

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143758.D
 Acq On : 15 Sep 2025 18:28
 Operator : RC/JU
 Sample : Q3082-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-29MSD

Quant Time: Sep 15 18:49:02 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	17438	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	66564	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	36375	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	60029	20.000	ng	0.01
76) Chrysene-d12	14.068	240	36351	20.000	ng	0.02
86) Perylene-d12	15.551	264	28488	20.000	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	155056	151.708	ng	0.04
7) Phenol-d6	6.522	99	178424	143.373	ng	0.02
23) Nitrobenzene-d5	7.457	82	112802	105.408	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	63068	172.045	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	254272	105.596	ng	0.00
79) Terphenyl-d14	13.010	244	263146	117.310	ng	0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.387	88	2809	6.161	ng	# 50
3) Pyridine	3.616	79	47462	40.300	ng	95
4) n-Nitrosodimethylamine	3.563	42	21675	48.450	ng	# 98
6) Aniline	6.557	93	25419	15.422	ng	99
8) 2-Chlorophenol	6.681	128	55984	50.716	ng	94
9) Benzaldehyde	6.445	77	20294	20.212	ng	98
10) Phenol	6.534	94	65166	47.371	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	50159	48.821	ng	92
12) 1,3-Dichlorobenzene	6.834	146	55655	44.084	ng	99
13) 1,4-Dichlorobenzene	6.910	146	57813	45.370	ng	97
14) 1,2-Dichlorobenzene	7.063	146	53927	44.815	ng	99
15) Benzyl Alcohol	7.034	79	46839	51.742	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	55139	41.021	ng	93
17) 2-Methylphenol	7.140	107	45691	51.454	ng	99
18) Hexachloroethane	7.410	117	17224	41.844	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	38355	50.182	ng	97
20) 3+4-Methylphenols	7.292	107	60905	52.085	ng	93
22) Acetophenone	7.304	105	86102	57.273	ng	99
24) Nitrobenzene	7.475	77	54181	48.828	ng	95
25) Isophorone	7.716	82	103090	50.237	ng	97
26) 2-Nitrophenol	7.792	139	30529	55.958	ng	94
27) 2,4-Dimethylphenol	7.822	122	53286	54.406	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	62734	49.746	ng	99
29) 2,4-Dichlorophenol	8.028	162	50733	51.494	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	49559	48.554	ng	99
31) Naphthalene	8.198	128	158886	48.218	ng	99
32) Benzoic acid	7.939	122	36246	60.659	ng	95
33) 4-Chloroaniline	8.239	127	10632	9.268	ng	97
34) Hexachlorobutadiene	8.316	225	28433	42.709	ng	99
35) Caprolactam	8.616	113	12433m	47.414	ng	
36) 4-Chloro-3-methylphenol	8.722	107	50433	51.916	ng	98
37) 2-Methylnaphthalene	8.886	142	102047	45.241	ng	99
38) 1-Methylnaphthalene	8.986	142	105751	48.853	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	58373	56.055	ng	99
41) Hexachlorocyclopentadiene	9.045	237	60917	113.943	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	39484	56.782	ng	98

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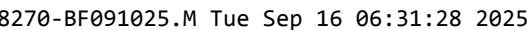
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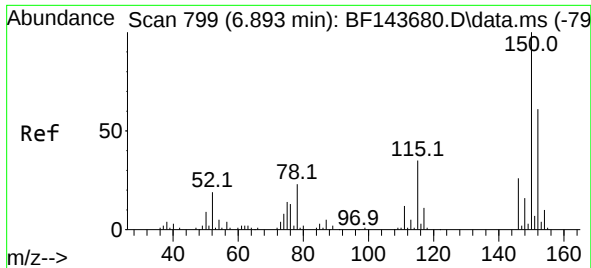
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	38670	54.703	ng	98
46) 1,1'-Biphenyl	9.357	154	155001	59.190	ng	99
47) 2-Chloronaphthalene	9.381	162	107201	52.218	ng	99
48) 2-Nitroaniline	9.475	65	30830	56.747	ng	98
49) Acenaphthylene	9.798	152	179079	60.896	ng	100
50) Dimethylphthalate	9.657	163	126062	53.266	ng	99
51) 2,6-Dinitrotoluene	9.716	165	27720	61.259	ng	94
52) Acenaphthene	9.969	154	116844	57.660	ng	100
53) 3-Nitroaniline	9.886	138	13823	28.386	ng	98
54) 2,4-Dinitrophenol	9.992	184	29996	120.198	ng	# 38
55) Dibenzofuran	10.145	168	156060	53.557	ng	97
56) 4-Nitrophenol	10.045	139	44811	115.667	ng	92
57) 2,4-Dinitrotoluene	10.122	165	37246	60.478	ng	# 99
58) Fluorene	10.486	166	125543	55.039	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34061	59.422	ng	97
60) Diethylphthalate	10.357	149	116845	52.588	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	60811	52.568	ng	99
62) 4-Nitroaniline	10.504	138	26607	57.689	ng	98
63) Azobenzene	10.639	77	106044	53.986	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	20602	67.408	ng	96
66) n-Nitrosodiphenylamine	10.598	169	104355	53.065	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	36546	50.485	ng	97
68) Hexachlorobenzene	11.033	284	39557	51.752	ng	97
69) Atrazine	11.122	200	32896	53.351	ng	98
70) Pentachlorophenol	11.227	266	52263	113.109	ng	99
71) Phenanthrene	11.451	178	178471	53.960	ng	99
72) Anthracene	11.504	178	182014	54.729	ng	100
73) Carbazole	11.657	167	162733	59.748	ng	100
74) Di-n-butylphthalate	11.986	149	181360	55.308	ng	99
75) Fluoranthene	12.639	202	172709	56.881	ng	99
77) Benzidine	12.757	184	10031	8.462	ng	97
78) Pyrene	12.869	202	176082	60.584	ng	99
80) Butylbenzylphthalate	13.486	149	61088	67.083	ng	99
81) Benzo(a)anthracene	14.057	228	127619	54.571	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	15018	20.874	ng	99
83) Chrysene	14.098	228	115649	53.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	72292	55.639	ng	99
85) Di-n-octyl phthalate	14.663	149	88590	38.048	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	110528	56.849	ng	97
88) Benzo(b)fluoranthene	15.115	252	91578	54.002	ng	99
89) Benzo(k)fluoranthene	15.145	252	91593	59.845	ng	98
90) Benzo(a)pyrene	15.486	252	84987	57.044	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	92391	57.276	ng	98
92) Benzo(g,h,i)perylene	17.509	276	90239	59.808	ng	99

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

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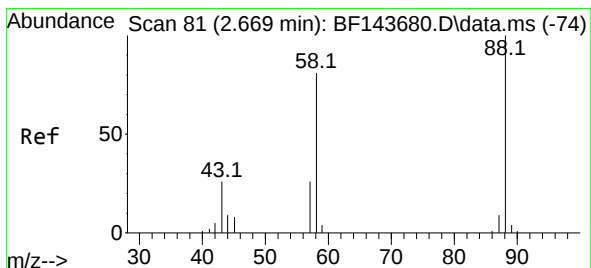
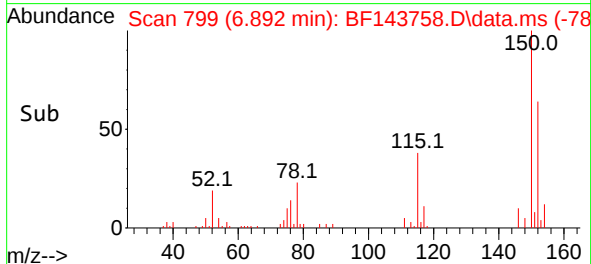
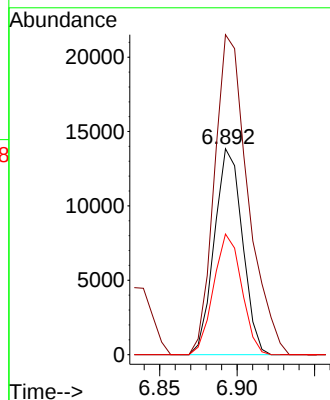
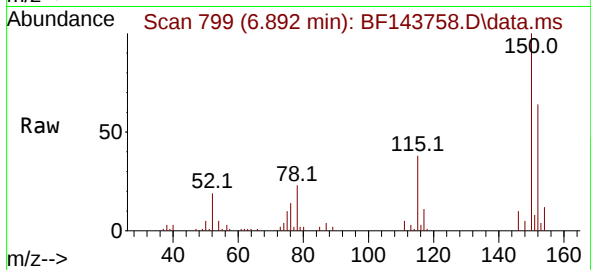




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

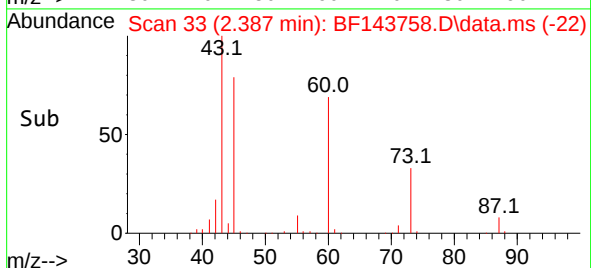
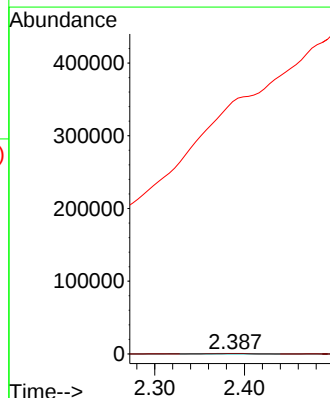
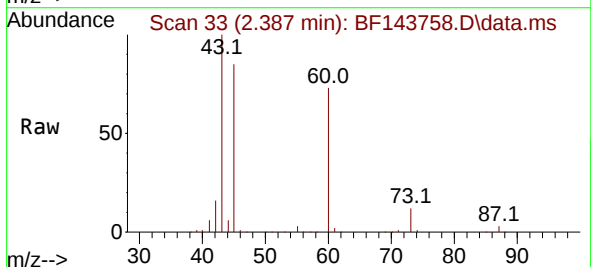
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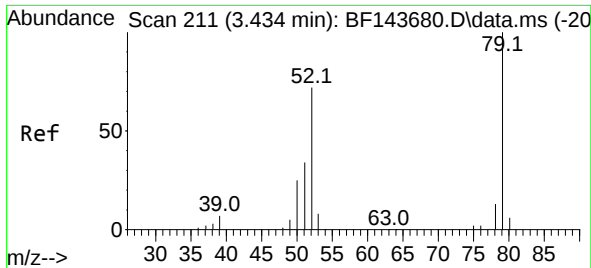
Tgt Ion:152 Resp: 17438
 Ion Ratio Lower Upper
 152 100
 150 155.4 130.7 196.1
 115 58.6 45.9 68.9



#2
 1,4-Dioxane
 Concen: 6.161 ng
 RT: 2.387 min Scan# 33
 Delta R.T. -0.282 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

Tgt Ion: 88 Resp: 2809
 Ion Ratio Lower Upper
 88 100
 58 37.3 65.8 98.6#
 43 0.0 20.6 31.0#

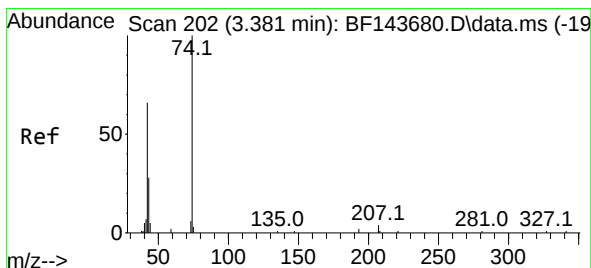
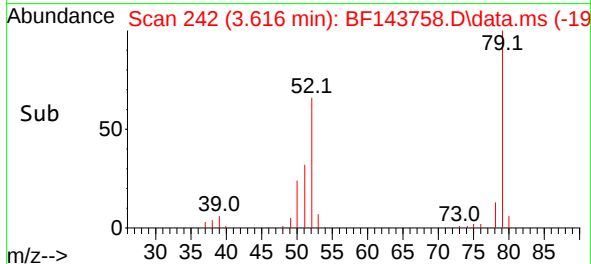
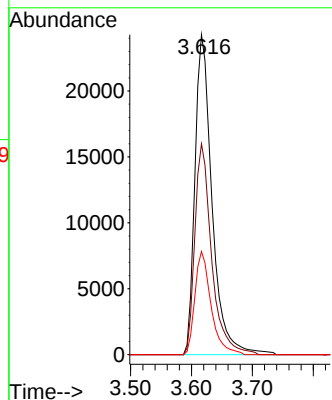
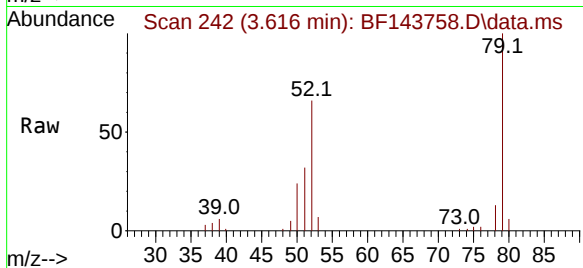




#3
Pyridine
Concen: 40.300 ng
RT: 3.616 min Scan# 24
Delta R.T. 0.182 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

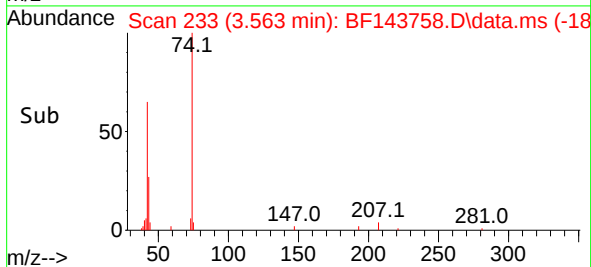
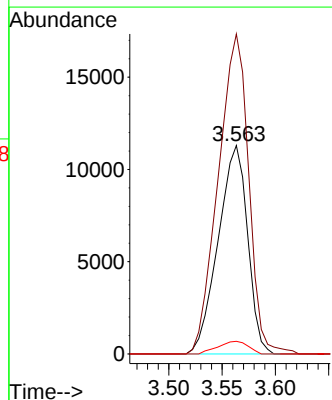
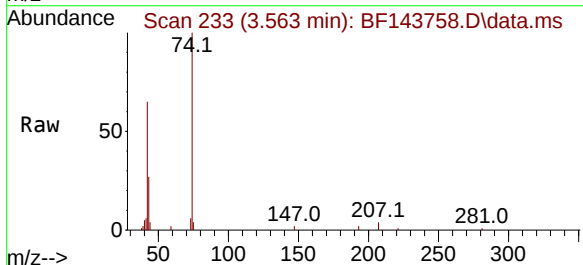
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BNA_F
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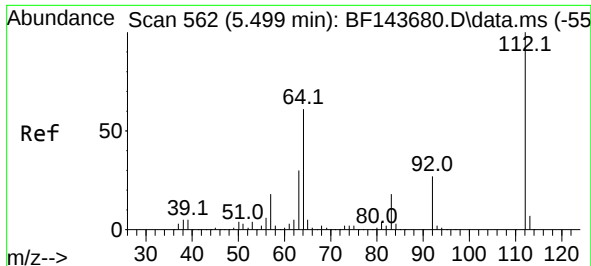
Tgt Ion: 79 Resp: 47462
Ion Ratio Lower Upper
79 100
52 65.9 57.2 85.8
51 32.3 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 48.450 ng
RT: 3.563 min Scan# 233
Delta R.T. 0.182 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion: 42 Resp: 21675
Ion Ratio Lower Upper
42 100
74 153.5 120.9 181.3
44 6.1 6.5 9.7#

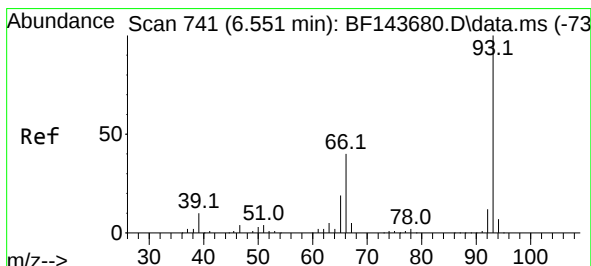
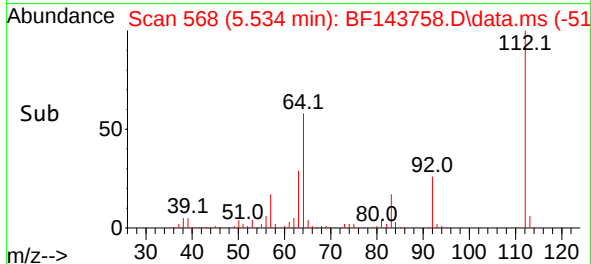
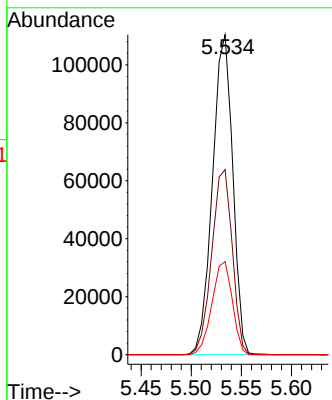
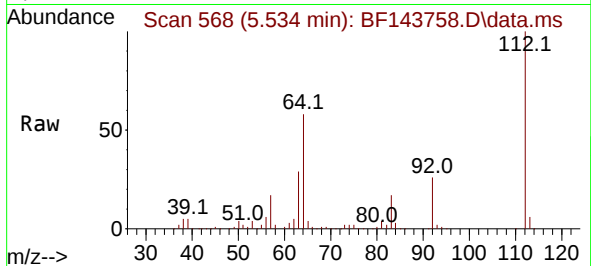




#5
2-Fluorophenol
Concen: 151.708 ng
RT: 5.534 min Scan# 50
Delta R.T. 0.035 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

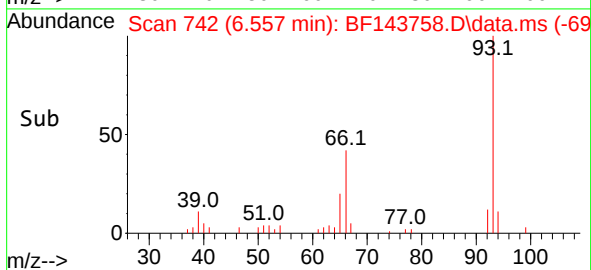
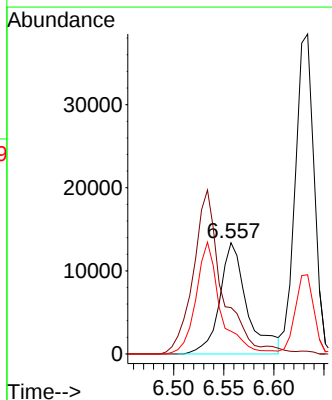
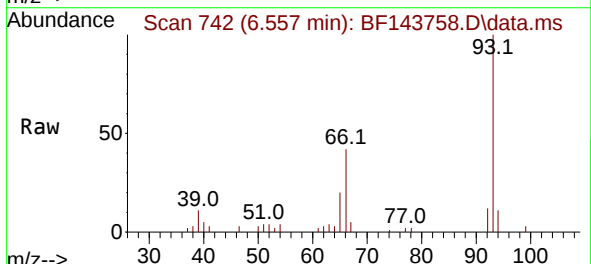
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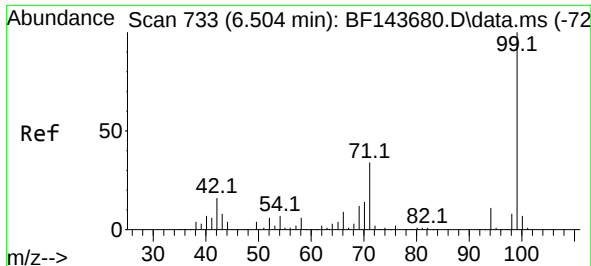
Tgt Ion:112 Resp: 155056
Ion Ratio Lower Upper
112 100
64 57.9 49.0 73.4
63 29.1 24.3 36.5



#6
Aniline
Concen: 15.422 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion: 93 Resp: 25419
Ion Ratio Lower Upper
93 100
66 41.8 34.1 51.1
65 20.4 16.1 24.1

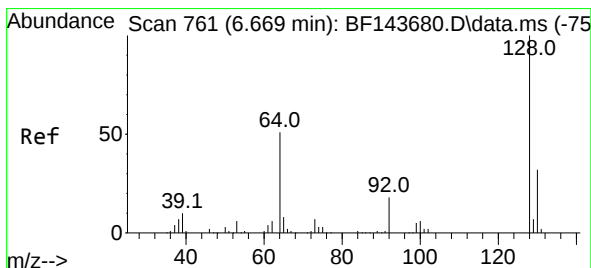
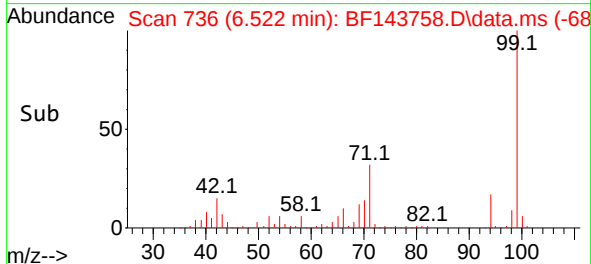
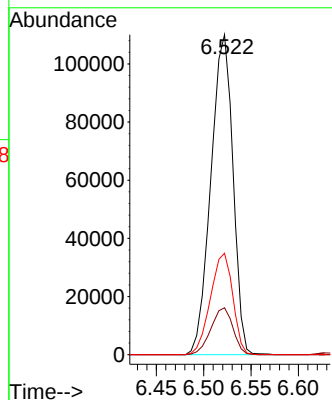
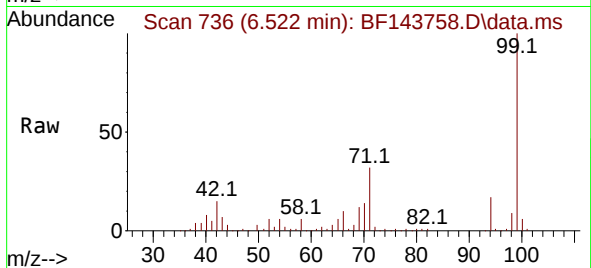




#7
Phenol-d6
Concen: 143.373 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

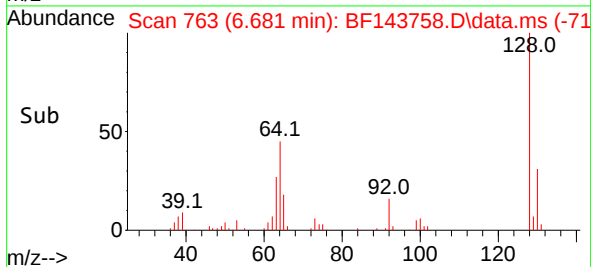
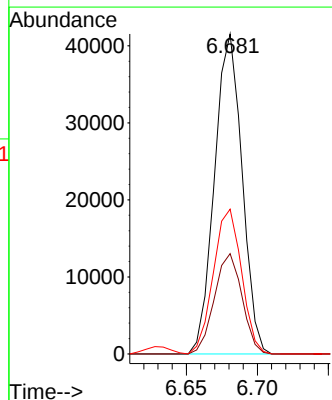
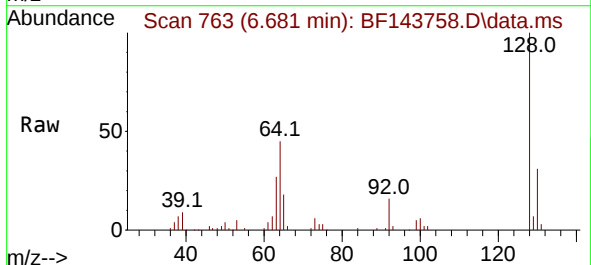
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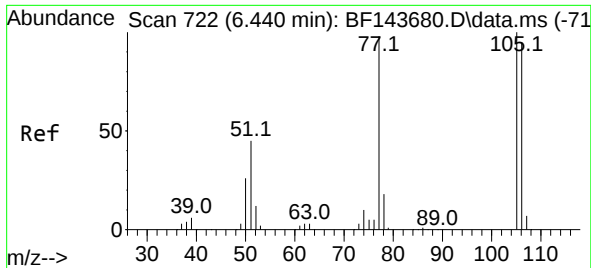
Tgt Ion: 99 Resp: 178424
Ion Ratio Lower Upper
99 100
42 14.7 13.0 19.4
71 31.7 27.4 41.2



#8
2-Chlorophenol
Concen: 50.716 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:128 Resp: 55984
Ion Ratio Lower Upper
128 100
130 31.4 12.0 52.0
64 45.2 31.9 71.9





#9

Benzaldehyde

Concen: 20.212 ng

RT: 6.445 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

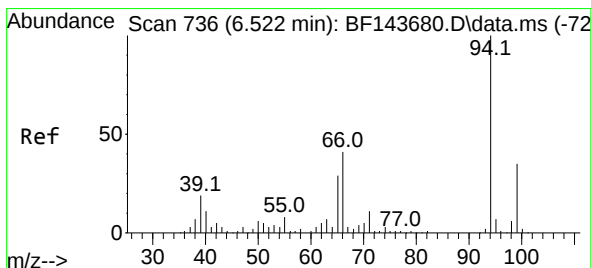
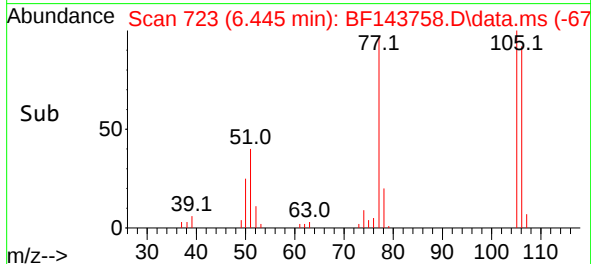
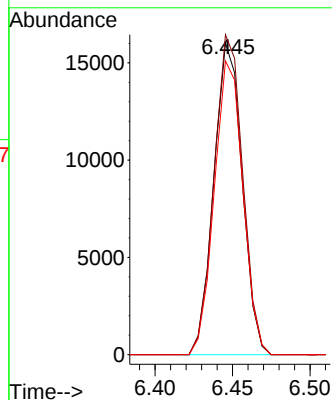
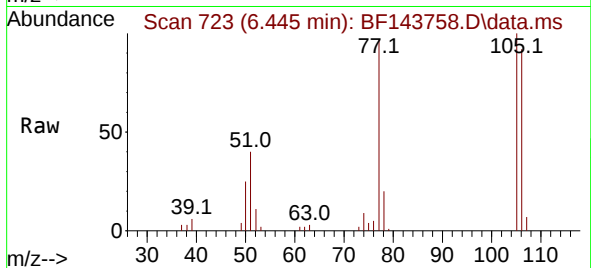
Tgt Ion: 77 Resp: 20294

Ion Ratio Lower Upper

77 100

105 102.7 81.7 121.7

106 94.2 76.9 116.9



#10

Phenol

Concen: 47.371 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

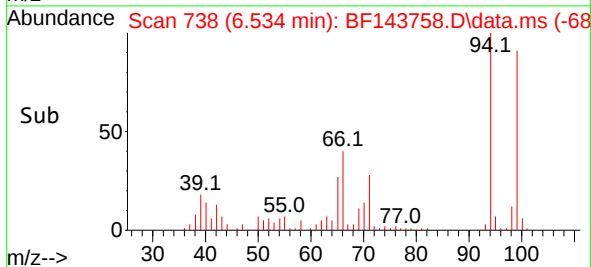
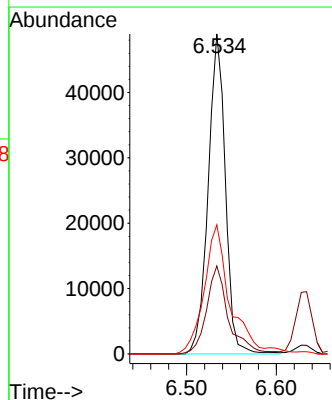
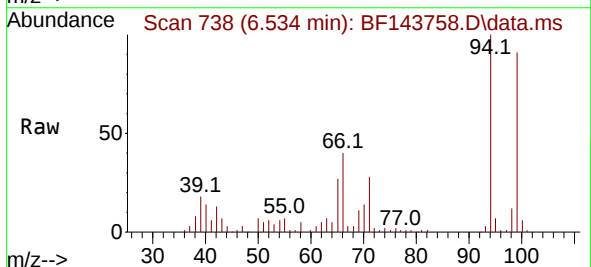
Tgt Ion: 94 Resp: 65166

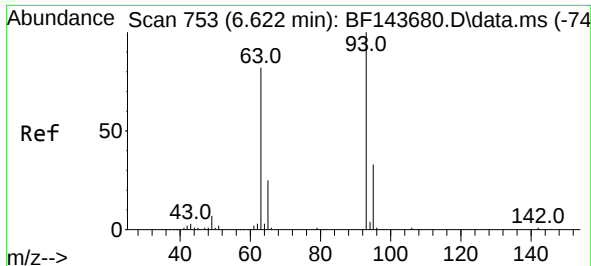
Ion Ratio Lower Upper

94 100

65 27.5 9.1 49.1

66 40.3 20.8 60.8

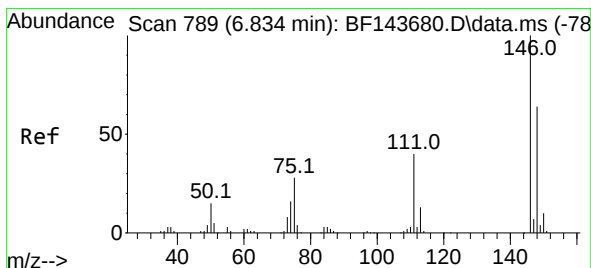
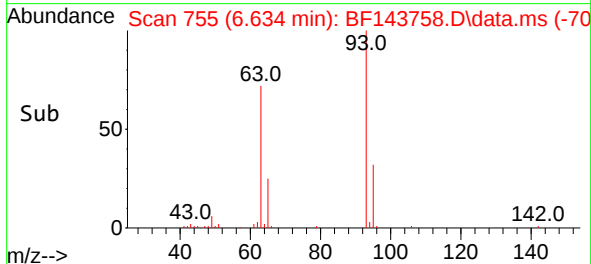
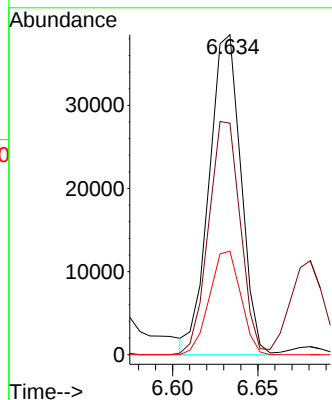
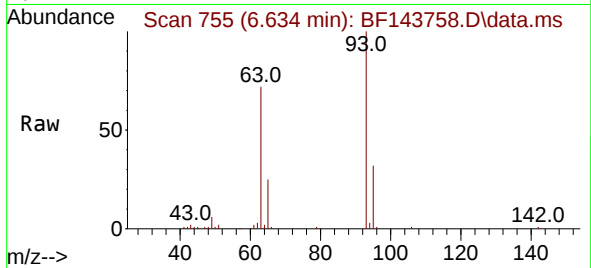




#11
bis(2-Chloroethyl)ether
Concen: 48.821 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

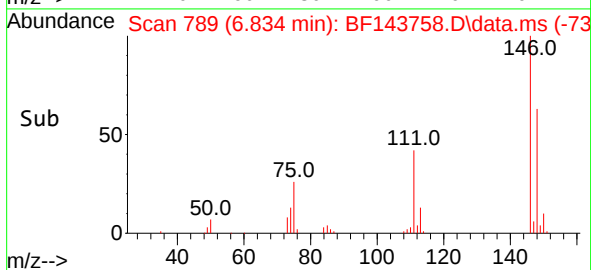
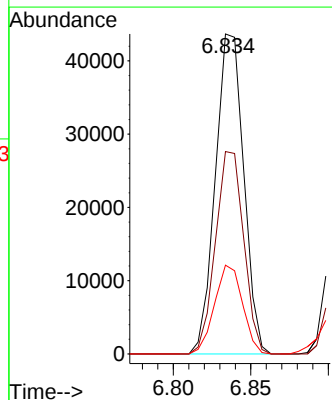
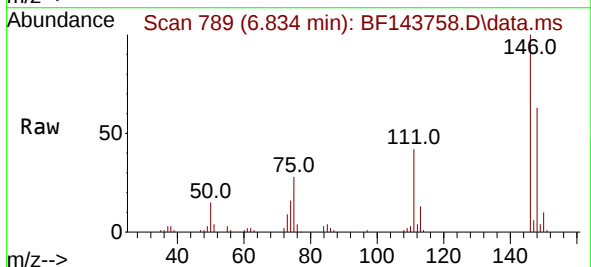
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

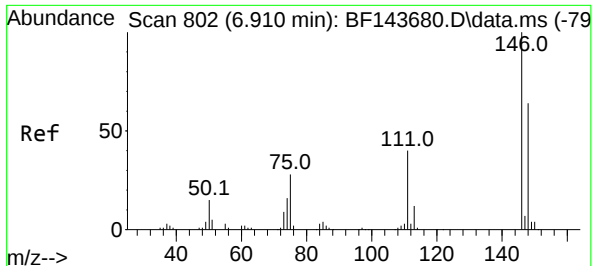
Tgt Ion: 93 Resp: 50159
Ion Ratio Lower Upper
93 100
63 72.3 61.8 101.8
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.084 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:146 Resp: 55655
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 27.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 45.370 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

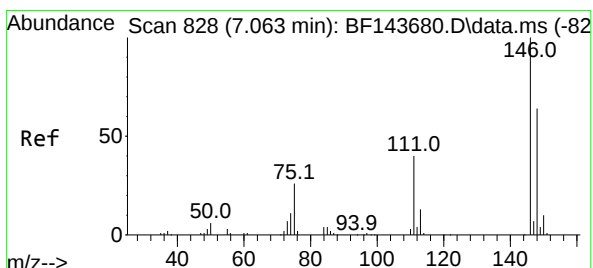
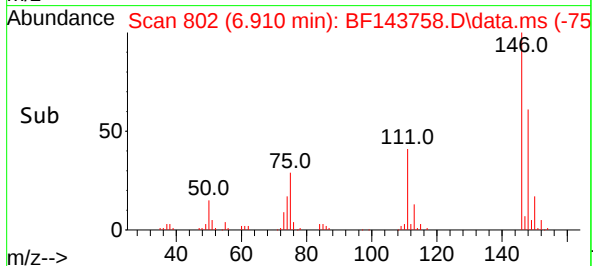
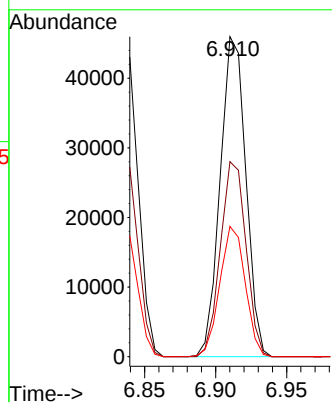
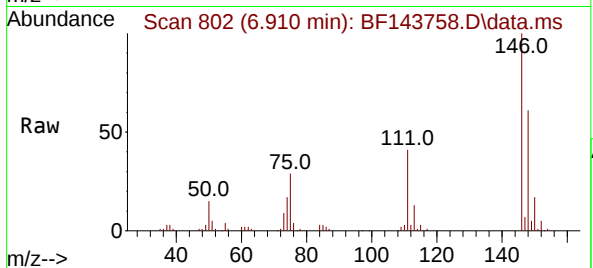
Tgt Ion:146 Resp: 57813

Ion Ratio Lower Upper

146 100

148 61.0 51.2 76.8

111 40.7 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 44.815 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

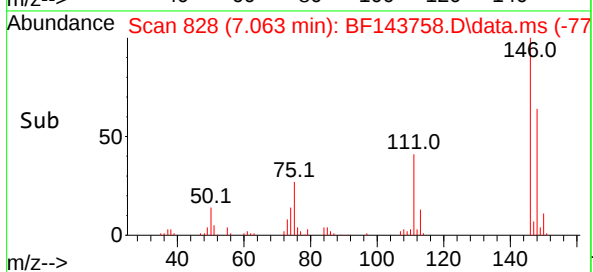
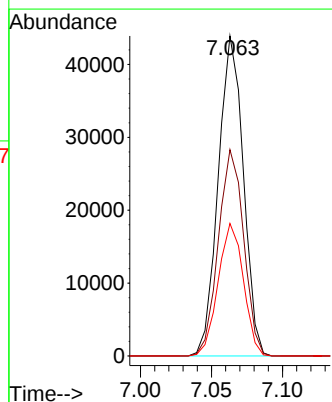
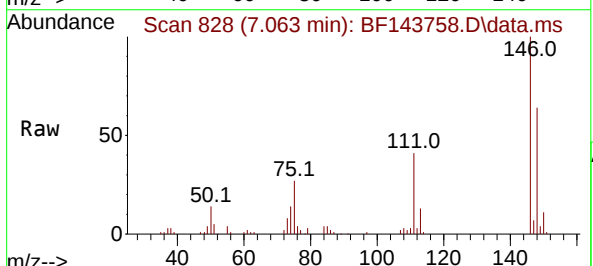
Tgt Ion:146 Resp: 53927

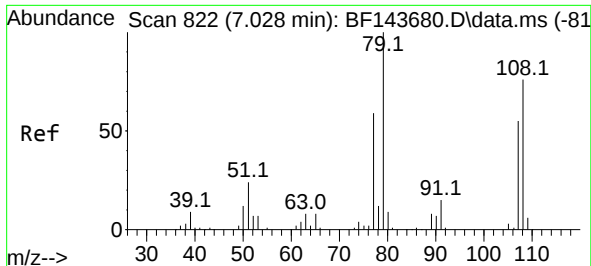
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

111 41.4 32.3 48.5



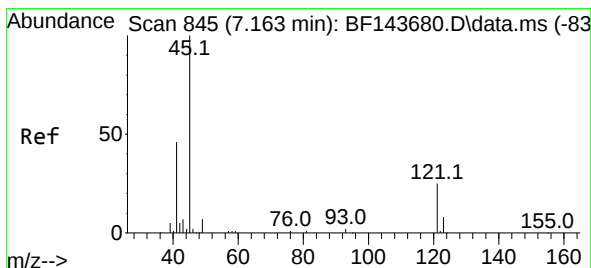
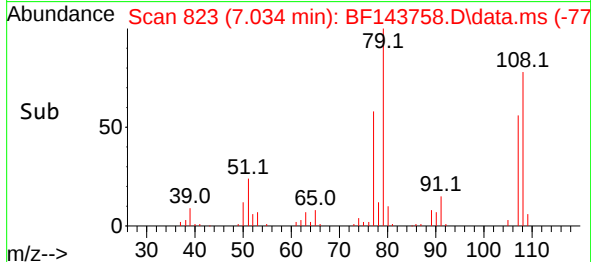
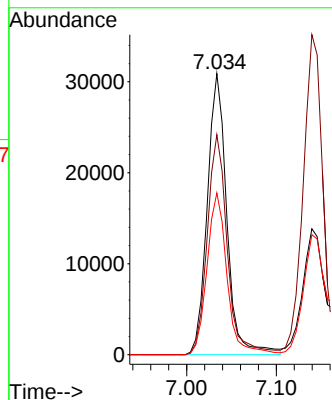
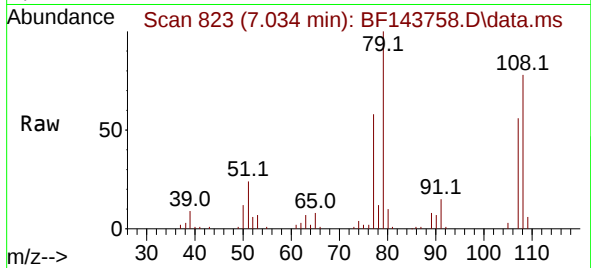


#15
Benzyl Alcohol
Concen: 51.742 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Instrument :
BNA_F
ClientSampleId :
WC-29MSD

Tgt Ion: 79 Resp: 46839

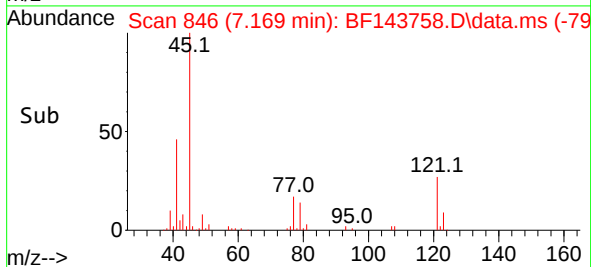
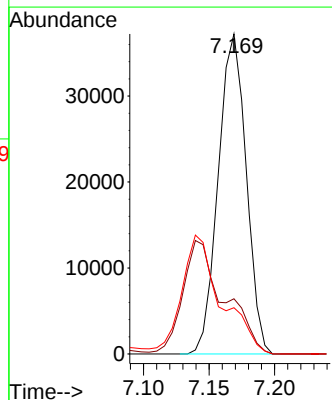
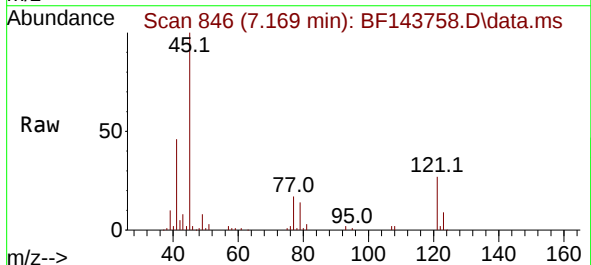
Ion	Ratio	Lower	Upper
79	100		
108	78.2	60.9	91.3
77	57.6	47.4	71.2

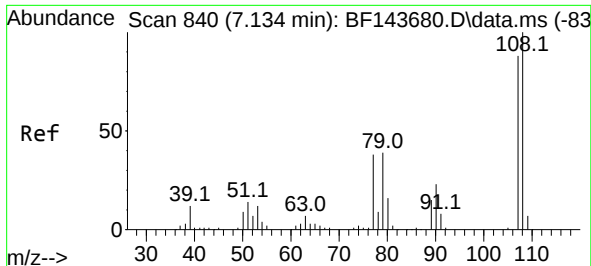


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.021 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion: 45 Resp: 55139

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	34.6
79	14.5	0.0	31.3

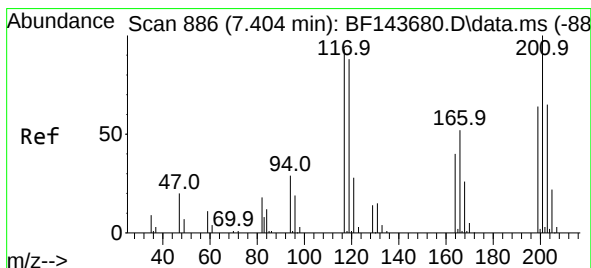
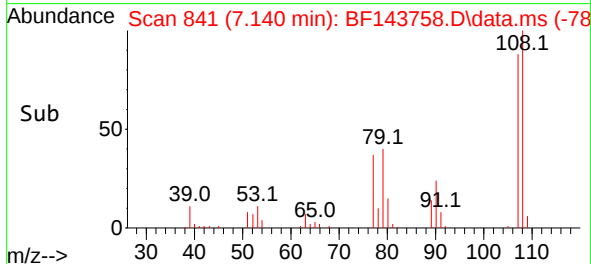
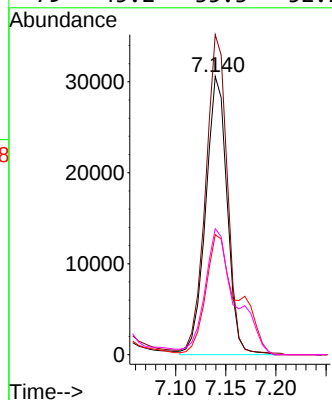
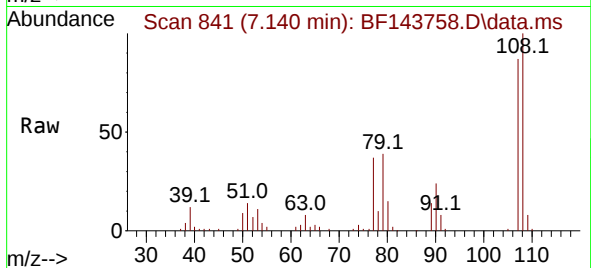




#17
2-Methylphenol
Concen: 51.454 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

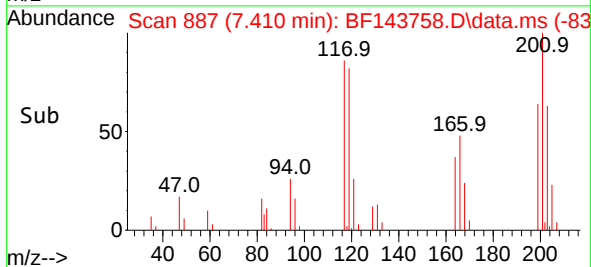
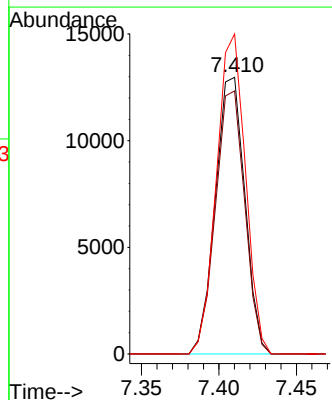
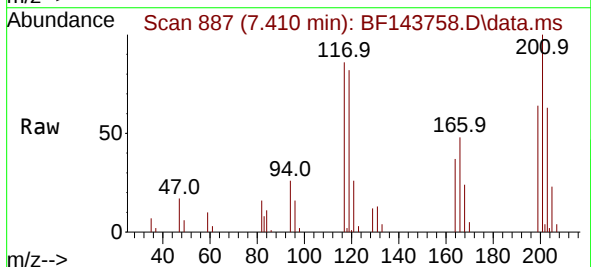
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

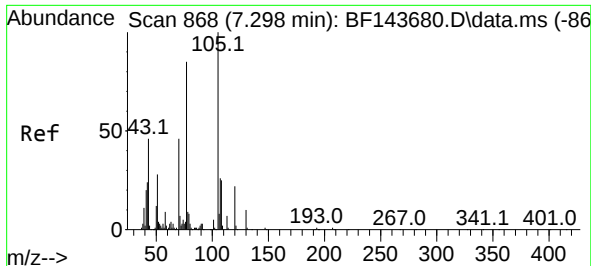
Tgt Ion:	107	Resp:	45691
Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.9	136.3
77	43.1	34.4	51.6
79	45.2	35.3	52.9



#18
Hexachloroethane
Concen: 41.844 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:	117	Resp:	17224
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
201	115.6	86.4	129.6

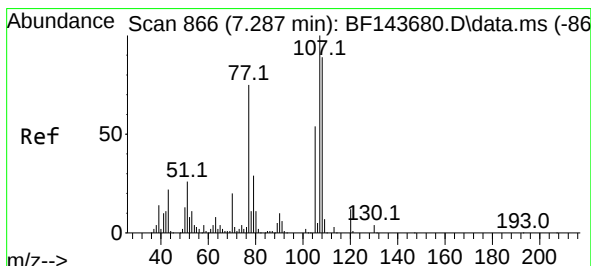
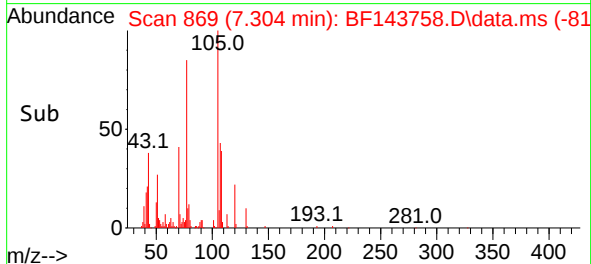
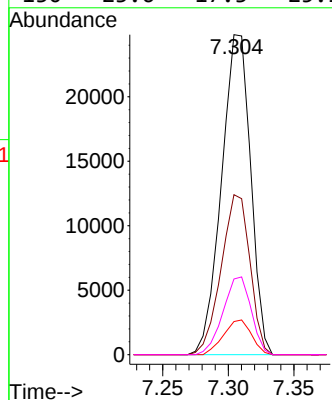
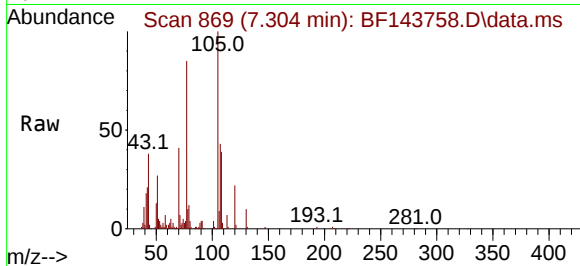




#19
n-Nitroso-di-n-propylamine
Concen: 50.182 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

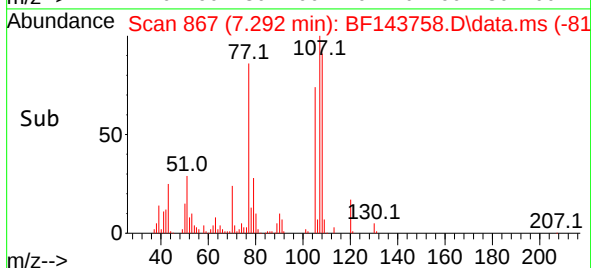
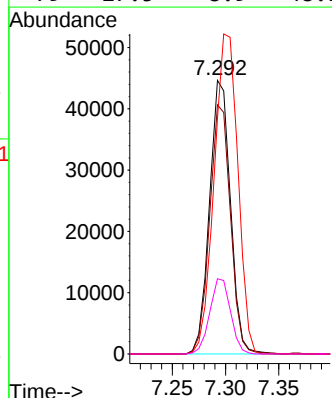
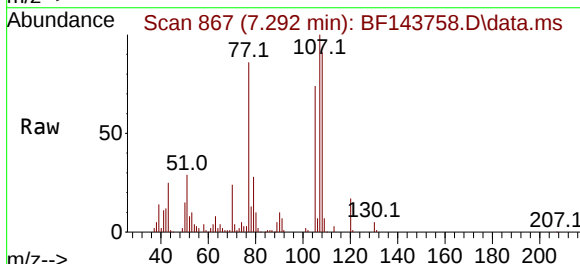
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

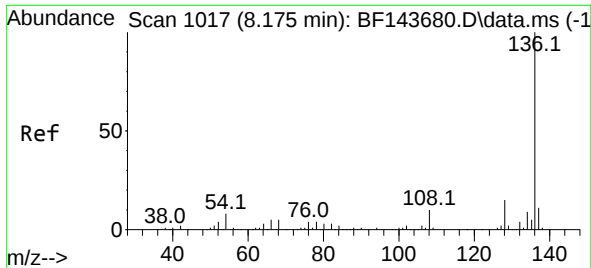
Tgt Ion:	70	Resp:	38355
Ion Ratio	Lower	Upper	
70	100		
42	50.0	41.4	62.2
101	10.4	8.1	12.1
130	23.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 52.085 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:	107	Resp:	60905
Ion Ratio	Lower	Upper	
107	100		
108	91.0	68.6	108.6
77	86.2	54.6	94.6
79	27.5	8.9	48.9

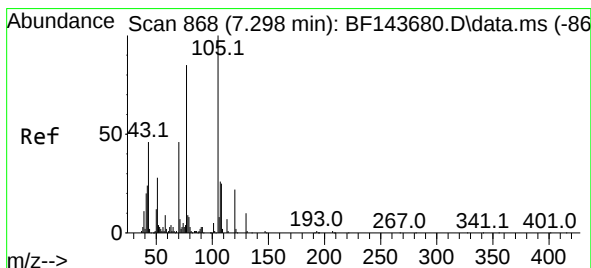
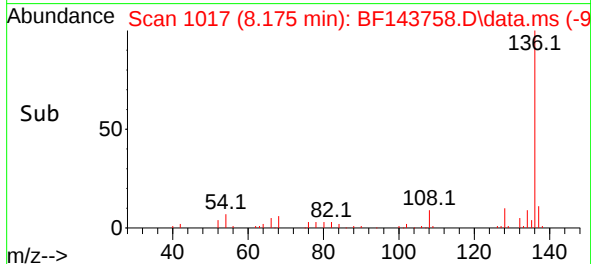
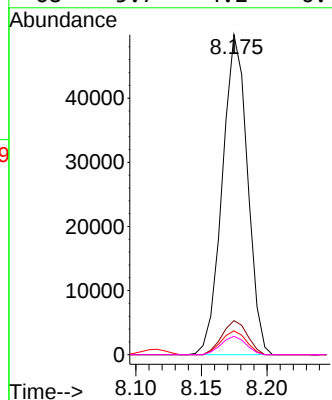
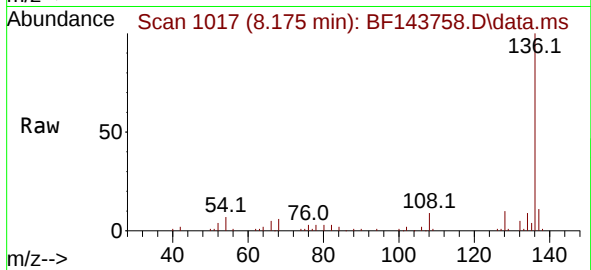




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

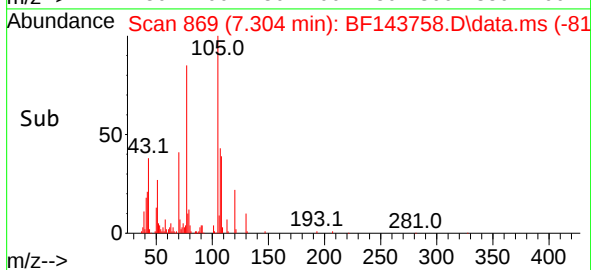
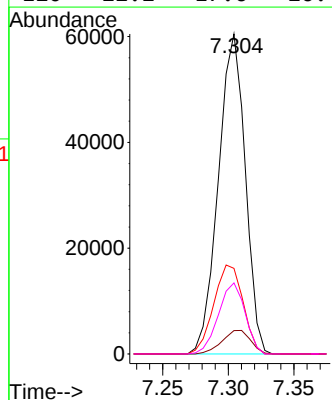
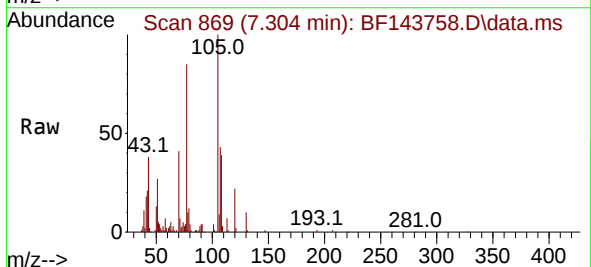
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

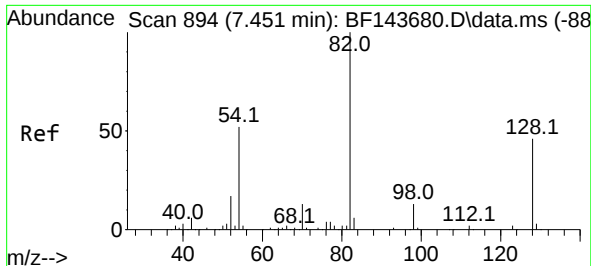
Tgt Ion:136	Resp:	66564
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	7.5	6.2 9.2
68	5.7	4.2 6.4



#22
Acetophenone
Concen: 57.273 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:105	Resp:	86102
Ion Ratio	Lower	Upper
105	100	
71	7.3	5.9 8.9
51	26.7	22.4 33.6
120	22.2	17.6 26.4





#23

Nitrobenzene-d5

Concen: 105.408 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

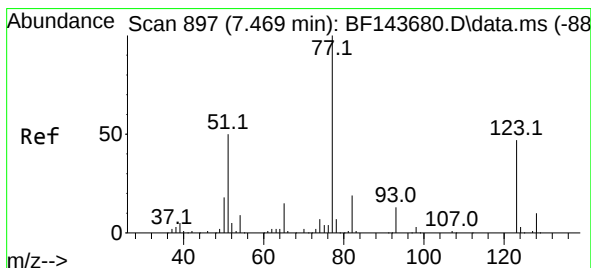
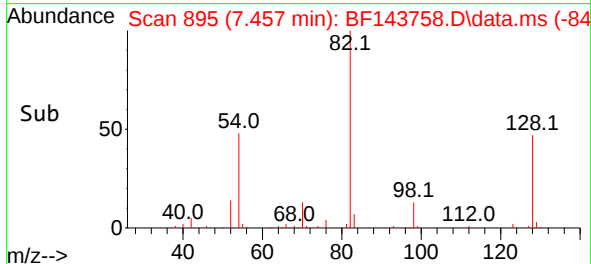
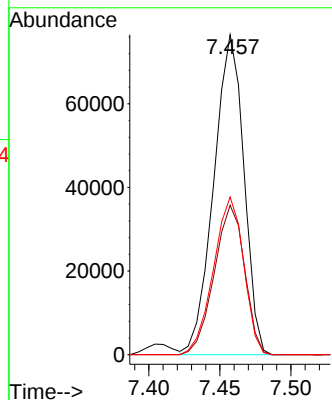
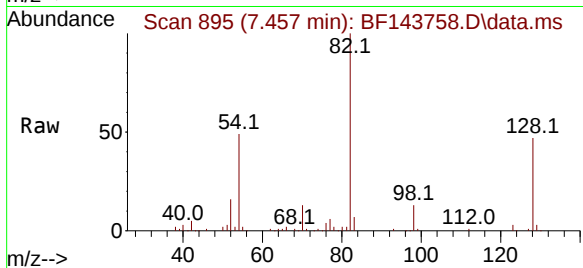
Tgt Ion: 82 Resp: 112802

Ion Ratio Lower Upper

82 100

128 46.7 37.0 55.4

54 49.3 41.8 62.8



#24

Nitrobenzene

Concen: 48.828 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

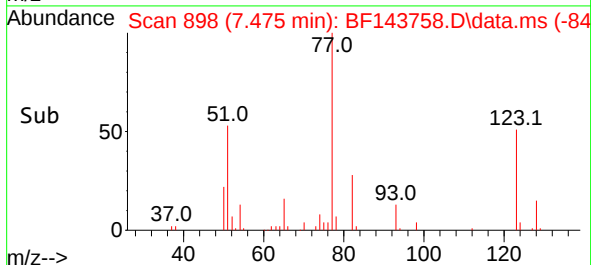
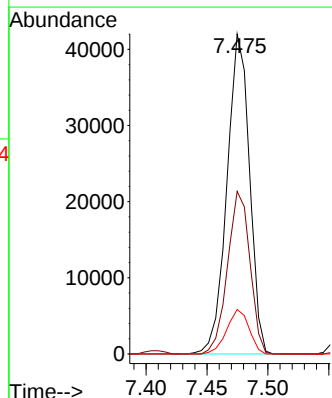
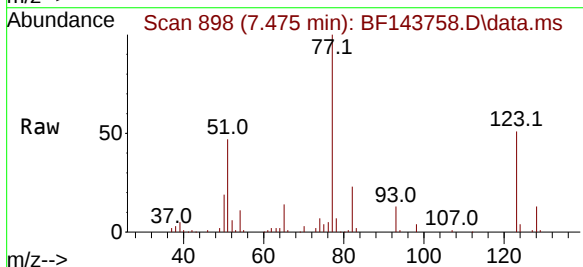
Tgt Ion: 77 Resp: 54181

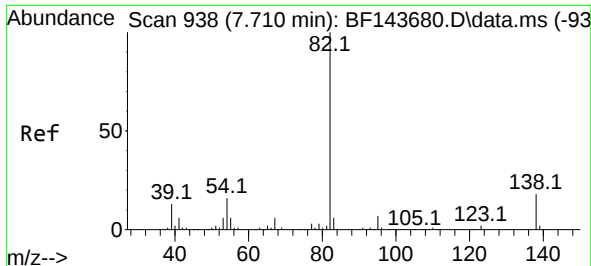
Ion Ratio Lower Upper

77 100

123 50.8 37.4 56.0

65 13.9 11.6 17.4

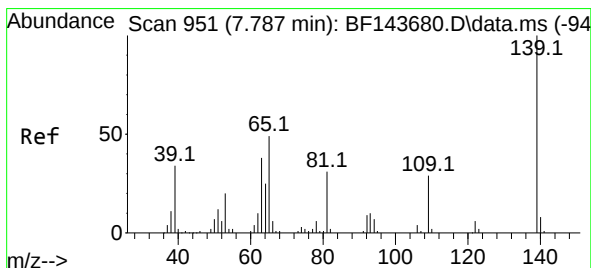
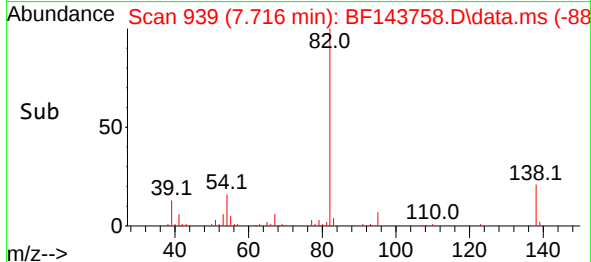
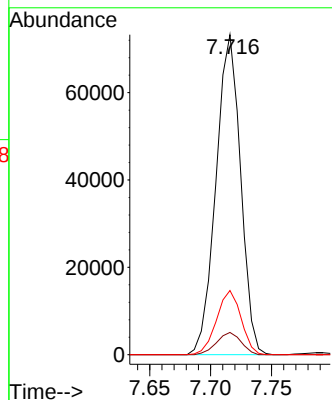
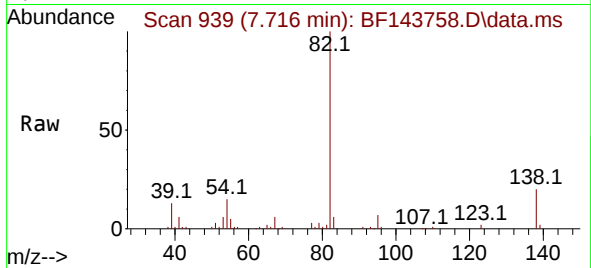




#25
Isophorone
Concen: 50.237 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

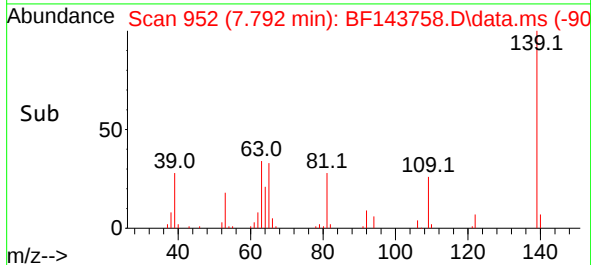
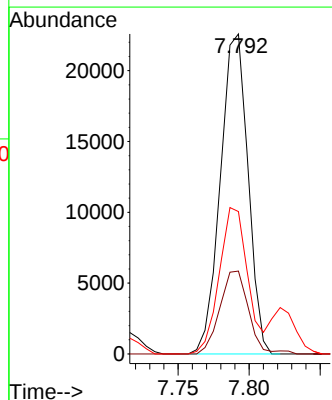
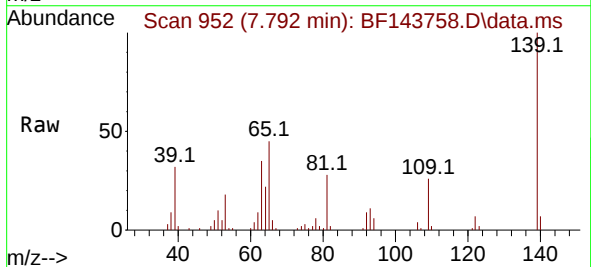
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

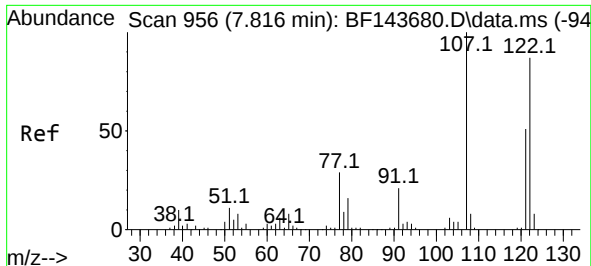
Tgt Ion: 82 Resp: 103090
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 20.1 14.8 22.2



#26
2-Nitrophenol
Concen: 55.958 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:139 Resp: 30529
Ion Ratio Lower Upper
139 100
109 25.9 22.8 34.2
65 44.5 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 54.406 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

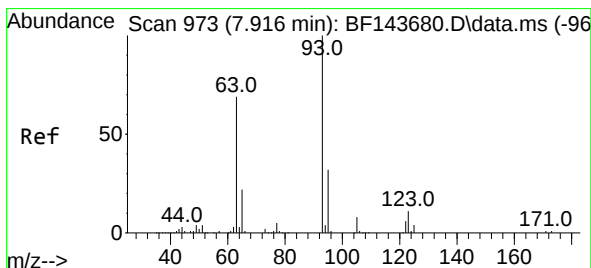
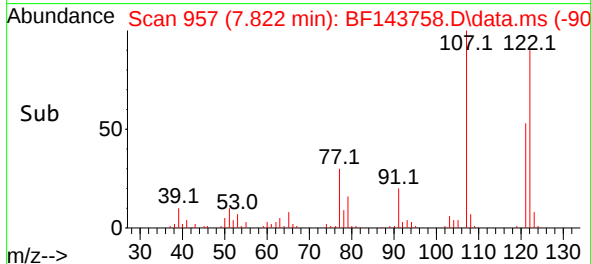
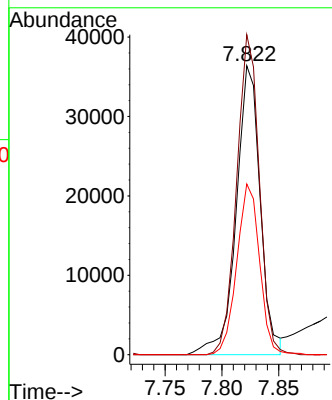
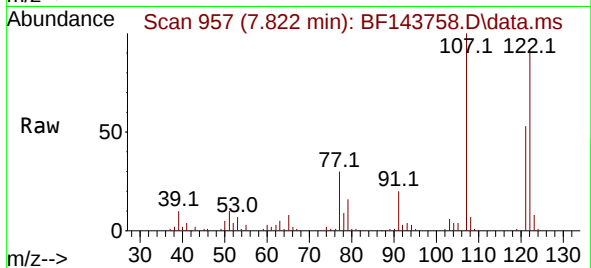
Tgt Ion:122 Resp: 53286

Ion Ratio Lower Upper

122 100

107 110.7 92.1 138.1

121 59.1 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.746 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

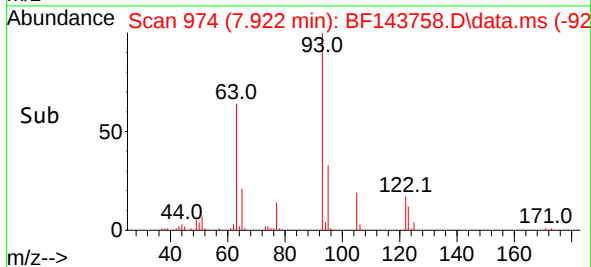
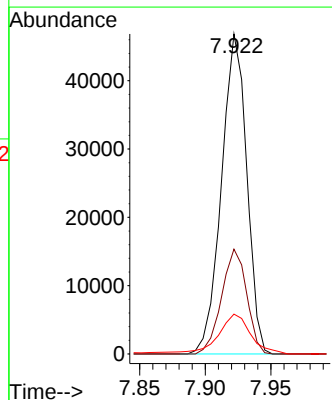
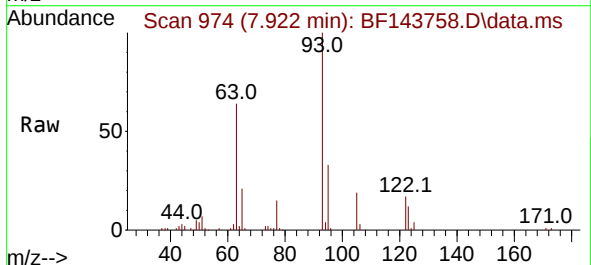
Tgt Ion: 93 Resp: 62734

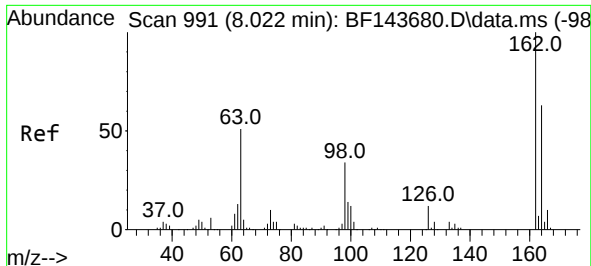
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 51.494 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

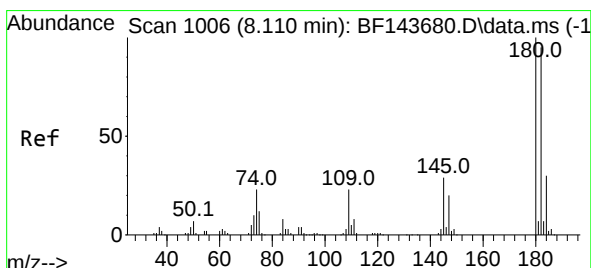
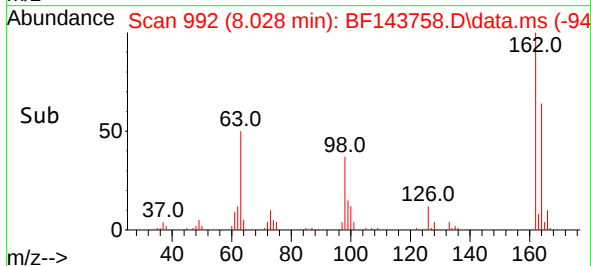
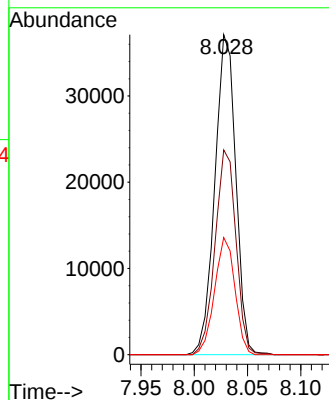
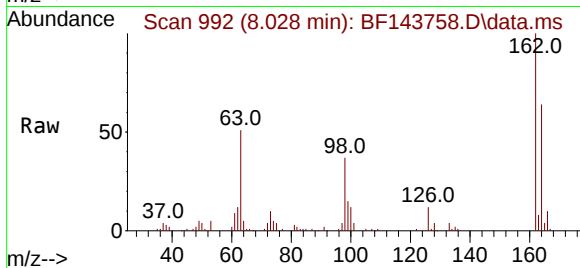
Tgt Ion:162 Resp: 50733

Ion Ratio Lower Upper

162 100

164 64.0 43.0 83.0

98 36.6 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 48.554 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

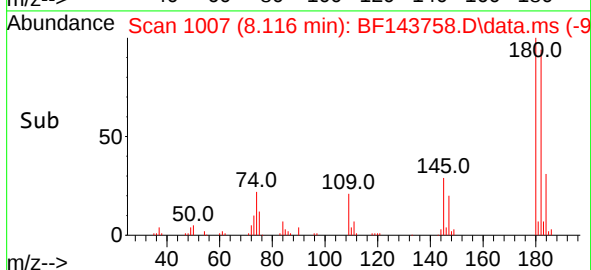
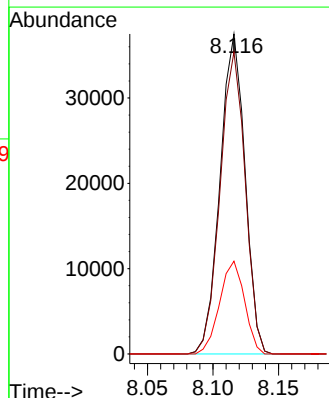
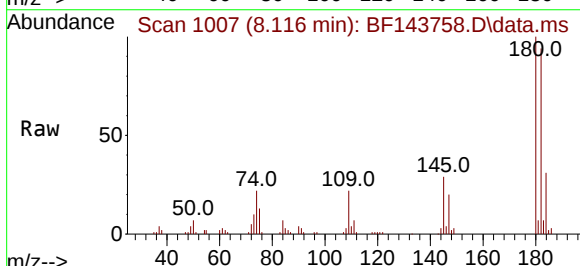
Tgt Ion:180 Resp: 49559

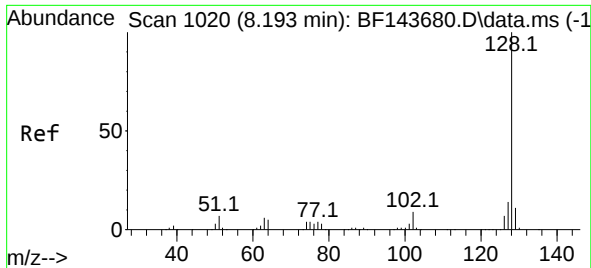
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.4

145 29.0 23.2 34.8

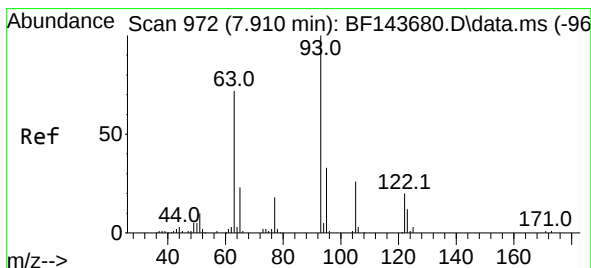
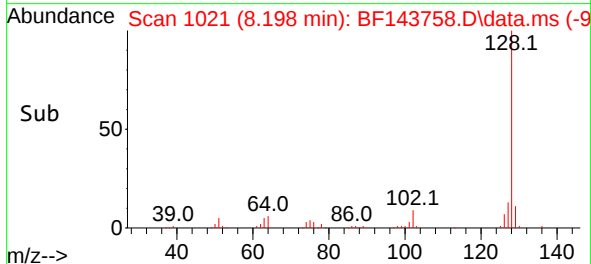
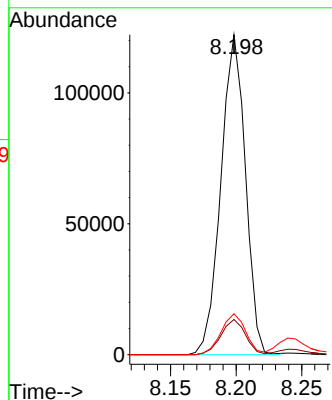
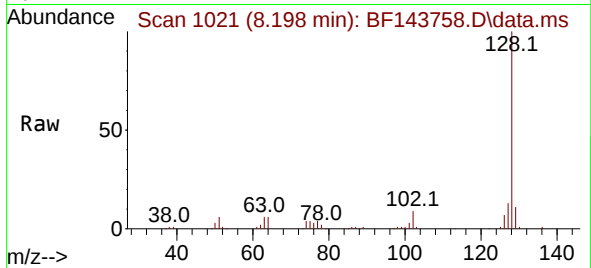




#31
Naphthalene
Concen: 48.218 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

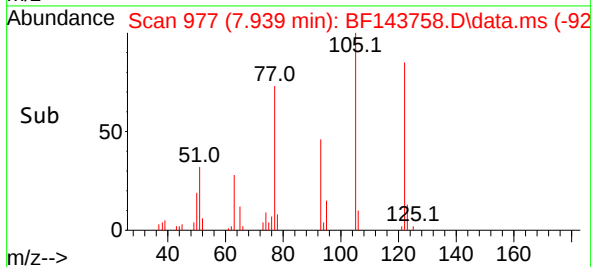
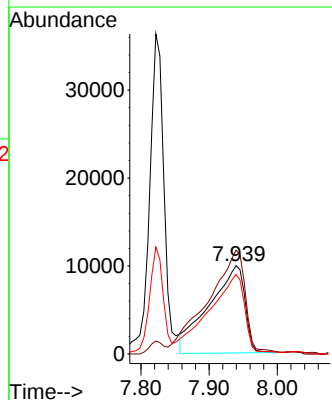
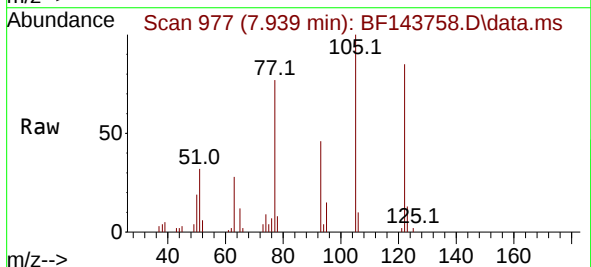
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

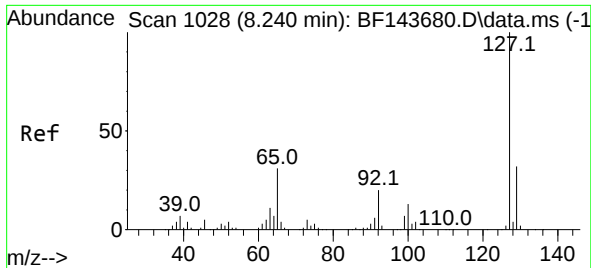
Tgt Ion:128 Resp: 158886
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 60.659 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.029 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:122 Resp: 36246
Ion Ratio Lower Upper
122 100
105 117.8 105.2 145.2
77 90.1 72.0 112.0

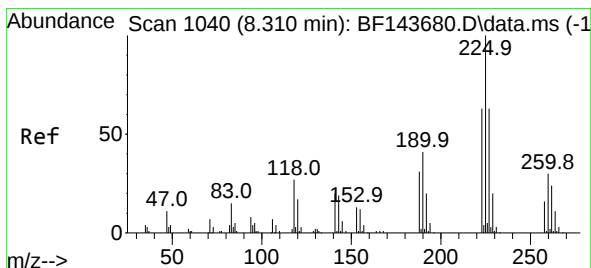
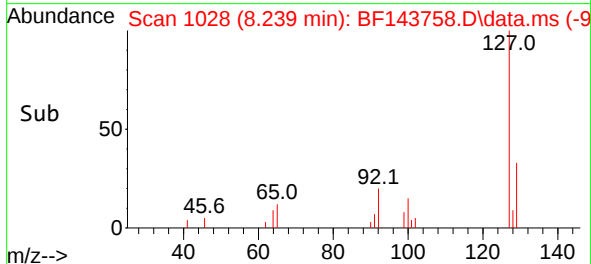
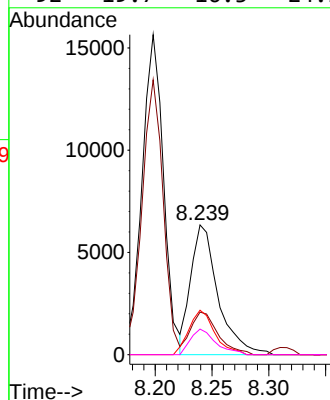
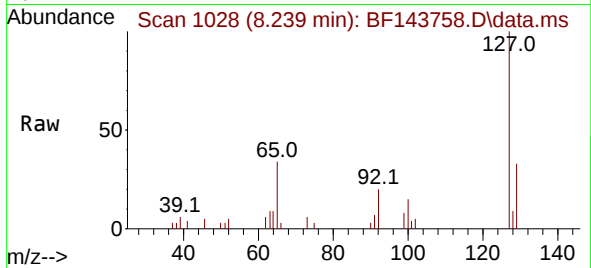




#33
4-Chloroaniline
Concen: 9.268 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

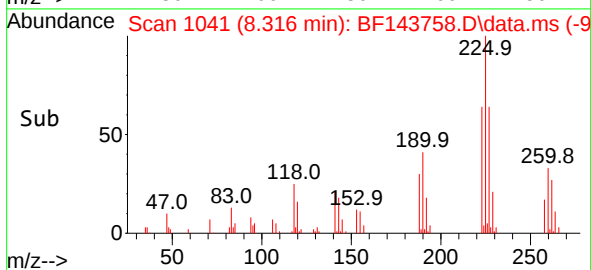
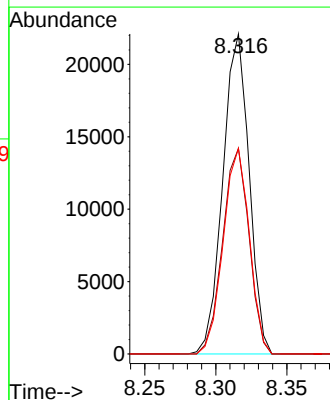
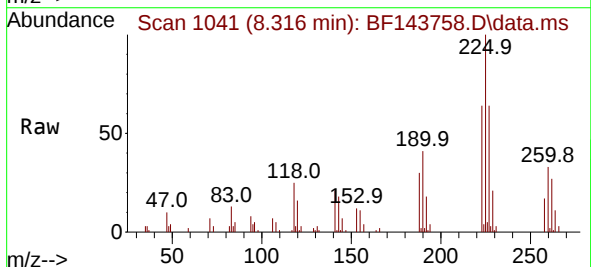
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

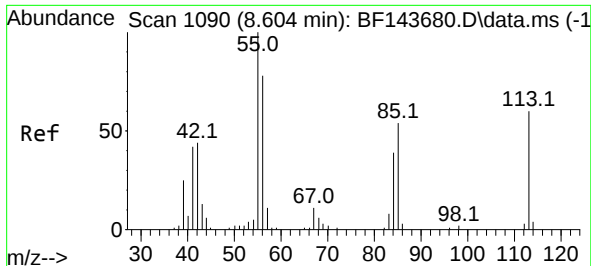
Tgt Ion:127	Resp:	10632
Ion	Ratio	Lower Upper
127	100	
129	32.8	26.0 39.0
65	34.2	24.6 36.8
92	19.7	16.3 24.5



#34
Hexachlorobutadiene
Concen: 42.709 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:225	Resp:	28433
Ion	Ratio	Lower Upper
225	100	
223	64.3	50.6 76.0
227	64.2	50.8 76.2

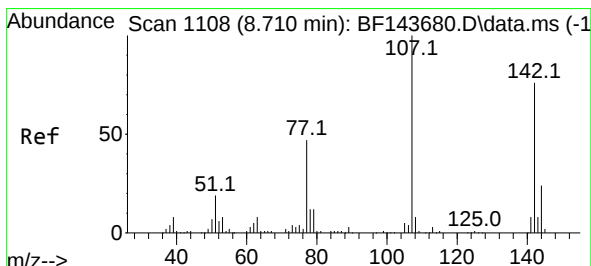
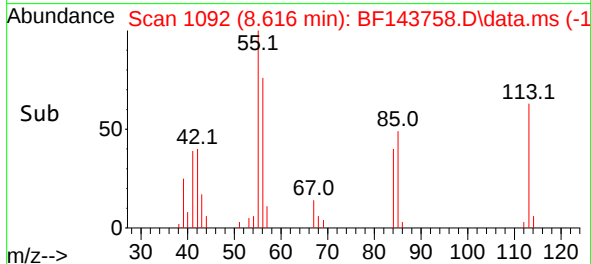
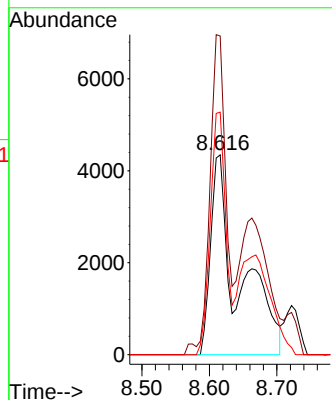
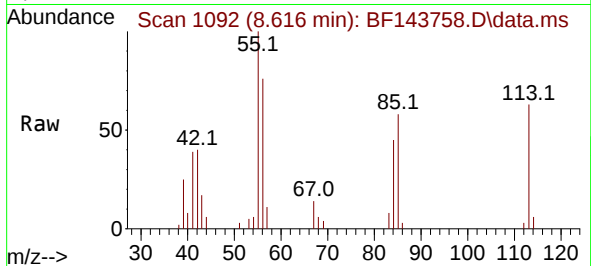




#35
 Caprolactam
 Concen: 47.414 ng m
 RT: 8.616 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

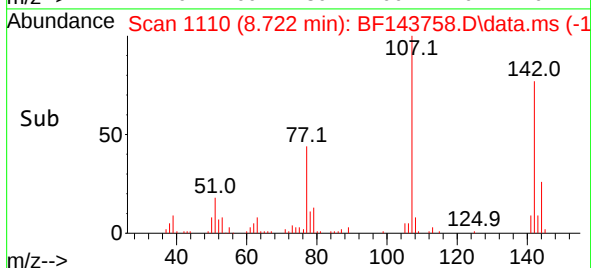
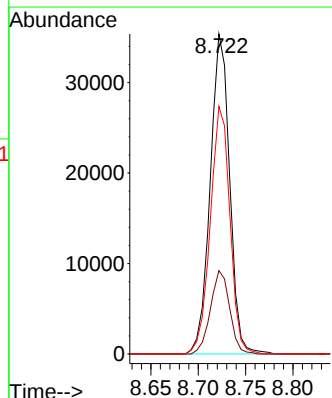
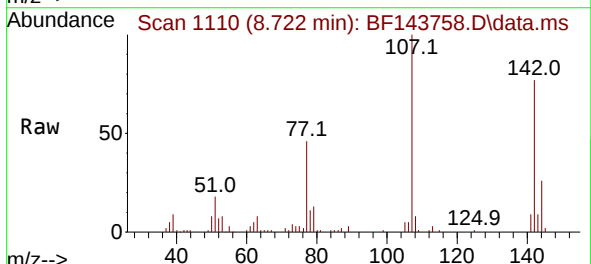
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MSD

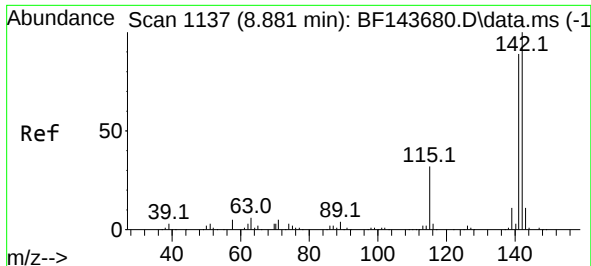
Tgt Ion:113 Resp: 12433
 Ion Ratio Lower Upper
 113 100
 55 159.5 148.9 188.9
 56 121.4 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.916 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

Tgt Ion:107 Resp: 50433
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.4 29.2
 142 77.3 60.6 91.0





#37

2-Methylnaphthalene

Concen: 45.241 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

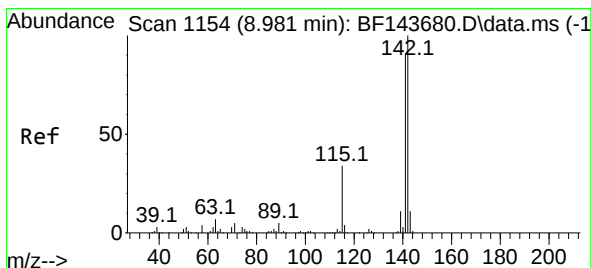
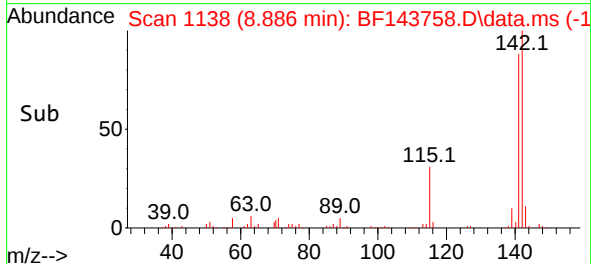
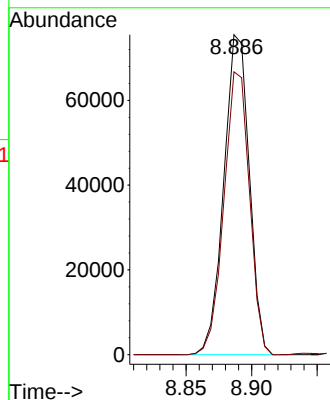
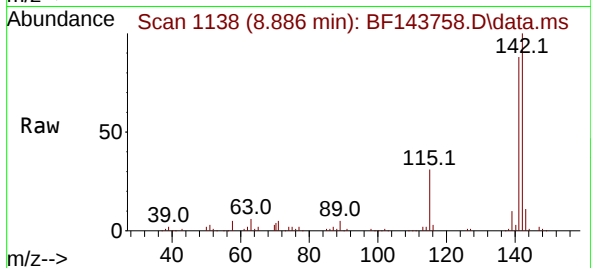
WC-29MSD

Tgt Ion:142 Resp: 102047

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 48.853 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143758.D

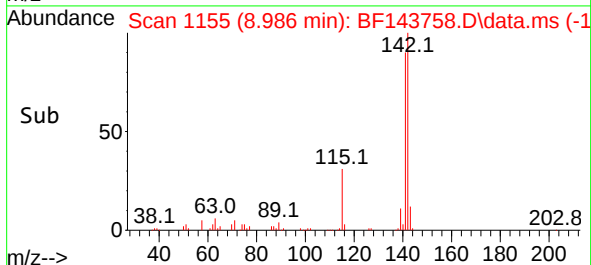
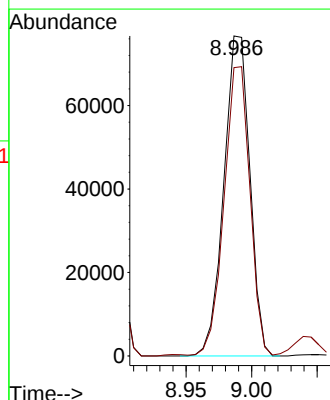
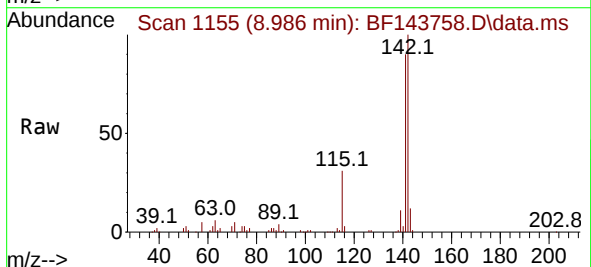
Acq: 15 Sep 2025 18:28

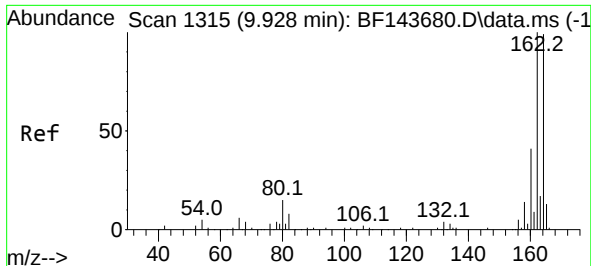
Tgt Ion:142 Resp: 105751

Ion Ratio Lower Upper

142 100

141 90.1 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: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

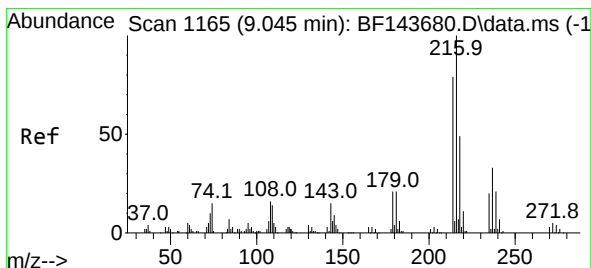
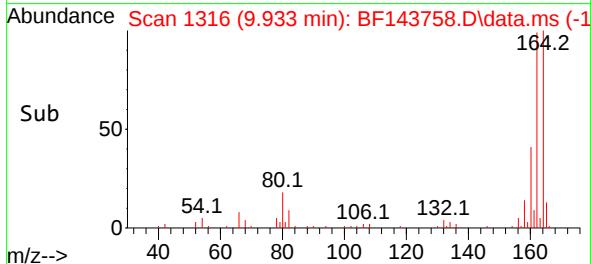
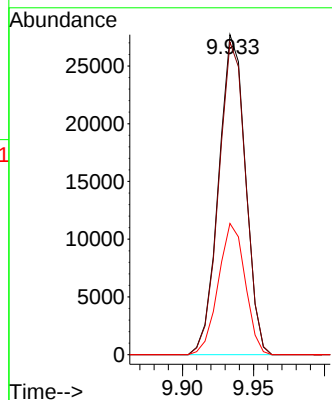
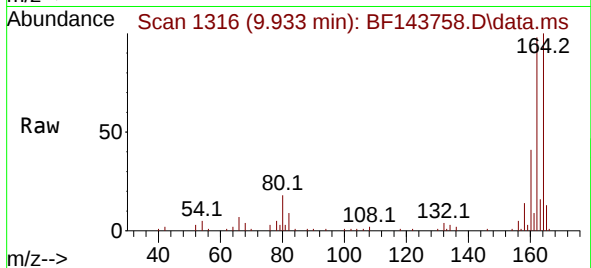
Tgt Ion:164 Resp: 36375

Ion Ratio Lower Upper

164 100

162 97.7 80.6 121.0

160 41.0 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.055 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Tgt Ion:216 Resp: 58373

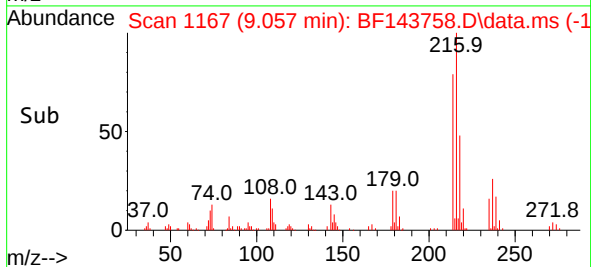
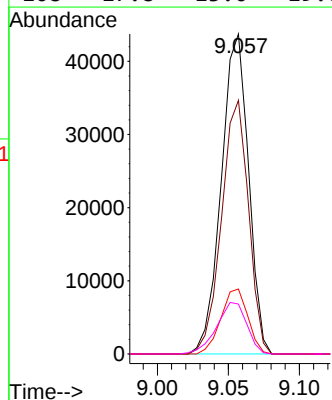
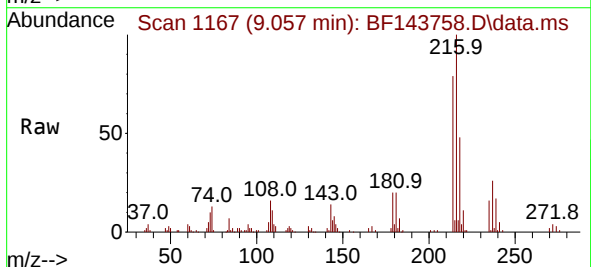
Ion Ratio Lower Upper

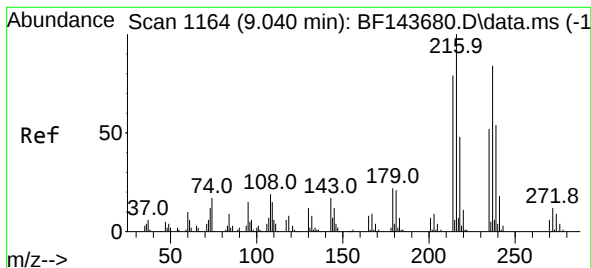
216 100

214 78.3 63.2 94.8

179 20.1 16.8 25.2

108 17.8 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 113.943 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

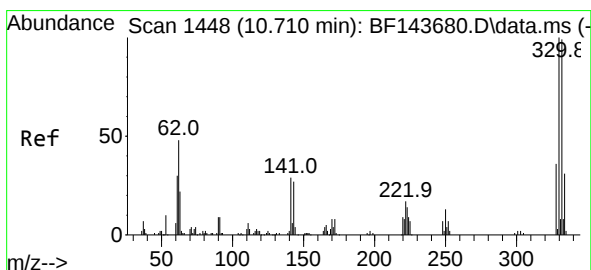
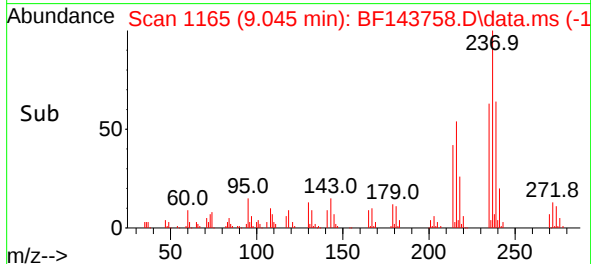
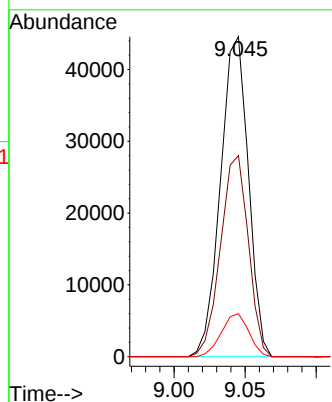
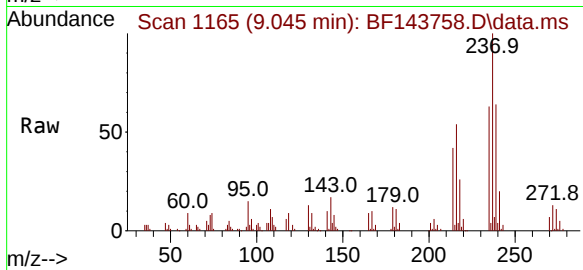
Tgt Ion:237 Resp: 60917

Ion Ratio Lower Upper

237 100

235 62.8 41.6 81.6

272 13.5 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 172.045 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.017 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

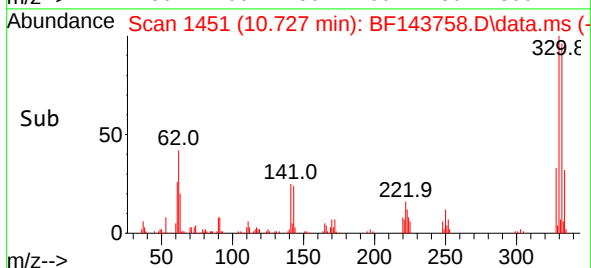
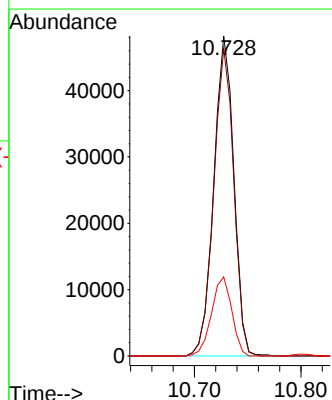
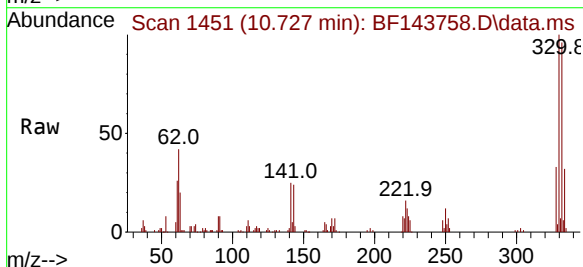
Tgt Ion:330 Resp: 63068

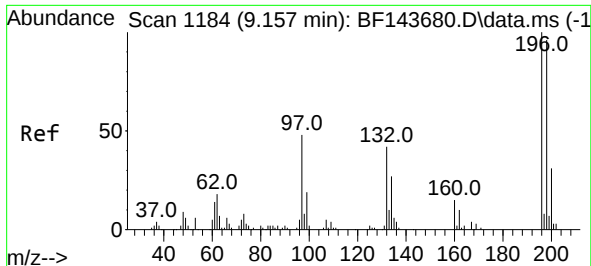
Ion Ratio Lower Upper

330 100

332 95.9 79.2 118.8

141 24.9 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 56.782 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

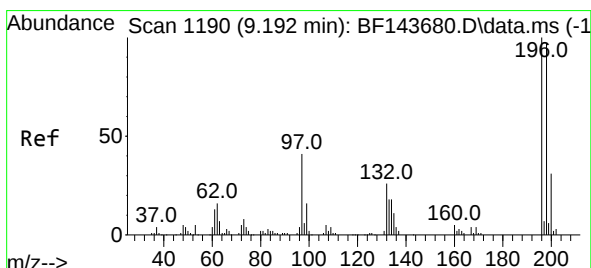
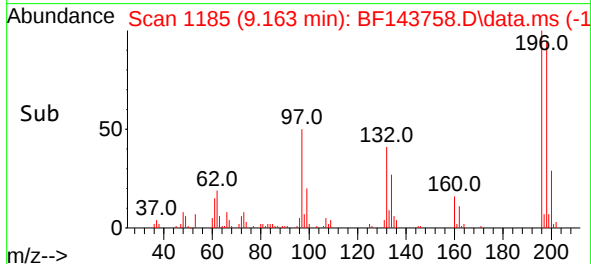
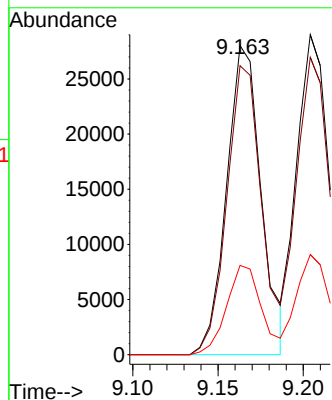
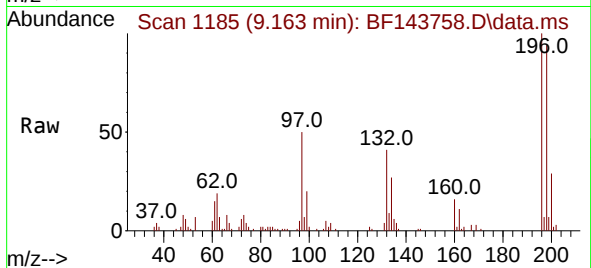
Tgt Ion:196 Resp: 39484

Ion Ratio Lower Upper

196 100

198 93.5 76.5 114.7

200 28.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 54.703 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Tgt Ion:196 Resp: 38670

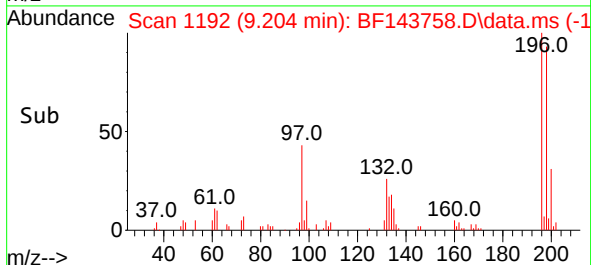
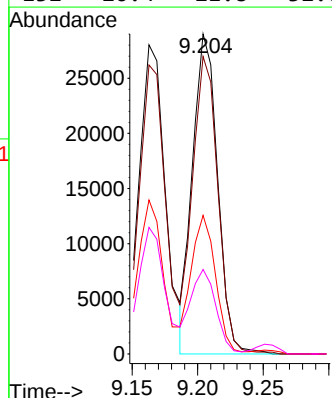
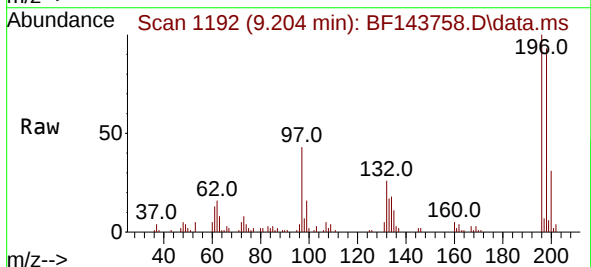
Ion Ratio Lower Upper

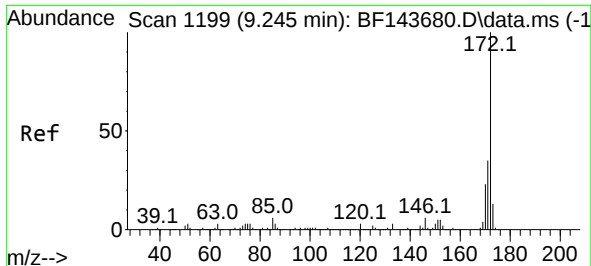
196 100

198 92.9 77.0 115.6

97 43.3 34.2 51.4

132 26.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 105.596 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

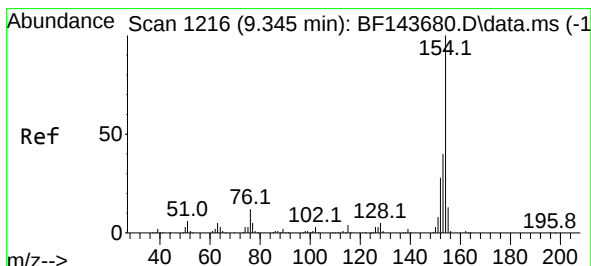
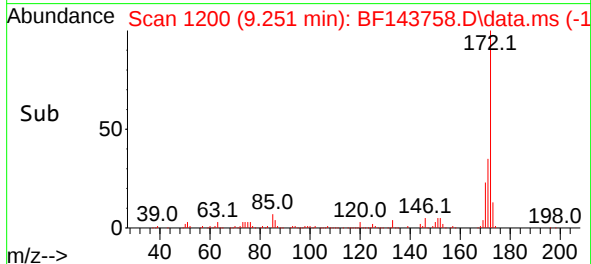
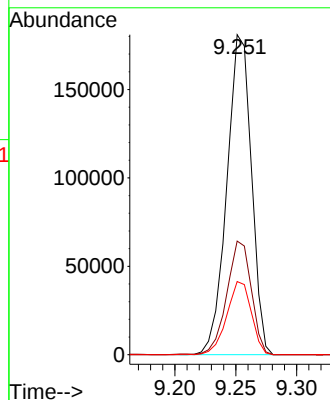
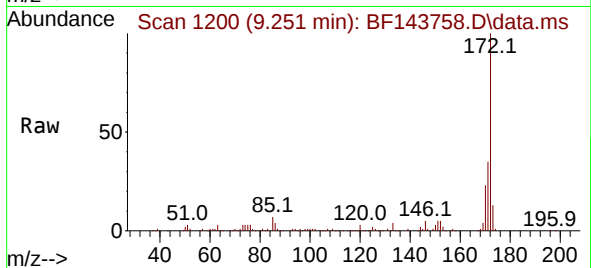
Tgt Ion:172 Resp: 254272

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 22.9 18.6 27.8



#46

1,1'-Biphenyl

Concen: 59.190 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

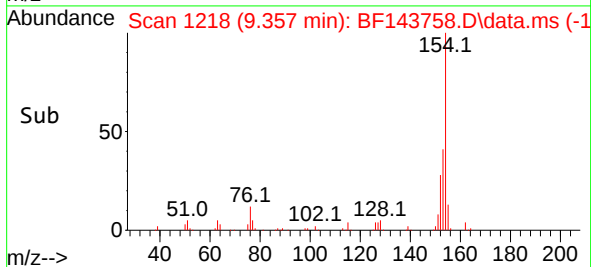
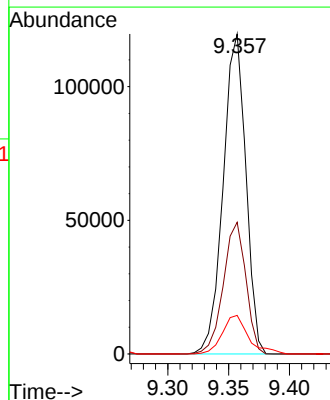
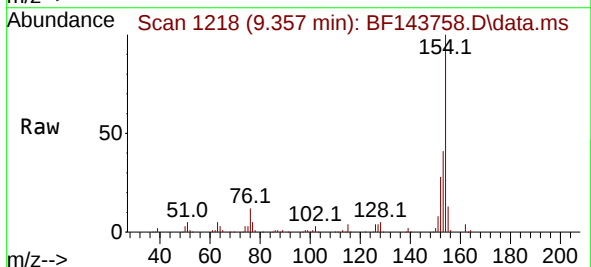
Tgt Ion:154 Resp: 155001

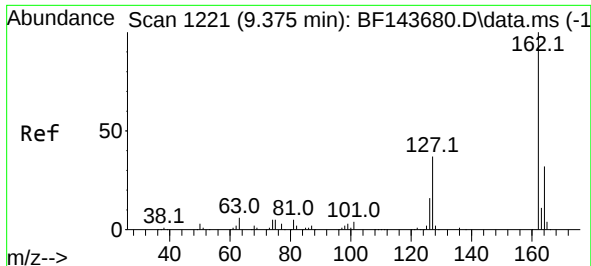
Ion Ratio Lower Upper

154 100

153 41.2 20.2 60.2

76 12.1 0.0 31.6





#47

2-Chloronaphthalene

Concen: 52.218 ng

RT: 9.381 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

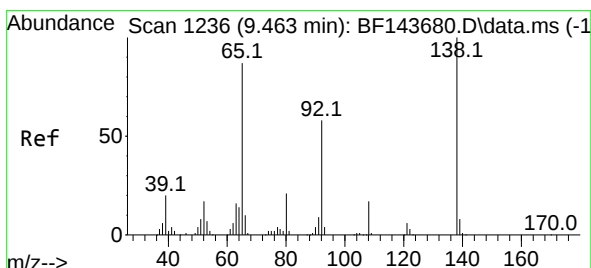
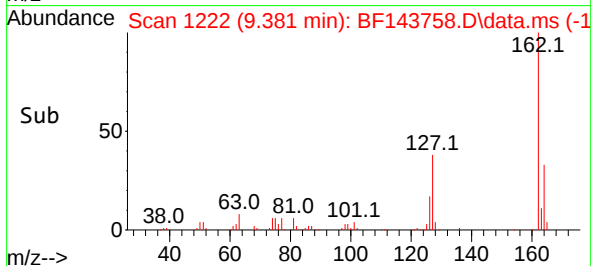
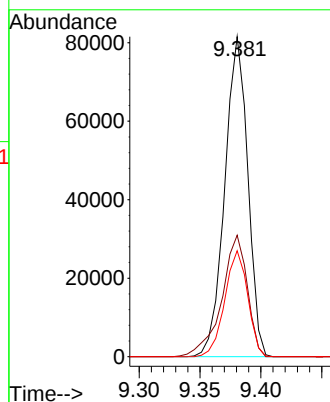
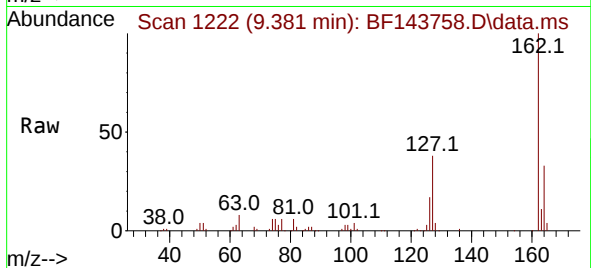
Tgt Ion:162 Resp: 107201

Ion Ratio Lower Upper

162 100

127 38.0 30.6 45.8

164 33.1 25.8 38.8



#48

2-Nitroaniline

Concen: 56.747 ng

RT: 9.475 min Scan# 1238

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

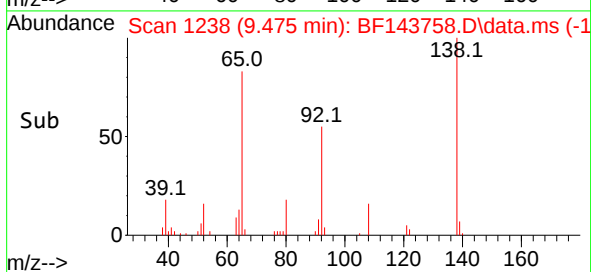
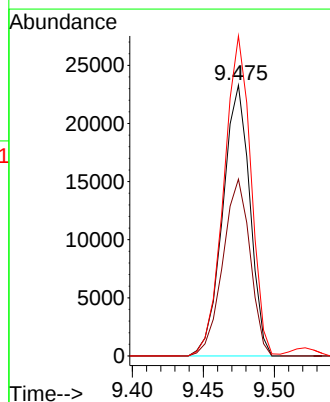
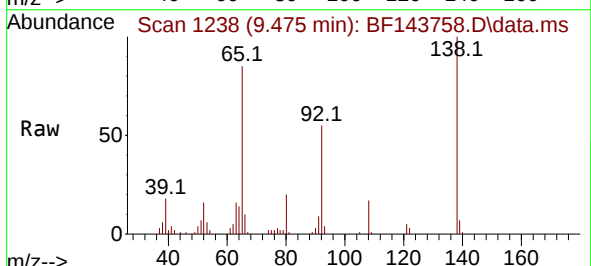
Tgt Ion: 65 Resp: 30830

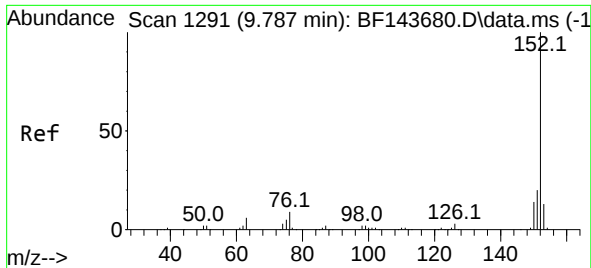
Ion Ratio Lower Upper

65 100

92 65.3 53.3 79.9

138 118.2 92.1 138.1

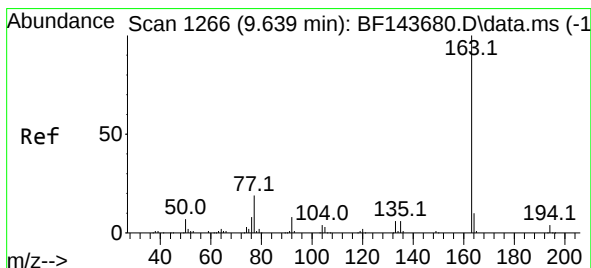
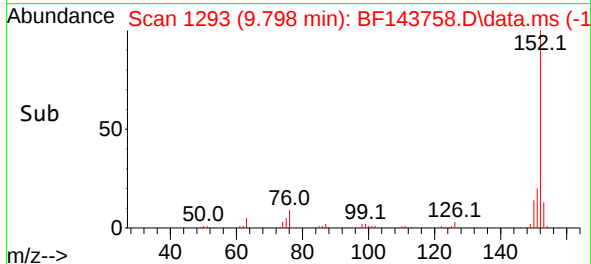
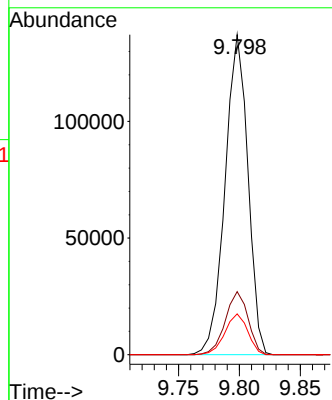
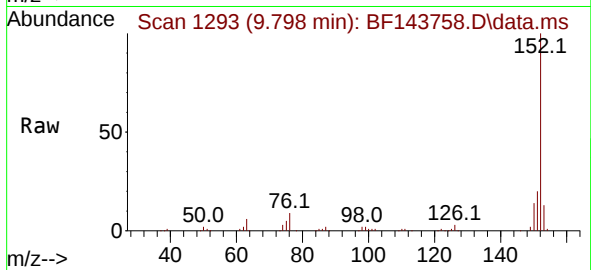




#49
Acenaphthylene
Concen: 60.896 ng
RT: 9.798 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

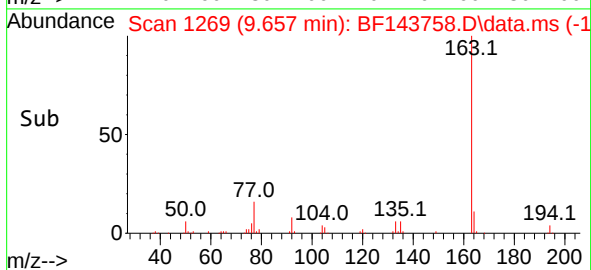
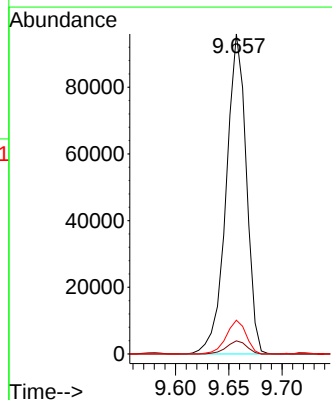
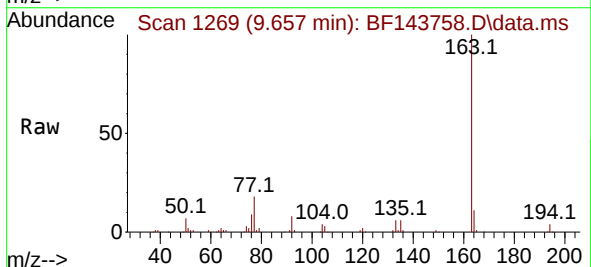
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

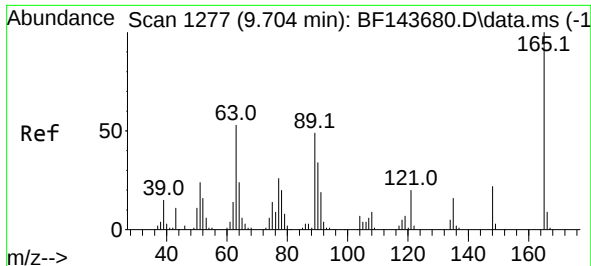
Tgt Ion:152 Resp: 179079
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.8 10.4 15.6



#50
Dimethylphthalate
Concen: 53.266 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:163 Resp: 126062
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.5 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 61.259 ng

RT: 9.716 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

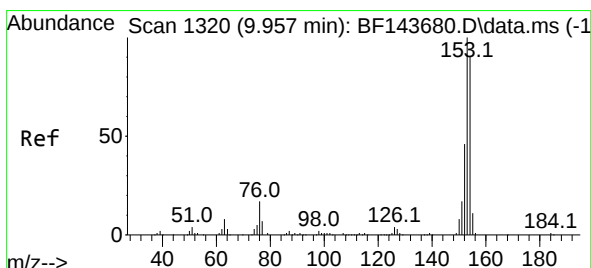
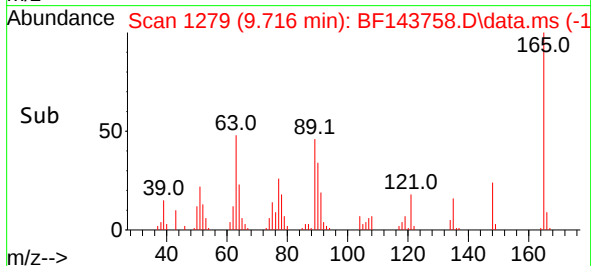
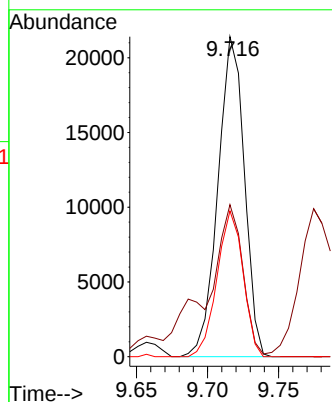
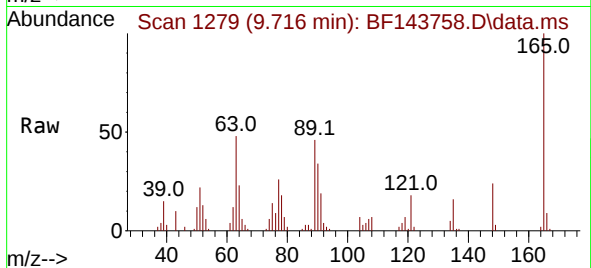
Tgt Ion:165 Resp: 27720

Ion Ratio Lower Upper

165 100

63 47.5 42.2 63.4

89 45.6 39.3 58.9



#52

Acenaphthene

Concen: 57.660 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

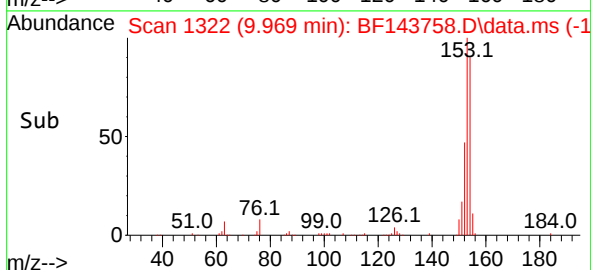
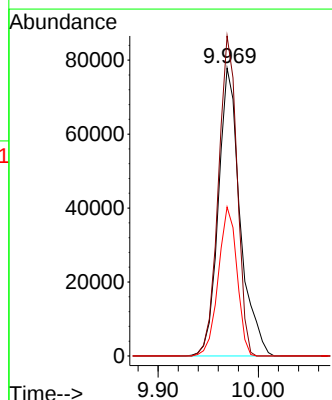
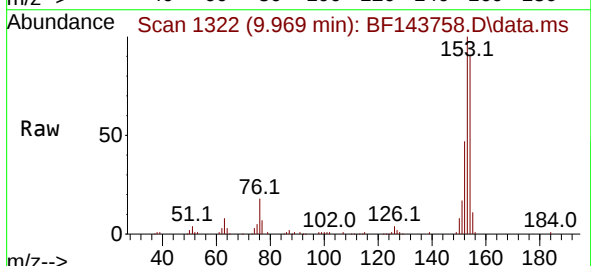
Tgt Ion:154 Resp: 116844

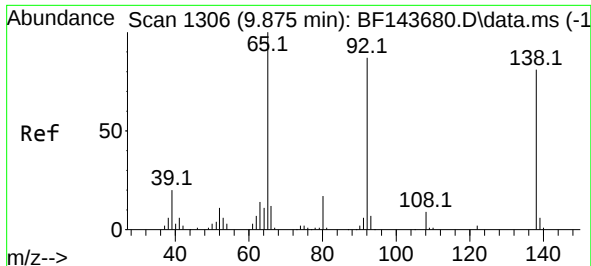
Ion Ratio Lower Upper

154 100

153 111.2 89.4 134.0

152 51.7 41.2 61.8

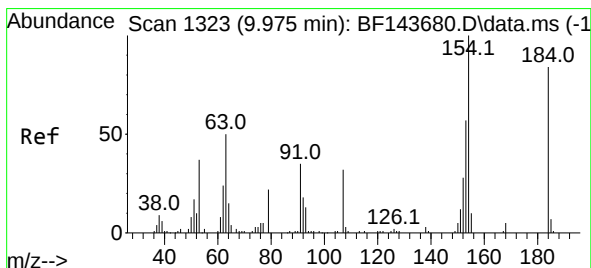
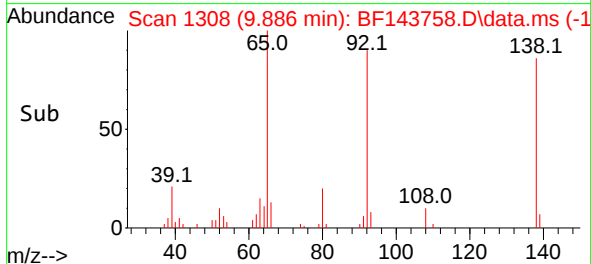
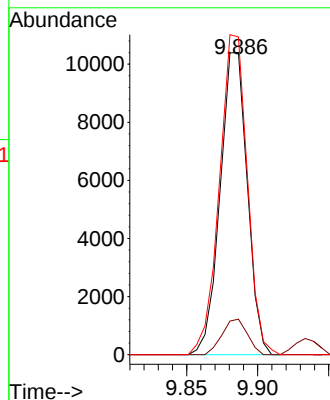
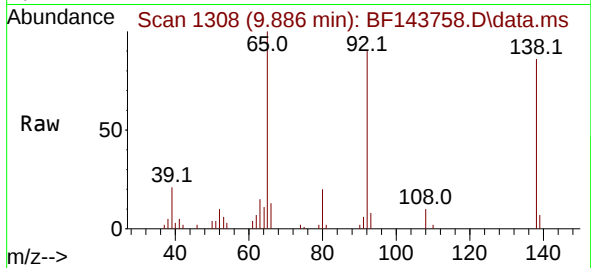




#53
3-Nitroaniline
Concen: 28.386 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

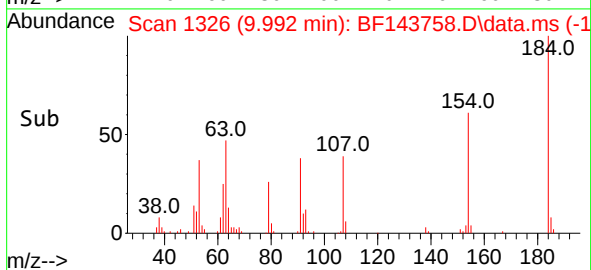
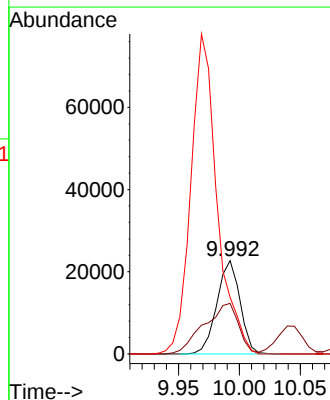
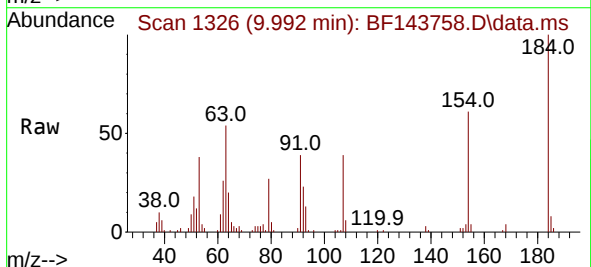
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

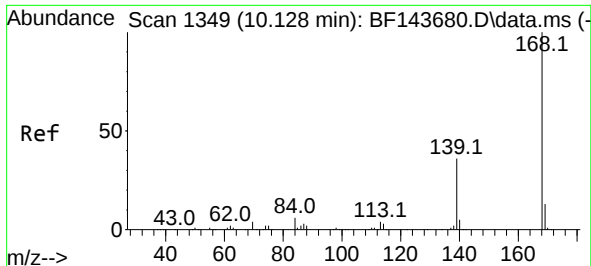
Tgt Ion:138 Resp: 13823
Ion Ratio Lower Upper
138 100
108 11.8 8.6 12.8
92 105.2 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 120.198 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:184 Resp: 29996
Ion Ratio Lower Upper
184 100
63 54.2 52.7 79.1
154 60.5 136.6 204.8#

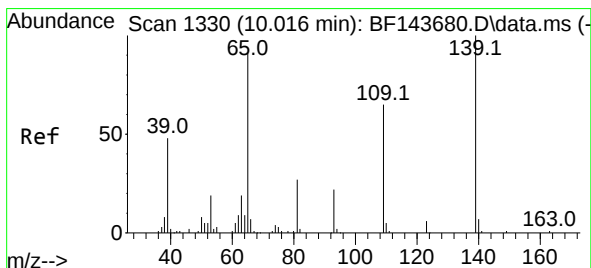
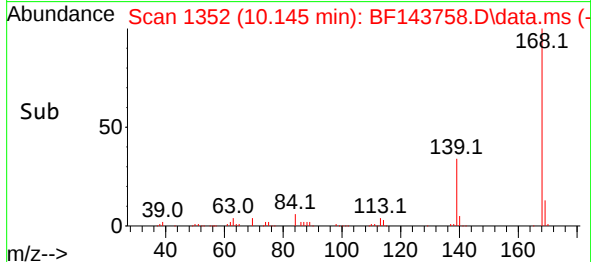
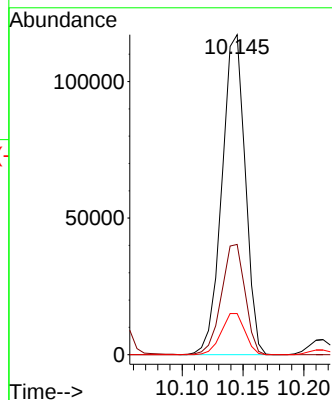
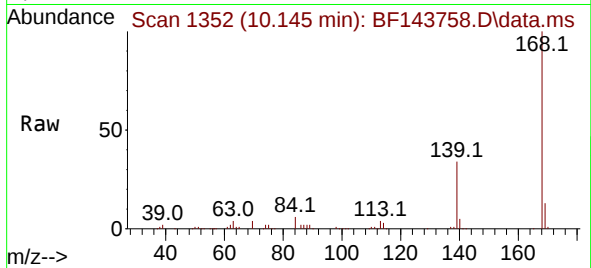




#55
Dibenzofuran
Concen: 53.557 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.017 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

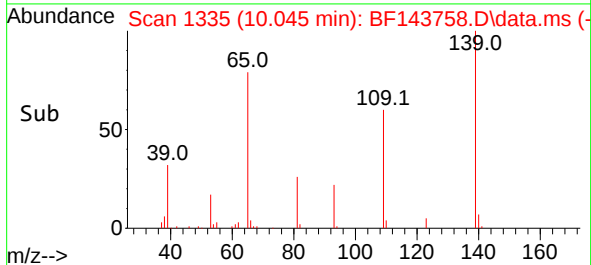
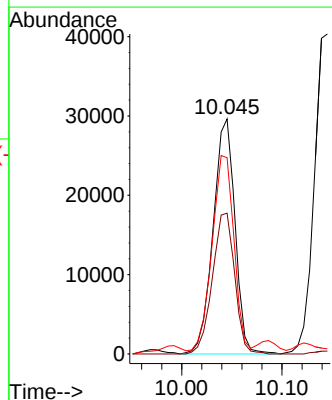
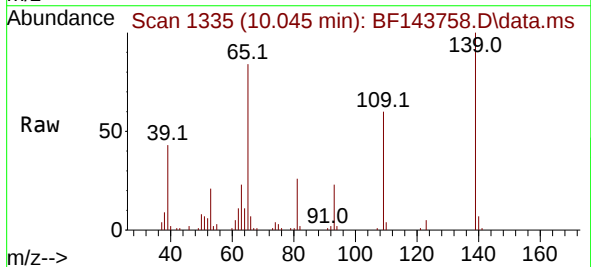
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

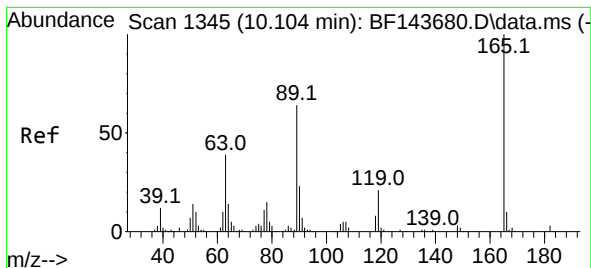
Tgt Ion:168 Resp: 156060
Ion Ratio Lower Upper
168 100
139 34.4 29.0 43.4
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 115.667 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.029 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:139 Resp: 44811
Ion Ratio Lower Upper
139 100
109 59.9 45.2 85.2
65 83.5 72.1 112.1

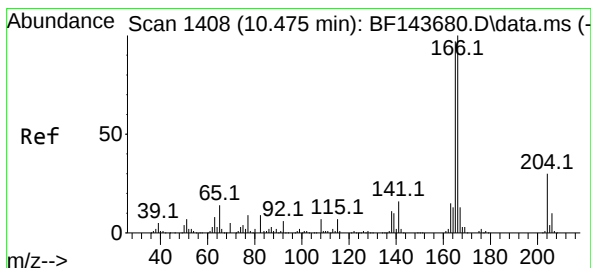
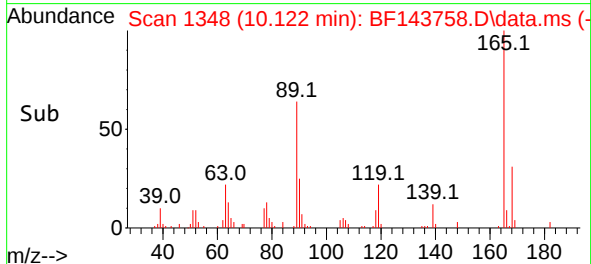
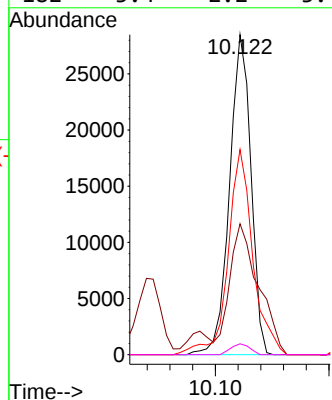
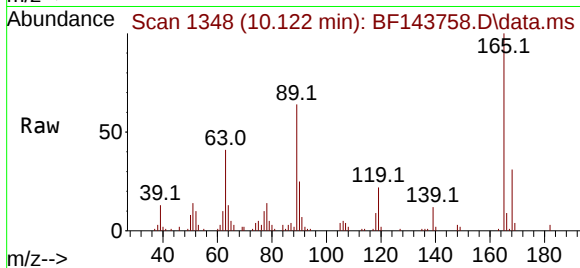




#57
2,4-Dinitrotoluene
Concen: 60.478 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

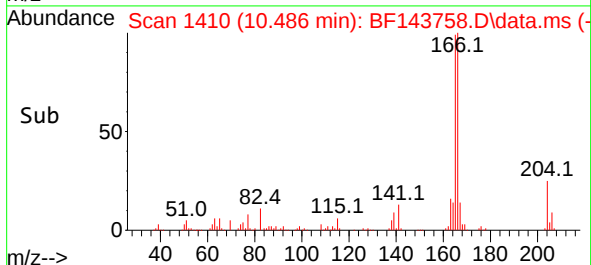
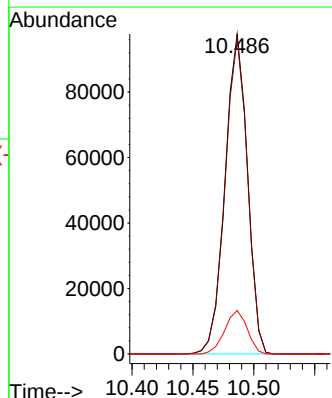
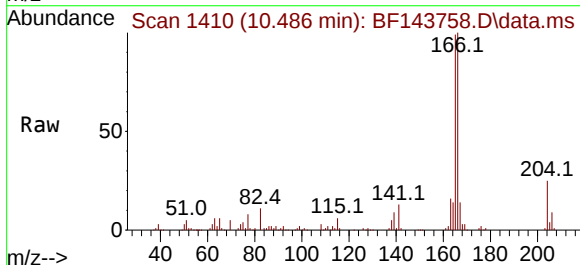
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

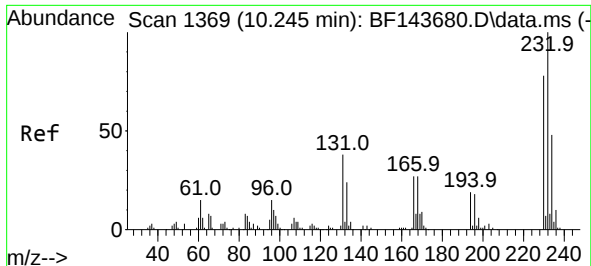
Tgt Ion:165 Resp: 37246
Ion Ratio Lower Upper
165 100
63 40.9 31.5 47.3
89 64.1 51.3 76.9
182 3.4 2.2 3.4#



#58
Fluorene
Concen: 55.039 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:166 Resp: 125543
Ion Ratio Lower Upper
166 100
165 98.6 77.5 116.3
167 13.6 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.422 ng

RT: 10.257 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

Tgt Ion:232 Resp: 34061

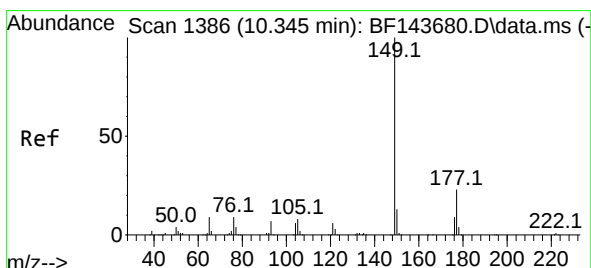
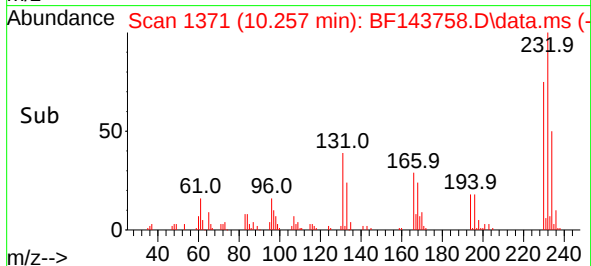
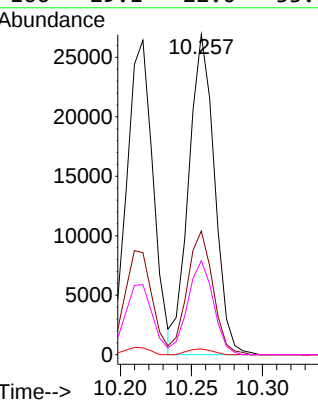
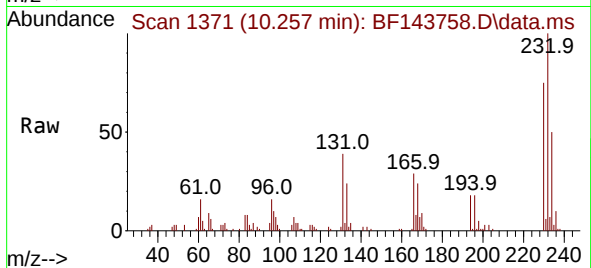
Ion Ratio Lower Upper

232 100

131 38.5 31.9 47.9

130 1.7 1.4 2.0

166 29.1 22.0 33.0



#60

Diethylphthalate

Concen: 52.588 ng

RT: 10.357 min Scan# 1388

Delta R.T. 0.012 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

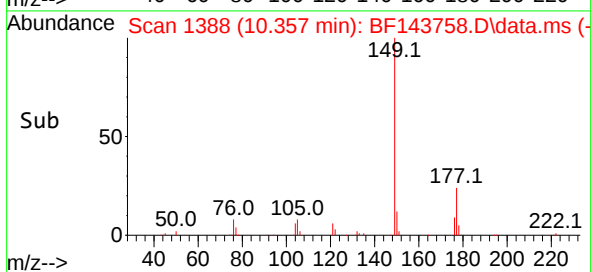
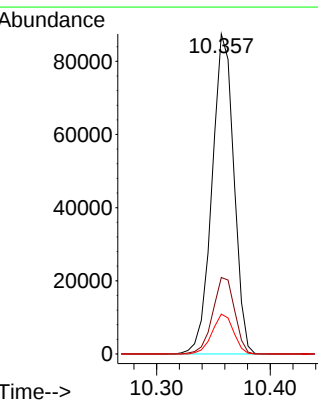
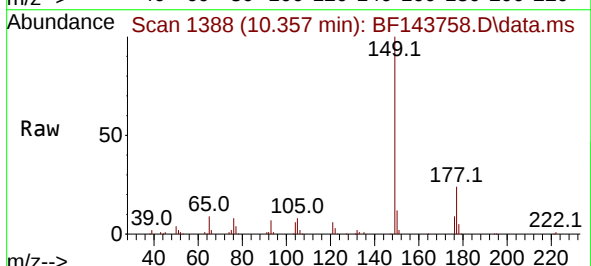
Tgt Ion:149 Resp: 116845

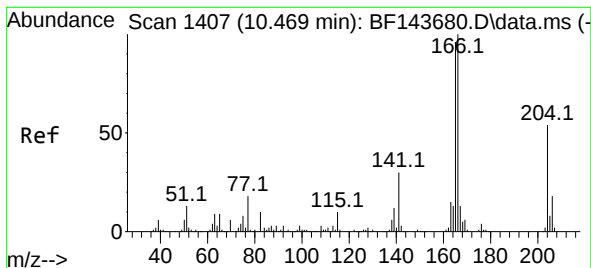
Ion Ratio Lower Upper

149 100

177 23.9 18.2 27.2

150 12.4 10.0 15.0

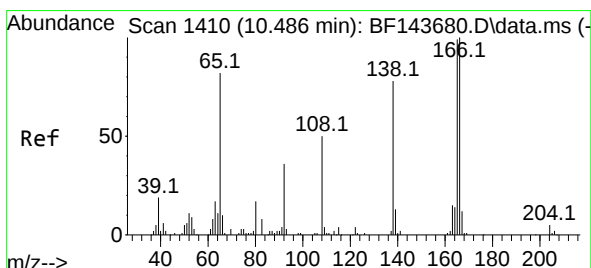
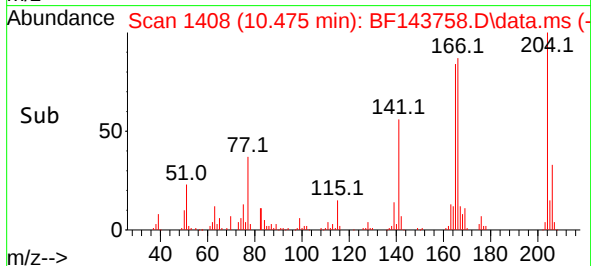
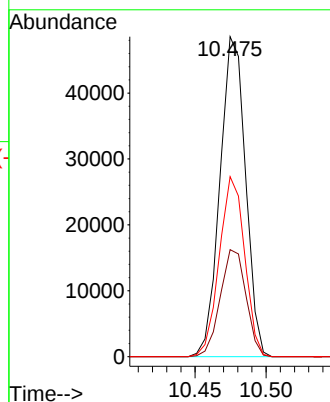
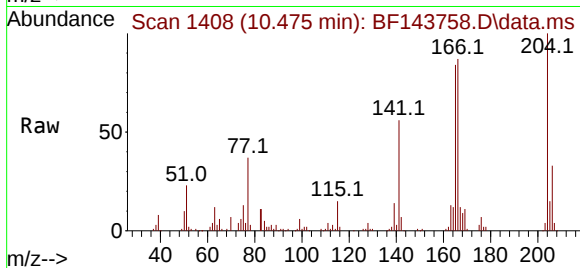




#61
4-Chlorophenyl-phenylether
Concen: 52.568 ng
RT: 10.475 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

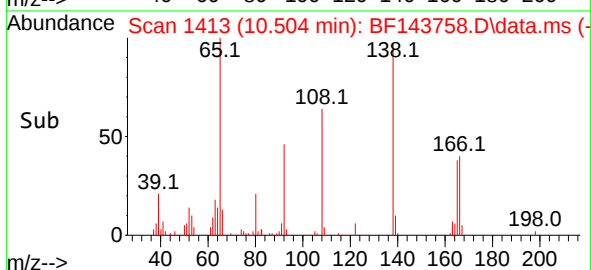
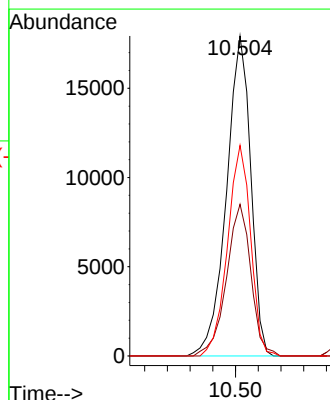
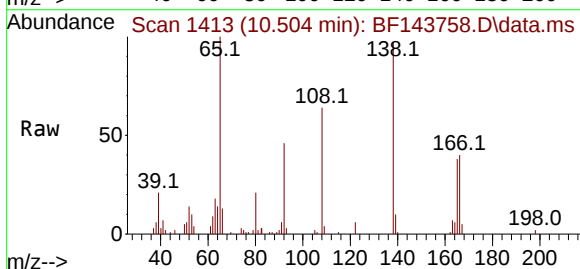
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

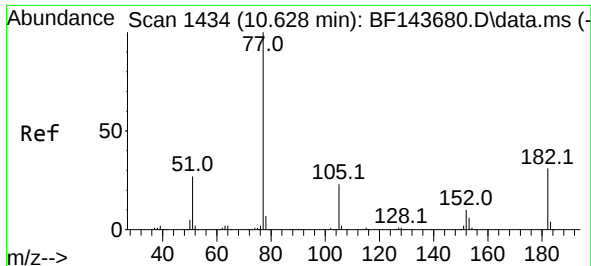
Tgt Ion:204 Resp: 60811
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 56.3 44.8 67.2



#62
4-Nitroaniline
Concen: 57.689 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:138 Resp: 26607
Ion Ratio Lower Upper
138 100
92 47.4 26.4 66.4
108 65.8 44.3 84.3

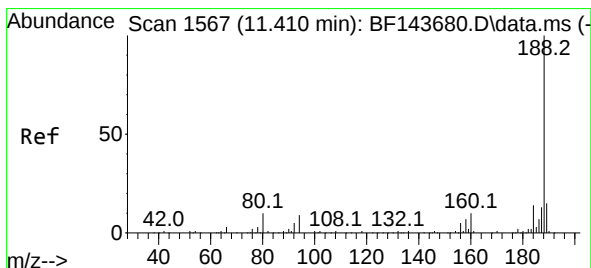
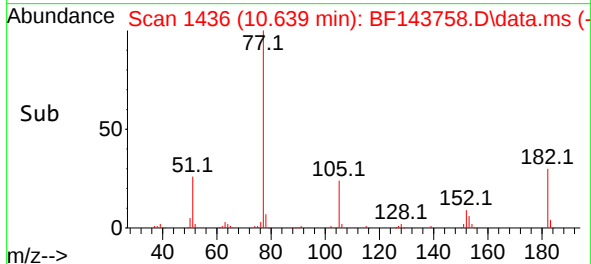
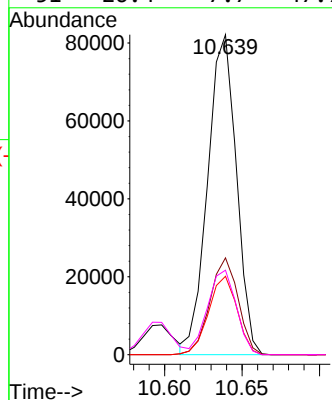
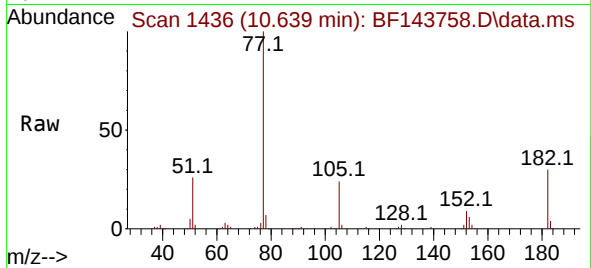




#63
Azobenzene
Concen: 53.986 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

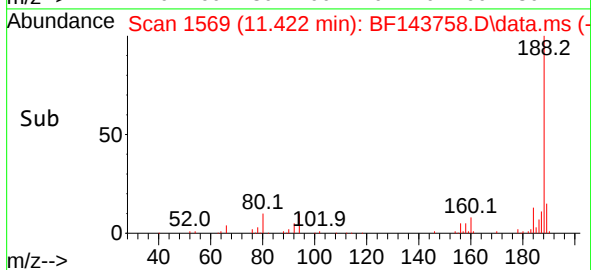
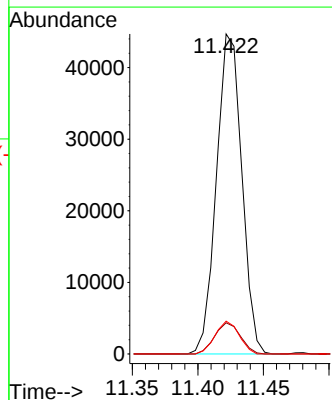
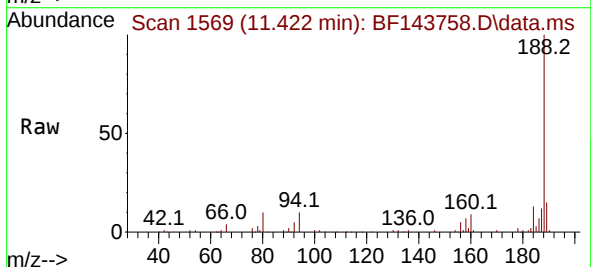
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

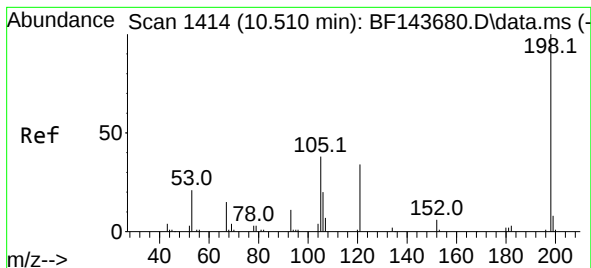
Tgt Ion: 77	Resp: 106044
Ion Ratio	Lower Upper
77 100	
182 30.3	10.8 50.8
105 24.5	3.2 43.2
51 26.4	7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:188	Resp: 60029
Ion Ratio	Lower Upper
188 100	
94 9.7	7.4 11.0
80 10.2	7.7 11.5

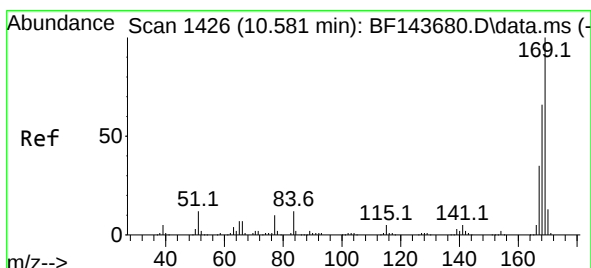
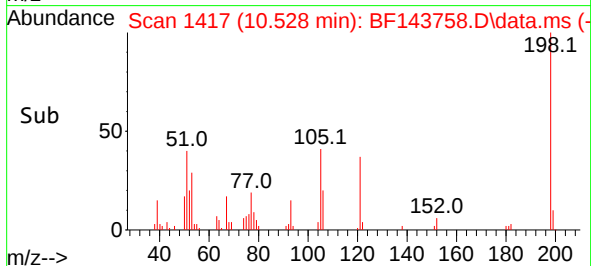
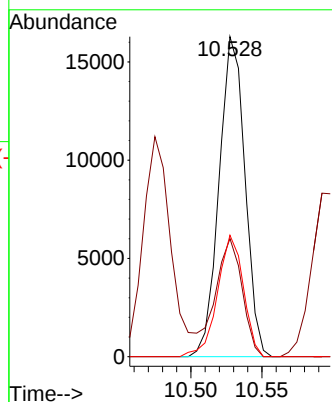
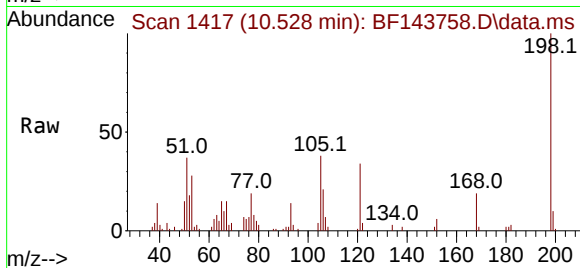




#65
4,6-Dinitro-2-methylphenol
Concen: 67.408 ng
RT: 10.528 min Scan# 1414
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

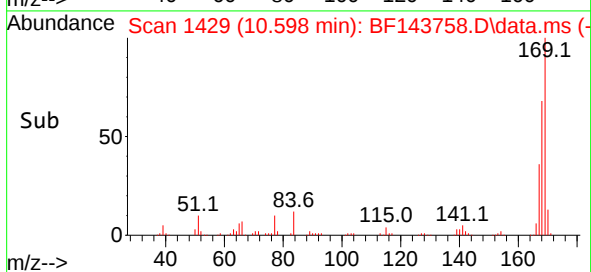
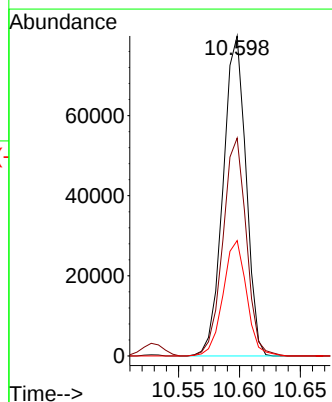
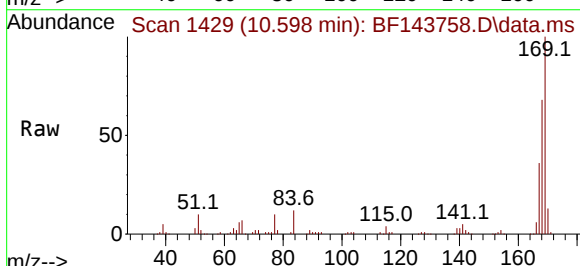
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

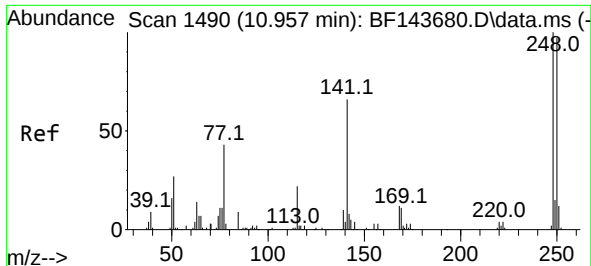
Tgt Ion:198 Resp: 20602
Ion Ratio Lower Upper
198 100
51 36.9 21.2 61.2
105 38.0 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 53.065 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:169 Resp: 104355
Ion Ratio Lower Upper
169 100
168 68.1 53.0 79.6
167 36.0 28.1 42.1

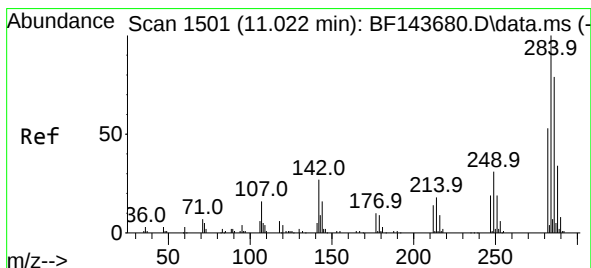
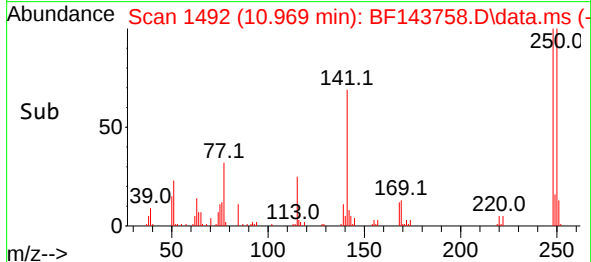
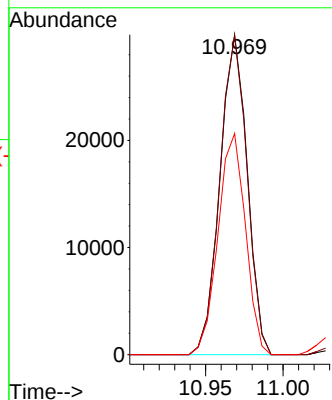
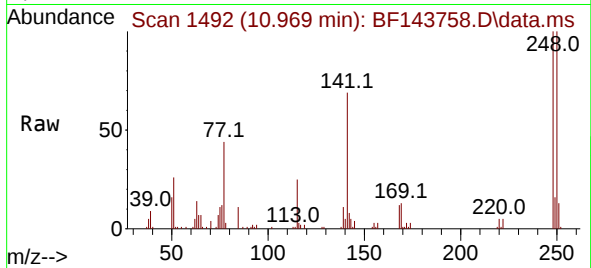




#67
4-Bromophenyl-phenylether
Concen: 50.485 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

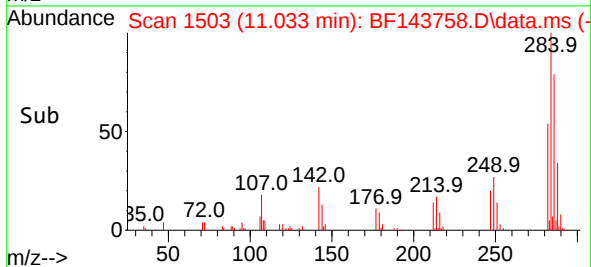
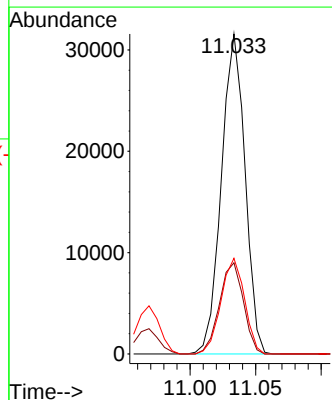
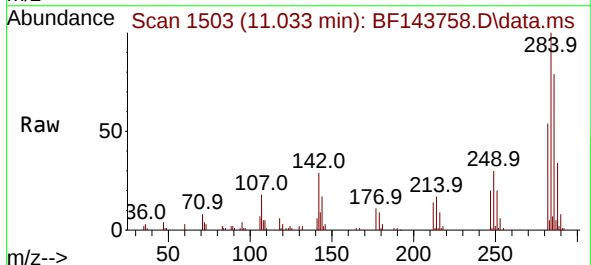
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

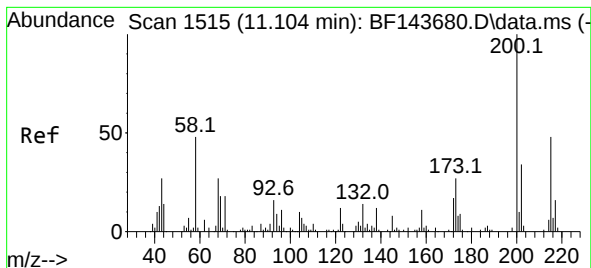
Tgt Ion:248 Resp: 36546
Ion Ratio Lower Upper
248 100
250 99.7 77.5 116.3
141 69.1 52.6 79.0



#68
Hexachlorobenzene
Concen: 51.752 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:284 Resp: 39557
Ion Ratio Lower Upper
284 100
142 28.5 21.3 31.9
249 29.9 25.0 37.4





#69

Atrazine

Concen: 53.351 ng

RT: 11.122 min Scan# 1518

Delta R.T. 0.018 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

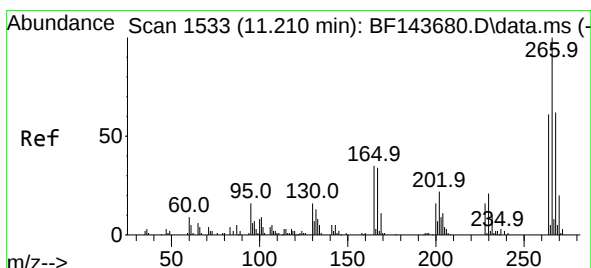
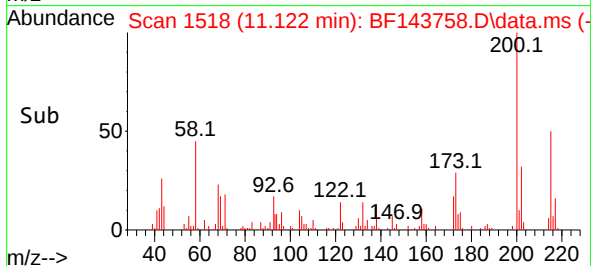
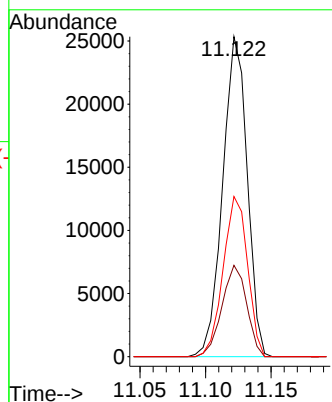
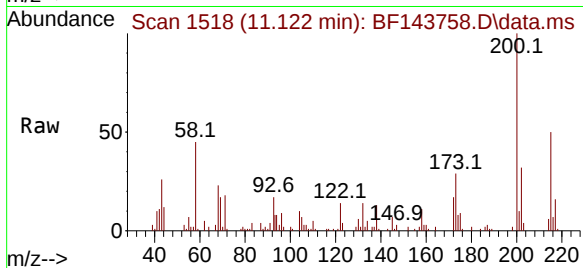
Tgt Ion:200 Resp: 32896

Ion Ratio Lower Upper

200 100

173 28.5 7.3 47.3

215 50.1 28.5 68.5



#70

Pentachlorophenol

Concen: 113.109 ng

RT: 11.227 min Scan# 1536

Delta R.T. 0.017 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

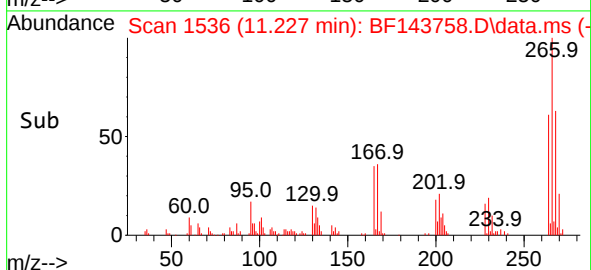
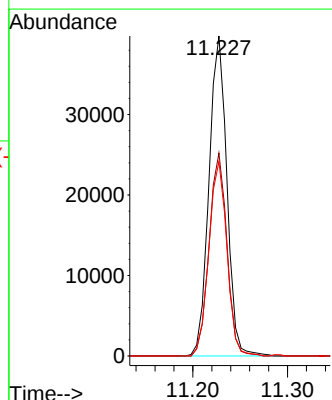
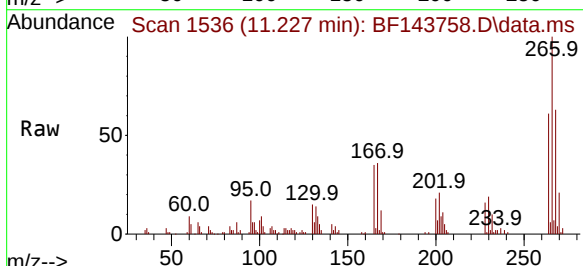
Tgt Ion:266 Resp: 52263

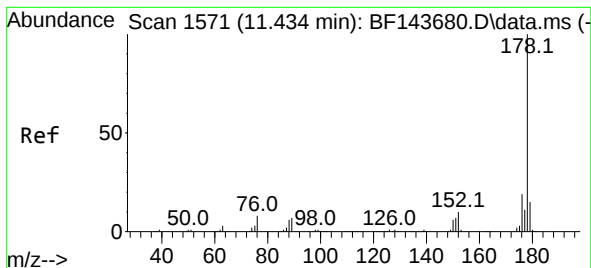
Ion Ratio Lower Upper

266 100

268 63.4 49.2 73.8

264 60.7 48.6 73.0





#71

Phenanthrene

Concen: 53.960 ng

RT: 11.451 min Scan# 1574

Delta R.T. 0.017 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

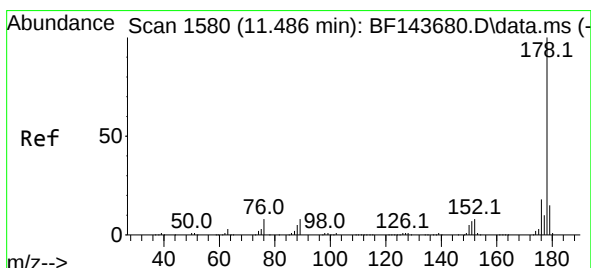
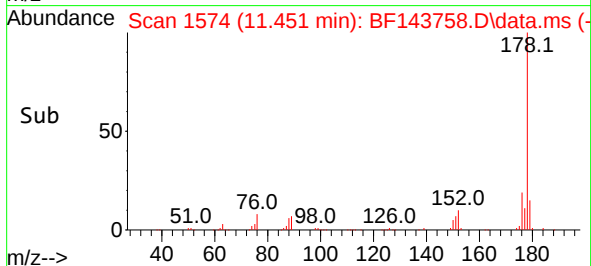
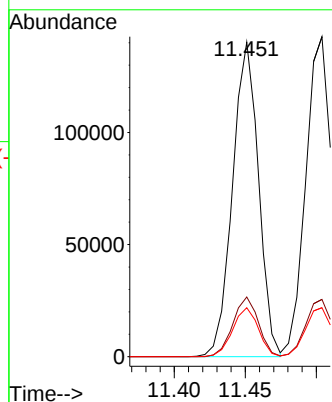
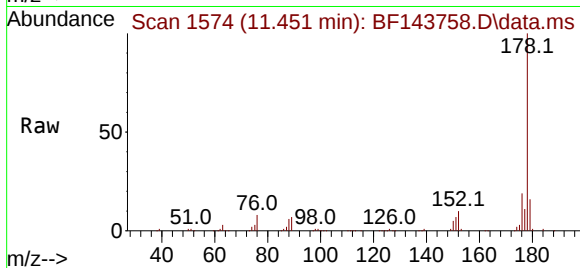
Tgt Ion:178 Resp: 178471

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.6 12.2 18.2



#72

Anthracene

Concen: 54.729 ng

RT: 11.504 min Scan# 1583

Delta R.T. 0.017 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

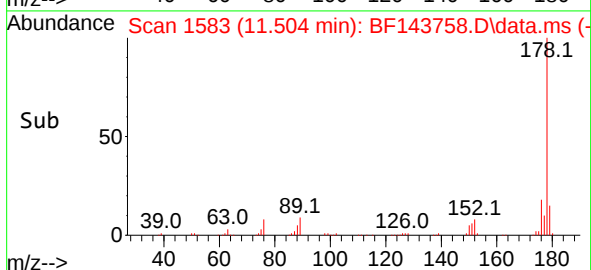
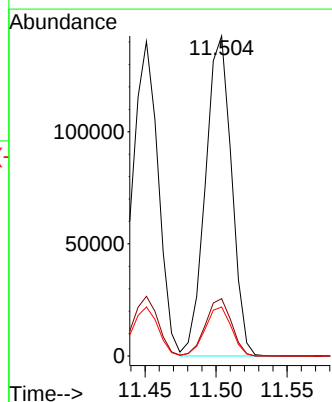
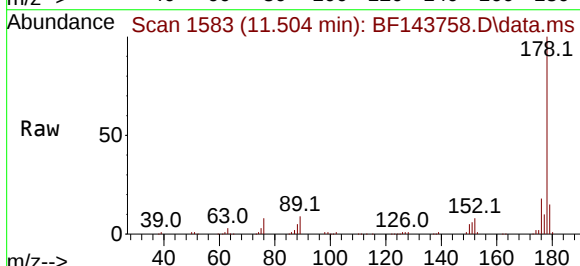
Tgt Ion:178 Resp: 182014

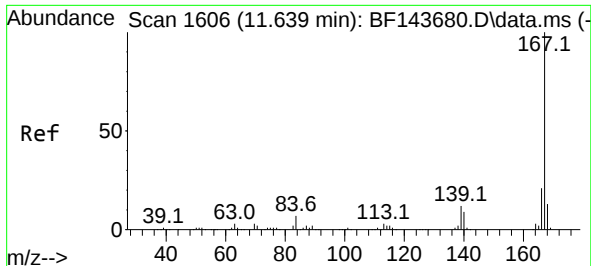
Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

179 15.3 12.2 18.2

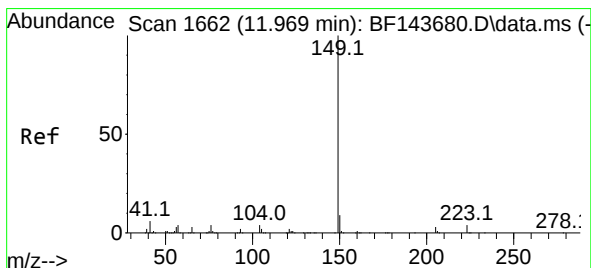
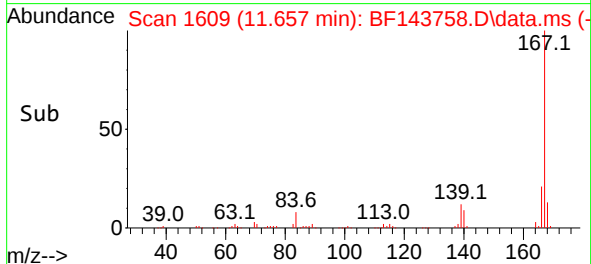
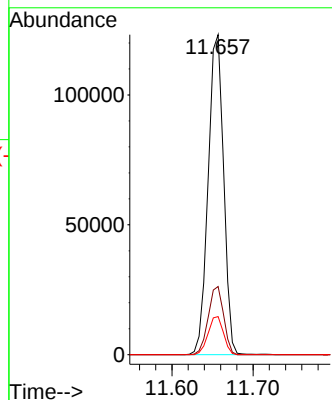
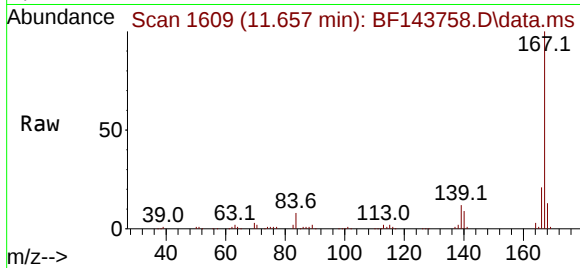




#73
 Carbazole
 Concen: 59.748 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.017 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

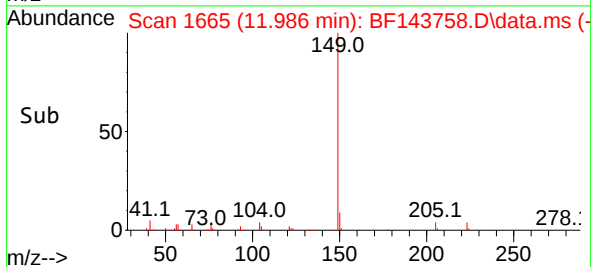
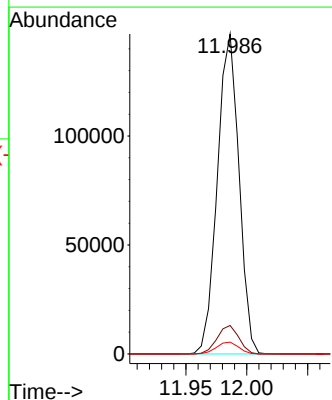
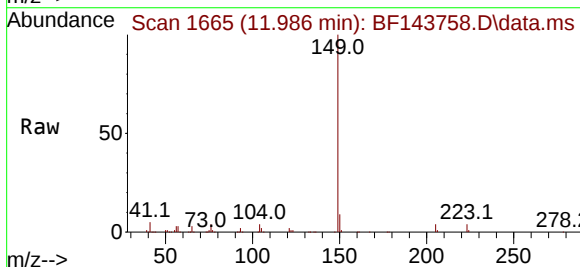
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MSD

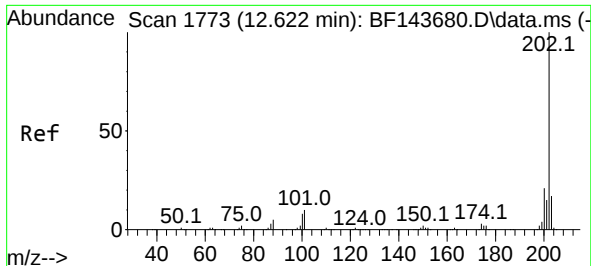
Tgt Ion:167 Resp: 162733
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 11.9 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 55.308 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. 0.018 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

Tgt Ion:149 Resp: 181360
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 3.7 3.3 4.9

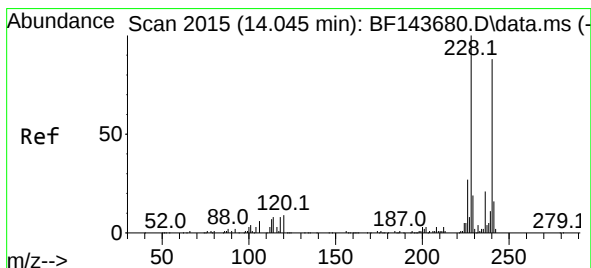
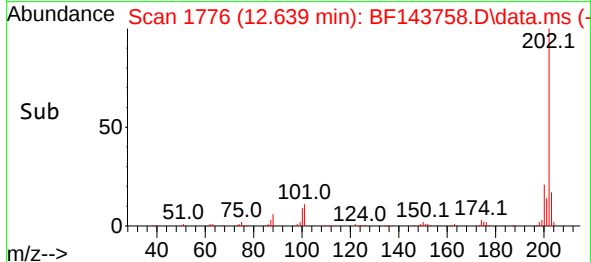
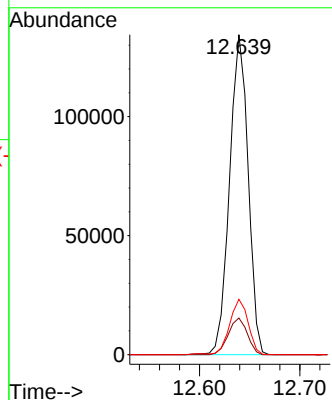
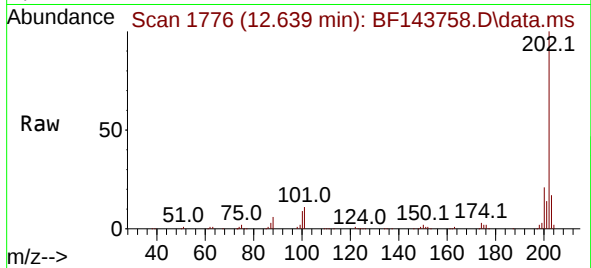




#75
Fluoranthene
Concen: 56.881 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

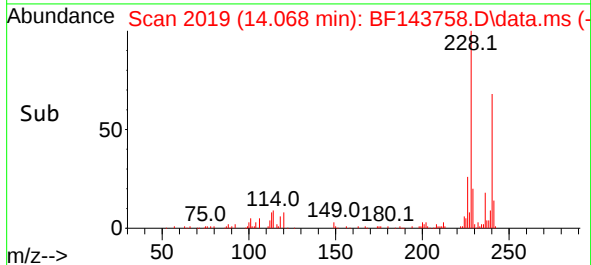
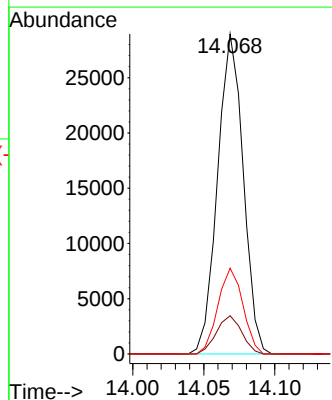
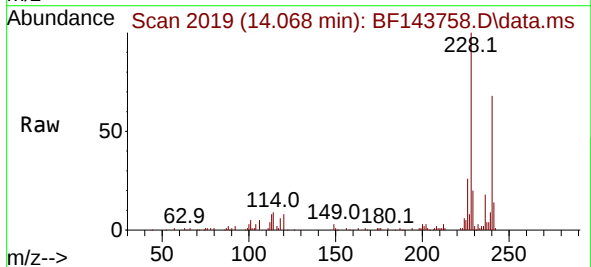
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

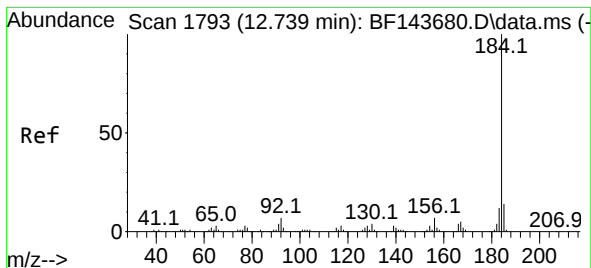
Tgt Ion:202 Resp: 172709
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.5
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:240 Resp: 36351
Ion Ratio Lower Upper
240 100
120 12.0 8.4 12.6
236 26.8 18.6 28.0





#77

Benzidine

Concen: 8.462 ng

RT: 12.757 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

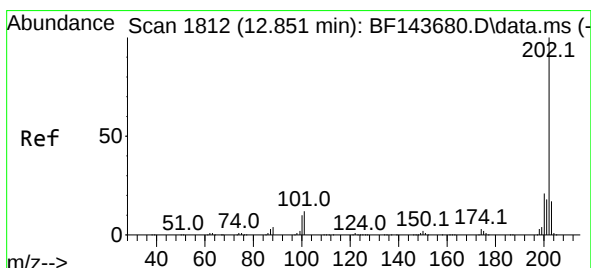
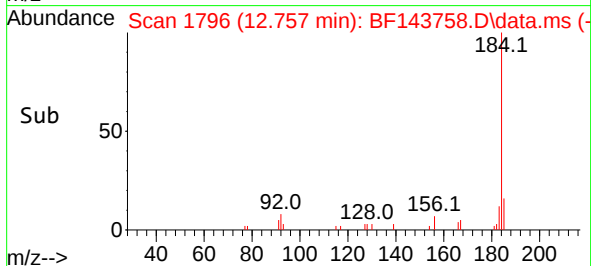
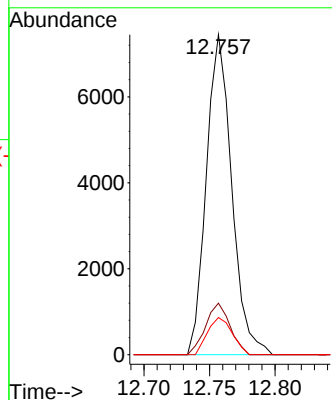
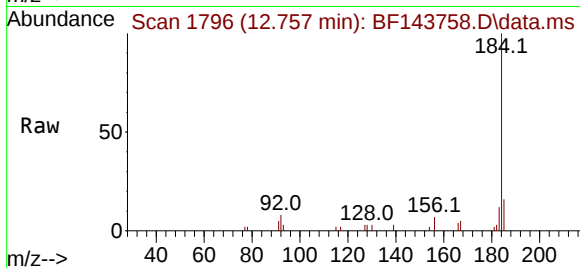
Tgt Ion:184 Resp: 10031

Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 11.6 9.4 14.2



#78

Pyrene

Concen: 60.584 ng

RT: 12.869 min Scan# 1815

Delta R.T. 0.018 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

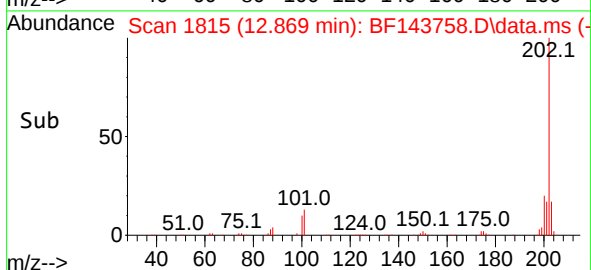
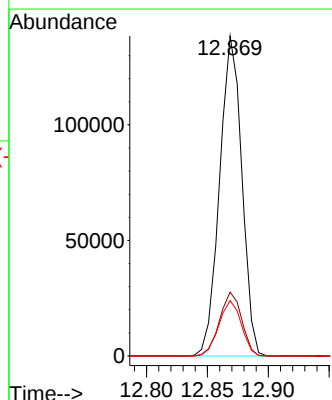
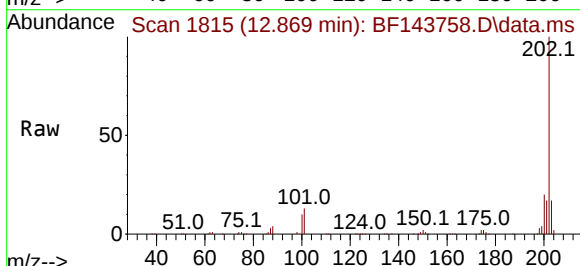
Tgt Ion:202 Resp: 176082

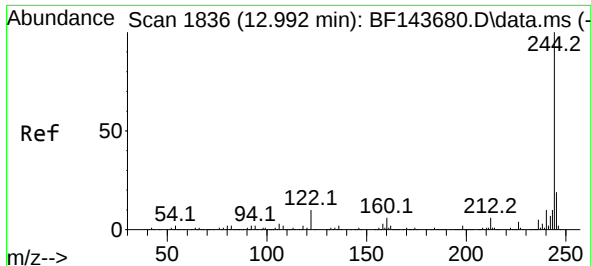
Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

203 17.3 13.5 20.3

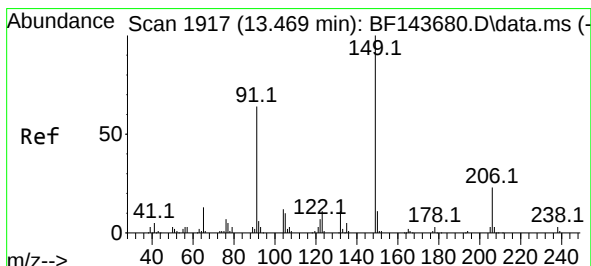
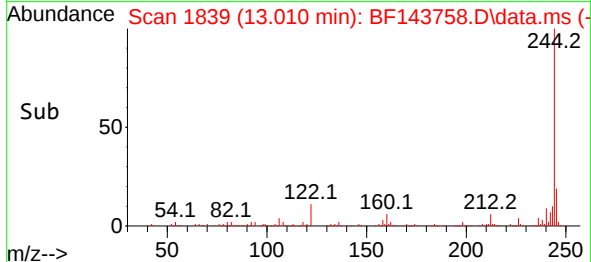
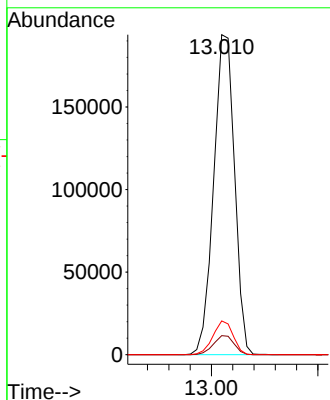
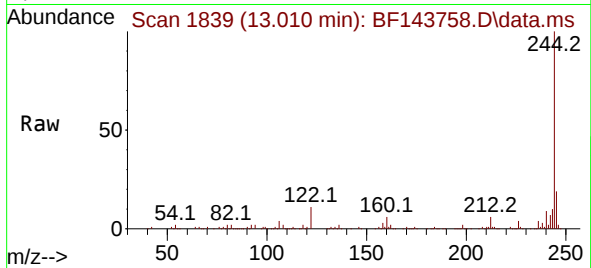




#79
 Terphenyl-d14
 Concen: 117.310 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.018 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

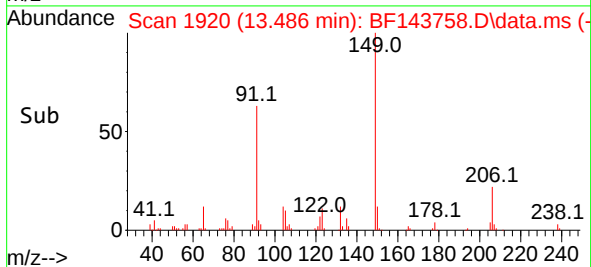
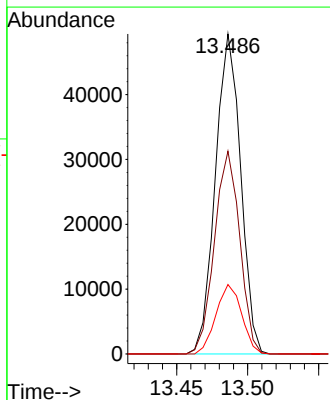
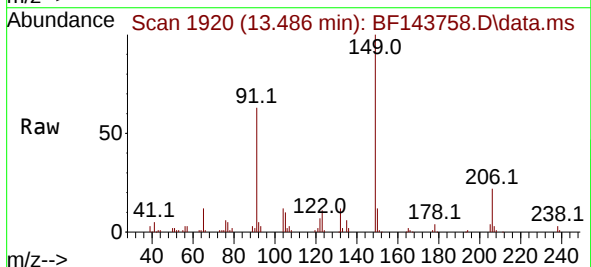
Instrument :
 BNA_F
 ClientSampleId :
 WC-29MSD

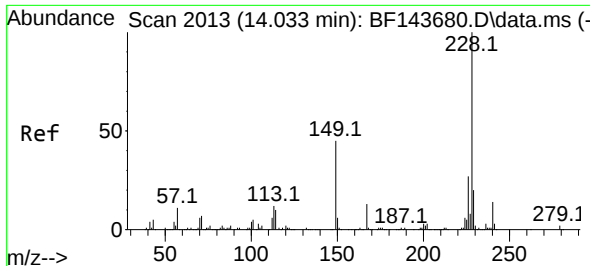
Tgt Ion:244 Resp: 263146
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.6
 122 10.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 67.083 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.018 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

Tgt Ion:149 Resp: 61088
 Ion Ratio Lower Upper
 149 100
 91 63.3 50.9 76.3
 206 21.7 18.2 27.2

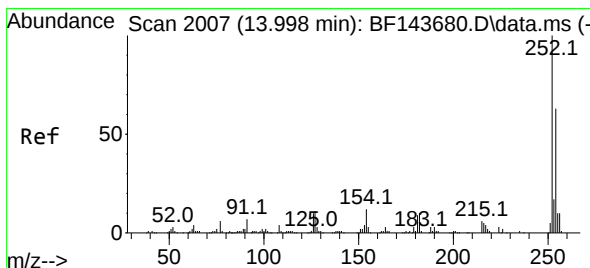
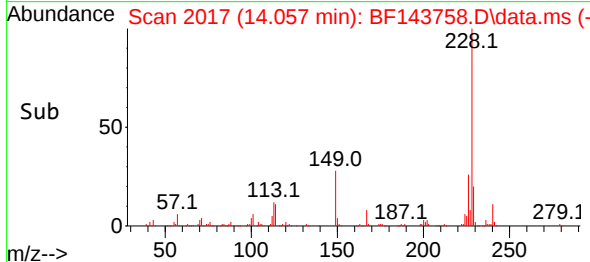
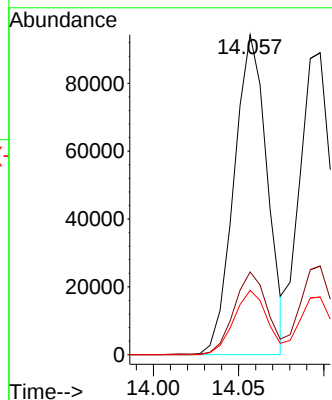
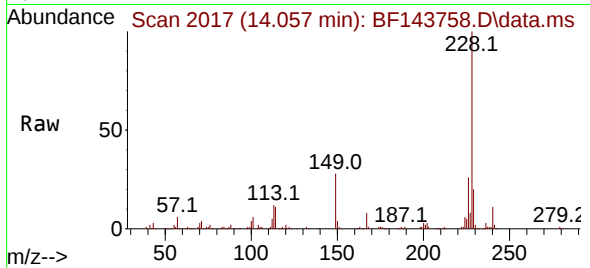




#81
Benzo(a)anthracene
Concen: 54.571 ng
RT: 14.057 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

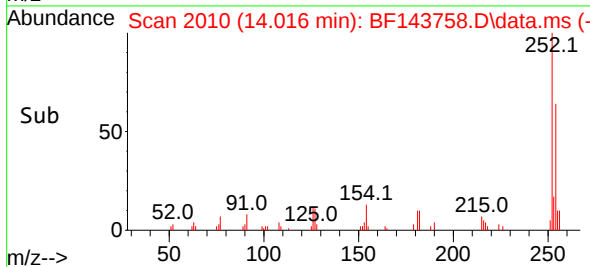
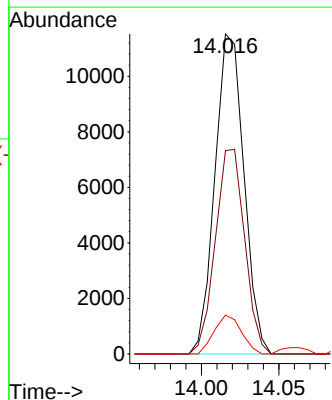
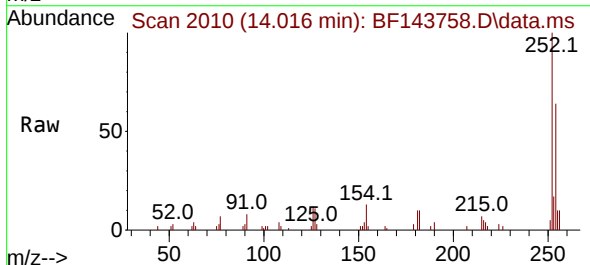
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

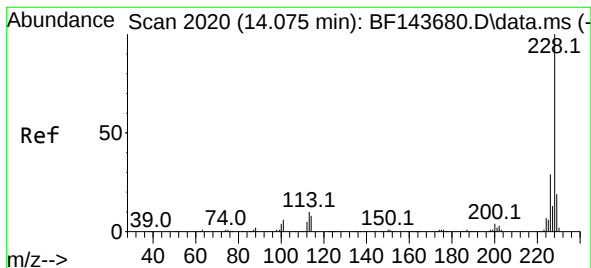
Tgt Ion:228 Resp: 127619
Ion Ratio Lower Upper
228 100
226 25.8 21.6 32.4
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 20.874 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:252 Resp: 15018
Ion Ratio Lower Upper
252 100
254 63.5 50.5 75.7
126 12.1 8.2 12.4





#83

Chrysene

Concen: 53.995 ng

RT: 14.098 min Scan# 2015

Delta R.T. 0.023 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

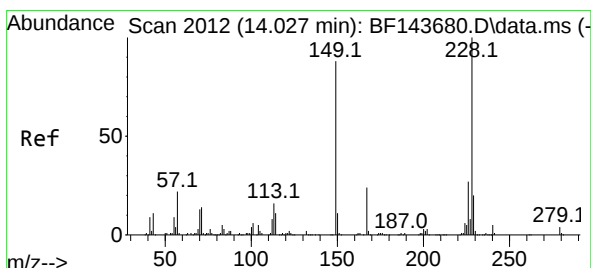
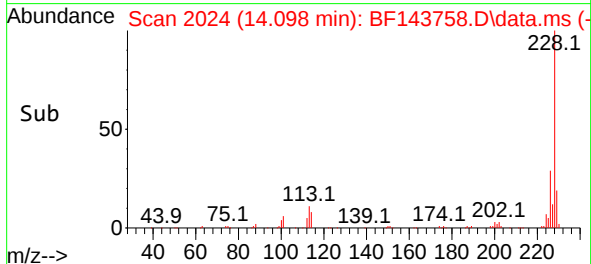
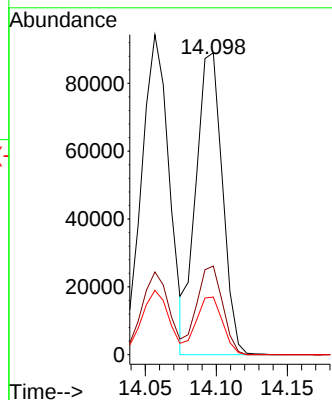
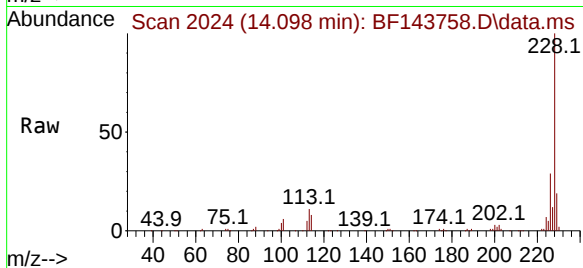
Tgt Ion:228 Resp: 115649

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

229 19.1 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.639 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.017 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

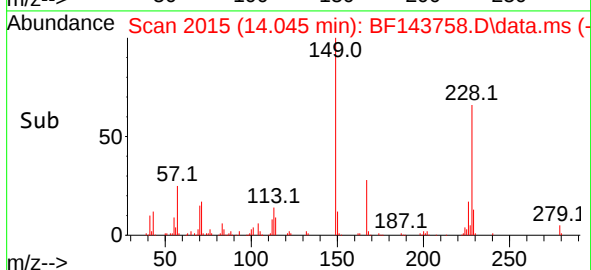
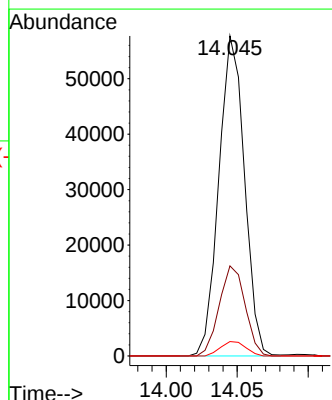
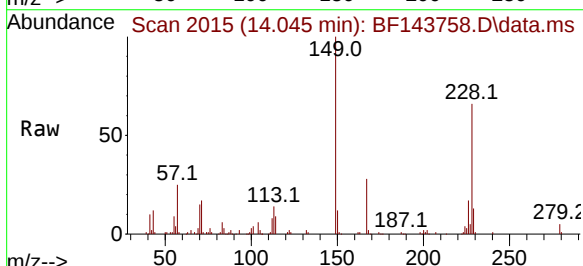
Tgt Ion:149 Resp: 72292

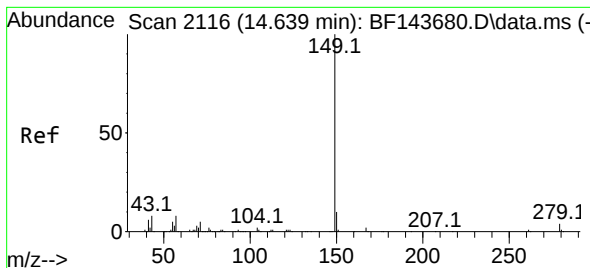
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 38.048 ng

RT: 14.663 min Scan# 2116

Delta R.T. 0.023 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

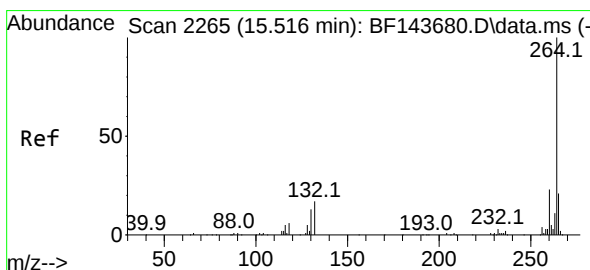
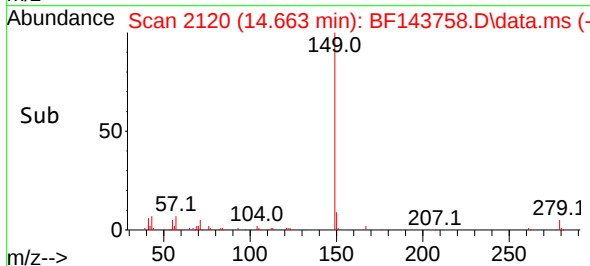
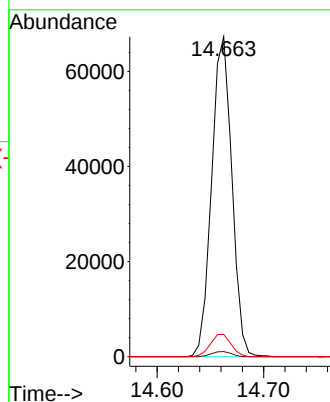
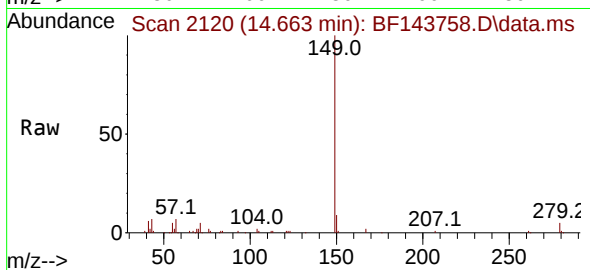
Tgt Ion:149 Resp: 88590

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.2 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: BF143758.D

Acq: 15 Sep 2025 18:28

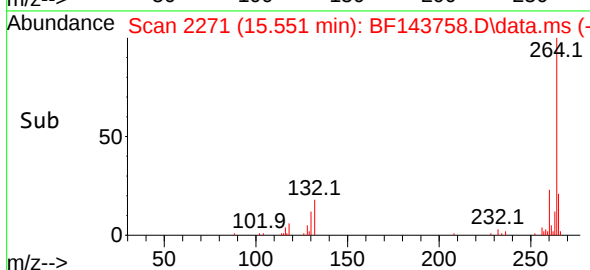
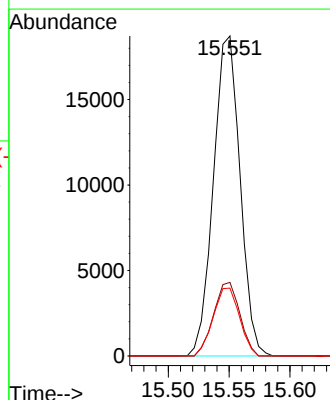
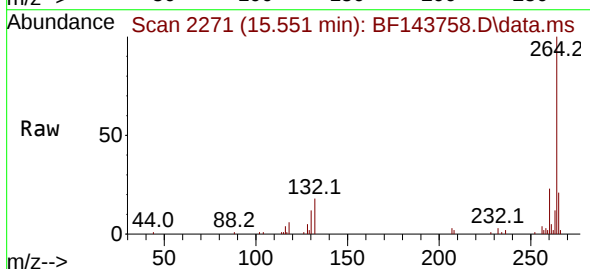
Tgt Ion:264 Resp: 28488

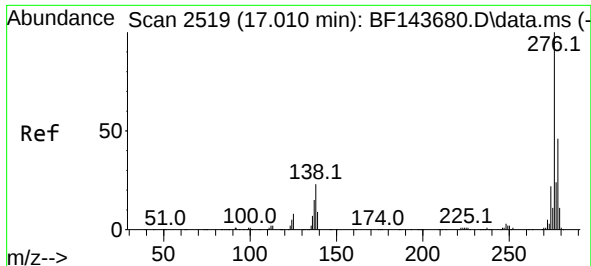
Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.849 ng

RT: 17.057 min Scan# 2197

Delta R.T. 0.047 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

Instrument :

BNA_F

ClientSampleId :

WC-29MSD

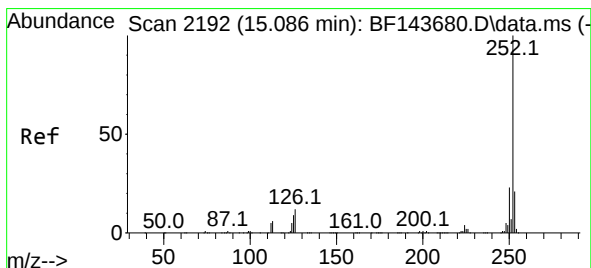
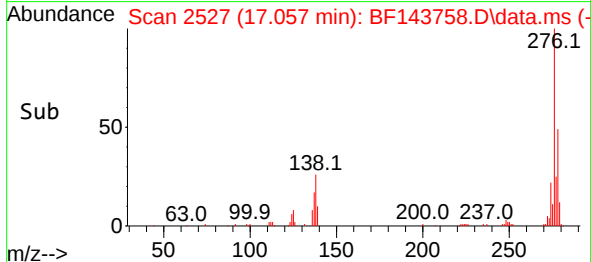
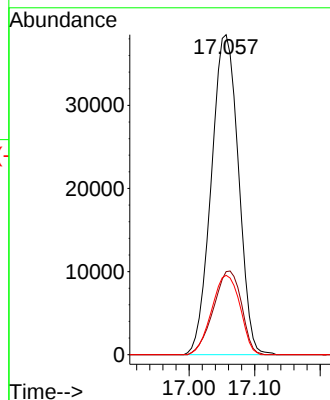
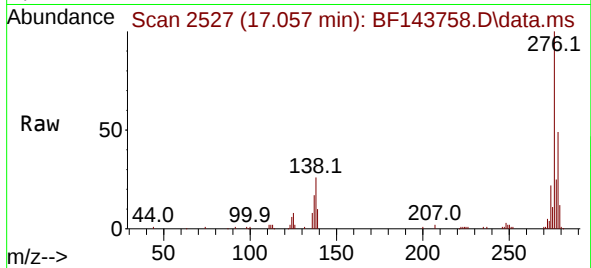
Tgt Ion:276 Resp: 110528

Ion Ratio Lower Upper

276 100

138 27.1 19.7 29.5

277 26.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.002 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.029 min

Lab File: BF143758.D

Acq: 15 Sep 2025 18:28

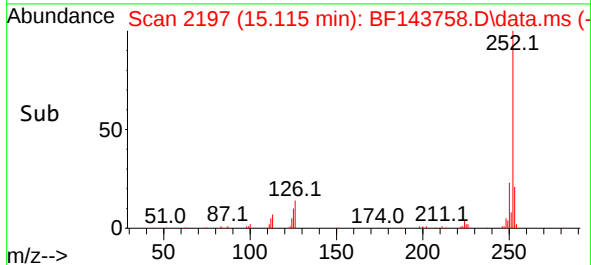
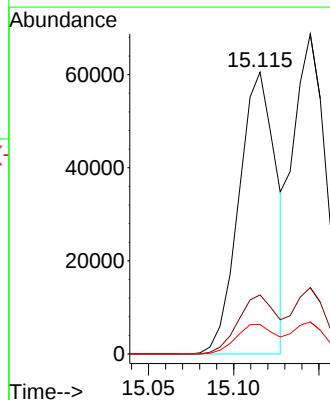
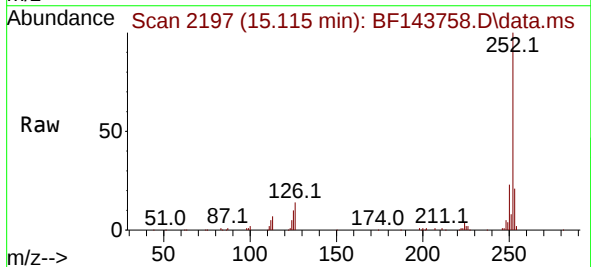
Tgt Ion:252 Resp: 91578

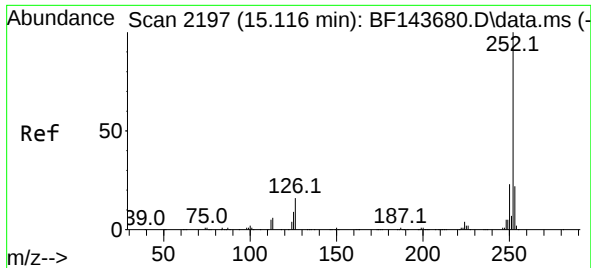
Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.4

125 10.5 7.4 11.0

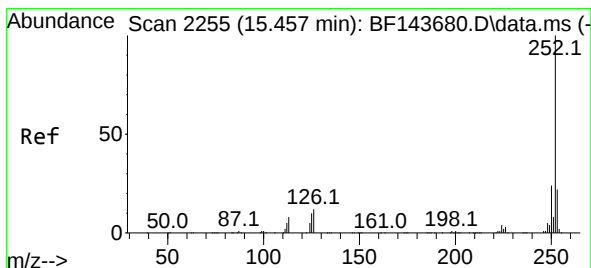
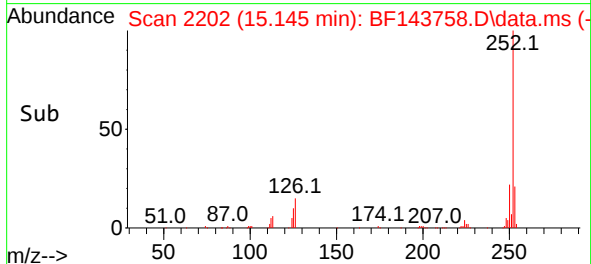
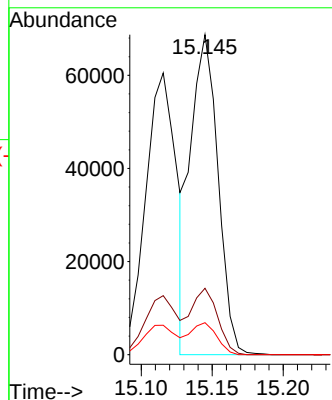
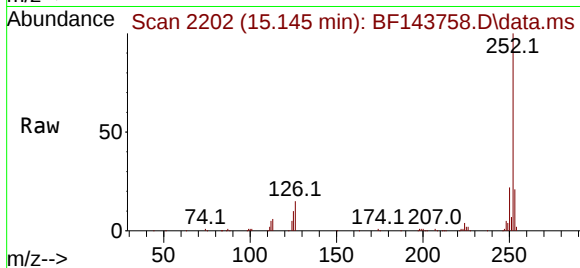




#89
Benzo(k)fluoranthene
Concen: 59.845 ng
RT: 15.145 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

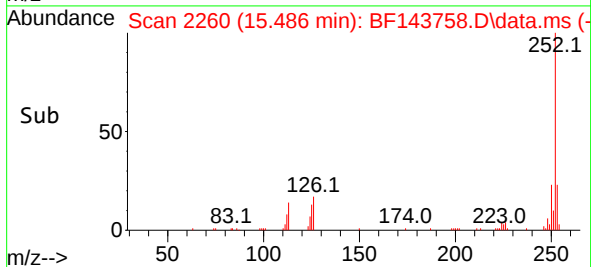
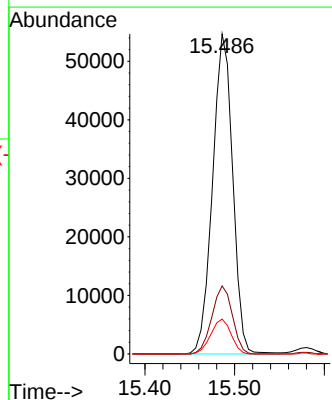
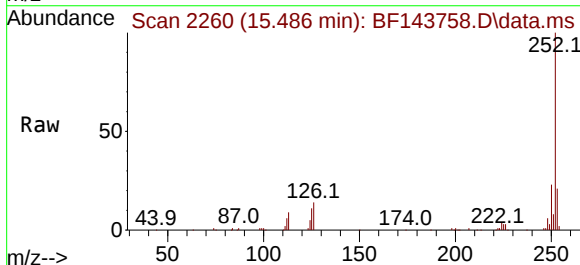
Instrument :
BNA_F
ClientSampleId :
WC-29MSD

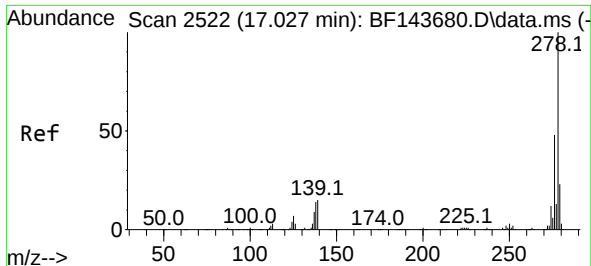
Tgt Ion:252 Resp: 91593
Ion Ratio Lower Upper
252 100
253 20.8 17.3 25.9
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 57.044 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.029 min
Lab File: BF143758.D
Acq: 15 Sep 2025 18:28

Tgt Ion:252 Resp: 84987
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 10.9 8.2 12.4

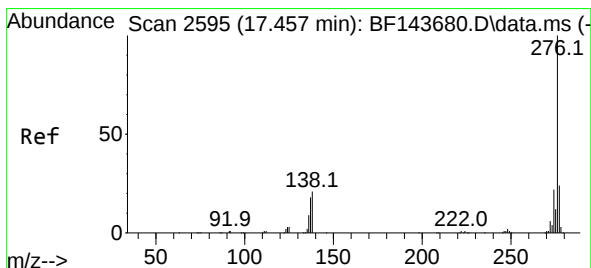
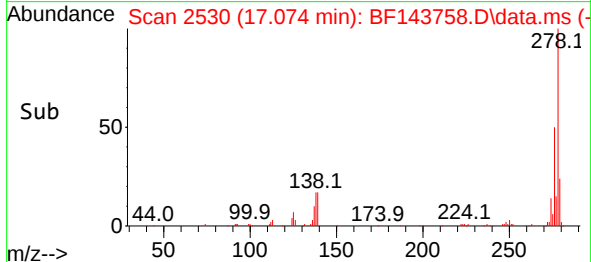
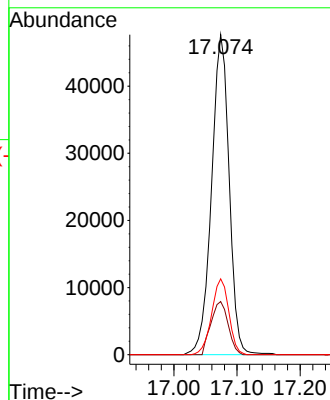
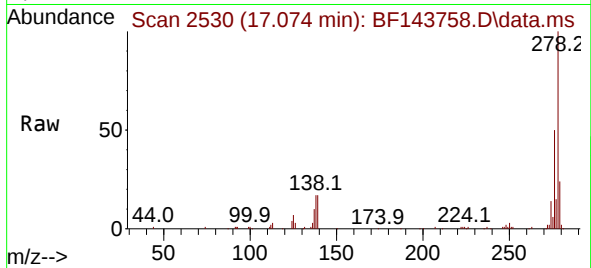




#91
 Dibenzo(a,h)anthracene
 Concen: 57.276 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-29MSD

Tgt Ion:278 Resp: 92391
 Ion Ratio Lower Upper
 278 100
 139 16.6 12.2 18.4
 279 23.7 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 59.808 ng
 RT: 17.509 min Scan# 2604
 Delta R.T. 0.053 min
 Lab File: BF143758.D
 Acq: 15 Sep 2025 18:28

Tgt Ion:276 Resp: 90239
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.2 28.8
 138 22.7 17.0 25.4

