

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143757.D
 Acq On : 15 Sep 2025 17:58
 Operator : RC/JU
 Sample : Q3082-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-29MS

Quant Time: Sep 15 18:21:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	15629	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	59287	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	33245	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	57772	20.000	ng	0.02
76) Chrysene-d12	14.068	240	33945	20.000	ng	0.02
86) Perylene-d12	15.551	264	27158	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	155974	170.269	ng	0.03
7) Phenol-d6	6.522	99	177525	159.162	ng	0.02
23) Nitrobenzene-d5	7.457	82	113851	119.446	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	64974	193.932	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	258961	117.669	ng	0.00
79) Terphenyl-d14	13.016	244	278366	132.891	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	19534	47.805	ng	# 86
3) Pyridine	3.604	79	46110	43.683	ng	96
4) n-Nitrosodimethylamine	3.551	42	20902	52.130	ng	# 94
6) Aniline	6.557	93	24318	16.461	ng	98
8) 2-Chlorophenol	6.681	128	54679	55.267	ng	95
9) Benzaldehyde	6.445	77	20882	23.204	ng	96
10) Phenol	6.534	94	62981	51.082	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	50476	54.816	ng	94
12) 1,3-Dichlorobenzene	6.834	146	55903	49.406	ng	98
13) 1,4-Dichlorobenzene	6.910	146	57860	50.663	ng	97
14) 1,2-Dichlorobenzene	7.063	146	53808	49.892	ng	99
15) Benzyl Alcohol	7.034	79	46787	57.667	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	53042	44.029	ng	91
17) 2-Methylphenol	7.139	107	46224	58.080	ng	99
18) Hexachloroethane	7.410	117	17054	46.226	ng	90
19) n-Nitroso-di-n-propyla...	7.304	70	39551	57.737	ng	97
20) 3+4-Methylphenols	7.292	107	61357	58.545	ng	93
22) Acetophenone	7.304	105	84570	63.159	ng	99
24) Nitrobenzene	7.475	77	54087	54.726	ng	97
25) Isophorone	7.716	82	104997	57.447	ng	98
26) 2-Nitrophenol	7.792	139	29309	60.315	ng	96
27) 2,4-Dimethylphenol	7.822	122	53305	61.105	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	63152	56.224	ng	99
29) 2,4-Dichlorophenol	8.028	162	49673	56.607	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	50425	55.467	ng	99
31) Naphthalene	8.198	128	159749	54.431	ng	99
32) Benzoic acid	7.939	122	33346	62.656	ng	97
33) 4-Chloroaniline	8.239	127	11203	10.965	ng	96
34) Hexachlorobutadiene	8.316	225	29009	48.922	ng	98
35) Caprolactam	8.669	113	5282	22.616	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	51110	59.071	ng	97
37) 2-Methylnaphthalene	8.892	142	101675	50.609	ng	99
38) 1-Methylnaphthalene	8.986	142	105258	54.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	58766	61.745	ng	98
41) Hexachlorocyclopentadiene	9.045	237	63324	129.596	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	39457	62.085	ng	98

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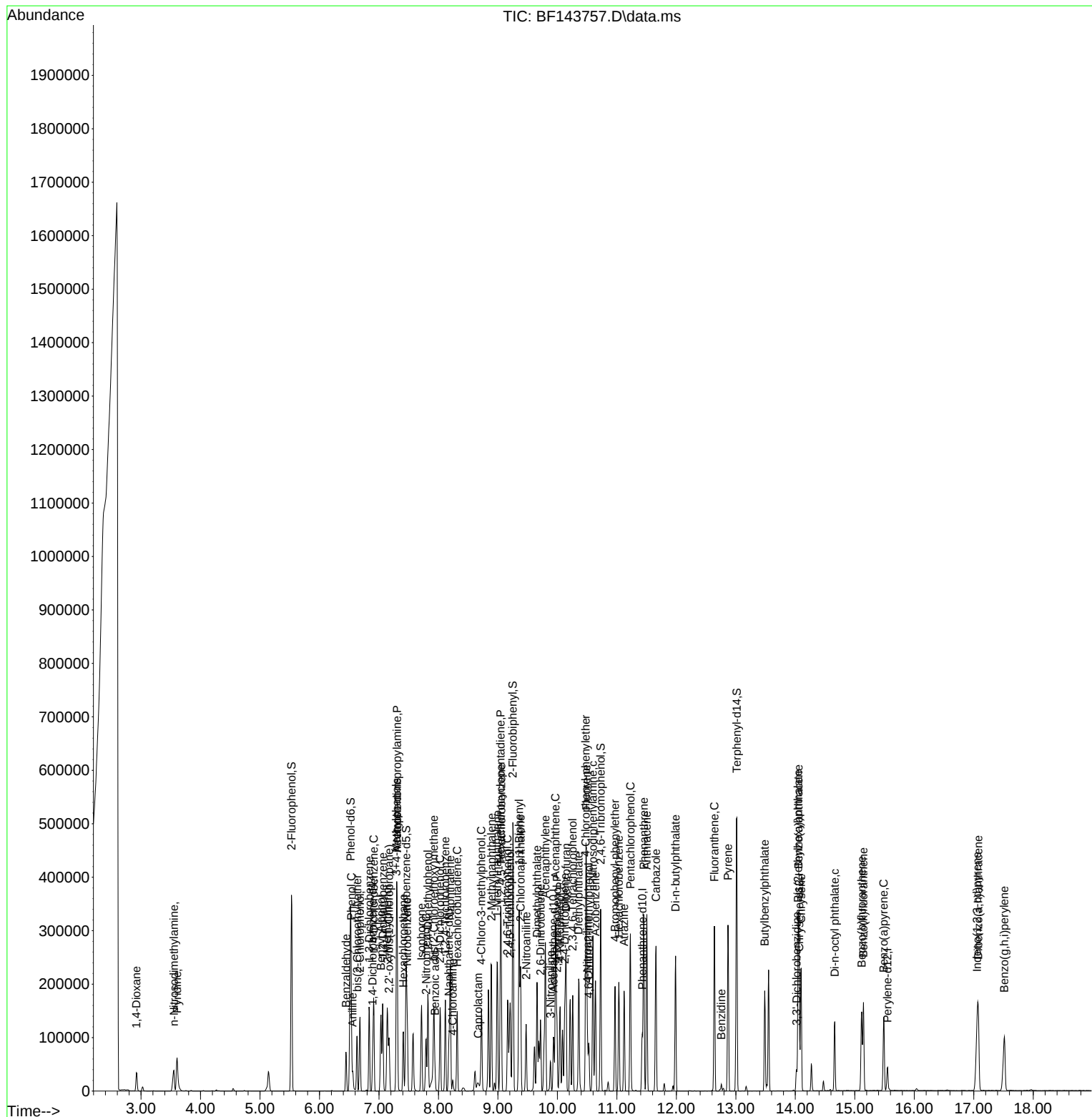
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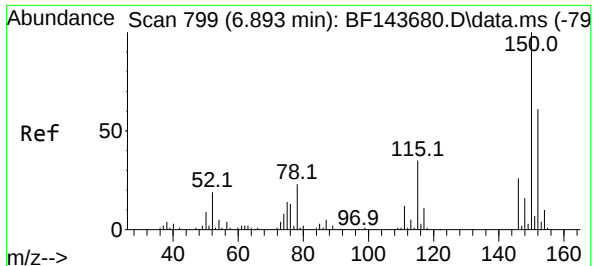
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	39557	61.226	ng	99
46) 1,1'-Biphenyl	9.357	154	157754	65.913	ng	100
47) 2-Chloronaphthalene	9.380	162	107681	57.390	ng	99
48) 2-Nitroaniline	9.475	65	31690	63.821	ng	96
49) Acenaphthylene	9.798	152	183351	68.219	ng	99
50) Dimethylphthalate	9.657	163	132699	61.349	ng	100
51) 2,6-Dinitrotoluene	9.716	165	28128	68.014	ng	96
52) Acenaphthene	9.969	154	118275	63.861	ng	98
53) 3-Nitroaniline	9.886	138	14027	31.517	ng	93
54) 2,4-Dinitrophenol	9.992	184	30126	131.531	ng	# 37
55) Dibenzofuran	10.145	168	159796	60.002	ng	98
56) 4-Nitrophenol	10.045	139	46032	130.005	ng	95
57) 2,4-Dinitrotoluene	10.122	165	39948	70.973	ng	97
58) Fluorene	10.486	166	131272	62.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34037	64.971	ng	98
60) Diethylphthalate	10.357	149	122810	60.477	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	62707	59.310	ng	98
62) 4-Nitroaniline	10.504	138	28453	67.500	ng	97
63) Azobenzene	10.639	77	109294	60.879	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	20701	70.378	ng	97
66) n-Nitrosodiphenylamine	10.598	169	111524	58.926	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	37997	54.540	ng	95
68) Hexachlorobenzene	11.033	284	41894	56.951	ng	98
69) Atrazine	11.122	200	35979	60.630	ng	99
70) Pentachlorophenol	11.227	266	53712	120.786	ng	94
71) Phenanthrene	11.451	178	186196	58.495	ng	99
72) Anthracene	11.504	178	190699	59.581	ng	100
73) Carbazole	11.657	167	167775	64.006	ng	99
74) Di-n-butylphthalate	11.986	149	193162	61.209	ng	99
75) Fluoranthene	12.639	202	183760	62.885	ng	99
77) Benzidine	12.757	184	9079	8.202	ng	97
78) Pyrene	12.868	202	186422	68.688	ng	99
80) Butylbenzylphthalate	13.486	149	63458	74.625	ng	99
81) Benzo(a)anthracene	14.057	228	130815	59.902	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	14577	21.697	ng	98
83) Chrysene	14.098	228	122460	61.227	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	76210	62.812	ng	99
85) Di-n-octyl phthalate	14.663	149	94821	43.611	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	122840	66.275	ng	98
88) Benzo(b)fluoranthene	15.115	252	95296	58.946	ng	99
89) Benzo(k)fluoranthene	15.145	252	95714	65.600	ng	98
90) Benzo(a)pyrene	15.486	252	90534	63.744	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	100478	65.340	ng	98
92) Benzo(g,h,i)perylene	17.515	276	98272	68.321	ng	98

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

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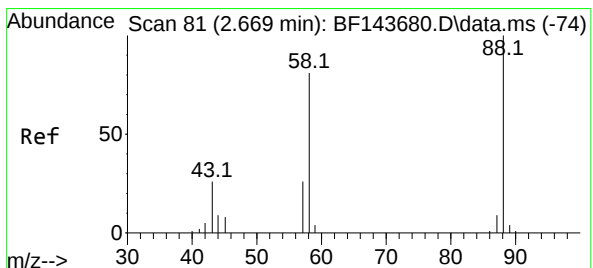
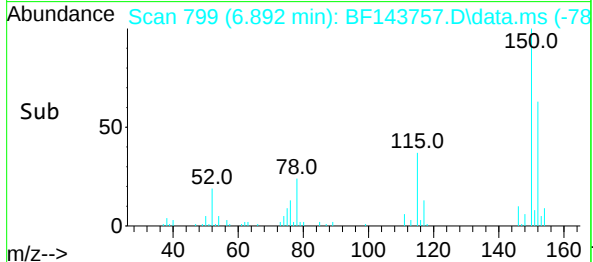
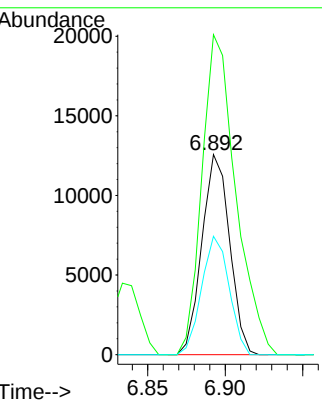
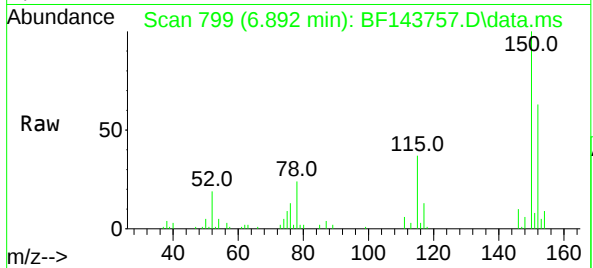




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

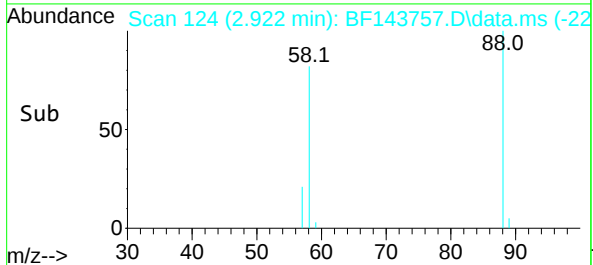
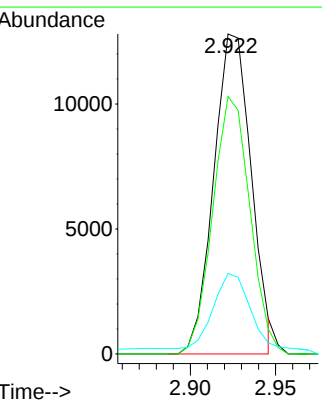
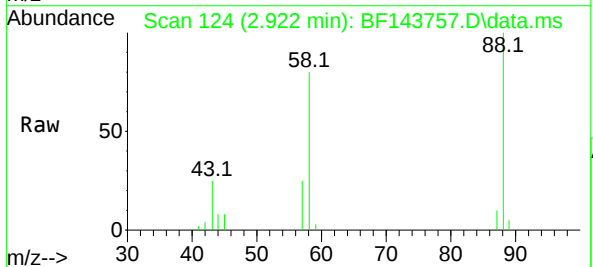
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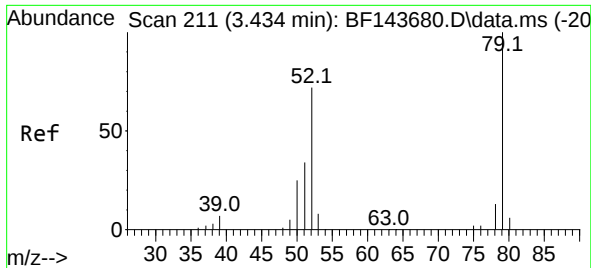
Tgt Ion:152 Resp: 15629
 Ion Ratio Lower Upper
 152 100
 150 159.9 130.7 196.1
 115 59.2 45.9 68.9



#2
 1,4-Dioxane
 Concen: 47.805 ng
 RT: 2.922 min Scan# 124
 Delta R.T. 0.253 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

Tgt Ion: 88 Resp: 19534
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.8 98.6
 43 0.0 20.6 31.0#

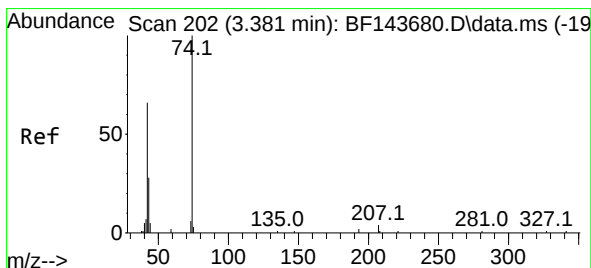
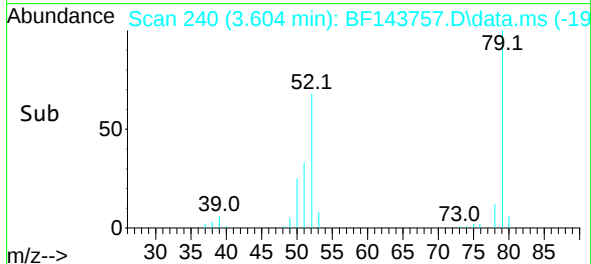
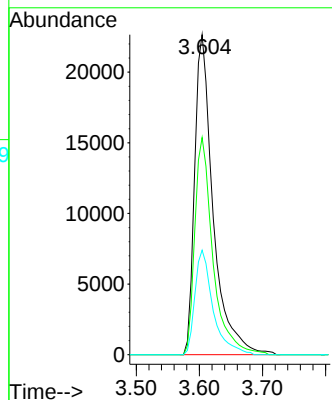
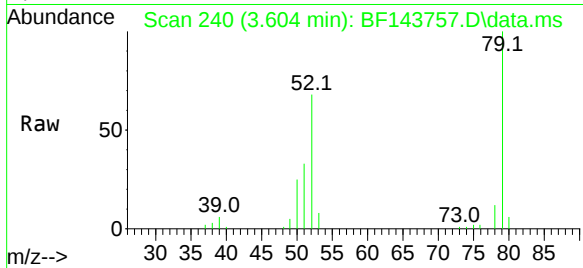




#3
Pyridine
Concen: 43.683 ng
RT: 3.604 min Scan# 24
Delta R.T. 0.170 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

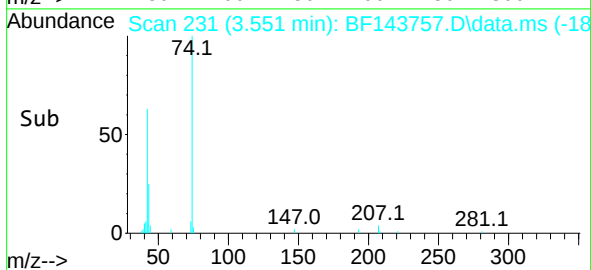
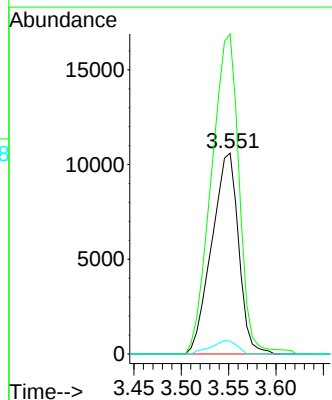
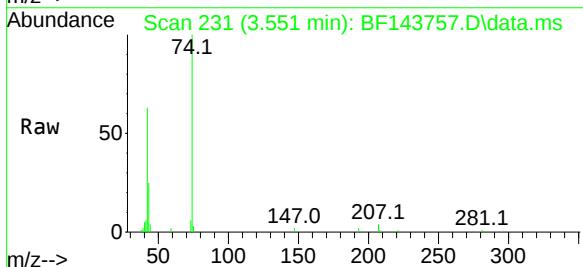
Instrument :
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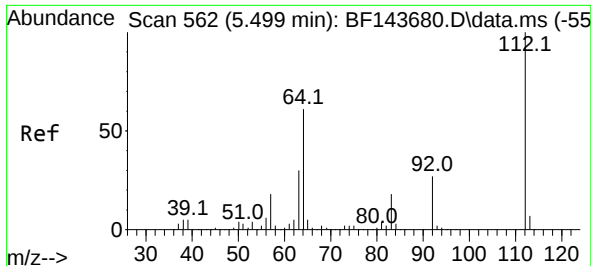
Tgt Ion: 79 Resp: 46110
Ion Ratio Lower Upper
79 100
52 67.9 57.2 85.8
51 32.7 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 52.130 ng
RT: 3.551 min Scan# 231
Delta R.T. 0.170 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion: 42 Resp: 20902
Ion Ratio Lower Upper
42 100
74 159.4 120.9 181.3
44 6.4 6.5 9.7#

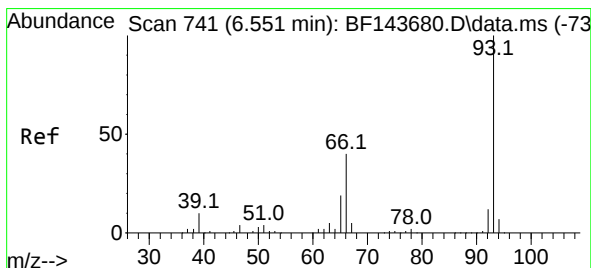
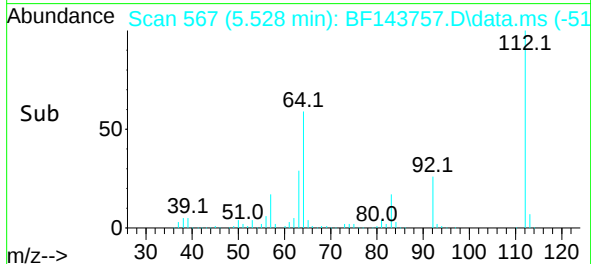
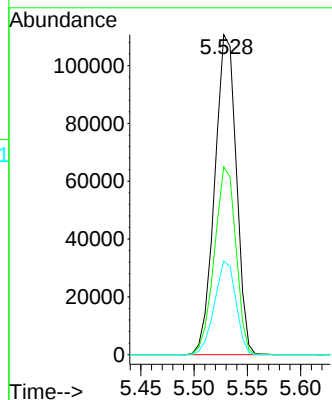
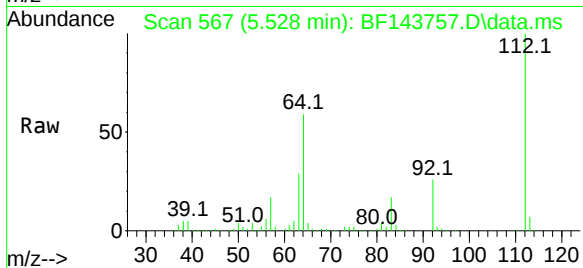




#5
2-Fluorophenol
Concen: 170.269 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

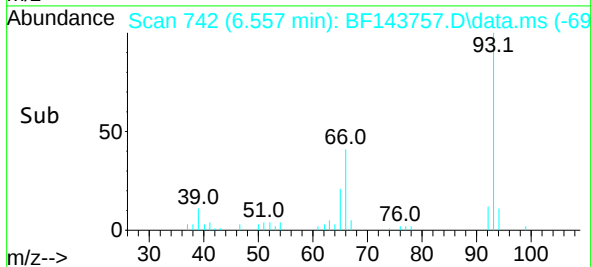
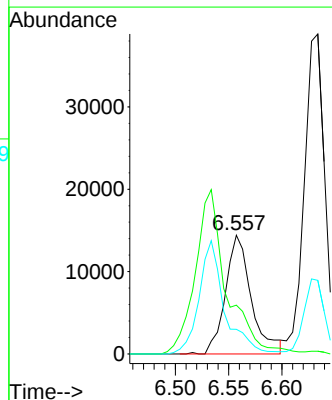
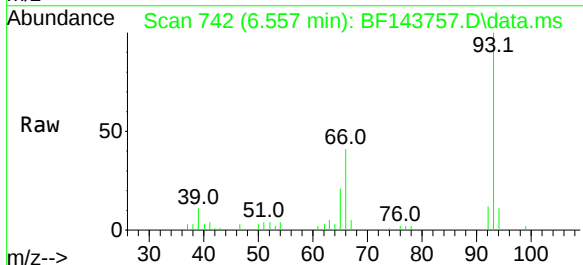
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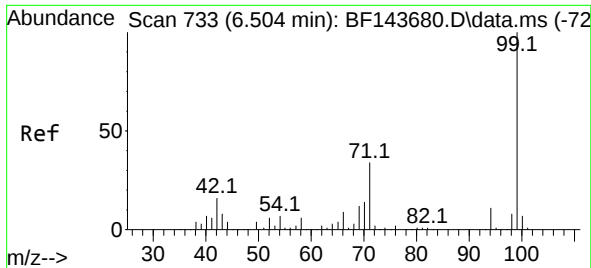
Tgt Ion:112 Resp: 155974
Ion Ratio Lower Upper
112 100
64 58.7 49.0 73.4
63 29.2 24.3 36.5



#6
Aniline
Concen: 16.461 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion: 93 Resp: 24318
Ion Ratio Lower Upper
93 100
66 41.1 34.1 51.1
65 20.8 16.1 24.1

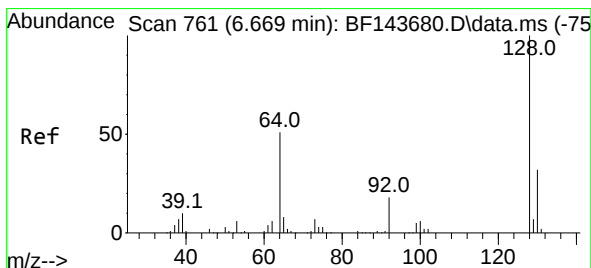
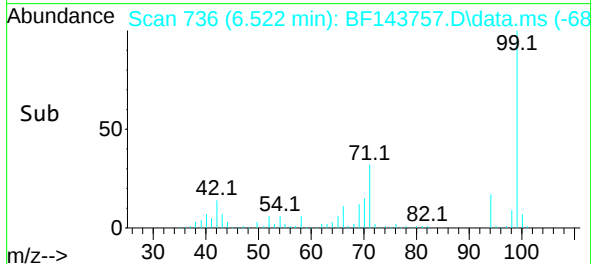
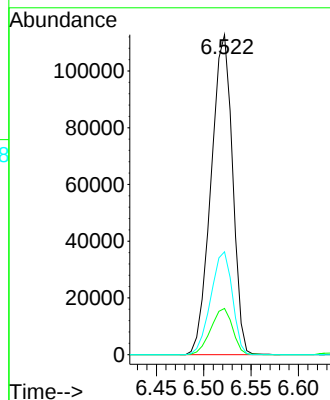
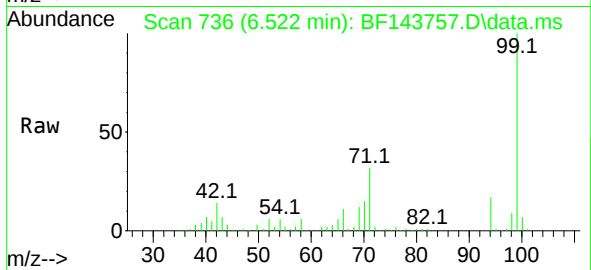




#7
Phenol-d6
Concen: 159.162 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

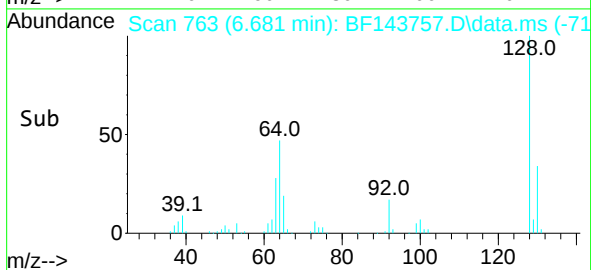
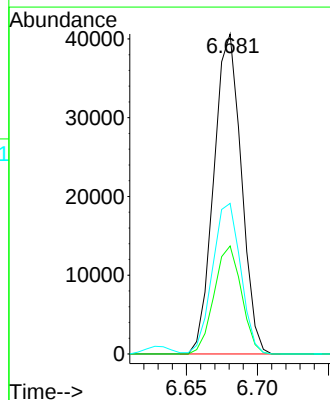
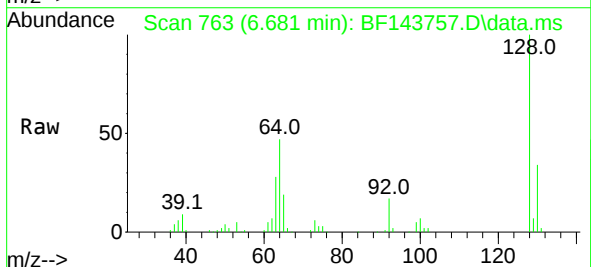
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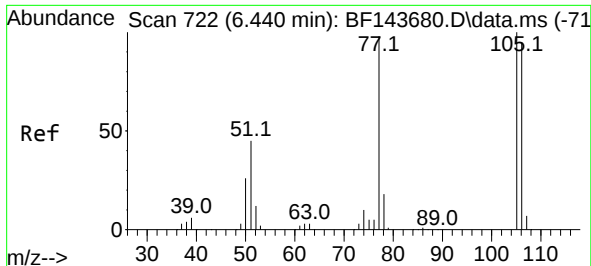
Tgt Ion: 99 Resp: 177525
Ion Ratio Lower Upper
99 100
42 14.4 13.0 19.4
71 32.2 27.4 41.2



#8
2-Chlorophenol
Concen: 55.267 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion: 128 Resp: 54679
Ion Ratio Lower Upper
128 100
130 33.7 12.0 52.0
64 47.0 31.9 71.9





#9

Benzaldehyde

Concen: 23.204 ng

RT: 6.445 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

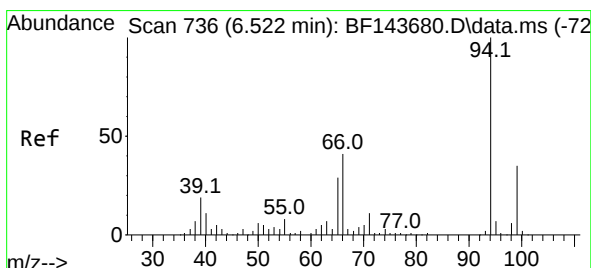
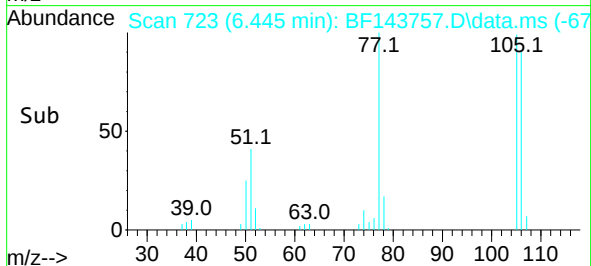
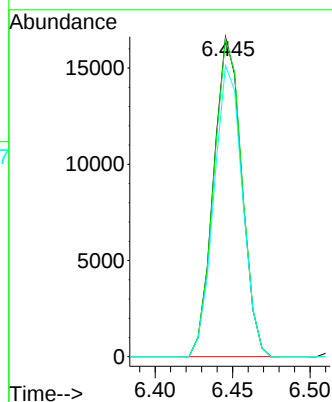
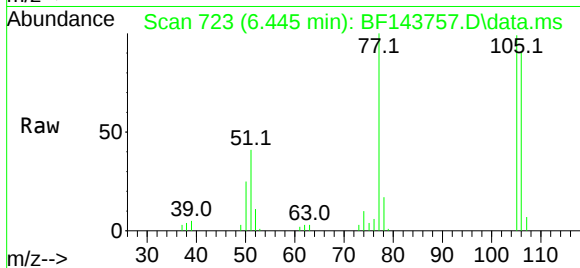
Tgt Ion: 77 Resp: 20882

Ion Ratio Lower Upper

77 100

105 99.4 81.7 121.7

106 91.0 76.9 116.9



#10

Phenol

Concen: 51.082 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

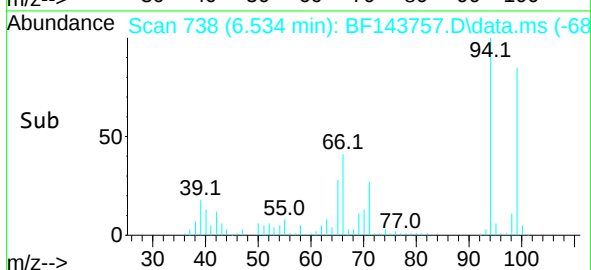
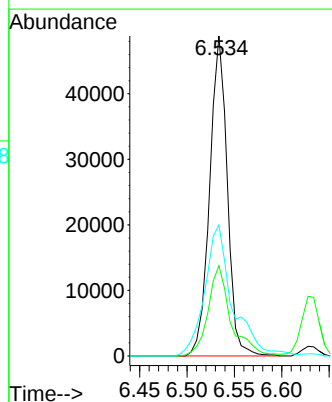
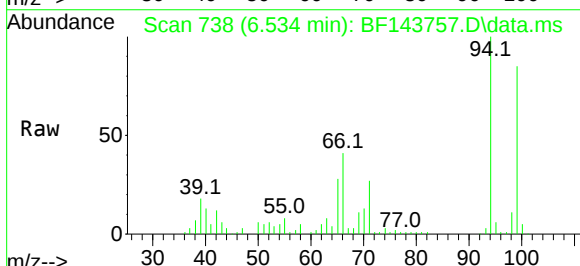
Tgt Ion: 94 Resp: 62981

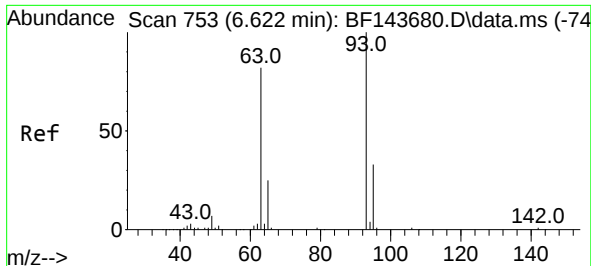
Ion Ratio Lower Upper

94 100

65 28.2 9.1 49.1

66 40.9 20.8 60.8

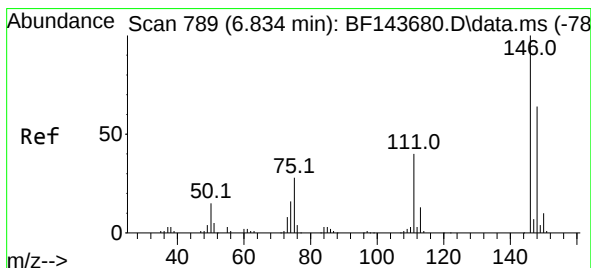
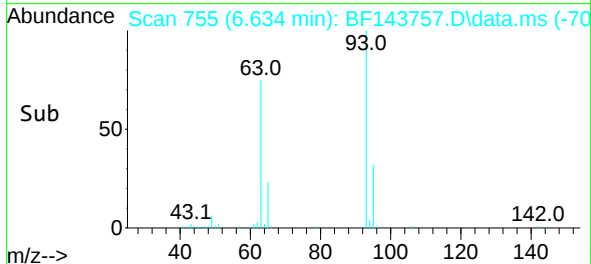
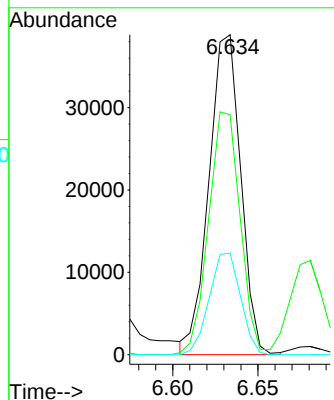
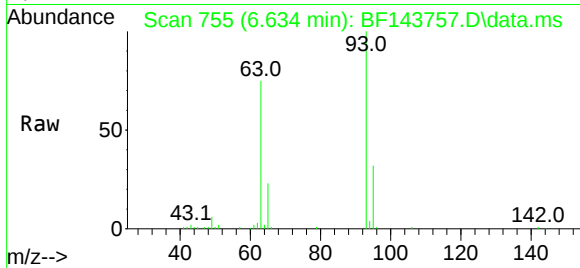




#11
bis(2-Chloroethyl)ether
Concen: 54.816 ng
RT: 6.634 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

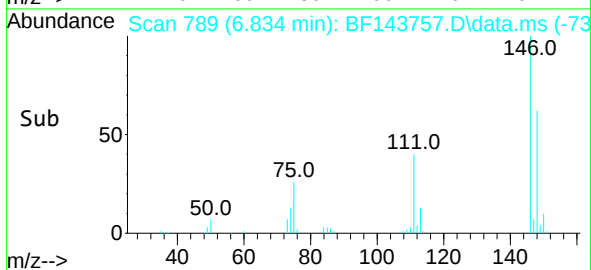
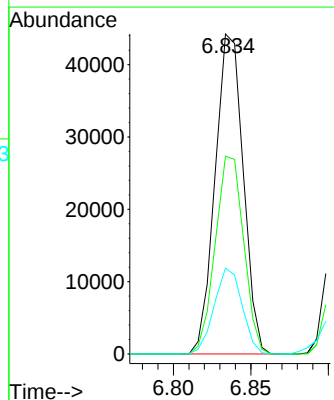
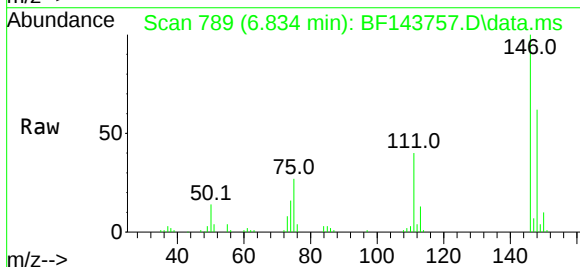
Instrument :
BNA_F
ClientSampleId :
WC-29MS

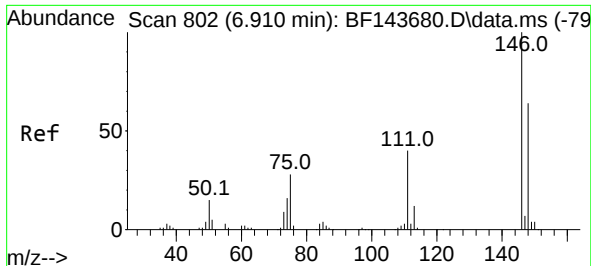
Tgt Ion: 93 Resp: 50476
Ion Ratio Lower Upper
93 100
63 75.0 61.8 101.8
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.406 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:146 Resp: 55903
Ion Ratio Lower Upper
146 100
148 61.8 51.0 76.4
75 26.9 22.0 33.0

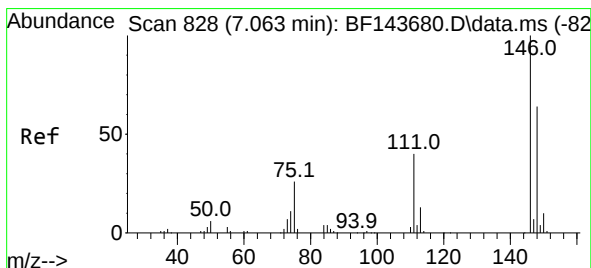
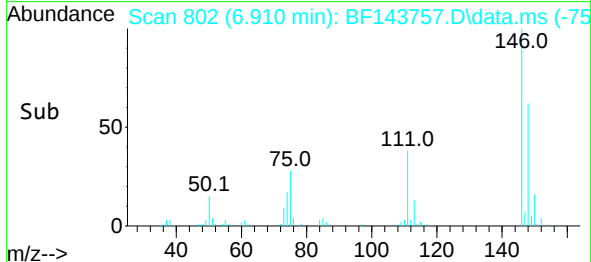
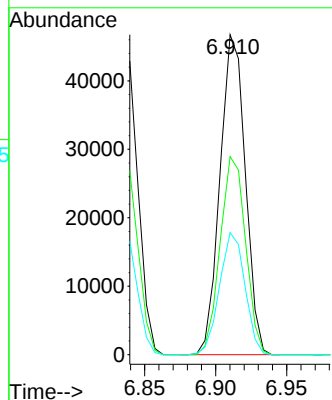
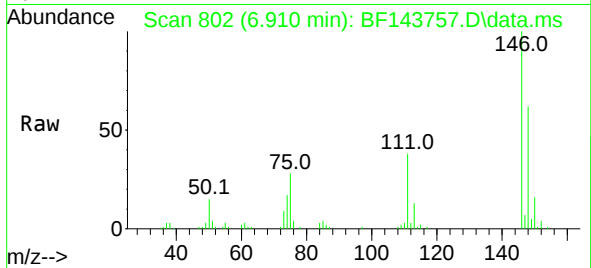




#13
1,4-Dichlorobenzene
Concen: 50.663 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

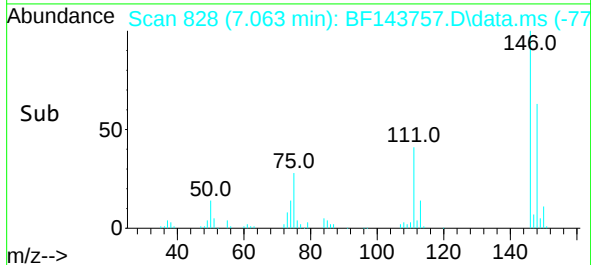
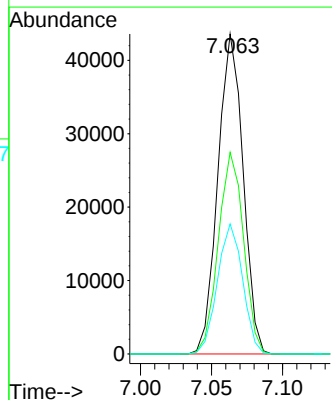
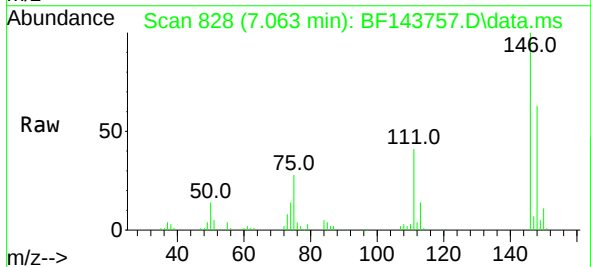
Instrument :
BNA_F
ClientSampleId :
WC-29MS

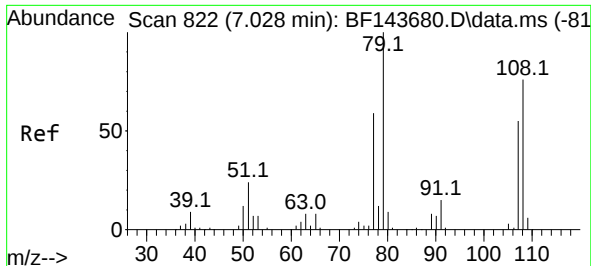
Tgt Ion:146 Resp: 57860
Ion Ratio Lower Upper
146 100
148 61.9 51.2 76.8
111 38.2 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 49.892 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:146 Resp: 53808
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
111 40.7 32.3 48.5

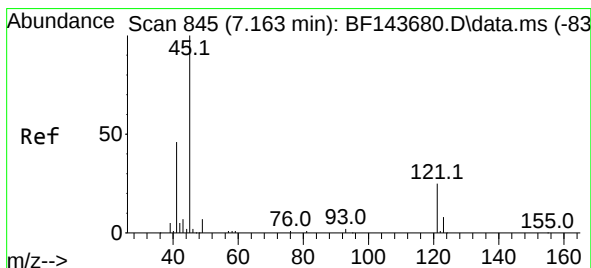
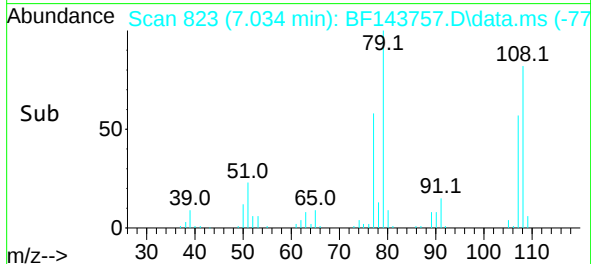
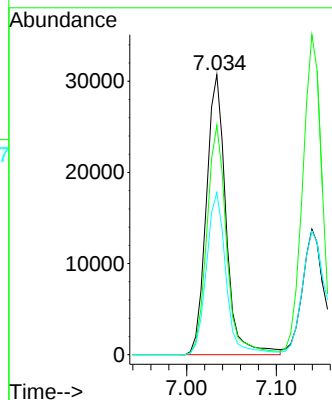
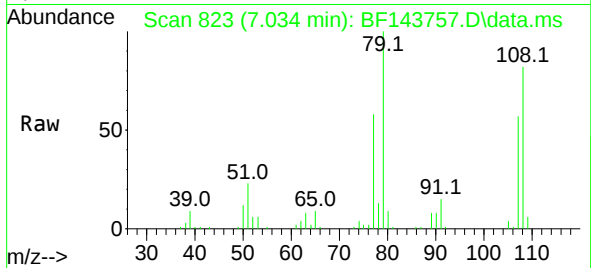




#15
Benzyl Alcohol
Concen: 57.667 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

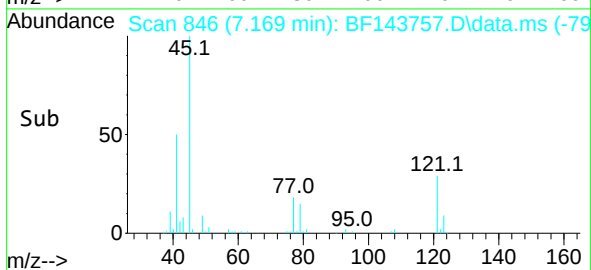
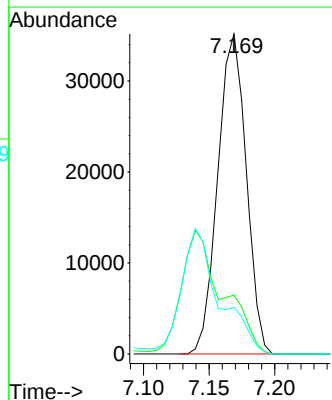
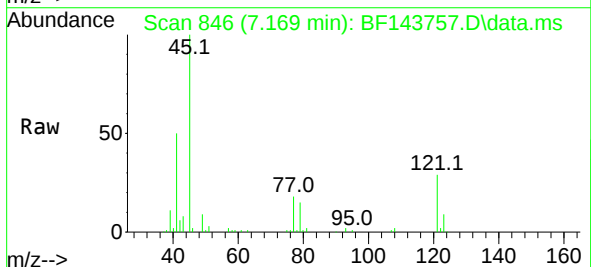
Instrument :
BNA_F
ClientSampleId :
WC-29MS

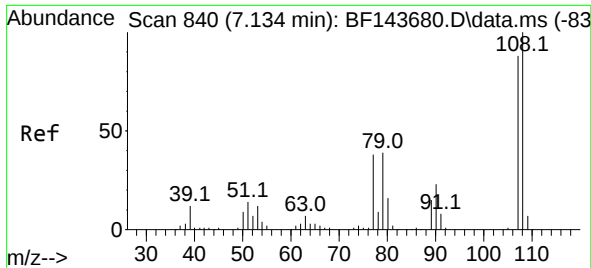
Tgt Ion: 79 Resp: 46787
Ion Ratio Lower Upper
79 100
108 81.9 60.9 91.3
77 57.9 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.029 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

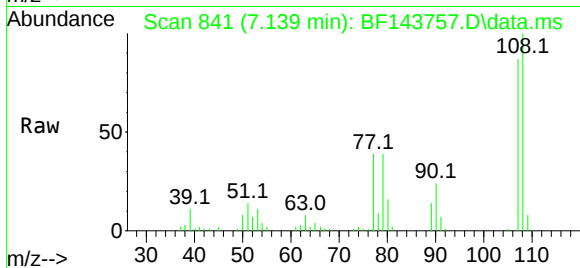
Tgt Ion: 45 Resp: 53042
Ion Ratio Lower Upper
45 100
77 18.4 0.0 34.6
79 14.5 0.0 31.3



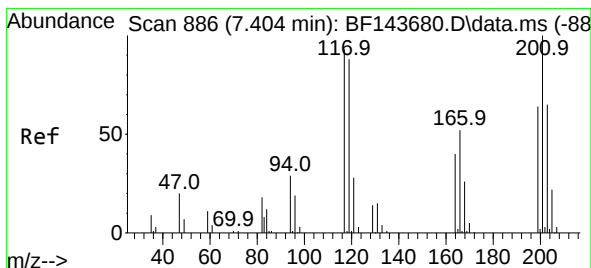
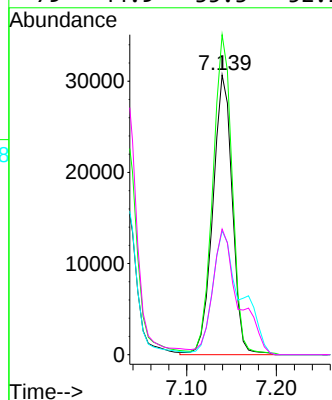
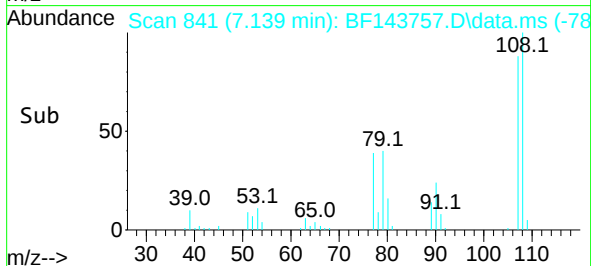


#17
2-Methylphenol
Concen: 58.080 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

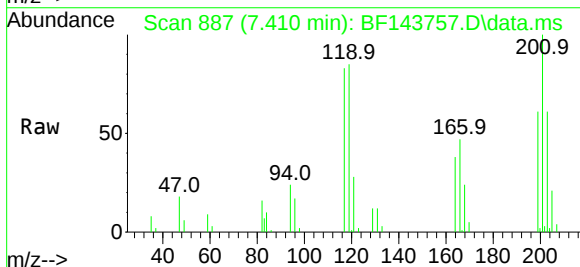
Instrument :
BNA_F
ClientSampleId :
WC-29MS



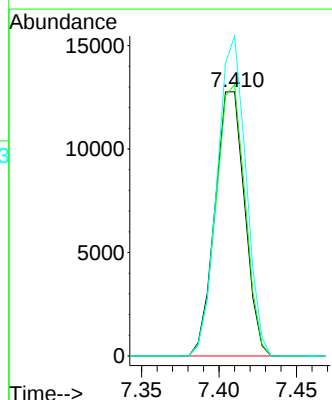
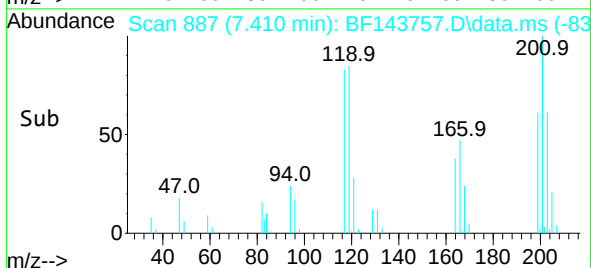
Tgt Ion:	107	Resp:	46224
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.9	136.3
77	44.3	34.4	51.6
79	44.9	35.3	52.9

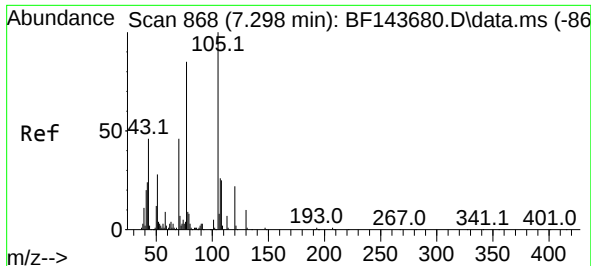


#18
Hexachloroethane
Concen: 46.226 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58



Tgt Ion:	117	Resp:	17054
Ion	Ratio	Lower	Upper
117	100		
119	102.7	76.2	114.2
201	121.1	86.4	129.6

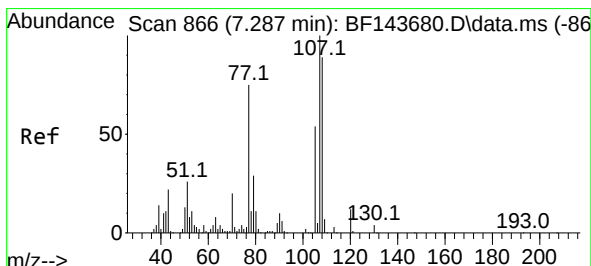
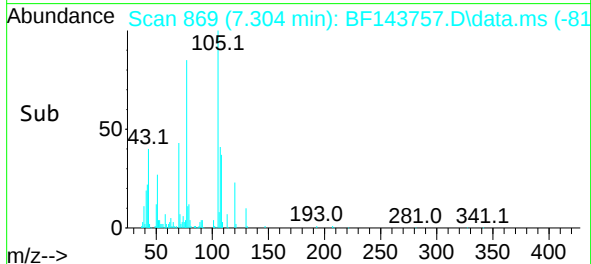
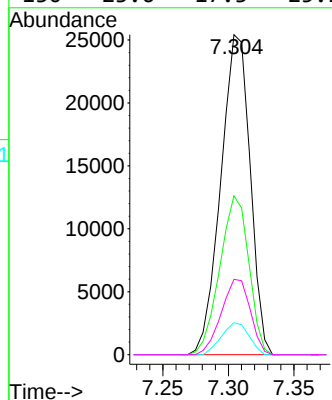
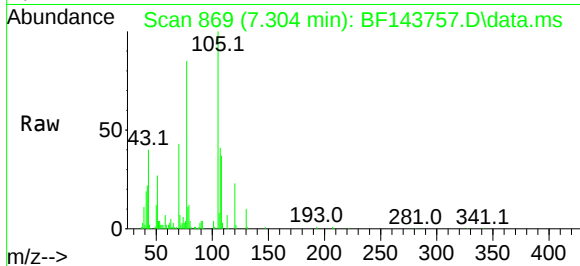




#19
n-Nitroso-di-n-propylamine
Concen: 57.737 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

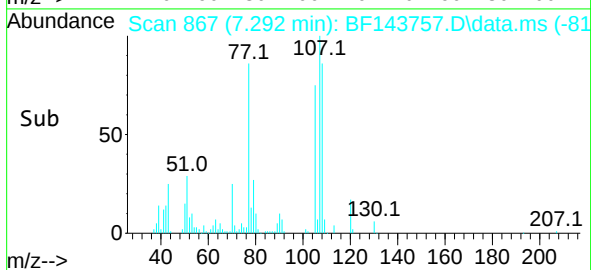
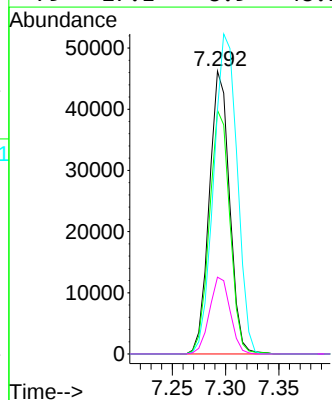
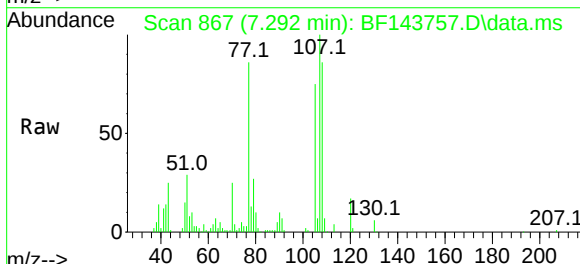
Instrument :
BNA_F
ClientSampleId :
WC-29MS

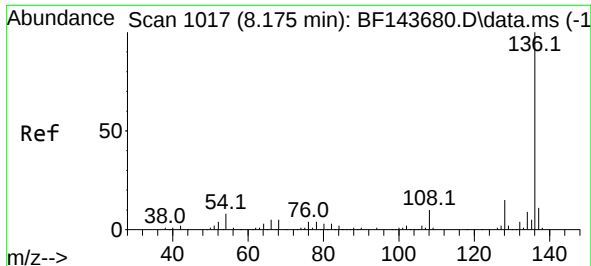
Tgt Ion:	70	Resp:	39551
Ion	Ratio	Lower	Upper
70	100		
42	49.7	41.4	62.2
101	10.0	8.1	12.1
130	23.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 58.545 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:	107	Resp:	61357
Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.6	108.6
77	86.2	54.6	94.6
79	27.1	8.9	48.9

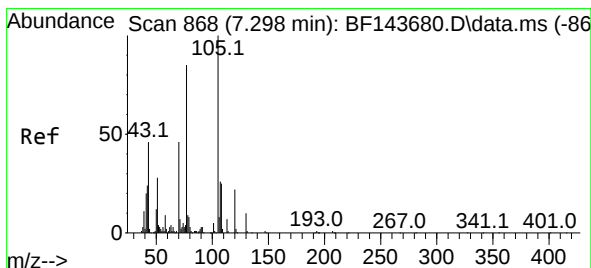
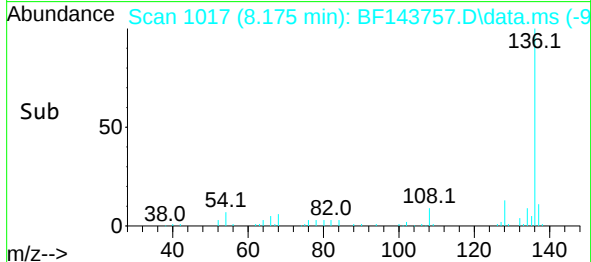
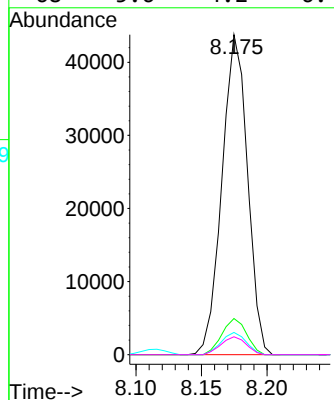
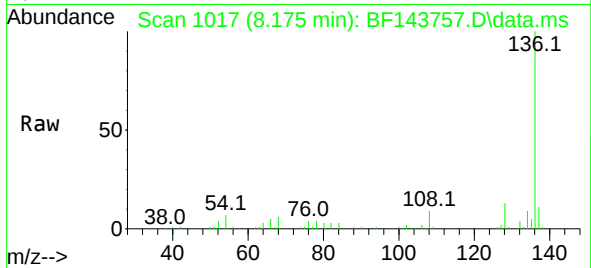




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

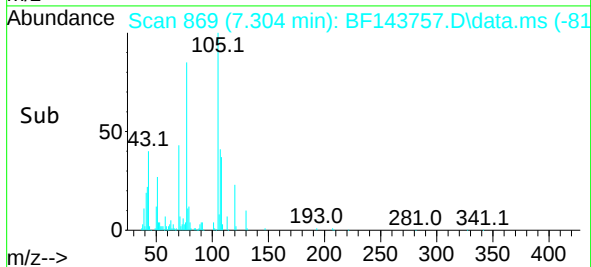
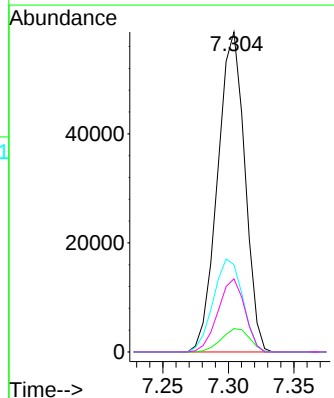
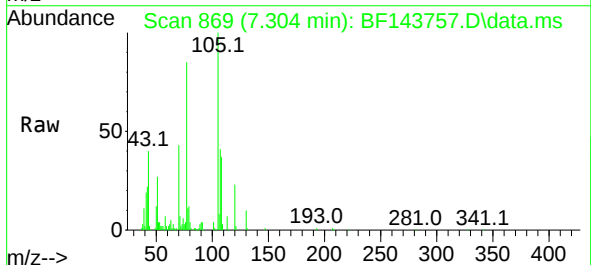
Instrument :
BNA_F
ClientSampleId :
WC-29MS

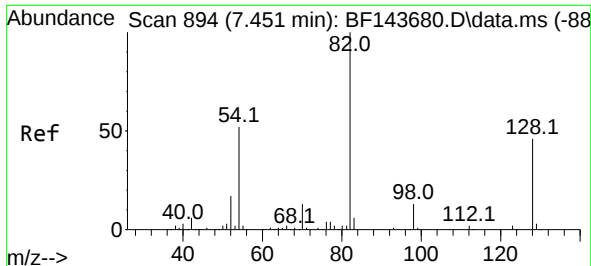
Tgt Ion:136	Resp:	59287
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	7.0	6.2 9.2
68	5.6	4.2 6.4



#22
Acetophenone
Concen: 63.159 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:105	Resp:	84570
Ion Ratio	Lower	Upper
105	100	
71	7.3	5.9 8.9
51	27.3	22.4 33.6
120	22.8	17.6 26.4





#23

Nitrobenzene-d5

Concen: 119.446 ng

RT: 7.457 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

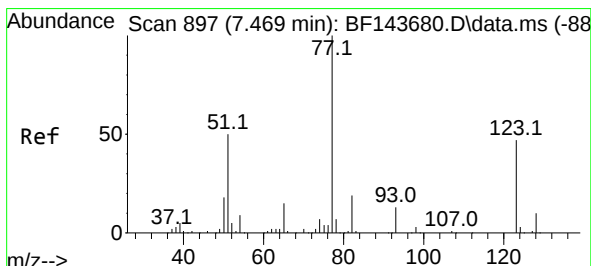
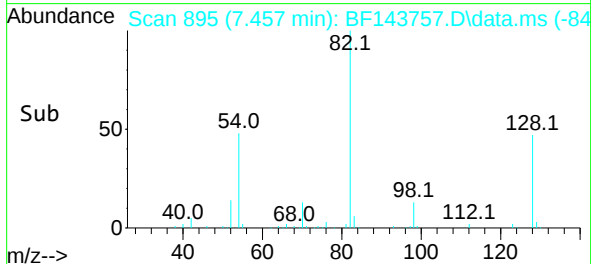
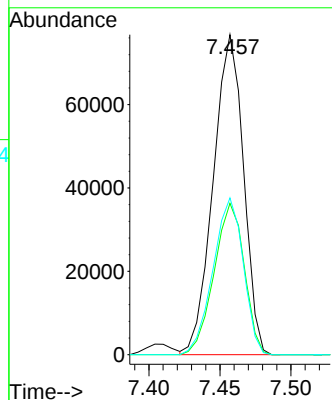
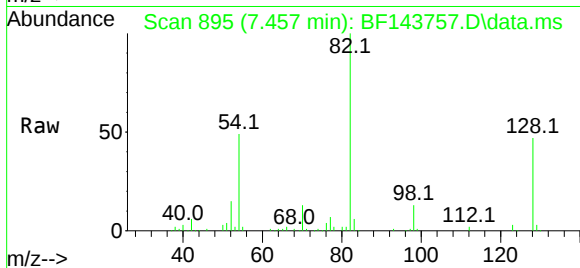
Tgt Ion: 82 Resp: 113851

Ion Ratio Lower Upper

82 100

128 47.3 37.0 55.4

54 49.0 41.8 62.8



#24

Nitrobenzene

Concen: 54.726 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

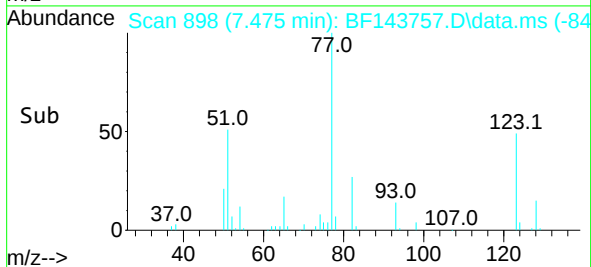
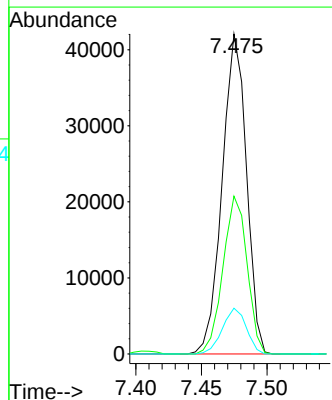
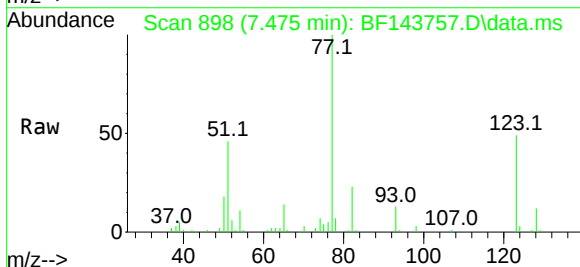
Tgt Ion: 77 Resp: 54087

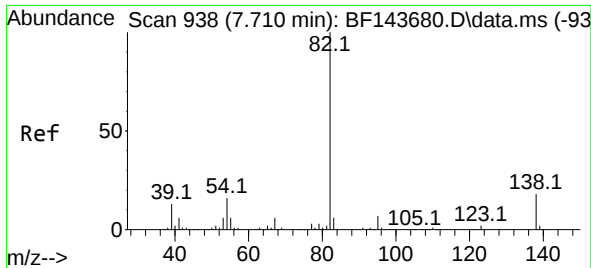
Ion Ratio Lower Upper

77 100

123 49.3 37.4 56.0

65 14.3 11.6 17.4

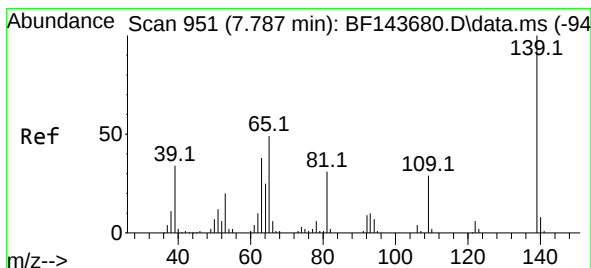
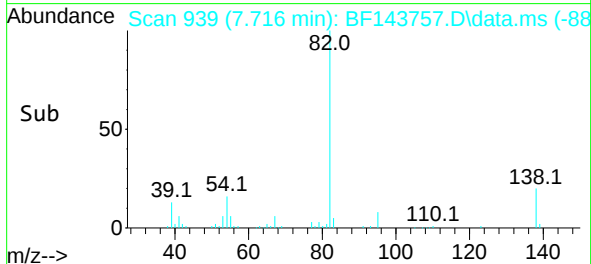
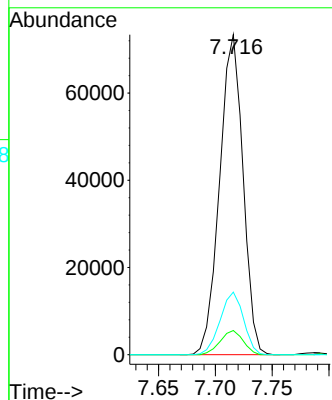
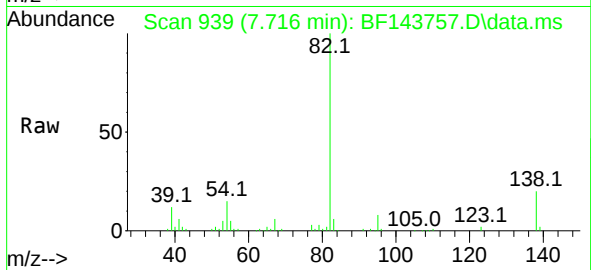




#25
Isophorone
Concen: 57.447 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

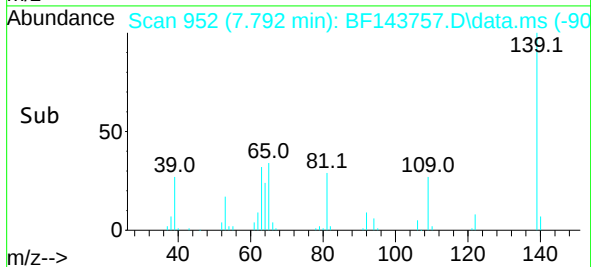
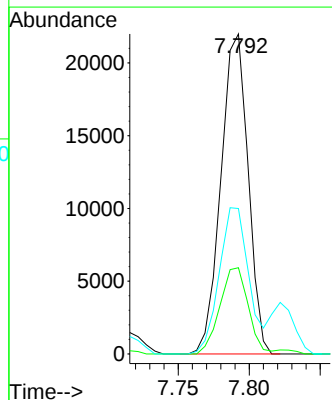
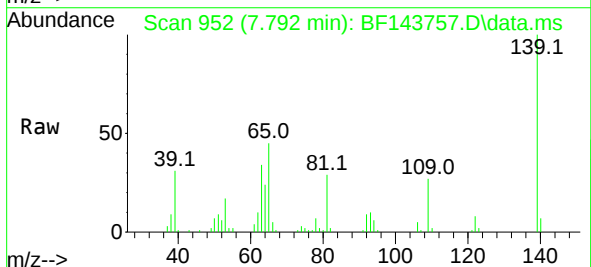
Instrument :
BNA_F
ClientSampleId :
WC-29MS

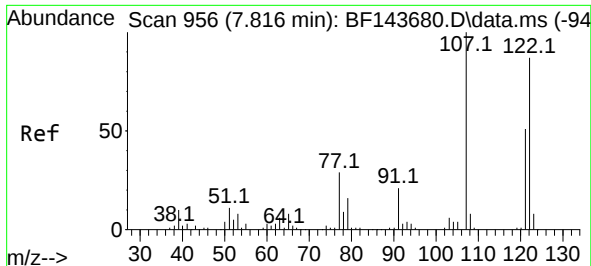
Tgt Ion: 82 Resp: 104997
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 19.5 14.8 22.2



#26
2-Nitrophenol
Concen: 60.315 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion: 139 Resp: 29309
Ion Ratio Lower Upper
139 100
109 27.0 22.8 34.2
65 45.5 39.2 58.8

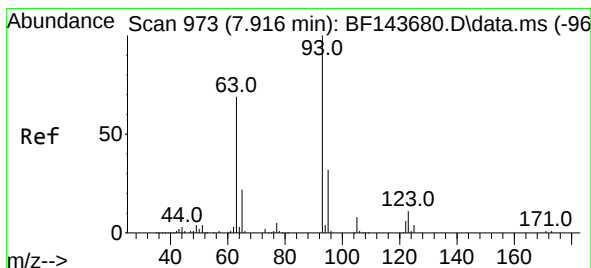
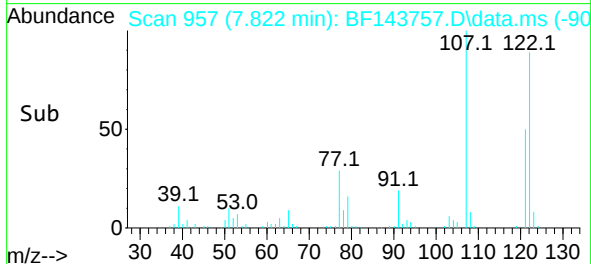
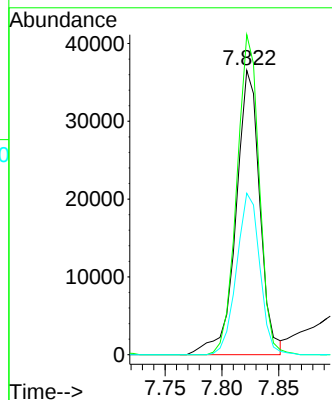
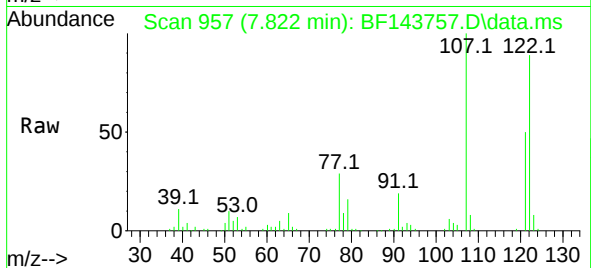




#27
2,4-Dimethylphenol
Concen: 61.105 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

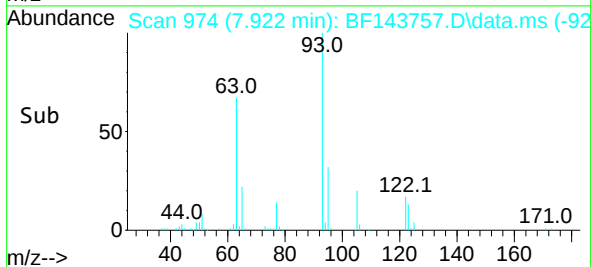
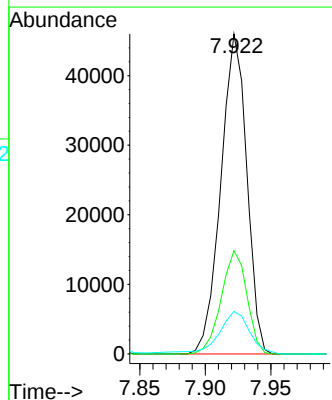
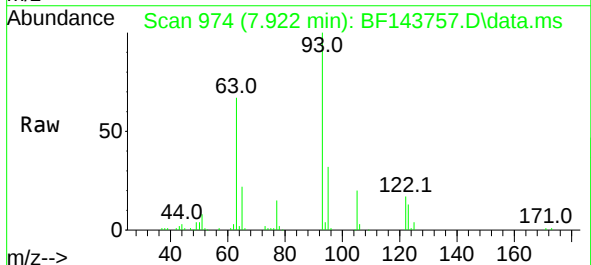
Instrument :
BNA_F
ClientSampleId :
WC-29MS

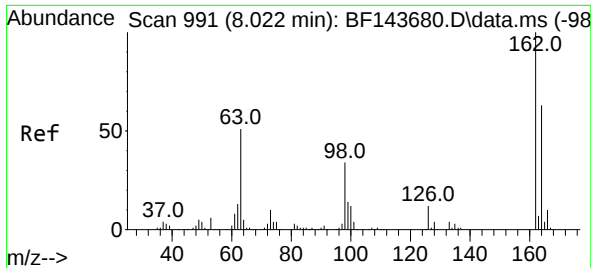
Tgt Ion:122 Resp: 53305
Ion Ratio Lower Upper
122 100
107 112.5 92.1 138.1
121 56.8 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 56.224 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion: 93 Resp: 63152
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 13.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 56.607 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

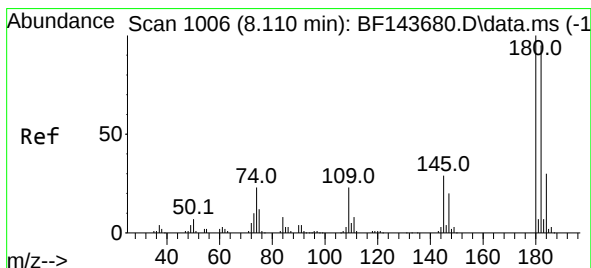
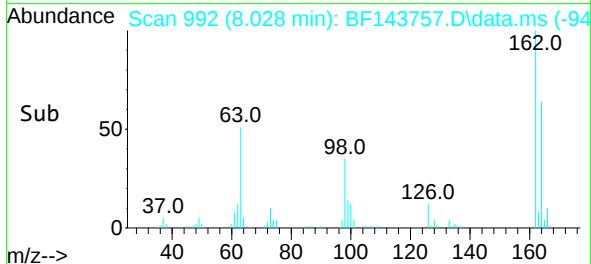
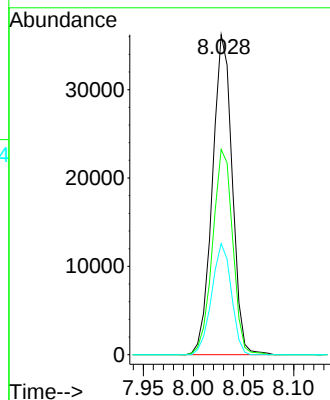
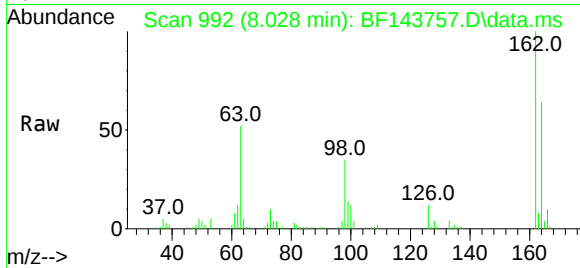
Tgt Ion:162 Resp: 49673

Ion Ratio Lower Upper

162 100

164 64.2 43.0 83.0

98 34.7 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 55.467 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

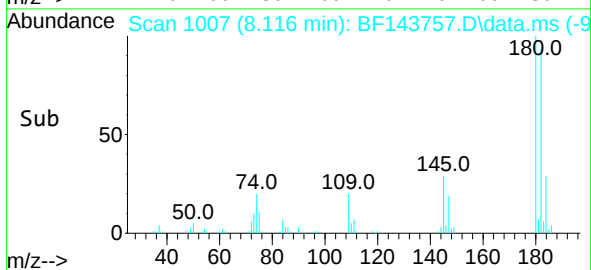
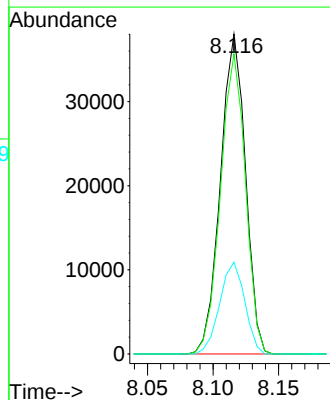
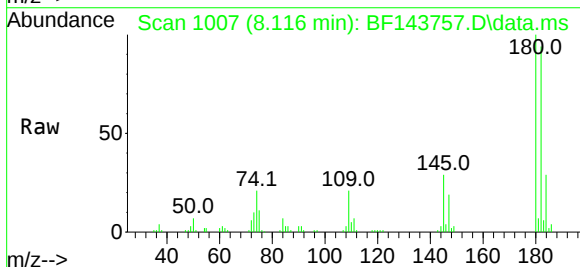
Tgt Ion:180 Resp: 50425

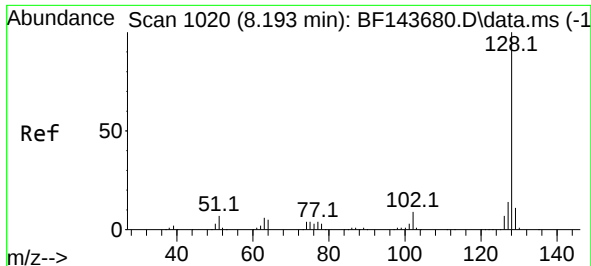
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.4

145 28.7 23.2 34.8

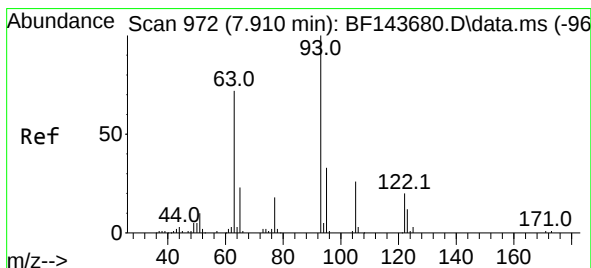
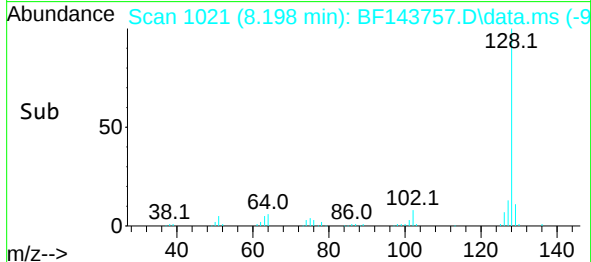
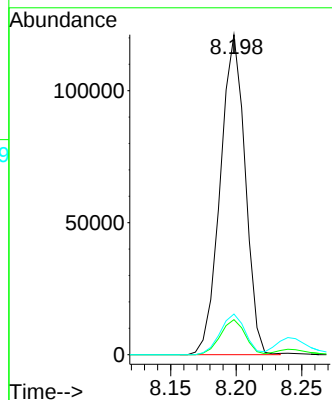
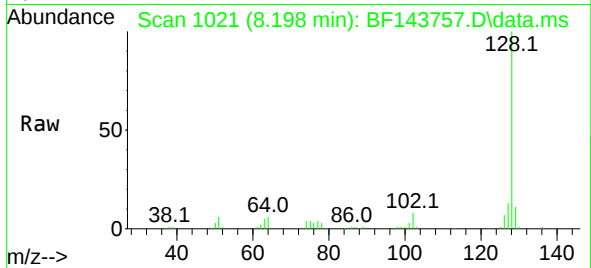




#31
Naphthalene
Concen: 54.431 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

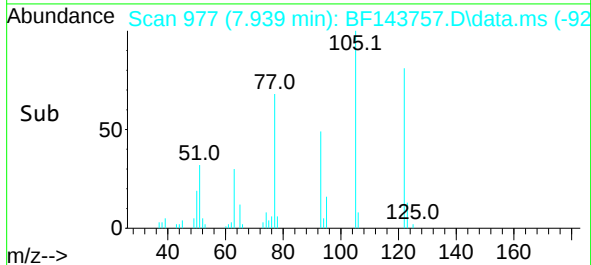
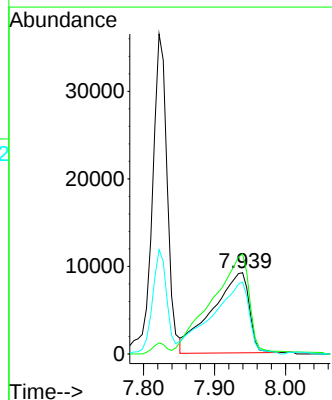
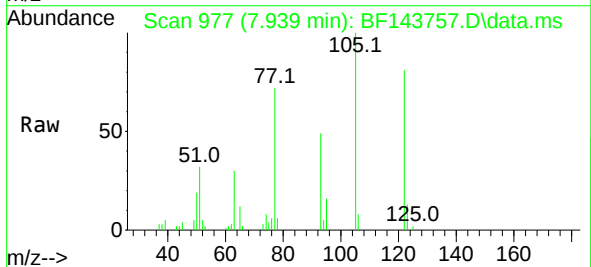
Instrument :
BNA_F
ClientSampleId :
WC-29MS

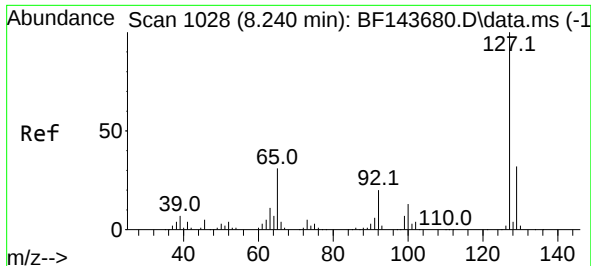
Tgt Ion:128 Resp: 159749
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.9 16.3



#32
Benzoic acid
Concen: 62.656 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.029 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:122 Resp: 33346
Ion Ratio Lower Upper
122 100
105 122.9 105.2 145.2
77 88.3 72.0 112.0

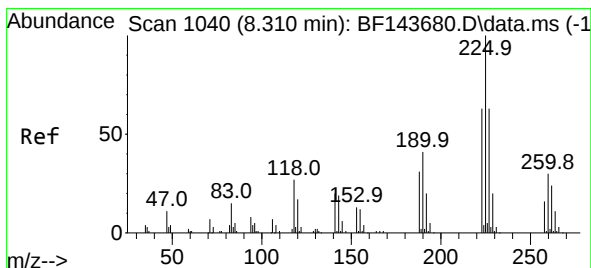
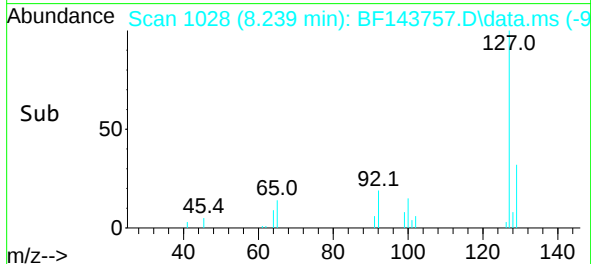
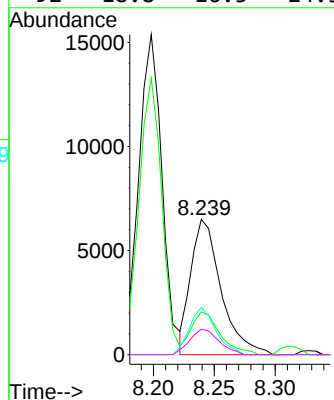
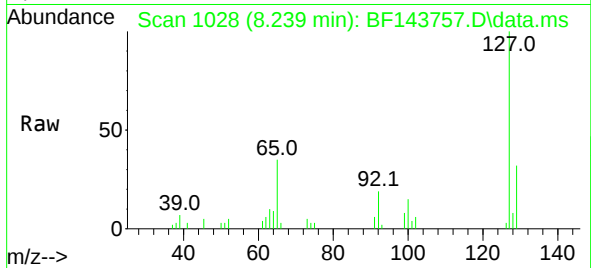




#33
4-Chloroaniline
Concen: 10.965 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

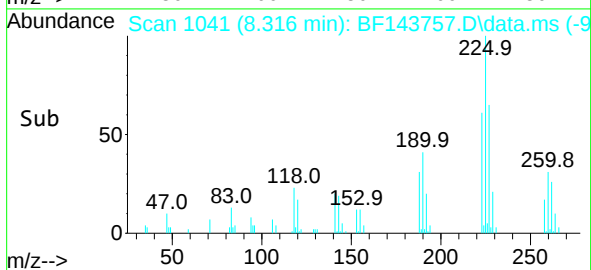
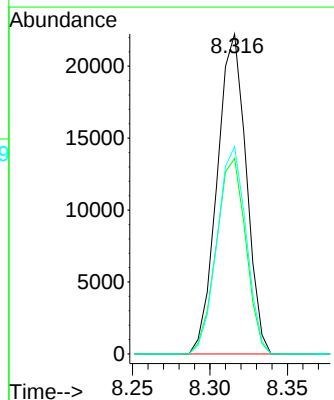
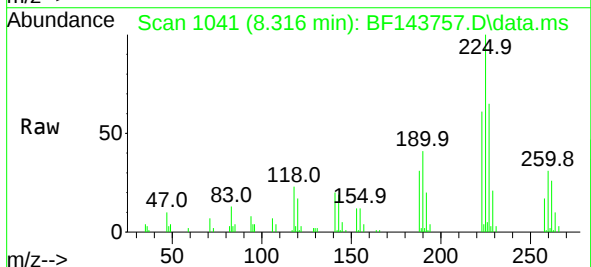
Instrument :
BNA_F
ClientSampleId :
WC-29MS

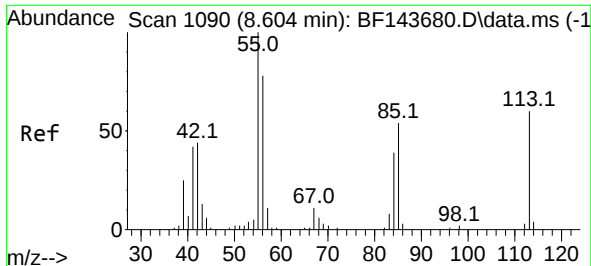
Tgt Ion:127	Resp:	11203
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.0 39.0
65	34.9	24.6 36.8
92	18.8	16.3 24.5



#34
Hexachlorobutadiene
Concen: 48.922 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:225	Resp:	29009
Ion Ratio	Lower	Upper
225	100	
223	61.1	50.6 76.0
227	64.8	50.8 76.2

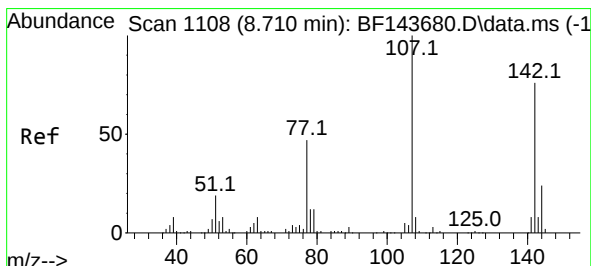
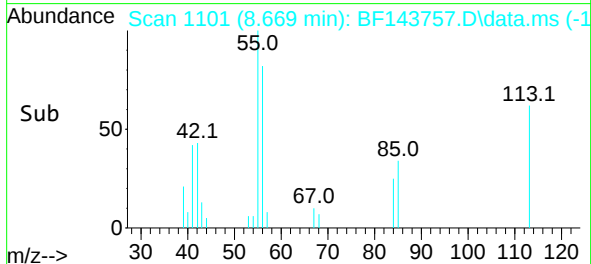
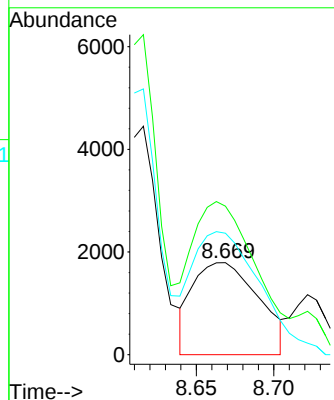
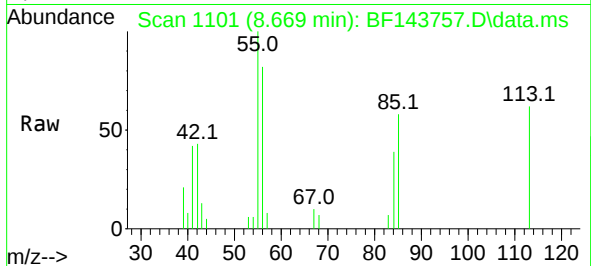




#35
 Caprolactam
 Concen: 22.616 ng
 RT: 8.669 min Scan# 1110
 Delta R.T. 0.065 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

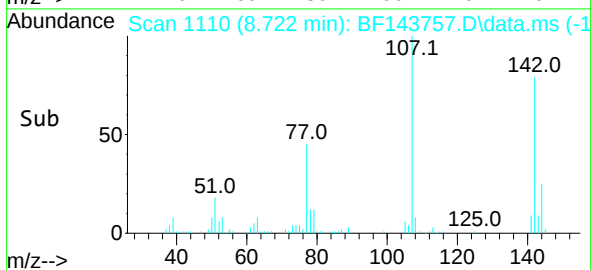
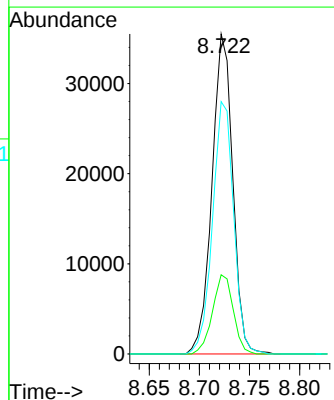
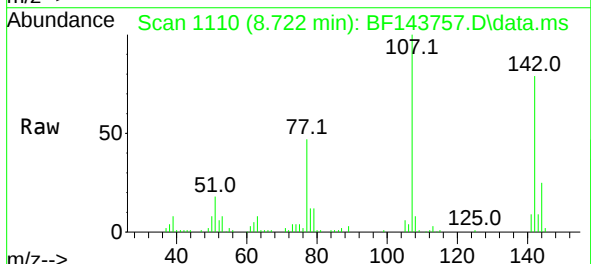
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MS

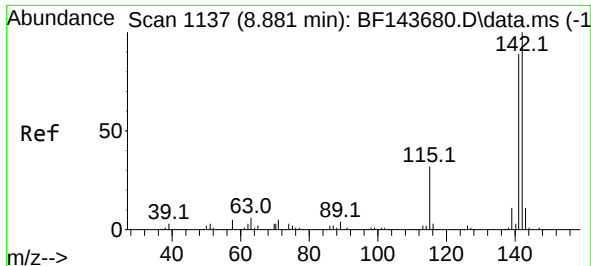
Tgt Ion:113 Resp: 5282
 Ion Ratio Lower Upper
 113 100
 55 161.6 148.9 188.9
 56 132.1 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 59.071 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

Tgt Ion:107 Resp: 51110
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.4 29.2
 142 78.8 60.6 91.0





#37

2-Methylnaphthalene

Concen: 50.609 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

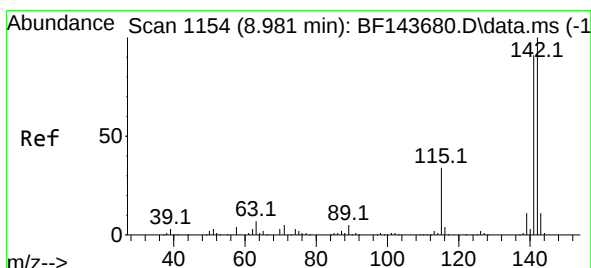
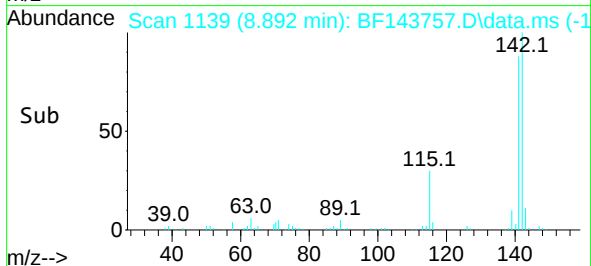
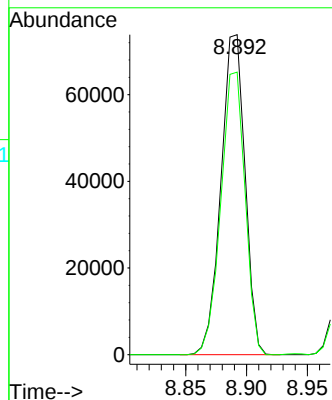
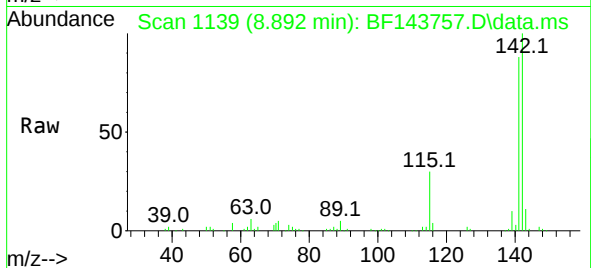
WC-29MS

Tgt Ion:142 Resp: 101675

Ion Ratio Lower Upper

142 100

141 88.3 71.1 106.7



#38

1-Methylnaphthalene

Concen: 54.593 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143757.D

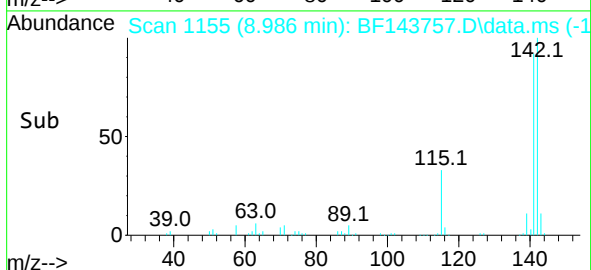
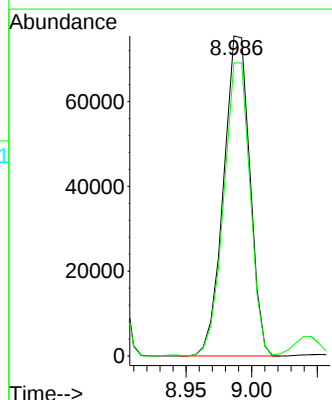
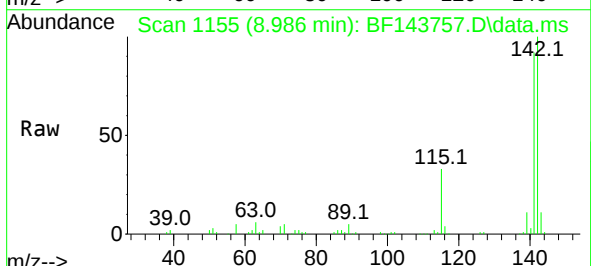
Acq: 15 Sep 2025 17:58

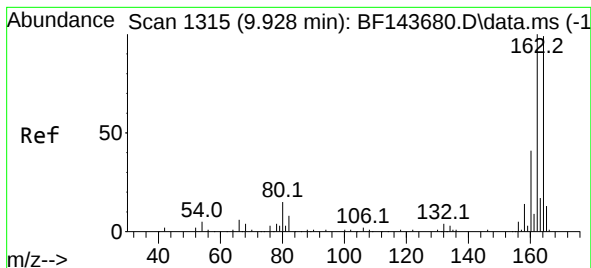
Tgt Ion:142 Resp: 105258

Ion Ratio Lower Upper

142 100

141 91.6 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

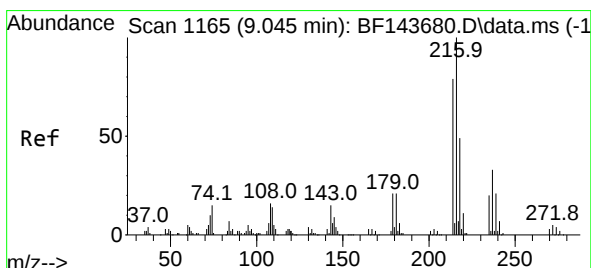
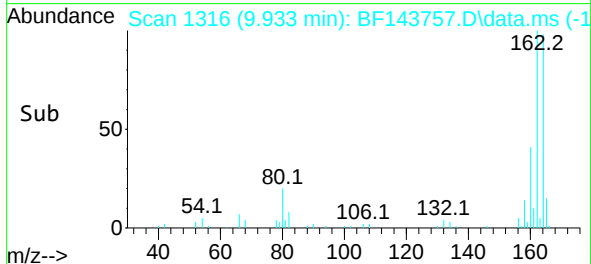
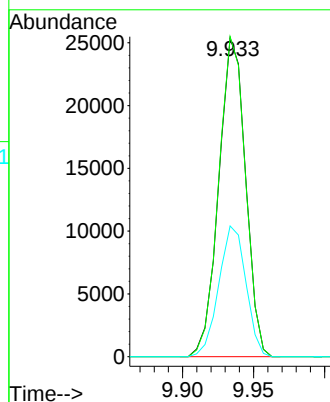
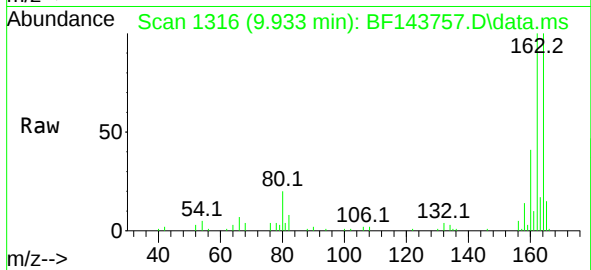
Tgt Ion:164 Resp: 33245

Ion Ratio Lower Upper

164 100

162 100.3 80.6 121.0

160 41.0 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.745 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Tgt Ion:216 Resp: 58766

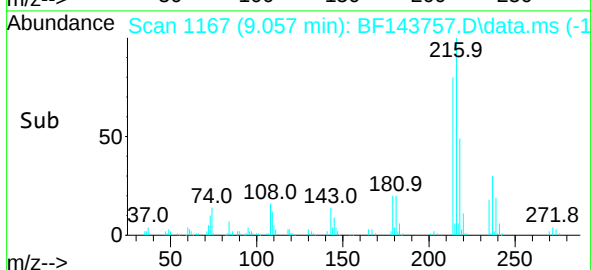
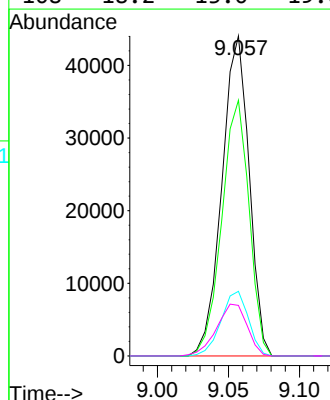
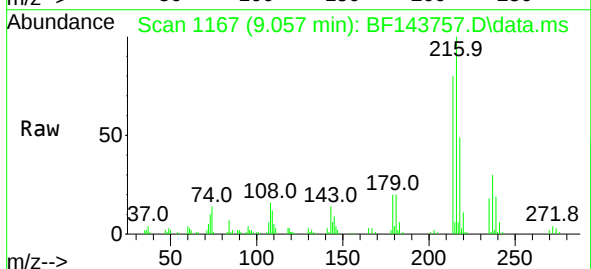
Ion Ratio Lower Upper

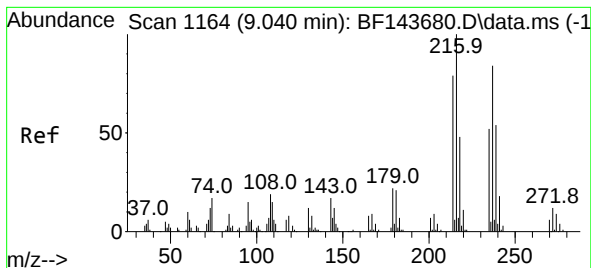
216 100

214 79.9 63.2 94.8

179 20.3 16.8 25.2

108 18.2 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 129.596 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

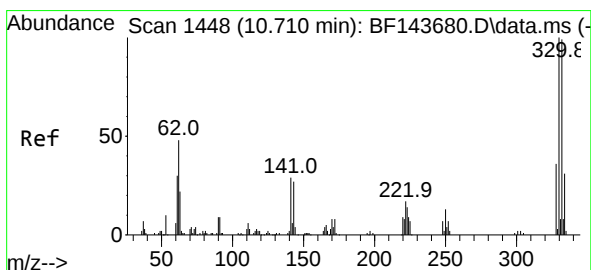
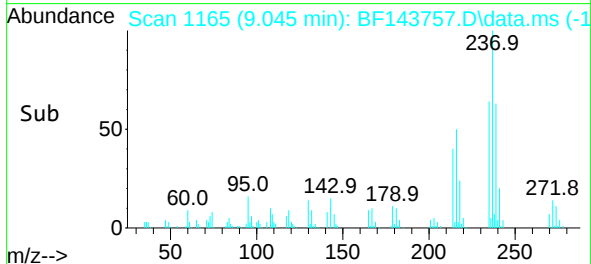
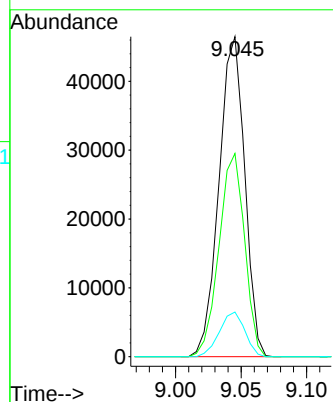
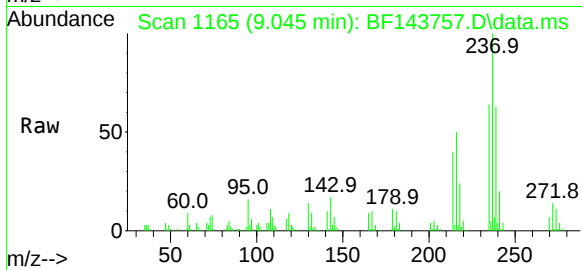
Tgt Ion:237 Resp: 63324

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

272 14.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 193.932 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

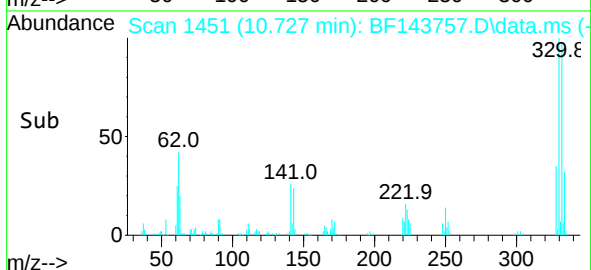
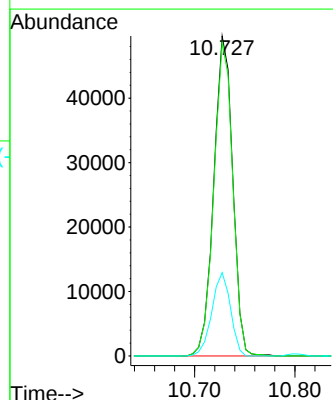
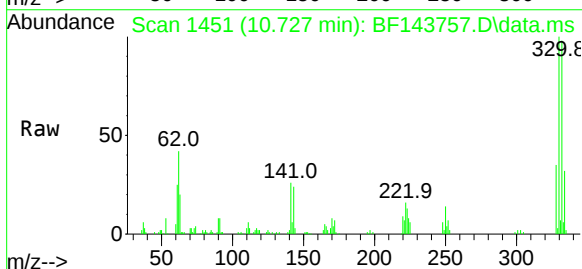
Tgt Ion:330 Resp: 64974

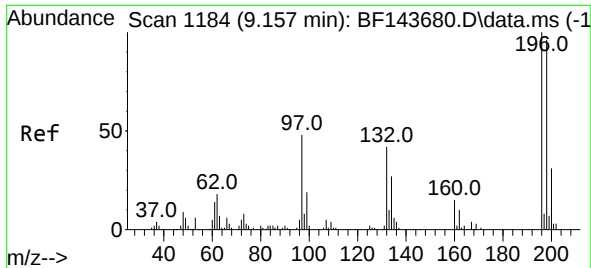
Ion Ratio Lower Upper

330 100

332 97.8 79.2 118.8

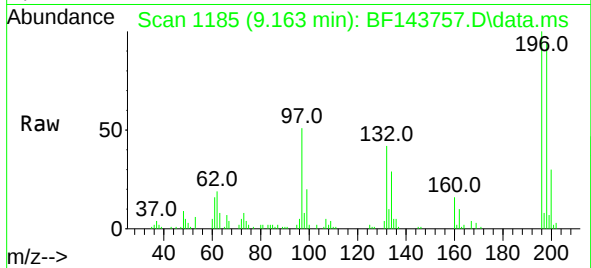
141 25.7 22.2 33.4



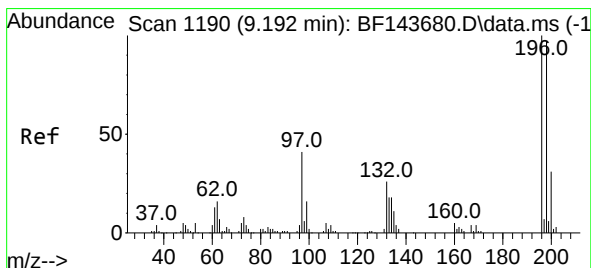
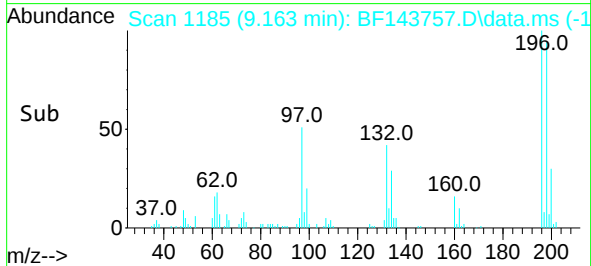
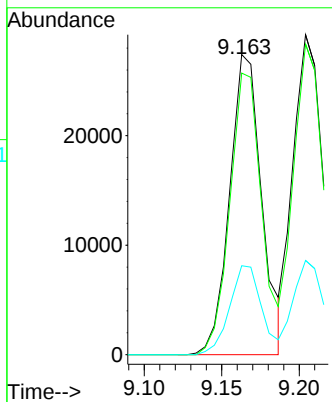


#43
2,4,6-Trichlorophenol
Concen: 62.085 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Instrument :
BNA_F
ClientSampleId :
WC-29MS

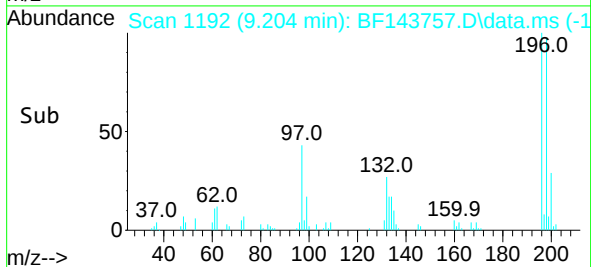
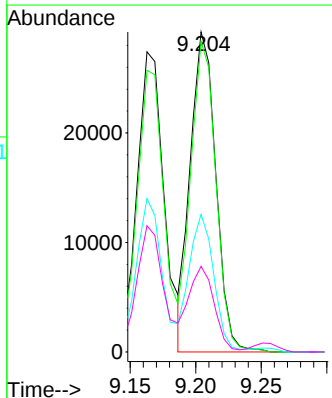
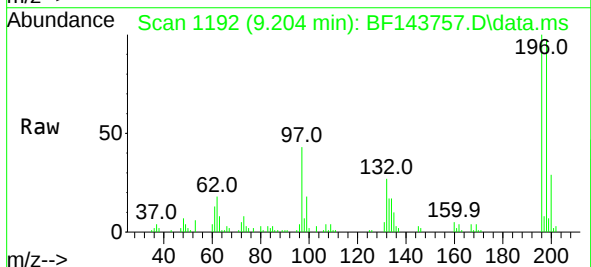


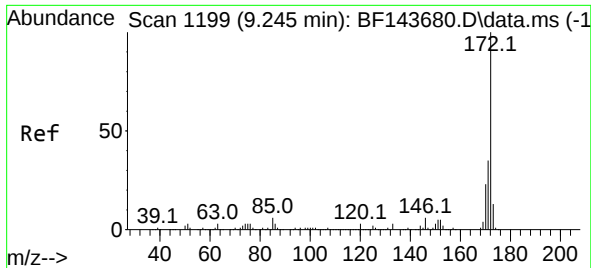
Tgt Ion:196 Resp: 39457
Ion Ratio Lower Upper
196 100
198 93.8 76.5 114.7
200 29.7 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 61.226 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:196 Resp: 39557
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.6
97 43.0 34.2 51.4
132 26.7 21.8 32.6

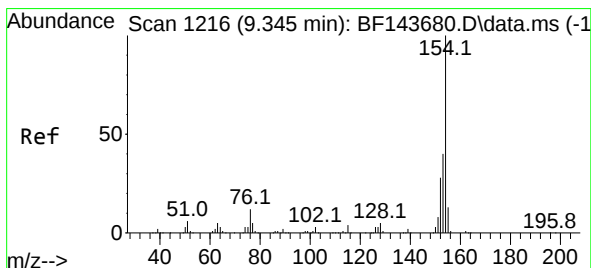
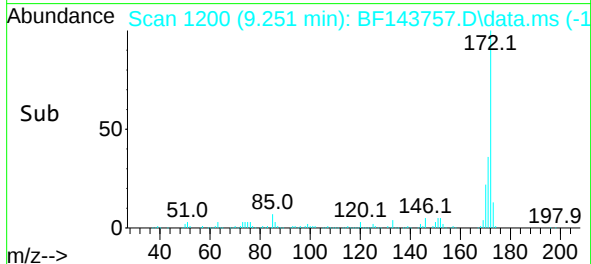
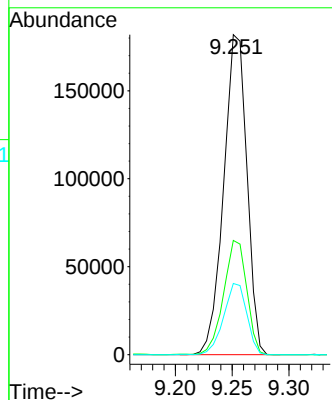
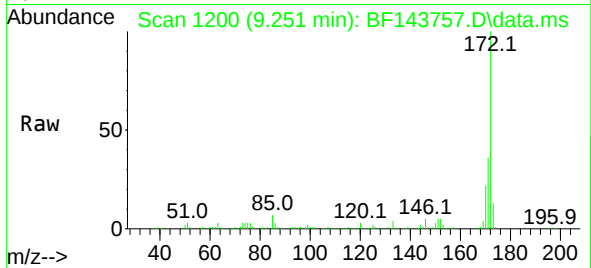




#45
2-Fluorobiphenyl
Concen: 117.669 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

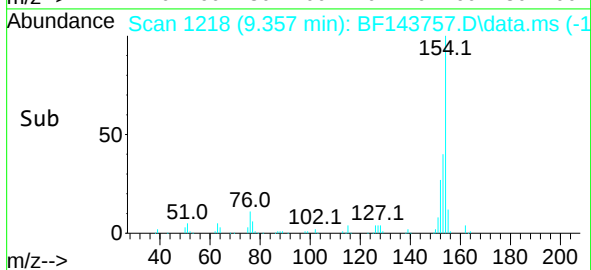
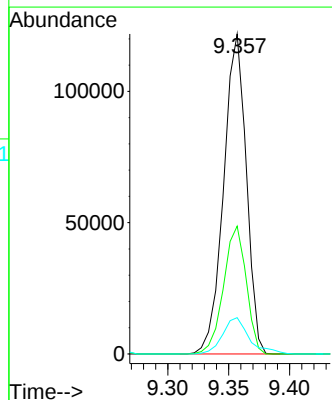
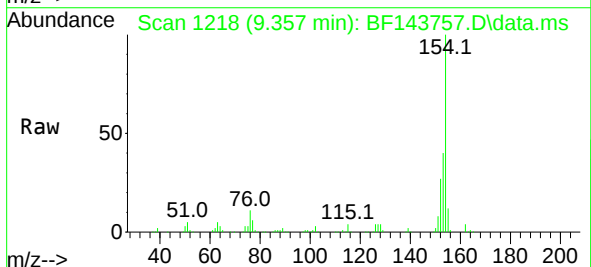
Instrument :
BNA_F
ClientSampleId :
WC-29MS

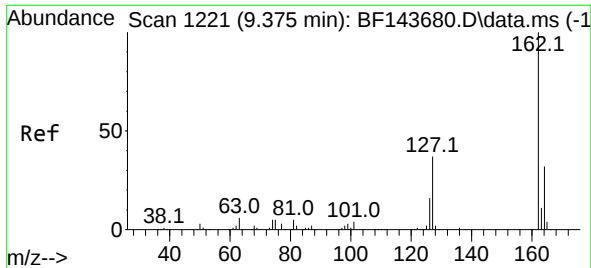
Tgt Ion:172 Resp: 258961
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 22.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 65.913 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:154 Resp: 157754
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 11.4 0.0 31.6

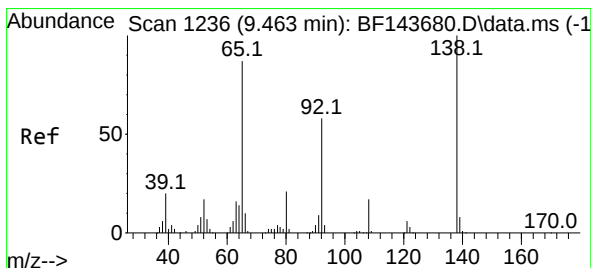
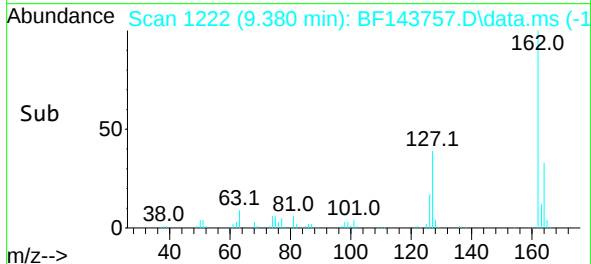
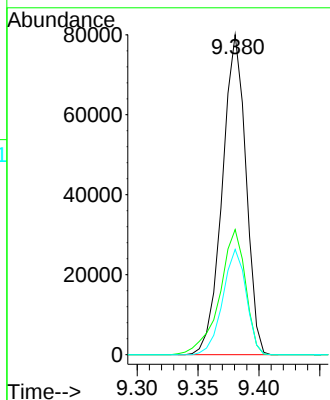
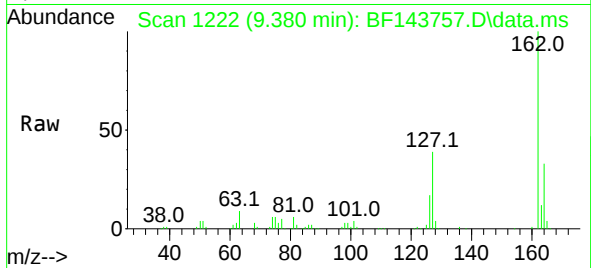




#47
2-Chloronaphthalene
Concen: 57.390 ng
RT: 9.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

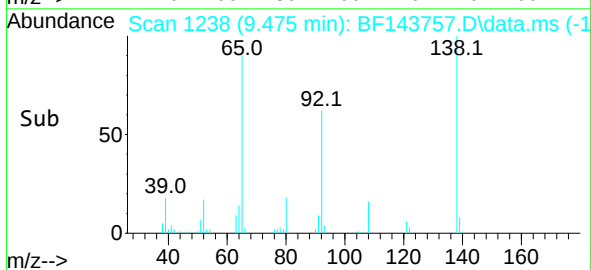
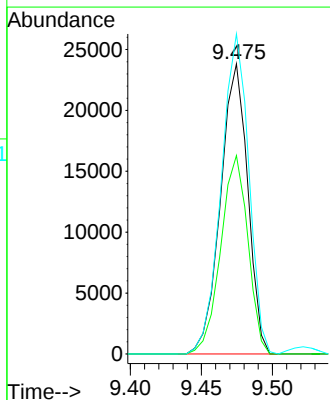
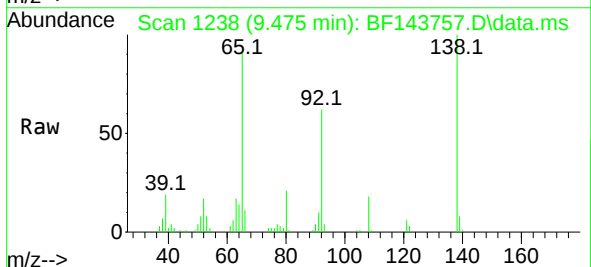
Instrument :
BNA_F
ClientSampleId :
WC-29MS

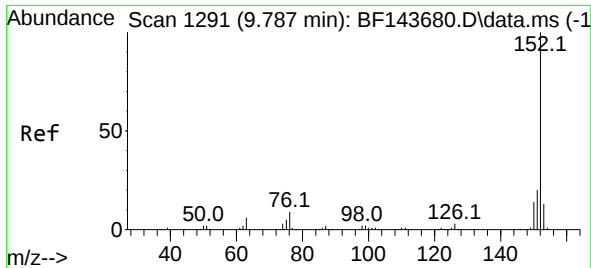
Tgt Ion:162 Resp: 107681
Ion Ratio Lower Upper
162 100
127 39.1 30.6 45.8
164 32.9 25.8 38.8



#48
2-Nitroaniline
Concen: 63.821 ng
RT: 9.475 min Scan# 1238
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion: 65 Resp: 31690
Ion Ratio Lower Upper
65 100
92 68.4 53.3 79.9
138 110.3 92.1 138.1





#49

Acenaphthylene

Concen: 68.219 ng

RT: 9.798 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

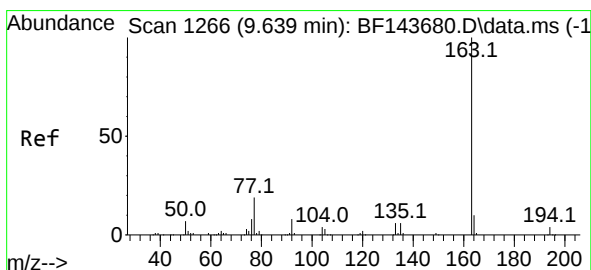
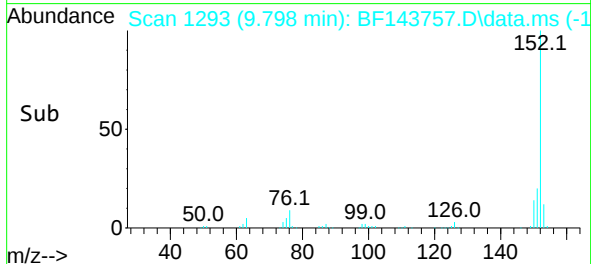
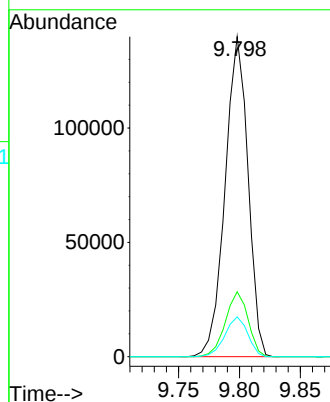
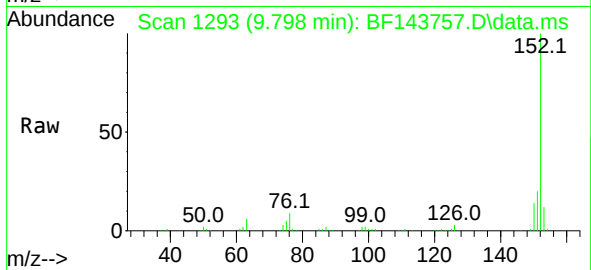
Tgt Ion:152 Resp: 183351

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 12.5 10.4 15.6



#50

Dimethylphthalate

Concen: 61.349 ng

RT: 9.657 min Scan# 1269

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

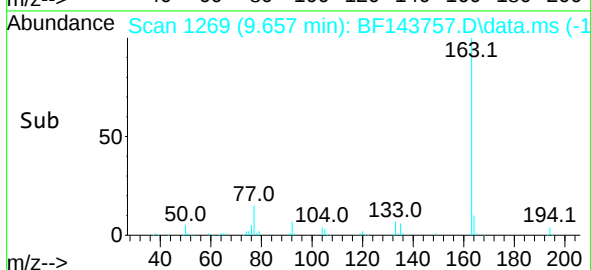
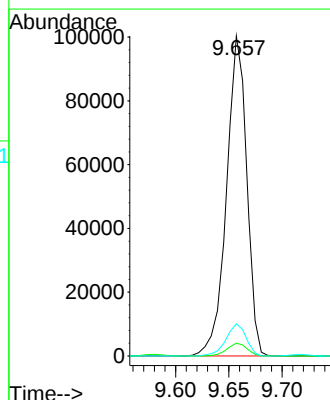
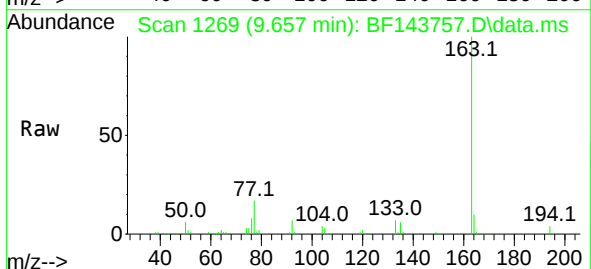
Tgt Ion:163 Resp: 132699

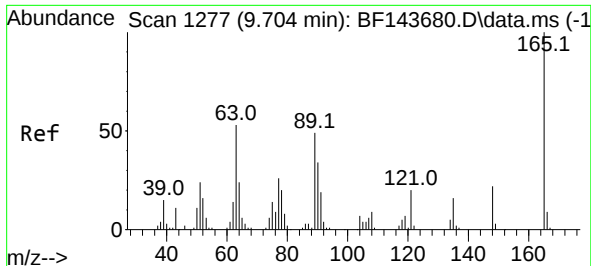
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 68.014 ng

RT: 9.716 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

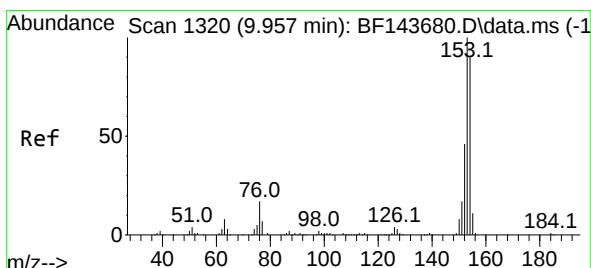
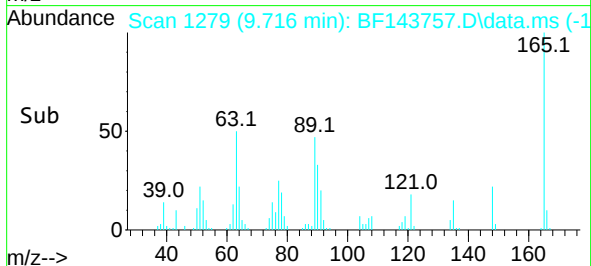
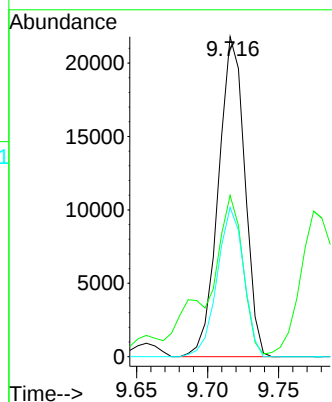
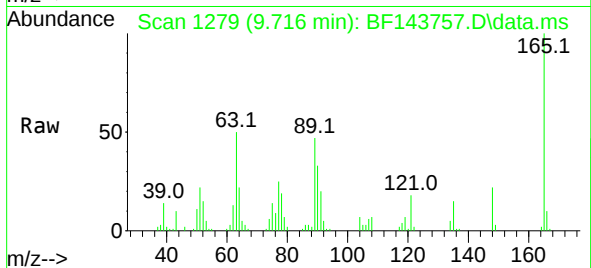
Tgt Ion:165 Resp: 28128

Ion Ratio Lower Upper

165 100

63 50.4 42.2 63.4

89 46.6 39.3 58.9



#52

Acenaphthene

Concen: 63.861 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

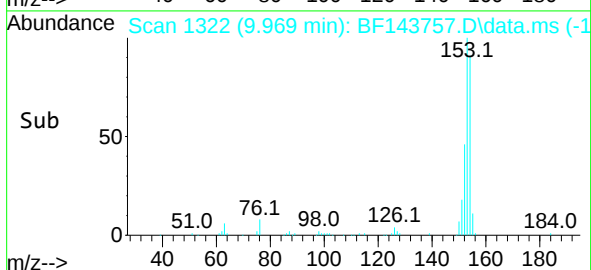
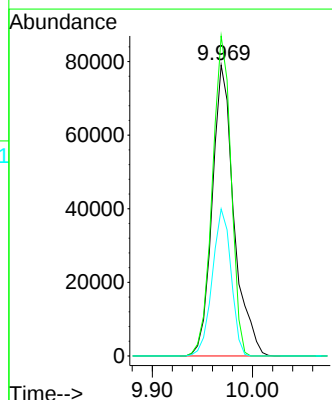
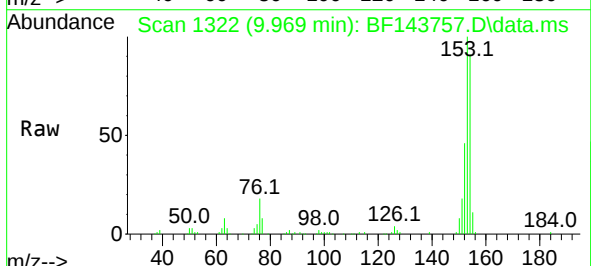
Tgt Ion:154 Resp: 118275

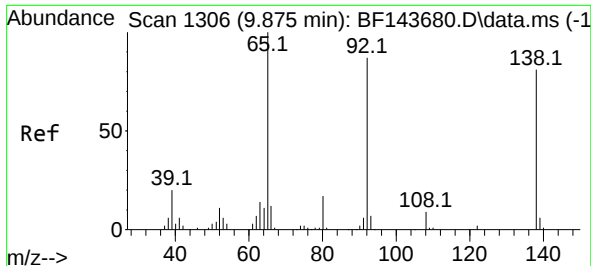
Ion Ratio Lower Upper

154 100

153 110.0 89.4 134.0

152 50.5 41.2 61.8

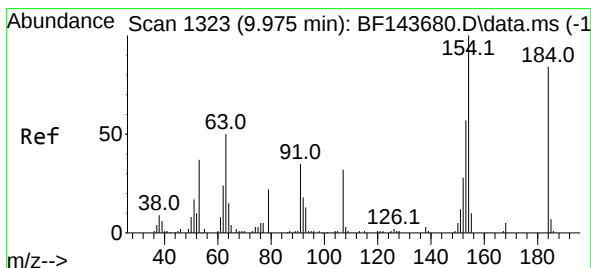
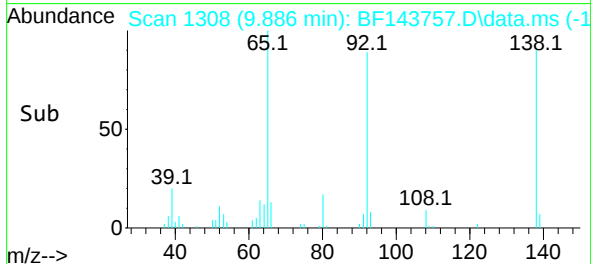
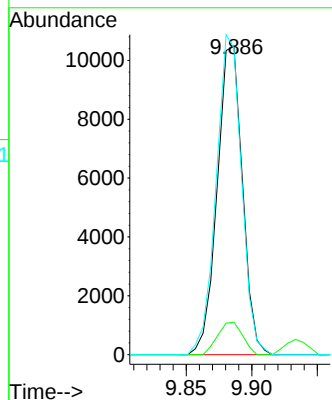
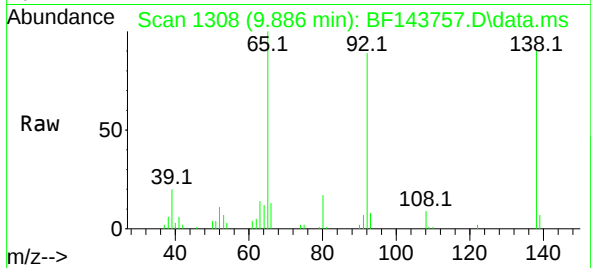




#53
3-Nitroaniline
Concen: 31.517 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

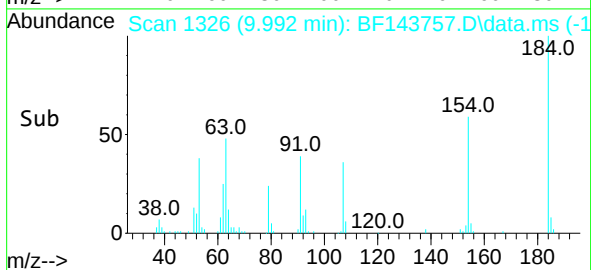
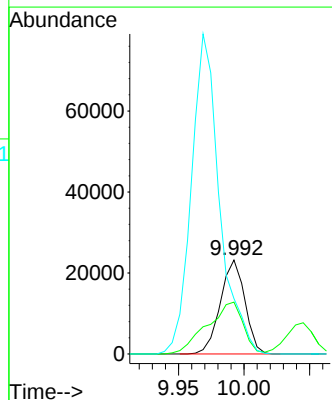
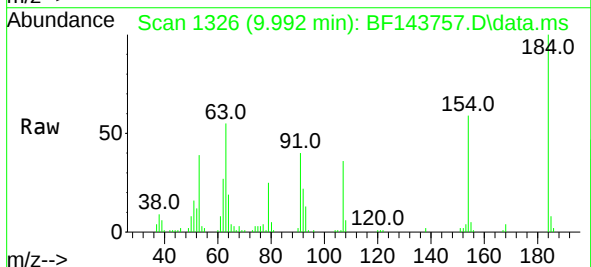
Instrument :
BNA_F
ClientSampleId :
WC-29MS

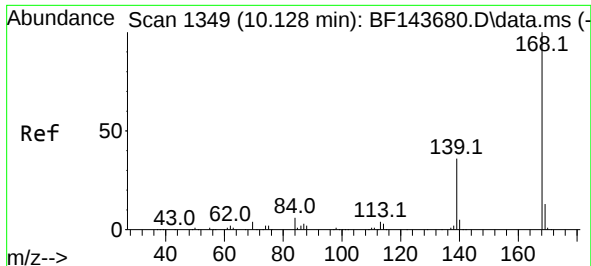
Tgt Ion:138 Resp: 14027
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 99.4 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 131.531 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:184 Resp: 30126
Ion Ratio Lower Upper
184 100
63 55.1 52.7 79.1
154 58.9 136.6 204.8#

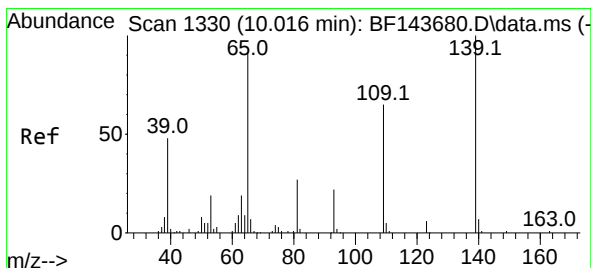
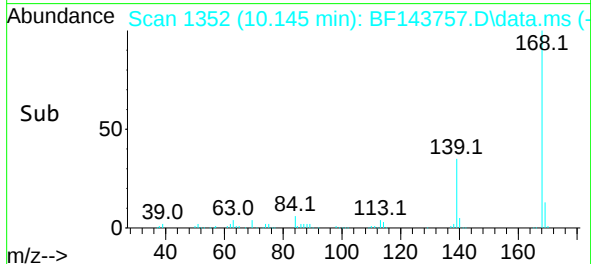
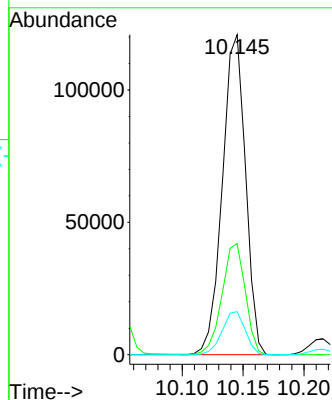
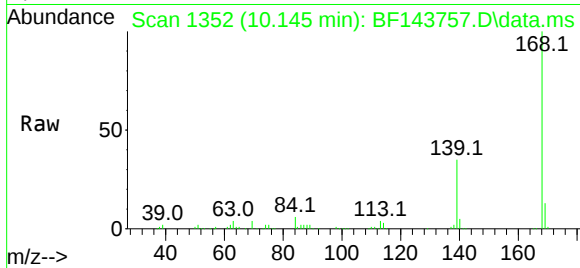




#55
Dibenzenofuran
Concen: 60.002 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

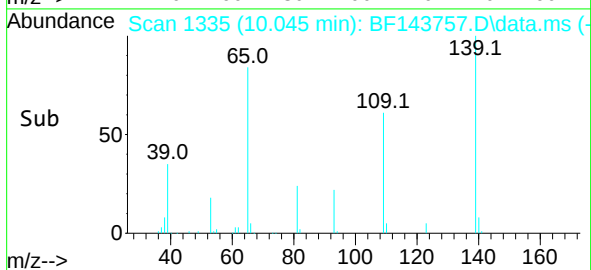
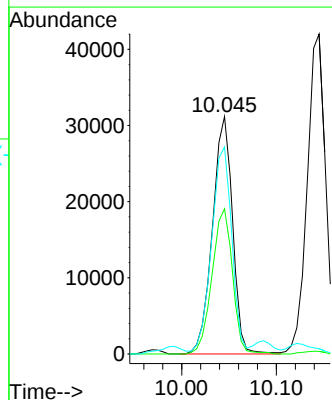
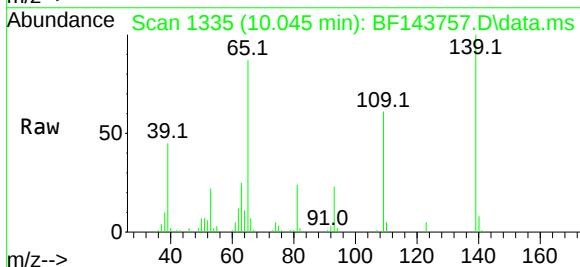
Instrument :
BNA_F
ClientSampleId :
WC-29MS

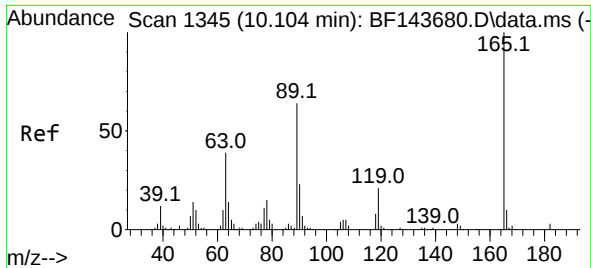
Tgt Ion:168 Resp: 159796
Ion Ratio Lower Upper
168 100
139 34.8 29.0 43.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 130.005 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.029 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:139 Resp: 46032
Ion Ratio Lower Upper
139 100
109 61.1 45.2 85.2
65 87.2 72.1 112.1

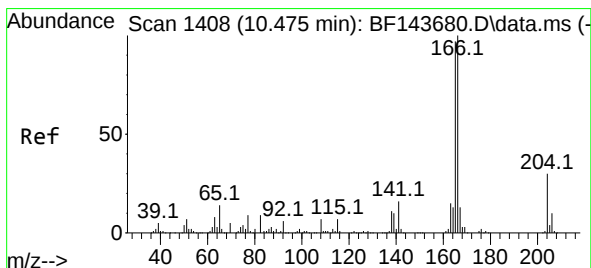
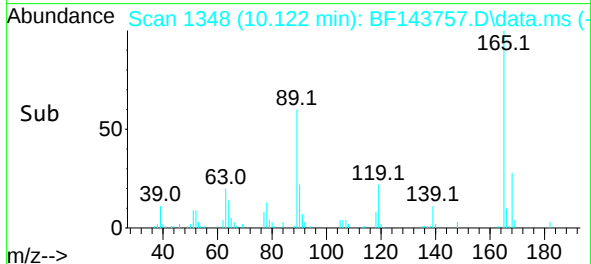
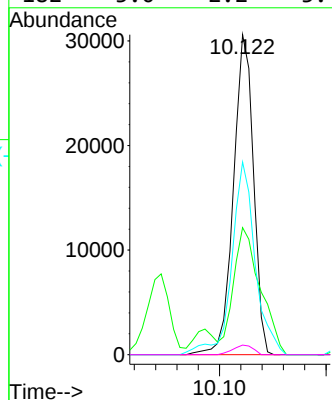
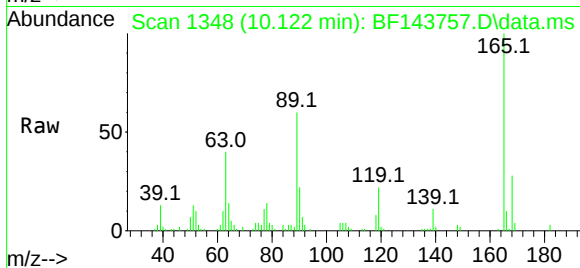




#57
2,4-Dinitrotoluene
Concen: 70.973 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

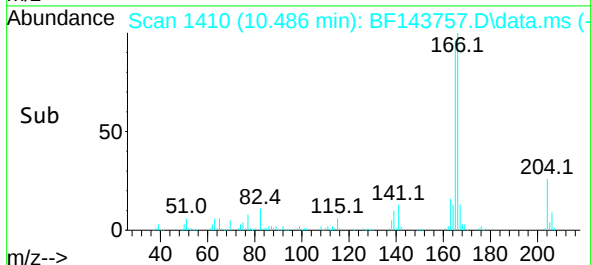
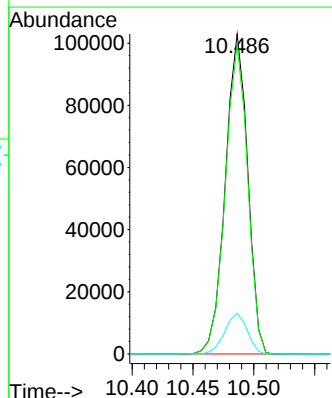
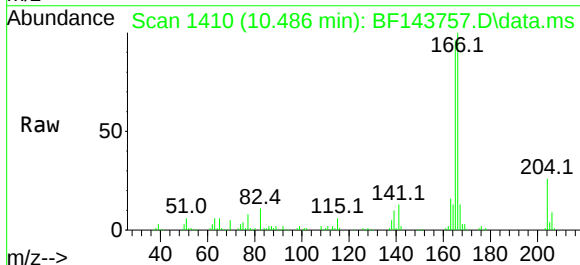
Instrument :
BNA_F
ClientSampleId :
WC-29MS

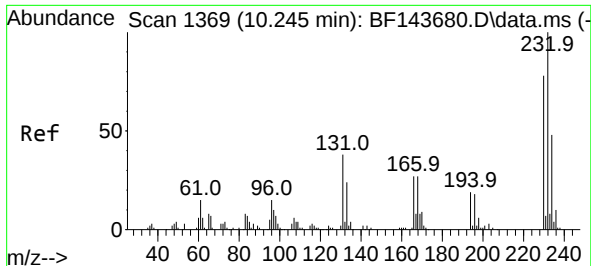
Tgt Ion:165	Resp:	39948
Ion Ratio	Lower	Upper
165	100	
63	39.7	31.5 47.3
89	60.2	51.3 76.9
182	3.0	2.2 3.4



#58
Fluorene
Concen: 62.969 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:166	Resp:	131272
Ion Ratio	Lower	Upper
166	100	
165	96.4	77.5 116.3
167	12.7	10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 64.971 ng

RT: 10.257 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

Tgt Ion:232 Resp: 34037

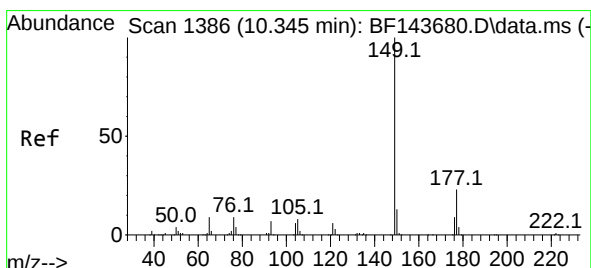
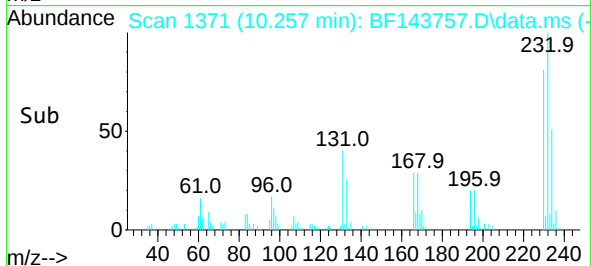
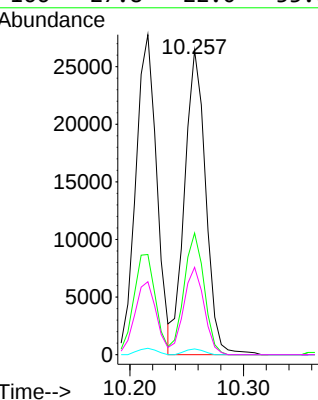
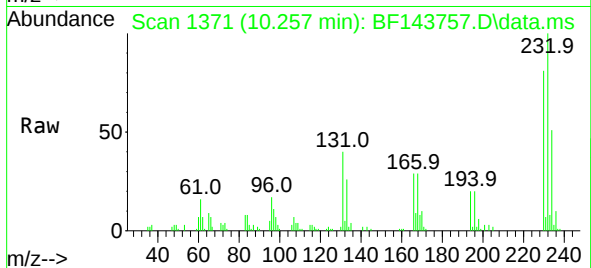
Ion Ratio Lower Upper

232 100

131 38.2 31.9 47.9

130 1.7 1.4 2.0

166 27.8 22.0 33.0



#60

Diethylphthalate

Concen: 60.477 ng

RT: 10.357 min Scan# 1388

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

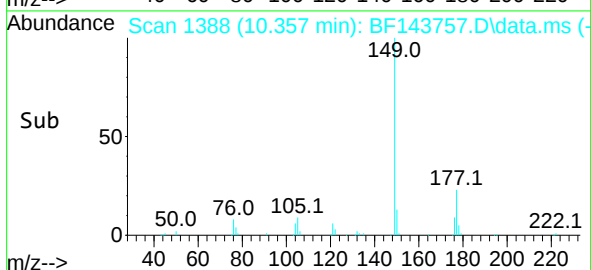
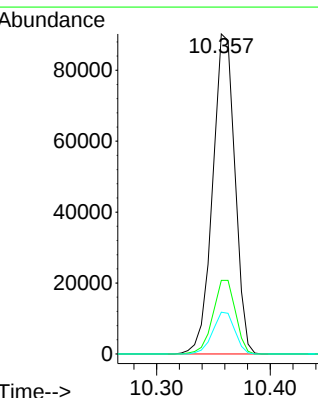
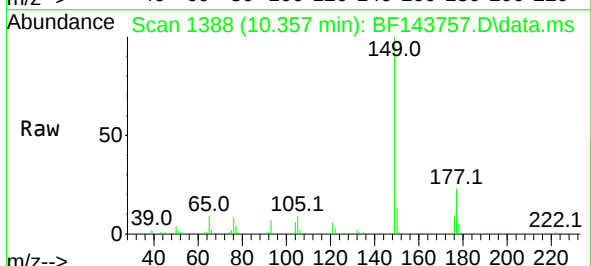
Tgt Ion:149 Resp: 122810

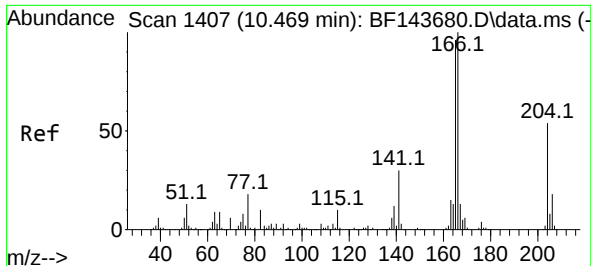
Ion Ratio Lower Upper

149 100

177 23.0 18.2 27.2

150 13.1 10.0 15.0

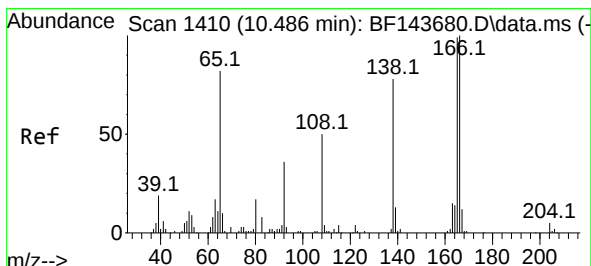
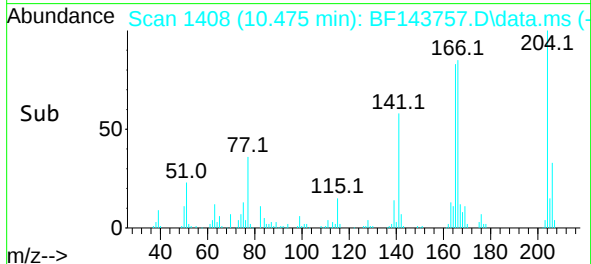
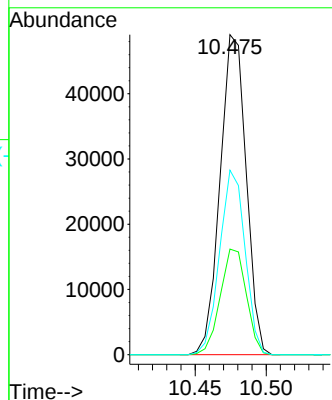
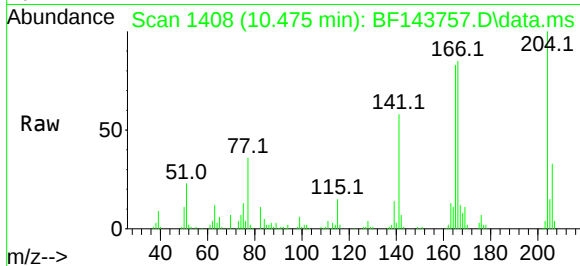




#61
4-Chlorophenyl-phenylether
Concen: 59.310 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

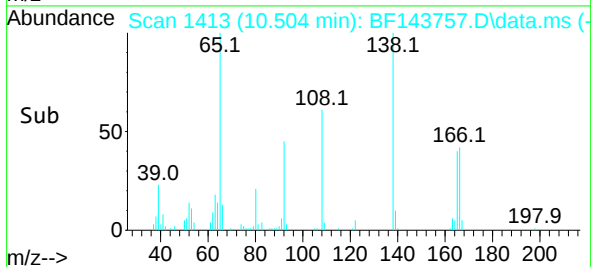
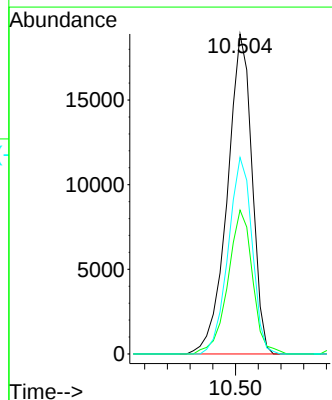
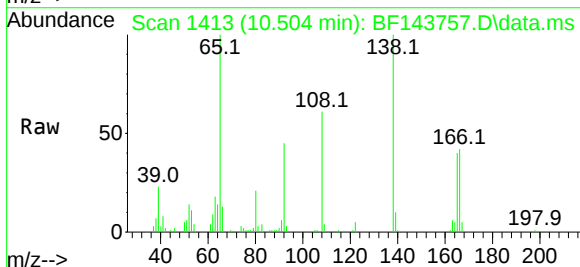
Instrument :
BNA_F
ClientSampleId :
WC-29MS

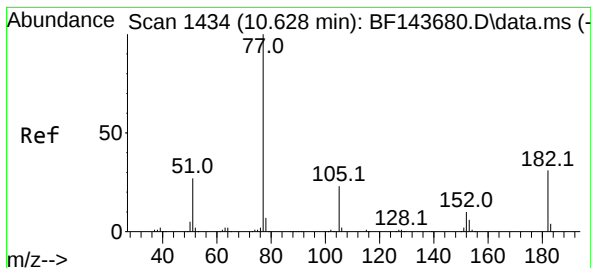
Tgt Ion:204 Resp: 62707
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 57.6 44.8 67.2



#62
4-Nitroaniline
Concen: 67.500 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:138 Resp: 28453
Ion Ratio Lower Upper
138 100
92 44.9 26.4 66.4
108 61.4 44.3 84.3





#63

Azobenzene

Concen: 60.879 ng

RT: 10.639 min Scan# 1436

Delta R.T. 0.012 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

Tgt Ion: 77 Resp: 109294

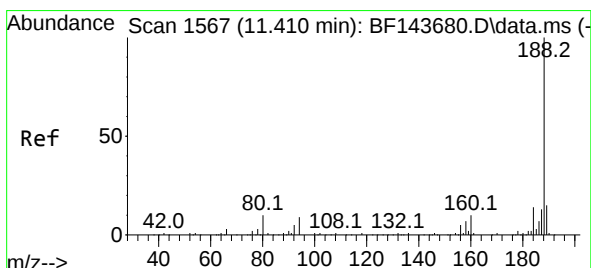
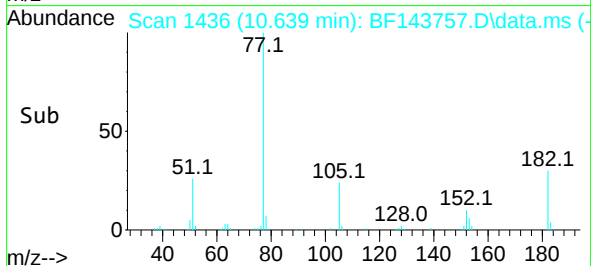
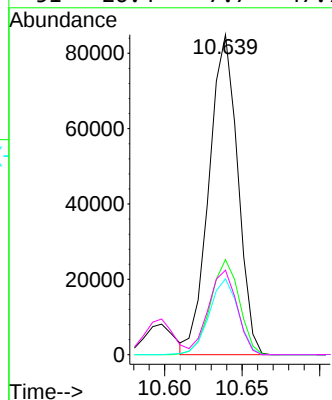
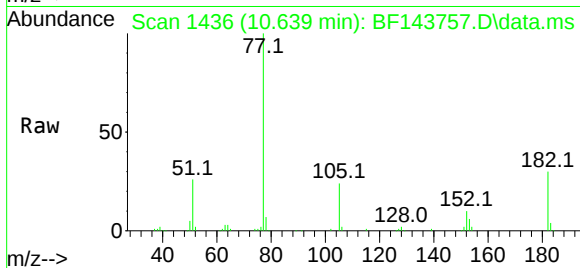
Ion Ratio Lower Upper

77 100

182 29.7 10.8 50.8

105 23.7 3.2 43.2

51 26.4 7.7 47.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

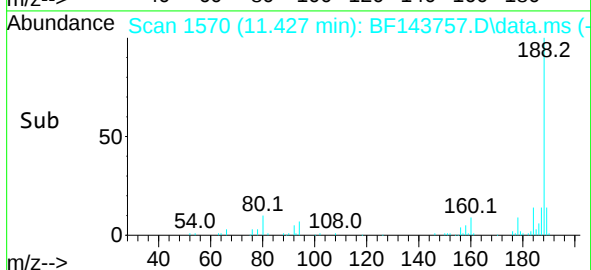
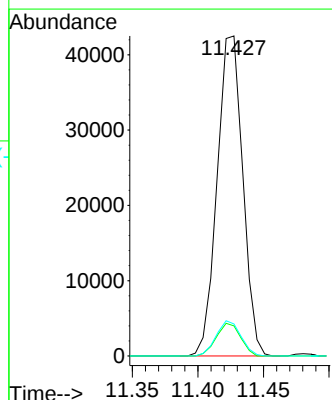
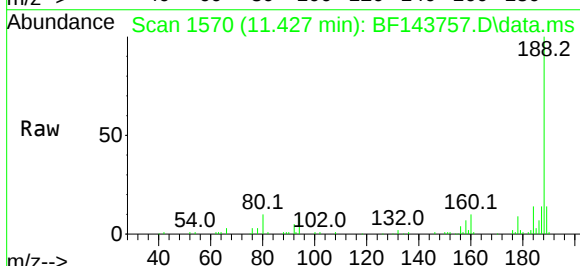
Tgt Ion:188 Resp: 57772

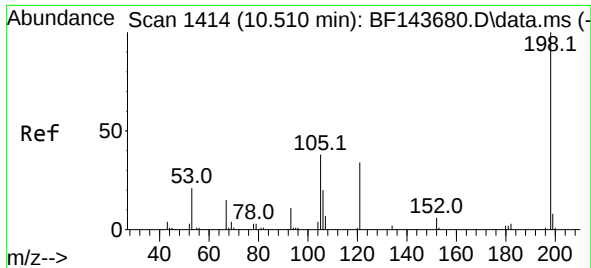
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 10.0 7.7 11.5

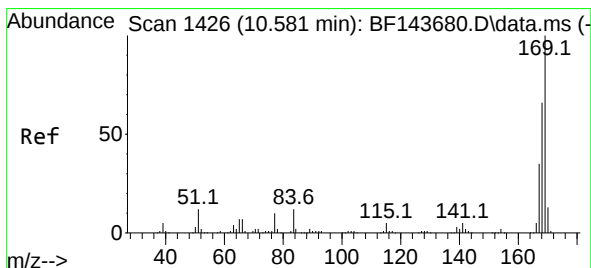
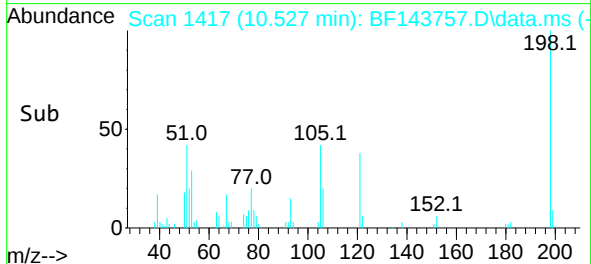
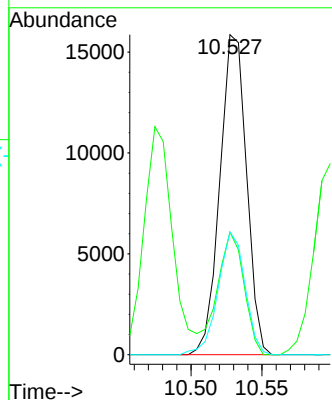
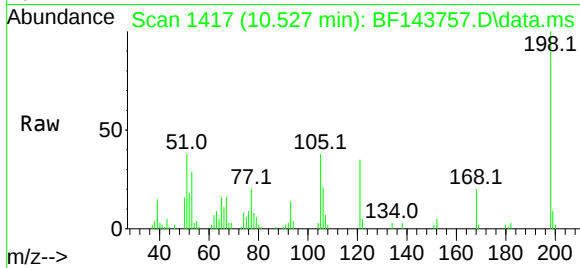




#65
4,6-Dinitro-2-methylphenol
Concen: 70.378 ng
RT: 10.527 min Scan# 1417
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

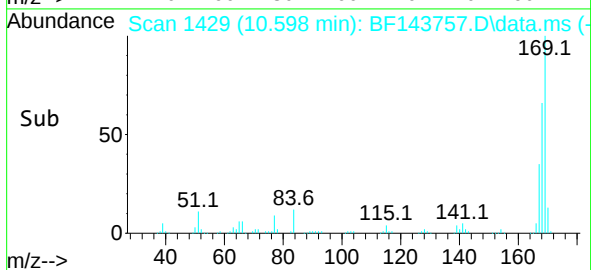
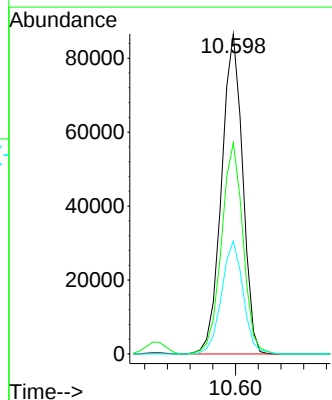
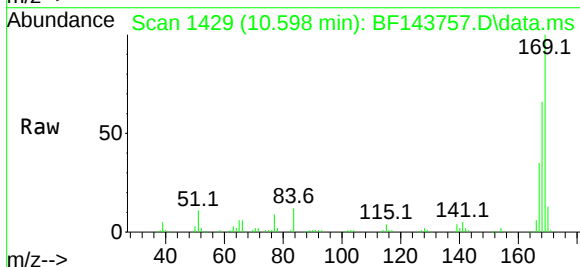
Instrument :
BNA_F
ClientSampleId :
WC-29MS

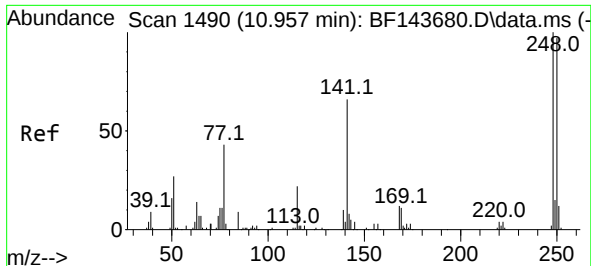
Tgt Ion:198 Resp: 20701
Ion Ratio Lower Upper
198 100
51 38.3 21.2 61.2
105 38.4 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 58.926 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:169 Resp: 111524
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 35.2 28.1 42.1

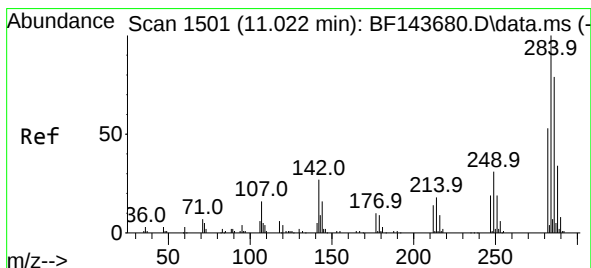
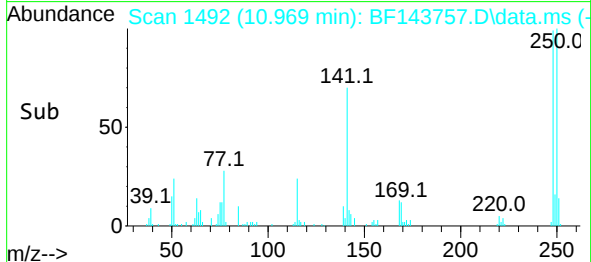
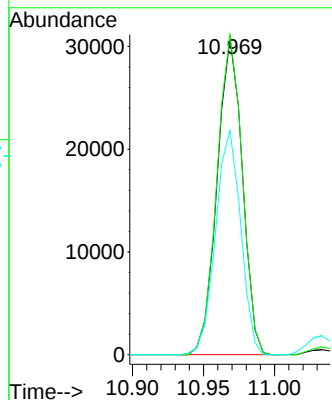
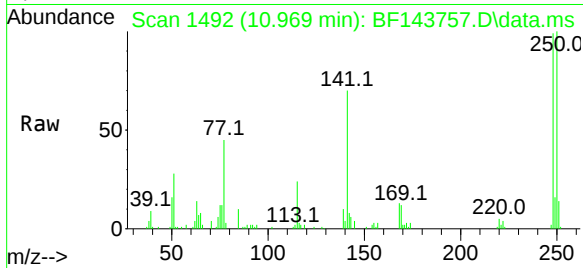




#67
4-Bromophenyl-phenylether
Concen: 54.540 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

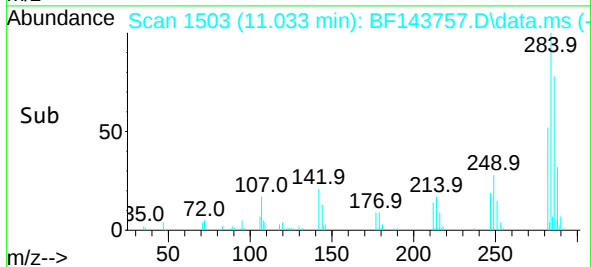
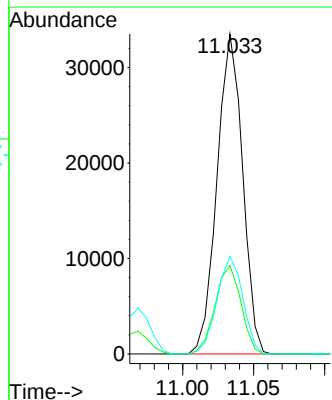
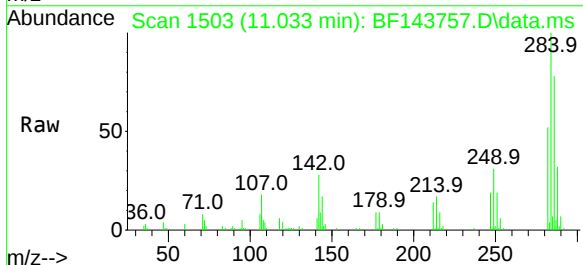
Instrument :
BNA_F
ClientSampleId :
WC-29MS

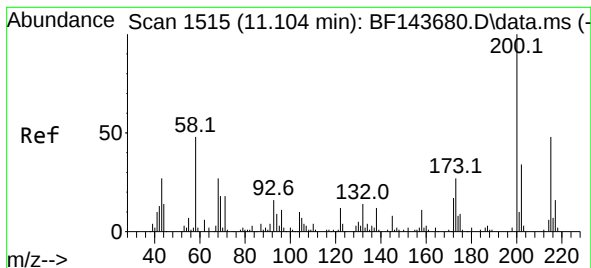
Tgt Ion:248 Resp: 37997
Ion Ratio Lower Upper
248 100
250 100.9 77.5 116.3
141 70.7 52.6 79.0



#68
Hexachlorobenzene
Concen: 56.951 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:284 Resp: 41894
Ion Ratio Lower Upper
284 100
142 27.6 21.3 31.9
249 30.5 25.0 37.4





#69

Atrazine

Concen: 60.630 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

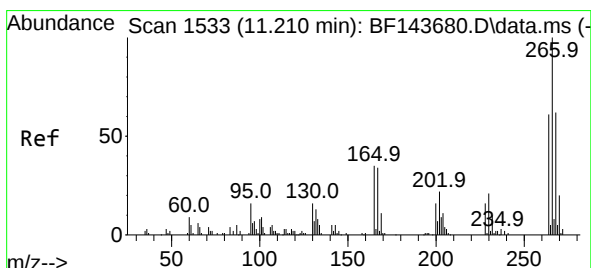
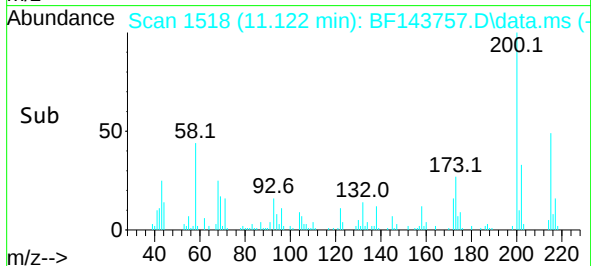
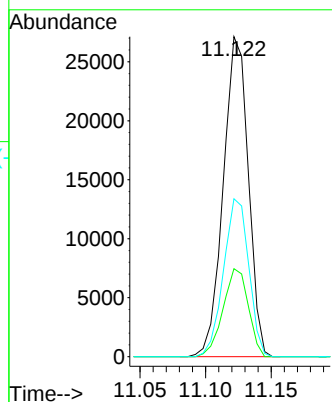
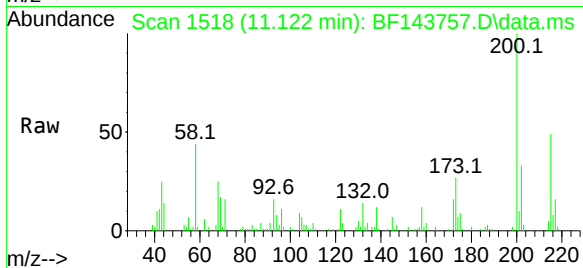
Tgt Ion:200 Resp: 35979

Ion Ratio Lower Upper

200 100

173 27.5 7.3 47.3

215 49.3 28.5 68.5



#70

Pentachlorophenol

Concen: 120.786 ng

RT: 11.227 min Scan# 1536

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

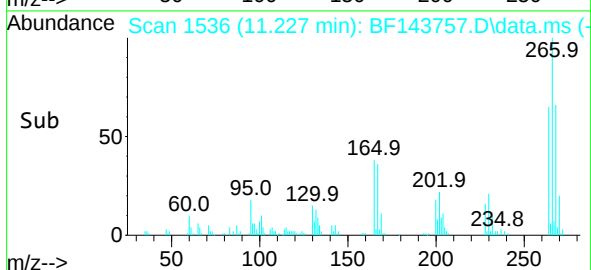
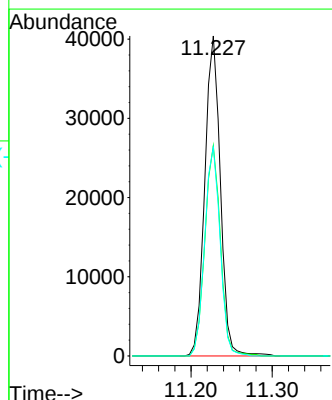
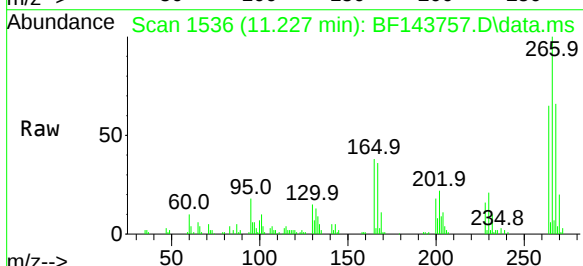
Tgt Ion:266 Resp: 53712

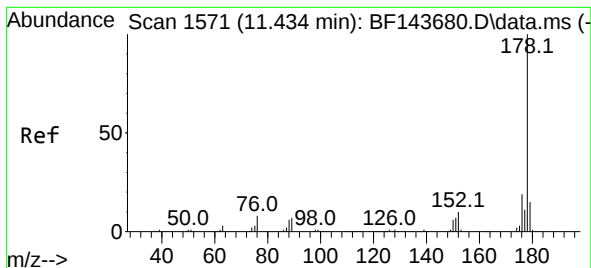
Ion Ratio Lower Upper

266 100

268 65.7 49.2 73.8

264 65.2 48.6 73.0





#71

Phenanthrene

Concen: 58.495 ng

RT: 11.451 min Scan# 11

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

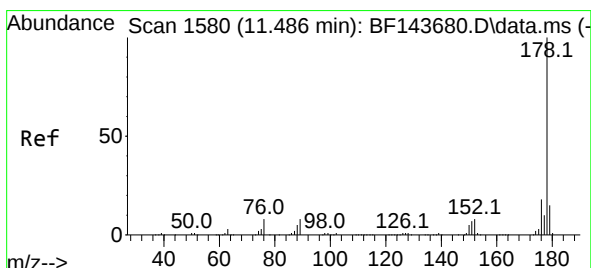
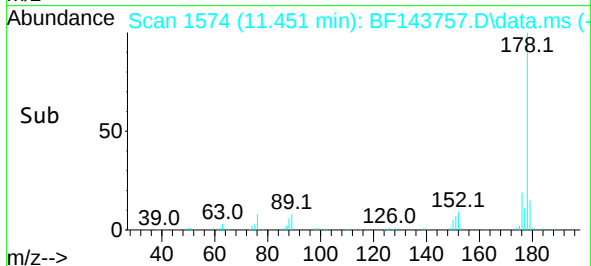
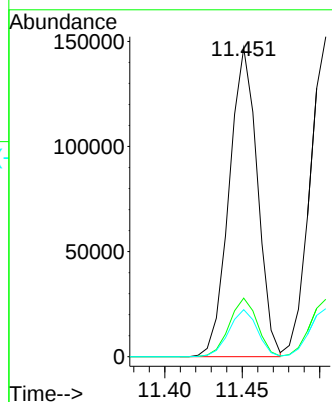
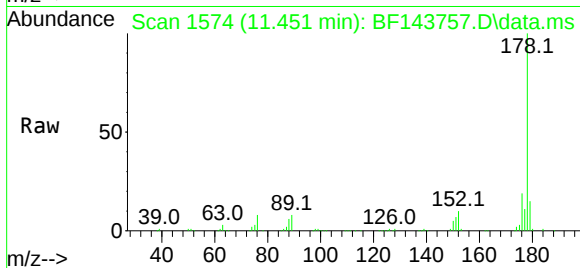
Tgt Ion:178 Resp: 186196

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.2 12.2 18.2



#72

Anthracene

Concen: 59.581 ng

RT: 11.504 min Scan# 1583

Delta R.T. 0.017 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

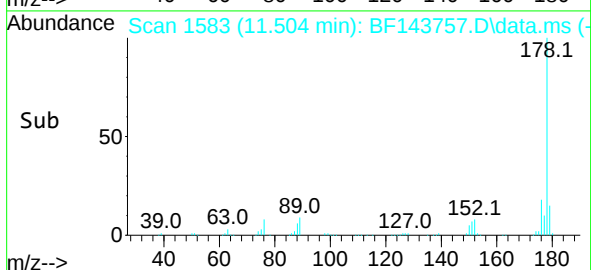
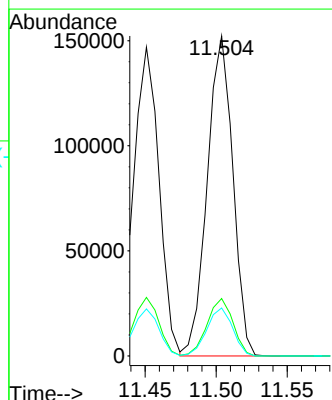
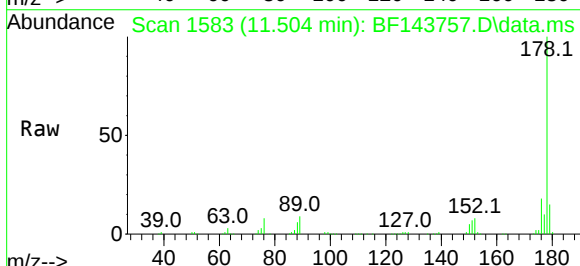
Tgt Ion:178 Resp: 190699

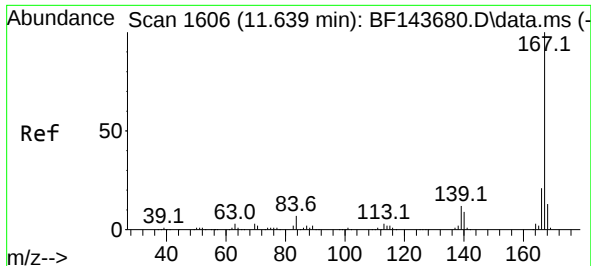
Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

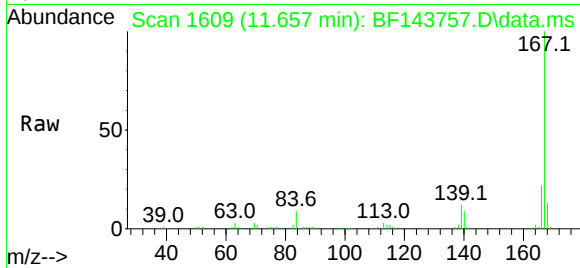
179 15.0 12.2 18.2



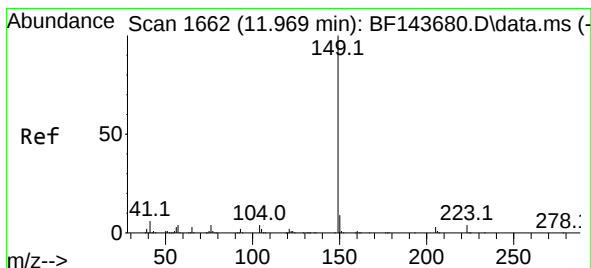
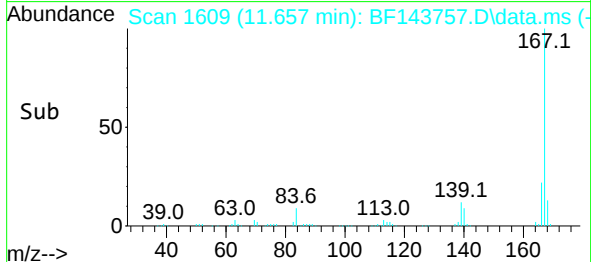
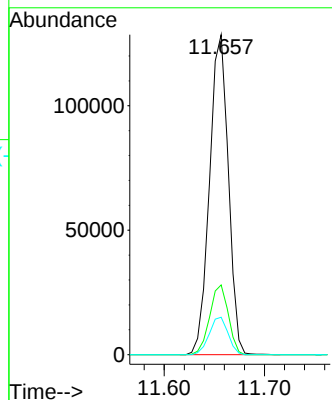


#73
Carbazole
Concen: 64.006 ng
RT: 11.657 min Scan# 1609
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Instrument :
BNA_F
ClientSampleId :
WC-29MS

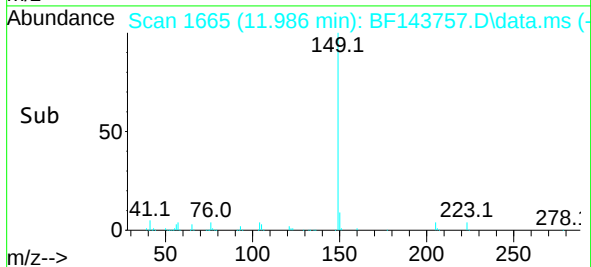
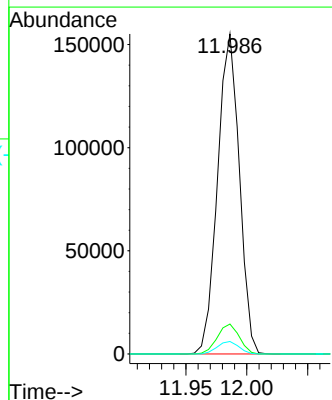
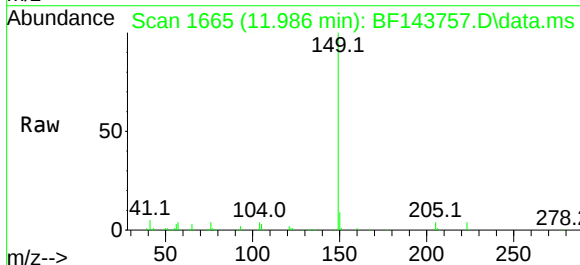


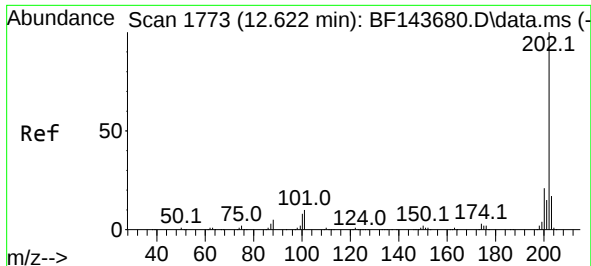
Tgt Ion:167 Resp: 167775
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.4
139 11.7 9.7 14.5



#74
Di-n-butylphthalate
Concen: 61.209 ng
RT: 11.986 min Scan# 1665
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:149 Resp: 193162
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 3.9 3.3 4.9

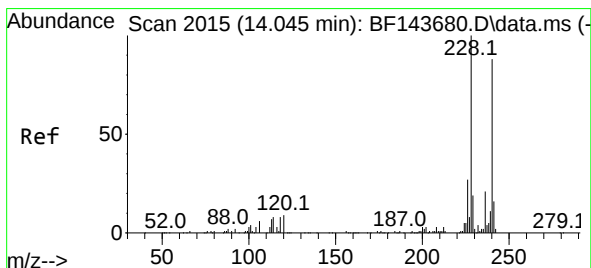
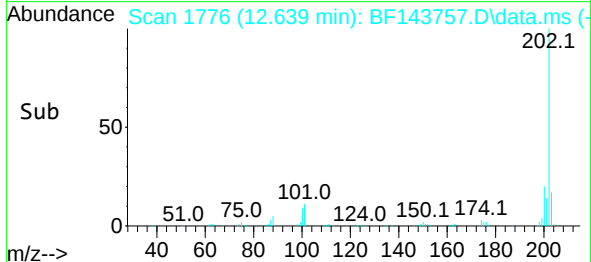
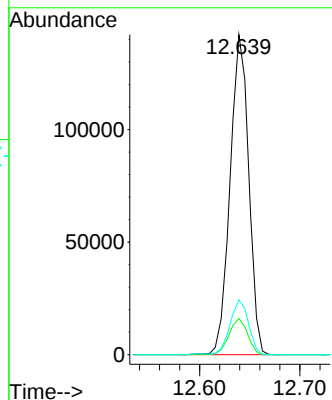
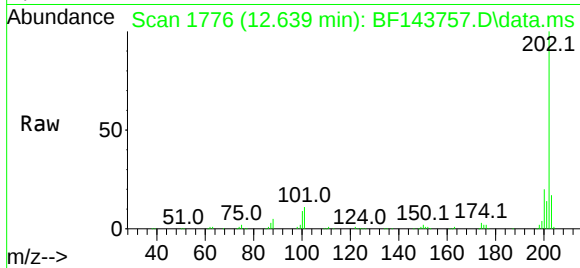




#75
 Fluoranthene
 Concen: 62.885 ng
 RT: 12.639 min Scan# 1
 Delta R.T. 0.017 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

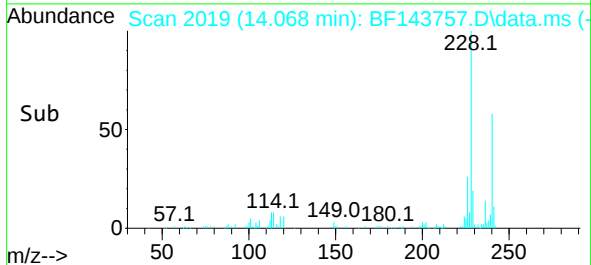
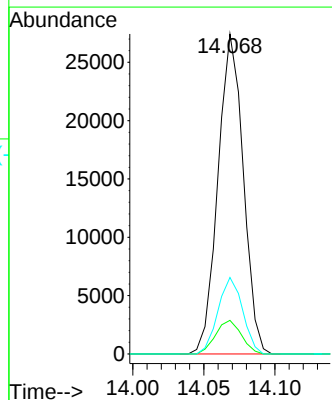
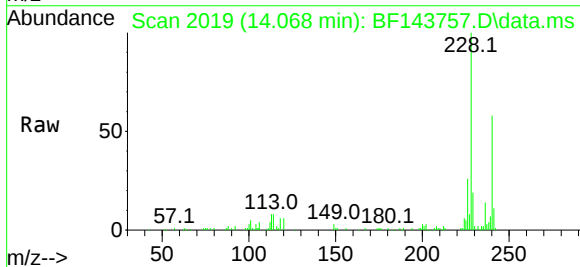
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MS

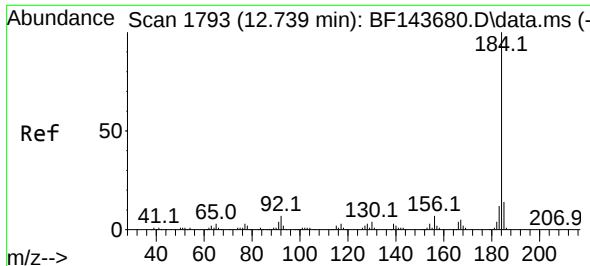
Tgt Ion:202 Resp: 183760
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.5
 203 17.1 0.0 37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.068 min Scan# 2019
 Delta R.T. 0.023 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

Tgt Ion:240 Resp: 33945
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 23.9 18.6 28.0

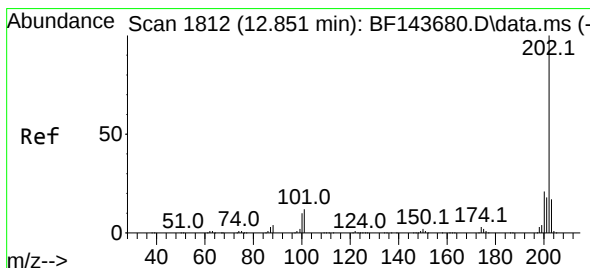
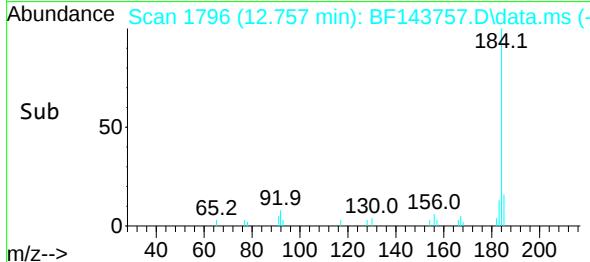
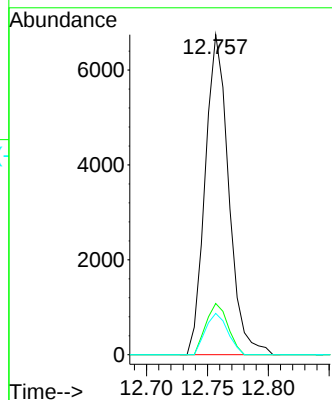
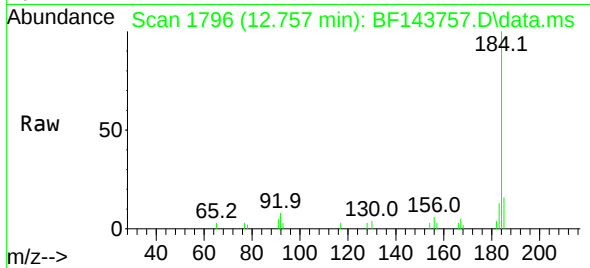




#77
Benzidine
Concen: 8.202 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

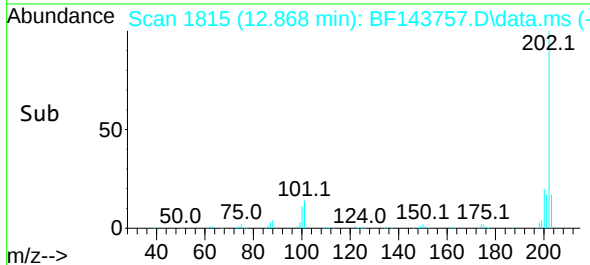
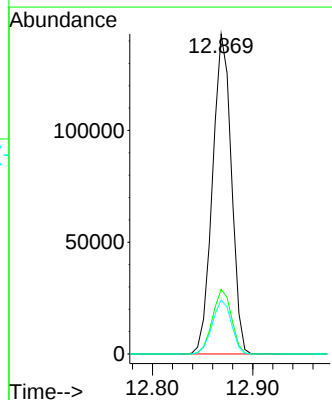
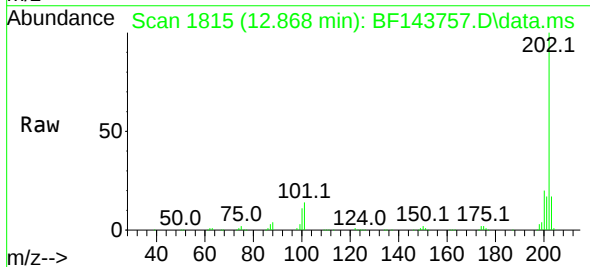
Instrument :
BNA_F
ClientSampleId :
WC-29MS

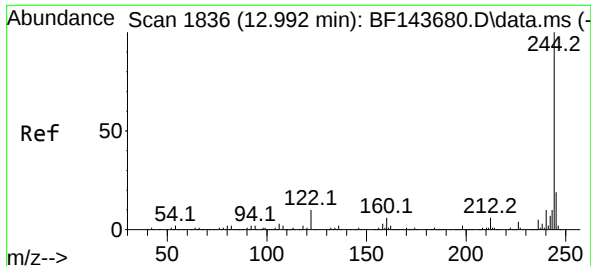
Tgt Ion:184 Resp: 9079
Ion Ratio Lower Upper
184 100
185 16.0 11.5 17.3
183 12.9 9.4 14.2



#78
Pyrene
Concen: 68.688 ng
RT: 12.868 min Scan# 1815
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:202 Resp: 186422
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 16.9 13.5 20.3

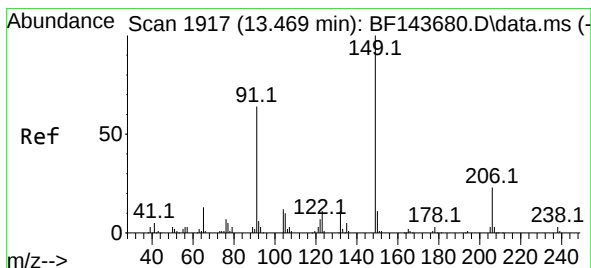
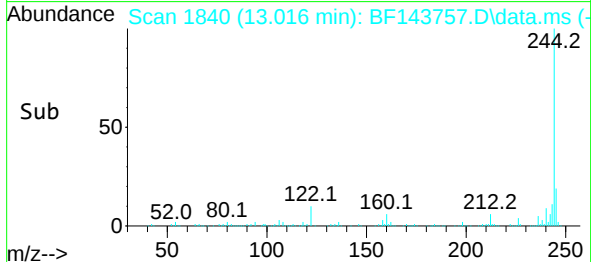
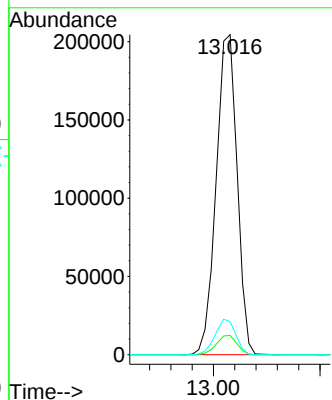
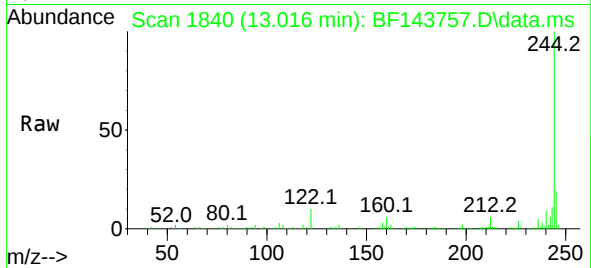




#79
 Terphenyl-d14
 Concen: 132.891 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.023 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

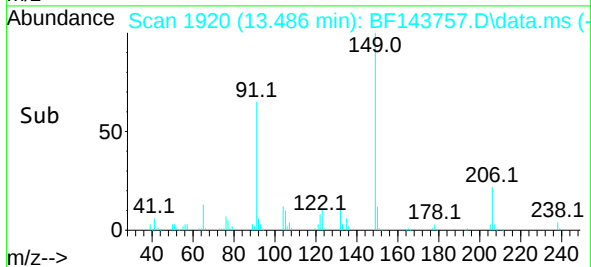
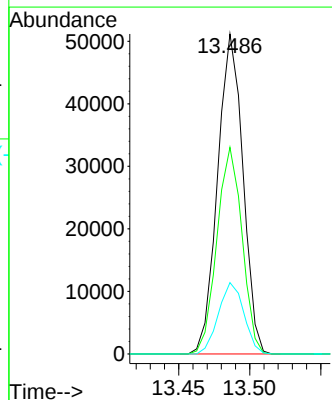
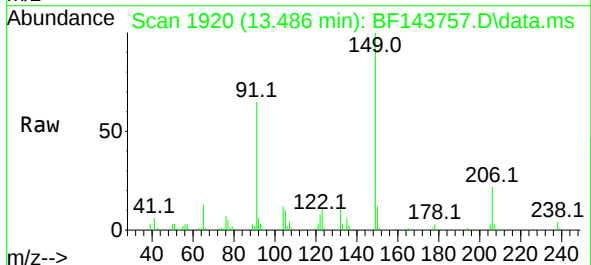
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MS

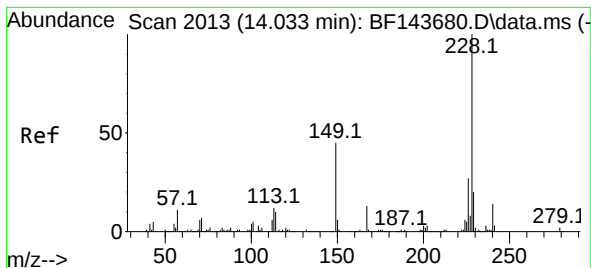
Tgt Ion:244 Resp: 278366
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.6
 122 10.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 74.625 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.017 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

Tgt Ion:149 Resp: 63458
 Ion Ratio Lower Upper
 149 100
 91 64.6 50.9 76.3
 206 22.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 59.902 ng

RT: 14.057 min Scan# 2011

Delta R.T. 0.023 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

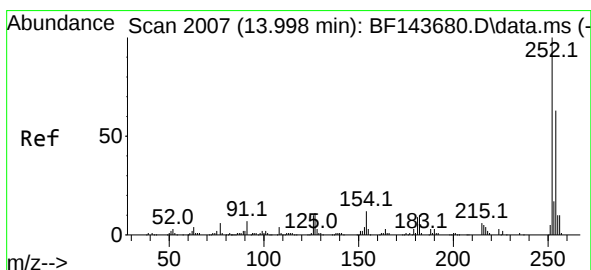
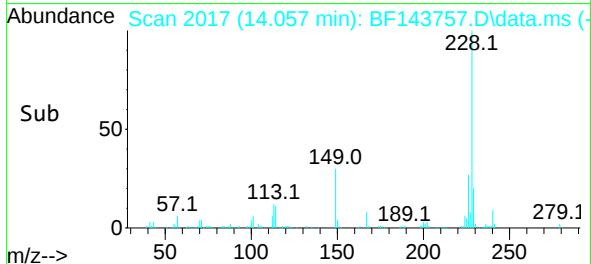
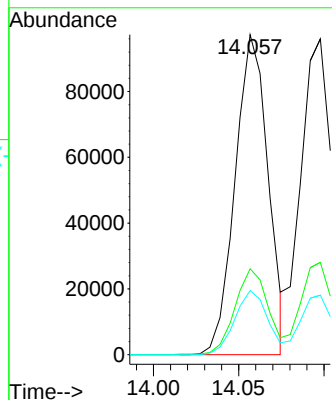
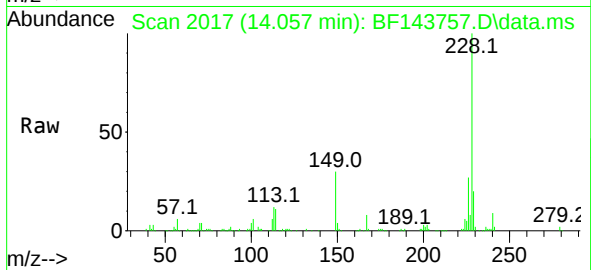
Tgt Ion:228 Resp: 130815

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 21.697 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.023 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

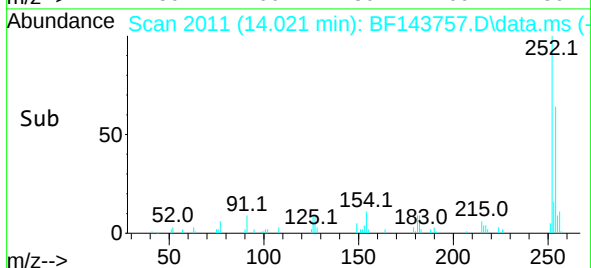
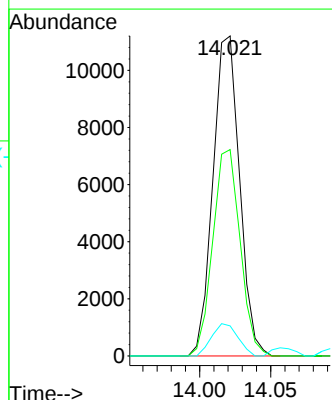
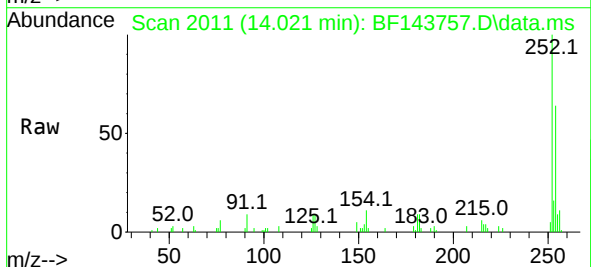
Tgt Ion:252 Resp: 14577

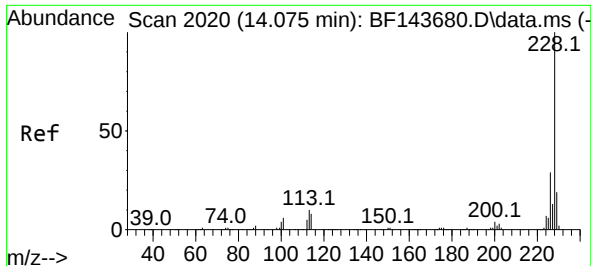
Ion Ratio Lower Upper

252 100

254 64.5 50.5 75.7

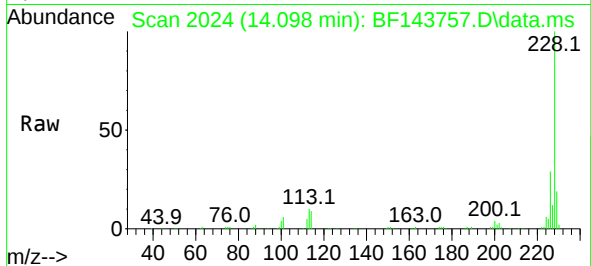
126 9.4 8.2 12.4



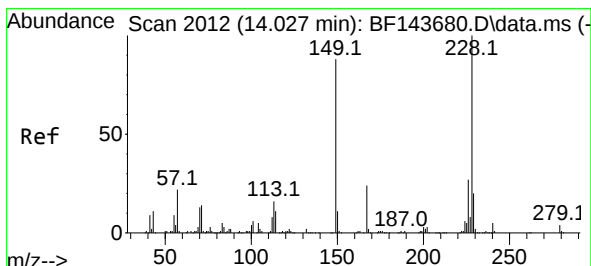
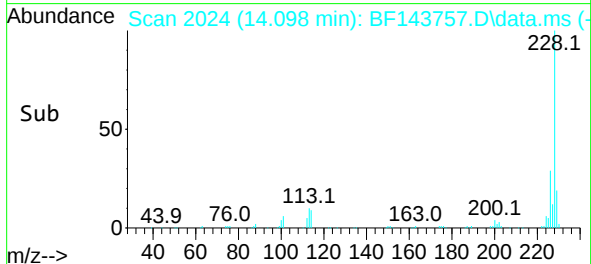
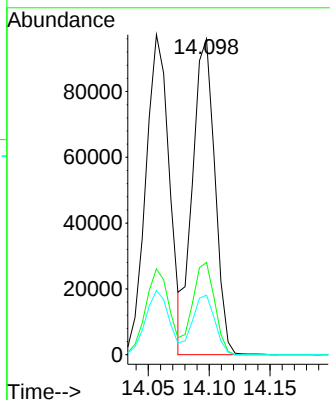


#83
Chrysene
Concen: 61.227 ng
RT: 14.098 min Scan# 2015
Delta R.T. 0.023 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Instrument :
BNA_F
ClientSampleId :
WC-29MS

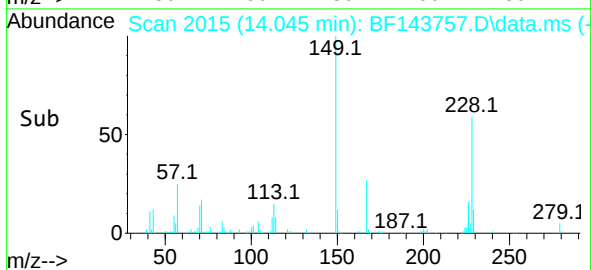
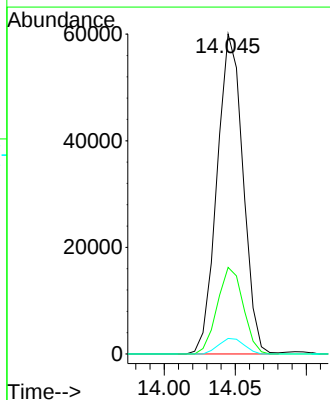
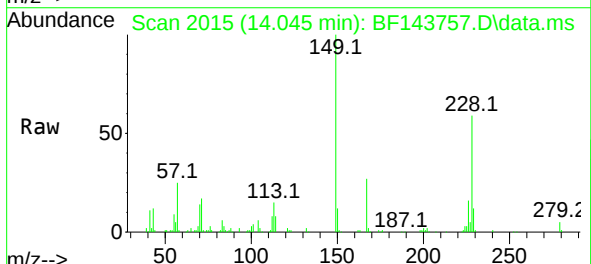


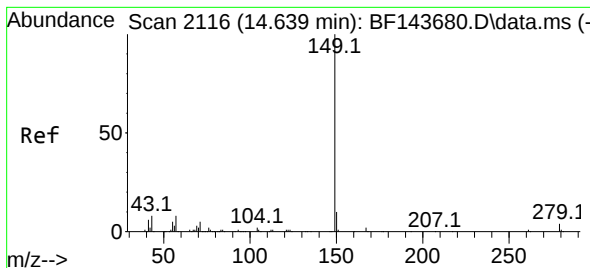
Tgt Ion:228 Resp: 122460
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 18.9 15.1 22.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.812 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.017 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:149 Resp: 76210
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.611 ng

RT: 14.663 min Scan# 2116

Delta R.T. 0.023 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

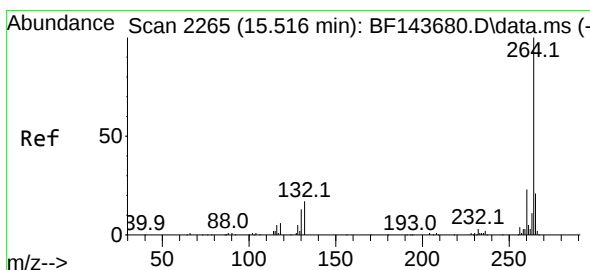
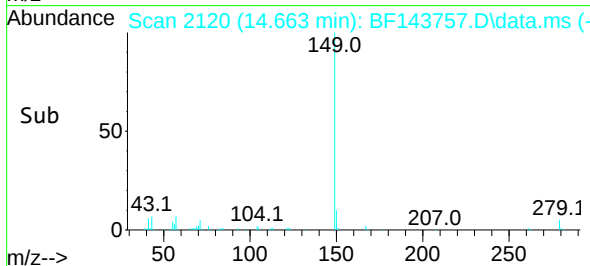
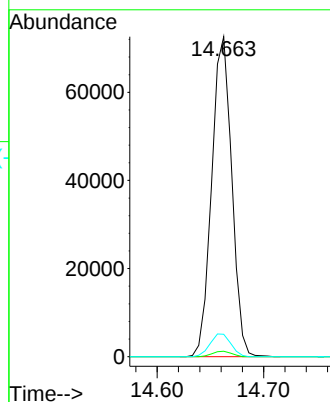
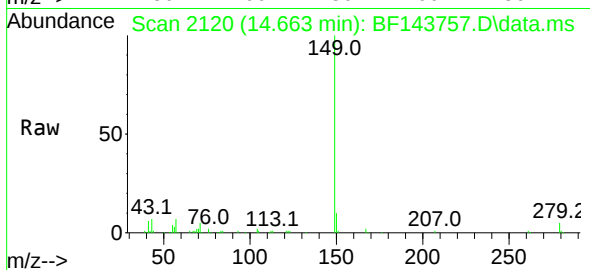
Tgt Ion:149 Resp: 94821

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.035 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

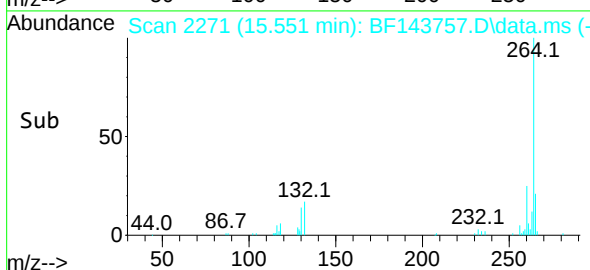
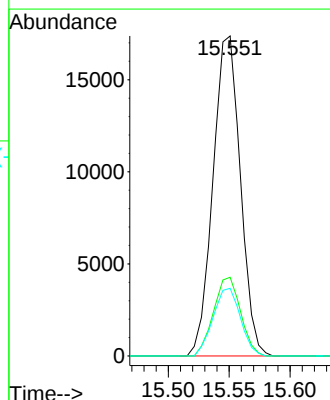
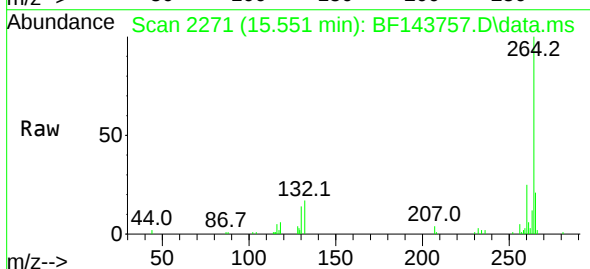
Tgt Ion:264 Resp: 27158

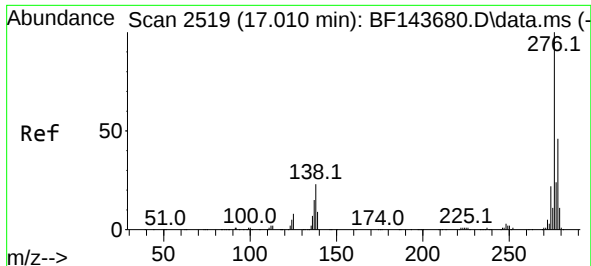
Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.2 17.1 25.7

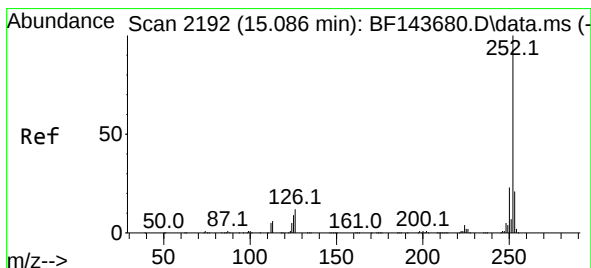
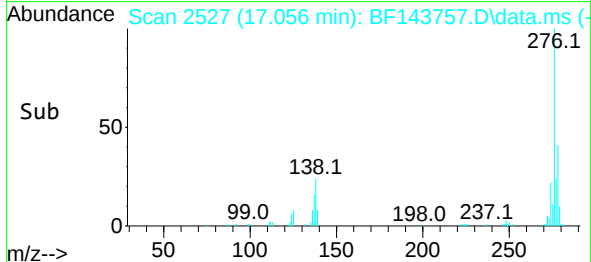
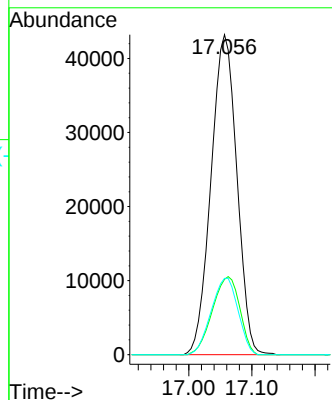
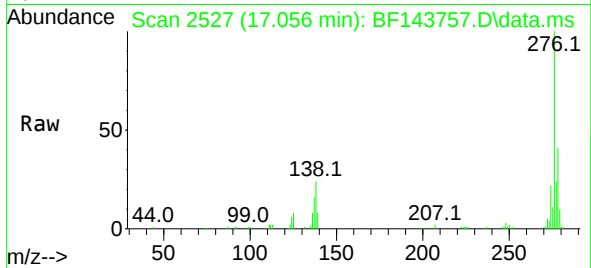




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 66.275 ng
 RT: 17.056 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

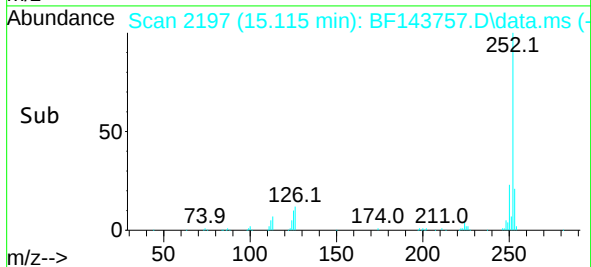
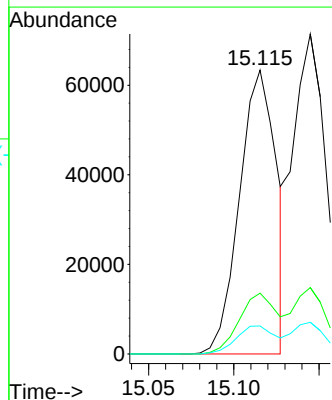
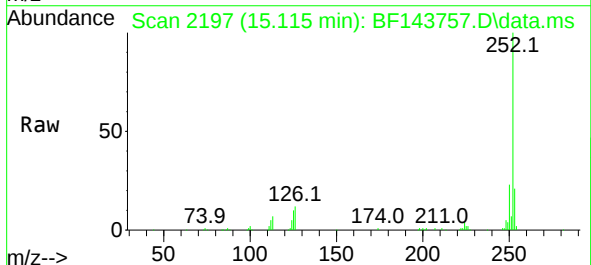
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MS

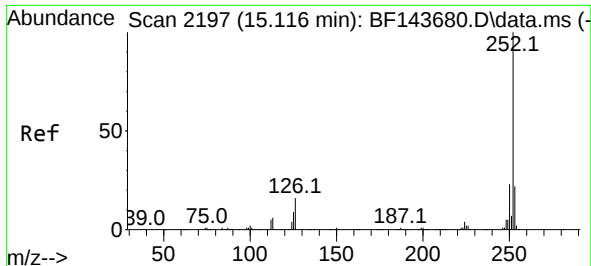
Tgt Ion:276 Resp: 122840
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.7 29.5
 277 24.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 58.946 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. 0.029 min
 Lab File: BF143757.D
 Acq: 15 Sep 2025 17:58

Tgt Ion:252 Resp: 95296
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.0 25.4
 125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 65.600 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

Instrument :

BNA_F

ClientSampleId :

WC-29MS

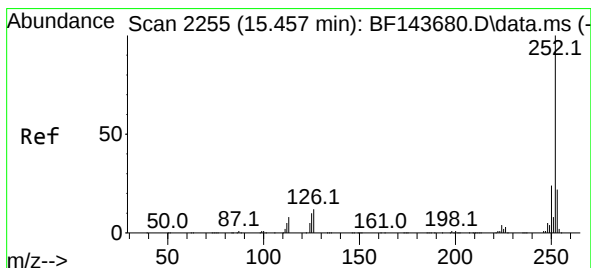
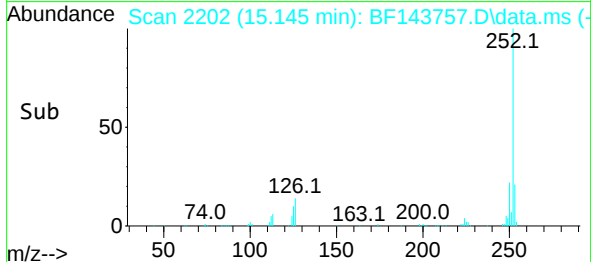
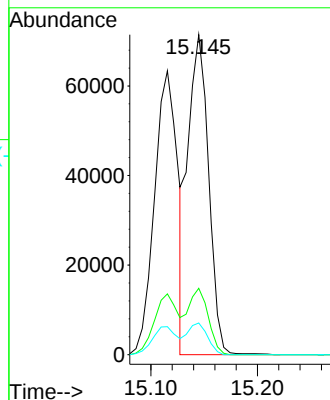
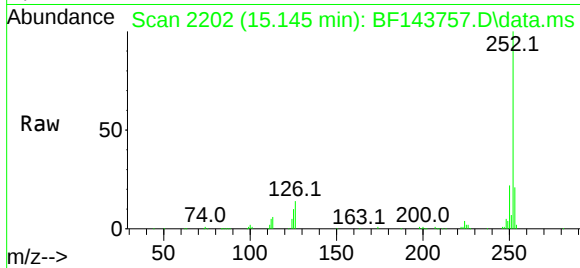
Tgt Ion:252 Resp: 95714

Ion Ratio Lower Upper

252 100

253 20.7 17.3 25.9

125 9.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 63.744 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.029 min

Lab File: BF143757.D

Acq: 15 Sep 2025 17:58

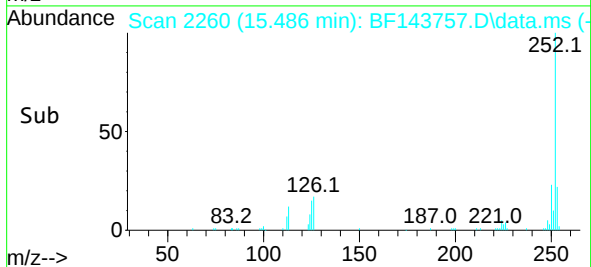
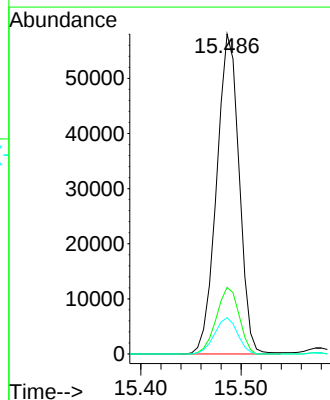
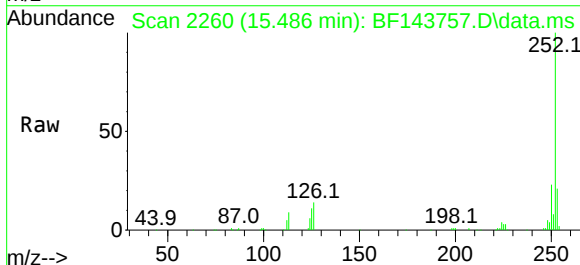
Tgt Ion:252 Resp: 90534

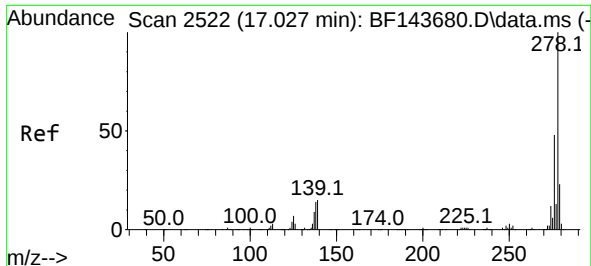
Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.0

125 11.4 8.2 12.4

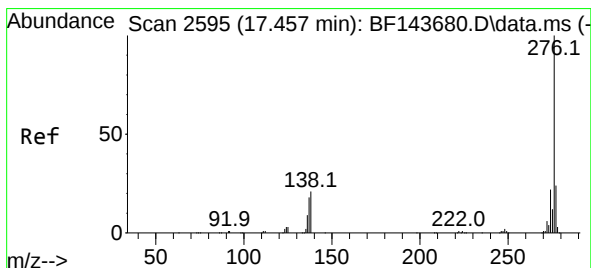
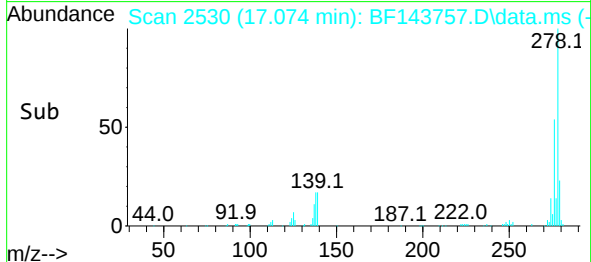
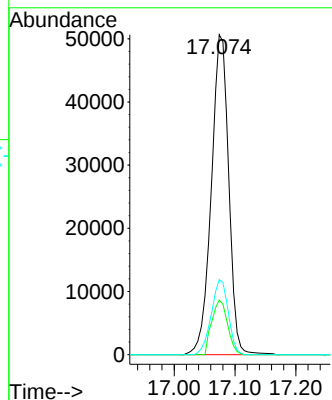
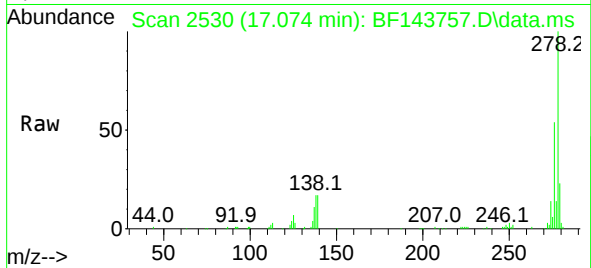




#91
Dibenzo(a,h)anthracene
Concen: 65.340 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Instrument :
BNA_F
ClientSampleId :
WC-29MS

Tgt Ion:278 Resp: 100478
Ion Ratio Lower Upper
278 100
139 17.1 12.2 18.4
279 23.5 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 68.321 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.059 min
Lab File: BF143757.D
Acq: 15 Sep 2025 17:58

Tgt Ion:276 Resp: 98272
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 23.3 17.0 25.4

