

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
 Data File : BF143928.D
 Acq On : 10 Oct 2025 16:49
 Operator : RC/JU
 Sample : Q3310-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MS

Quant Time: Oct 10 17:17:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	113164	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	420905	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	206322	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	308746	20.000	ng	0.00
76) Chrysene-d12	14.068	240	255306	20.000	ng	0.00
86) Perylene-d12	15.545	264	243905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	602384	84.530	ng	0.00
7) Phenol-d6	6.510	99	715021	84.178	ng	0.00
23) Nitrobenzene-d5	7.445	82	411811	59.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	145989	71.041	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	650734	50.045	ng	-0.01
79) Terphenyl-d14	12.998	244	564040	37.758	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	144972	43.962	ng	97
3) Pyridine	3.451	79	418110	43.553	ng	98
4) n-Nitrosodimethylamine	3.398	42	245380	48.589	ng	92
6) Aniline	6.545	93	373392	29.335	ng	98
8) 2-Chlorophenol	6.669	128	325604	46.743	ng	98
9) Benzaldehyde	6.434	77	201314	30.723	ng	99
10) Phenol	6.522	94	498510	49.090	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	369226	47.068	ng	98
12) 1,3-Dichlorobenzene	6.822	146	388197	46.556	ng	98
13) 1,4-Dichlorobenzene	6.904	146	394175	47.924	ng	98
14) 1,2-Dichlorobenzene	7.051	146	374087	47.483	ng	100
15) Benzyl Alcohol	7.022	79	320503	50.359	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	852689	47.754	ng	100
17) 2-Methylphenol	7.134	107	275272	47.816	ng	99
18) Hexachloroethane	7.398	117	123345	44.967	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	259881	44.697	ng	98
20) 3+4-Methylphenols	7.286	107	304691	45.666	ng	# 76
22) Acetophenone	7.292	105	460099	51.698	ng	97
24) Nitrobenzene	7.463	77	388139	50.450	ng	99
25) Isophorone	7.704	82	695804	47.632	ng	99
26) 2-Nitrophenol	7.781	139	175412	53.180	ng	98
27) 2,4-Dimethylphenol	7.816	122	316376	53.320	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	444801	48.203	ng	99
29) 2,4-Dichlorophenol	8.022	162	292171	47.273	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	300734	49.476	ng	99
31) Naphthalene	8.186	128	938705	49.027	ng	100
32) Benzoic acid	7.928	122	207190	50.455	ng	96
33) 4-Chloroaniline	8.233	127	122883	17.112	ng	99
34) Hexachlorobutadiene	8.304	225	192115	45.483	ng	96
35) Caprolactam	8.604	113	95233	48.461	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	270474	45.559	ng	99
37) 2-Methylnaphthalene	8.880	142	542952	42.571	ng	100
38) 1-Methylnaphthalene	8.980	142	543024	43.895	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	321453	56.371	ng	100
41) Hexachlorocyclopentadiene	9.033	237	125116	52.887	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	205359	49.287	ng	98

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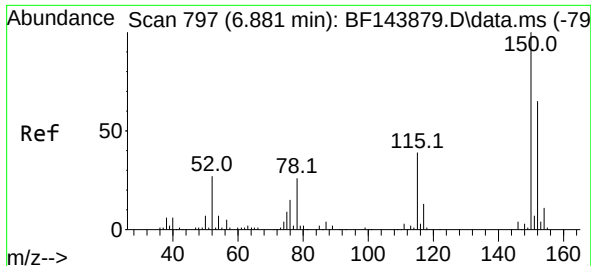
Quant Time: Oct 10 17:17:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	211202	47.967	ng	98
46) 1,1'-Biphenyl	9.345	154	759271	55.582	ng	100
47) 2-Chloronaphthalene	9.369	162	568718	49.934	ng	97
48) 2-Nitroaniline	9.463	65	198755	55.197	ng	99
49) Acenaphthylene	9.786	152	869861	54.326	ng	100
50) Dimethylphthalate	9.645	163	662822	50.588	ng	100
51) 2,6-Dinitrotoluene	9.704	165	139080	57.245	ng	98
52) Acenaphthene	9.957	154	497931	47.458	ng	99
53) 3-Nitroaniline	9.875	138	107214	36.040	ng	98
54) 2,4-Dinitrophenol	9.980	184	23533	21.281	ng	# 78
55) Dibenzofuran	10.133	168	718551	48.516	ng	99
56) 4-Nitrophenol	10.033	139	199522	88.579	ng	94
57) 2,4-Dinitrotoluene	10.110	165	178154	53.892	ng	99
58) Fluorene	10.475	166	530817	47.498	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	144809m	46.460	ng	
60) Diethylphthalate	10.345	149	600486	49.333	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	271508	45.952	ng	98
62) 4-Nitroaniline	10.486	138	117365	41.026	ng	95
63) Azobenzene	10.627	77	654068	51.414	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	21237	13.688	ng	96
66) n-Nitrosodiphenylamine	10.586	169	515716	53.198	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	171684	50.316	ng	98
68) Hexachlorobenzene	11.022	284	188054	47.606	ng	98
69) Atrazine	11.110	200	155574	52.947	ng	99
70) Pentachlorophenol	11.222	266	217340	95.798	ng	98
71) Phenanthrene	11.439	178	1128850	75.417	ng	100
72) Anthracene	11.492	178	833372	55.112	ng	100
73) Carbazole	11.645	167	739600	55.225	ng	98
74) Di-n-butylphthalate	11.974	149	835911	53.855	ng	99
75) Fluoranthene	12.633	202	1345400	87.019	ng	99
77) Benzidine	12.751	184	260951	29.437	ng	100
78) Pyrene	12.863	202	1276972	59.995	ng	99
80) Butylbenzylphthalate	13.480	149	368922	53.370	ng	100
81) Benzo(a)anthracene	14.057	228	1142872	68.405	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	238418	46.826	ng	99
83) Chrysene	14.092	228	1011269	65.399	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	491915	59.034	ng	100
85) Di-n-octyl phthalate	14.657	149	894357	65.348	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	653150	43.703	ng	99
88) Benzo(b)fluoranthene	15.115	252	1101256	78.601	ng	98
89) Benzo(k)fluoranthene	15.145	252	718216	55.399	ng	99
90) Benzo(a)pyrene	15.486	252	805657	66.317	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	466499	38.811	ng	99
92) Benzo(g,h,i)perylene	17.503	276	513188	42.695	ng	97

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

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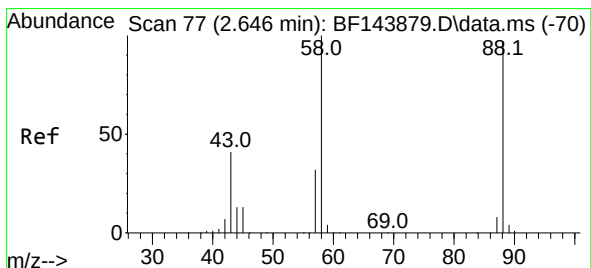
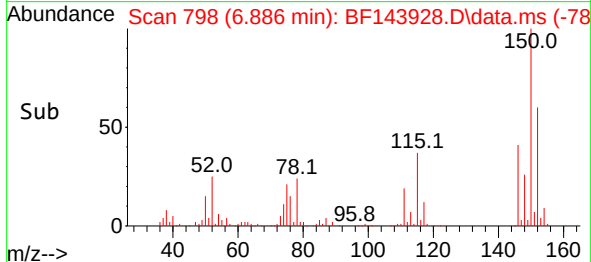
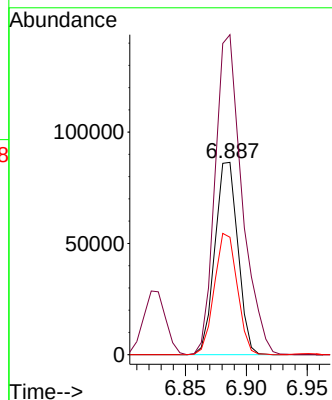
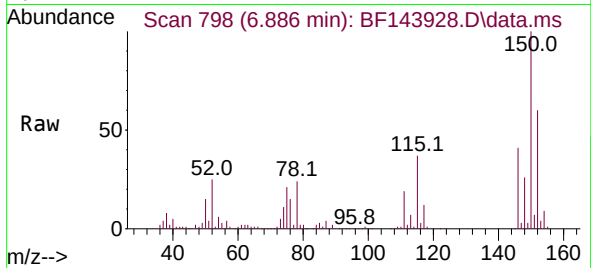




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

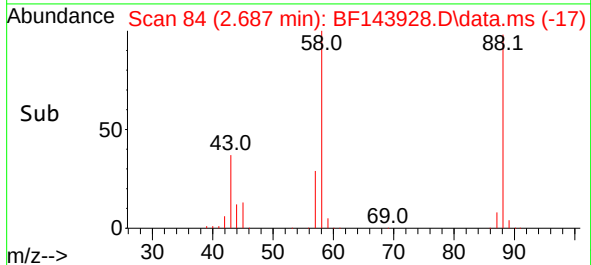
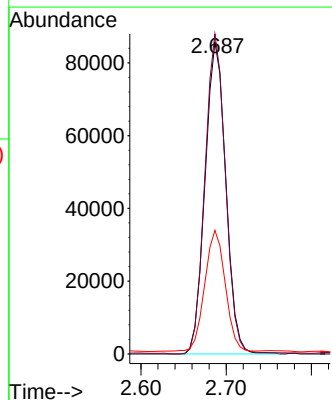
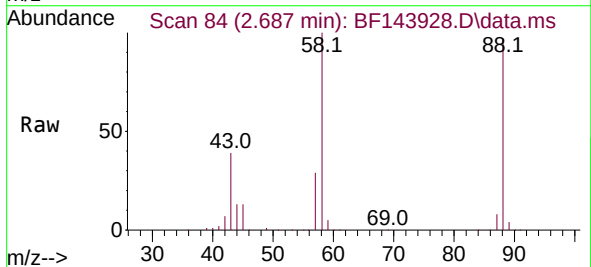
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MS

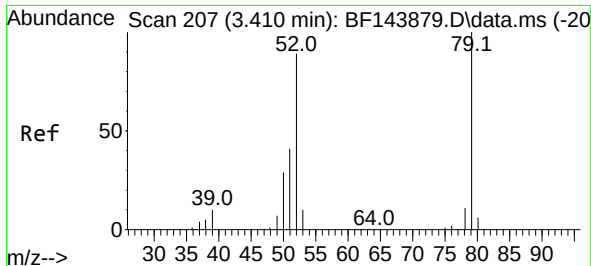
Tgt Ion:152 Resp: 113164
 Ion Ratio Lower Upper
 152 100
 150 166.5 124.4 186.6
 115 61.0 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.962 ng
 RT: 2.687 min Scan# 84
 Delta R.T. 0.041 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

Tgt Ion: 88 Resp: 144972
 Ion Ratio Lower Upper
 88 100
 58 101.9 83.0 124.6
 43 38.7 33.9 50.9





#3

Pyridine

Concen: 43.553 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

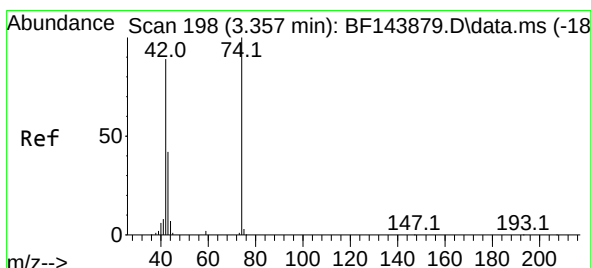
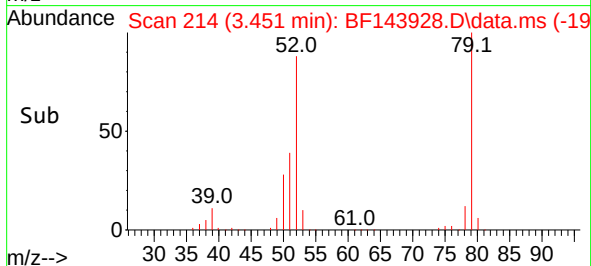
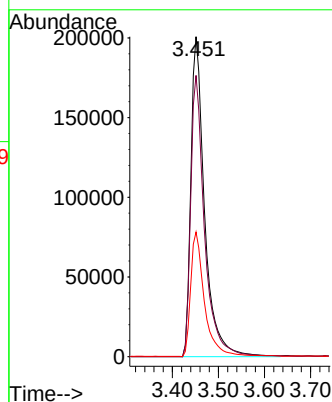
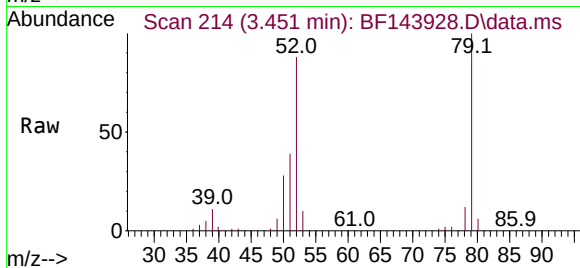
Tgt Ion: 79 Resp: 418110

Ion Ratio Lower Upper

79 100

52 87.9 71.5 107.3

51 38.9 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 48.589 ng

RT: 3.398 min Scan# 205

Delta R.T. 0.012 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

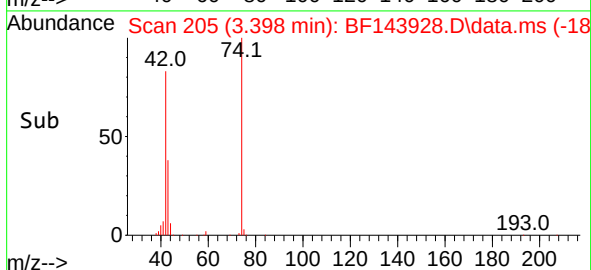
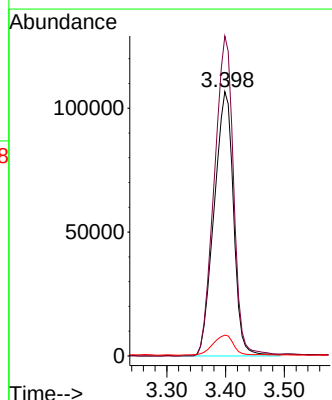
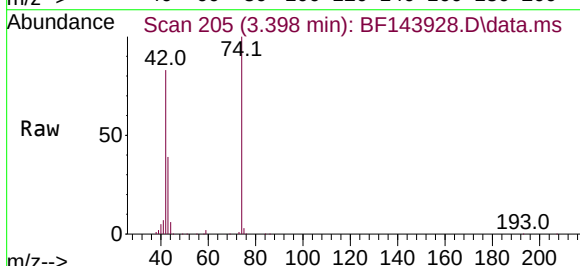
Tgt Ion: 42 Resp: 245380

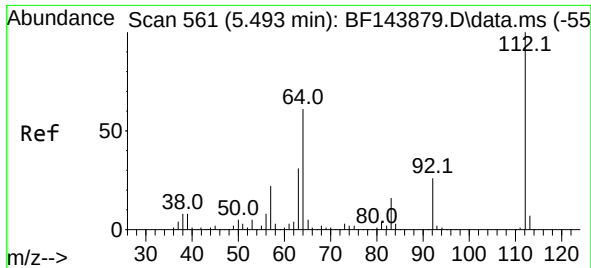
Ion Ratio Lower Upper

42 100

74 121.1 90.0 135.0

44 7.9 6.2 9.2

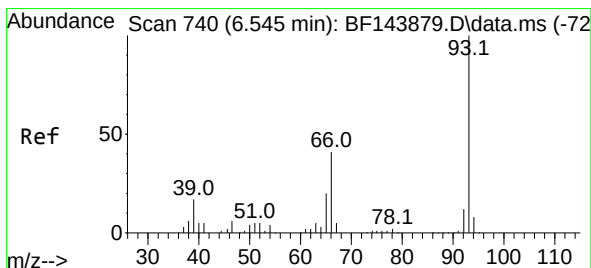
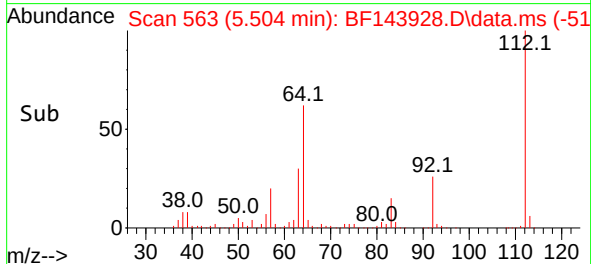
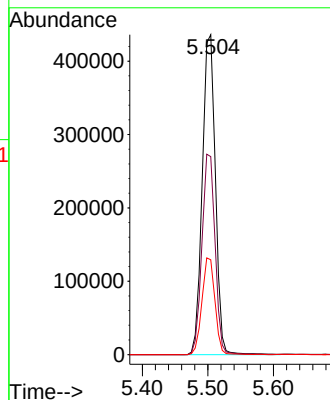
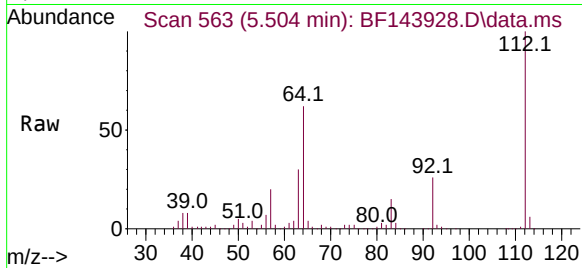




#5
2-Fluorophenol
Concen: 84.530 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

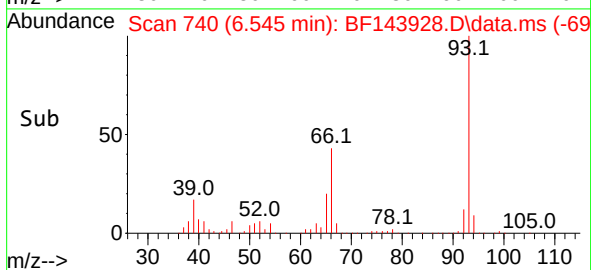
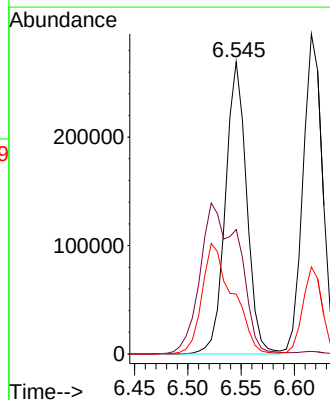
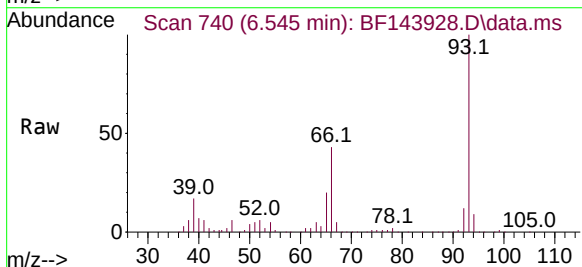
Instrument :
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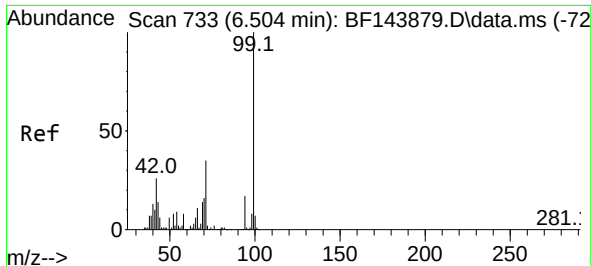
Tgt Ion:112 Resp: 602384
Ion Ratio Lower Upper
112 100
64 61.9 49.1 73.7
63 29.6 24.5 36.7



#6
Aniline
Concen: 29.335 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion: 93 Resp: 373392
Ion Ratio Lower Upper
93 100
66 42.6 33.0 49.6
65 20.5 15.8 23.8





#7

Phenol-d6

Concen: 84.178 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

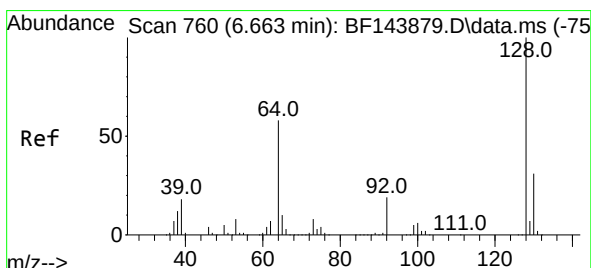
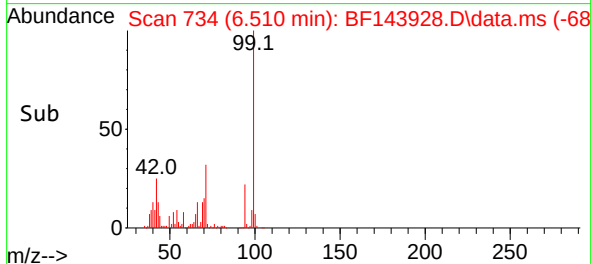
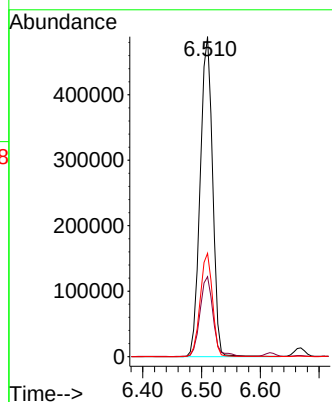
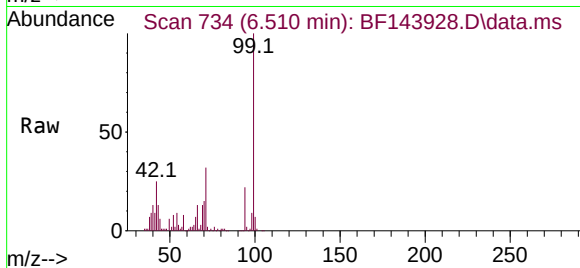
Tgt Ion: 99 Resp: 715021

Ion Ratio Lower Upper

99 100

42 25.0 21.0 31.4

71 32.3 27.8 41.8



#8

2-Chlorophenol

Concen: 46.743 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

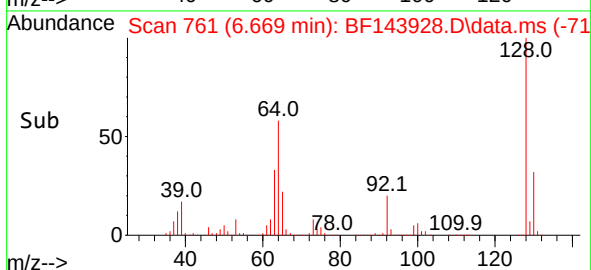
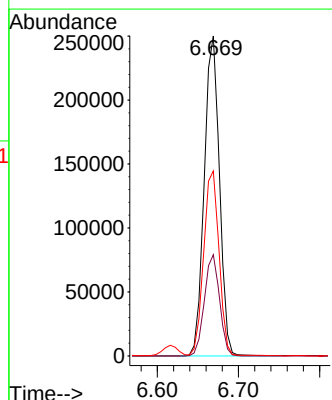
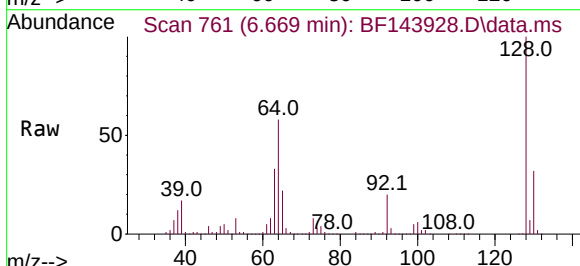
Tgt Ion:128 Resp: 325604

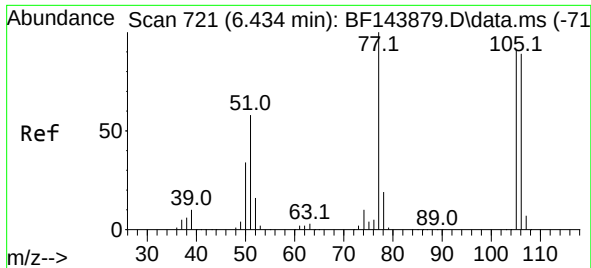
Ion Ratio Lower Upper

128 100

130 31.6 10.7 50.7

64 57.8 39.0 79.0





#9

Benzaldehyde

Concen: 30.723 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

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Acq: 10 Oct 2025 16:49

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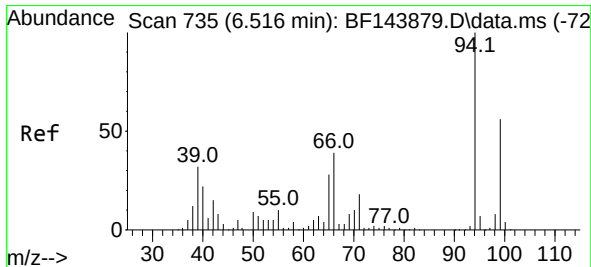
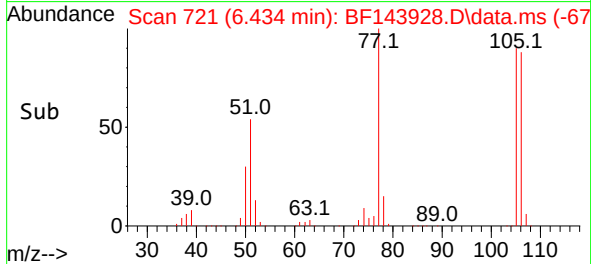
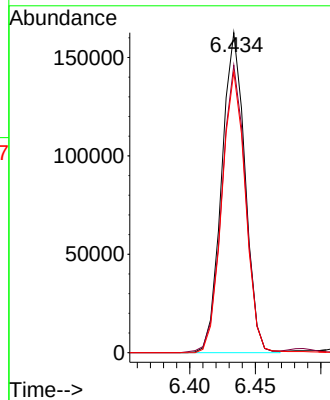
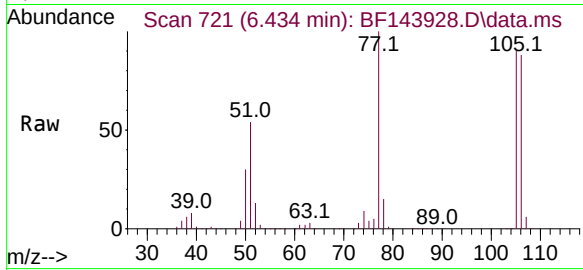
Tgt Ion: 77 Resp: 201314

Ion Ratio Lower Upper

77 100

105 89.8 70.9 110.9

106 87.7 68.9 108.9



#10

Phenol

Concen: 49.090 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

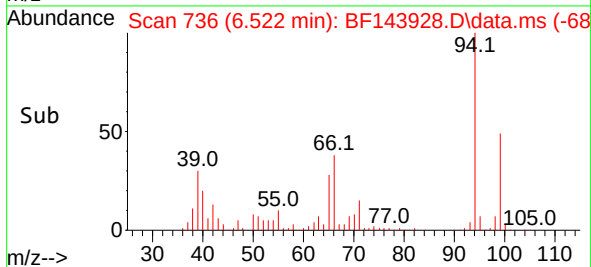
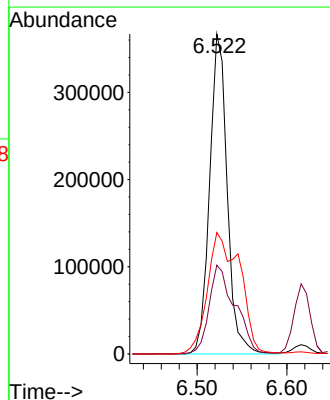
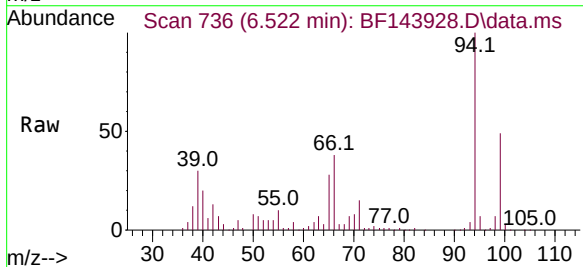
Tgt Ion: 94 Resp: 498510

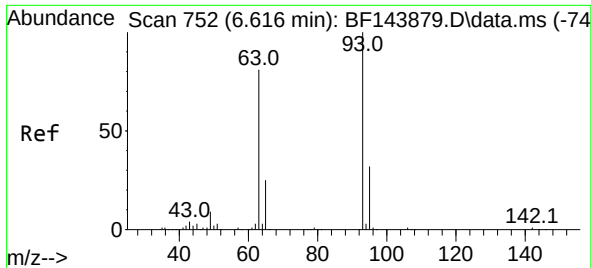
Ion Ratio Lower Upper

94 100

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66 37.9 19.9 59.9



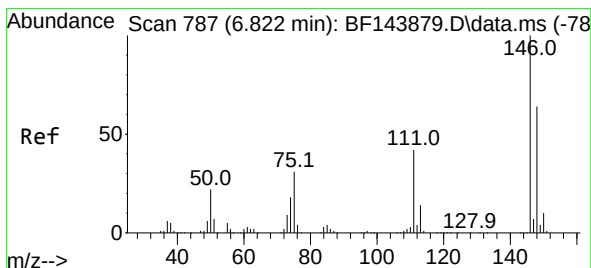
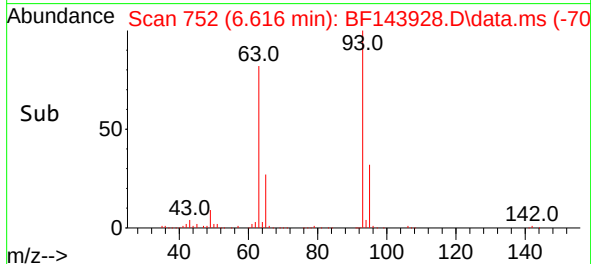
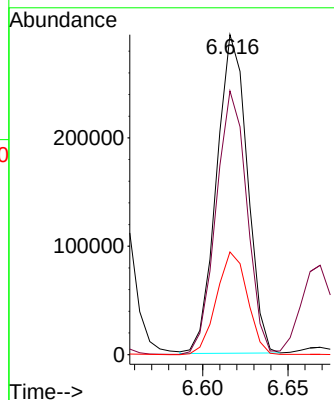
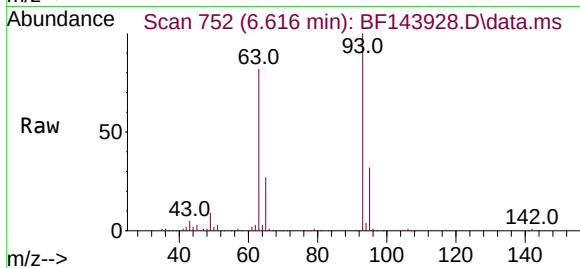


#11
bis(2-Chloroethyl)ether
Concen: 47.068 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

Tgt Ion: 93 Resp: 369226

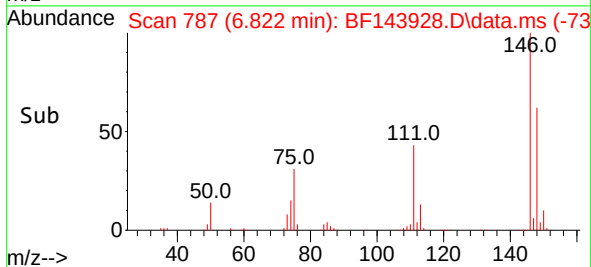
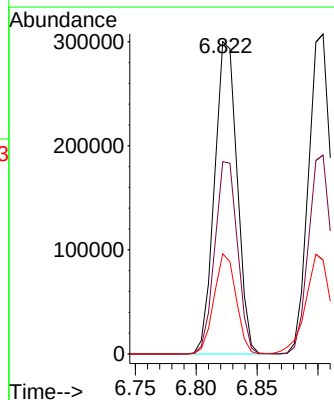
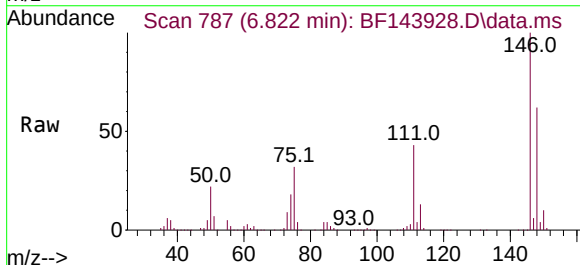
Ion	Ratio	Lower	Upper
93	100		
63	82.4	60.9	100.9
95	32.1	11.5	51.5

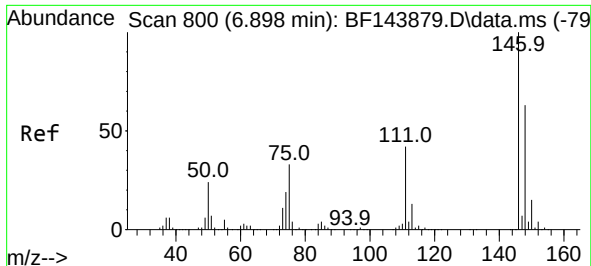


#12
1,3-Dichlorobenzene
Concen: 46.556 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion: 146 Resp: 388197

Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.0	76.4
75	32.0	24.9	37.3

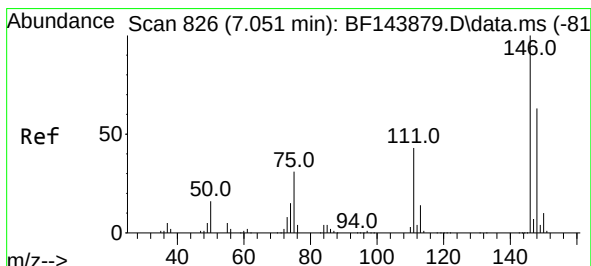
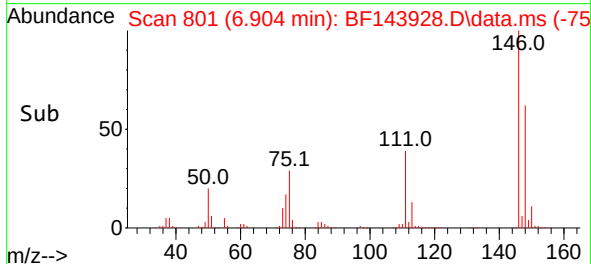
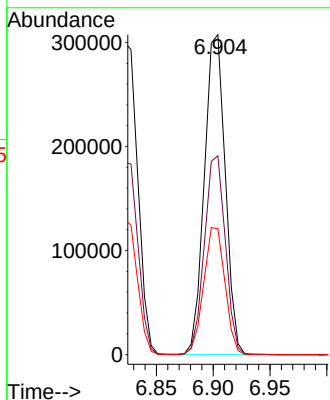
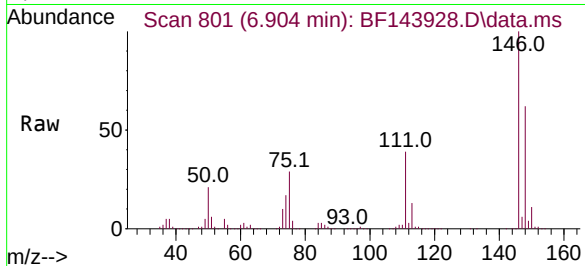




#13
1,4-Dichlorobenzene
Concen: 47.924 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

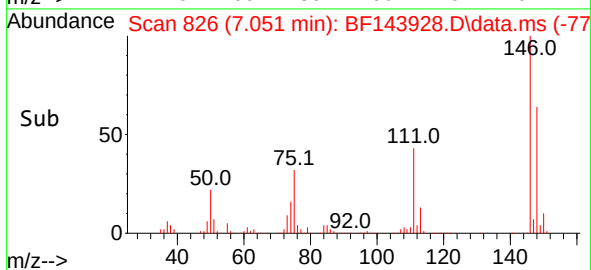
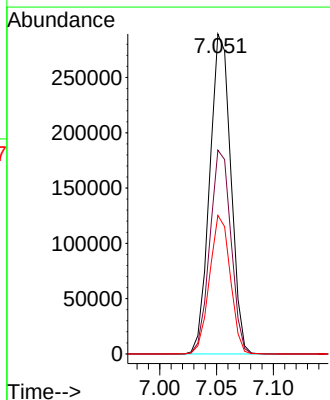
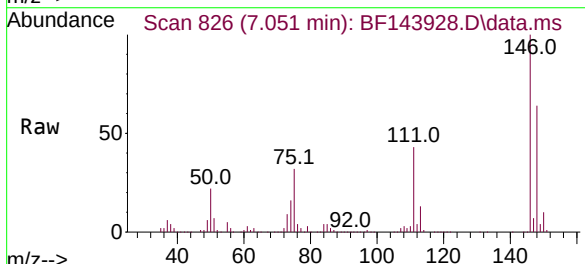
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

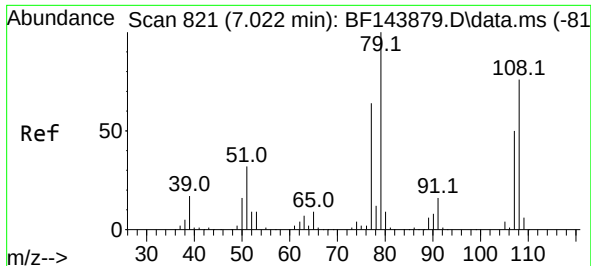
Tgt Ion:146 Resp: 394175
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
111 39.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 47.483 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:146 Resp: 374087
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
111 43.3 34.6 51.8

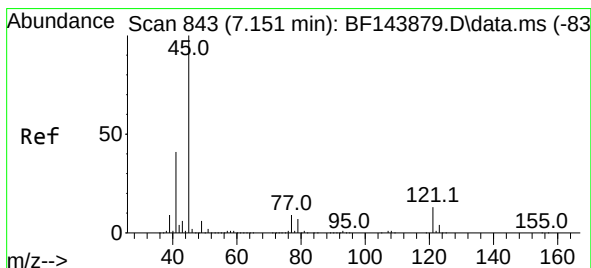
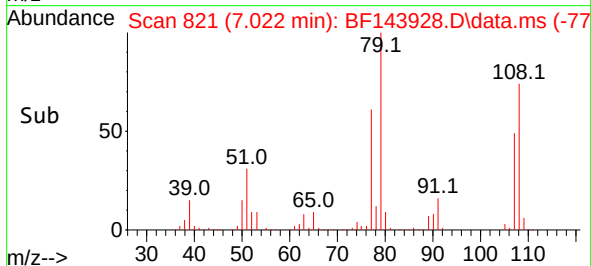
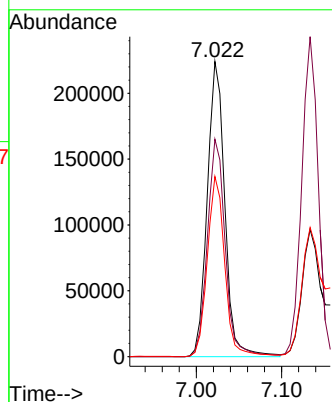
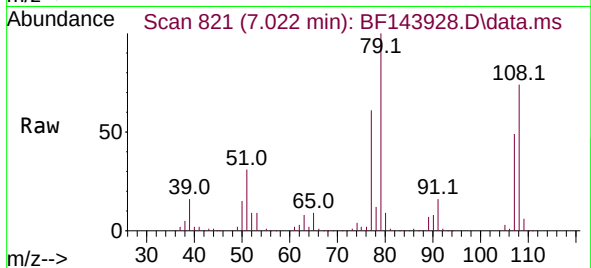




#15
Benzyl Alcohol
Concen: 50.359 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

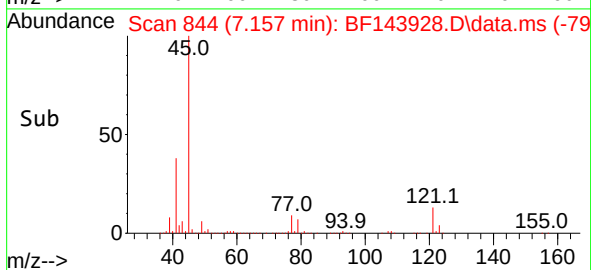
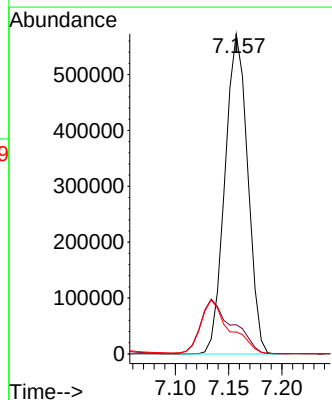
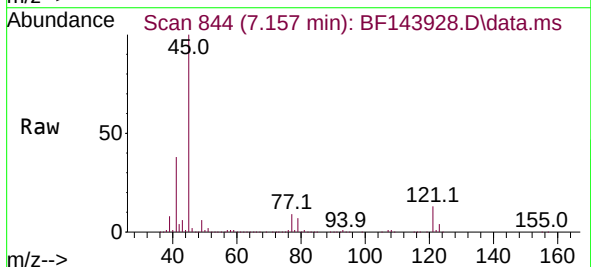
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

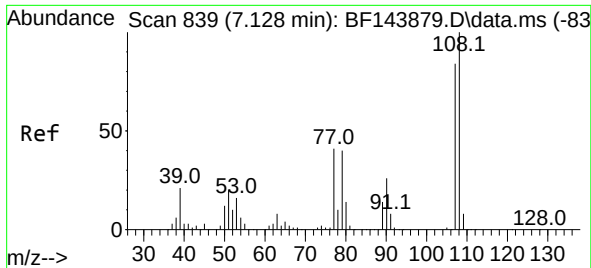
Tgt Ion: 79 Resp: 320503
Ion Ratio Lower Upper
79 100
108 73.7 60.8 91.2
77 61.0 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.754 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion: 45 Resp: 852689
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 6.8 0.0 26.8

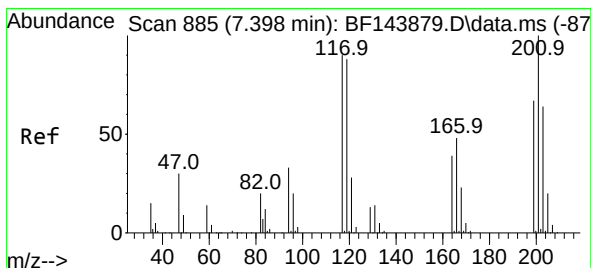
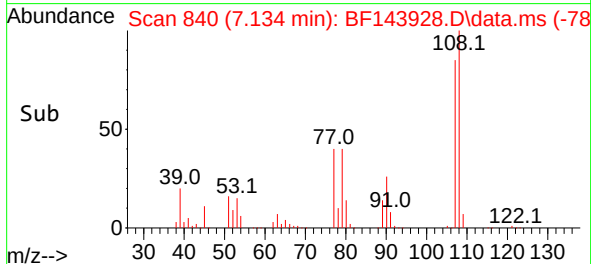
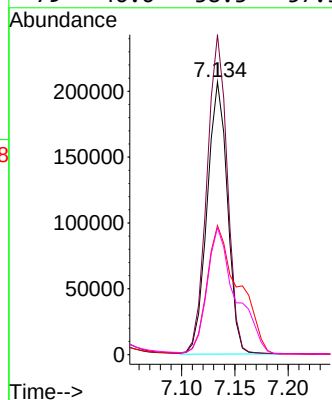
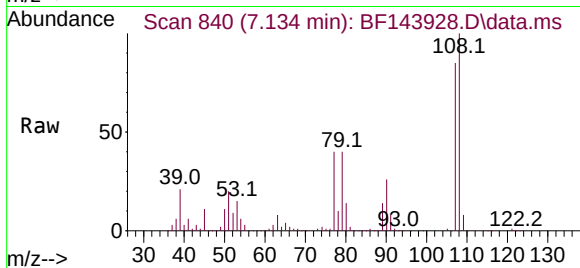




#17
2-Methylphenol
Concen: 47.816 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

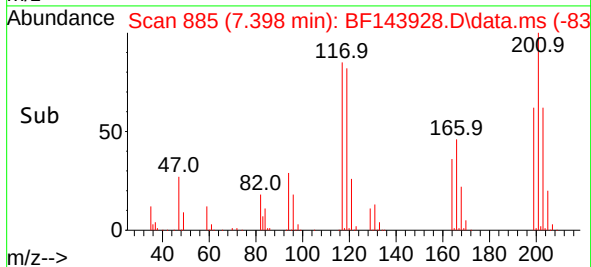
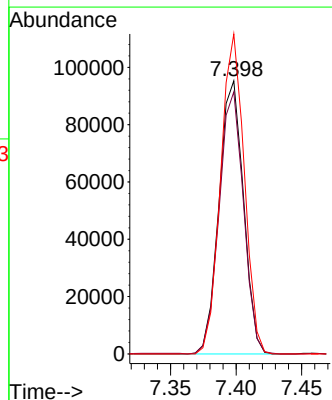
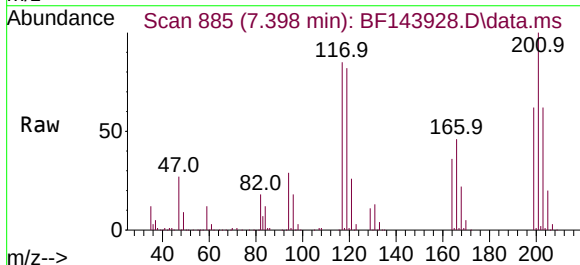
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

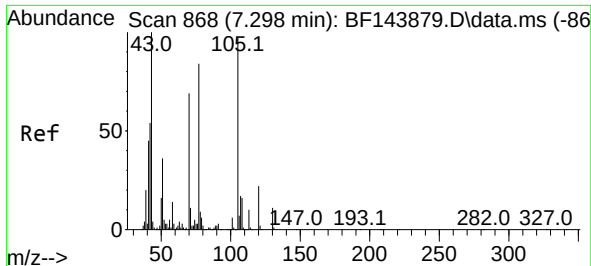
Tgt Ion:	107	Resp:	275272
Ion	Ratio	Lower	Upper
107	100		
108	117.3	94.7	142.1
77	47.3	38.8	58.2
79	46.6	38.3	57.5



#18
Hexachloroethane
Concen: 44.967 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:	117	Resp:	123345
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.8
201	117.2	88.5	132.7



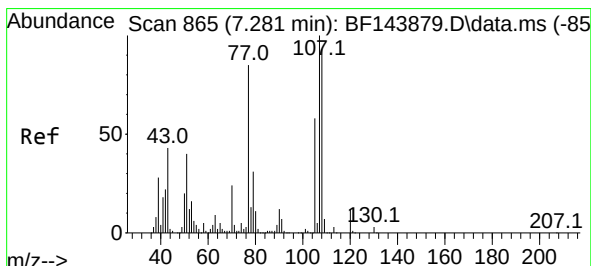
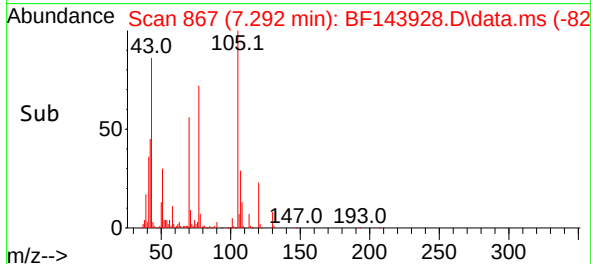
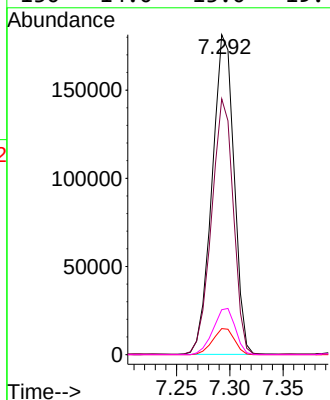
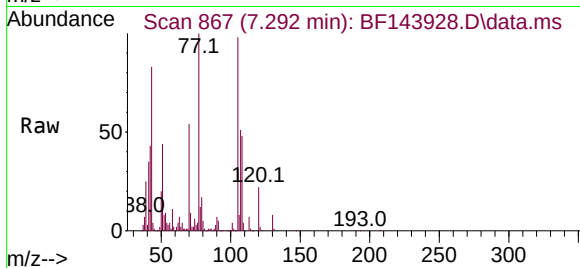


#19
n-Nitroso-di-n-propylamine
Concen: 44.697 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.024 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

Tgt Ion: 70 Resp: 259881

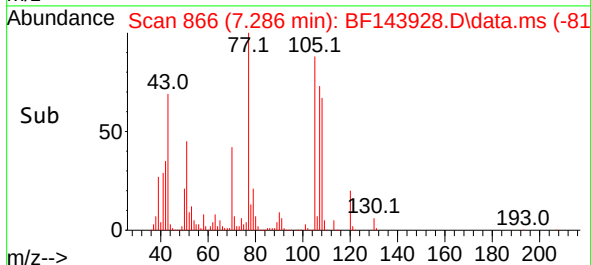
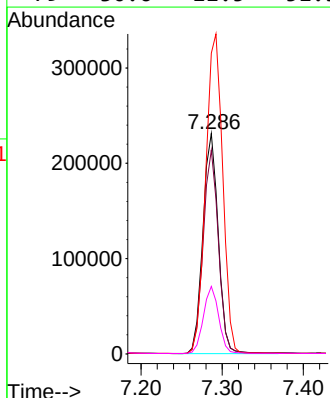
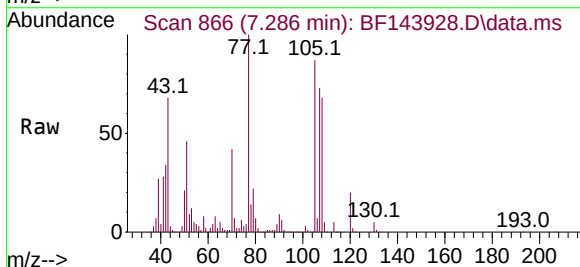
Ion	Ratio	Lower	Upper
70	100		
42	79.9	62.8	94.2
101	8.1	6.7	10.1
130	14.0	13.0	19.4

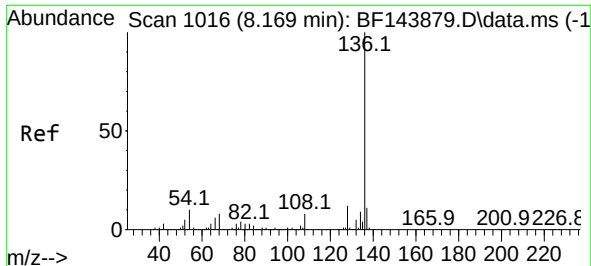


#20
3+4-Methylphenols
Concen: 45.666 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion: 107 Resp: 304691

Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	136.4	64.6	104.6#
79	30.6	11.5	51.5



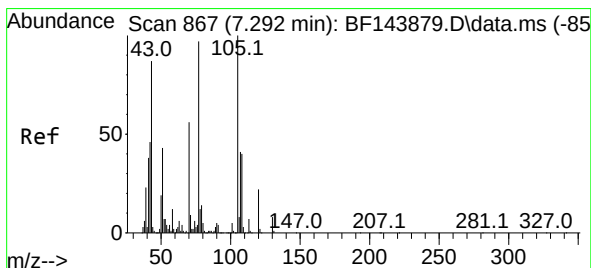
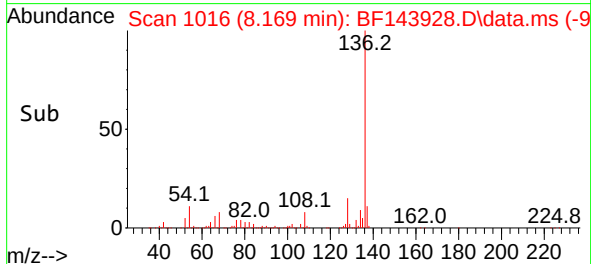
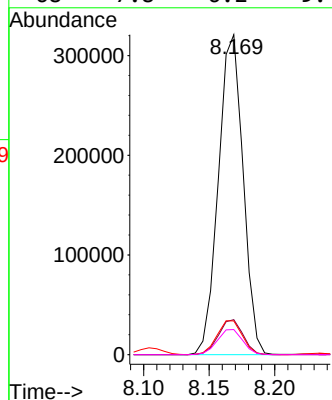
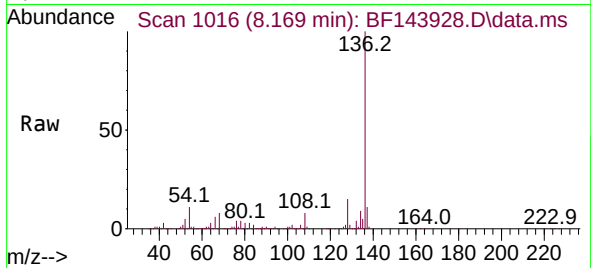


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

Tgt Ion:136 Resp: 420905

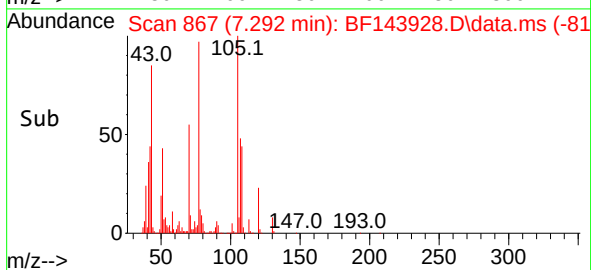
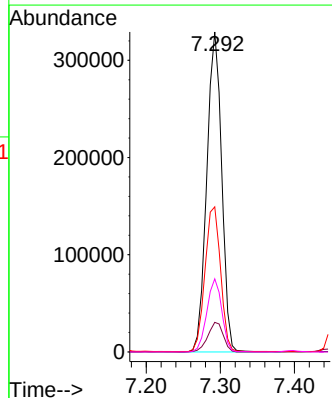
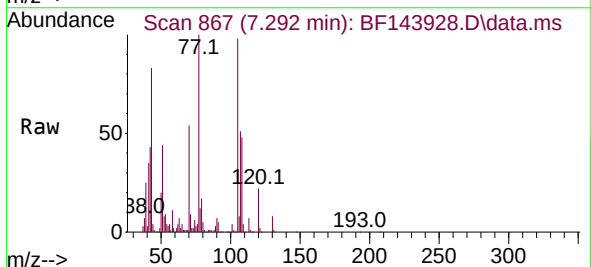
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.5	8.2	12.4
68	7.8	6.2	9.4

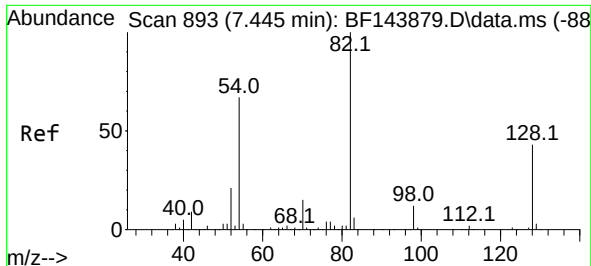


#22
Acetophenone
Concen: 51.698 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:105 Resp: 460099

Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.4	11.0
51	45.3	34.2	51.4
120	22.8	17.7	26.5





#23

Nitrobenzene-d5

Concen: 59.442 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

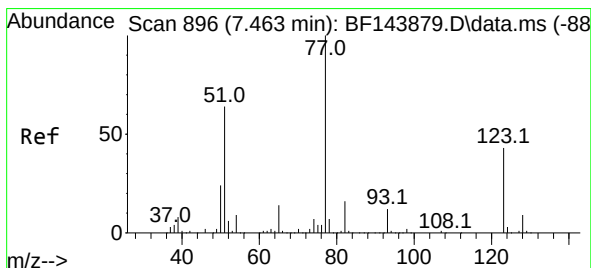
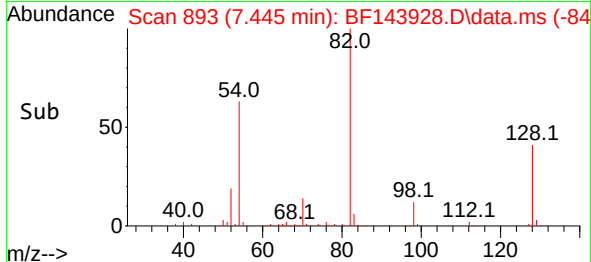
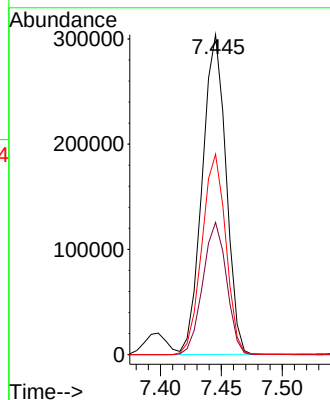
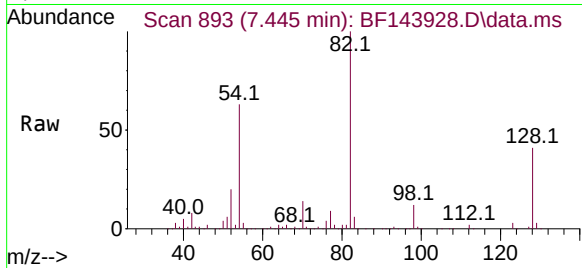
Tgt Ion: 82 Resp: 411811

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

54 62.6 53.2 79.8



#24

Nitrobenzene

Concen: 50.450 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

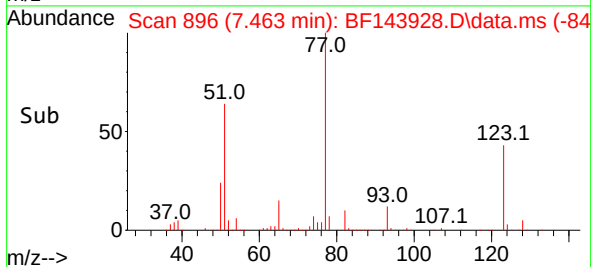
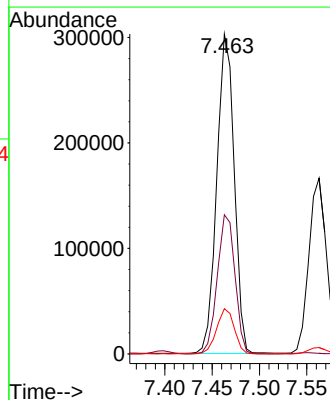
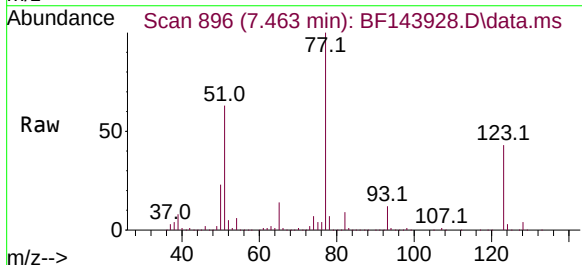
Tgt Ion: 77 Resp: 388139

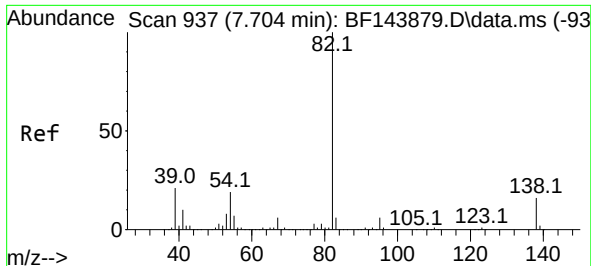
Ion Ratio Lower Upper

77 100

123 43.5 34.2 51.4

65 14.1 11.0 16.6

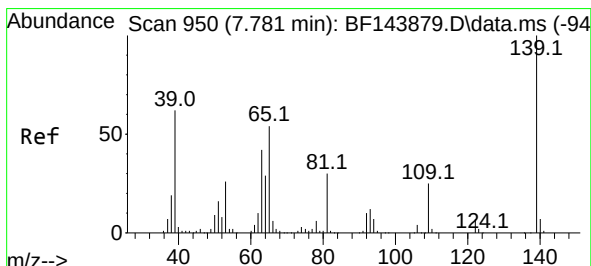
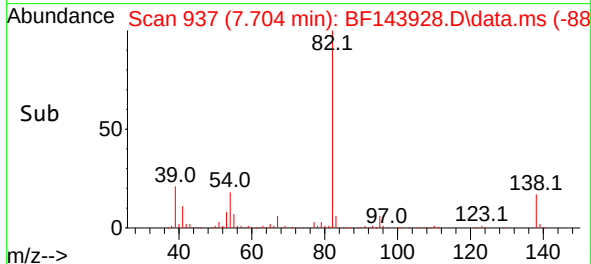
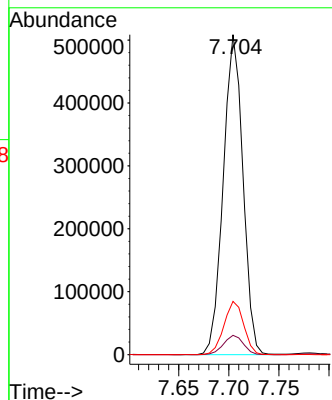
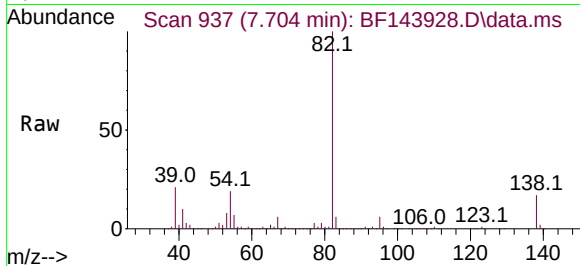




#25
Isophorone
Concen: 47.632 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

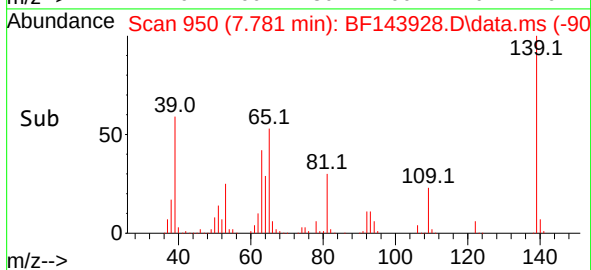
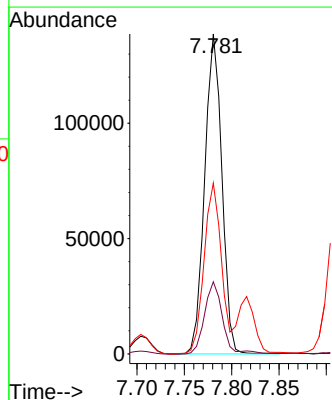
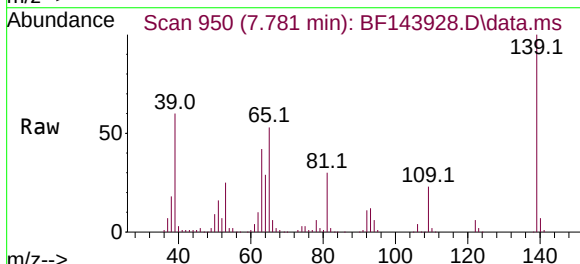
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

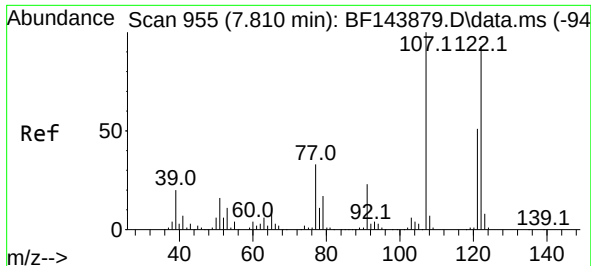
Tgt Ion: 82 Resp: 695804
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 16.6 12.9 19.3



#26
2-Nitrophenol
Concen: 53.180 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:139 Resp: 175412
Ion Ratio Lower Upper
139 100
109 22.5 19.8 29.6
65 53.4 42.9 64.3

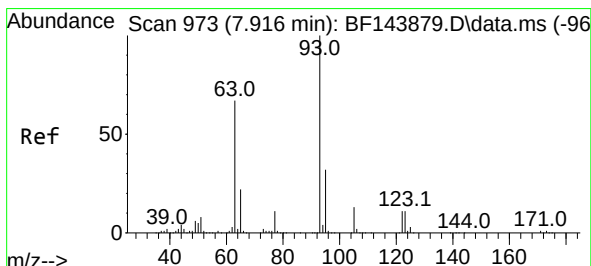
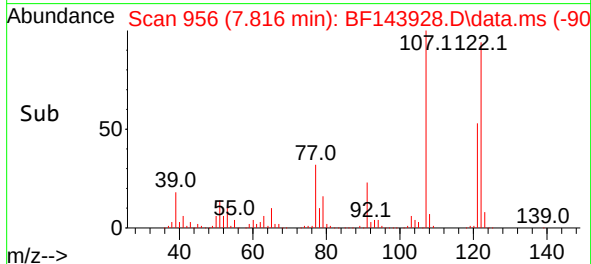
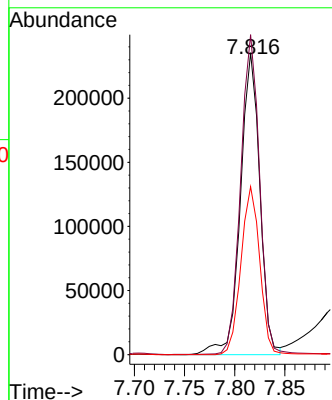
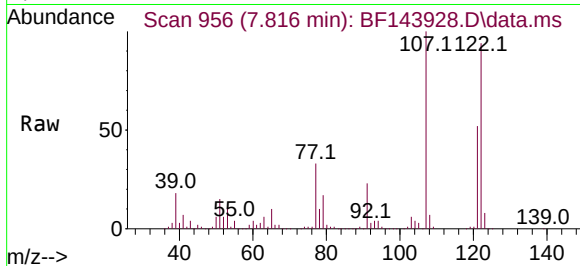




#27
2,4-Dimethylphenol
Concen: 53.320 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

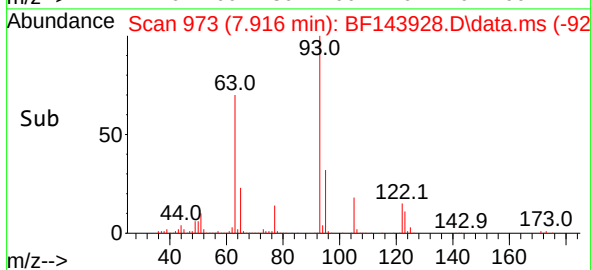
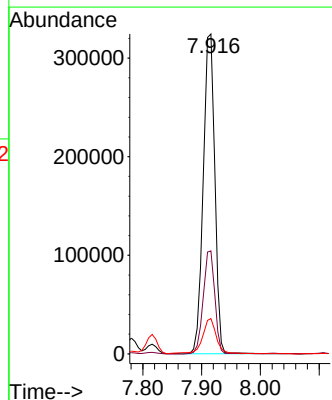
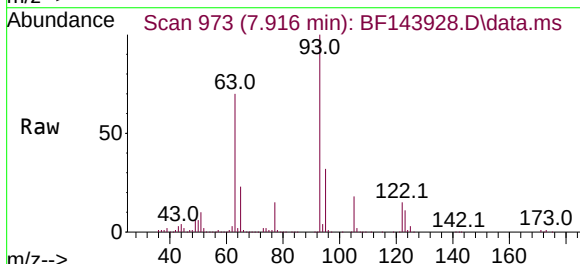
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

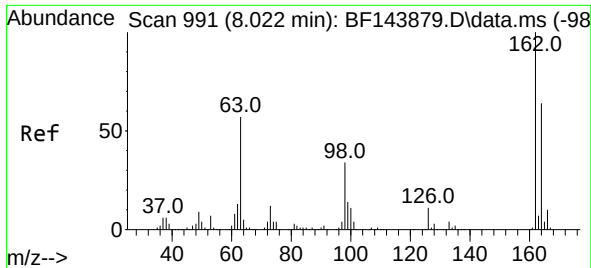
Tgt Ion:122 Resp: 316376
Ion Ratio Lower Upper
122 100
107 106.0 86.1 129.1
121 55.6 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.203 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion: 93 Resp: 444801
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.273 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

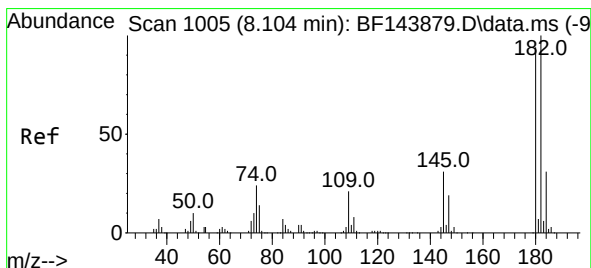
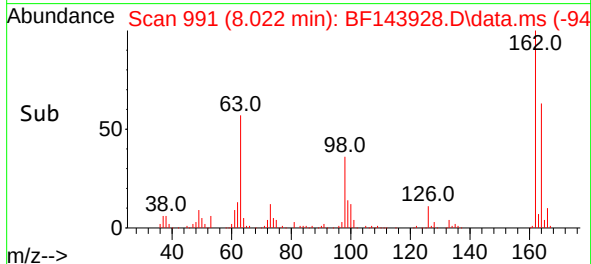
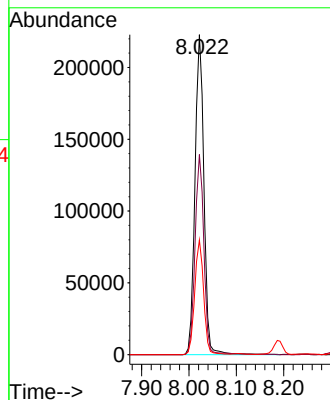
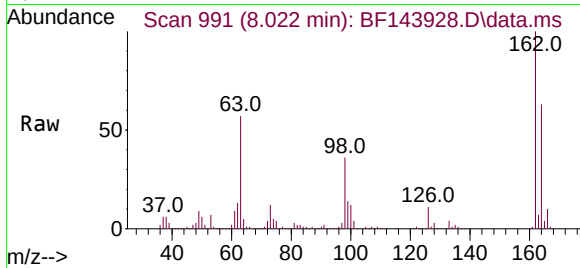
Tgt Ion:162 Resp: 292171

Ion Ratio Lower Upper

162 100

164 62.5 43.9 83.9

98 35.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 49.476 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

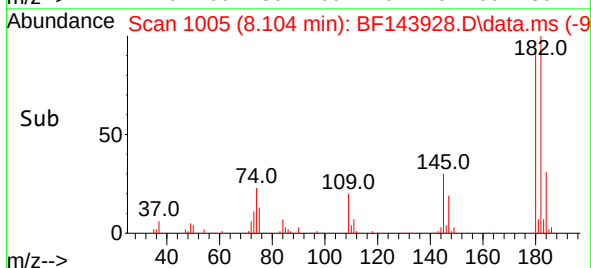
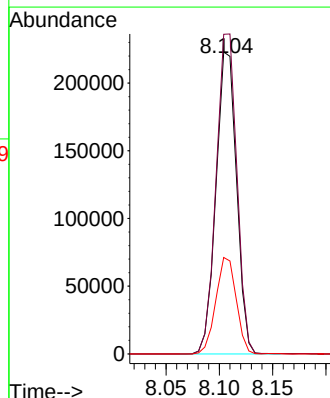
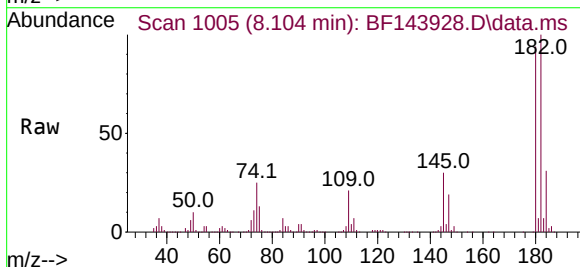
Tgt Ion:180 Resp: 300734

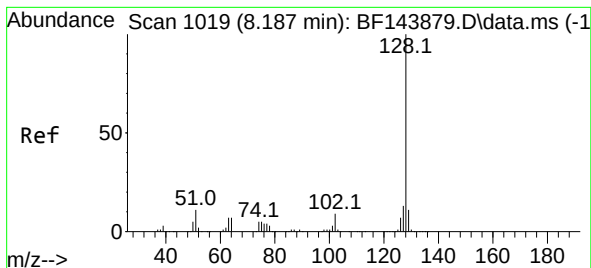
Ion Ratio Lower Upper

180 100

182 105.9 85.4 128.0

145 31.9 26.3 39.5





#31

Naphthalene

Concen: 49.027 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

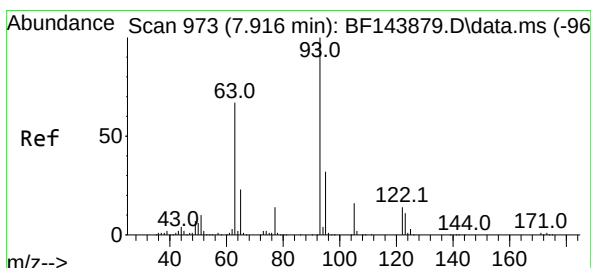
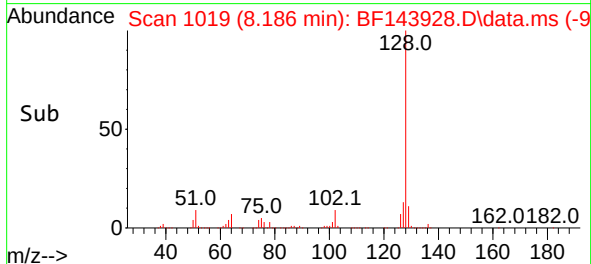
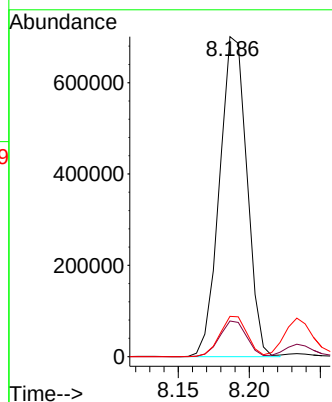
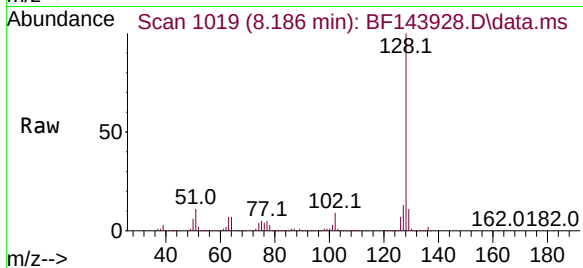
Tgt Ion:128 Resp: 938705

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.6 10.0 15.0



#32

Benzoic acid

Concen: 50.455 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

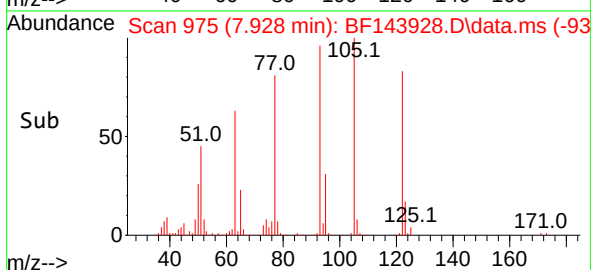
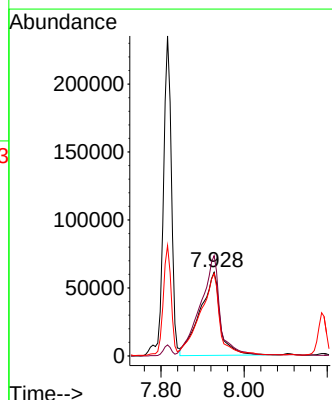
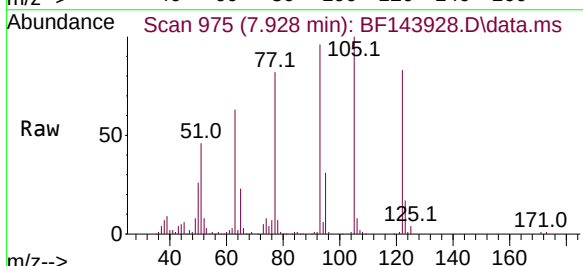
Tgt Ion:122 Resp: 207190

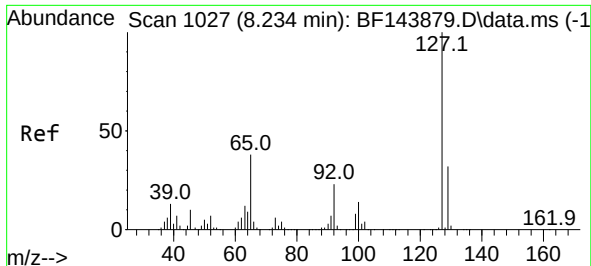
Ion Ratio Lower Upper

122 100

105 119.8 93.5 133.5

77 98.5 76.3 116.3

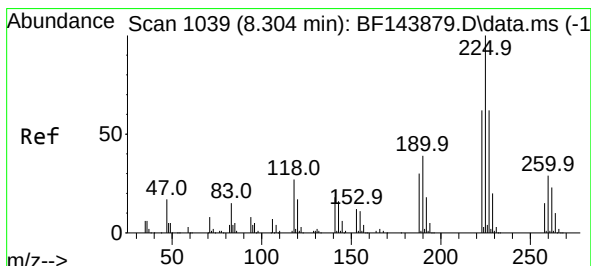
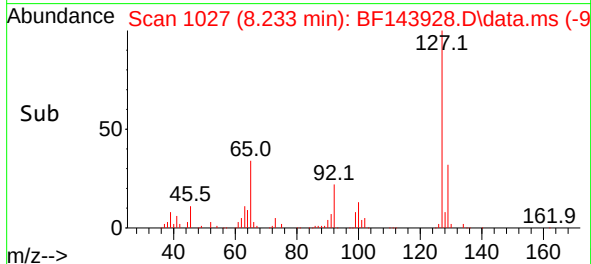
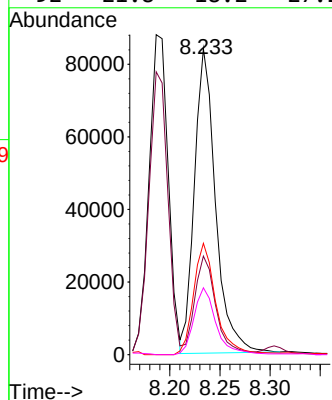
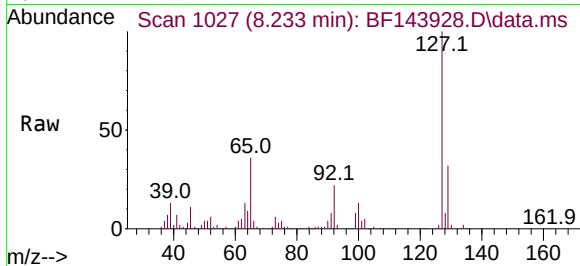




#33
4-Chloroaniline
Concen: 17.112 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

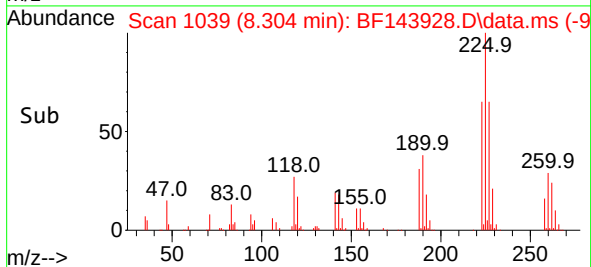
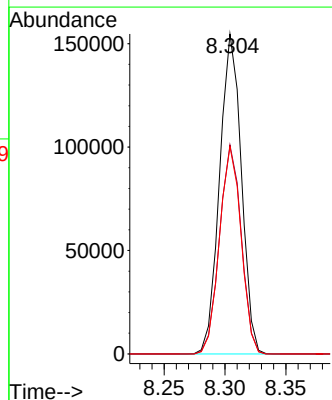
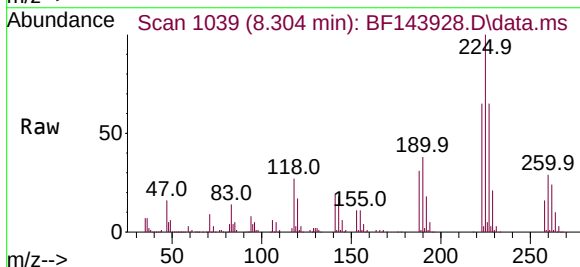
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

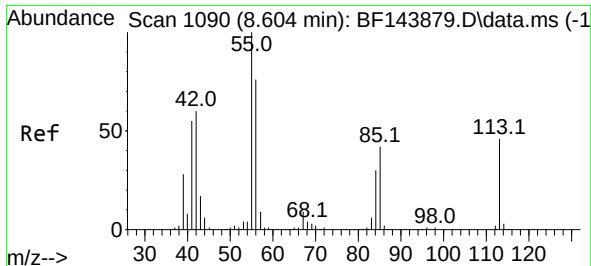
Tgt Ion:127	Resp: 122883
Ion Ratio	Lower Upper
127 100	
129 32.2	25.8 38.8
65 36.4	30.0 45.0
92 21.8	18.2 27.2



#34
Hexachlorobutadiene
Concen: 45.483 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:225	Resp: 192115
Ion Ratio	Lower Upper
225 100	
223 65.3	49.4 74.2
227 64.8	49.7 74.5

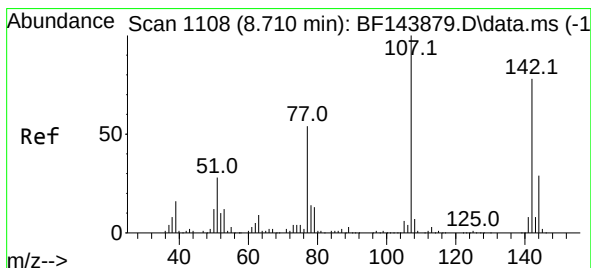
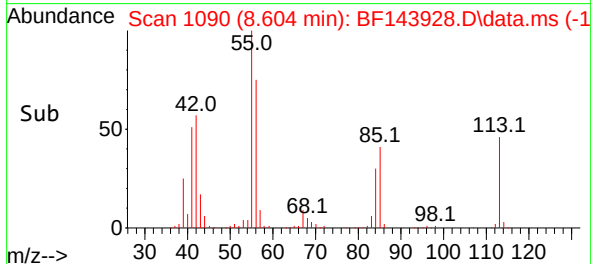
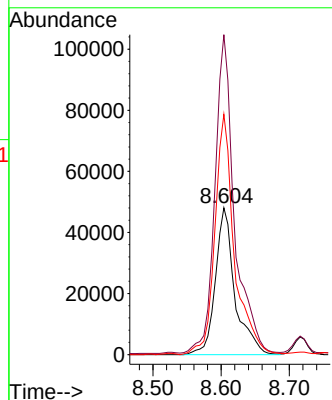
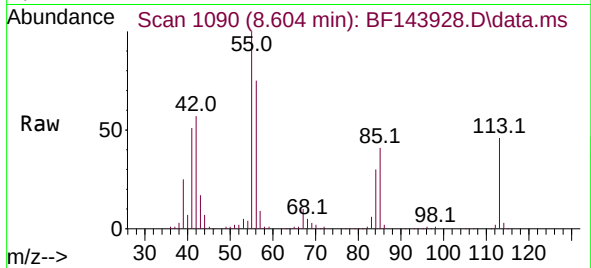




#35
 Caprolactam
 Concen: 48.461 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

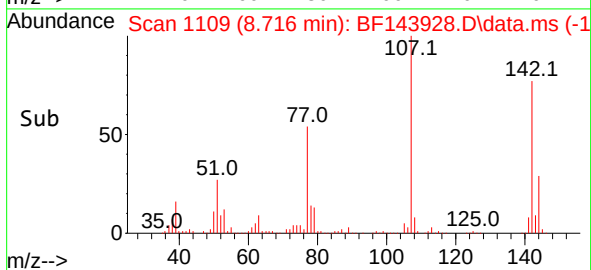
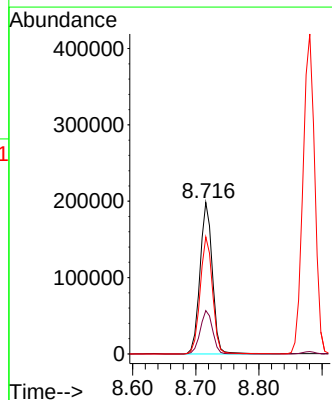
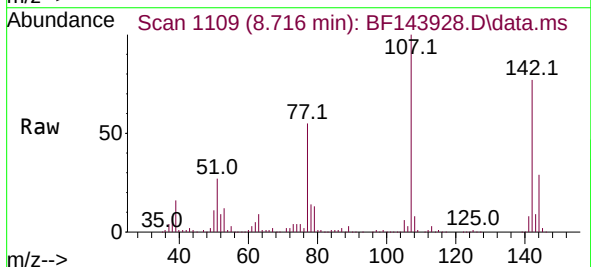
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MS

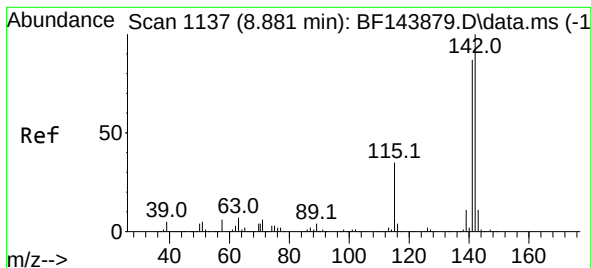
Tgt Ion:113 Resp: 95233
 Ion Ratio Lower Upper
 113 100
 55 217.9 199.6 239.6
 56 163.6 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.559 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

Tgt Ion:107 Resp: 270474
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.1 34.7
 142 77.3 62.6 94.0





#37

2-Methylnaphthalene

Concen: 42.571 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

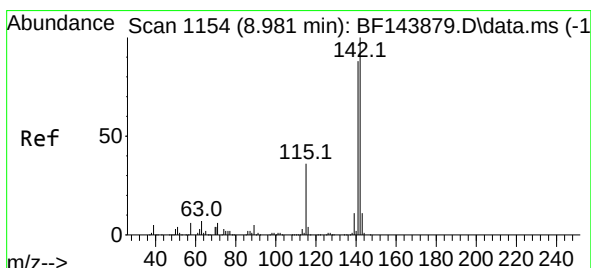
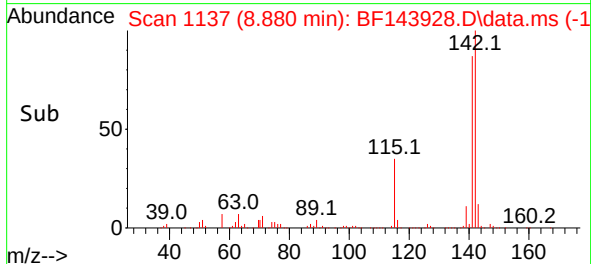
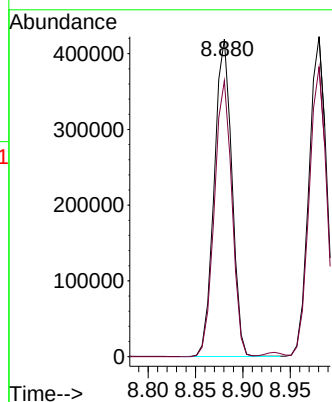
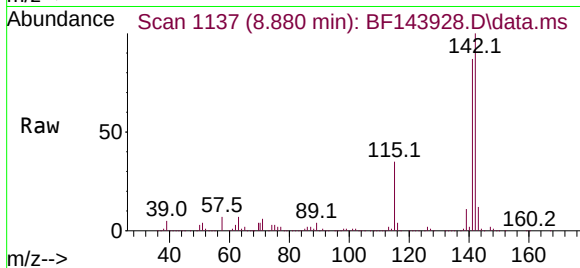
SS-01-0-1MS

Tgt Ion:142 Resp: 542952

Ion Ratio Lower Upper

142 100

141 86.9 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.895 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF143928.D

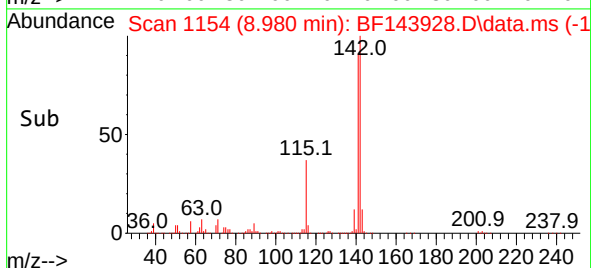
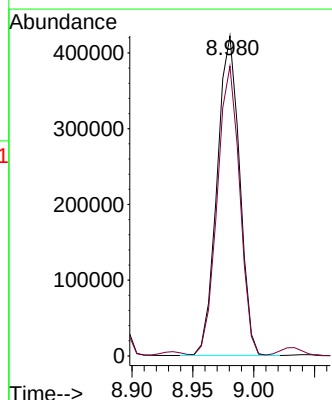
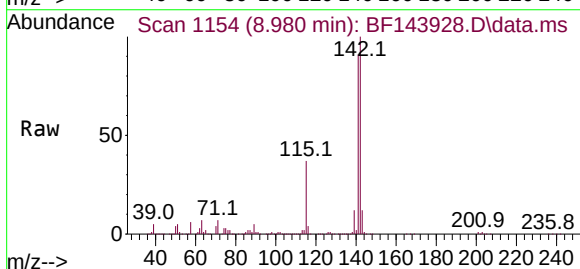
Acq: 10 Oct 2025 16:49

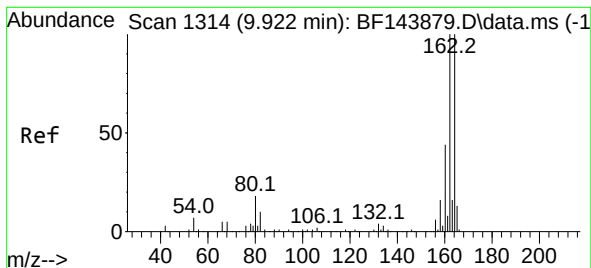
Tgt Ion:142 Resp: 543024

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

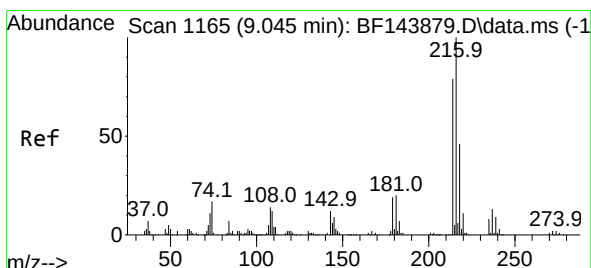
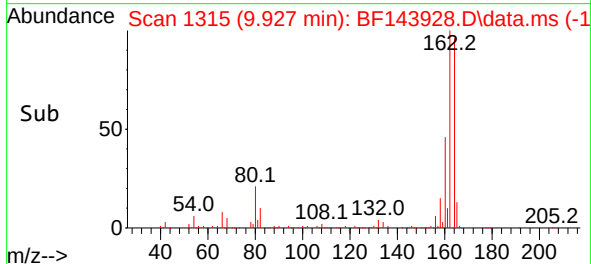
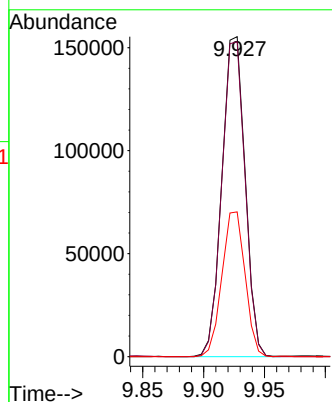
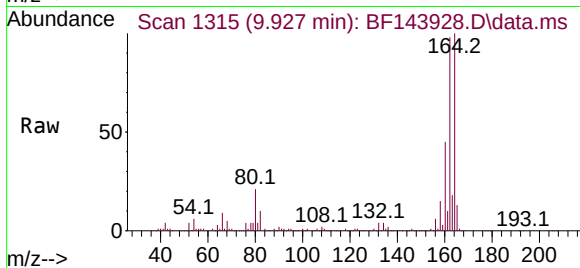
Tgt Ion:164 Resp: 206322

Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.2

160 45.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.371 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Tgt Ion:216 Resp: 321453

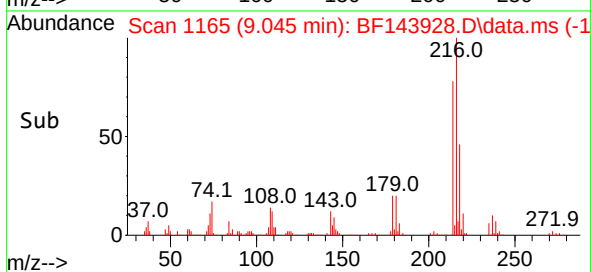
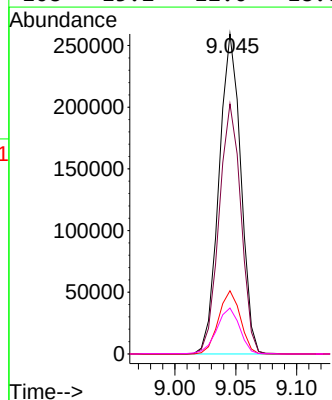
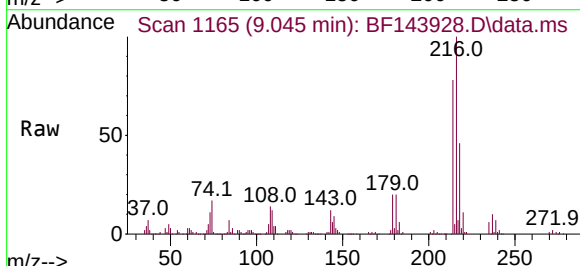
Ion Ratio Lower Upper

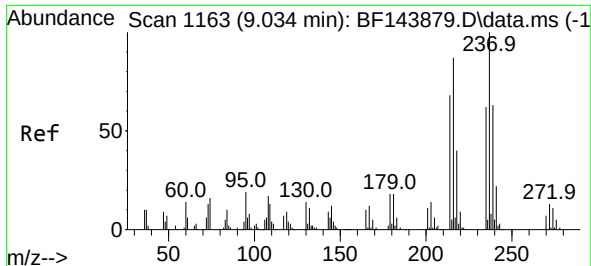
216 100

214 78.3 62.6 94.0

179 19.7 15.4 23.0

108 15.2 12.0 18.0

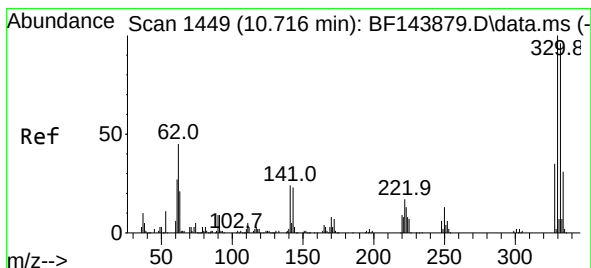
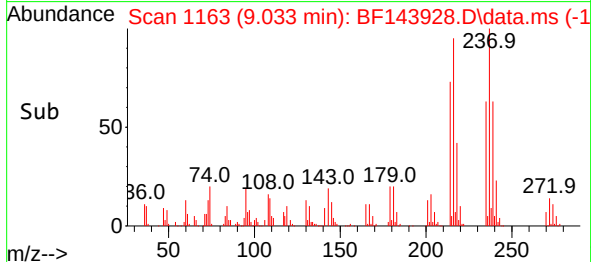
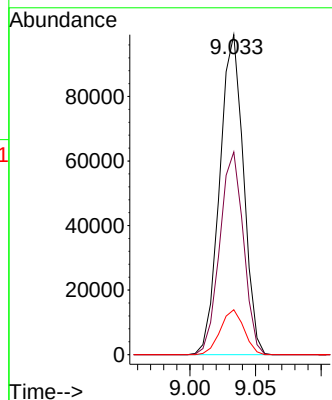
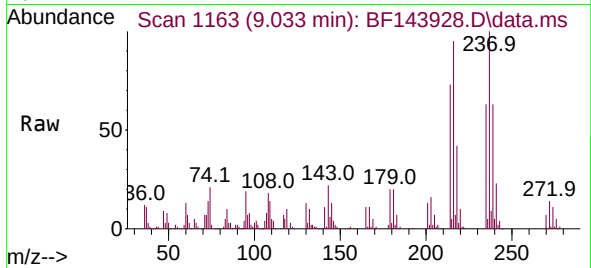




#41
Hexachlorocyclopentadiene
Concen: 52.887 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

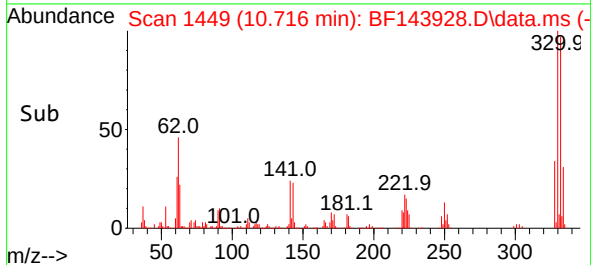
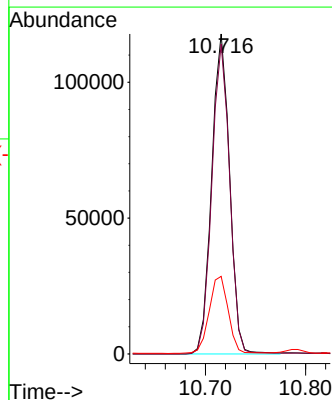
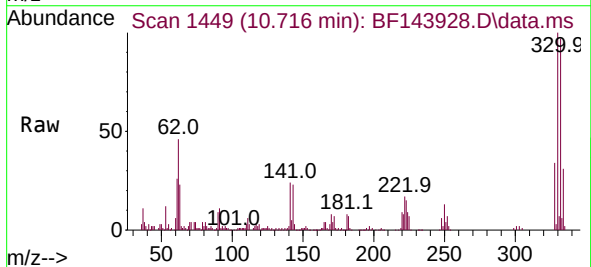
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

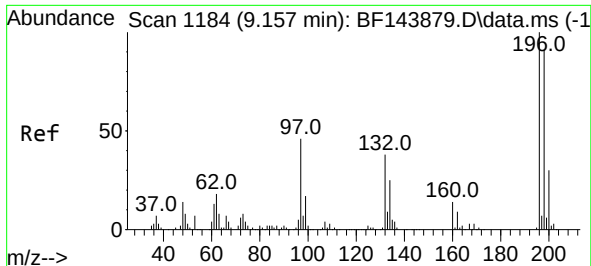
Tgt Ion:237 Resp: 125116
Ion Ratio Lower Upper
237 100
235 63.3 42.3 82.3
272 14.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 71.041 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:330 Resp: 145989
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 25.6 20.2 30.4

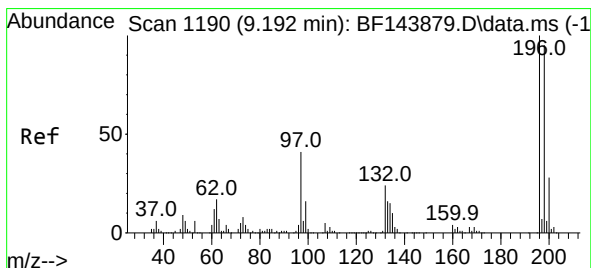
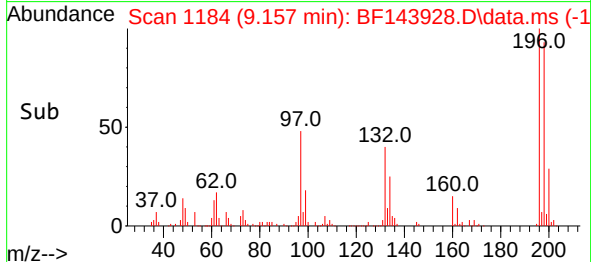
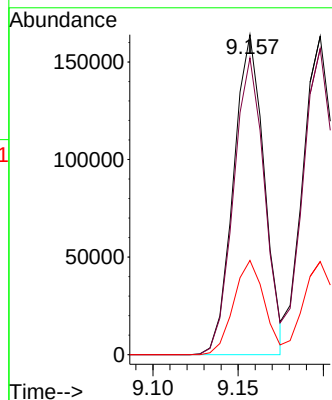
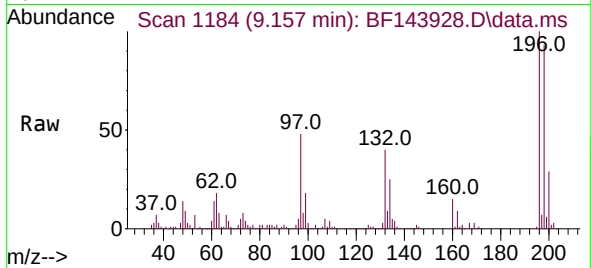




#43
2,4,6-Trichlorophenol
Concen: 49.287 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

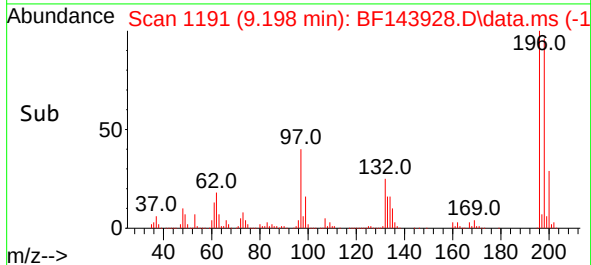
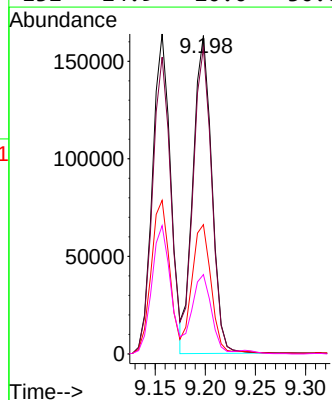
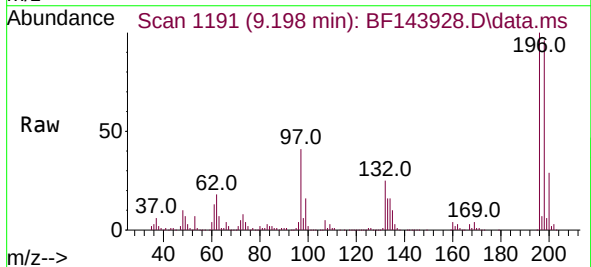
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

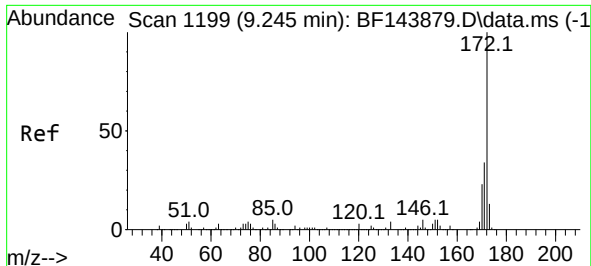
Tgt Ion:196 Resp: 205359
Ion Ratio Lower Upper
196 100
198 92.7 72.8 109.2
200 29.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 47.967 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:196 Resp: 211202
Ion Ratio Lower Upper
196 100
198 96.2 75.5 113.3
97 40.6 33.9 50.9
132 24.9 20.0 30.0

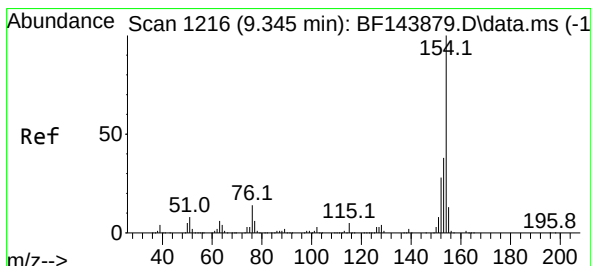
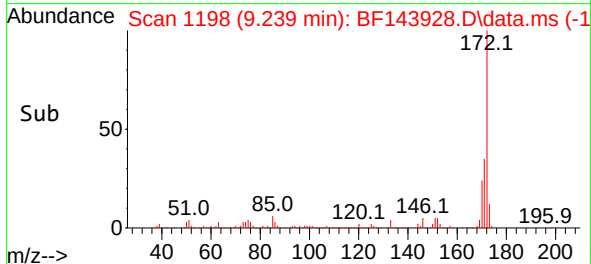
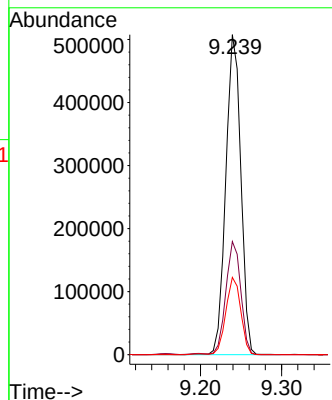
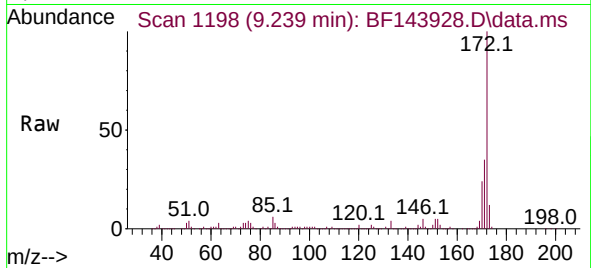




#45
2-Fluorobiphenyl
Concen: 50.045 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

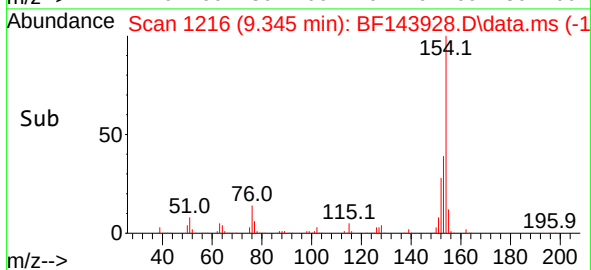
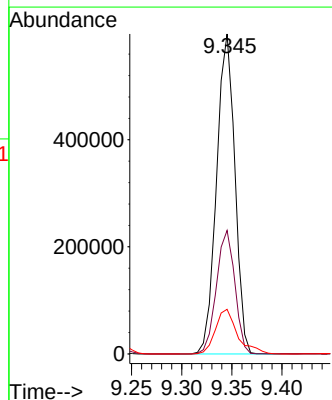
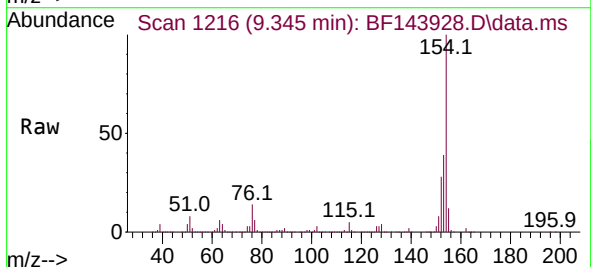
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

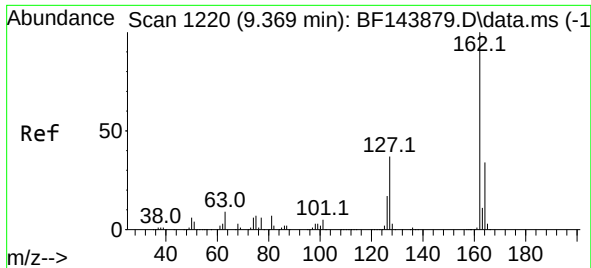
Tgt Ion:172 Resp: 650734
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 55.582 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:154 Resp: 759271
Ion Ratio Lower Upper
154 100
153 38.6 18.4 58.4
76 13.9 0.0 34.0

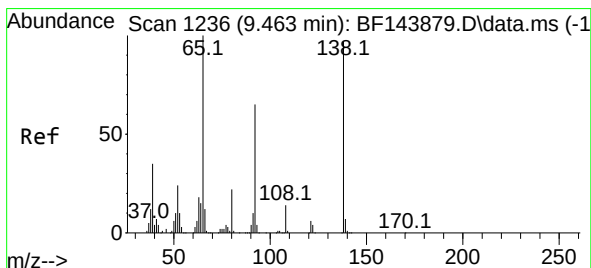
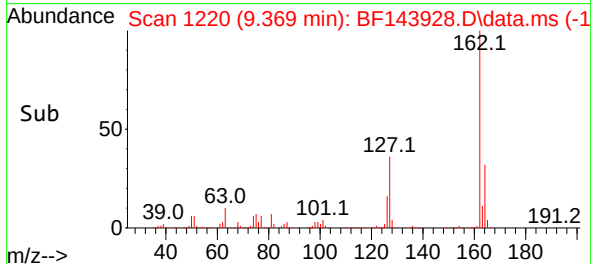
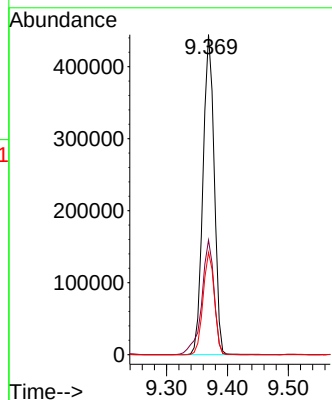
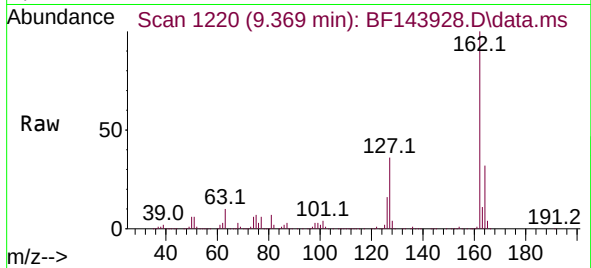




#47
2-Chloronaphthalene
Concen: 49.934 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

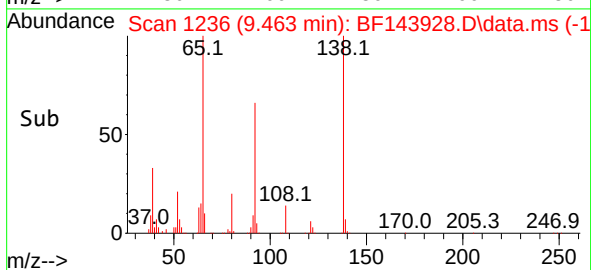
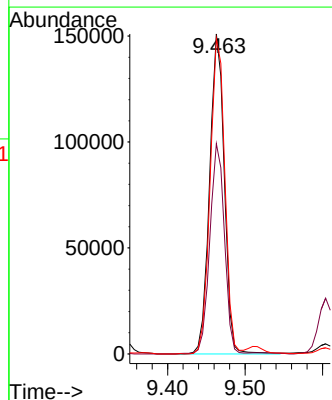
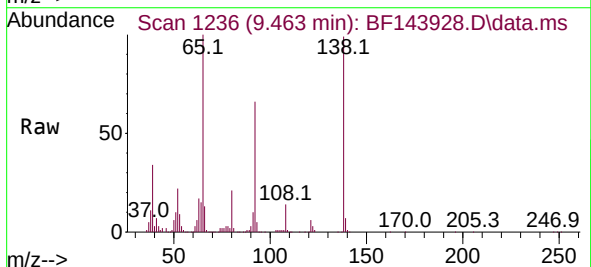
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

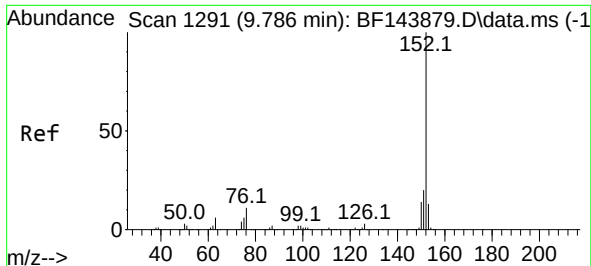
Tgt Ion:162 Resp: 568718
Ion Ratio Lower Upper
162 100
127 35.8 30.2 45.2
164 31.9 26.9 40.3



#48
2-Nitroaniline
Concen: 55.197 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion: 65 Resp: 198755
Ion Ratio Lower Upper
65 100
92 65.7 52.1 78.1
138 98.6 77.4 116.2

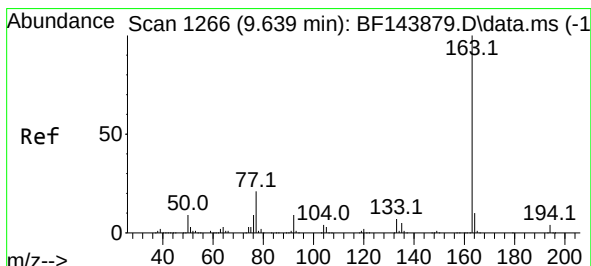
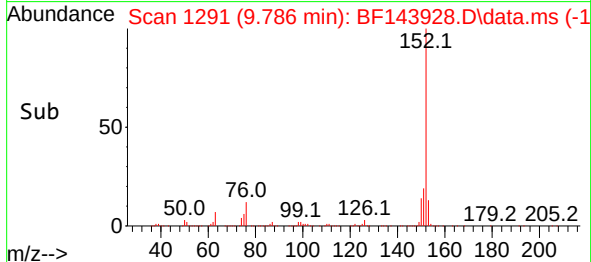
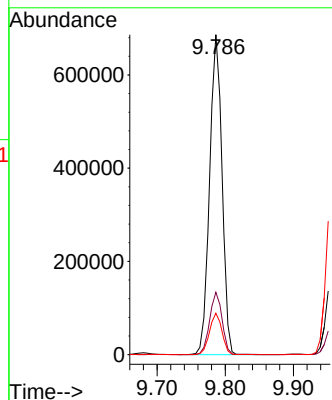
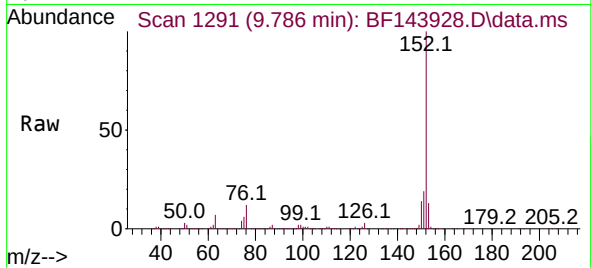




#49
Acenaphthylene
Concen: 54.326 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

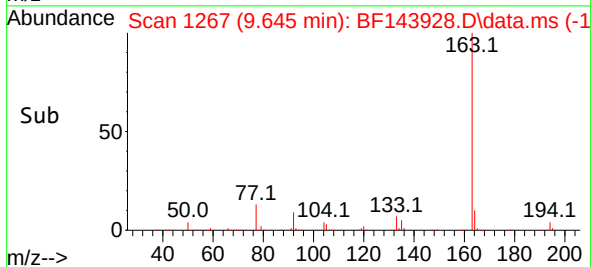
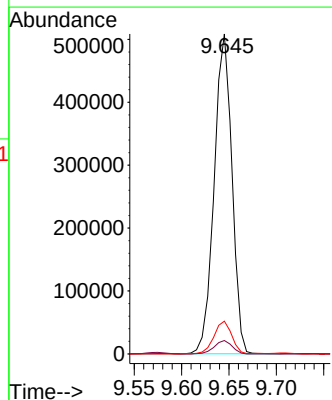
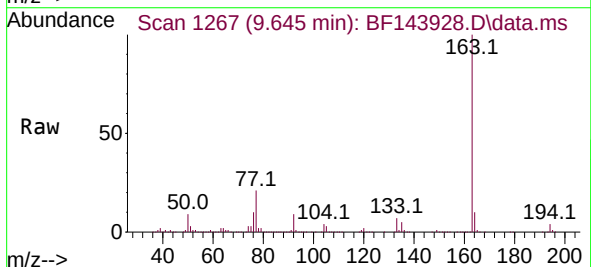
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

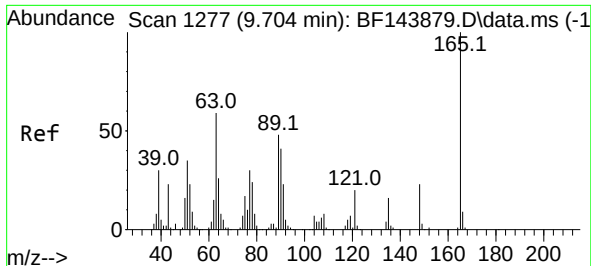
Tgt Ion:152 Resp: 869861
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 50.588 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:163 Resp: 662822
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.1 12.1

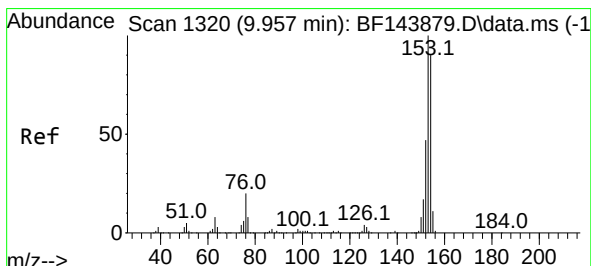
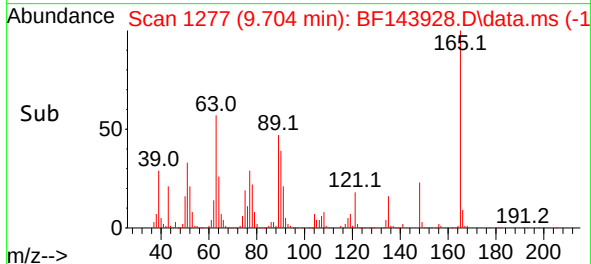
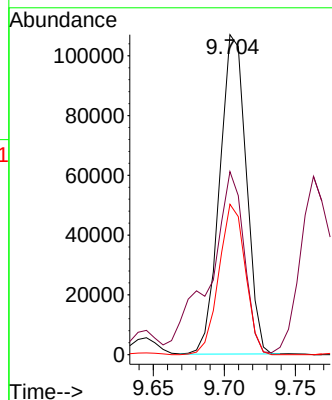
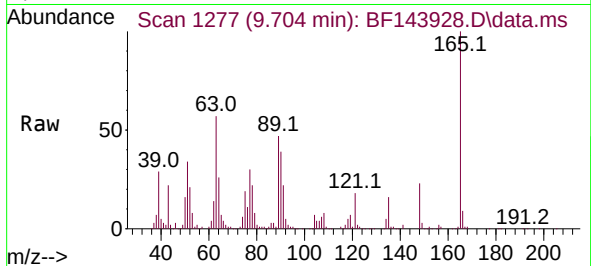




#51
2,6-Dinitrotoluene
Concen: 57.245 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

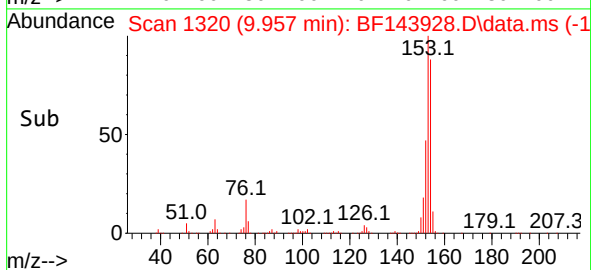
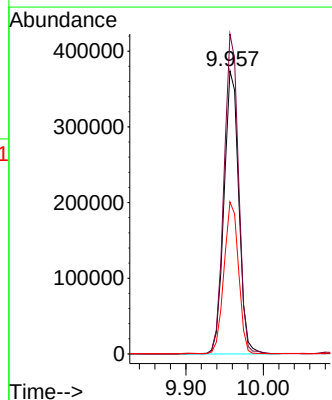
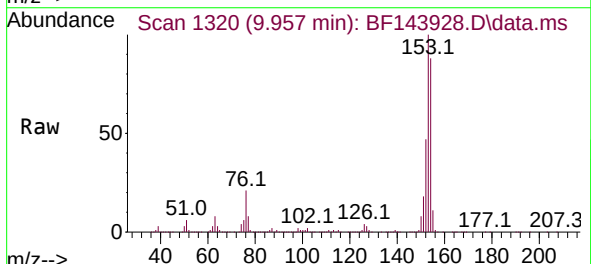
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

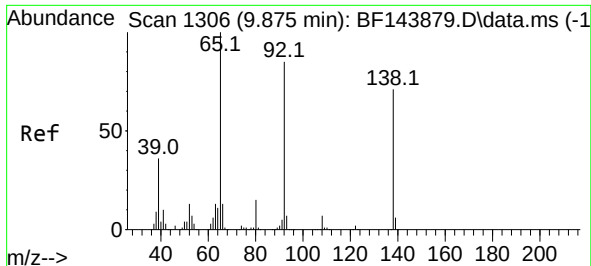
Tgt Ion:165 Resp: 139080
Ion Ratio Lower Upper
165 100
63 57.2 47.3 70.9
89 47.0 38.2 57.4



#52
Acenaphthene
Concen: 47.458 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:154 Resp: 497931
Ion Ratio Lower Upper
154 100
153 113.1 89.3 133.9
152 53.7 42.2 63.2

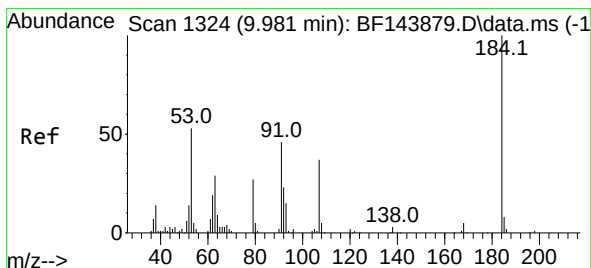
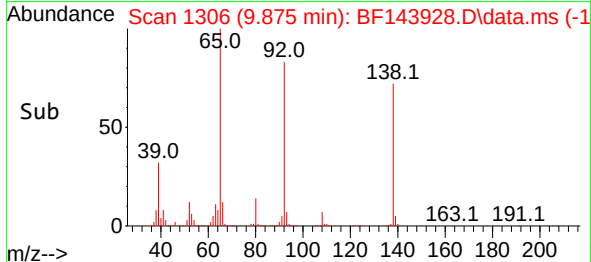
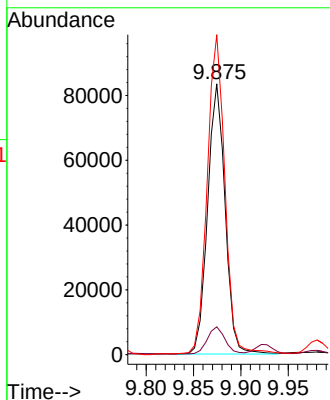
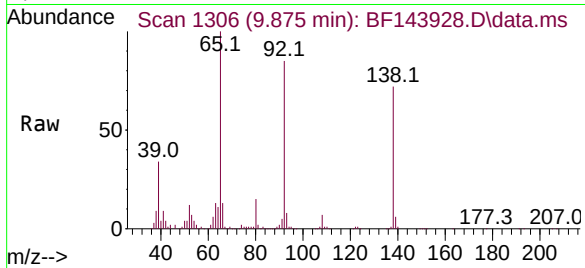




#53
3-Nitroaniline
Concen: 36.040 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

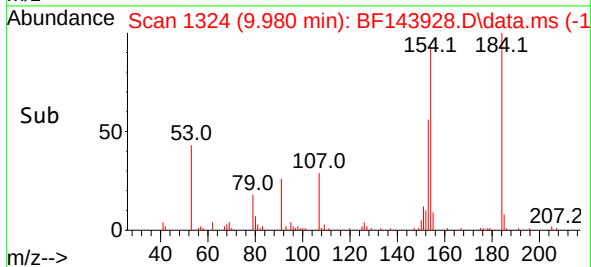
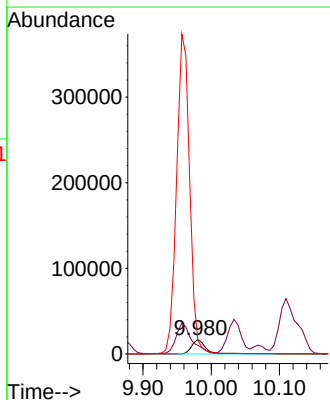
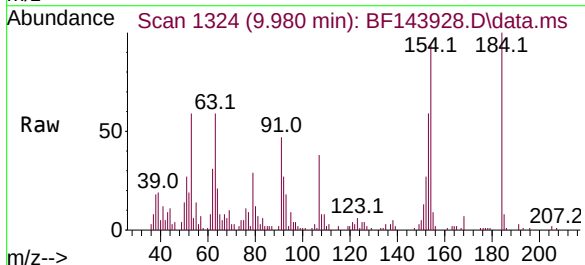
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

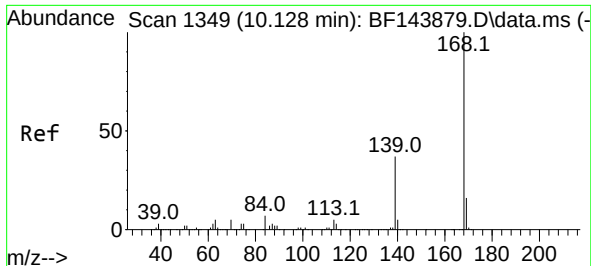
Tgt Ion:138 Resp: 107214
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 118.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 21.281 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:184 Resp: 23533
Ion Ratio Lower Upper
184 100
63 59.3 48.2 72.4
154 93.7 49.2 73.8#

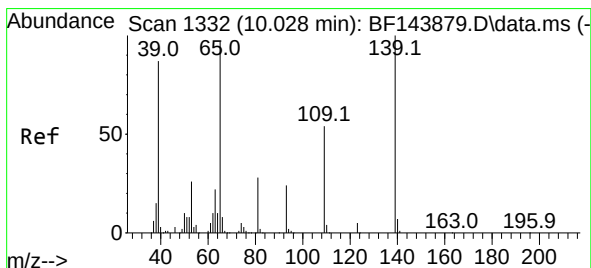
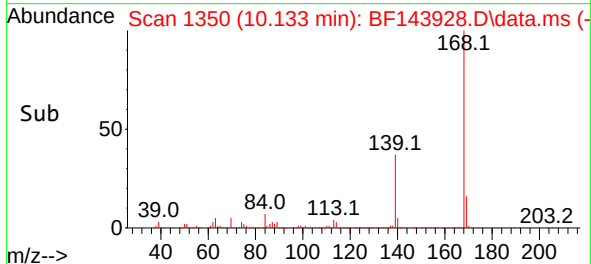
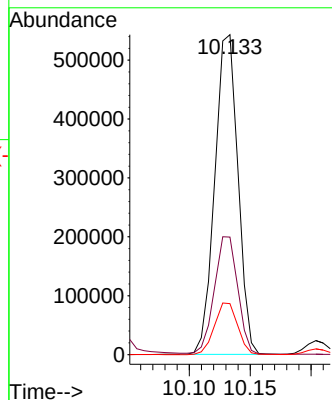
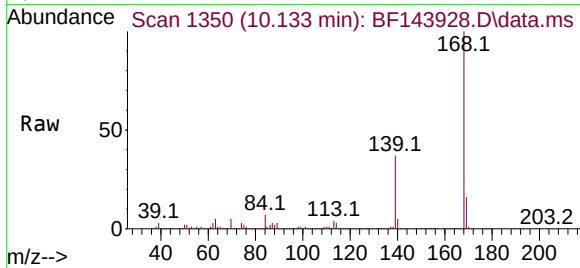




#55
Dibenzenofuran
Concen: 48.516 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

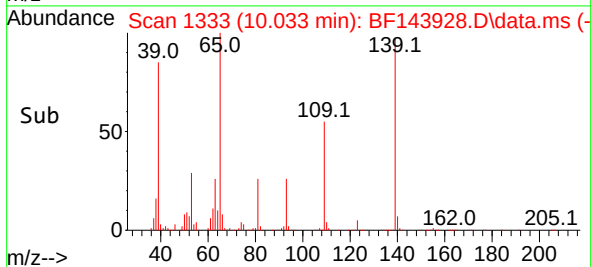
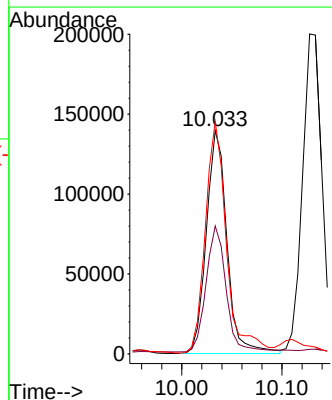
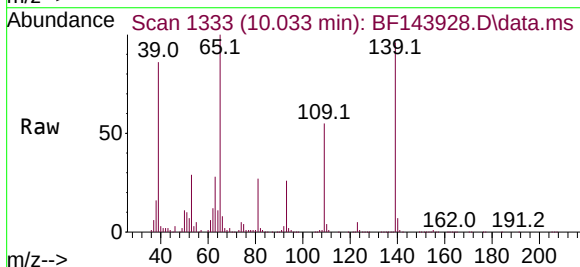
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

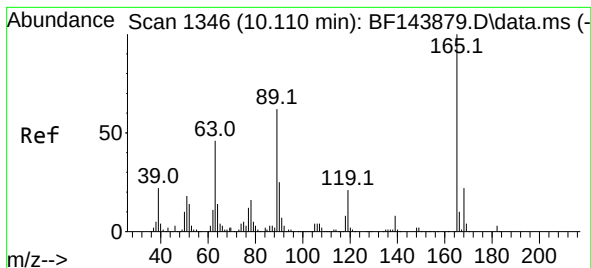
Tgt Ion:168 Resp: 718551
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 15.9 12.8 19.2



#56
4-Nitrophenol
Concen: 88.579 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:139 Resp: 199522
Ion Ratio Lower Upper
139 100
109 57.3 34.5 74.5
65 104.0 77.6 117.6

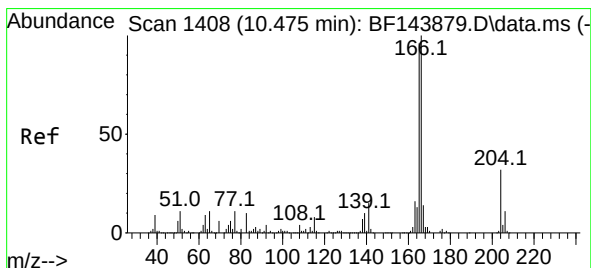
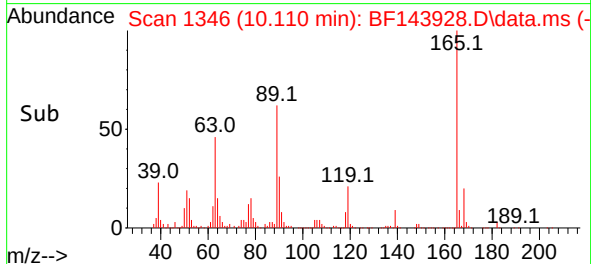
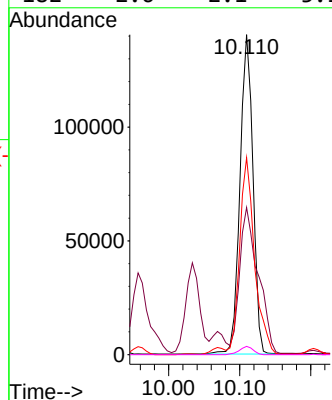
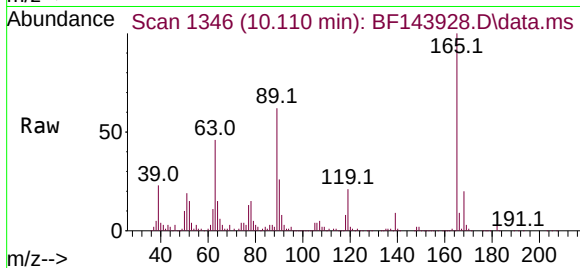




#57
2,4-Dinitrotoluene
Concen: 53.892 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

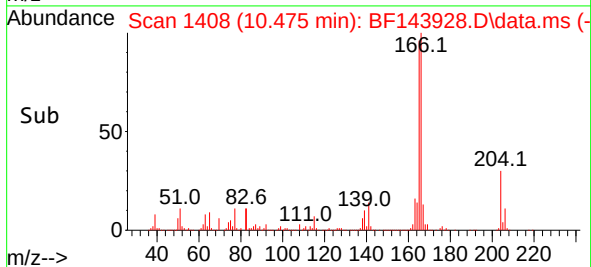
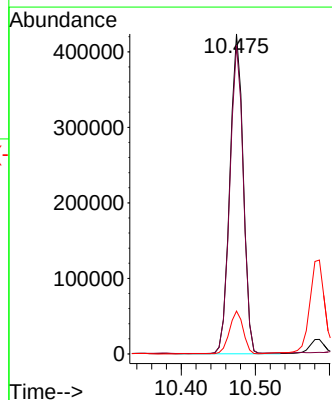
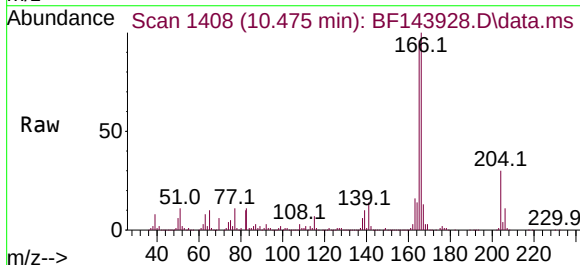
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

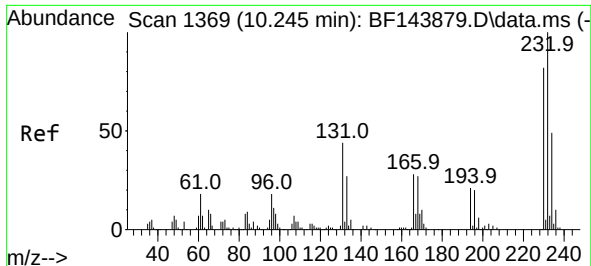
Tgt Ion:165 Resp: 178154
Ion Ratio Lower Upper
165 100
63 46.0 37.2 55.8
89 61.5 49.4 74.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 47.498 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:166 Resp: 530817
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.4 11.1 16.7

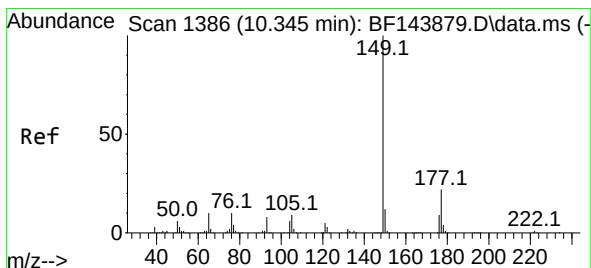
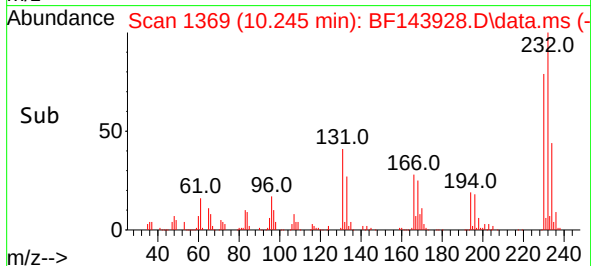
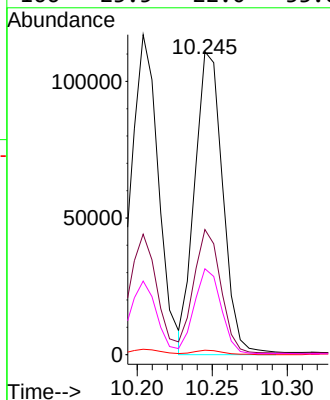
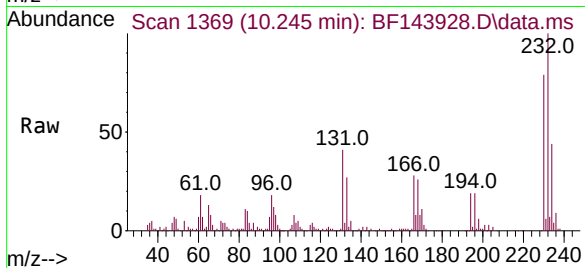




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.460 ng m
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

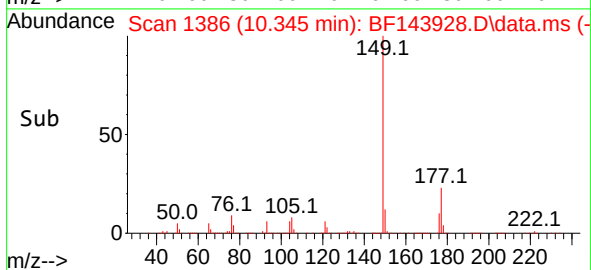
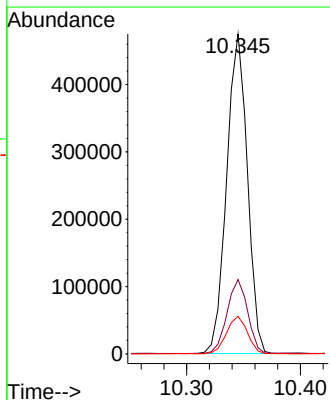
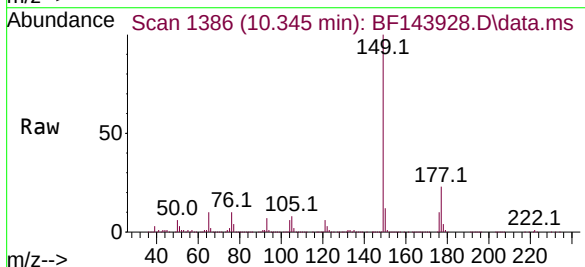
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

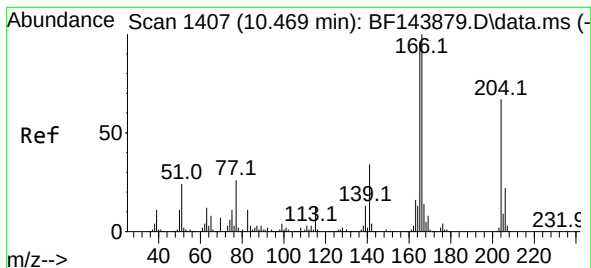
Tgt Ion:232 Resp: 144809
Ion Ratio Lower Upper
232 100
131 39.4 34.9 52.3
130 2.0 1.6 2.4
166 23.5 22.0 33.0



#60
Diethylphthalate
Concen: 49.333 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:149 Resp: 600486
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 11.7 9.8 14.8

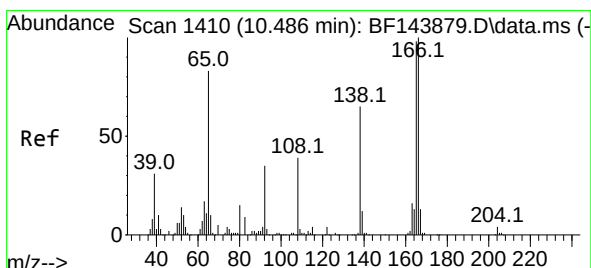
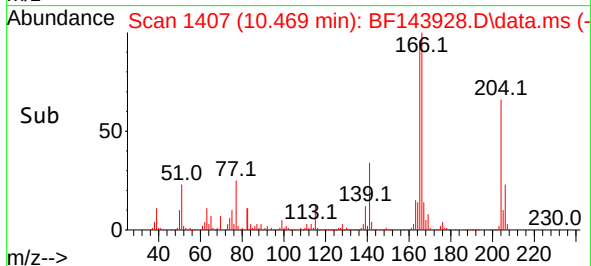
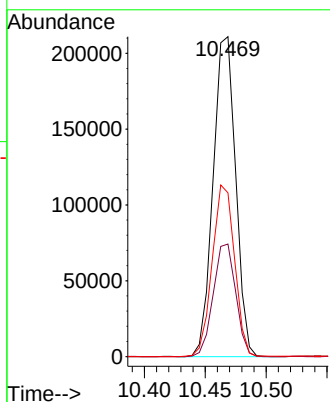
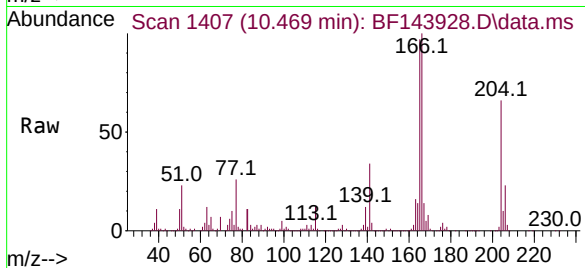




#61
4-Chlorophenyl-phenylether
Concen: 45.952 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

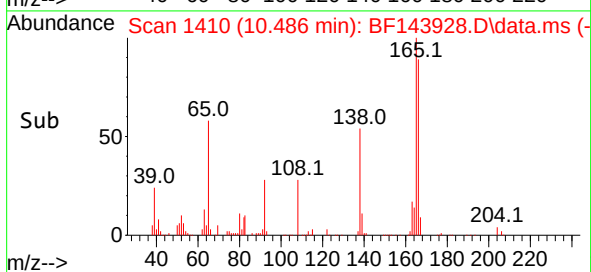
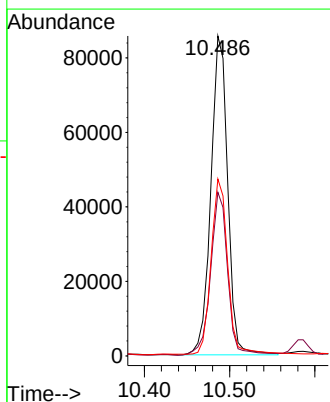
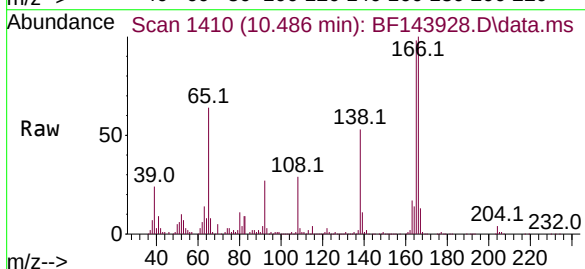
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

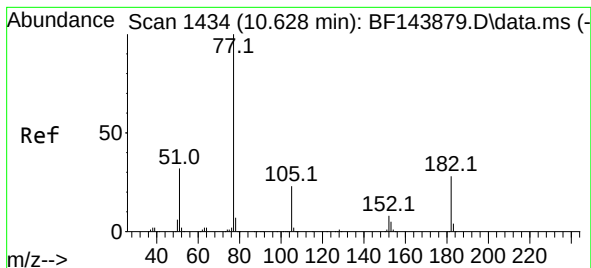
Tgt Ion:204 Resp: 271508
Ion Ratio Lower Upper
204 100
206 35.2 26.6 40.0
141 51.2 40.4 60.6



#62
4-Nitroaniline
Concen: 41.026 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:138 Resp: 117365
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 55.3 40.2 80.2





#63

Azobenzene

Concen: 51.414 ng

RT: 10.627 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

Tgt Ion: 77 Resp: 654068

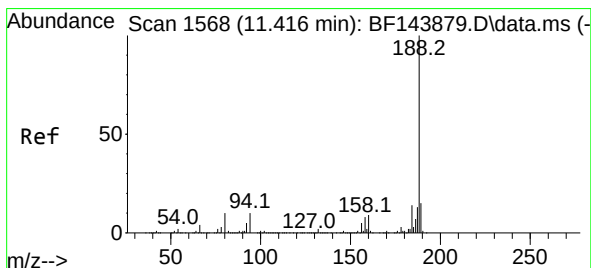
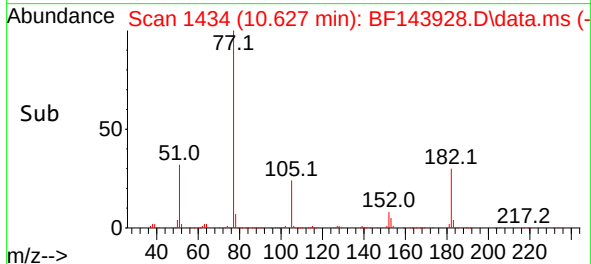
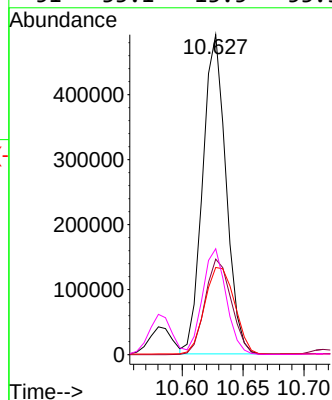
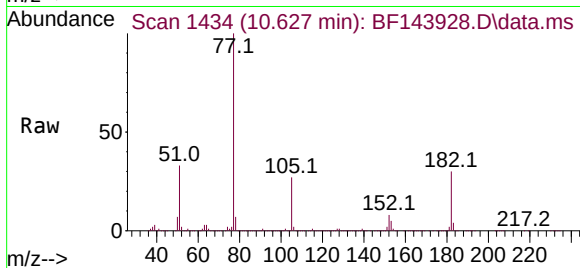
Ion Ratio Lower Upper

77 100

182 29.8 7.3 47.3

105 27.2 3.0 43.0

51 33.1 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

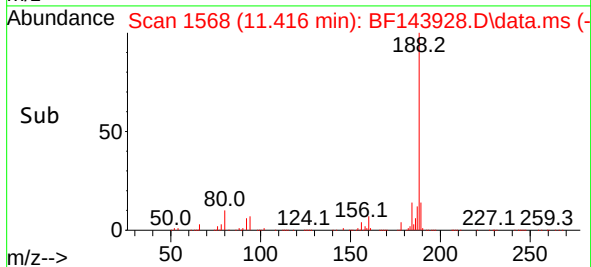
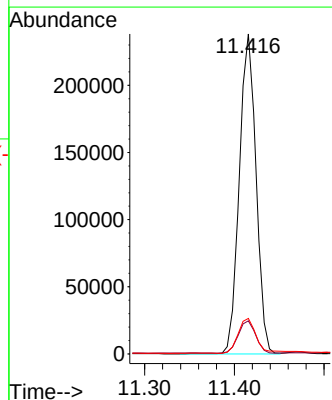
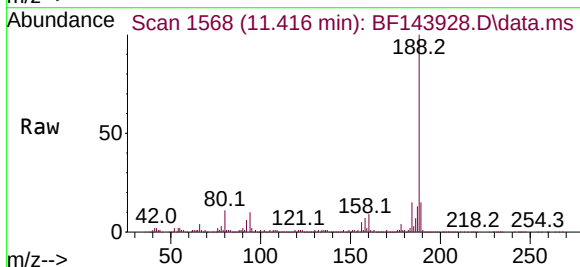
Tgt Ion:188 Resp: 308746

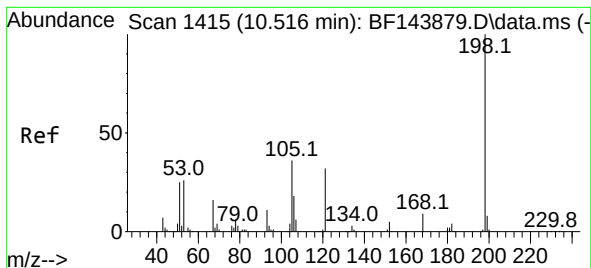
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 11.1 7.9 11.9

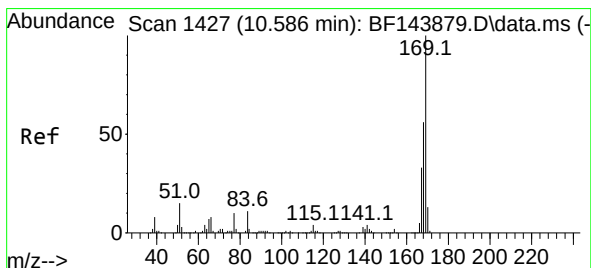
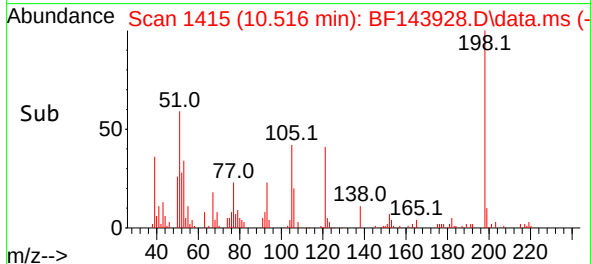
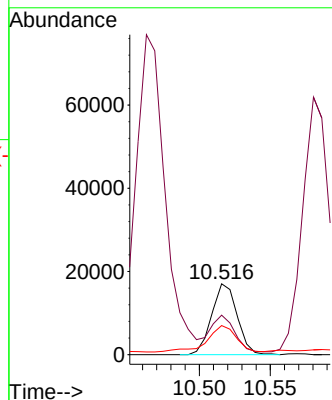
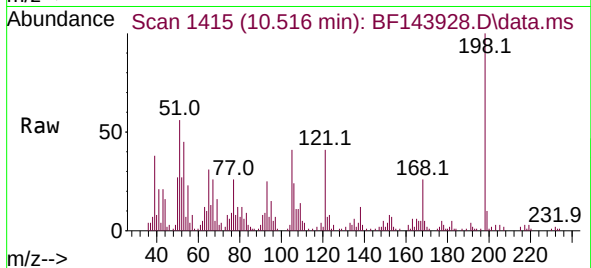




#65
4,6-Dinitro-2-methylphenol
Concen: 13.688 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

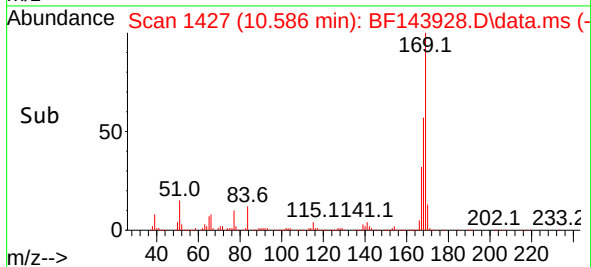
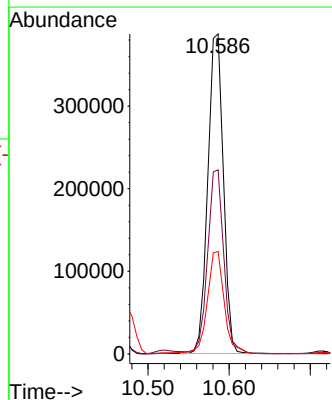
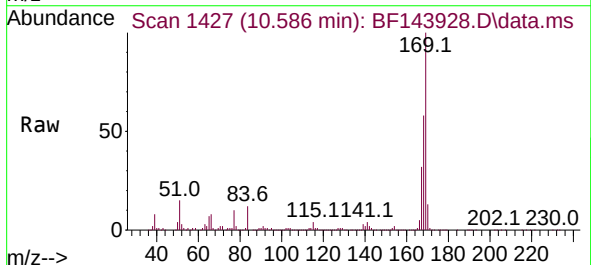
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

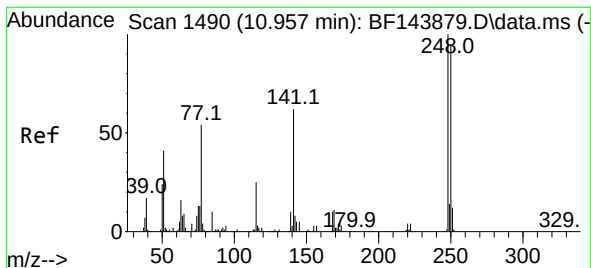
Tgt Ion:198 Resp: 21237
Ion Ratio Lower Upper
198 100
51 55.8 33.8 73.8
105 41.1 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 53.198 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:169 Resp: 515716
Ion Ratio Lower Upper
169 100
168 57.5 44.9 67.3
167 32.0 26.3 39.5

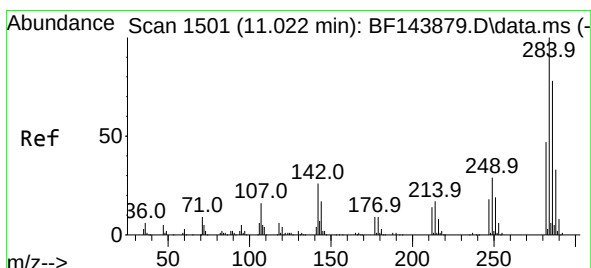
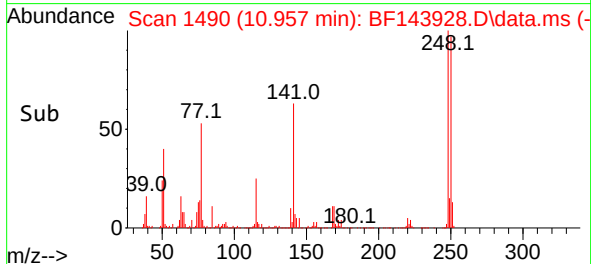
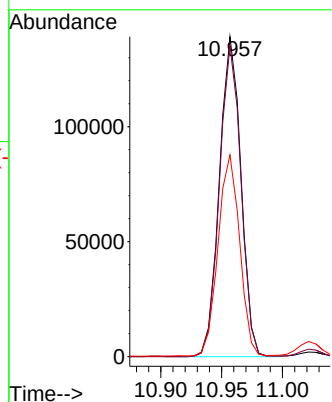
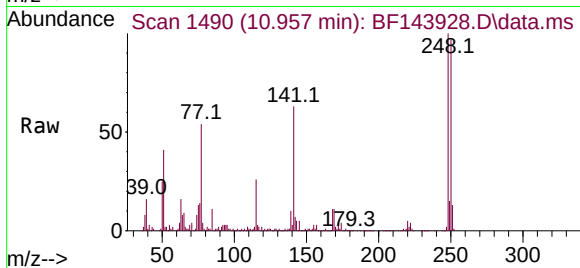




#67
4-Bromophenyl-phenylether
Concen: 50.316 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

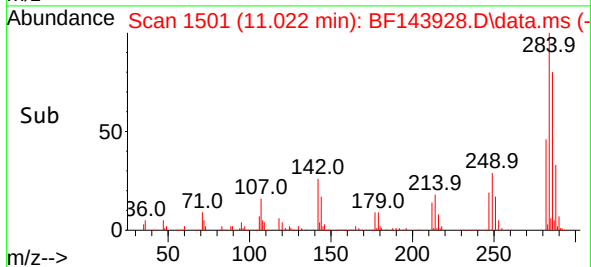
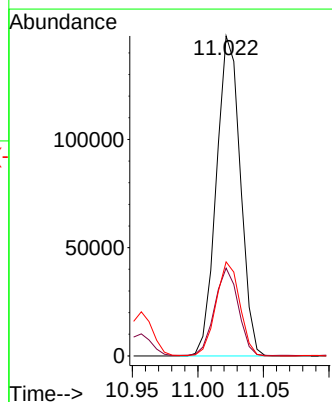
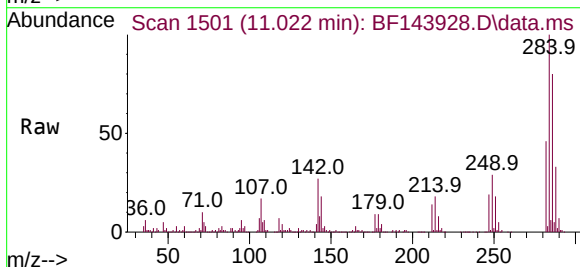
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

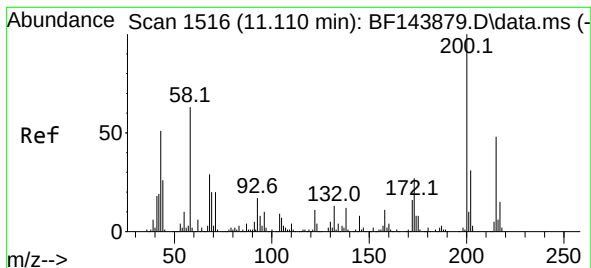
Tgt Ion:248 Resp: 171684
Ion Ratio Lower Upper
248 100
250 97.1 76.3 114.5
141 63.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.606 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:284 Resp: 188054
Ion Ratio Lower Upper
284 100
142 27.4 20.6 30.8
249 29.4 23.2 34.8





#69

Atrazine

Concen: 52.947 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

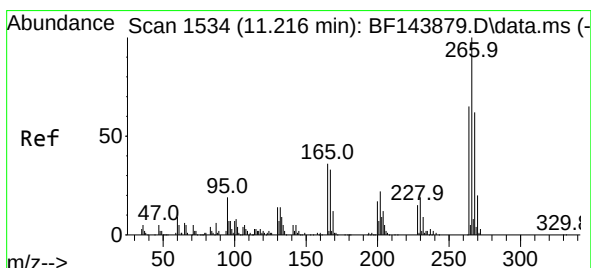
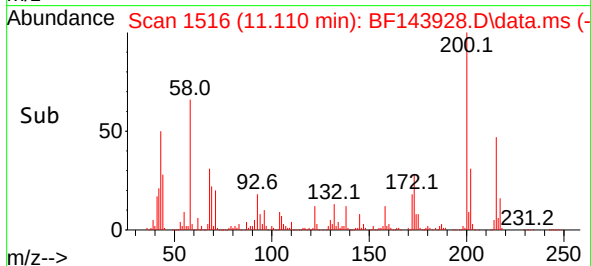
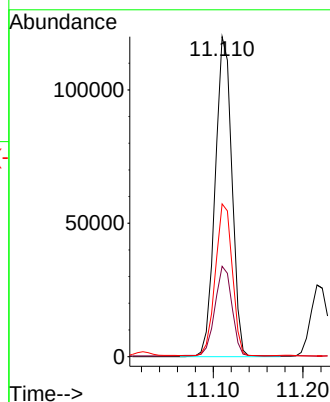
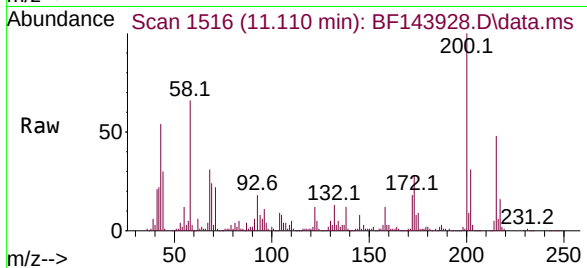
Tgt Ion:200 Resp: 155574

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

215 47.7 27.8 67.8



#70

Pentachlorophenol

Concen: 95.798 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

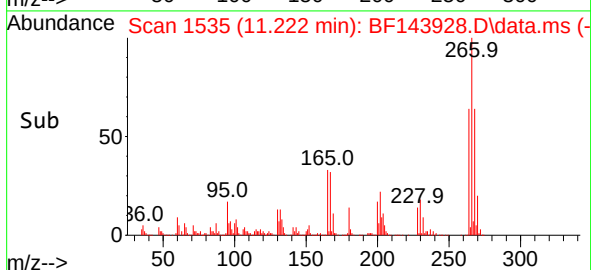
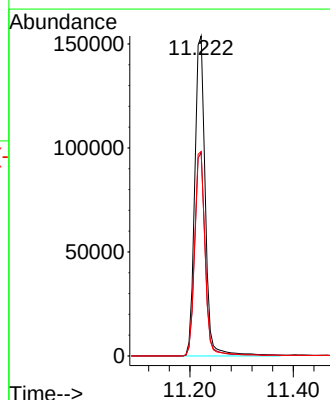
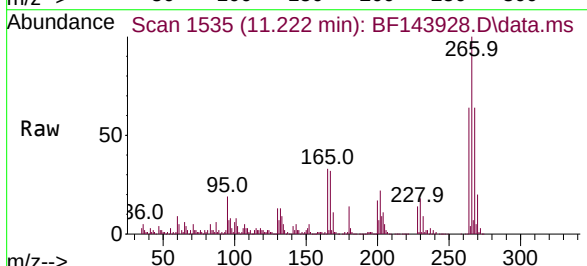
Tgt Ion:266 Resp: 217340

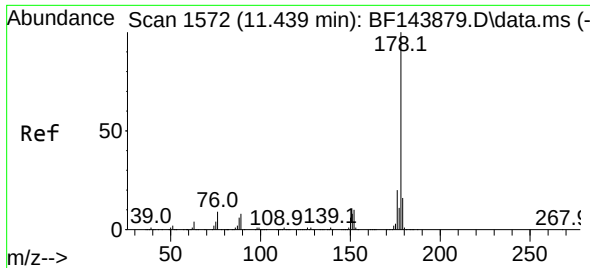
Ion Ratio Lower Upper

266 100

268 63.5 49.4 74.0

264 63.9 51.8 77.6

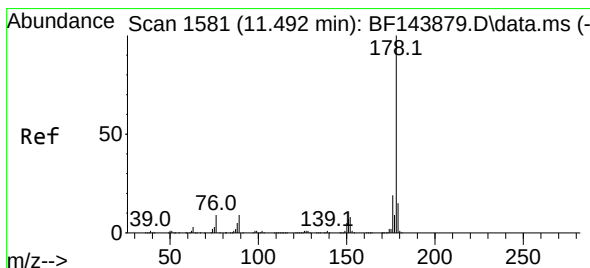
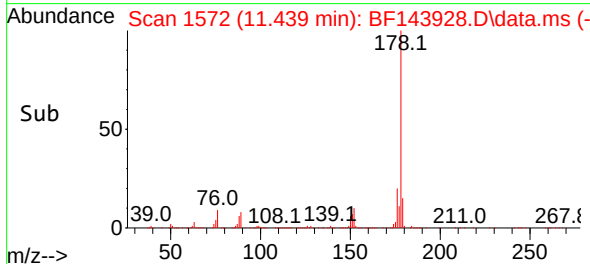
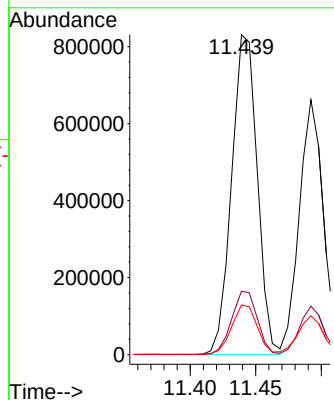
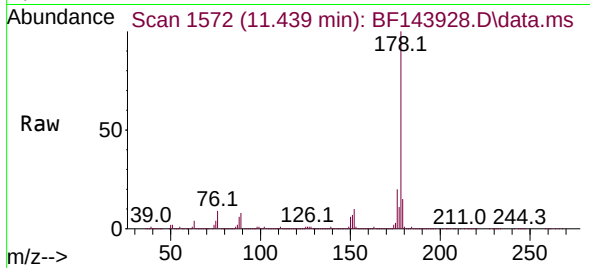




#71
Phenanthrene
Concen: 75.417 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

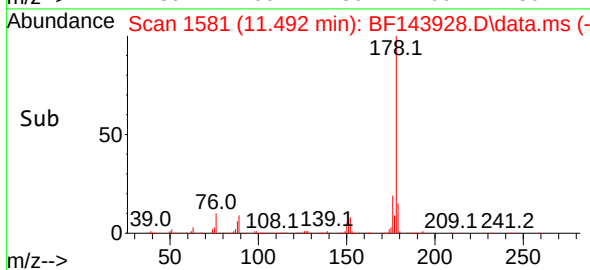
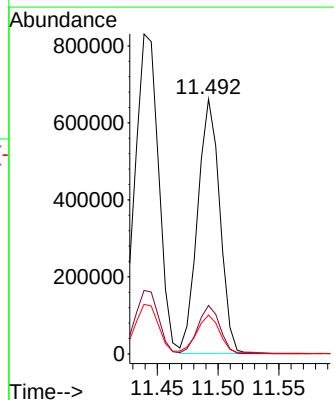
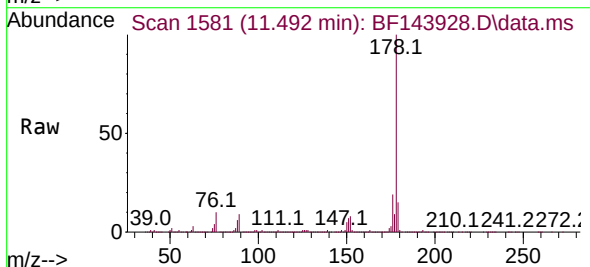
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

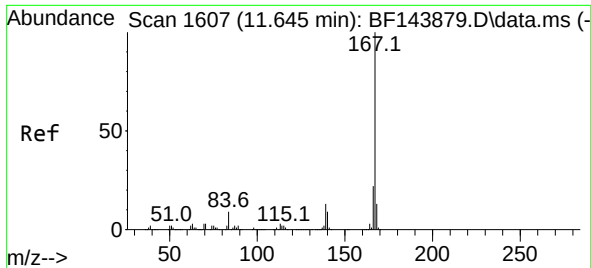
Tgt Ion:178 Resp: 1128850
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 55.112 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:178 Resp: 833372
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.2 12.2 18.2

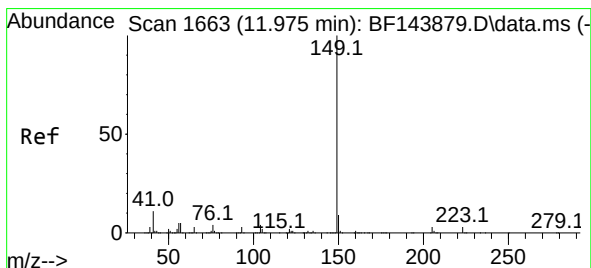
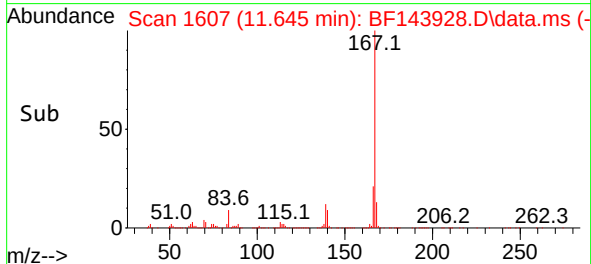
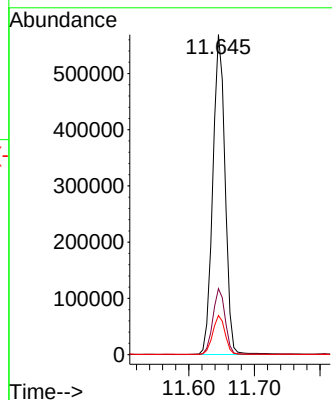
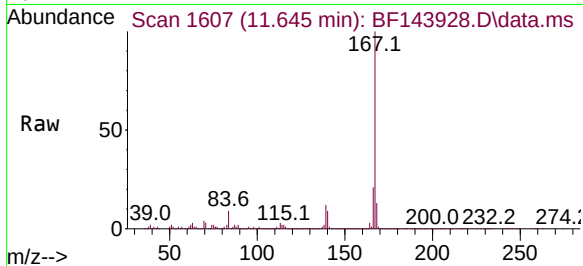




#73
 Carbazole
 Concen: 55.225 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

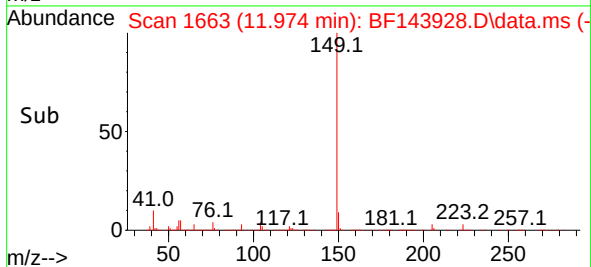
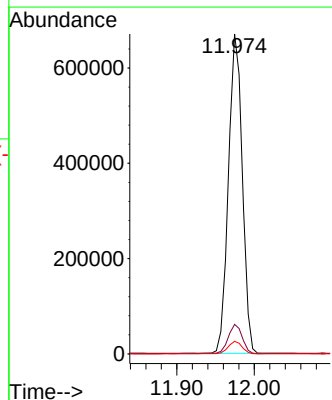
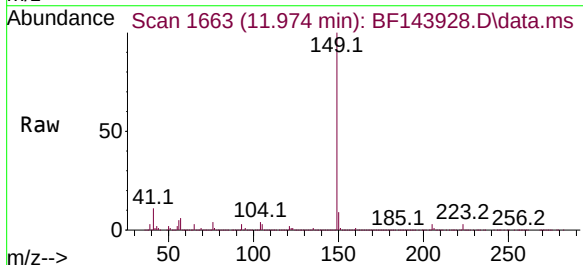
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MS

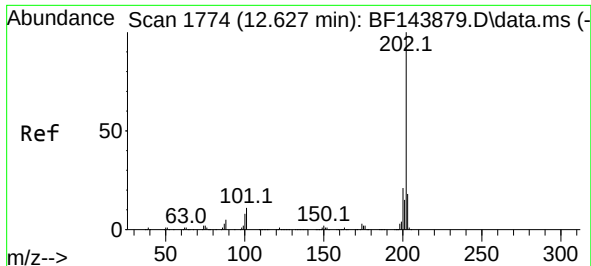
Tgt Ion:167 Resp: 739600
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.2 25.8
 139 12.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 53.855 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

Tgt Ion:149 Resp: 835911
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 3.9 3.4 5.2

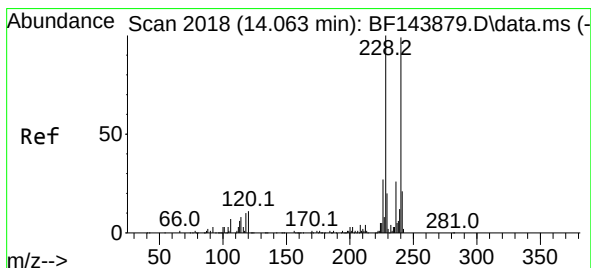
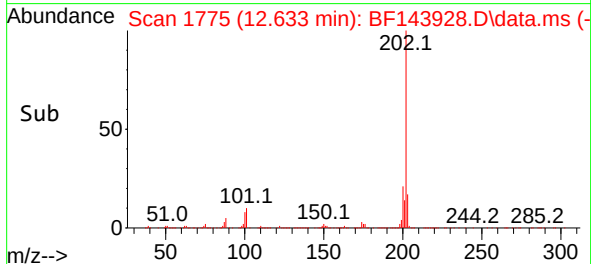
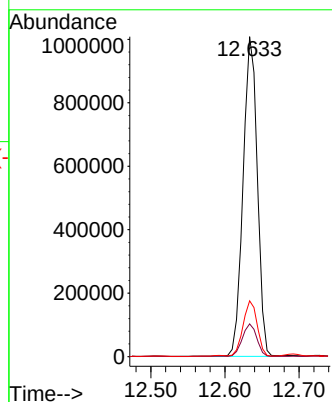
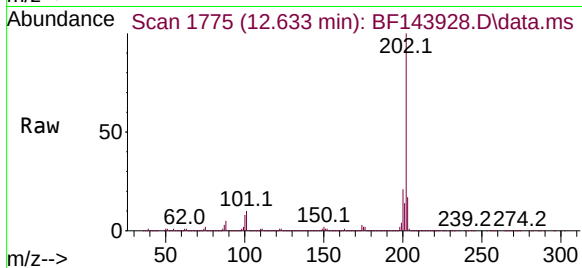




#75
Fluoranthene
Concen: 87.019 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

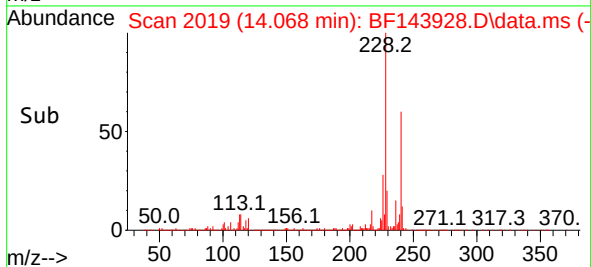
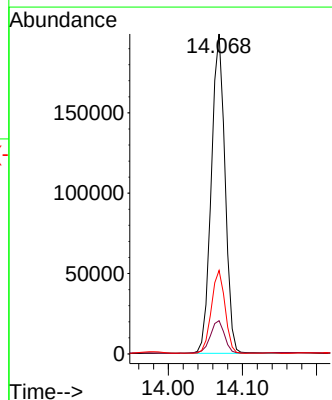
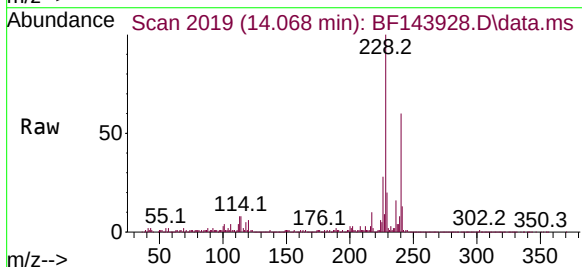
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

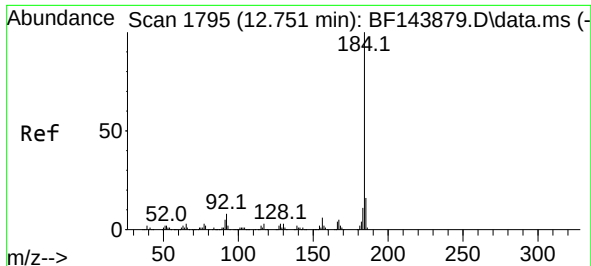
Tgt Ion:202 Resp: 1345400
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:240 Resp: 255306
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 26.1 21.1 31.7

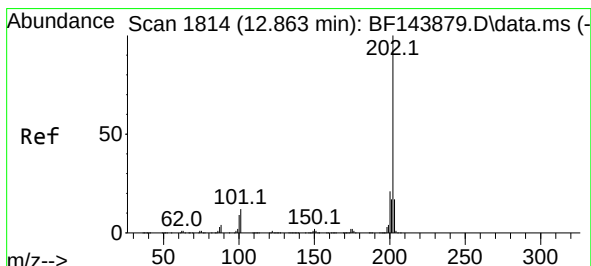
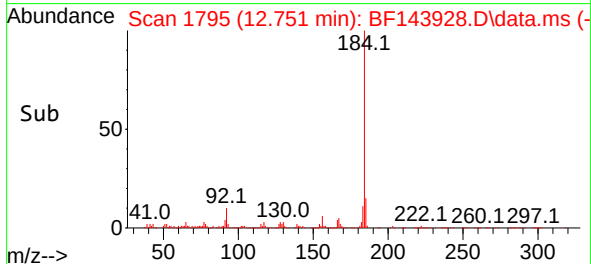
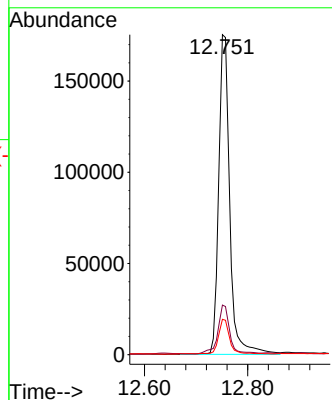
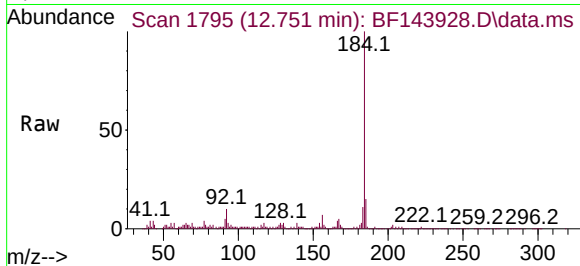




#77
Benzidine
Concen: 29.437 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

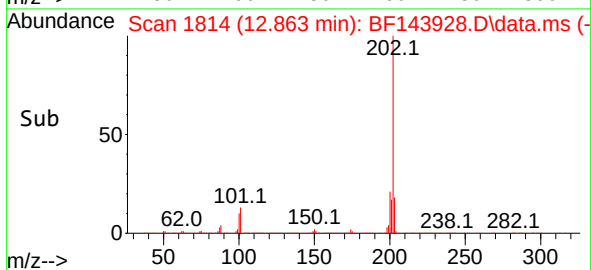
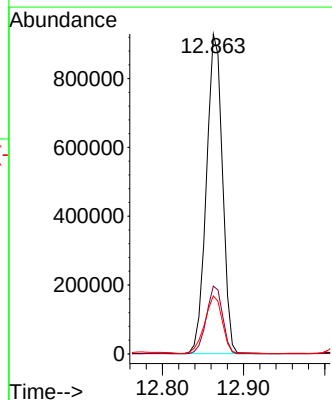
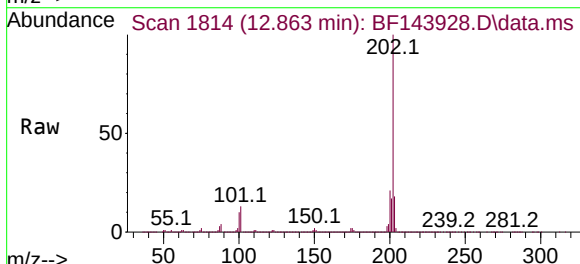
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

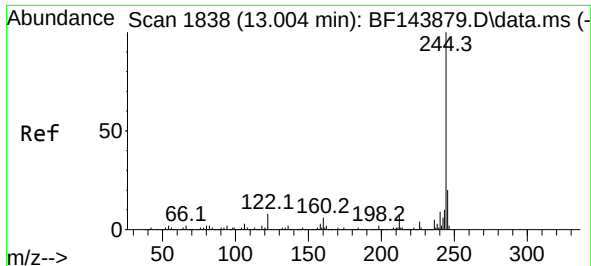
Tgt Ion:184 Resp: 260951
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 11.0 8.8 13.2



#78
Pyrene
Concen: 59.995 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:202 Resp: 1276972
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 18.1 13.8 20.6

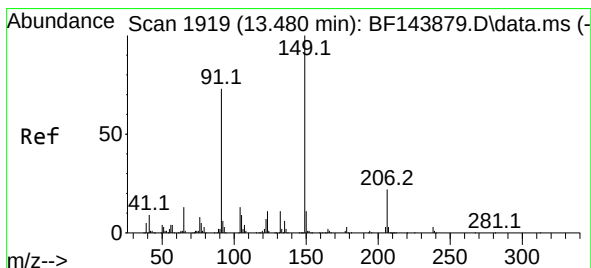
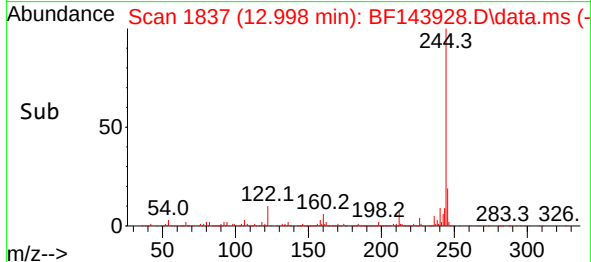
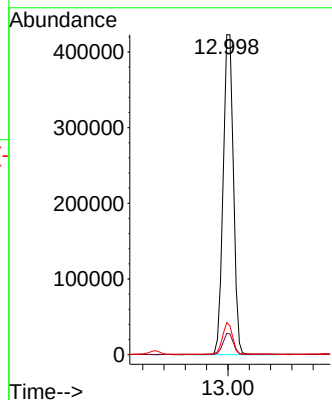
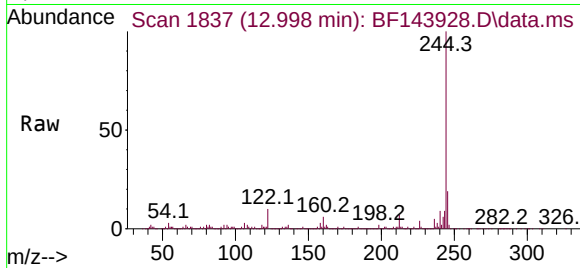




#79
 Terphenyl-d14
 Concen: 37.758 ng
 RT: 12.998 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

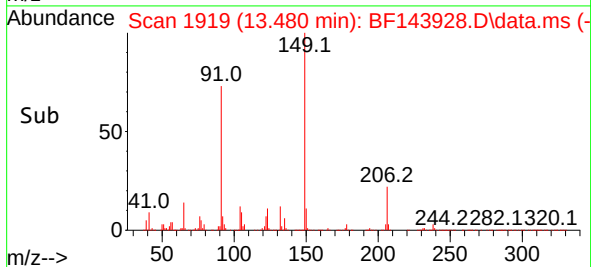
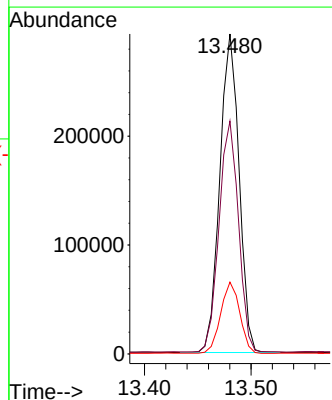
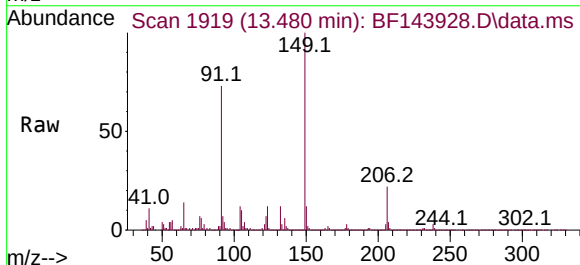
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MS

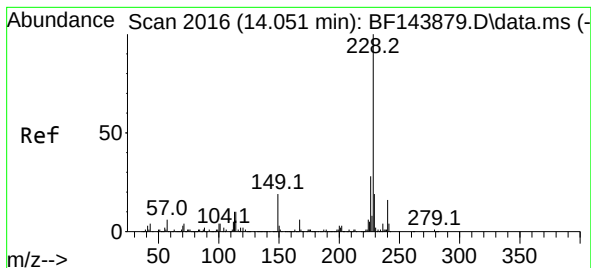
Tgt Ion:244 Resp: 564040
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.0 6.4 9.6#



#80
 Butylbenzylphthalate
 Concen: 53.370 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143928.D
 Acq: 10 Oct 2025 16:49

Tgt Ion:149 Resp: 368922
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.2 87.2
 206 22.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 68.405 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

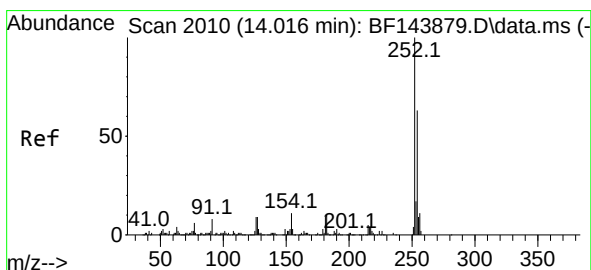
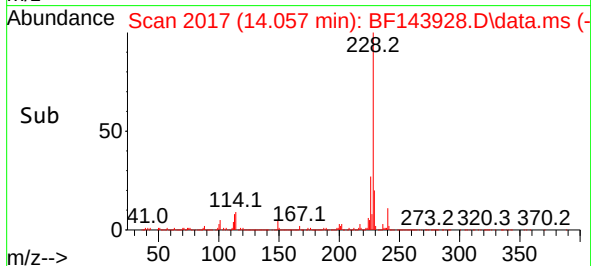
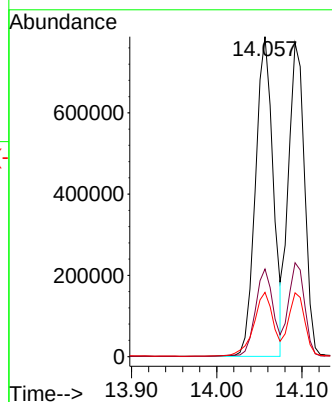
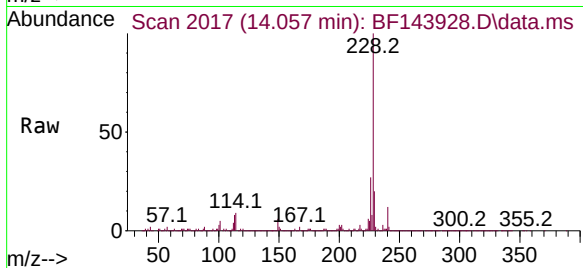
Tgt Ion:228 Resp: 1142872

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 46.826 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

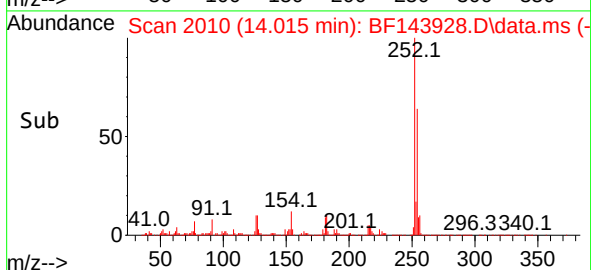
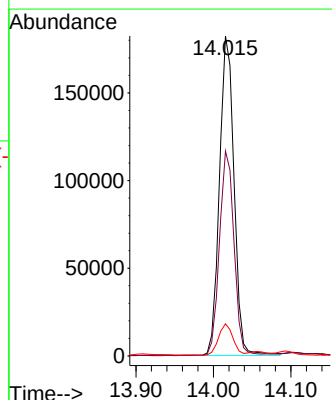
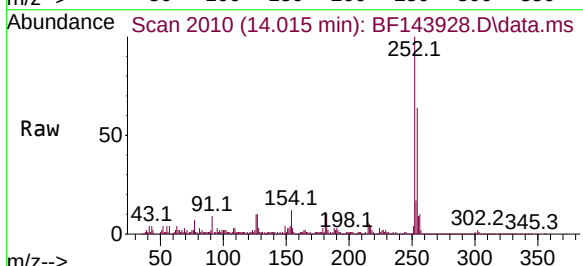
Tgt Ion:252 Resp: 238418

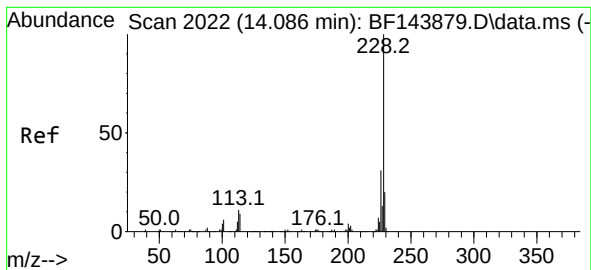
Ion Ratio Lower Upper

252 100

254 64.0 50.6 76.0

126 10.0 7.0 10.6





#83

Chrysene

Concen: 65.399 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

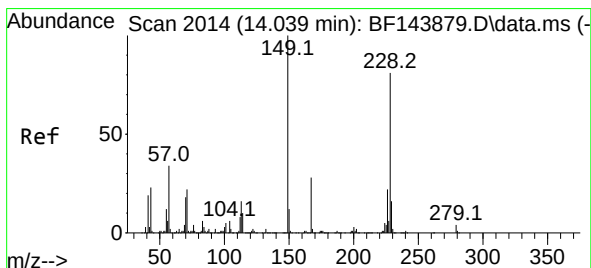
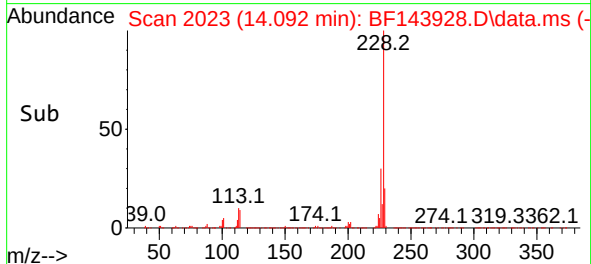
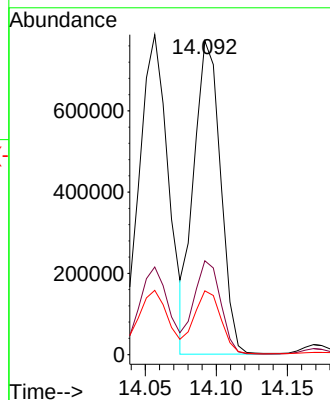
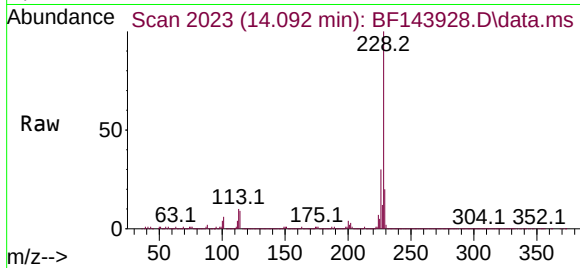
Tgt Ion:228 Resp: 1011269

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.034 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

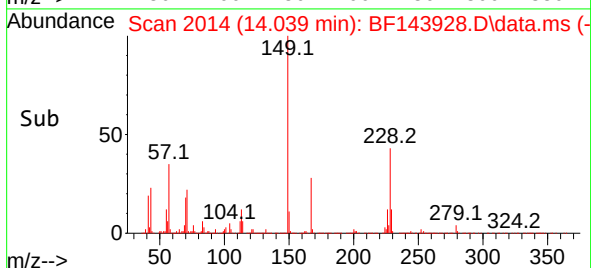
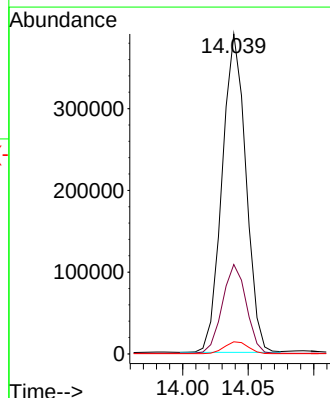
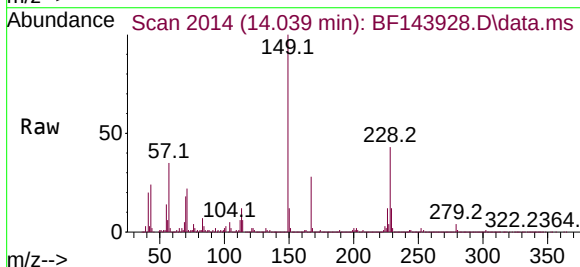
Tgt Ion:149 Resp: 491915

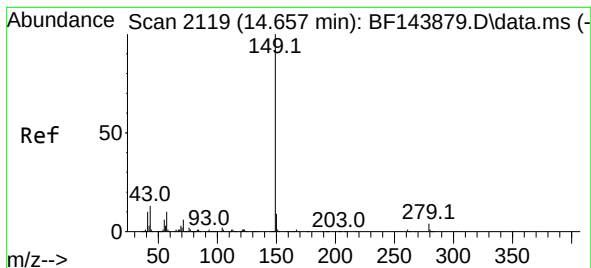
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 65.348 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

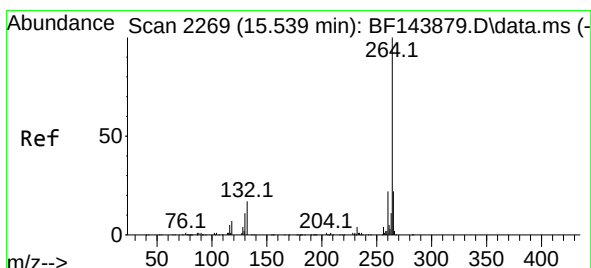
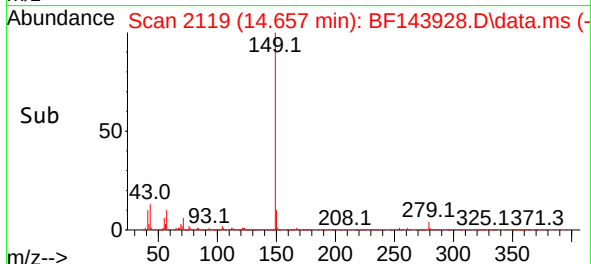
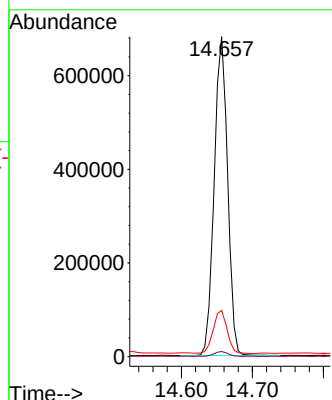
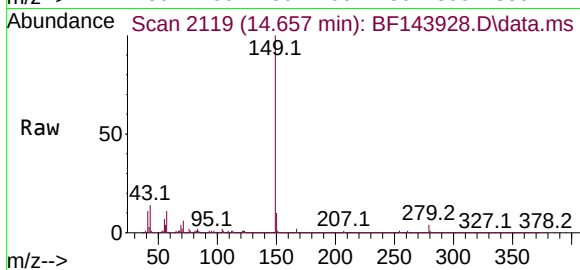
Tgt Ion:149 Resp: 894357

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.8 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

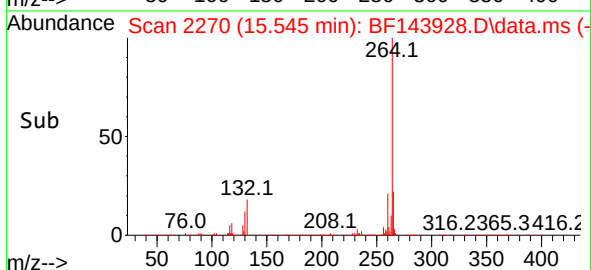
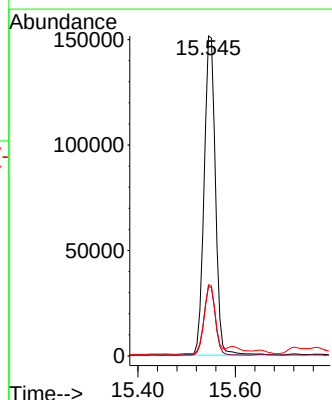
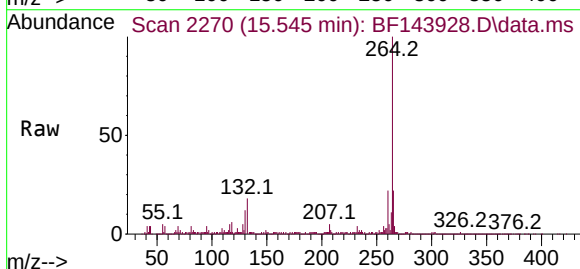
Tgt Ion:264 Resp: 243905

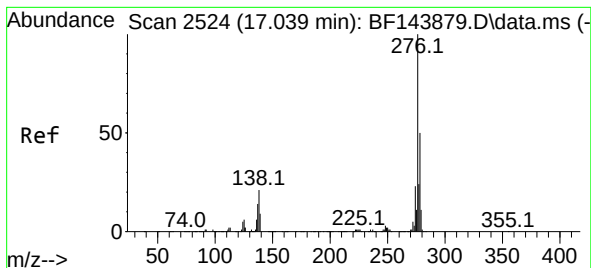
Ion Ratio Lower Upper

264 100

260 21.7 17.8 26.8

265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.703 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

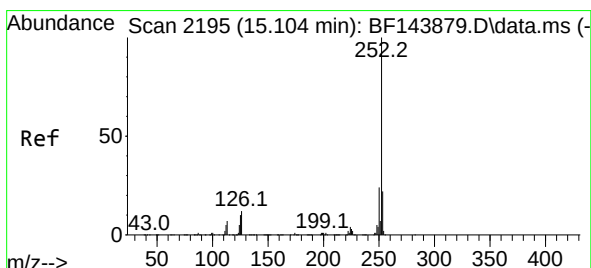
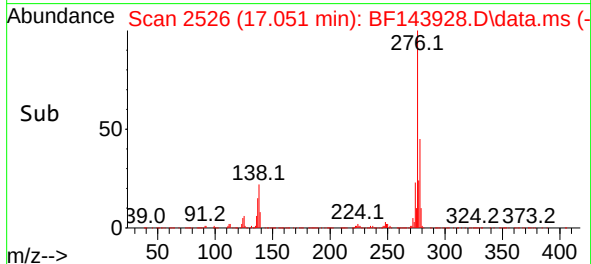
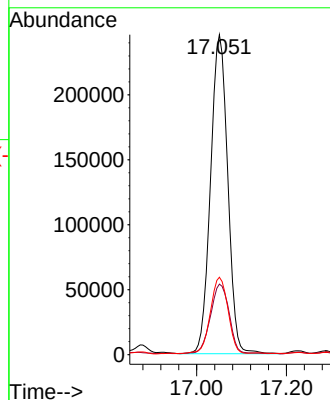
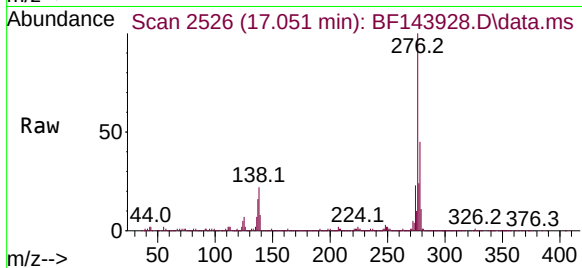
Tgt Ion:276 Resp: 653150

Ion Ratio Lower Upper

276 100

138 23.7 18.2 27.2

277 24.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 78.601 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

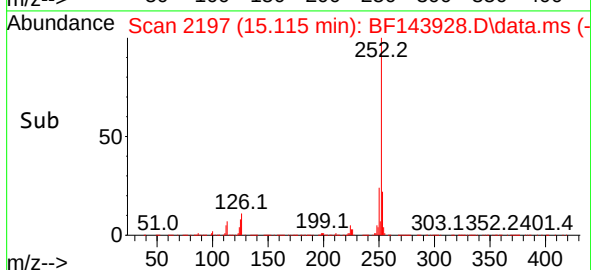
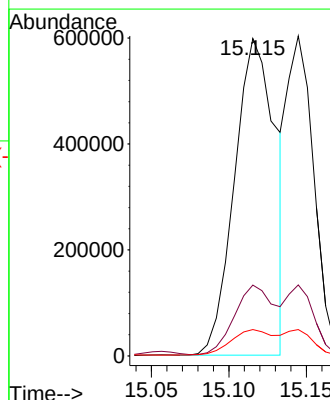
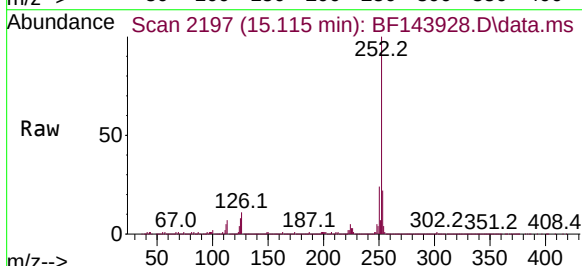
Tgt Ion:252 Resp: 1101256

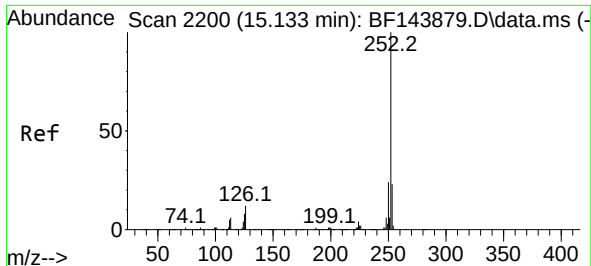
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 55.399 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MS

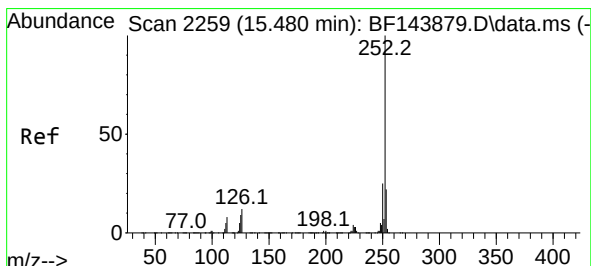
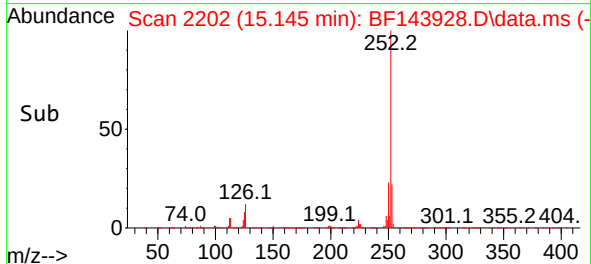
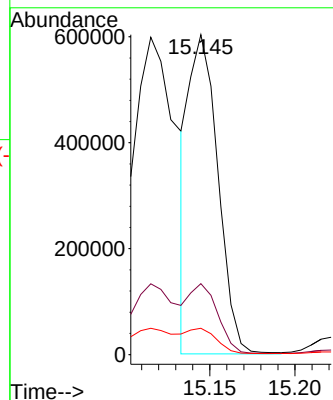
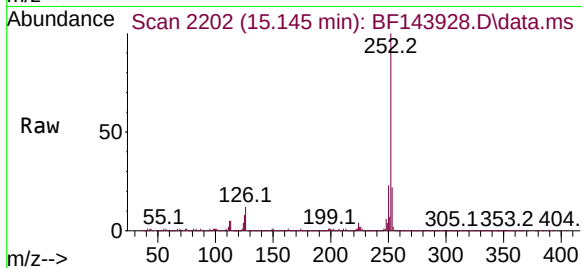
Tgt Ion:252 Resp: 718216

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 66.317 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143928.D

Acq: 10 Oct 2025 16:49

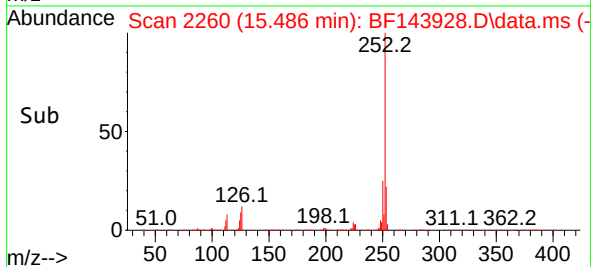
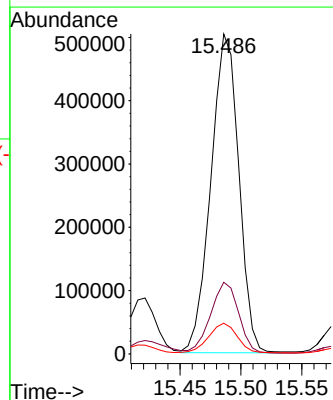
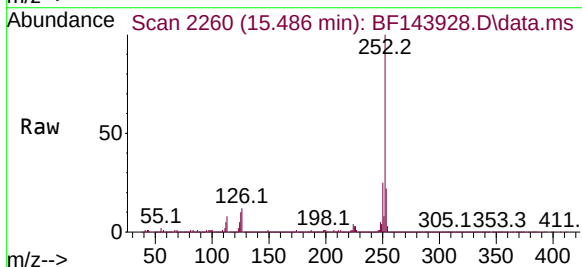
Tgt Ion:252 Resp: 805657

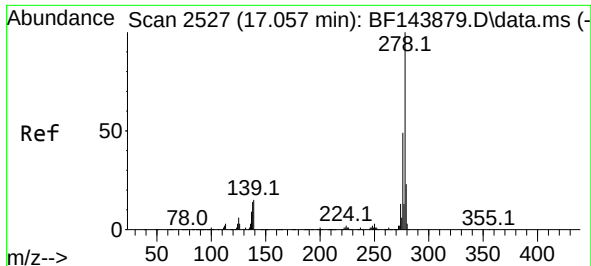
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 9.6 7.0 10.4

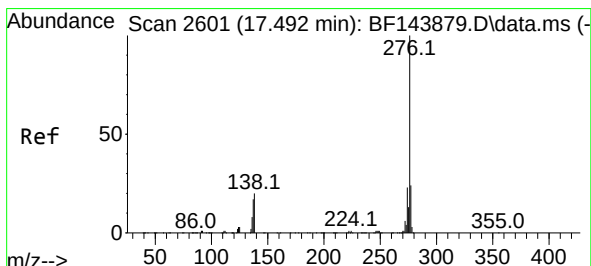
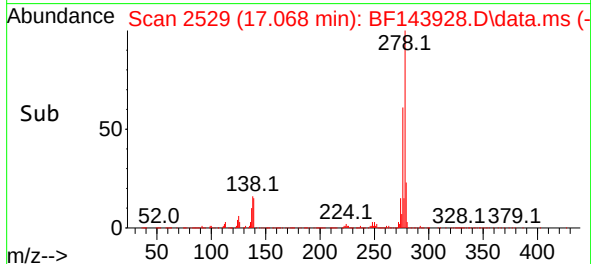
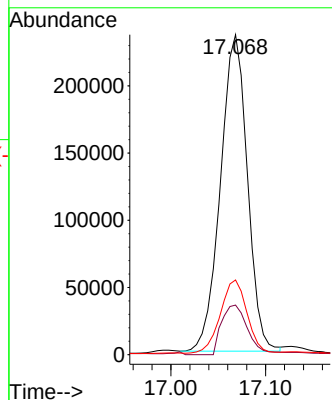
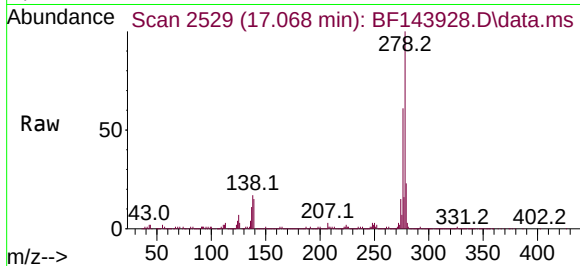




#91
Dibenzo(a,h)anthracene
Concen: 38.811 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

Tgt Ion:278 Resp: 466499
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 23.3 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 42.695 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143928.D
Acq: 10 Oct 2025 16:49

Tgt Ion:276 Resp: 513188
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 22.5 16.1 24.1

