

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143956.D
 Acq On : 15 Oct 2025 16:59
 Operator : RC/JU
 Sample : PB170106BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

Quant Time: Oct 16 11:09:41 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	118178	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	460406	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	251791	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	429108	20.000	ng	0.00
76) Chrysene-d12	14.063	240	245664	20.000	ng	0.00
86) Perylene-d12	15.545	264	238733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	853911	114.742	ng	0.00
7) Phenol-d6	6.510	99	1015297	114.457	ng	0.00
23) Nitrobenzene-d5	7.446	82	651365	85.954	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	321806	128.318	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1211644	76.356	ng	-0.01
79) Terphenyl-d14	13.004	244	1360133	94.624	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	133592	38.792	ng	98
3) Pyridine	3.493	79	395050	39.405	ng	99
4) n-Nitrosodimethylamine	3.440	42	231121	43.824	ng	98
6) Aniline	6.546	93	451415	33.960	ng	99
8) 2-Chlorophenol	6.663	128	314384	43.217	ng	98
9) Benzaldehyde	6.434	77	183020	26.746	ng	99
10) Phenol	6.522	94	455681	42.969	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	349325	42.642	ng	98
12) 1,3-Dichlorobenzene	6.822	146	357634	41.071	ng	97
13) 1,4-Dichlorobenzene	6.898	146	371960	43.304	ng	99
14) 1,2-Dichlorobenzene	7.051	146	355002	43.149	ng	99
15) Benzyl Alcohol	7.022	79	297829	44.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	833132	44.679	ng	100
17) 2-Methylphenol	7.134	107	268054	44.587	ng	98
18) Hexachloroethane	7.393	117	121249	42.327	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	251997	41.502	ng	97
20) 3+4-Methylphenols	7.281	107	297414	42.684	ng	# 87
22) Acetophenone	7.293	105	451014	46.329	ng	100
24) Nitrobenzene	7.463	77	372226	44.231	ng	98
25) Isophorone	7.704	82	694583	43.469	ng	99
26) 2-Nitrophenol	7.781	139	177917	49.312	ng	98
27) 2,4-Dimethylphenol	7.816	122	311326	47.968	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	435244	43.121	ng	99
29) 2,4-Dichlorophenol	8.022	162	289172	42.773	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	292671	44.018	ng	99
31) Naphthalene	8.187	128	877904	41.918	ng	100
32) Benzoic acid	7.940	122	225216	50.139	ng	96
33) 4-Chloroaniline	8.234	127	169832	21.621	ng	98
34) Hexachlorobutadiene	8.304	225	190920	41.322	ng	99
35) Caprolactam	8.645	113	35818	16.663	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	287579	44.284	ng	99
37) 2-Methylnaphthalene	8.881	142	535171	38.361	ng	99
38) 1-Methylnaphthalene	8.981	142	547347	40.448	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	320173	46.007	ng	99
41) Hexachlorocyclopentadiene	9.034	237	309807	107.308	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	220298	43.325	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143956.D
 Acq On : 15 Oct 2025 16:59
 Operator : RC/JU
 Sample : PB170106BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

Quant Time: Oct 16 11:09:41 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

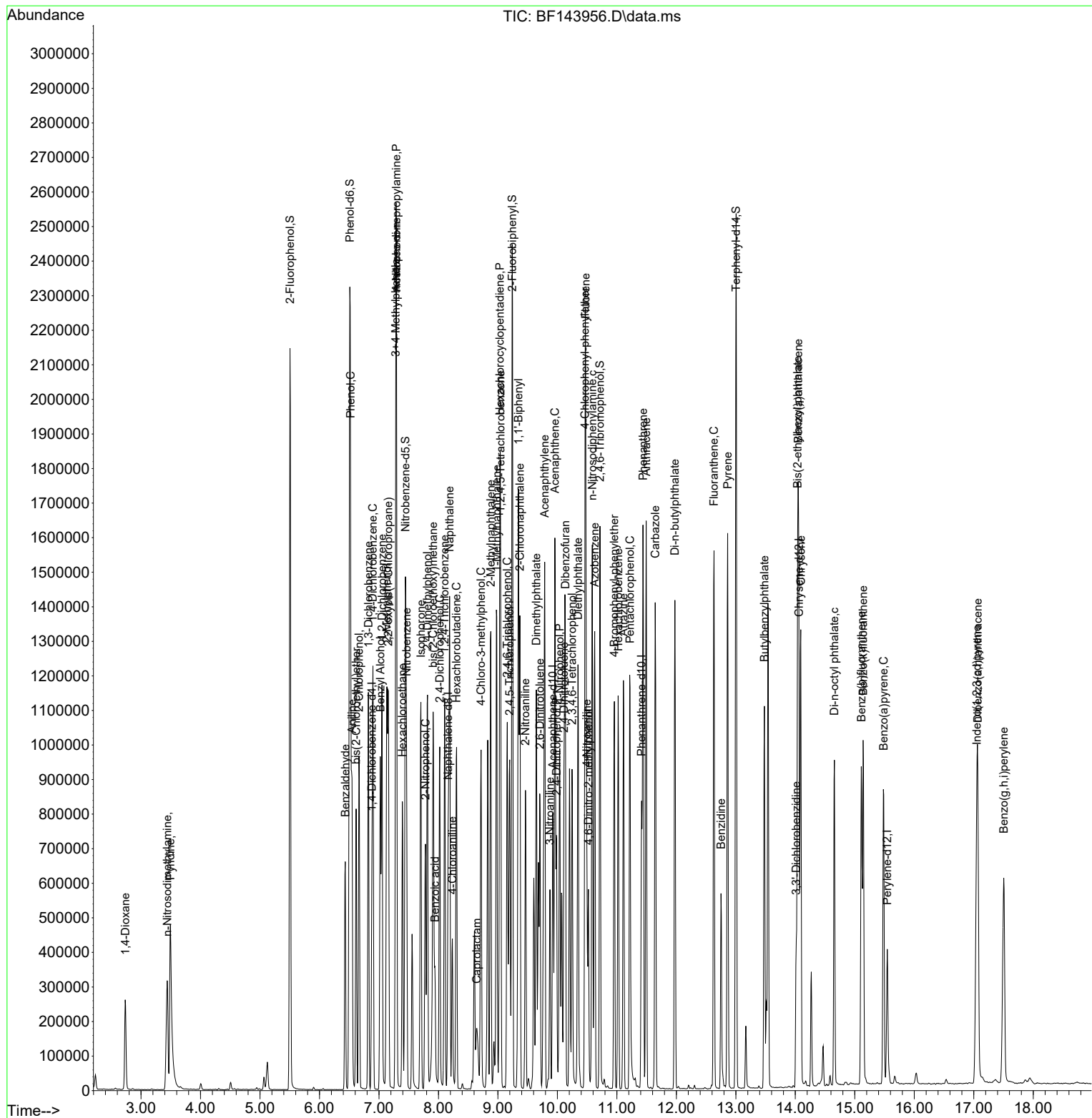
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	240387	44.736	ng	100
46) 1,1'-Biphenyl	9.345	154	767575	46.043	ng	98
47) 2-Chloronaphthalene	9.369	162	587729	42.284	ng	98
48) 2-Nitroaniline	9.463	65	213127	48.500	ng	99
49) Acenaphthylene	9.787	152	940380	48.124	ng	99
50) Dimethylphthalate	9.645	163	699337	43.737	ng	100
51) 2,6-Dinitrotoluene	9.704	165	152373	51.391	ng	97
52) Acenaphthene	9.957	154	577424	45.097	ng	99
53) 3-Nitroaniline	9.875	138	119654	32.958	ng	97
54) 2,4-Dinitrophenol	9.987	184	152433	83.056	ng	# 89
55) Dibenzofuran	10.134	168	780024	43.156	ng	97
56) 4-Nitrophenol	10.039	139	233052	84.781	ng	98
57) 2,4-Dinitrotoluene	10.110	165	211536	52.435	ng	100
58) Fluorene	10.475	166	586756	43.022	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	179010	47.062	ng	# 99
60) Diethylphthalate	10.345	149	661433	44.527	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	307575	42.656	ng	97
62) 4-Nitroaniline	10.492	138	161525	46.267	ng	96
63) Azobenzene	10.628	77	699038	45.026	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	114793	53.234	ng	95
66) n-Nitrosodiphenylamine	10.586	169	602615	44.726	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	206146	43.469	ng	99
68) Hexachlorobenzene	11.022	284	242370	44.146	ng	100
69) Atrazine	11.110	200	194746	47.688	ng	98
70) Pentachlorophenol	11.222	266	252311	80.018	ng	98
71) Phenanthrene	11.439	178	896326	43.086	ng	99
72) Anthracene	11.492	178	919586	43.756	ng	99
73) Carbazole	11.645	167	824335	44.287	ng	99
74) Di-n-butylphthalate	11.975	149	987146	45.760	ng	100
75) Fluoranthene	12.633	202	953109	44.355	ng	100
77) Benzidine	12.751	184	337304	39.543	ng	99
78) Pyrene	12.863	202	953436	46.553	ng	99
80) Butylbenzylphthalate	13.480	149	354337	53.272	ng	99
81) Benzo(a)anthracene	14.051	228	760200	47.287	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	133302	27.209	ng	99
83) Chrysene	14.092	228	657949	44.220	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	426338	53.173	ng	100
85) Di-n-octyl phthalate	14.657	149	626607	47.582	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	713984	48.809	ng	99
88) Benzo(b)fluoranthene	15.110	252	634642	46.278	ng	98
89) Benzo(k)fluoranthene	15.139	252	558412	44.006	ng	99
90) Benzo(a)pyrene	15.486	252	572433	48.140	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	576733	49.021	ng	99
92) Benzo(g,h,i)perylene	17.504	276	571889	48.609	ng	97

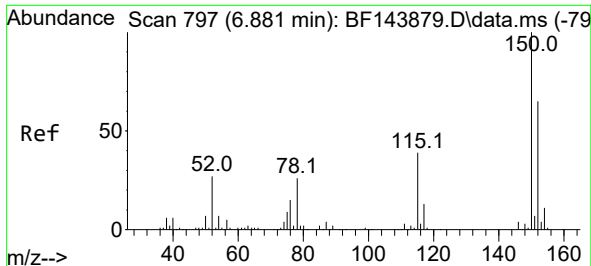
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143956.D
 Acq On : 15 Oct 2025 16:59
 Operator : RC/JU
 Sample : PB170106BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

Quant Time: Oct 16 11:09:41 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

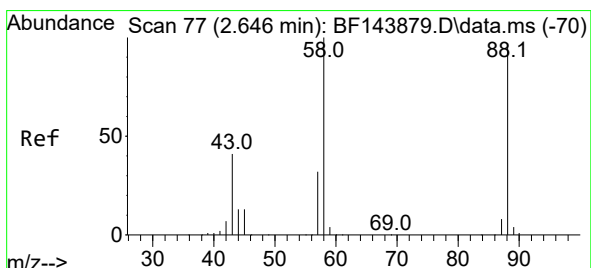
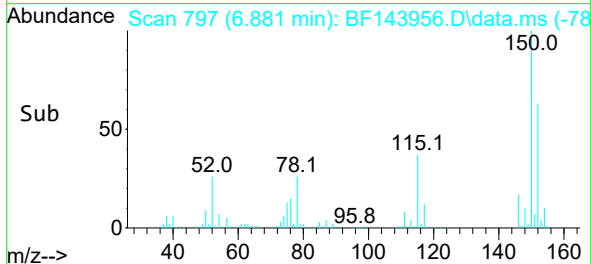
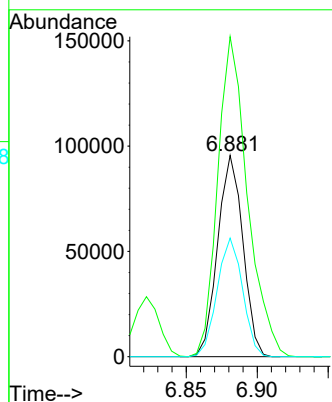
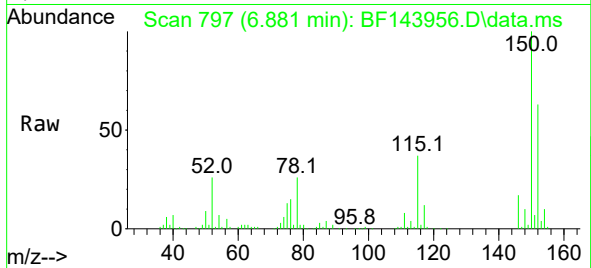




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143956.D
 Acq: 15 Oct 2025 16:59

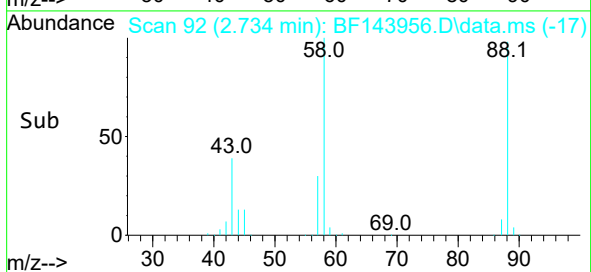
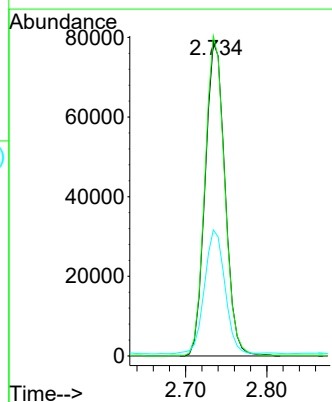
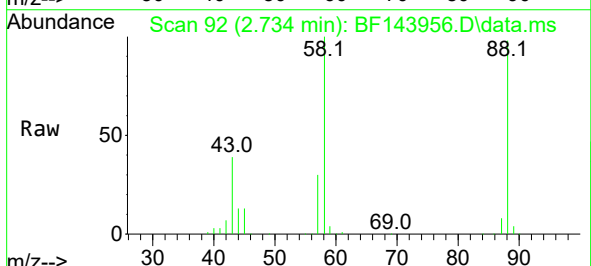
Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

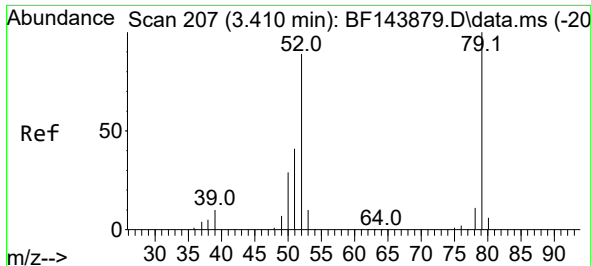
Tgt Ion:152 Resp: 118178
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.4 186.6
 115 58.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 38.792 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.088 min
 Lab File: BF143956.D
 Acq: 15 Oct 2025 16:59

Tgt Ion: 88 Resp: 133592
 Ion Ratio Lower Upper
 88 100
 58 101.4 83.0 124.6
 43 40.6 33.9 50.9

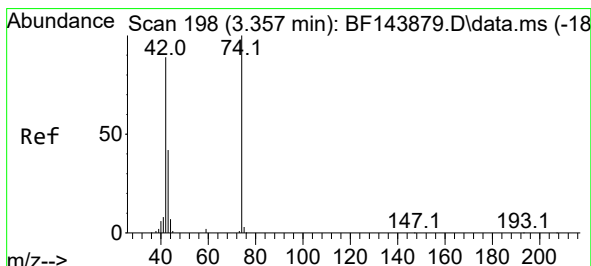
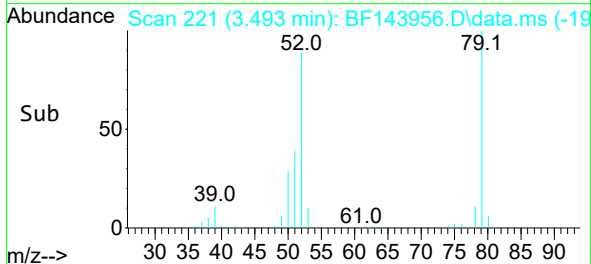
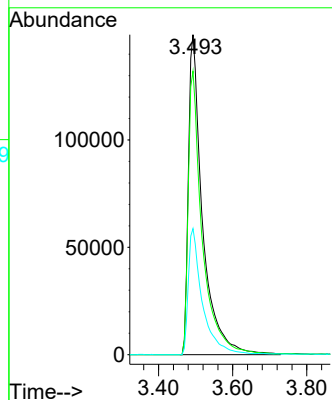
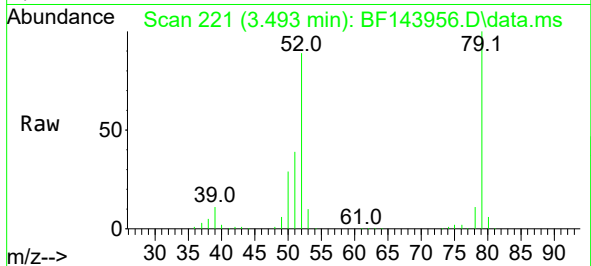




#3
Pyridine
Concen: 39.405 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

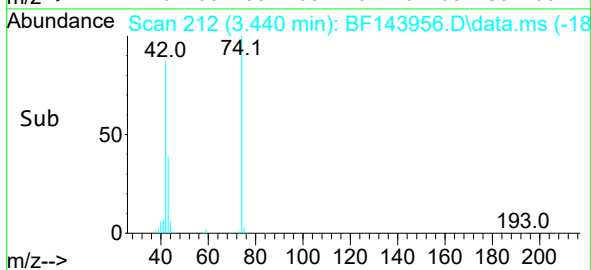
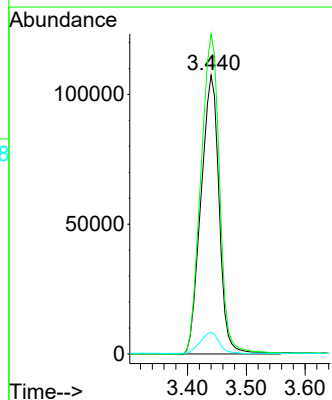
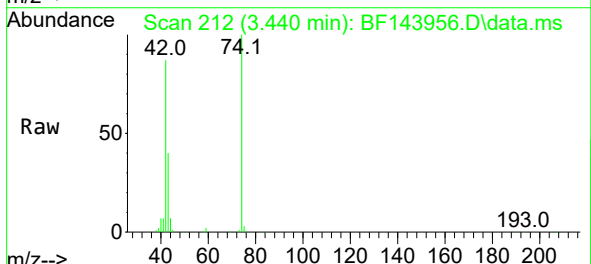
Instrument :
BNA_F
ClientSampleId :
PB170106BS

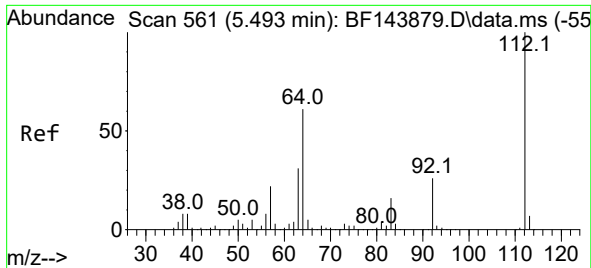
Tgt Ion: 79 Resp: 395050
Ion Ratio Lower Upper
79 100
52 88.6 71.5 107.3
51 39.4 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 43.824 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion: 42 Resp: 231121
Ion Ratio Lower Upper
42 100
74 114.8 90.0 135.0
44 7.7 6.2 9.2

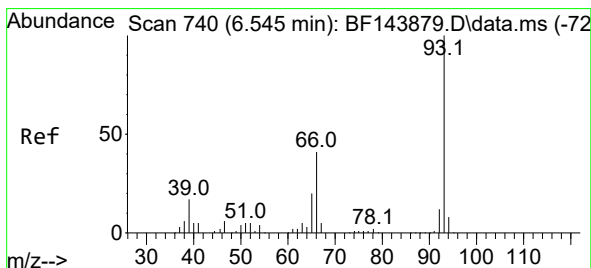
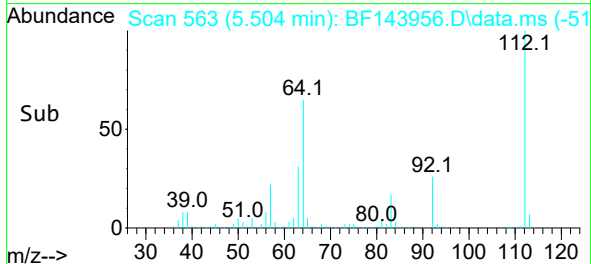
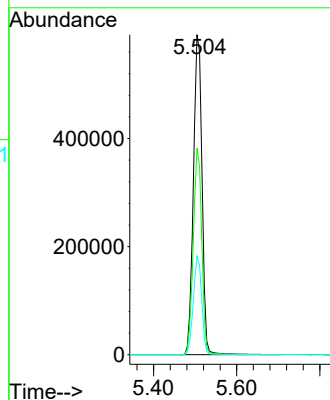
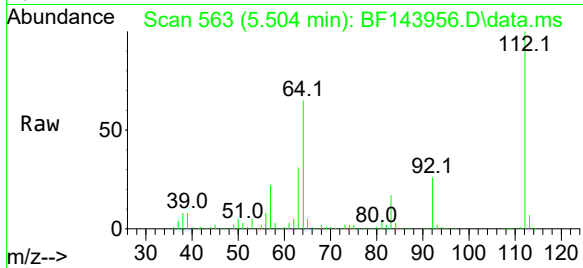




#5
2-Fluorophenol
Concen: 114.742 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

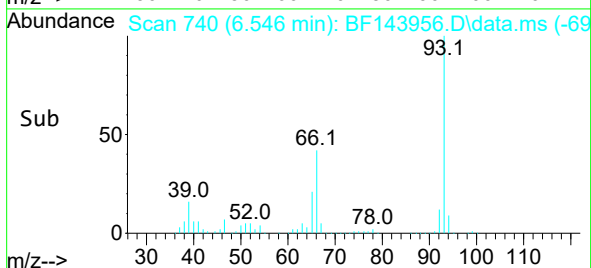
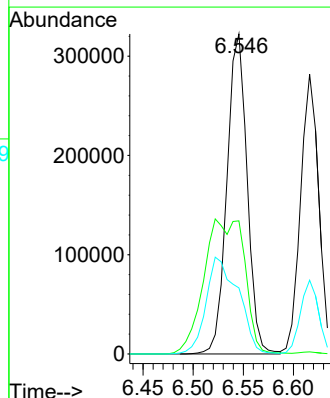
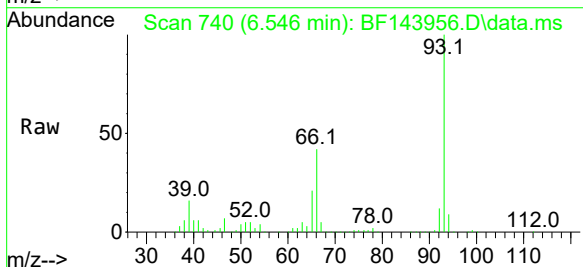
Instrument :
BNA_F
ClientSampleId :
PB170106BS

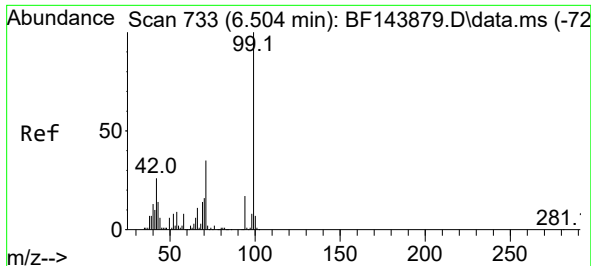
Tgt Ion:112 Resp: 853911
Ion Ratio Lower Upper
112 100
64 64.5 49.1 73.7
63 30.8 24.5 36.7



#6
Aniline
Concen: 33.960 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion: 93 Resp: 451415
Ion Ratio Lower Upper
93 100
66 41.6 33.0 49.6
65 20.7 15.8 23.8

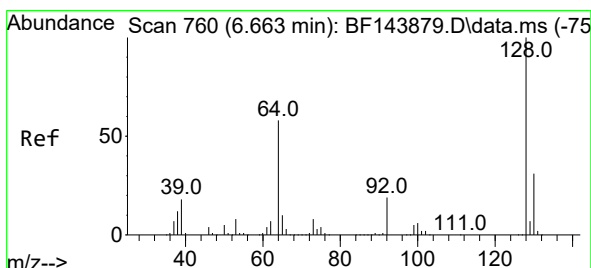
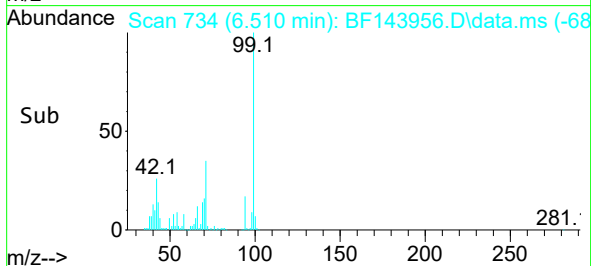
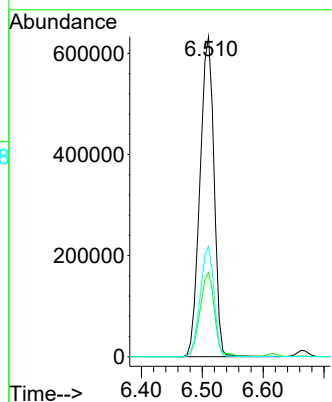
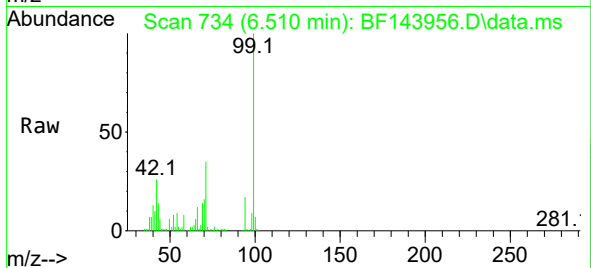




#7
Phenol-d6
Concen: 114.457 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

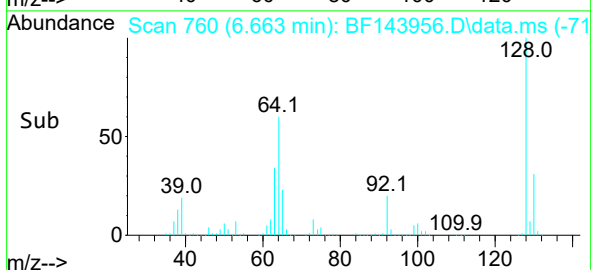
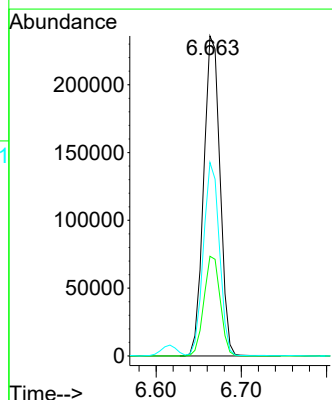
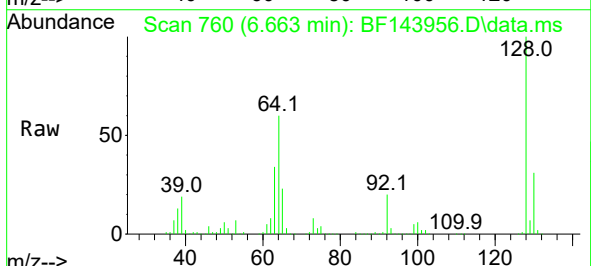
Instrument :
BNA_F
ClientSampleId :
PB170106BS

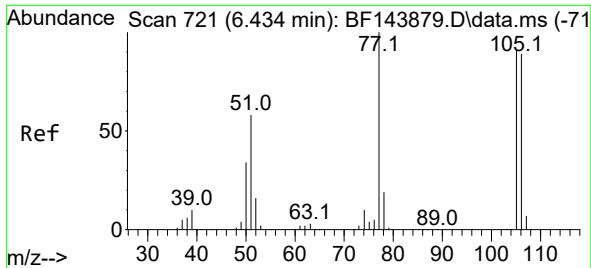
Tgt Ion: 99 Resp: 1015297
Ion Ratio Lower Upper
99 100
42 26.4 21.0 31.4
71 34.6 27.8 41.8



#8
2-Chlorophenol
Concen: 43.217 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:128 Resp: 314384
Ion Ratio Lower Upper
128 100
130 31.2 10.7 50.7
64 60.5 39.0 79.0

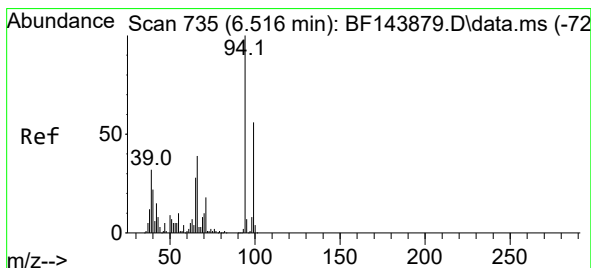
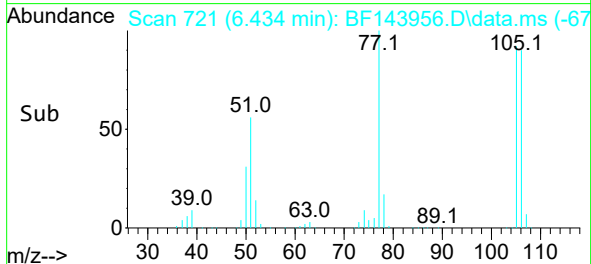
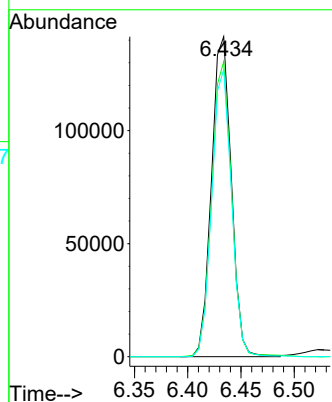
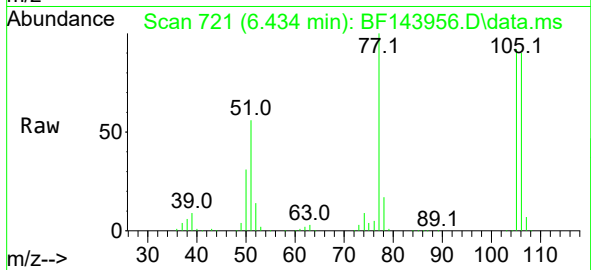




#9
Benzaldehyde
Concen: 26.746 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

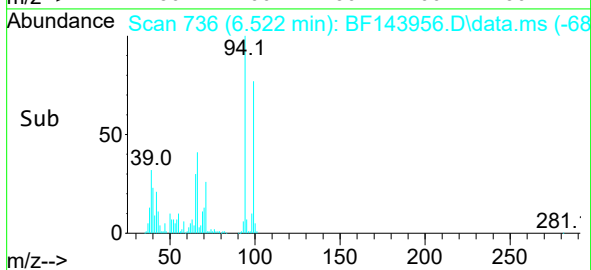
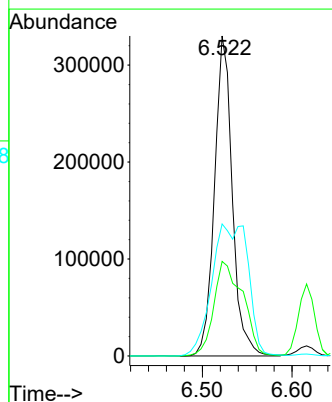
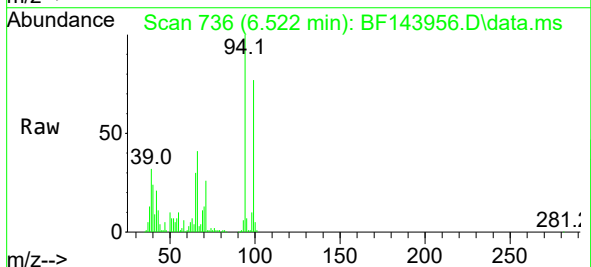
Instrument :
BNA_F
ClientSampleId :
PB170106BS

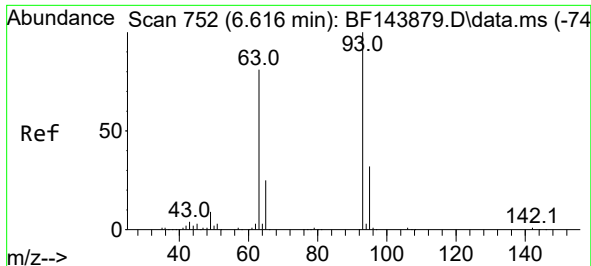
Tgt Ion: 77 Resp: 183020
Ion Ratio Lower Upper
77 100
105 92.2 70.9 110.9
106 89.8 68.9 108.9



#10
Phenol
Concen: 42.969 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion: 94 Resp: 455681
Ion Ratio Lower Upper
94 100
65 29.6 8.5 48.5
66 41.2 19.9 59.9

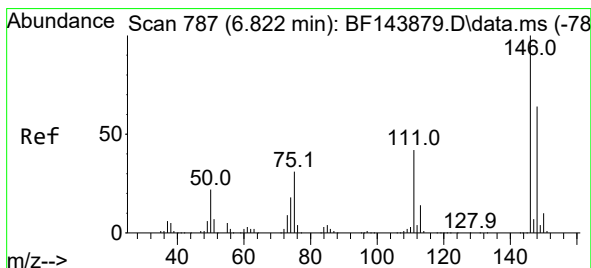
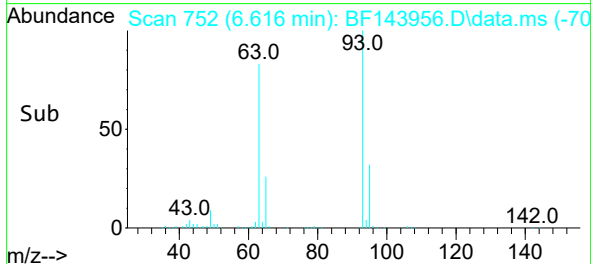
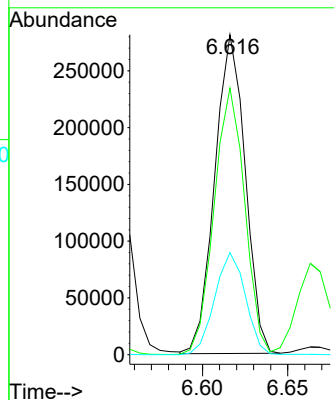
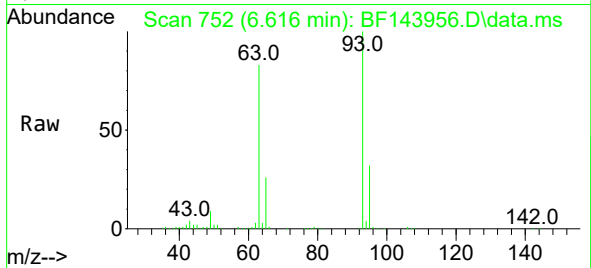




#11
bis(2-Chloroethyl)ether
Concen: 42.642 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

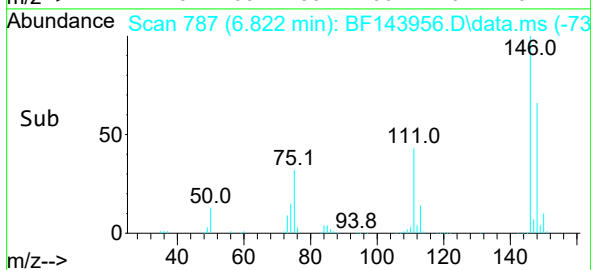
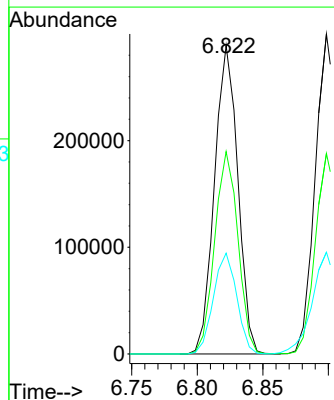
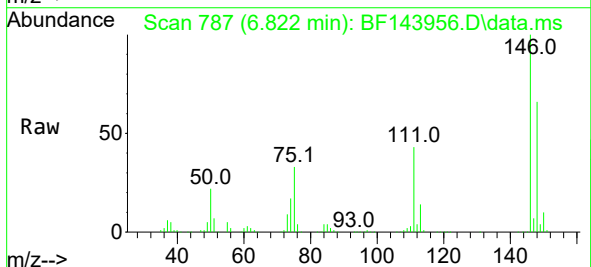
Instrument :
BNA_F
ClientSampleId :
PB170106BS

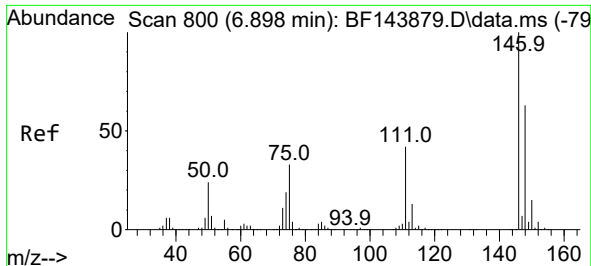
Tgt Ion: 93 Resp: 349325
Ion Ratio Lower Upper
93 100
63 83.3 60.9 100.9
95 31.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.071 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:146 Resp: 357634
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.4
75 32.7 24.9 37.3

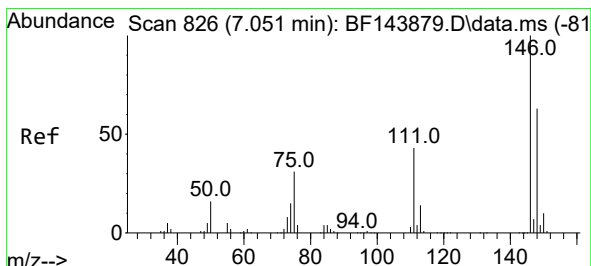
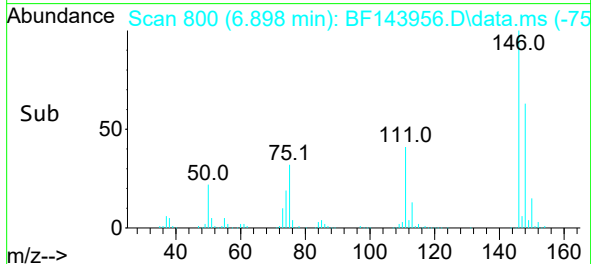
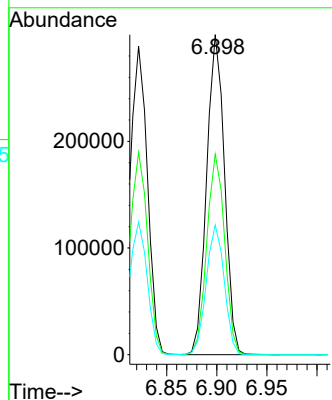
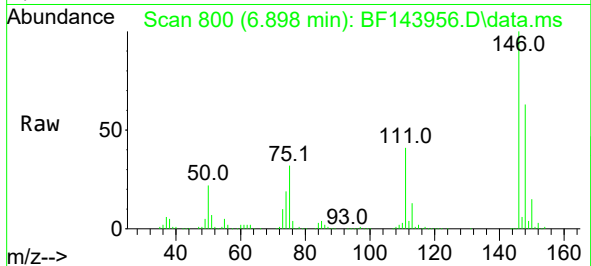




#13
1,4-Dichlorobenzene
Concen: 43.304 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

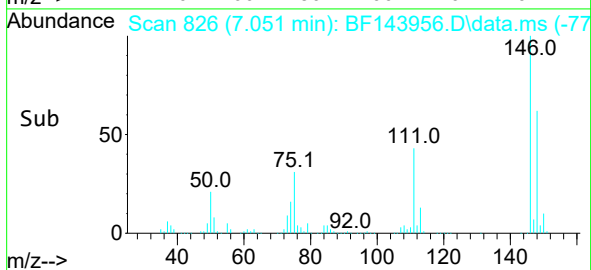
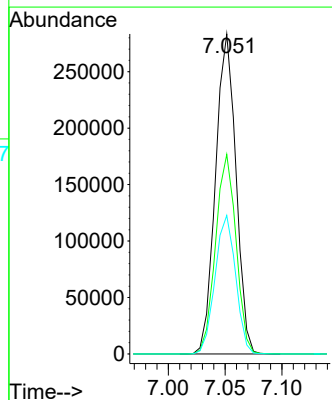
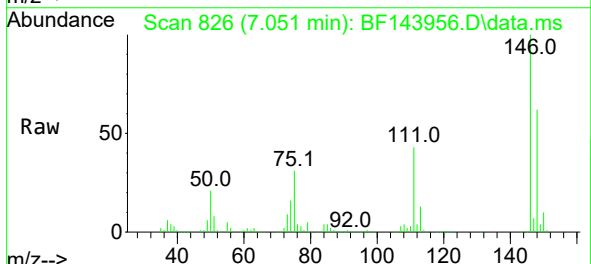
Instrument :
BNA_F
ClientSampleId :
PB170106BS

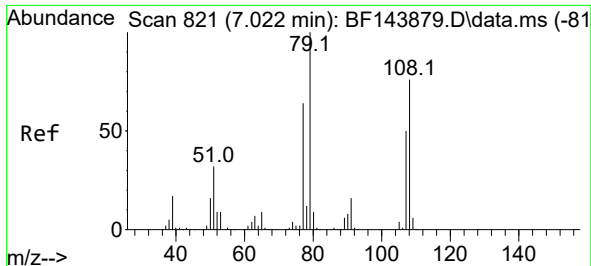
Tgt Ion:146 Resp: 371960
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 40.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 43.149 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:146 Resp: 355002
Ion Ratio Lower Upper
146 100
148 62.3 50.6 75.8
111 43.3 34.6 51.8

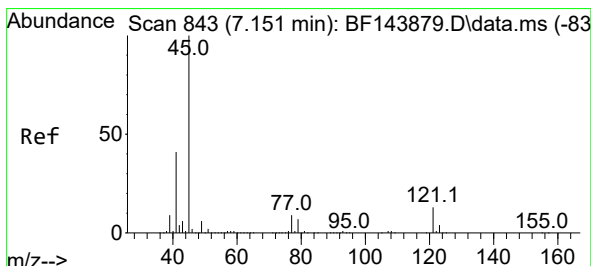
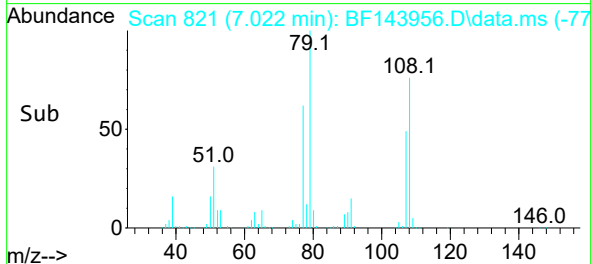
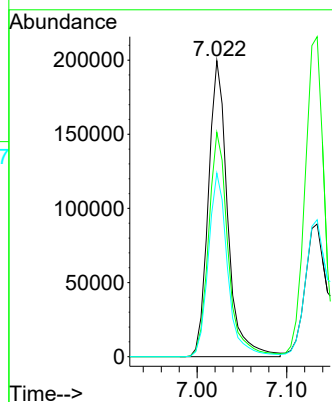
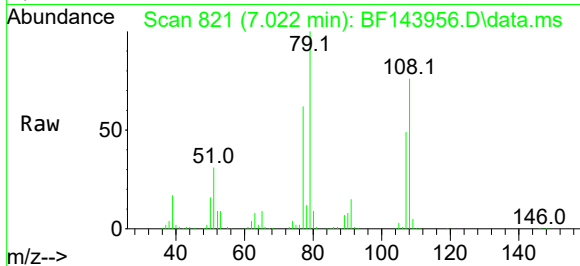




#15
Benzyl Alcohol
Concen: 44.811 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

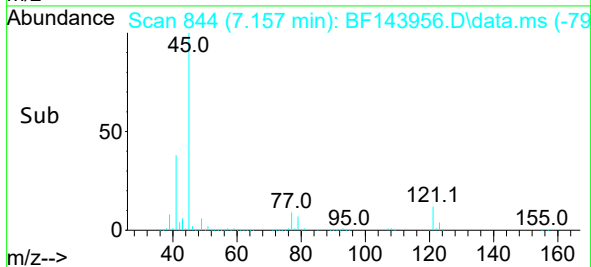
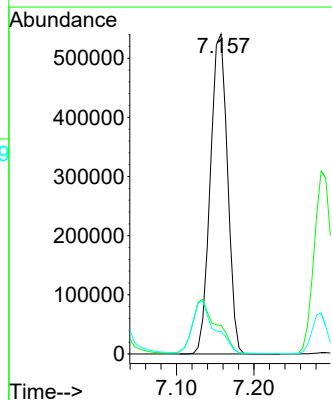
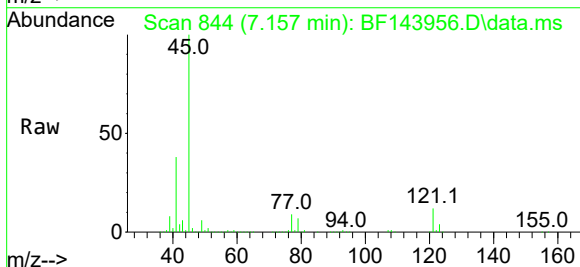
Instrument :
BNA_F
ClientSampleId :
PB170106BS

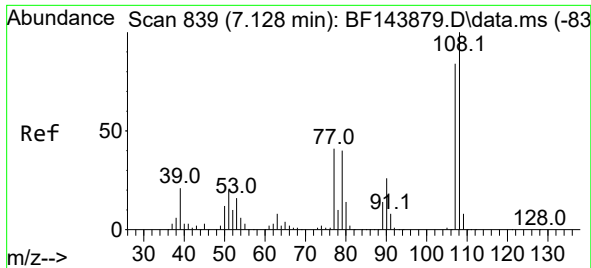
Tgt Ion: 79 Resp: 297829
Ion Ratio Lower Upper
79 100
108 75.8 60.8 91.2
77 62.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.679 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion: 45 Resp: 833132
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 7.0 0.0 26.8

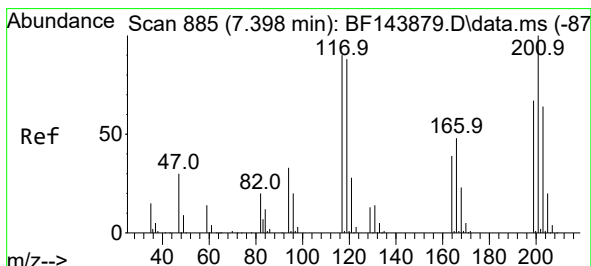
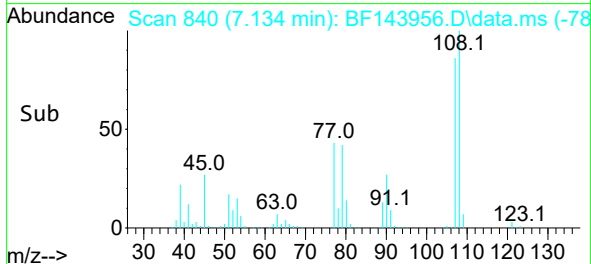
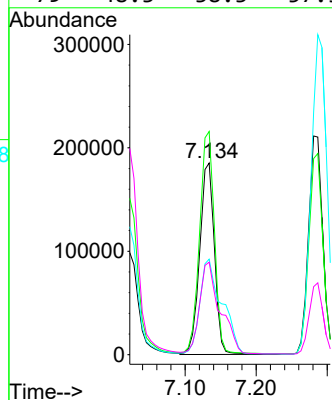
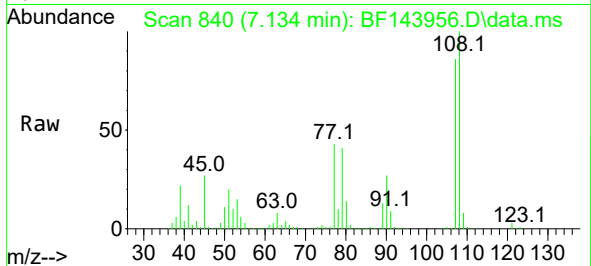




#17
2-Methylphenol
Concen: 44.587 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

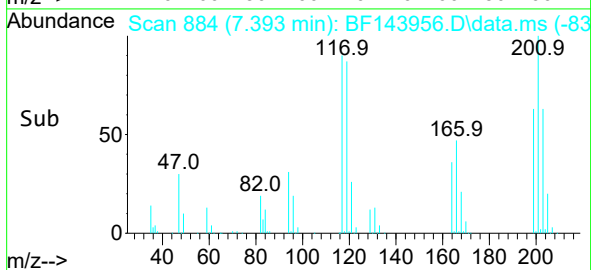
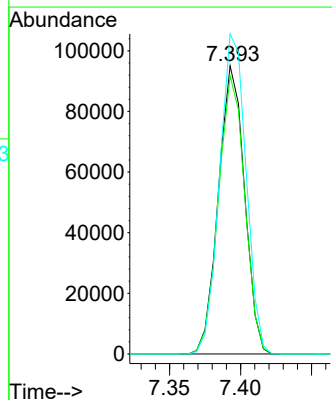
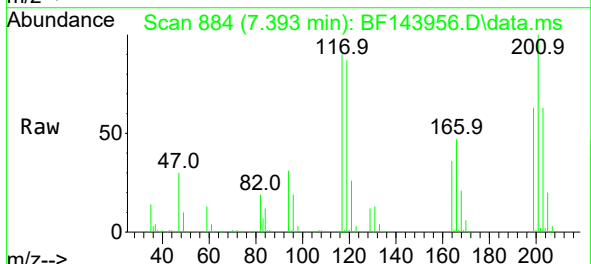
Instrument :
BNA_F
ClientSampleId :
PB170106BS

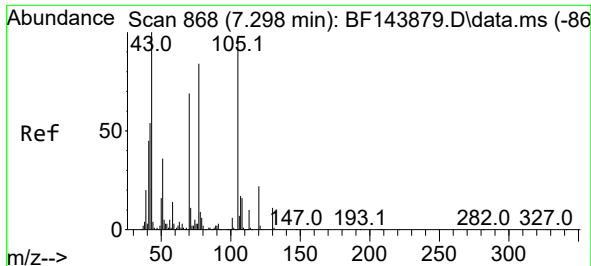
Tgt Ion:	107	Resp:	268054
Ion	Ratio	Lower	Upper
107	100		
108	116.4	94.7	142.1
77	49.8	38.8	58.2
79	48.3	38.3	57.5



#18
Hexachloroethane
Concen: 42.327 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:	117	Resp:	121249
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	111.1	88.5	132.7

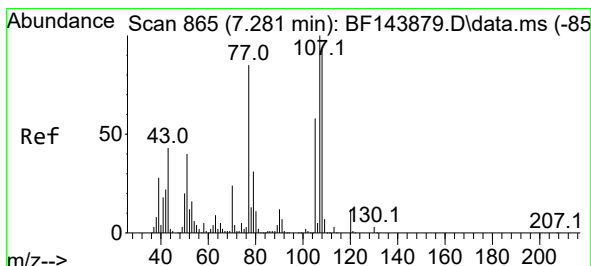
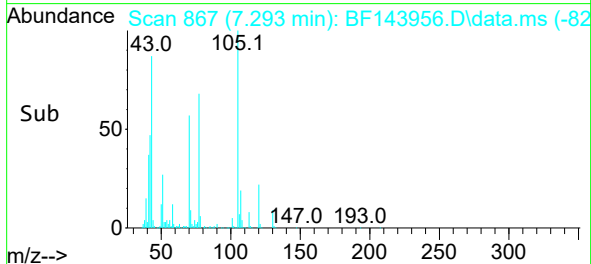
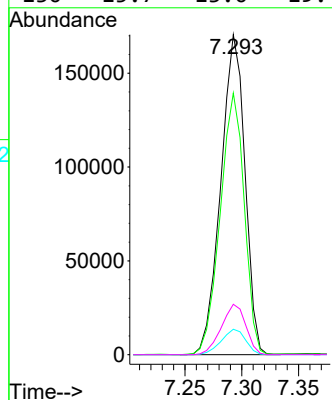
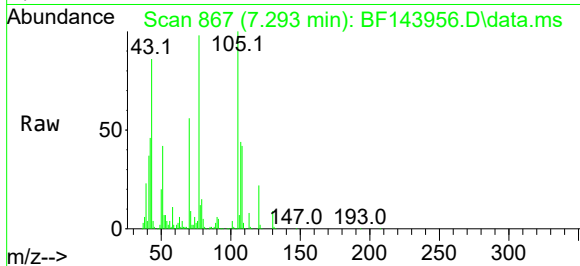




#19
n-Nitroso-di-n-propylamine
Concen: 41.502 ng
RT: 7.293 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

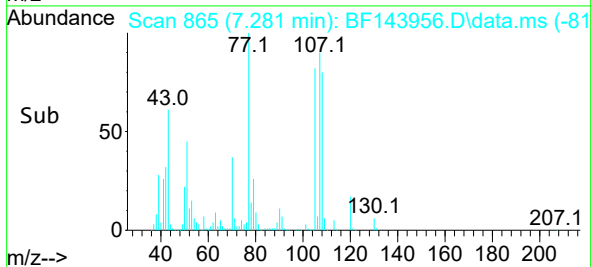
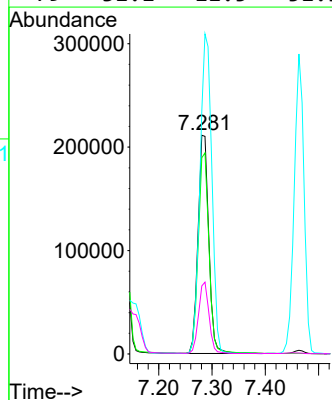
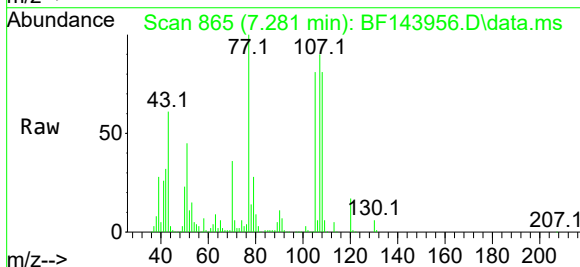
Instrument :
BNA_F
ClientSampleId :
PB170106BS

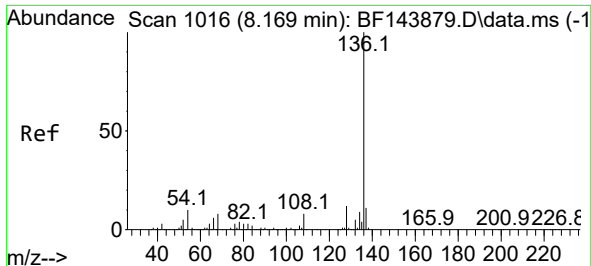
Tgt Ion: 70 Resp: 251997
Ion Ratio Lower Upper
70 100
42 81.8 62.8 94.2
101 8.0 6.7 10.1
130 15.7 13.0 19.4



#20
3+4-Methylphenols
Concen: 42.684 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:107 Resp: 297414
Ion Ratio Lower Upper
107 100
108 89.7 73.0 113.0
77 110.9 64.6 104.6#
79 31.1 11.5 51.5

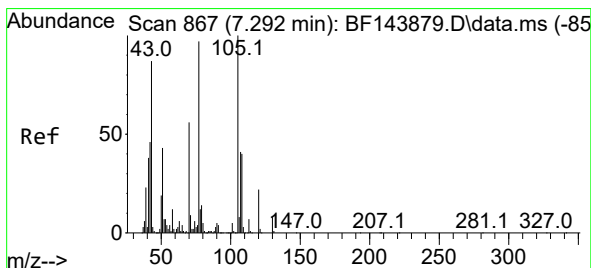
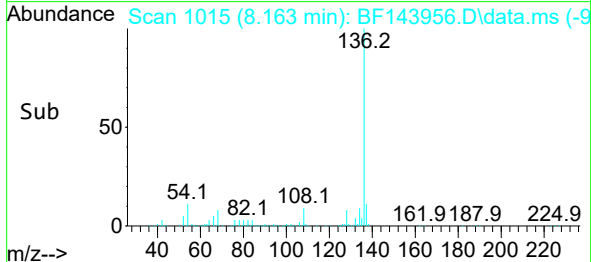
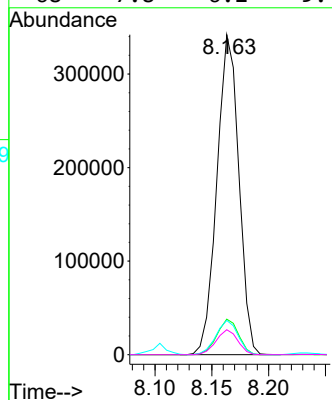
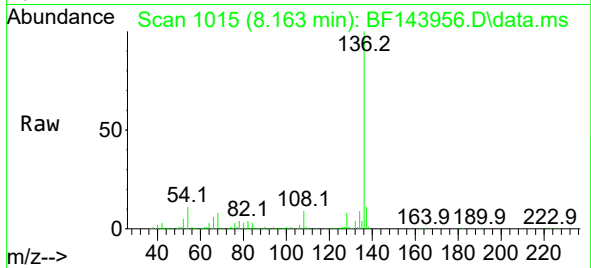




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

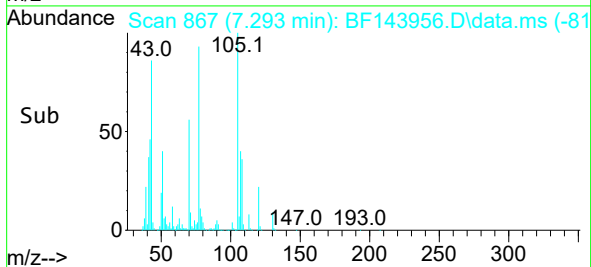
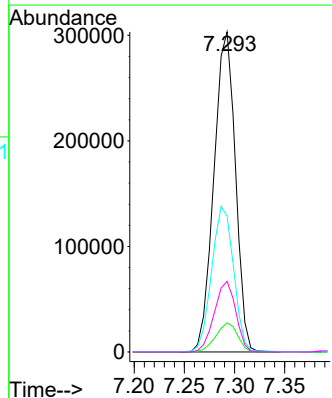
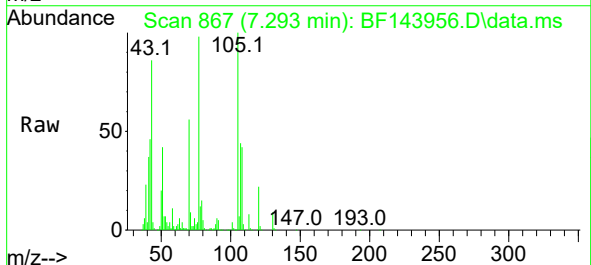
Instrument :
BNA_F
ClientSampleId :
PB170106BS

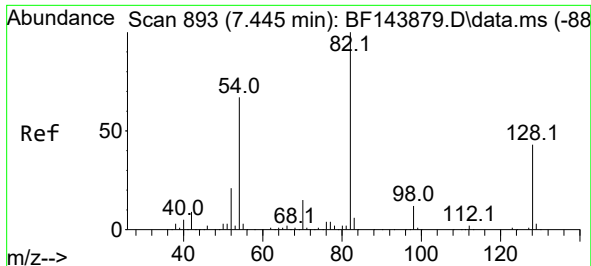
Tgt Ion:136 Resp: 460406
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.7 8.2 12.4
68 7.8 6.2 9.4



#22
Acetophenone
Concen: 46.329 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:105 Resp: 451014
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.0
51 42.5 34.2 51.4
120 22.1 17.7 26.5

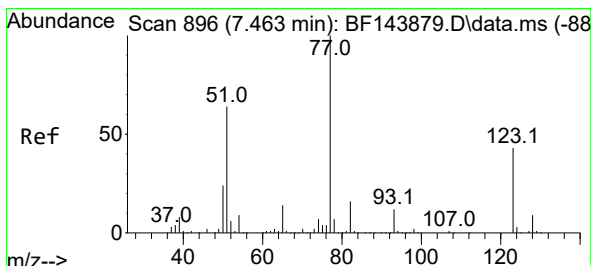
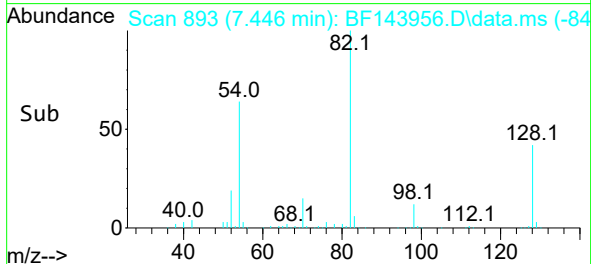
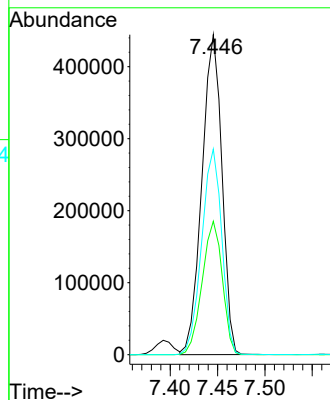
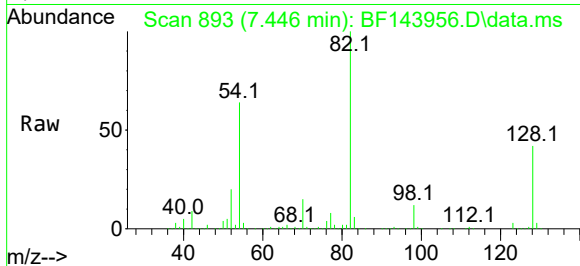




#23
Nitrobenzene-d5
Concen: 85.954 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

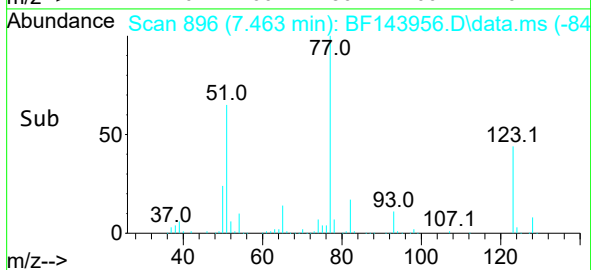
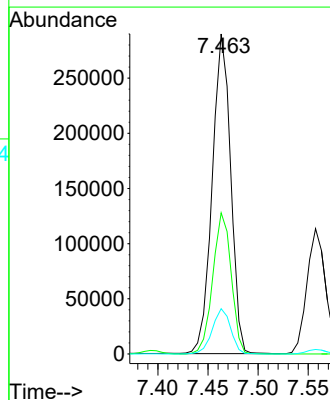
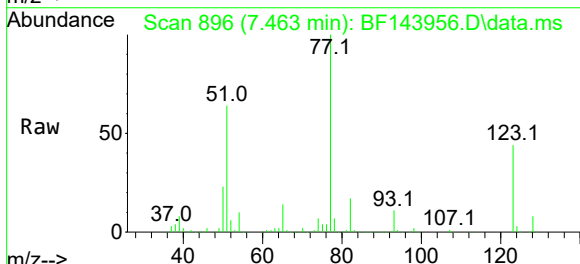
Instrument :
BNA_F
ClientSampleId :
PB170106BS

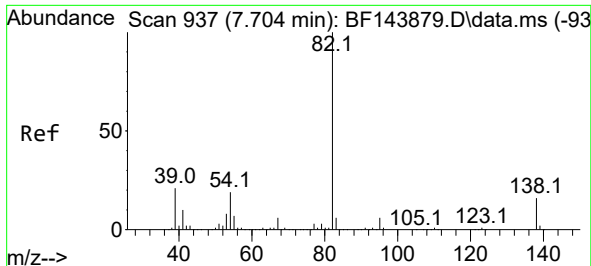
Tgt Ion: 82 Resp: 651365
Ion Ratio Lower Upper
82 100
128 41.7 34.0 51.0
54 64.2 53.2 79.8



#24
Nitrobenzene
Concen: 44.231 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion: 77 Resp: 372226
Ion Ratio Lower Upper
77 100
123 44.1 34.2 51.4
65 14.2 11.0 16.6

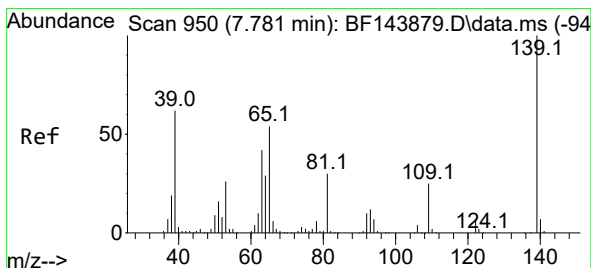
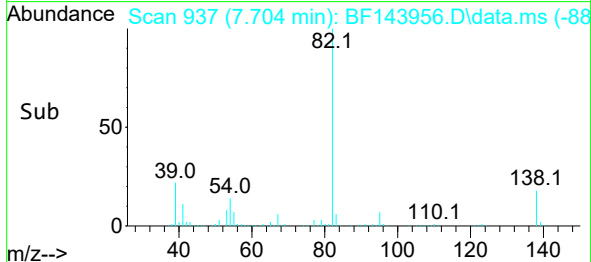
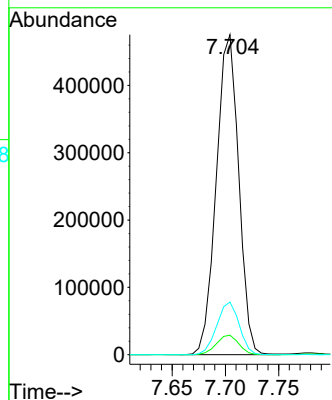
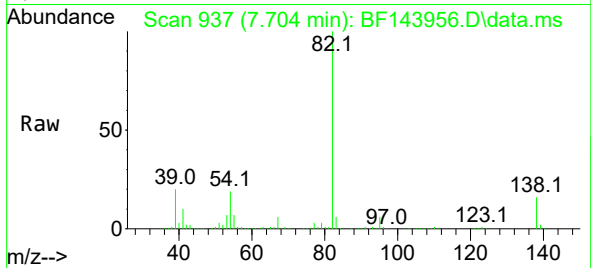




#25
Isophorone
Concen: 43.469 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

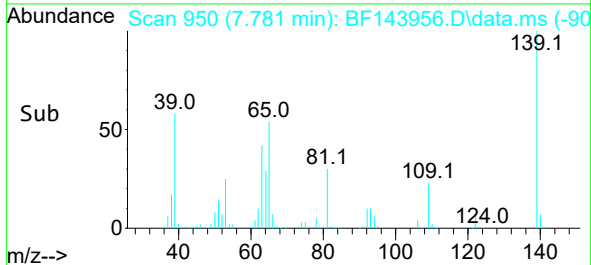
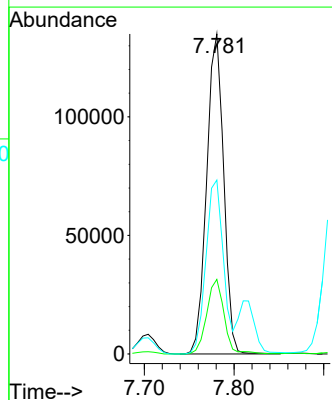
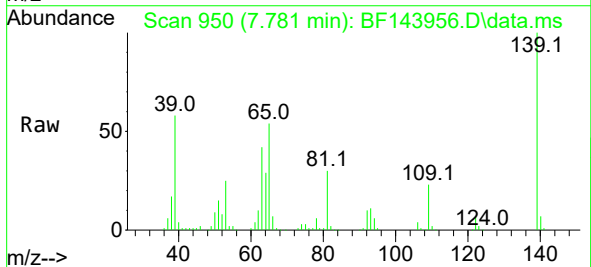
Instrument :
BNA_F
ClientSampleId :
PB170106BS

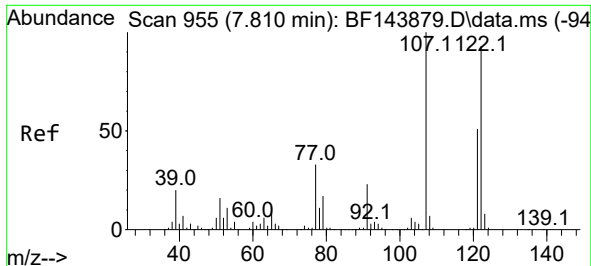
Tgt Ion: 82 Resp: 694583
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 49.312 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:139 Resp: 177917
Ion Ratio Lower Upper
139 100
109 23.3 19.8 29.6
65 54.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.968 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

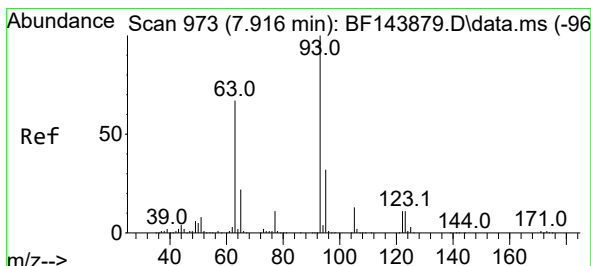
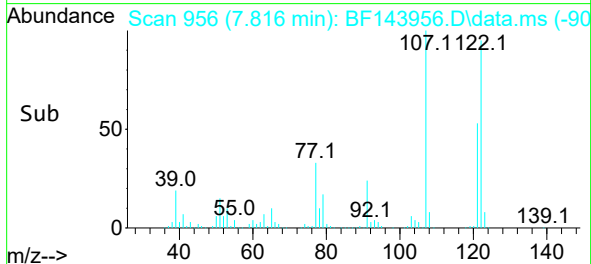
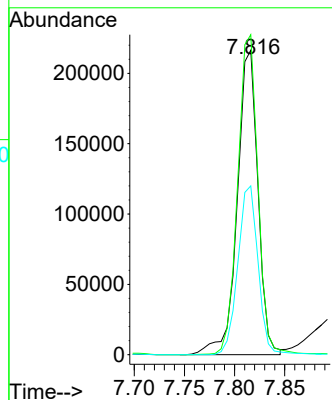
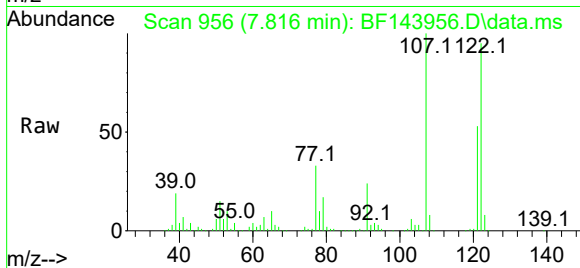
Tgt Ion:122 Resp: 311326

Ion Ratio Lower Upper

122 100

107 105.1 86.1 129.1

121 55.4 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.121 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

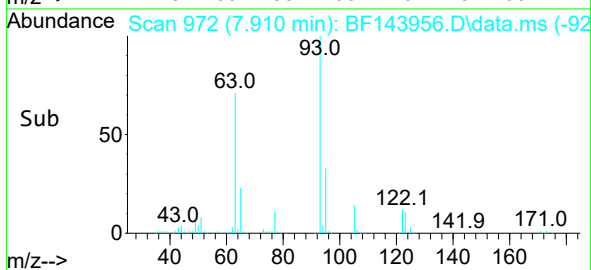
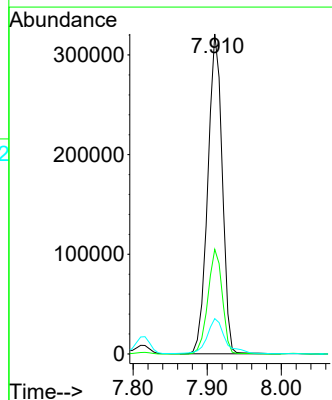
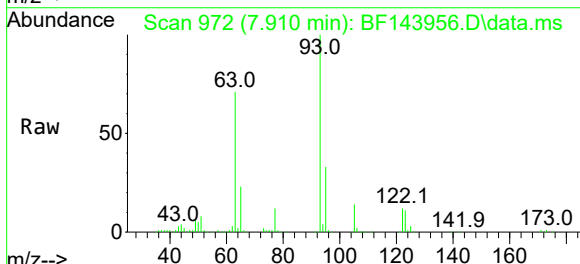
Tgt Ion: 93 Resp: 435244

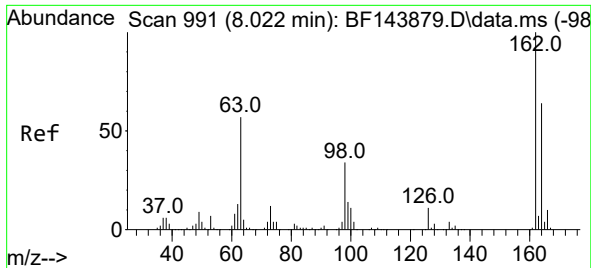
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.773 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

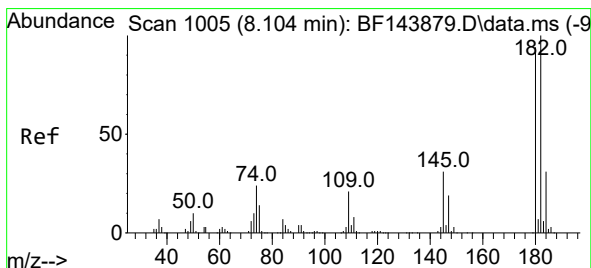
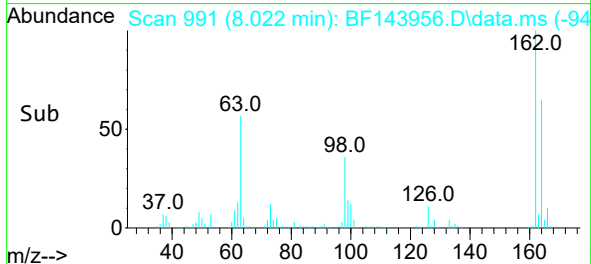
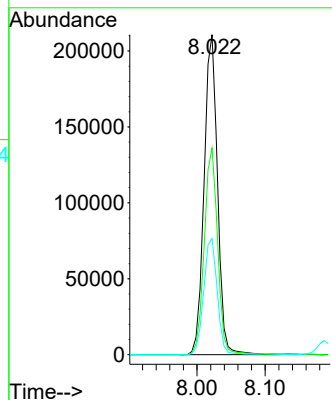
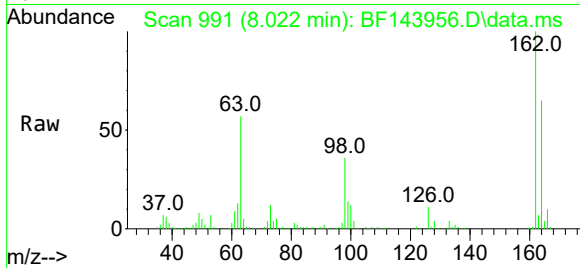
Tgt Ion:162 Resp: 289172

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 36.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 44.018 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

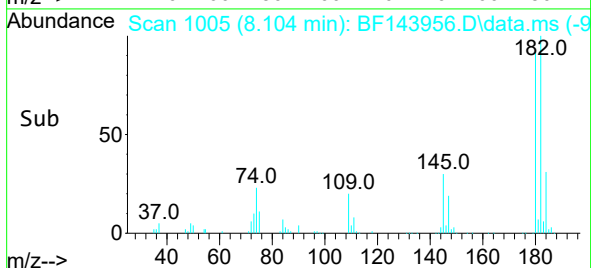
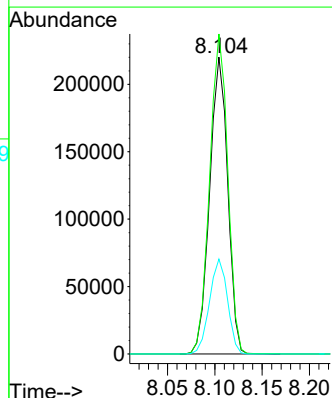
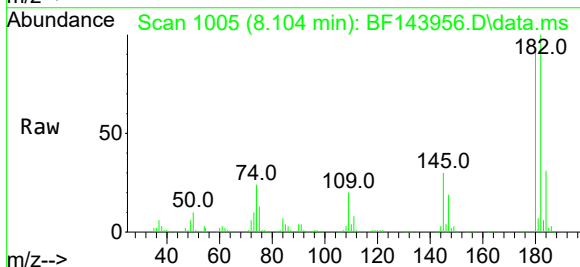
Tgt Ion:180 Resp: 292671

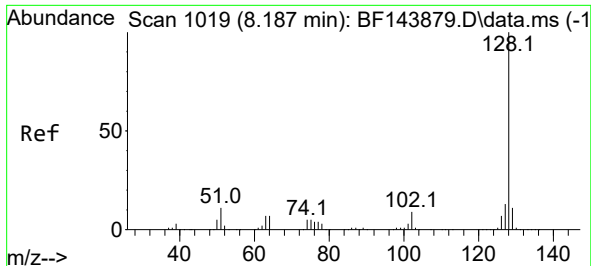
Ion Ratio Lower Upper

180 100

182 107.8 85.4 128.0

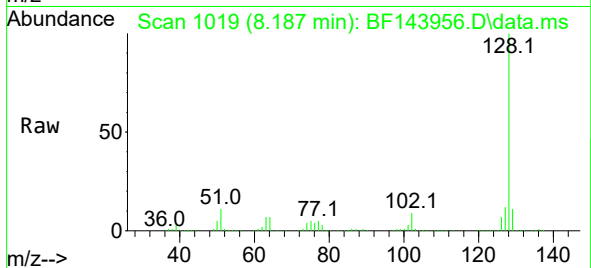
145 31.9 26.3 39.5



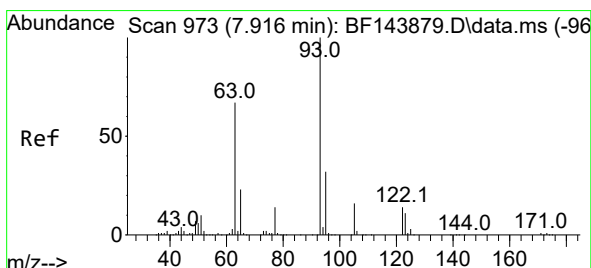
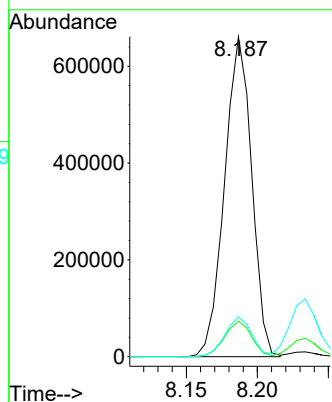
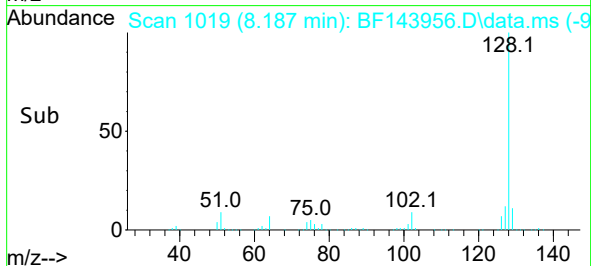


#31
Naphthalene
Concen: 41.918 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

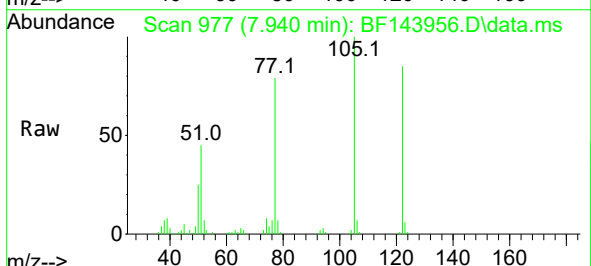
Instrument :
BNA_F
ClientSampleId :
PB170106BS



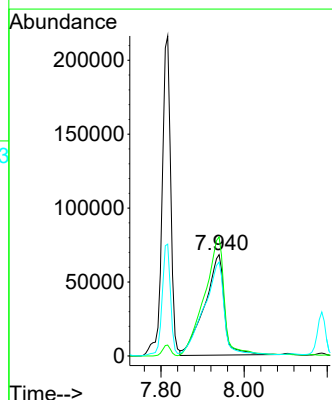
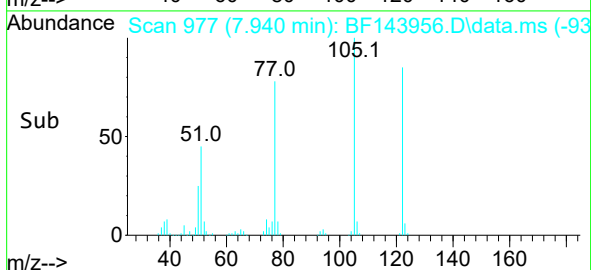
Tgt Ion:128 Resp: 877904
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.4 10.0 15.0

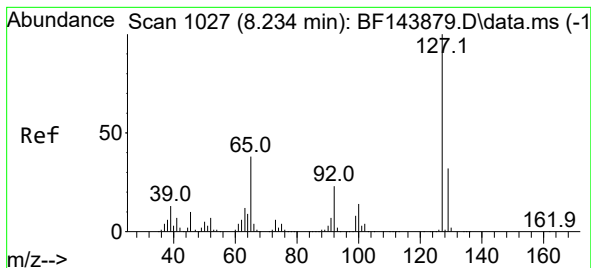


#32
Benzoic acid
Concen: 50.139 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59



Tgt Ion:122 Resp: 225216
Ion Ratio Lower Upper
122 100
105 117.6 93.5 133.5
77 92.7 76.3 116.3



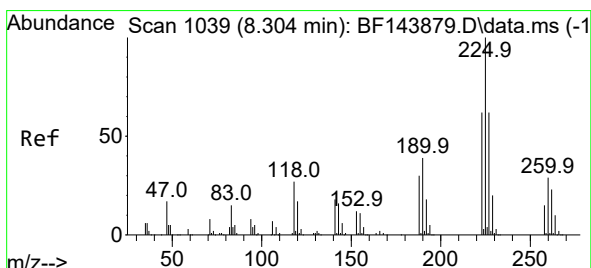
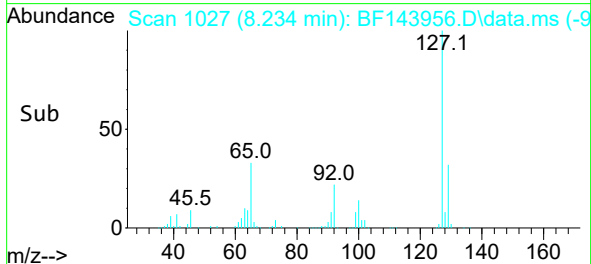
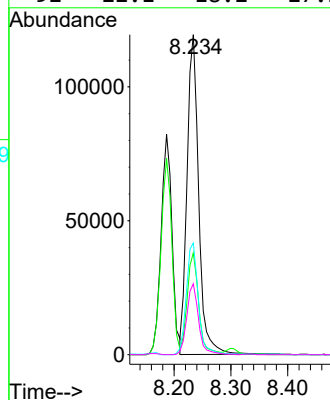
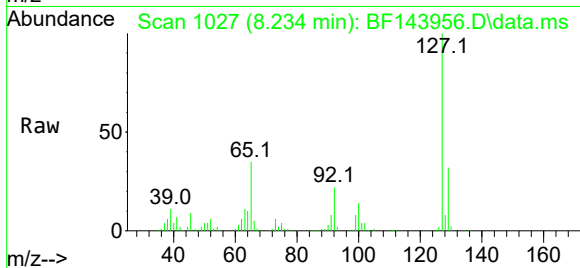


#33
4-Chloroaniline
Concen: 21.621 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB170106BS

Tgt Ion:127 Resp: 169832

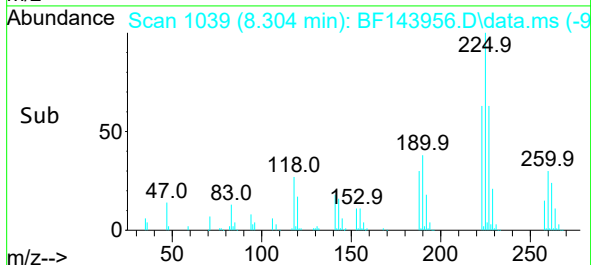
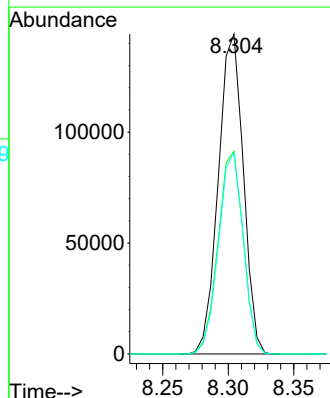
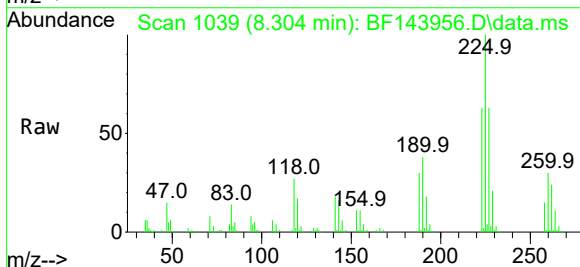
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	34.9	30.0	45.0
92	22.1	18.2	27.2

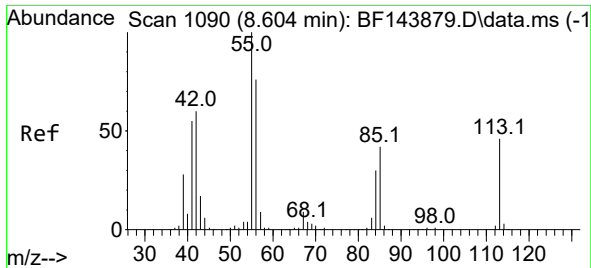


#34
Hexachlorobutadiene
Concen: 41.322 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:225 Resp: 190920

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	62.8	49.7	74.5

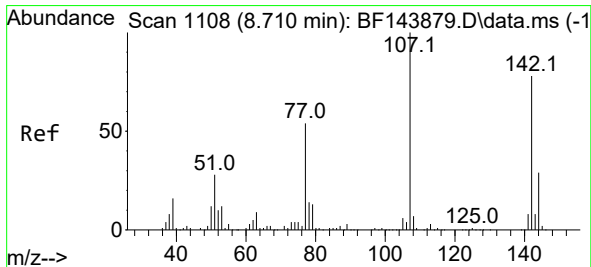
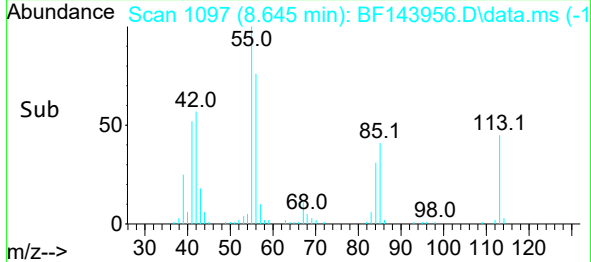
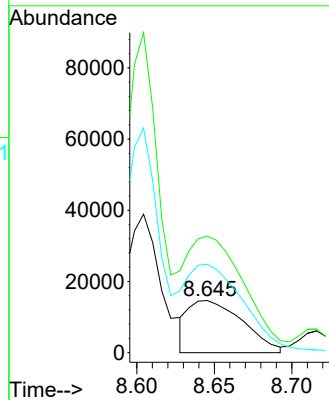
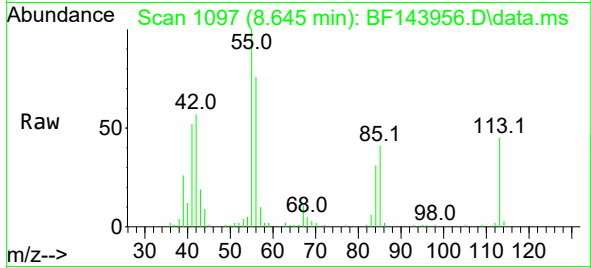




#35
 Caprolactam
 Concen: 16.663 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143956.D
 Acq: 15 Oct 2025 16:59

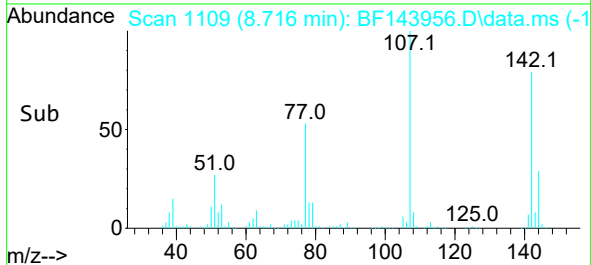
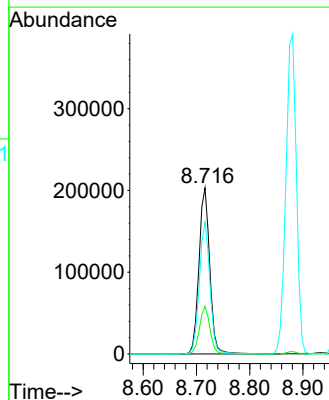
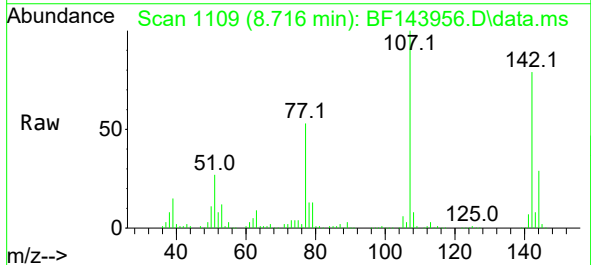
Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

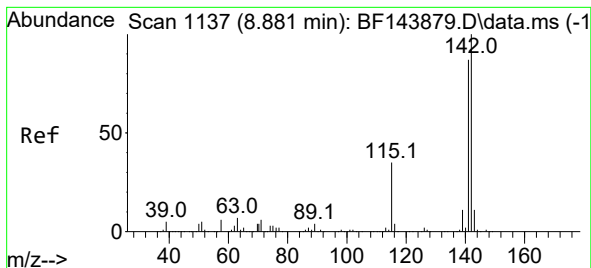
Tgt Ion:113 Resp: 35818
 Ion Ratio Lower Upper
 113 100
 55 223.8 199.6 239.6
 56 169.9 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.284 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143956.D
 Acq: 15 Oct 2025 16:59

Tgt Ion:107 Resp: 287579
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.1 34.7
 142 79.5 62.6 94.0

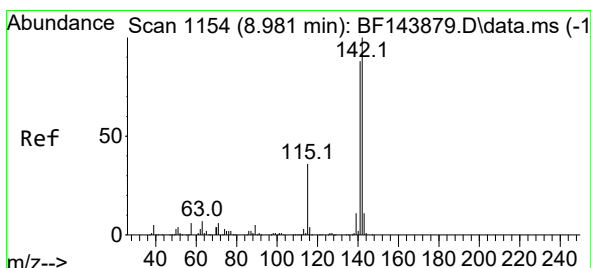
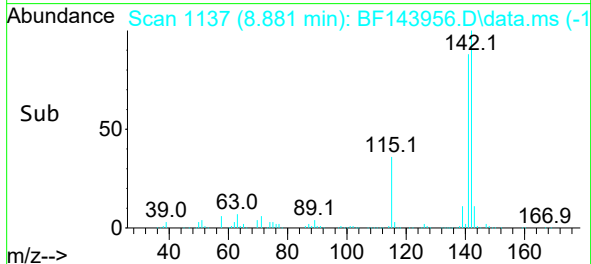
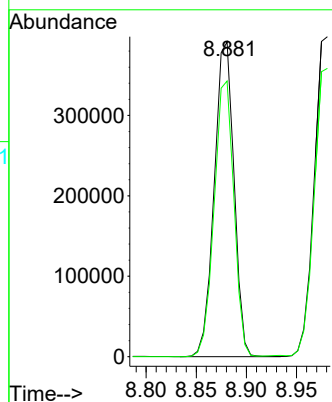
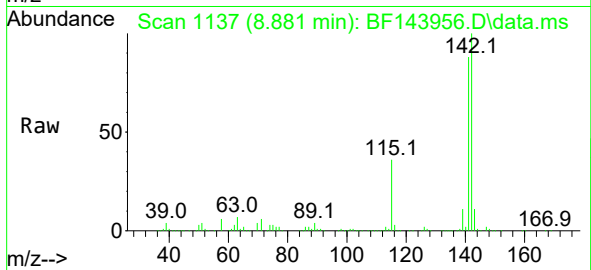




#37
2-Methylnaphthalene
Concen: 38.361 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

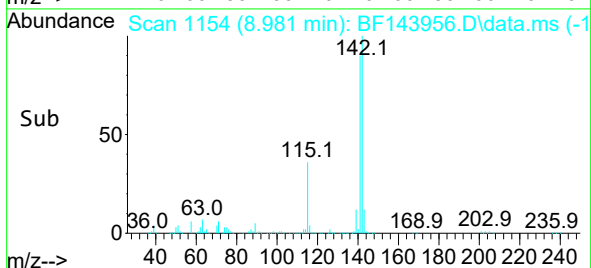
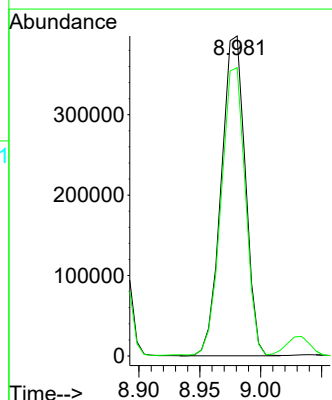
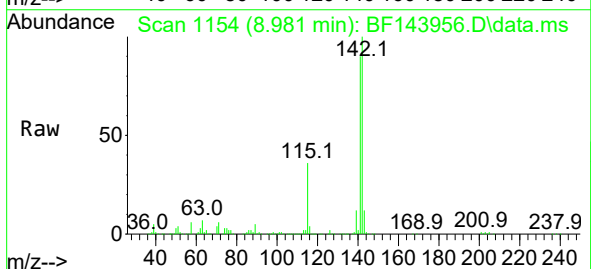
Instrument :
BNA_F
ClientSampleId :
PB170106BS

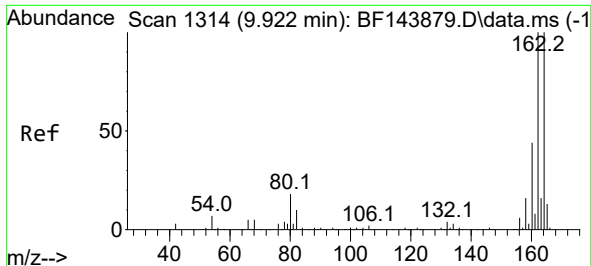
Tgt Ion:142 Resp: 535171
Ion Ratio Lower Upper
142 100
141 87.6 69.2 103.8



#38
1-Methylnaphthalene
Concen: 40.448 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:142 Resp: 547347
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2

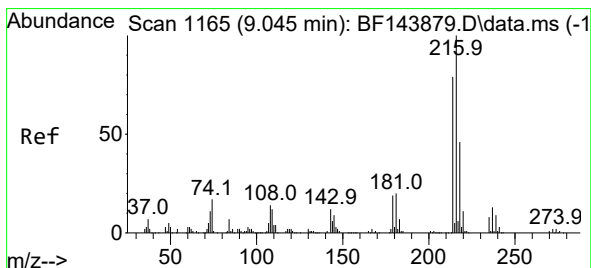
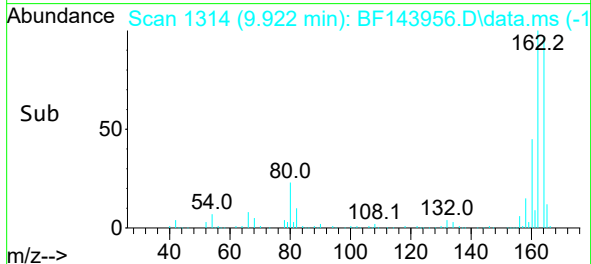
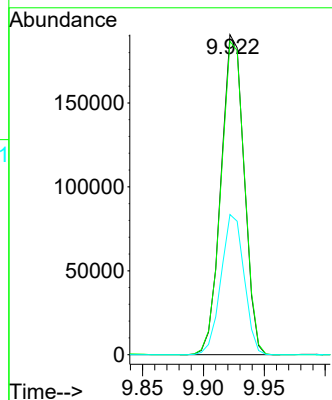
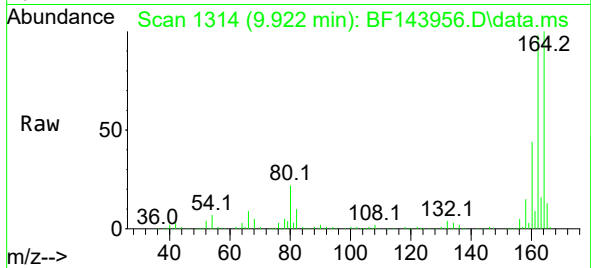




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

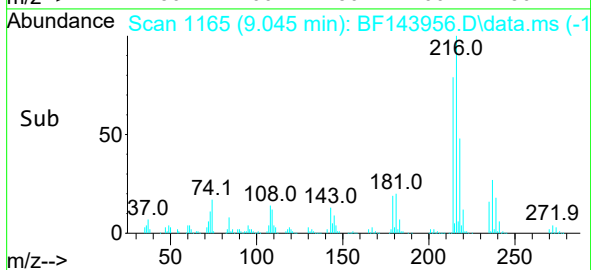
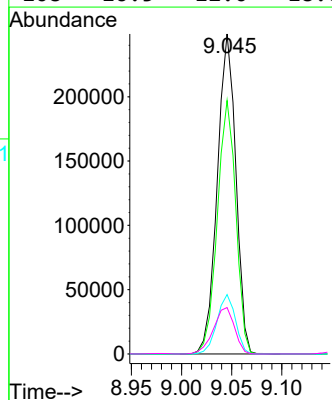
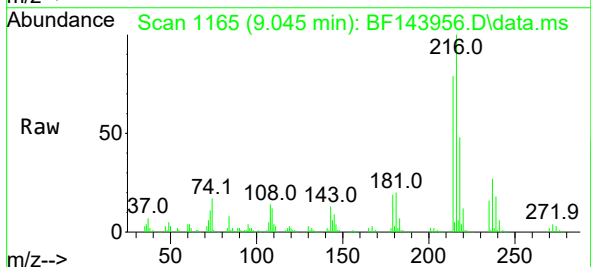
Instrument :
BNA_F
ClientSampleId :
PB170106BS

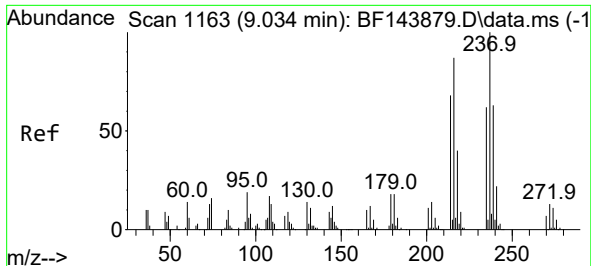
Tgt Ion:164 Resp: 251791
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.2
160 43.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.007 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:216 Resp: 320173
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 18.5 15.4 23.0
108 16.5 12.0 18.0

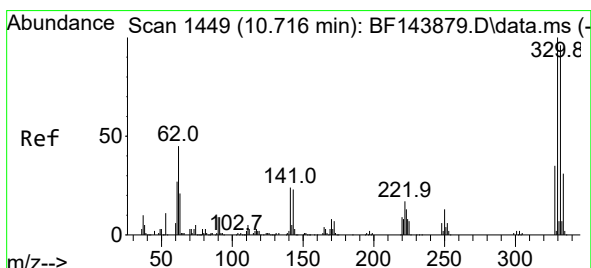
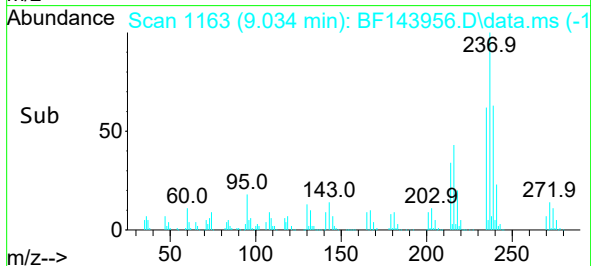
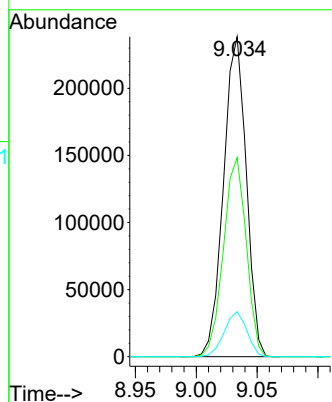
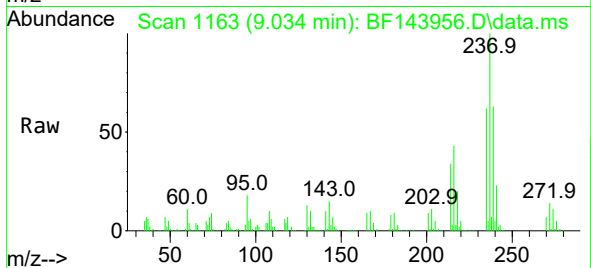




#41
Hexachlorocyclopentadiene
Concen: 107.308 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

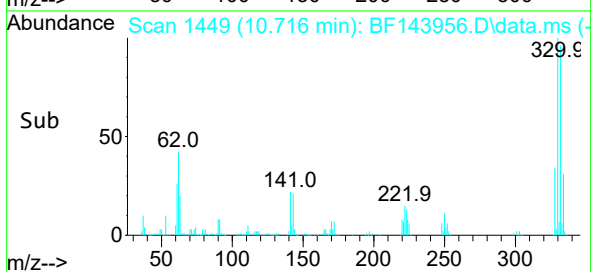
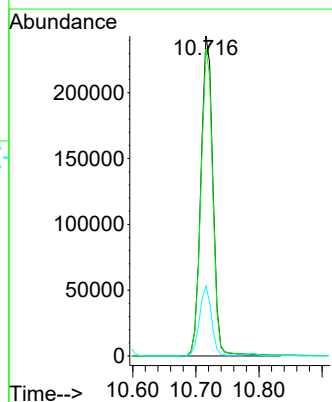
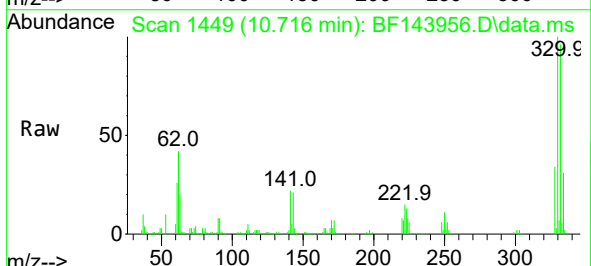
Instrument :
BNA_F
ClientSampleId :
PB170106BS

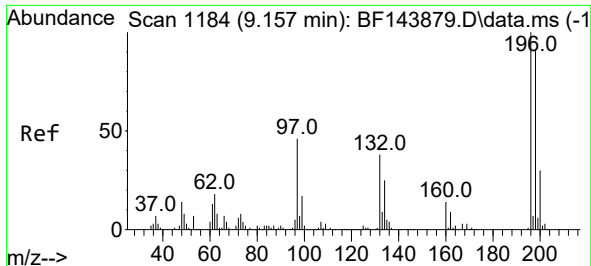
Tgt Ion:237 Resp: 309807
Ion Ratio Lower Upper
237 100
235 62.2 42.3 82.3
272 14.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 128.318 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:330 Resp: 321806
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 21.9 20.2 30.4

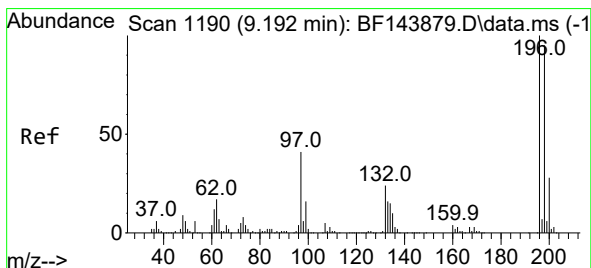
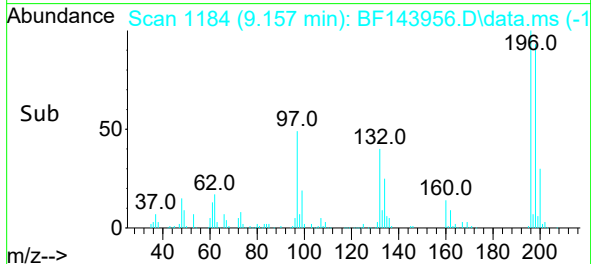
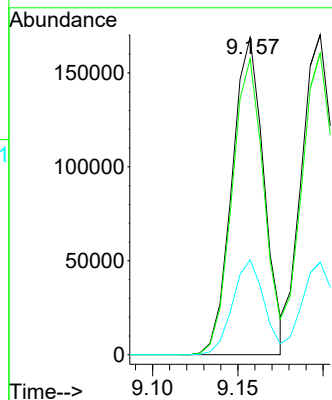
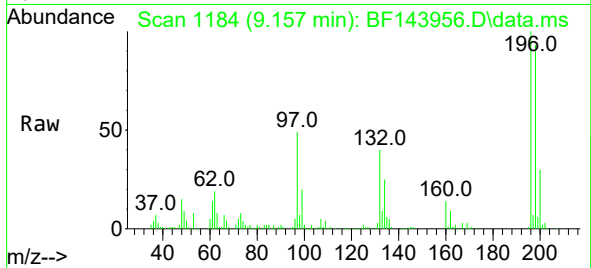




#43
2,4,6-Trichlorophenol
Concen: 43.325 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

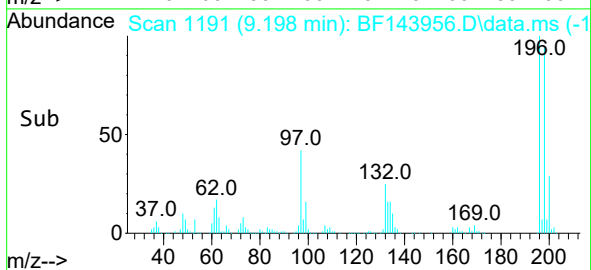
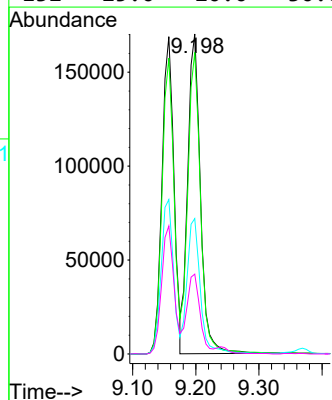
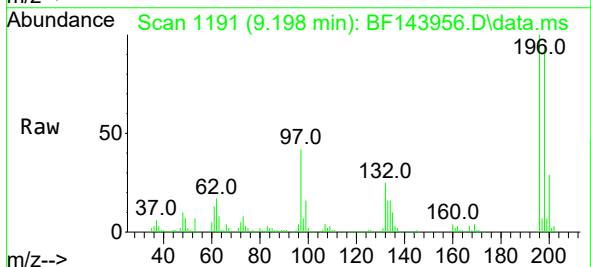
Instrument :
BNA_F
ClientSampleId :
PB170106BS

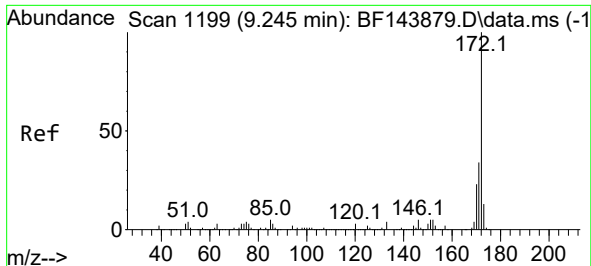
Tgt Ion:196 Resp: 220298
Ion Ratio Lower Upper
196 100
198 93.2 72.8 109.2
200 29.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 44.736 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:196 Resp: 240387
Ion Ratio Lower Upper
196 100
198 94.2 75.5 113.3
97 42.3 33.9 50.9
132 25.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 76.356 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

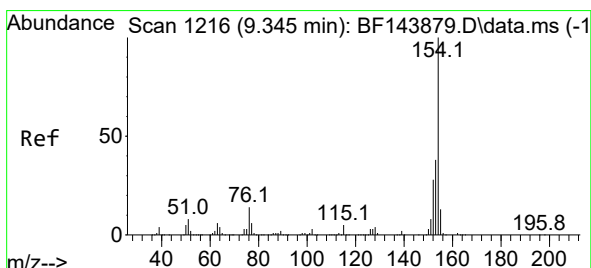
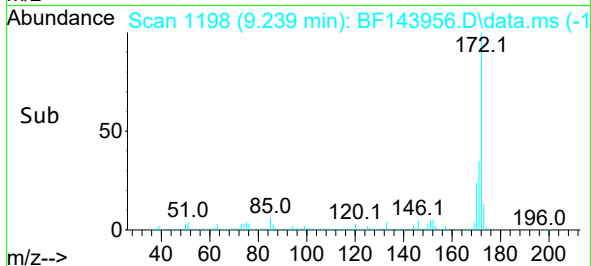
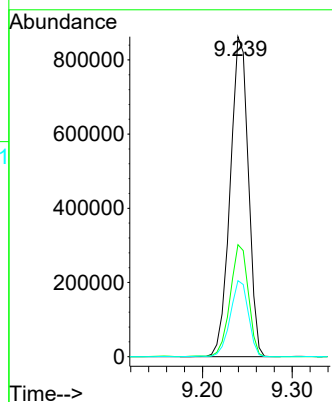
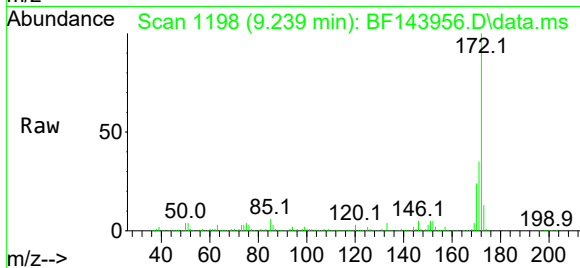
Tgt Ion:172 Resp: 1211644

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.043 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

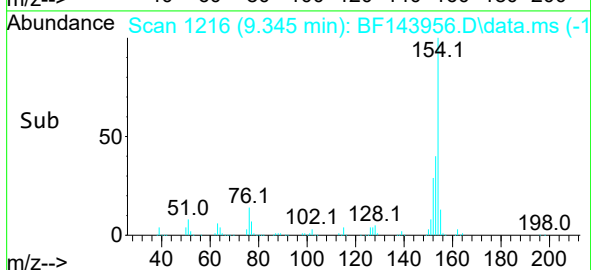
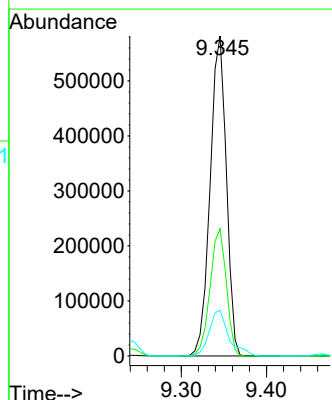
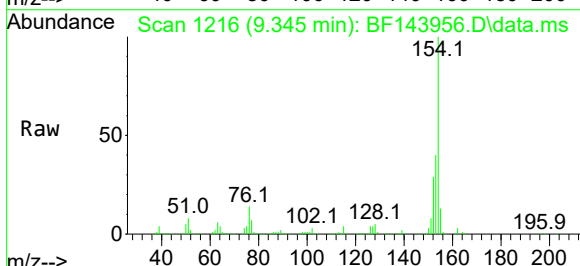
Tgt Ion:154 Resp: 767575

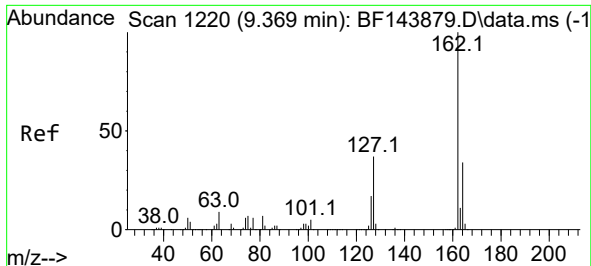
Ion Ratio Lower Upper

154 100

153 39.8 18.4 58.4

76 14.3 0.0 34.0

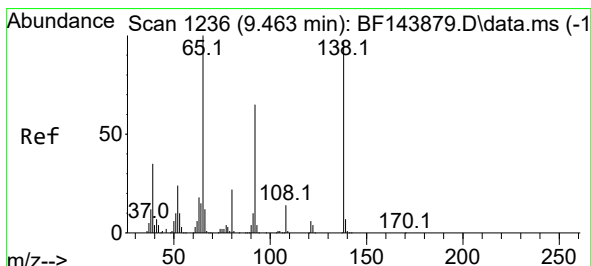
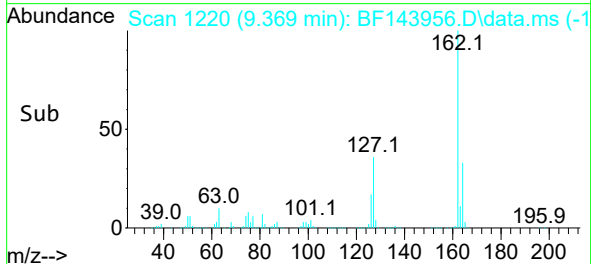
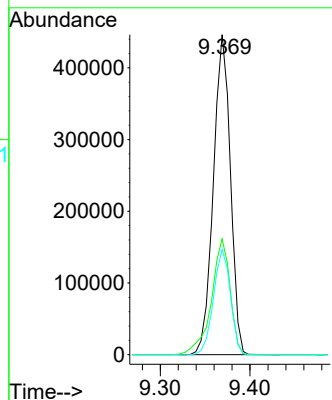
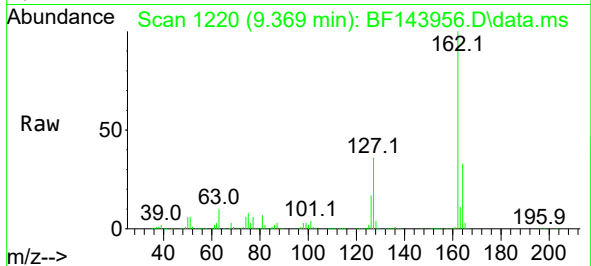




#47
2-Chloronaphthalene
Concen: 42.284 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

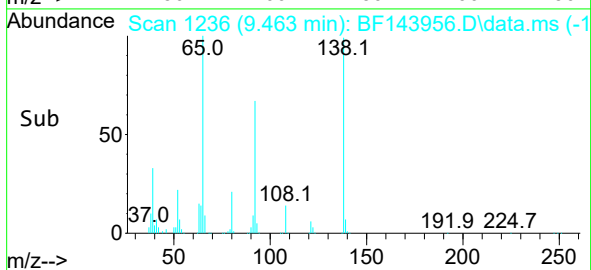
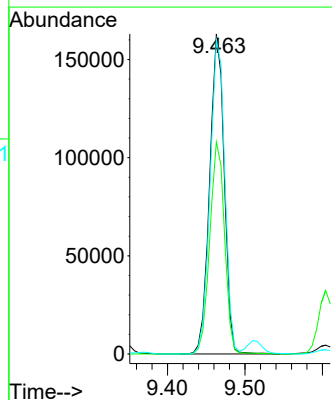
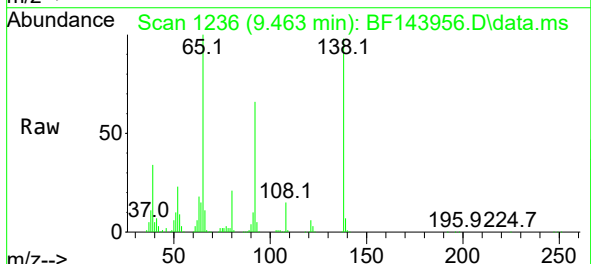
Instrument :
BNA_F
ClientSampleId :
PB170106BS

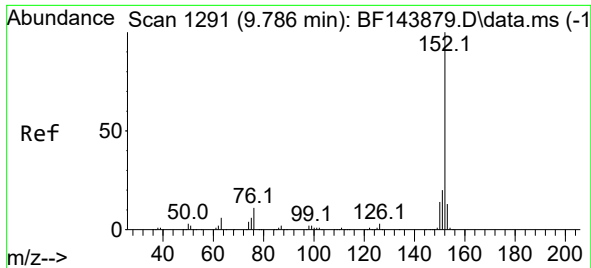
Tgt Ion:162 Resp: 587729
Ion Ratio Lower Upper
162 100
127 36.2 30.2 45.2
164 32.9 26.9 40.3



#48
2-Nitroaniline
Concen: 48.500 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion: 65 Resp: 213127
Ion Ratio Lower Upper
65 100
92 66.2 52.1 78.1
138 98.2 77.4 116.2

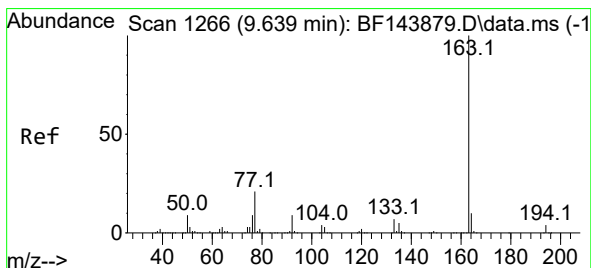
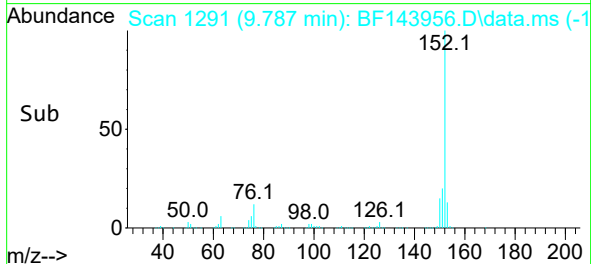
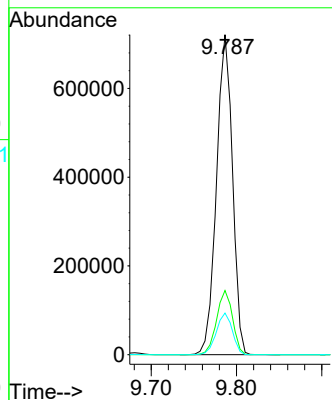
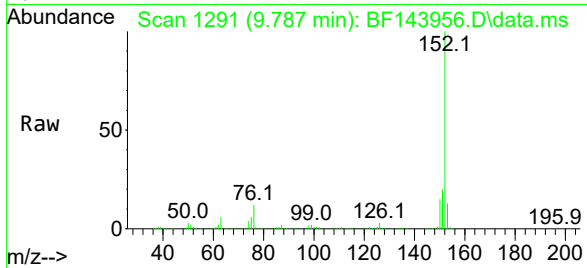




#49
Acenaphthylene
Concen: 48.124 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

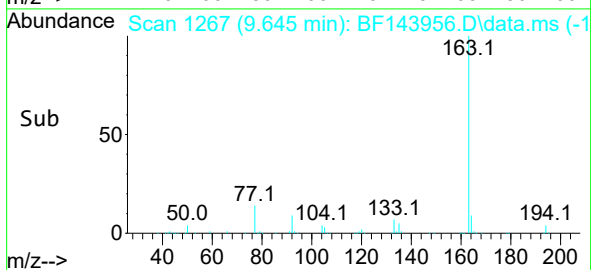
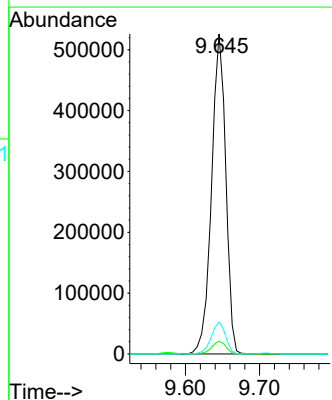
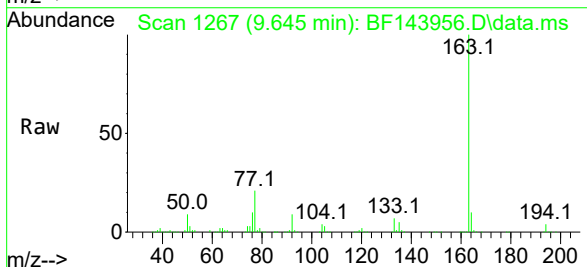
Instrument :
BNA_F
ClientSampleId :
PB170106BS

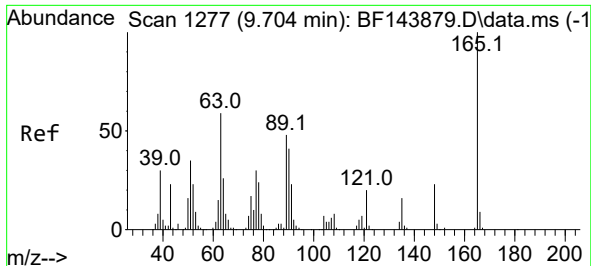
Tgt Ion:152 Resp: 940380
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 43.737 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:163 Resp: 699337
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.1 12.1

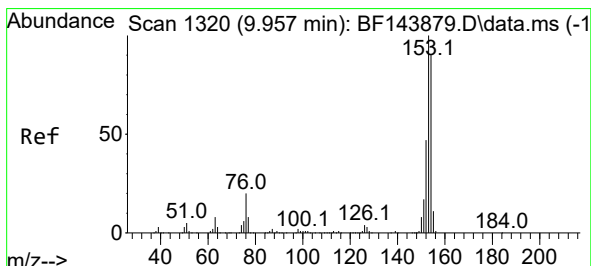
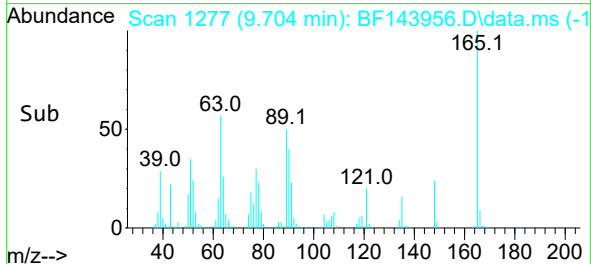
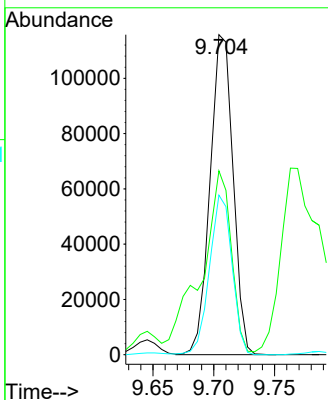
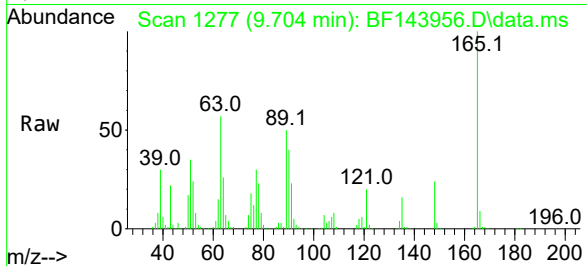




#51
2,6-Dinitrotoluene
Concen: 51.391 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

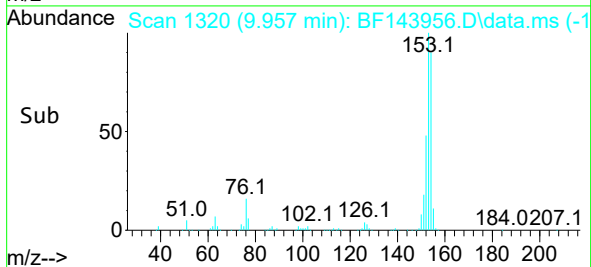
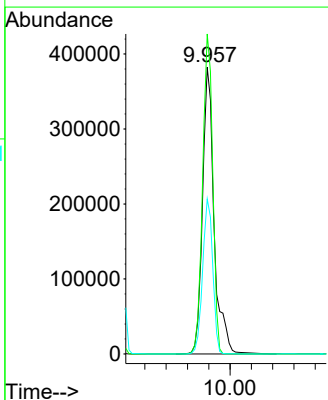
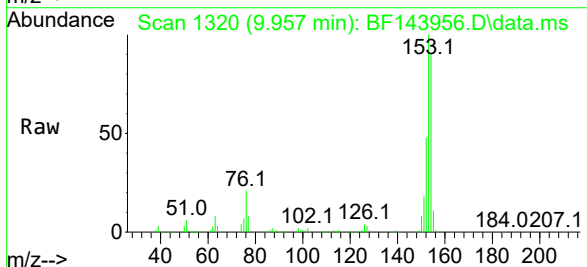
Instrument :
BNA_F
ClientSampleId :
PB170106BS

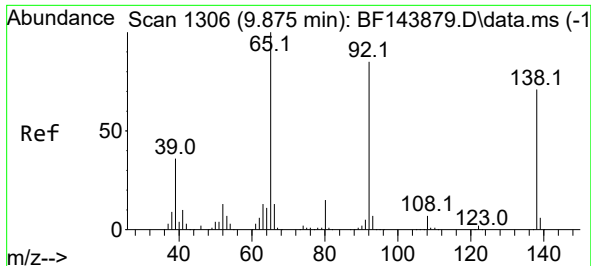
Tgt Ion:165 Resp: 152373
Ion Ratio Lower Upper
165 100
63 57.5 47.3 70.9
89 49.8 38.2 57.4



#52
Acenaphthene
Concen: 45.097 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:154 Resp: 577424
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 54.1 42.2 63.2

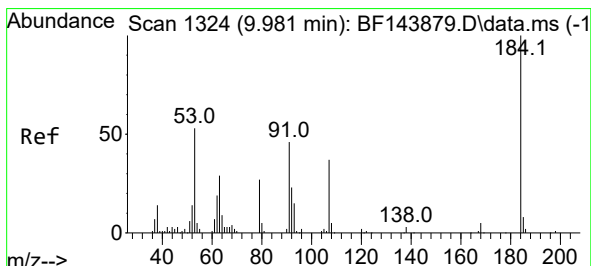
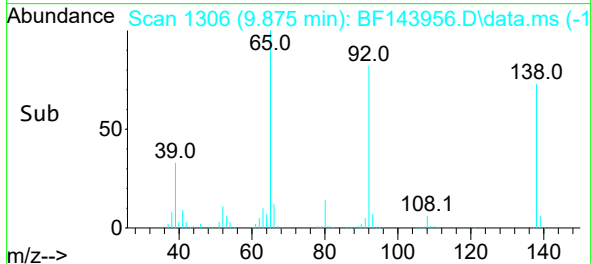
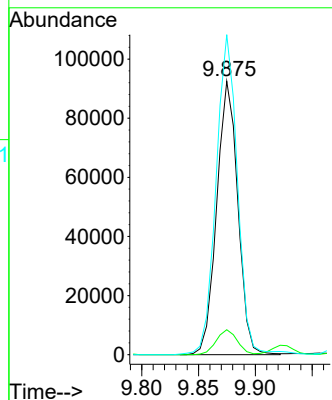
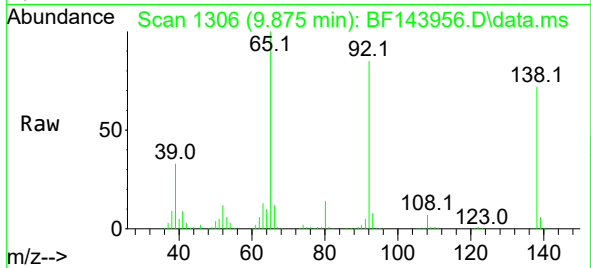




#53
3-Nitroaniline
Concen: 32.958 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

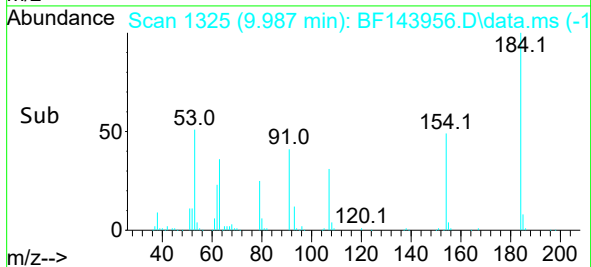
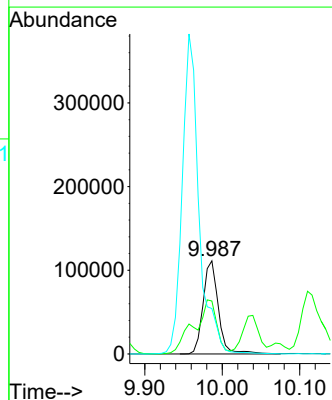
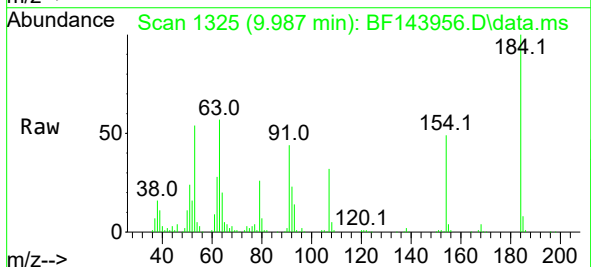
Instrument :
BNA_F
ClientSampleId :
PB170106BS

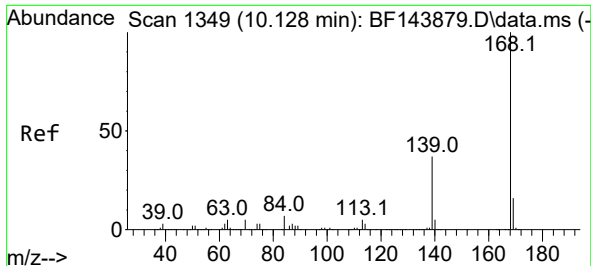
Tgt Ion:138 Resp: 119654
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 117.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 83.056 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:184 Resp: 152433
Ion Ratio Lower Upper
184 100
63 56.9 48.2 72.4
154 48.9 49.2 73.8#

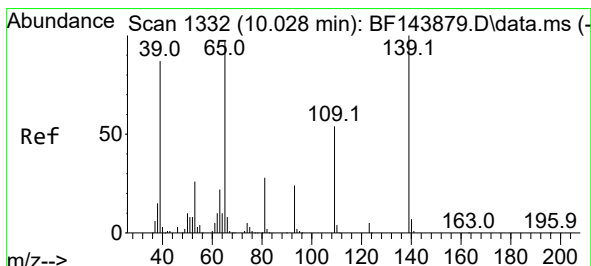
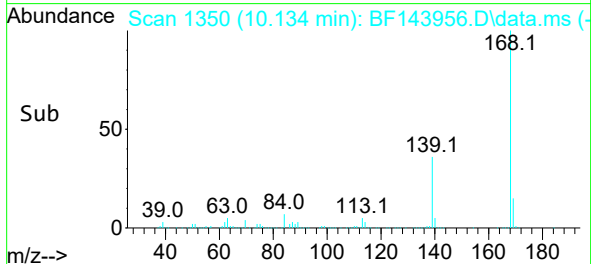
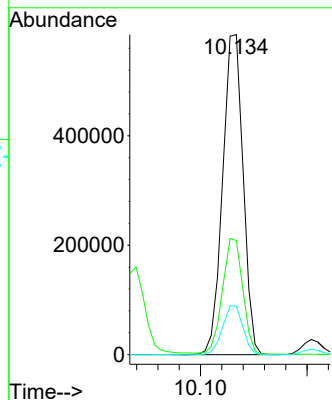
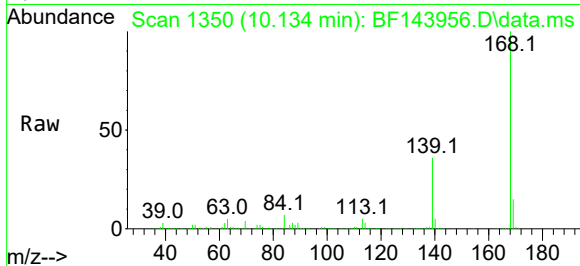




#55
Dibenzenofuran
Concen: 43.156 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

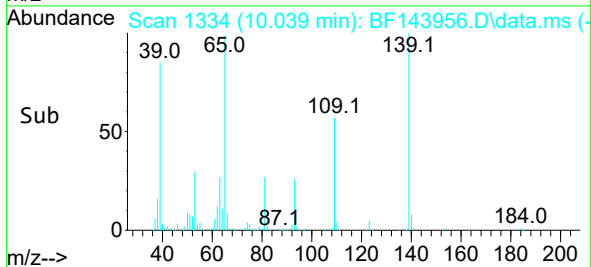
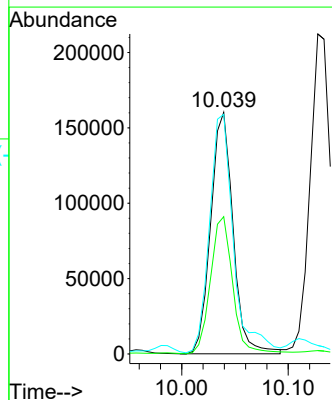
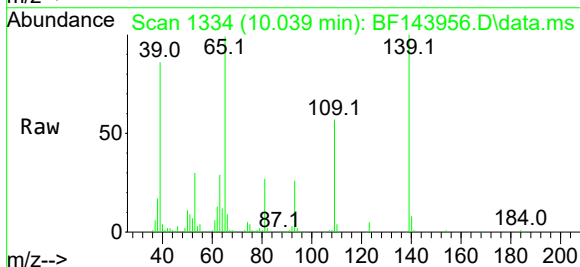
Instrument :
BNA_F
ClientSampleId :
PB170106BS

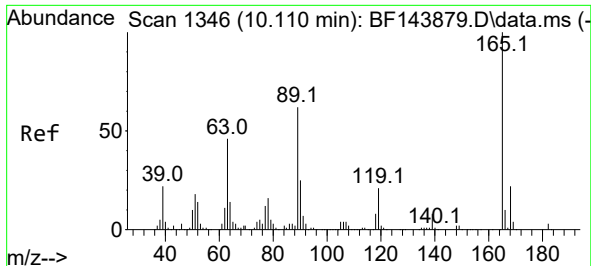
Tgt Ion:168 Resp: 780024
Ion Ratio Lower Upper
168 100
139 35.7 29.8 44.8
169 15.1 12.8 19.2



#56
4-Nitrophenol
Concen: 84.781 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

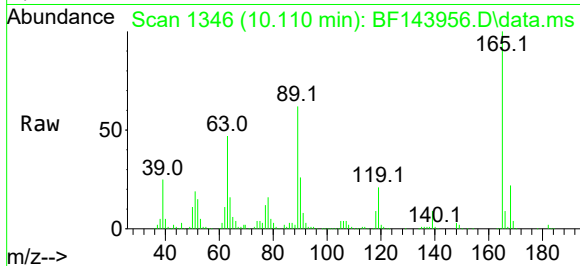
Tgt Ion:139 Resp: 233052
Ion Ratio Lower Upper
139 100
109 56.8 34.5 74.5
65 99.2 77.6 117.6



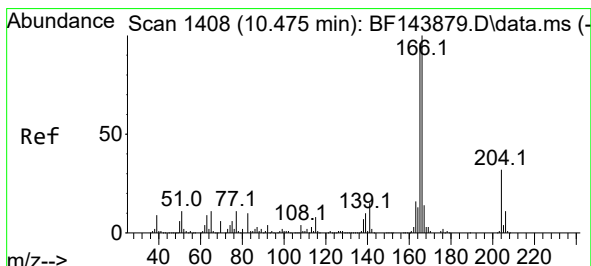
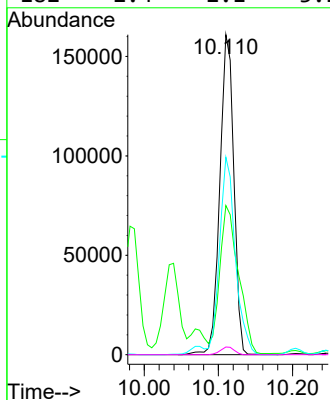
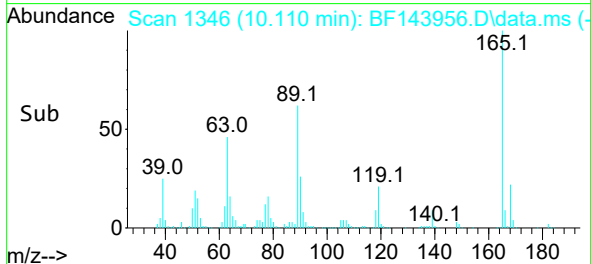


#57
2,4-Dinitrotoluene
Concen: 52.435 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

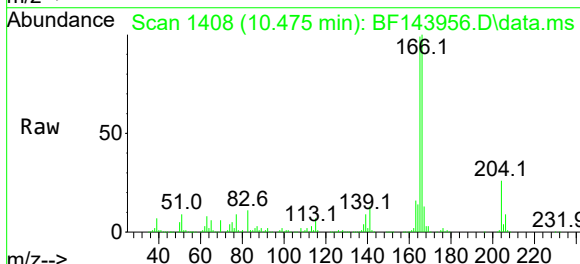
Instrument :
BNA_F
ClientSampleId :
PB170106BS



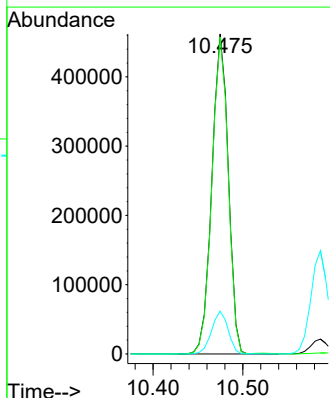
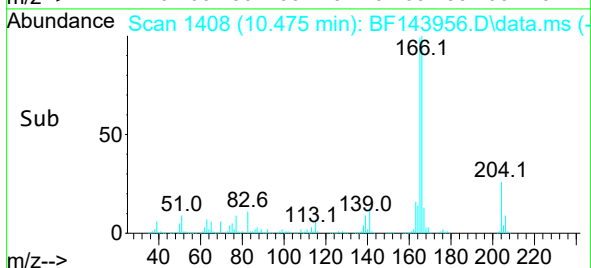
Tgt Ion:165 Resp: 211536
Ion Ratio Lower Upper
165 100
63 46.6 37.2 55.8
89 61.7 49.4 74.2
182 2.4 2.1 3.1

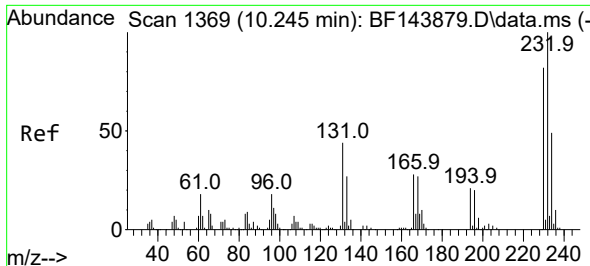


#58
Fluorene
Concen: 43.022 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59



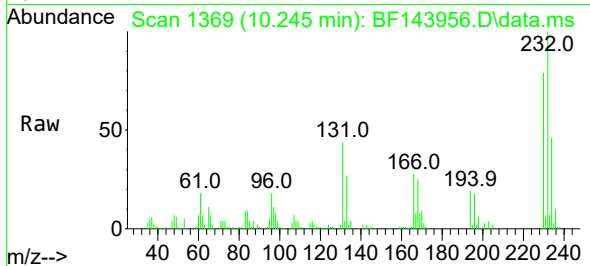
Tgt Ion:166 Resp: 586756
Ion Ratio Lower Upper
166 100
165 99.0 77.0 115.6
167 13.4 11.1 16.7



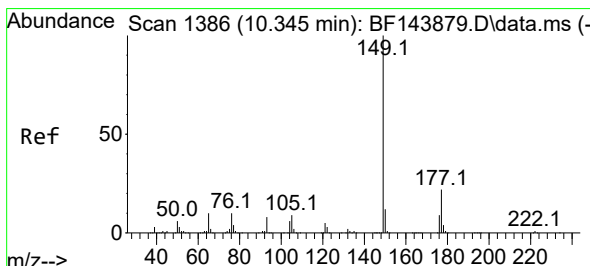
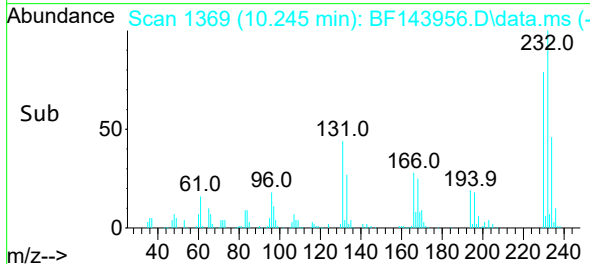
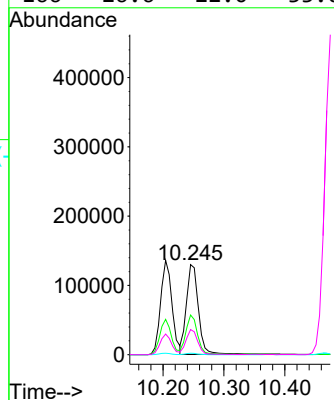


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.062 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Instrument :
BNA_F
ClientSampleId :
PB170106BS

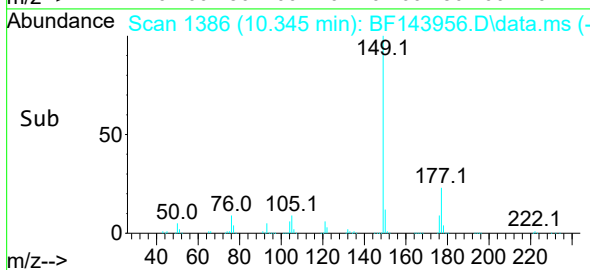
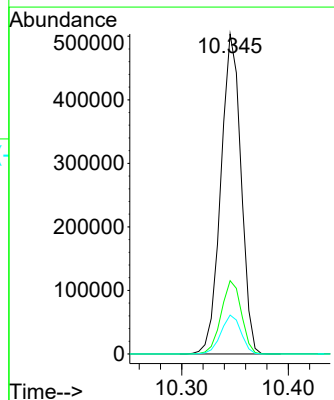
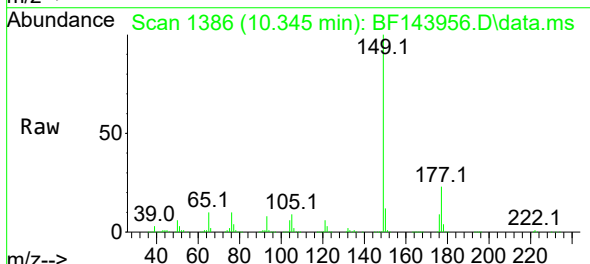


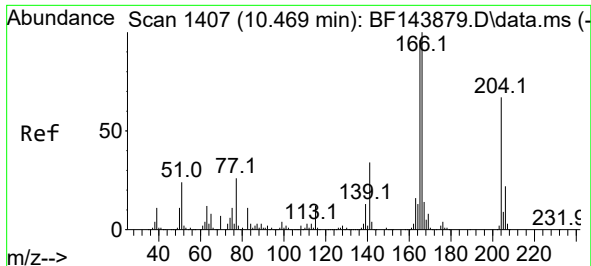
Tgt Ion:232 Resp: 179010
Ion Ratio Lower Upper
232 100
131 42.8 34.9 52.3
130 1.5 1.6 2.4#
166 26.6 22.0 33.0



#60
Diethylphthalate
Concen: 44.527 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:149 Resp: 661433
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.2 9.8 14.8

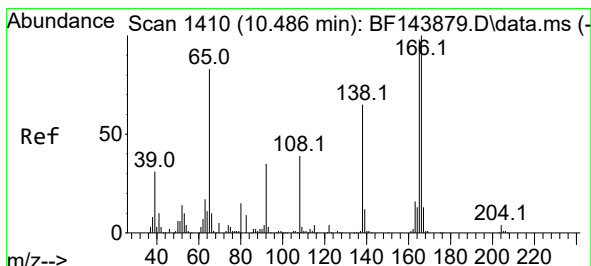
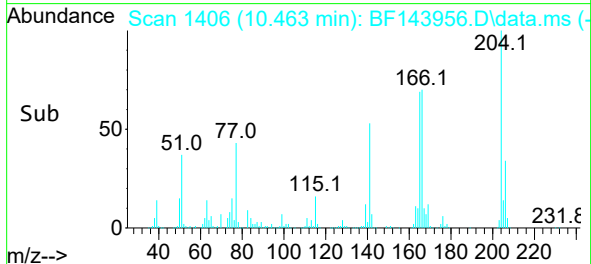
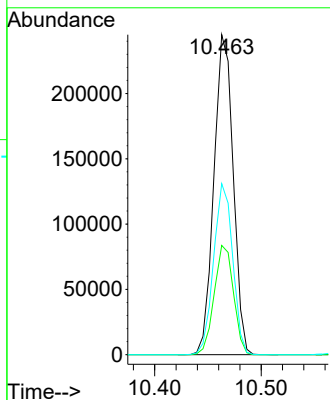
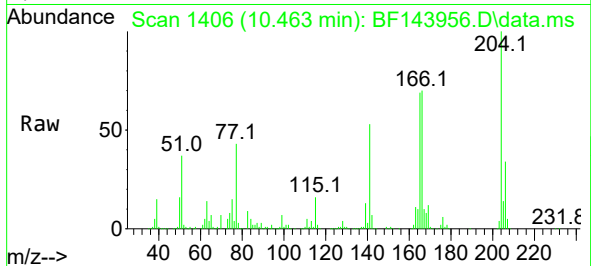




#61
4-Chlorophenyl-phenylether
Concen: 42.656 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

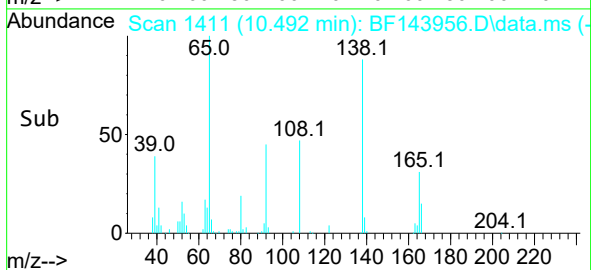
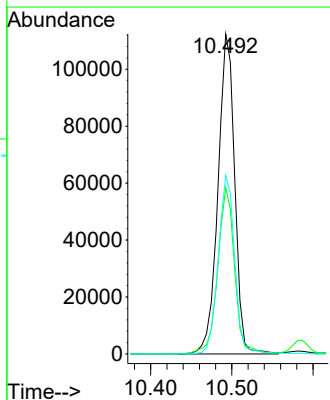
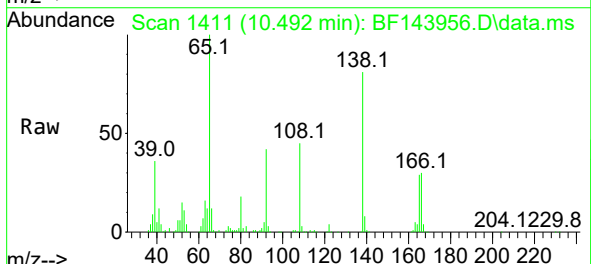
Instrument :
BNA_F
ClientSampleId :
PB170106BS

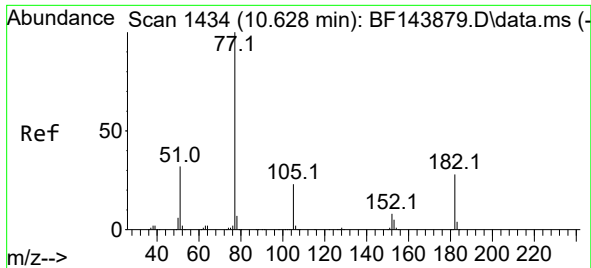
Tgt Ion:204 Resp: 307575
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 53.5 40.4 60.6



#62
4-Nitroaniline
Concen: 46.267 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:138 Resp: 161525
Ion Ratio Lower Upper
138 100
92 51.9 33.9 73.9
108 55.8 40.2 80.2

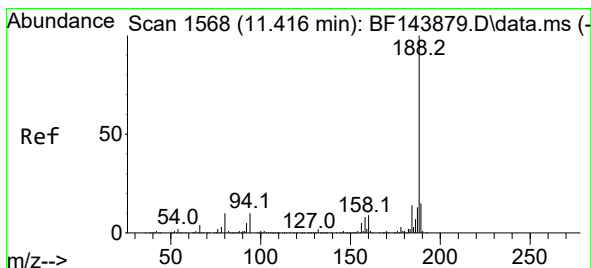
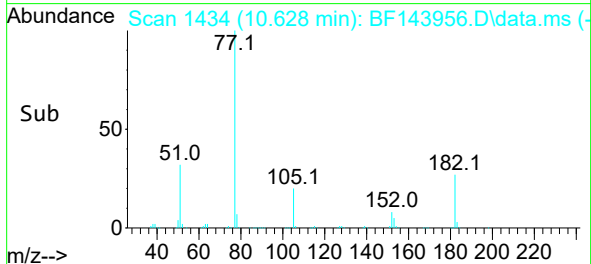
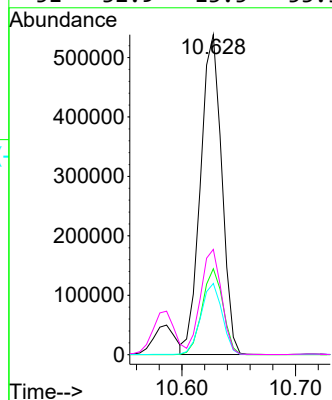
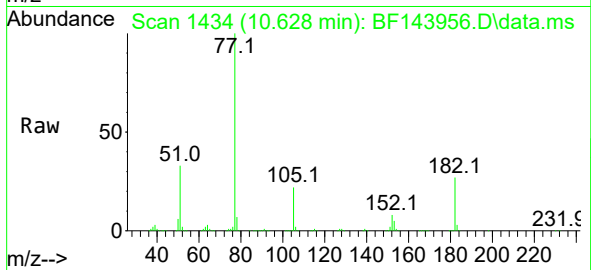




#63
Azobenzene
Concen: 45.026 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

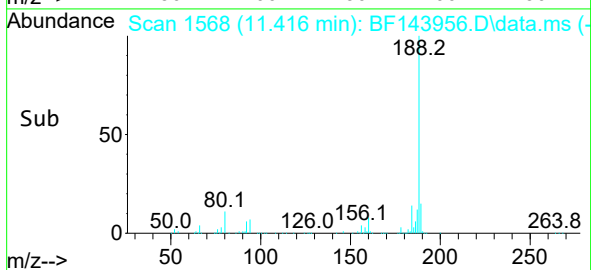
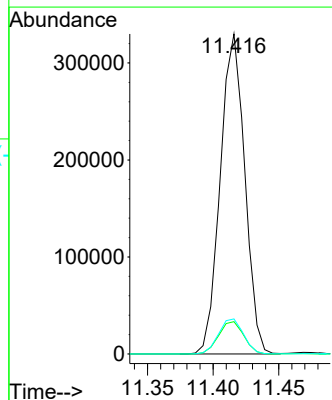
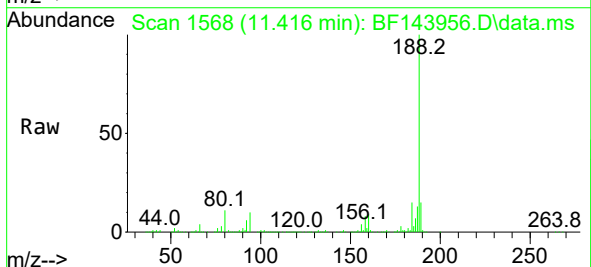
Instrument :
BNA_F
ClientSampleId :
PB170106BS

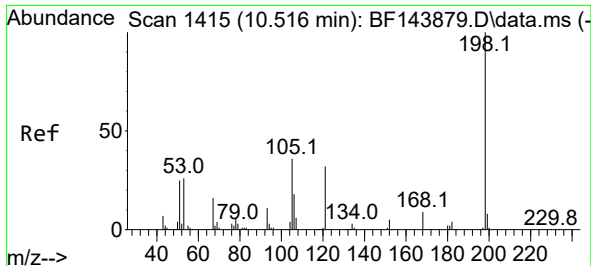
Tgt Ion: 77	Resp: 699038
Ion Ratio	Lower Upper
77 100	
182 26.9	7.3 47.3
105 22.2	3.0 43.0
51 32.9	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:188	Resp: 429108		
Ion Ratio	Lower	Upper	
188 100			
94 10.1	7.8	11.6	
80 11.0	7.9	11.9	

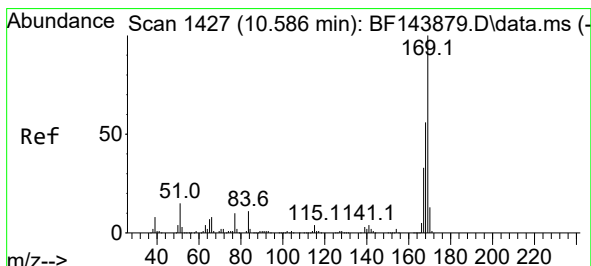
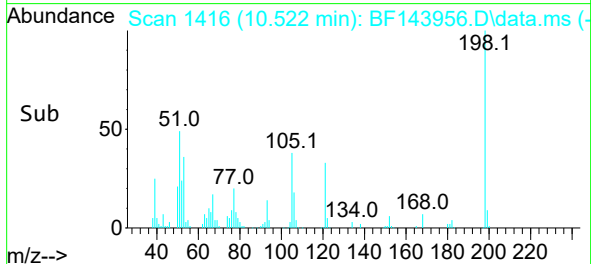
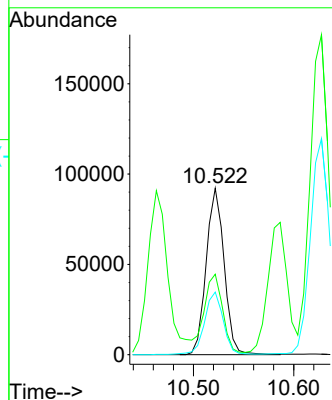
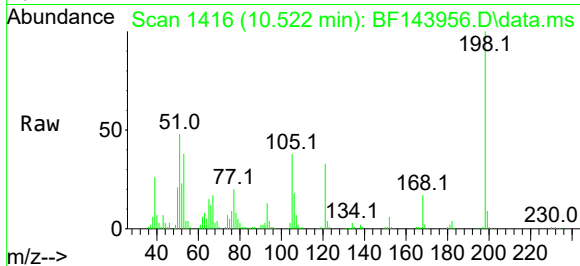




#65
4,6-Dinitro-2-methylphenol
Concen: 53.234 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

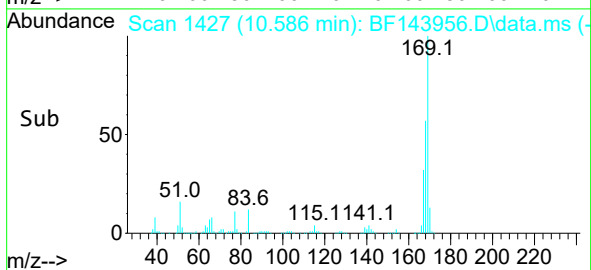
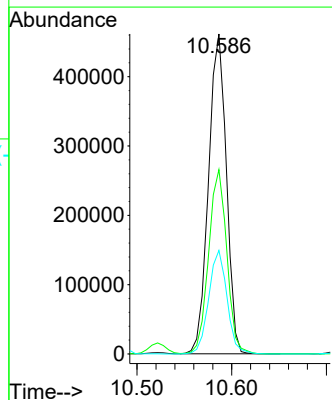
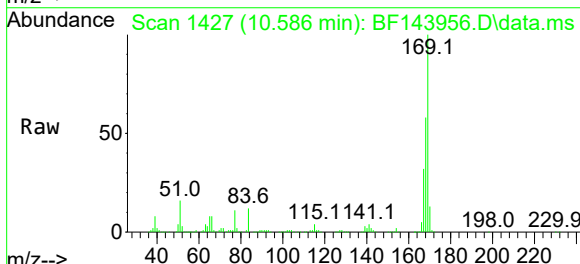
Instrument :
BNA_F
ClientSampleId :
PB170106BS

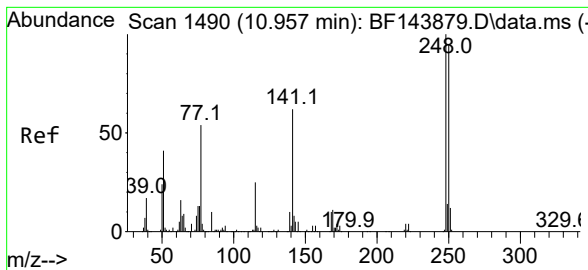
Tgt Ion:198 Resp: 114793
Ion Ratio Lower Upper
198 100
51 48.3 33.8 73.8
105 37.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 44.726 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:169 Resp: 602615
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.3 26.3 39.5

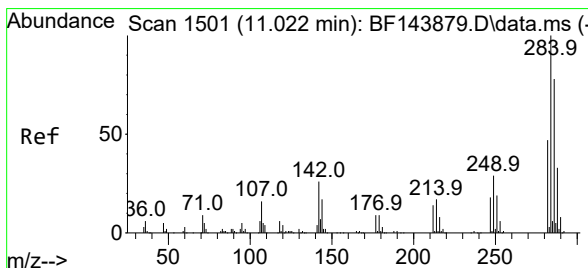
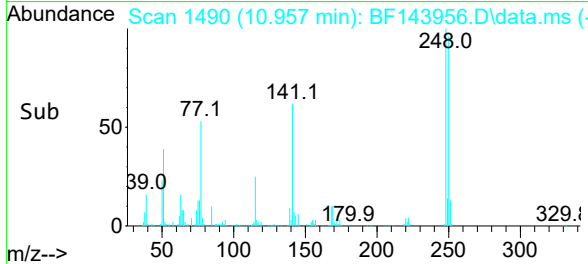
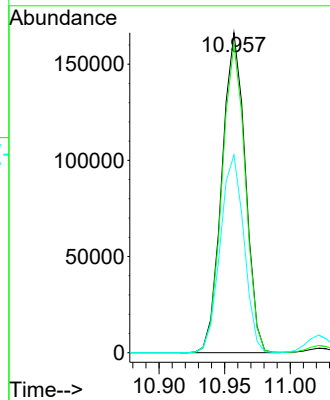
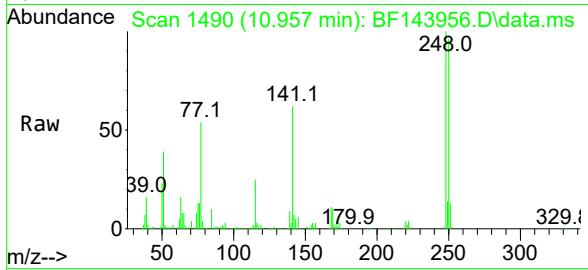




#67
4-Bromophenyl-phenylether
Concen: 43.469 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

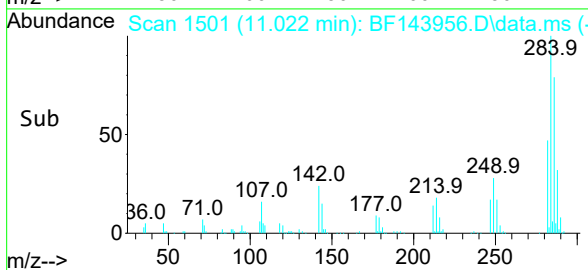
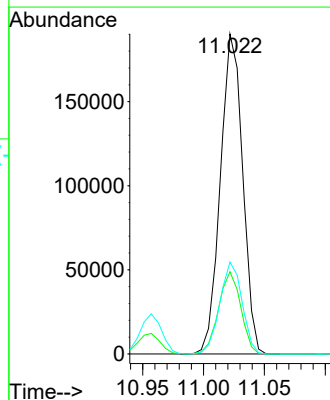
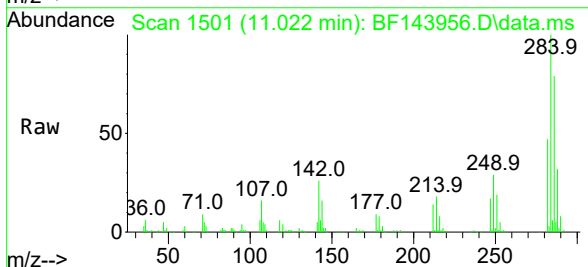
Instrument :
BNA_F
ClientSampleId :
PB170106BS

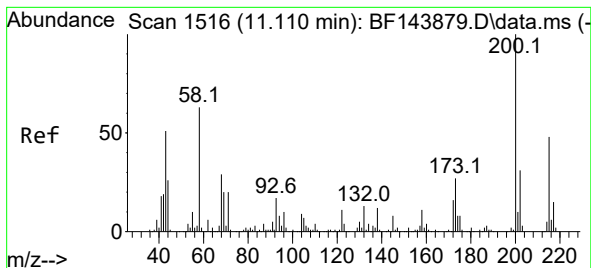
Tgt Ion:248 Resp: 206146
Ion Ratio Lower Upper
248 100
250 96.3 76.3 114.5
141 61.8 49.7 74.5



#68
Hexachlorobenzene
Concen: 44.146 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:284 Resp: 242370
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 47.688 ng

RT: 11.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

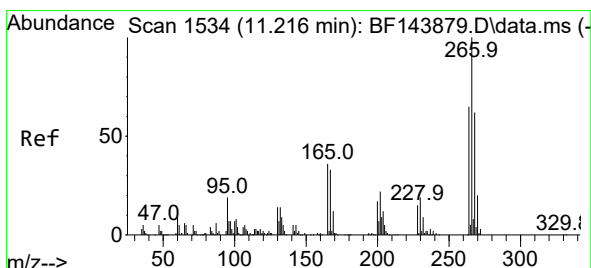
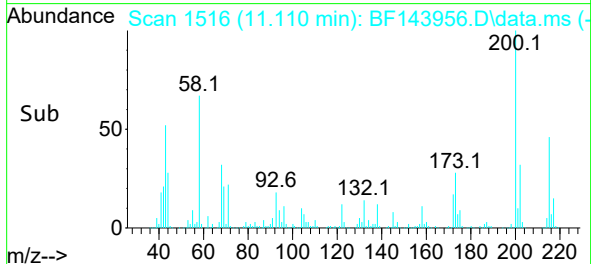
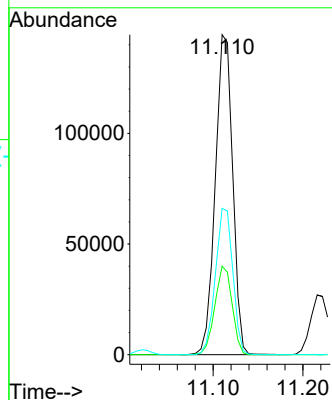
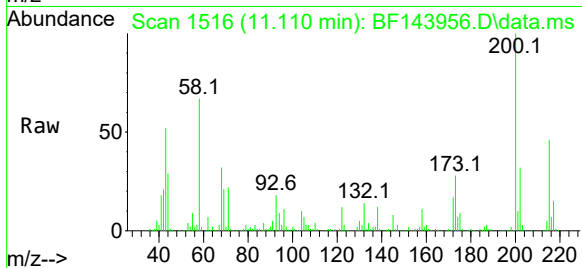
Tgt Ion:200 Resp: 194746

Ion Ratio Lower Upper

200 100

173 27.6 7.0 47.0

215 45.8 27.8 67.8



#70

Pentachlorophenol

Concen: 80.018 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

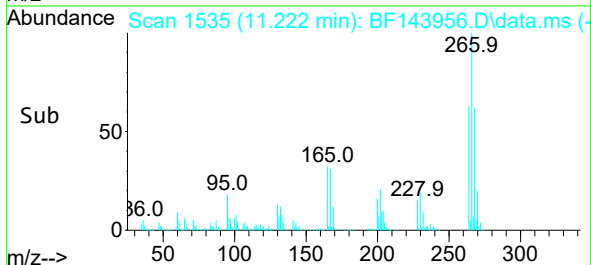
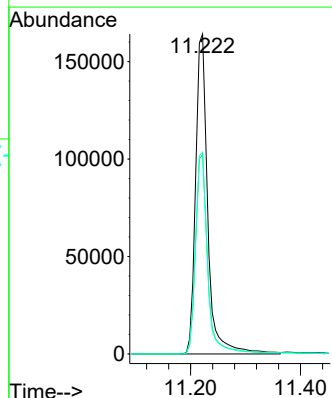
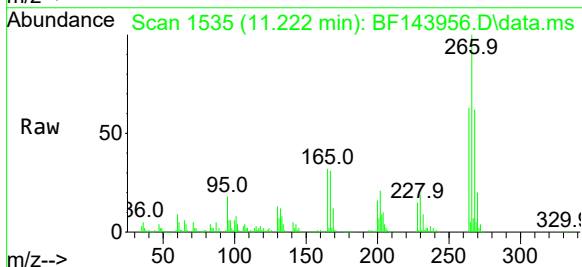
Tgt Ion:266 Resp: 252311

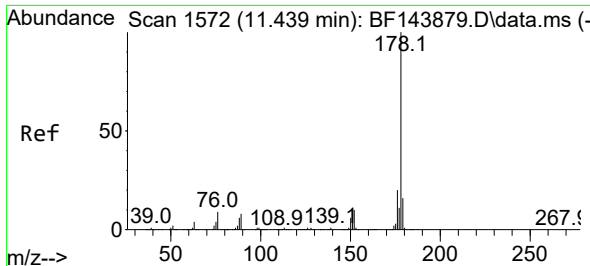
Ion Ratio Lower Upper

266 100

268 62.4 49.4 74.0

264 63.0 51.8 77.6

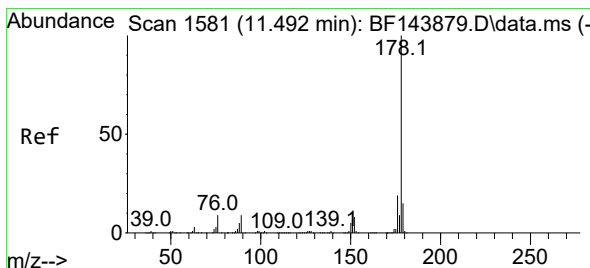
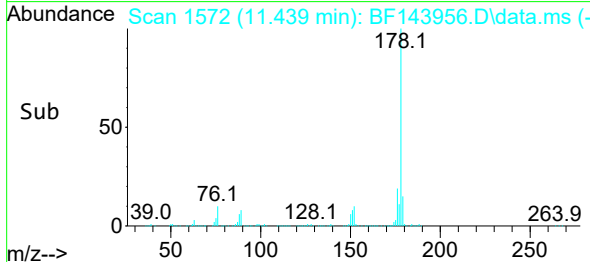
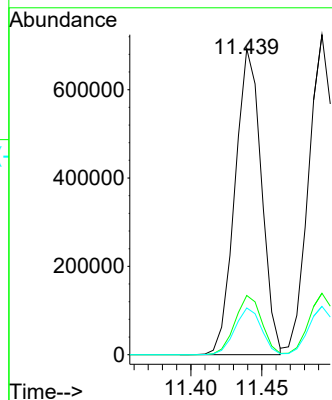
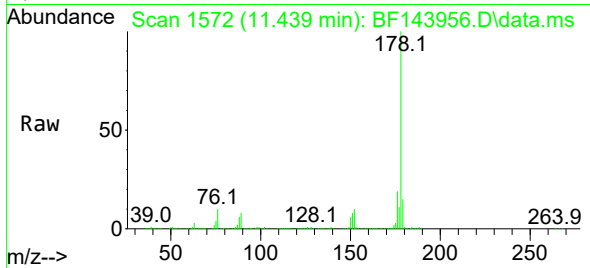




#71
Phenanthrene
Concen: 43.086 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

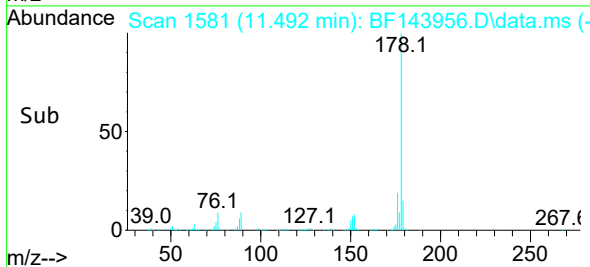
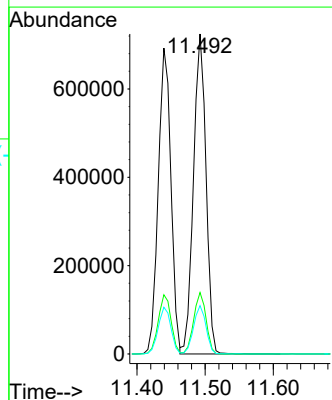
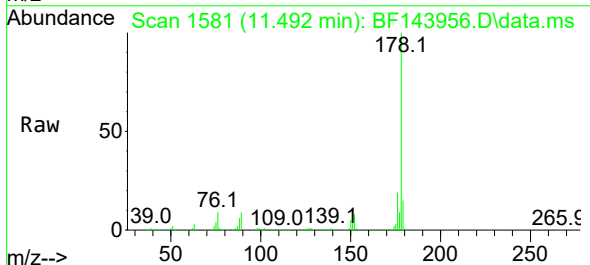
Instrument :
BNA_F
ClientSampleId :
PB170106BS

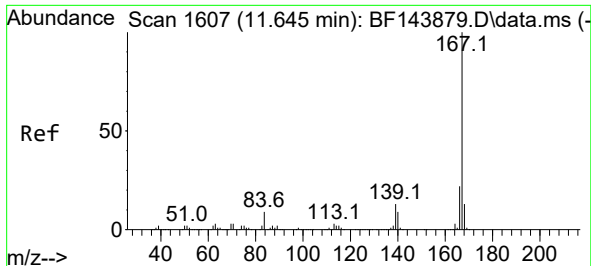
Tgt Ion:178 Resp: 896326
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 43.756 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:178 Resp: 919586
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.1 12.2 18.2

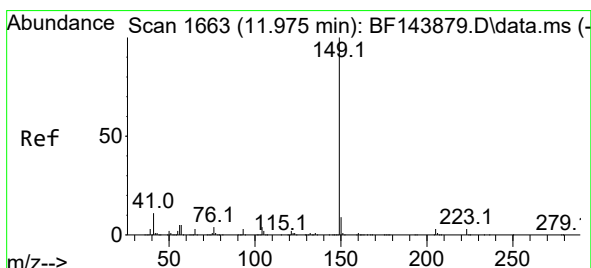
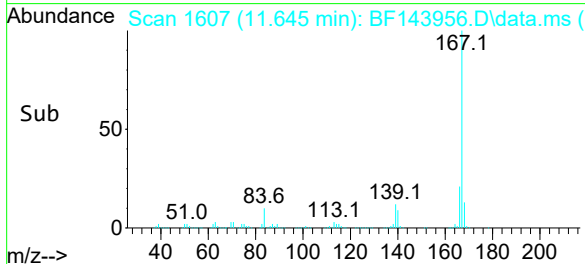
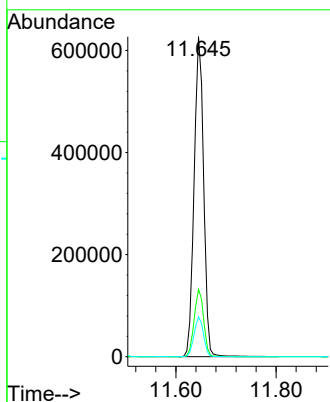
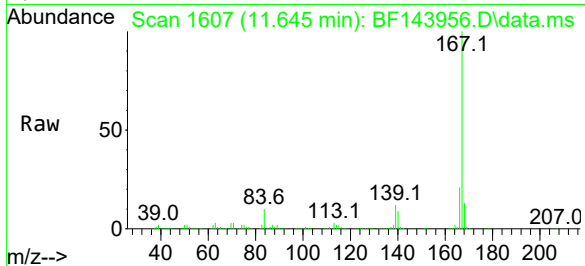




#73
 Carbazole
 Concen: 44.287 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143956.D
 Acq: 15 Oct 2025 16:59

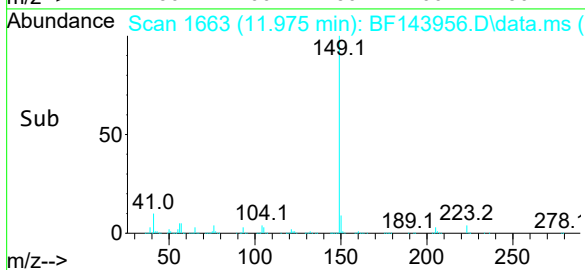
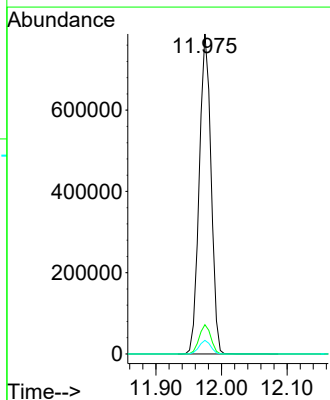
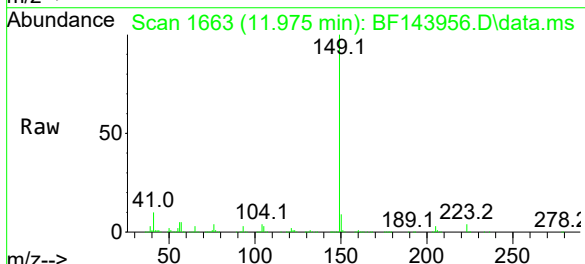
Instrument :
 BNA_F
 ClientSampleId :
 PB170106BS

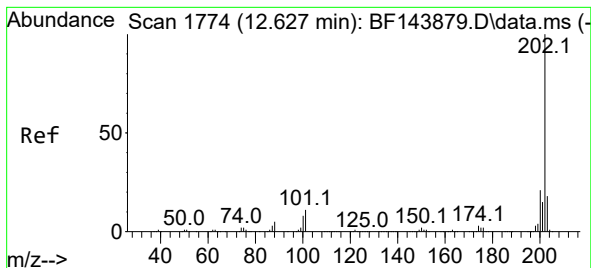
Tgt Ion:167 Resp: 824335
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 45.760 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143956.D
 Acq: 15 Oct 2025 16:59

Tgt Ion:149 Resp: 987146
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.2 3.4 5.2





#75

Fluoranthene

Concen: 44.355 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

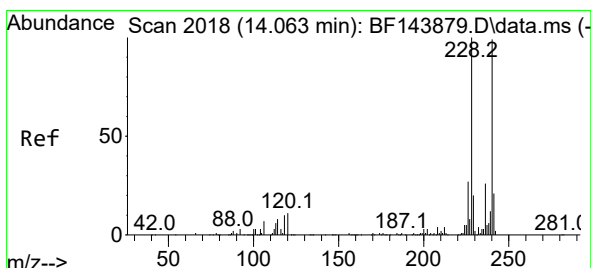
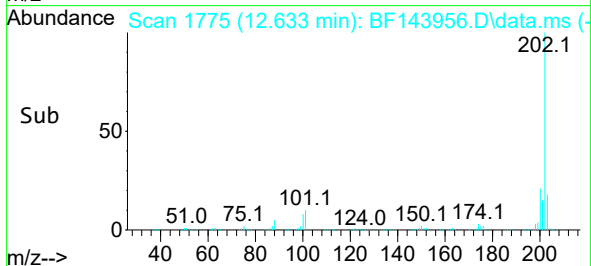
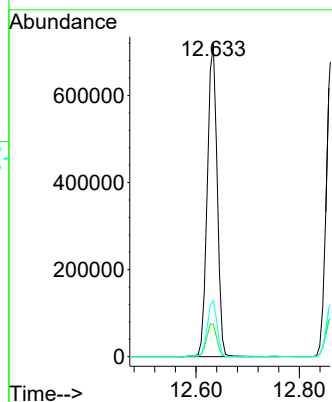
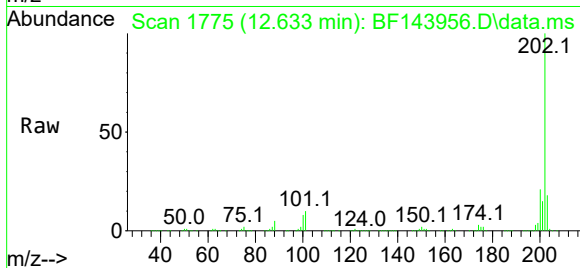
Tgt Ion:202 Resp: 953109

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

203 17.9 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

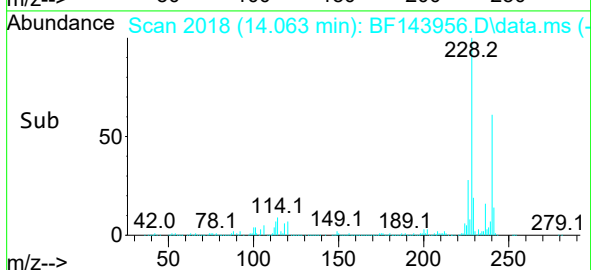
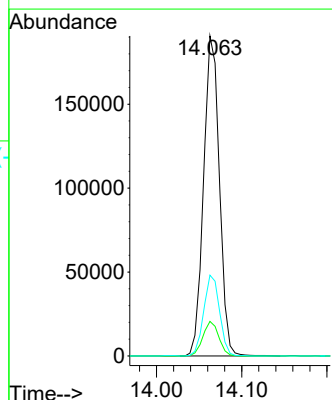
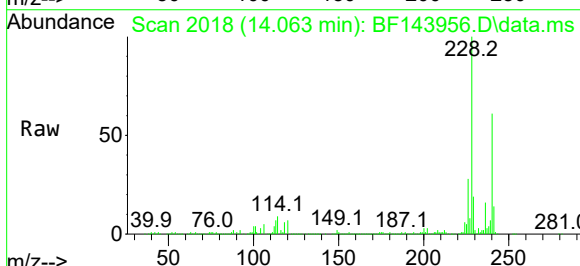
Tgt Ion:240 Resp: 245664

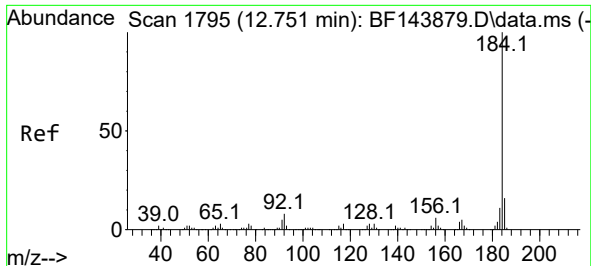
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 25.2 21.1 31.7

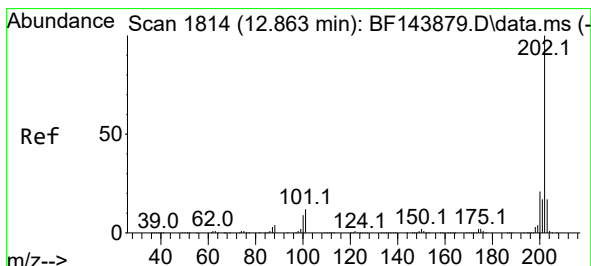
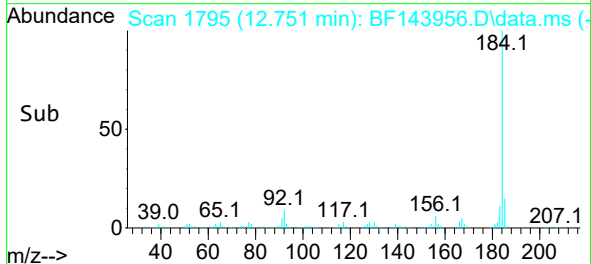
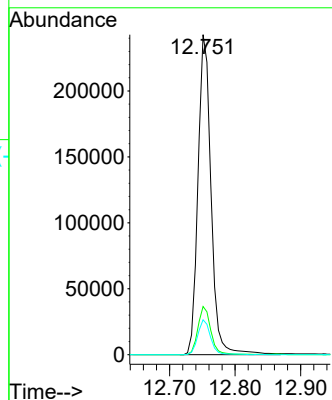
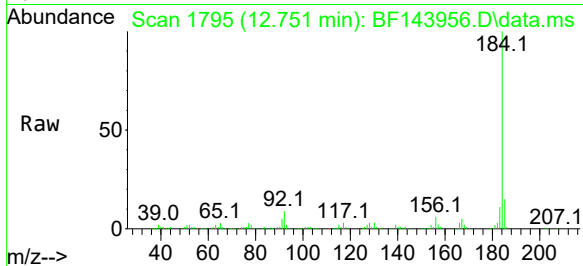




#77
Benzidine
Concen: 39.543 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

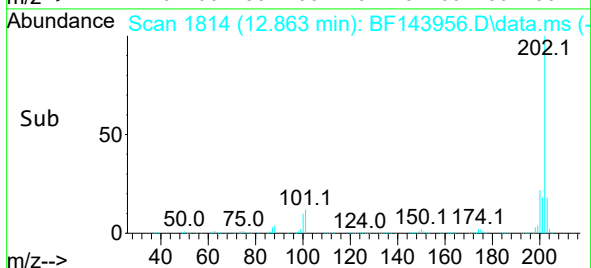
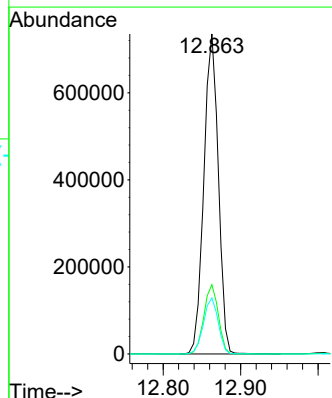
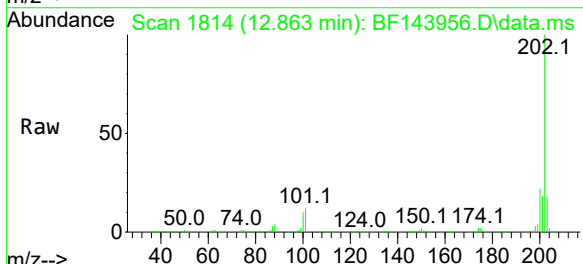
Instrument :
BNA_F
ClientSampleId :
PB170106BS

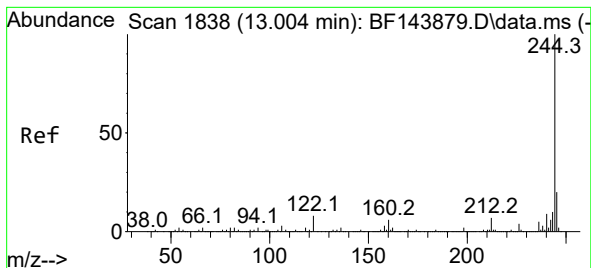
Tgt Ion:184 Resp: 337304
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 10.9 8.8 13.2



#78
Pyrene
Concen: 46.553 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:202 Resp: 953436
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 94.624 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143956.D

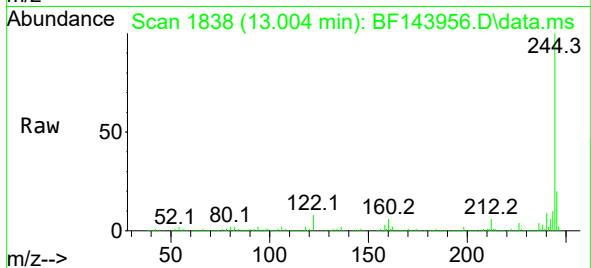
Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS



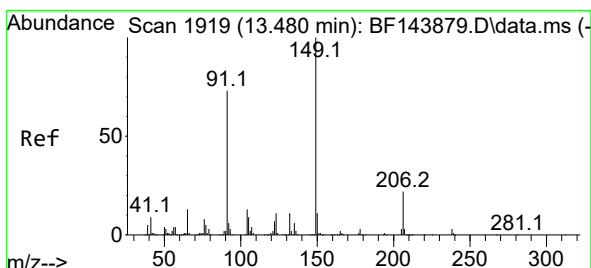
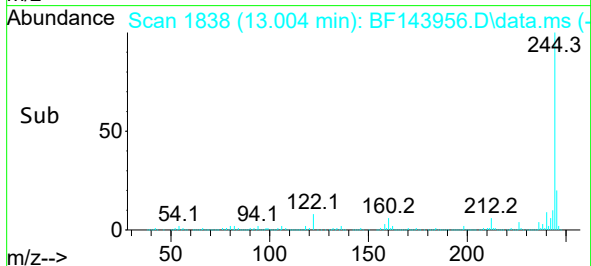
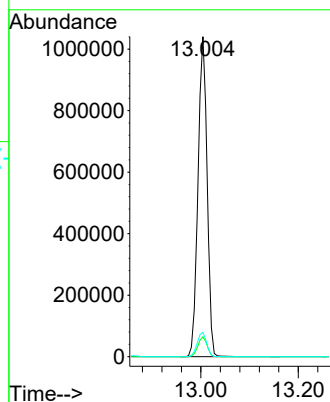
Tgt Ion:244 Resp: 1360133

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 7.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 53.272 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

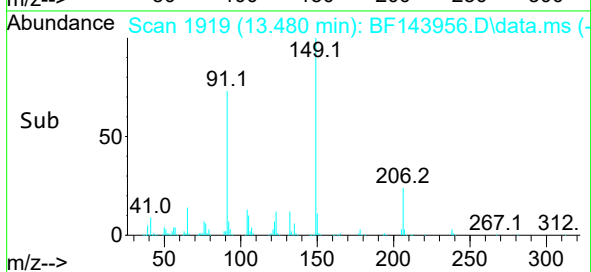
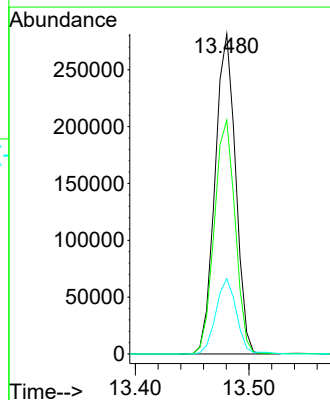
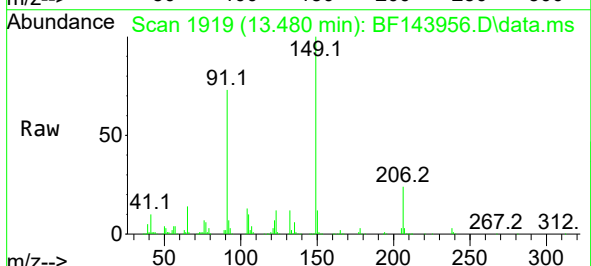
Tgt Ion:149 Resp: 354337

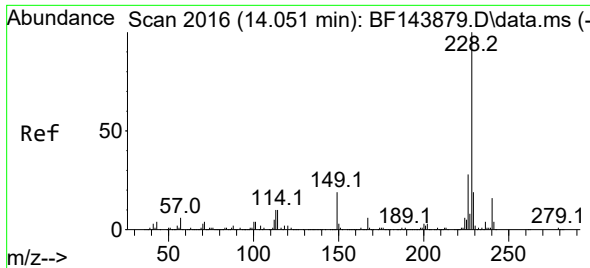
Ion Ratio Lower Upper

149 100

91 73.1 58.2 87.2

206 23.5 17.9 26.9

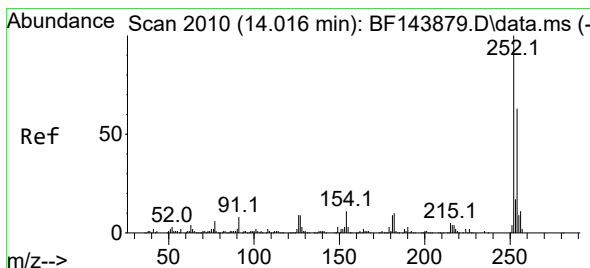
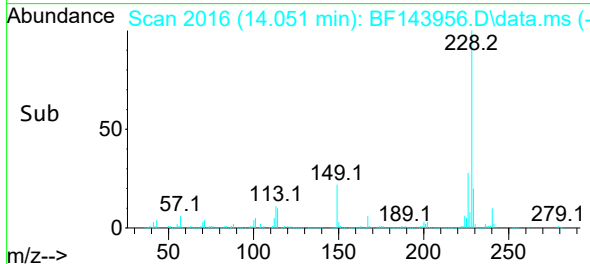
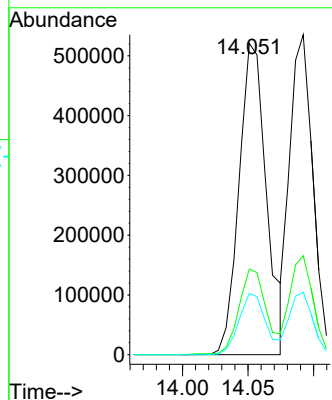
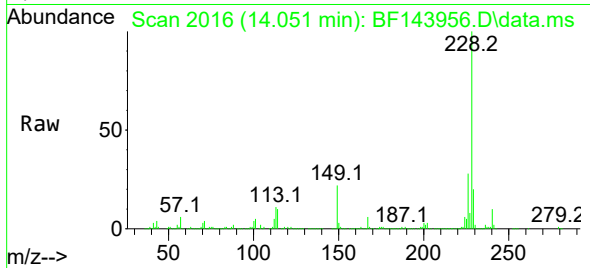




#81
Benzo(a)anthracene
Concen: 47.287 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

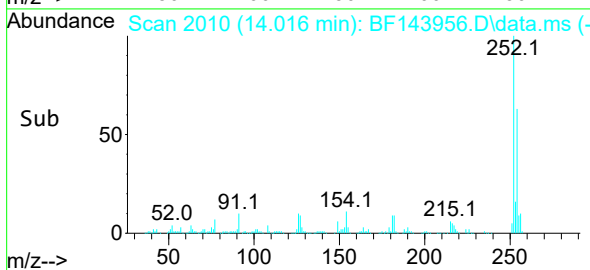
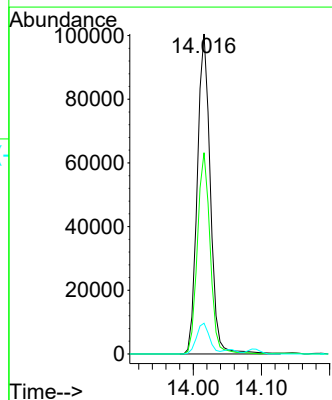
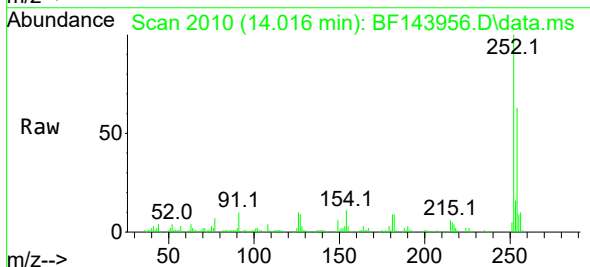
Instrument :
BNA_F
ClientSampleId :
PB170106BS

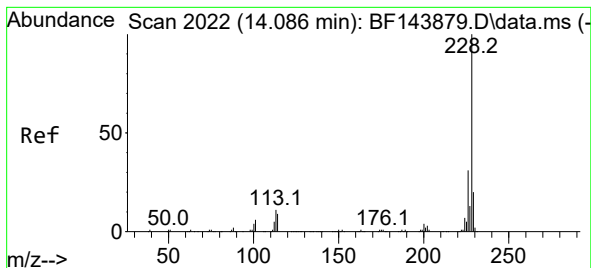
Tgt Ion:228 Resp: 760200
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 27.209 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:252 Resp: 133302
Ion Ratio Lower Upper
252 100
254 62.9 50.6 76.0
126 9.6 7.0 10.6





#83

Chrysene

Concen: 44.220 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

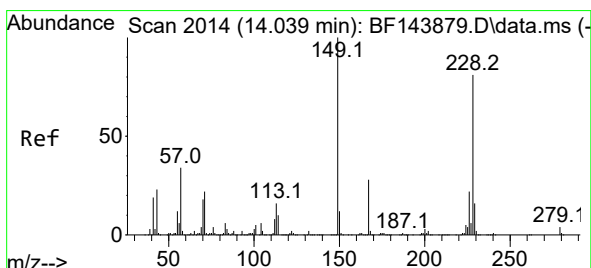
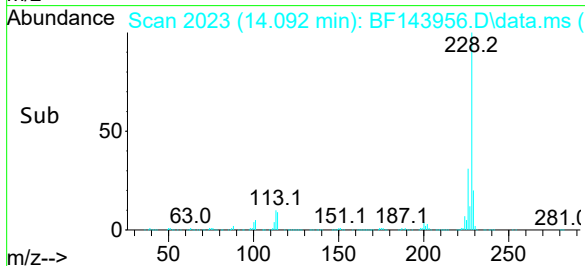
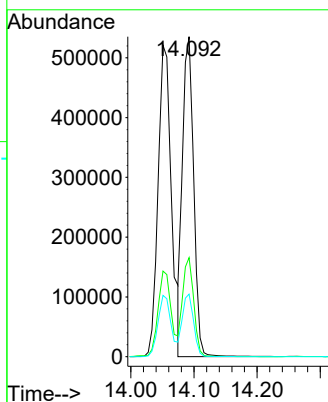
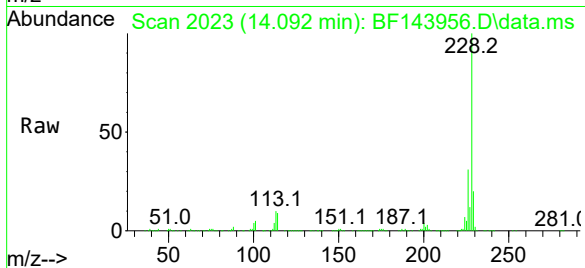
Tgt Ion:228 Resp: 657949

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.173 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

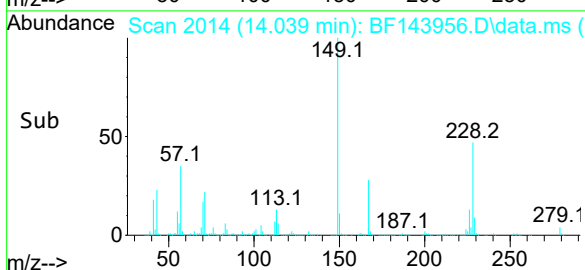
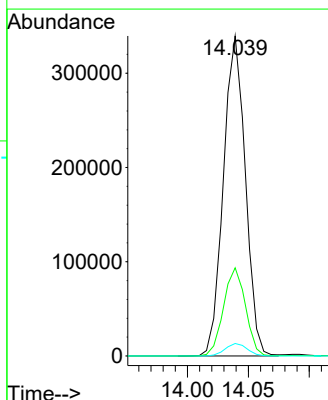
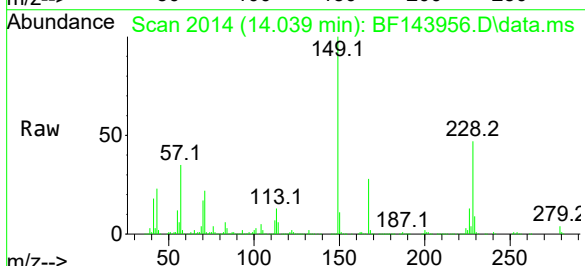
Tgt Ion:149 Resp: 426338

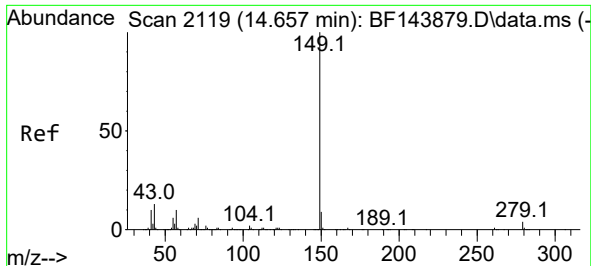
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 3.9 3.1 4.7

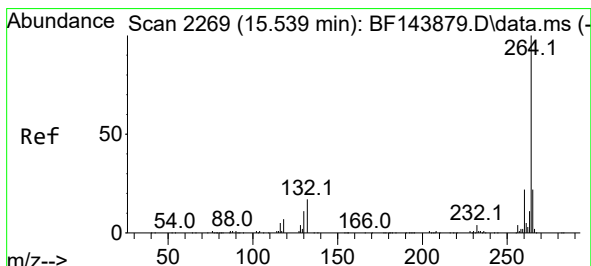
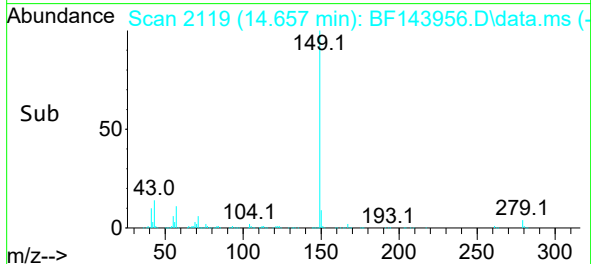
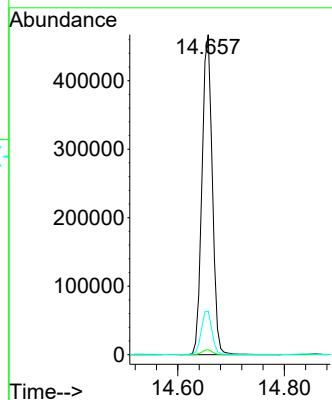
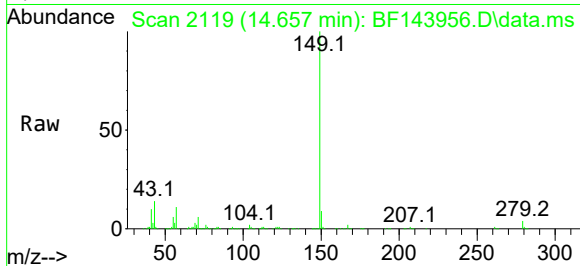




#85
Di-n-octyl phthalate
Concen: 47.582 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

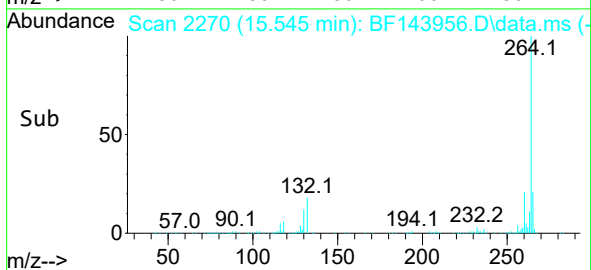
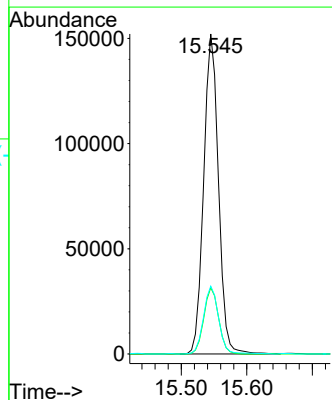
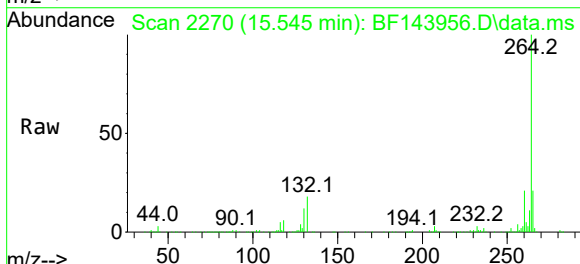
Instrument :
BNA_F
ClientSampleId :
PB170106BS

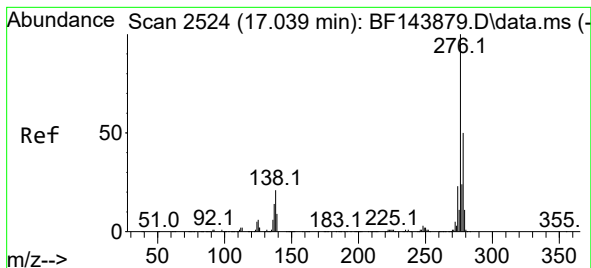
Tgt Ion:149 Resp: 626607
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.0 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:264 Resp: 238733
Ion Ratio Lower Upper
264 100
260 20.7 17.8 26.8
265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.809 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

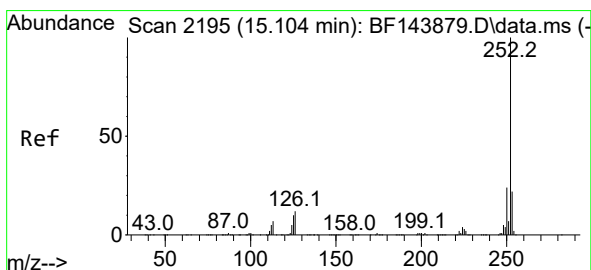
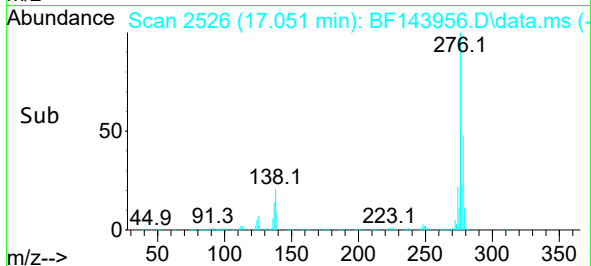
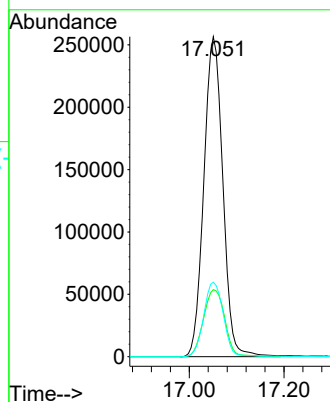
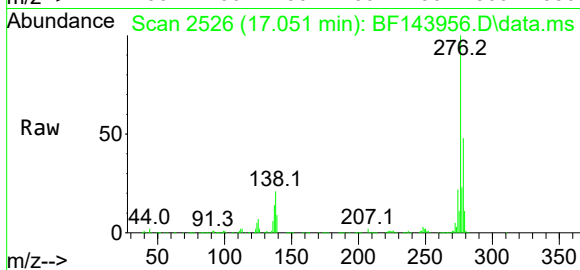
Tgt Ion:276 Resp: 713984

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.2

277 24.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 46.278 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

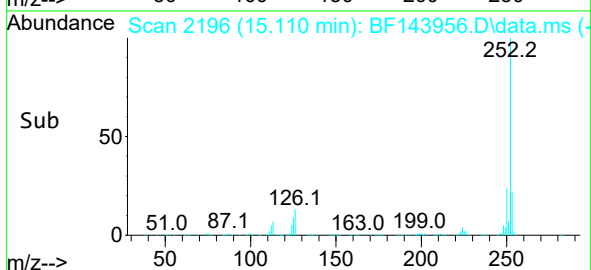
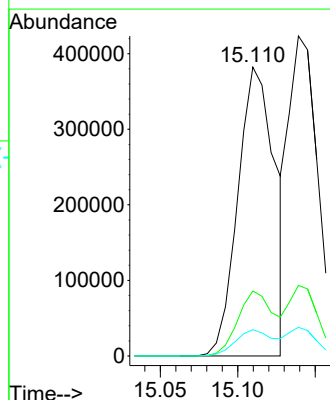
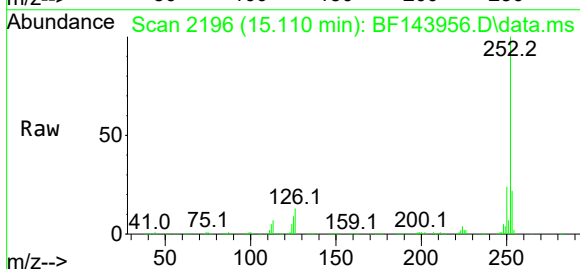
Tgt Ion:252 Resp: 634642

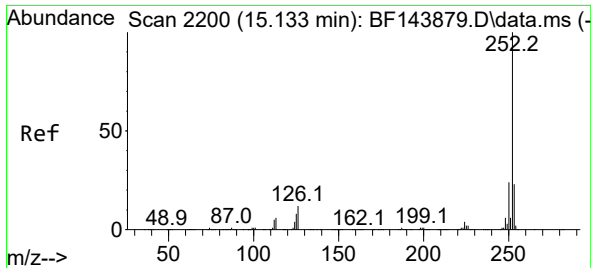
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 9.1 7.8 11.6

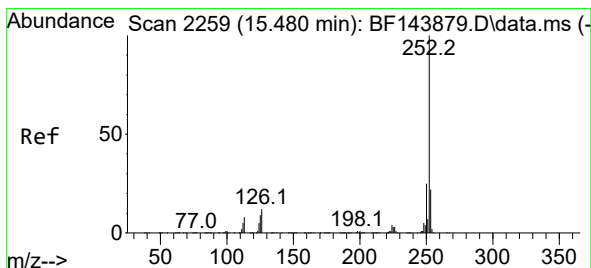
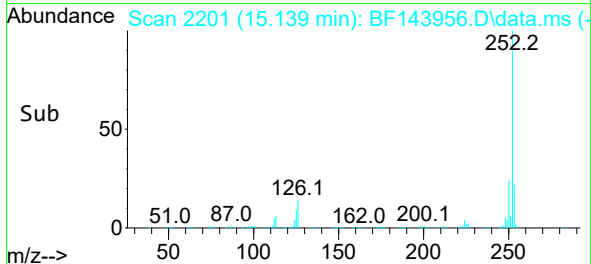
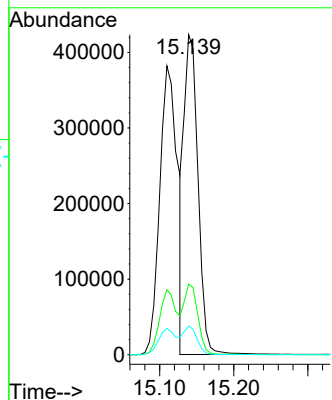
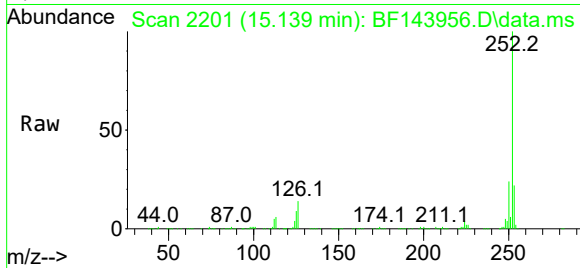




#89
Benzo(k)fluoranthene
Concen: 44.006 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

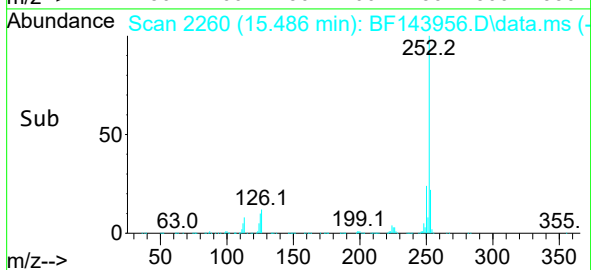
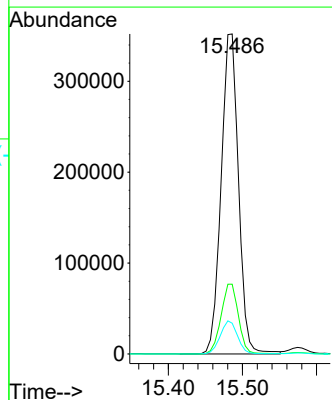
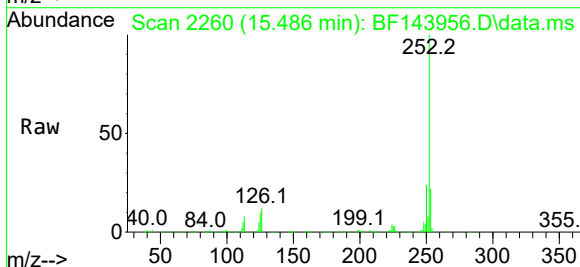
Instrument :
BNA_F
ClientSampleId :
PB170106BS

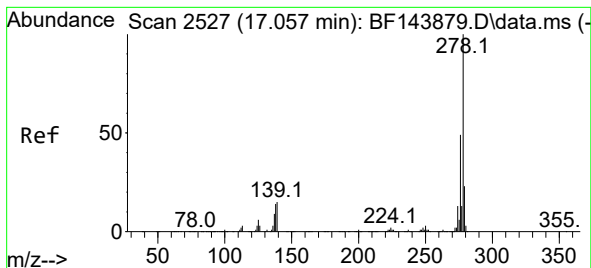
Tgt Ion:252 Resp: 558412
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 48.140 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143956.D
Acq: 15 Oct 2025 16:59

Tgt Ion:252 Resp: 572433
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.6 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 49.021 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Instrument :

BNA_F

ClientSampleId :

PB170106BS

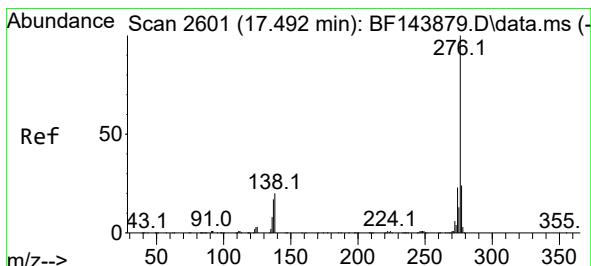
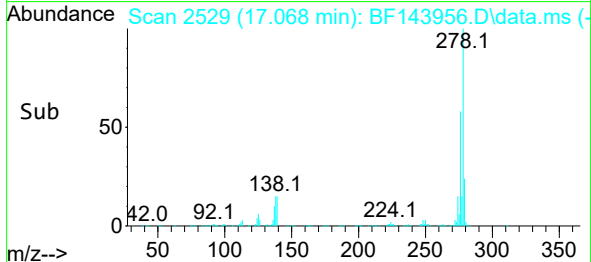
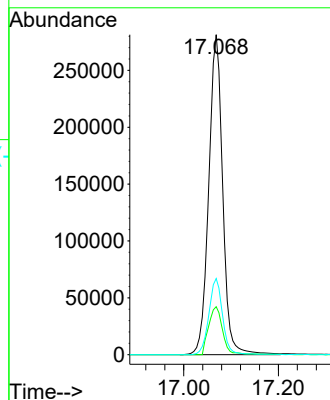
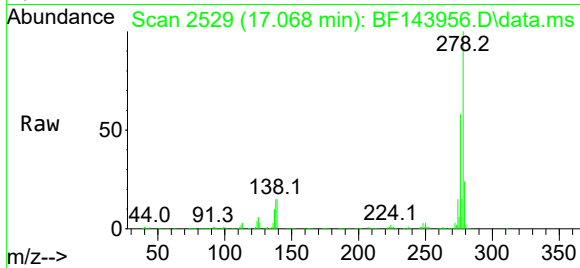
Tgt Ion:278 Resp: 576733

Ion Ratio Lower Upper

278 100

139 15.0 11.7 17.5

279 23.8 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 48.609 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF143956.D

Acq: 15 Oct 2025 16:59

Tgt Ion:276 Resp: 571889

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 23.0 16.1 24.1

