

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143986.D
 Acq On : 17 Oct 2025 15:40
 Operator : RC/JU
 Sample : PB170149BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BS

Quant Time: Oct 17 16:02:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	119613	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	469641	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	253761	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	406747	20.000	ng	0.00
76) Chrysene-d12	14.063	240	226465	20.000	ng	0.00
86) Perylene-d12	15.545	264	234681	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	878218	116.593	ng	0.01
7) Phenol-d6	6.510	99	1052867	117.269	ng	0.00
23) Nitrobenzene-d5	7.445	82	664727	85.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	323303	127.914	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1242585	77.697	ng	-0.01
79) Terphenyl-d14	13.004	244	1244240	93.900	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.734	88	140569	40.329	ng 97
3) Pyridine	3.493	79	409763	40.382	ng 98
4) n-Nitrosodimethylamine	3.440	42	242588	45.446	ng 93
6) Aniline	6.546	93	443773	32.985	ng 96
8) 2-Chlorophenol	6.669	128	342953	46.579	ng 98
9) Benzaldehyde	6.434	77	197925	28.578	ng 100
10) Phenol	6.528	94	474884	44.242	ng 97
11) bis(2-Chloroethyl)ether	6.616	93	376125	45.362	ng 97
12) 1,3-Dichlorobenzene	6.822	146	395974	44.928	ng 99
13) 1,4-Dichlorobenzene	6.898	146	397304	45.700	ng 99
14) 1,2-Dichlorobenzene	7.051	146	385869	46.338	ng 99
15) Benzyl Alcohol	7.022	79	319011	47.422	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	890500	47.182	ng 99
17) 2-Methylphenol	7.134	107	279373	45.912	ng 100
18) Hexachloroethane	7.393	117	130930	45.158	ng 99
19) n-Nitroso-di-n-propyla...	7.298	70	263165	42.822	ng 99
20) 3+4-Methylphenols	7.287	107	306085	43.402	ng # 77
22) Acetophenone	7.293	105	463756	46.701	ng 96
24) Nitrobenzene	7.463	77	400095	46.607	ng 98
25) Isophorone	7.704	82	735284	45.111	ng 99
26) 2-Nitrophenol	7.781	139	194242	52.778	ng 99
27) 2,4-Dimethylphenol	7.816	122	323512	48.865	ng 98
28) bis(2-Chloroethoxy)met...	7.910	93	465686	45.230	ng 98
29) 2,4-Dichlorophenol	8.022	162	301846	43.770	ng 98
30) 1,2,4-Trichlorobenzene	8.104	180	317324	46.787	ng 98
31) Naphthalene	8.187	128	927411	43.411	ng 99
32) Benzoic acid	7.945	122	236400	51.594	ng 97
33) 4-Chloroaniline	8.234	127	129982	16.223	ng 98
34) Hexachlorobutadiene	8.304	225	211371	44.849	ng 99
35) Caprolactam	8.651	113	32107	14.643	ng 98
36) 4-Chloro-3-methylphenol	8.716	107	294449	44.450	ng 99
37) 2-Methylnaphthalene	8.881	142	573213	40.280	ng 98
38) 1-Methylnaphthalene	8.981	142	581830	42.151	ng 98
40) 1,2,4,5-Tetrachloroben...	9.045	216	339557	48.414	ng 98
41) Hexachlorocyclopentadiene	9.034	237	331838	114.047	ng 99
43) 2,4,6-Trichlorophenol	9.157	196	225079	43.922	ng 95

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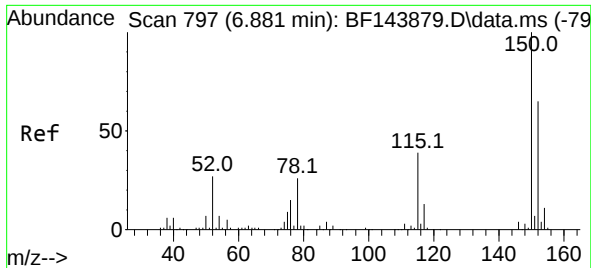
Quant Time: Oct 17 16:02:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	242240	44.731	ng	97
46) 1,1'-Biphenyl	9.345	154	802867	47.786	ng	98
47) 2-Chloronaphthalene	9.369	162	617349	44.071	ng	97
48) 2-Nitroaniline	9.463	65	216788	48.950	ng	99
49) Acenaphthylene	9.786	152	962639	48.881	ng	100
50) Dimethylphthalate	9.645	163	728428	45.202	ng	99
51) 2,6-Dinitrotoluene	9.710	165	158142	52.922	ng	95
52) Acenaphthene	9.957	154	599506	46.458	ng	99
53) 3-Nitroaniline	9.875	138	98293	26.864	ng	97
54) 2,4-Dinitrophenol	9.986	184	156080	84.272	ng	93
55) Dibenzofuran	10.134	168	785957	43.147	ng	99
56) 4-Nitrophenol	10.039	139	229223	82.740	ng	95
57) 2,4-Dinitrotoluene	10.116	165	209585	51.548	ng	99
58) Fluorene	10.475	166	592656	43.118	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	179157	46.735	ng	91
60) Diethylphthalate	10.345	149	657488	43.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	318770	43.865	ng	98
62) 4-Nitroaniline	10.492	138	152195	43.256	ng	96
63) Azobenzene	10.628	77	707147	45.195	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	116178	56.838	ng	99
66) n-Nitrosodiphenylamine	10.586	169	600218	46.997	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	216520	48.167	ng	98
68) Hexachlorobenzene	11.022	284	249347	47.913	ng	100
69) Atrazine	11.116	200	187550	48.451	ng	95
70) Pentachlorophenol	11.222	266	255856	85.603	ng	98
71) Phenanthrene	11.439	178	894044	45.339	ng	100
72) Anthracene	11.492	178	914080	45.885	ng	100
73) Carbazole	11.645	167	799634	45.322	ng	98
74) Di-n-butylphthalate	11.975	149	951680	46.541	ng	99
75) Fluoranthene	12.633	202	910295	44.691	ng	99
77) Benzidine	12.751	184	211474	26.893	ng	98
78) Pyrene	12.863	202	909507	48.173	ng	99
80) Butylbenzylphthalate	13.480	149	309626	50.496	ng	99
81) Benzo(a)anthracene	14.051	228	734276	49.546	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	126915	28.101	ng	99
83) Chrysene	14.092	228	619350	45.154	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	370575	50.136	ng	98
85) Di-n-octyl phthalate	14.651	149	618496	50.947	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	819010	56.955	ng	99
88) Benzo(b)fluoranthene	15.110	252	644361	47.798	ng	99
89) Benzo(k)fluoranthene	15.139	252	547384	43.882	ng	99
90) Benzo(a)pyrene	15.486	252	587474	50.258	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	677197	58.555	ng	99
92) Benzo(g,h,i)perylene	17.509	276	679031	58.713	ng	98

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

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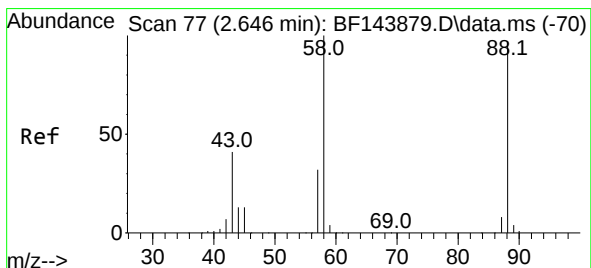
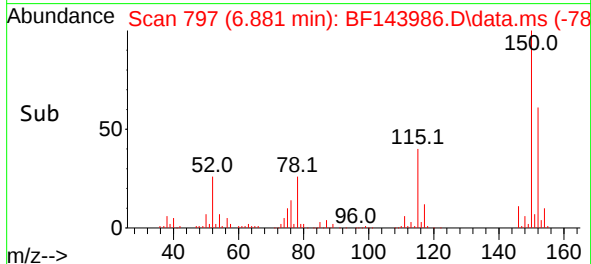
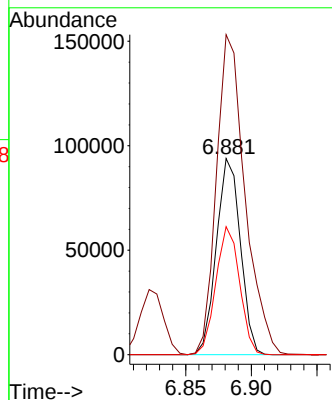
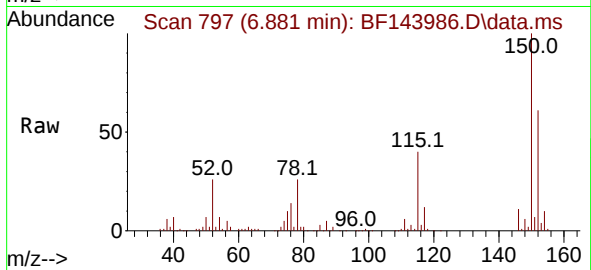




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

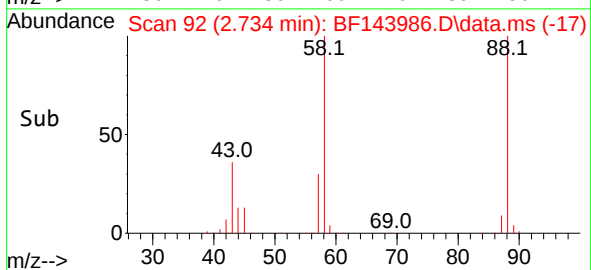
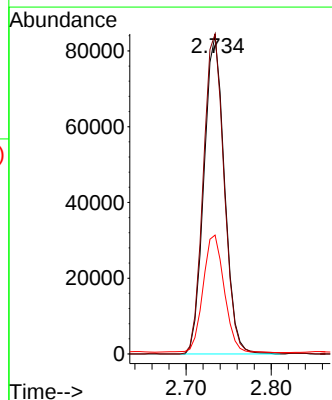
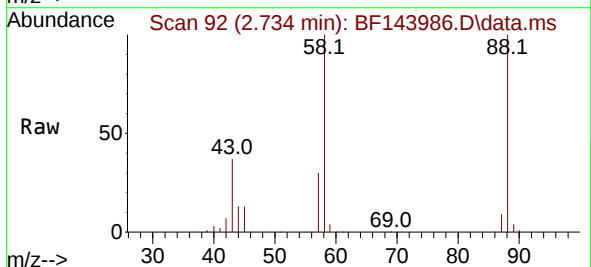
Instrument :
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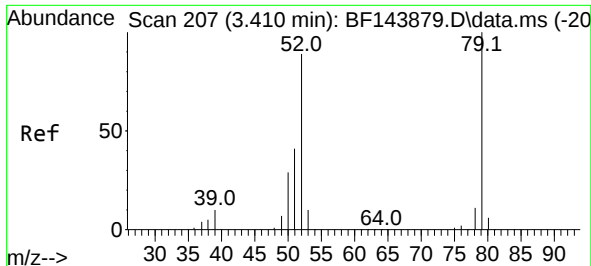
Tgt Ion:152 Resp: 119613
 Ion Ratio Lower Upper
 152 100
 150 163.1 124.4 186.6
 115 65.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 40.329 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.088 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

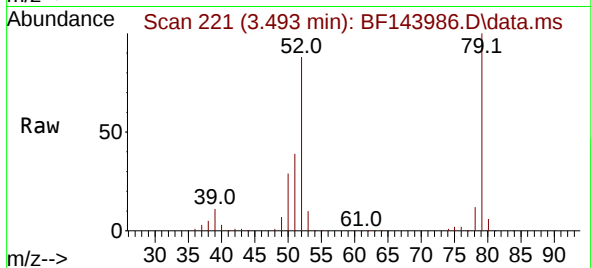
Tgt Ion: 88 Resp: 140569
 Ion Ratio Lower Upper
 88 100
 58 102.3 83.0 124.6
 43 38.2 33.9 50.9





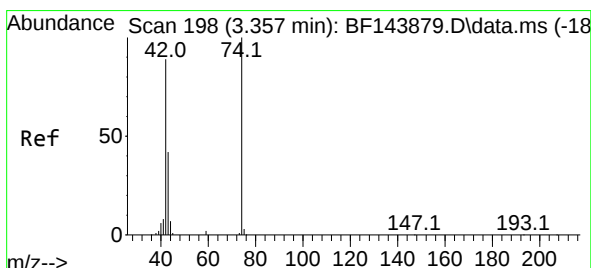
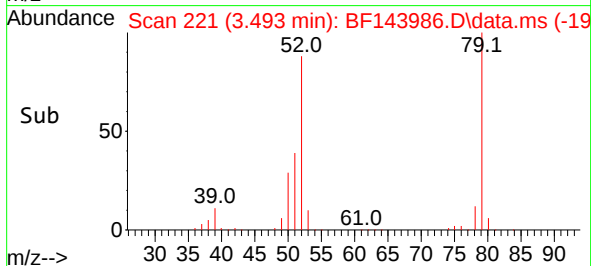
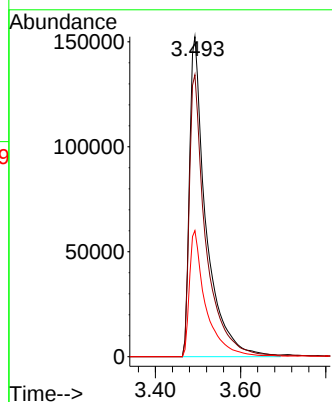
#3
Pyridine
Concen: 40.382 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Instrument :
BNA_F
ClientSampleId :
PB170149BS



Tgt Ion: 79 Resp: 409763

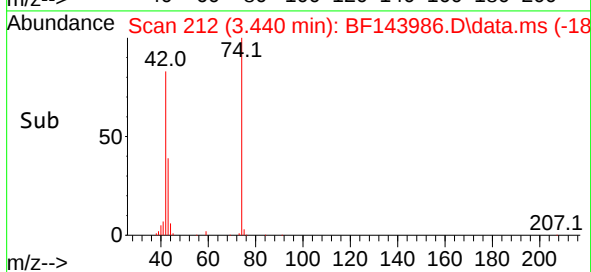
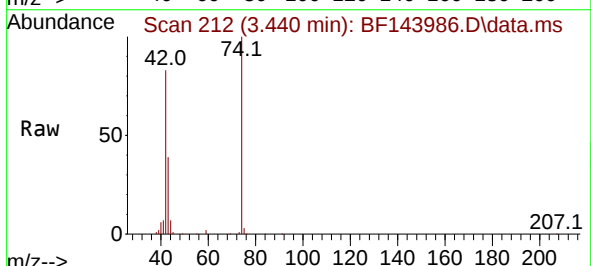
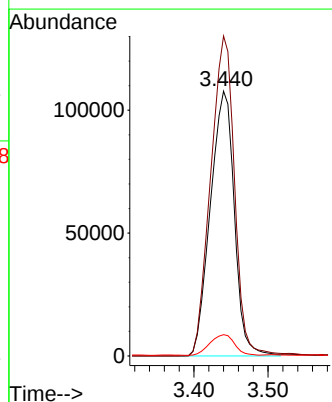
Ion	Ratio	Lower	Upper
79	100		
52	88.1	71.5	107.3
51	39.4	32.9	49.3

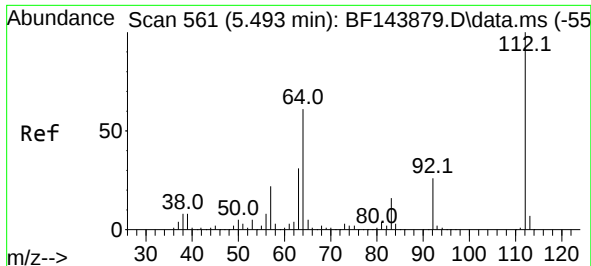


#4
n-Nitrosodimethylamine
Concen: 45.446 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion: 42 Resp: 242588

Ion	Ratio	Lower	Upper
42	100		
74	120.8	90.0	135.0
44	8.0	6.2	9.2

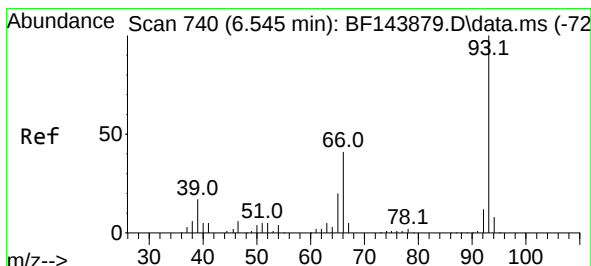
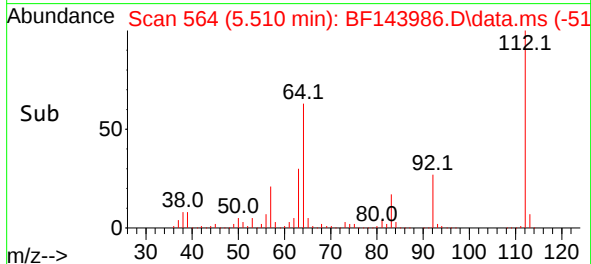
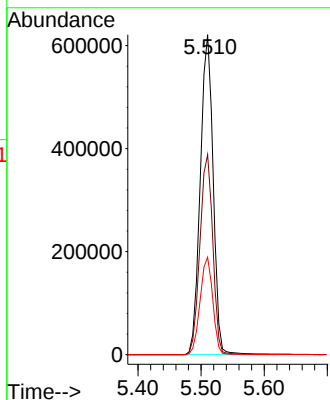
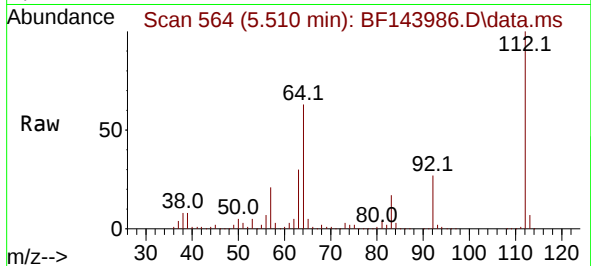




#5
2-Fluorophenol
Concen: 116.593 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

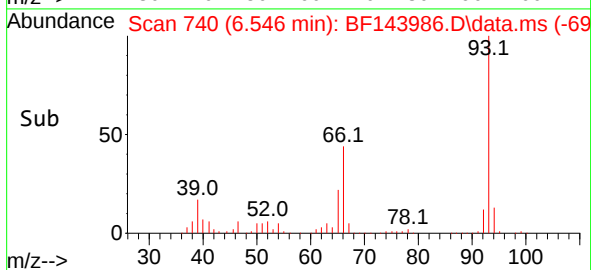
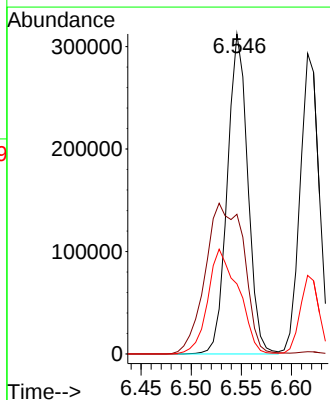
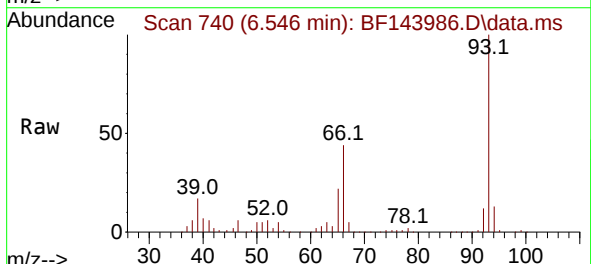
Instrument :
BNA_F
ClientSampleId :
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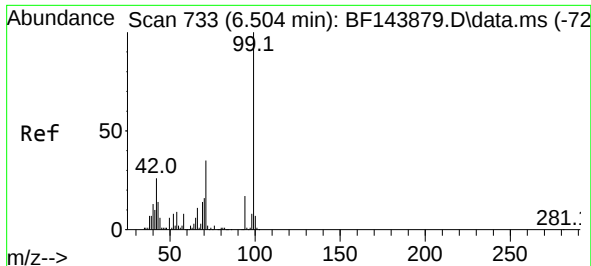
Tgt Ion:112 Resp: 878218
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 30.5 24.5 36.7



#6
Aniline
Concen: 32.985 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion: 93 Resp: 443773
Ion Ratio Lower Upper
93 100
66 43.7 33.0 49.6
65 21.9 15.8 23.8





#7

Phenol-d6

Concen: 117.269 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

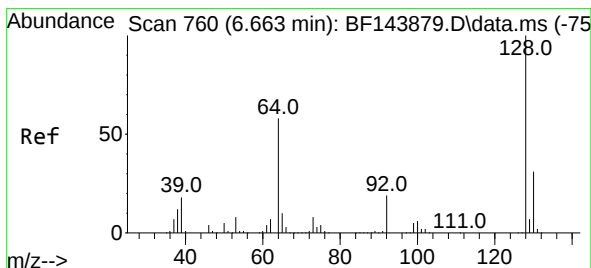
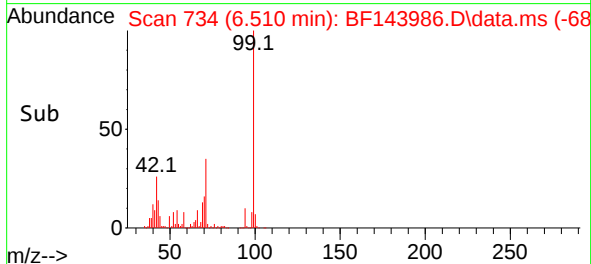
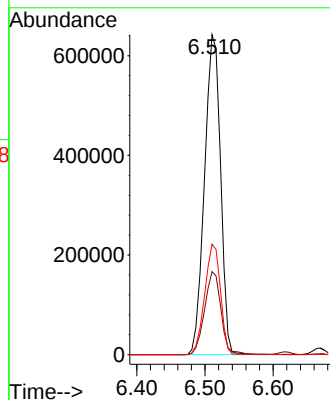
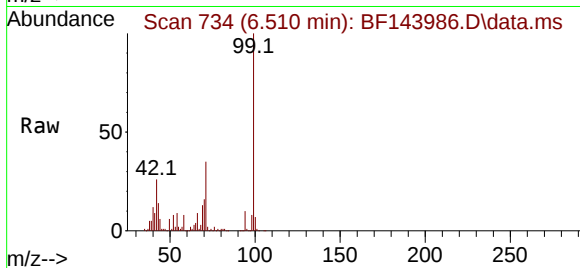
BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 99 Resp: 1052867

Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.0	31.4
71	34.5	27.8	41.8



#8

2-Chlorophenol

Concen: 46.579 ng

RT: 6.669 min Scan# 761

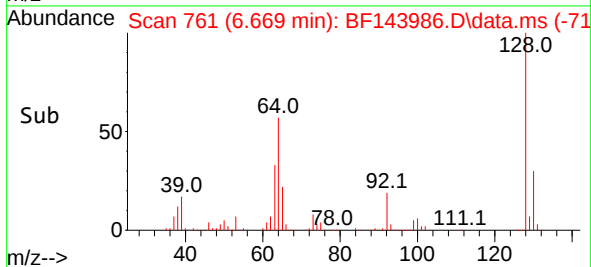
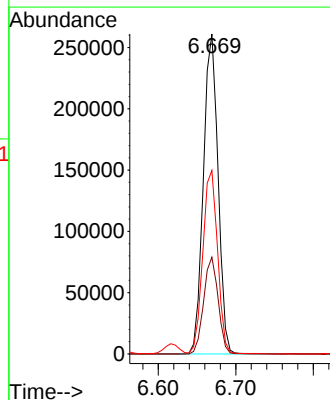
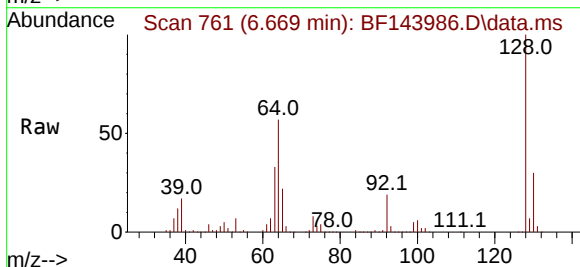
Delta R.T. 0.000 min

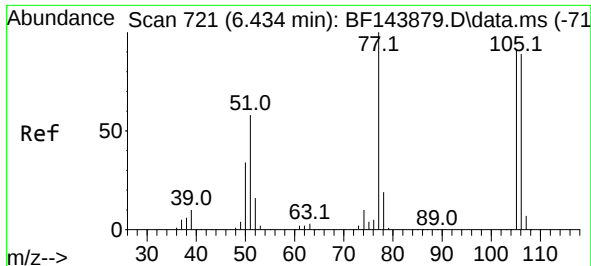
Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:128 Resp: 342953

Ion	Ratio	Lower	Upper
128	100		
130	30.2	10.7	50.7
64	57.4	39.0	79.0





#9

Benzaldehyde

Concen: 28.578 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

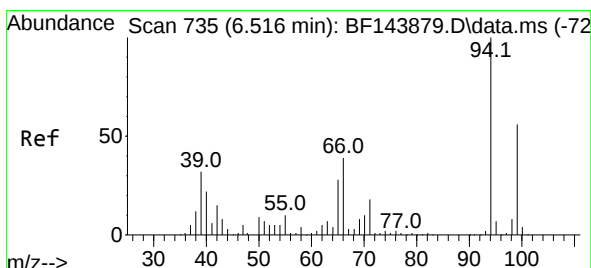
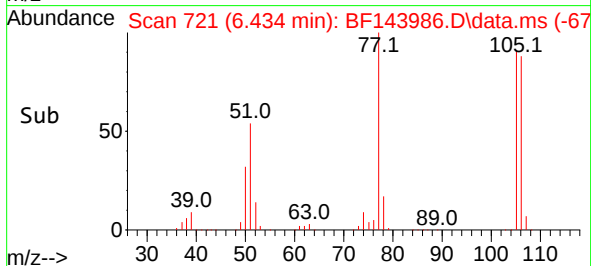
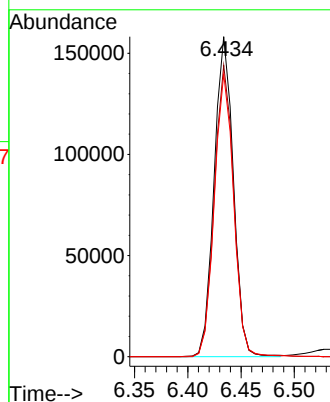
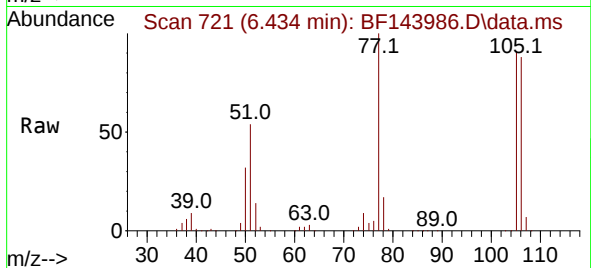
Tgt Ion: 77 Resp: 197925

Ion Ratio Lower Upper

77 100

105 91.1 70.9 110.9

106 88.3 68.9 108.9



#10

Phenol

Concen: 44.242 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

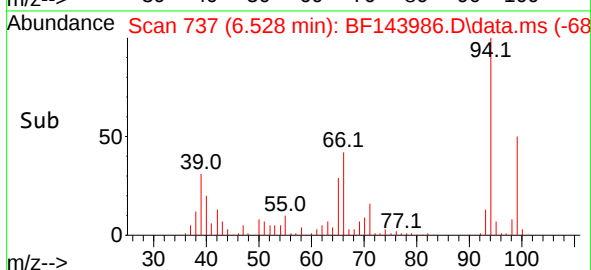
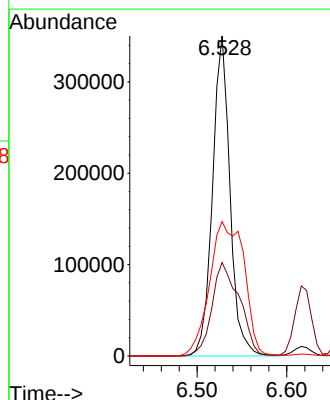
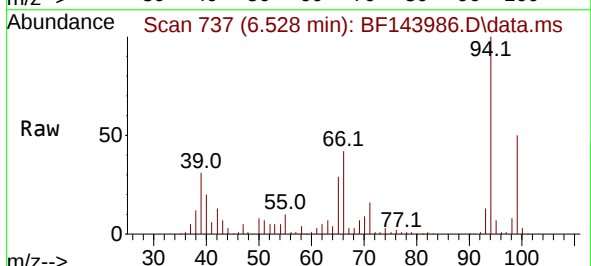
Tgt Ion: 94 Resp: 474884

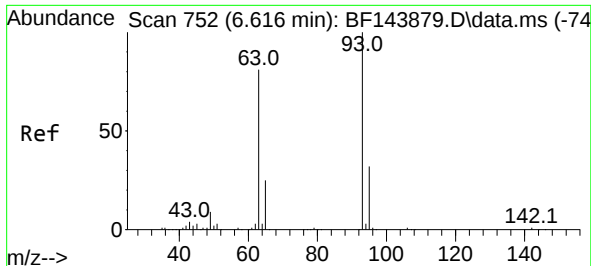
Ion Ratio Lower Upper

94 100

65 29.2 8.5 48.5

66 42.0 19.9 59.9

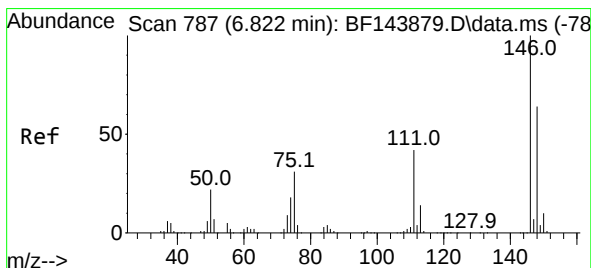
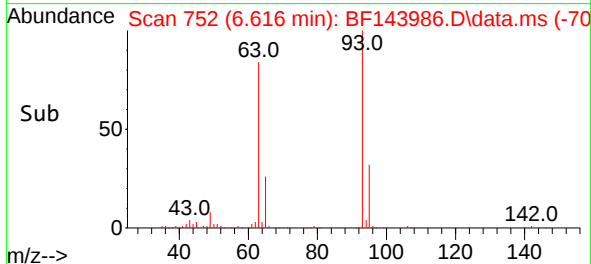
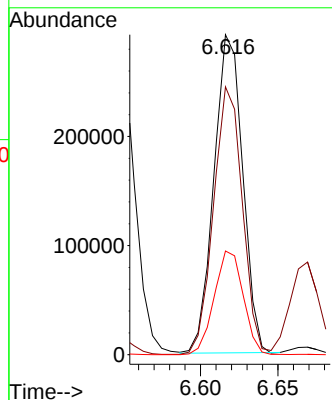
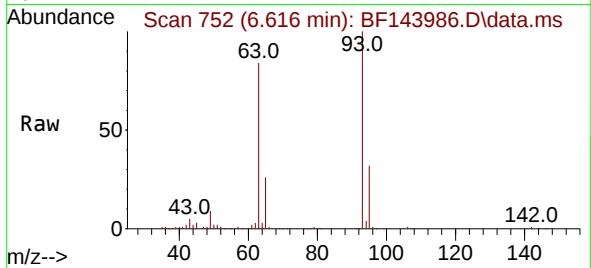




#11
bis(2-Chloroethyl)ether
Concen: 45.362 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

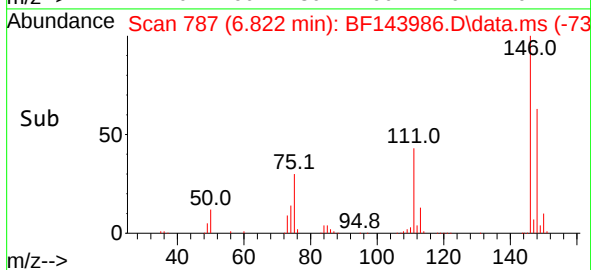
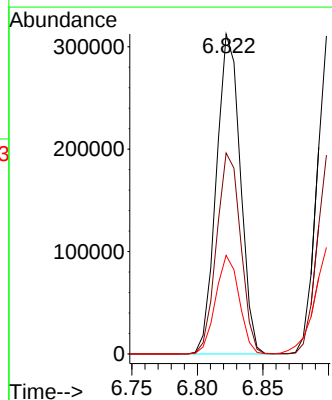
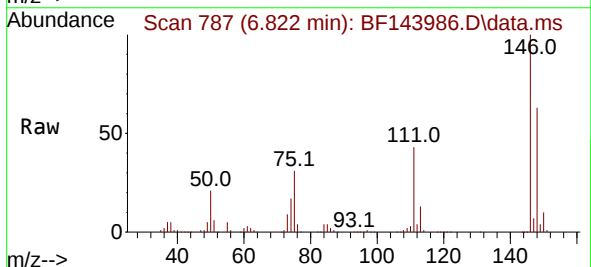
Instrument :
BNA_F
ClientSampleId :
PB170149BS

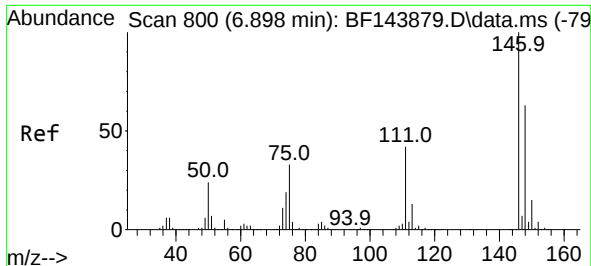
Tgt Ion: 93 Resp: 376125
Ion Ratio Lower Upper
93 100
63 83.7 60.9 100.9
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.928 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:146 Resp: 395974
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.4
75 30.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.700 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

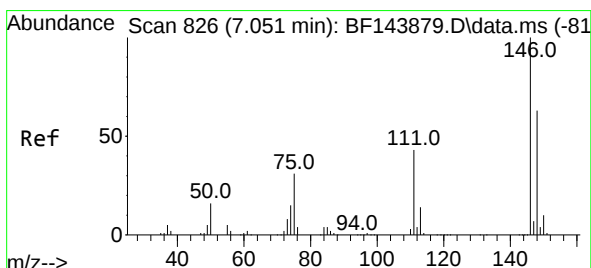
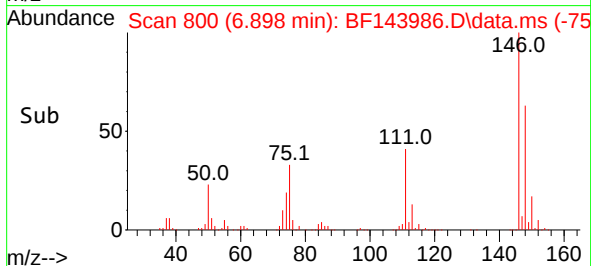
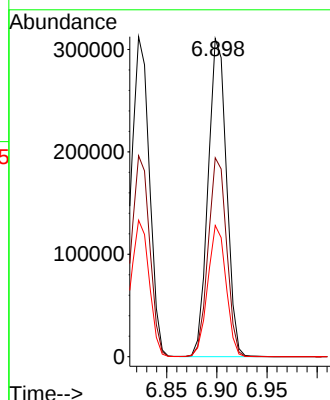
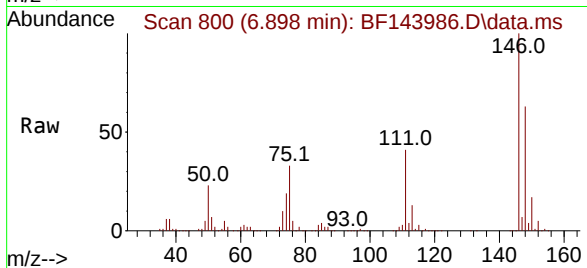
Tgt Ion:146 Resp: 397304

Ion Ratio Lower Upper

146 100

148 62.5 50.5 75.7

111 41.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.338 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

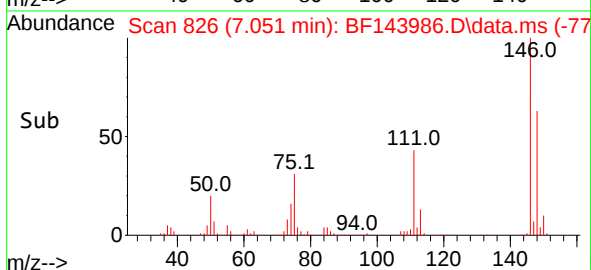
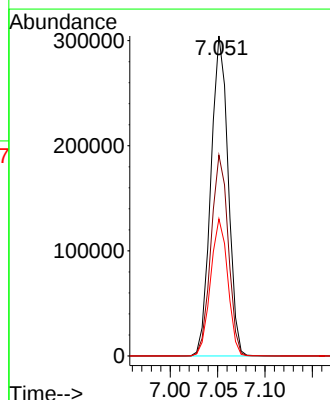
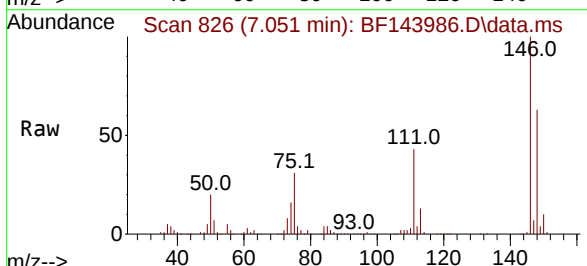
Tgt Ion:146 Resp: 385869

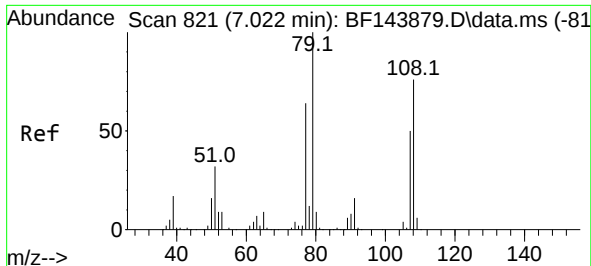
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

111 42.9 34.6 51.8

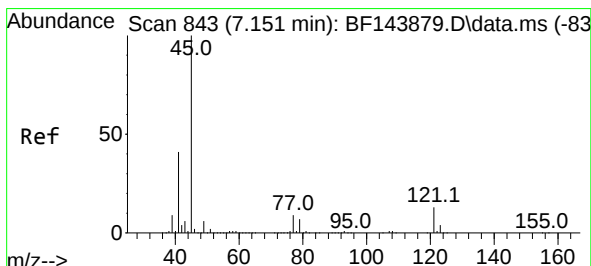
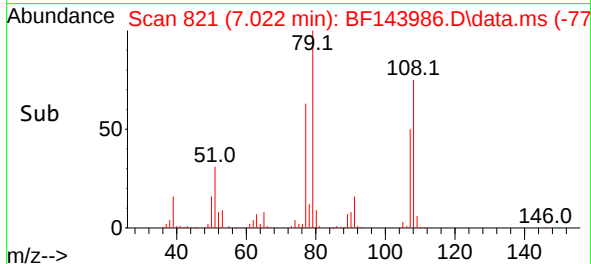
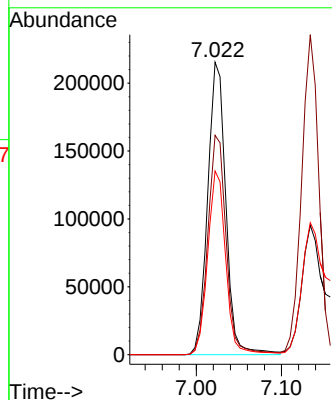
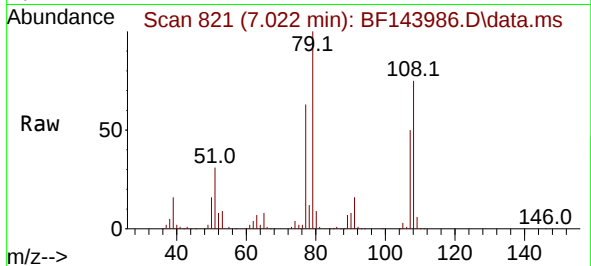




#15
Benzyl Alcohol
Concen: 47.422 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

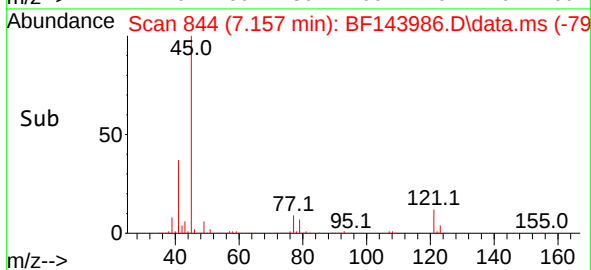
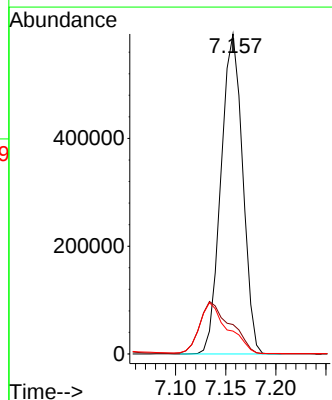
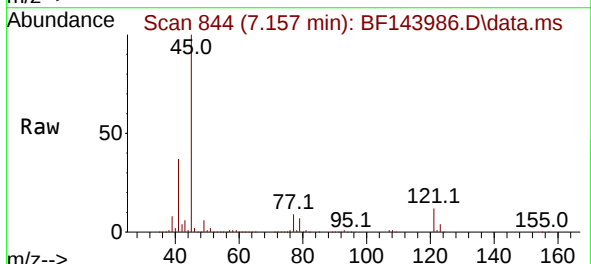
Instrument :
BNA_F
ClientSampleId :
PB170149BS

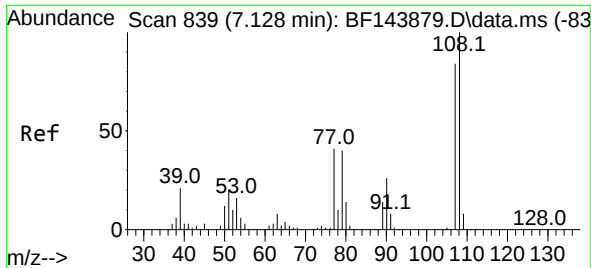
Tgt Ion: 79 Resp: 319011
Ion Ratio Lower Upper
79 100
108 75.0 60.8 91.2
77 62.8 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.182 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion: 45 Resp: 890500
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.0
79 7.2 0.0 26.8

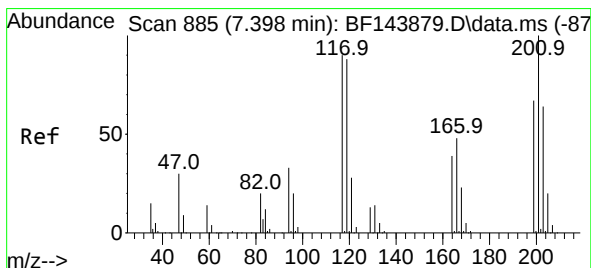
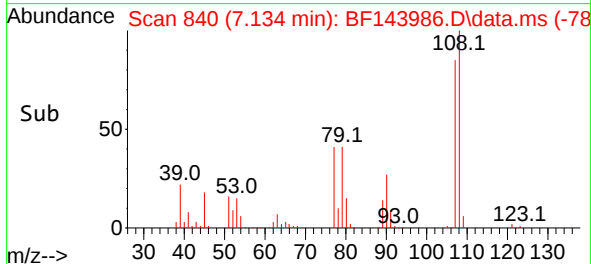
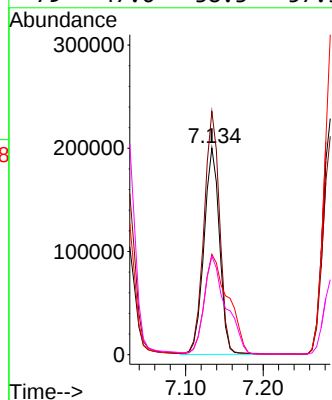
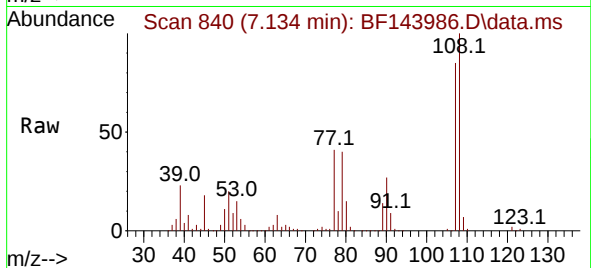




#17
2-Methylphenol
Concen: 45.912 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

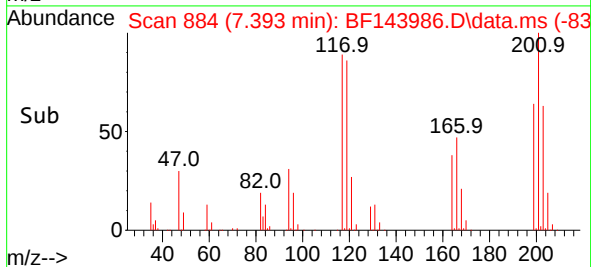
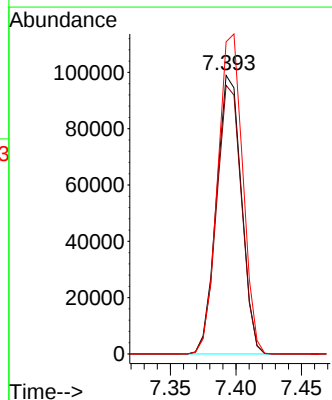
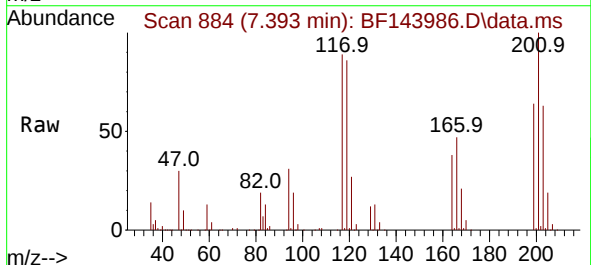
Instrument :
BNA_F
ClientSampleId :
PB170149BS

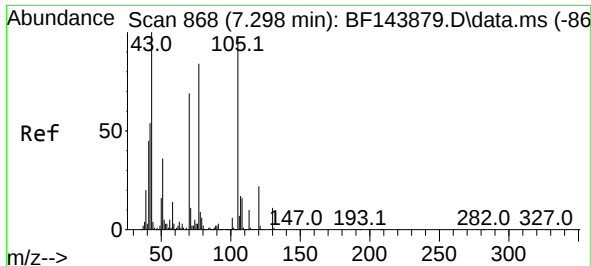
Tgt Ion:107	Resp:	279373
Ion	Ratio	Lower Upper
107	100	
108	117.7	94.7 142.1
77	48.6	38.8 58.2
79	47.6	38.3 57.5



#18
Hexachloroethane
Concen: 45.158 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:117	Resp:	130930
Ion	Ratio	Lower Upper
117	100	
119	96.4	77.8 116.8
201	112.0	88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.822 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 70 Resp: 263165

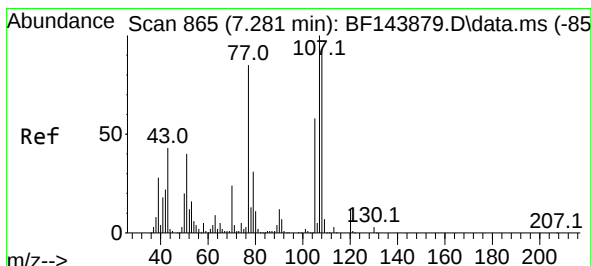
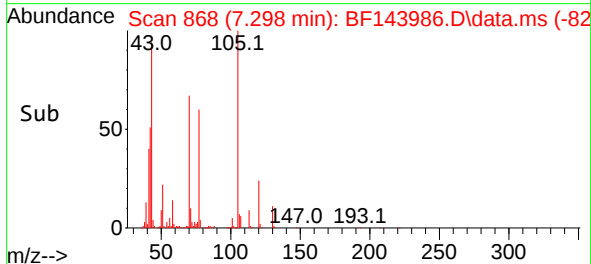
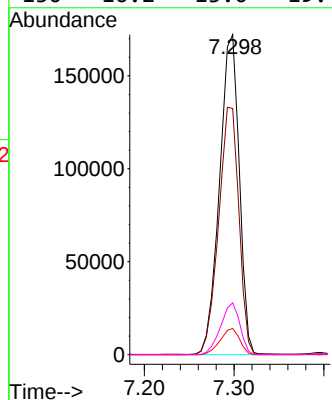
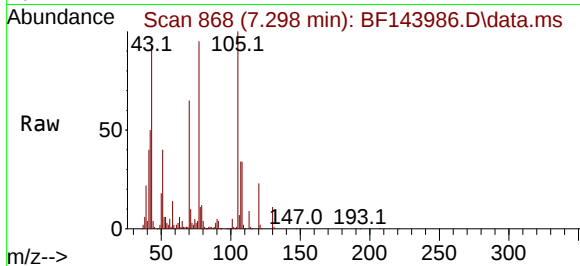
Ion Ratio Lower Upper

70 100

42 77.0 62.8 94.2

101 8.2 6.7 10.1

130 16.2 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.402 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:107 Resp: 306085

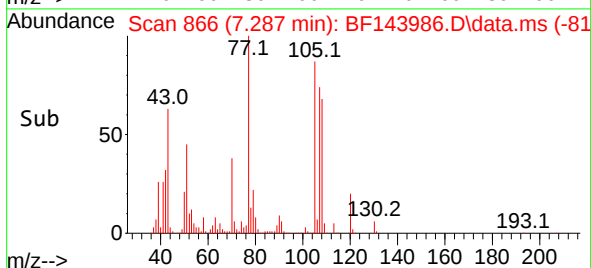
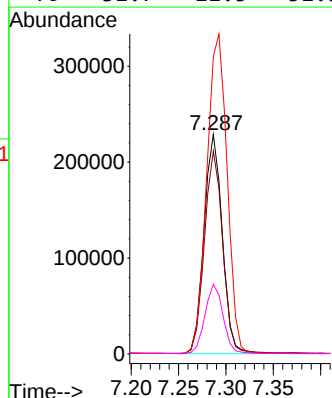
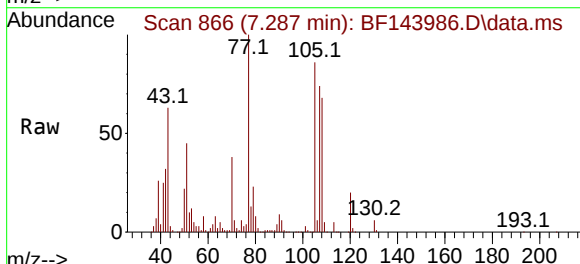
Ion Ratio Lower Upper

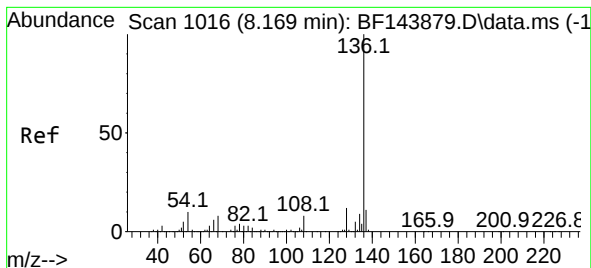
107 100

108 92.4 73.0 113.0

77 135.5 64.6 104.6#

79 31.7 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:136 Resp: 469641

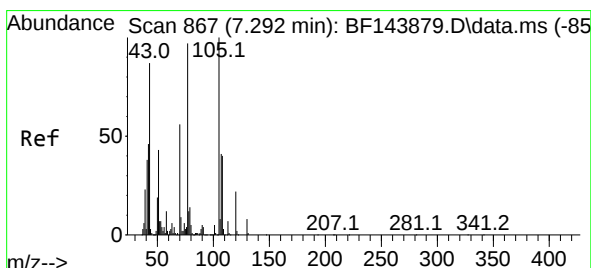
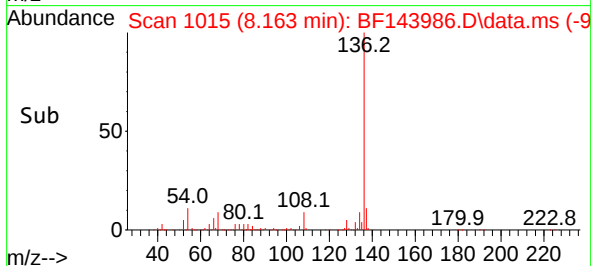
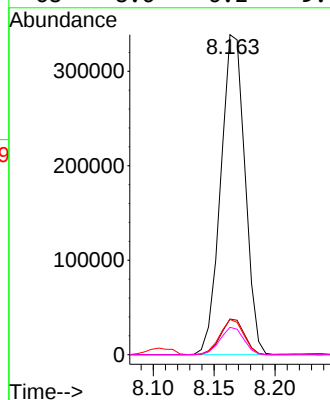
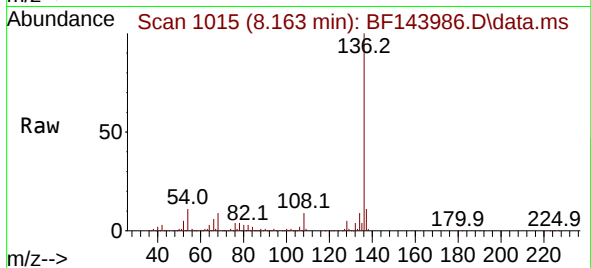
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.0 8.2 12.4

68 8.6 6.2 9.4



#22

Acetophenone

Concen: 46.701 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:105 Resp: 463756

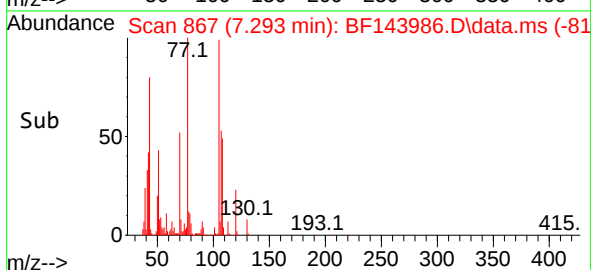
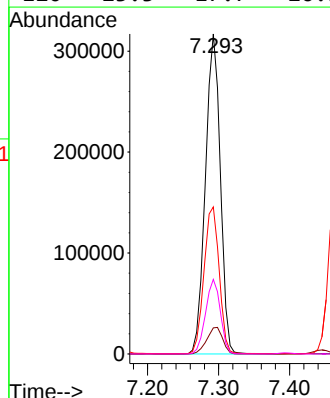
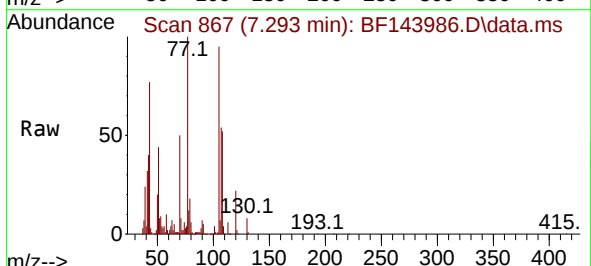
Ion Ratio Lower Upper

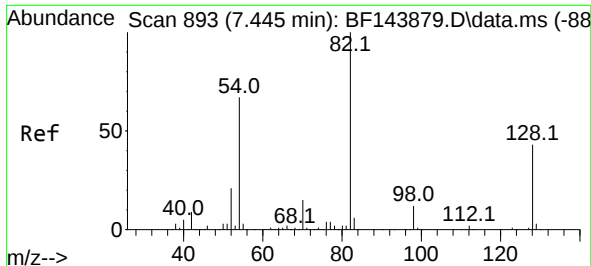
105 100

71 8.1 7.4 11.0

51 45.9 34.2 51.4

120 23.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 85.992 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

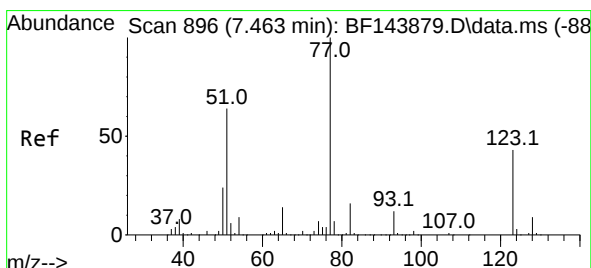
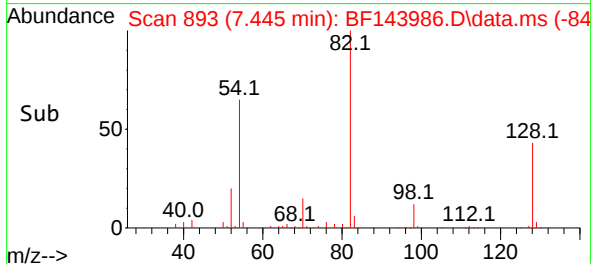
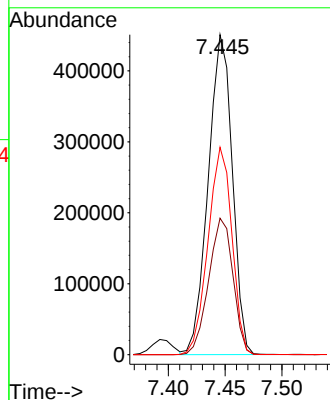
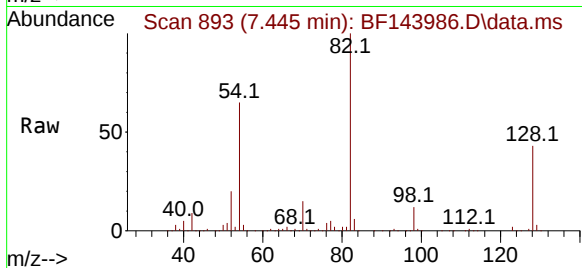
Tgt Ion: 82 Resp: 664727

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

54 64.8 53.2 79.8



#24

Nitrobenzene

Concen: 46.607 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

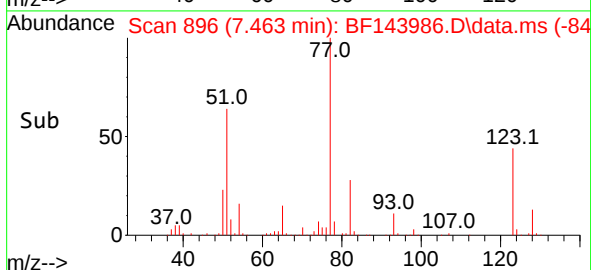
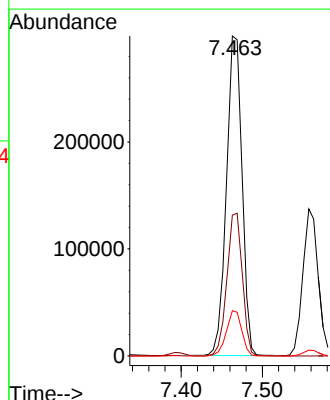
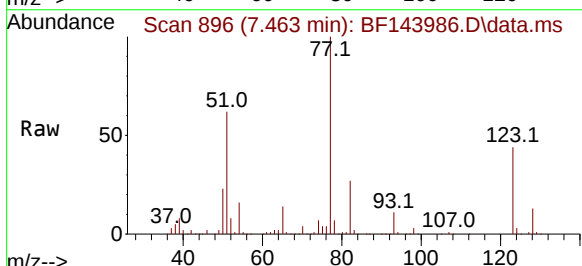
Tgt Ion: 77 Resp: 400095

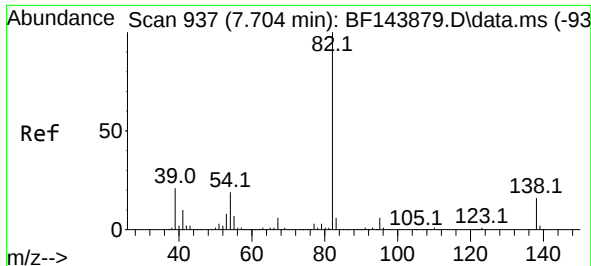
Ion Ratio Lower Upper

77 100

123 44.0 34.2 51.4

65 14.1 11.0 16.6

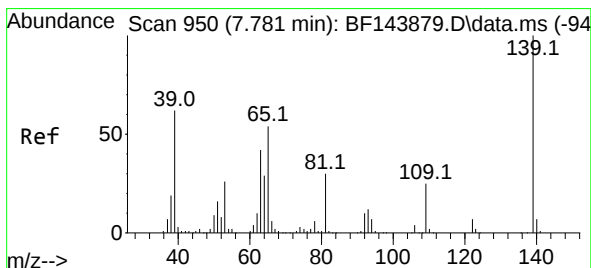
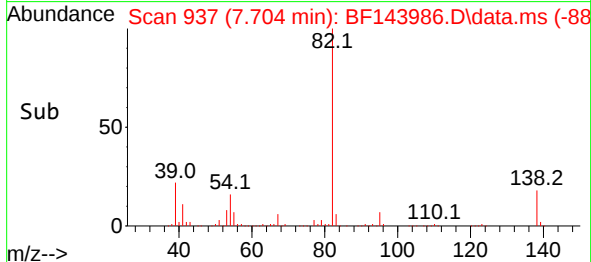
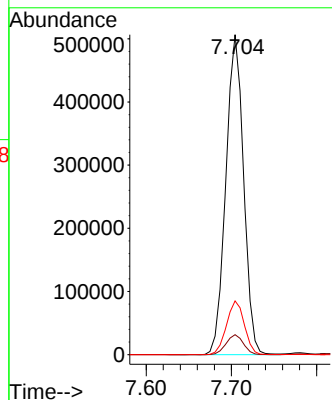
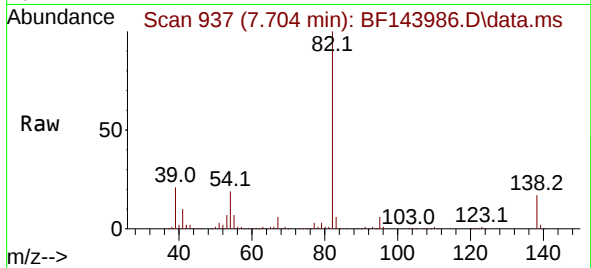




#25
Isophorone
Concen: 45.111 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

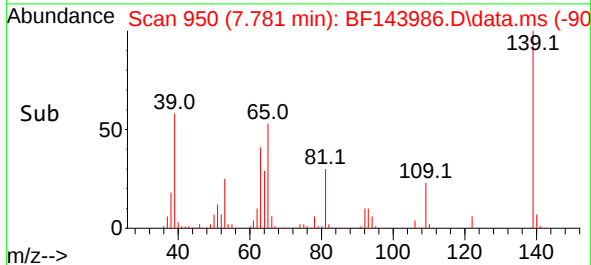
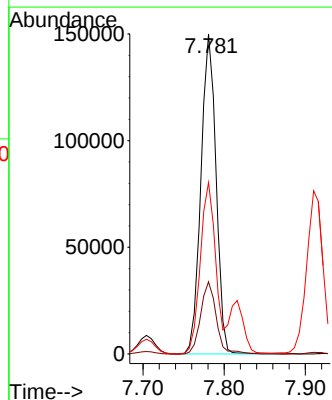
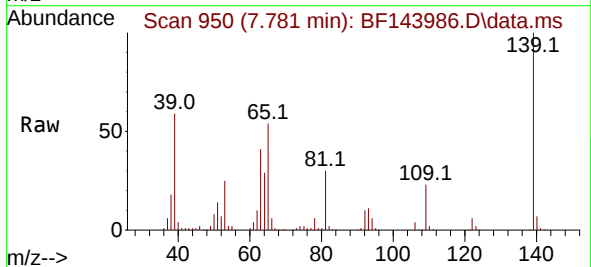
Instrument :
BNA_F
ClientSampleId :
PB170149BS

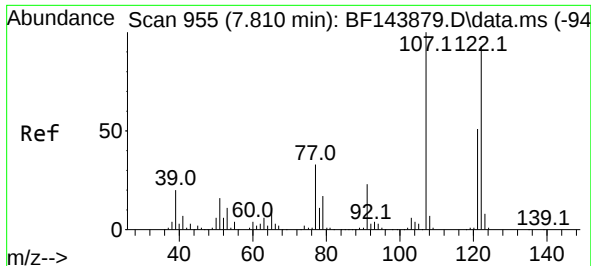
Tgt Ion: 82 Resp: 735284
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 52.778 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:139 Resp: 194242
Ion Ratio Lower Upper
139 100
109 22.6 19.8 29.6
65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.865 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

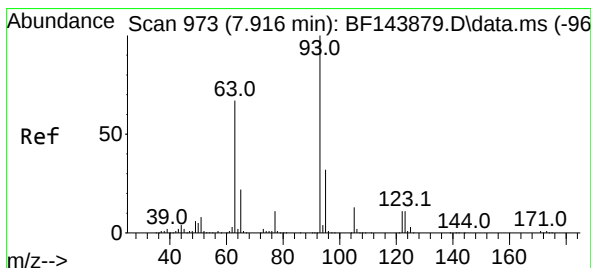
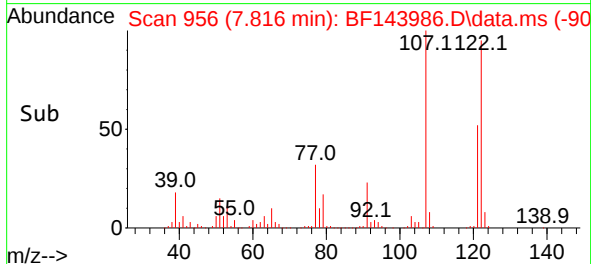
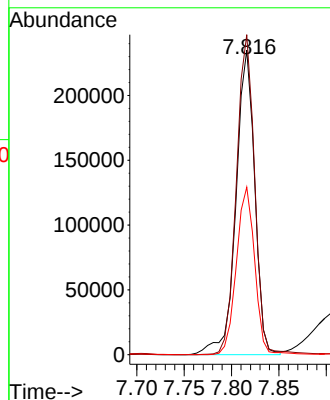
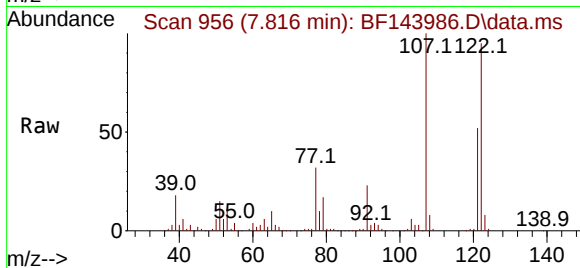
Tgt Ion:122 Resp: 323512

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 55.0 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.230 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

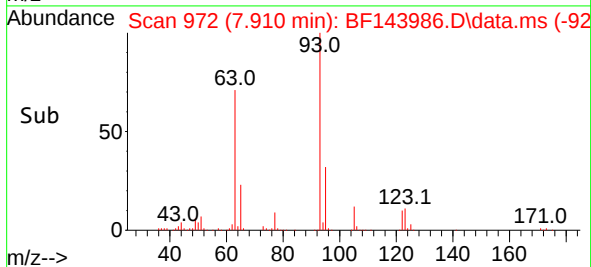
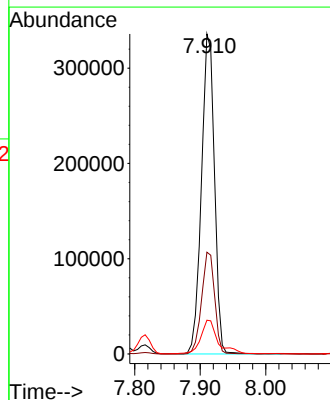
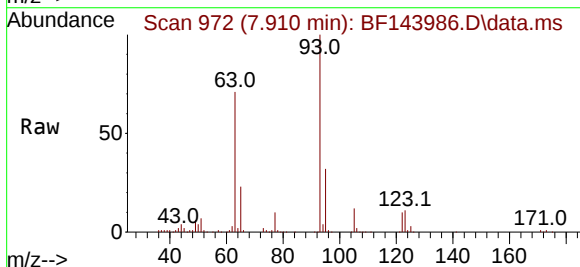
Tgt Ion: 93 Resp: 465686

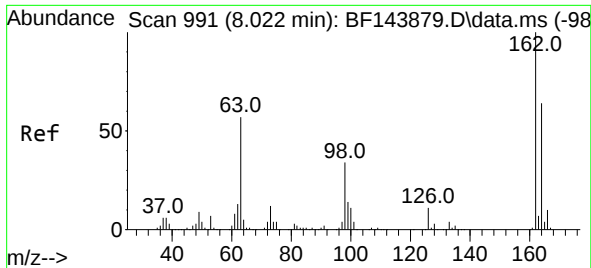
Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

123 10.6 9.4 14.0

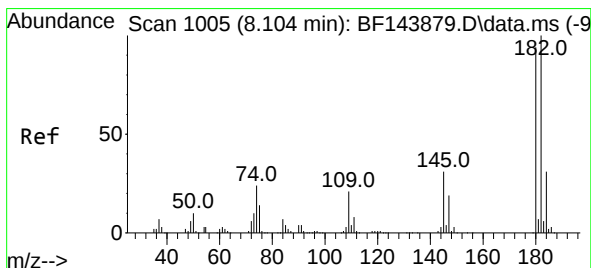
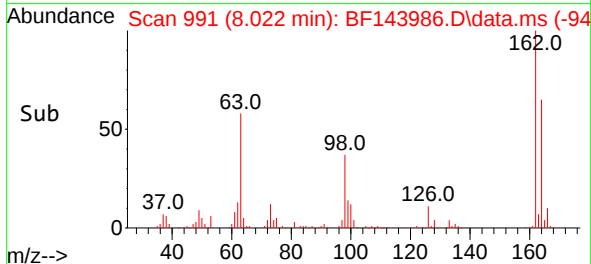
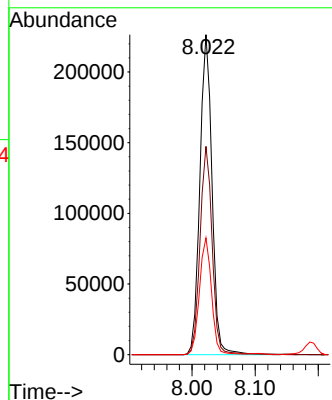
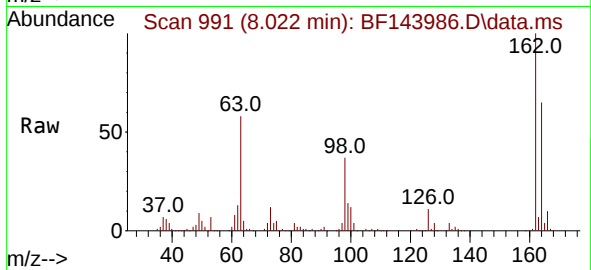




#29
2,4-Dichlorophenol
Concen: 43.770 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

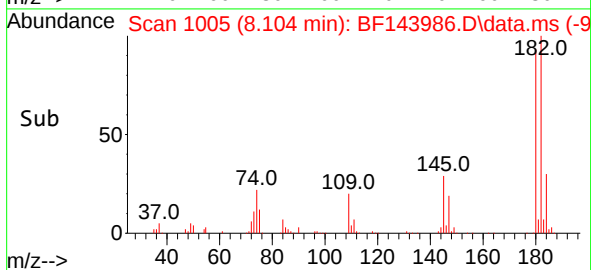
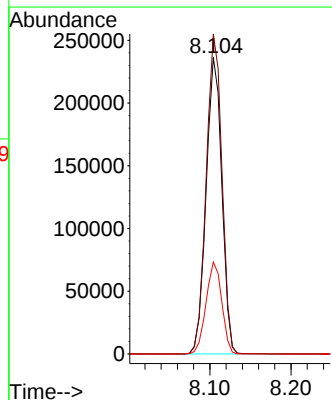
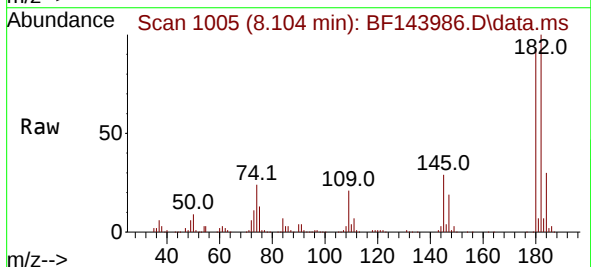
Instrument :
BNA_F
ClientSampleId :
PB170149BS

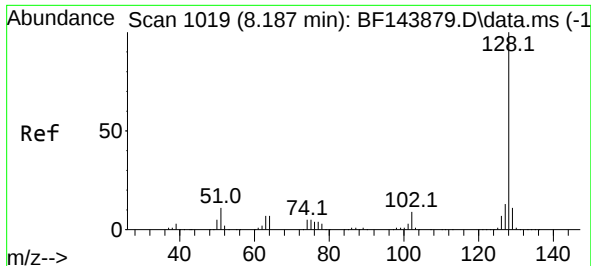
Tgt Ion:162 Resp: 301846
Ion Ratio Lower Upper
162 100
164 65.1 43.9 83.9
98 36.5 14.4 54.4



#30
1,2,4-Trichlorobenzene
Concen: 46.787 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

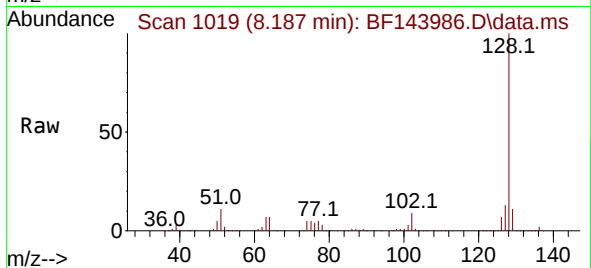
Tgt Ion:180 Resp: 317324
Ion Ratio Lower Upper
180 100
182 107.8 85.4 128.0
145 31.0 26.3 39.5



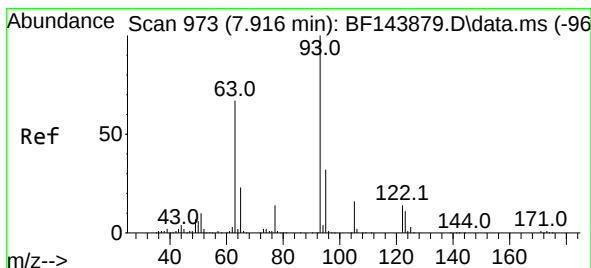
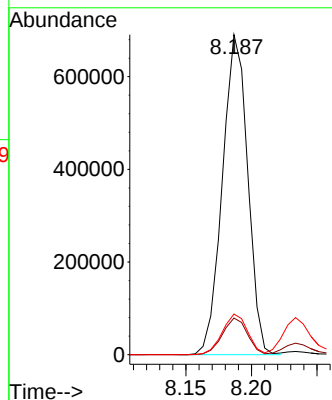
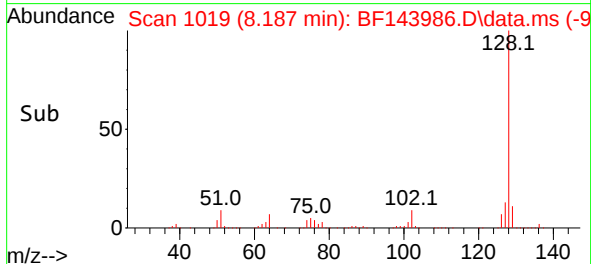


#31
Naphthalene
Concen: 43.411 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

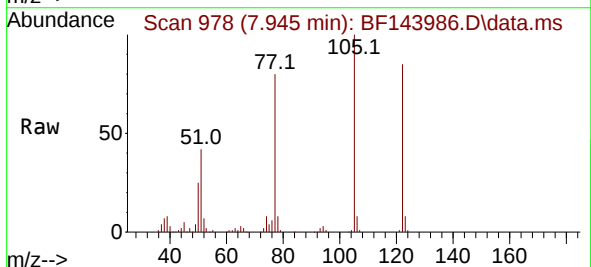
Instrument :
BNA_F
ClientSampleId :
PB170149BS



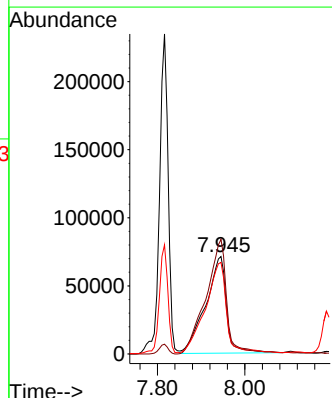
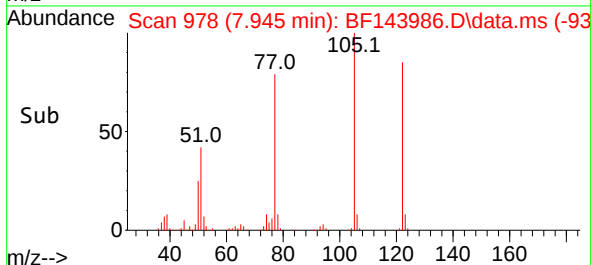
Tgt Ion:128 Resp: 927411
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.7 10.0 15.0

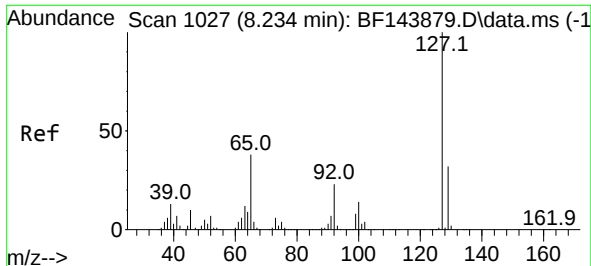


#32
Benzoic acid
Concen: 51.594 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.017 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40



Tgt Ion:122 Resp: 236400
Ion Ratio Lower Upper
122 100
105 117.7 93.5 133.5
77 94.0 76.3 116.3

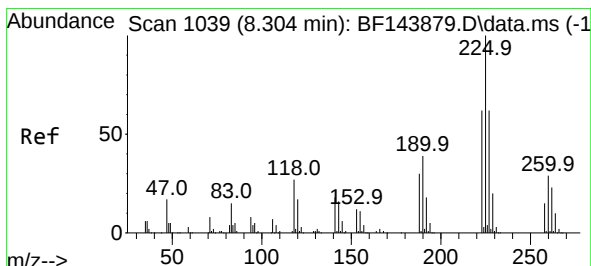
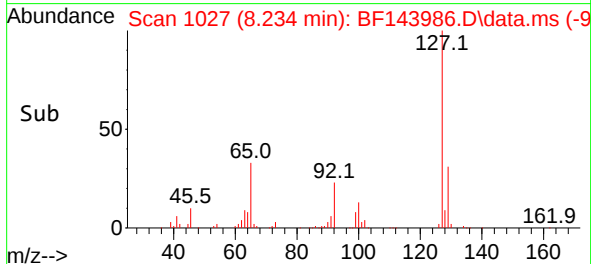
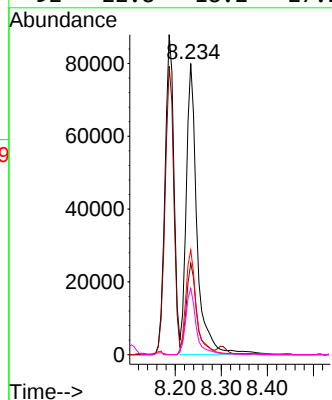
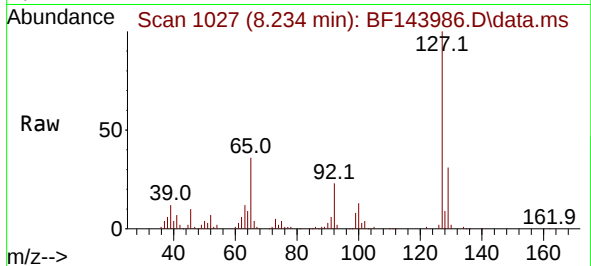




#33
4-Chloroaniline
Concen: 16.223 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

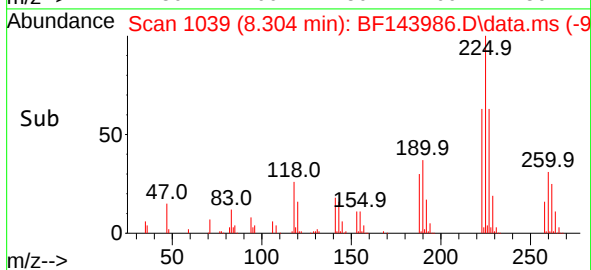
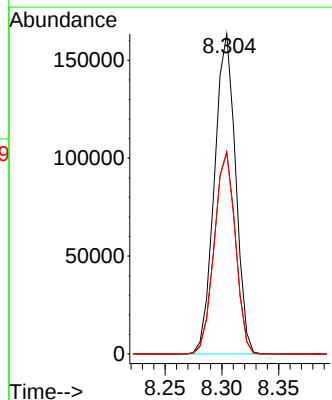
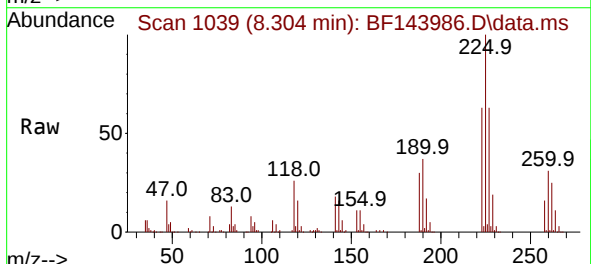
Instrument :
BNA_F
ClientSampleId :
PB170149BS

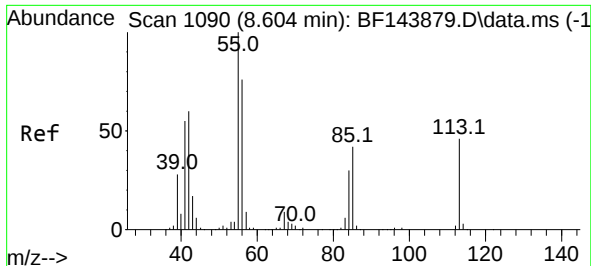
Tgt Ion:	127	Resp:	129982
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	36.0	30.0	45.0
92	22.8	18.2	27.2



#34
Hexachlorobutadiene
Concen: 44.849 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:	225	Resp:	211371
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	62.8	49.7	74.5

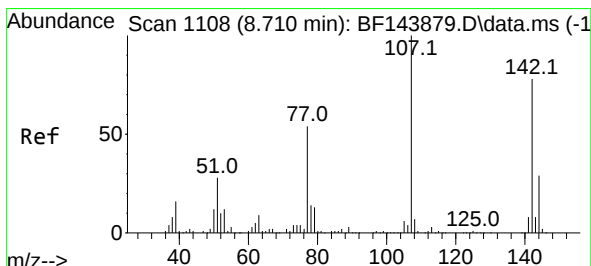
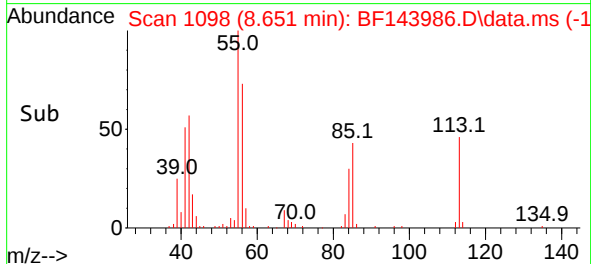
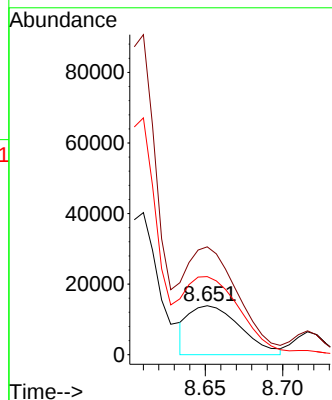
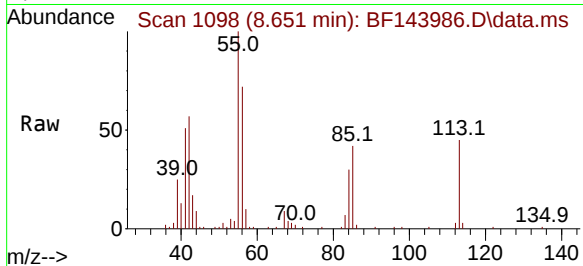




#35
 Caprolactam
 Concen: 14.643 ng
 RT: 8.651 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

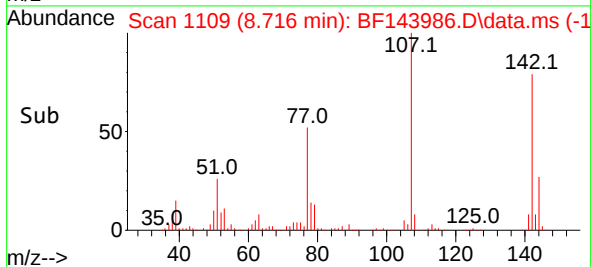
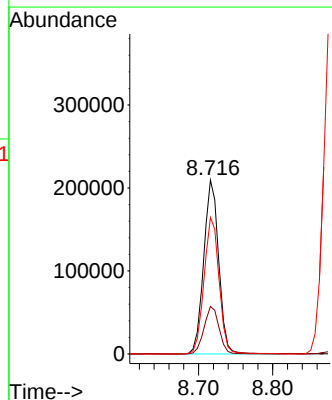
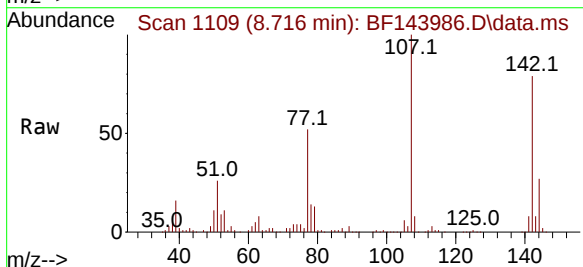
Instrument :
 BNA_F
 ClientSampleId :
 PB170149BS

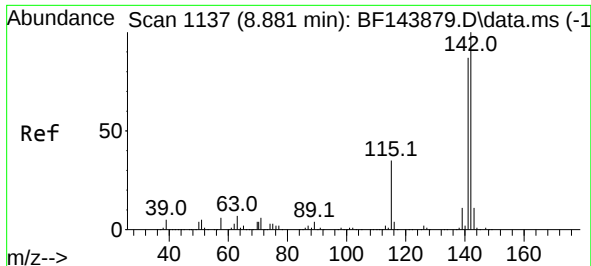
Tgt Ion:113 Resp: 32107
 Ion Ratio Lower Upper
 113 100
 55 220.2 199.6 239.6
 56 159.6 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.450 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

Tgt Ion:107 Resp: 294449
 Ion Ratio Lower Upper
 107 100
 144 27.3 23.1 34.7
 142 78.5 62.6 94.0

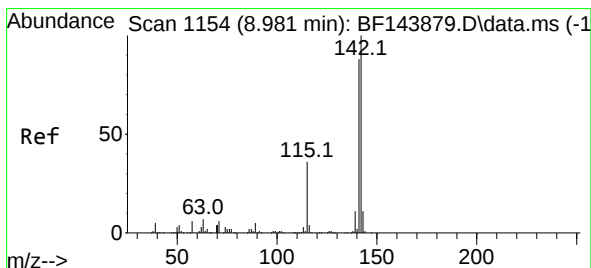
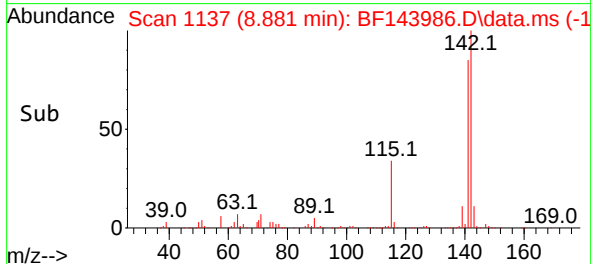
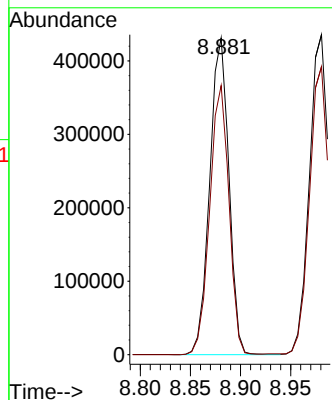
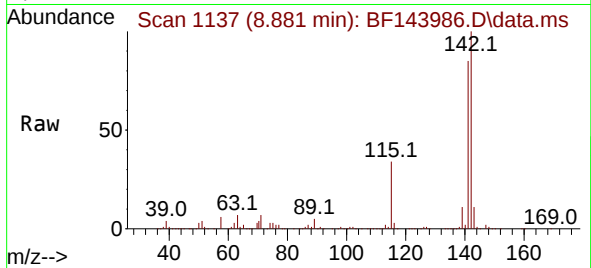




#37
2-Methylnaphthalene
Concen: 40.280 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

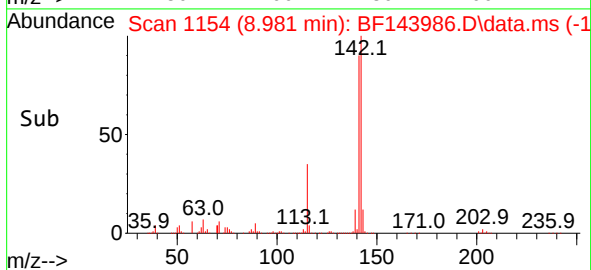
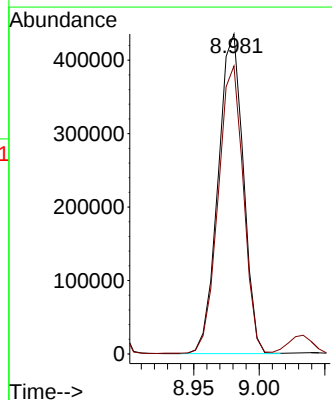
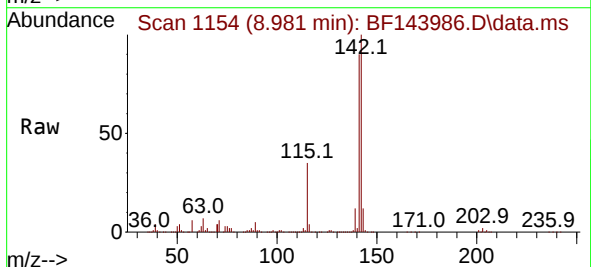
Instrument :
BNA_F
ClientSampleId :
PB170149BS

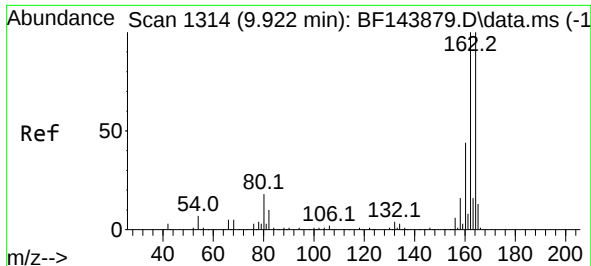
Tgt Ion:142 Resp: 573213
Ion Ratio Lower Upper
142 100
141 84.9 69.2 103.8



#38
1-Methylnaphthalene
Concen: 42.151 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:142 Resp: 581830
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2

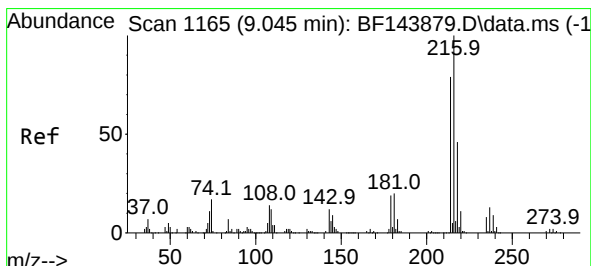
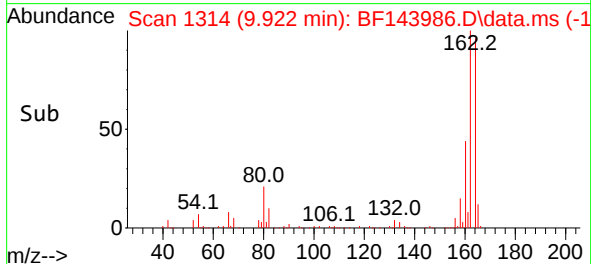
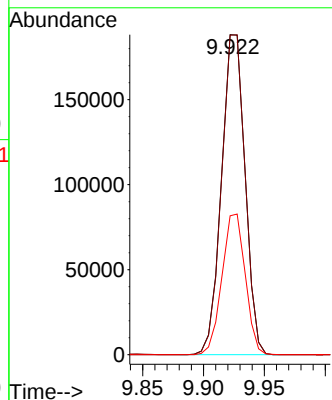
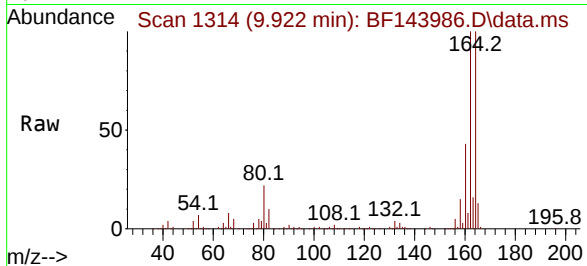




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.005 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

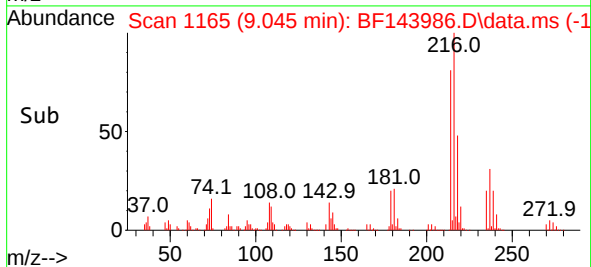
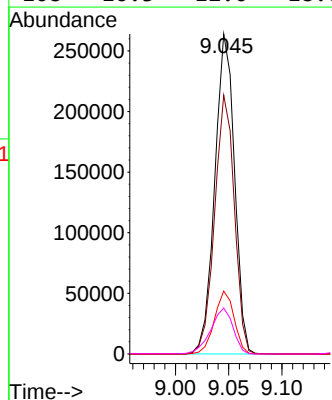
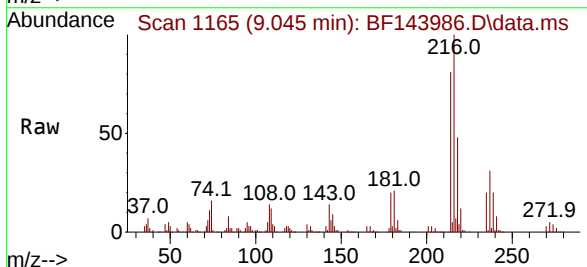
Instrument :
BNA_F
ClientSampleId :
PB170149BS

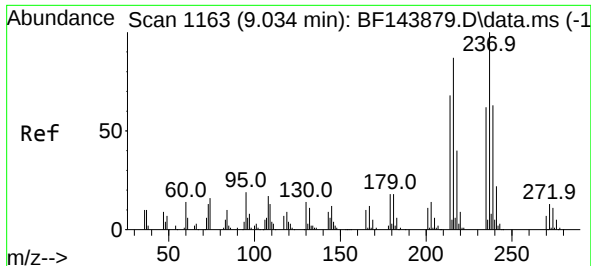
Tgt Ion:164 Resp: 253761
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 43.4 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.414 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:216 Resp: 339557
Ion Ratio Lower Upper
216 100
214 80.7 62.6 94.0
179 19.6 15.4 23.0
108 16.3 12.0 18.0

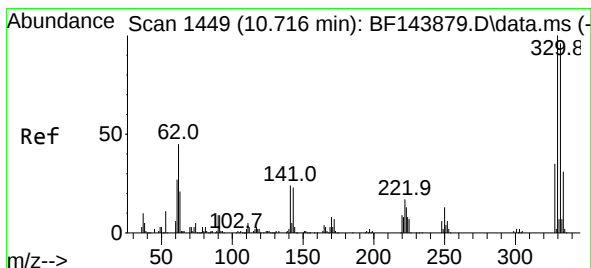
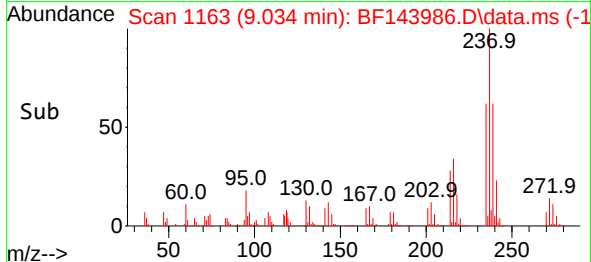
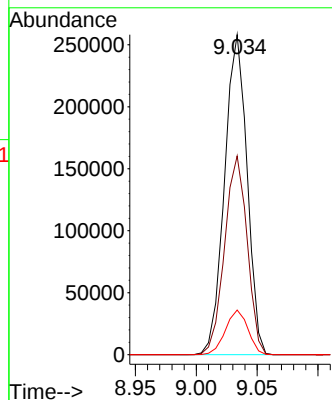
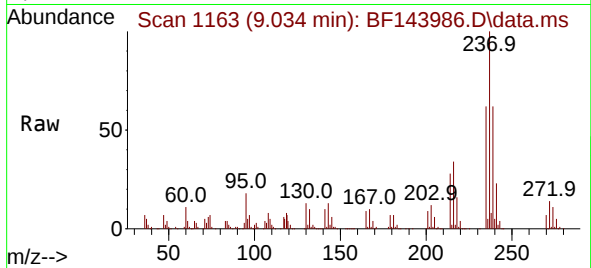




#41
Hexachlorocyclopentadiene
Concen: 114.047 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

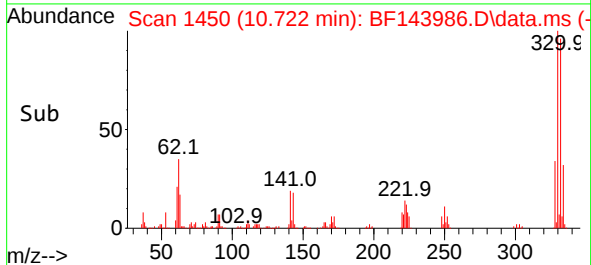
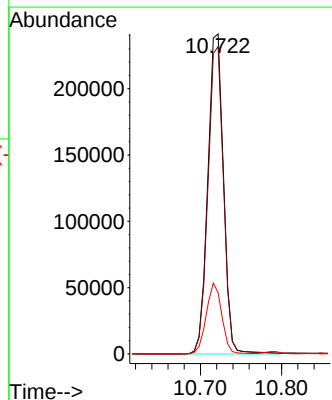
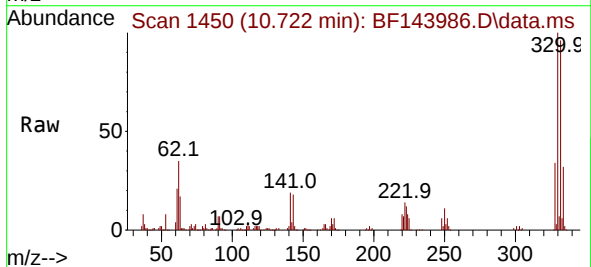
Instrument :
BNA_F
ClientSampleId :
PB170149BS

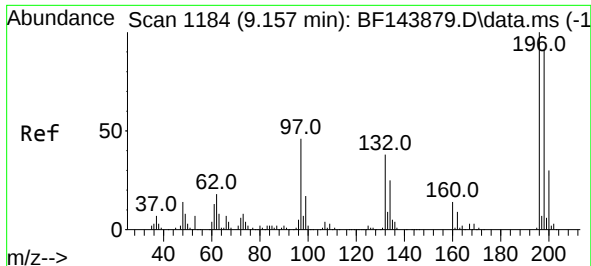
Tgt Ion:237 Resp: 331838
Ion Ratio Lower Upper
237 100
235 62.1 42.3 82.3
272 14.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 127.914 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:330 Resp: 323303
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 22.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 43.922 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

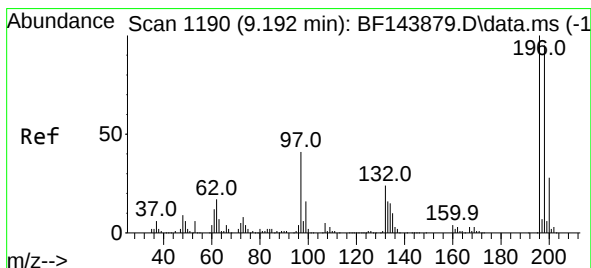
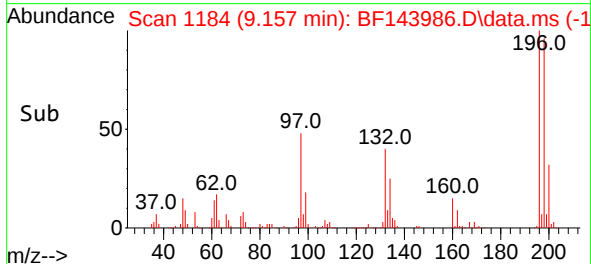
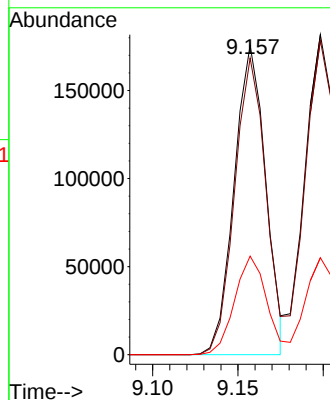
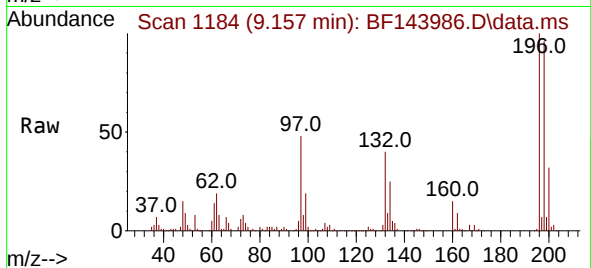
Tgt Ion:196 Resp: 225079

Ion Ratio Lower Upper

196 100

198 95.8 72.8 109.2

200 31.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 44.731 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Tgt Ion:196 Resp: 242240

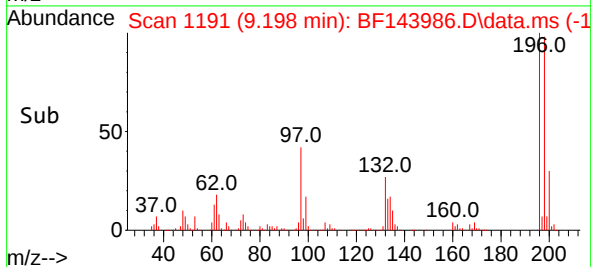
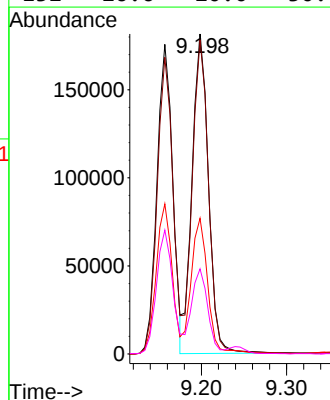
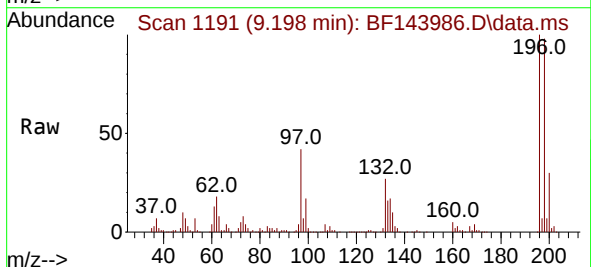
Ion Ratio Lower Upper

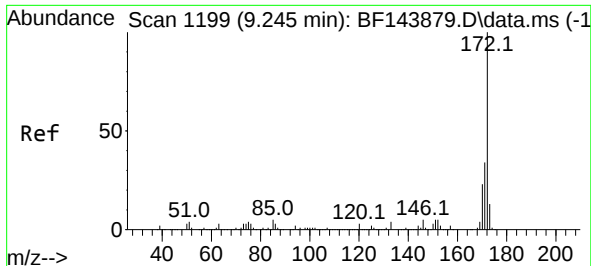
196 100

198 98.2 75.5 113.3

97 42.4 33.9 50.9

132 26.6 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.697 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

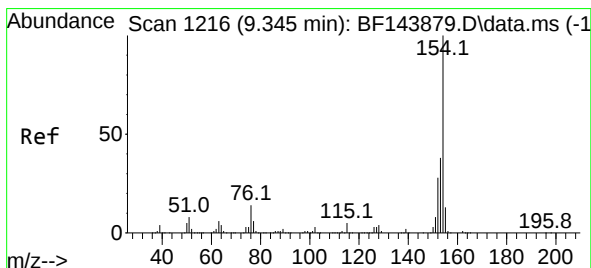
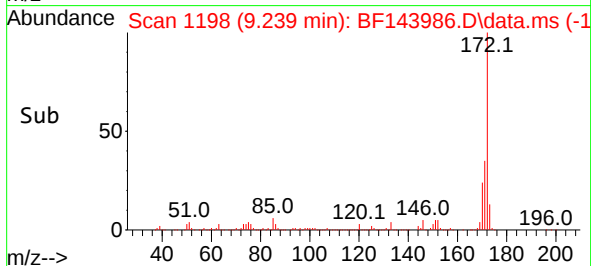
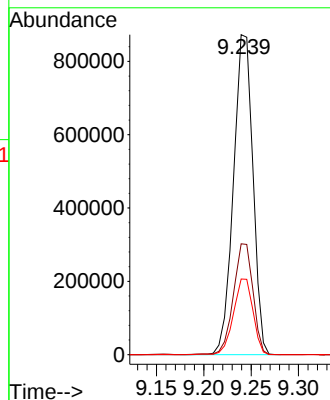
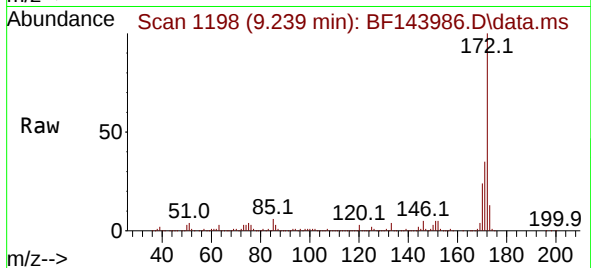
Tgt Ion:172 Resp: 1242585

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.786 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

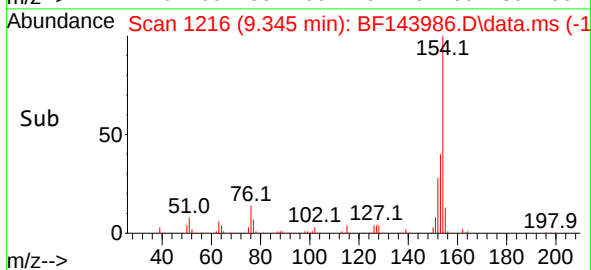
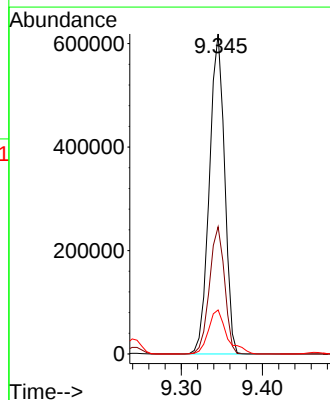
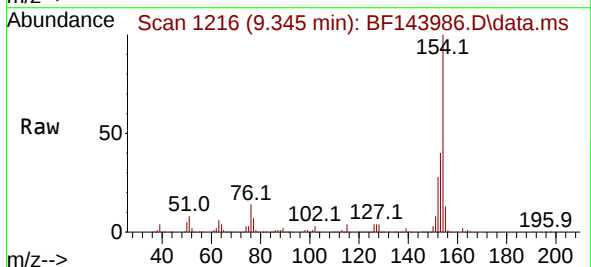
Tgt Ion:154 Resp: 802867

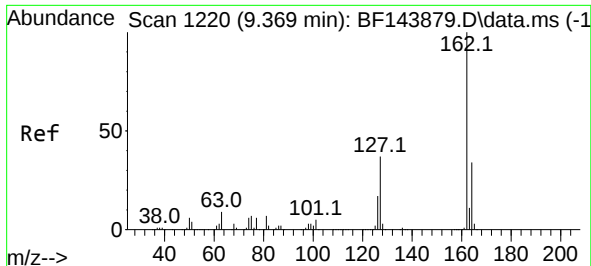
Ion Ratio Lower Upper

154 100

153 39.8 18.4 58.4

76 13.8 0.0 34.0

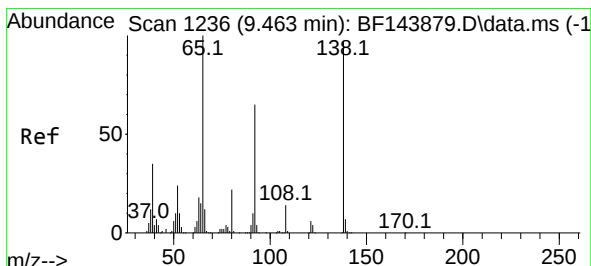
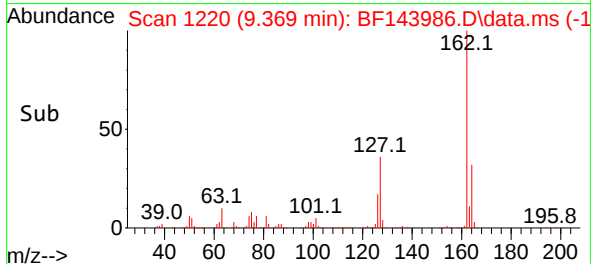
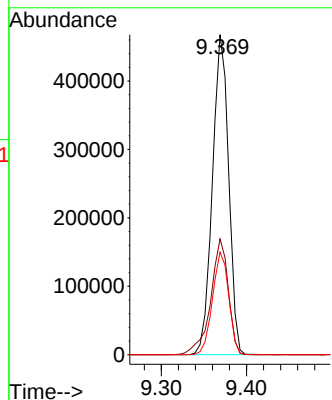
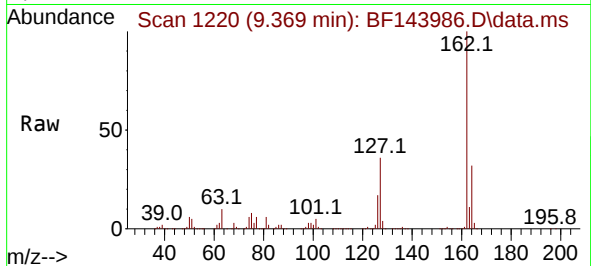




#47
2-Chloronaphthalene
Concen: 44.071 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

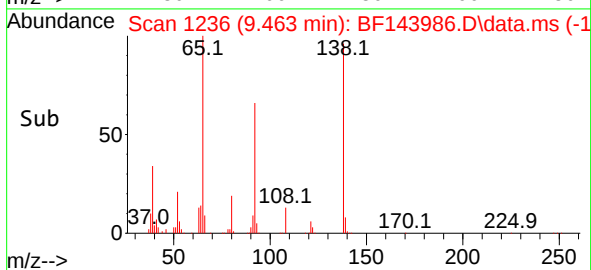
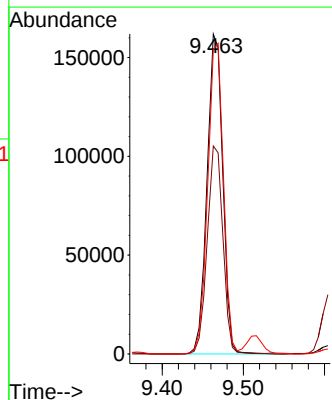
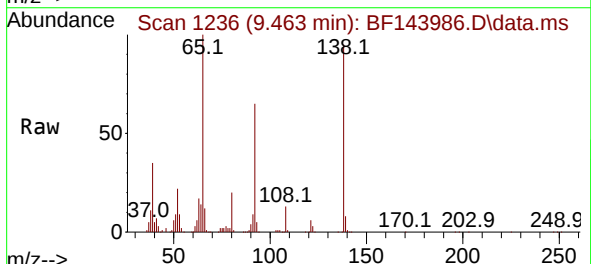
Instrument :
BNA_F
ClientSampleId :
PB170149BS

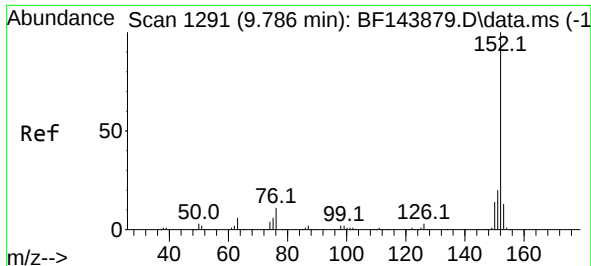
Tgt Ion:162 Resp: 617349
Ion Ratio Lower Upper
162 100
127 36.1 30.2 45.2
164 32.0 26.9 40.3



#48
2-Nitroaniline
Concen: 48.950 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

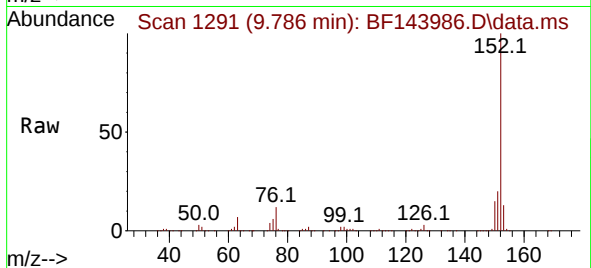
Tgt Ion: 65 Resp: 216788
Ion Ratio Lower Upper
65 100
92 65.0 52.1 78.1
138 95.1 77.4 116.2



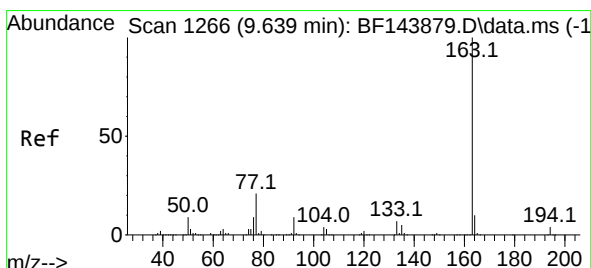
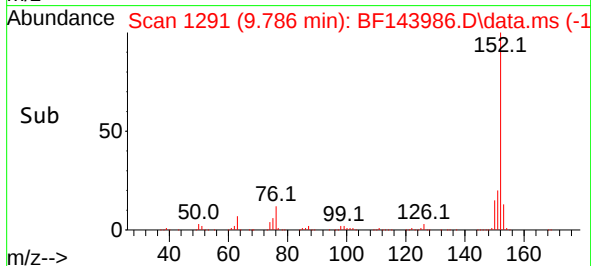
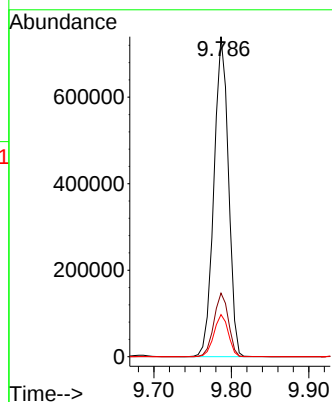


#49
Acenaphthylene
Concen: 48.881 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Instrument :
BNA_F
ClientSampleId :
PB170149BS

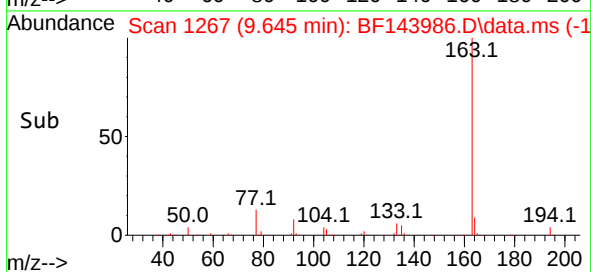
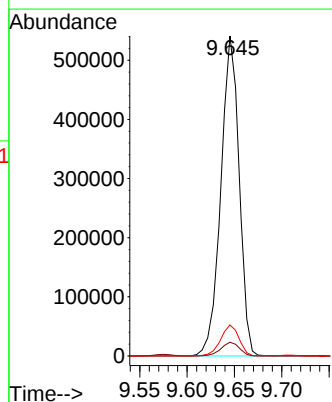
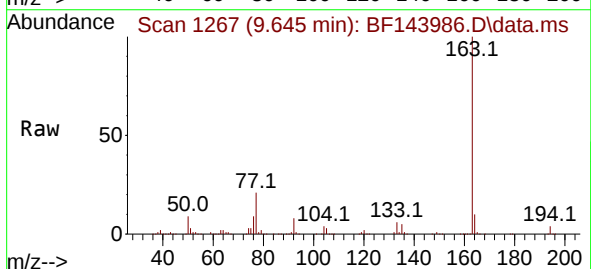


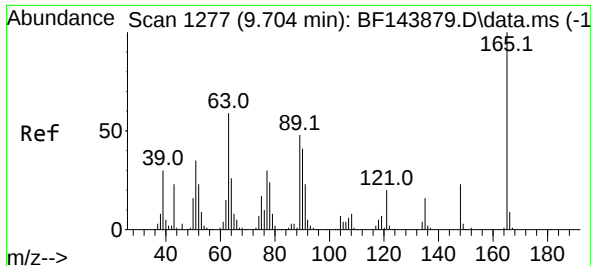
Tgt Ion:152 Resp: 962639
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 45.202 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:163 Resp: 728428
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 8.1 12.1

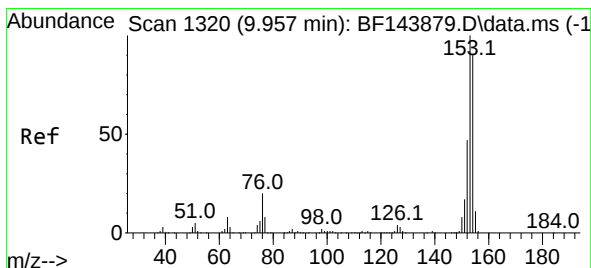
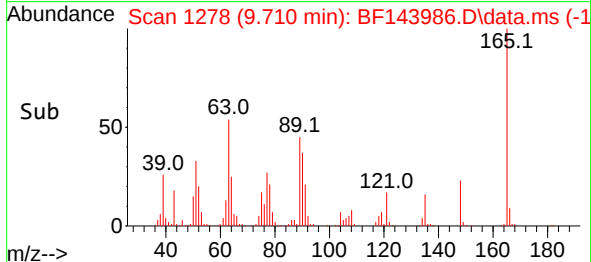
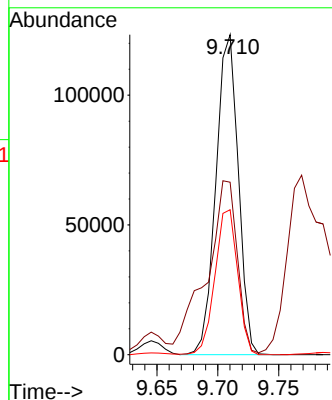
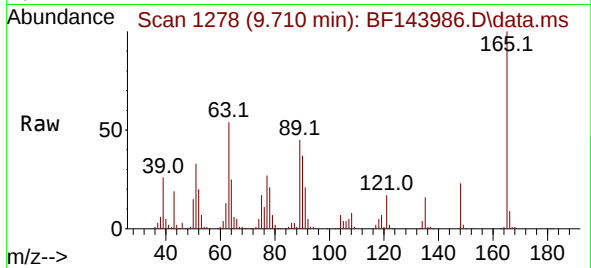




#51
2,6-Dinitrotoluene
Concen: 52.922 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

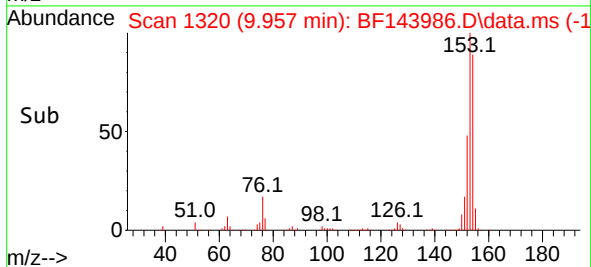
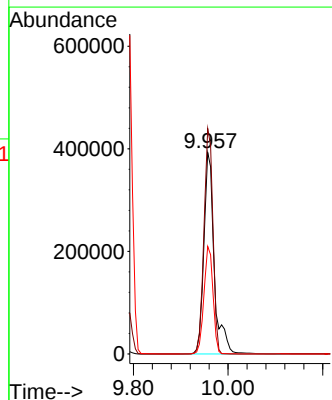
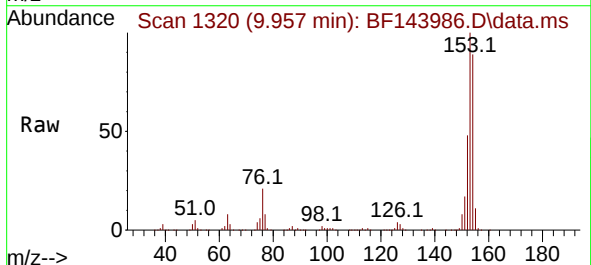
Instrument :
BNA_F
ClientSampleId :
PB170149BS

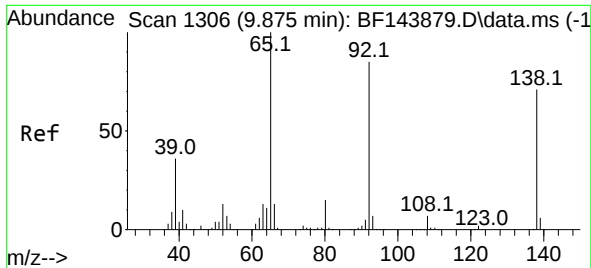
Tgt Ion:165 Resp: 158142
Ion Ratio Lower Upper
165 100
63 53.9 47.3 70.9
89 45.3 38.2 57.4



#52
Acenaphthene
Concen: 46.458 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:154 Resp: 599506
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 53.4 42.2 63.2

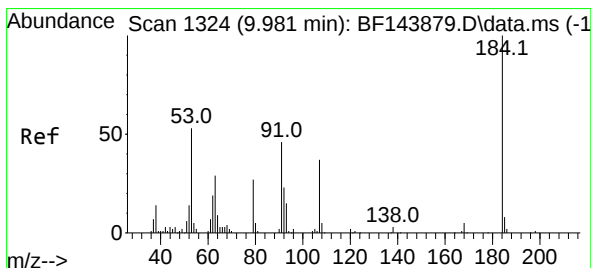
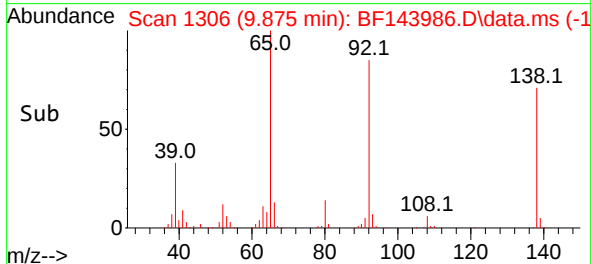
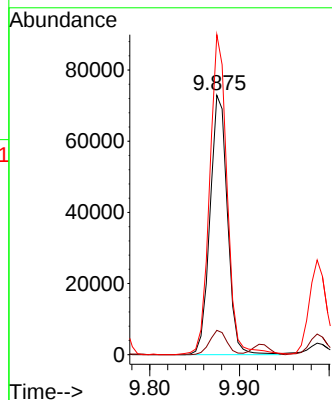
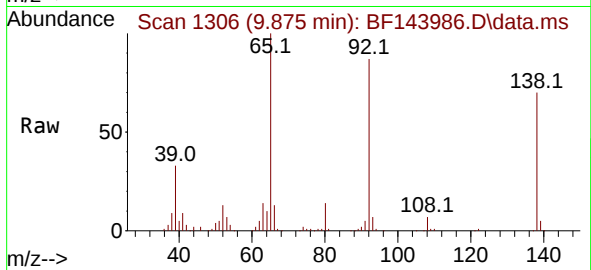




#53
3-Nitroaniline
Concen: 26.864 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

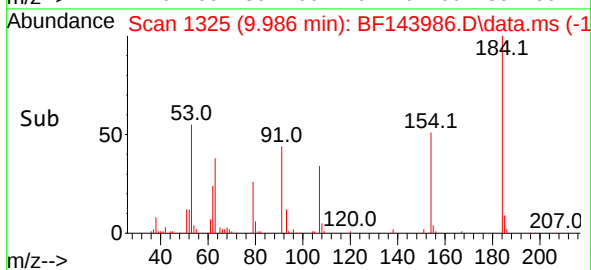
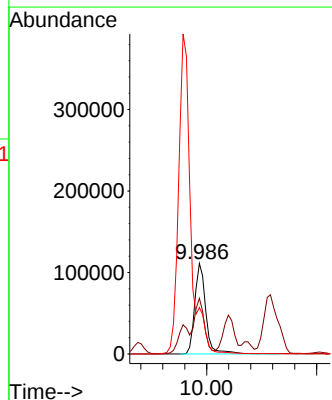
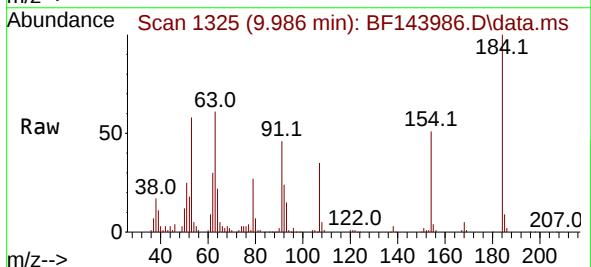
Instrument :
BNA_F
ClientSampleId :
PB170149BS

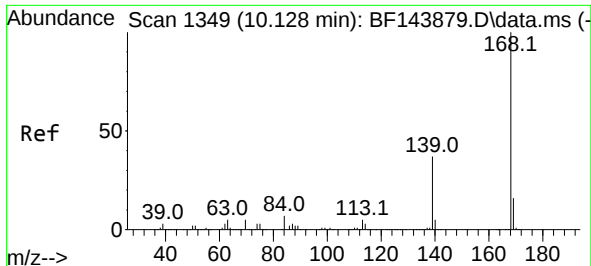
Tgt Ion:138 Resp: 98293
Ion Ratio Lower Upper
138 100
108 9.4 8.3 12.5
92 123.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 84.272 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:184 Resp: 156080
Ion Ratio Lower Upper
184 100
63 61.4 48.2 72.4
154 51.2 49.2 73.8

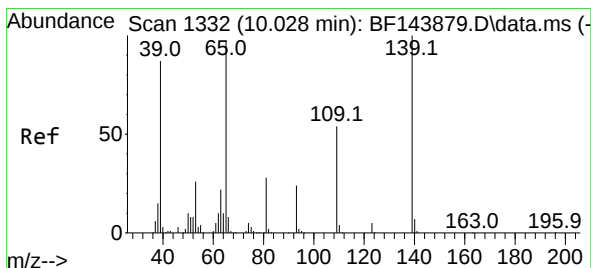
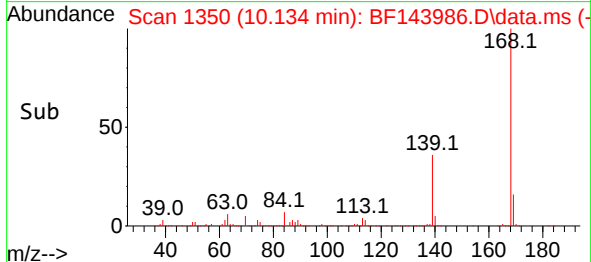
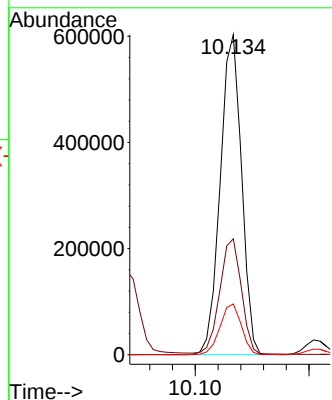
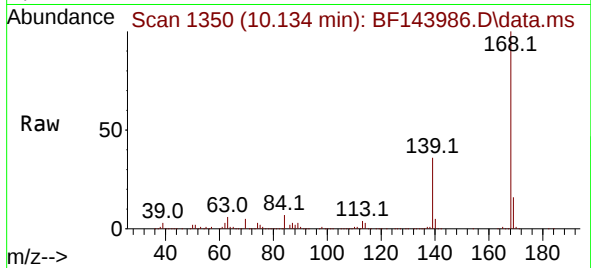




#55
Dibenzenofuran
Concen: 43.147 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

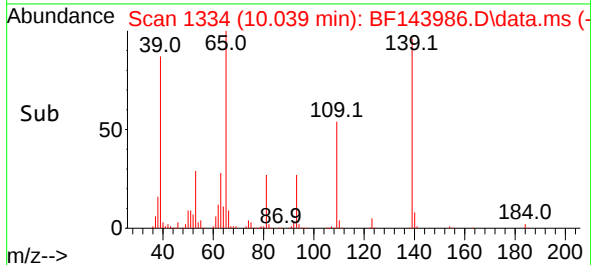
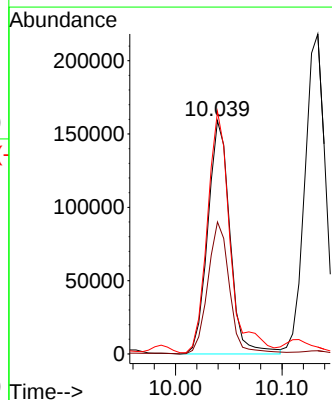
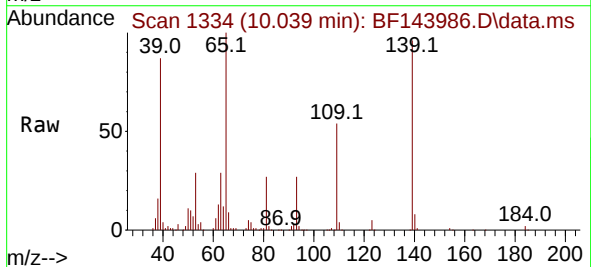
Instrument :
BNA_F
ClientSampleId :
PB170149BS

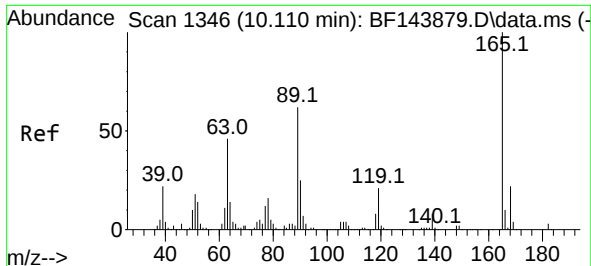
Tgt Ion:168 Resp: 785957
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8
169 15.9 12.8 19.2



#56
4-Nitrophenol
Concen: 82.740 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:139 Resp: 229223
Ion Ratio Lower Upper
139 100
109 56.6 34.5 74.5
65 104.1 77.6 117.6

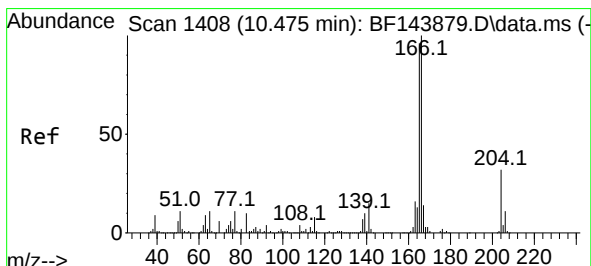
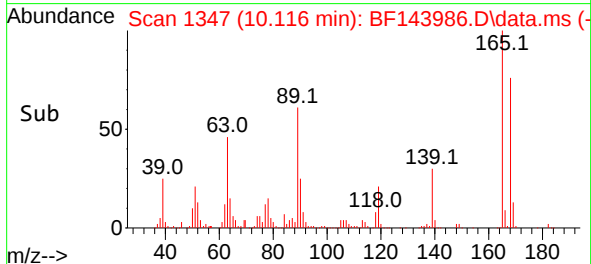
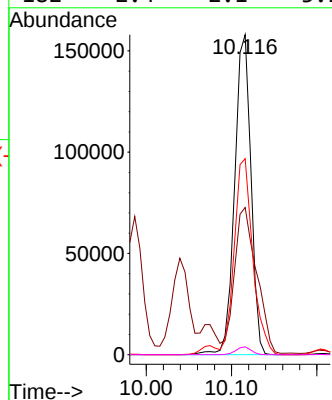
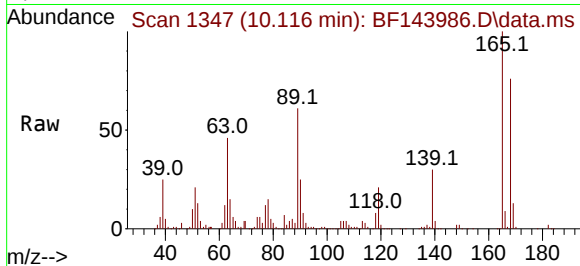




#57
2,4-Dinitrotoluene
Concen: 51.548 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

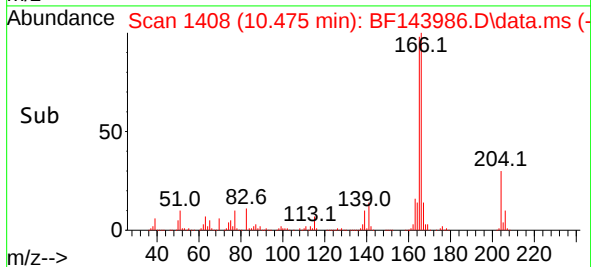
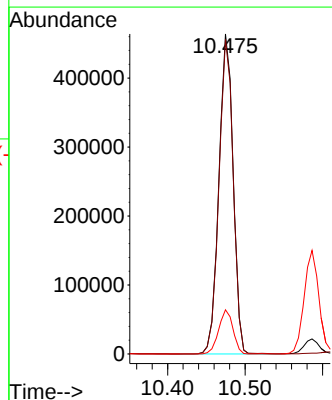
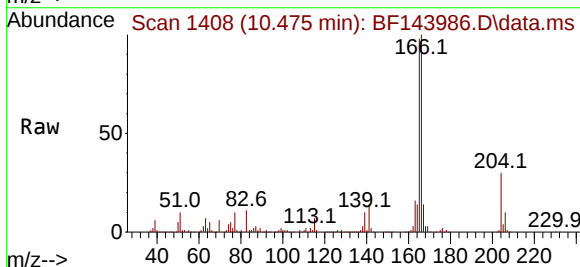
Instrument :
BNA_F
ClientSampleId :
PB170149BS

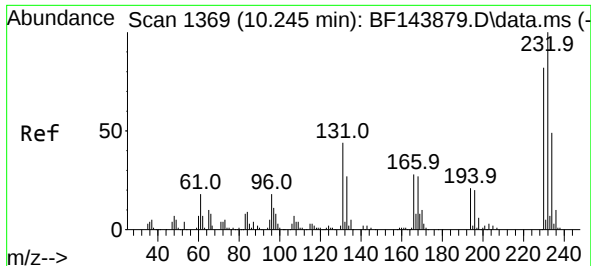
Tgt Ion:165 Resp: 209585
Ion Ratio Lower Upper
165 100
63 46.0 37.2 55.8
89 61.2 49.4 74.2
182 2.4 2.1 3.1



#58
Fluorene
Concen: 43.118 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:166 Resp: 592656
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.8 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.735 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.047 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion:232 Resp: 179157

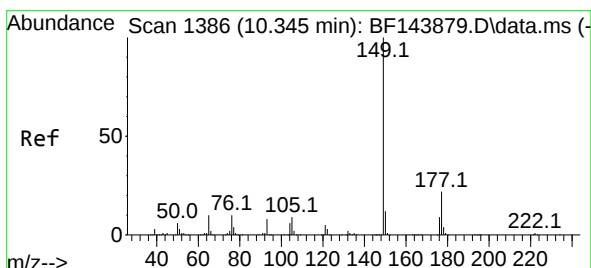
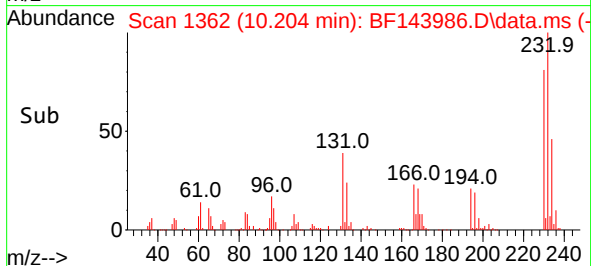
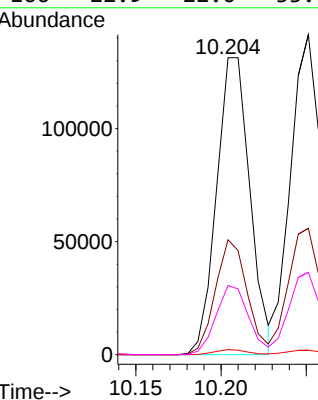
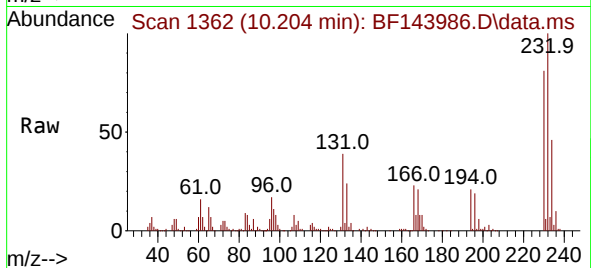
Ion Ratio Lower Upper

232 100

131 37.0 34.9 52.3

130 1.7 1.6 2.4

166 22.9 22.0 33.0



#60

Diethylphthalate

Concen: 43.918 ng

RT: 10.345 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

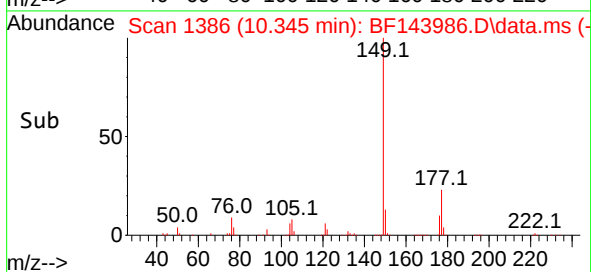
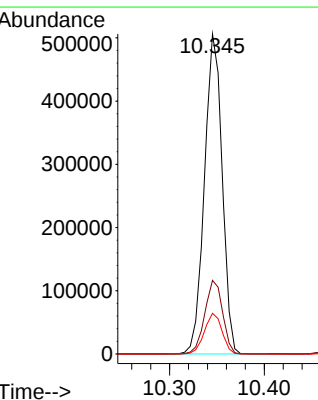
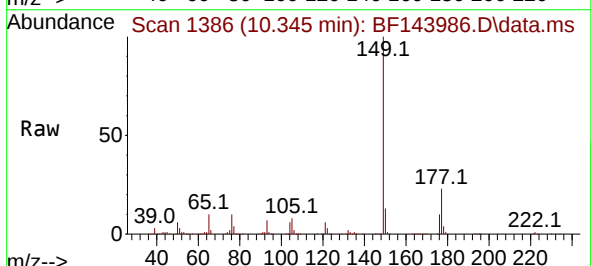
Tgt Ion:149 Resp: 657488

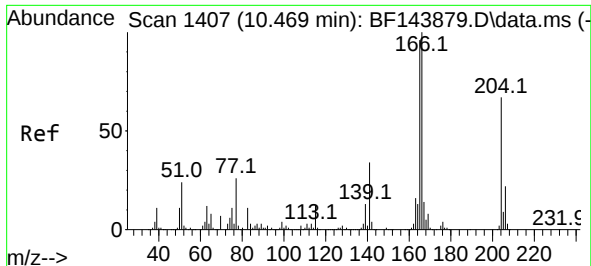
Ion Ratio Lower Upper

149 100

177 23.0 17.9 26.9

150 12.7 9.8 14.8

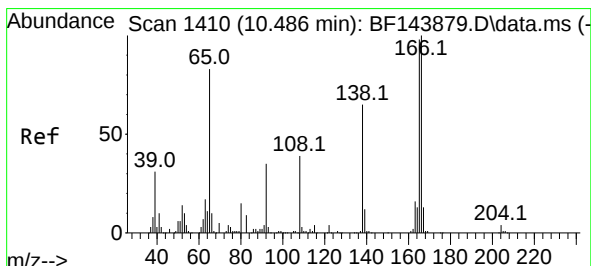
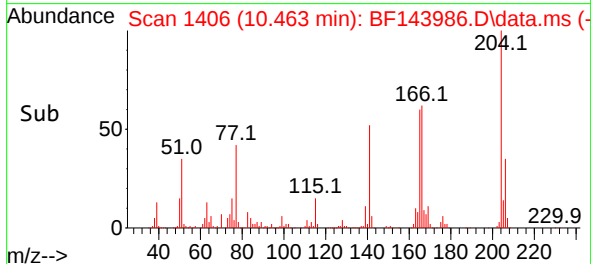
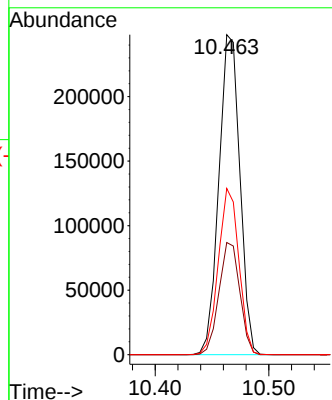
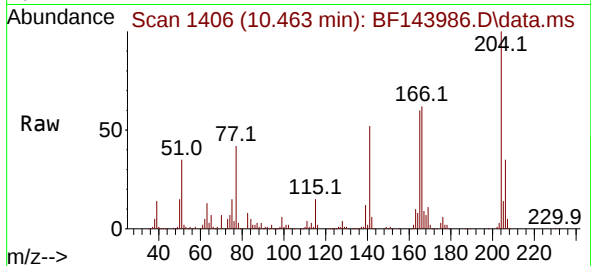




#61
4-Chlorophenyl-phenylether
Concen: 43.865 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

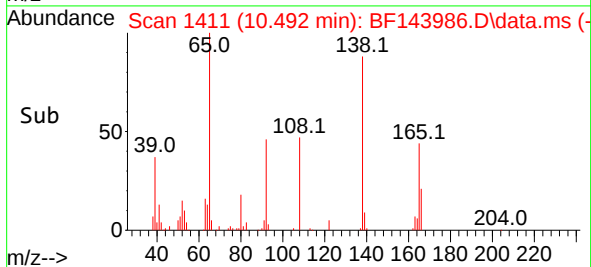
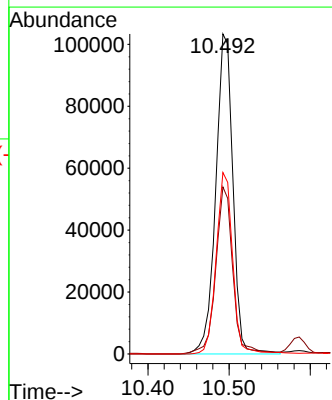
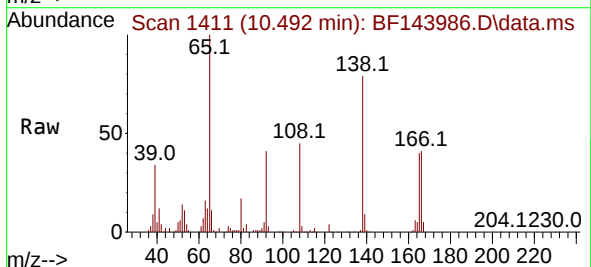
Instrument :
BNA_F
ClientSampleId :
PB170149BS

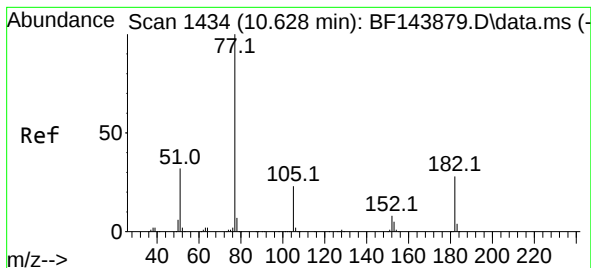
Tgt Ion:204 Resp: 318770
Ion Ratio Lower Upper
204 100
206 35.0 26.6 40.0
141 52.0 40.4 60.6



#62
4-Nitroaniline
Concen: 43.256 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:138 Resp: 152195
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 56.7 40.2 80.2





#63

Azobenzene

Concen: 45.195 ng

RT: 10.628 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

Tgt Ion: 77 Resp: 707147

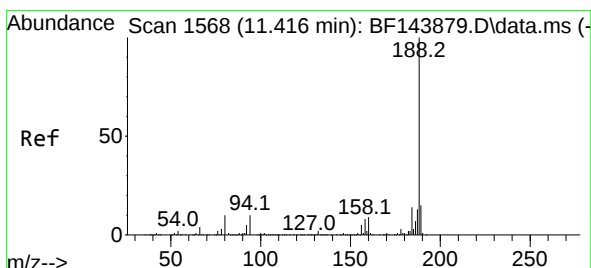
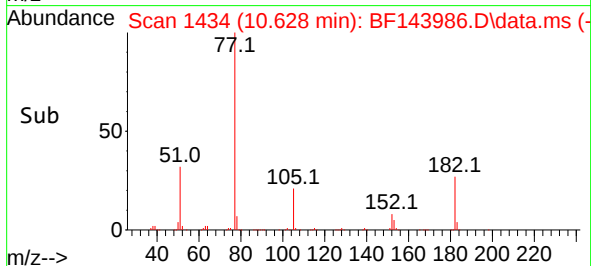
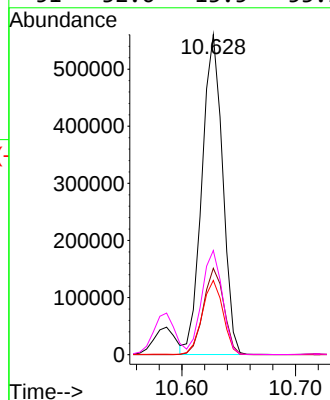
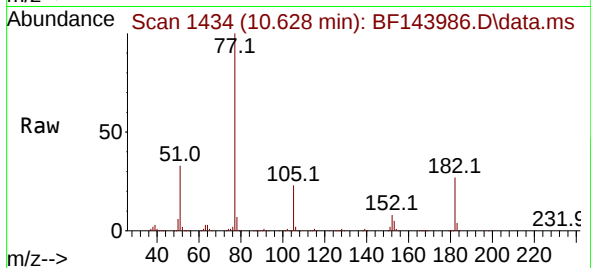
Ion Ratio Lower Upper

77 100

182 27.0 7.3 47.3

105 23.2 3.0 43.0

51 32.6 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

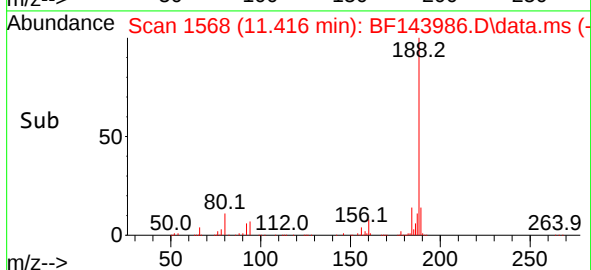
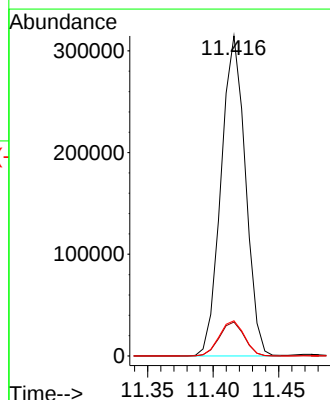
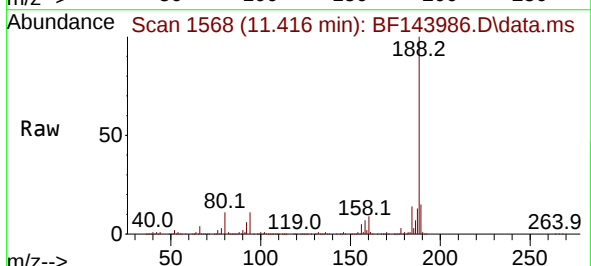
Tgt Ion:188 Resp: 406747

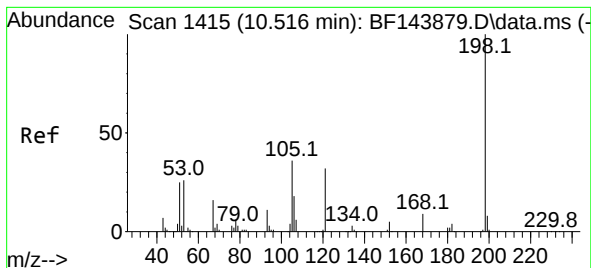
Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

80 11.0 7.9 11.9

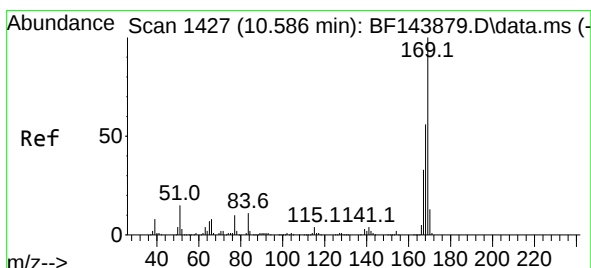
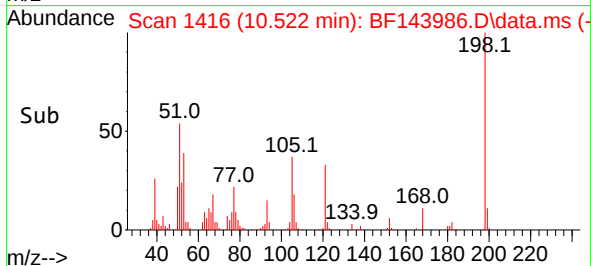
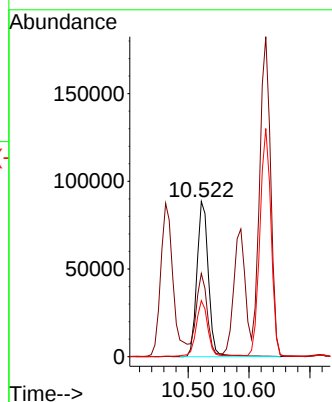
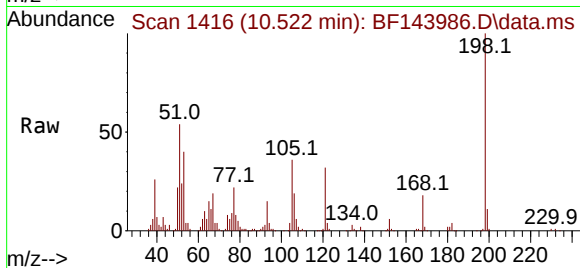




#65
4,6-Dinitro-2-methylphenol
Concen: 56.838 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

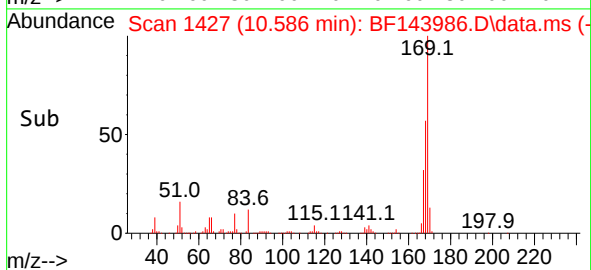
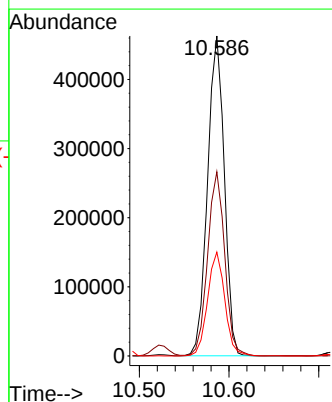
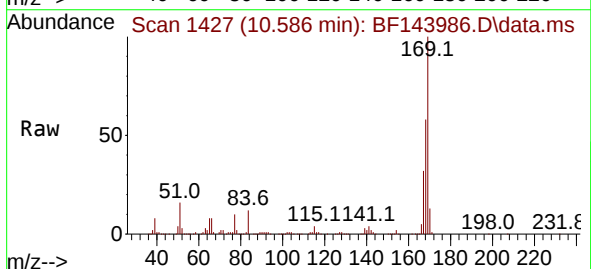
Instrument :
BNA_F
ClientSampleId :
PB170149BS

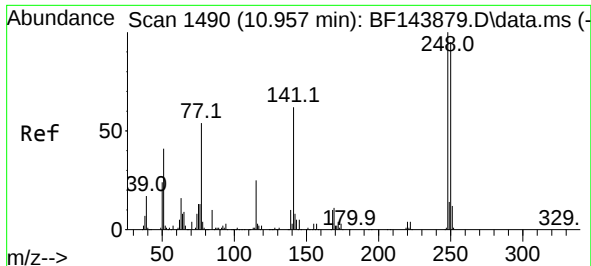
Tgt Ion:198 Resp: 116178
Ion Ratio Lower Upper
198 100
51 53.6 33.8 73.8
105 36.1 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 46.997 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:169 Resp: 600218
Ion Ratio Lower Upper
169 100
168 57.5 44.9 67.3
167 32.4 26.3 39.5

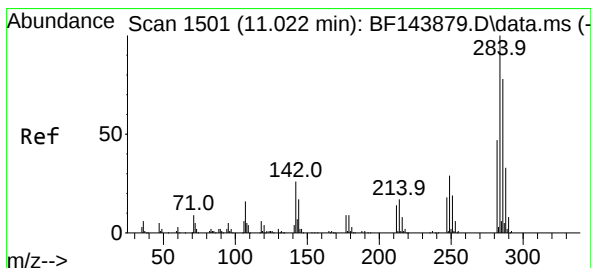
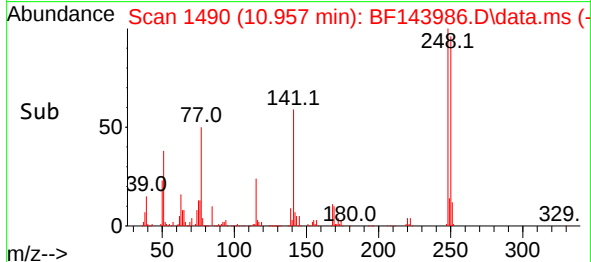
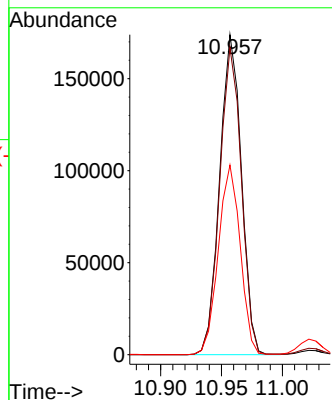
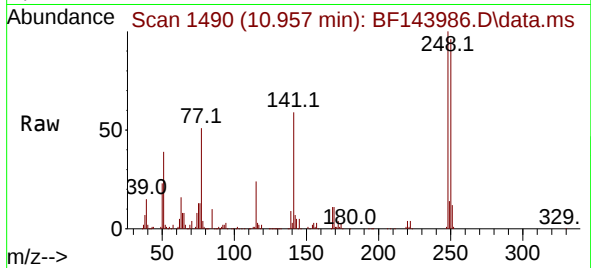




#67
4-Bromophenyl-phenylether
Concen: 48.167 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

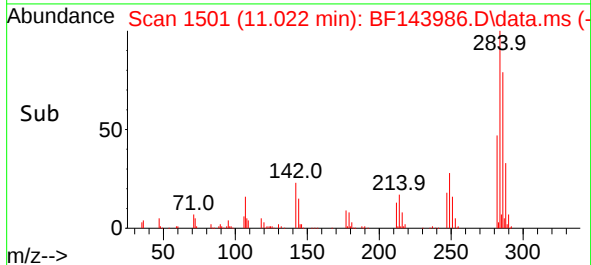
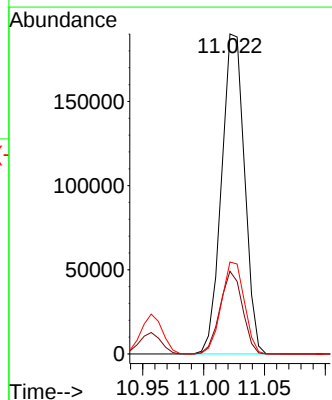
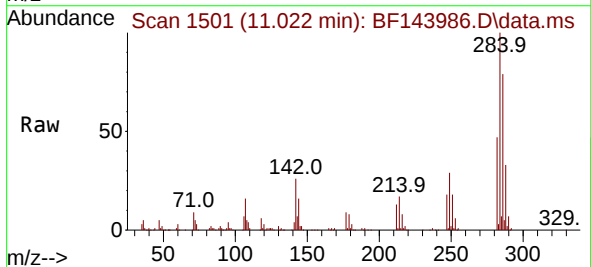
Instrument :
BNA_F
ClientSampleId :
PB170149BS

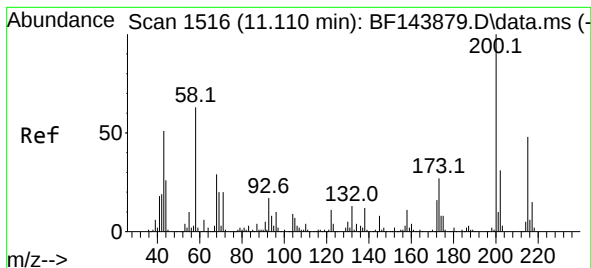
Tgt Ion:248 Resp: 216520
Ion Ratio Lower Upper
248 100
250 96.0 76.3 114.5
141 59.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.913 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:284 Resp: 249347
Ion Ratio Lower Upper
284 100
142 25.9 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 48.451 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

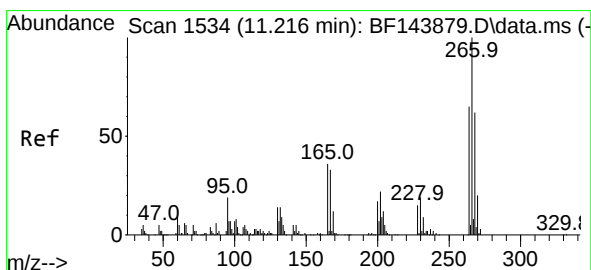
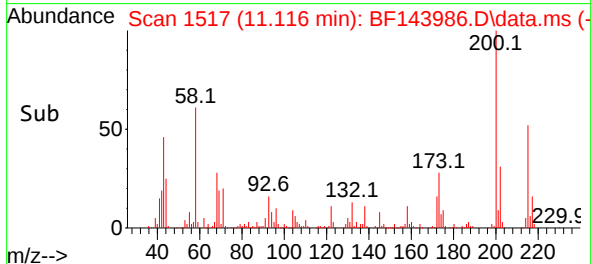
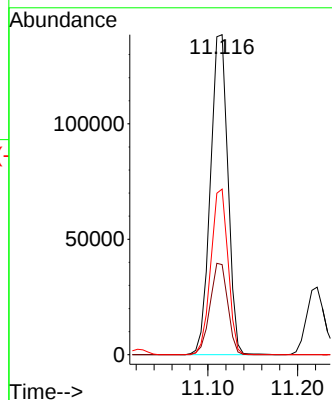
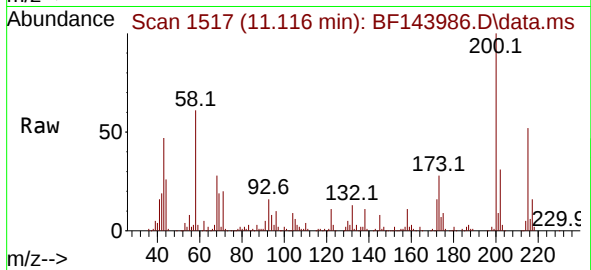
Tgt Ion:200 Resp: 187550

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

215 51.7 27.8 67.8



#70

Pentachlorophenol

Concen: 85.603 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

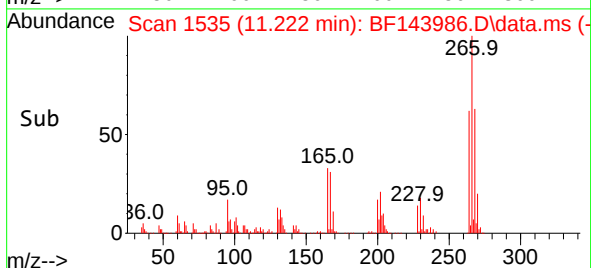
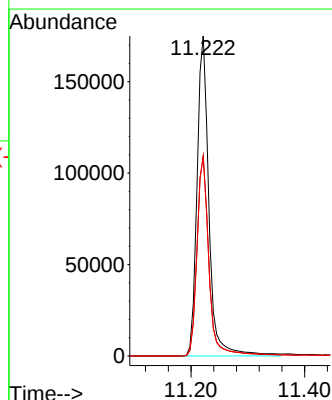
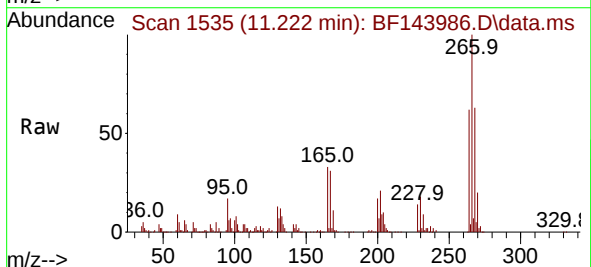
Tgt Ion:266 Resp: 255856

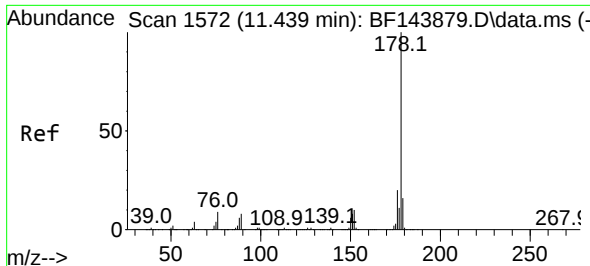
Ion Ratio Lower Upper

266 100

268 62.5 49.4 74.0

264 62.2 51.8 77.6

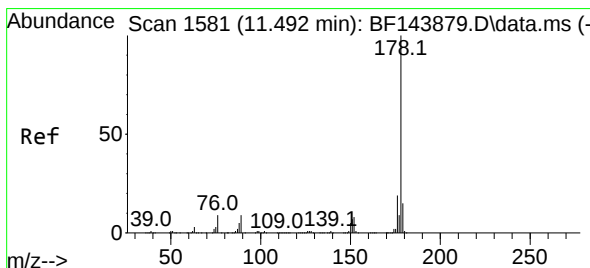
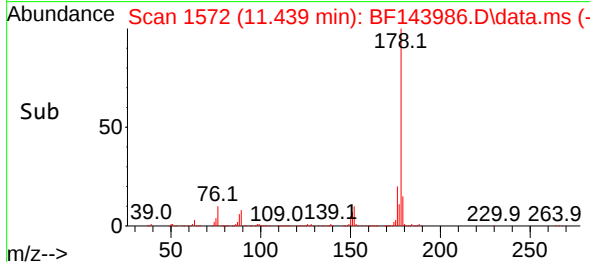
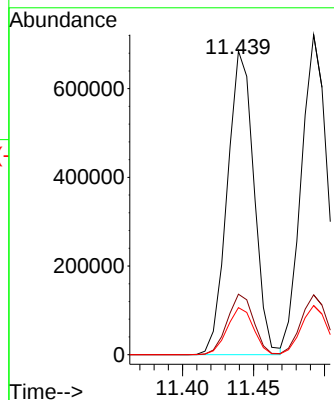
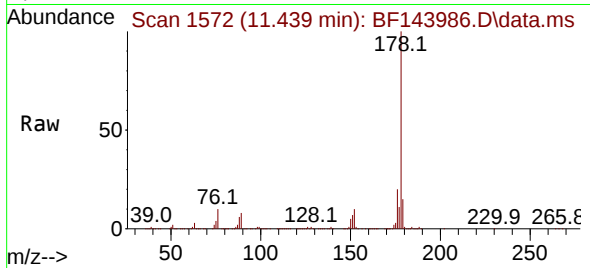




#71
Phenanthrene
Concen: 45.339 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

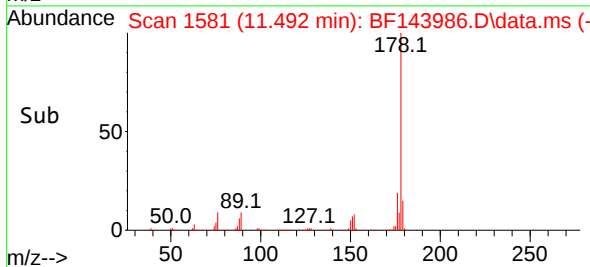
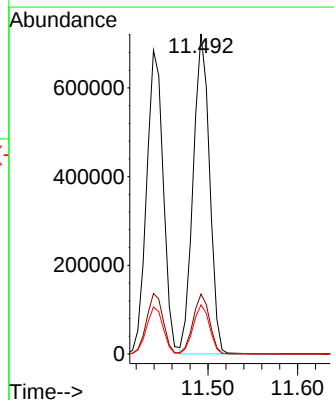
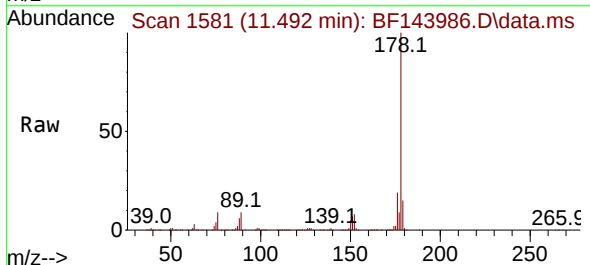
Instrument :
BNA_F
ClientSampleId :
PB170149BS

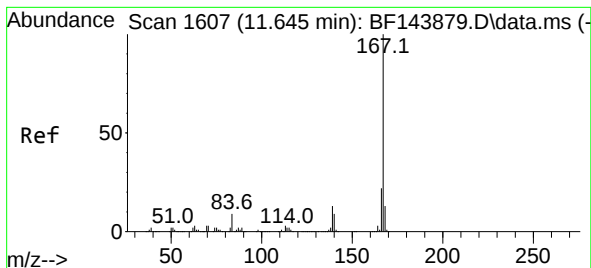
Tgt Ion:178 Resp: 894044
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 45.885 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:178 Resp: 914080
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.2 18.2





#73

Carbazole

Concen: 45.322 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

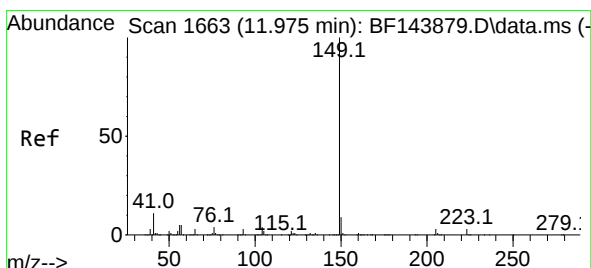
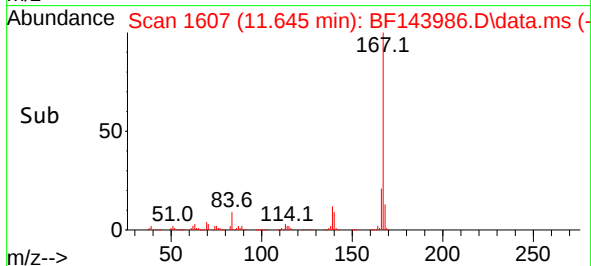
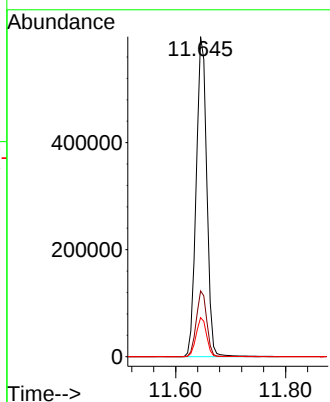
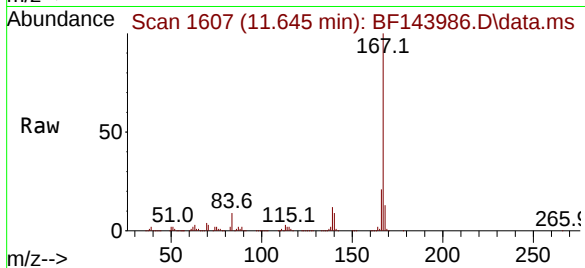
Tgt Ion:167 Resp: 799634

Ion Ratio Lower Upper

167 100

166 20.6 17.2 25.8

139 12.2 10.1 15.1



#74

Di-n-butylphthalate

Concen: 46.541 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

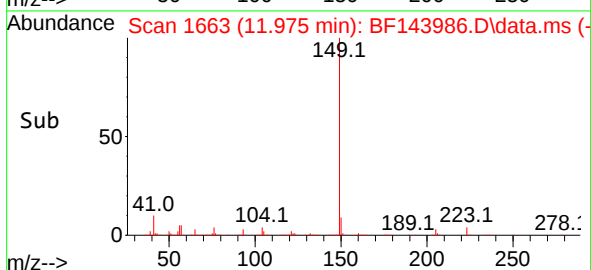
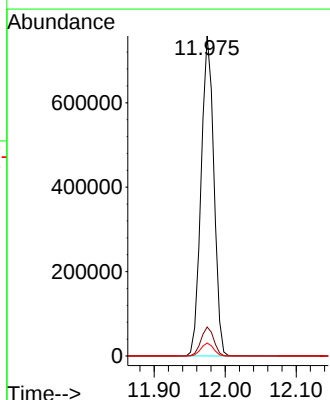
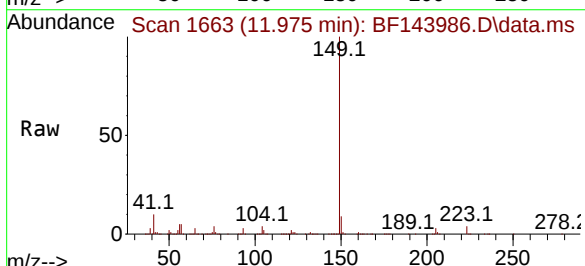
Tgt Ion:149 Resp: 951680

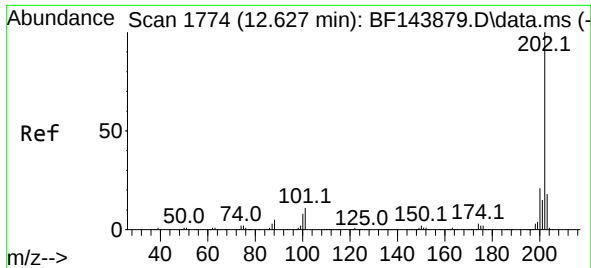
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.0 3.4 5.2

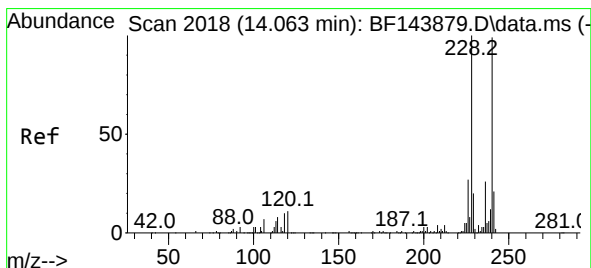
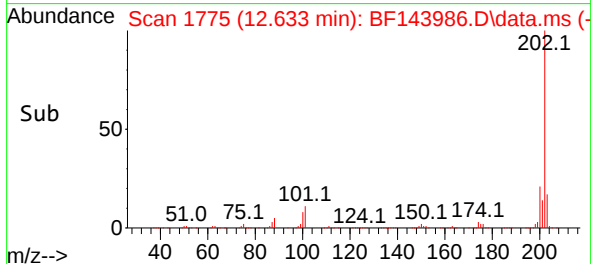
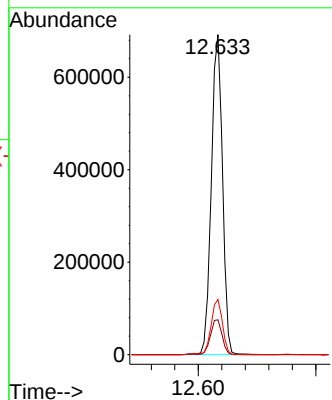
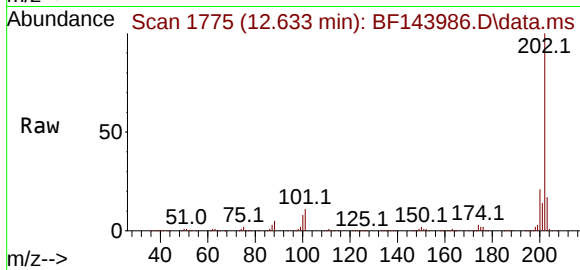




#75
Fluoranthene
Concen: 44.691 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

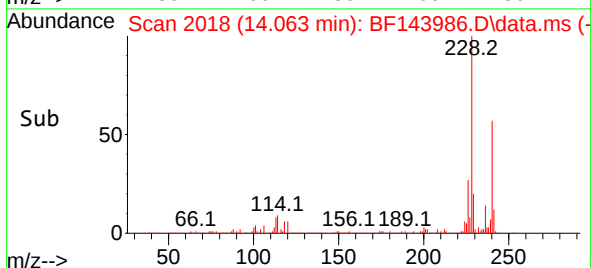
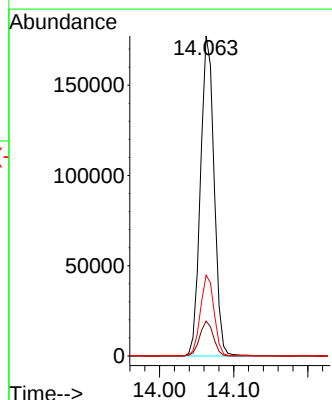
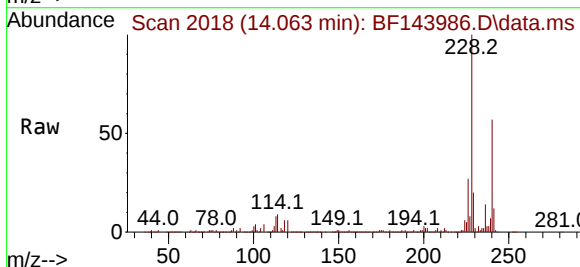
Instrument :
BNA_F
ClientSampleId :
PB170149BS

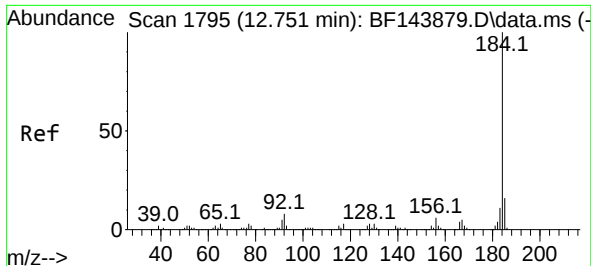
Tgt Ion:202 Resp: 910295
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:240 Resp: 226465
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.2 21.1 31.7

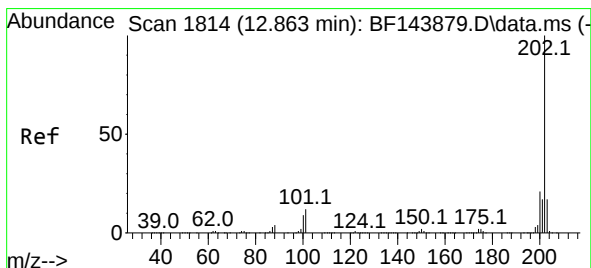
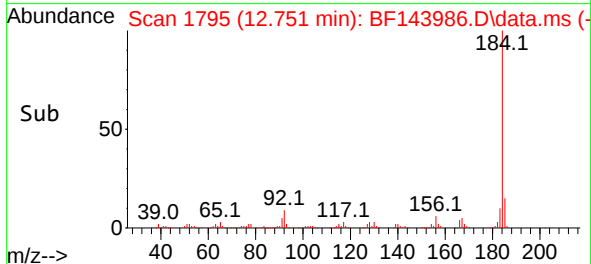
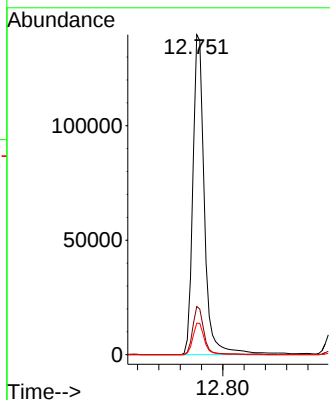
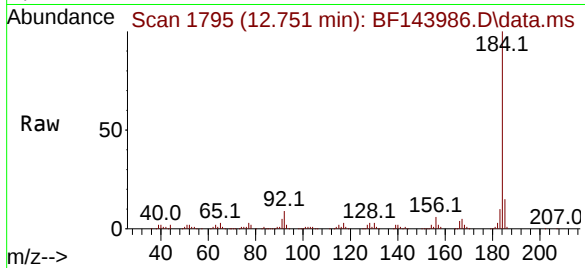




#77
Benzidine
Concen: 26.893 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

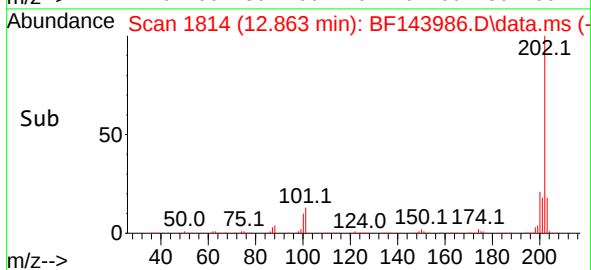
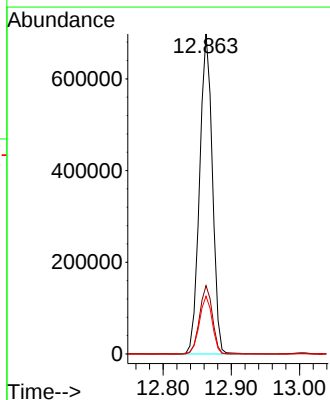
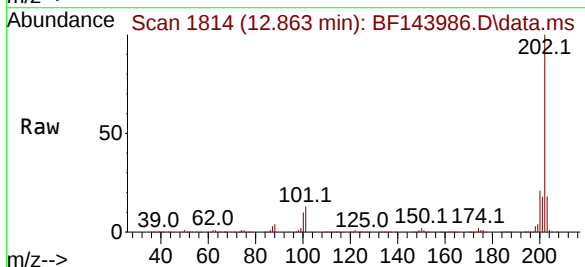
Instrument :
BNA_F
ClientSampleId :
PB170149BS

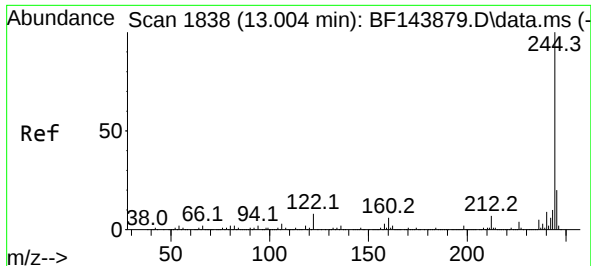
Tgt Ion:184 Resp: 211474
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 9.9 8.8 13.2



#78
Pyrene
Concen: 48.173 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:202 Resp: 909507
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 18.0 13.8 20.6

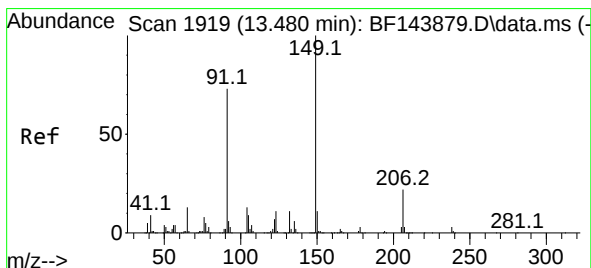
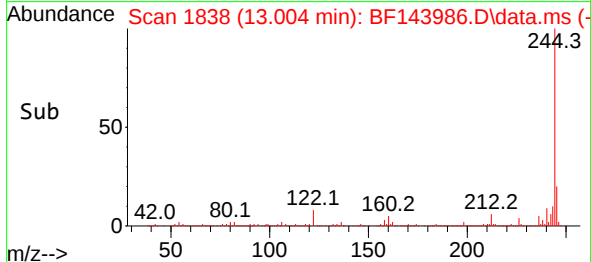
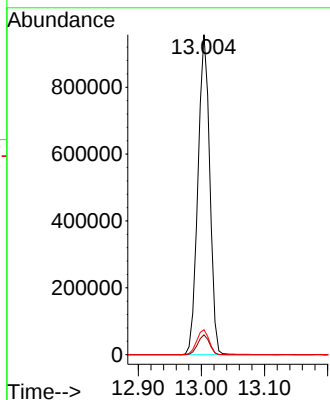
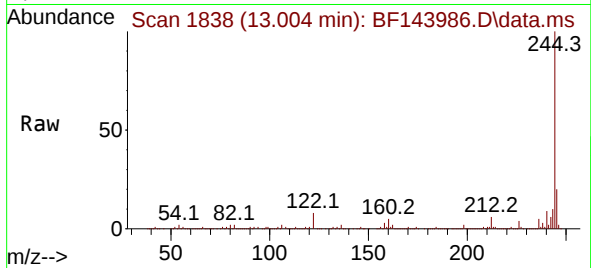




#79
 Terphenyl-d14
 Concen: 93.900 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

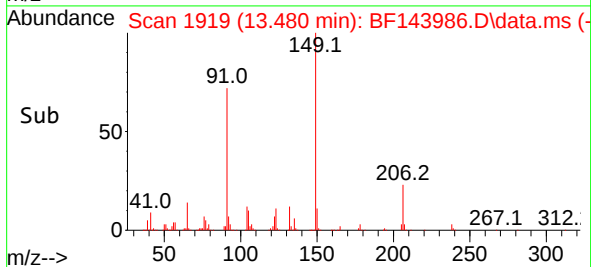
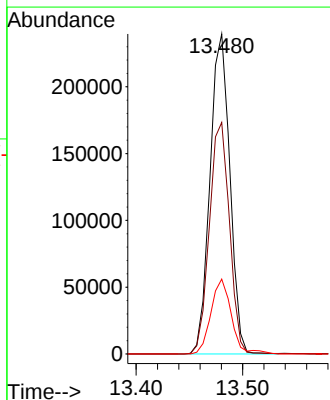
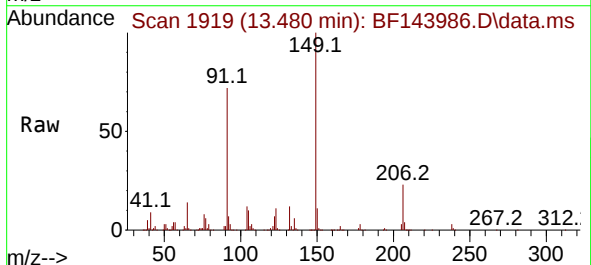
Instrument :
 BNA_F
 ClientSampleId :
 PB170149BS

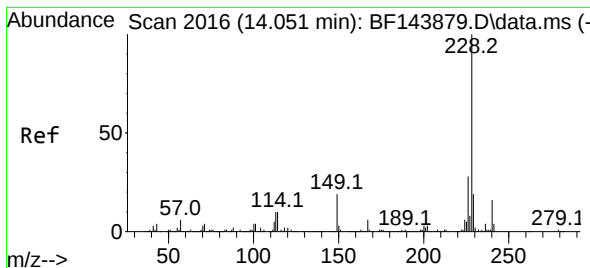
Tgt Ion:244 Resp: 1244240
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.8 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 50.496 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

Tgt Ion:149 Resp: 309626
 Ion Ratio Lower Upper
 149 100
 91 72.4 58.2 87.2
 206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 49.546 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

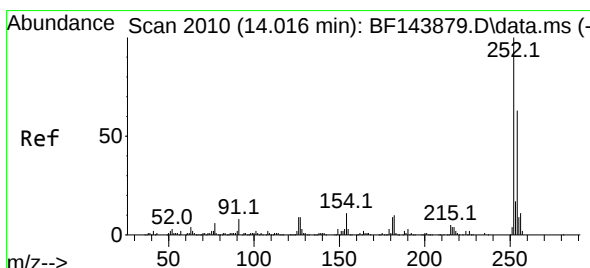
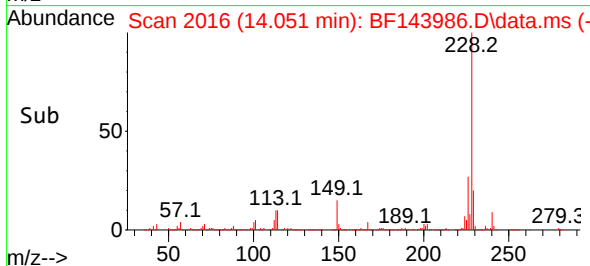
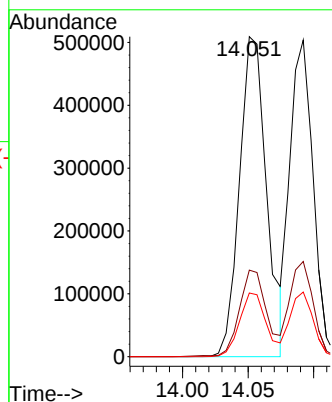
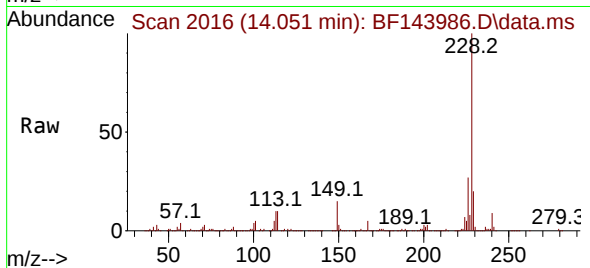
Tgt Ion:228 Resp: 734276

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 28.101 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

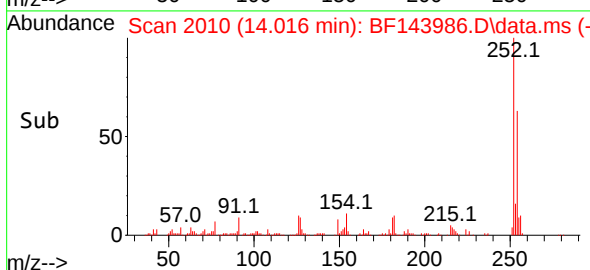
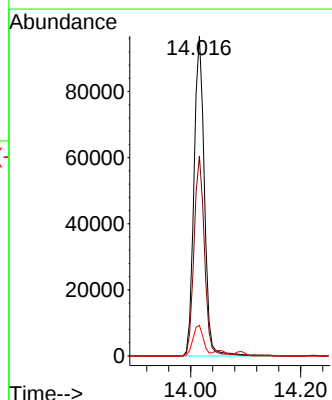
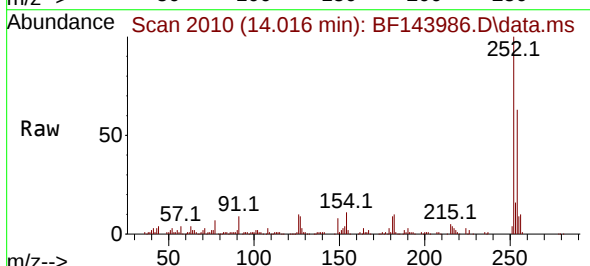
Tgt Ion:252 Resp: 126915

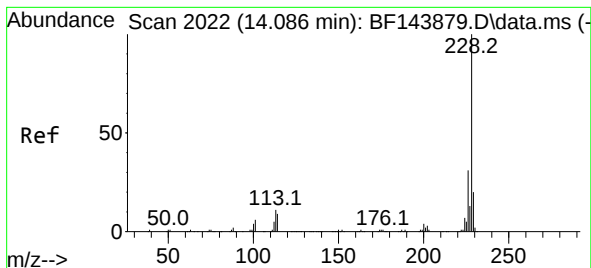
Ion Ratio Lower Upper

252 100

254 62.5 50.6 76.0

126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.154 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

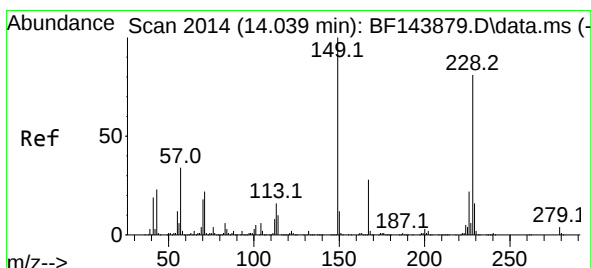
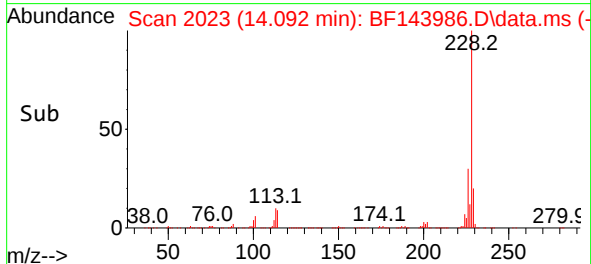
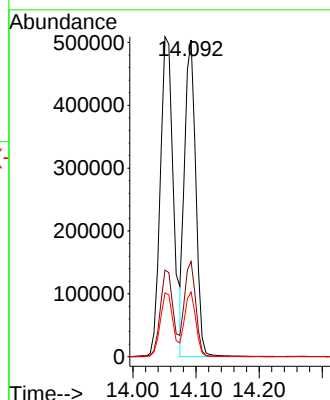
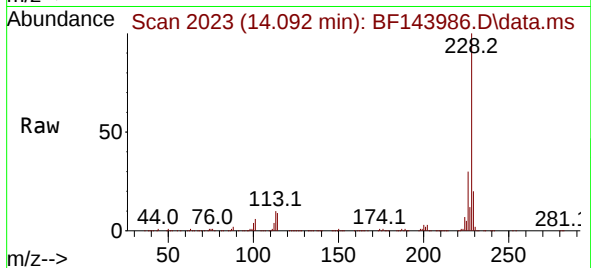
Tgt Ion:228 Resp: 619350

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.136 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

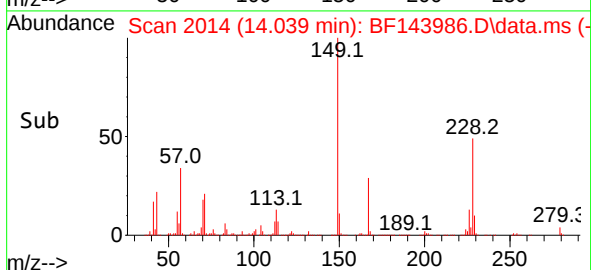
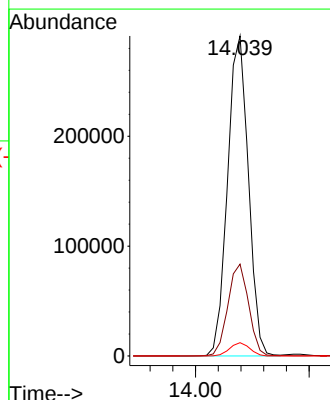
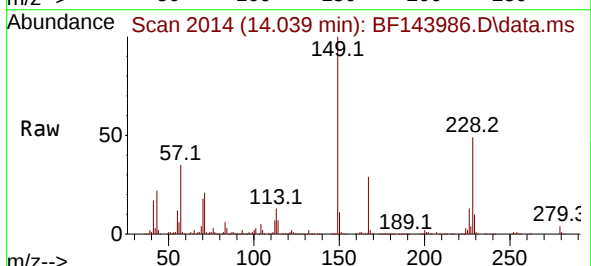
Tgt Ion:149 Resp: 370575

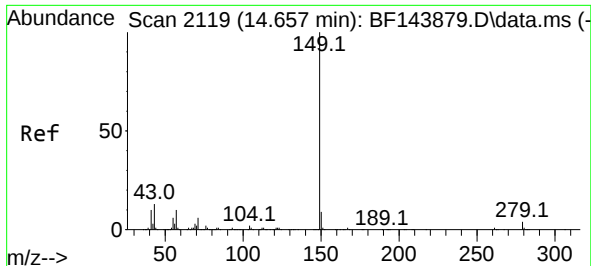
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

279 4.1 3.1 4.7

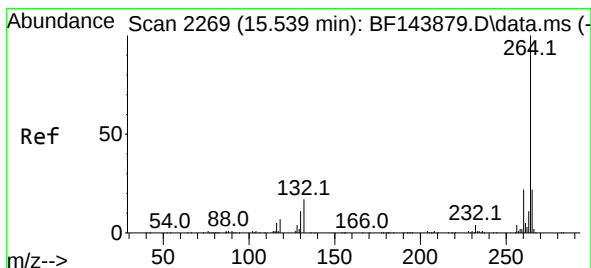
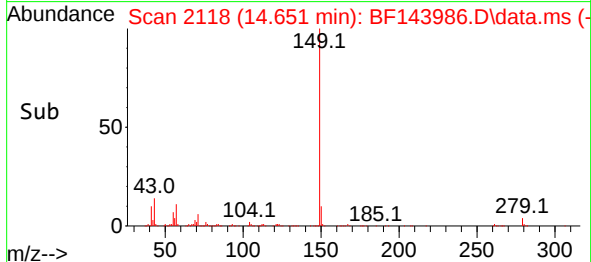
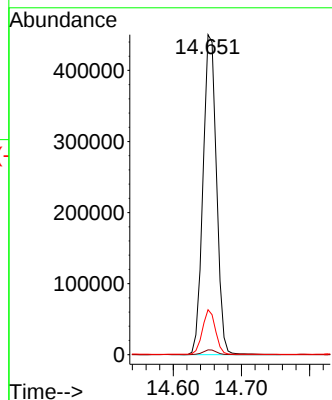
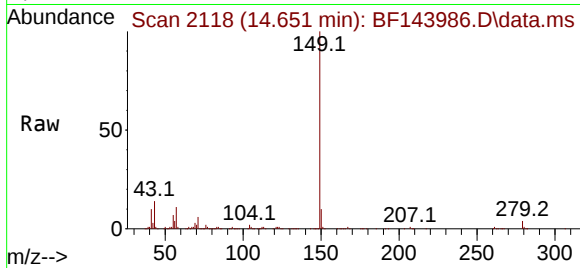




#85
Di-n-octyl phthalate
Concen: 50.947 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

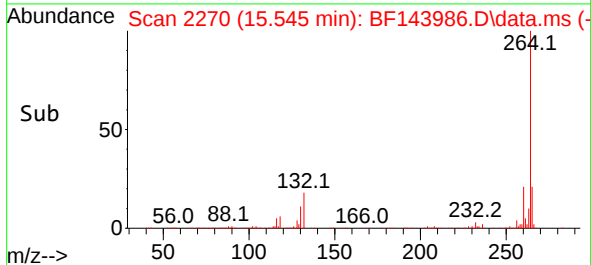
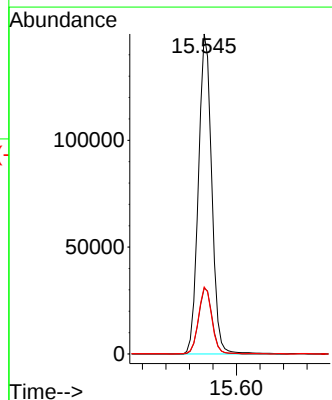
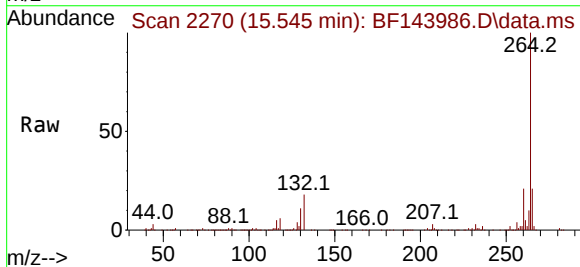
Instrument :
BNA_F
ClientSampleId :
PB170149BS

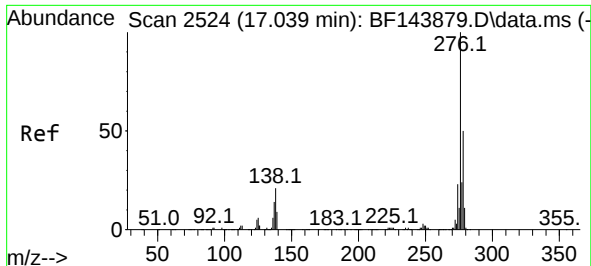
Tgt Ion:149 Resp: 618496
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.5 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:264 Resp: 234681
Ion Ratio Lower Upper
264 100
260 20.6 17.8 26.8
265 20.9 17.5 26.3

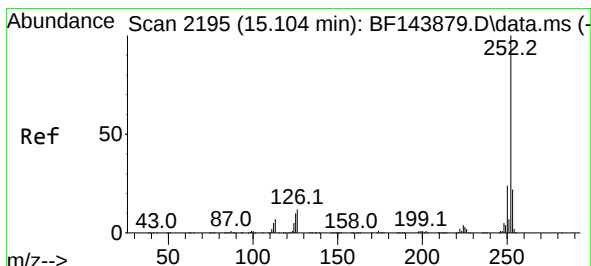
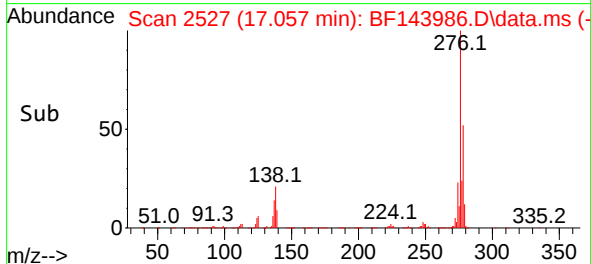
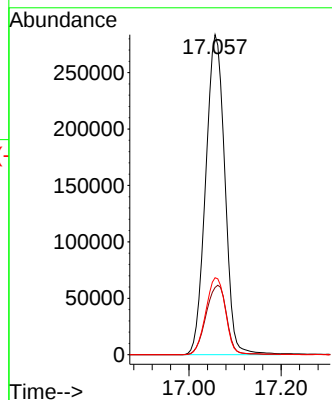
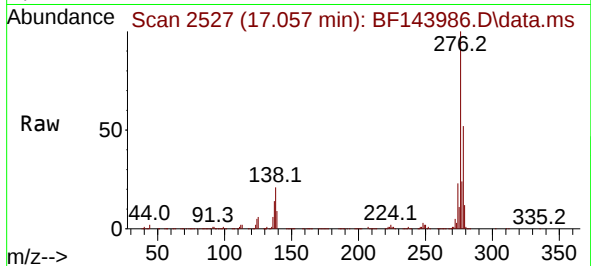




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.955 ng
 RT: 17.057 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

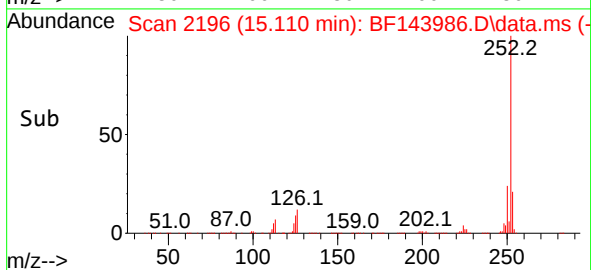
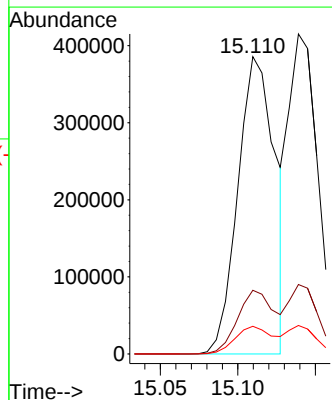
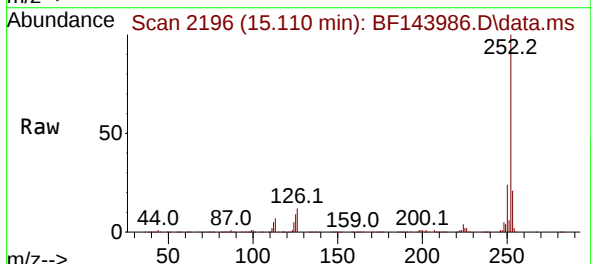
Instrument :
 BNA_F
 ClientSampleId :
 PB170149BS

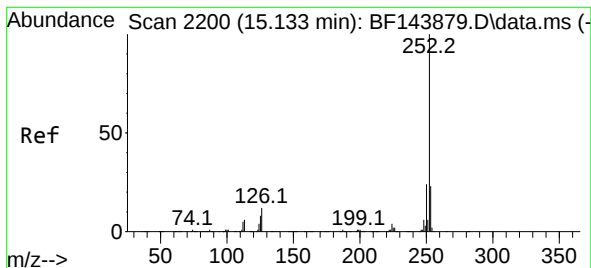
Tgt Ion:276 Resp: 819010
 Ion Ratio Lower Upper
 276 100
 138 23.5 18.2 27.2
 277 24.9 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 47.798 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF143986.D
 Acq: 17 Oct 2025 15:40

Tgt Ion:252 Resp: 644361
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.2
 125 9.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.882 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

PB170149BS

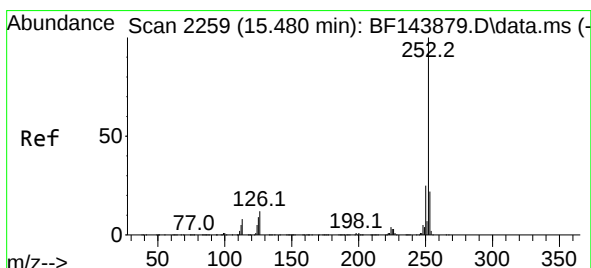
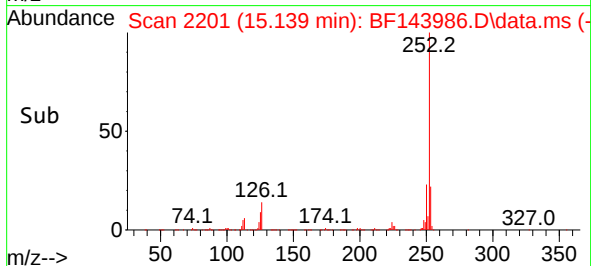
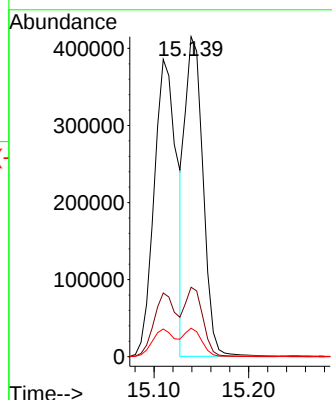
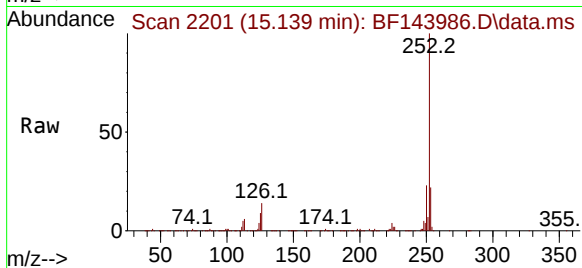
Tgt Ion:252 Resp: 547384

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.258 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143986.D

Acq: 17 Oct 2025 15:40

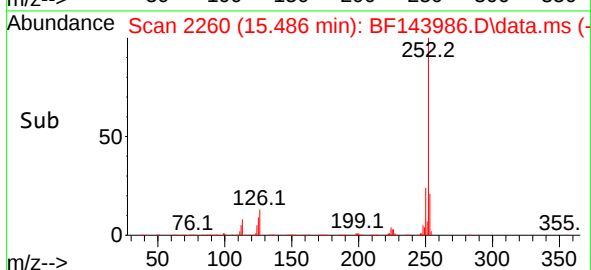
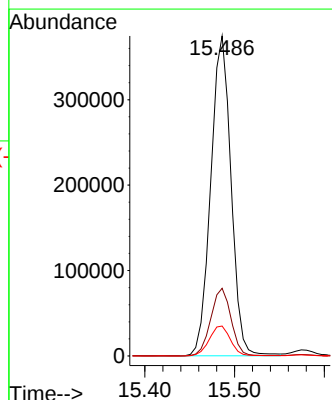
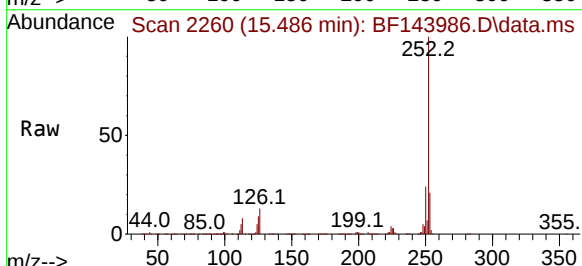
Tgt Ion:252 Resp: 587474

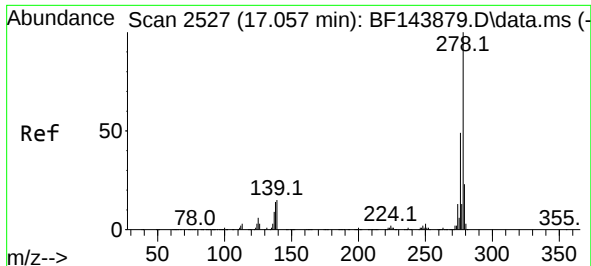
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 9.3 7.0 10.4

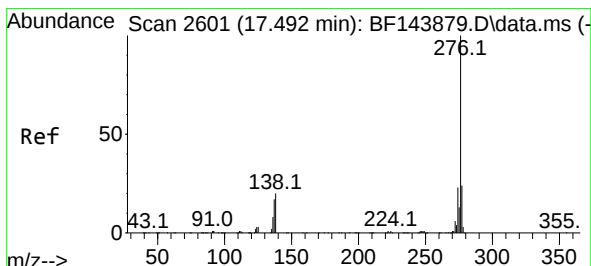
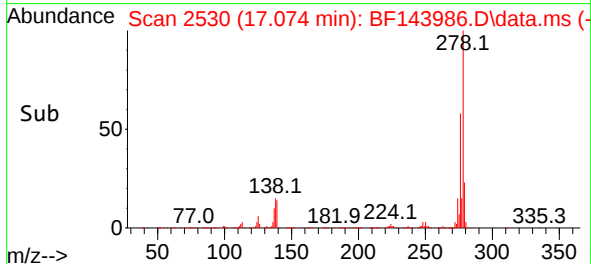
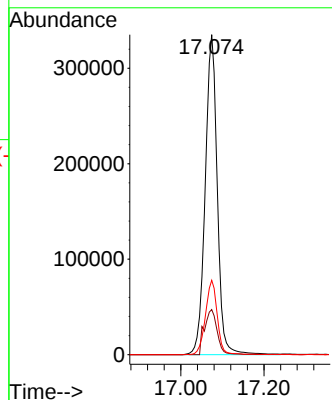
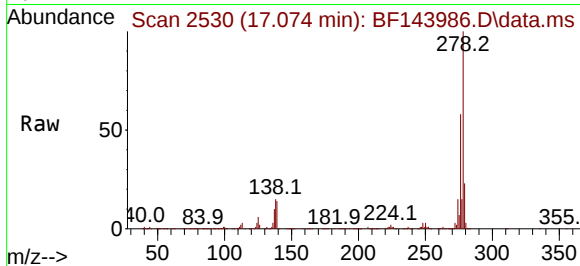




#91
Dibenzo(a,h)anthracene
Concen: 58.555 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Instrument :
BNA_F
ClientSampleId :
PB170149BS

Tgt Ion:278 Resp: 677197
Ion Ratio Lower Upper
278 100
139 14.1 11.7 17.5
279 23.3 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 58.713 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143986.D
Acq: 17 Oct 2025 15:40

Tgt Ion:276 Resp: 679031
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 22.3 16.1 24.1

