

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143753.D
 Acq On : 15 Sep 2025 15:51
 Operator : RC/JU
 Sample : PB169696BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

Quant Time: Sep 15 17:56:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	17926	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	66855	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	38017	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	62424	20.000	ng	0.02
76) Chrysene-d12	14.074	240	35927	20.000	ng	0.03
86) Perylene-d12	15.551	264	31814	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	79091	75.276	ng	0.02
7) Phenol-d6	6.516	99	92874	72.597	ng	0.01
23) Nitrobenzene-d5	7.451	82	52714	49.044	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	29971	78.228	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	122056	48.499	ng	0.00
79) Terphenyl-d14	13.010	244	123883	55.879	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	22418	47.833	ng	95
3) Pyridine	3.534	79	57734	47.687	ng	93
4) n-Nitrosodimethylamine	3.493	42	24200	52.621	ng	100
6) Aniline	6.557	93	55929	33.008	ng	97
8) 2-Chlorophenol	6.675	128	58202	51.290	ng	95
9) Benzaldehyde	6.445	77	35860	34.742	ng	97
10) Phenol	6.528	94	74986	53.026	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	52082	49.312	ng	96
12) 1,3-Dichlorobenzene	6.834	146	65749	50.662	ng	99
13) 1,4-Dichlorobenzene	6.910	146	65675	50.137	ng	100
14) 1,2-Dichlorobenzene	7.063	146	63400	51.253	ng	100
15) Benzyl Alcohol	7.034	79	47900	51.473	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	57903	41.905	ng	94
17) 2-Methylphenol	7.139	107	47716	52.272	ng	96
18) Hexachloroethane	7.410	117	21026	49.690	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	39064	49.719	ng	99
20) 3+4-Methylphenols	7.292	107	61495	51.158	ng	90
22) Acetophenone	7.304	105	89195	59.072	ng	98
24) Nitrobenzene	7.475	77	55148	49.483	ng	97
25) Isophorone	7.716	82	105483	51.180	ng	97
26) 2-Nitrophenol	7.792	139	30326	55.344	ng	96
27) 2,4-Dimethylphenol	7.822	122	54010	54.905	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	65487	51.703	ng	99
29) 2,4-Dichlorophenol	8.028	162	50776	51.313	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	53742	52.423	ng	98
31) Naphthalene	8.198	128	167260	50.539	ng	100
32) Benzoic acid	7.922	122	23570	39.274	ng	94
33) 4-Chloroaniline	8.239	127	20998	18.225	ng	98
34) Hexachlorobutadiene	8.316	225	32369	48.409	ng	99
35) Caprolactam	8.616	113	7742	29.396	ng	90
36) 4-Chloro-3-methylphenol	8.722	107	48825	50.042	ng	95
37) 2-Methylnaphthalene	8.892	142	102697	45.331	ng	98
38) 1-Methylnaphthalene	8.992	142	105192	48.383	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	60501	55.589	ng	98
41) Hexachlorocyclopentadiene	9.045	237	78151	139.865	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	39055	53.739	ng	99

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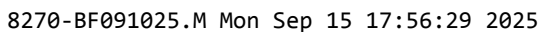
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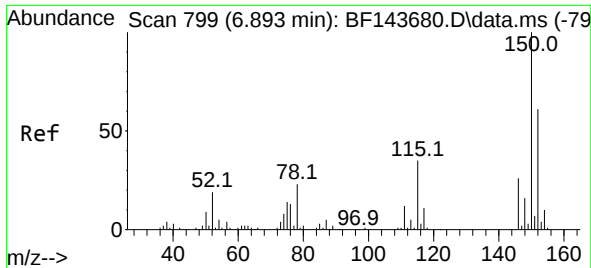
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	37330	50.527	ng	98
46) 1,1'-Biphenyl	9.357	154	155376	56.770	ng	99
47) 2-Chloronaphthalene	9.380	162	106583	49.674	ng	99
48) 2-Nitroaniline	9.475	65	28598	50.365	ng	97
49) Acenaphthylene	9.798	152	177734	57.828	ng	99
50) Dimethylphthalate	9.657	163	125247	50.635	ng	100
51) 2,6-Dinitrotoluene	9.716	165	26646	56.343	ng	98
52) Acenaphthene	9.969	154	112854	53.285	ng	99
53) 3-Nitroaniline	9.886	138	14972	29.418	ng	99
54) 2,4-Dinitrophenol	9.992	184	23496	91.487	ng	# 40
55) Dibenzofuran	10.145	168	154314	50.670	ng	97
56) 4-Nitrophenol	10.045	139	44493	109.885	ng	94
57) 2,4-Dinitrotoluene	10.122	165	36734	57.071	ng	97
58) Fluorene	10.486	166	123565	51.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	32135	53.641	ng	99
60) Diethylphthalate	10.357	149	119796	51.587	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	61505	50.871	ng	96
62) 4-Nitroaniline	10.504	138	26681	55.351	ng	97
63) Azobenzene	10.639	77	104478	50.891	ng	97
65) 4,6-Dinitro-2-methylph...	10.527	198	17458	54.930	ng	97
66) n-Nitrosodiphenylamine	10.598	169	105784	51.728	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	36701	48.754	ng	95
68) Hexachlorobenzene	11.033	284	40528	50.988	ng	96
69) Atrazine	11.127	200	33129	51.667	ng	99
70) Pentachlorophenol	11.227	266	47176	98.182	ng	99
71) Phenanthrene	11.451	178	173331	50.395	ng	100
72) Anthracene	11.504	178	179514	51.906	ng	100
73) Carbazole	11.657	167	148639	52.479	ng	100
74) Di-n-butylphthalate	11.986	149	183723	53.879	ng	100
75) Fluoranthene	12.639	202	163212	51.691	ng	98
77) Benzidine	12.763	184	48162	41.109	ng	98
78) Pyrene	12.874	202	164331	57.208	ng	99
80) Butylbenzylphthalate	13.486	149	56066	62.295	ng	97
81) Benzo(a)anthracene	14.062	228	123501	53.433	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	13685	19.246	ng	94
83) Chrysene	14.098	228	107333	50.703	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	69704	54.280	ng	99
85) Di-n-octyl phthalate	14.662	149	102838	44.689	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	110797	51.029	ng	98
88) Benzo(b)fluoranthene	15.115	252	97286	51.370	ng	97
89) Benzo(k)fluoranthene	15.151	252	90715	53.075	ng	98
90) Benzo(a)pyrene	15.492	252	87317	52.481	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	92163	51.162	ng	99
92) Benzo(g,h,i)perylene	17.515	276	88561	52.559	ng	98

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

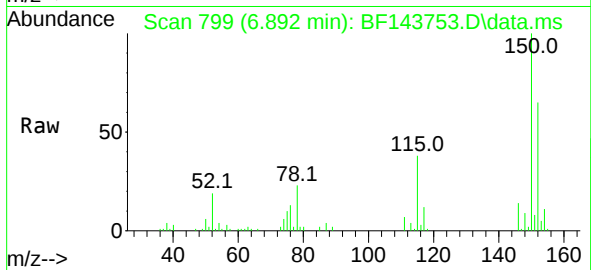
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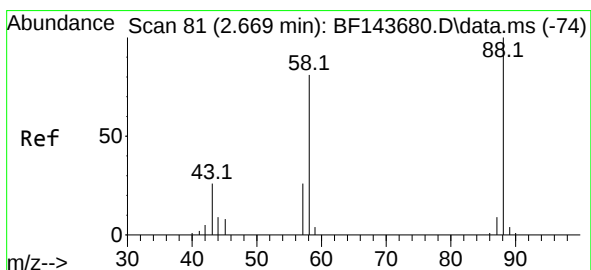
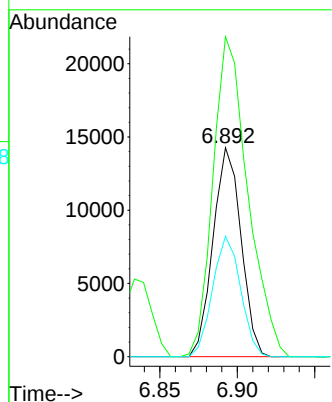
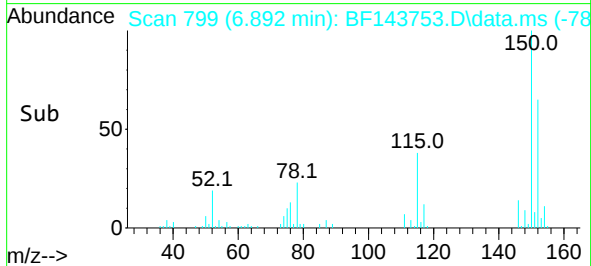


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143753.D
 Acq: 15 Sep 2025 15:51

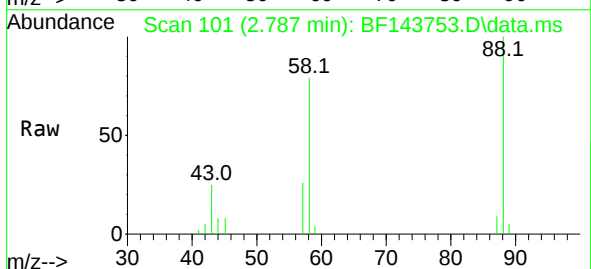
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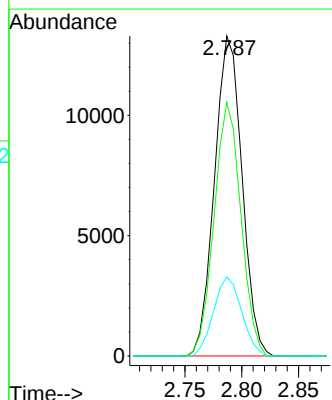
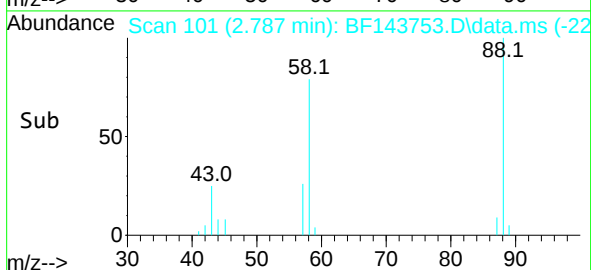
Tgt Ion:152 Resp: 17926
 Ion Ratio Lower Upper
 152 100
 150 153.1 130.7 196.1
 115 57.6 45.9 68.9

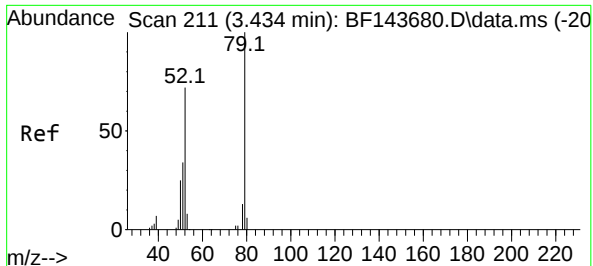


#2
 1,4-Dioxane
 Concen: 47.833 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.117 min
 Lab File: BF143753.D
 Acq: 15 Sep 2025 15:51



Tgt Ion: 88 Resp: 22418
 Ion Ratio Lower Upper
 88 100
 58 77.1 65.8 98.6
 43 25.2 20.6 31.0

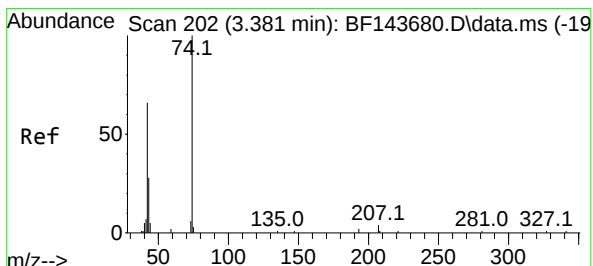
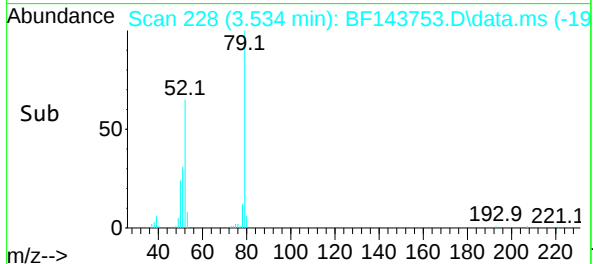
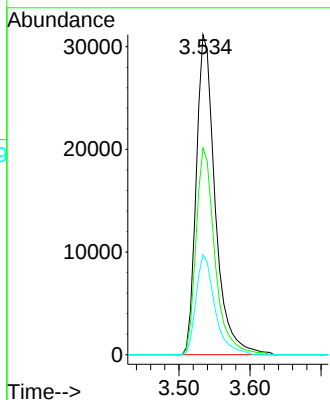
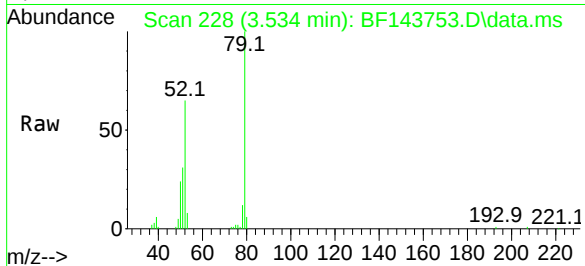




#3
Pyridine
Concen: 47.687 ng
RT: 3.534 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

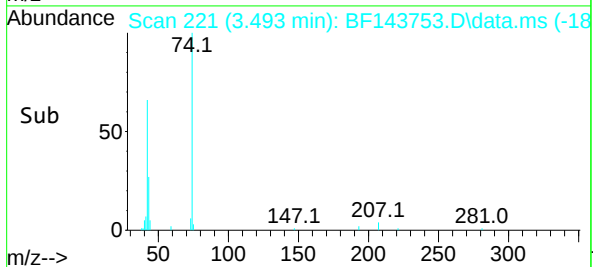
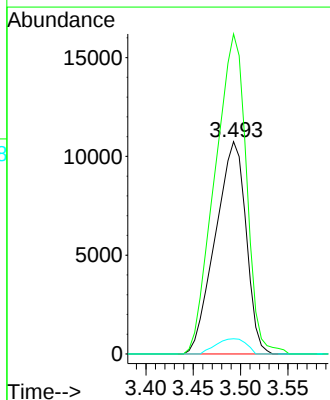
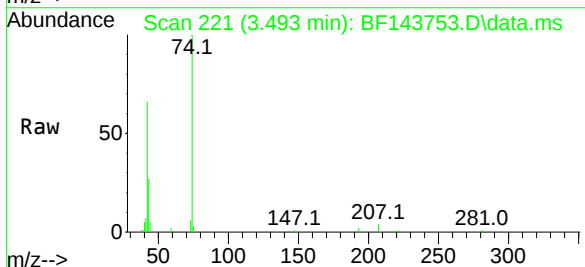
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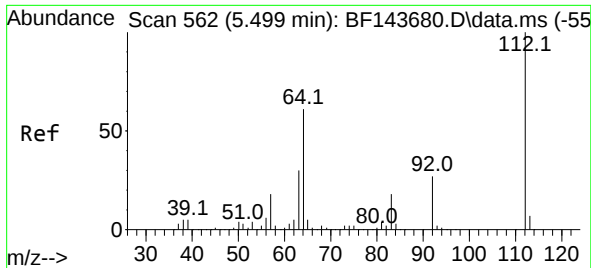
Tgt Ion: 79 Resp: 57734
Ion Ratio Lower Upper
79 100
52 64.6 57.2 85.8
51 31.2 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 52.621 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.111 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion: 42 Resp: 24200
Ion Ratio Lower Upper
42 100
74 150.7 120.9 181.3
44 7.1 6.5 9.7

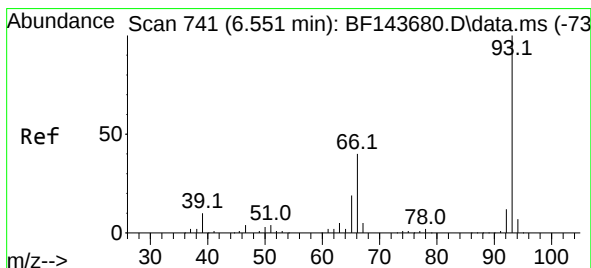
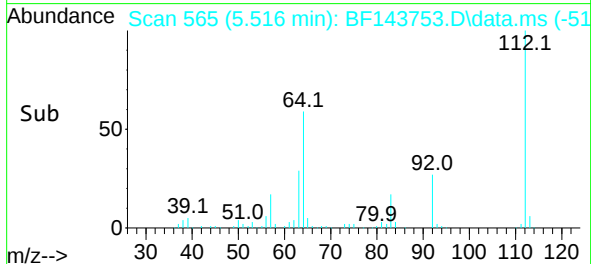
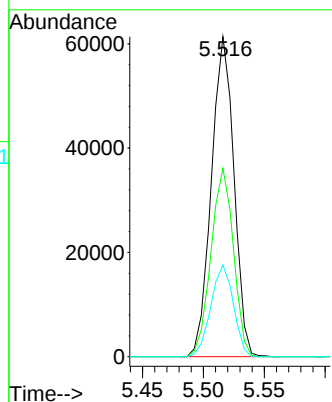
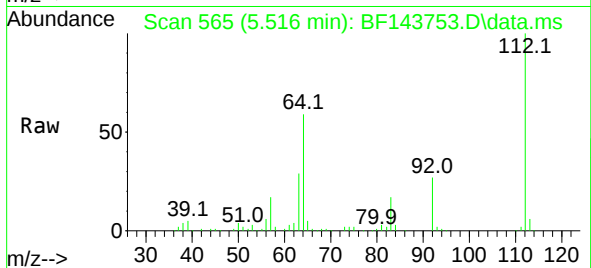




#5
2-Fluorophenol
Concen: 75.276 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

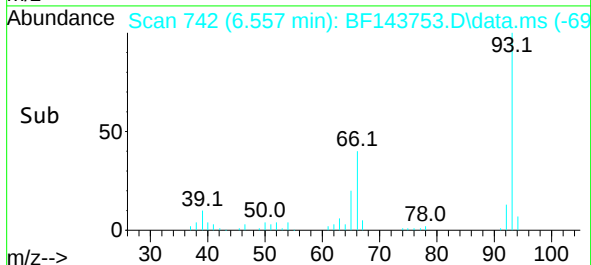
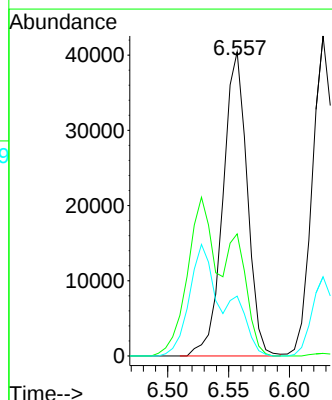
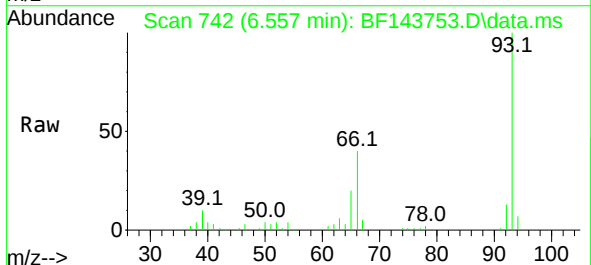
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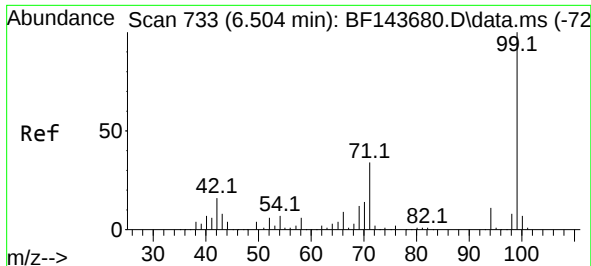
Tgt Ion:112 Resp: 79091
Ion Ratio Lower Upper
112 100
64 58.8 49.0 73.4
63 28.6 24.3 36.5



#6
Aniline
Concen: 33.008 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion: 93 Resp: 55929
Ion Ratio Lower Upper
93 100
66 40.1 34.1 51.1
65 19.7 16.1 24.1





#7

Phenol-d6

Concen: 72.597 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

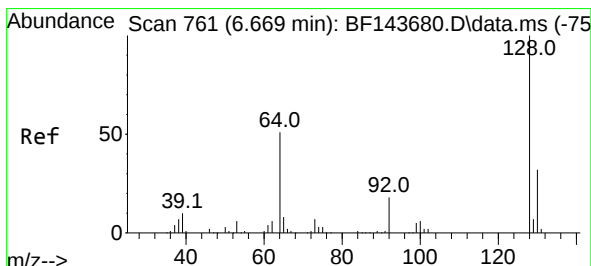
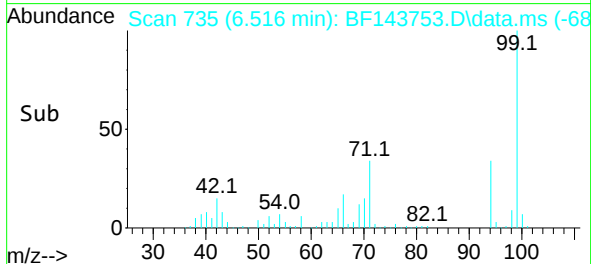
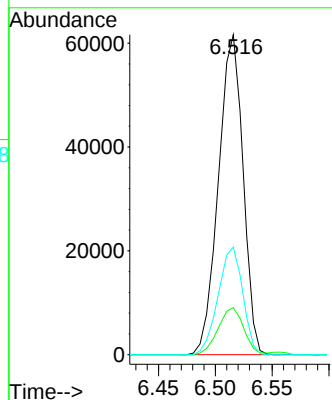
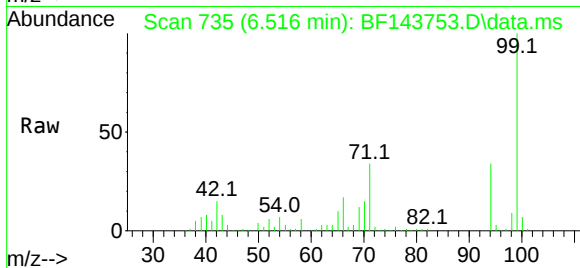
Tgt Ion: 99 Resp: 92874

Ion Ratio Lower Upper

99 100

42 14.7 13.0 19.4

71 33.6 27.4 41.2



#8

2-Chlorophenol

Concen: 51.290 ng

RT: 6.675 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

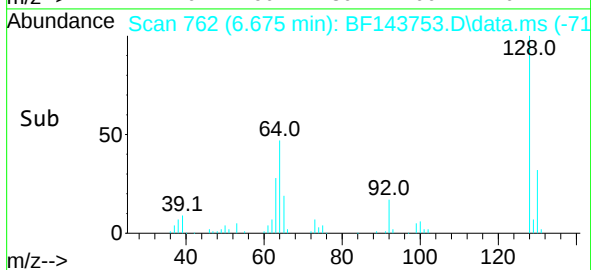
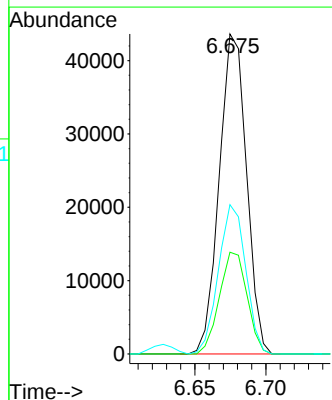
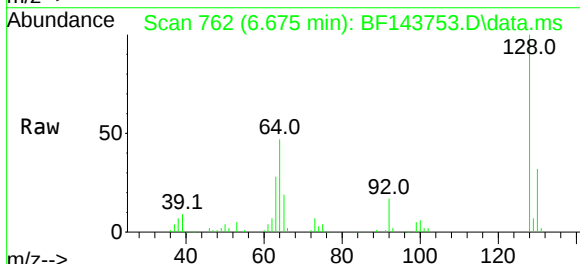
Tgt Ion:128 Resp: 58202

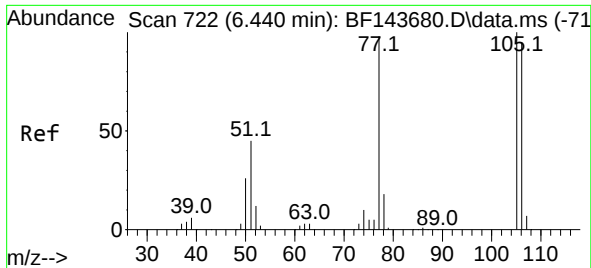
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 46.6 31.9 71.9

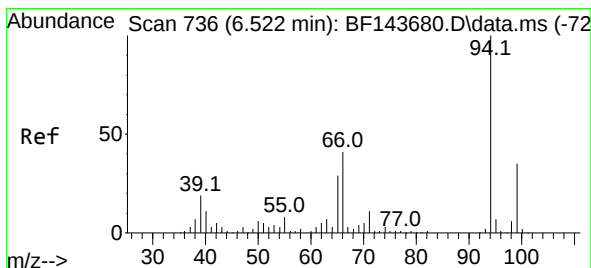
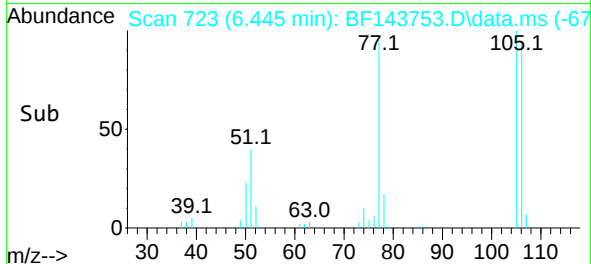
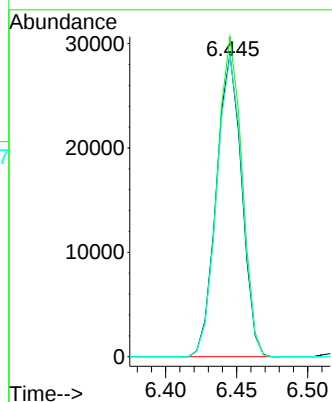
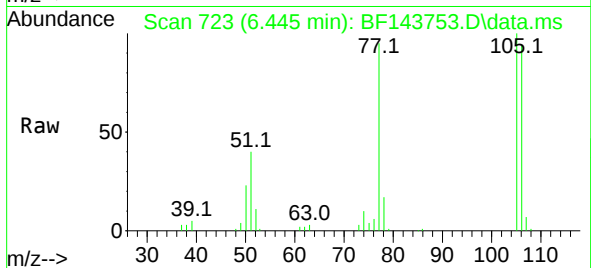




#9
Benzaldehyde
Concen: 34.742 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

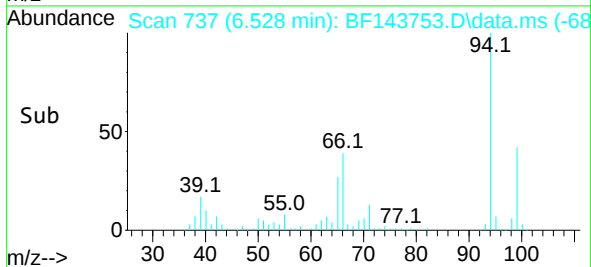
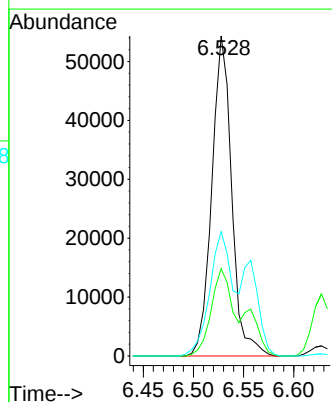
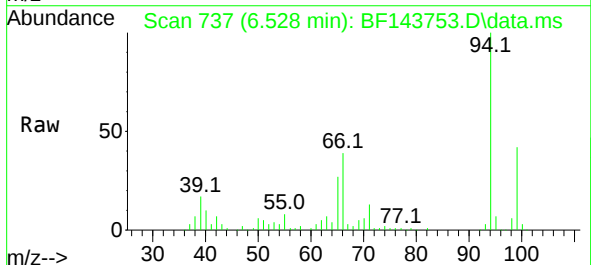
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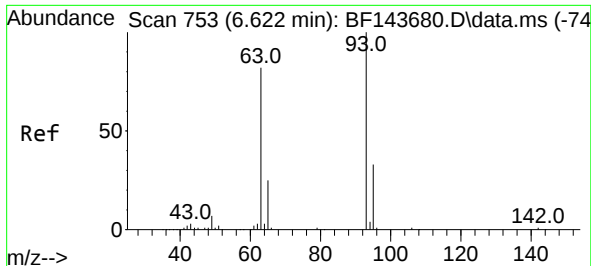
Tgt Ion: 77 Resp: 35860
Ion Ratio Lower Upper
77 100
105 105.7 81.7 121.7
106 99.5 76.9 116.9



#10
Phenol
Concen: 53.026 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion: 94 Resp: 74986
Ion Ratio Lower Upper
94 100
65 27.3 9.1 49.1
66 38.8 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 49.312 ng

RT: 6.628 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

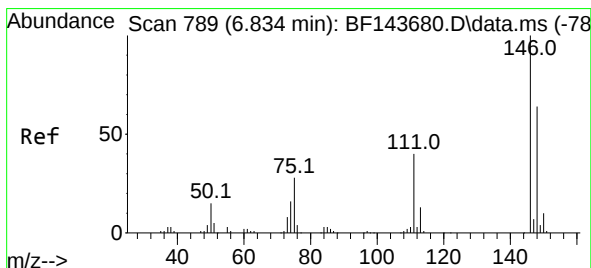
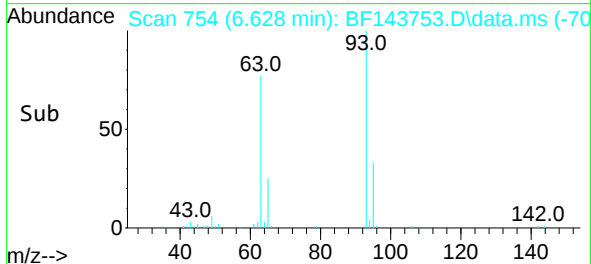
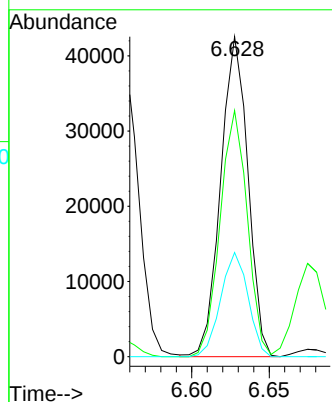
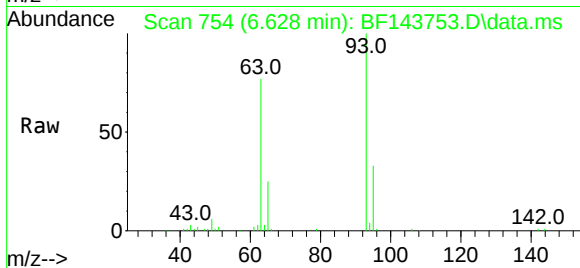
BNA_F

ClientSampleId :

PB169696BS

Tgt Ion: 93 Resp: 52082

Ion	Ratio	Lower	Upper
93	100		
63	76.9	61.8	101.8
95	32.5	12.6	52.6



#12

1,3-Dichlorobenzene

Concen: 50.662 ng

RT: 6.834 min Scan# 789

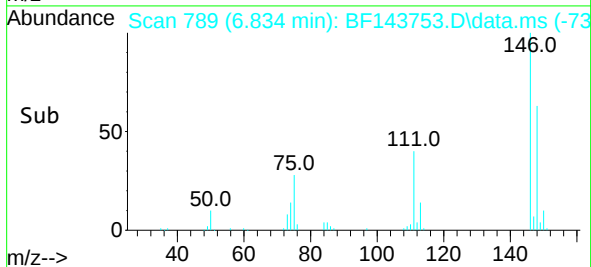
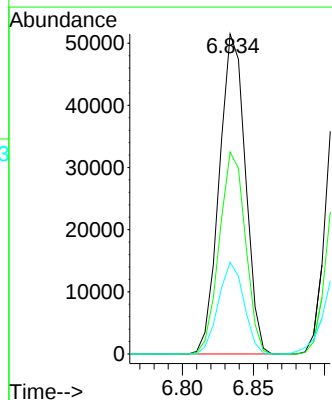
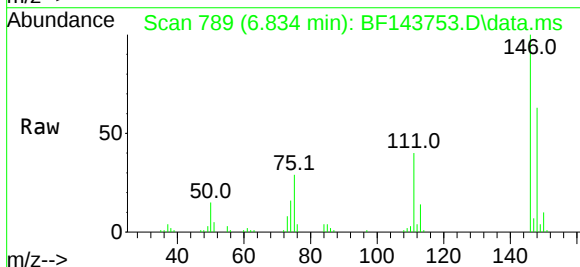
Delta R.T. -0.000 min

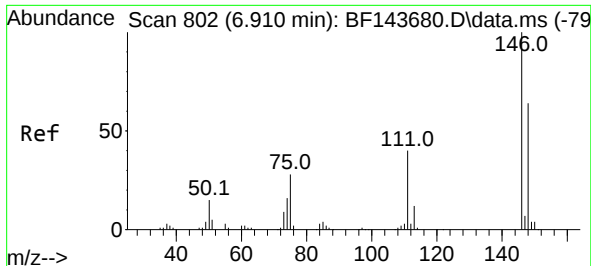
Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Tgt Ion: 146 Resp: 65749

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
75	28.7	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 50.137 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

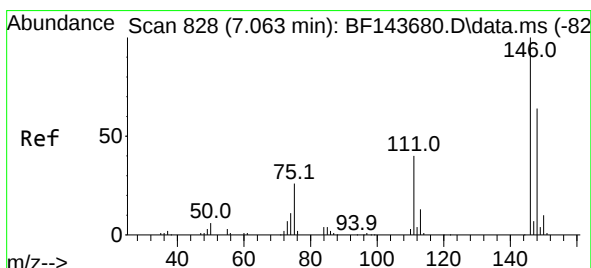
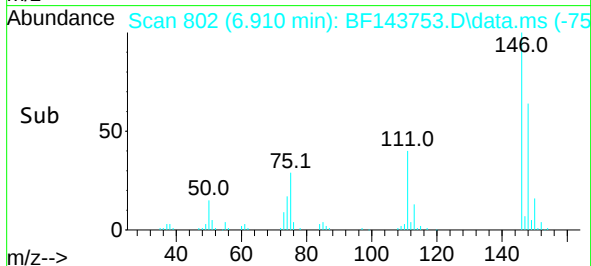
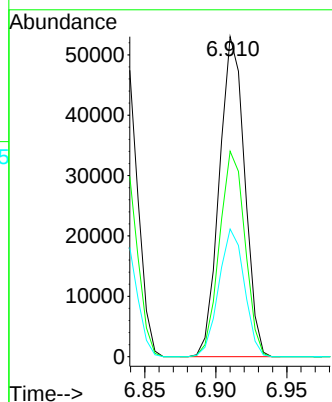
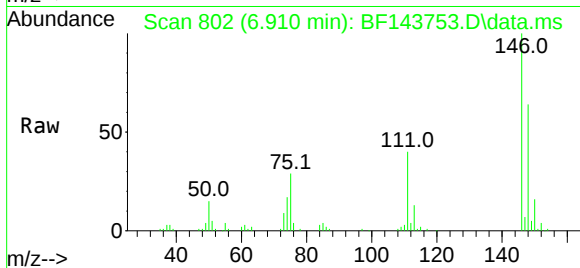
Tgt Ion:146 Resp: 65675

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 39.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 51.253 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

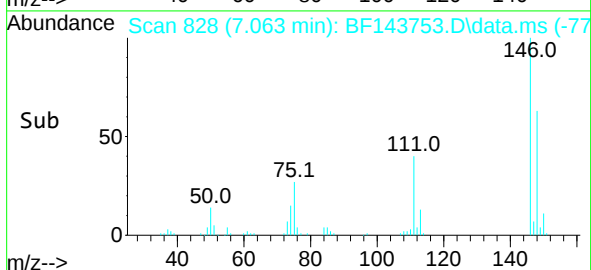
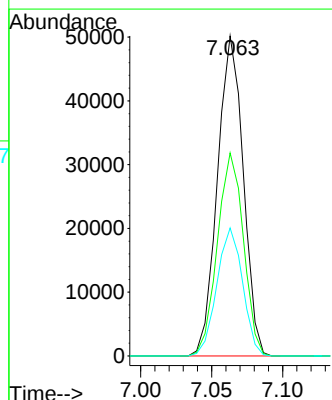
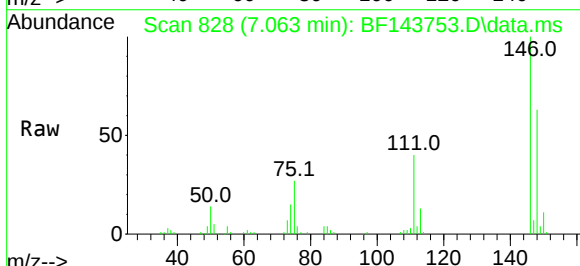
Tgt Ion:146 Resp: 63400

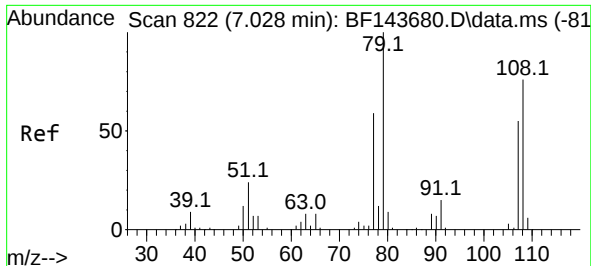
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

111 40.0 32.3 48.5

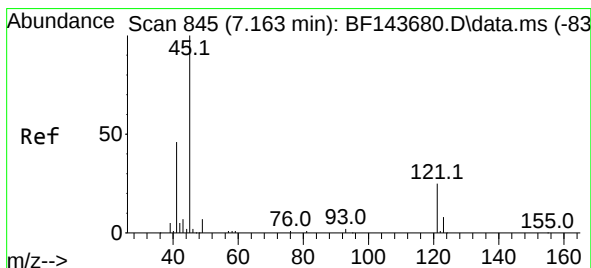
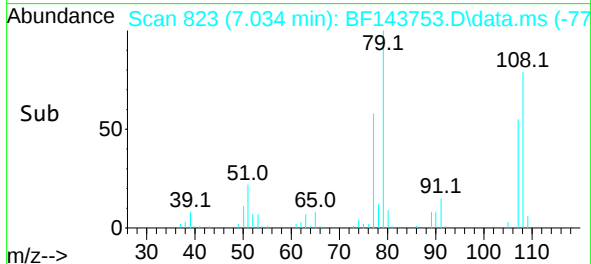
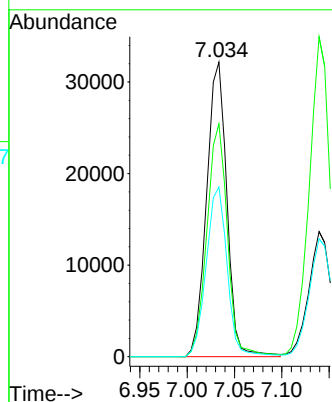
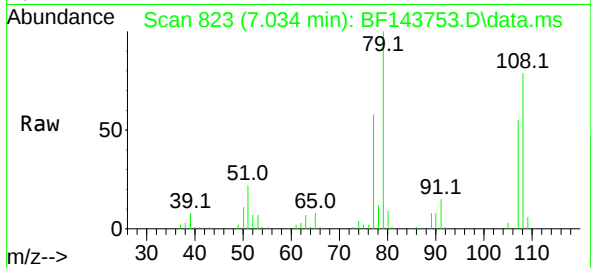




#15
Benzyl Alcohol
Concen: 51.473 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

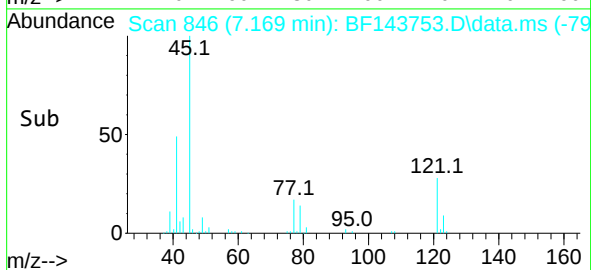
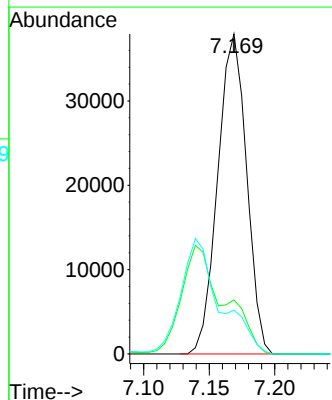
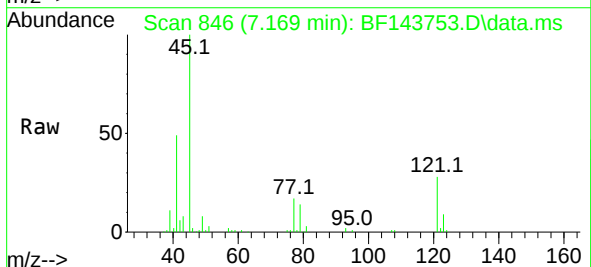
Instrument :
BNA_F
ClientSampleId :
PB169696BS

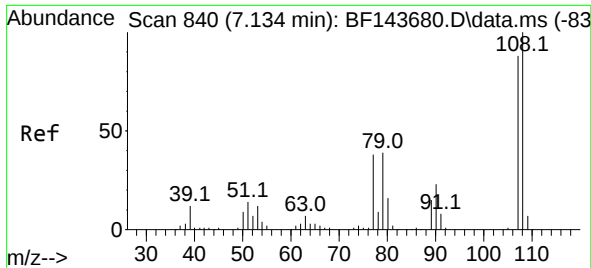
Tgt Ion: 79 Resp: 47900
Ion Ratio Lower Upper
79 100
108 79.0 60.9 91.3
77 57.6 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.905 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

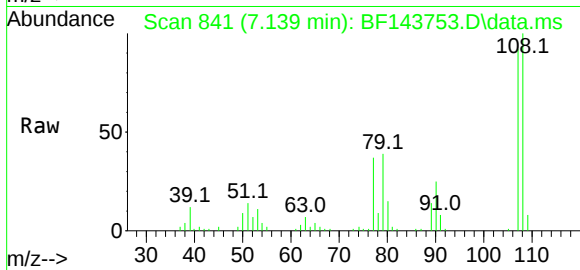
Tgt Ion: 45 Resp: 57903
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.6
79 13.7 0.0 31.3



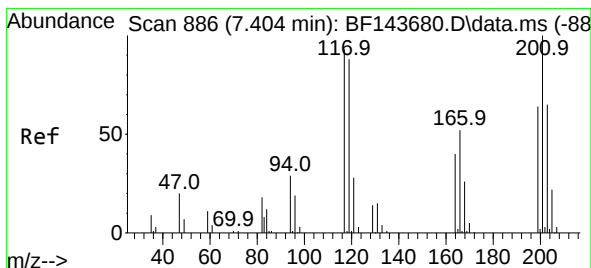
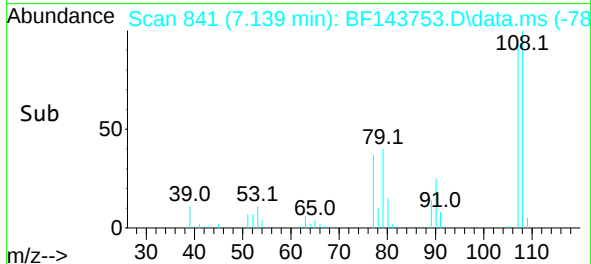
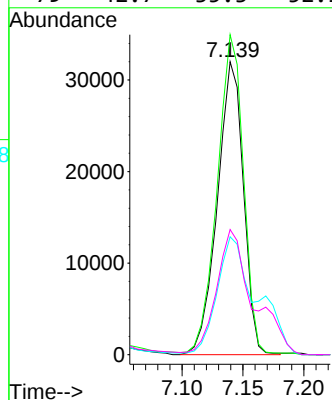


#17
2-Methylphenol
Concen: 52.272 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

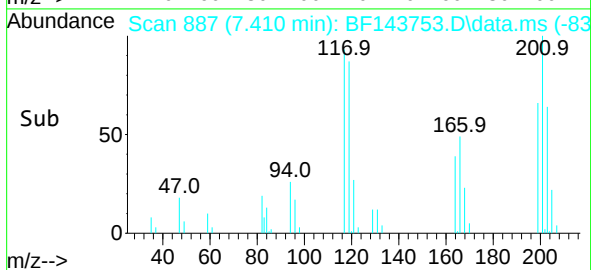
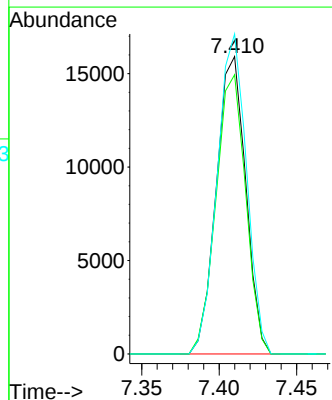
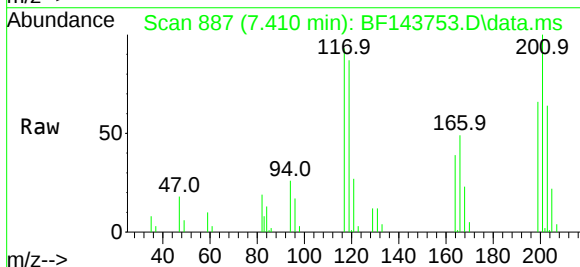


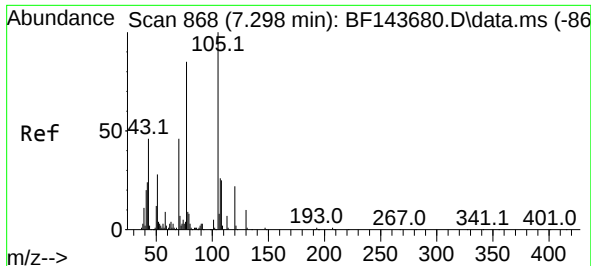
Tgt Ion:	107	Resp:	47716
Ion	Ratio	Lower	Upper
107	100		
108	109.2	90.9	136.3
77	40.3	34.4	51.6
79	42.7	35.3	52.9



#18
Hexachloroethane
Concen: 49.690 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:	117	Resp:	21026
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.2	114.2
201	107.6	86.4	129.6

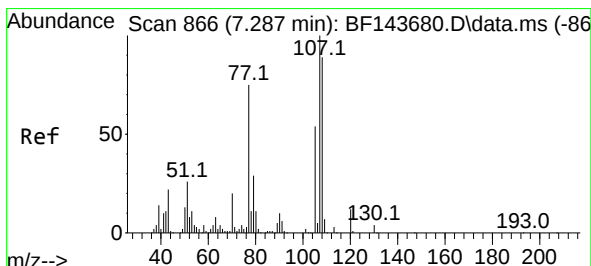
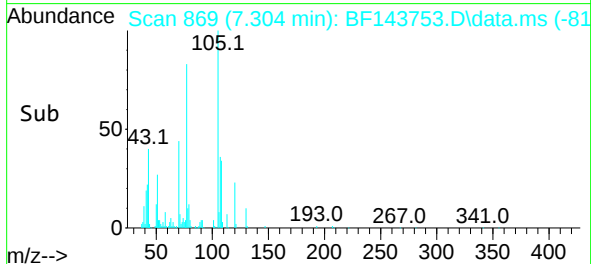
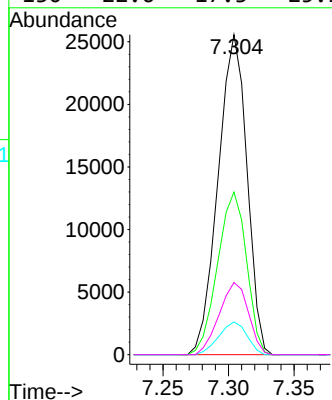
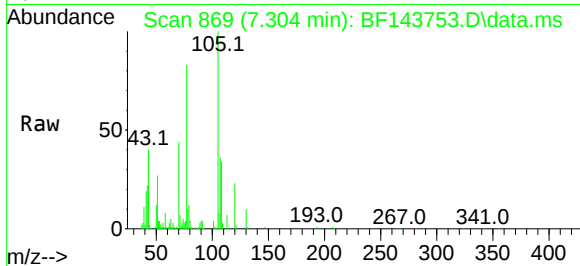




#19
n-Nitroso-di-n-propylamine
Concen: 49.719 ng
RT: 7.304 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

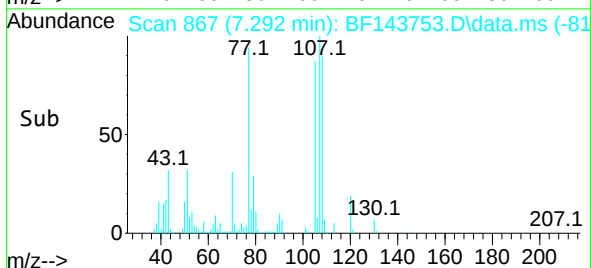
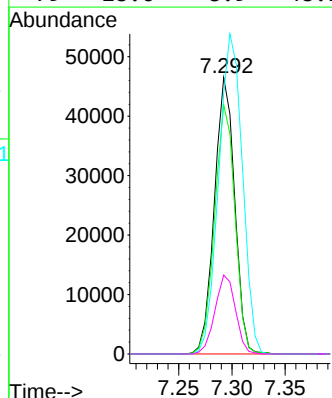
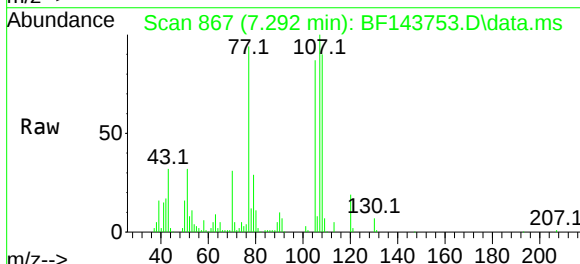
Instrument :
BNA_F
ClientSampleId :
PB169696BS

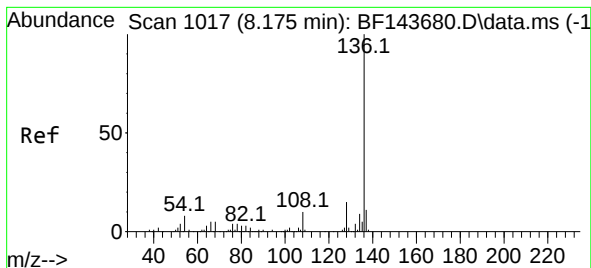
Tgt Ion:	70	Resp:	39064
Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.4	62.2
101	10.2	8.1	12.1
130	22.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 51.158 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:	107	Resp:	61495
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.6	108.6
77	94.5	54.6	94.6
79	28.6	8.9	48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

Tgt Ion:136 Resp: 66855

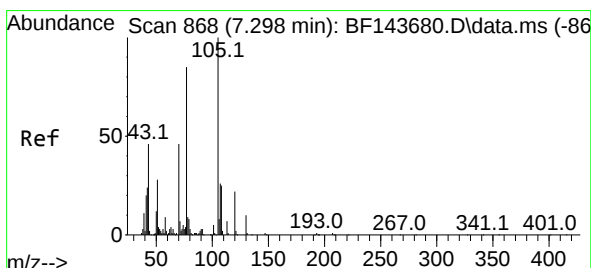
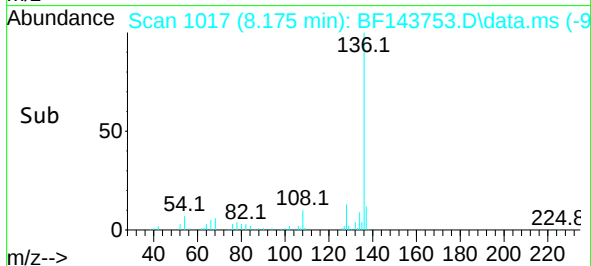
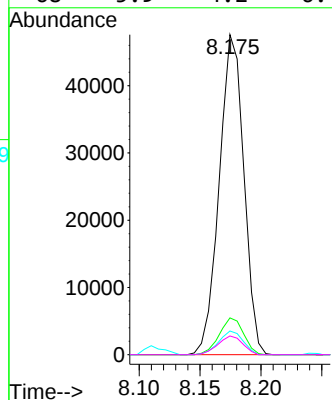
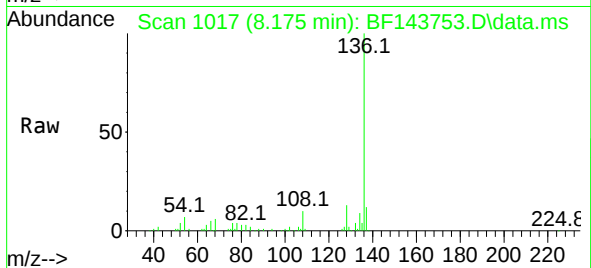
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.4 6.2 9.2

68 5.9 4.2 6.4



#22

Acetophenone

Concen: 59.072 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Tgt Ion:105 Resp: 89195

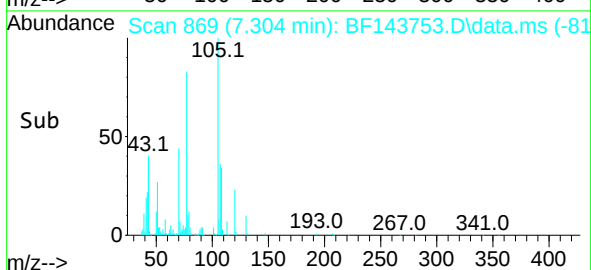
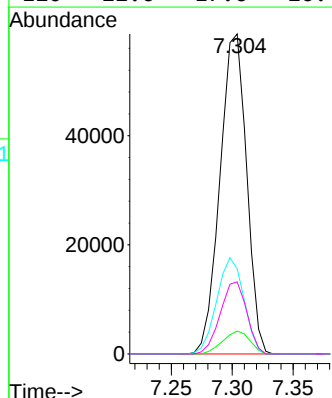
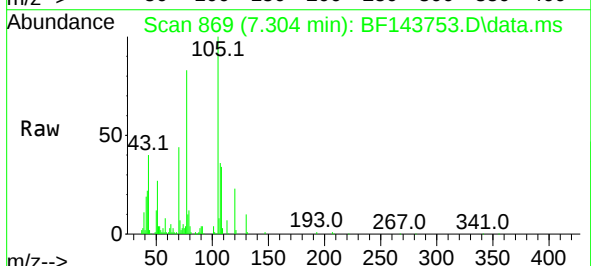
Ion Ratio Lower Upper

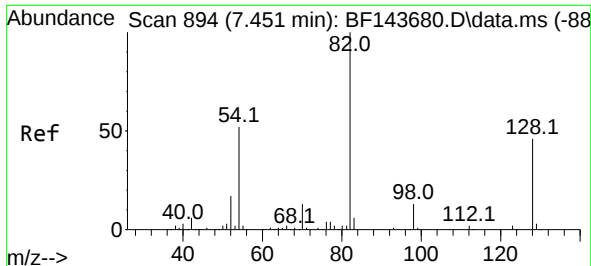
105 100

71 7.2 5.9 8.9

51 26.7 22.4 33.6

120 22.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 49.044 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

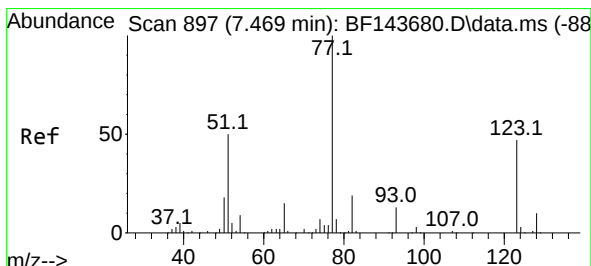
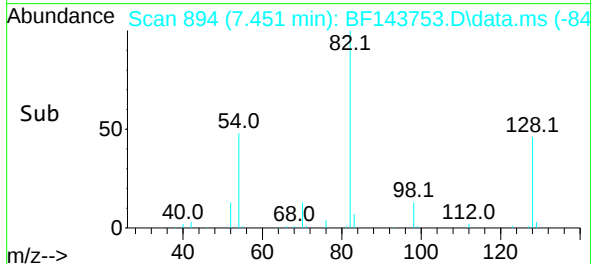
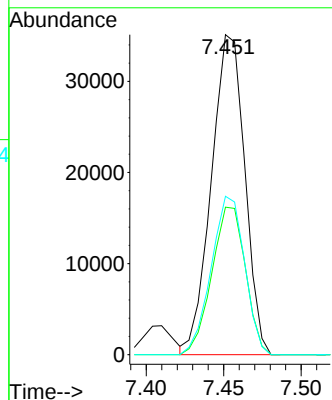
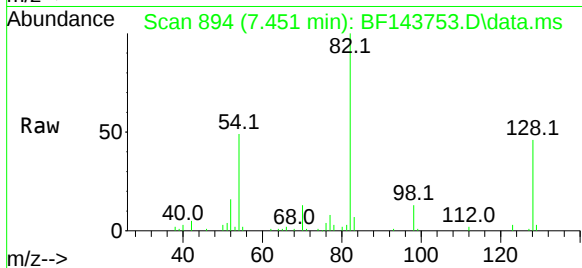
Tgt Ion: 82 Resp: 52714

Ion Ratio Lower Upper

82 100

128 46.1 37.0 55.4

54 49.5 41.8 62.8



#24

Nitrobenzene

Concen: 49.483 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

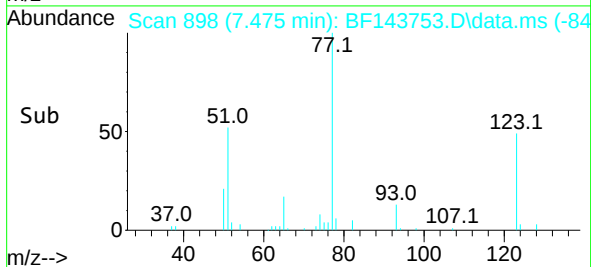
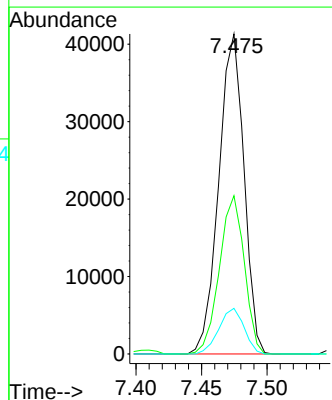
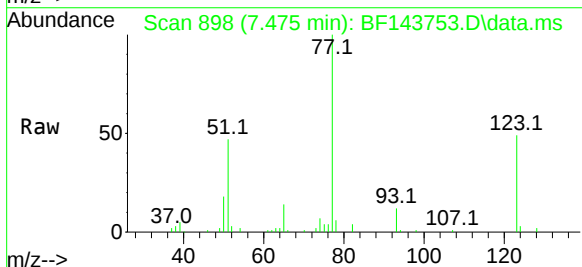
Tgt Ion: 77 Resp: 55148

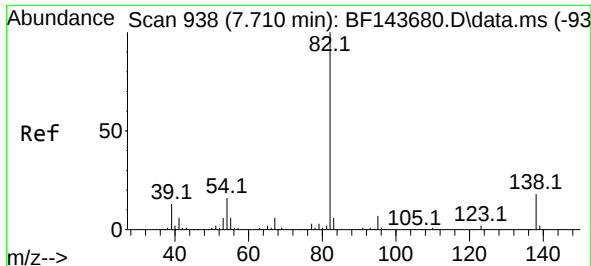
Ion Ratio Lower Upper

77 100

123 49.5 37.4 56.0

65 14.2 11.6 17.4

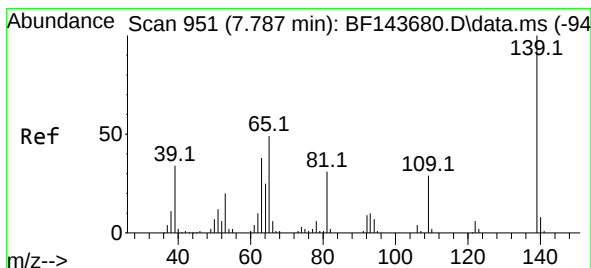
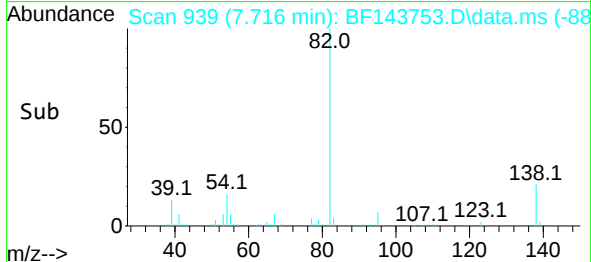
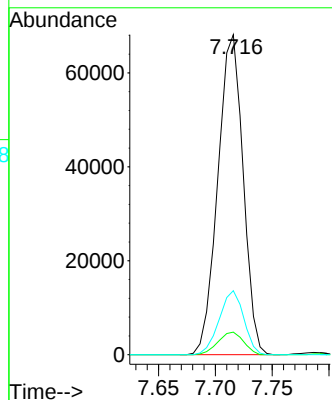
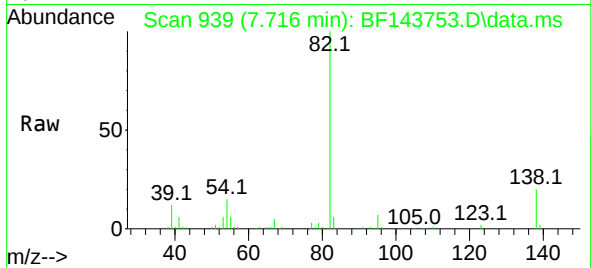




#25
Isophorone
Concen: 51.180 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

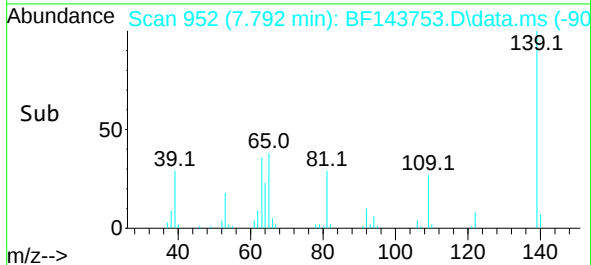
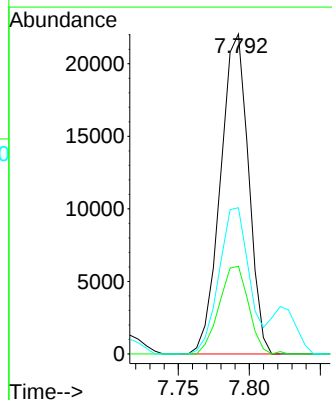
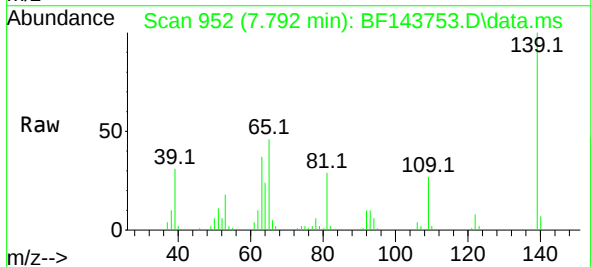
Instrument :
BNA_F
ClientSampleId :
PB169696BS

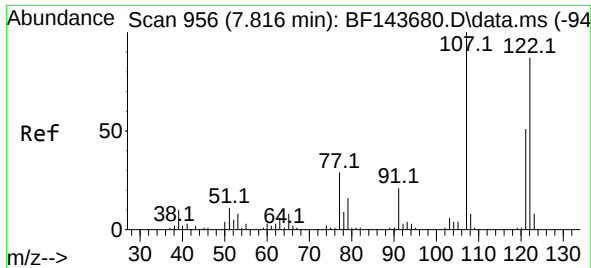
Tgt Ion: 82 Resp: 105483
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 20.0 14.8 22.2



#26
2-Nitrophenol
Concen: 55.344 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion: 139 Resp: 30326
Ion Ratio Lower Upper
139 100
109 27.4 22.8 34.2
65 45.7 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 54.905 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

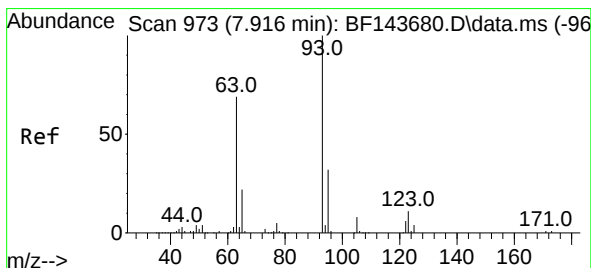
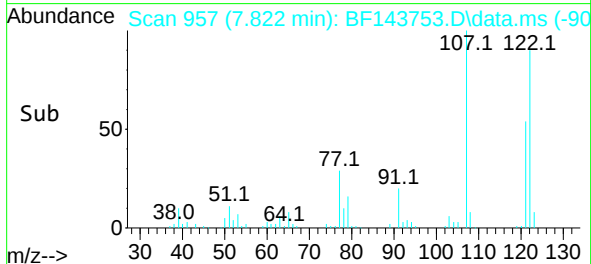
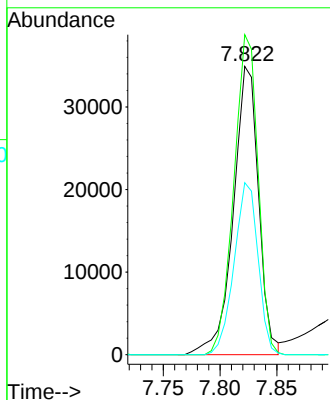
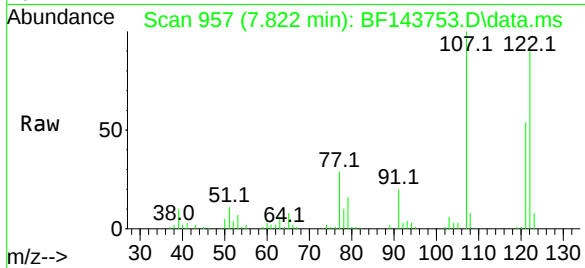
Tgt Ion:122 Resp: 54010

Ion Ratio Lower Upper

122 100

107 111.0 92.1 138.1

121 59.6 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 51.703 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

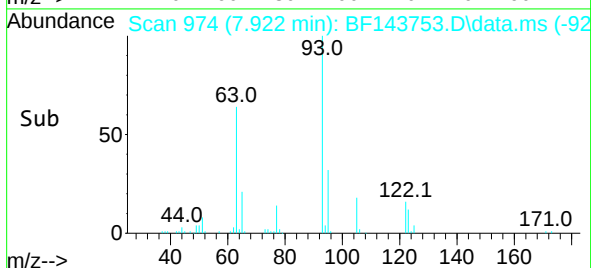
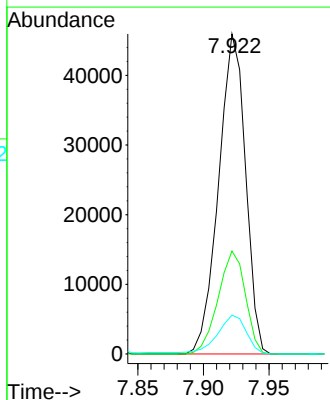
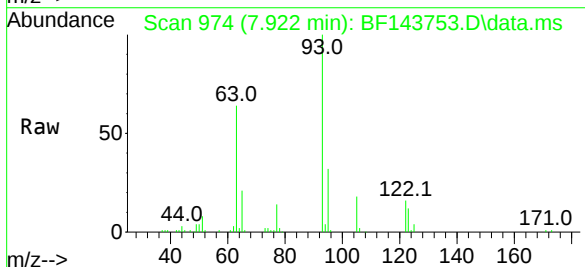
Tgt Ion: 93 Resp: 65487

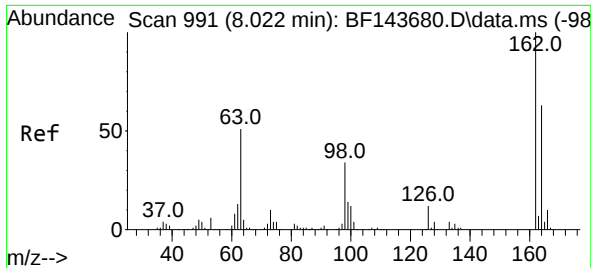
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 51.313 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143753.D

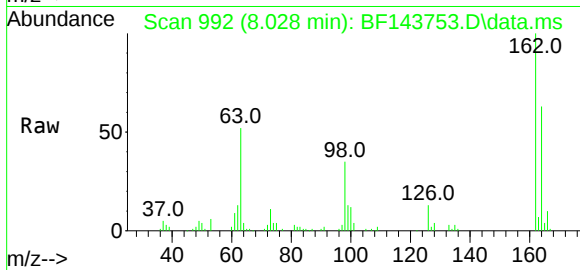
Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS



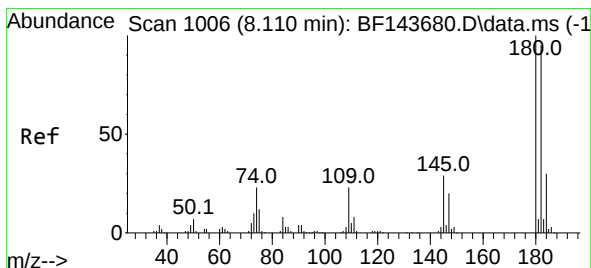
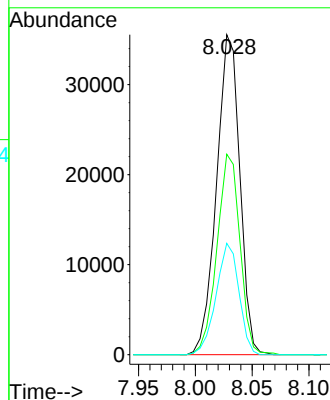
Tgt Ion:162 Resp: 50776

Ion Ratio Lower Upper

162 100

164 62.6 43.0 83.0

98 34.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

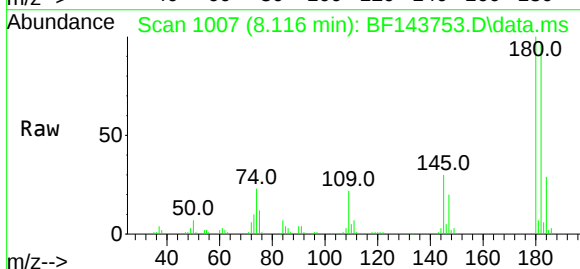
Concen: 52.423 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51



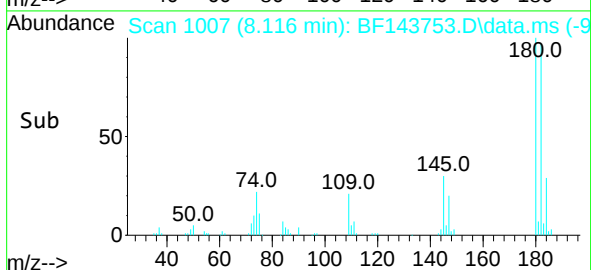
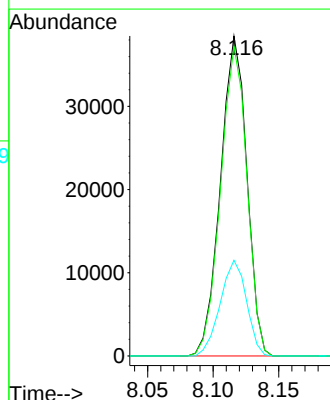
Tgt Ion:180 Resp: 53742

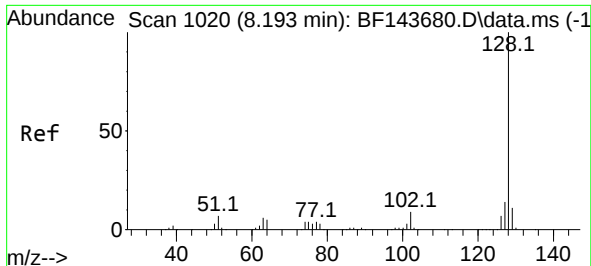
Ion Ratio Lower Upper

180 100

182 96.8 76.2 114.4

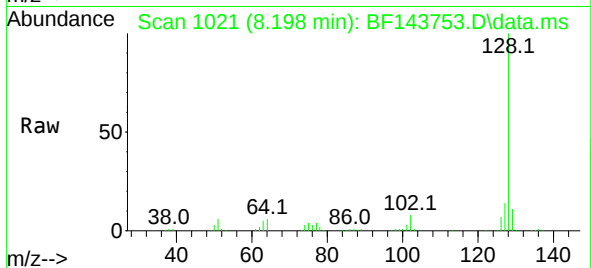
145 29.9 23.2 34.8



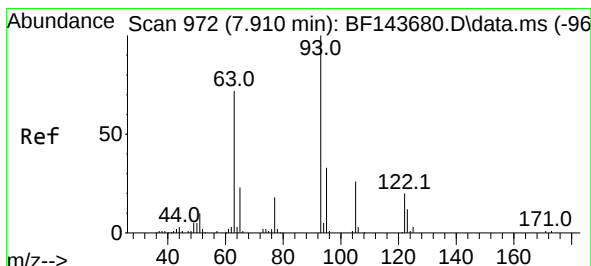
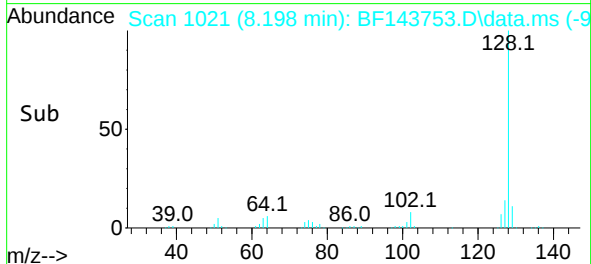
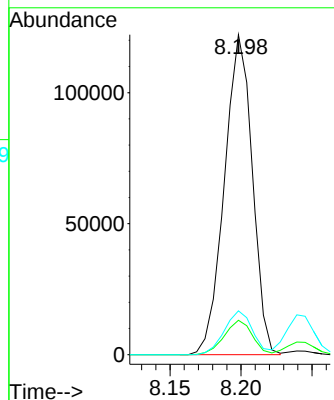


#31
Naphthalene
Concen: 50.539 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

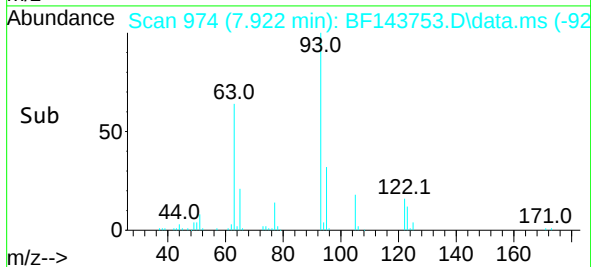
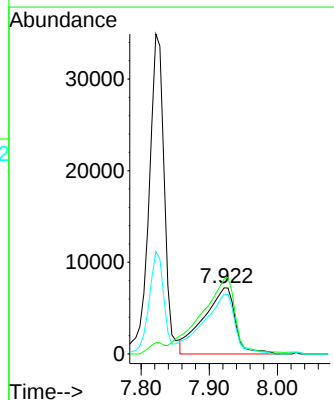
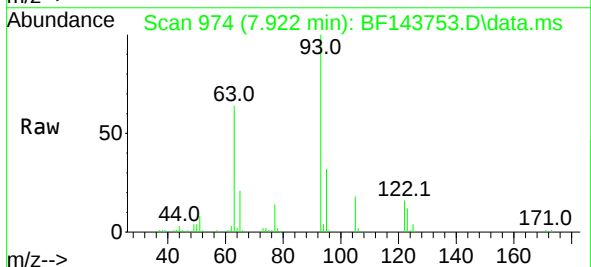


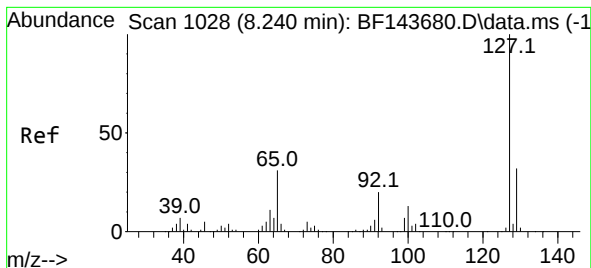
Tgt Ion:128 Resp: 167260
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 39.274 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:122 Resp: 23570
Ion Ratio Lower Upper
122 100
105 113.4 105.2 145.2
77 90.9 72.0 112.0





#33

4-Chloroaniline

Concen: 18.225 ng

RT: 8.239 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

Tgt Ion:127 Resp: 20998

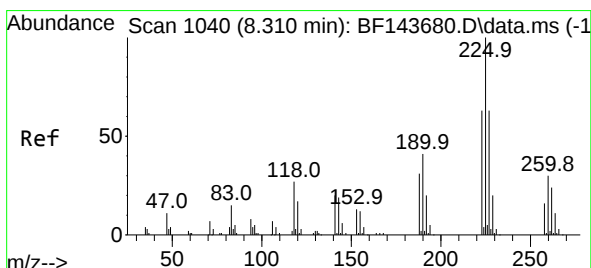
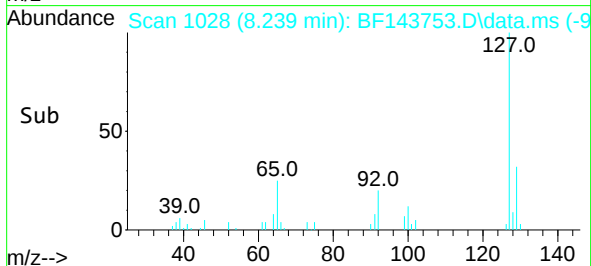
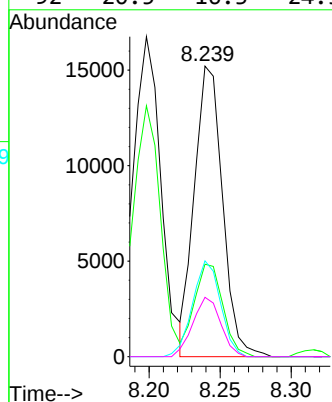
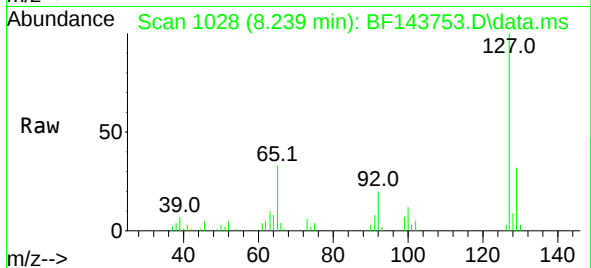
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 33.0 24.6 36.8

92 20.5 16.3 24.5



#34

Hexachlorobutadiene

Concen: 48.409 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

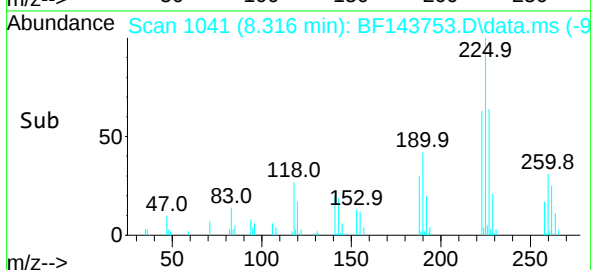
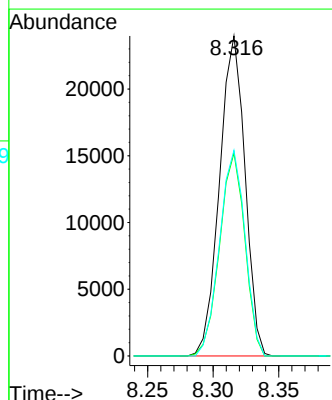
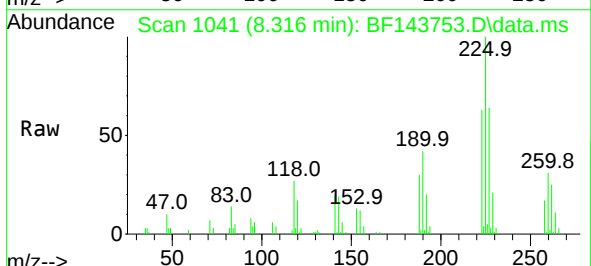
Tgt Ion:225 Resp: 32369

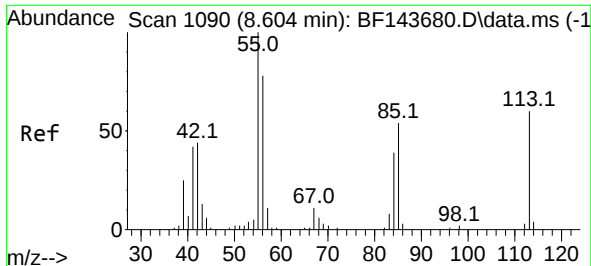
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 64.2 50.8 76.2

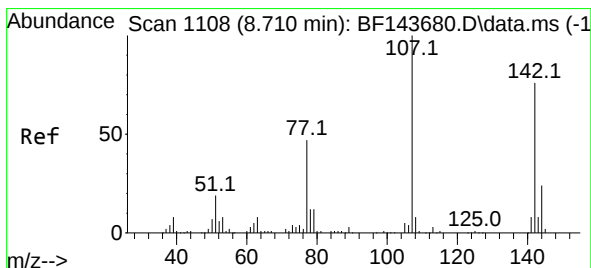
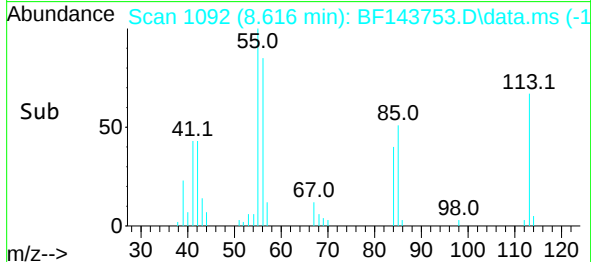
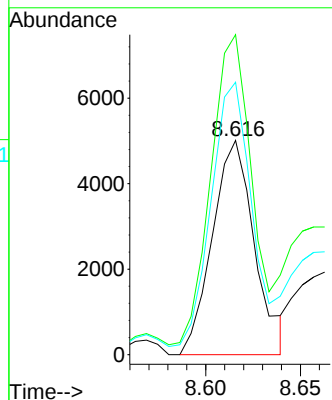
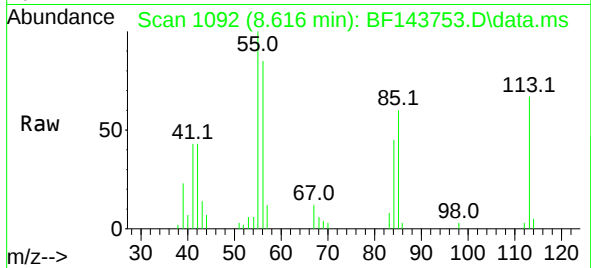




#35
Caprolactam
Concen: 29.396 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

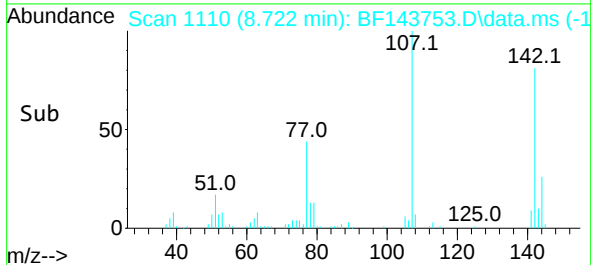
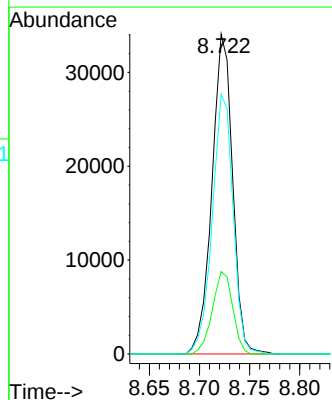
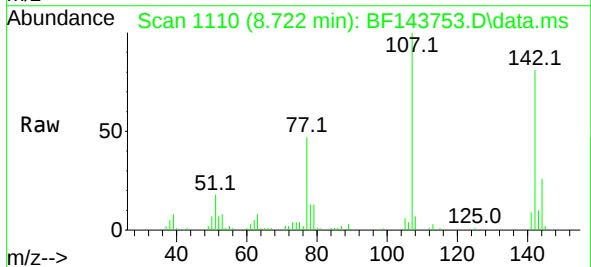
Instrument :
BNA_F
ClientSampleId :
PB169696BS

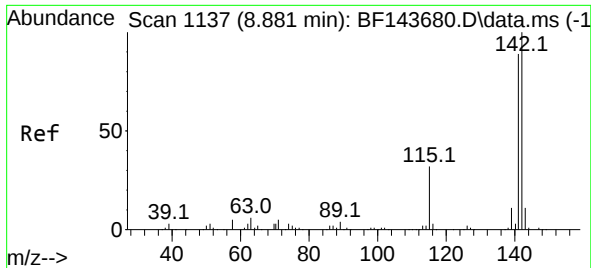
Tgt Ion:113 Resp: 7742
Ion Ratio Lower Upper
113 100
55 149.4 148.9 188.9
56 127.2 112.8 152.8



#36
4-Chloro-3-methylphenol
Concen: 50.042 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:107 Resp: 48825
Ion Ratio Lower Upper
107 100
144 25.8 19.4 29.2
142 81.1 60.6 91.0





#37

2-Methylnaphthalene

Concen: 45.331 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

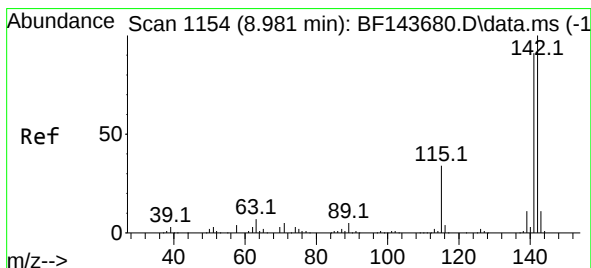
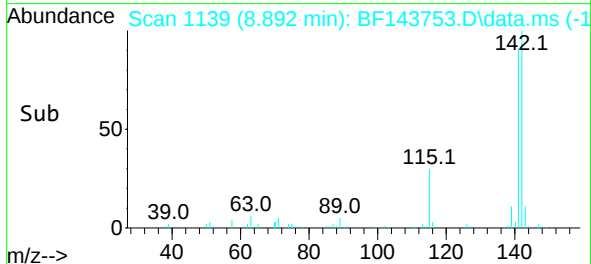
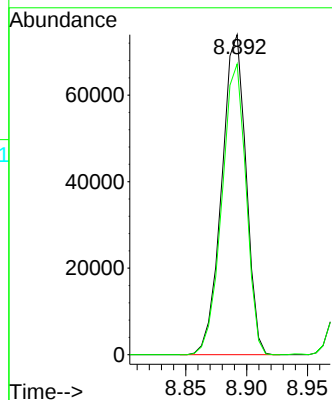
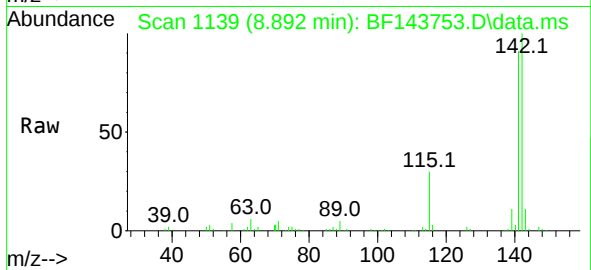
PB169696BS

Tgt Ion:142 Resp: 102697

Ion Ratio Lower Upper

142 100

141 90.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 48.383 ng

RT: 8.992 min Scan# 1156

Delta R.T. 0.011 min

Lab File: BF143753.D

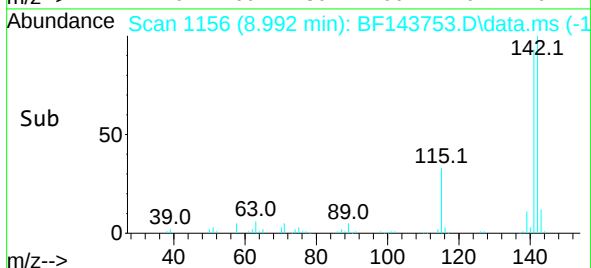
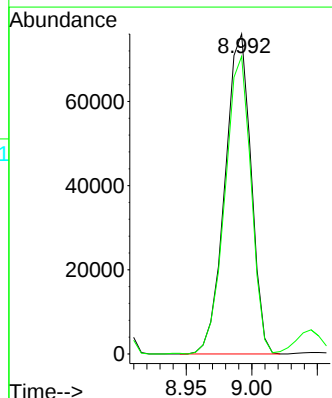
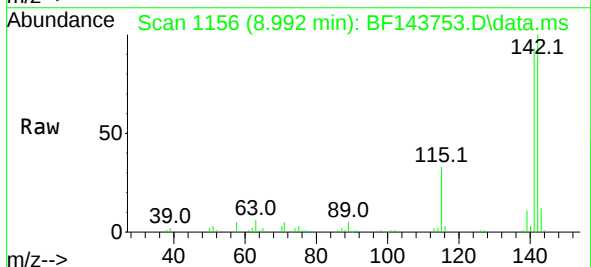
Acq: 15 Sep 2025 15:51

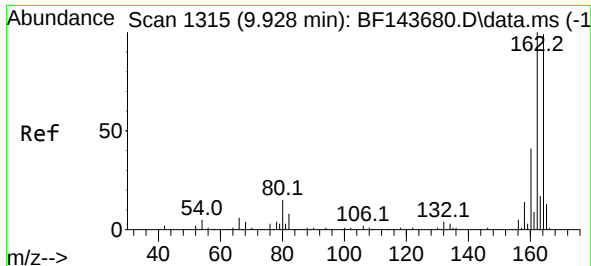
Tgt Ion:142 Resp: 105192

Ion Ratio Lower Upper

142 100

141 93.0 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: BF143753.D

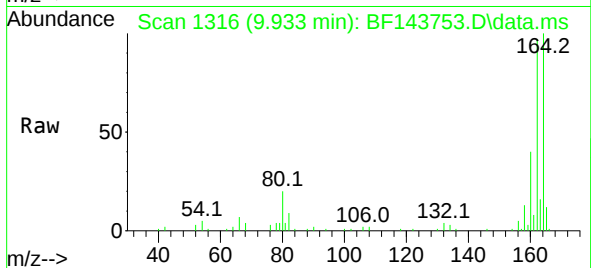
Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS



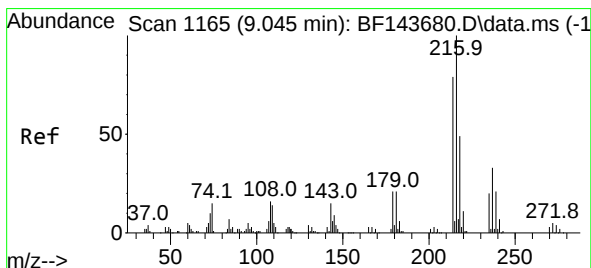
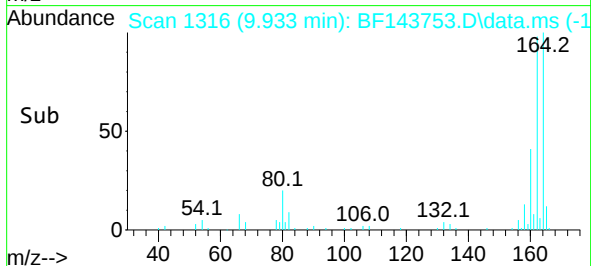
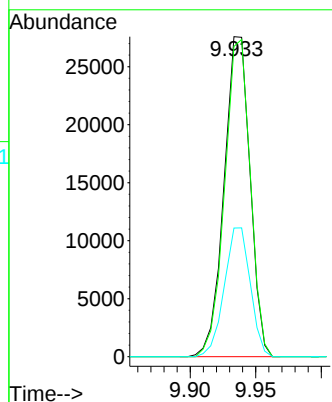
Tgt Ion:164 Resp: 38017

Ion Ratio Lower Upper

164 100

162 96.9 80.6 121.0

160 40.2 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.589 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Tgt Ion:216 Resp: 60501

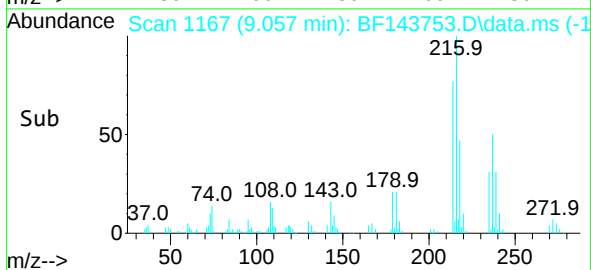
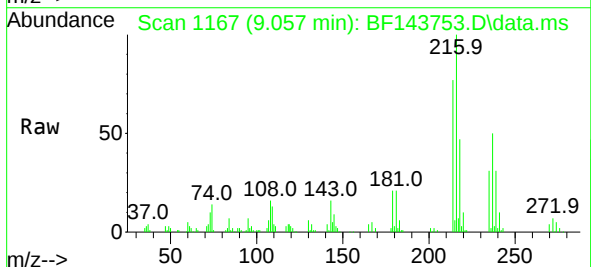
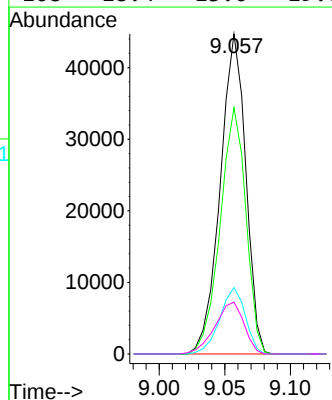
Ion Ratio Lower Upper

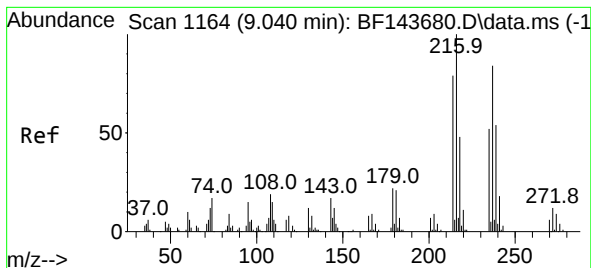
216 100

214 77.4 63.2 94.8

179 20.7 16.8 25.2

108 18.4 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 139.865 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

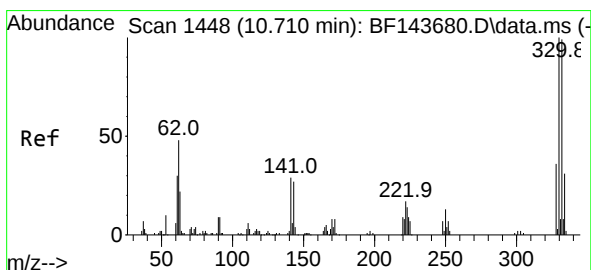
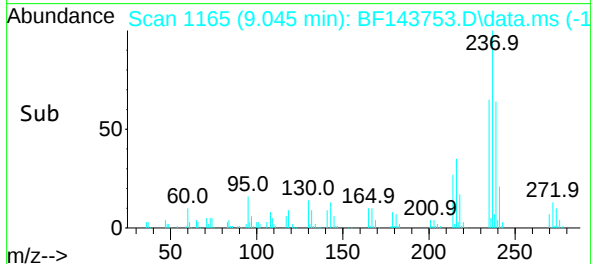
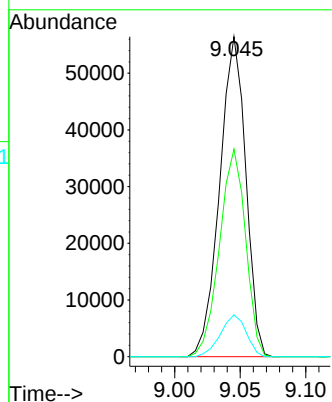
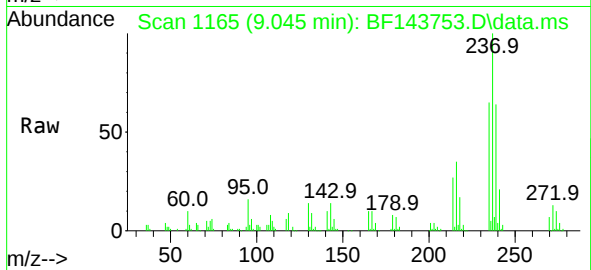
Tgt Ion:237 Resp: 78151

Ion Ratio Lower Upper

237 100

235 64.9 41.6 81.6

272 13.1 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 78.228 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.017 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

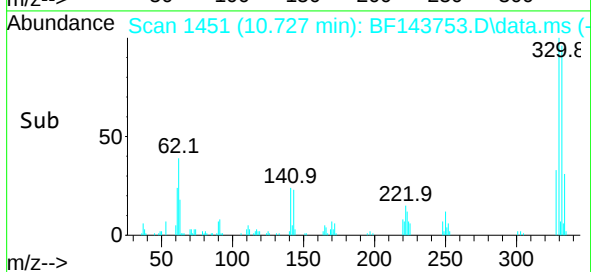
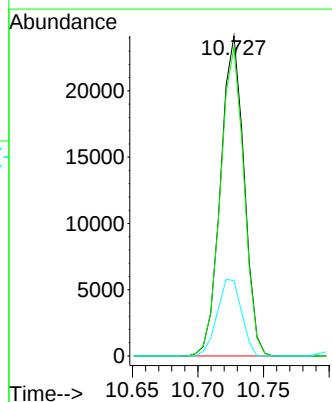
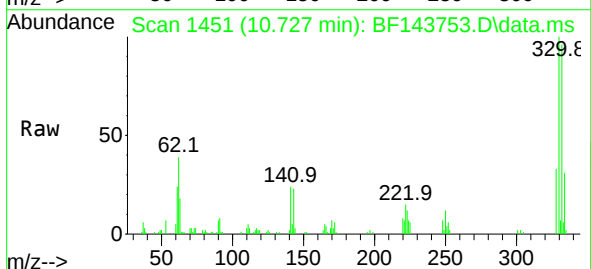
Tgt Ion:330 Resp: 29971

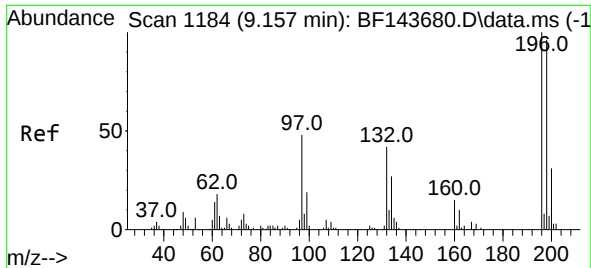
Ion Ratio Lower Upper

330 100

332 96.8 79.2 118.8

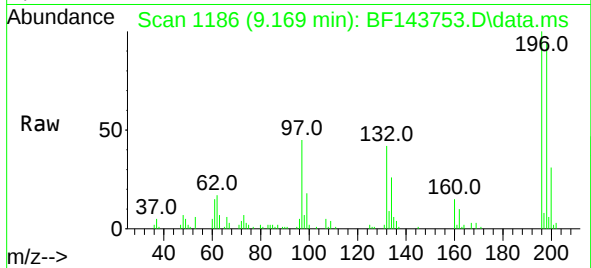
141 24.8 22.2 33.4



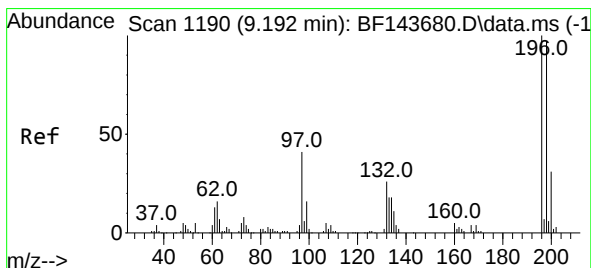
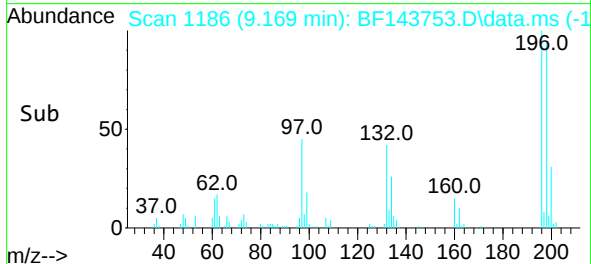
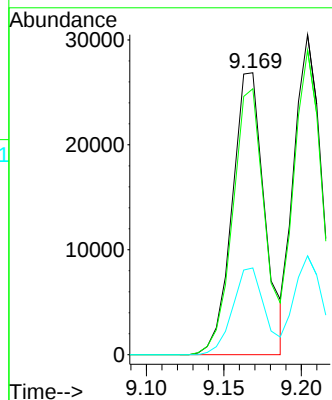


#43
2,4,6-Trichlorophenol
Concen: 53.739 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

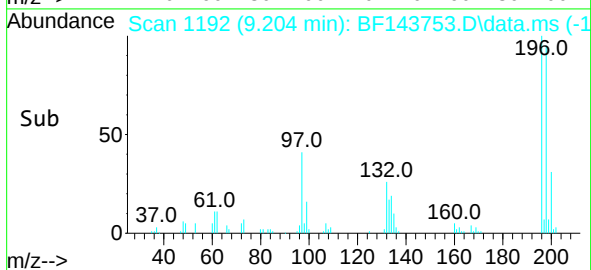
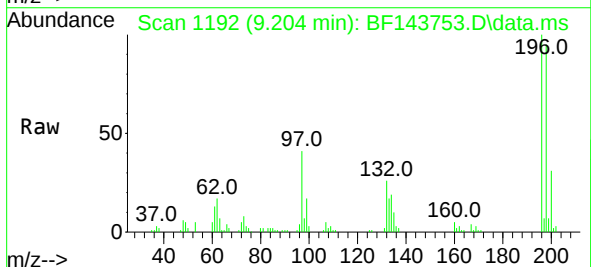
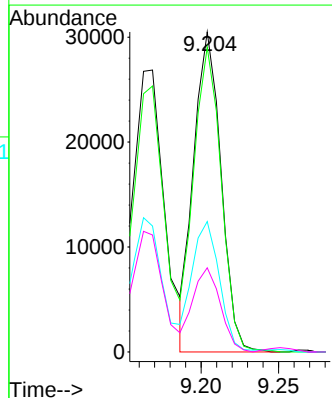


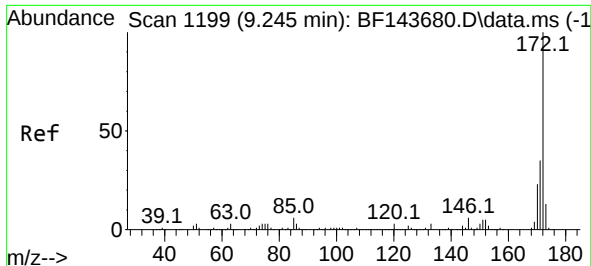
Tgt Ion:196 Resp: 39055
Ion Ratio Lower Upper
196 100
198 94.3 76.5 114.7
200 30.8 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 50.527 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:196 Resp: 37330
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.6
97 40.7 34.2 51.4
132 26.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 48.499 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

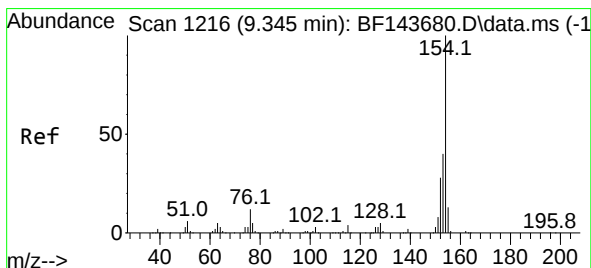
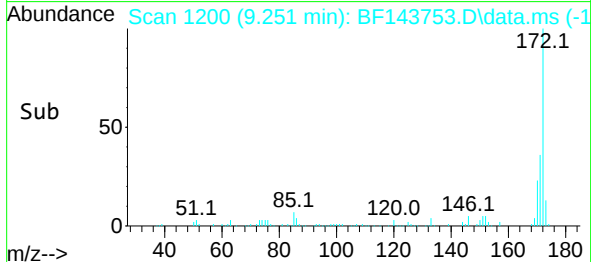
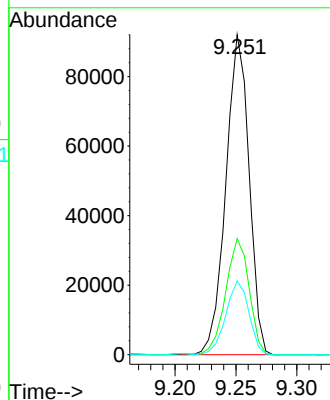
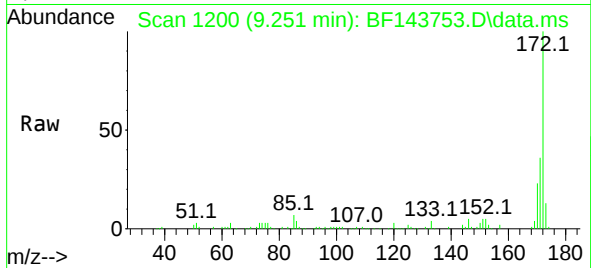
Tgt Ion:172 Resp: 122056

Ion Ratio Lower Upper

172 100

171 36.3 27.9 41.9

170 23.0 18.6 27.8



#46

1,1'-Biphenyl

Concen: 56.770 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

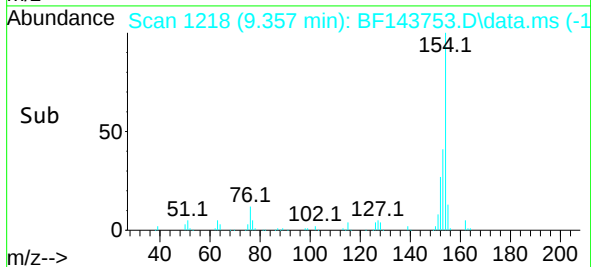
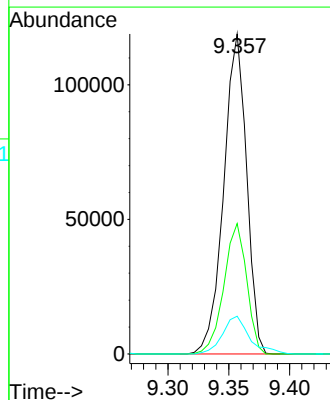
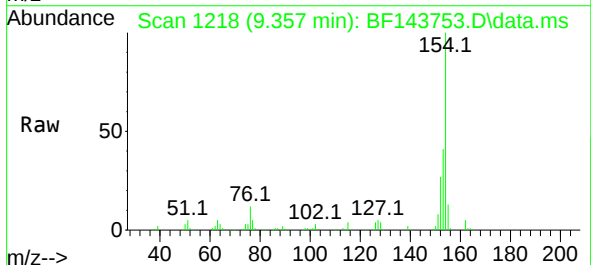
Tgt Ion:154 Resp: 155376

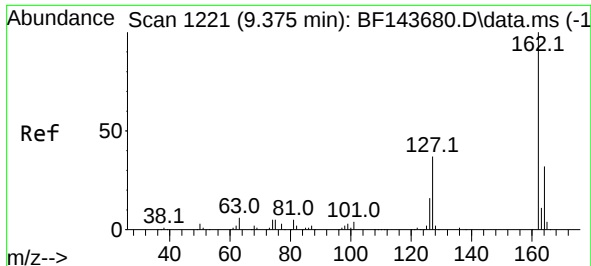
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 11.8 0.0 31.6





#47

2-Chloronaphthalene

Concen: 49.674 ng

RT: 9.380 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

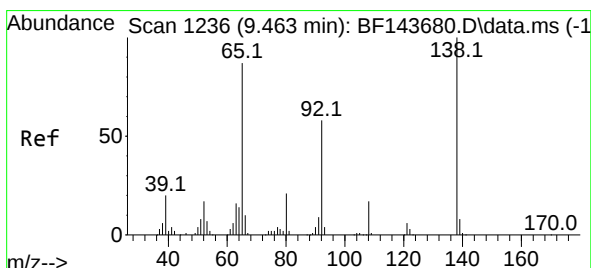
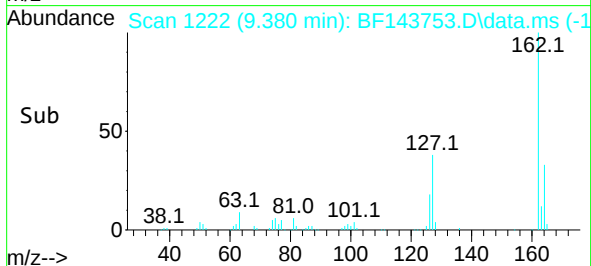
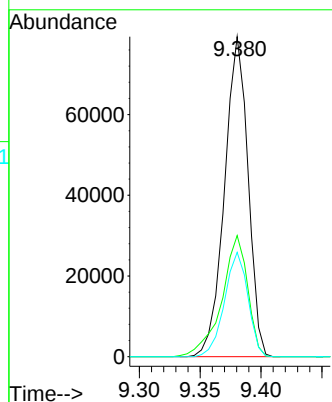
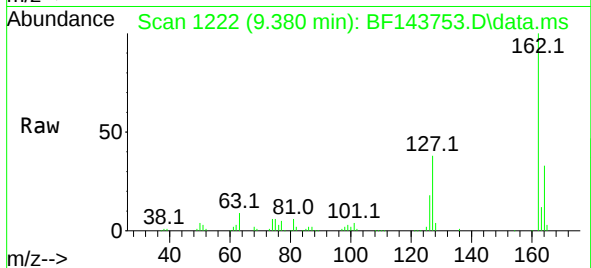
Tgt Ion:162 Resp: 106583

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 50.365 ng

RT: 9.475 min Scan# 1238

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

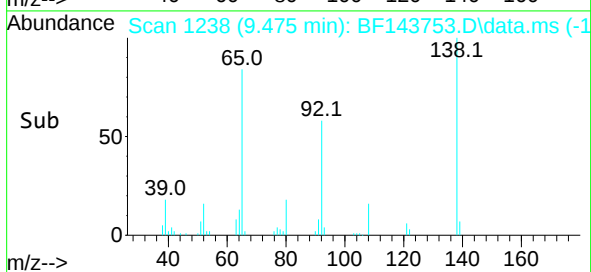
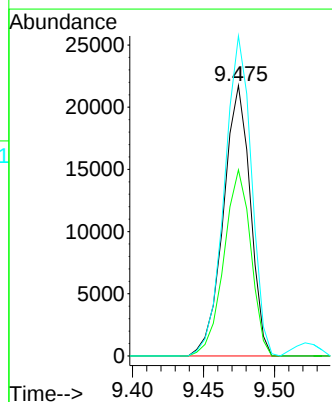
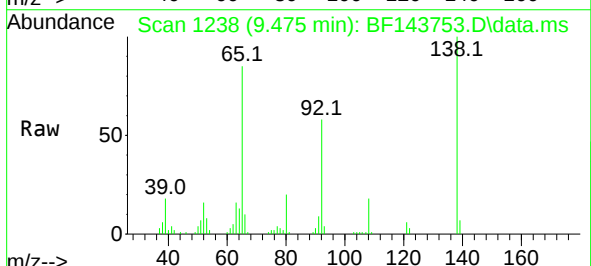
Tgt Ion: 65 Resp: 28598

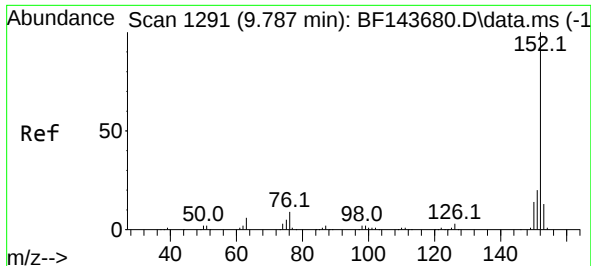
Ion Ratio Lower Upper

65 100

92 68.8 53.3 79.9

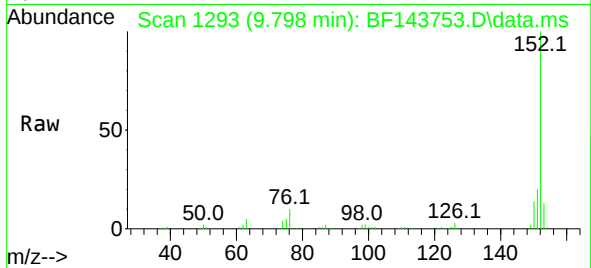
138 118.3 92.1 138.1



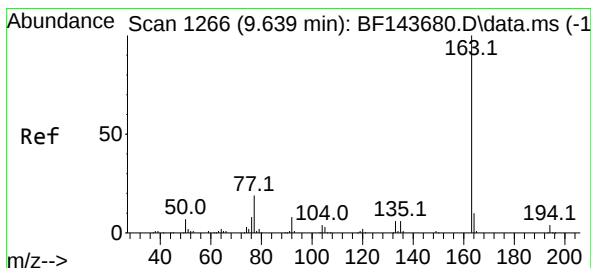
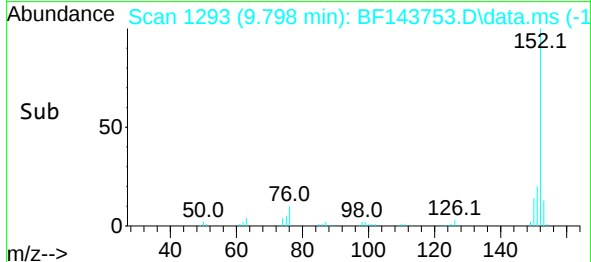
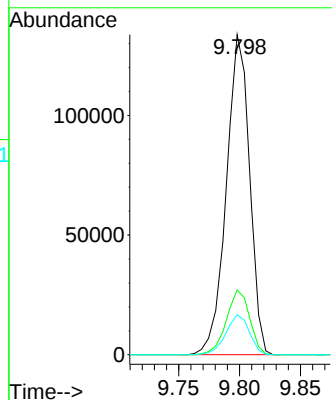


#49
Acenaphthylene
Concen: 57.828 ng
RT: 9.798 min Scan# 1291
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

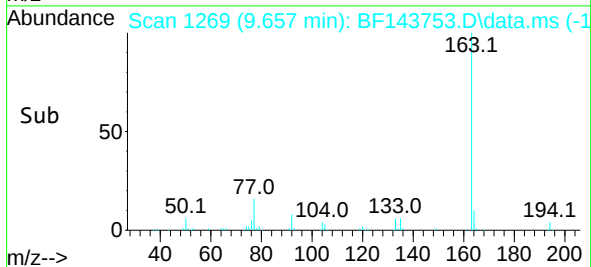
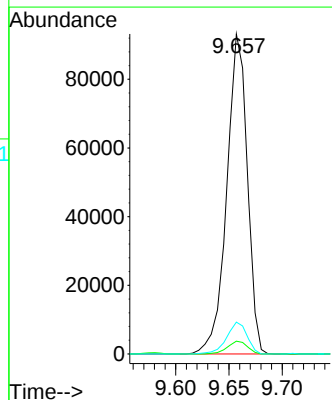
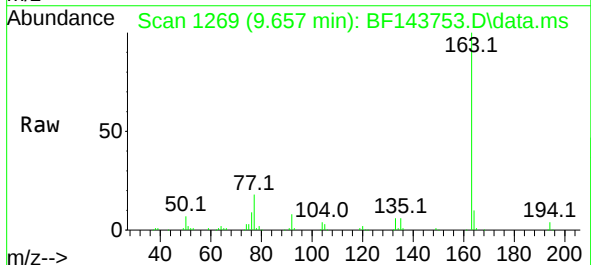


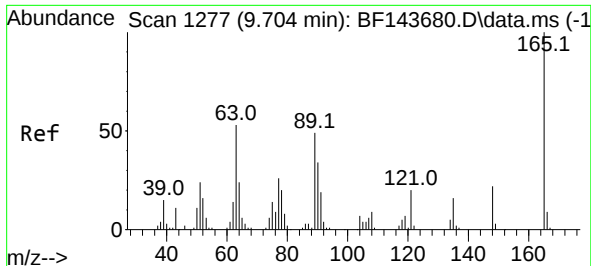
Tgt Ion:152 Resp: 177734
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 12.5 10.4 15.6



#50
Dimethylphthalate
Concen: 50.635 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

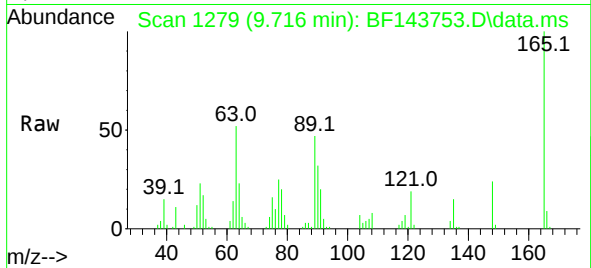
Tgt Ion:163 Resp: 125247
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.0 12.0



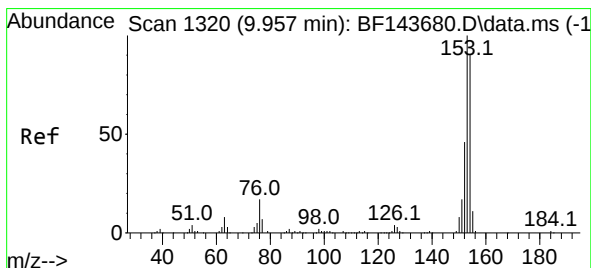
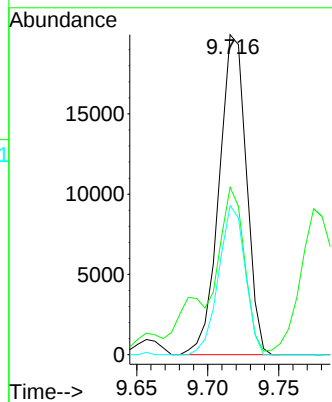
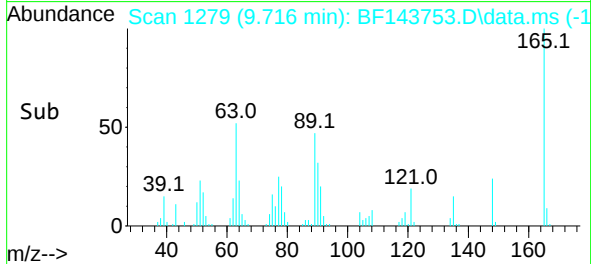


#51
2,6-Dinitrotoluene
Concen: 56.343 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

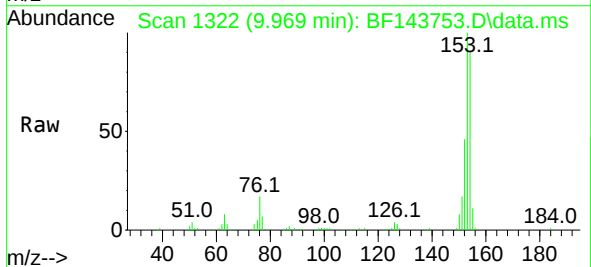
Instrument :
BNA_F
ClientSampleId :
PB169696BS



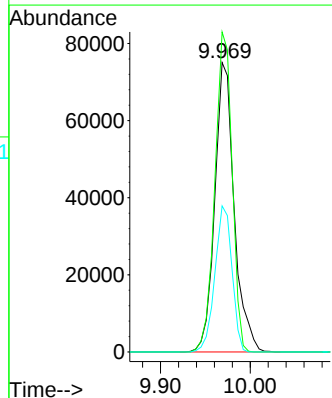
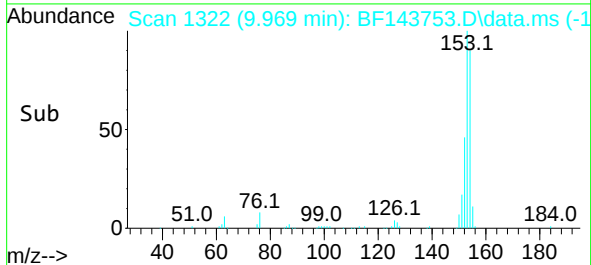
Tgt Ion:165 Resp: 26646
Ion Ratio Lower Upper
165 100
63 52.3 42.2 63.4
89 46.5 39.3 58.9

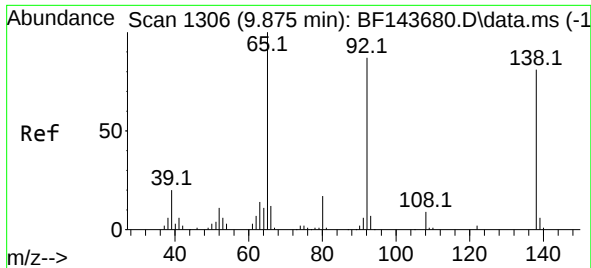


#52
Acenaphthene
Concen: 53.285 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51



Tgt Ion:154 Resp: 112854
Ion Ratio Lower Upper
154 100
153 110.6 89.4 134.0
152 50.5 41.2 61.8

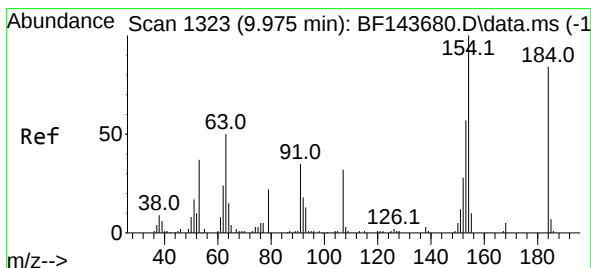
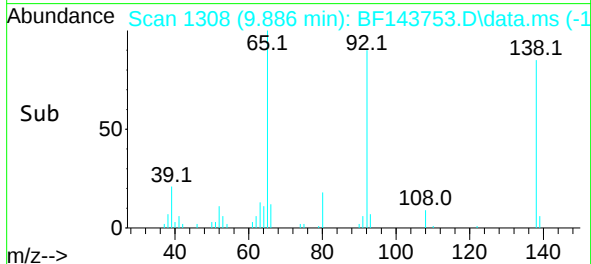
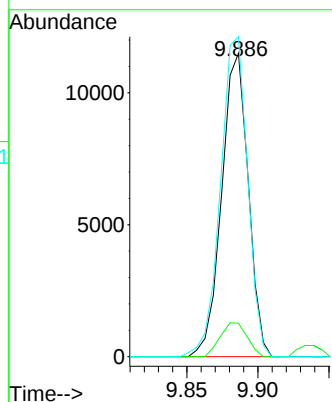
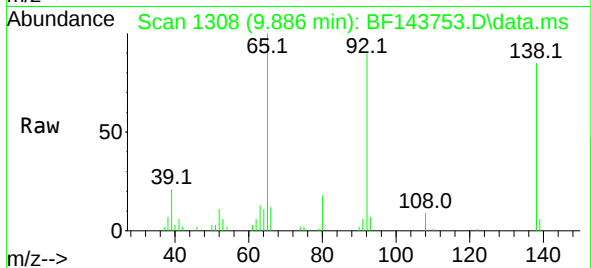




#53
3-Nitroaniline
Concen: 29.418 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

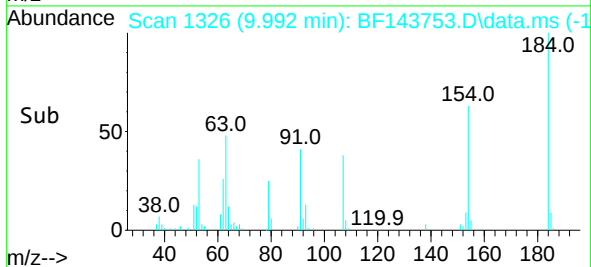
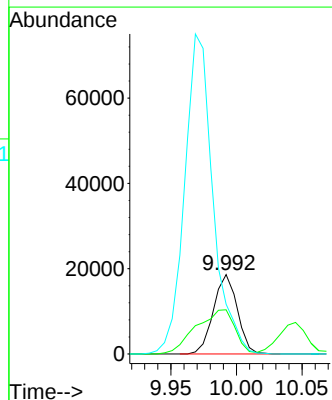
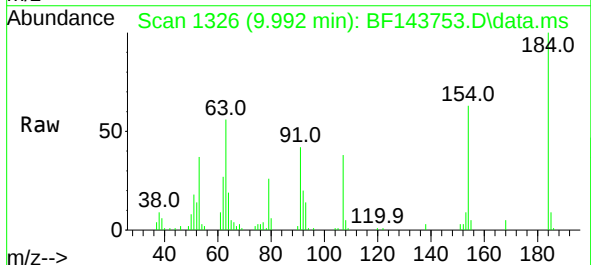
Instrument :
BNA_F
ClientSampleId :
PB169696BS

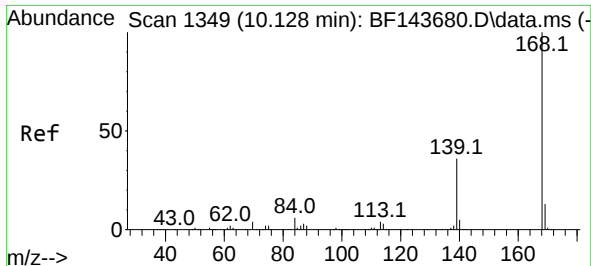
Tgt Ion:138 Resp: 14972
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 105.5 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 91.487 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:184 Resp: 23496
Ion Ratio Lower Upper
184 100
63 55.6 52.7 79.1
154 62.7 136.6 204.8#

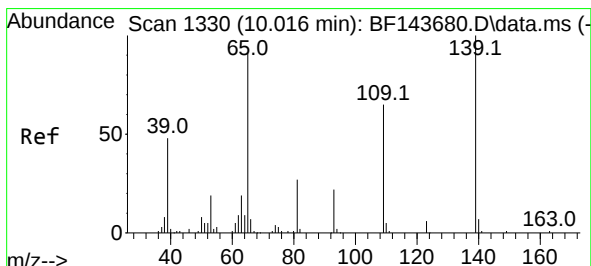
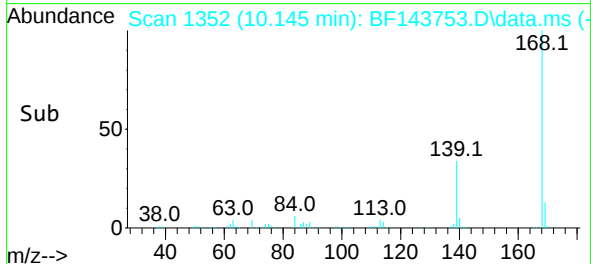
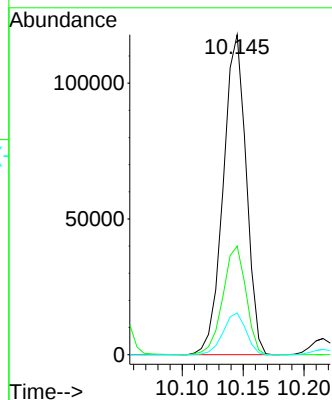
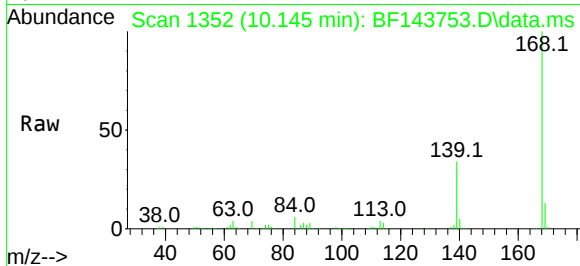




#55
Dibenzenofuran
Concen: 50.670 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

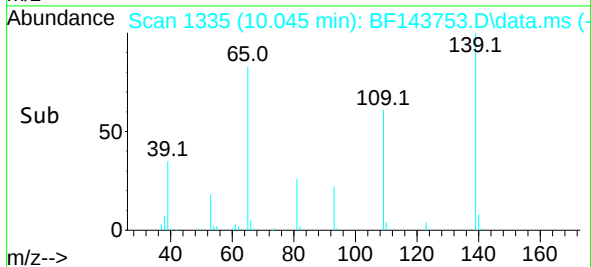
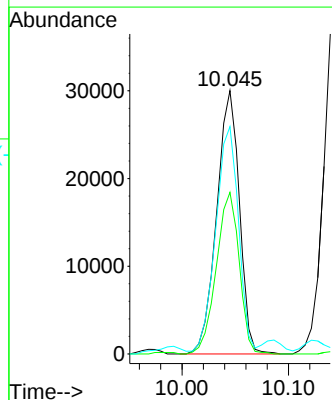
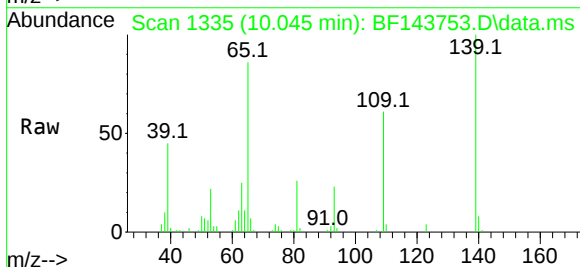
Instrument :
BNA_F
ClientSampleId :
PB169696BS

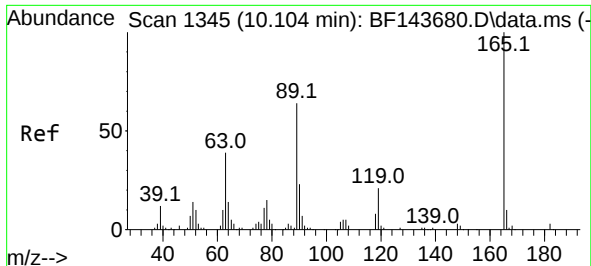
Tgt Ion:168 Resp: 154314
Ion Ratio Lower Upper
168 100
139 34.0 29.0 43.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 109.885 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.029 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

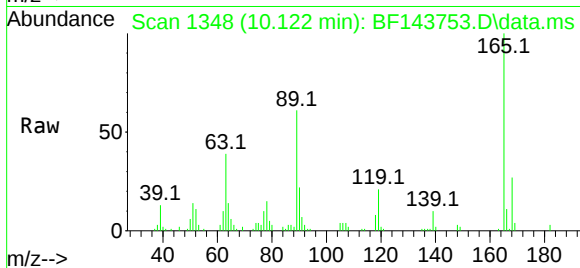
Tgt Ion:139 Resp: 44493
Ion Ratio Lower Upper
139 100
109 61.3 45.2 85.2
65 86.3 72.1 112.1



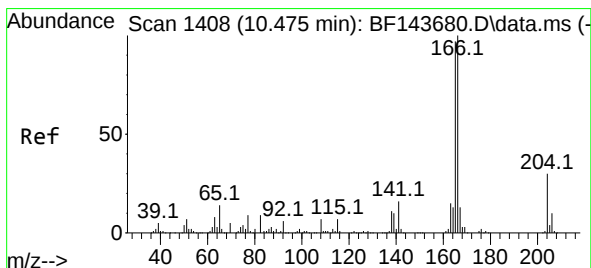
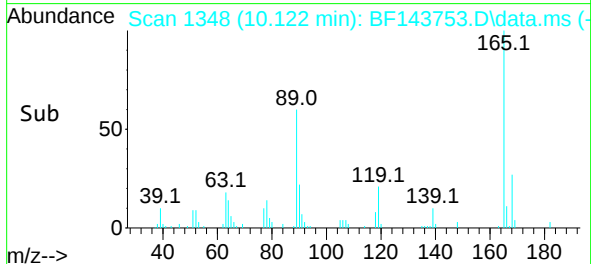
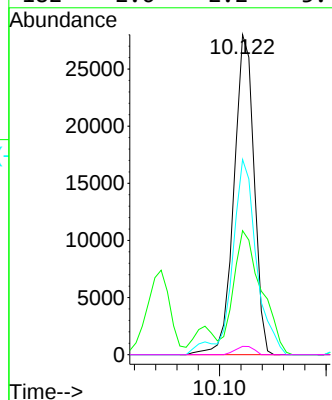


#57
2,4-Dinitrotoluene
Concen: 57.071 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

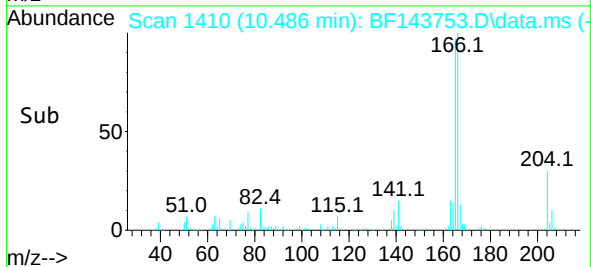
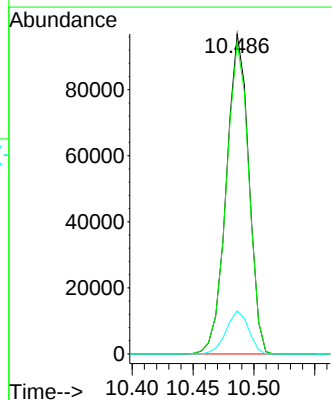
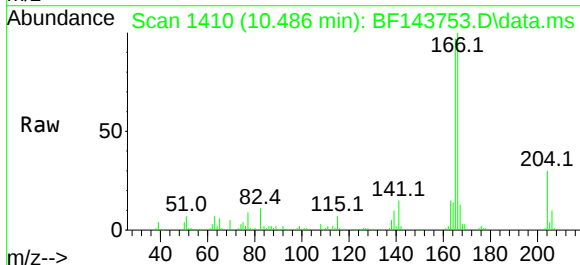


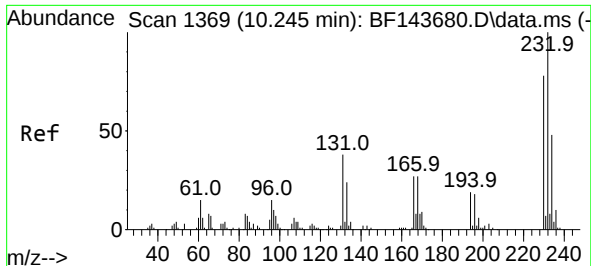
Tgt Ion:165 Resp: 36734
Ion Ratio Lower Upper
165 100
63 38.8 31.5 47.3
89 61.0 51.3 76.9
182 2.6 2.2 3.4



#58
Fluorene
Concen: 51.832 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:166 Resp: 123565
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.4 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.641 ng

RT: 10.257 min Scan# 1371

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

Tgt Ion:232 Resp: 32135

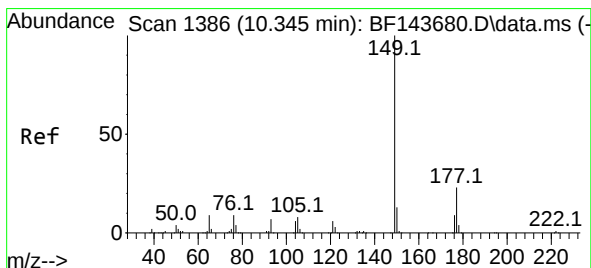
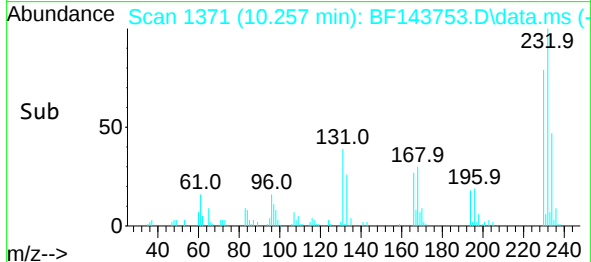
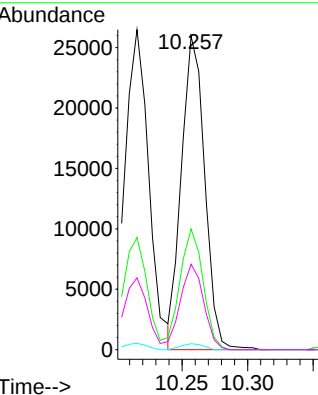
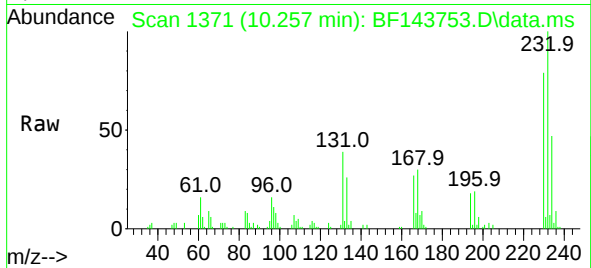
Ion Ratio Lower Upper

232 100

131 38.7 31.9 47.9

130 1.8 1.4 2.0

166 27.5 22.0 33.0



#60

Diethylphthalate

Concen: 51.587 ng

RT: 10.357 min Scan# 1388

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

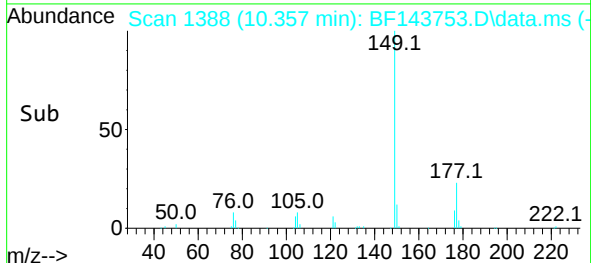
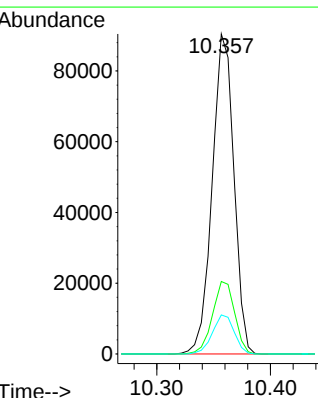
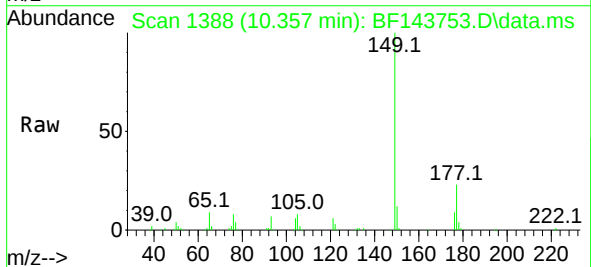
Tgt Ion:149 Resp: 119796

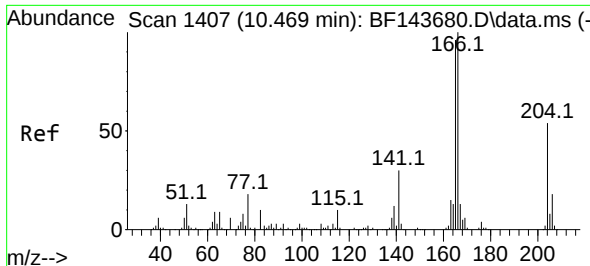
Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.2

150 12.2 10.0 15.0

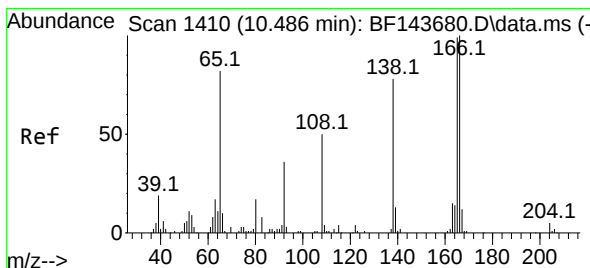
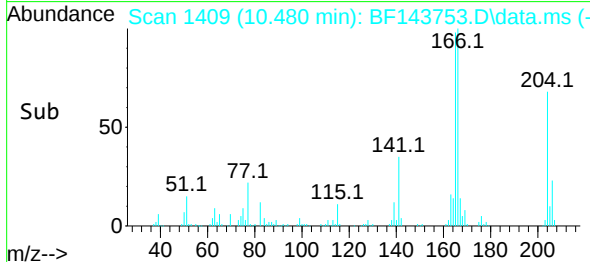
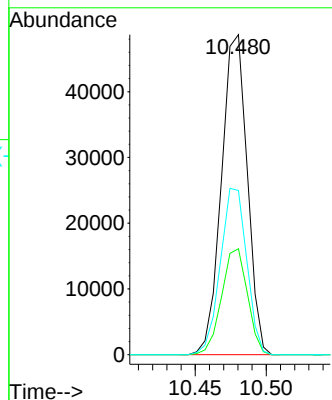
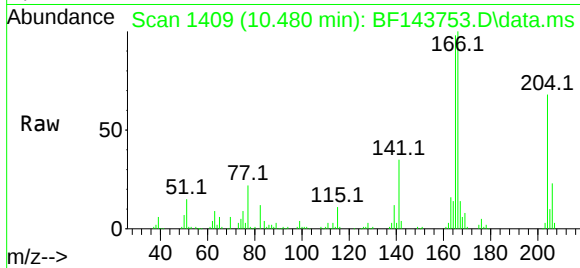




#61
4-Chlorophenyl-phenylether
Concen: 50.871 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

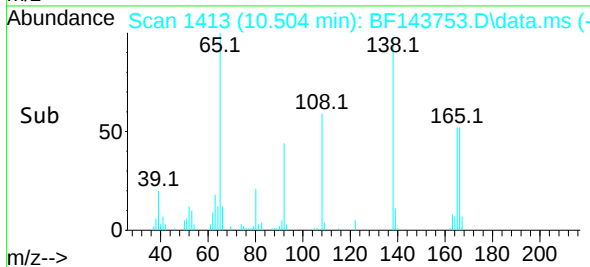
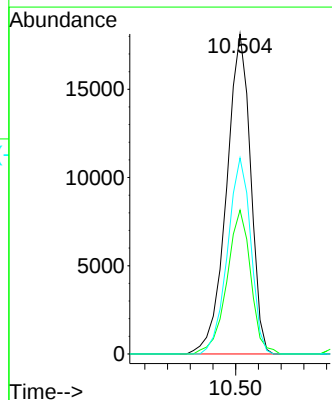
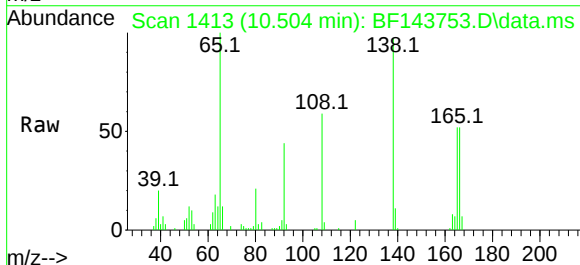
Instrument :
BNA_F
ClientSampleId :
PB169696BS

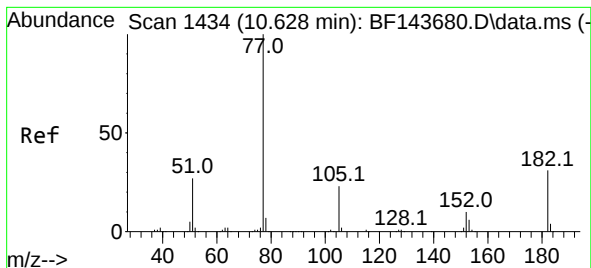
Tgt Ion:204 Resp: 61505
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 51.3 44.8 67.2



#62
4-Nitroaniline
Concen: 55.351 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:138 Resp: 26681
Ion Ratio Lower Upper
138 100
92 44.9 26.4 66.4
108 61.2 44.3 84.3





#63

Azobenzene

Concen: 50.891 ng

RT: 10.639 min Scan# 14

Delta R.T. 0.011 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

Tgt Ion: 77 Resp: 104478

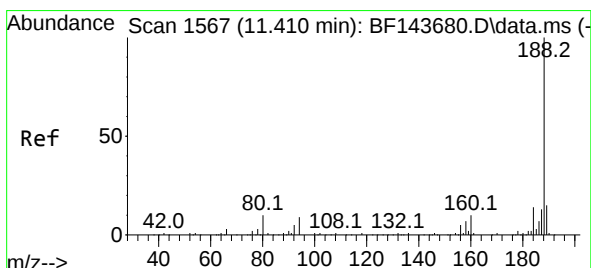
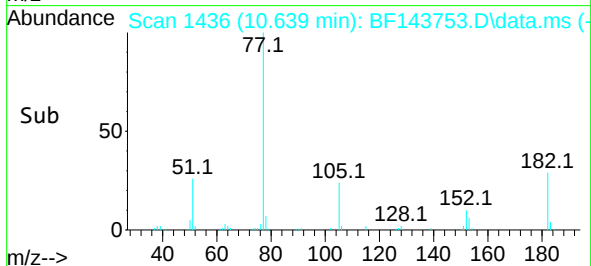
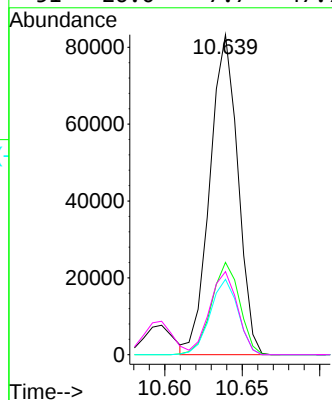
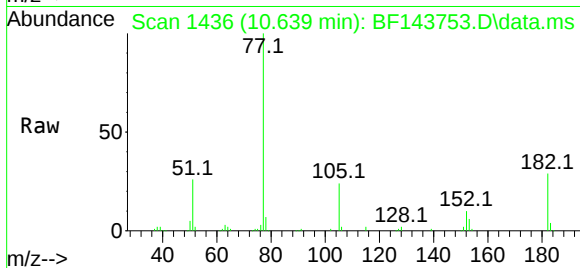
Ion Ratio Lower Upper

77 100

182 28.9 10.8 50.8

105 23.6 3.2 43.2

51 26.0 7.7 47.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. 0.017 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

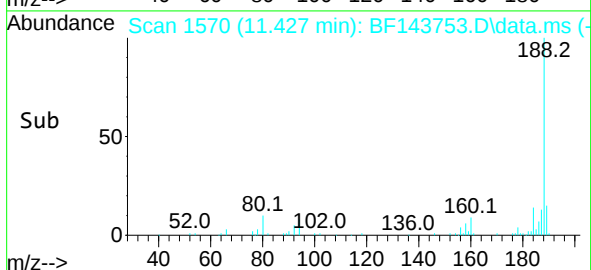
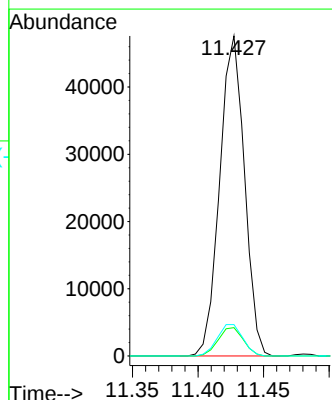
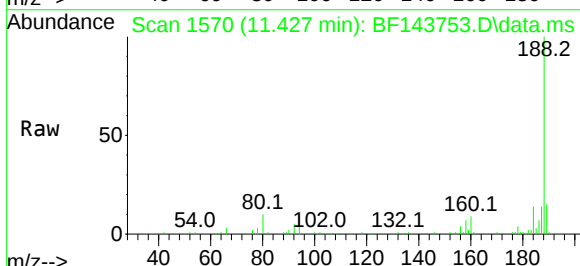
Tgt Ion:188 Resp: 62424

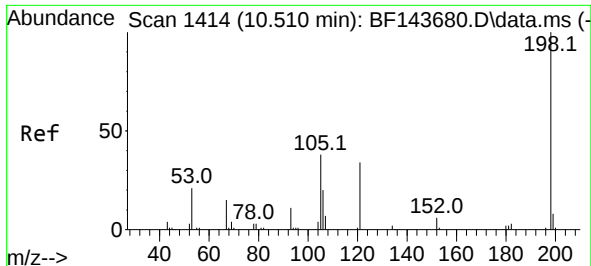
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 9.8 7.7 11.5

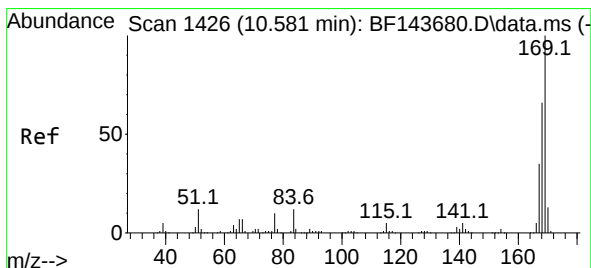
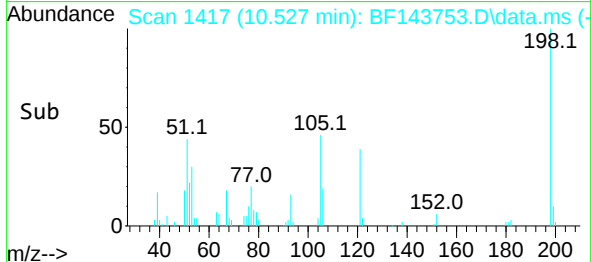
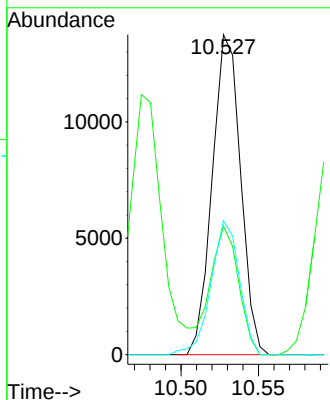
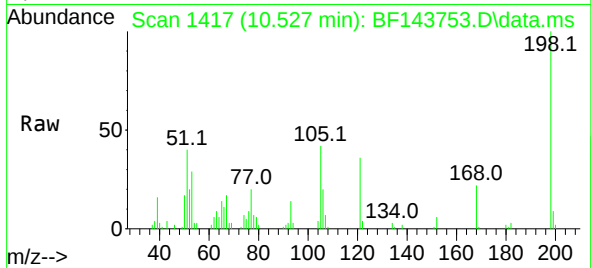




#65
4,6-Dinitro-2-methylphenol
Concen: 54.930 ng
RT: 10.527 min Scan# 1414
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

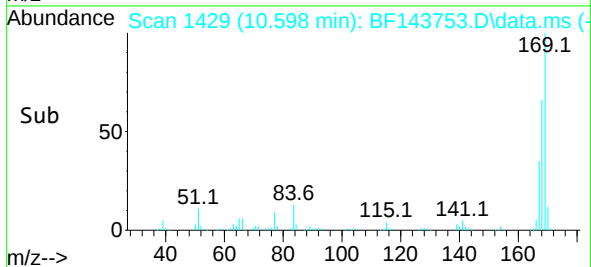
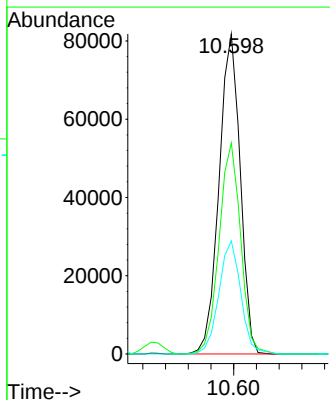
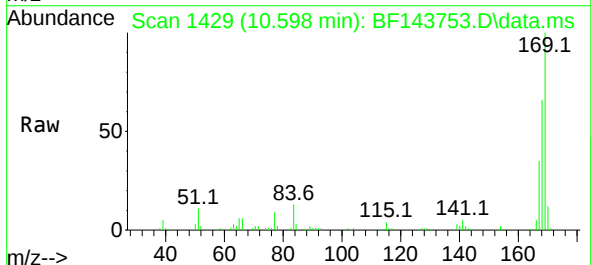
Instrument :
BNA_F
ClientSampleId :
PB169696BS

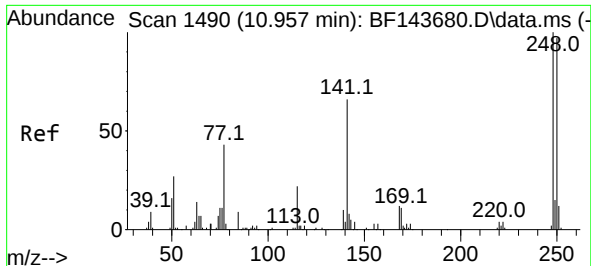
Tgt Ion:198 Resp: 17458
Ion Ratio Lower Upper
198 100
51 40.2 21.2 61.2
105 41.9 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 51.728 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:169 Resp: 105784
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.6
167 35.4 28.1 42.1

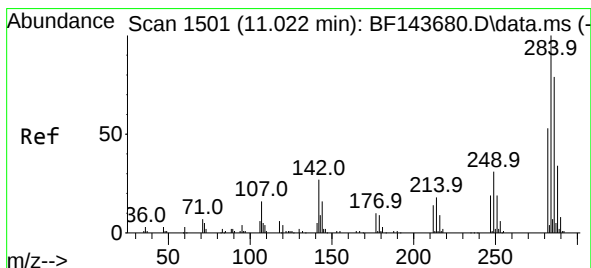
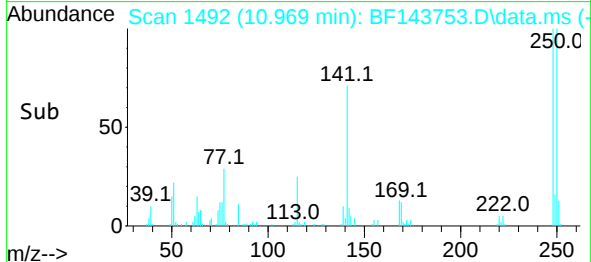
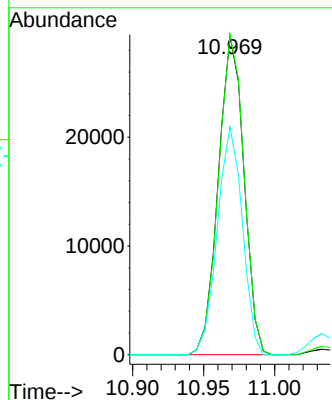
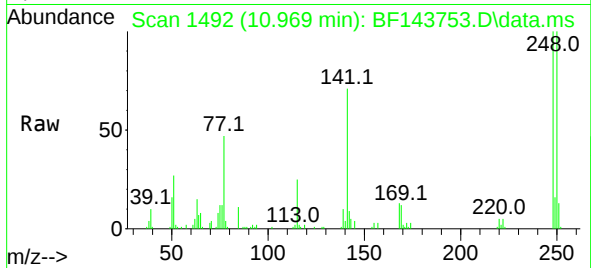




#67
4-Bromophenyl-phenylether
Concen: 48.754 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

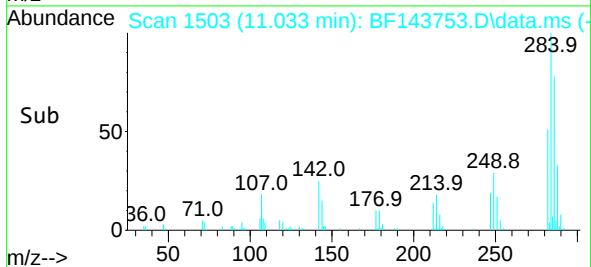
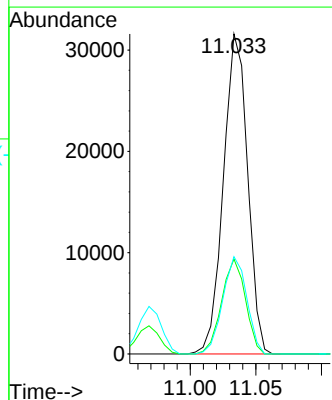
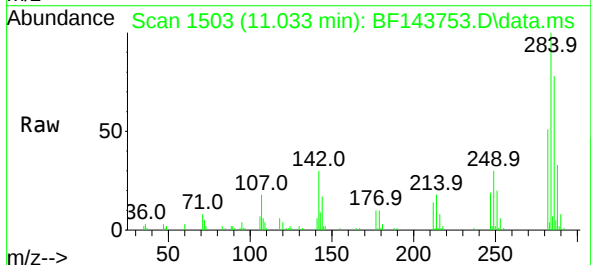
Instrument :
BNA_F
ClientSampleId :
PB169696BS

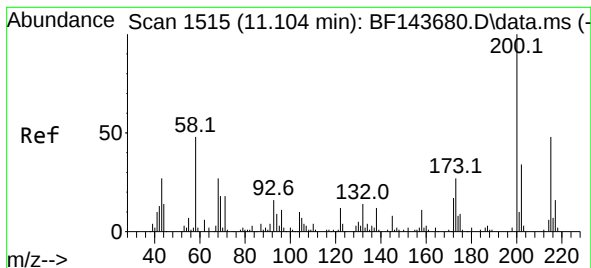
Tgt Ion:248 Resp: 36701
Ion Ratio Lower Upper
248 100
250 100.3 77.5 116.3
141 71.5 52.6 79.0



#68
Hexachlorobenzene
Concen: 50.988 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.011 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:284 Resp: 40528
Ion Ratio Lower Upper
284 100
142 29.6 21.3 31.9
249 30.4 25.0 37.4





#69

Atrazine

Concen: 51.667 ng

RT: 11.127 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

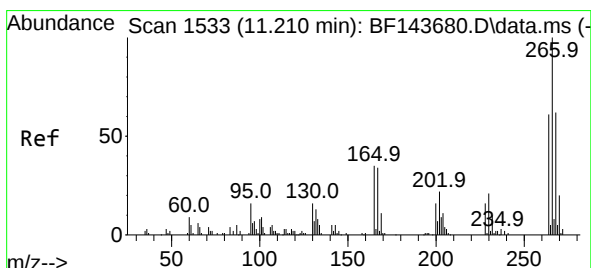
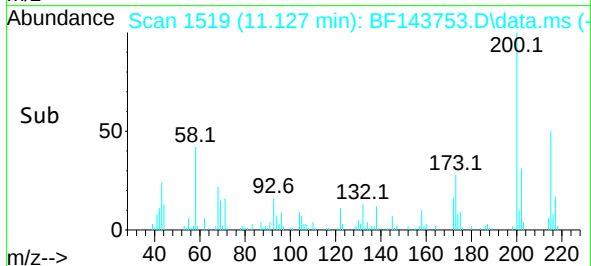
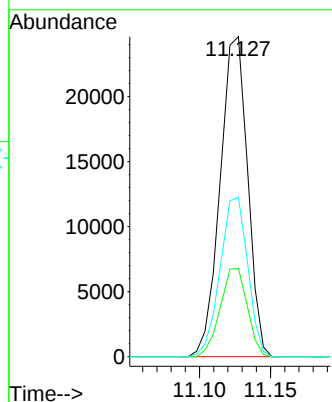
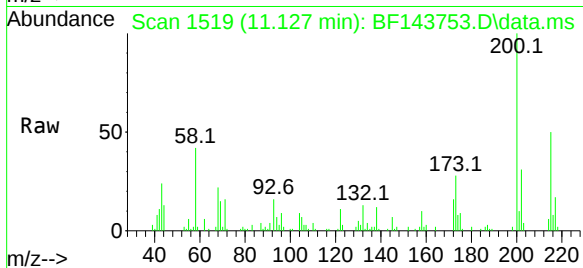
Tgt Ion:200 Resp: 33129

Ion Ratio Lower Upper

200 100

173 27.6 7.3 47.3

215 49.8 28.5 68.5



#70

Pentachlorophenol

Concen: 98.182 ng

RT: 11.227 min Scan# 1536

Delta R.T. 0.017 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

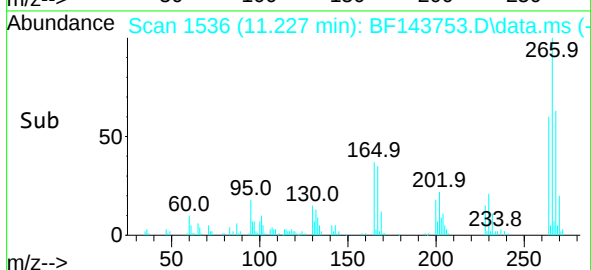
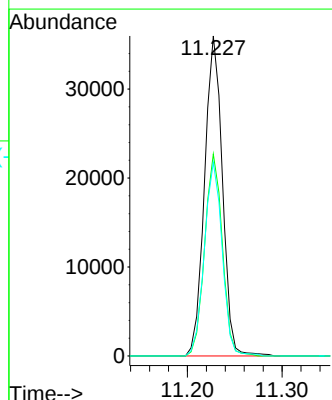
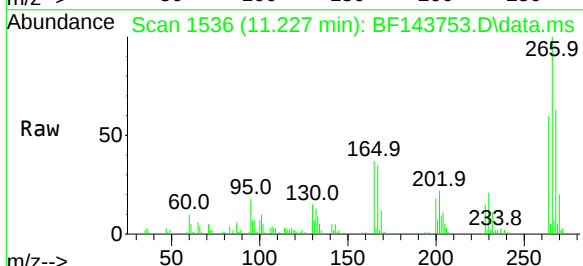
Tgt Ion:266 Resp: 47176

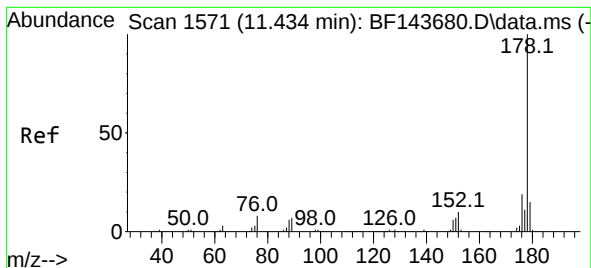
Ion Ratio Lower Upper

266 100

268 63.1 49.2 73.8

264 60.5 48.6 73.0

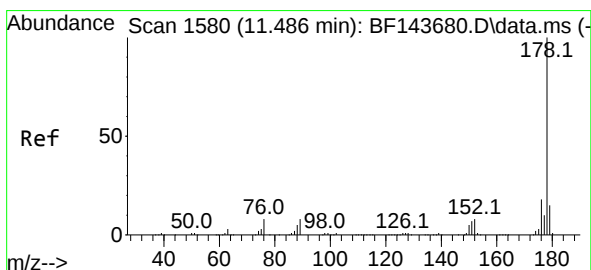
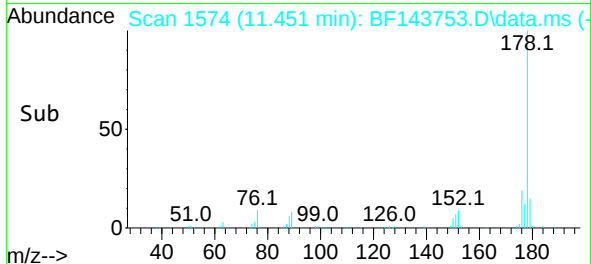
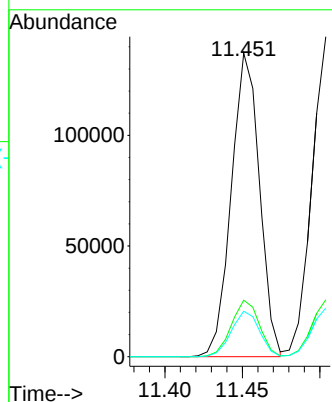
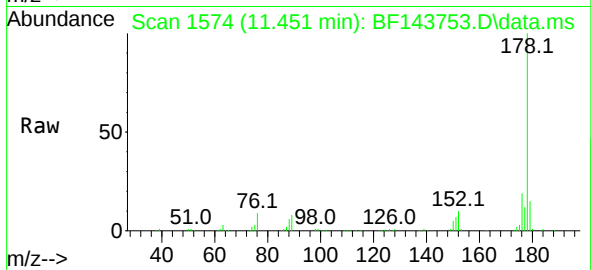




#71
Phenanthrene
Concen: 50.395 ng
RT: 11.451 min Scan# 11583
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

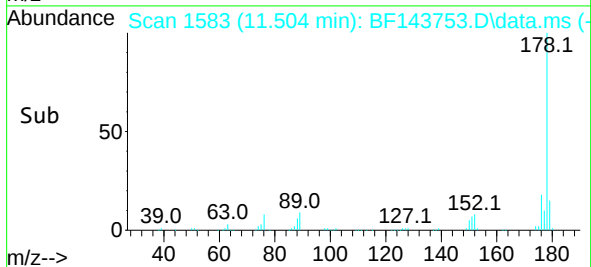
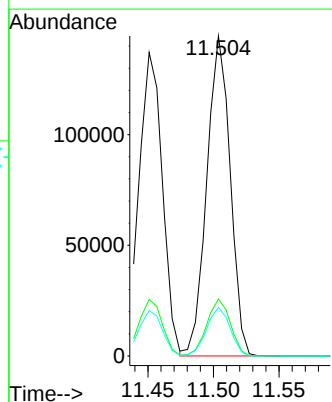
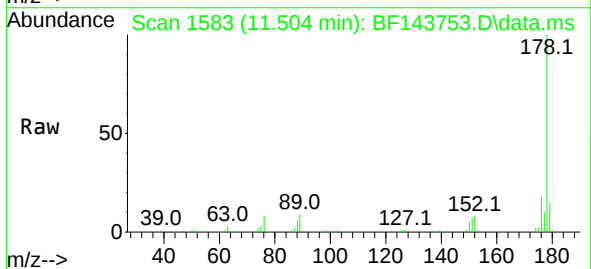
Instrument :
BNA_F
ClientSampleId :
PB169696BS

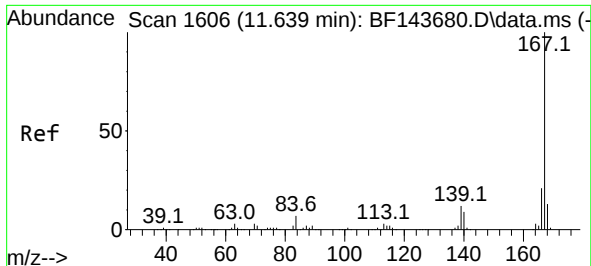
Tgt Ion:178 Resp: 173331
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 14.9 12.2 18.2



#72
Anthracene
Concen: 51.906 ng
RT: 11.504 min Scan# 1583
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

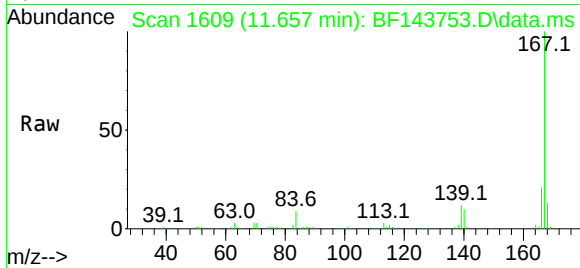
Tgt Ion:178 Resp: 179514
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.2 12.2 18.2



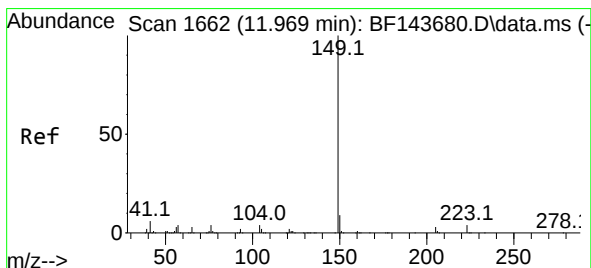
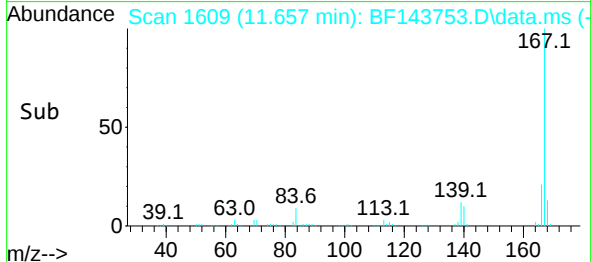
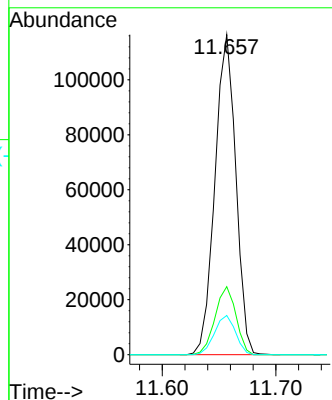


#73
Carbazole
Concen: 52.479 ng
RT: 11.657 min Scan# 1609
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

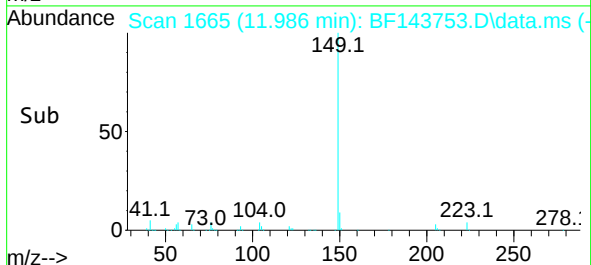
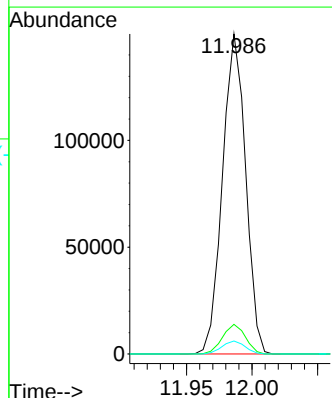
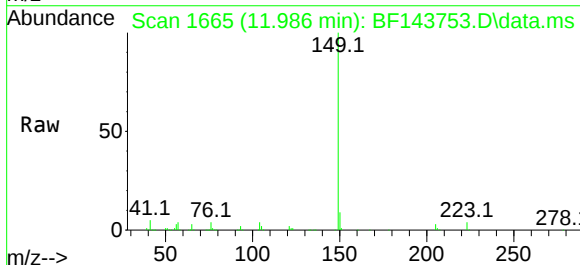


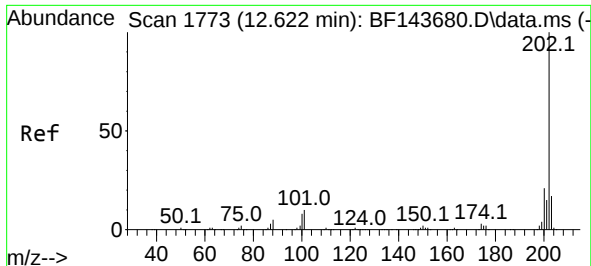
Tgt Ion:167 Resp: 148639
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 12.3 9.7 14.5



#74
Di-n-butylphthalate
Concen: 53.879 ng
RT: 11.986 min Scan# 1665
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:149 Resp: 183723
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.0 3.3 4.9

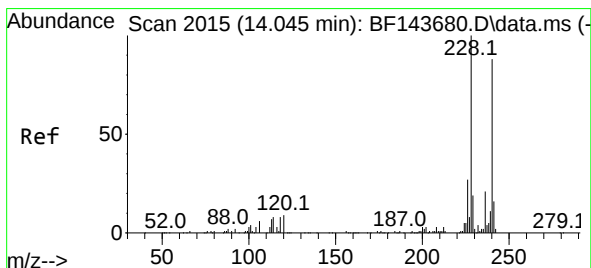
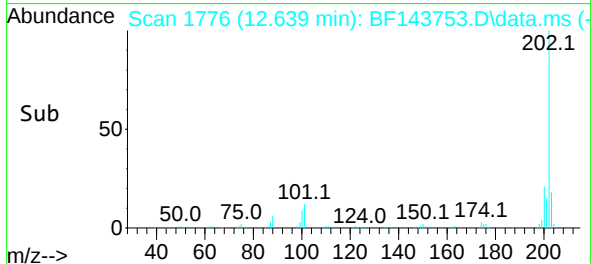
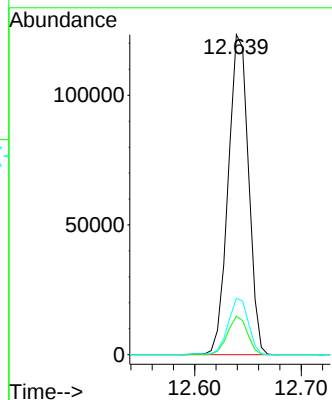
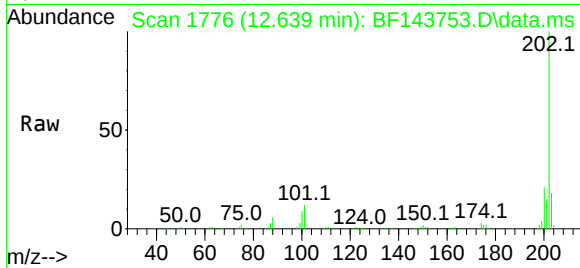




#75
Fluoranthene
Concen: 51.691 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

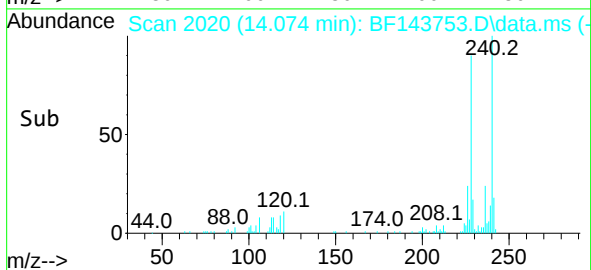
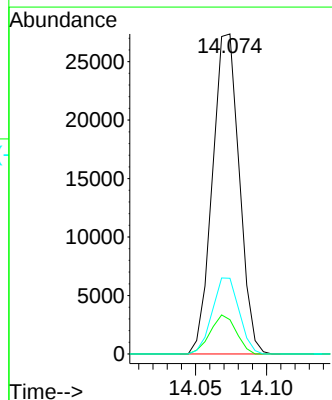
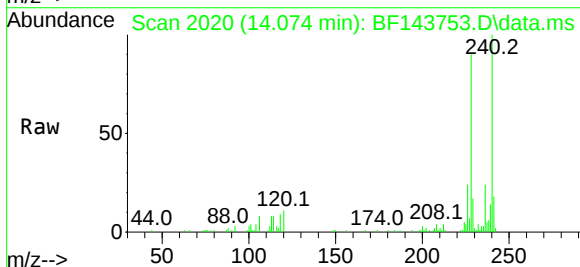
Instrument :
BNA_F
ClientSampleId :
PB169696BS

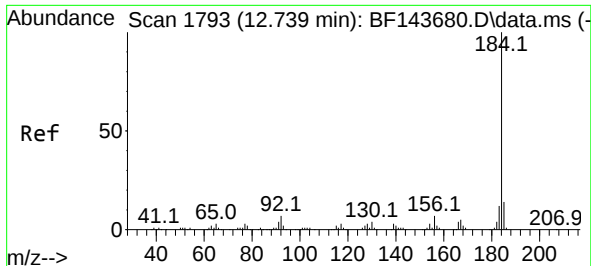
Tgt Ion:202 Resp: 163212
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.5
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.029 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:240 Resp: 35927
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 23.7 18.6 28.0

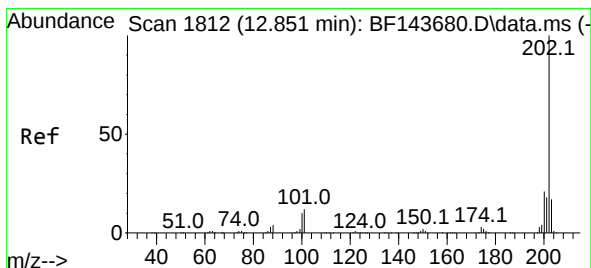
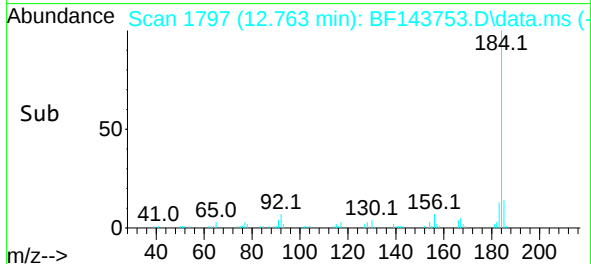
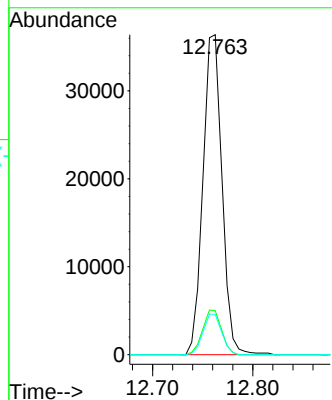
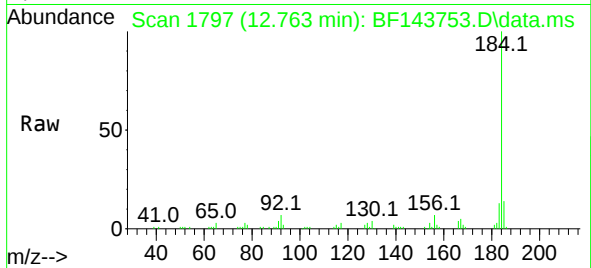




#77
Benzidine
Concen: 41.109 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.023 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

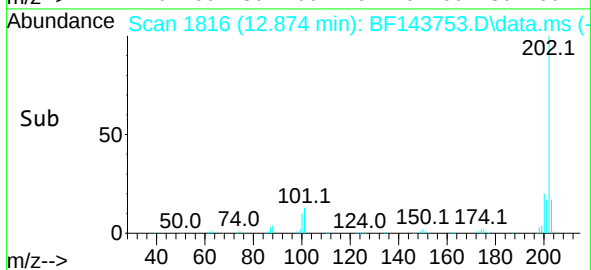
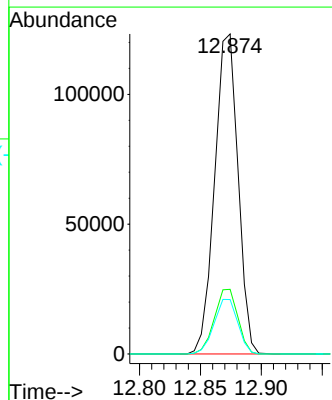
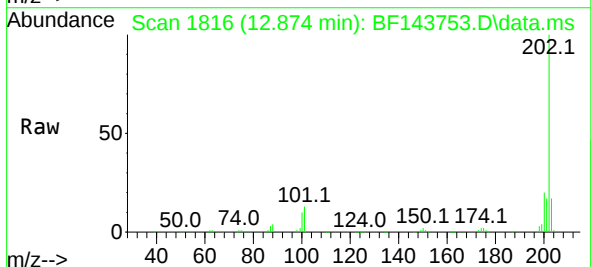
Instrument :
BNA_F
ClientSampleId :
PB169696BS

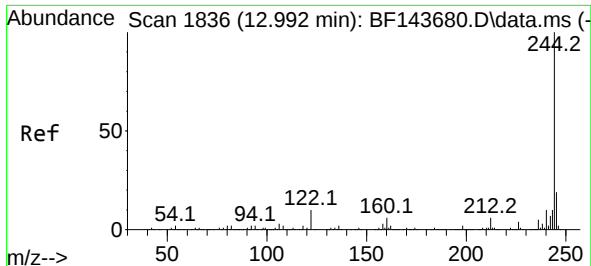
Tgt Ion:184 Resp: 48162
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 12.6 9.4 14.2



#78
Pyrene
Concen: 57.208 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.023 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:202 Resp: 164331
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.0 13.5 20.3

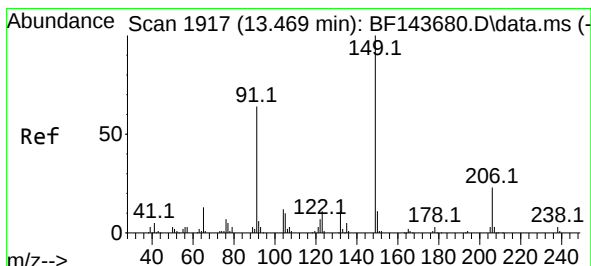
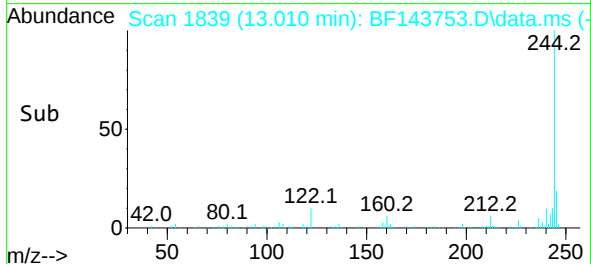
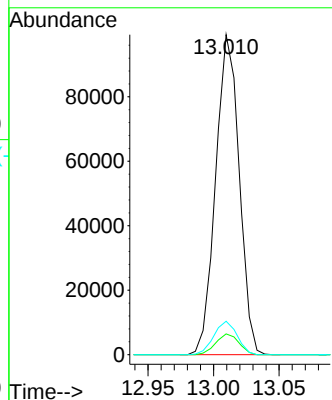
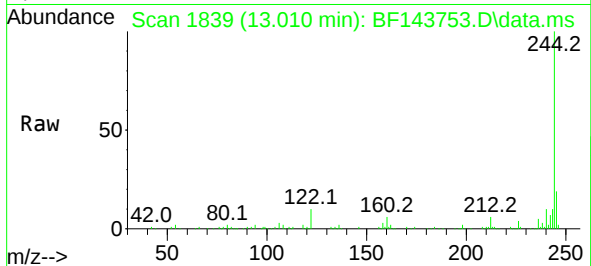




#79
 Terphenyl-d14
 Concen: 55.879 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.017 min
 Lab File: BF143753.D
 Acq: 15 Sep 2025 15:51

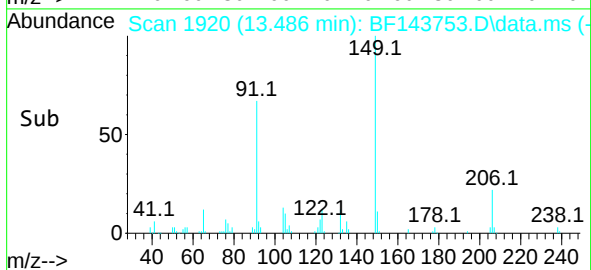
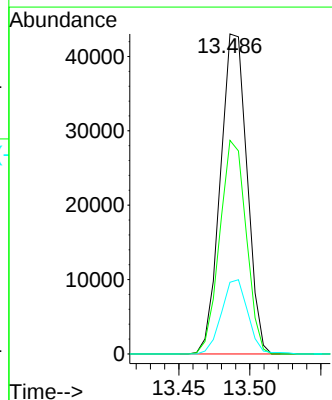
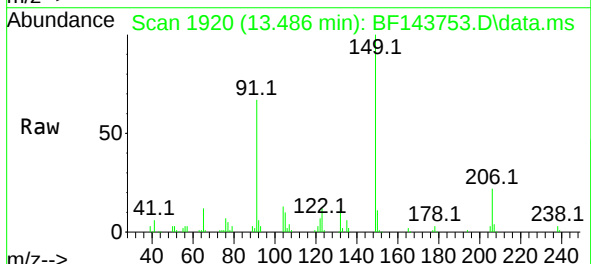
Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

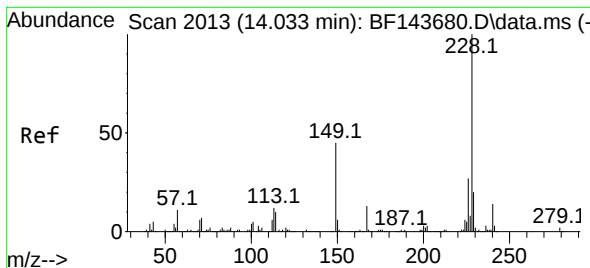
Tgt Ion:244 Resp: 123883
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 10.4 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 62.295 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.017 min
 Lab File: BF143753.D
 Acq: 15 Sep 2025 15:51

Tgt Ion:149 Resp: 56066
 Ion Ratio Lower Upper
 149 100
 91 66.7 50.9 76.3
 206 22.4 18.2 27.2





#81

Benzo(a)anthracene

Concen: 53.433 ng

RT: 14.062 min Scan# 2011

Delta R.T. 0.029 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

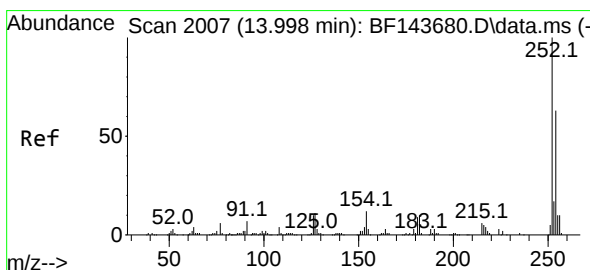
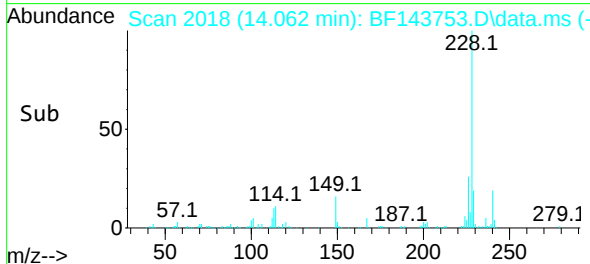
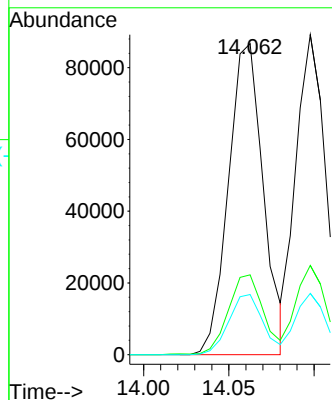
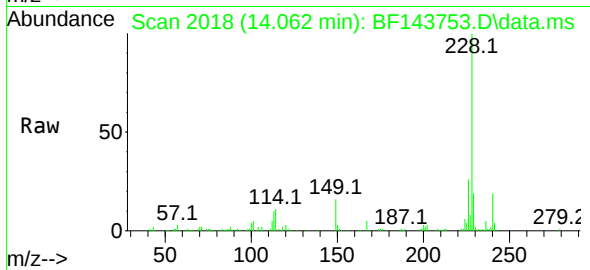
Tgt Ion:228 Resp: 123501

Ion Ratio Lower Upper

228 100

226 25.7 21.6 32.4

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 19.246 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.023 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

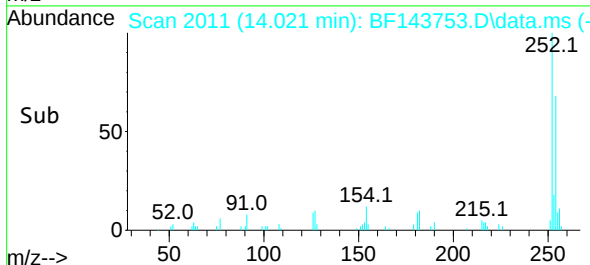
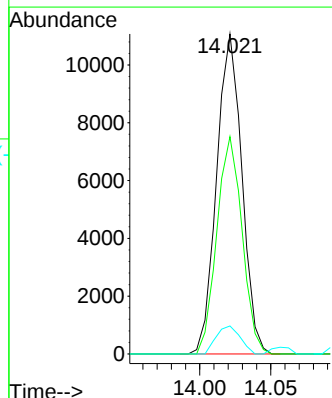
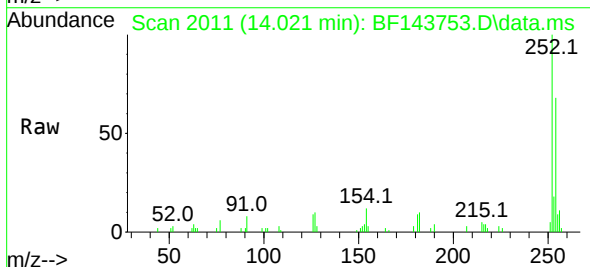
Tgt Ion:252 Resp: 13685

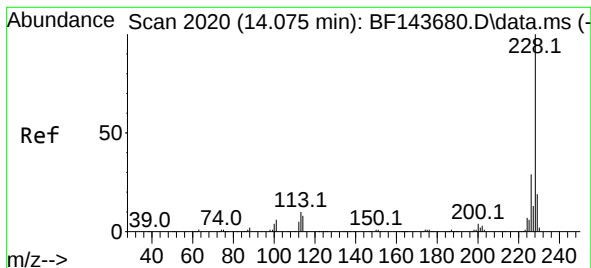
Ion Ratio Lower Upper

252 100

254 67.9 50.5 75.7

126 8.8 8.2 12.4





#83

Chrysene

Concen: 50.703 ng

RT: 14.098 min Scan# 2016

Delta R.T. 0.023 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

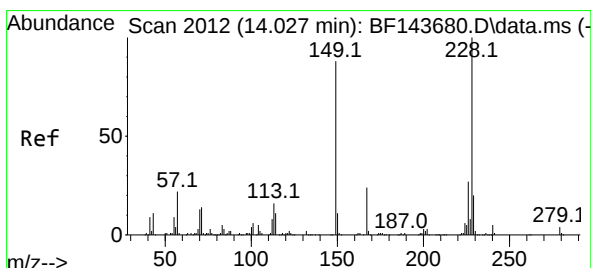
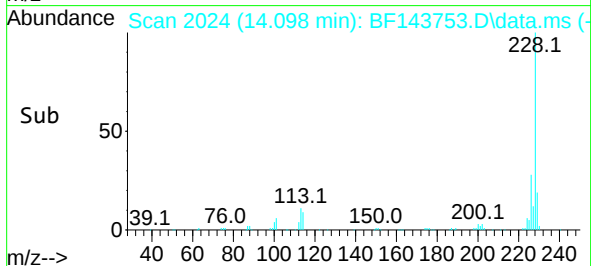
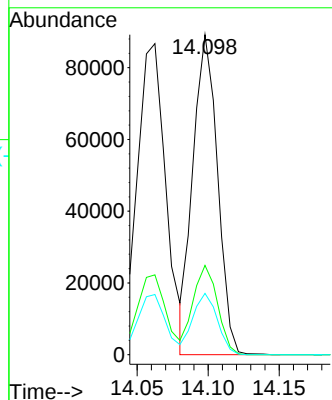
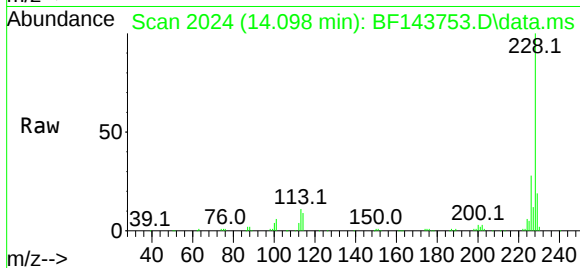
Tgt Ion:228 Resp: 107333

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

229 19.1 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.280 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.023 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

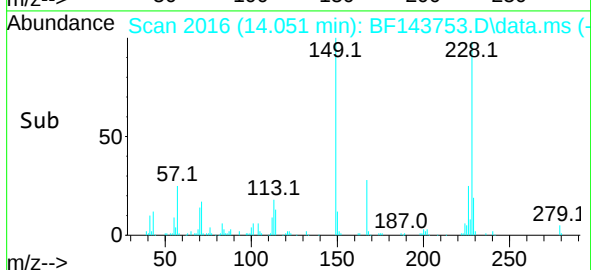
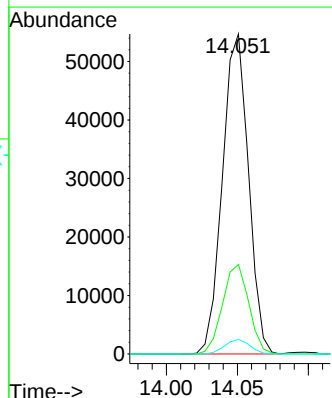
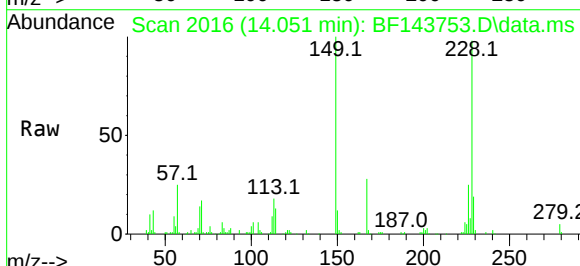
Tgt Ion:149 Resp: 69704

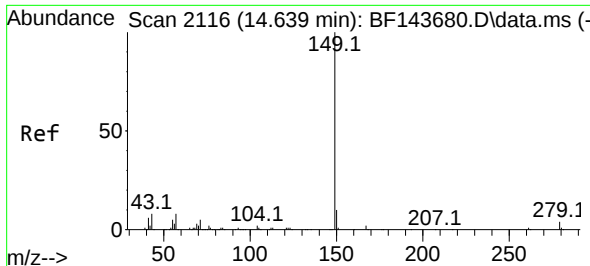
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 4.5 3.5 5.3

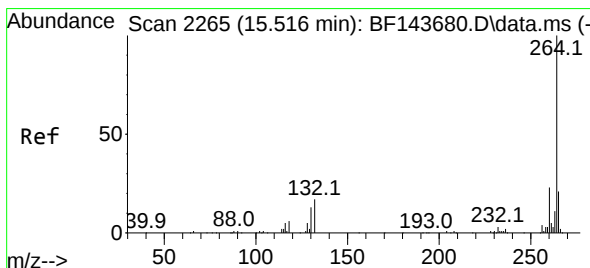
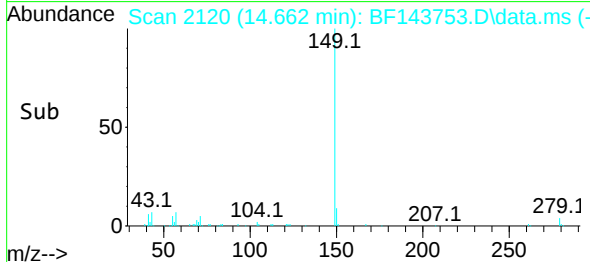
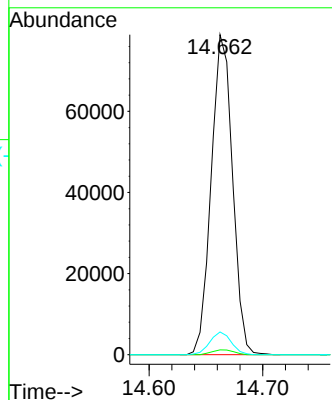
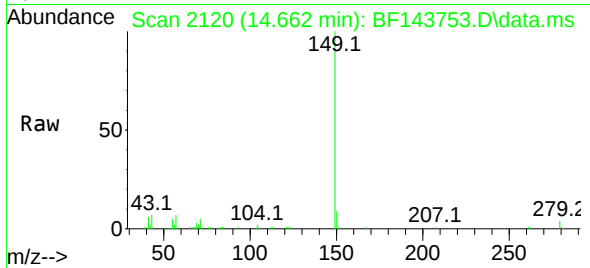




#85
Di-n-octyl phthalate
Concen: 44.689 ng
RT: 14.662 min Scan# 2116
Delta R.T. 0.023 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

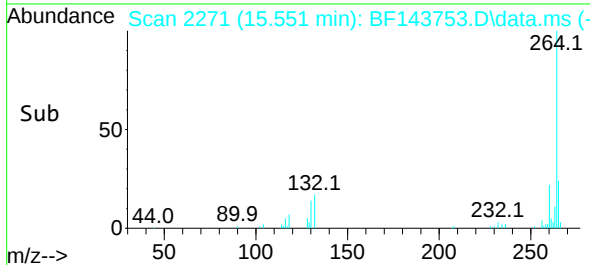
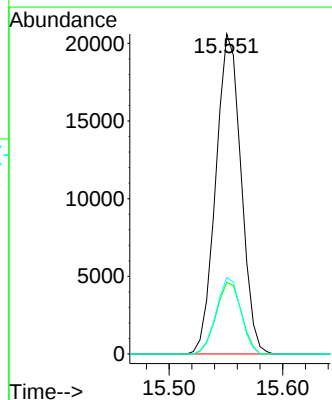
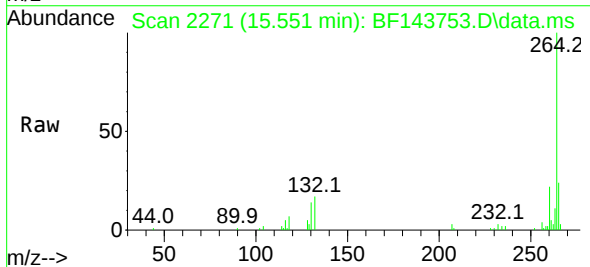
Instrument :
BNA_F
ClientSampleId :
PB169696BS

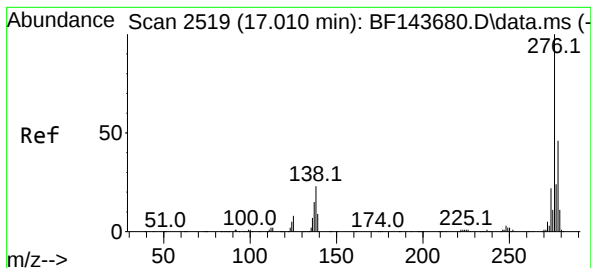
Tgt Ion:149 Resp: 102838
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.2 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.035 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:264 Resp: 31814
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 23.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.029 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

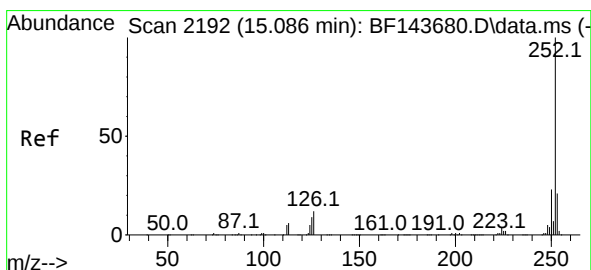
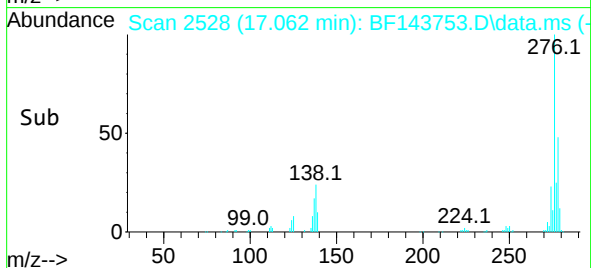
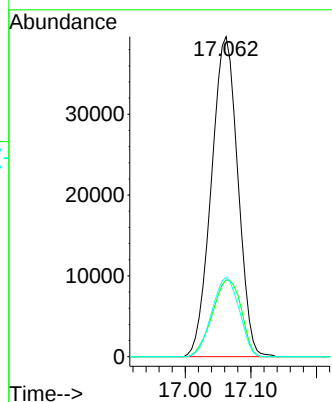
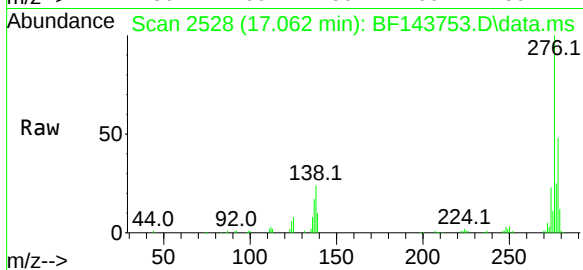
Tgt Ion:276 Resp: 110797

Ion Ratio Lower Upper

276 100

138 26.3 19.7 29.5

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.370 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.029 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

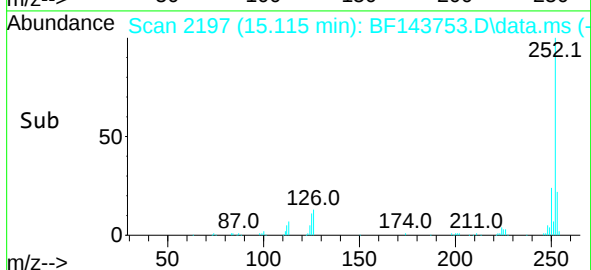
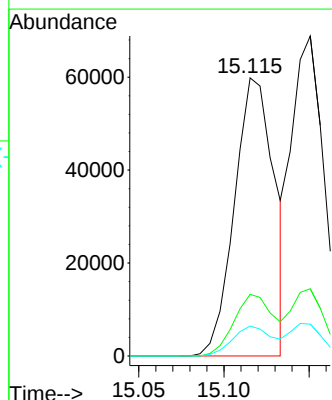
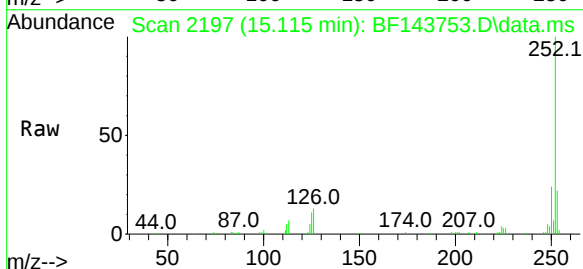
Tgt Ion:252 Resp: 97286

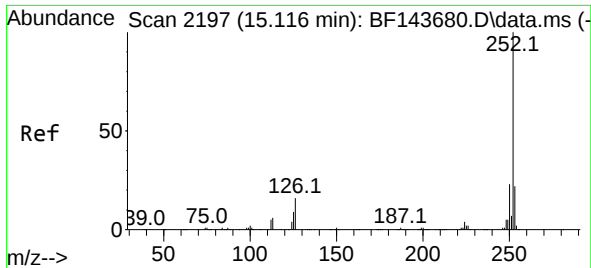
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 10.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.075 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB169696BS

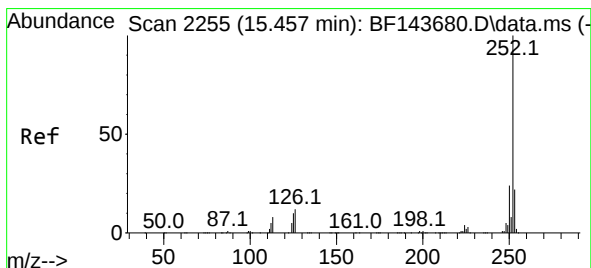
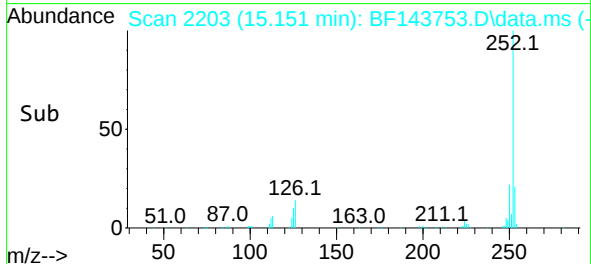
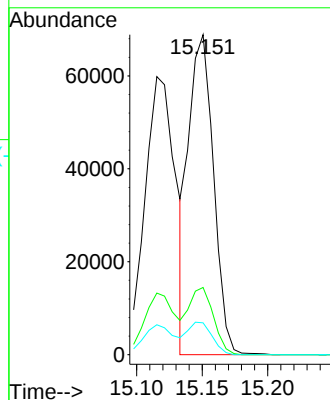
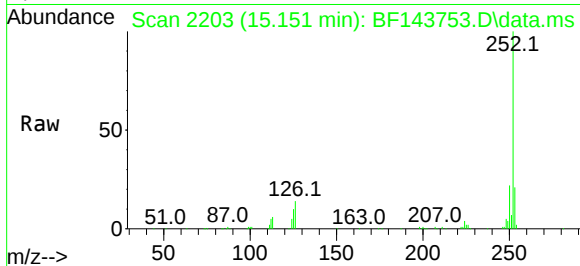
Tgt Ion:252 Resp: 90715

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

125 10.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 52.481 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.035 min

Lab File: BF143753.D

Acq: 15 Sep 2025 15:51

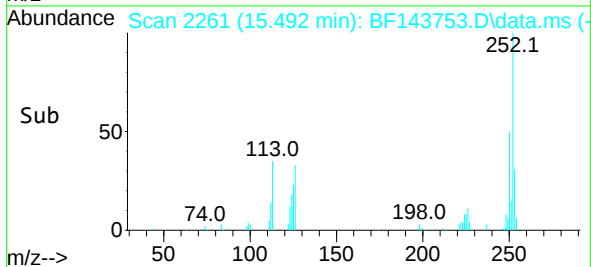
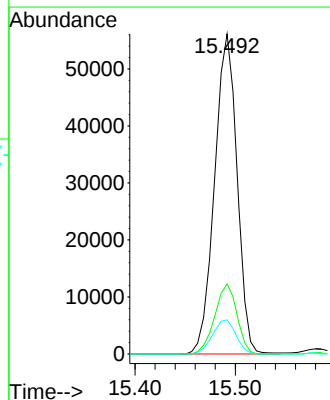
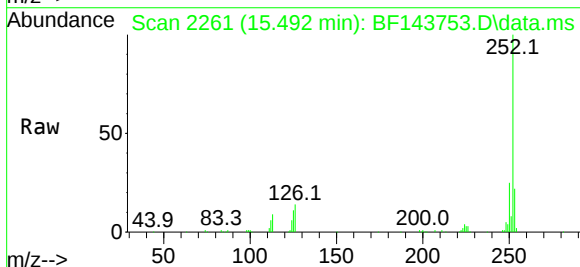
Tgt Ion:252 Resp: 87317

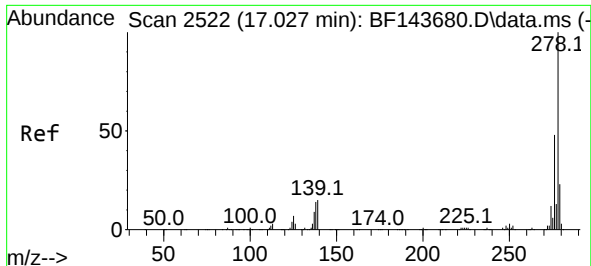
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.7 8.2 12.4

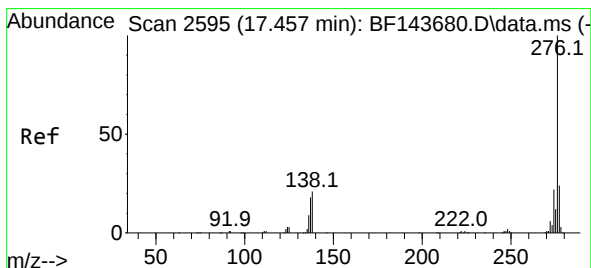
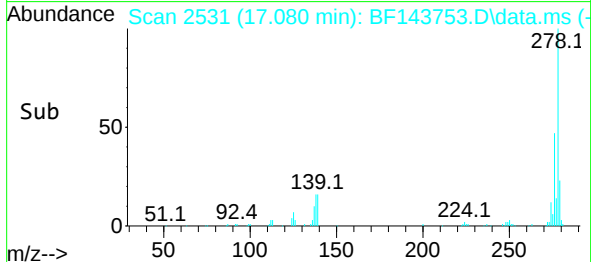
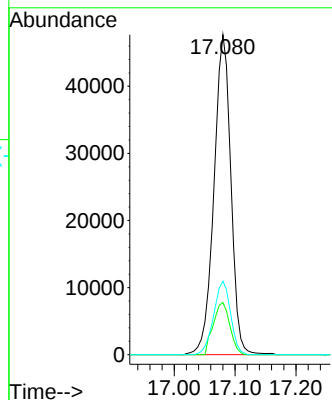
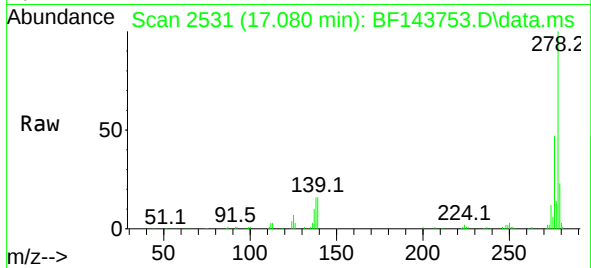




#91
Dibenzo(a,h)anthracene
Concen: 51.162 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB169696BS

Tgt Ion:278 Resp: 92163
Ion Ratio Lower Upper
278 100
139 16.3 12.2 18.4
279 23.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 52.559 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.059 min
Lab File: BF143753.D
Acq: 15 Sep 2025 15:51

Tgt Ion:276 Resp: 88561
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 23.1 17.0 25.4

