

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143703.D
 Acq On : 11 Sep 2025 13:29
 Operator : RC/JU
 Sample : PB169649BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169649BS

Quant Time: Sep 11 13:58:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	40211	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	154102	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	87739	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	139957	20.000	ng	0.01
76) Chrysene-d12	14.062	240	87066	20.000	ng	0.02
86) Perylene-d12	15.539	264	93680	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	291463	123.667	ng	0.02
7) Phenol-d6	6.516	99	353330	123.125	ng	0.01
23) Nitrobenzene-d5	7.457	82	213705	86.258	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	116429	131.675	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	496689	85.516	ng	0.00
79) Terphenyl-d14	13.010	244	456842	85.030	ng	0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.769	88	39333	37.413	ng 99
3) Pyridine	3.516	79	102357	37.690	ng 99
4) n-Nitrosodimethylamine	3.469	42	46219	44.803	ng 98
6) Aniline	6.557	93	136579	35.934	ng 98
8) 2-Chlorophenol	6.675	128	114210	44.868	ng 98
9) Benzaldehyde	6.445	77	47158	20.368	ng 97
10) Phenol	6.528	94	146830	46.287	ng 99
11) bis(2-Chloroethyl)ether	6.628	93	105263	44.431	ng 96
12) 1,3-Dichlorobenzene	6.833	146	130943	44.979	ng 99
13) 1,4-Dichlorobenzene	6.910	146	134506	45.776	ng 99
14) 1,2-Dichlorobenzene	7.063	146	127305	45.879	ng 99
15) Benzyl Alcohol	7.033	79	96930	46.435	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	133290	43.003	ng 97
17) 2-Methylphenol	7.139	107	93201	45.516	ng 99
18) Hexachloroethane	7.410	117	41482	43.703	ng 96
19) n-Nitroso-di-n-propyla...	7.304	70	80100	45.448	ng 98
20) 3+4-Methylphenols	7.292	107	120245	44.594	ng 91
22) Acetophenone	7.304	105	160934	46.240	ng 98
24) Nitrobenzene	7.475	77	112809	43.914	ng 98
25) Isophorone	7.716	82	215669	45.397	ng 99
26) 2-Nitrophenol	7.792	139	58371	46.214	ng 97
27) 2,4-Dimethylphenol	7.822	122	111435	49.146	ng 99
28) bis(2-Chloroethoxy)met...	7.922	93	131305	44.975	ng 99
29) 2,4-Dichlorophenol	8.027	162	101421	44.466	ng 98
30) 1,2,4-Trichlorobenzene	8.116	180	111788	47.308	ng 99
31) Naphthalene	8.198	128	340959	44.695	ng 99
32) Benzoic acid	7.928	122	67802	49.013	ng 96
33) 4-Chloroaniline	8.239	127	75435	28.405	ng 98
34) Hexachlorobutadiene	8.316	225	69978	45.403	ng 98
35) Caprolactam	8.610	113	16379	26.981	ng 98
36) 4-Chloro-3-methylphenol	8.722	107	102384	45.525	ng 94
37) 2-Methylnaphthalene	8.886	142	210801	40.368	ng 100
38) 1-Methylnaphthalene	8.986	142	219412	43.782	ng 99
40) 1,2,4,5-Tetrachloroben...	9.057	216	112492	44.785	ng 98
41) Hexachlorocyclopentadiene	9.045	237	156247	121.163	ng 99
43) 2,4,6-Trichlorophenol	9.163	196	78163	46.602	ng 100

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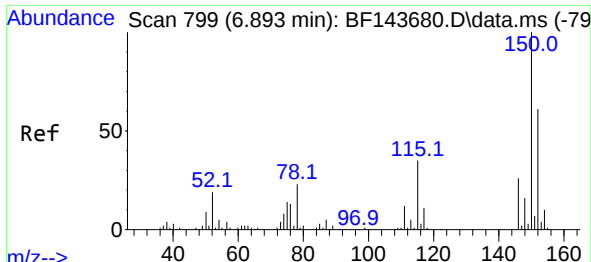
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	80125	46.991	ng	99
46) 1,1'-Biphenyl	9.357	154	292219	46.263	ng	100
47) 2-Chloronaphthalene	9.380	162	220204	44.469	ng	99
48) 2-Nitroaniline	9.469	65	60008	45.792	ng	97
49) Acenaphthylene	9.798	152	357813	50.444	ng	99
50) Dimethylphthalate	9.657	163	263218	46.109	ng	100
51) 2,6-Dinitrotoluene	9.716	165	56108	51.406	ng	96
52) Acenaphthene	9.969	154	237313	48.551	ng	99
53) 3-Nitroaniline	9.880	138	39126	33.310	ng	97
54) 2,4-Dinitrophenol	9.986	184	56553	95.172	ng	# 52
55) Dibenzofuran	10.139	168	320805	45.643	ng	100
56) 4-Nitrophenol	10.033	139	85578	91.579	ng	98
57) 2,4-Dinitrotoluene	10.116	165	73564	49.522	ng	98
58) Fluorene	10.486	166	254614	46.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	67535	48.846	ng	99
60) Diethylphthalate	10.357	149	250321	46.707	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	129231	46.314	ng	99
62) 4-Nitroaniline	10.498	138	50571	45.458	ng	99
63) Azobenzene	10.633	77	221391	46.727	ng	98
65) 4,6-Dinitro-2-methylph...	10.521	198	34805	48.844	ng	98
66) n-Nitrosodiphenylamine	10.592	169	217761	47.494	ng	99
67) 4-Bromophenyl-phenylether	10.968	248	78324	46.407	ng	99
68) Hexachlorobenzene	11.033	284	82998	46.573	ng	98
69) Atrazine	11.121	200	67881	47.218	ng	98
70) Pentachlorophenol	11.221	266	101943	94.630	ng	98
71) Phenanthrene	11.445	178	351627	45.598	ng	100
72) Anthracene	11.498	178	357142	46.060	ng	100
73) Carbazole	11.651	167	289440	45.580	ng	100
74) Di-n-butylphthalate	11.980	149	352178	46.065	ng	100
75) Fluoranthene	12.633	202	310005	43.791	ng	100
77) Benzidine	12.751	184	83570	29.434	ng	99
78) Pyrene	12.862	202	308890	44.373	ng	99
80) Butylbenzylphthalate	13.480	149	105341	48.297	ng	98
81) Benzo(a)anthracene	14.051	228	253647	45.284	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	59869	34.743	ng	98
83) Chrysene	14.086	228	239433	46.672	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	156393	50.254	ng	100
85) Di-n-octyl phthalate	14.656	149	279369	50.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	304548	47.634	ng	100
88) Benzo(b)fluoranthene	15.109	252	251903	45.171	ng	99
89) Benzo(k)fluoranthene	15.139	252	239869	47.660	ng	99
90) Benzo(a)pyrene	15.480	252	242075	49.411	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	258057	48.649	ng	99
92) Benzo(g,h,i)perylene	17.497	276	242326	48.840	ng	99

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

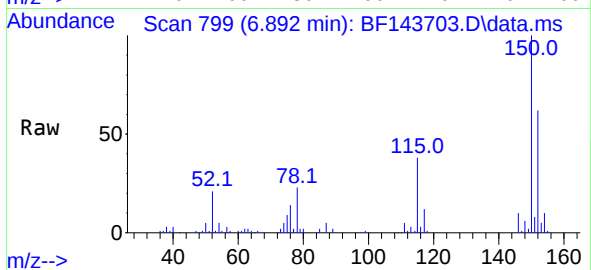
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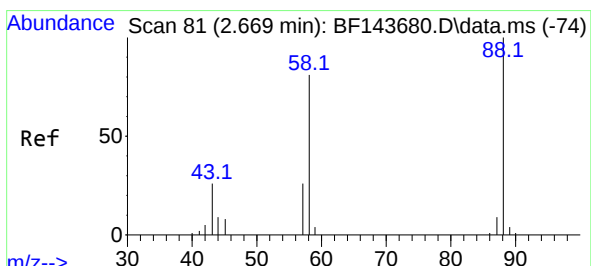
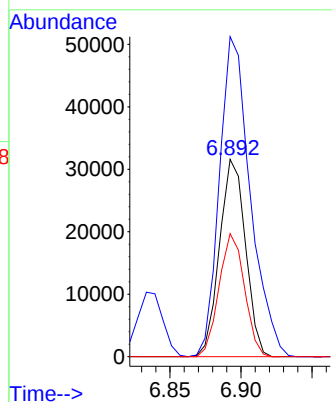
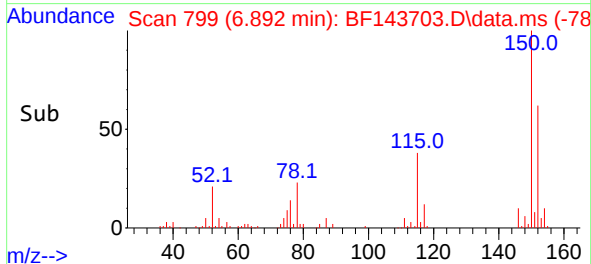


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29

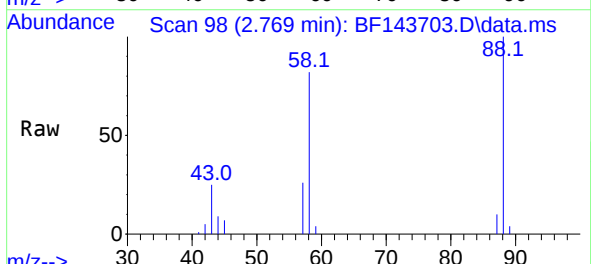
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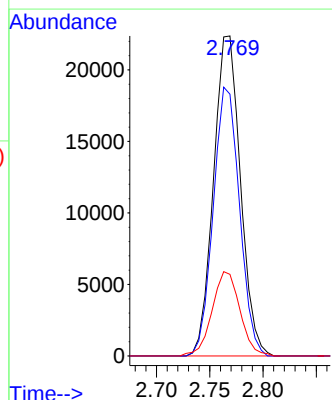
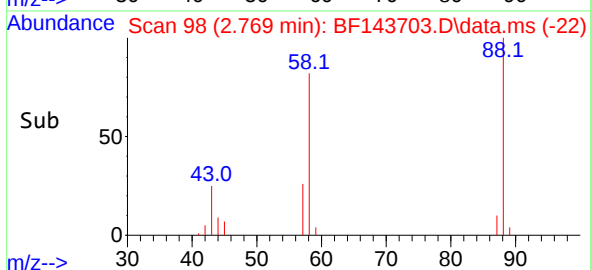
Tgt Ion:152 Resp: 40211
 Ion Ratio Lower Upper
 152 100
 150 162.2 130.7 196.1
 115 62.4 45.9 68.9

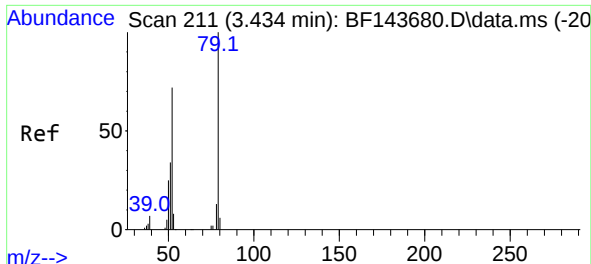


#2
 1,4-Dioxane
 Concen: 37.413 ng
 RT: 2.769 min Scan# 98
 Delta R.T. 0.100 min
 Lab File: BF143703.D
 Acq: 11 Sep 2025 13:29



Tgt Ion: 88 Resp: 39333
 Ion Ratio Lower Upper
 88 100
 58 81.8 65.8 98.6
 43 27.2 20.6 31.0

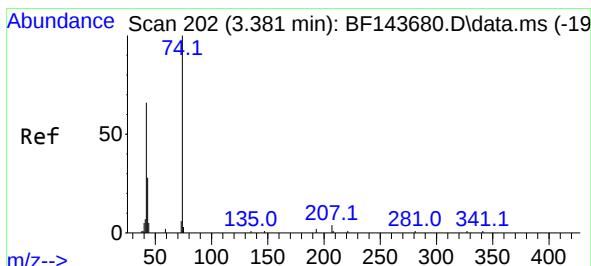
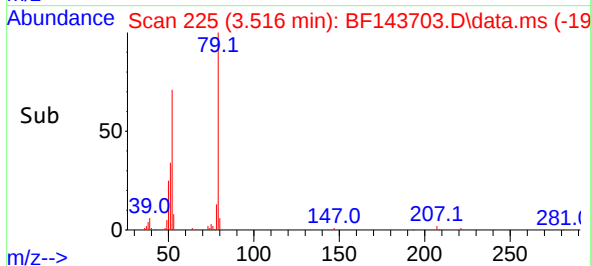
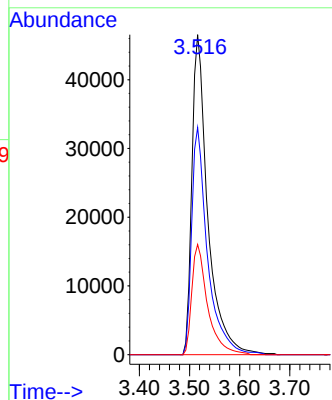
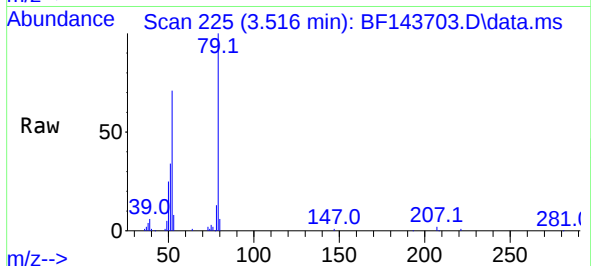




#3
Pyridine
Concen: 37.690 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

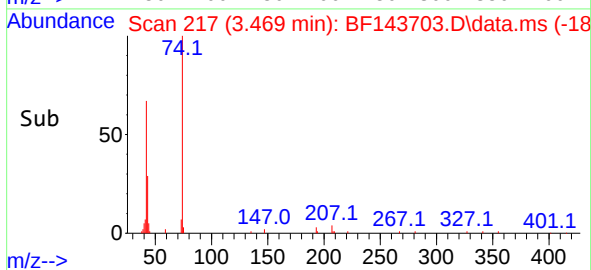
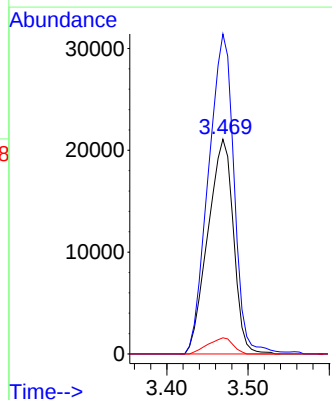
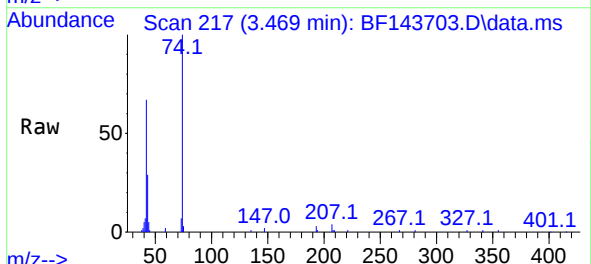
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ClientSampleId :
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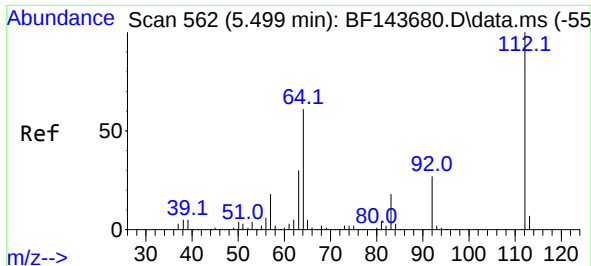
Tgt Ion: 79 Resp: 102357
Ion Ratio Lower Upper
79 100
52 71.0 57.2 85.8
51 34.4 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 44.803 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 42 Resp: 46219
Ion Ratio Lower Upper
42 100
74 149.1 120.9 181.3
44 7.5 6.5 9.7

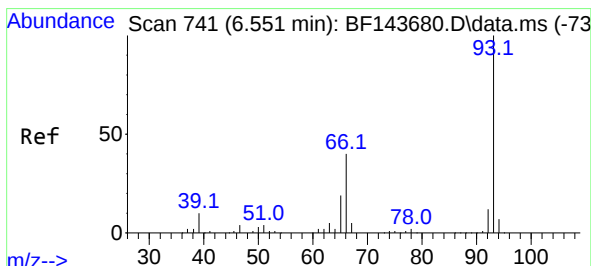
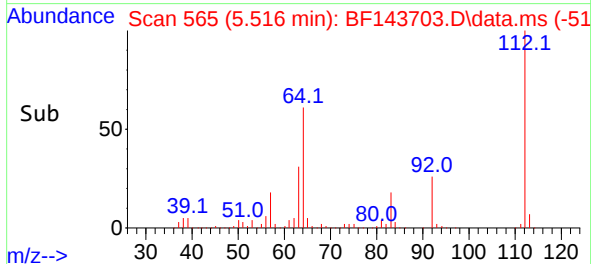
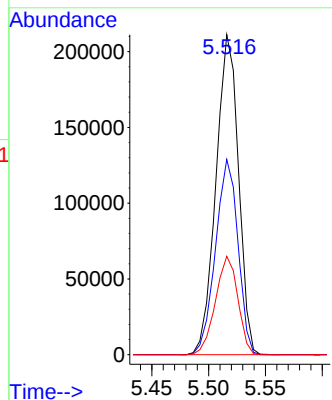
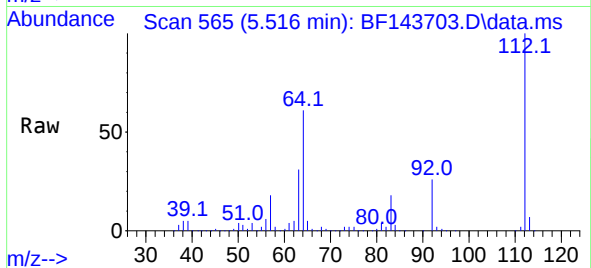




#5
2-Fluorophenol
Concen: 123.667 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

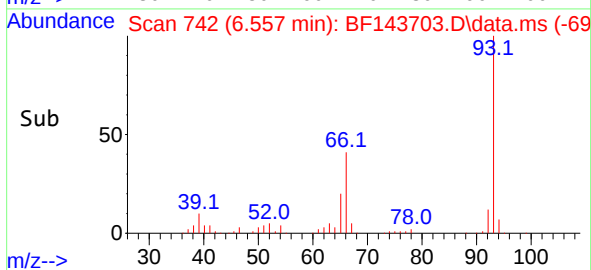
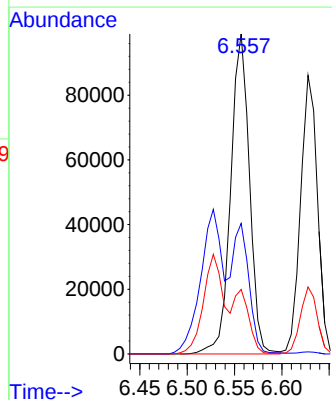
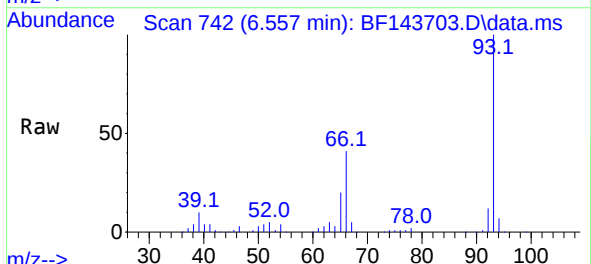
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 291463
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 30.8 24.3 36.5

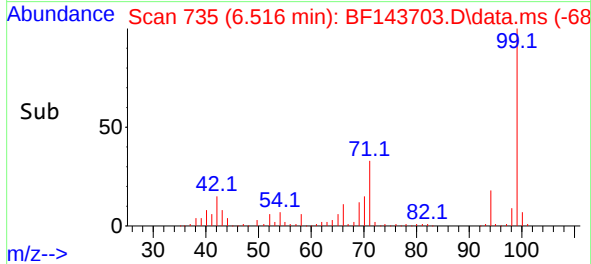
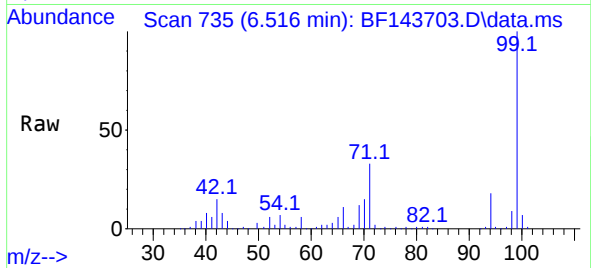
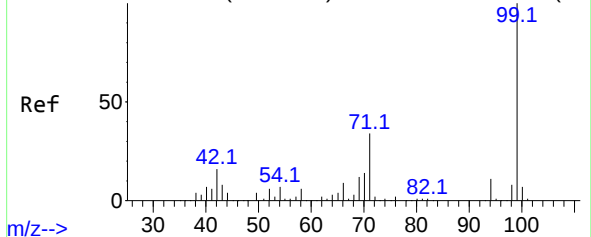


#6
Aniline
Concen: 35.934 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 93 Resp: 136579
Ion Ratio Lower Upper
93 100
66 40.8 34.1 51.1
65 20.1 16.1 24.1



Abundance Scan 733 (6.504 min): BF143680.D\data.ms (-72



#7

Phenol-d6

Concen: 123.125 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

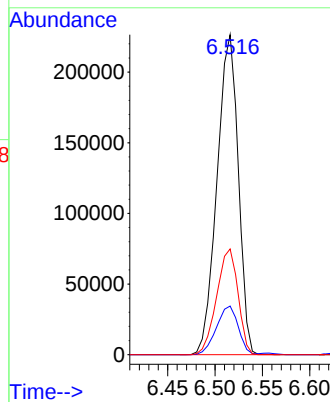
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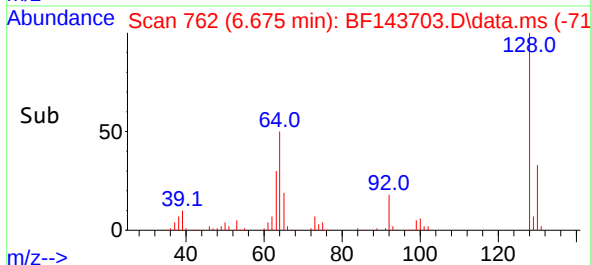
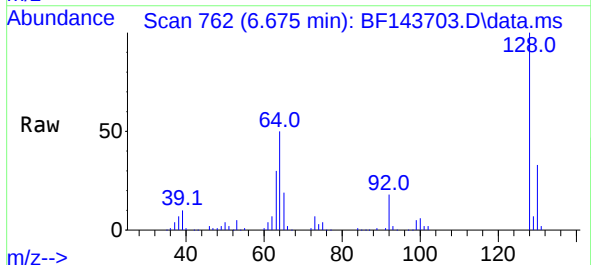
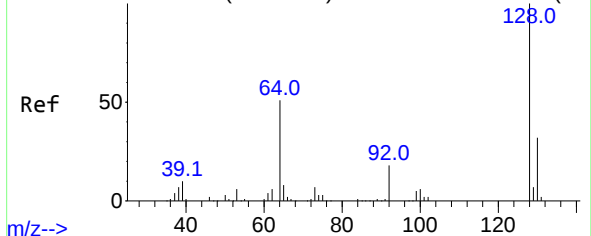
PB169649BS

Tgt Ion: 99 Resp: 353330

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.0	19.4
71	33.1	27.4	41.2



Abundance Scan 761 (6.669 min): BF143680.D\data.ms (-75



#8

2-Chlorophenol

Concen: 44.868 ng

RT: 6.675 min Scan# 762

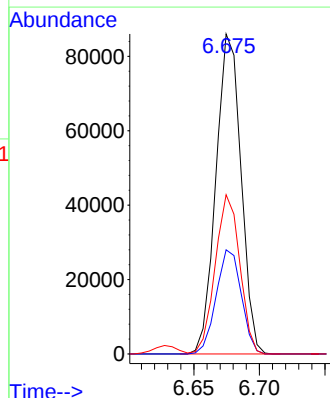
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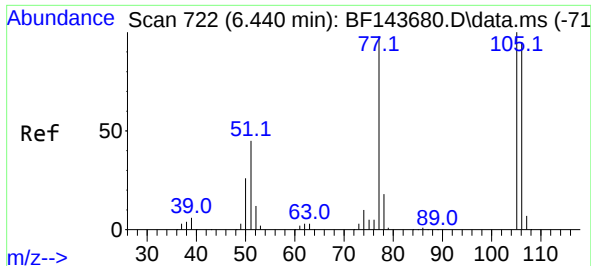
Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:128 Resp: 114210

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	49.7	31.9	71.9

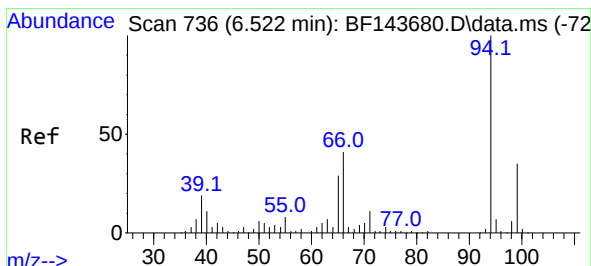
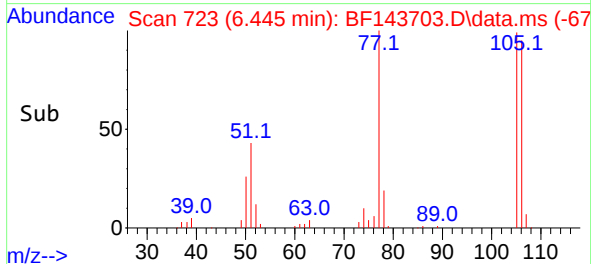
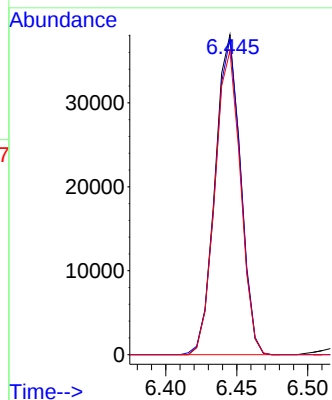
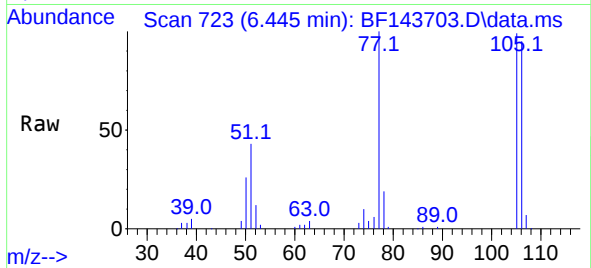




#9
Benzaldehyde
Concen: 20.368 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

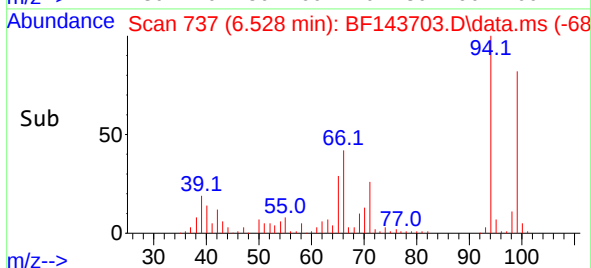
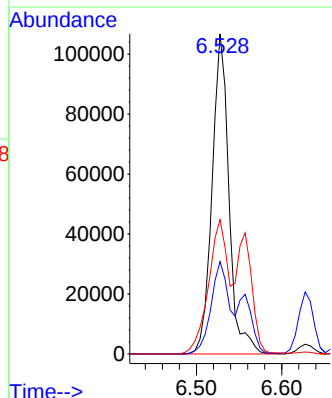
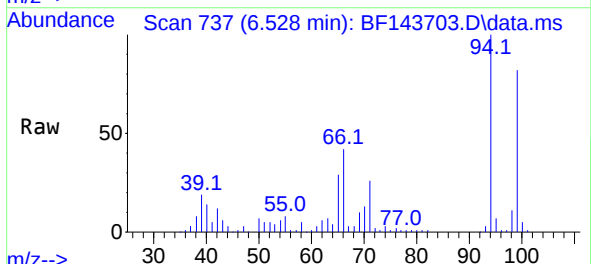
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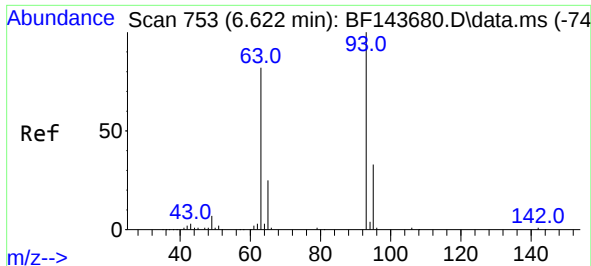
Tgt Ion: 77 Resp: 47158
Ion Ratio Lower Upper
77 100
105 98.6 81.7 121.7
106 94.9 76.9 116.9



#10
Phenol
Concen: 46.287 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 94 Resp: 146830
Ion Ratio Lower Upper
94 100
65 28.9 9.1 49.1
66 41.9 20.8 60.8

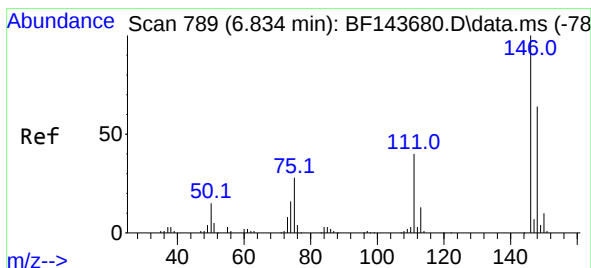
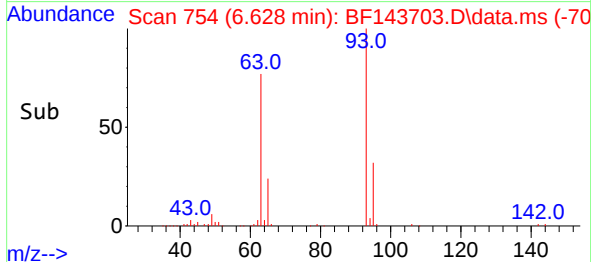
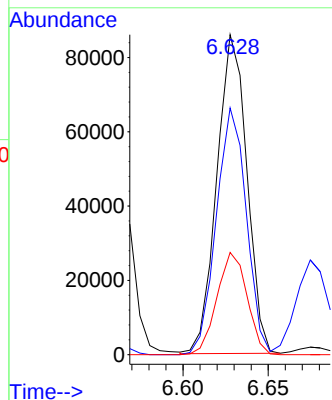
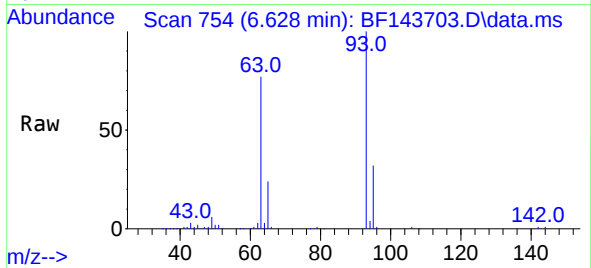




#11
bis(2-Chloroethyl)ether
Concen: 44.431 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

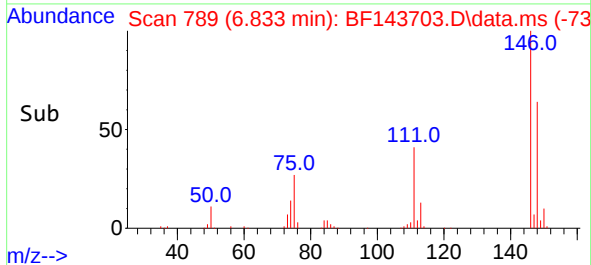
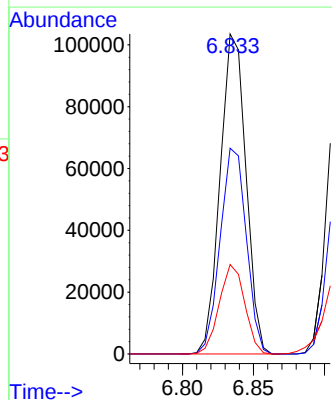
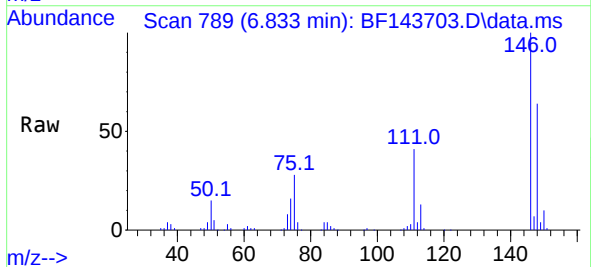
Instrument :
BNA_F
ClientSampleId :
PB169649BS

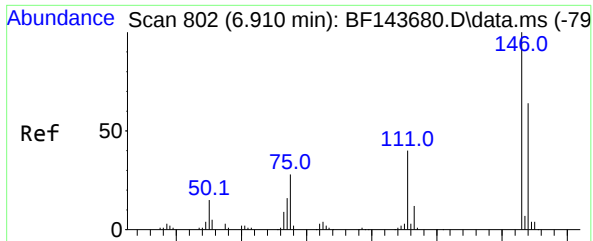
Tgt Ion: 93 Resp: 105263
Ion Ratio Lower Upper
93 100
63 77.1 61.8 101.8
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.979 ng
RT: 6.833 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

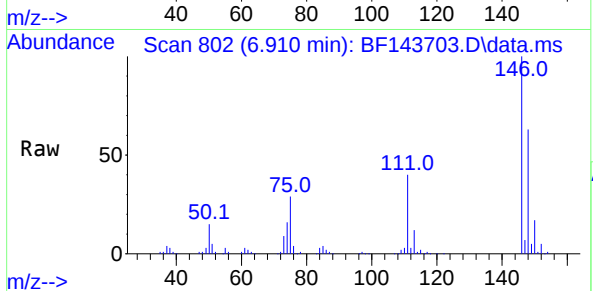
Tgt Ion:146 Resp: 130943
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 28.0 22.0 33.0



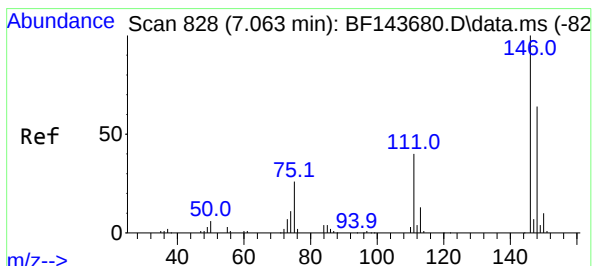
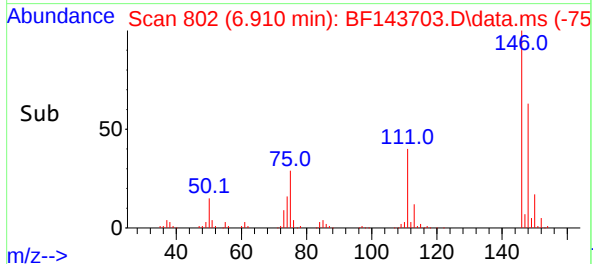
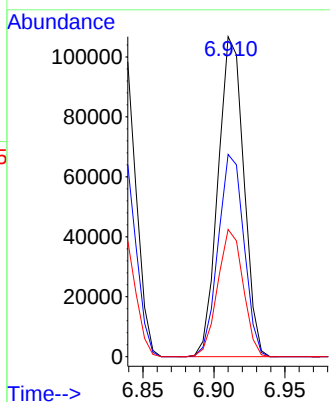


#13
1,4-Dichlorobenzene
Concen: 45.776 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

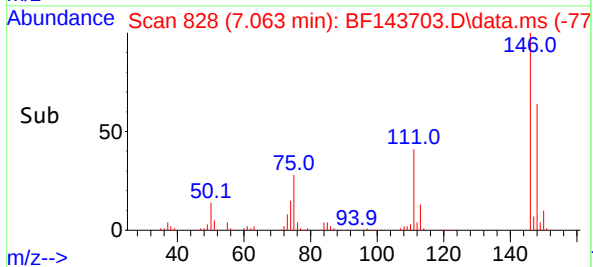
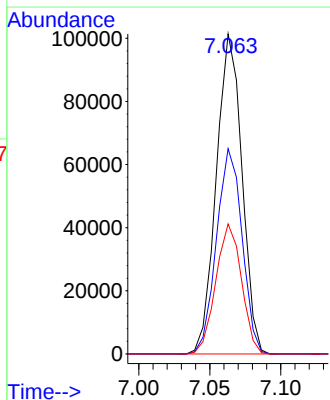
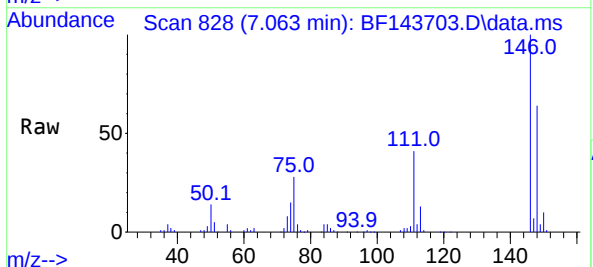


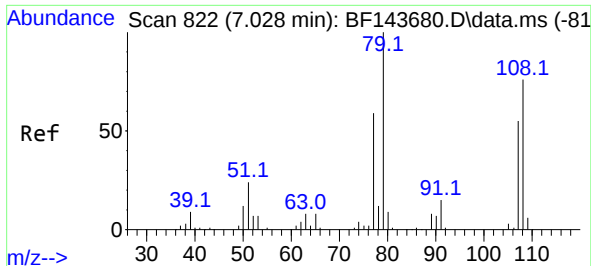
Tgt Ion:146 Resp: 134506
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 39.7 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 45.879 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:146 Resp: 127305
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 40.7 32.3 48.5

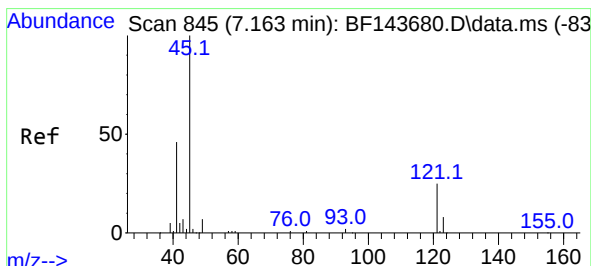
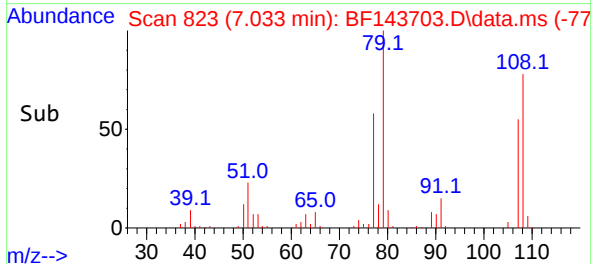
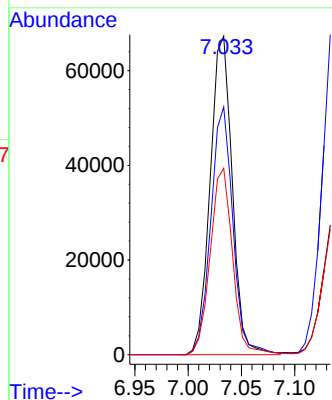
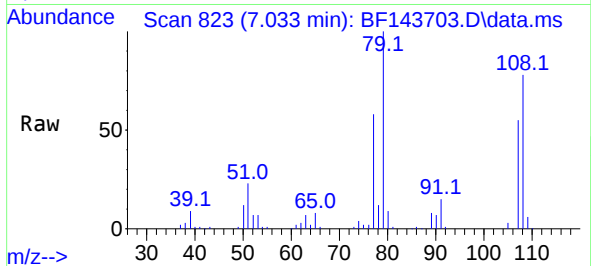




#15
Benzyl Alcohol
Concen: 46.435 ng
RT: 7.033 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

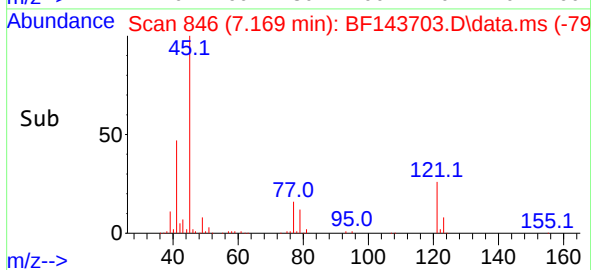
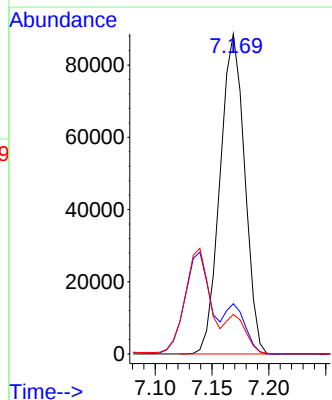
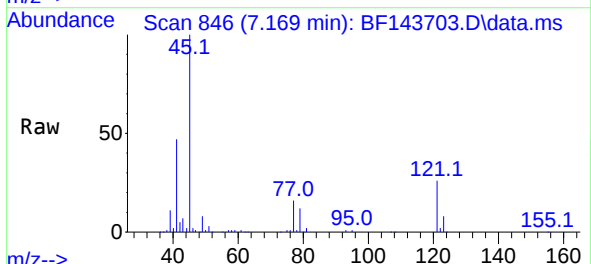
Instrument :
BNA_F
ClientSampleId :
PB169649BS

Tgt Ion: 79 Resp: 96930
Ion Ratio Lower Upper
79 100
108 77.7 60.9 91.3
77 58.5 47.4 71.2

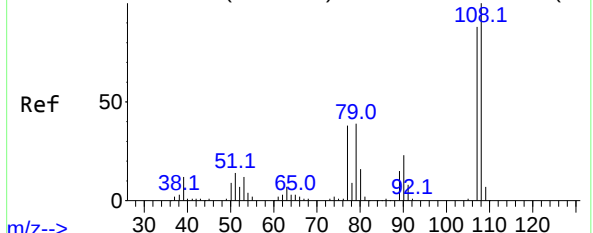


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.003 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

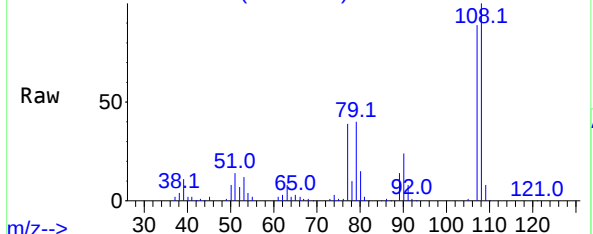
Tgt Ion: 45 Resp: 133290
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.6
79 12.3 0.0 31.3



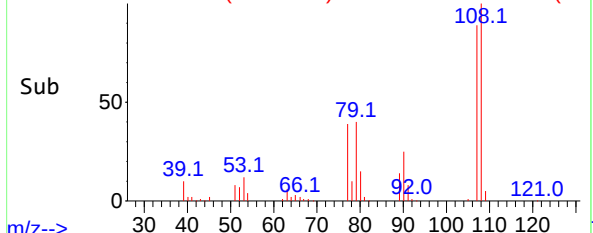
Abundance Scan 840 (7.134 min): BF143680.D\data.ms (-83



m/z--> Scan 841 (7.139 min): BF143703.D\data.ms

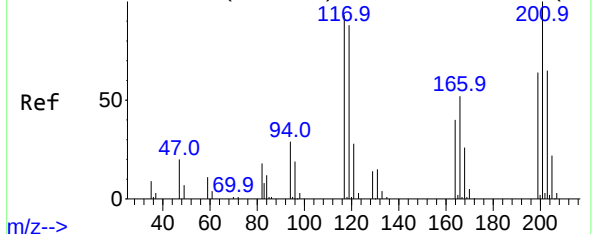


Abundance Scan 841 (7.139 min): BF143703.D\data.ms (-78

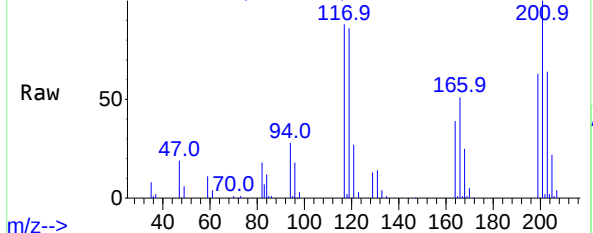


m/z-->

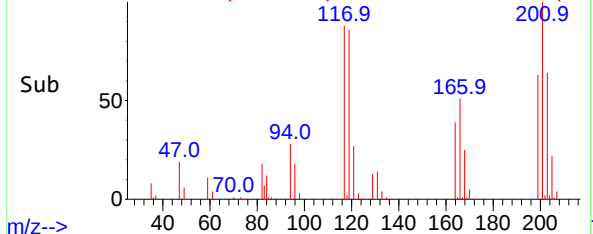
Abundance Scan 886 (7.404 min): BF143680.D\data.ms (-88



m/z--> Scan 887 (7.410 min): BF143703.D\data.ms



Abundance Scan 887 (7.410 min): BF143703.D\data.ms (-83



m/z-->

#17

2-Methylphenol

Concen: 45.516 ng

RT: 7.139 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:107 Resp: 93201

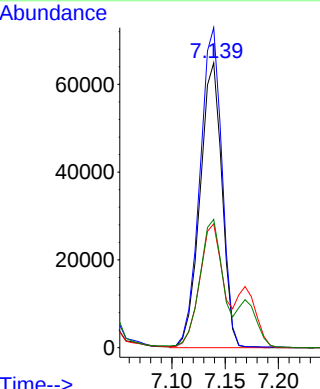
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 43.5 34.4 51.6

79 45.0 35.3 52.9



#18

Hexachloroethane

Concen: 43.703 ng

RT: 7.410 min Scan# 887

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

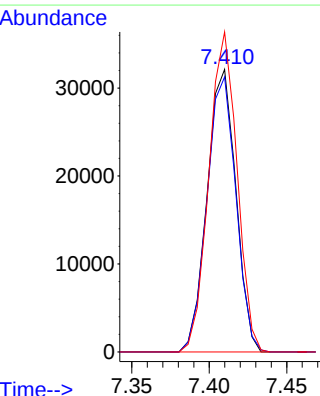
Tgt Ion:117 Resp: 41482

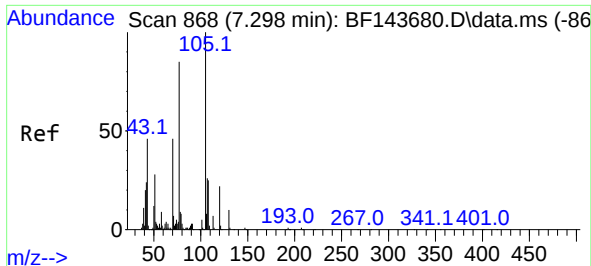
Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.2

201 113.2 86.4 129.6



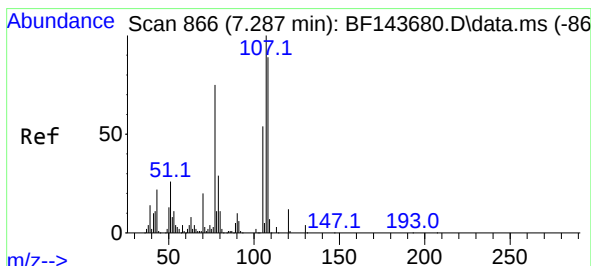
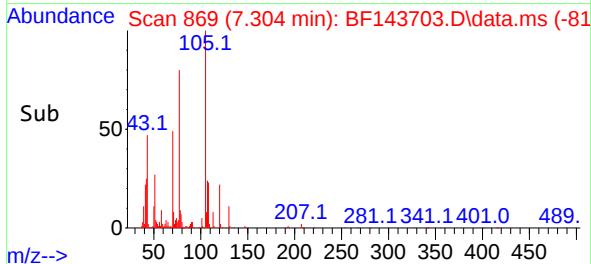
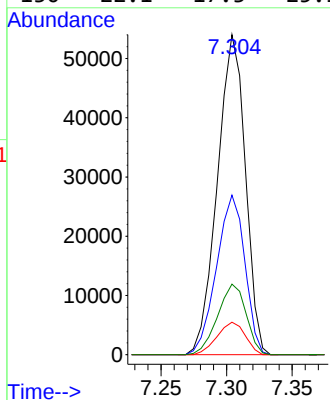
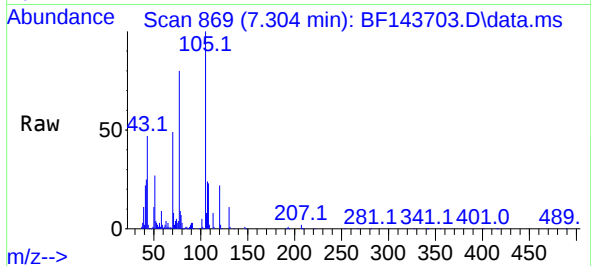


#19
n-Nitroso-di-n-propylamine
Concen: 45.448 ng
RT: 7.304 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

Tgt Ion: 70 Resp: 80100

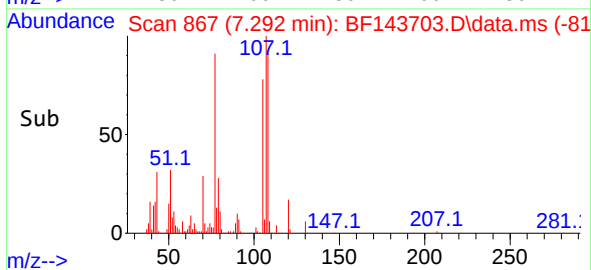
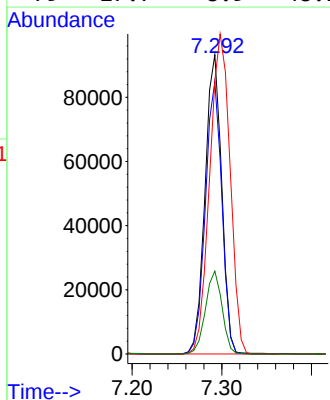
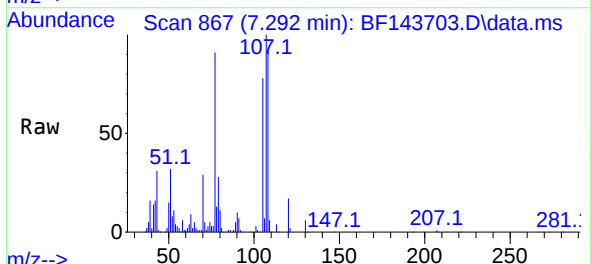
Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.4	62.2
101	10.2	8.1	12.1
130	22.1	17.3	25.9

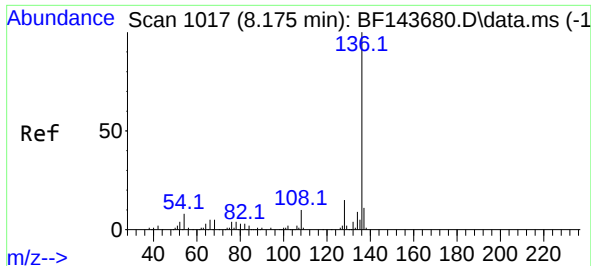


#20
3+4-Methylphenols
Concen: 44.594 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 107 Resp: 120245

Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.6	108.6
77	91.3	54.6	94.6
79	27.7	8.9	48.9

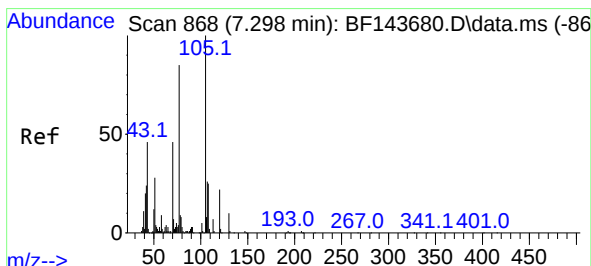
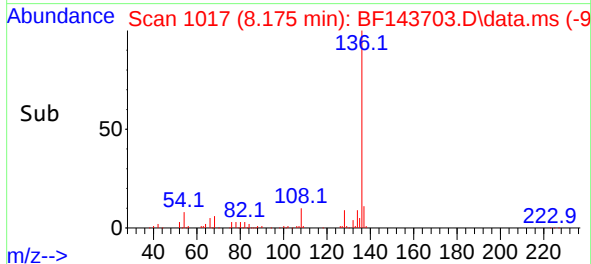
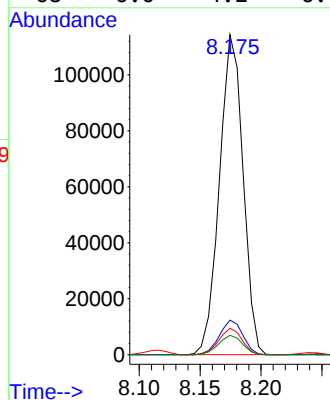
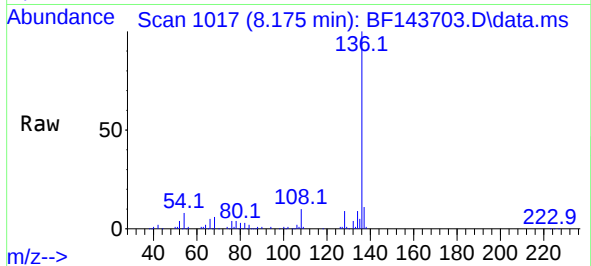




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

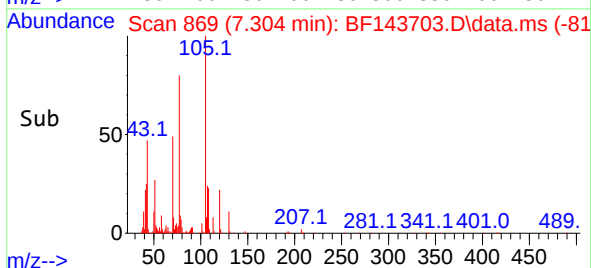
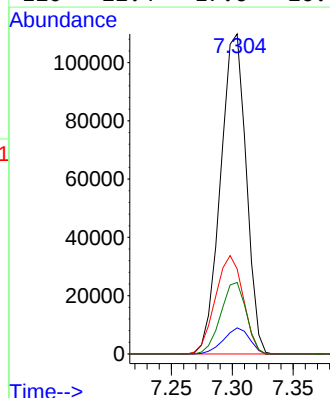
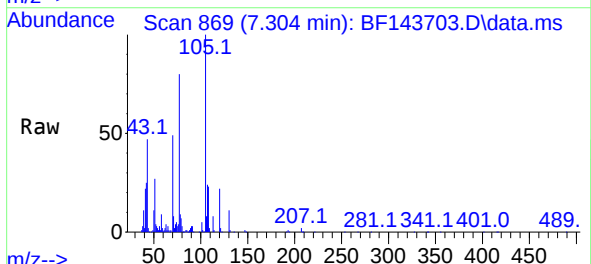
Instrument :
BNA_F
ClientSampleId :
PB169649BS

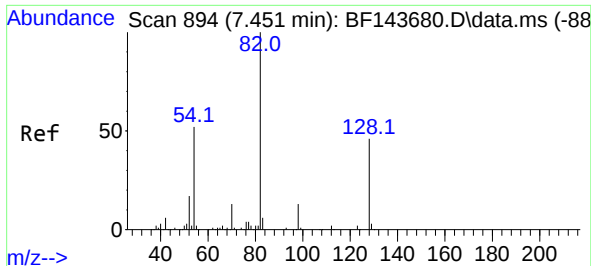
Tgt Ion:136 Resp: 154102
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.2 6.2 9.2
68 6.0 4.2 6.4



#22
Acetophenone
Concen: 46.240 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:105 Resp: 160934
Ion Ratio Lower Upper
105 100
71 8.2 5.9 8.9
51 26.6 22.4 33.6
120 22.4 17.6 26.4

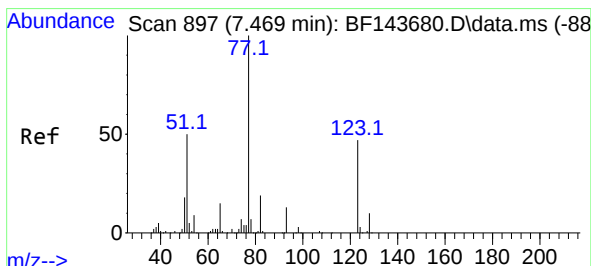
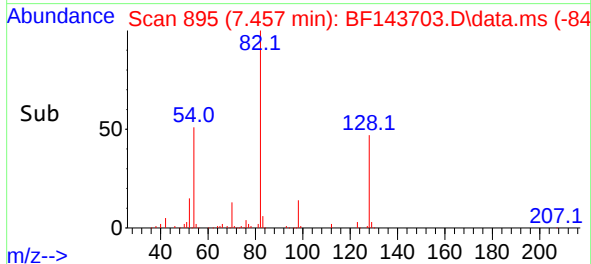
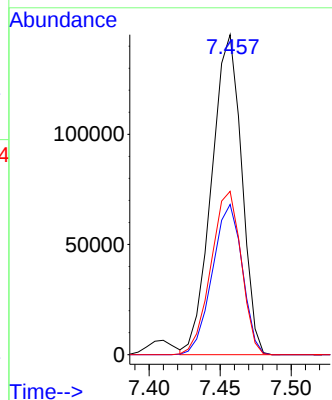
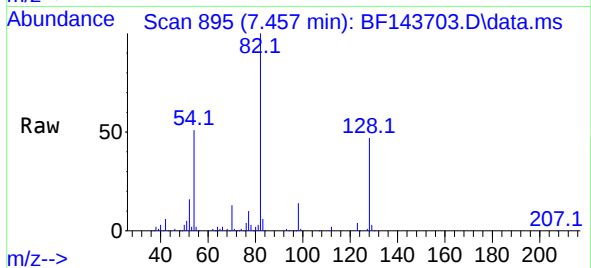




#23
Nitrobenzene-d5
Concen: 86.258 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

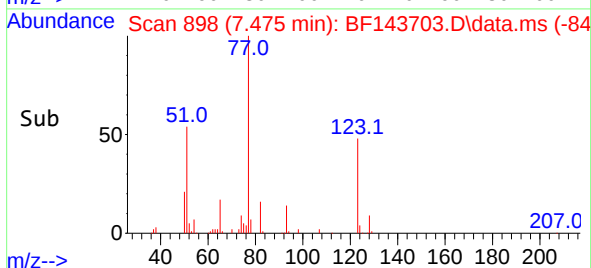
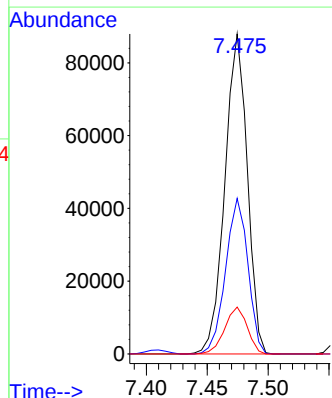
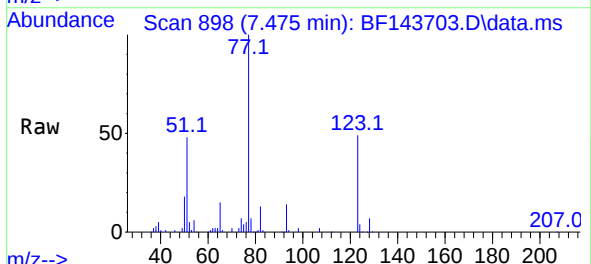
Instrument :
BNA_F
ClientSampleId :
PB169649BS

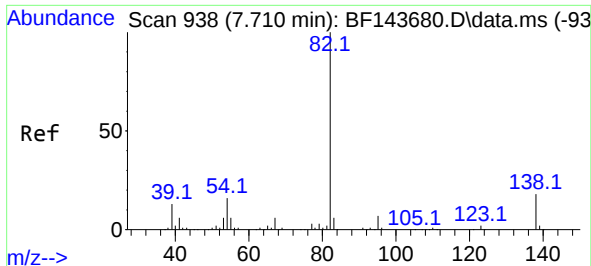
Tgt Ion: 82 Resp: 213705
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 51.1 41.8 62.8



#24
Nitrobenzene
Concen: 43.914 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 77 Resp: 112809
Ion Ratio Lower Upper
77 100
123 48.6 37.4 56.0
65 14.7 11.6 17.4

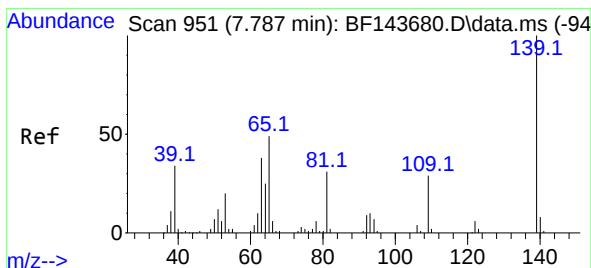
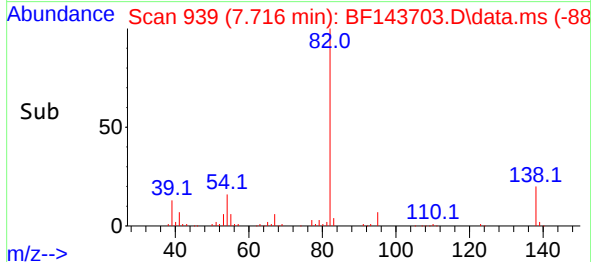
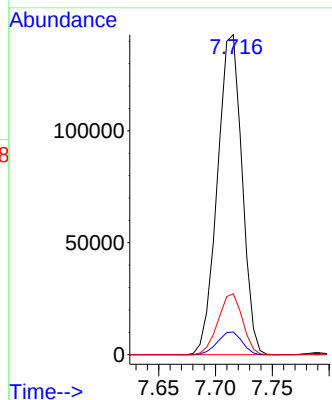
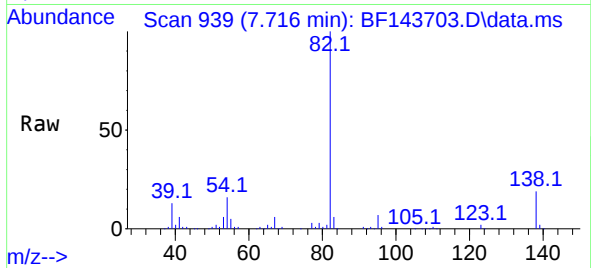




#25
Isophorone
Concen: 45.397 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

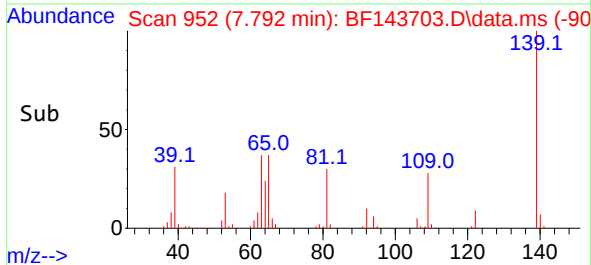
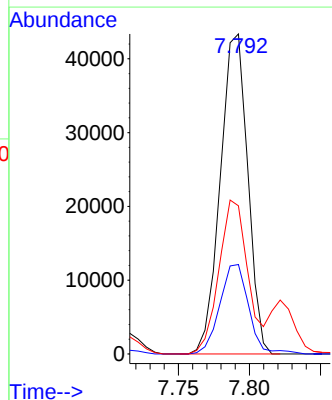
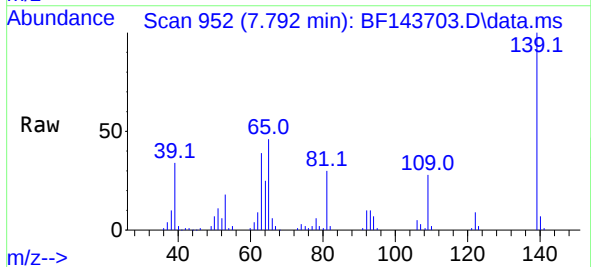
Instrument :
BNA_F
ClientSampleId :
PB169649BS

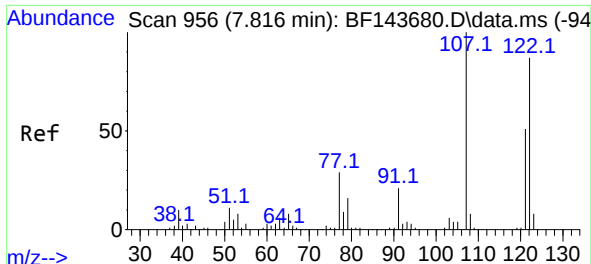
Tgt Ion: 82 Resp: 215669
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 46.214 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:139 Resp: 58371
Ion Ratio Lower Upper
139 100
109 28.0 22.8 34.2
65 46.3 39.2 58.8

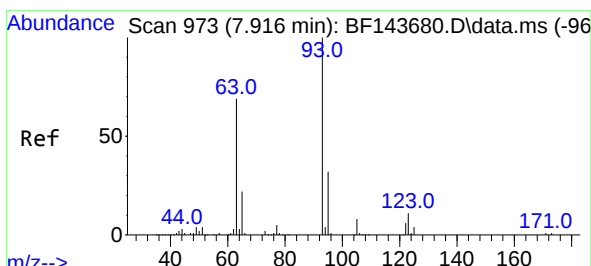
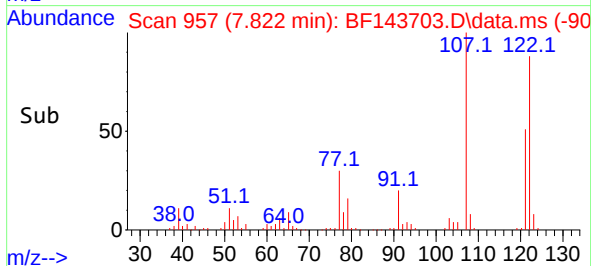
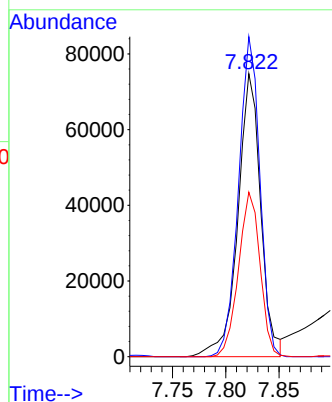
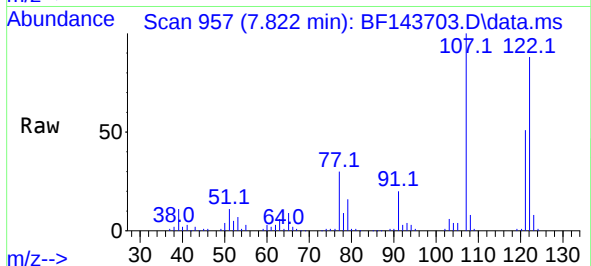




#27
2,4-Dimethylphenol
Concen: 49.146 ng
RT: 7.822 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

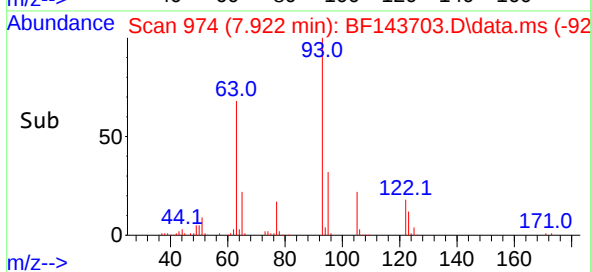
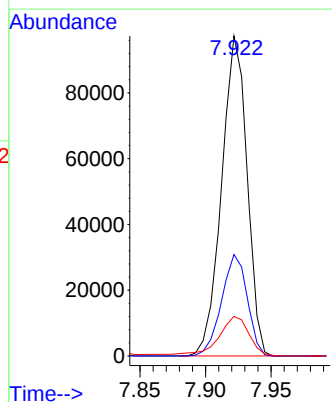
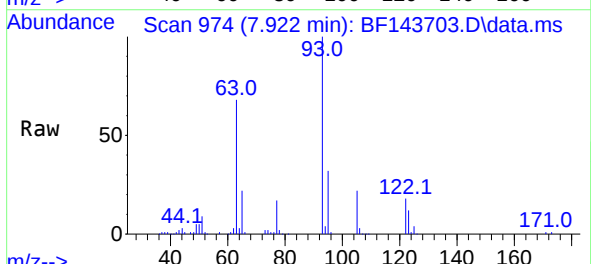
Instrument :
BNA_F
ClientSampleId :
PB169649BS

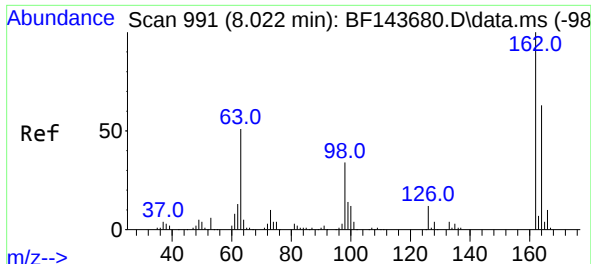
Tgt Ion:122 Resp: 111435
Ion Ratio Lower Upper
122 100
107 113.0 92.1 138.1
121 58.1 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.975 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 93 Resp: 131305
Ion Ratio Lower Upper
93 100
95 31.7 26.0 39.0
123 12.4 9.6 14.4

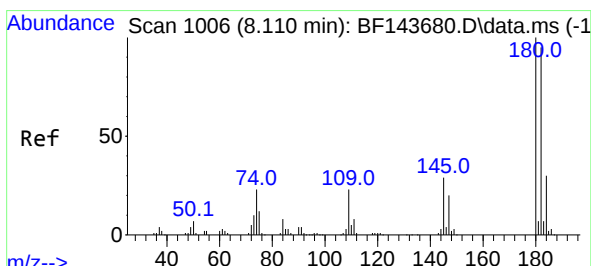
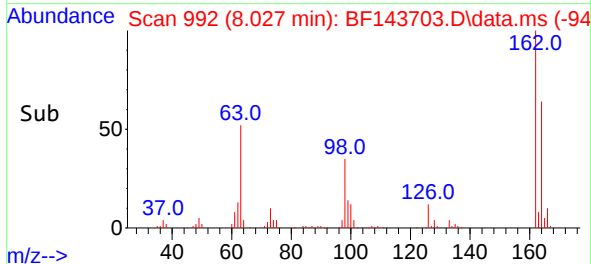
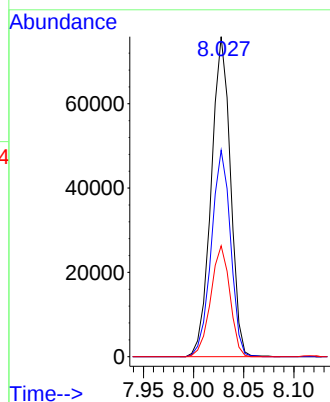
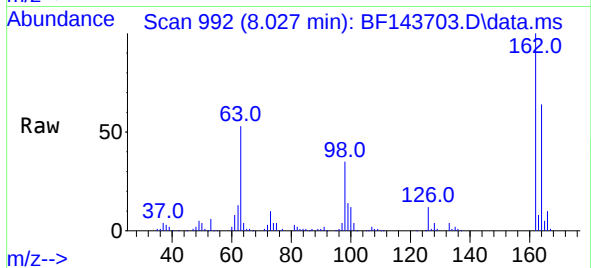




#29
2,4-Dichlorophenol
Concen: 44.466 ng
RT: 8.027 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

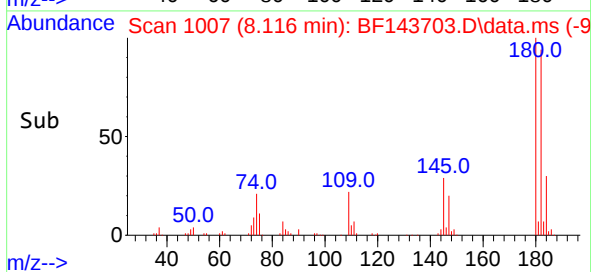
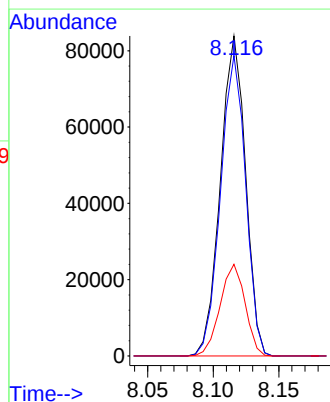
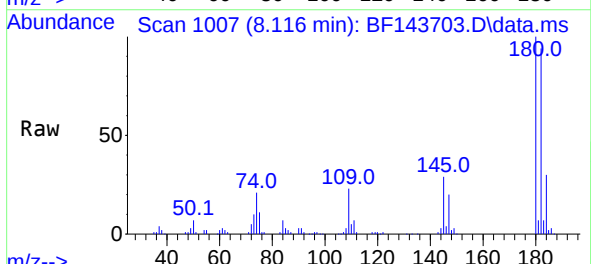
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BNA_F
ClientSampleId :
PB169649BS

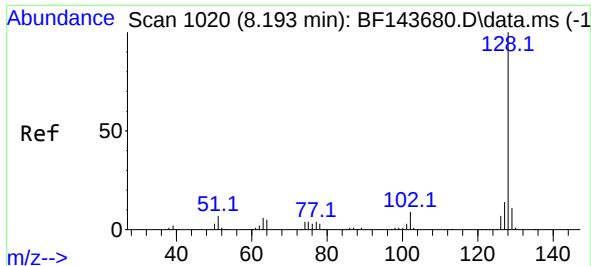
Tgt Ion:162 Resp: 101421
Ion Ratio Lower Upper
162 100
164 64.5 43.0 83.0
98 34.7 13.8 53.8



#30
1,2,4-Trichlorobenzene
Concen: 47.308 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:180 Resp: 111788
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.4
145 28.6 23.2 34.8

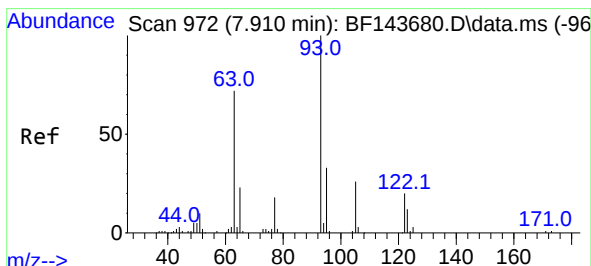
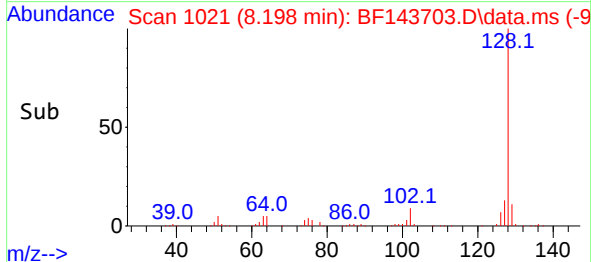
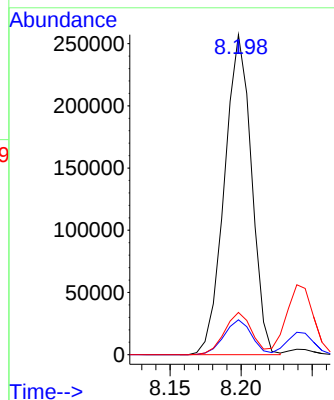
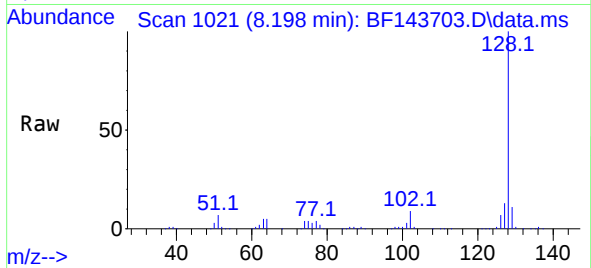




#31
Naphthalene
Concen: 44.695 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

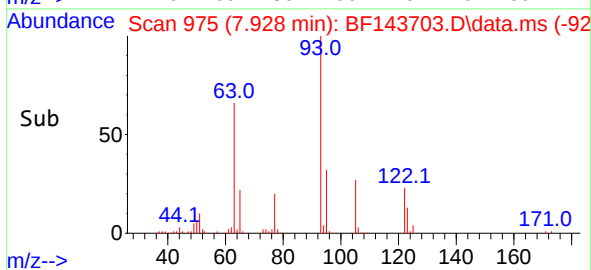
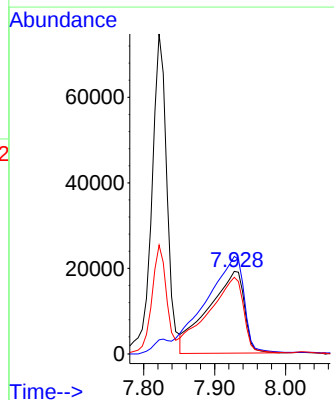
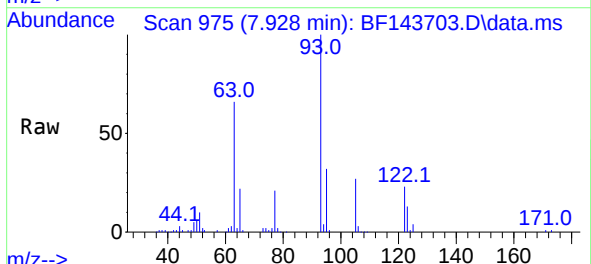
Instrument :
BNA_F
ClientSampleId :
PB169649BS

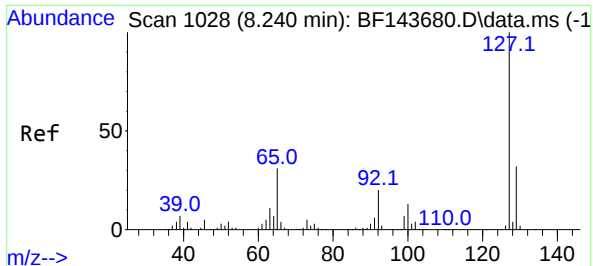
Tgt Ion:128 Resp: 340959
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 49.013 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:122 Resp: 67802
Ion Ratio Lower Upper
122 100
105 118.2 105.2 145.2
77 92.8 72.0 112.0





#33

4-Chloroaniline

Concen: 28.405 ng

RT: 8.239 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

Tgt Ion:127 Resp: 75435

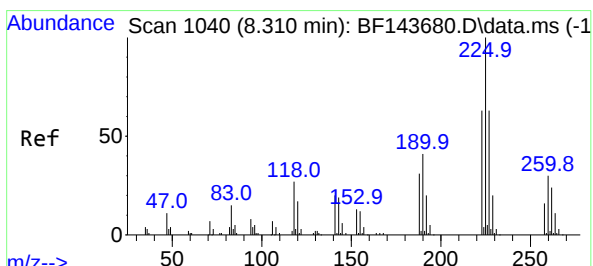
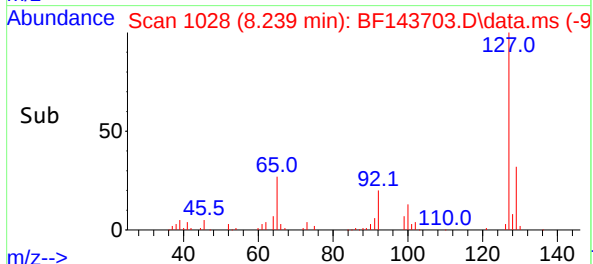
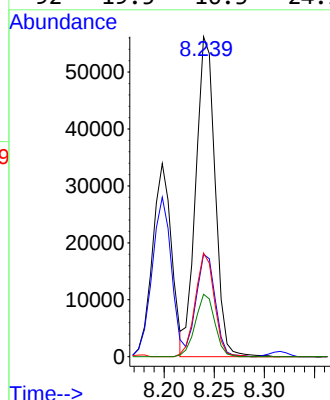
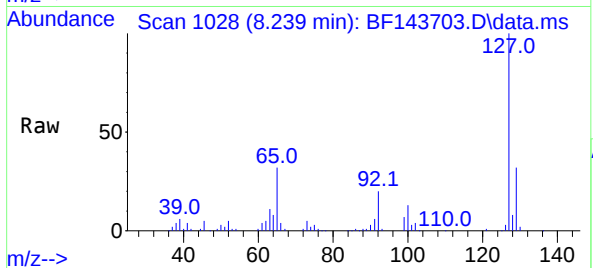
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 32.4 24.6 36.8

92 19.5 16.3 24.5



#34

Hexachlorobutadiene

Concen: 45.403 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

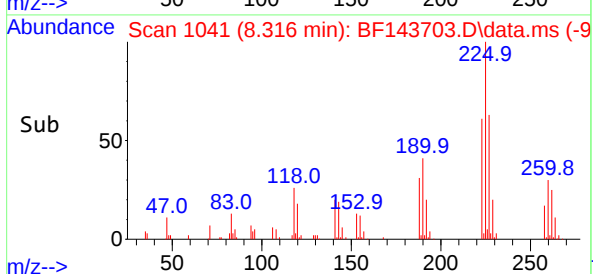
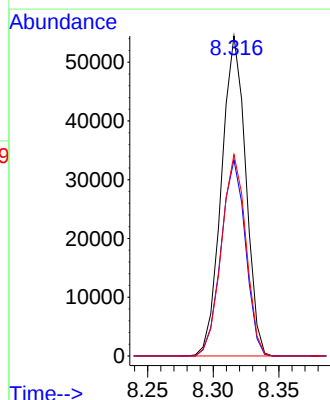
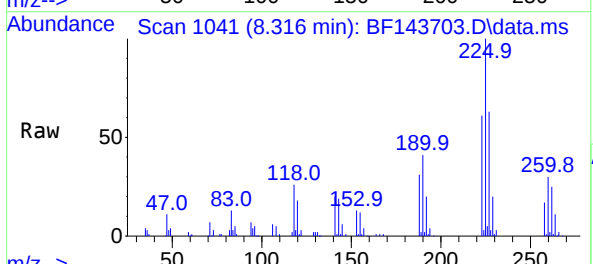
Tgt Ion:225 Resp: 69978

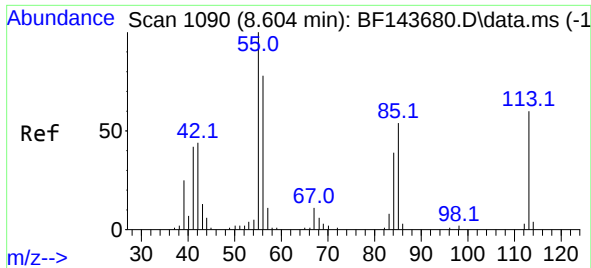
Ion Ratio Lower Upper

225 100

223 61.3 50.6 76.0

227 63.0 50.8 76.2

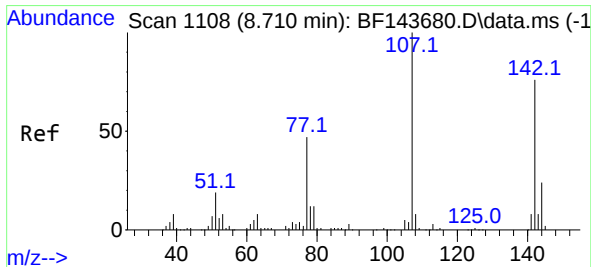
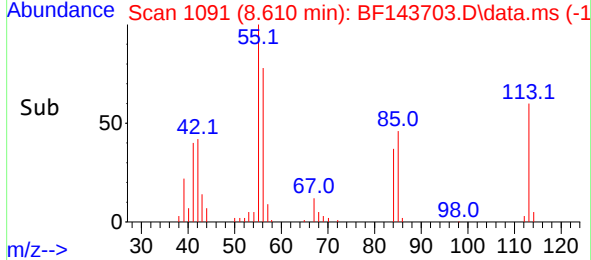
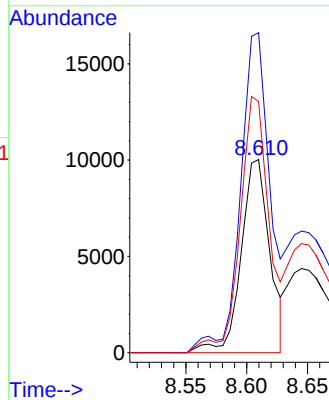
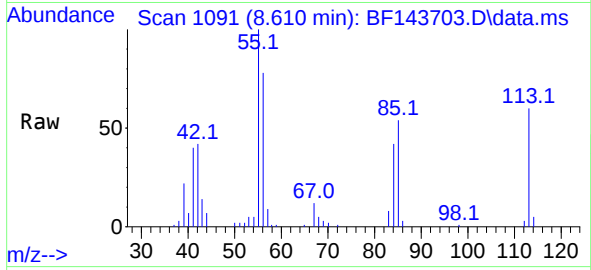




#35
Caprolactam
Concen: 26.981 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

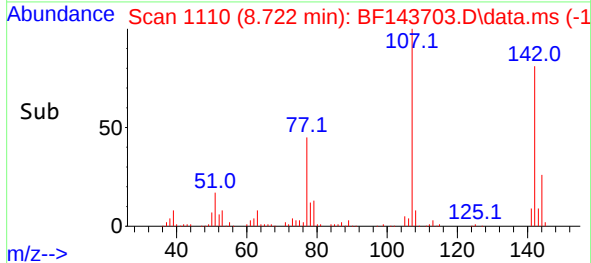
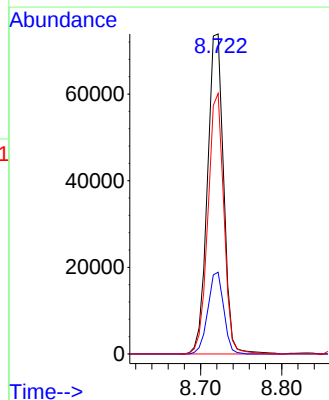
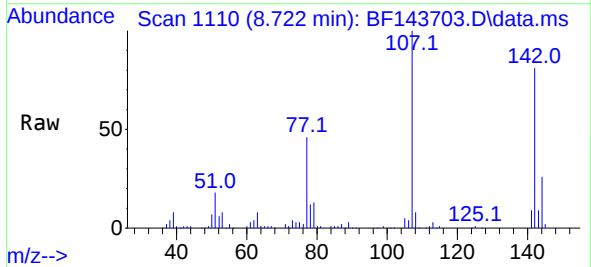
Instrument :
BNA_F
ClientSampleId :
PB169649BS

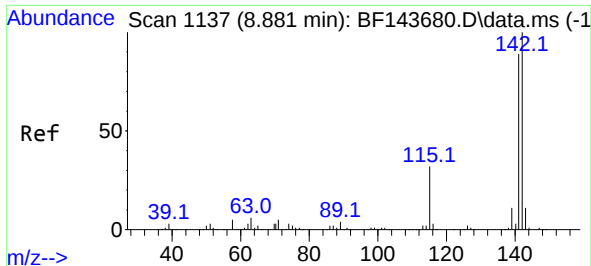
Tgt Ion:113 Resp: 16379
Ion Ratio Lower Upper
113 100
55 165.7 148.9 188.9
56 130.0 112.8 152.8



#36
4-Chloro-3-methylphenol
Concen: 45.525 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:107 Resp: 102384
Ion Ratio Lower Upper
107 100
144 25.6 19.4 29.2
142 81.4 60.6 91.0

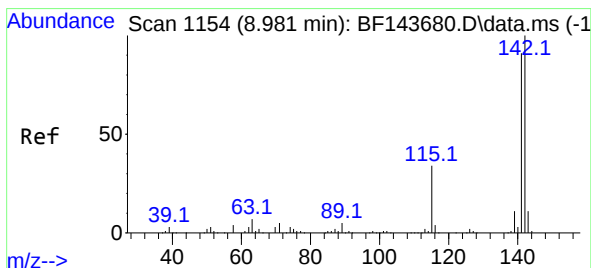
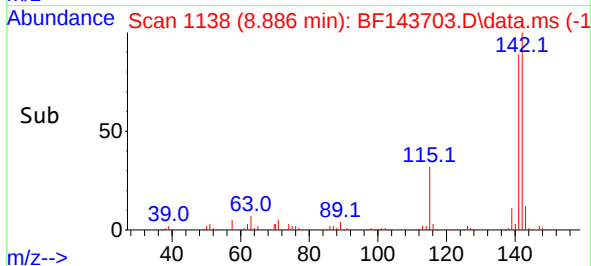
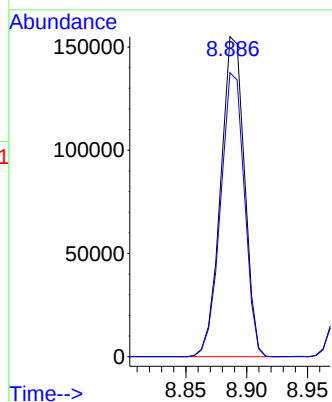
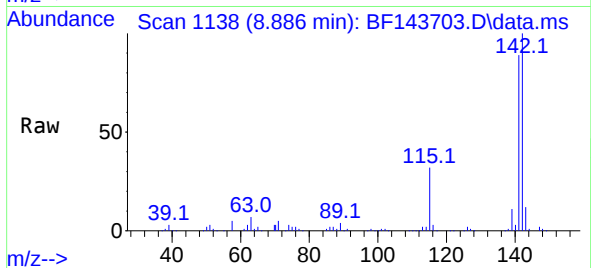




#37
2-Methylnaphthalene
Concen: 40.368 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

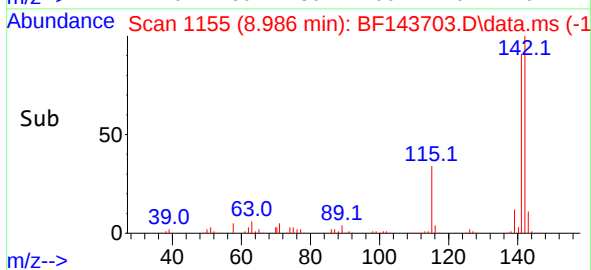
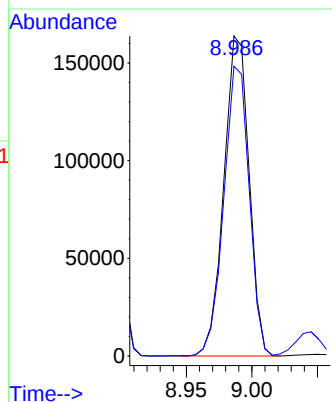
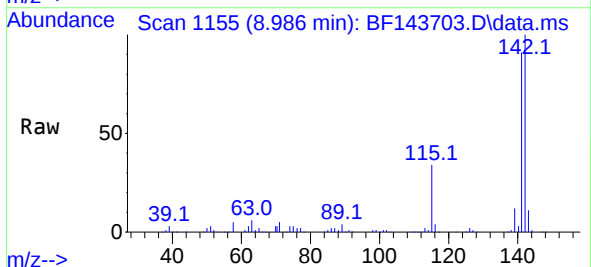
Instrument :
BNA_F
ClientSampleId :
PB169649BS

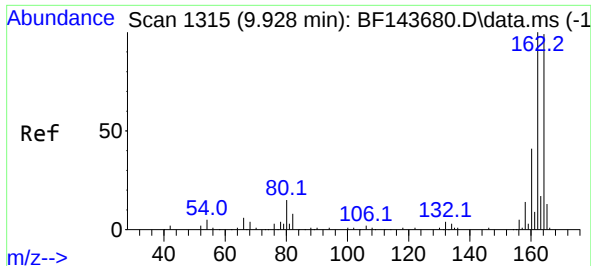
Tgt Ion:142 Resp: 210801
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#38
1-Methylnaphthalene
Concen: 43.782 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:142 Resp: 219412
Ion Ratio Lower Upper
142 100
141 90.5 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

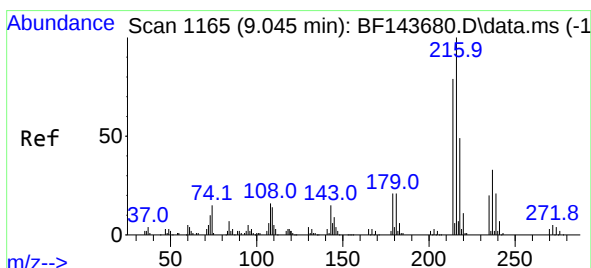
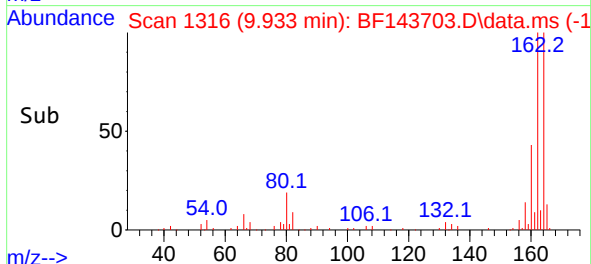
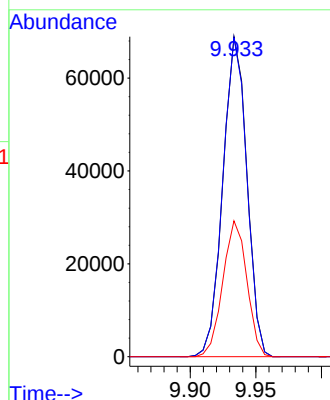
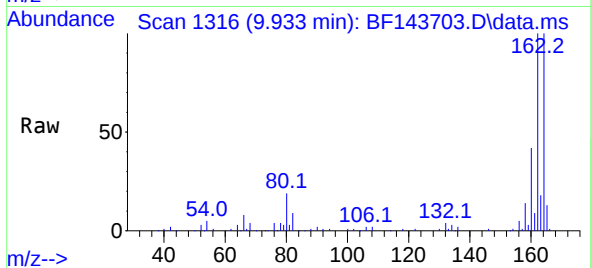
Tgt Ion:164 Resp: 87739

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 42.5 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.785 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Tgt Ion:216 Resp: 112492

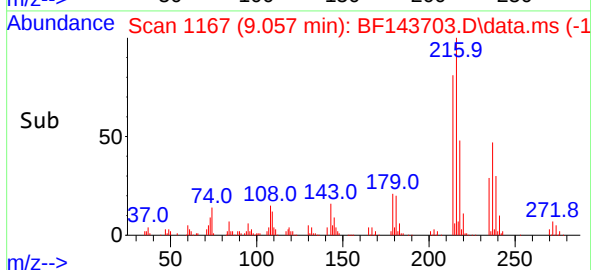
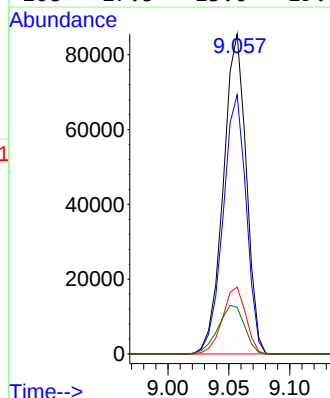
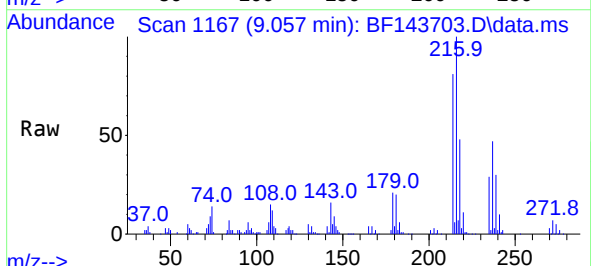
Ion Ratio Lower Upper

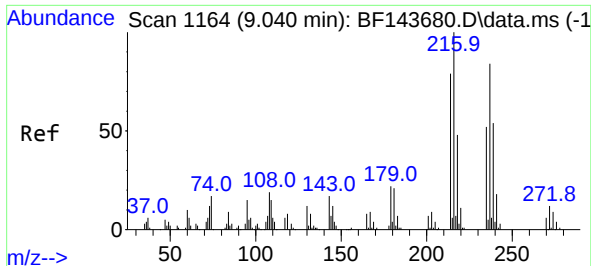
216 100

214 81.5 63.2 94.8

179 21.2 16.8 25.2

108 17.5 13.0 19.6

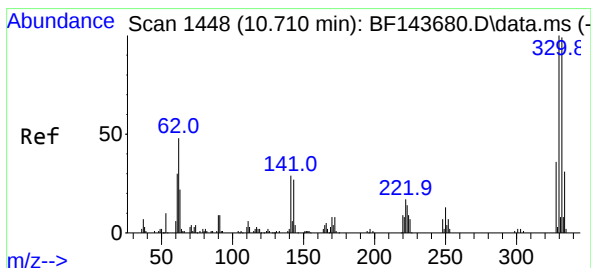
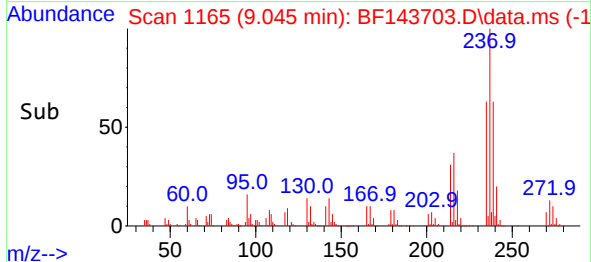
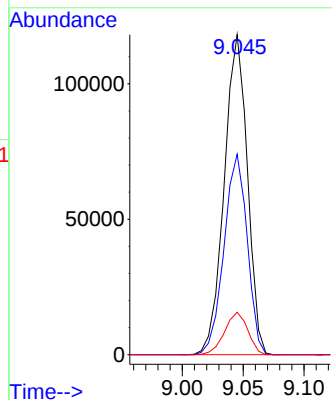
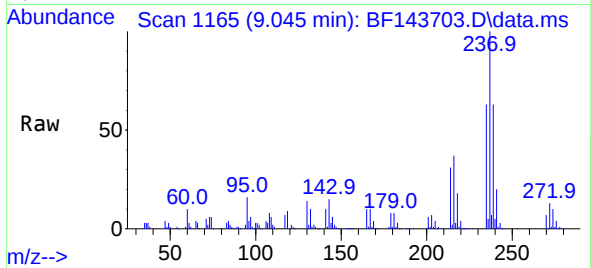




#41
Hexachlorocyclopentadiene
Concen: 121.163 ng
RT: 9.045 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

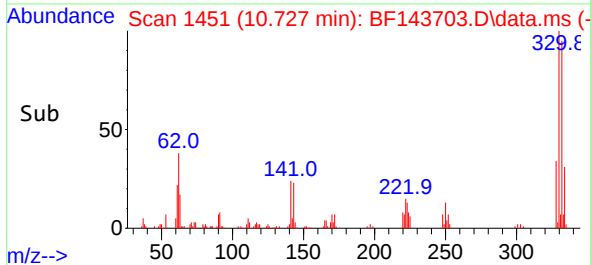
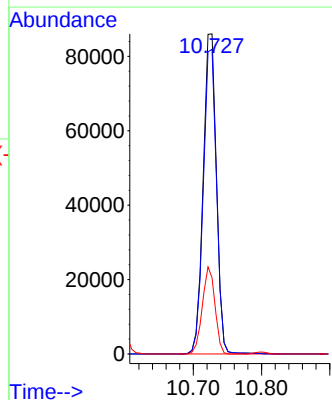
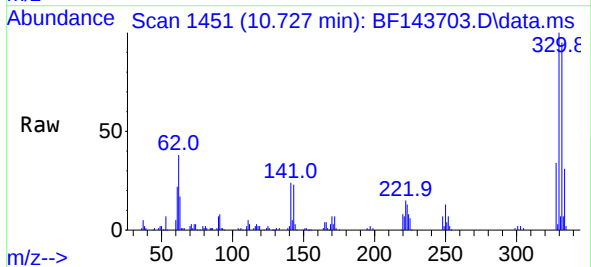
Instrument :
BNA_F
ClientSampleId :
PB169649BS

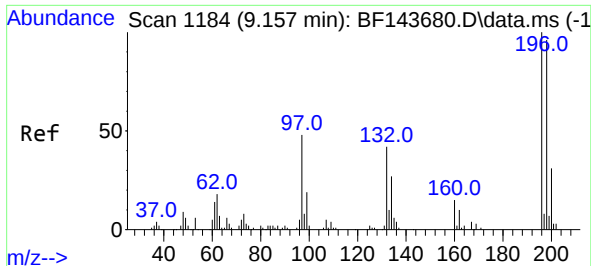
Tgt Ion:237 Resp: 156247
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.3 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 131.675 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:330 Resp: 116429
Ion Ratio Lower Upper
330 100
332 95.0 79.2 118.8
141 25.8 22.2 33.4

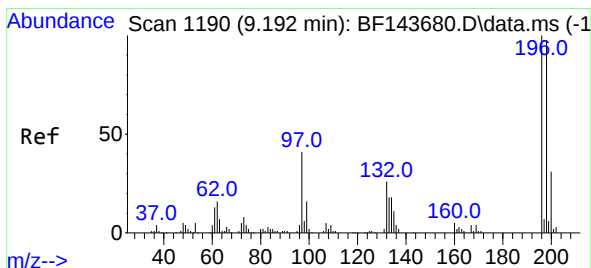
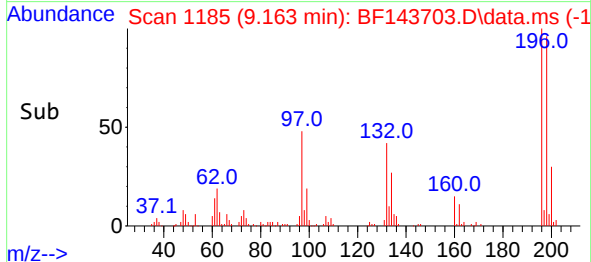
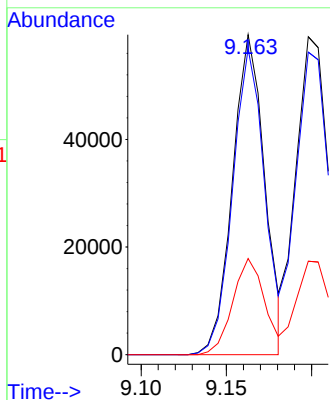
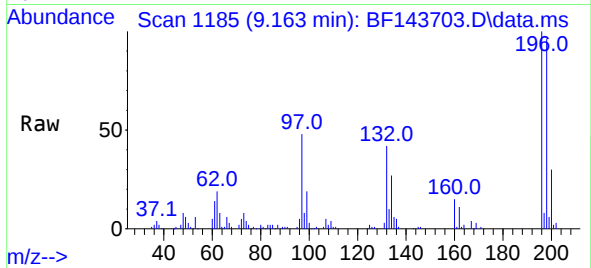




#43
2,4,6-Trichlorophenol
Concen: 46.602 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

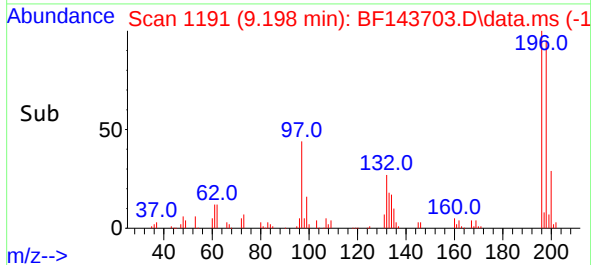
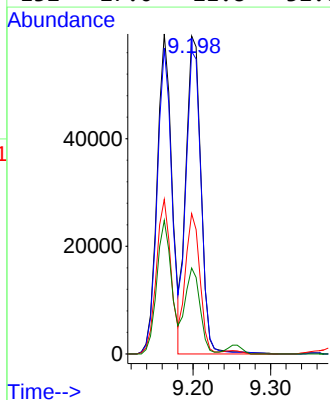
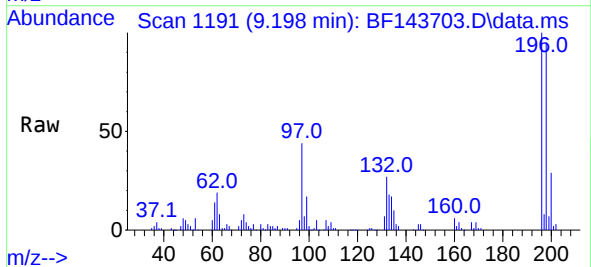
Instrument :
BNA_F
ClientSampleId :
PB169649BS

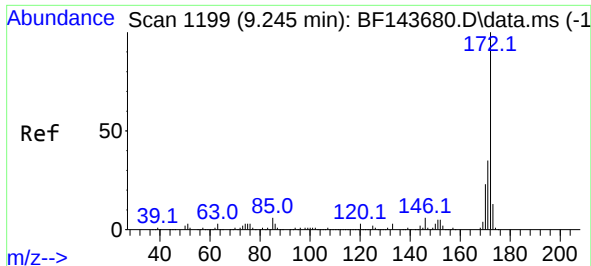
Tgt Ion:196 Resp: 78163
Ion Ratio Lower Upper
196 100
198 95.6 76.5 114.7
200 30.1 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 46.991 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:196 Resp: 80125
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.6
97 44.1 34.2 51.4
132 27.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 85.516 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

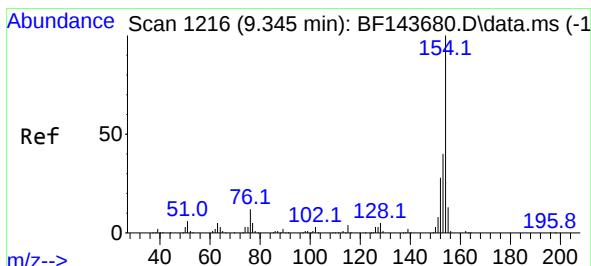
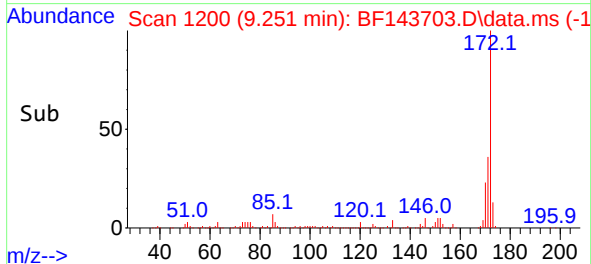
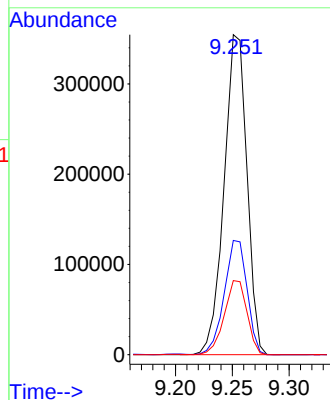
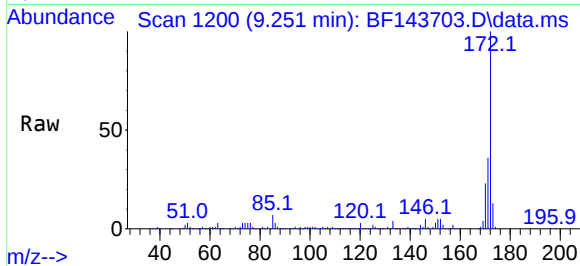
Tgt Ion:172 Resp: 496689

Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.263 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.011 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

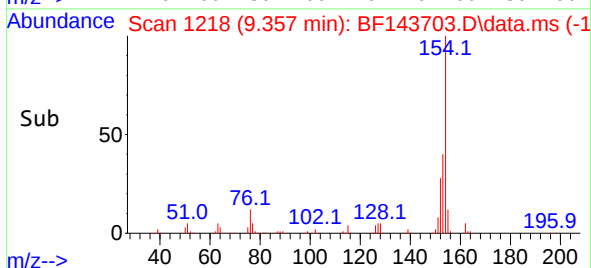
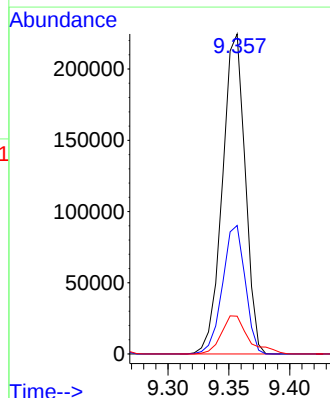
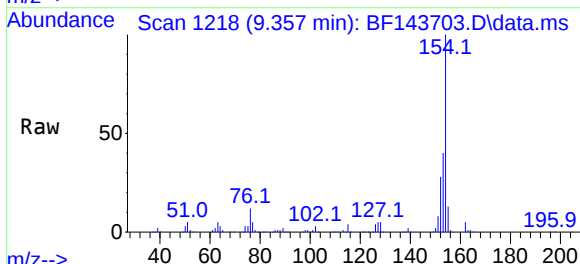
Tgt Ion:154 Resp: 292219

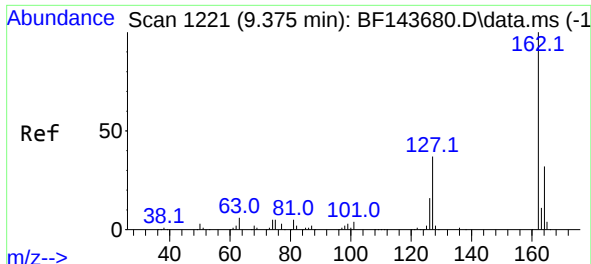
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 11.8 0.0 31.6





#47

2-Chloronaphthalene

Concen: 44.469 ng

RT: 9.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

Instrument :

BNA_F

ClientSampleId :

PB169649BS

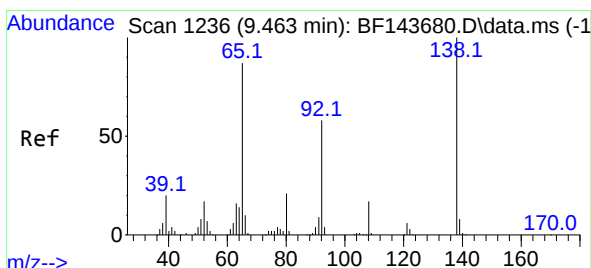
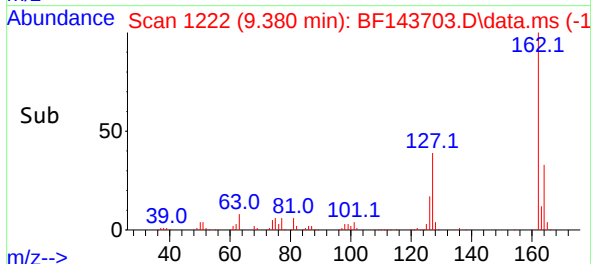
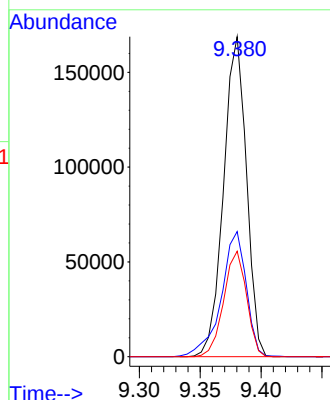
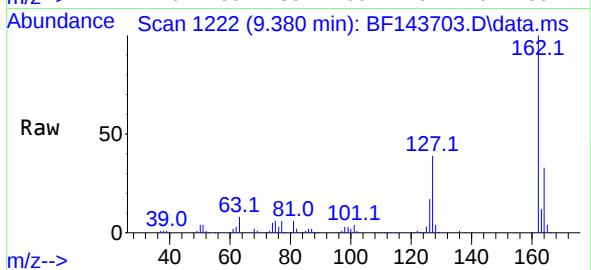
Tgt Ion:162 Resp: 220204

Ion Ratio Lower Upper

162 100

127 39.1 30.6 45.8

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 45.792 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143703.D

Acq: 11 Sep 2025 13:29

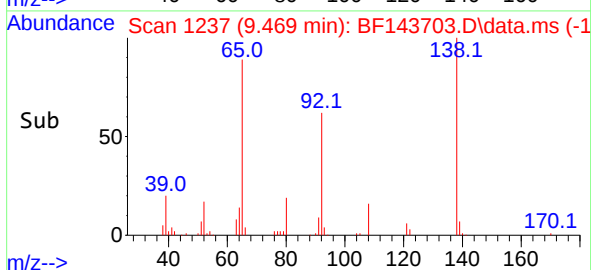
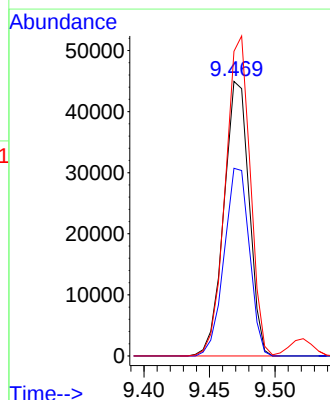
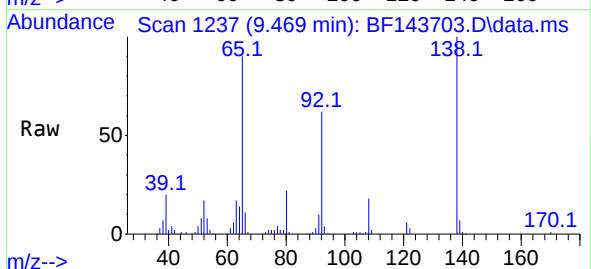
Tgt Ion: 65 Resp: 60008

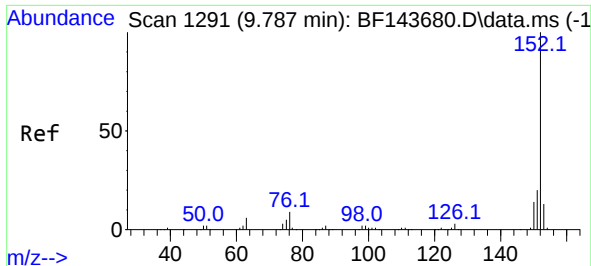
Ion Ratio Lower Upper

65 100

92 68.3 53.3 79.9

138 110.9 92.1 138.1

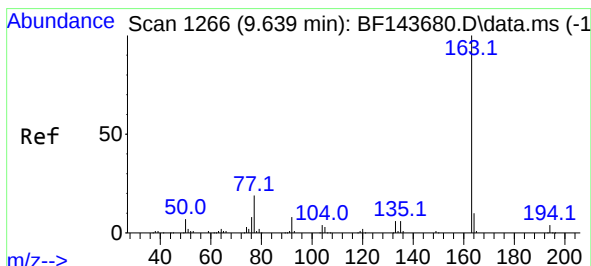
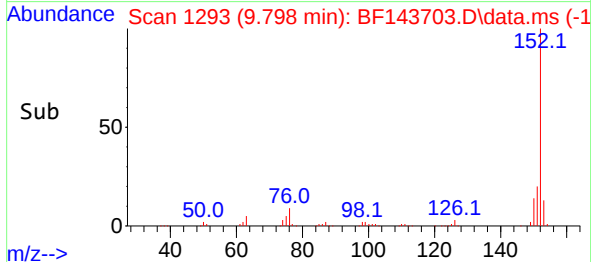
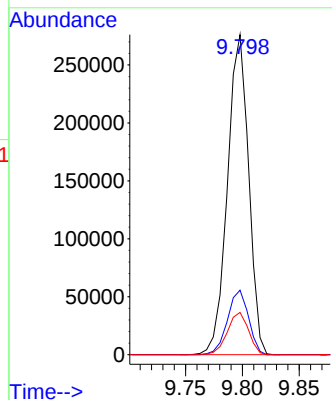
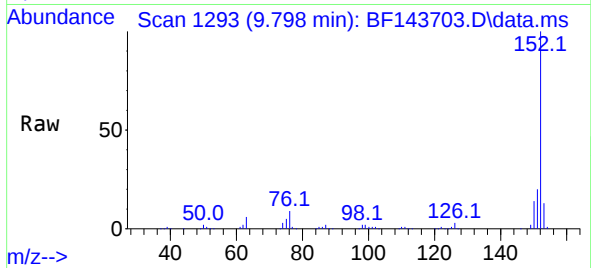




#49
Acenaphthylene
Concen: 50.444 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

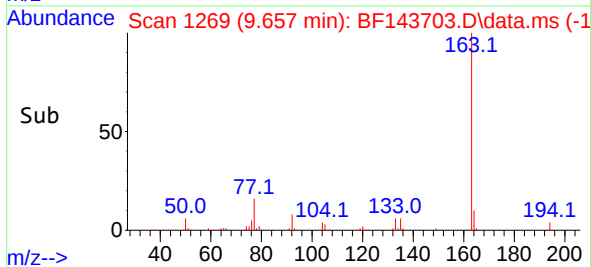
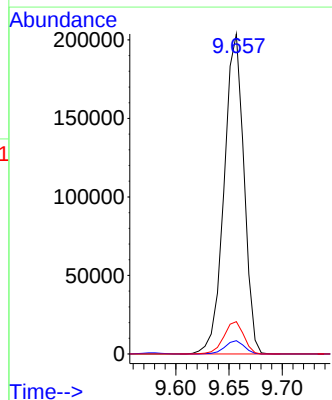
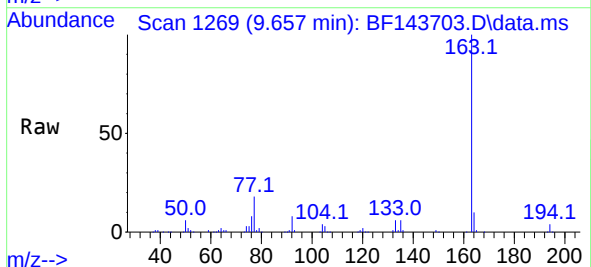
Instrument :
BNA_F
ClientSampleId :
PB169649BS

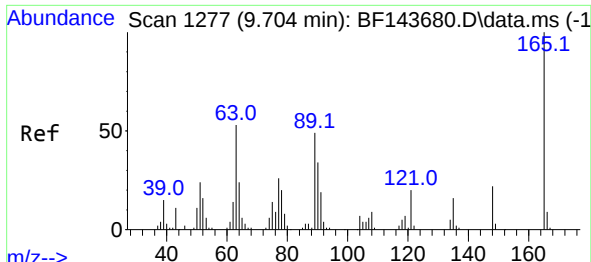
Tgt Ion:152 Resp: 357813
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 46.109 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:163 Resp: 263218
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.0 12.0

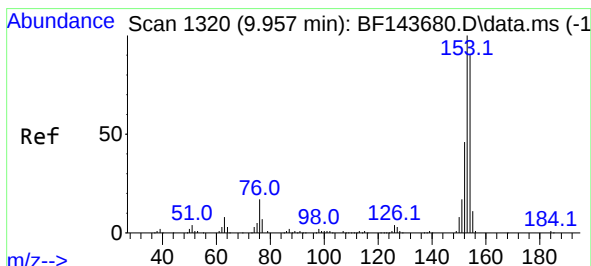
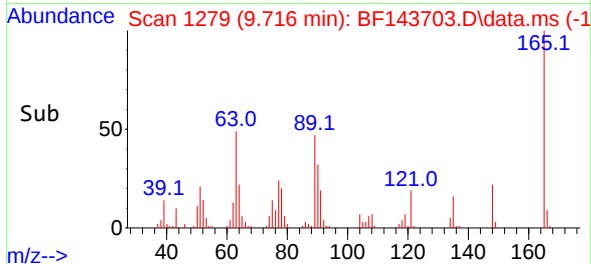
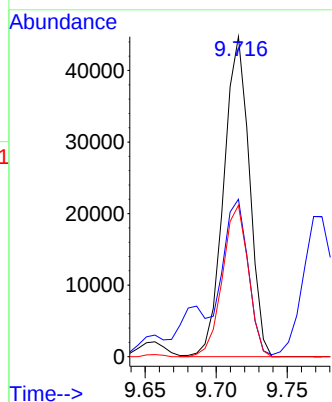
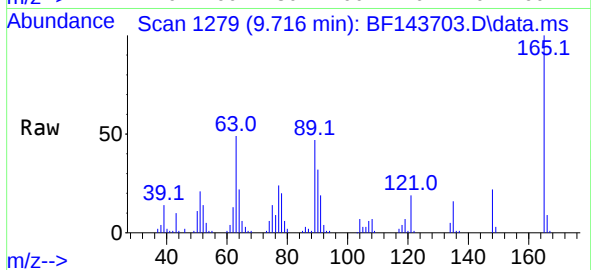




#51
2,6-Dinitrotoluene
Concen: 51.406 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

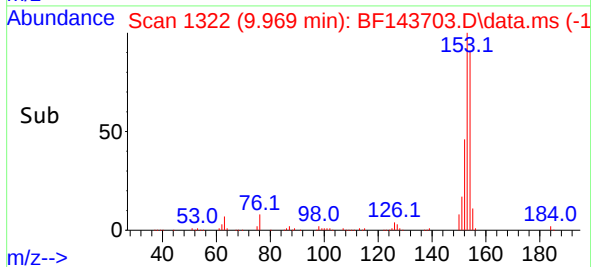
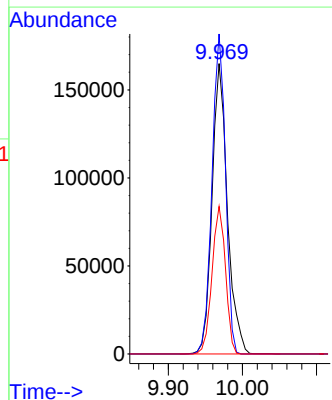
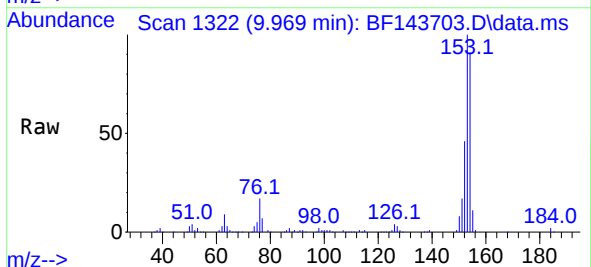
Instrument :
BNA_F
ClientSampleId :
PB169649BS

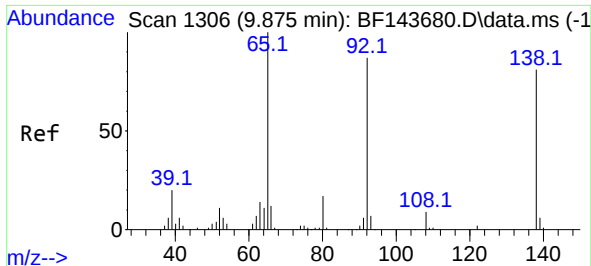
Tgt Ion:165 Resp: 56108
Ion Ratio Lower Upper
165 100
63 49.2 42.2 63.4
89 47.3 39.3 58.9



#52
Acenaphthene
Concen: 48.551 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

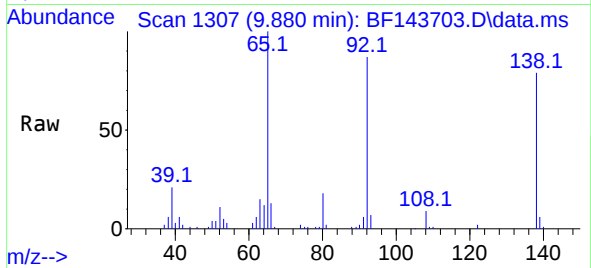
Tgt Ion:154 Resp: 237313
Ion Ratio Lower Upper
154 100
153 110.2 89.4 134.0
152 50.8 41.2 61.8



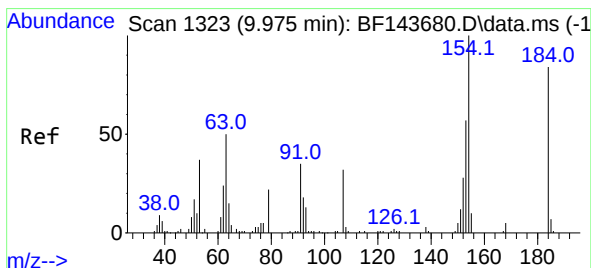
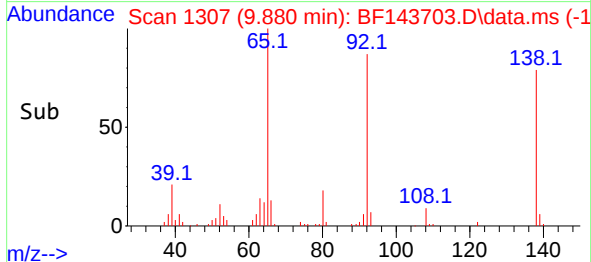
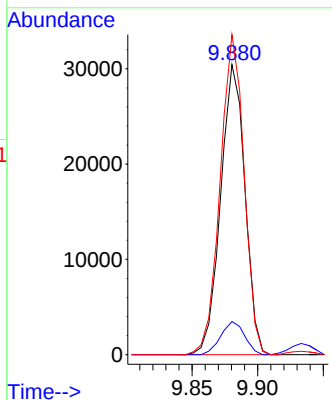


#53
3-Nitroaniline
Concen: 33.310 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

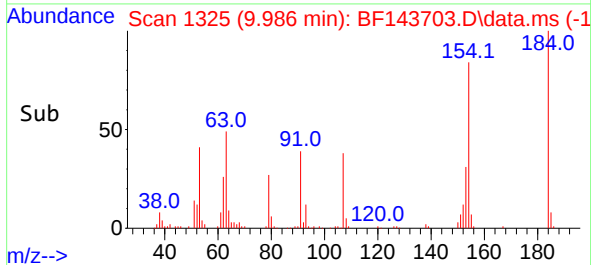
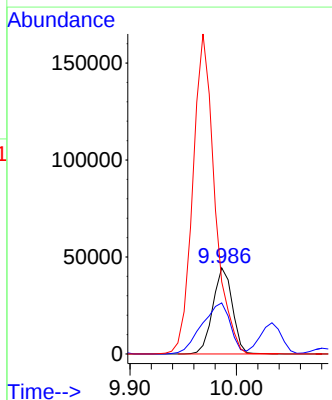
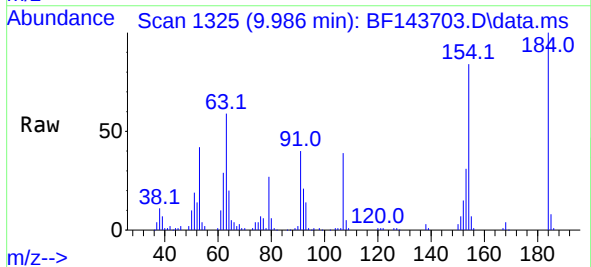


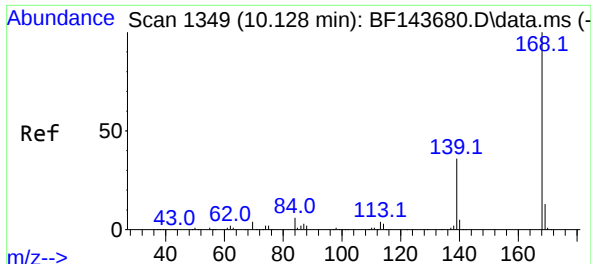
Tgt Ion:138 Resp: 39126
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 110.3 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 95.172 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:184 Resp: 56553
Ion Ratio Lower Upper
184 100
63 59.4 52.7 79.1
154 83.8 136.6 204.8#

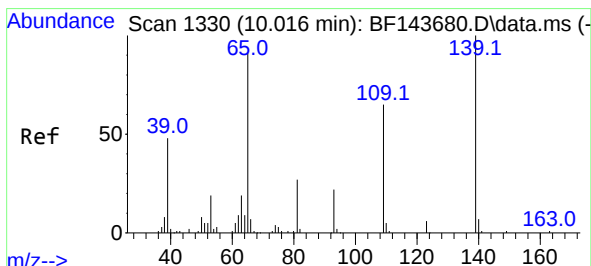
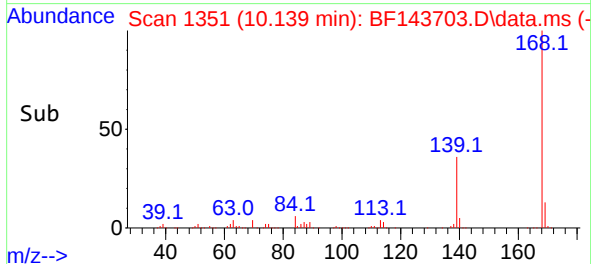
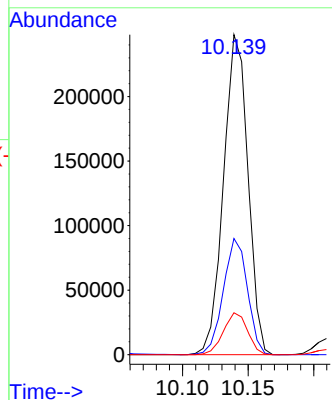
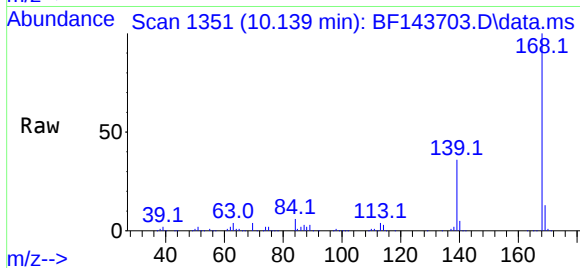




#55
Dibenzenofuran
Concen: 45.643 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

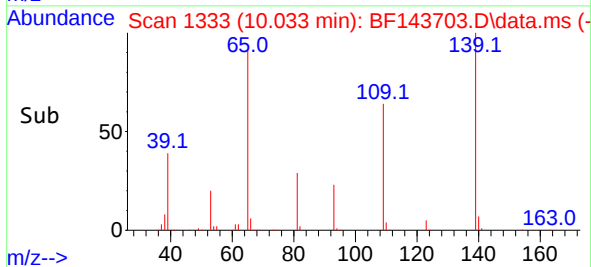
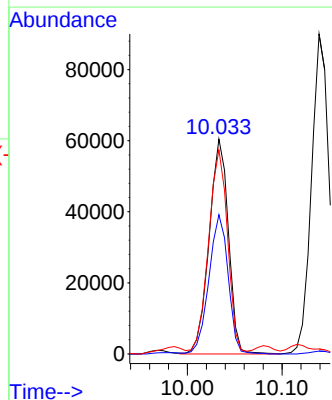
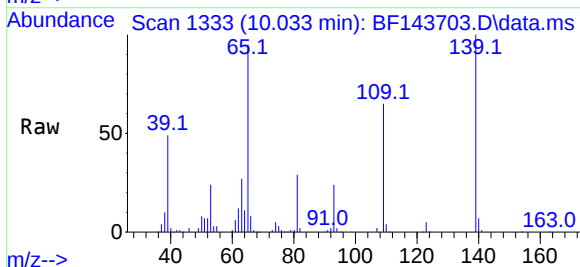
Instrument :
BNA_F
ClientSampleId :
PB169649BS

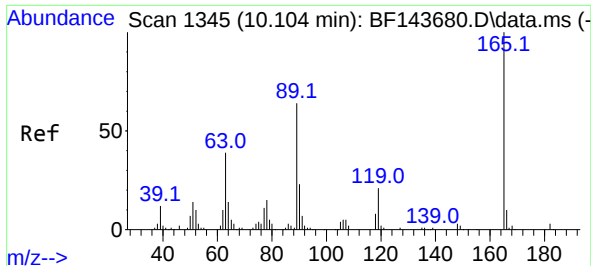
Tgt Ion:168 Resp: 320805
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 91.579 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:139 Resp: 85578
Ion Ratio Lower Upper
139 100
109 64.8 45.2 85.2
65 95.0 72.1 112.1

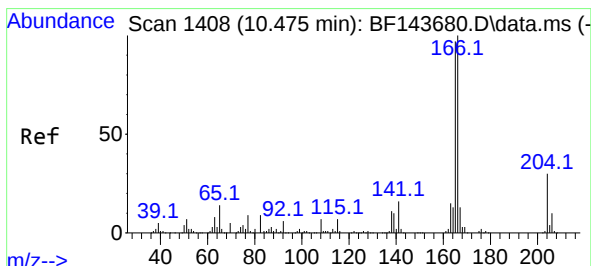
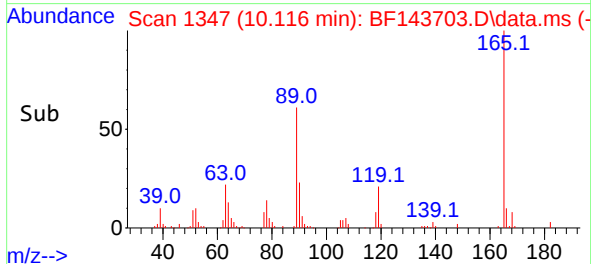
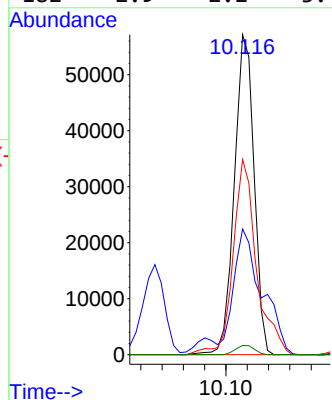
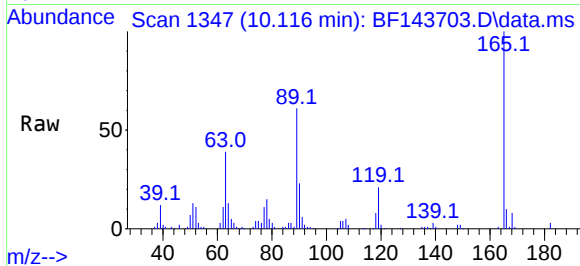




#57
2,4-Dinitrotoluene
Concen: 49.522 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

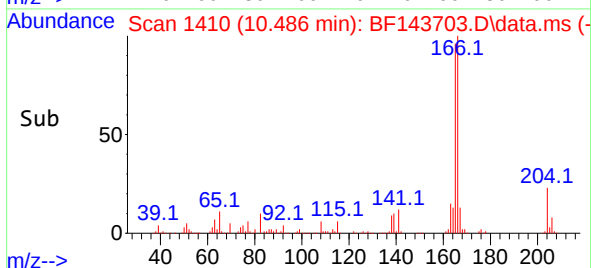
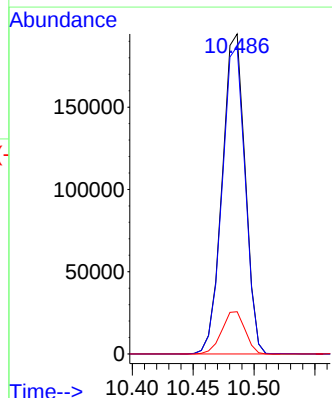
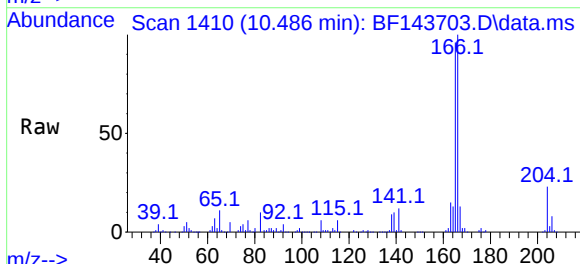
Instrument :
BNA_F
ClientSampleId :
PB169649BS

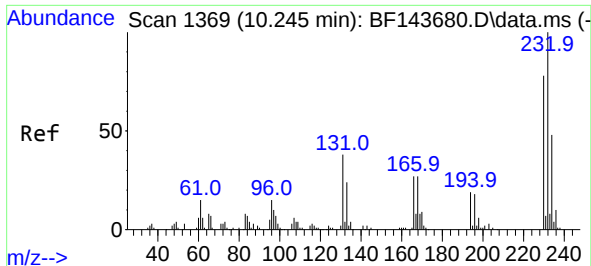
Tgt Ion:	165	Resp:	73564
Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.5	47.3
89	61.0	51.3	76.9
182	2.9	2.2	3.4



#58
Fluorene
Concen: 46.278 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:	166	Resp:	254614
Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.5	116.3
167	13.2	10.2	15.2

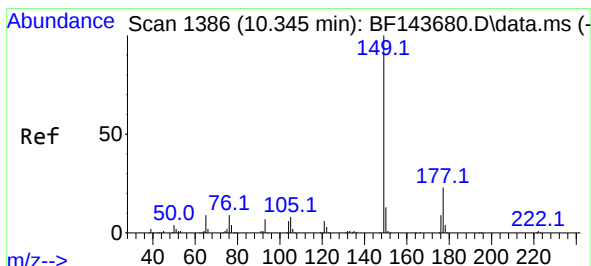
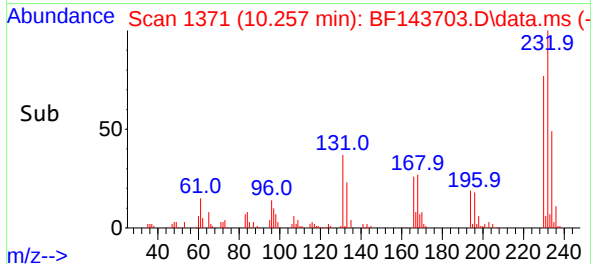
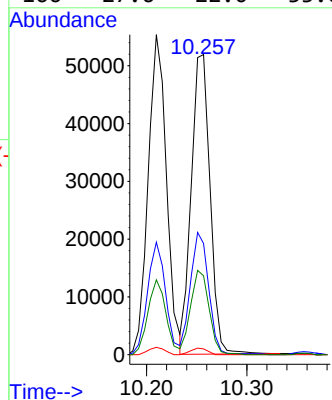
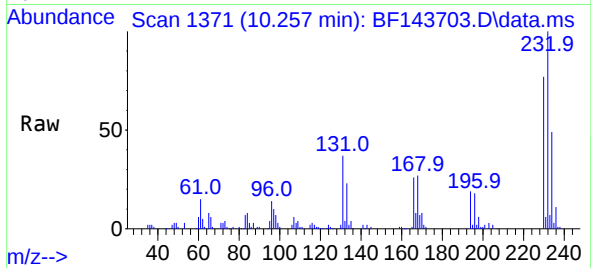




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.846 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

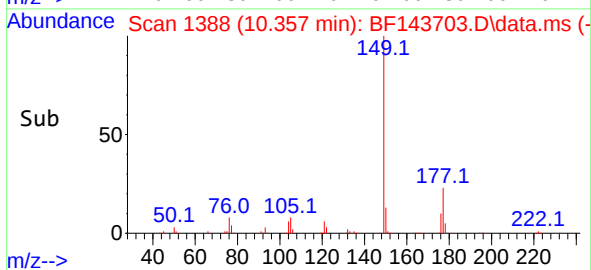
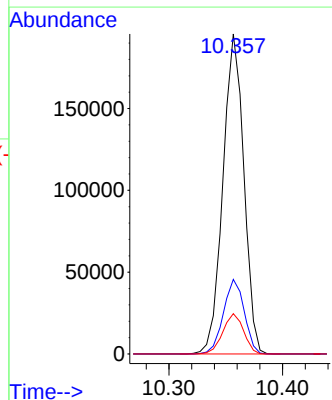
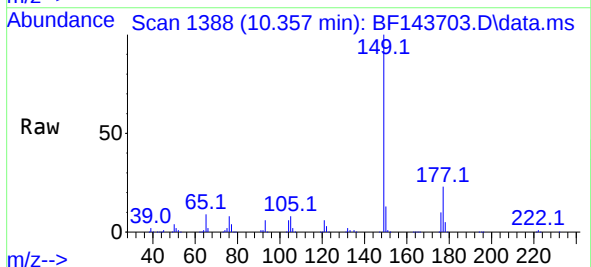
Instrument :
BNA_F
ClientSampleId :
PB169649BS

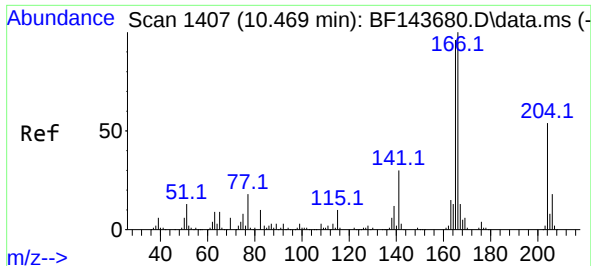
Tgt Ion:232 Resp: 67535
Ion Ratio Lower Upper
232 100
131 38.8 31.9 47.9
130 1.9 1.4 2.0
166 27.6 22.0 33.0



#60
Diethylphthalate
Concen: 46.707 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:149 Resp: 250321
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.6 10.0 15.0

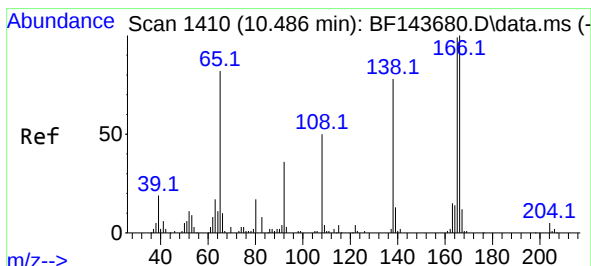
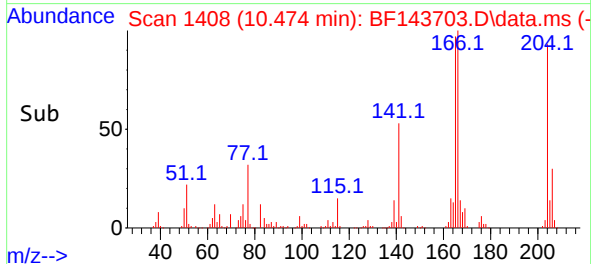
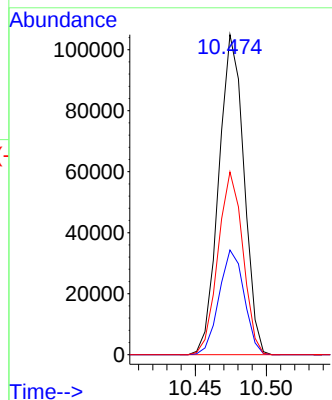
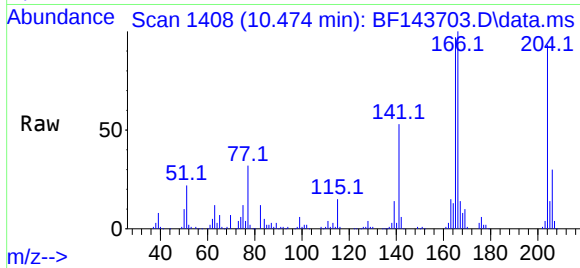




#61
4-Chlorophenyl-phenylether
Concen: 46.314 ng
RT: 10.474 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

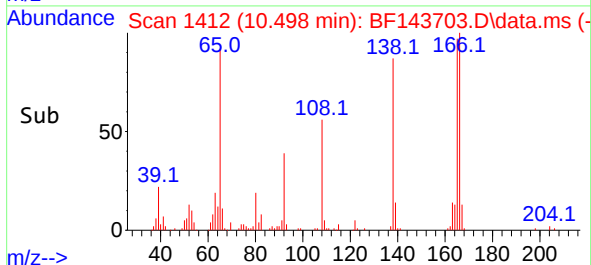
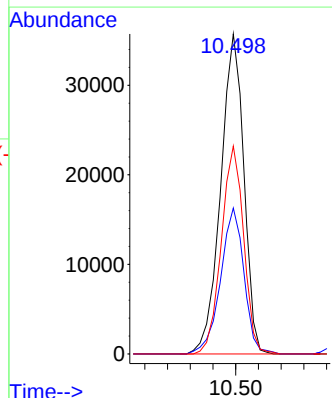
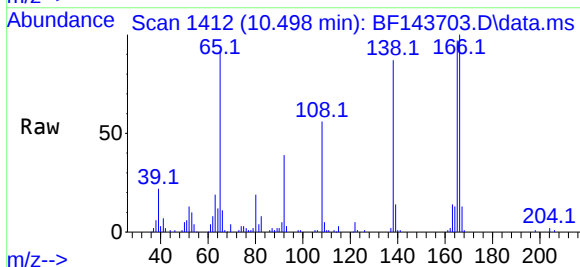
Instrument :
BNA_F
ClientSampleId :
PB169649BS

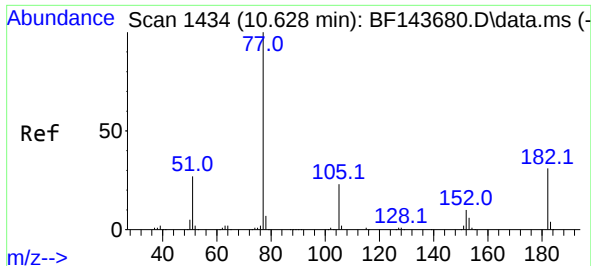
Tgt Ion:204 Resp: 129231
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 57.1 44.8 67.2



#62
4-Nitroaniline
Concen: 45.458 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:138 Resp: 50571
Ion Ratio Lower Upper
138 100
92 45.6 26.4 66.4
108 64.9 44.3 84.3



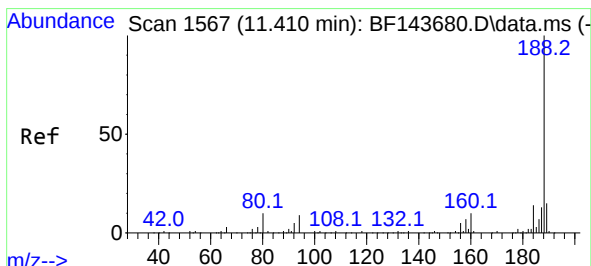
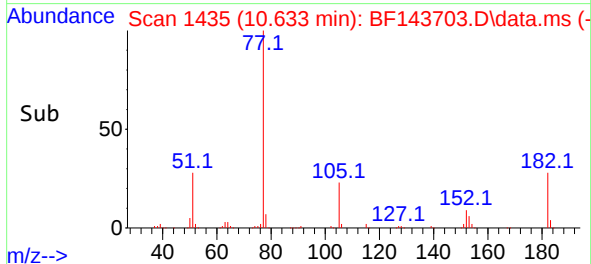
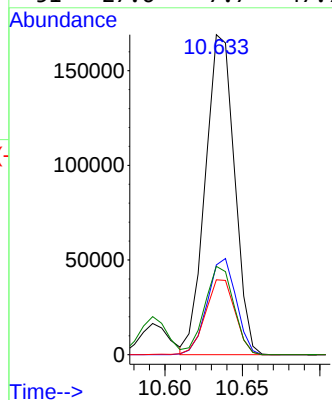
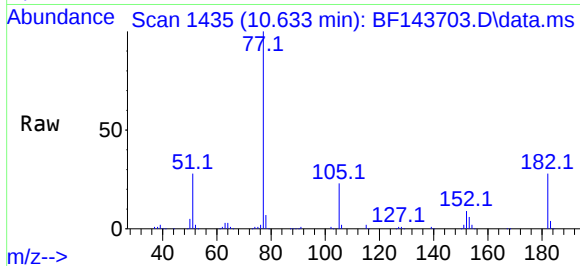


#63
Azobenzene
Concen: 46.727 ng
RT: 10.633 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

Tgt Ion: 77 Resp: 221391

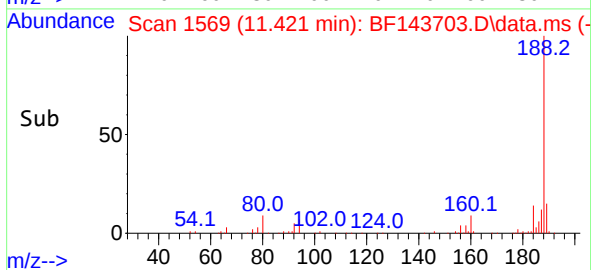
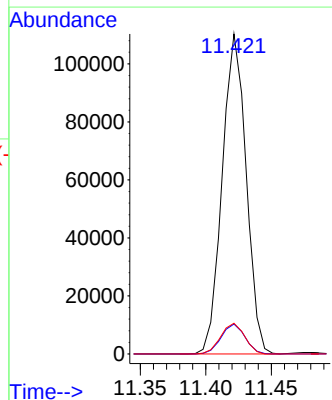
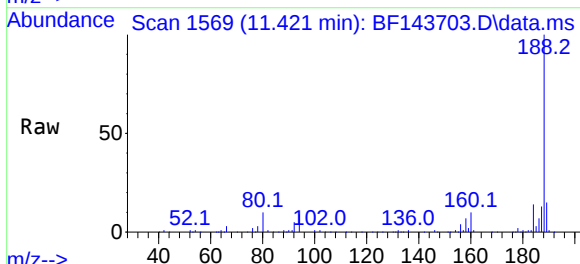
Ion	Ratio	Lower	Upper
77	100		
182	28.0	10.8	50.8
105	23.4	3.2	43.2
51	27.6	7.7	47.7

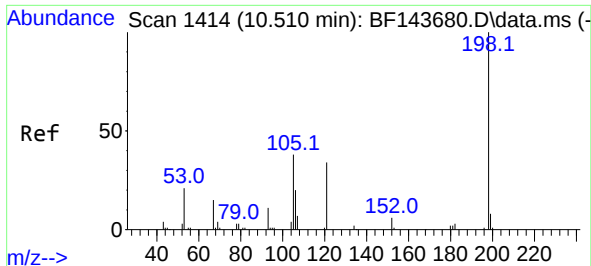


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion: 188 Resp: 139957

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.0
80	9.6	7.7	11.5

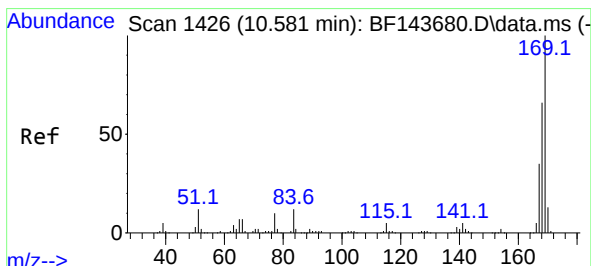
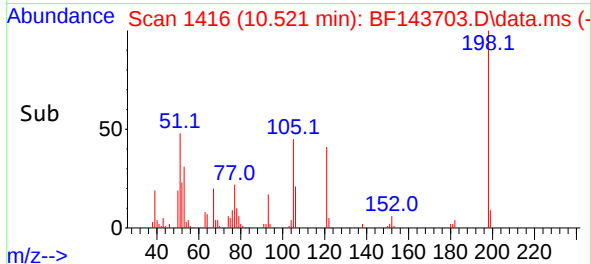
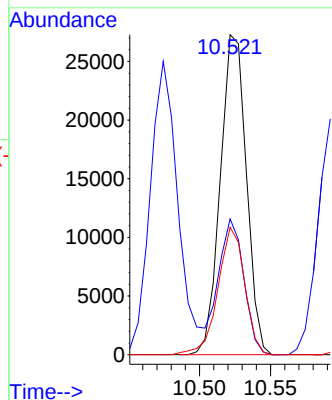
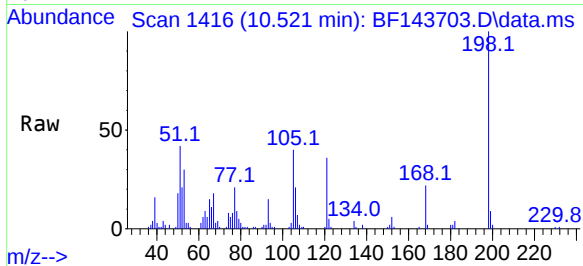




#65
4,6-Dinitro-2-methylphenol
Concen: 48.844 ng
RT: 10.521 min Scan# 1416
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

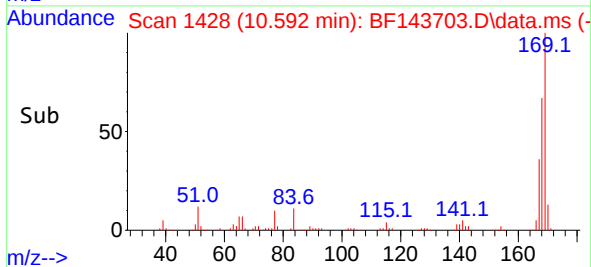
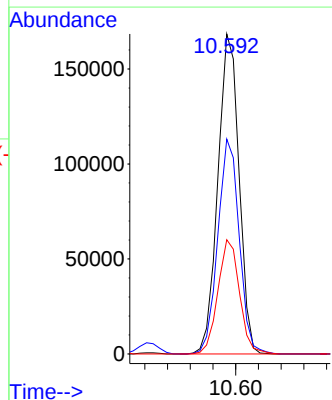
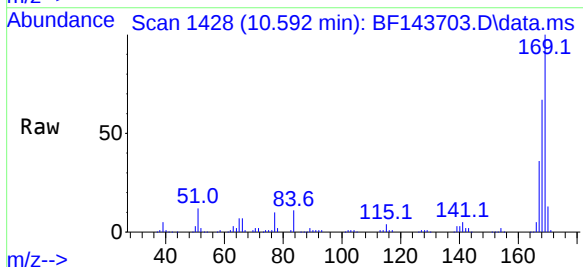
Instrument :
BNA_F
ClientSampleId :
PB169649BS

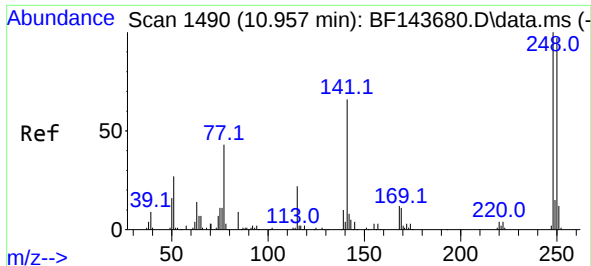
Tgt Ion:198 Resp: 34805
Ion Ratio Lower Upper
198 100
51 42.5 21.2 61.2
105 39.8 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 47.494 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:169 Resp: 217761
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 35.7 28.1 42.1

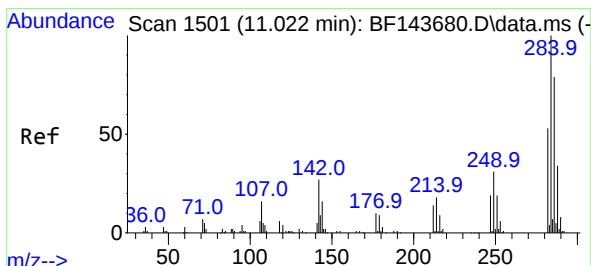
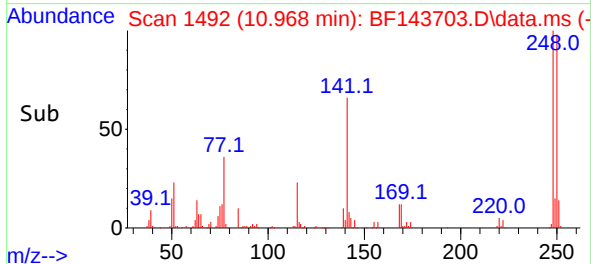
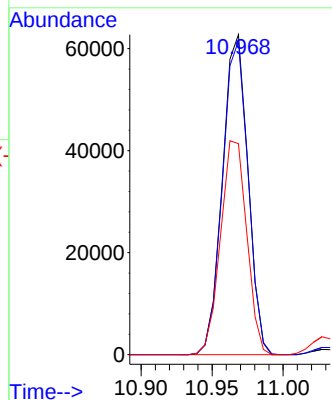
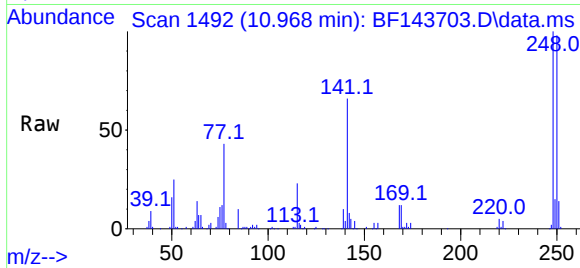




#67
4-Bromophenyl-phenylether
Concen: 46.407 ng
RT: 10.968 min Scan# 1492
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

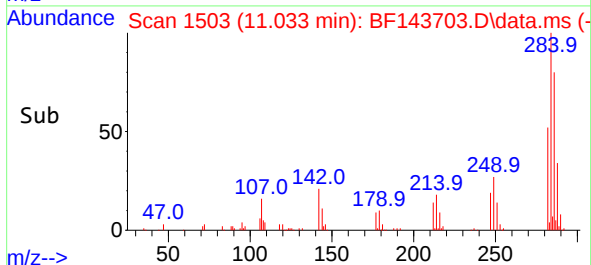
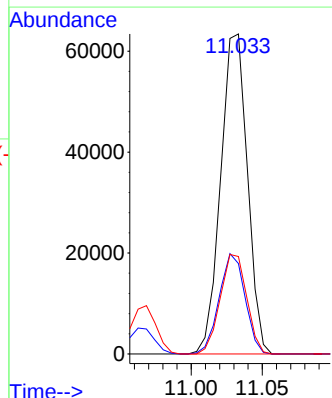
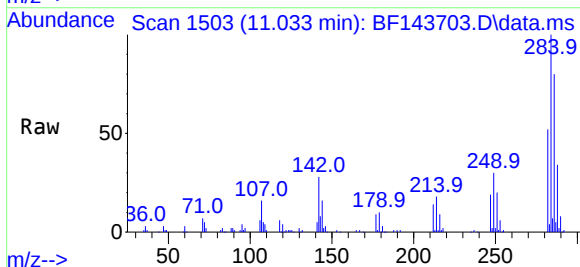
Instrument :
BNA_F
ClientSampleId :
PB169649BS

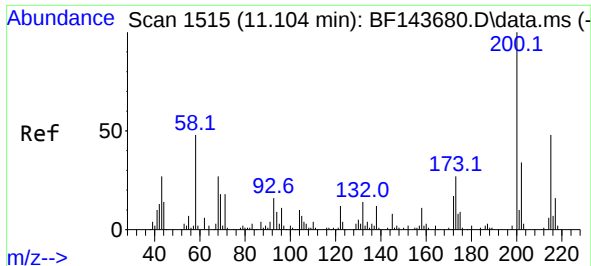
Tgt Ion:248 Resp: 78324
Ion Ratio Lower Upper
248 100
250 98.1 77.5 116.3
141 65.9 52.6 79.0



#68
Hexachlorobenzene
Concen: 46.573 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:284 Resp: 82998
Ion Ratio Lower Upper
284 100
142 28.2 21.3 31.9
249 30.5 25.0 37.4

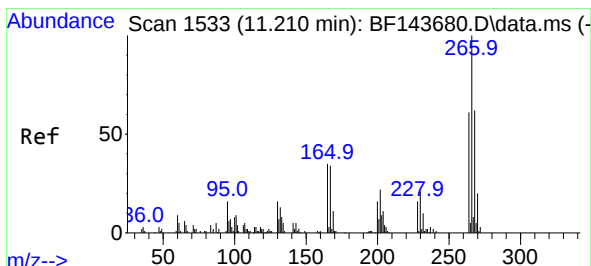
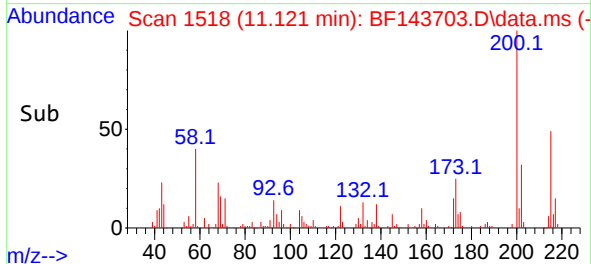
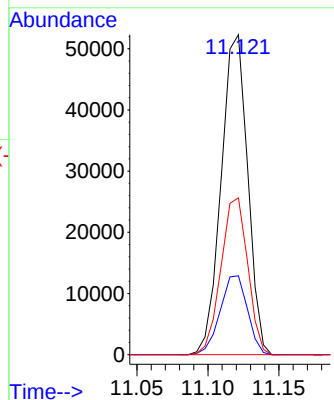
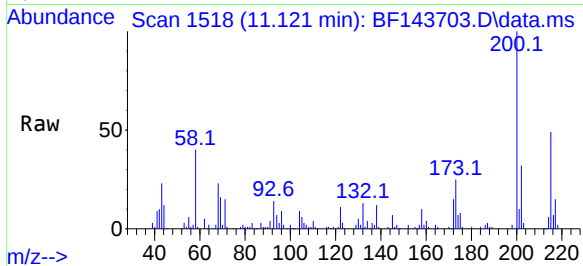




#69
Atrazine
Concen: 47.218 ng
RT: 11.121 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

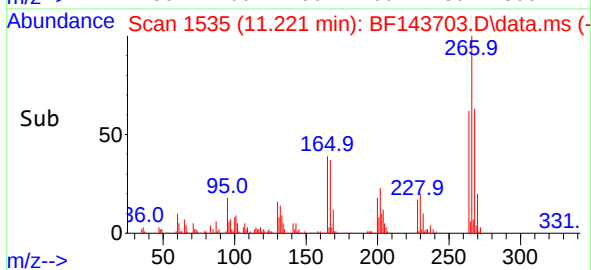
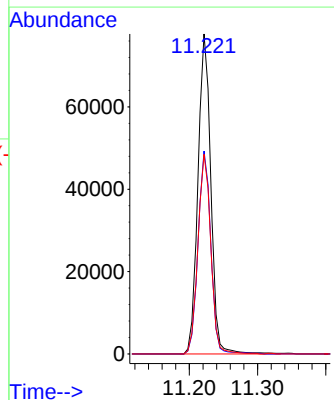
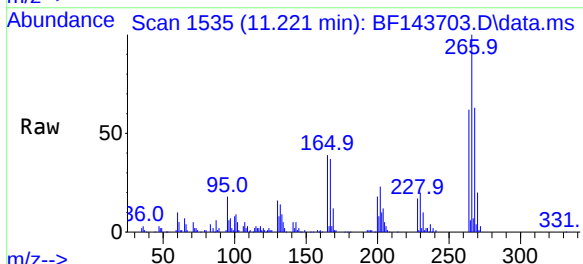
Instrument :
BNA_F
ClientSampleId :
PB169649BS

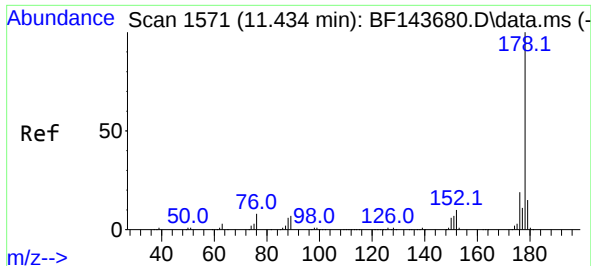
Tgt Ion:200 Resp: 67881
Ion Ratio Lower Upper
200 100
173 24.7 7.3 47.3
215 49.0 28.5 68.5



#70
Pentachlorophenol
Concen: 94.630 ng
RT: 11.221 min Scan# 1535
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

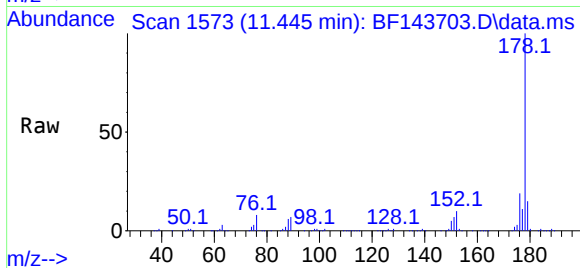
Tgt Ion:266 Resp: 101943
Ion Ratio Lower Upper
266 100
268 63.4 49.2 73.8
264 62.4 48.6 73.0



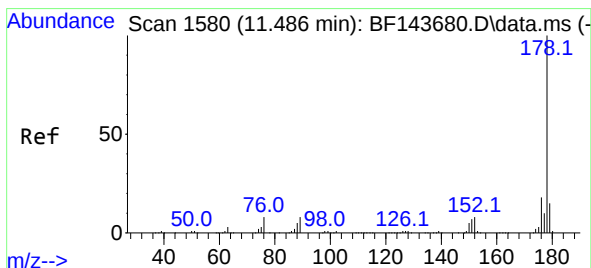
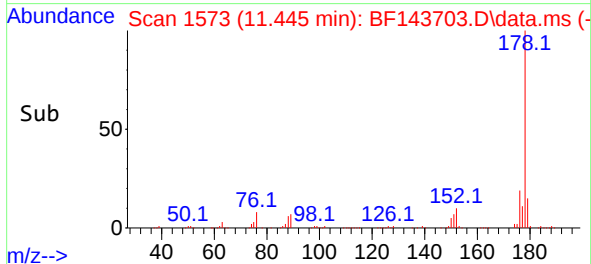
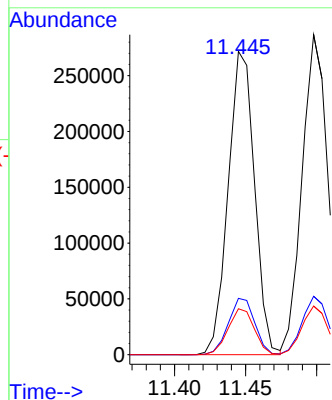


#71
Phenanthrene
Concen: 45.598 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

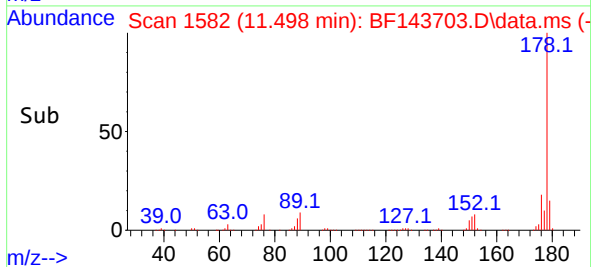
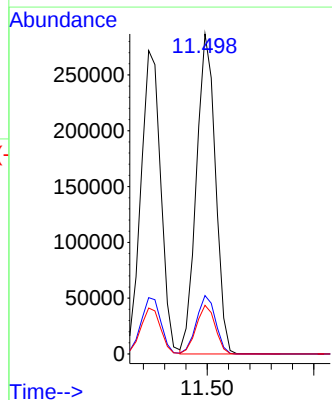
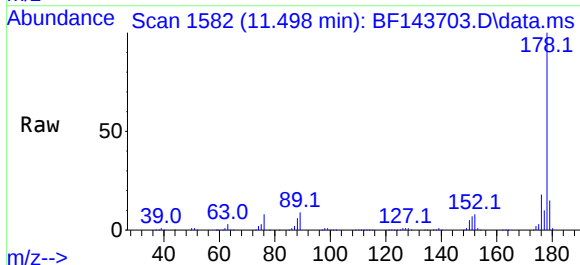


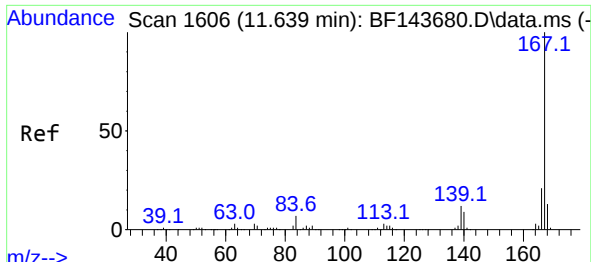
Tgt Ion:178 Resp: 351627
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.1 12.2 18.2



#72
Anthracene
Concen: 46.060 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

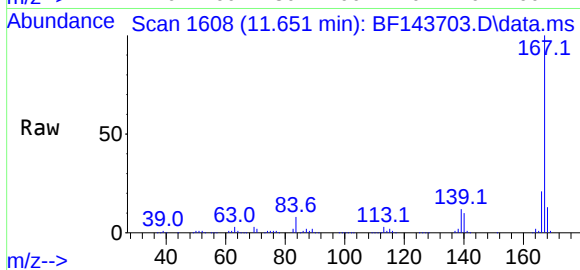
Tgt Ion:178 Resp: 357142
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.2 12.2 18.2



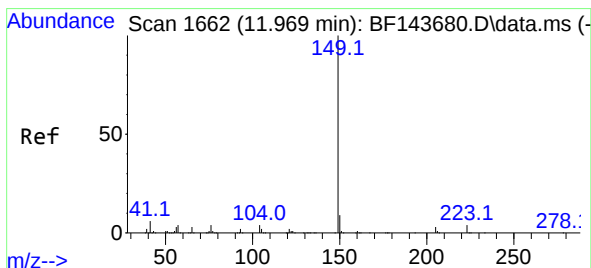
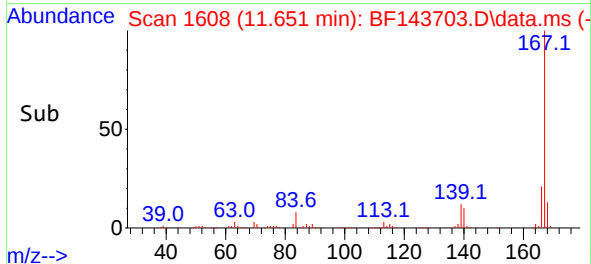
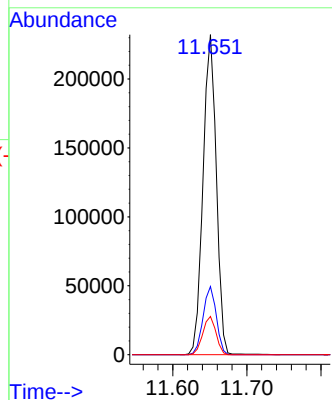


#73
Carbazole
Concen: 45.580 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

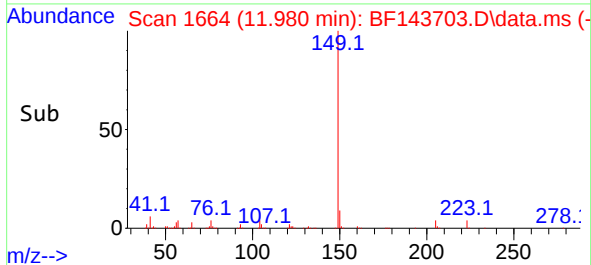
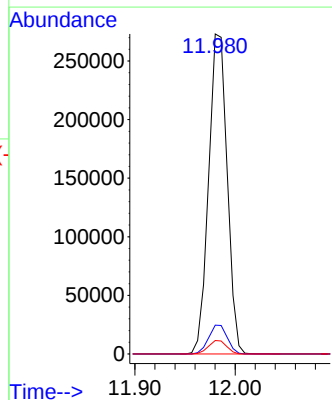
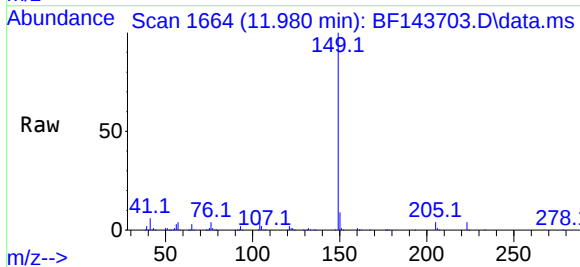


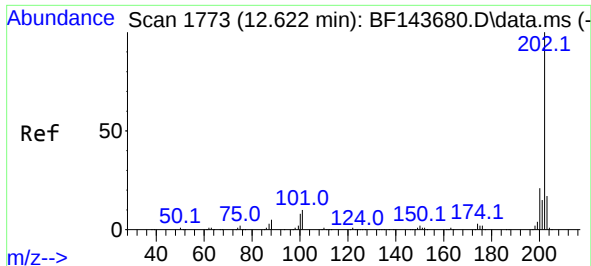
Tgt Ion:167 Resp: 289440
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 11.9 9.7 14.5



#74
Di-n-butylphthalate
Concen: 46.065 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

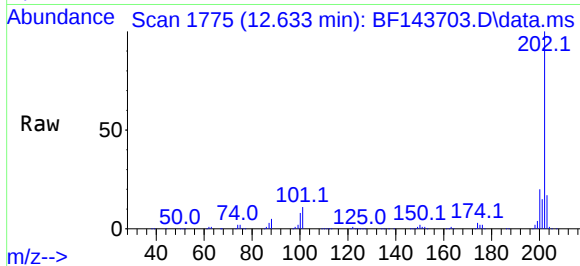
Tgt Ion:149 Resp: 352178
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.2 3.3 4.9



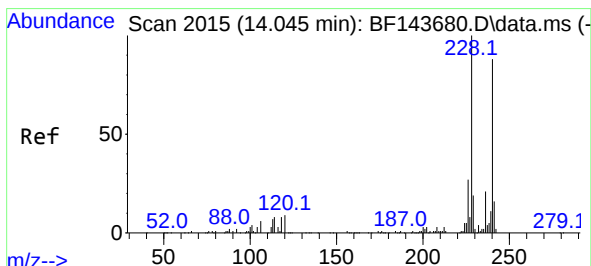
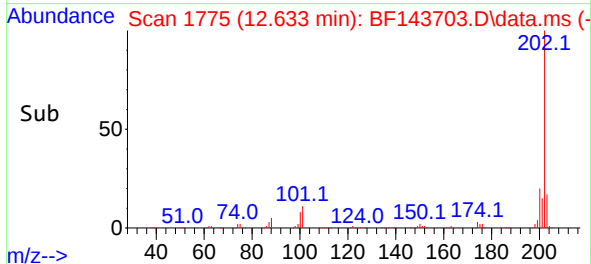
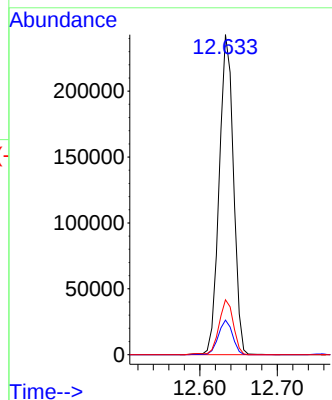


#75
Fluoranthene
Concen: 43.791 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

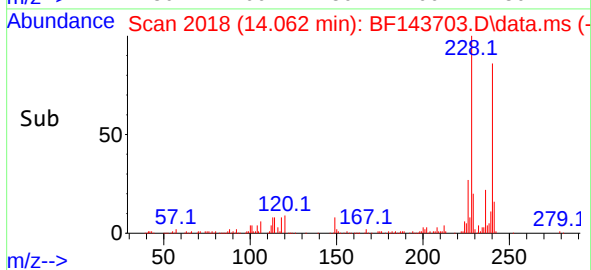
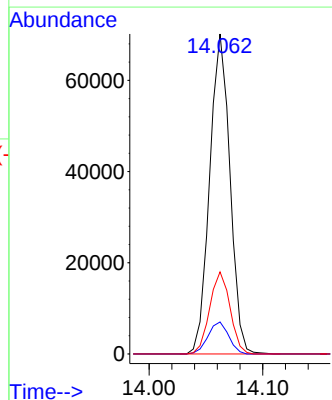
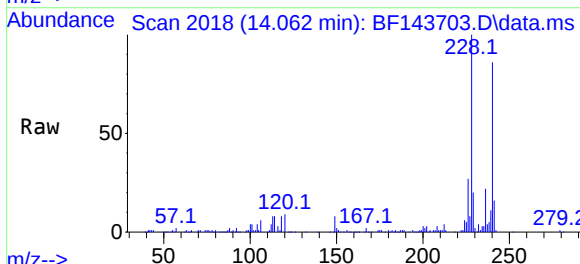


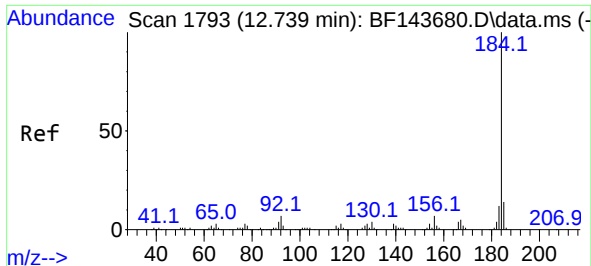
Tgt Ion:202 Resp: 310005
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.5
203 17.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:240 Resp: 87066
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.6 18.6 28.0

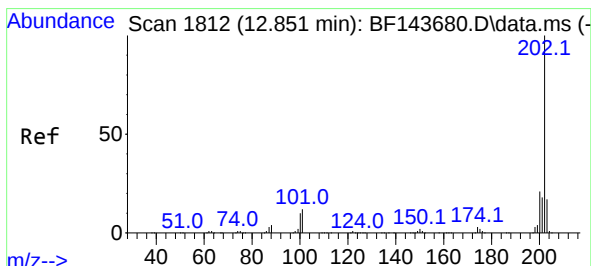
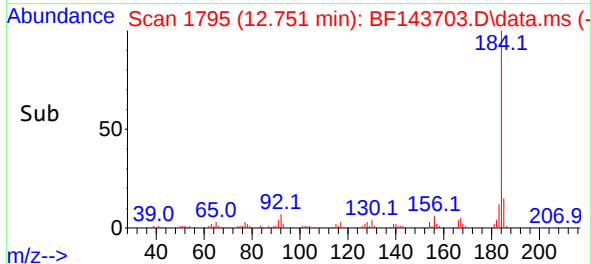
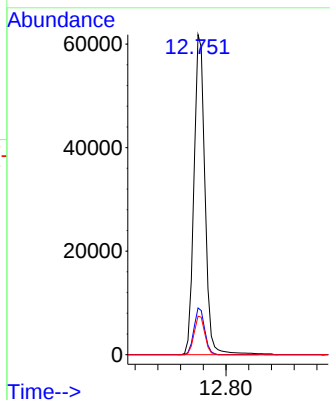
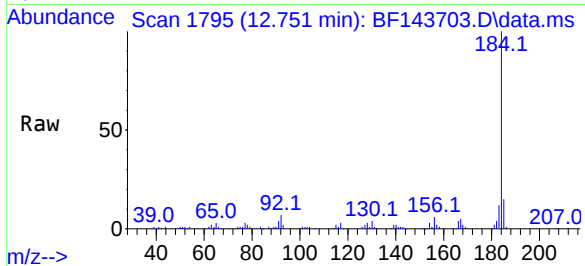




#77
Benzidine
Concen: 29.434 ng
RT: 12.751 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

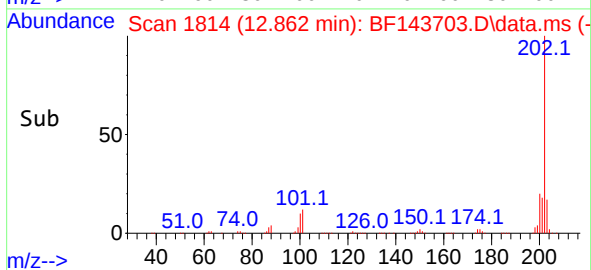
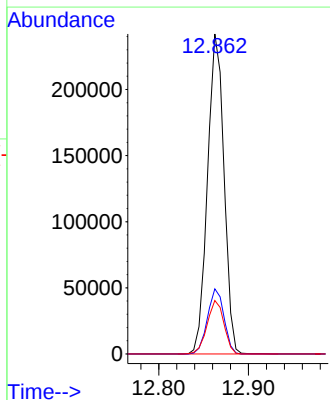
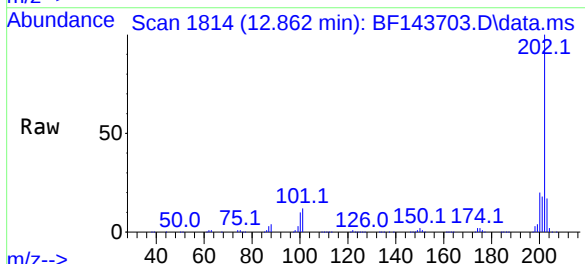
Instrument :
BNA_F
ClientSampleId :
PB169649BS

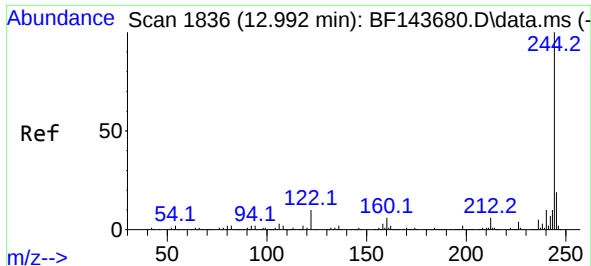
Tgt Ion:184 Resp: 83570
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.0 9.4 14.2



#78
Pyrene
Concen: 44.373 ng
RT: 12.862 min Scan# 1814
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

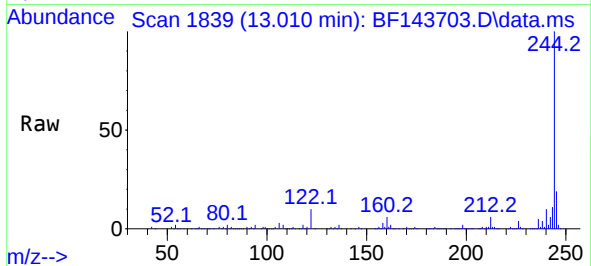
Tgt Ion:202 Resp: 308890
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 16.7 13.5 20.3



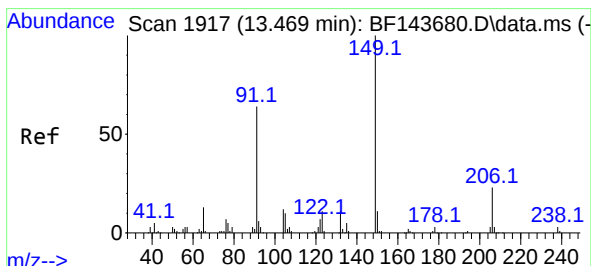
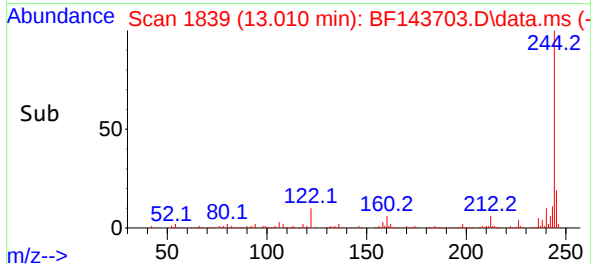
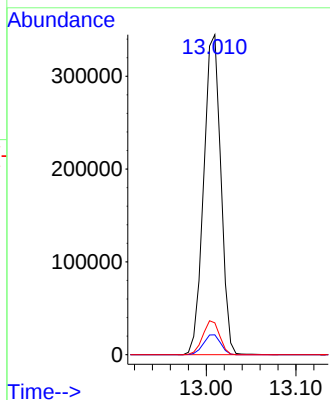


#79
Terphenyl-d14
Concen: 85.030 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

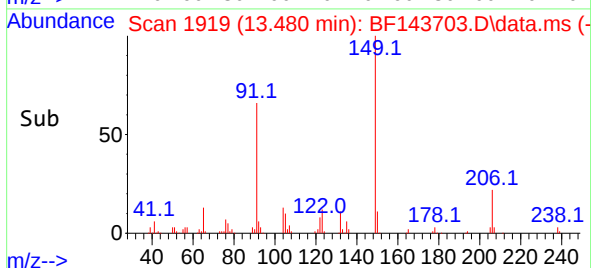
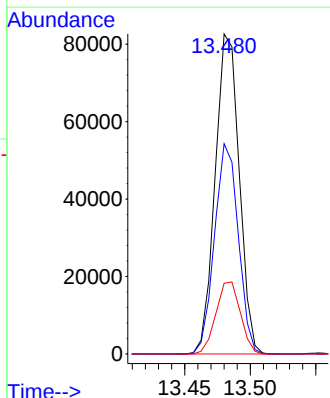
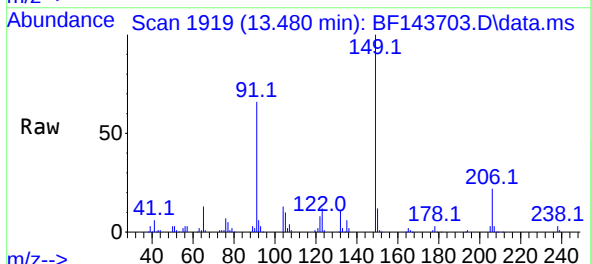


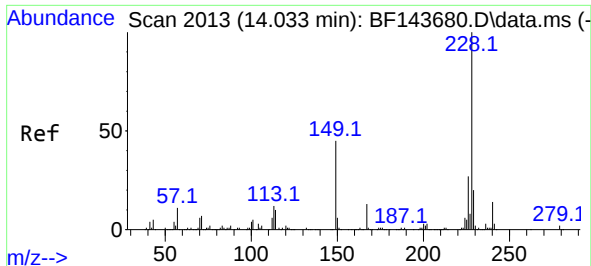
Tgt Ion:244 Resp: 456842
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 10.0 7.9 11.9



#80
Butylbenzylphthalate
Concen: 48.297 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:149 Resp: 105341
Ion Ratio Lower Upper
149 100
91 65.7 50.9 76.3
206 22.1 18.2 27.2

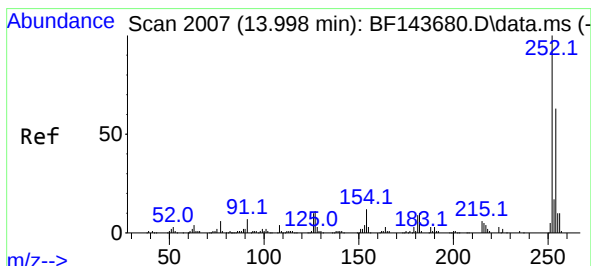
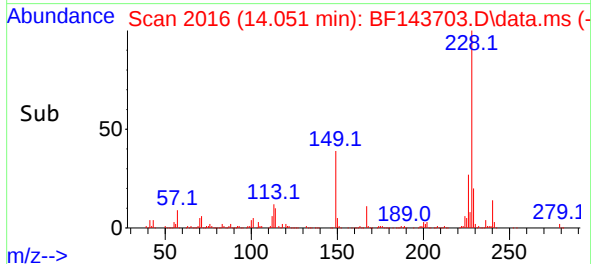
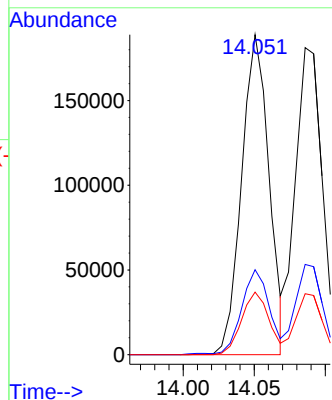
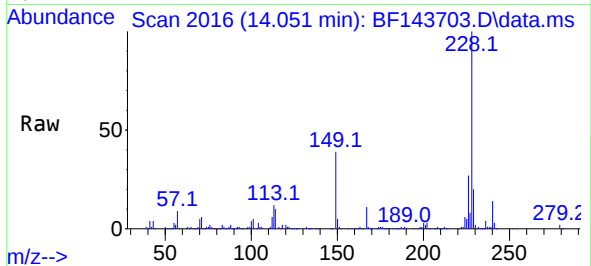




#81
Benzo(a)anthracene
Concen: 45.284 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

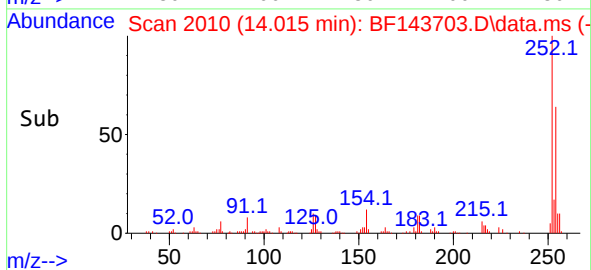
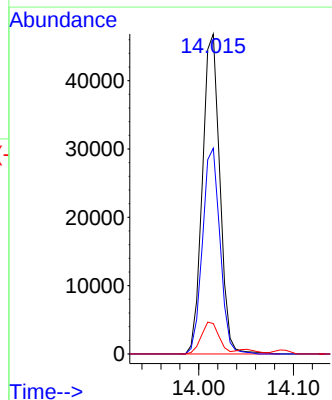
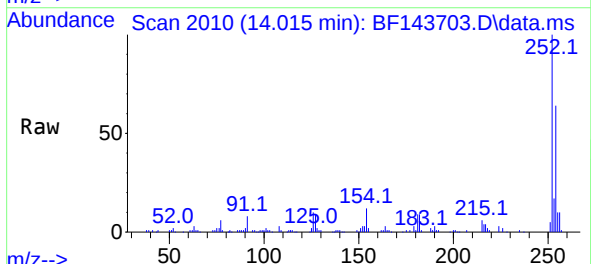
Instrument :
BNA_F
ClientSampleId :
PB169649BS

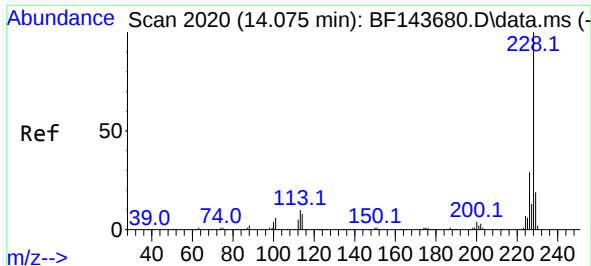
Tgt Ion:228 Resp: 253647
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 34.743 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:252 Resp: 59869
Ion Ratio Lower Upper
252 100
254 64.3 50.5 75.7
126 9.5 8.2 12.4

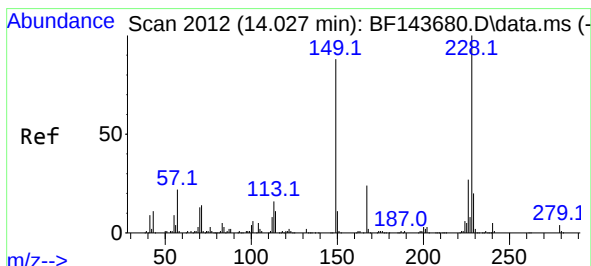
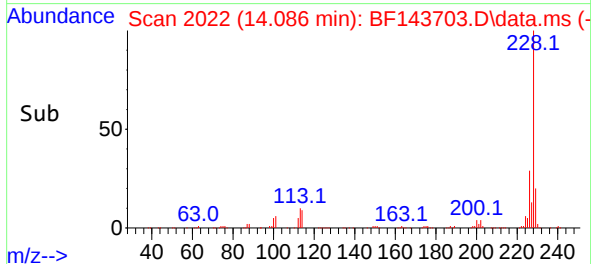
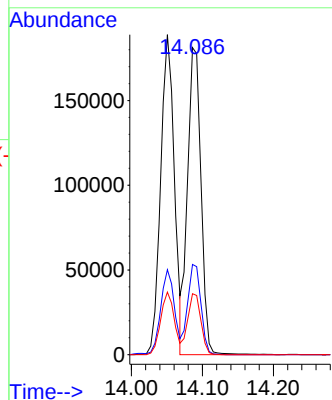
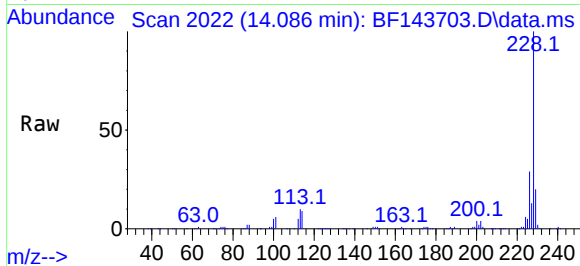




#83
Chrysene
Concen: 46.672 ng
RT: 14.086 min Scan# 2015
Delta R.T. 0.011 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

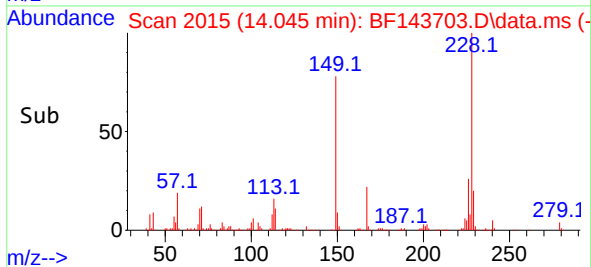
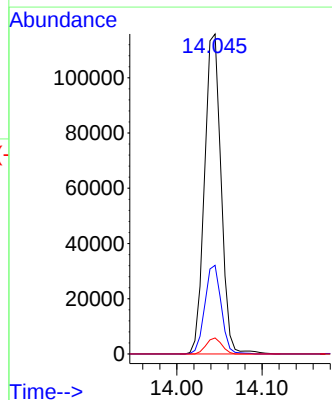
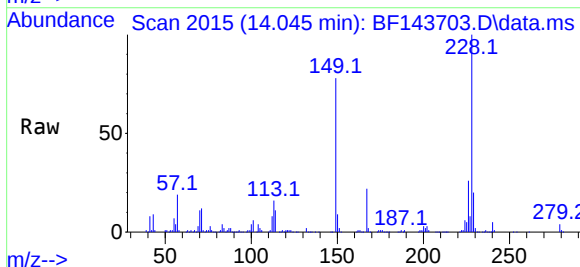
Instrument :
BNA_F
ClientSampleId :
PB169649BS

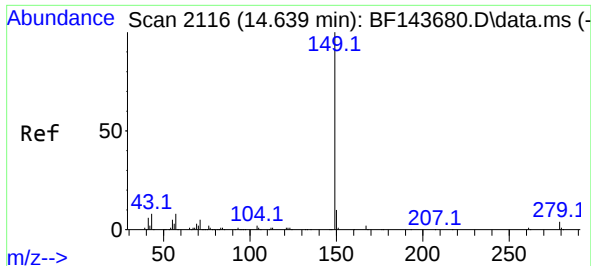
Tgt Ion:228 Resp: 239433
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 19.9 15.1 22.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.254 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:149 Resp: 156393
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 5.0 3.5 5.3

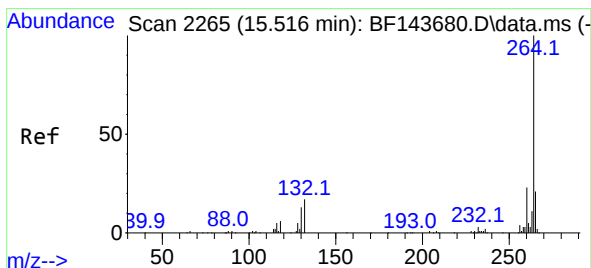
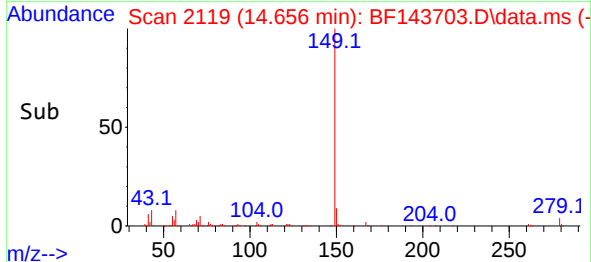
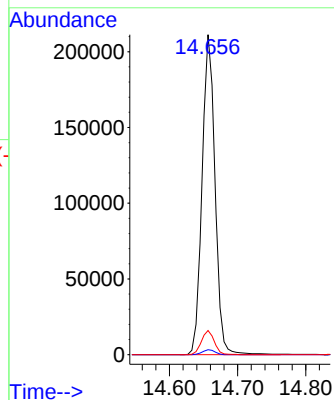
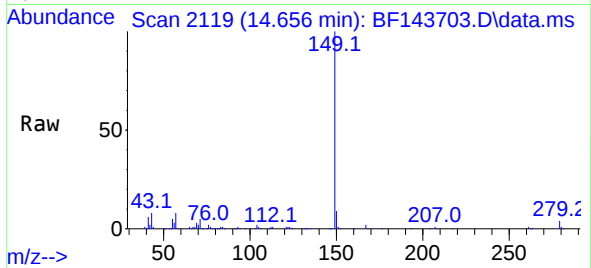




#85
Di-n-octyl phthalate
Concen: 50.095 ng
RT: 14.656 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

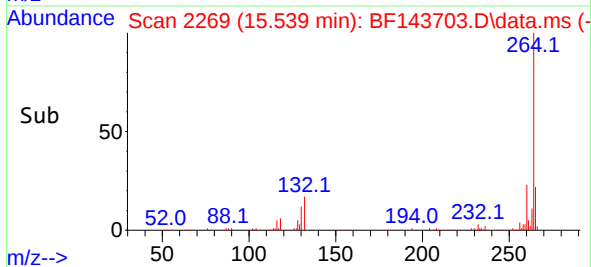
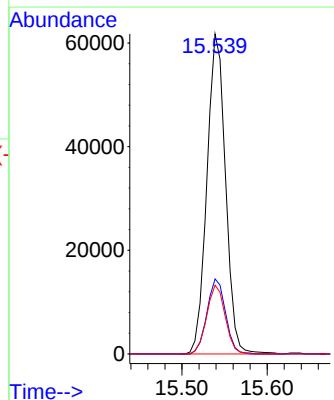
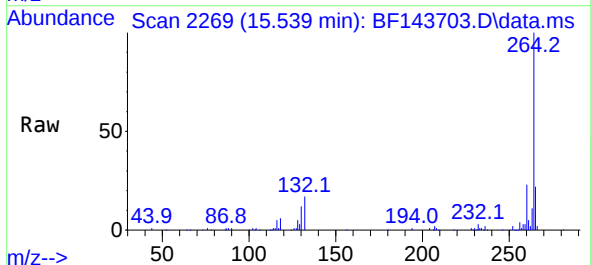
Instrument :
BNA_F
ClientSampleId :
PB169649BS

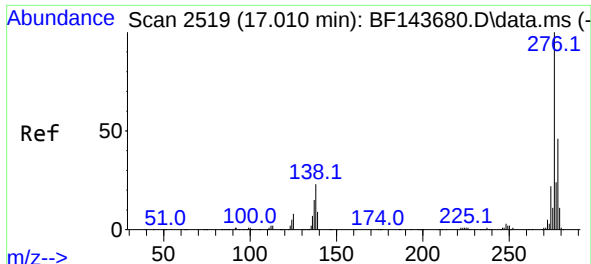
Tgt Ion:149 Resp: 279369
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.5 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:264 Resp: 93680
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.5 17.1 25.7

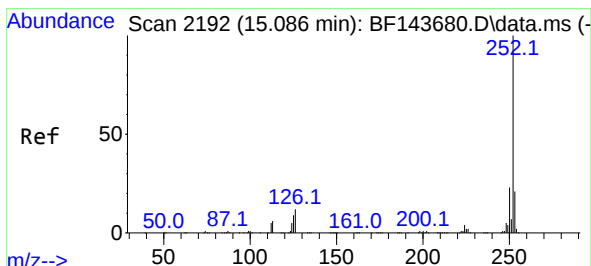
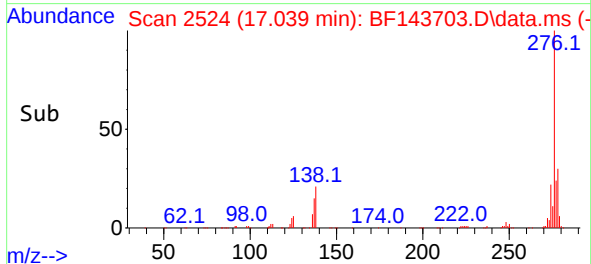
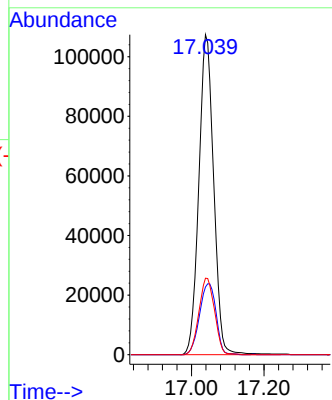
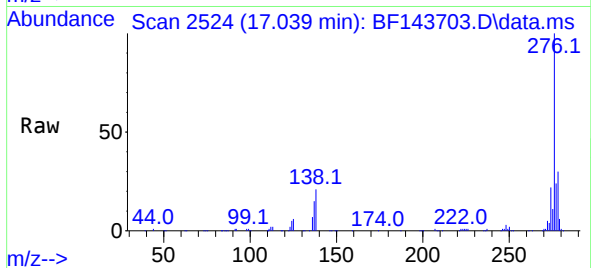




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.634 ng
RT: 17.039 min Scan# 2196
Delta R.T. 0.029 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

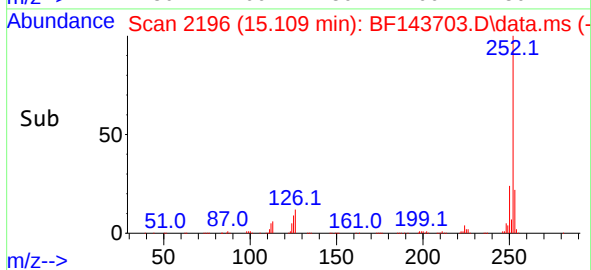
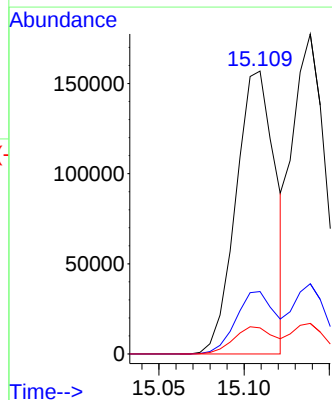
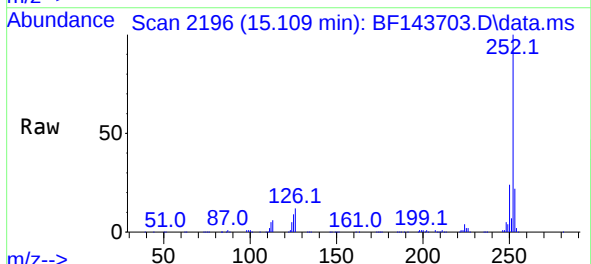
Instrument :
BNA_F
ClientSampleId :
PB169649BS

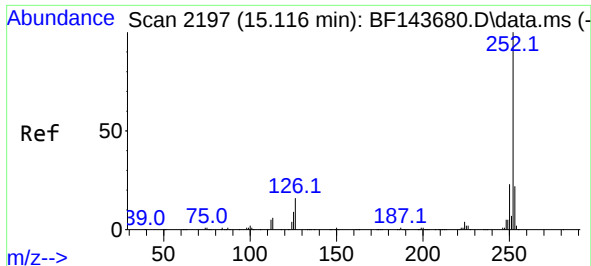
Tgt Ion:276 Resp: 304548
Ion Ratio Lower Upper
276 100
138 24.7 19.7 29.5
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 45.171 ng
RT: 15.109 min Scan# 2196
Delta R.T. 0.023 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:252 Resp: 251903
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.2 7.4 11.0

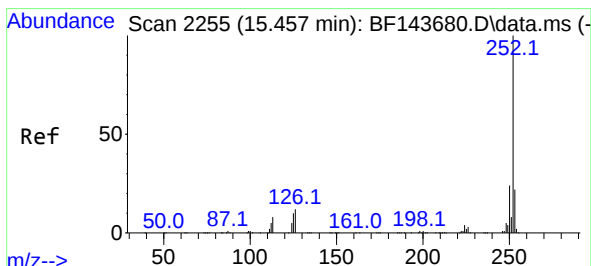
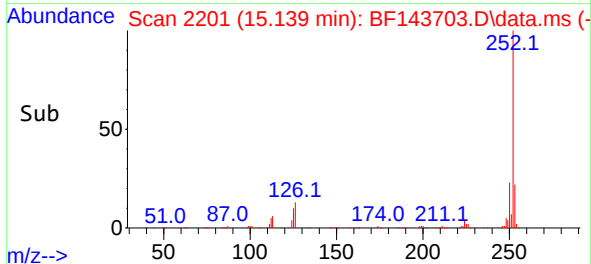
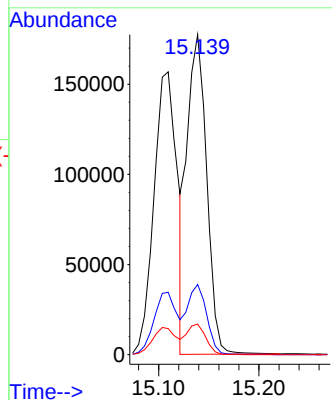
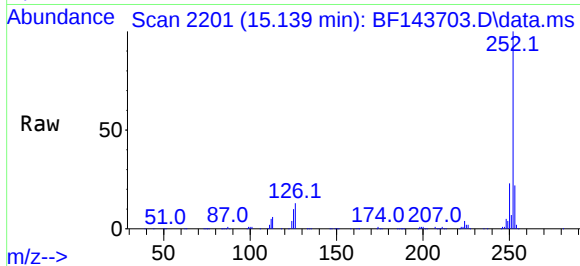




#89
Benzo(k)fluoranthene
Concen: 47.660 ng
RT: 15.139 min Scan# 2197
Delta R.T. 0.023 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

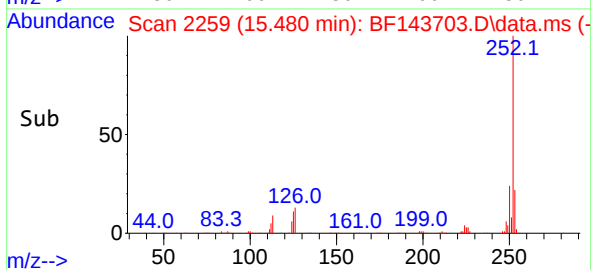
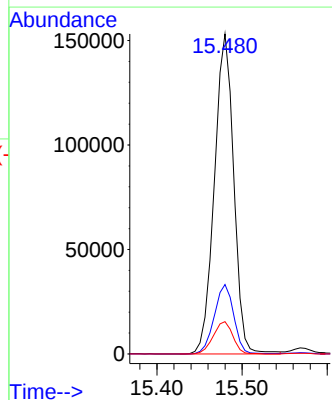
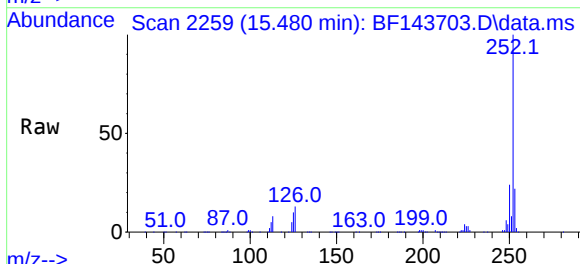
Instrument :
BNA_F
ClientSampleId :
PB169649BS

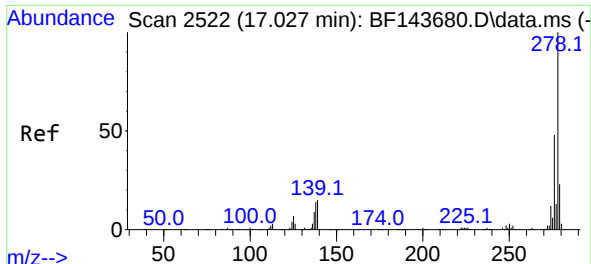
Tgt Ion:252 Resp: 239869
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 49.411 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.023 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:252 Resp: 242075
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.1 8.2 12.4

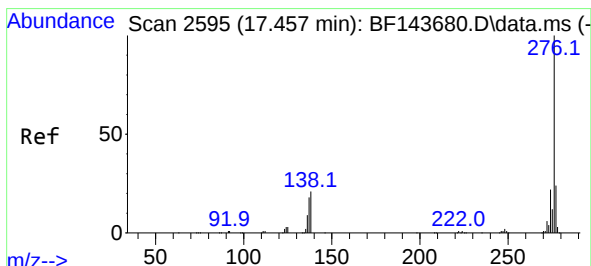
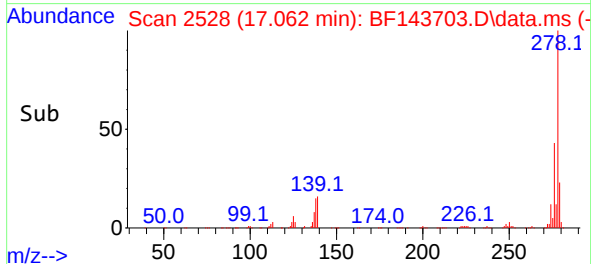
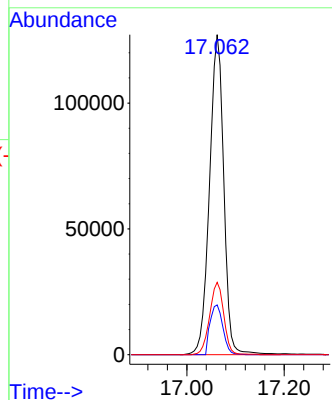
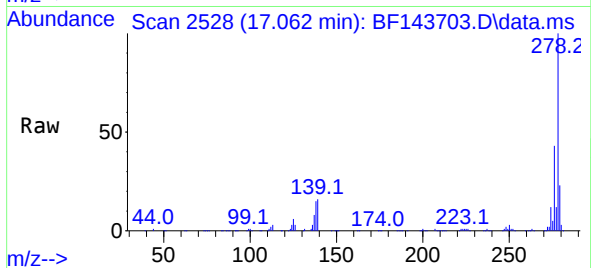




#91
Dibenzo(a,h)anthracene
Concen: 48.649 ng
RT: 17.062 min Scan# 210
Delta R.T. 0.035 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Instrument :
BNA_F
ClientSampleId :
PB169649BS

Tgt Ion:278 Resp: 258057
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 22.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 48.840 ng
RT: 17.497 min Scan# 2602
Delta R.T. 0.041 min
Lab File: BF143703.D
Acq: 11 Sep 2025 13:29

Tgt Ion:276 Resp: 242326
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 21.8 17.0 25.4

