

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143323.D
 Acq On : 06 Aug 2025 11:36
 Operator : RC/JU
 Sample : PB169106BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169106BS

Quant Time: Aug 06 11:59:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113566	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	430982	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	226008	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	366768	20.000	ng	0.00
76) Chrysene-d12	14.133	240	218116	20.000	ng	0.01
86) Perylene-d12	15.639	264	231621	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	842147	117.347	ng	0.02
7) Phenol-d6	6.598	99	1065274	117.932	ng	0.01
23) Nitrobenzene-d5	7.522	82	711762	82.322	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	295021	126.359	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1281044	77.519	ng	0.00
79) Terphenyl-d14	13.068	244	1204586	82.184	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	120280	35.421	ng	99
3) Pyridine	3.651	79	331047	37.560	ng	98
4) n-Nitrosodimethylamine	3.593	42	184494	40.543	ng	95
6) Aniline	6.622	93	343782	27.308	ng	# 79
8) 2-Chlorophenol	6.751	128	321033	42.677	ng	98
9) Benzaldehyde	6.510	77	197213	29.116	ng	99
10) Phenol	6.610	94	404743	41.130	ng	90
11) bis(2-Chloroethyl)ether	6.692	93	323412	42.924	ng	99
12) 1,3-Dichlorobenzene	6.904	146	340851	41.711	ng	99
13) 1,4-Dichlorobenzene	6.981	146	343020	41.682	ng	99
14) 1,2-Dichlorobenzene	7.134	146	329775	42.132	ng	99
15) Benzyl Alcohol	7.098	79	291794	42.307	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	596198	42.656	ng	96
17) 2-Methylphenol	7.216	107	266136	42.077	ng	98
18) Hexachloroethane	7.475	117	121233	42.554	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	235154	40.577	ng	99
20) 3+4-Methylphenols	7.363	107	315288	41.085	ng	# 76
22) Acetophenone	7.369	105	424451	41.598	ng	# 97
24) Nitrobenzene	7.539	77	351904	43.656	ng	99
25) Isophorone	7.781	82	656988	43.044	ng	99
26) 2-Nitrophenol	7.857	139	175693	50.221	ng	97
27) 2,4-Dimethylphenol	7.892	122	295630	41.457	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	397686	43.457	ng	99
29) 2,4-Dichlorophenol	8.098	162	262165	43.594	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	280608	43.190	ng	100
31) Naphthalene	8.269	128	915423	43.129	ng	100
32) Benzoic acid	8.004	122	154366	39.461	ng	99
33) 4-Chloroaniline	8.310	127	132807	15.324	ng	98
34) Hexachlorobutadiene	8.386	225	170566	42.976	ng	99
35) Caprolactam	8.681	113	87478	48.137	ng	99
36) 4-Chloro-3-methylphenol	8.792	107	283707	43.403	ng	98
37) 2-Methylnaphthalene	8.957	142	560060	43.362	ng	99
38) 1-Methylnaphthalene	9.057	142	569541	42.822	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	275115	42.163	ng	99
41) Hexachlorocyclopentadiene	9.116	237	290674	68.463	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	182380	40.386	ng	100

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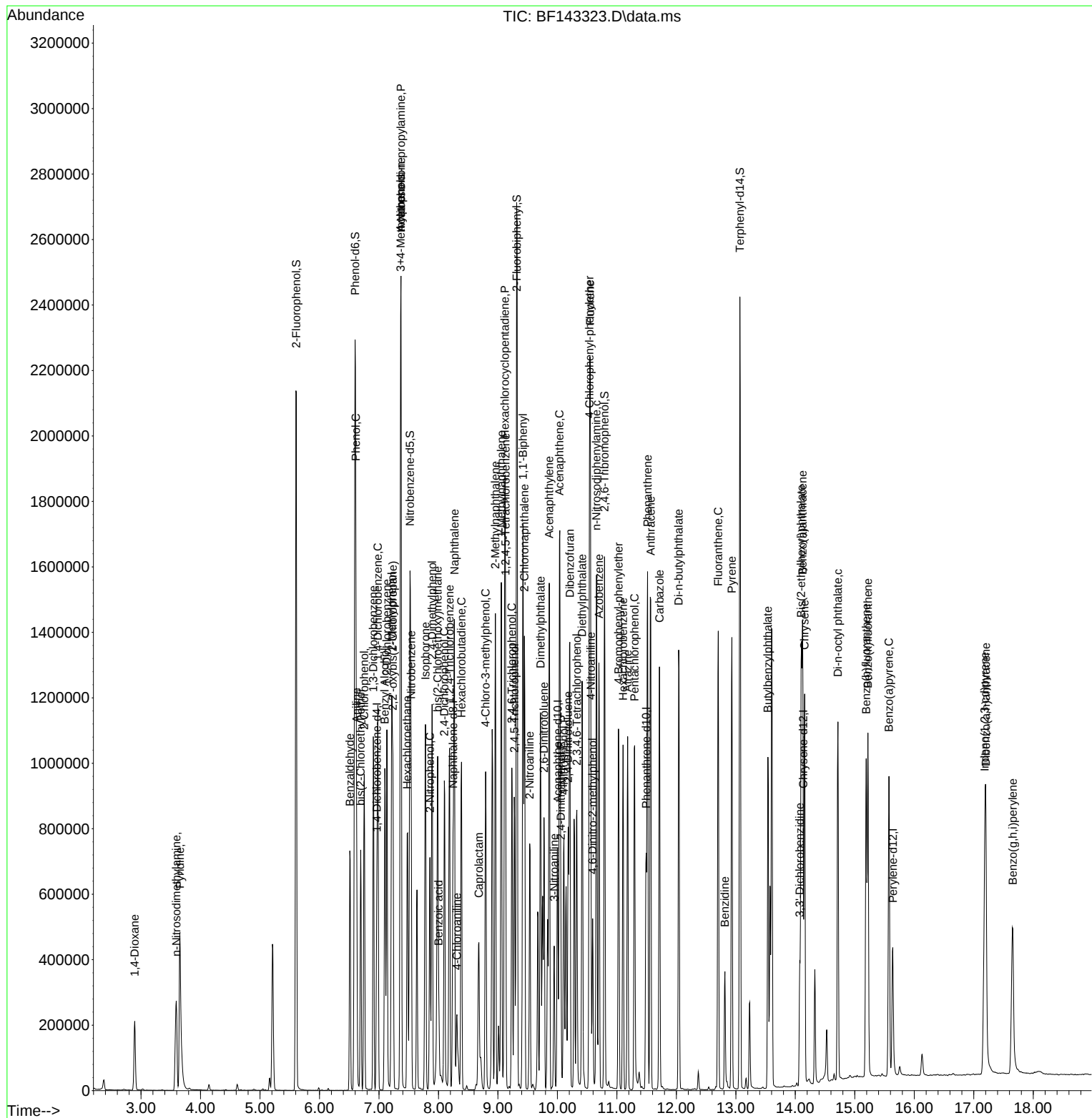
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	191583	42.411	ng	98
46) 1,1'-Biphenyl	9.422	154	745971	42.305	ng	99
47) 2-Chloronaphthalene	9.445	162	549316	42.102	ng	100
48) 2-Nitroaniline	9.533	65	184070	44.988	ng	98
49) Acenaphthylene	9.863	152	933501	42.694	ng	100
50) Dimethylphthalate	9.716	163	655906	44.523	ng	100
51) 2,6-Dinitrotoluene	9.775	165	142737	47.628	ng	98
52) Acenaphthene	10.033	154	594413	45.996	ng	98
53) 3-Nitroaniline	9.945	138	92055	26.261	ng	96
54) 2,4-Dinitrophenol	10.057	184	122873	89.592	ng	# 1
55) Dibenzofuran	10.210	168	804945	41.953	ng	99
56) 4-Nitrophenol	10.110	139	181692	69.412	ng	95
57) 2,4-Dinitrotoluene	10.180	165	189540	50.411	ng	97
58) Fluorene	10.551	166	619917	43.049	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	159922	42.738	ng	97
60) Diethylphthalate	10.416	149	647262	44.452	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	312846	43.630	ng	99
62) 4-Nitroaniline	10.563	138	131161	43.658	ng	97
63) Azobenzene	10.698	77	652365	42.987	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	91775	47.762	ng	100
66) n-Nitrosodiphenylamine	10.657	169	542862	42.033	ng	98
67) 4-Bromophenyl-phenylether	11.027	248	188848	43.206	ng	99
68) Hexachlorobenzene	11.104	284	197340	43.196	ng	98
69) Atrazine	11.180	200	170389	47.855	ng	99
70) Pentachlorophenol	11.298	266	191047	71.110	ng	99
71) Phenanthrene	11.516	178	820547	42.135	ng	100
72) Anthracene	11.569	178	844668	42.528	ng	100
73) Carbazole	11.716	167	734242	42.336	ng	100
74) Di-n-butylphthalate	12.039	149	967770	49.317	ng	100
75) Fluoranthene	12.704	202	807761	45.190	ng	99
77) Benzidine	12.816	184	209571	24.939	ng	99
78) Pyrene	12.933	202	796950	42.812	ng	100
80) Butylbenzylphthalate	13.539	149	325961	57.184	ng	99
81) Benzo(a)anthracene	14.121	228	644421	44.130	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	114861	23.600	ng	99
83) Chrysene	14.157	228	567438	43.219	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	443590	51.414	ng	100
85) Di-n-octyl phthalate	14.715	149	716056	45.787	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.186	276	639442	39.152	ng	99
88) Benzo(b)fluoranthene	15.192	252	587738	41.536	ng	99
89) Benzo(k)fluoranthene	15.221	252	608697	48.207	ng	99
90) Benzo(a)pyrene	15.574	252	579387	44.442	ng	99
91) Dibenzo(a,h)anthracene	17.203	278	515564	38.783	ng	100
92) Benzo(g,h,i)perylene	17.656	276	500415	38.915	ng	99

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

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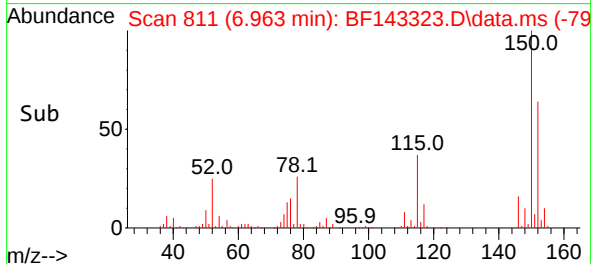
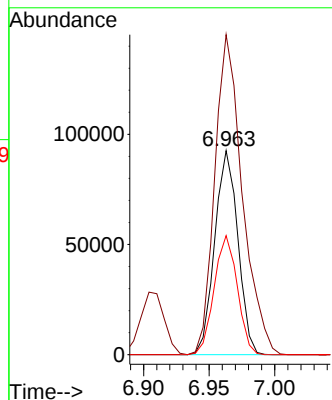
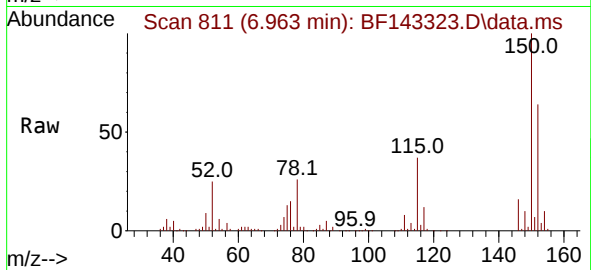




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143323.D
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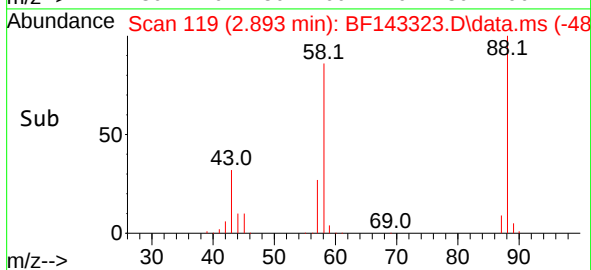
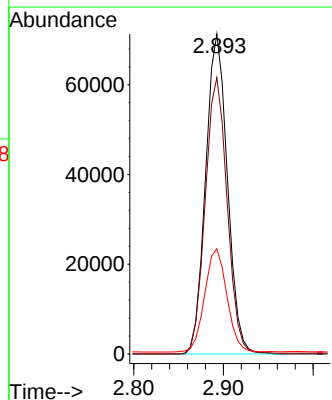
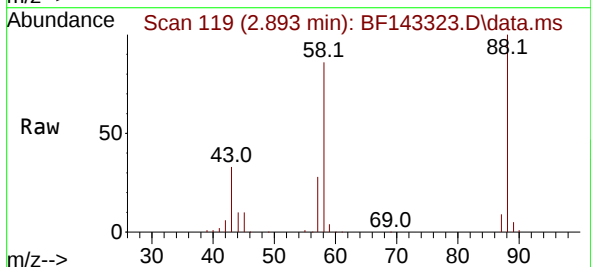
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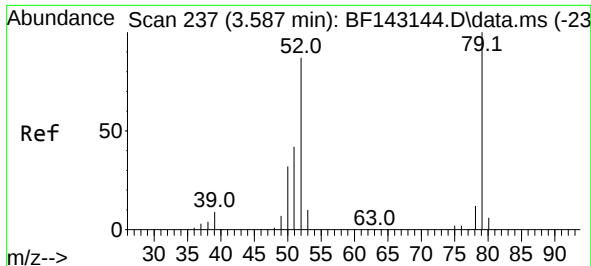
Tgt Ion:152 Resp: 113566
 Ion Ratio Lower Upper
 152 100
 150 156.8 128.2 192.4
 115 58.4 47.9 71.9



#2
 1,4-Dioxane
 Concen: 35.421 ng
 RT: 2.893 min Scan# 119
 Delta R.T. 0.071 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

Tgt Ion: 88 Resp: 120280
 Ion Ratio Lower Upper
 88 100
 58 87.1 70.2 105.2
 43 33.0 27.1 40.7

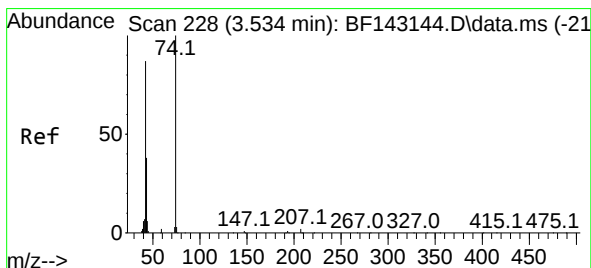
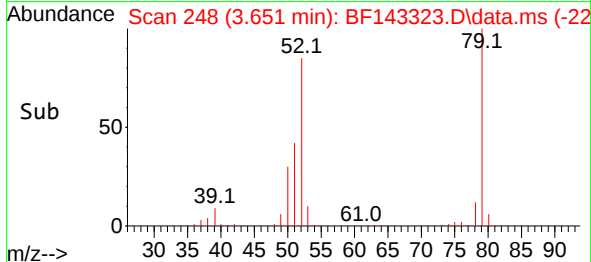
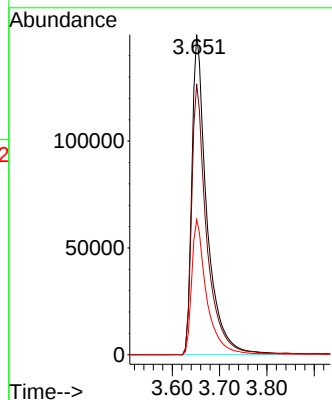
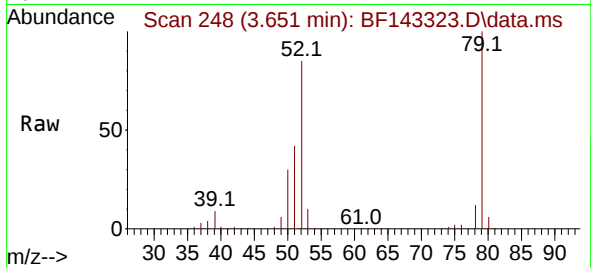




#3
Pyridine
Concen: 37.560 ng
RT: 3.651 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF143323.D
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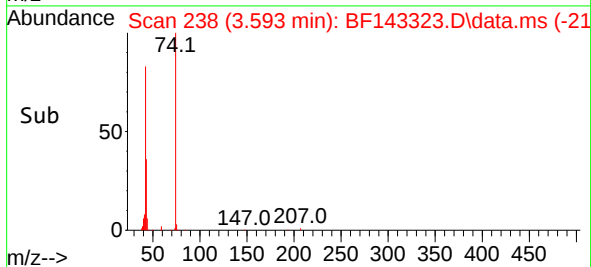
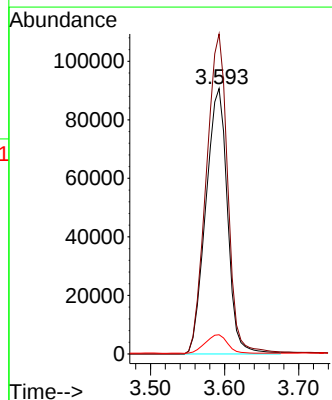
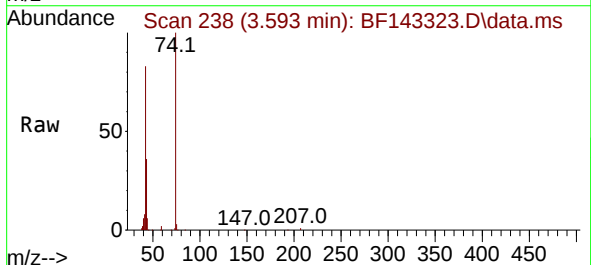
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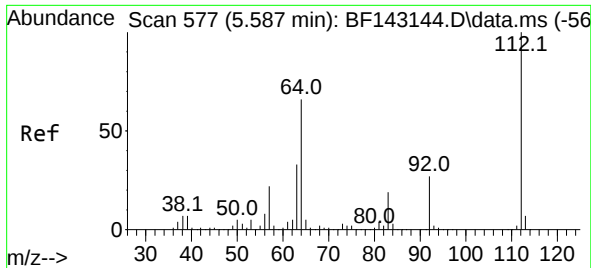
Tgt Ion: 79 Resp: 331047
Ion Ratio Lower Upper
79 100
52 84.7 69.4 104.2
51 42.2 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 40.543 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion: 42 Resp: 184494
Ion Ratio Lower Upper
42 100
74 120.6 91.7 137.5
44 7.3 5.6 8.4

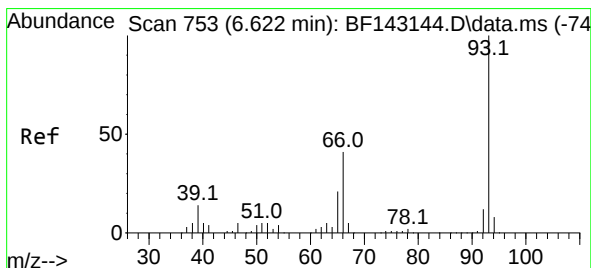
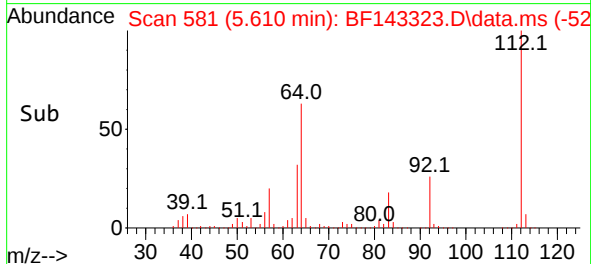
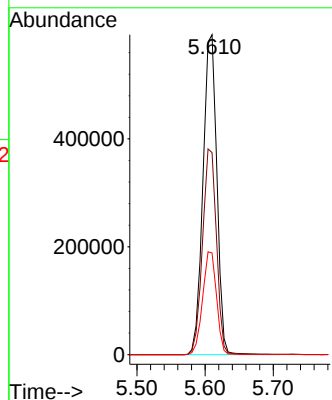
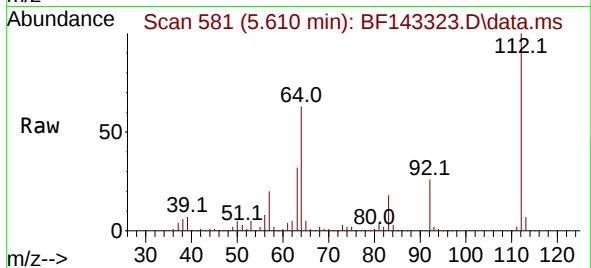




#5
2-Fluorophenol
Concen: 117.347 ng
RT: 5.610 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

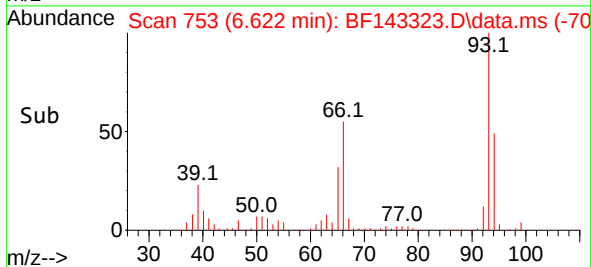
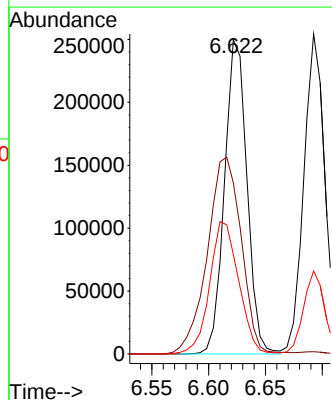
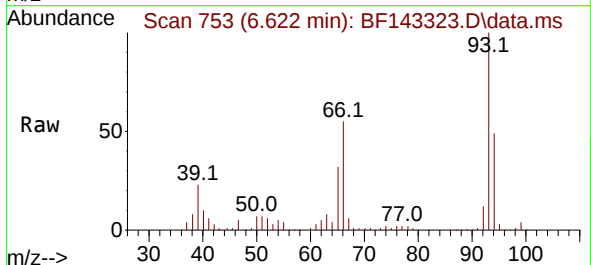
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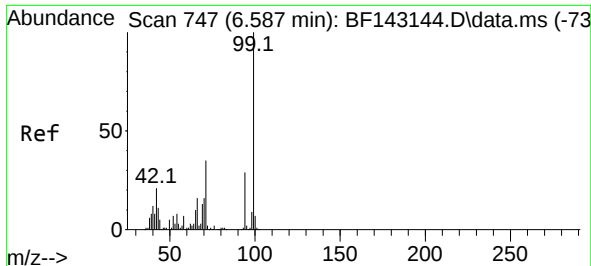
Tgt Ion:112 Resp: 842147
Ion Ratio Lower Upper
112 100
64 63.2 53.1 79.7
63 31.8 26.6 40.0



#6
Aniline
Concen: 27.308 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143323.D
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Tgt Ion: 93 Resp: 343782
Ion Ratio Lower Upper
93 100
66 54.5 33.2 49.8#
65 31.7 16.9 25.3#



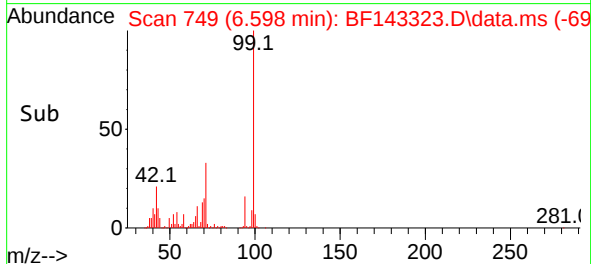
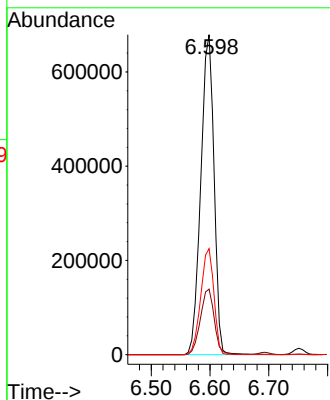
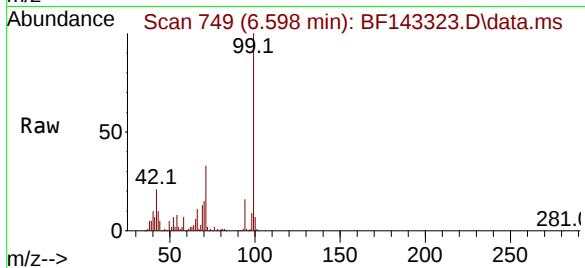


#7
Phenol-d6
Concen: 117.932 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF143323.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1065274

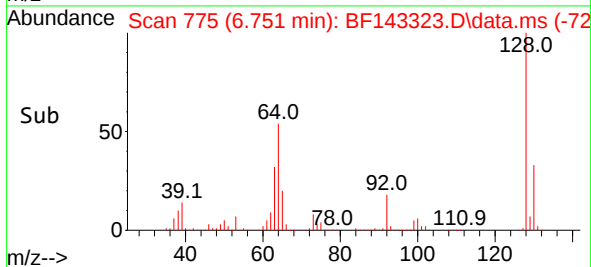
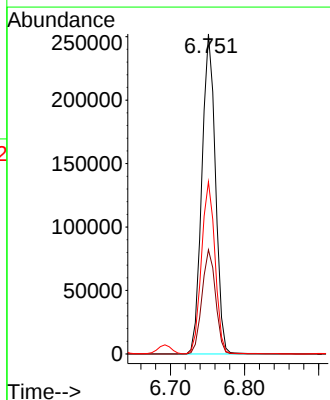
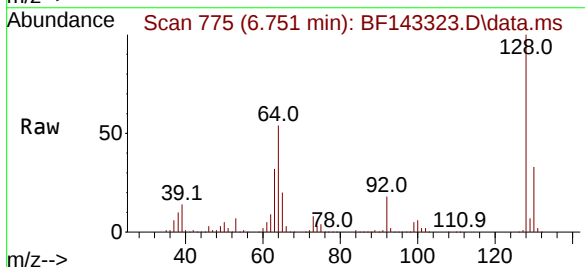
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.6
71	33.2	27.7	41.5



#8
2-Chlorophenol
Concen: 42.677 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
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Tgt Ion: 128 Resp: 321033

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	53.8	35.9	75.9

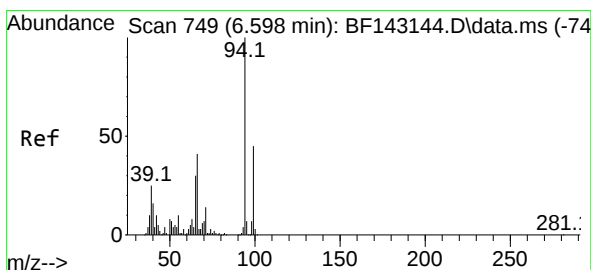
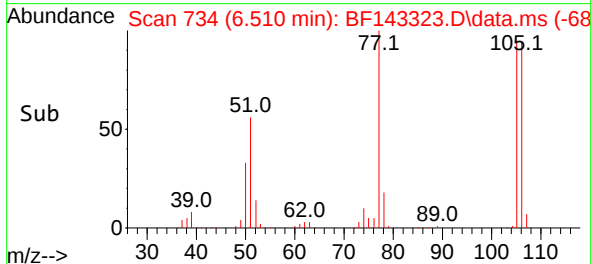
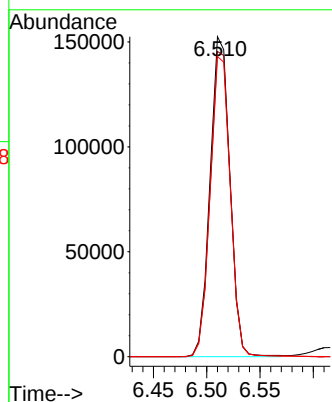
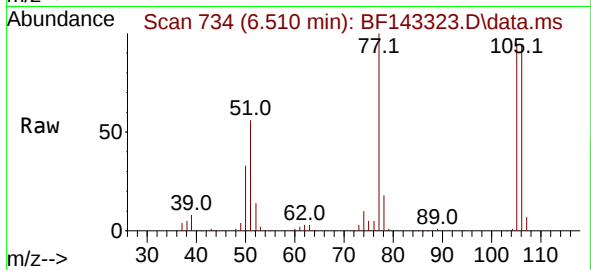




#9
Benzaldehyde
Concen: 29.116 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
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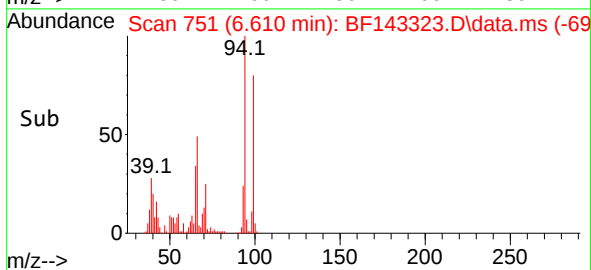
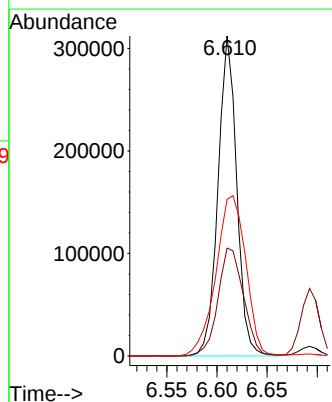
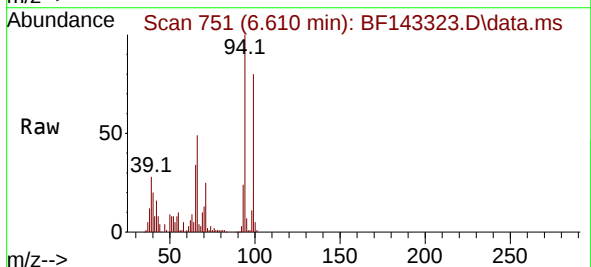
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Tgt Ion: 77 Resp: 197213
Ion Ratio Lower Upper
77 100
105 95.4 76.8 116.8
106 93.8 74.4 114.4



#10
Phenol
Concen: 41.130 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 404743
Ion Ratio Lower Upper
94 100
65 33.7 10.0 50.0
66 48.9 20.8 60.8

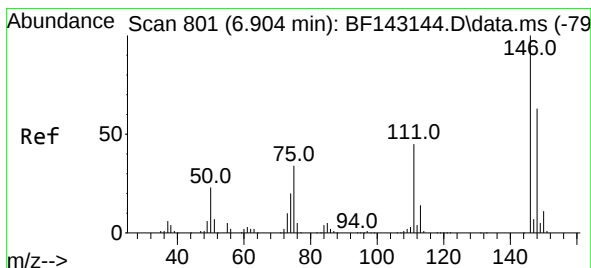
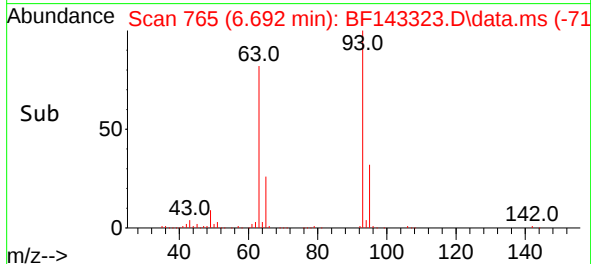
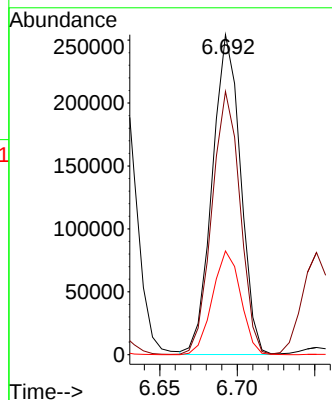
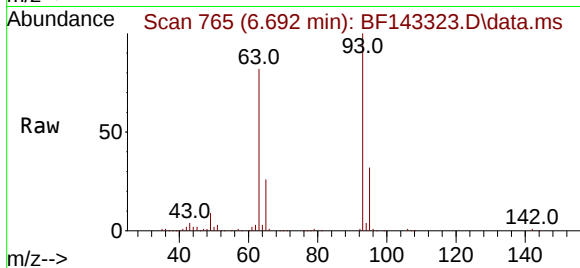




#11
bis(2-Chloroethyl)ether
Concen: 42.924 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

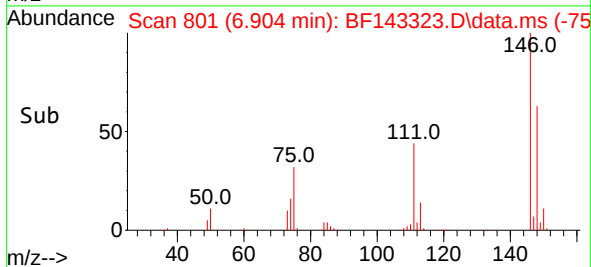
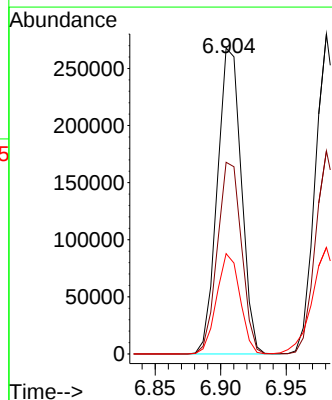
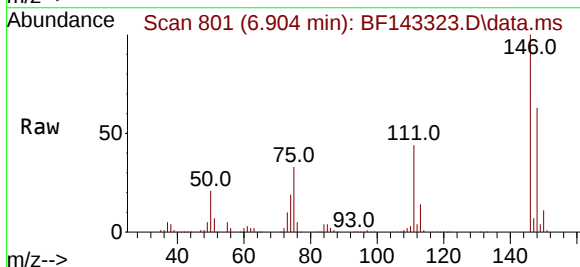
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion: 93 Resp: 323412
Ion Ratio Lower Upper
93 100
63 82.2 63.4 103.4
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.711 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion: 146 Resp: 340851
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
75 32.8 27.4 41.2

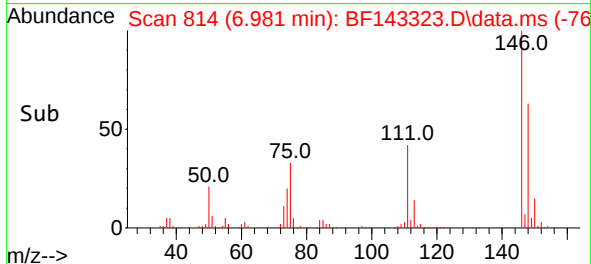
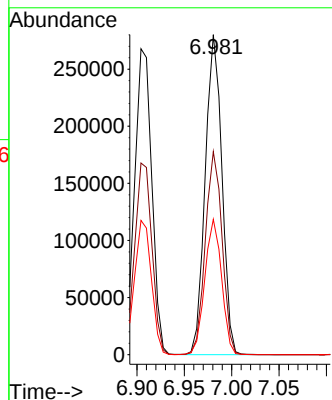
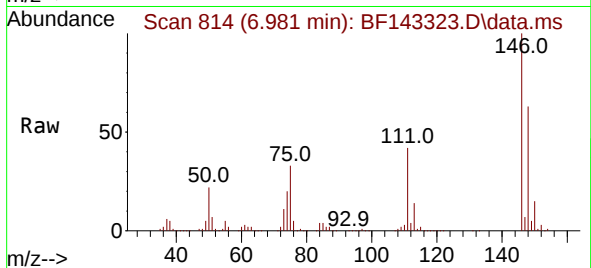




#13
1,4-Dichlorobenzene
Concen: 41.682 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

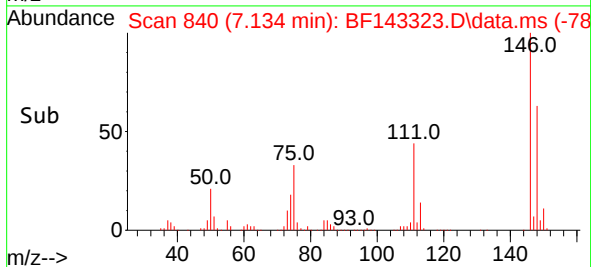
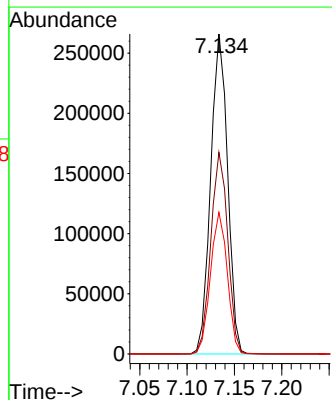
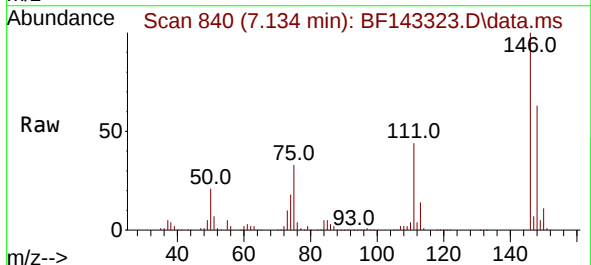
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:146 Resp: 343020
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 42.3 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 42.132 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:146 Resp: 329775
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 44.3 36.6 54.8

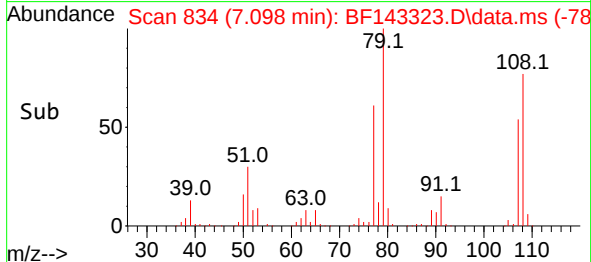
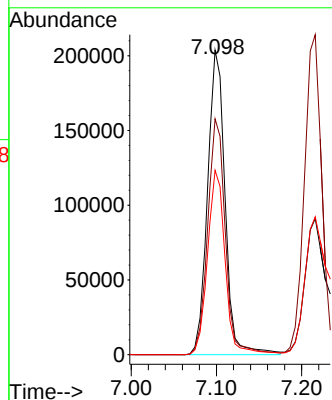
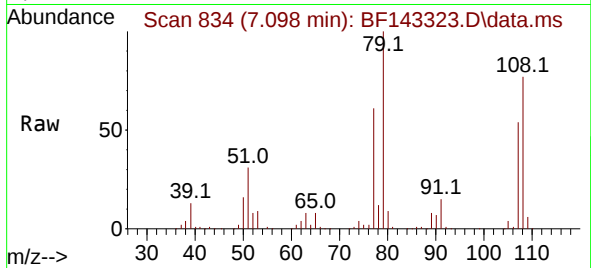




#15
Benzyl Alcohol
Concen: 42.307 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

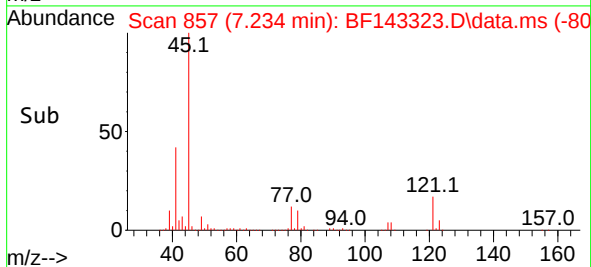
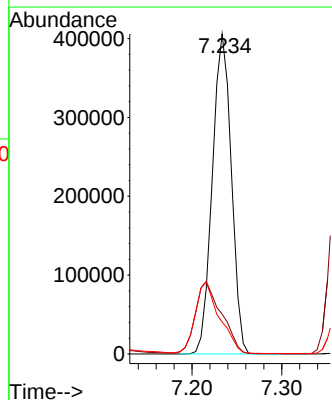
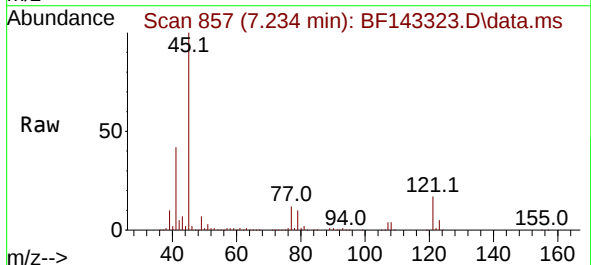
Instrument :
BNA_F
ClientSampleId :
PB169106BS

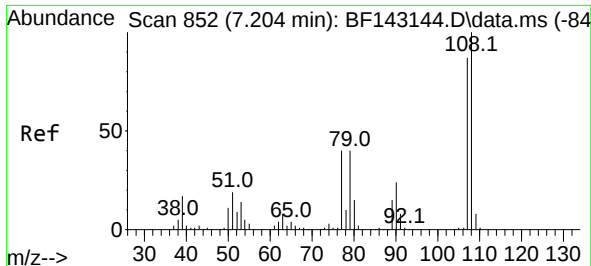
Tgt Ion: 79 Resp: 291794
Ion Ratio Lower Upper
79 100
108 77.5 61.1 91.7
77 60.5 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.656 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

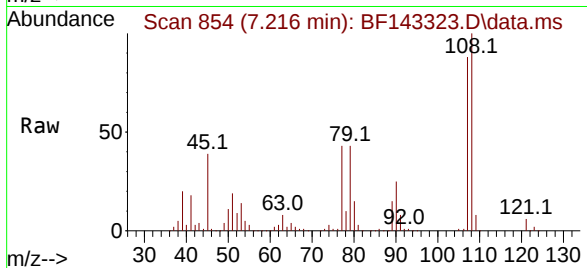
Tgt Ion: 45 Resp: 596198
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.2
79 10.0 0.0 28.5



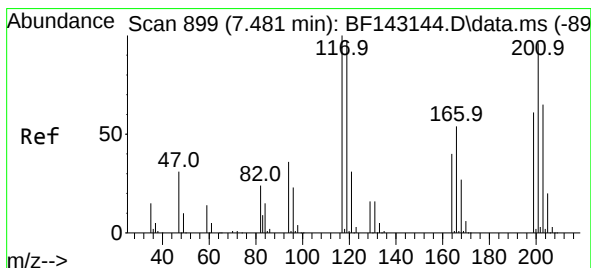
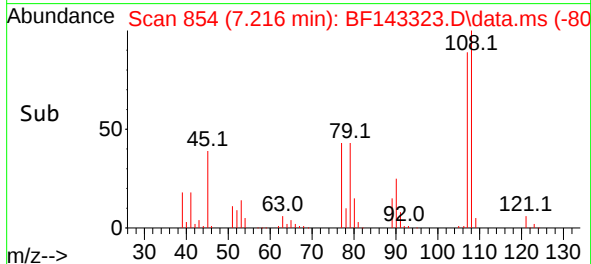
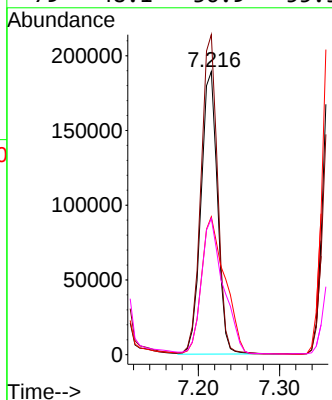


#17
2-Methylphenol
Concen: 42.077 ng
RT: 7.216 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB169106BS

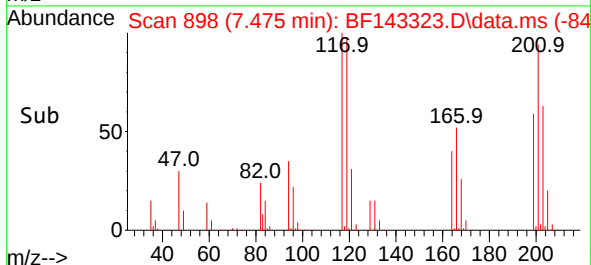
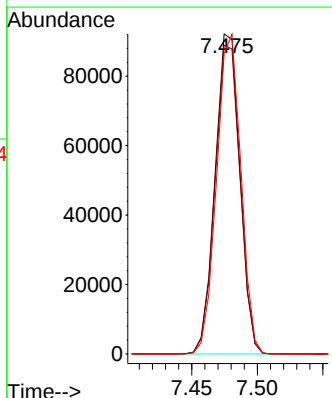
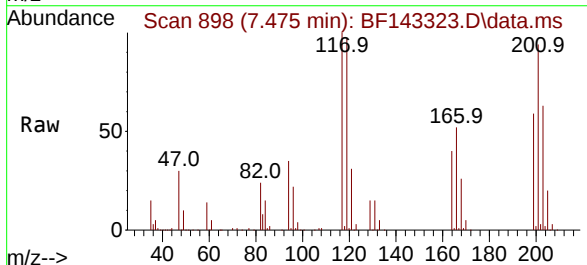


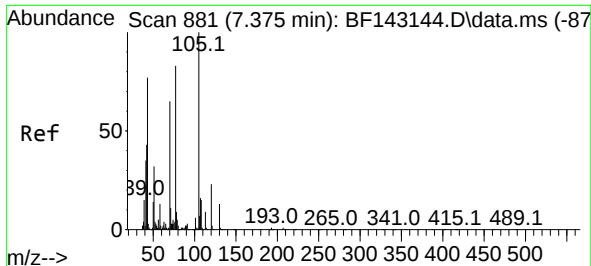
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.8	137.6
77	48.7	37.0	55.6
79	48.1	36.9	55.3



#18
Hexachloroethane
Concen: 42.554 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	93.9	77.0	115.4

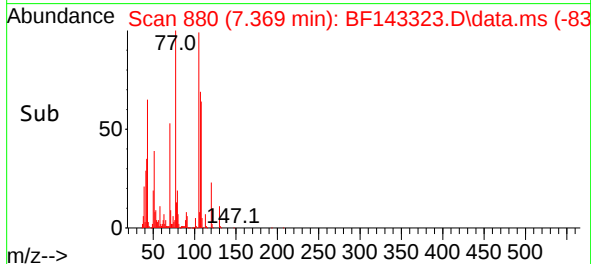
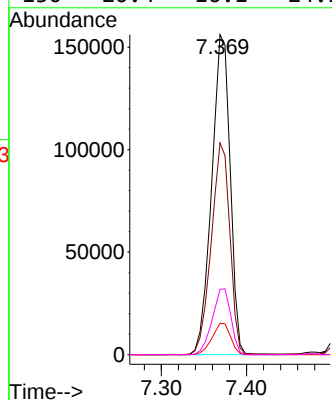
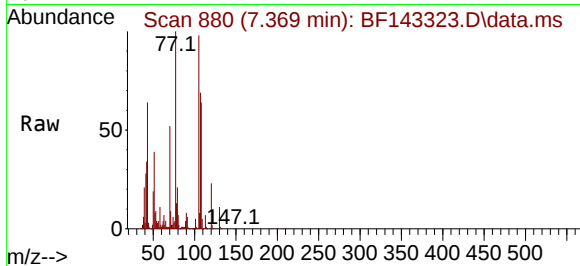




#19
n-Nitroso-di-n-propylamine
Concen: 40.577 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

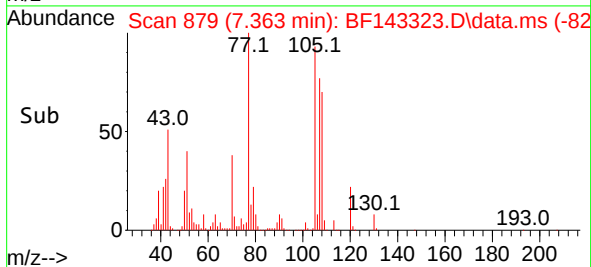
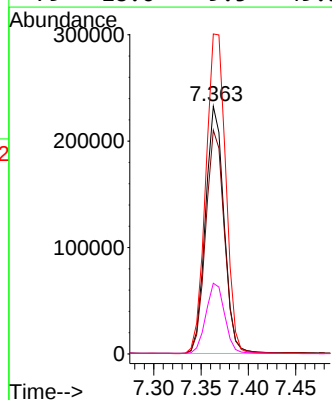
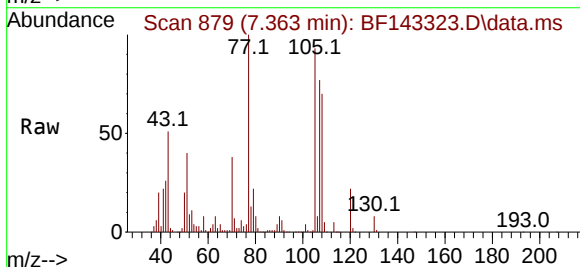
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:	70	Resp:	235154
Ion	Ratio	Lower	Upper
70	100		
42	66.2	52.5	78.7
101	9.8	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 41.085 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:	107	Resp:	315288
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.0	110.0
77	129.2	57.8	97.8#
79	28.6	9.5	49.5

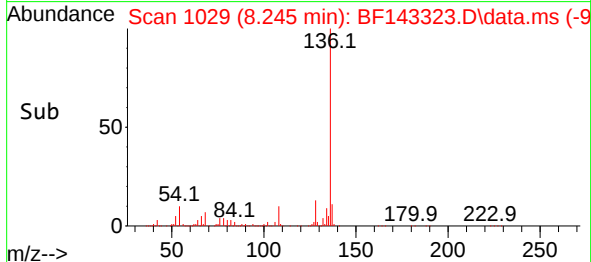
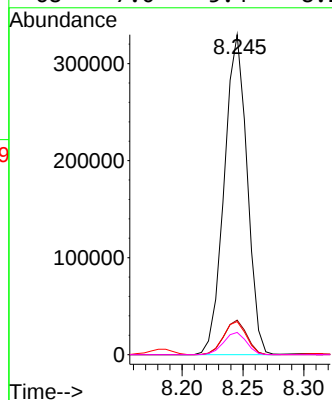
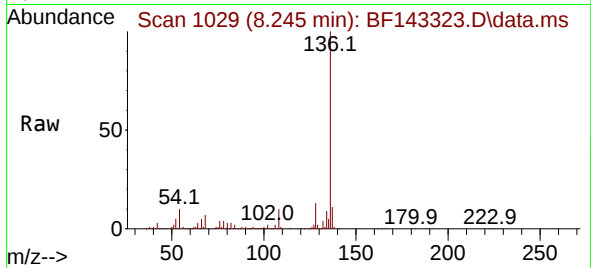




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

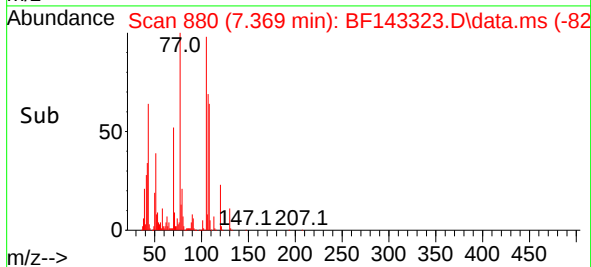
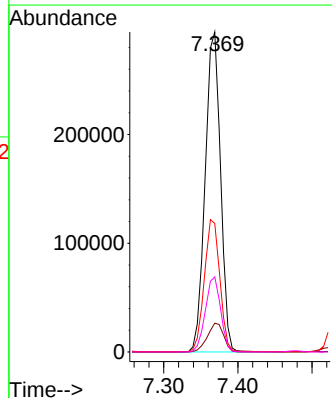
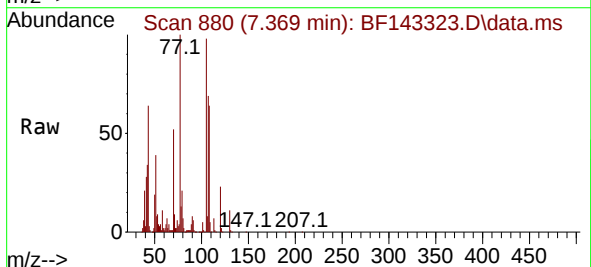
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:	136	Resp:	430982
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.4	8.2	12.2
68	7.0	5.4	8.2



#22
Acetophenone
Concen: 41.598 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:	105	Resp:	424451
Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.8	8.6
51	40.2	30.2	45.2
120	23.5	18.2	27.4





#23

Nitrobenzene-d5

Concen: 82.322 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

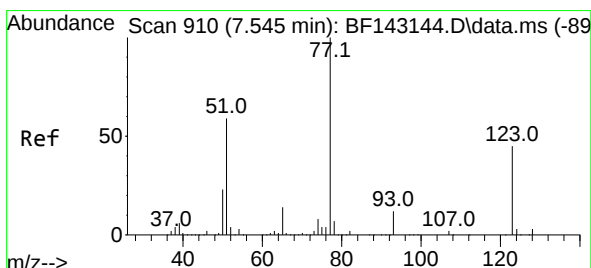
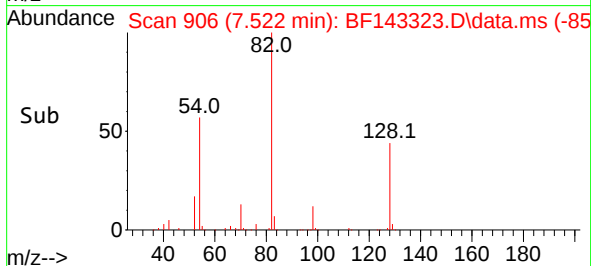
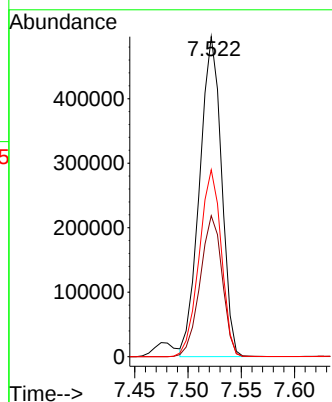
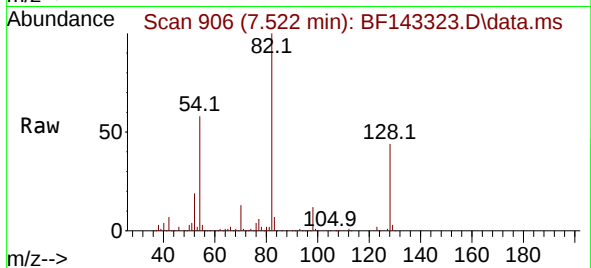
Tgt Ion: 82 Resp: 711762

Ion Ratio Lower Upper

82 100

128 44.1 33.6 50.4

54 58.4 47.1 70.7



#24

Nitrobenzene

Concen: 43.656 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

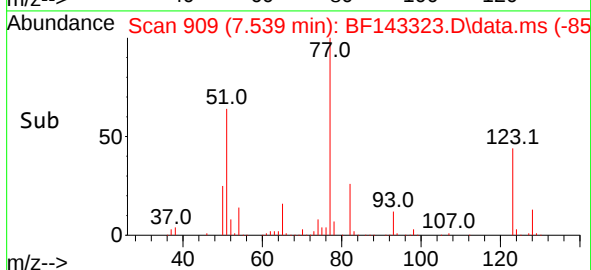
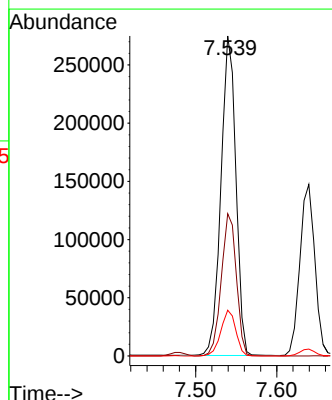
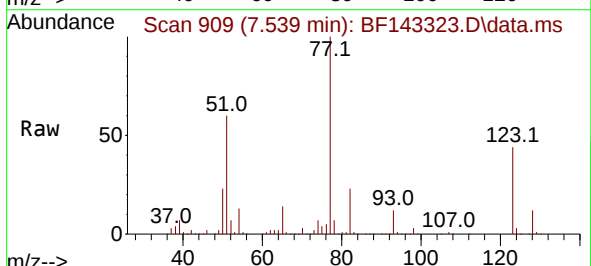
Tgt Ion: 77 Resp: 351904

Ion Ratio Lower Upper

77 100

123 44.5 36.1 54.1

65 14.3 11.4 17.2

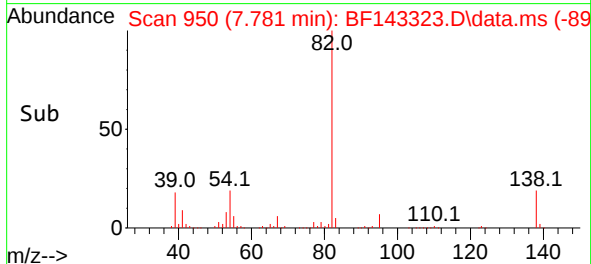
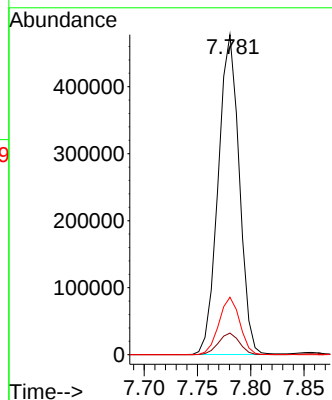
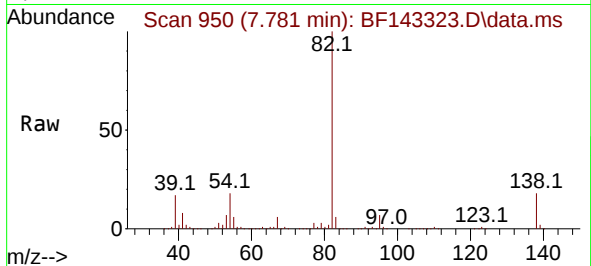




#25
Isophorone
Concen: 43.044 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

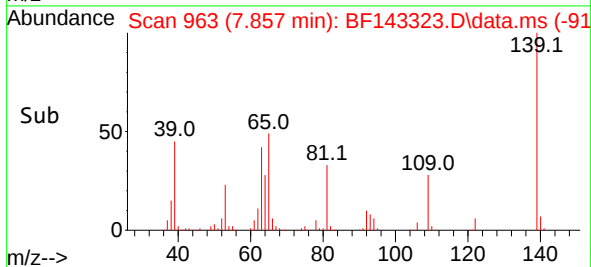
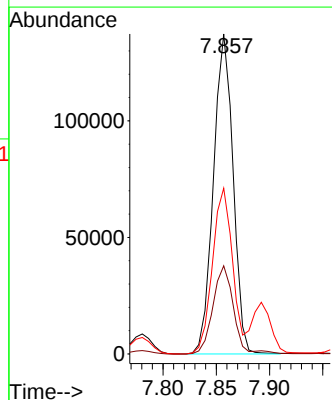
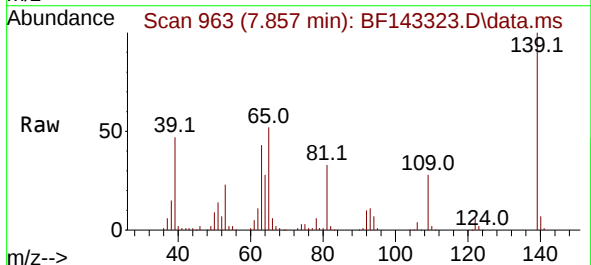
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion: 82 Resp: 656988
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 50.221 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:139 Resp: 175693
Ion Ratio Lower Upper
139 100
109 27.5 23.6 35.4
65 51.8 42.6 64.0

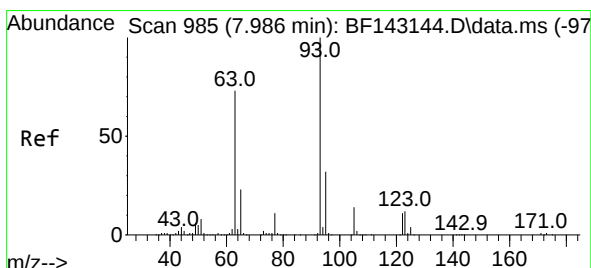
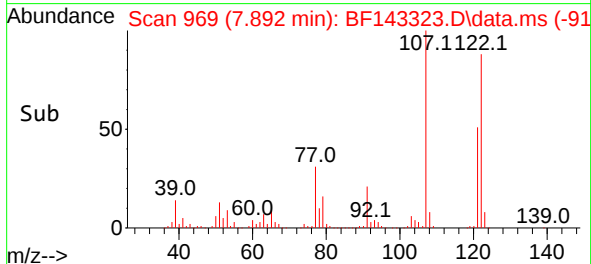
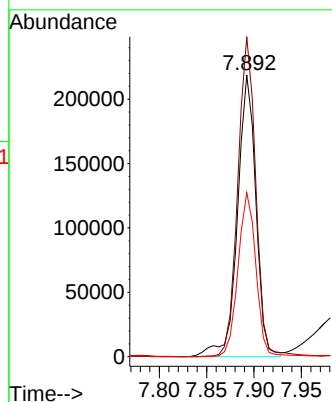
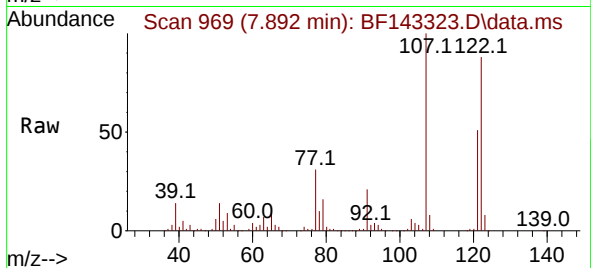




#27
2,4-Dimethylphenol
Concen: 41.457 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

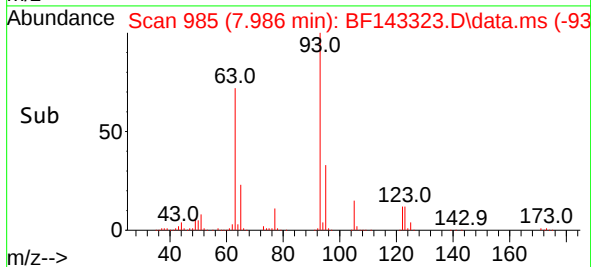
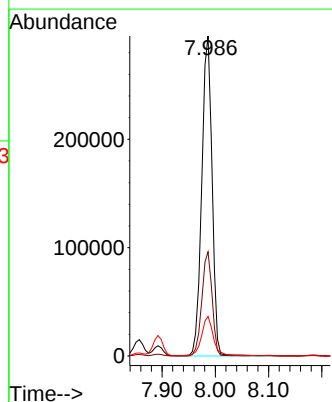
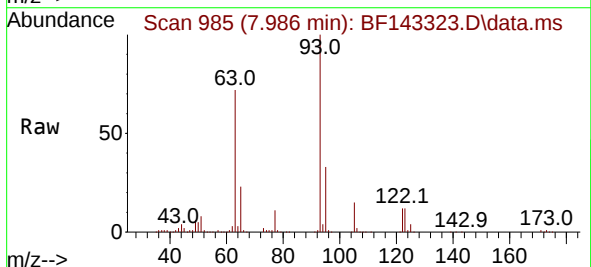
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:122 Resp: 295630
Ion Ratio Lower Upper
122 100
107 113.6 91.8 137.6
121 58.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.457 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion: 93 Resp: 397686
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.594 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

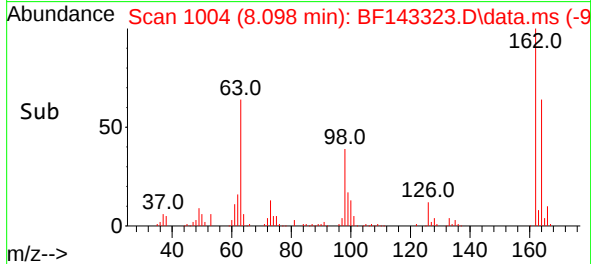
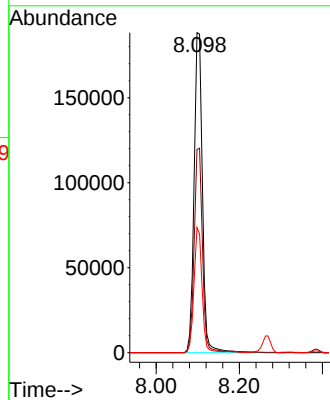
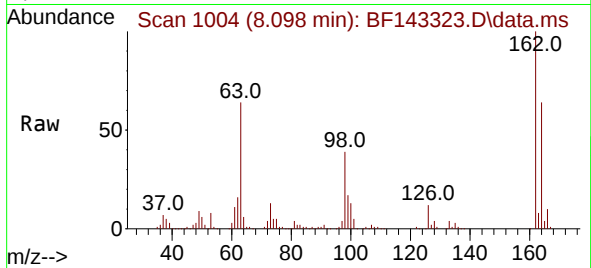
Tgt Ion:162 Resp: 262165

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 39.1 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.190 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

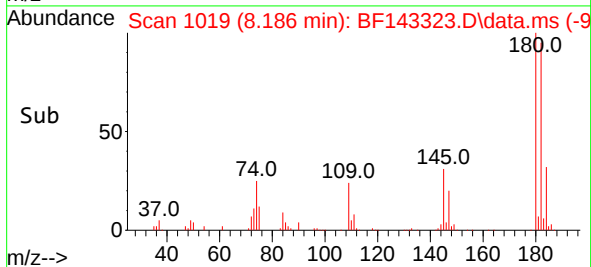
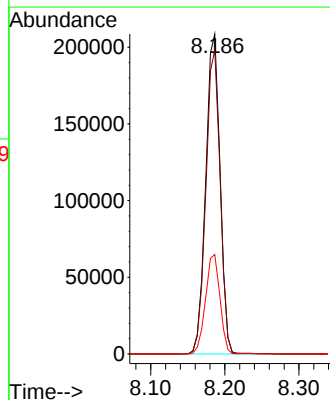
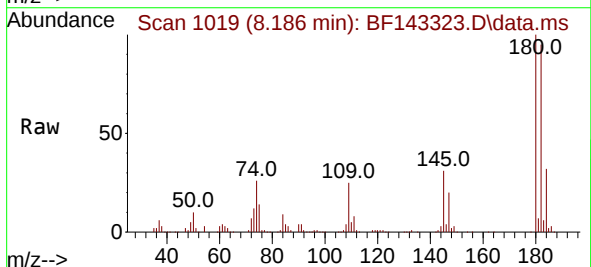
Tgt Ion:180 Resp: 280608

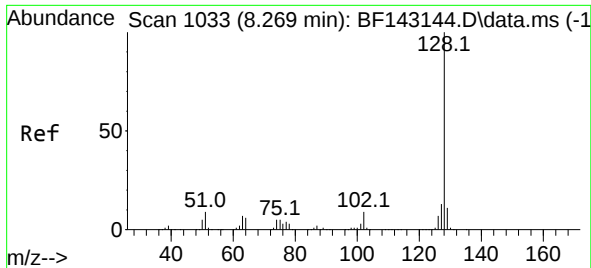
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 31.1 25.0 37.6

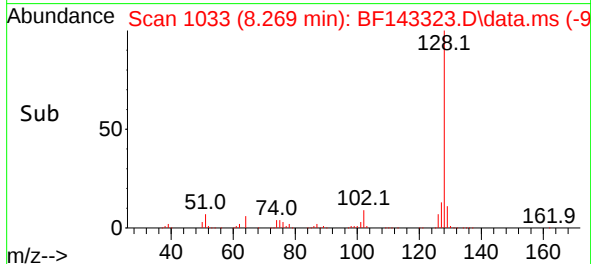
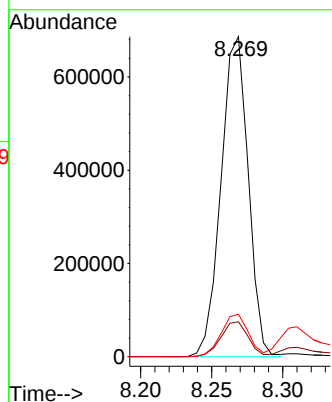
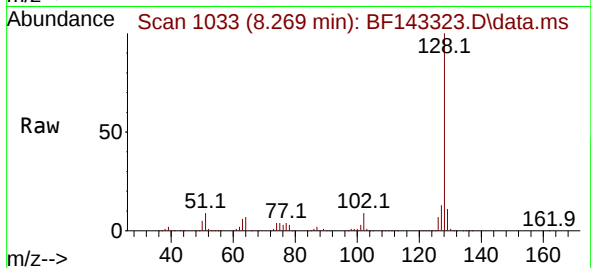




#31
Naphthalene
Concen: 43.129 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

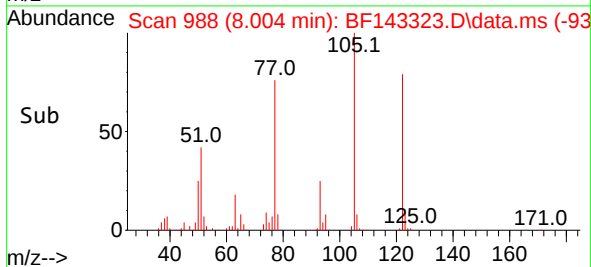
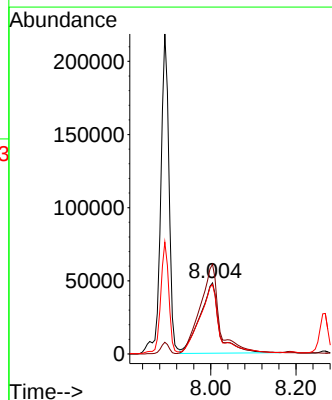
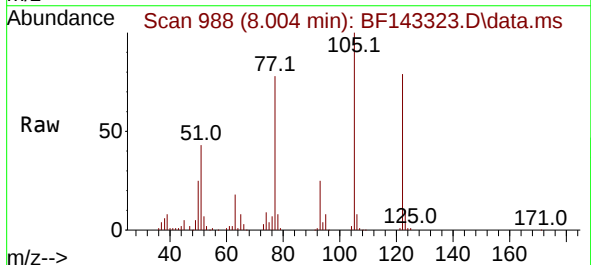
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:128 Resp: 915423
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 39.461 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:122 Resp: 154366
Ion Ratio Lower Upper
122 100
105 126.2 104.8 144.8
77 98.0 77.6 117.6

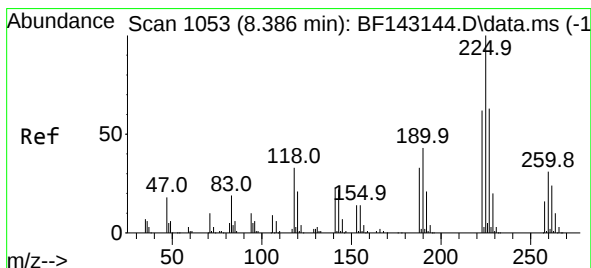
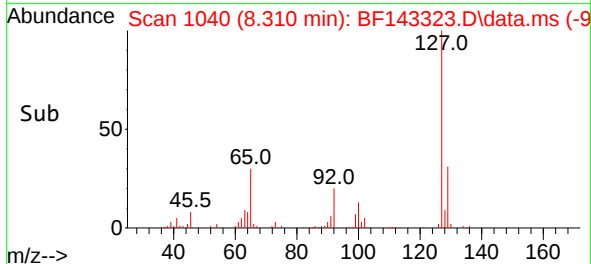
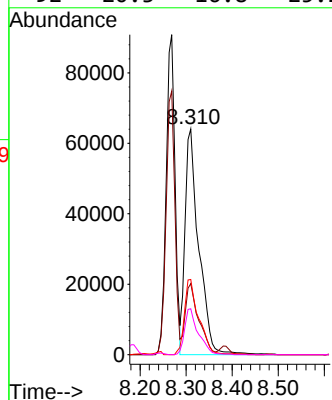
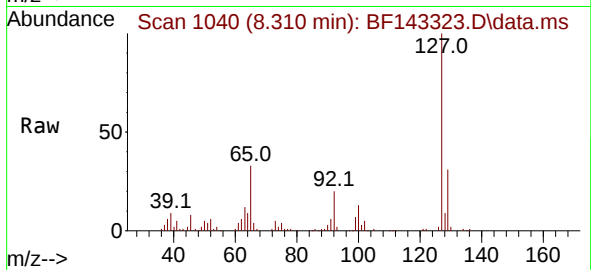




#33
4-Chloroaniline
Concen: 15.324 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

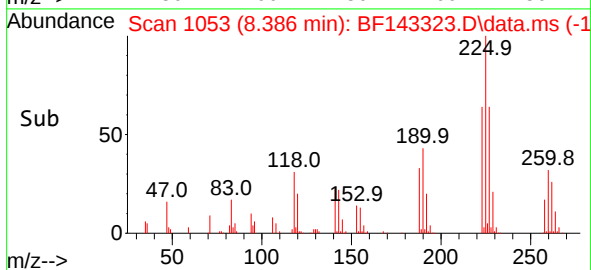
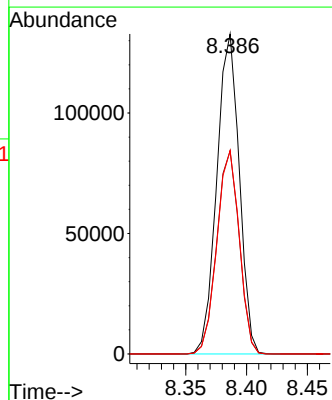
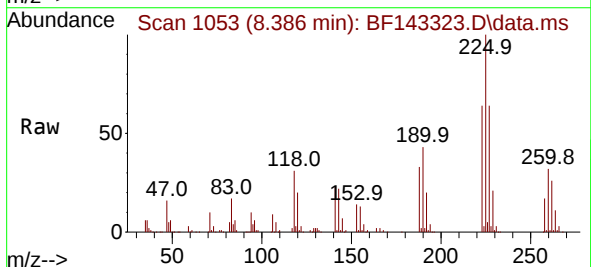
Instrument :
BNA_F
ClientSampleId :
PB169106BS

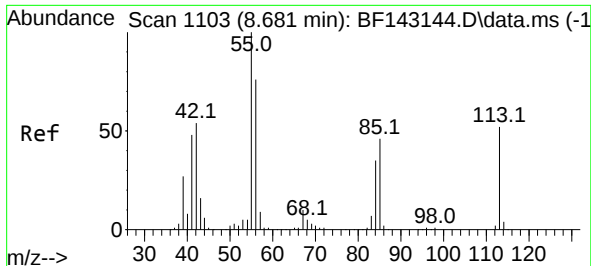
Tgt Ion:	127	Resp:	132807
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	33.3	27.4	41.2
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.976 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:	225	Resp:	170566
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	63.6	50.2	75.4

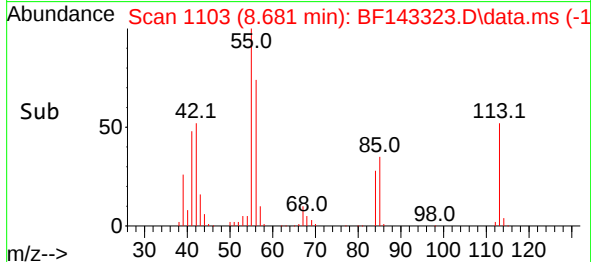
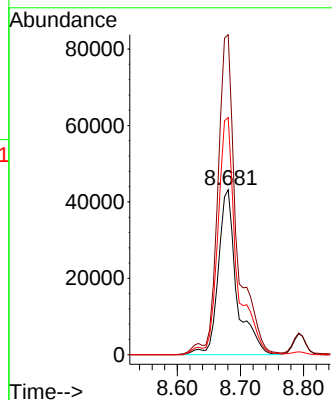
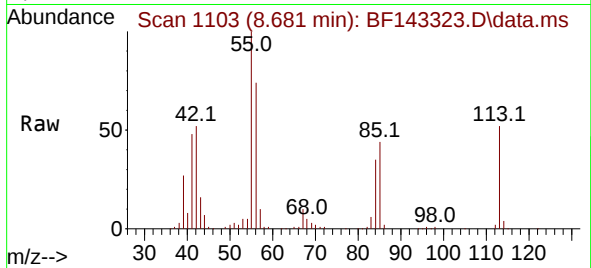




#35
 Caprolactam
 Concen: 48.137 ng
 RT: 8.681 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

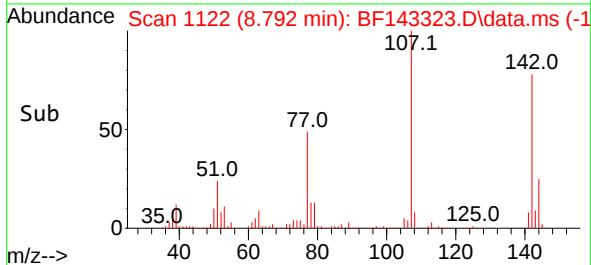
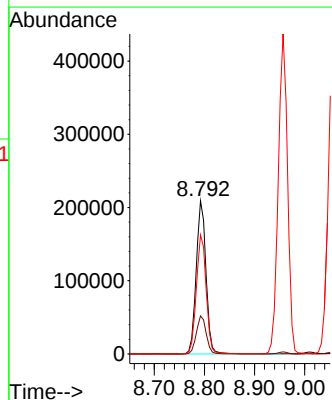
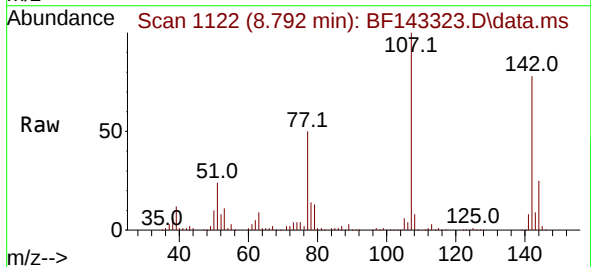
Instrument :
 BNA_F
 ClientSampleId :
 PB169106BS

Tgt Ion:113 Resp: 87478
 Ion Ratio Lower Upper
 113 100
 55 194.0 174.0 214.0
 56 143.7 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.403 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

Tgt Ion:107 Resp: 283707
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.6
 142 77.7 60.6 90.8





#37

2-Methylnaphthalene

Concen: 43.362 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

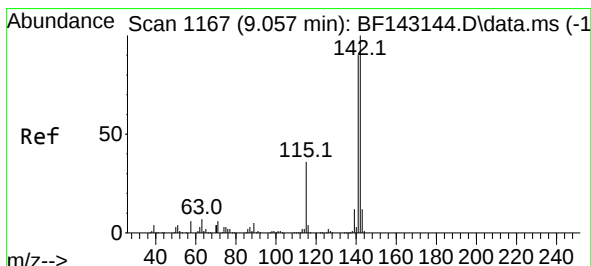
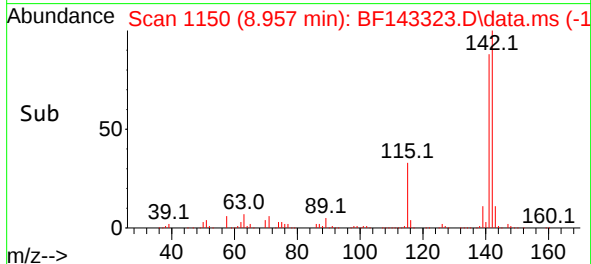
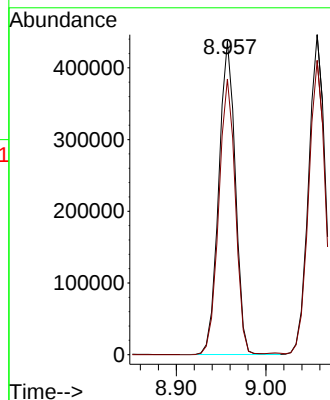
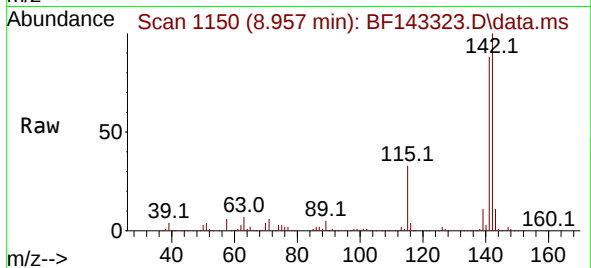
PB169106BS

Tgt Ion:142 Resp: 560060

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 42.822 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF143323.D

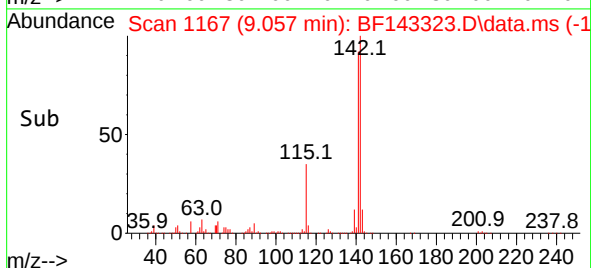
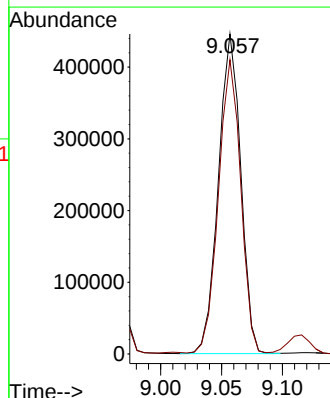
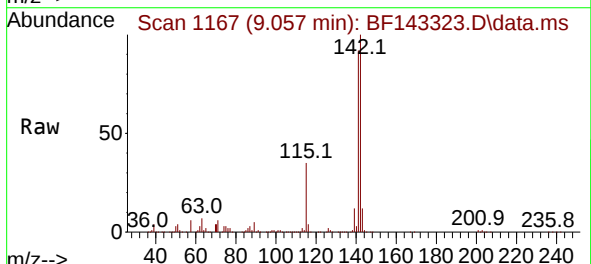
Acq: 06 Aug 2025 11:36

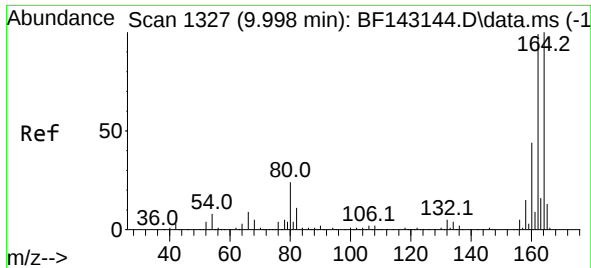
Tgt Ion:142 Resp: 569541

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

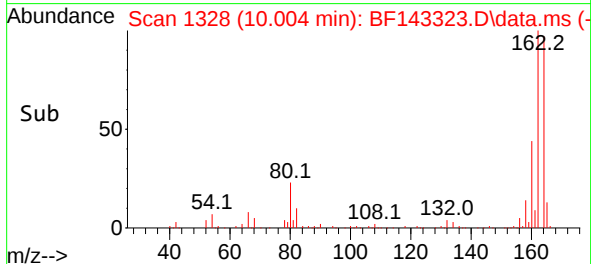
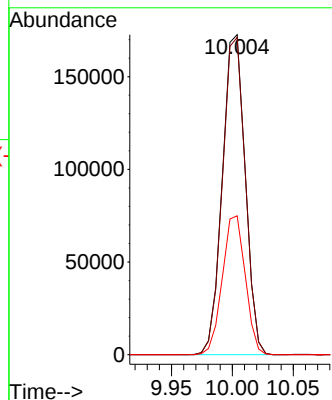
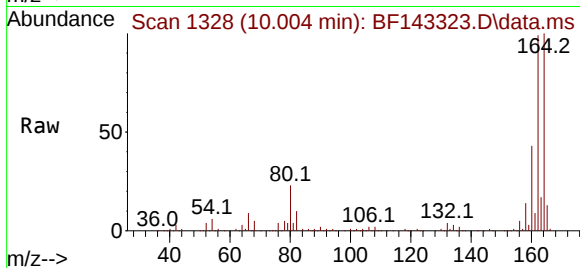




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

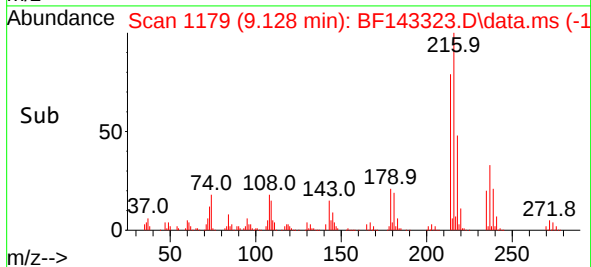
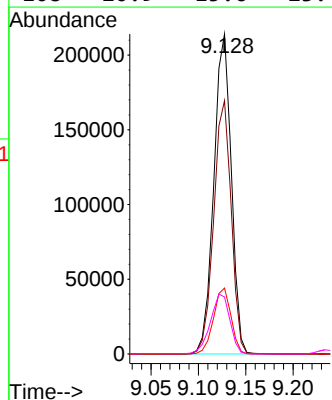
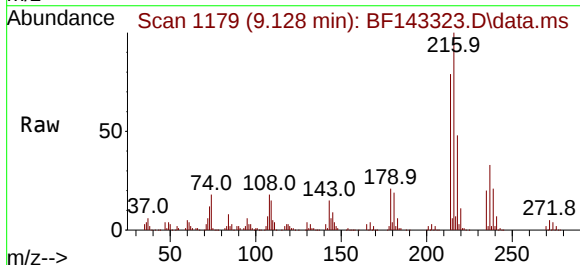
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:164 Resp: 226008
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 43.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.163 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:216 Resp: 275115
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 20.6 16.4 24.6
108 20.9 15.6 23.4

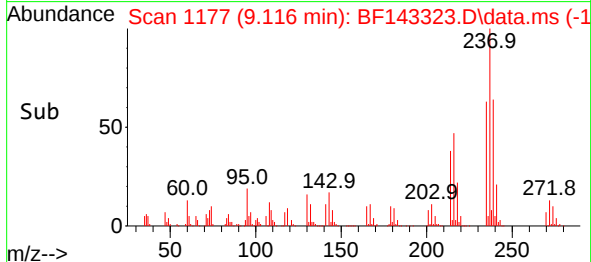
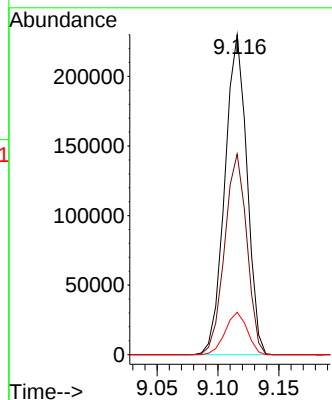
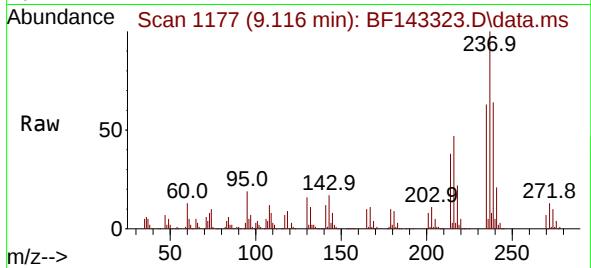




#41
Hexachlorocyclopentadiene
Concen: 68.463 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

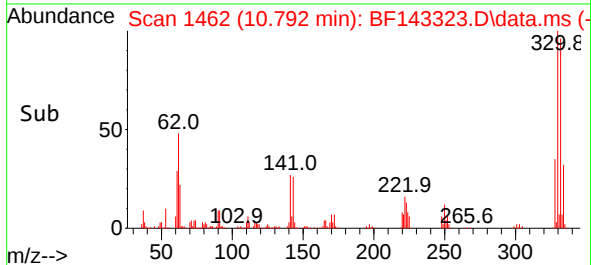
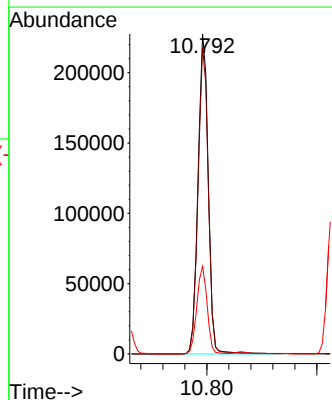
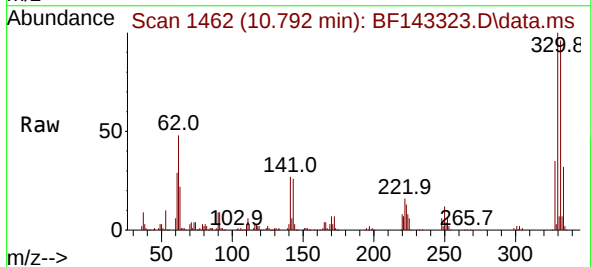
Instrument :
BNA_F
ClientSampleId :
PB169106BS

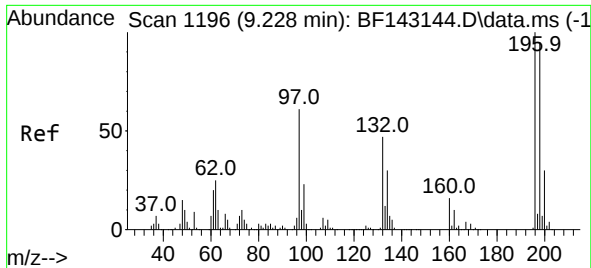
Tgt Ion:237 Resp: 290674
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 126.359 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:330 Resp: 295021
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 27.6 23.3 34.9

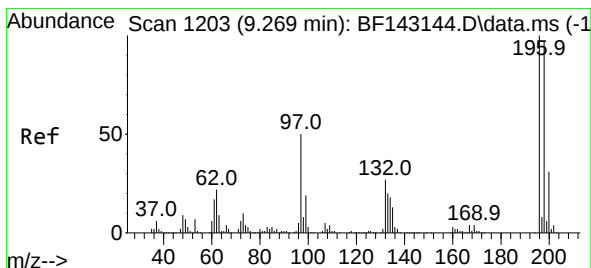
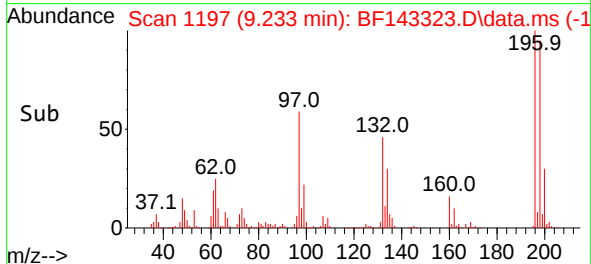
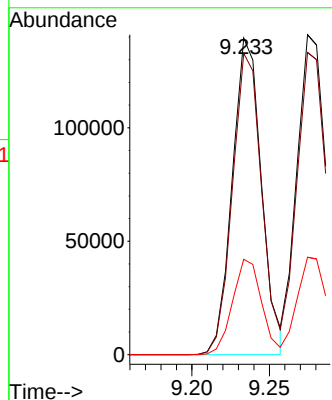
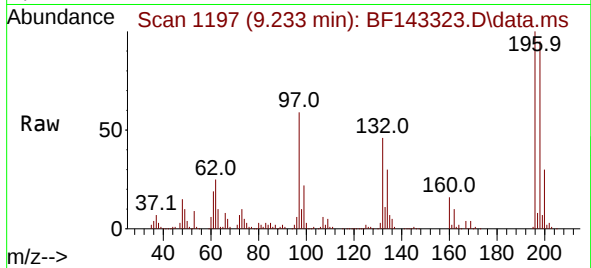




#43
2,4,6-Trichlorophenol
Concen: 40.386 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

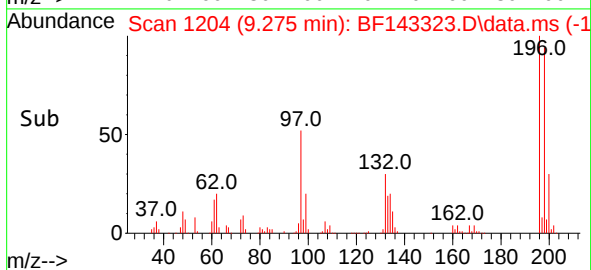
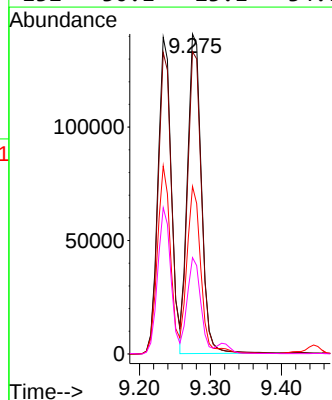
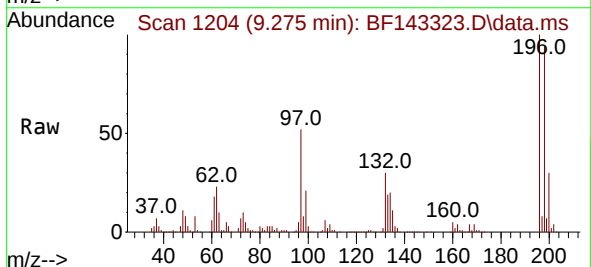
Instrument :
BNA_F
ClientSampleId :
PB169106BS

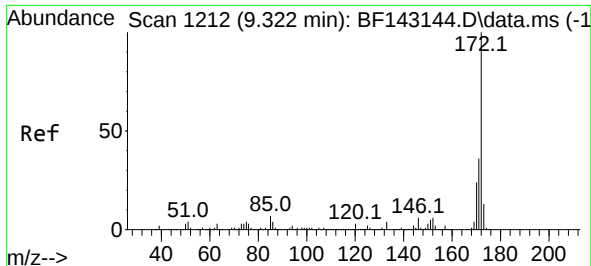
Tgt Ion:196 Resp: 182380
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 30.1 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 42.411 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:196 Resp: 191583
Ion Ratio Lower Upper
196 100
198 94.5 77.3 115.9
97 52.4 40.3 60.5
132 30.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 77.519 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

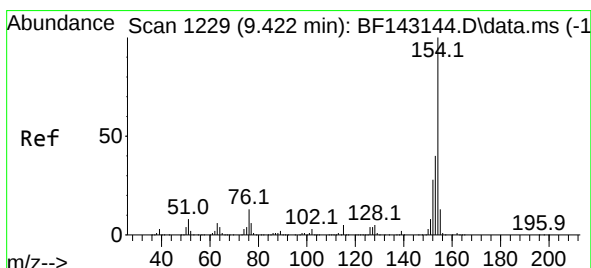
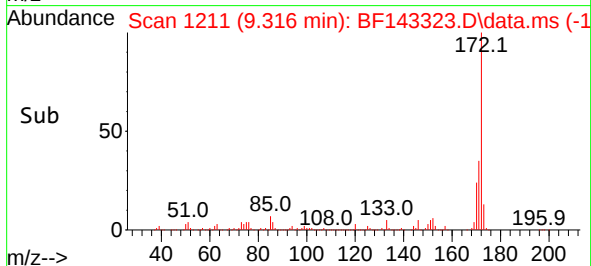
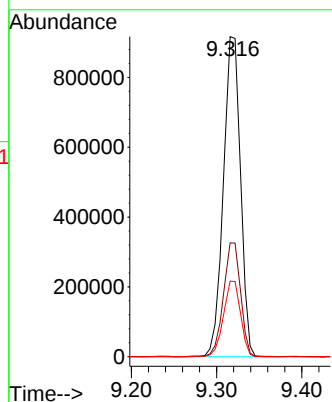
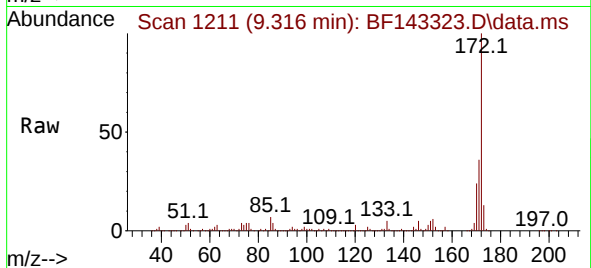
Tgt Ion:172 Resp: 1281044

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.305 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

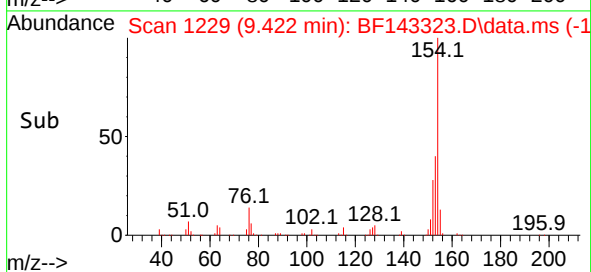
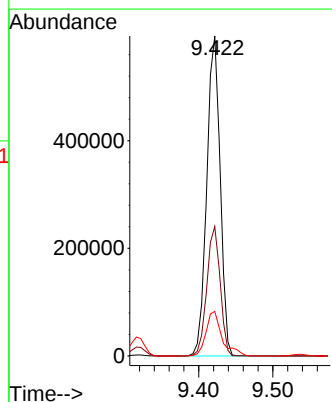
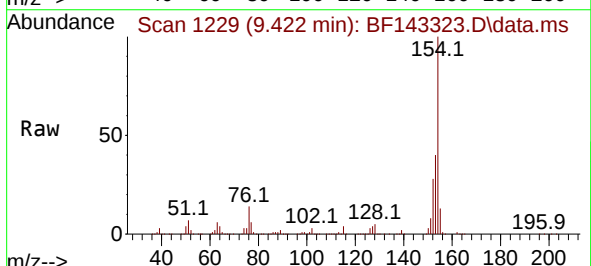
Tgt Ion:154 Resp: 745971

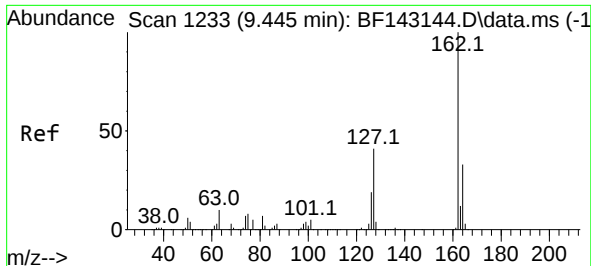
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 14.0 0.0 33.3

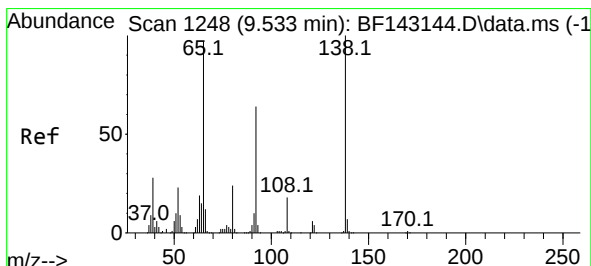
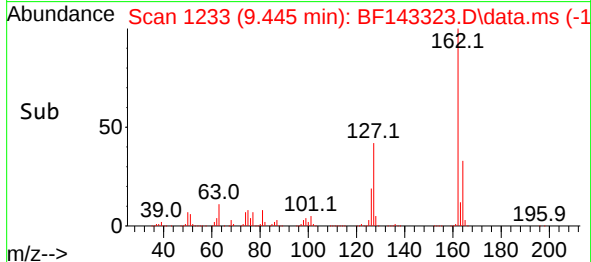
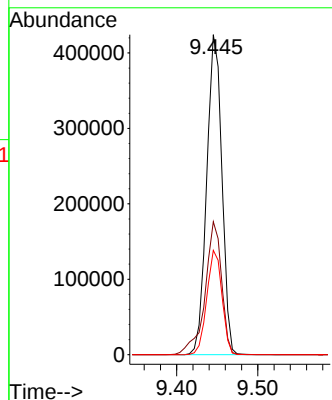
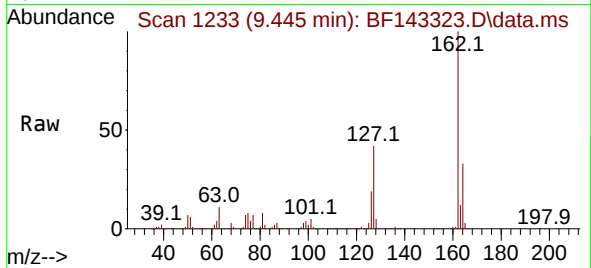




#47
2-Chloronaphthalene
Concen: 42.102 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

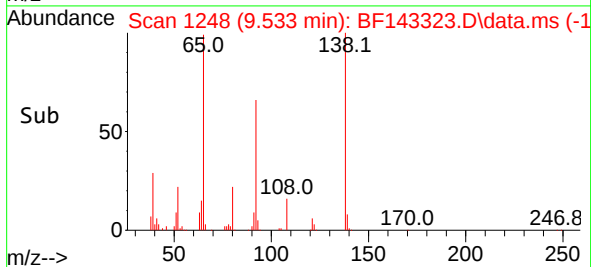
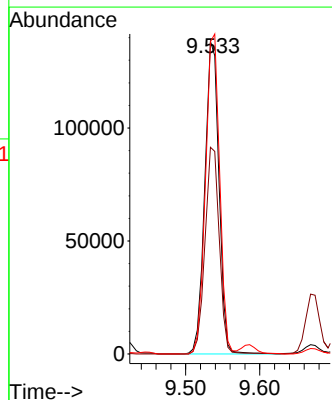
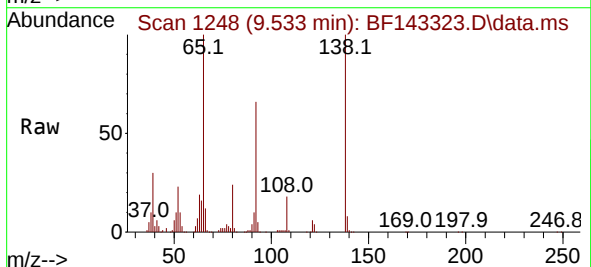
Instrument :
BNA_F
ClientSampleId :
PB169106BS

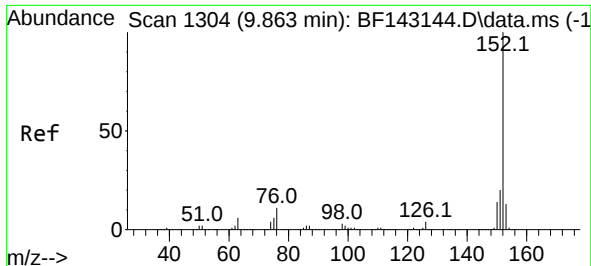
Tgt Ion:162 Resp: 549316
Ion Ratio Lower Upper
162 100
127 41.5 33.4 50.2
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 44.988 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

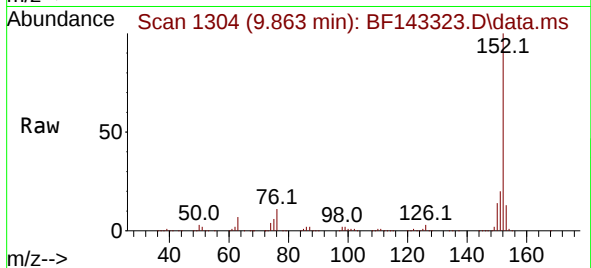
Tgt Ion: 65 Resp: 184070
Ion Ratio Lower Upper
65 100
92 66.1 52.4 78.6
138 99.9 82.3 123.5



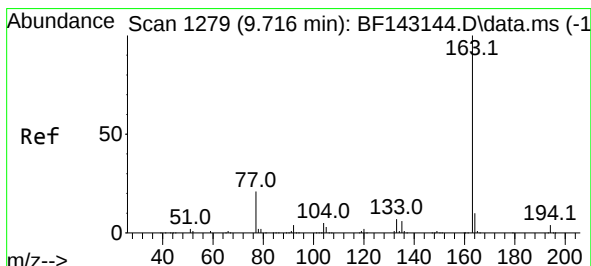
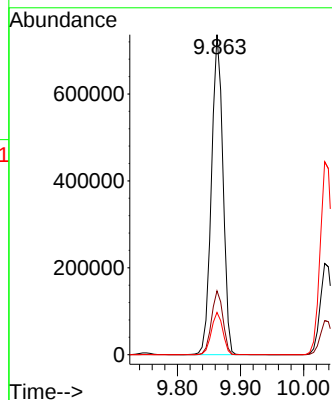
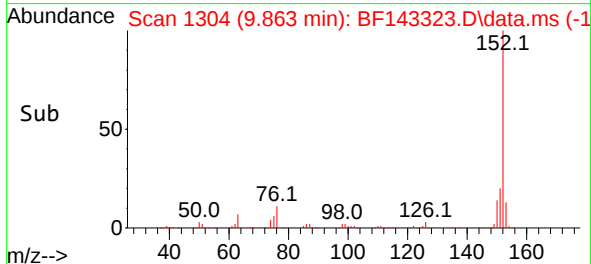


#49
Acenaphthylene
Concen: 42.694 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

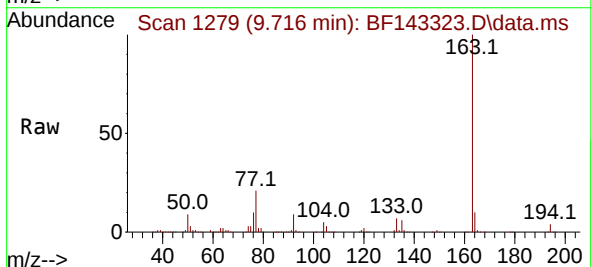
Instrument :
BNA_F
ClientSampleId :
PB169106BS



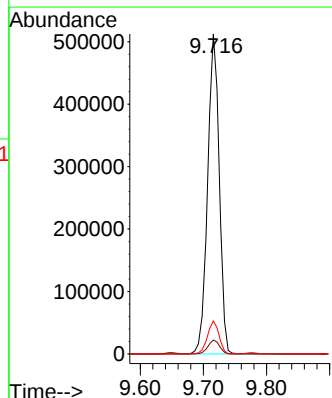
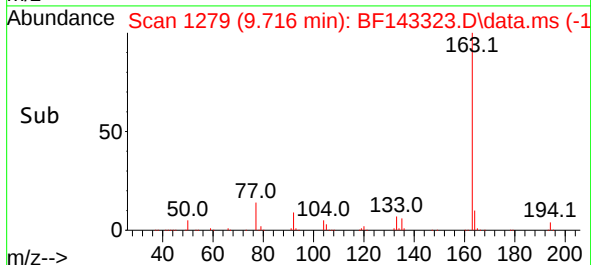
Tgt Ion:152 Resp: 933501
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.6 16.0

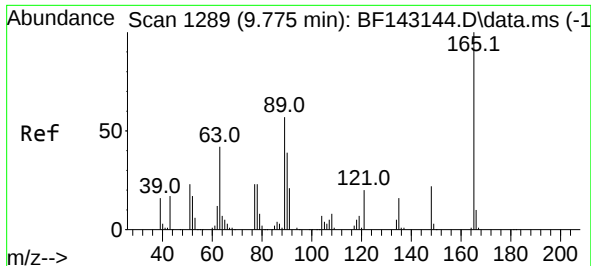


#50
Dimethylphthalate
Concen: 44.523 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36



Tgt Ion:163 Resp: 655906
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 47.628 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

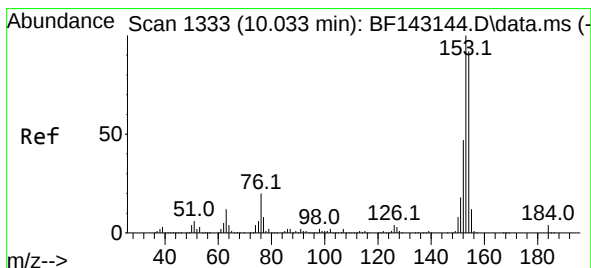
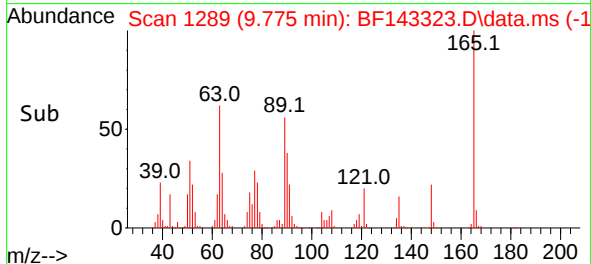
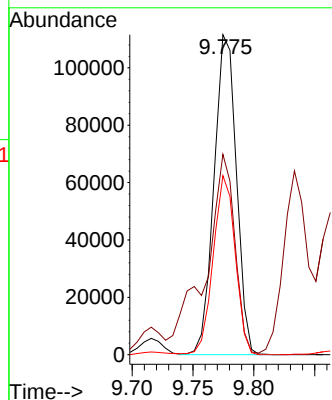
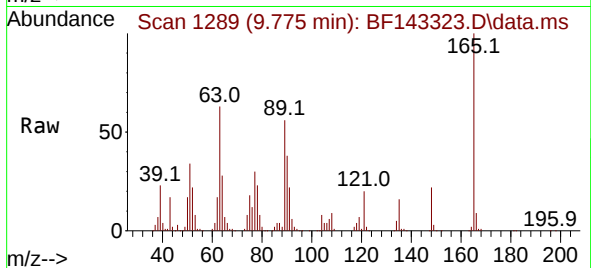
Tgt Ion:165 Resp: 142737

Ion Ratio Lower Upper

165 100

63 62.6 49.4 74.2

89 56.0 46.2 69.2



#52

Acenaphthene

Concen: 45.996 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

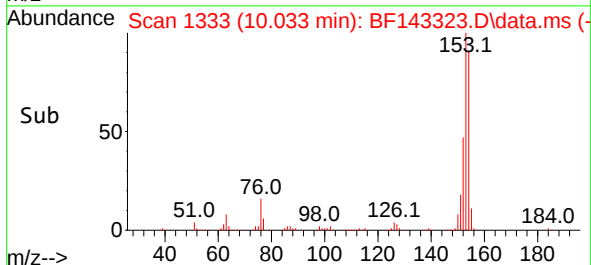
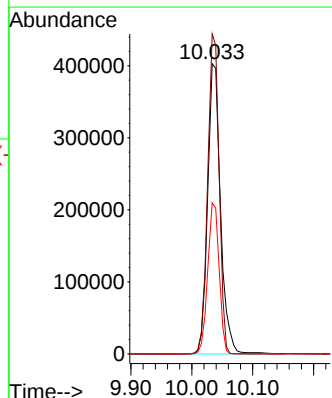
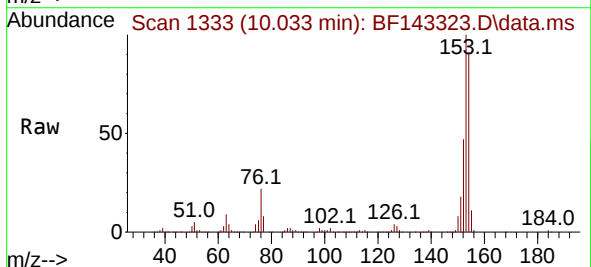
Tgt Ion:154 Resp: 594413

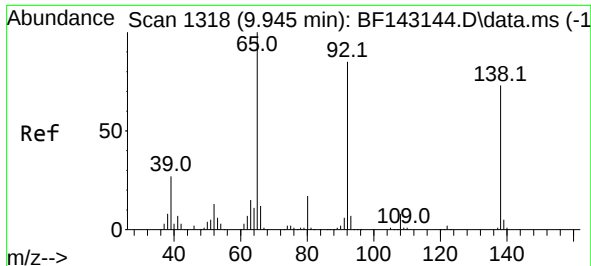
Ion Ratio Lower Upper

154 100

153 110.2 86.6 129.8

152 52.1 40.4 60.6

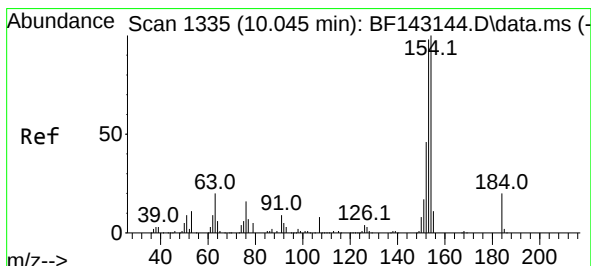
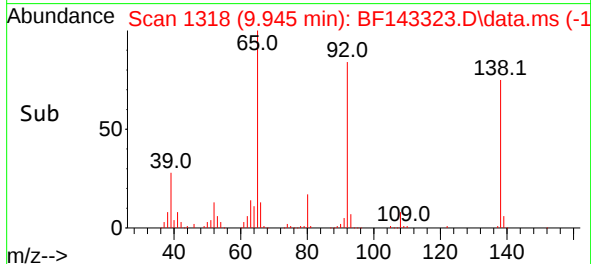
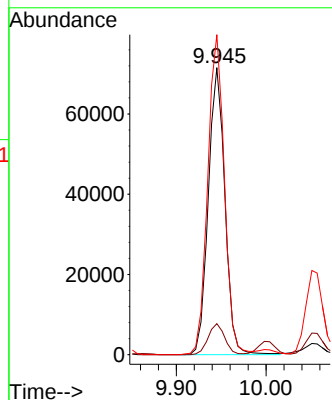
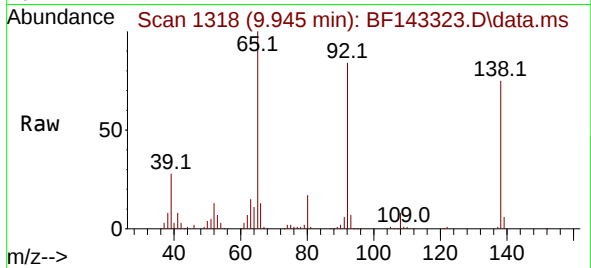




#53
3-Nitroaniline
Concen: 26.261 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

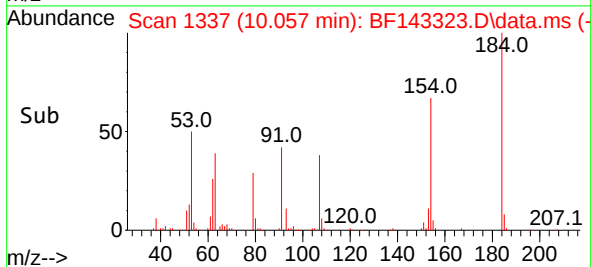
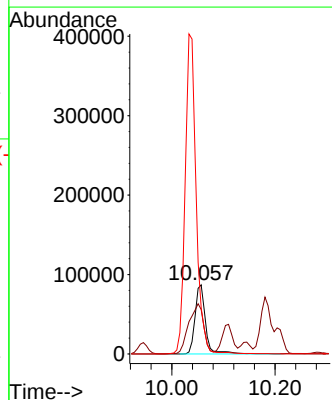
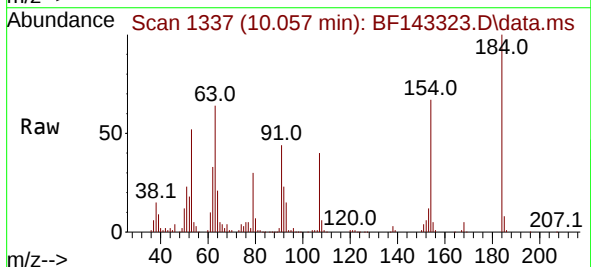
Instrument :
BNA_F
ClientSampleId :
PB169106BS

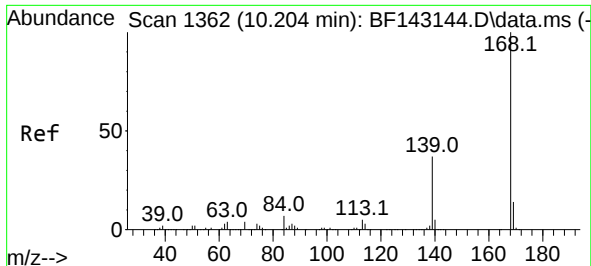
Tgt Ion:138 Resp: 92055
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 111.5 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 89.592 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:184 Resp: 122873
Ion Ratio Lower Upper
184 100
63 64.3 81.8 122.6#
154 67.1 412.2 618.4#

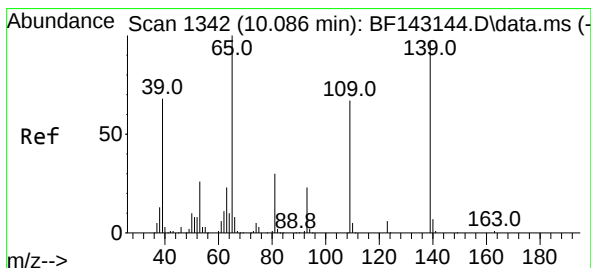
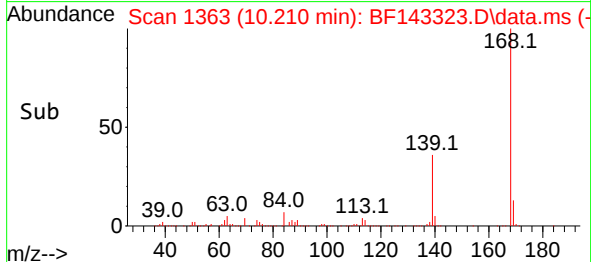
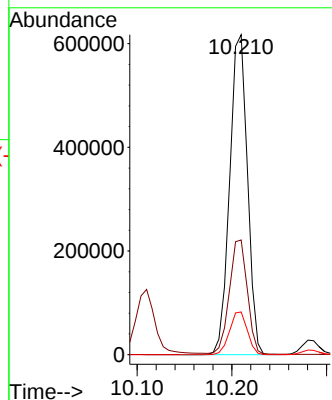
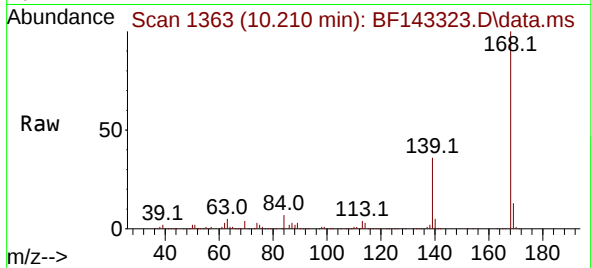




#55
Dibenzenofuran
Concen: 41.953 ng
RT: 10.210 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

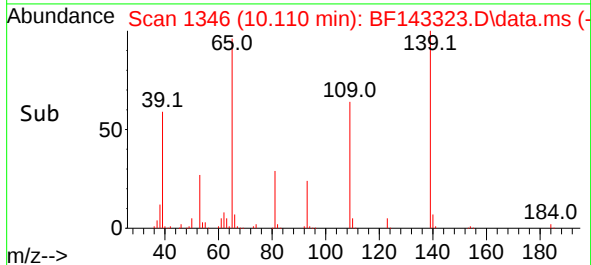
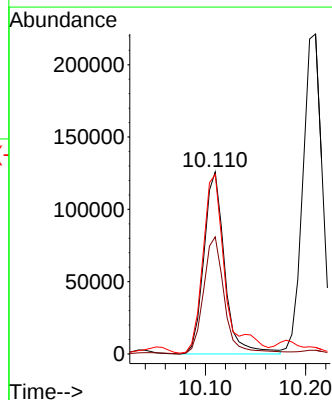
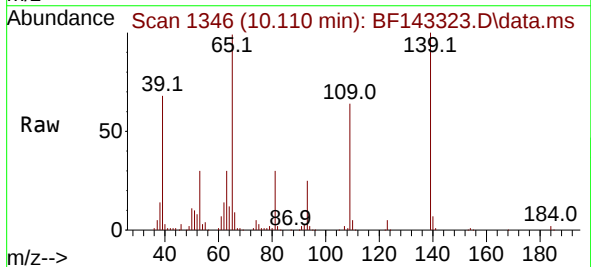
Instrument :
BNA_F
ClientSampleId :
PB169106BS

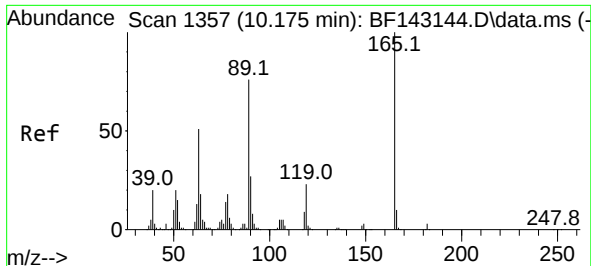
Tgt Ion:168 Resp: 804945
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 69.412 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.023 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:139 Resp: 181692
Ion Ratio Lower Upper
139 100
109 64.4 48.5 88.5
65 98.6 83.4 123.4

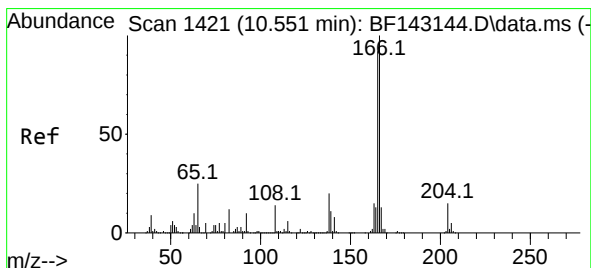
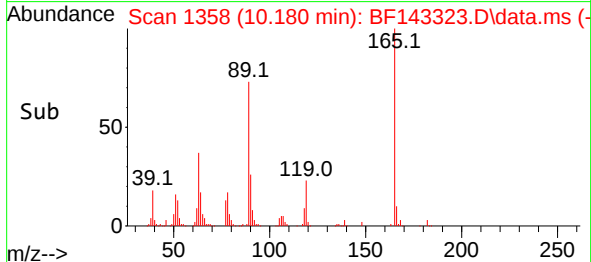
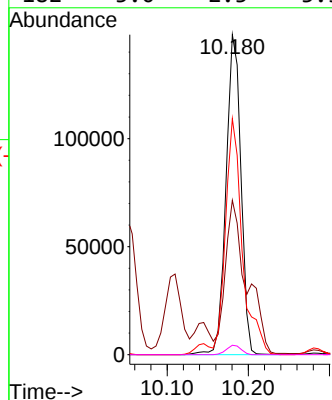
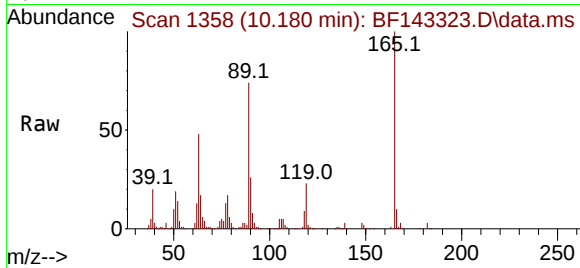




#57
2,4-Dinitrotoluene
Concen: 50.411 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

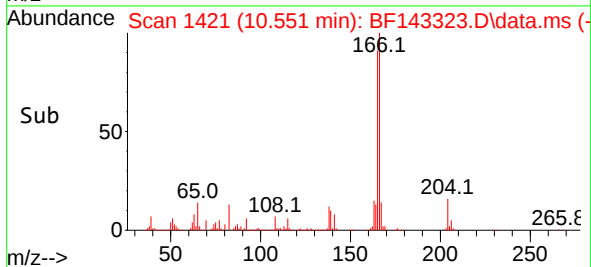
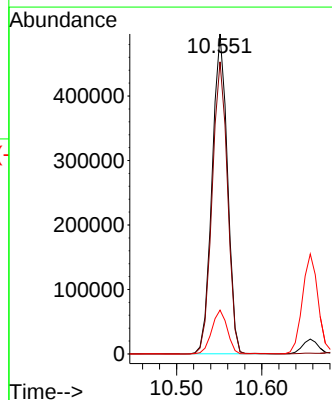
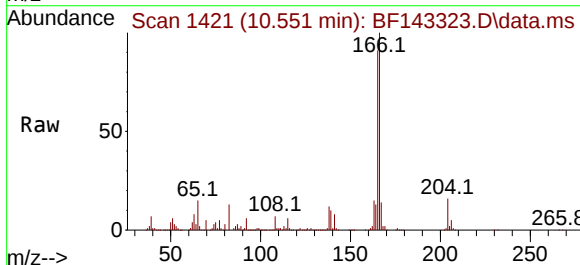
Instrument :
BNA_F
ClientSampleId :
PB169106BS

Tgt Ion:165 Resp: 189540
Ion Ratio Lower Upper
165 100
63 48.3 41.0 61.4
89 73.8 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 43.049 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:166 Resp: 619917
Ion Ratio Lower Upper
166 100
165 91.3 73.7 110.5
167 13.7 10.6 16.0

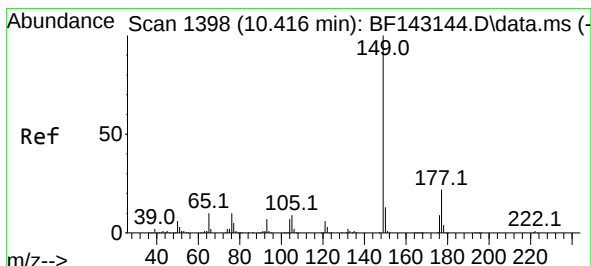
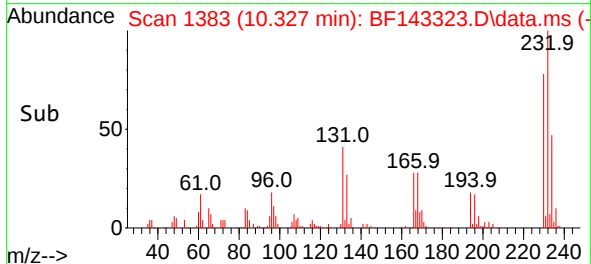
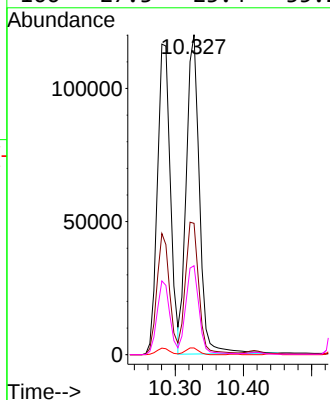
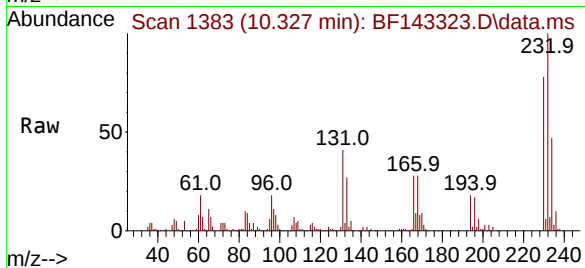




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.738 ng
RT: 10.327 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

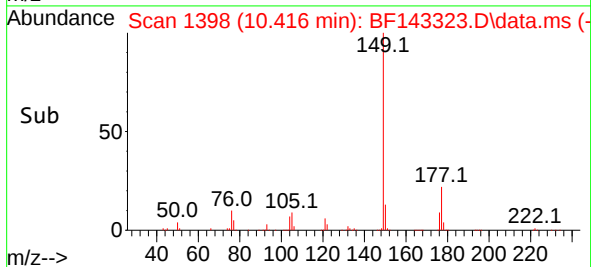
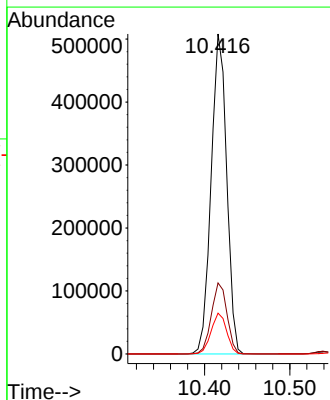
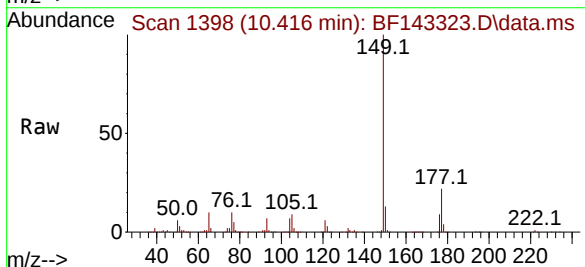
Instrument :
BNA_F
ClientSampleId :
PB169106BS

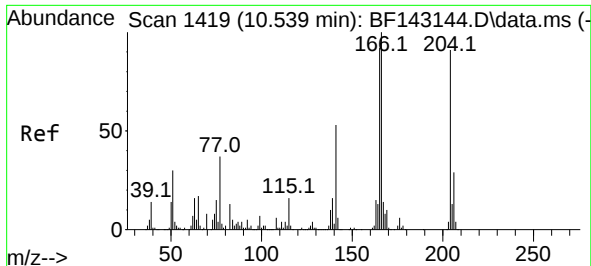
Tgt Ion:232 Resp: 159922
Ion Ratio Lower Upper
232 100
131 42.5 35.3 52.9
130 2.1 1.7 2.5
166 27.3 23.4 35.2



#60
Diethylphthalate
Concen: 44.452 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:149 Resp: 647262
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.7 10.2 15.2

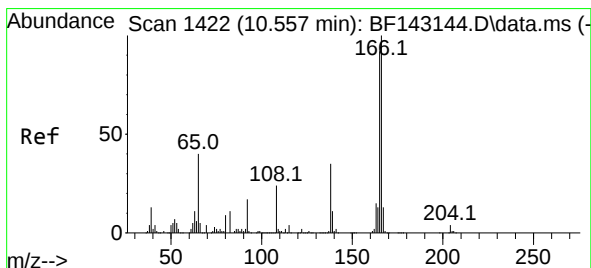
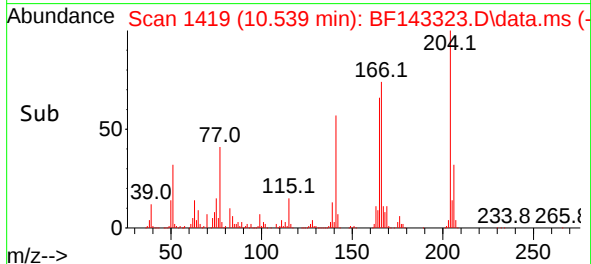
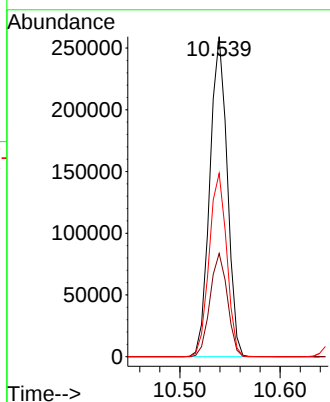
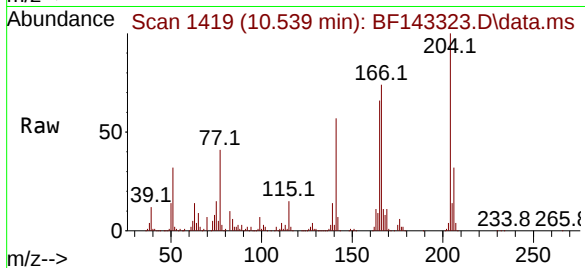




#61
4-Chlorophenyl-phenylether
Concen: 43.630 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

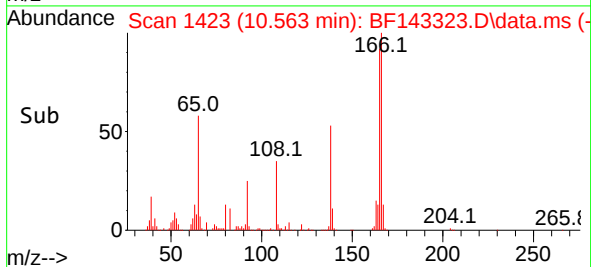
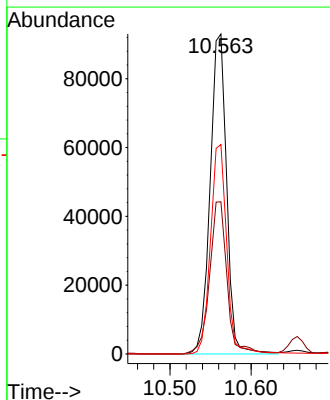
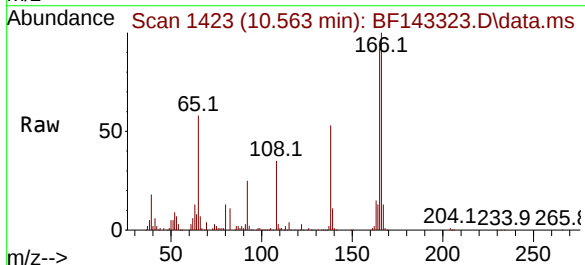
Instrument :
BNA_F
ClientSampleId :
PB169106BS

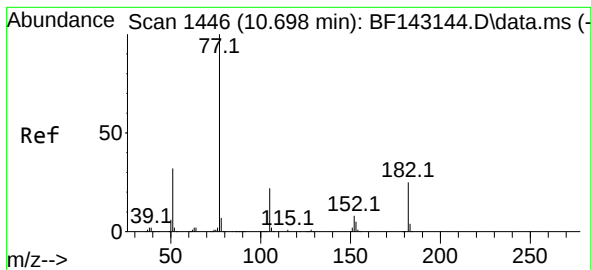
Tgt Ion:204 Resp: 312846
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 57.3 47.0 70.4



#62
4-Nitroaniline
Concen: 43.658 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:138 Resp: 131161
Ion Ratio Lower Upper
138 100
92 47.6 29.3 69.3
108 65.5 48.3 88.3

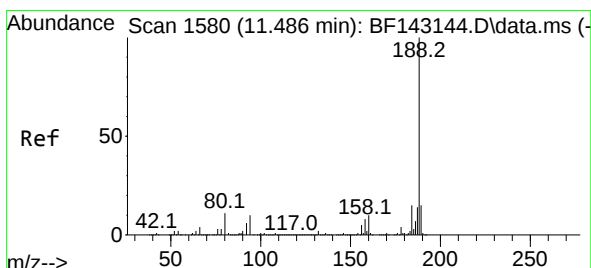
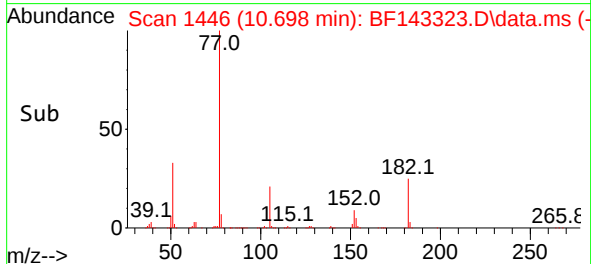
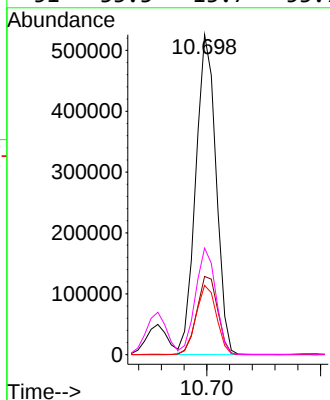
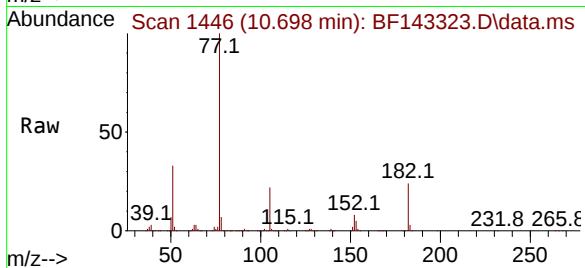




#63
Azobenzene
Concen: 42.987 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

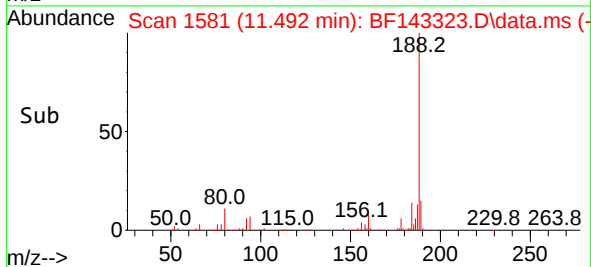
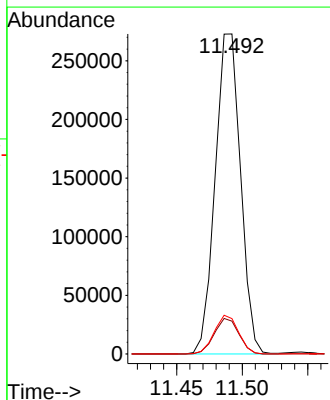
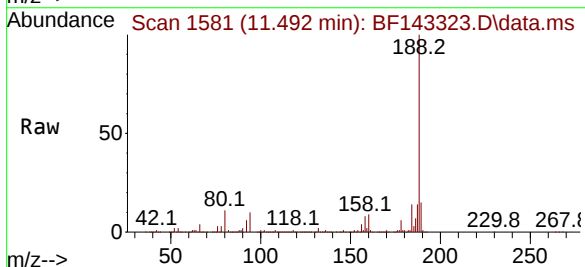
Instrument :
BNA_F
ClientSampleId :
PB169106BS

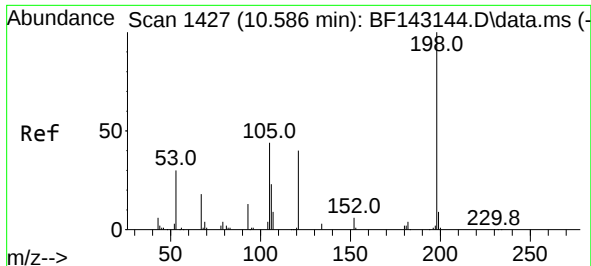
Tgt Ion: 77	Resp: 652365
Ion Ratio	Lower Upper
77 100	
182 24.5	4.6 44.6
105 21.7	1.4 41.4
51 33.3	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:188	Resp: 366768
Ion Ratio	Lower Upper
188 100	
94 10.2	8.3 12.5
80 11.1	9.0 13.6

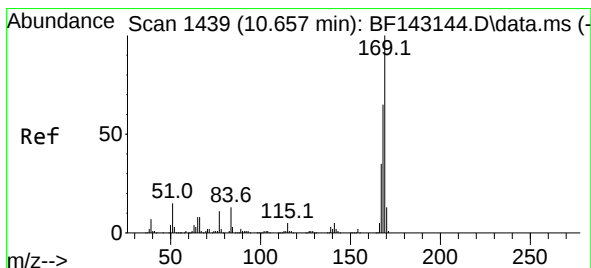
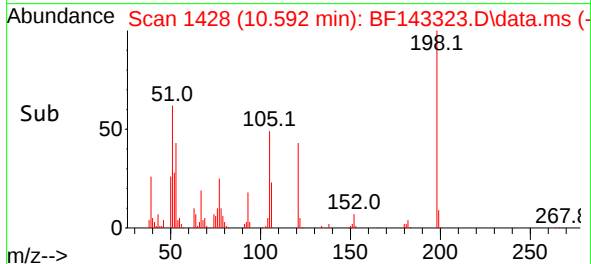
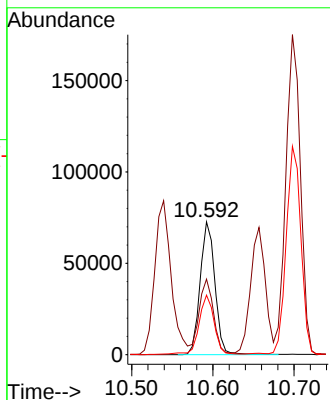
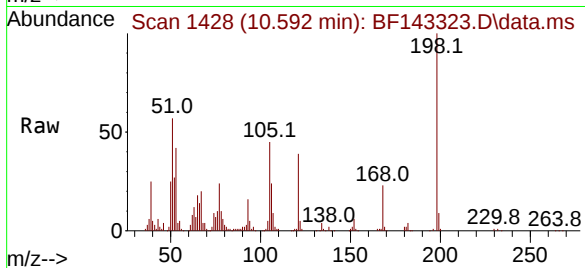




#65
4,6-Dinitro-2-methylphenol
Concen: 47.762 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

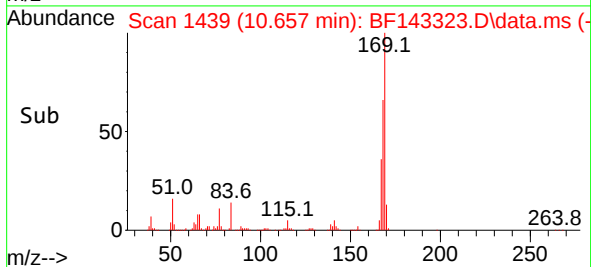
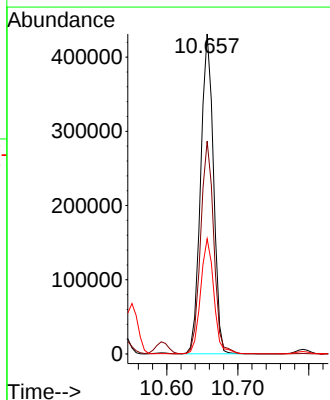
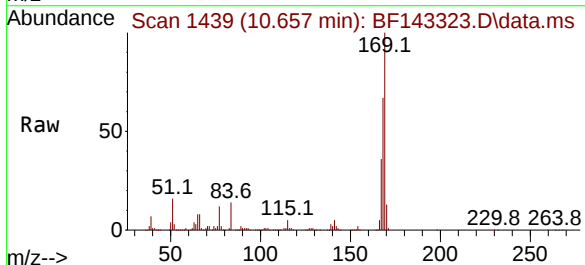
Instrument :
BNA_F
ClientSampleId :
PB169106BS

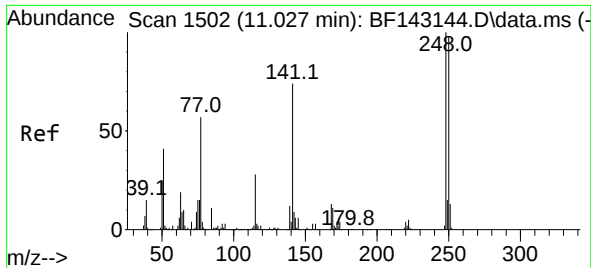
Tgt Ion:198 Resp: 91775
Ion Ratio Lower Upper
198 100
51 56.8 37.2 77.2
105 44.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 42.033 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:169 Resp: 542862
Ion Ratio Lower Upper
169 100
168 66.5 52.1 78.1
167 36.0 28.2 42.2

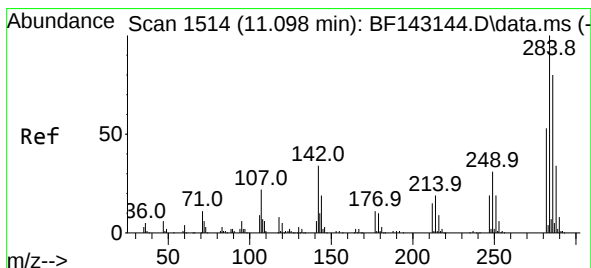
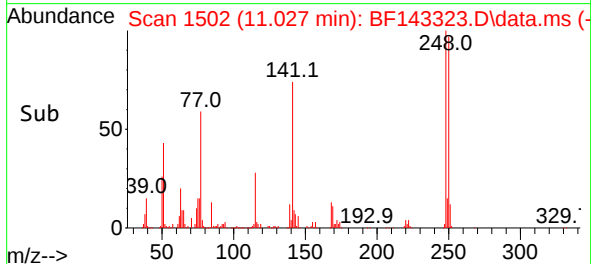
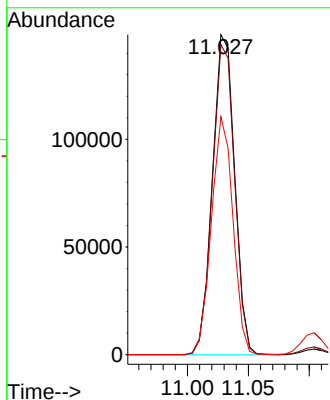
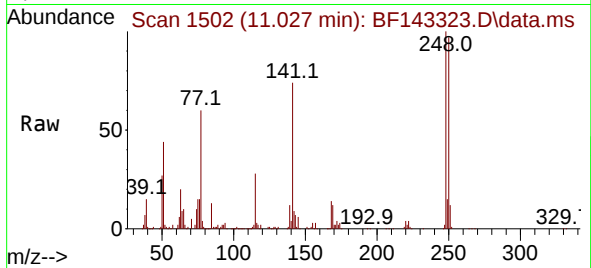




#67
4-Bromophenyl-phenylether
Concen: 43.206 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

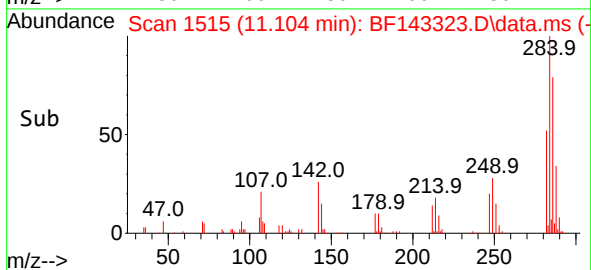
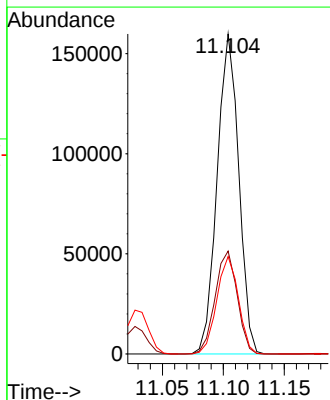
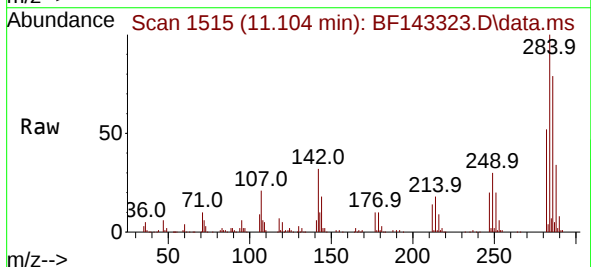
Instrument :
BNA_F
ClientSampleId :
PB169106BS

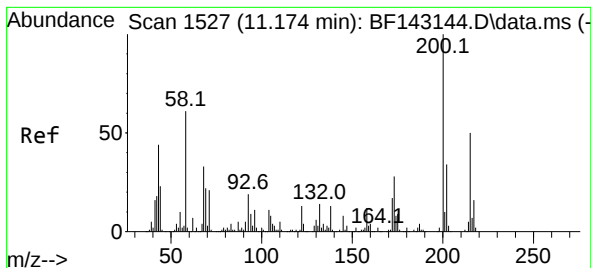
Tgt Ion:248 Resp: 188848
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 74.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 43.196 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:284 Resp: 197340
Ion Ratio Lower Upper
284 100
142 32.1 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 47.855 ng

RT: 11.180 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

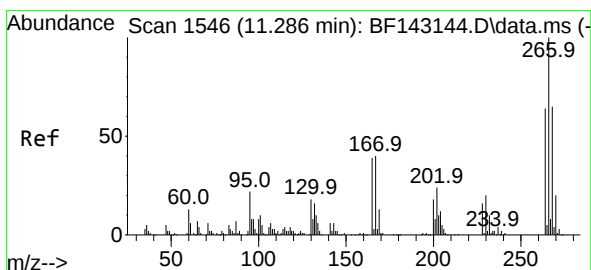
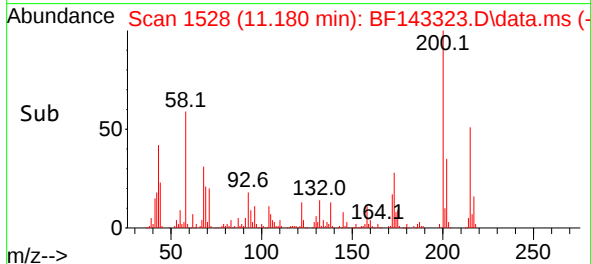
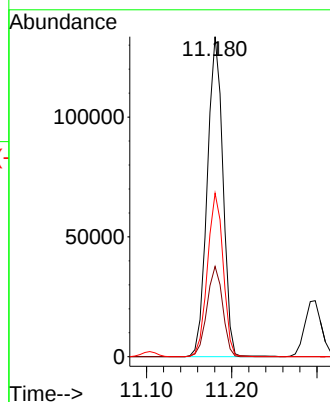
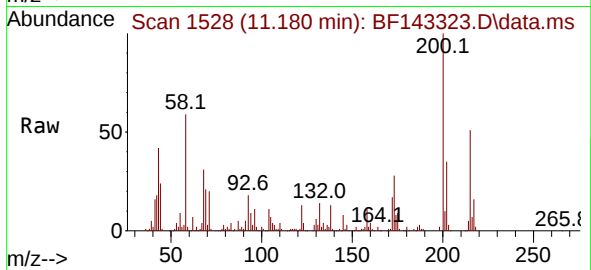
Tgt Ion:200 Resp: 170389

Ion Ratio Lower Upper

200 100

173 28.2 7.9 47.9

215 51.1 30.1 70.1



#70

Pentachlorophenol

Concen: 71.110 ng

RT: 11.298 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

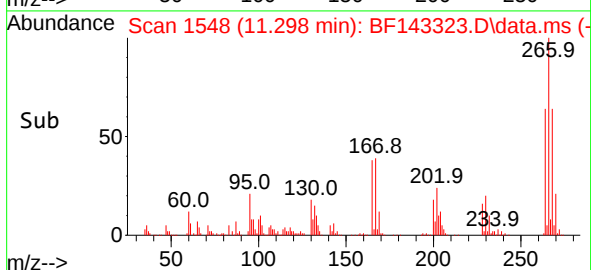
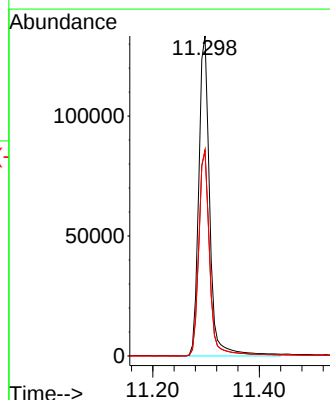
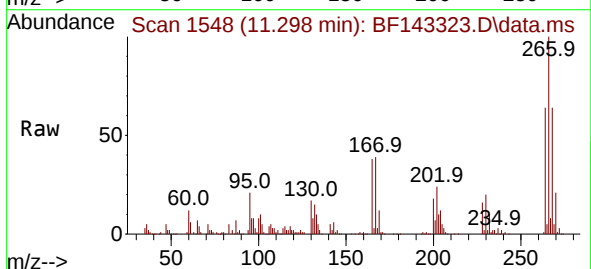
Tgt Ion:266 Resp: 191047

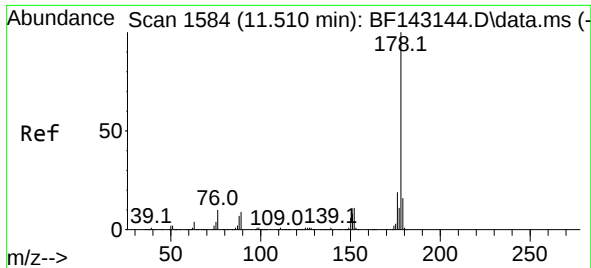
Ion Ratio Lower Upper

266 100

268 64.4 51.9 77.9

264 64.2 51.0 76.6

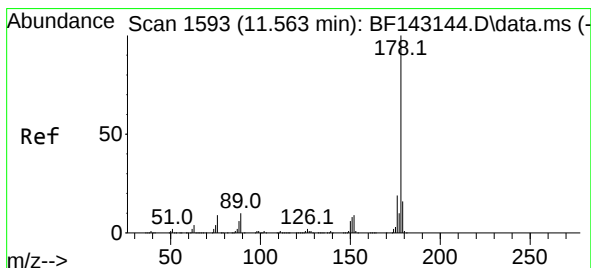
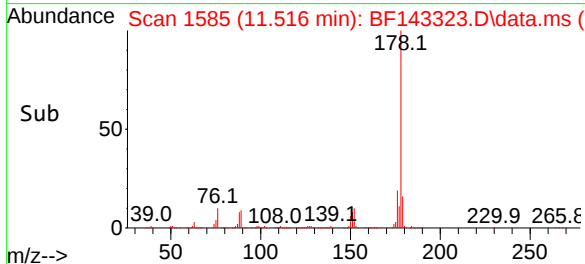
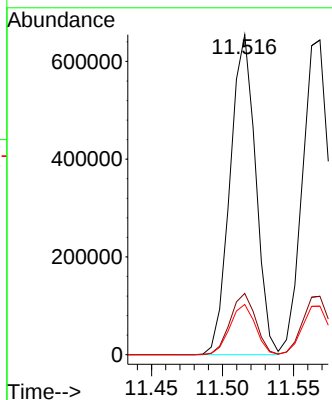
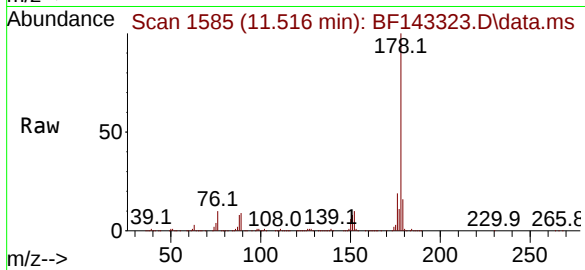




#71
Phenanthrene
Concen: 42.135 ng
RT: 11.516 min Scan# 11585
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

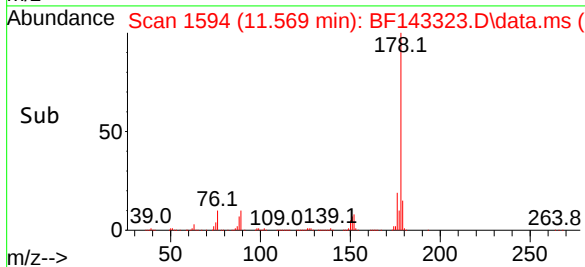
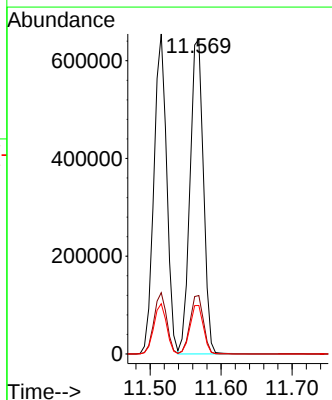
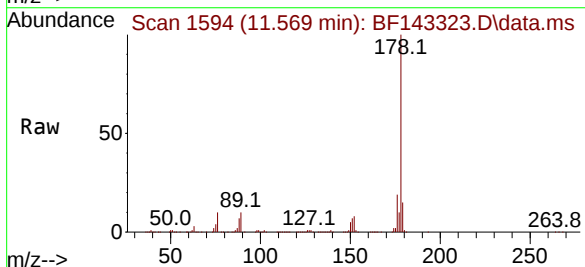
Instrument :
BNA_F
ClientSampleId :
PB169106BS

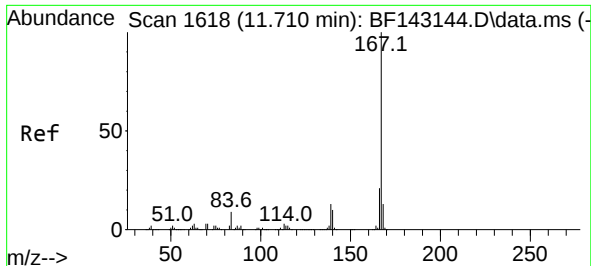
Tgt Ion:178 Resp: 820547
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 42.528 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:178 Resp: 844668
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.5 18.7

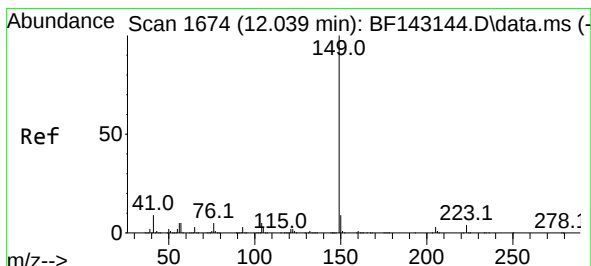
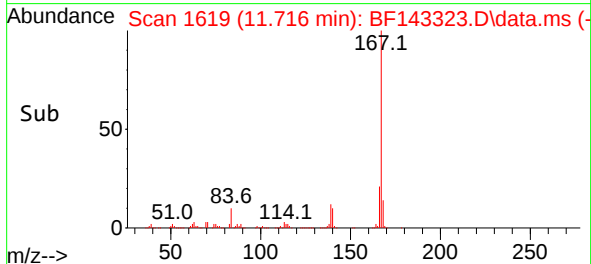
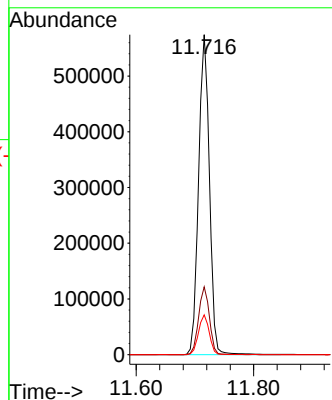
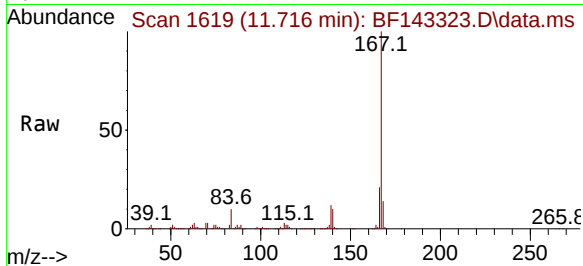




#73
 Carbazole
 Concen: 42.336 ng
 RT: 11.716 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

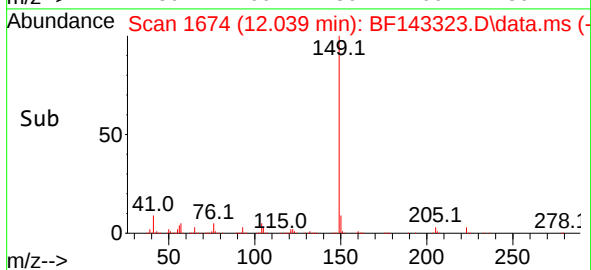
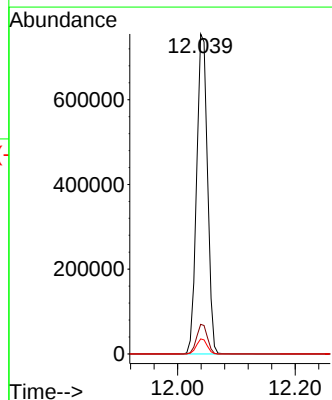
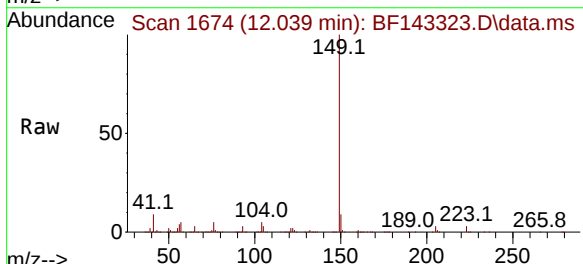
Instrument :
 BNA_F
 ClientSampleId :
 PB169106BS

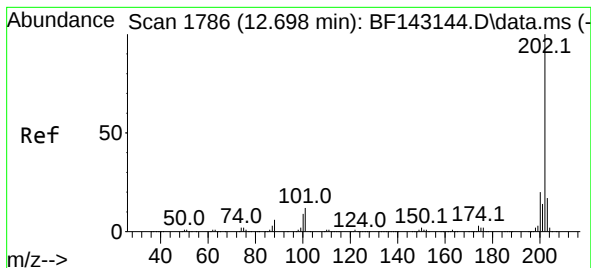
Tgt Ion:167 Resp: 734242
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.317 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

Tgt Ion:149 Resp: 967770
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 45.190 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

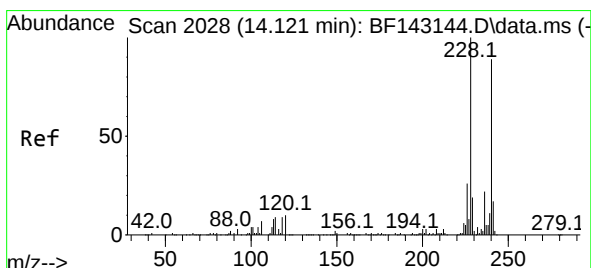
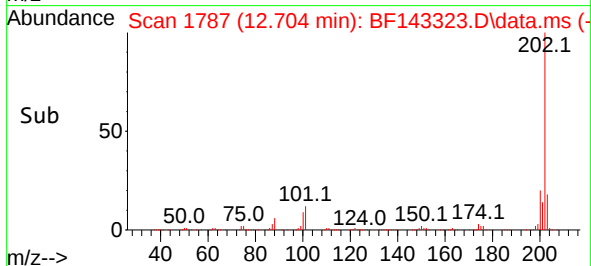
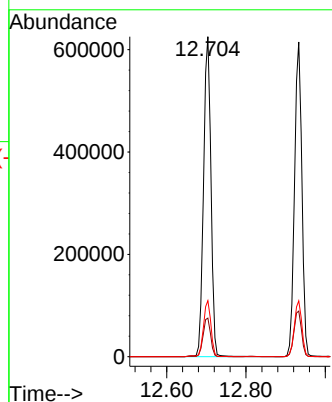
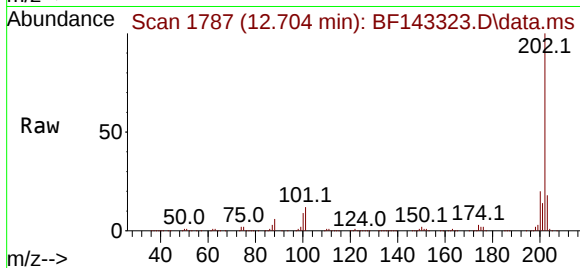
Tgt Ion:202 Resp: 807761

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.7

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

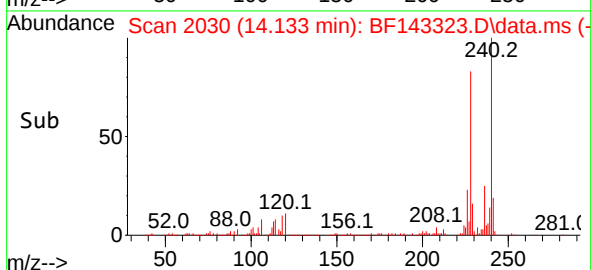
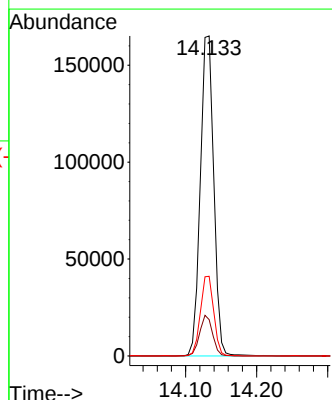
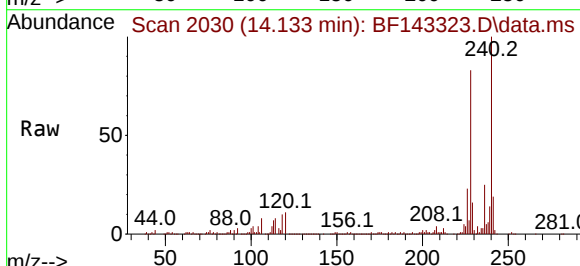
Tgt Ion:240 Resp: 218116

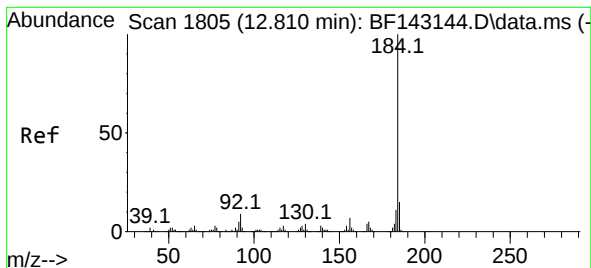
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 24.9 20.2 30.4





#77

Benzidine

Concen: 24.939 ng

RT: 12.816 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

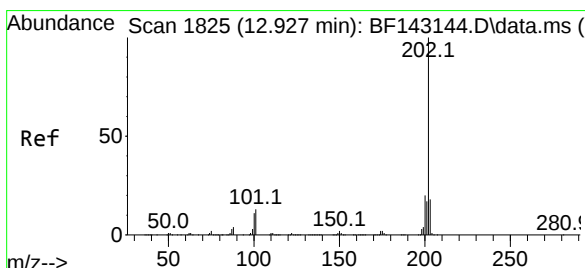
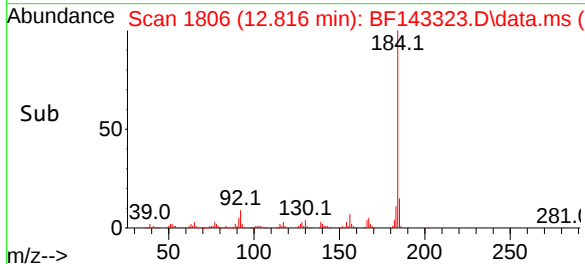
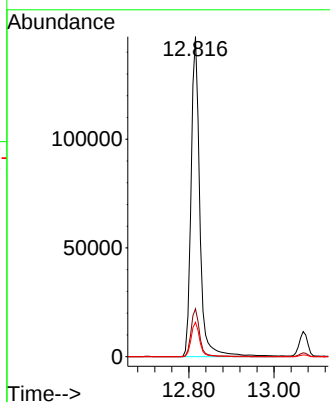
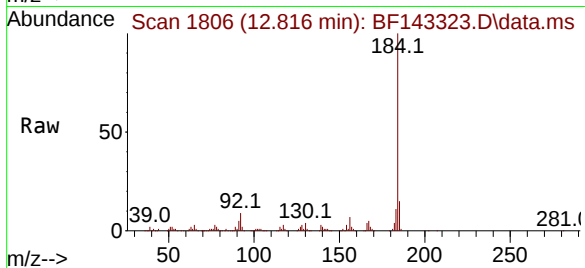
Tgt Ion:184 Resp: 209571

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.4

183 10.7 9.0 13.4



#78

Pyrene

Concen: 42.812 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

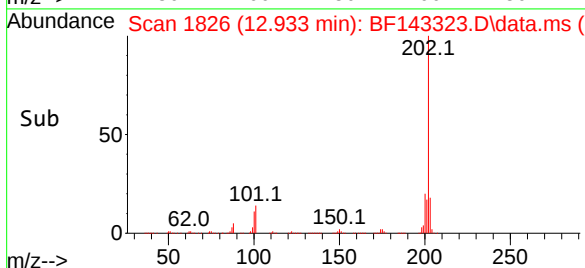
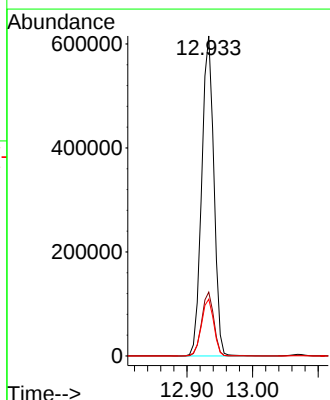
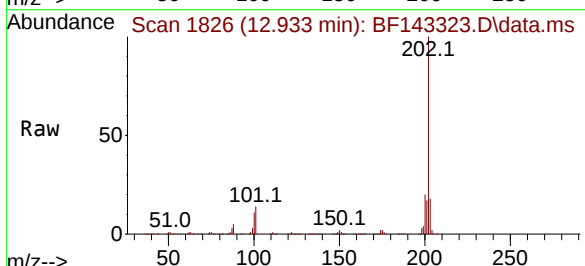
Tgt Ion:202 Resp: 796950

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

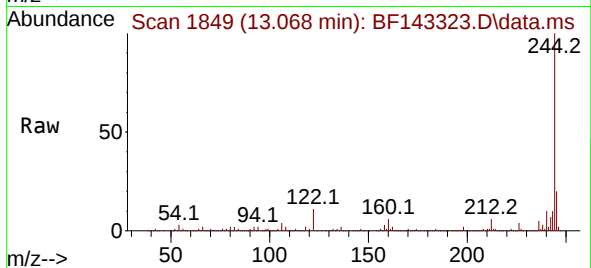
203 17.7 14.2 21.2



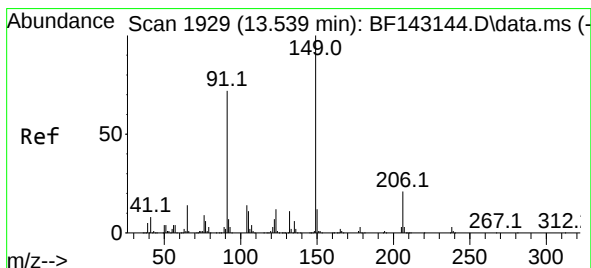
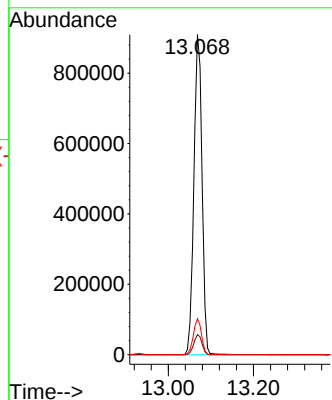
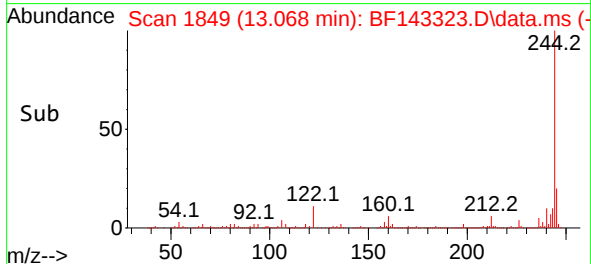


#79
 Terphenyl-d14
 Concen: 82.184 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

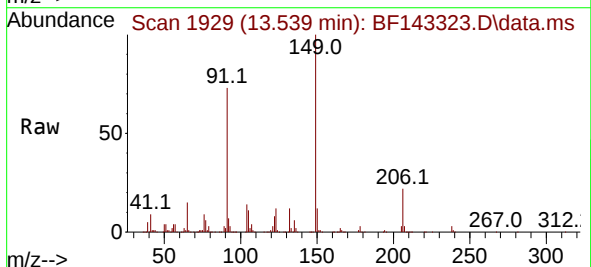
Instrument :
 BNA_F
 ClientSampleId :
 PB169106BS



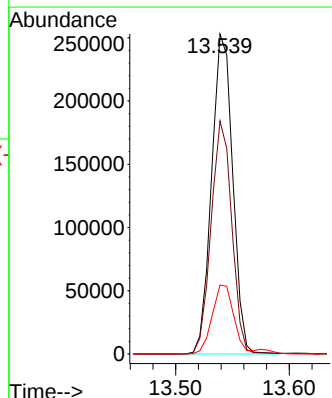
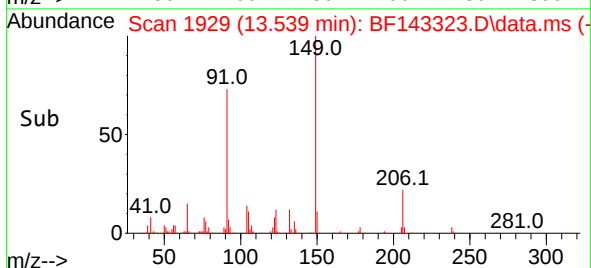
Tgt Ion:244 Resp: 1204586
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.3 8.2 12.2

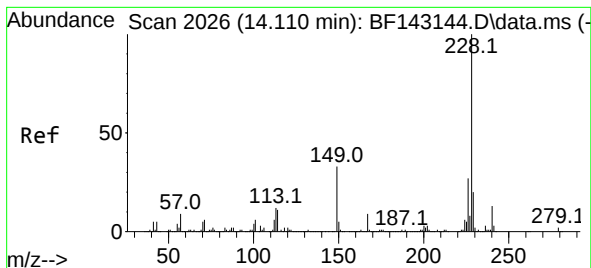


#80
 Butylbenzylphthalate
 Concen: 57.184 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36



Tgt Ion:149 Resp: 325961
 Ion Ratio Lower Upper
 149 100
 91 72.8 57.9 86.9
 206 21.6 17.0 25.4





#81

Benzo(a)anthracene

Concen: 44.130 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

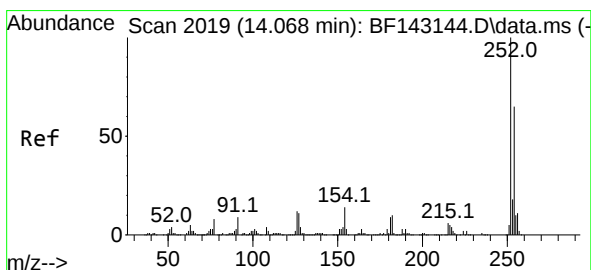
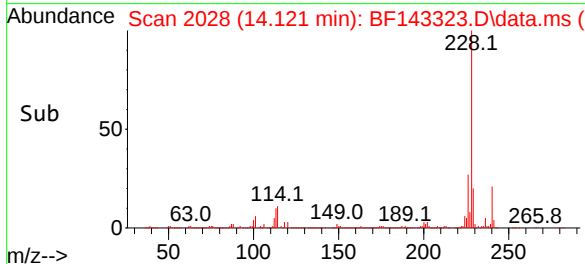
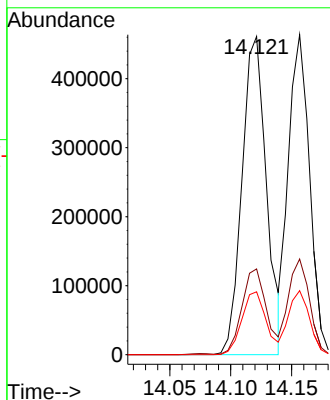
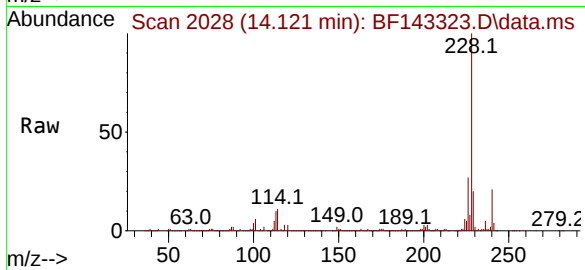
Tgt Ion:228 Resp: 644421

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 23.600 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

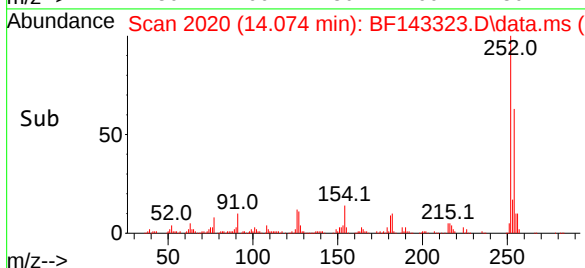
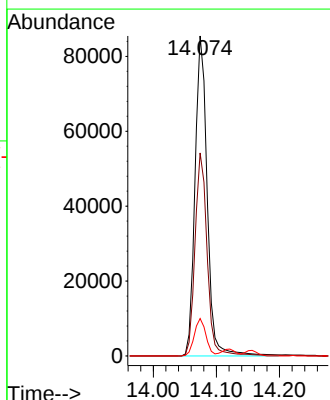
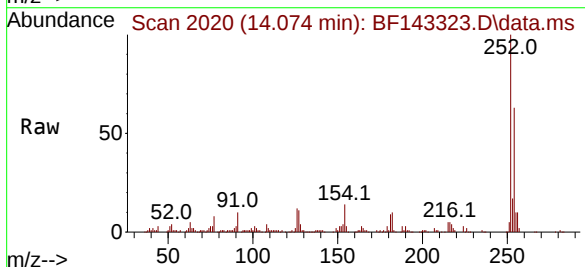
Tgt Ion:252 Resp: 114861

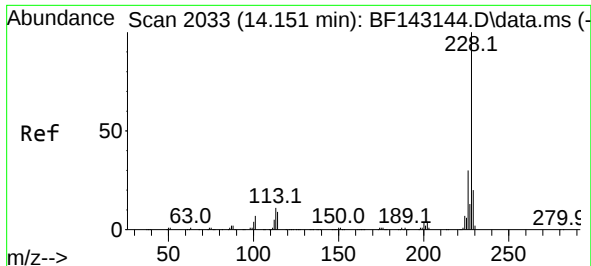
Ion Ratio Lower Upper

252 100

254 63.4 51.7 77.5

126 11.7 9.4 14.0

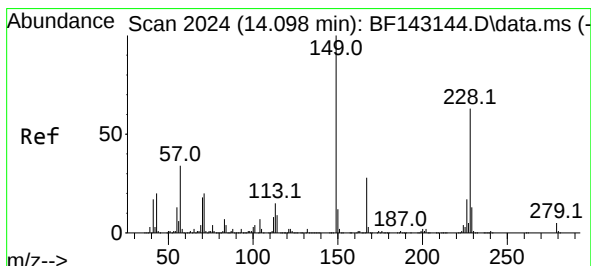
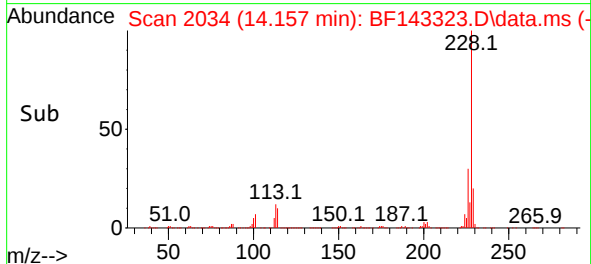
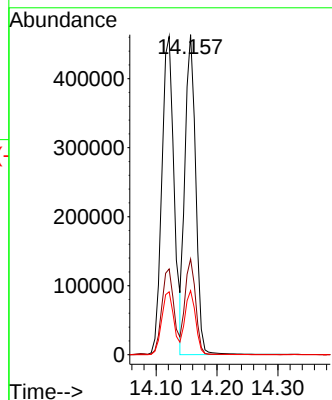
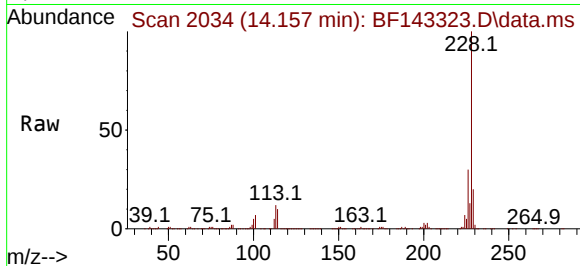




#83
Chrysene
Concen: 43.219 ng
RT: 14.157 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

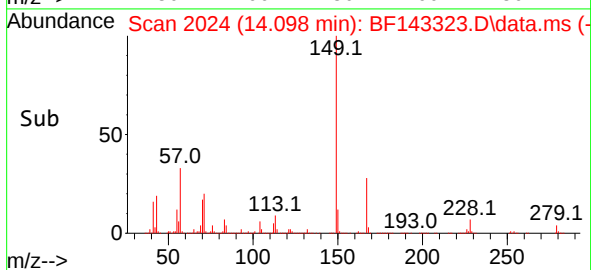
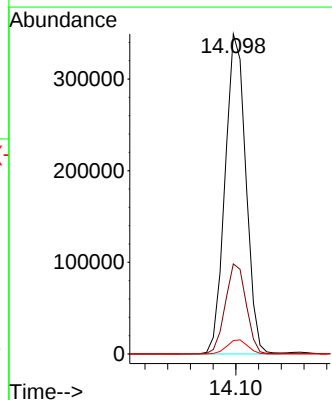
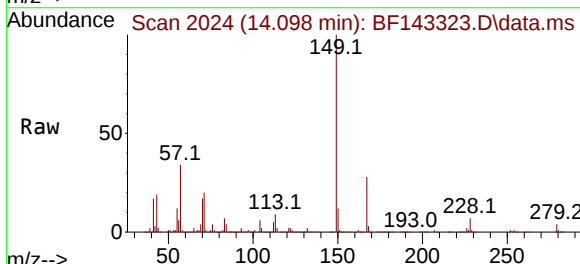
Instrument :
BNA_F
ClientSampleId :
PB169106BS

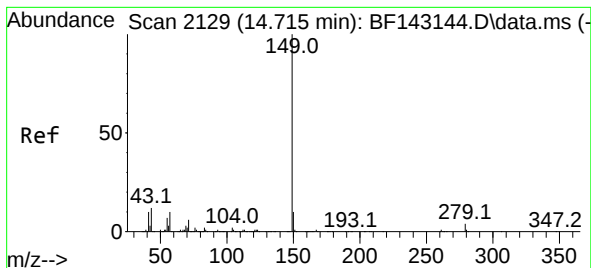
Tgt Ion:228 Resp: 567438
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 20.0 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.414 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:149 Resp: 443590
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.2 3.6 5.4

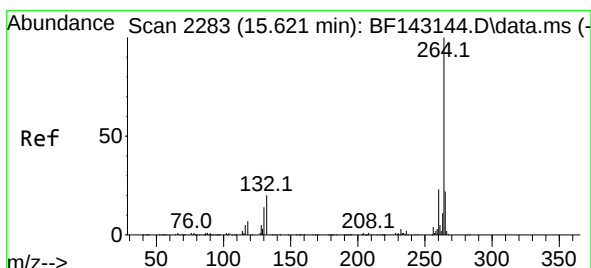
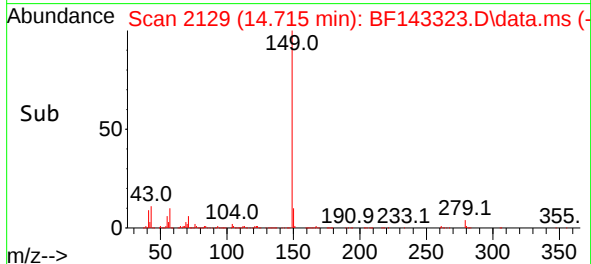
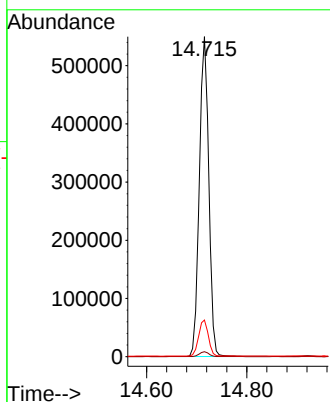
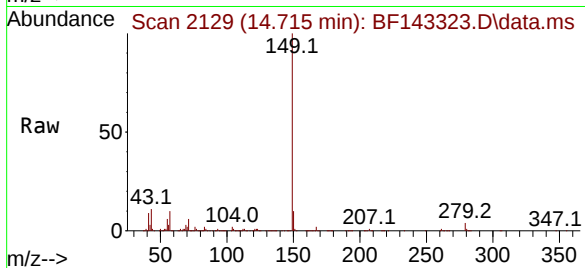




#85
Di-n-octyl phthalate
Concen: 45.787 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

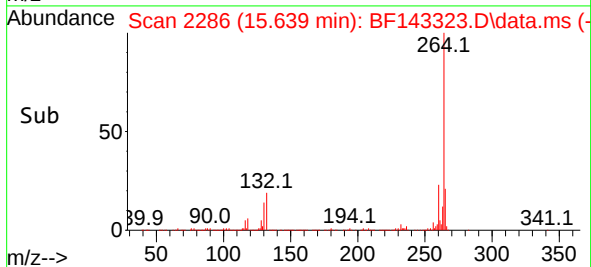
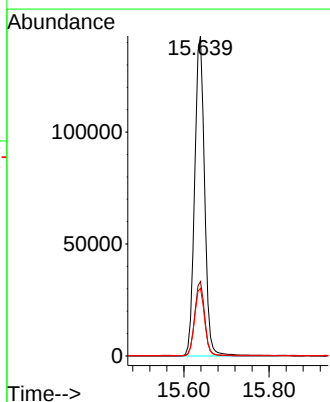
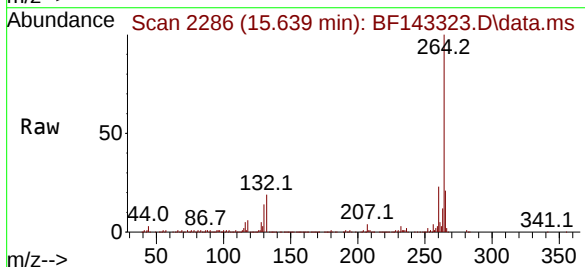
Instrument :
BNA_F
ClientSampleId :
PB169106BS

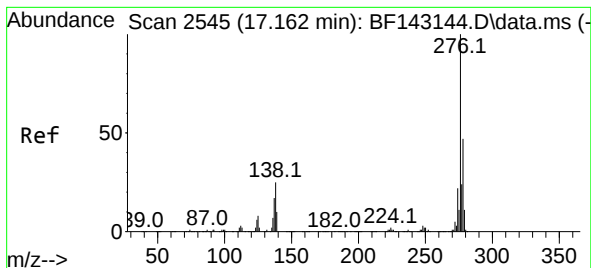
Tgt Ion:149 Resp: 716056
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 11.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:264 Resp: 231621
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.152 ng

RT: 17.186 min Scan# 2110

Delta R.T. 0.024 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB169106BS

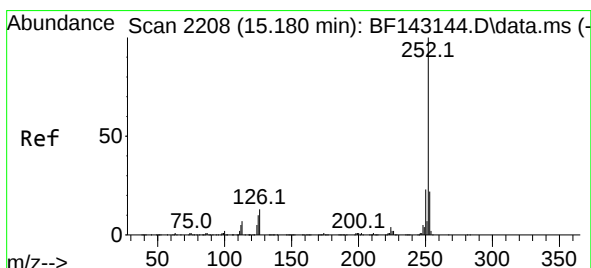
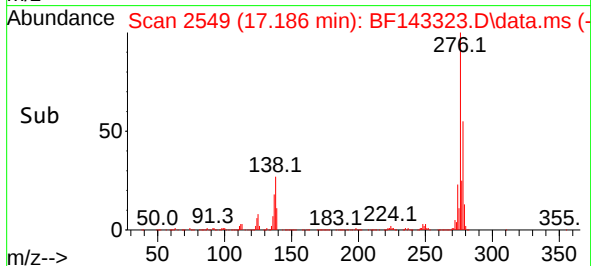
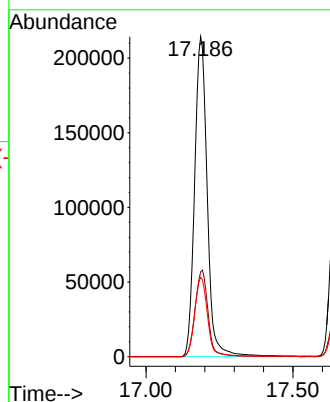
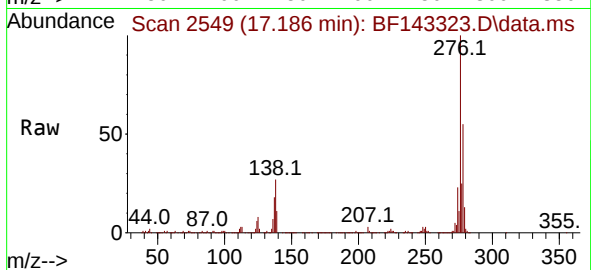
Tgt Ion:276 Resp: 639442

Ion Ratio Lower Upper

276 100

138 27.8 21.8 32.6

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.536 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143323.D

Acq: 06 Aug 2025 11:36

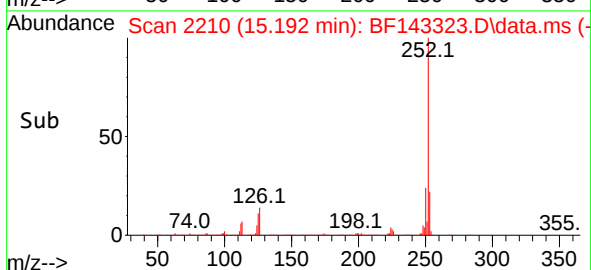
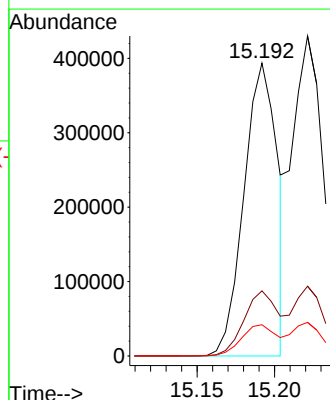
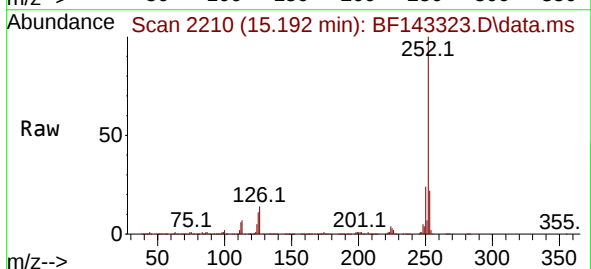
Tgt Ion:252 Resp: 587738

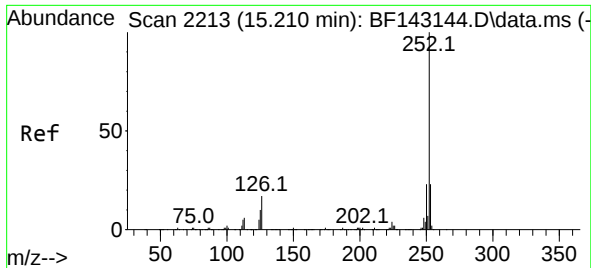
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.7 8.0 12.0

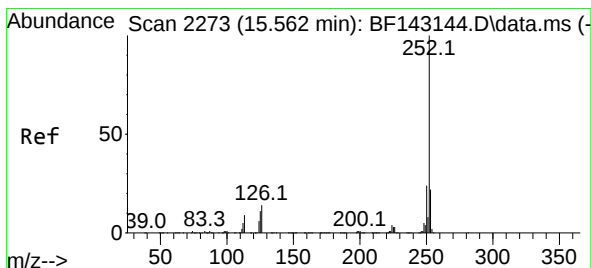
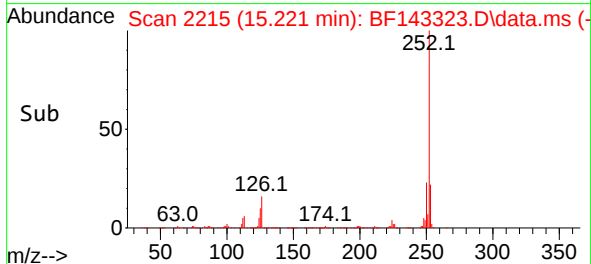
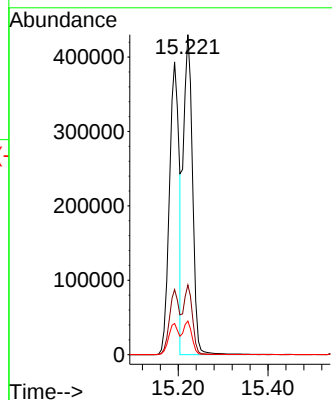
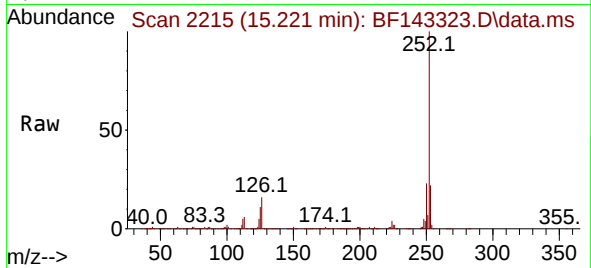




#89
Benzo(k)fluoranthene
Concen: 48.207 ng
RT: 15.221 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

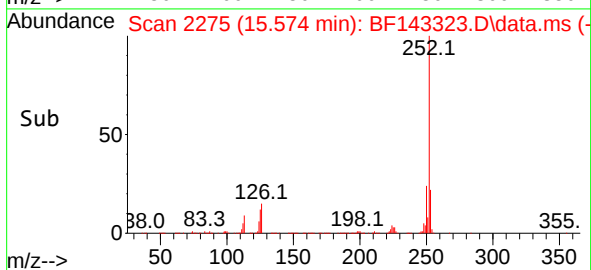
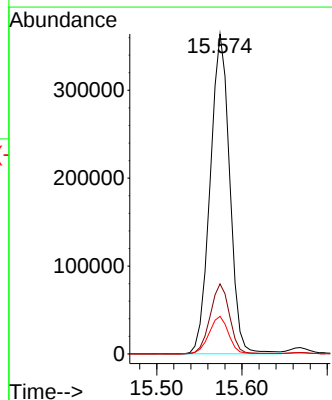
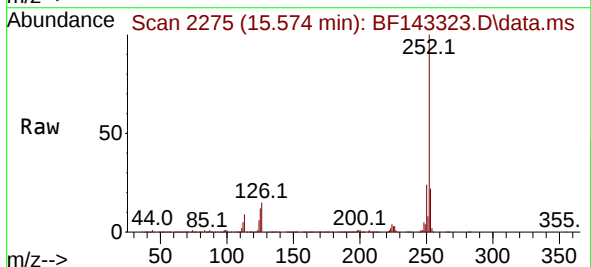
Instrument :
BNA_F
ClientSampleId :
PB169106BS

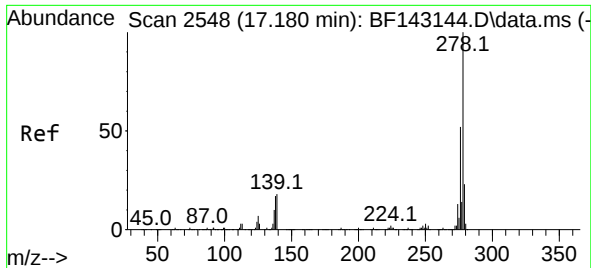
Tgt Ion:252 Resp: 608697
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.5 8.1 12.1



#90
Benzo(a)pyrene
Concen: 44.442 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143323.D
Acq: 06 Aug 2025 11:36

Tgt Ion:252 Resp: 579387
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.8 8.6 13.0

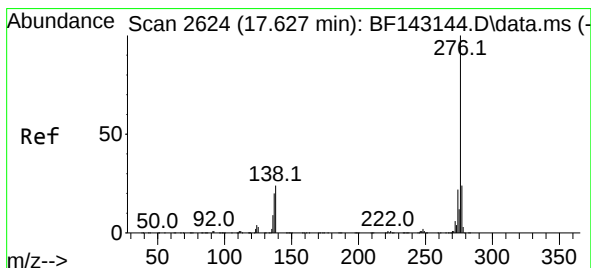
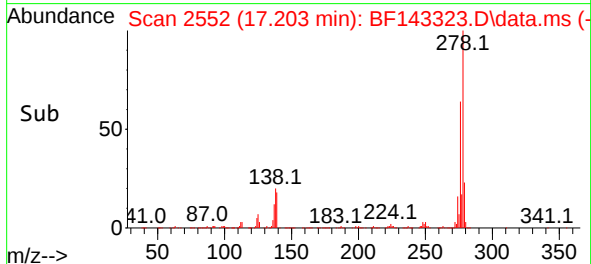
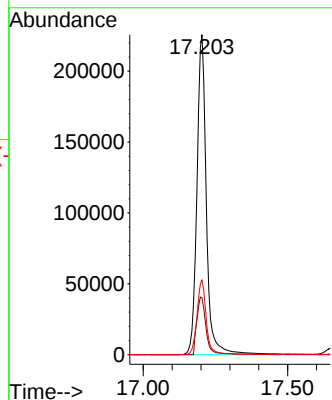
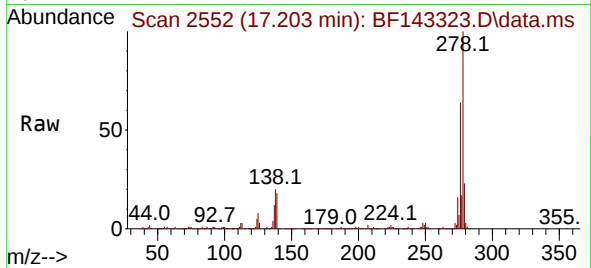




#91
 Dibenzo(a,h)anthracene
 Concen: 38.783 ng
 RT: 17.203 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB169106BS

Tgt Ion:278 Resp: 515564
 Ion Ratio Lower Upper
 278 100
 139 17.8 14.1 21.1
 279 23.3 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 38.915 ng
 RT: 17.656 min Scan# 2629
 Delta R.T. 0.029 min
 Lab File: BF143323.D
 Acq: 06 Aug 2025 11:36

Tgt Ion:276 Resp: 500415
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.1 28.7
 138 23.3 18.9 28.3

