

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144303.D
 Acq On : 20 Nov 2025 19:26
 Operator : RC/JU
 Sample : Q3662-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-0.0-1.0-20251117MS

Quant Time: Nov 20 23:59:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	47796	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	175247	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	88326	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	153411	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	129309	20.000	ng	0.00
86) Perylene-d12	15.521	264	103273	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	215853	70.672	ng	0.00
7) Phenol-d6	6.498	99	242523	70.078	ng	0.00
23) Nitrobenzene-d5	7.428	82	148501	48.940	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	72543	65.449	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	301591	50.430	ng	0.00
79) Terphenyl-d14	12.980	244	342368	42.056	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	63317	50.143	ng	98
3) Pyridine	3.434	79	164219	46.615	ng	97
4) n-Nitrosodimethylamine	3.381	42	90534	49.199	ng	91
6) Aniline	6.528	93	67950	13.781	ng	# 85
8) 2-Chlorophenol	6.651	128	135084	45.098	ng	98
9) Benzaldehyde	6.416	77	73252	37.484	ng	98
10) Phenol	6.510	94	184062	43.531	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	144683	46.959	ng	98
12) 1,3-Dichlorobenzene	6.804	146	171695	46.453	ng	98
13) 1,4-Dichlorobenzene	6.881	146	172341	46.542	ng	98
14) 1,2-Dichlorobenzene	7.034	146	165526	46.637	ng	98
15) Benzyl Alcohol	7.004	79	126922	46.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	260222	45.864	ng	99
17) 2-Methylphenol	7.122	107	107301	45.030	ng	98
18) Hexachloroethane	7.375	117	52802	42.920	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	102677	45.068	ng	98
20) 3+4-Methylphenols	7.275	107	125726	44.758	ng	# 89
22) Acetophenone	7.275	105	178429	47.462	ng	97
24) Nitrobenzene	7.445	77	151066	45.853	ng	99
25) Isophorone	7.686	82	267312	46.574	ng	99
26) 2-Nitrophenol	7.763	139	63205	38.755	ng	97
27) 2,4-Dimethylphenol	7.798	122	122563	50.140	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	167606	46.764	ng	97
29) 2,4-Dichlorophenol	8.010	162	120659	42.827	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	133419	46.118	ng	96
31) Naphthalene	8.169	128	374098	44.876	ng	99
32) Benzoic acid	7.910	122	60596	33.819	ng	96
33) 4-Chloroaniline	8.222	127	34485	11.342	ng	98
34) Hexachlorobutadiene	8.281	225	91710	42.063	ng	97
35) Caprolactam	8.586	113	34548	44.759	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	104964	41.571	ng	99
37) 2-Methylnaphthalene	8.857	142	224064	40.201	ng	98
38) 1-Methylnaphthalene	8.957	142	220613	41.022	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	134695	46.531	ng	99
41) Hexachlorocyclopentadiene	9.010	237	24125	29.996	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	87192	44.255	ng	98

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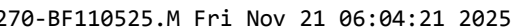
Instrument :
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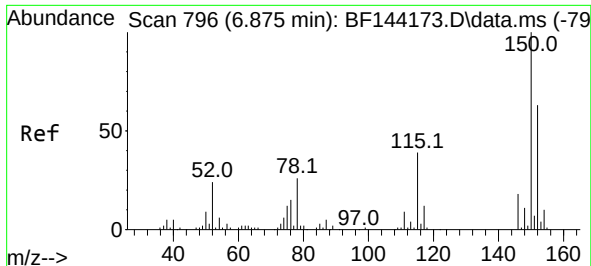
Quant Time: Nov 20 23:59:36 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	92551	43.586	ng	99
46) 1,1'-Biphenyl	9.322	154	290901	47.183	ng	100
47) 2-Chloronaphthalene	9.351	162	237319	45.125	ng	99
48) 2-Nitroaniline	9.445	65	75092	49.486	ng	99
49) Acenaphthylene	9.763	152	364796	50.901	ng	100
50) Dimethylphthalate	9.622	163	282211	48.229	ng	100
51) 2,6-Dinitrotoluene	9.686	165	57819	48.812	ng	95
52) Acenaphthene	9.939	154	194937	40.675	ng	99
53) 3-Nitroaniline	9.857	138	43949	33.941	ng	100
54) 2,4-Dinitrophenol	9.975	184	5029	7.031	ng	93
55) Dibenzofuran	10.110	168	301970	44.988	ng	100
56) 4-Nitrophenol	10.028	139	84871	90.611	ng	94
57) 2,4-Dinitrotoluene	10.092	165	73241	46.188	ng	# 99
58) Fluorene	10.451	166	234298	45.911	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	70902	47.194	ng	100
60) Diethylphthalate	10.322	149	256137	47.485	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	126225	43.421	ng	99
62) 4-Nitroaniline	10.475	138	58579	47.505	ng	95
63) Azobenzene	10.604	77	246183	49.039	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	5944	5.703	ng	98
66) n-Nitrosodiphenylamine	10.563	169	225030	45.607	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	82595	42.180	ng	97
68) Hexachlorobenzene	11.004	284	99968	43.343	ng	96
69) Atrazine	11.092	200	75460	48.090	ng	98
70) Pentachlorophenol	11.204	266	97266	84.688	ng	97
71) Phenanthrene	11.422	178	364570	47.730	ng	99
72) Anthracene	11.469	178	364256	46.900	ng	100
73) Carbazole	11.627	167	333099	50.437	ng	99
74) Di-n-butylphthalate	11.951	149	392037	49.104	ng	99
75) Fluoranthene	12.610	202	455093	57.678	ng	99
77) Benzidine	12.733	184	133834	34.990	ng	97
78) Pyrene	12.845	202	471853	45.257	ng	100
80) Butylbenzylphthalate	13.457	149	177107	49.012	ng	97
81) Benzo(a)anthracene	14.033	228	436124	48.663	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	105242	34.259	ng	97
83) Chrysene	14.068	228	402572	48.660	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	247104	49.953	ng	97
85) Di-n-octyl phthalate	14.627	149	409575	47.989	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	280692	37.863	ng	98
88) Benzo(b)fluoranthene	15.092	252	338864	57.716	ng	99
89) Benzo(k)fluoranthene	15.115	252	292518	53.229	ng	99
90) Benzo(a)pyrene	15.462	252	276440	51.037	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	223389	37.521	ng	98
92) Benzo(g,h,i)perylene	17.474	276	218137	37.102	ng	99

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

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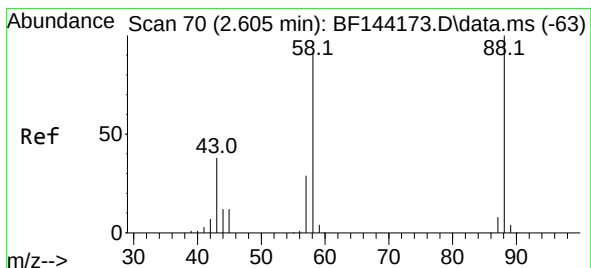
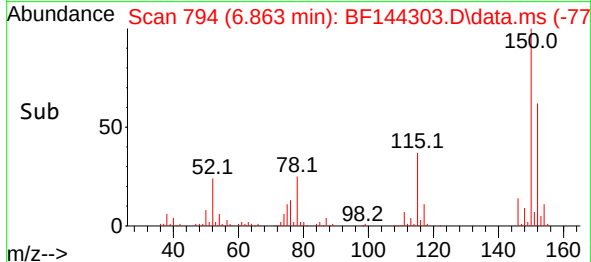
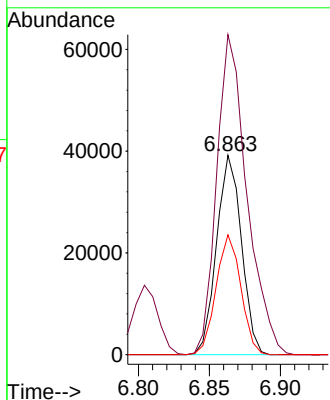
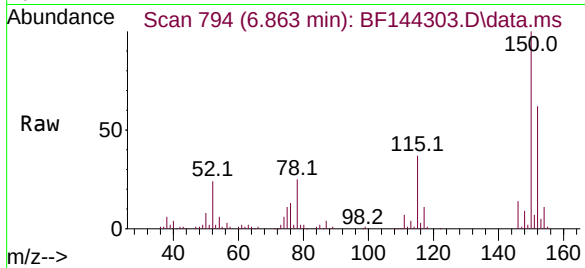




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

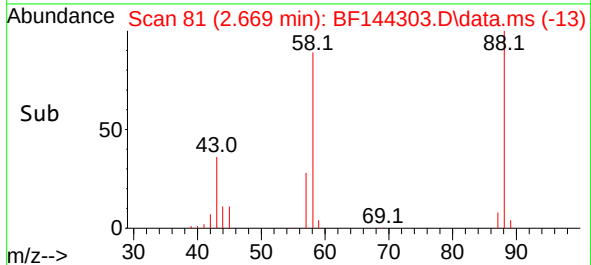
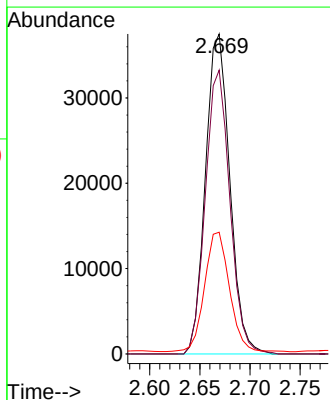
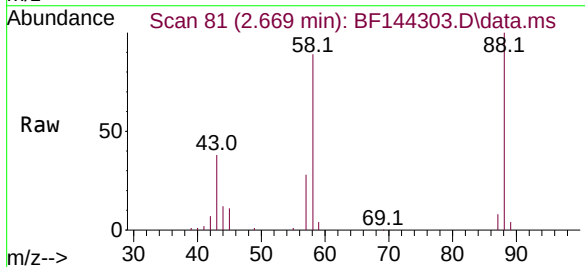
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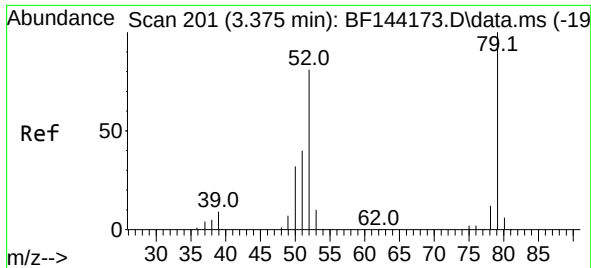
Tgt Ion:152 Resp: 47796
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.4 191.0
 115 60.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 50.143 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

Tgt Ion: 88 Resp: 63317
 Ion Ratio Lower Upper
 88 100
 58 89.3 73.1 109.7
 43 38.3 31.0 46.6

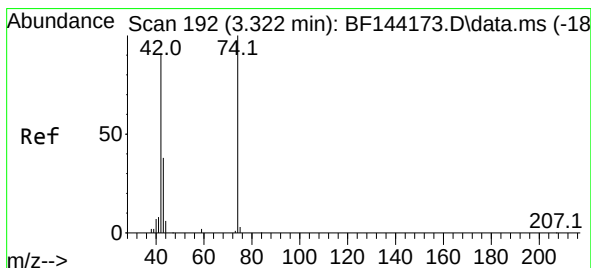
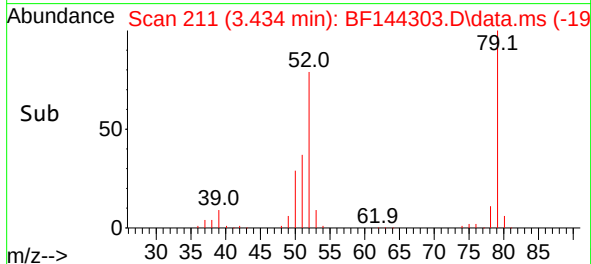
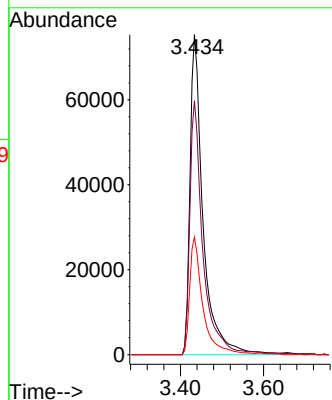
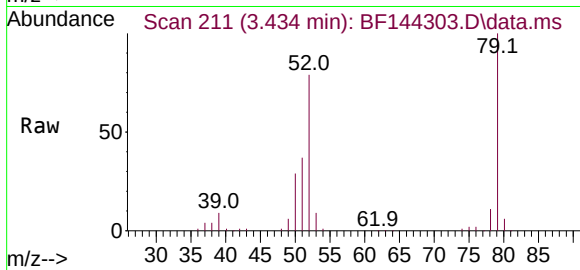




#3
Pyridine
Concen: 46.615 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

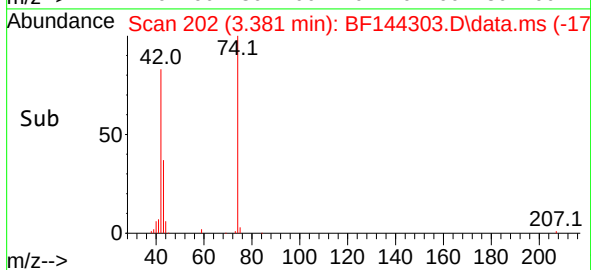
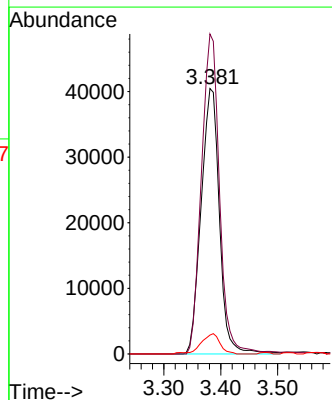
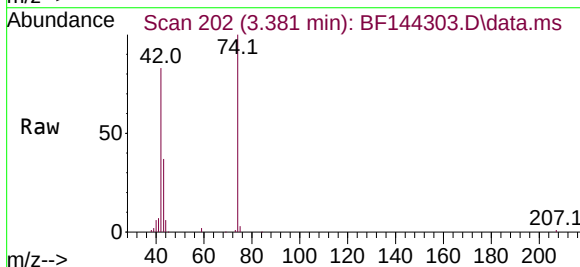
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

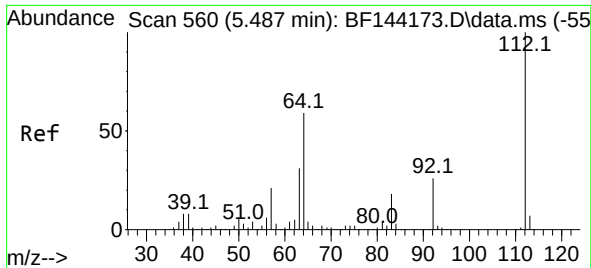
Tgt Ion: 79 Resp: 164219
Ion Ratio Lower Upper
79 100
52 79.3 64.5 96.7
51 36.7 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 49.199 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.035 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion: 42 Resp: 90534
Ion Ratio Lower Upper
42 100
74 120.6 88.2 132.4
44 7.1 5.7 8.5

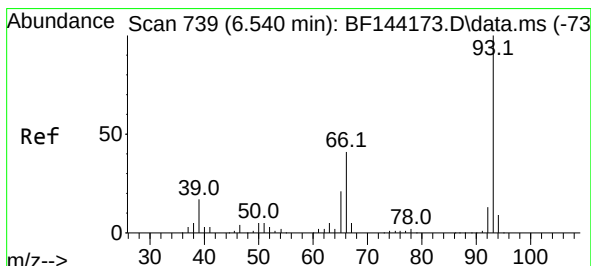
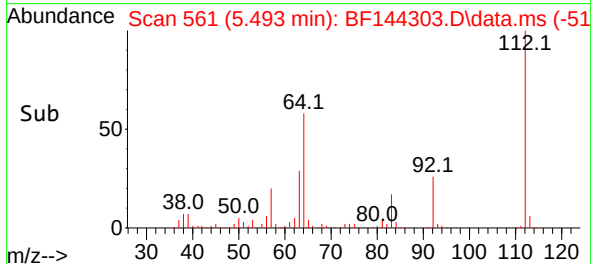
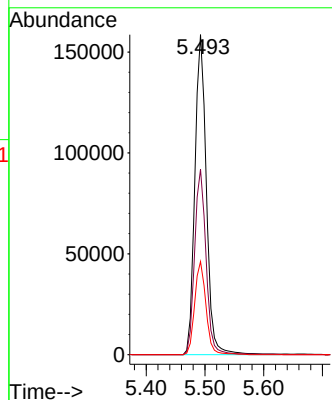
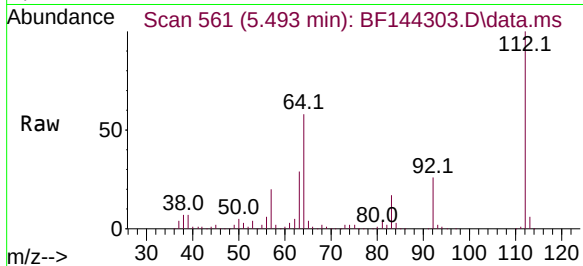




#5
2-Fluorophenol
Concen: 70.672 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

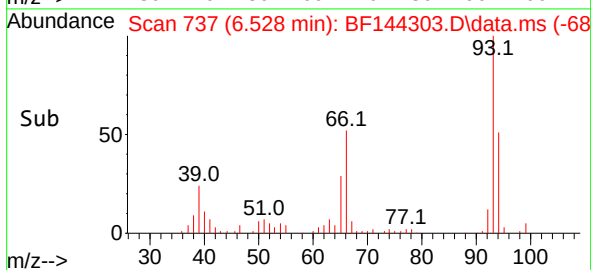
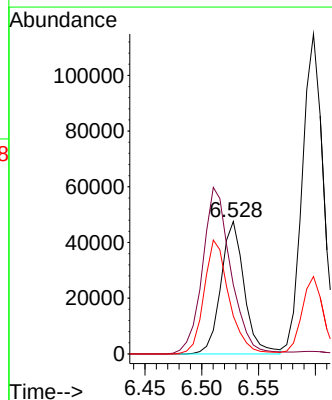
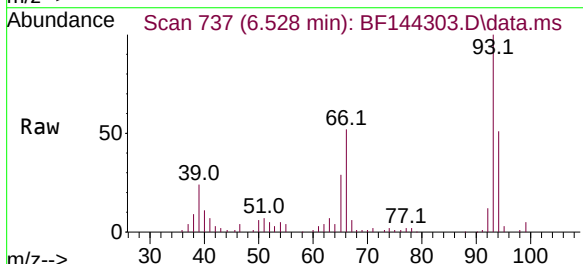
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ClientSampleId :
B3-0.0-1.0-20251117MS

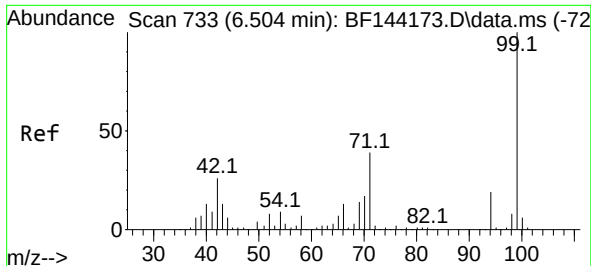
Tgt Ion:112 Resp: 215853
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 29.1 24.4 36.6



#6
Aniline
Concen: 13.781 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion: 93 Resp: 67950
Ion Ratio Lower Upper
93 100
66 52.2 34.3 51.5#
65 28.6 16.9 25.3#





#7

Phenol-d6

Concen: 70.078 ng

RT: 6.498 min Scan# 731

Delta R.T. -0.000 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

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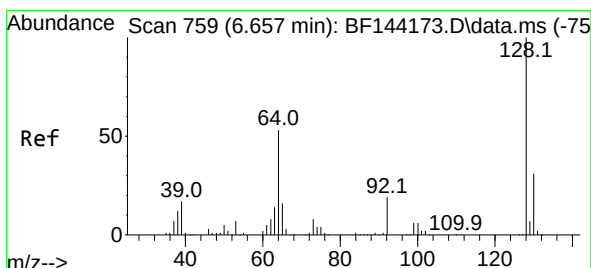
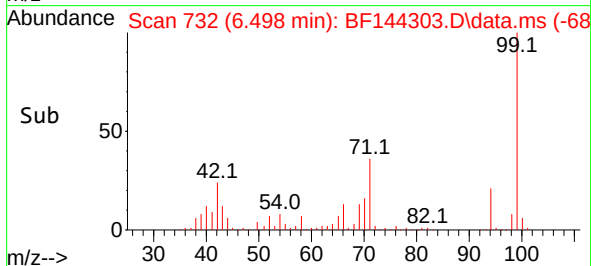
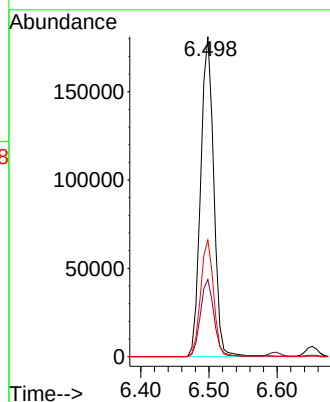
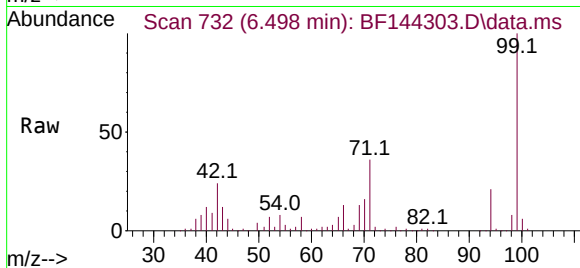
Tgt Ion: 99 Resp: 242523

Ion Ratio Lower Upper

99 100

42 24.1 20.9 31.3

71 36.4 31.4 47.2



#8

2-Chlorophenol

Concen: 45.098 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

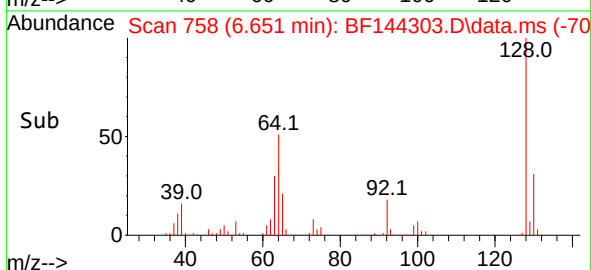
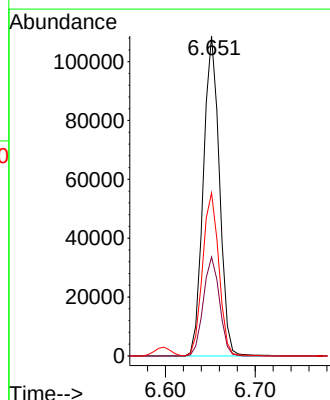
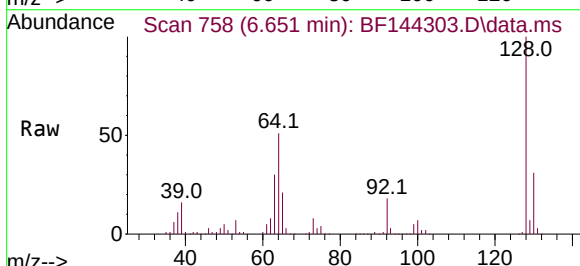
Tgt Ion:128 Resp: 135084

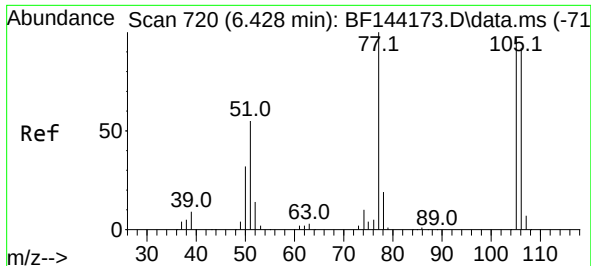
Ion Ratio Lower Upper

128 100

130 30.9 10.5 50.5

64 50.9 33.2 73.2

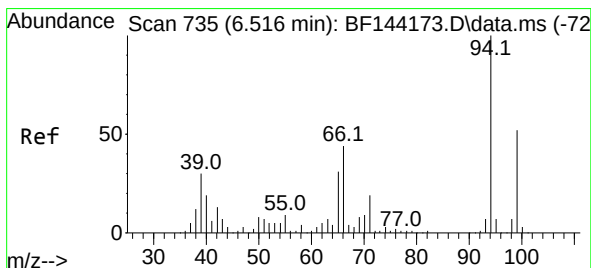
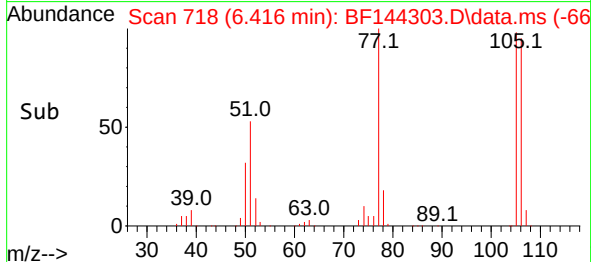
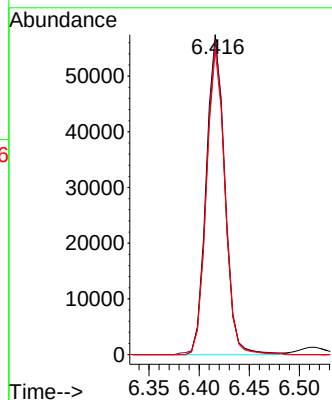
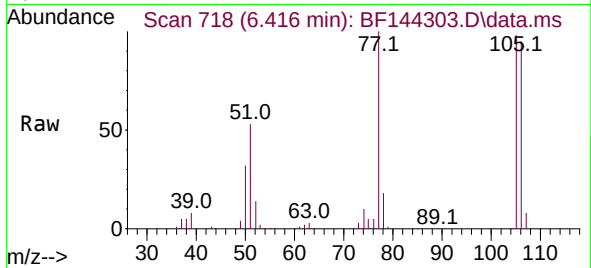




#9
Benzaldehyde
Concen: 37.484 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

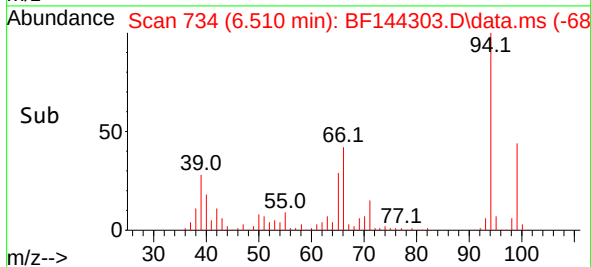
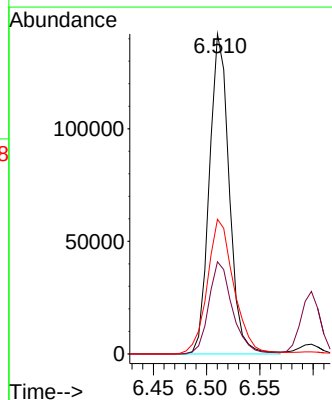
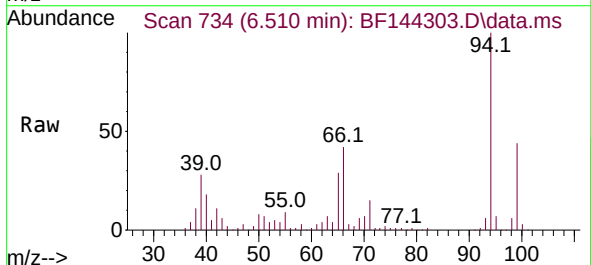
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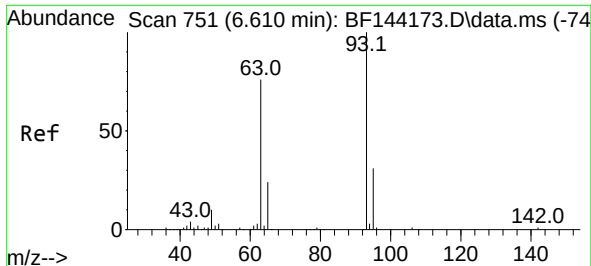
Tgt Ion: 77 Resp: 73252
Ion Ratio Lower Upper
77 100
105 98.2 77.2 117.2
106 95.0 72.2 112.2



#10
Phenol
Concen: 43.531 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion: 94 Resp: 184062
Ion Ratio Lower Upper
94 100
65 28.8 10.8 50.8
66 42.1 24.3 64.3

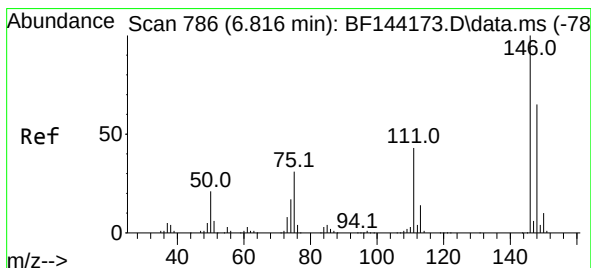
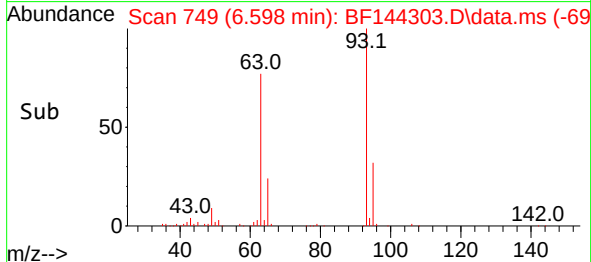
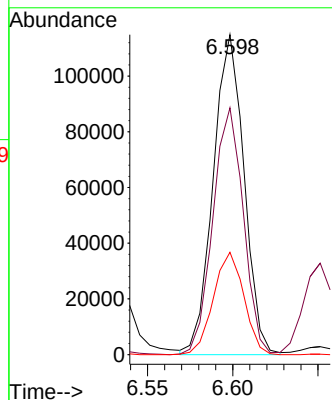
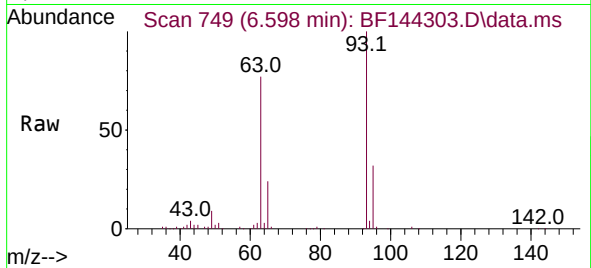




#11
bis(2-Chloroethyl)ether
Concen: 46.959 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

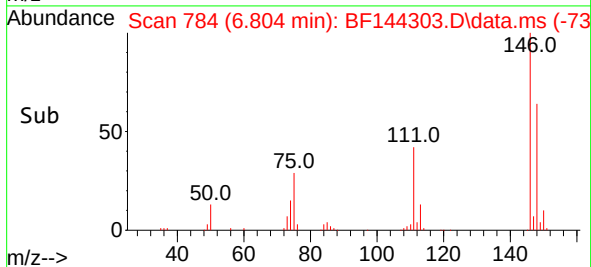
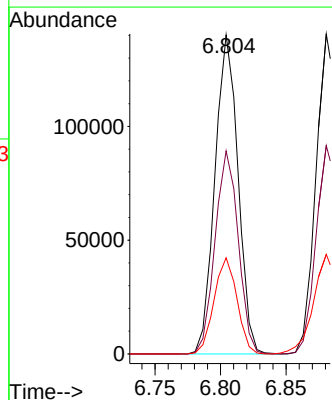
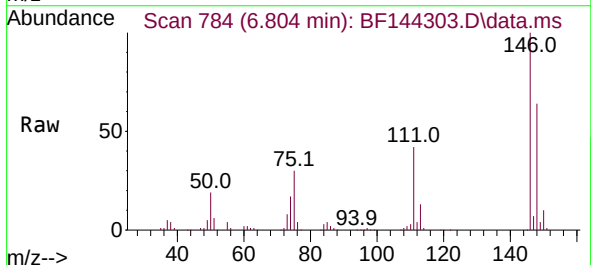
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

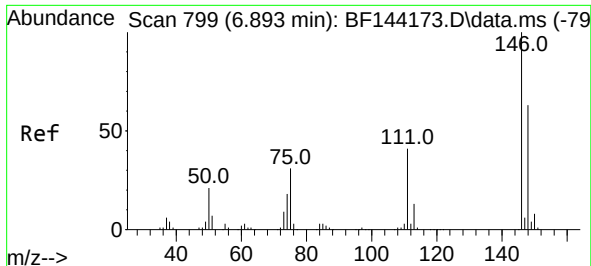
Tgt Ion: 93 Resp: 144683
Ion Ratio Lower Upper
93 100
63 77.1 55.2 95.2
95 32.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.453 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion: 146 Resp: 171695
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 30.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 46.542 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

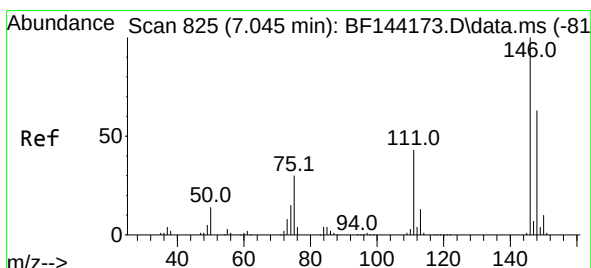
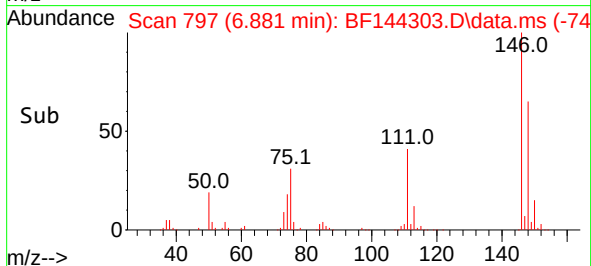
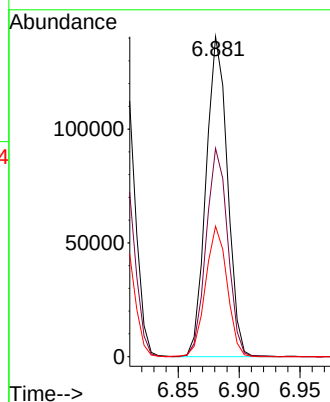
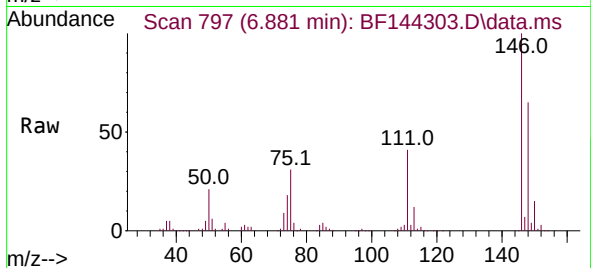
Tgt Ion:146 Resp: 172341

Ion Ratio Lower Upper

146 100

148 65.1 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 46.637 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

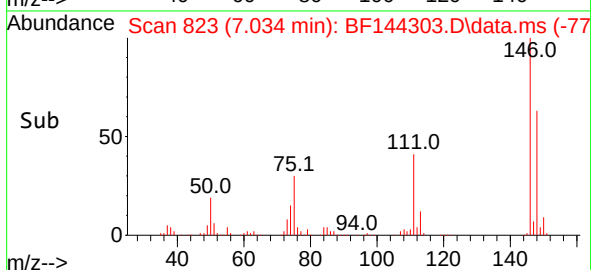
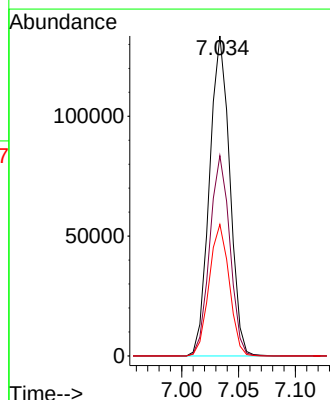
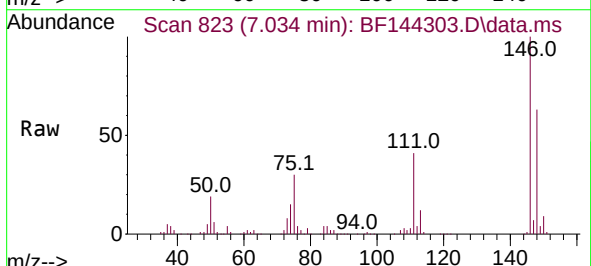
Tgt Ion:146 Resp: 165526

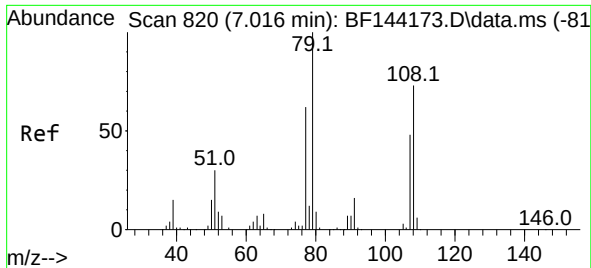
Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

111 41.1 34.2 51.4

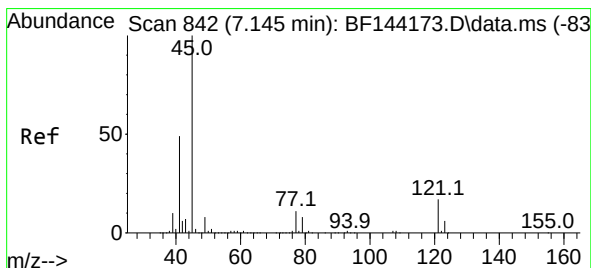
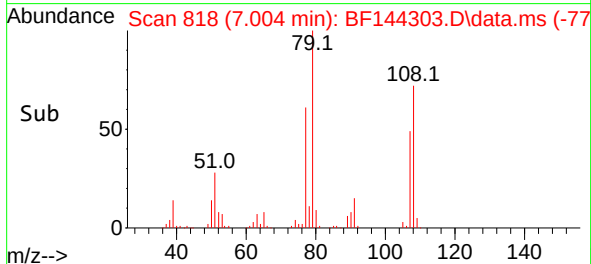
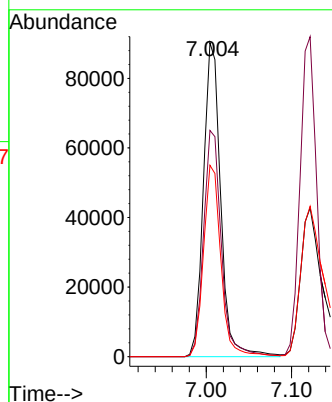
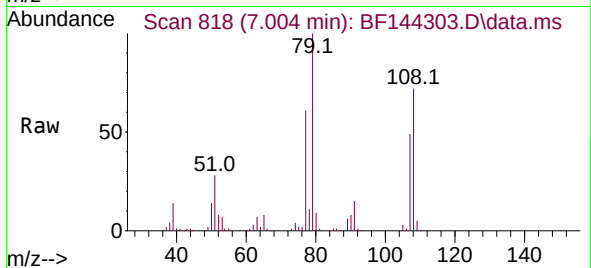




#15
Benzyl Alcohol
Concen: 46.316 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

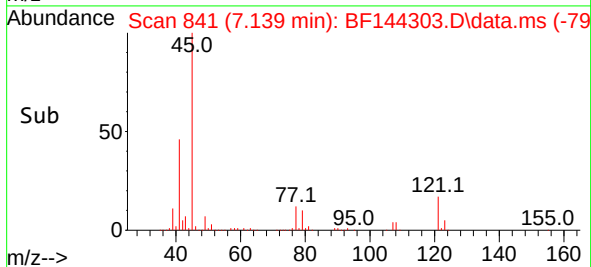
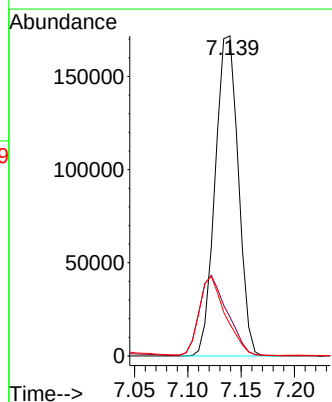
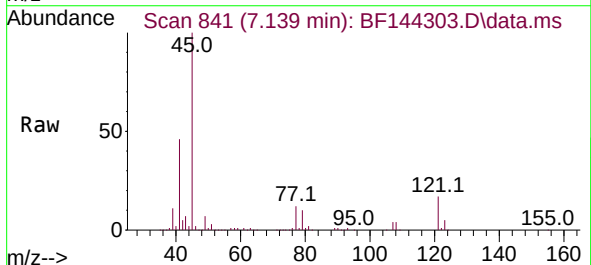
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

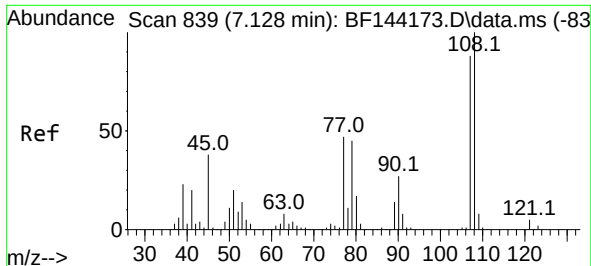
Tgt Ion: 79 Resp: 126922
Ion Ratio Lower Upper
79 100
108 72.1 58.2 87.4
77 60.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.864 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion: 45 Resp: 260222
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.9 0.0 29.1

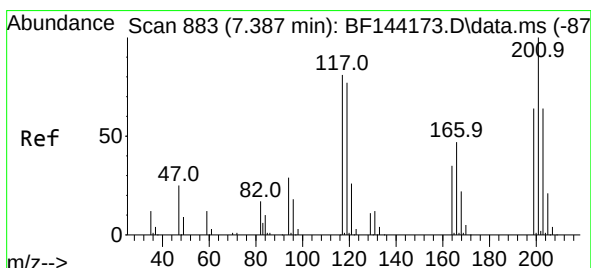
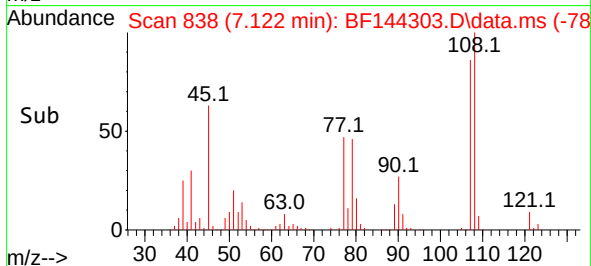
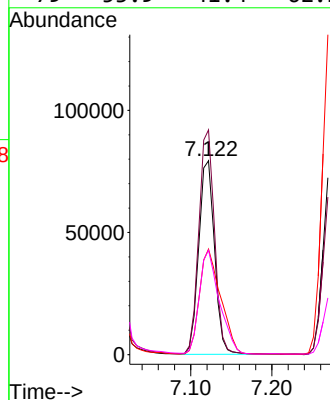
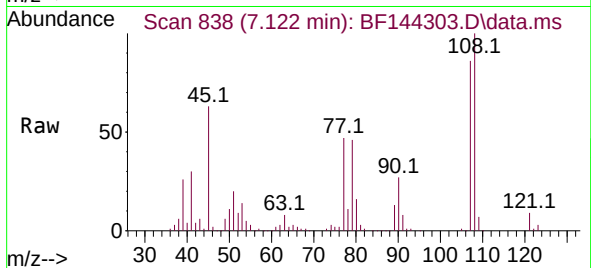




#17
2-Methylphenol
Concen: 45.030 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

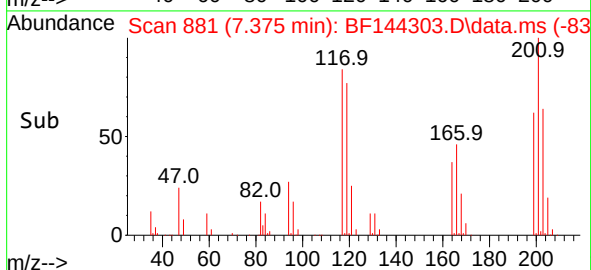
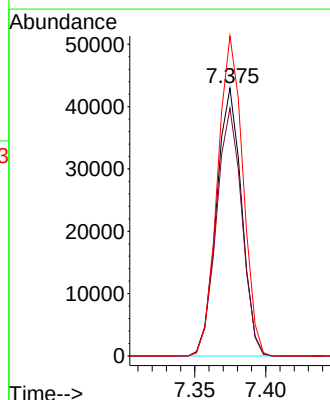
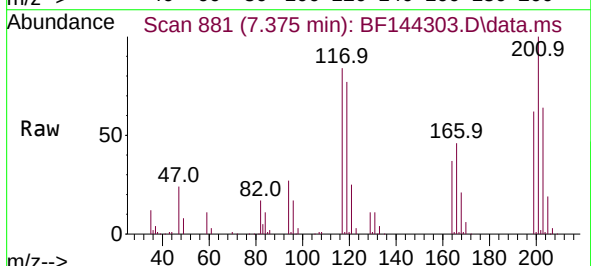
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

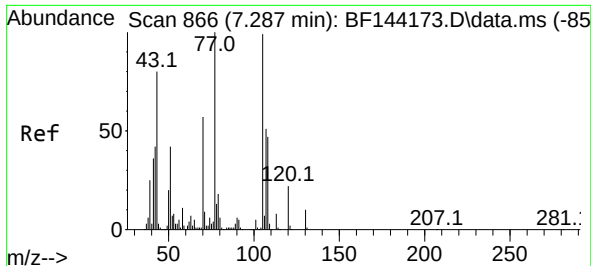
Tgt Ion:107	Resp:	107301
Ion Ratio	Lower	Upper
107	100	
108	116.0	91.0 136.4
77	54.5	42.7 64.1
79	53.9	41.4 62.2



#18
Hexachloroethane
Concen: 42.920 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:117	Resp:	52802
Ion Ratio	Lower	Upper
117	100	
119	92.5	75.8 113.8
201	119.5	98.9 148.3

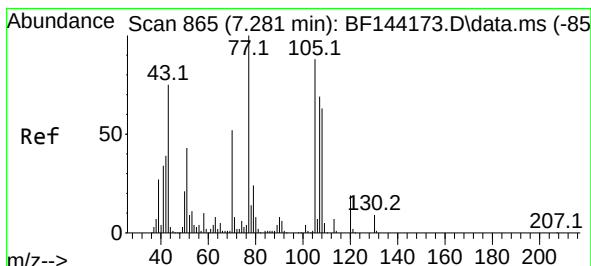
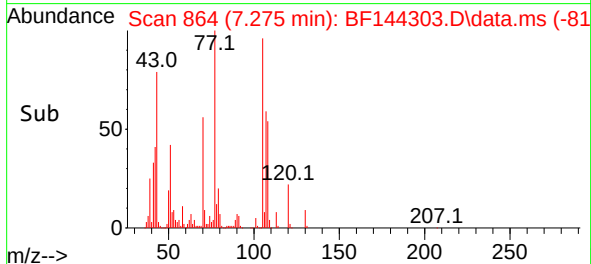
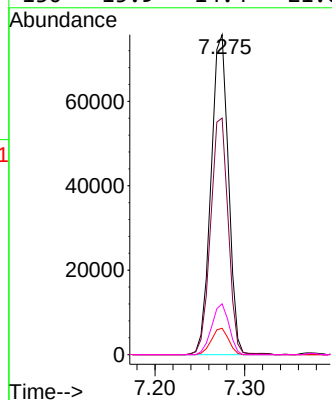
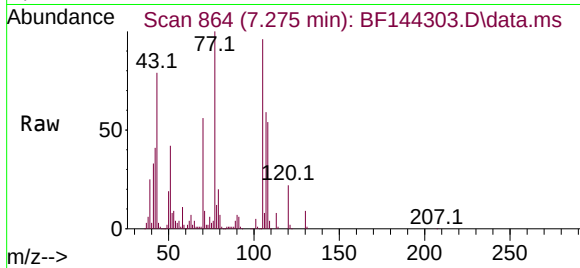




#19
n-Nitroso-di-n-propylamine
Concen: 45.068 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

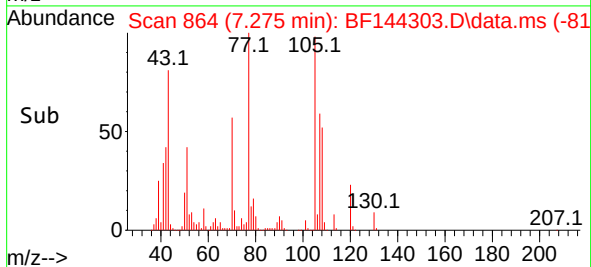
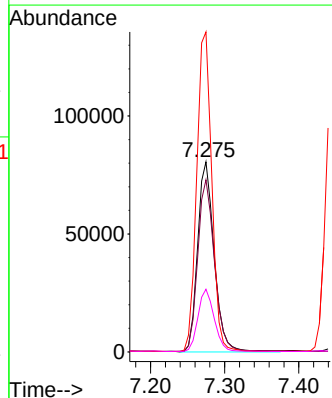
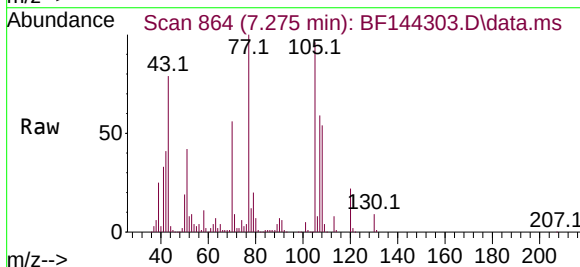
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

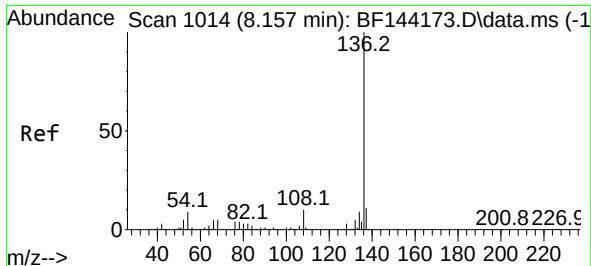
Tgt Ion:	70	Resp:	102677
Ion	Ratio	Lower	Upper
70	100		
42	73.9	58.3	87.5
101	8.2	7.0	10.6
130	15.9	14.4	21.6



#20
3+4-Methylphenols
Concen: 44.758 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:	107	Resp:	125726
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.2	110.2
77	168.4	123.9	163.9#
79	33.0	14.2	54.2

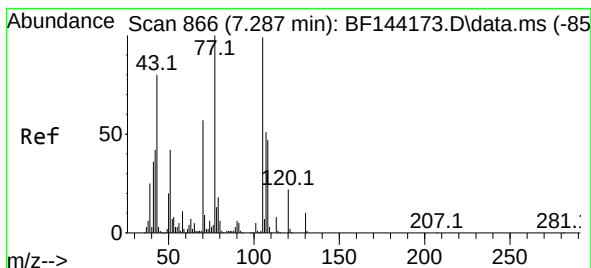
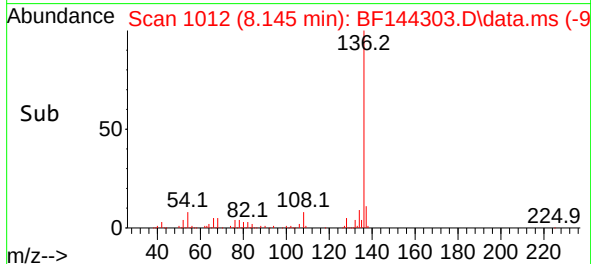
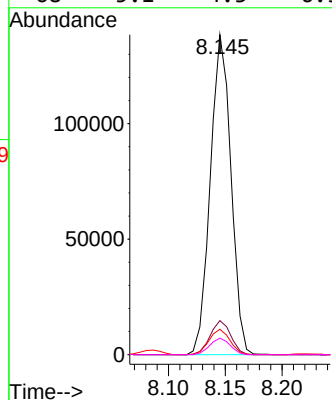
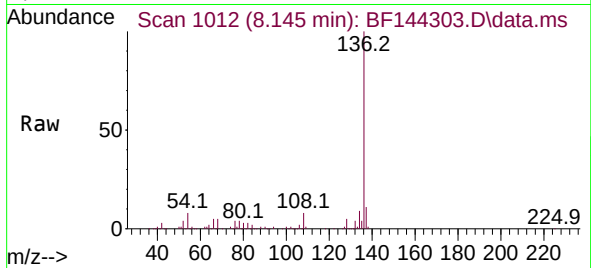




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

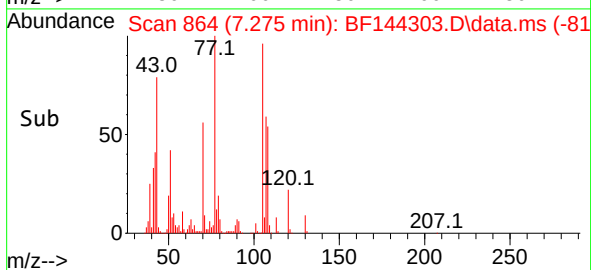
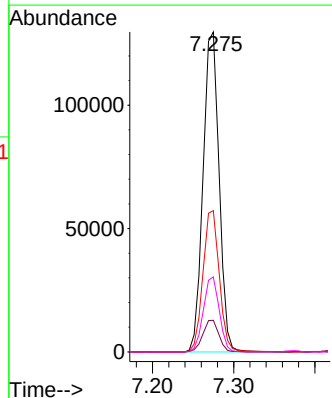
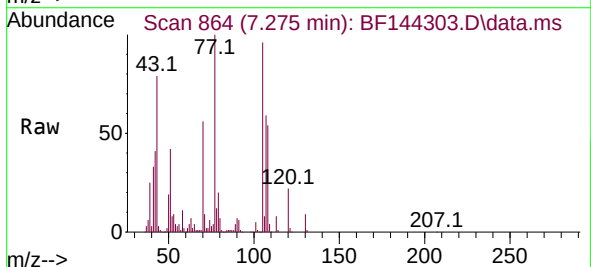
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

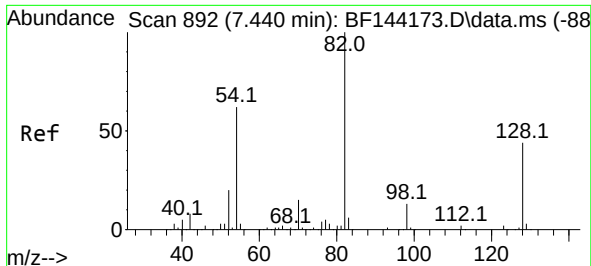
Tgt Ion:	136	Resp:	175247
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	7.9	7.0	10.6
68	5.1	4.3	6.5



#22
Acetophenone
Concen: 47.462 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:	105	Resp:	178429
Ion Ratio	Lower	Upper	
105	100		
71	9.9	7.2	10.8
51	44.1	34.0	51.0
120	23.4	17.8	26.6

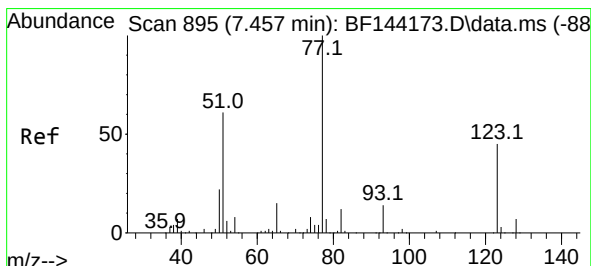
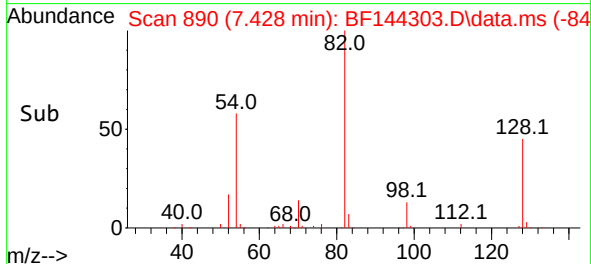
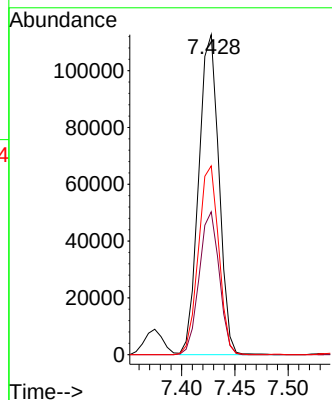
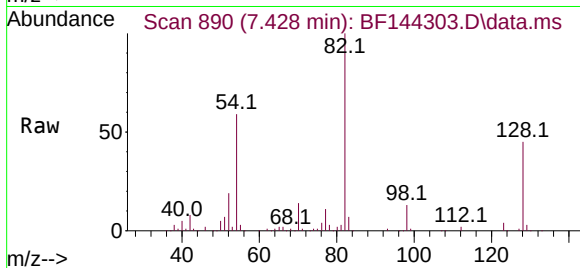




#23
Nitrobenzene-d5
Concen: 48.940 ng
RT: 7.428 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

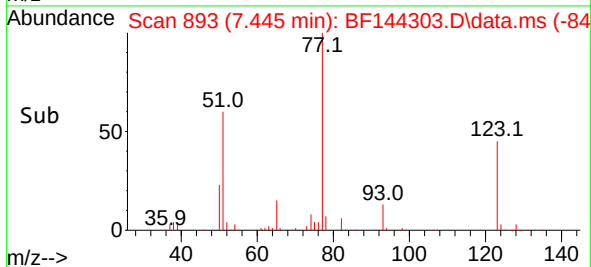
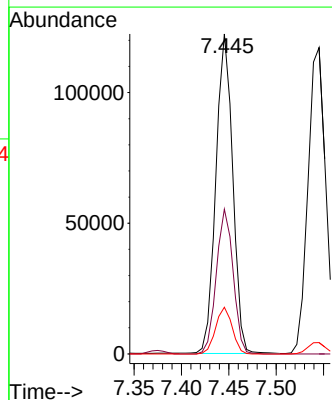
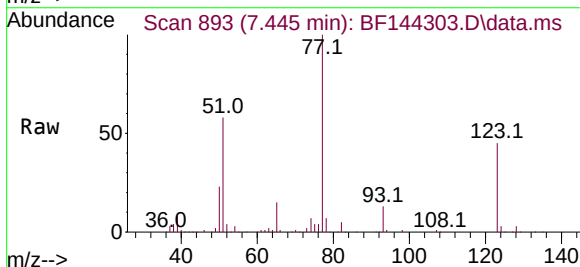
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

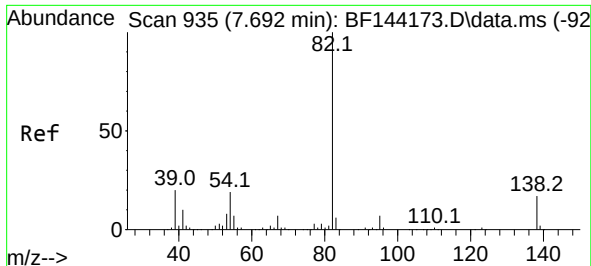
Tgt Ion: 82 Resp: 148501
Ion Ratio Lower Upper
82 100
128 44.6 34.7 52.1
54 59.0 49.5 74.3



#24
Nitrobenzene
Concen: 45.853 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion: 77 Resp: 151066
Ion Ratio Lower Upper
77 100
123 45.2 35.8 53.8
65 14.6 12.2 18.2

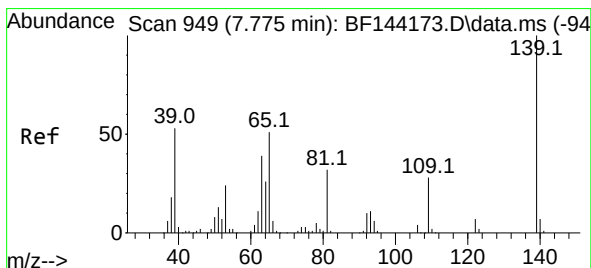
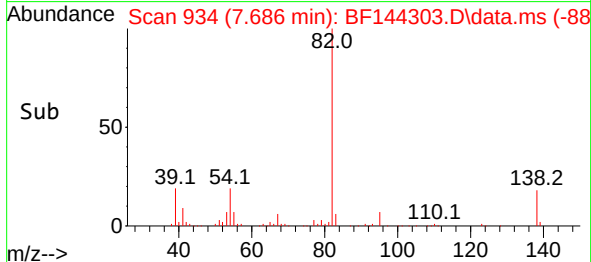
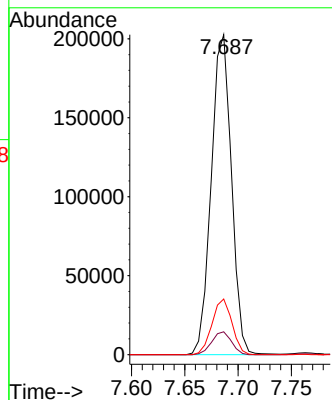
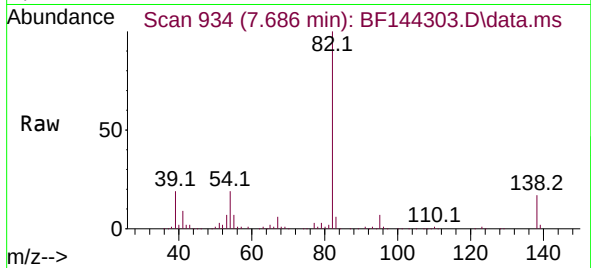




#25
Isophorone
Concen: 46.574 ng
RT: 7.686 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

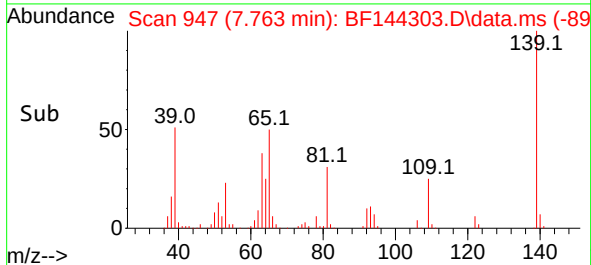
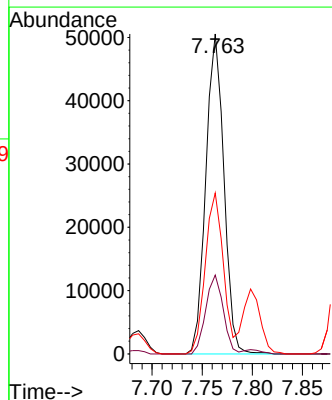
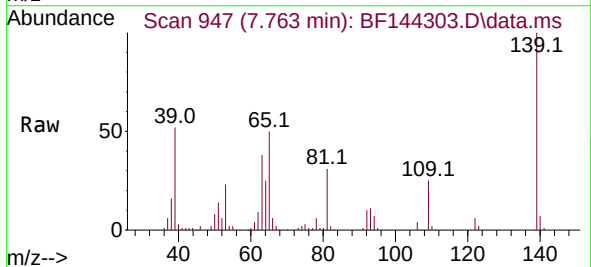
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

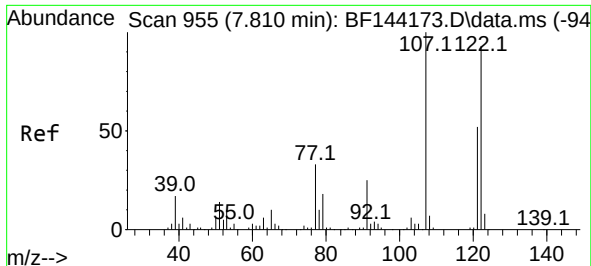
Tgt Ion: 82 Resp: 267312
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 38.755 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:139 Resp: 63205
Ion Ratio Lower Upper
139 100
109 24.6 22.2 33.2
65 50.3 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 50.140 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

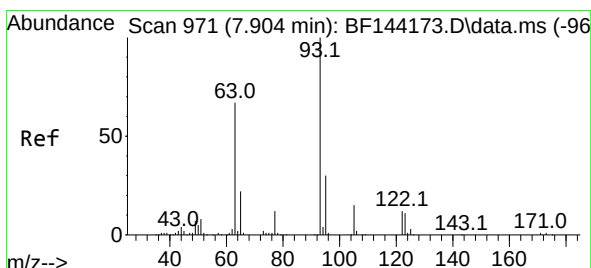
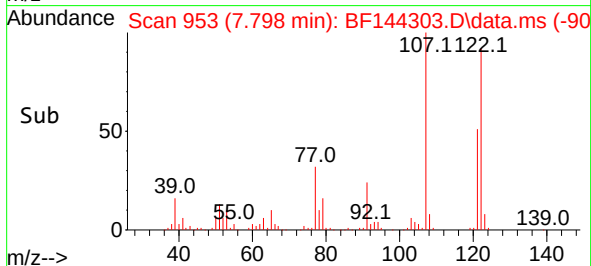
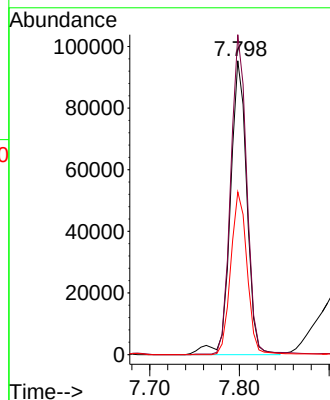
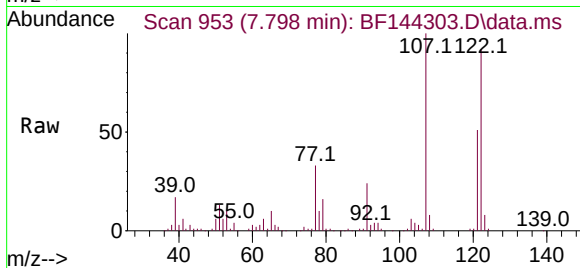
Tgt Ion:122 Resp: 122563

Ion Ratio Lower Upper

122 100

107 108.9 86.2 129.4

121 55.4 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.764 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

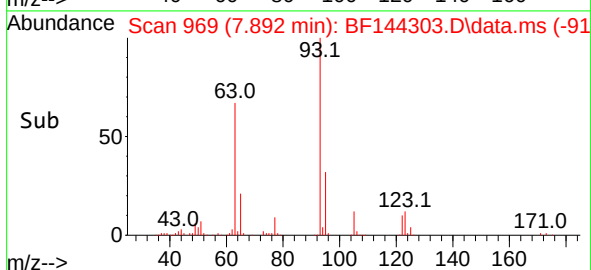
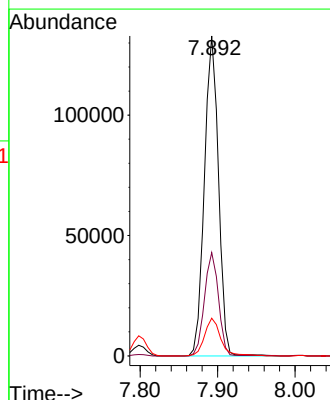
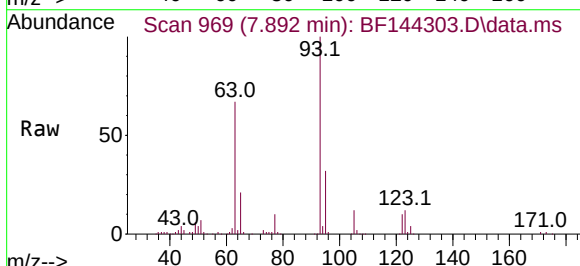
Tgt Ion: 93 Resp: 167606

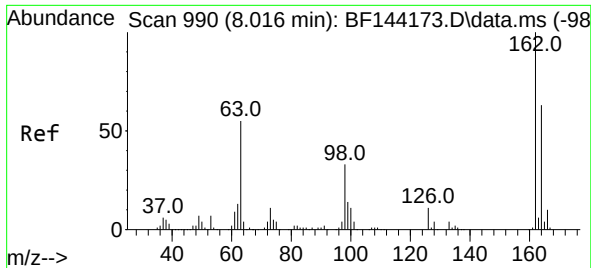
Ion Ratio Lower Upper

93 100

95 32.3 24.2 36.4

123 11.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.827 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

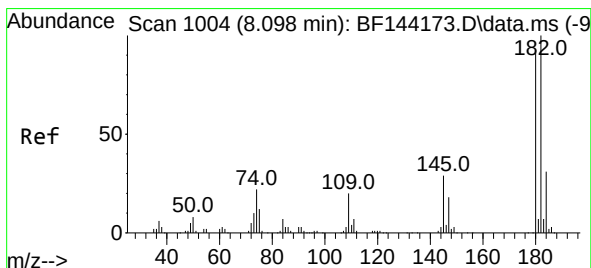
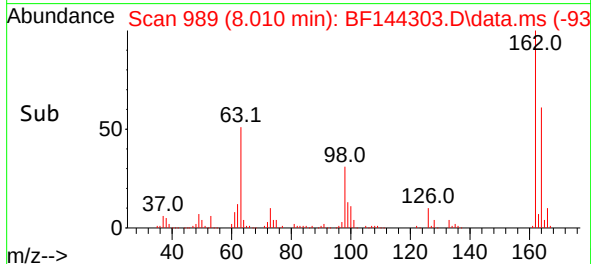
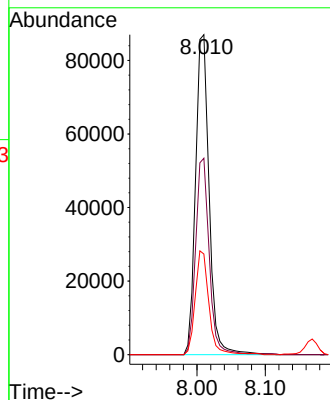
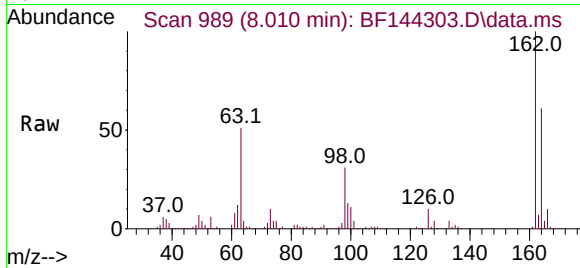
Tgt Ion:162 Resp: 120659

Ion Ratio Lower Upper

162 100

164 61.4 42.9 82.9

98 31.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 46.118 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

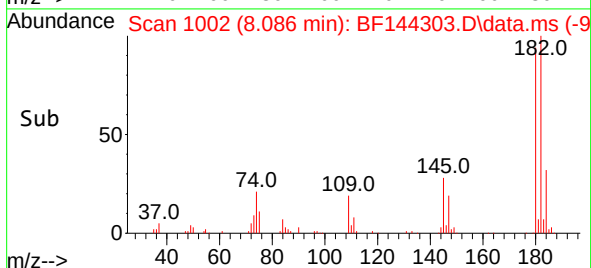
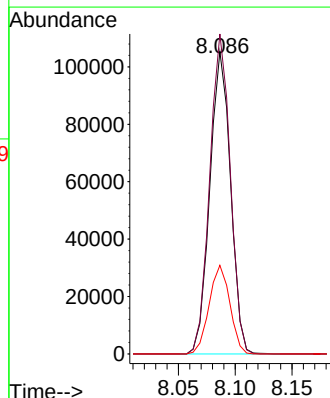
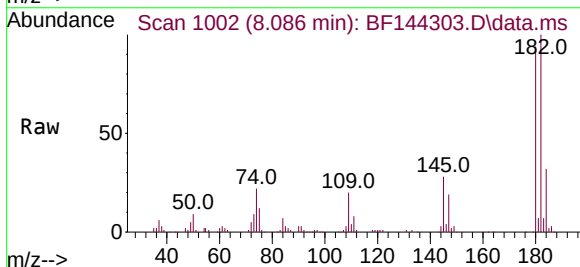
Tgt Ion:180 Resp: 133419

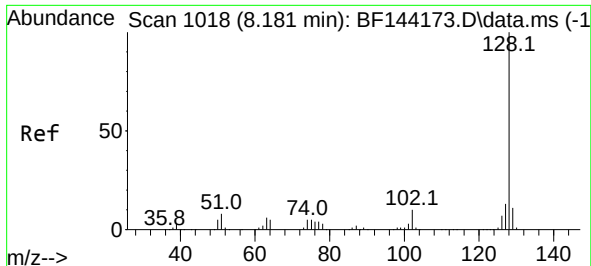
Ion Ratio Lower Upper

180 100

182 105.8 87.7 131.5

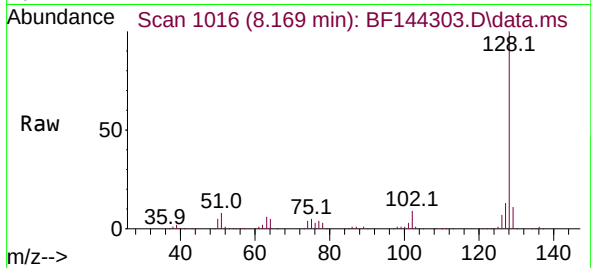
145 29.3 25.4 38.0



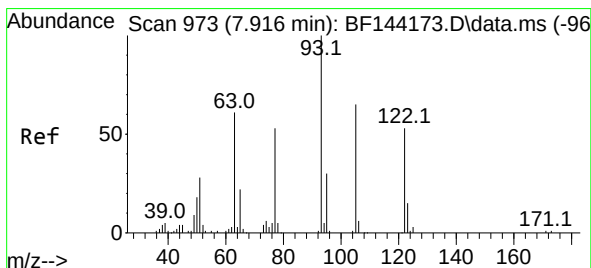
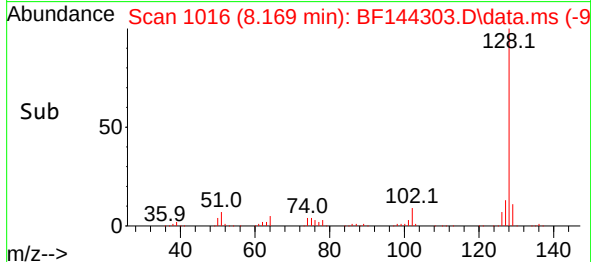
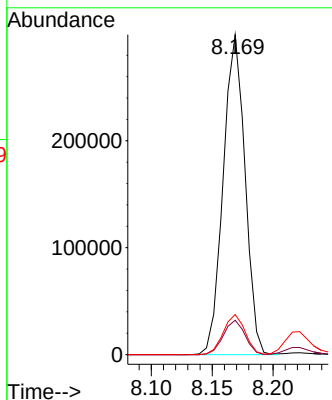


#31
Naphthalene
Concen: 44.876 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

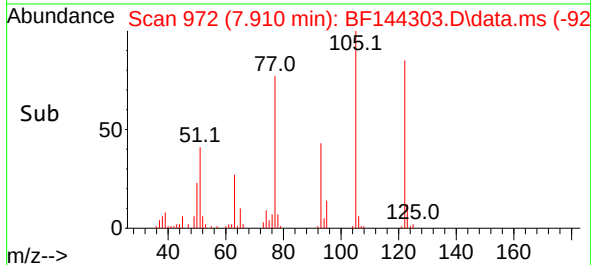
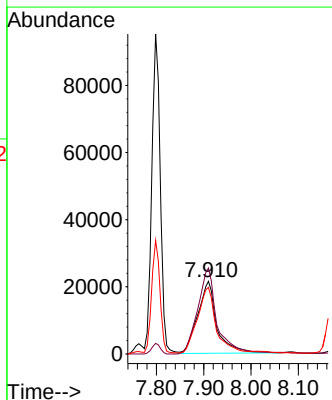
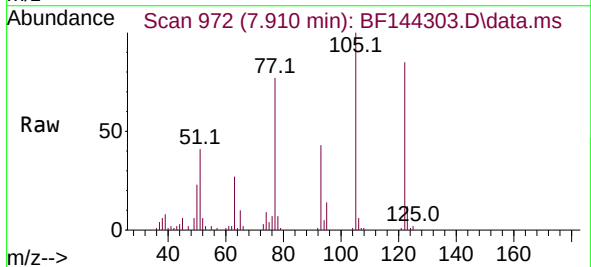


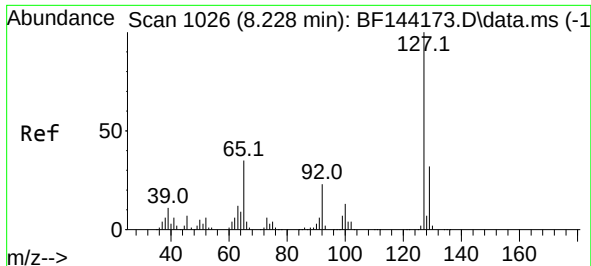
Tgt Ion:128 Resp: 374098
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 33.819 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.041 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:122 Resp: 60596
Ion Ratio Lower Upper
122 100
105 118.3 99.9 139.9
77 91.5 77.5 117.5

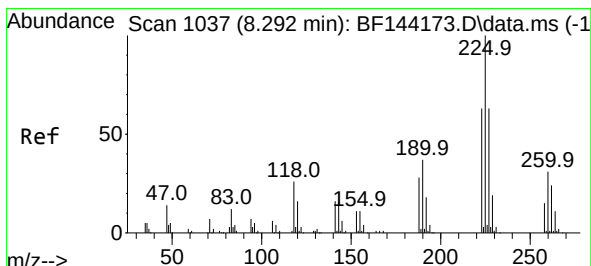
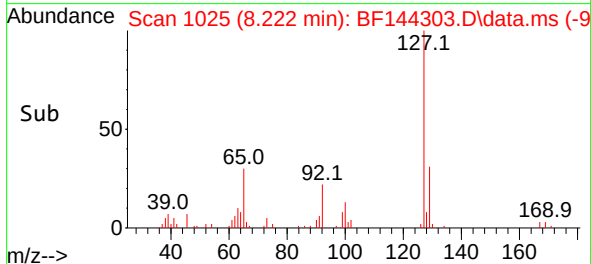
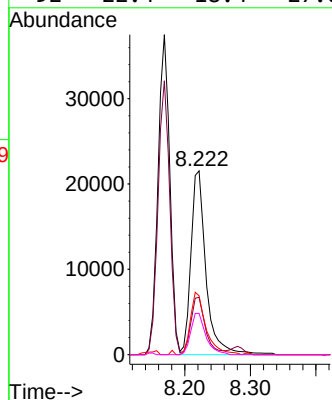
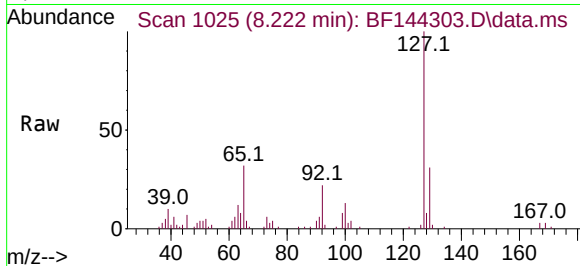




#33
4-Chloroaniline
Concen: 11.342 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

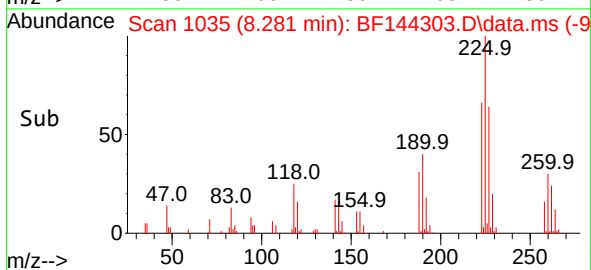
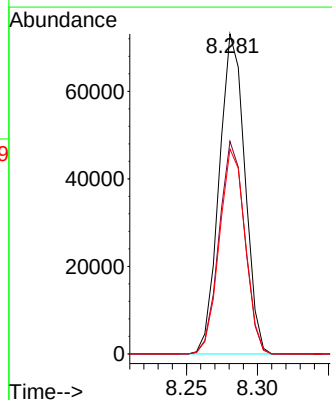
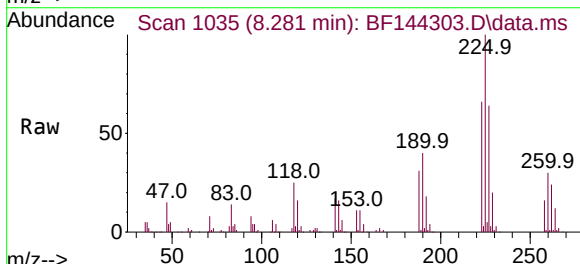
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

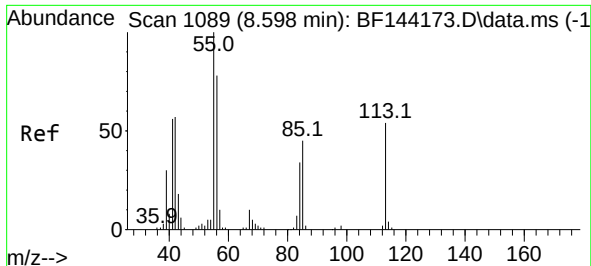
Tgt Ion:	127	Resp:	34485
Ion Ratio	Lower	Upper	
127	100		
129	31.2	25.3	37.9
65	32.0	27.6	41.4
92	22.4	18.4	27.6



#34
Hexachlorobutadiene
Concen: 42.063 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:	225	Resp:	91710
Ion Ratio	Lower	Upper	
225	100		
223	66.4	50.2	75.4
227	64.0	50.1	75.1

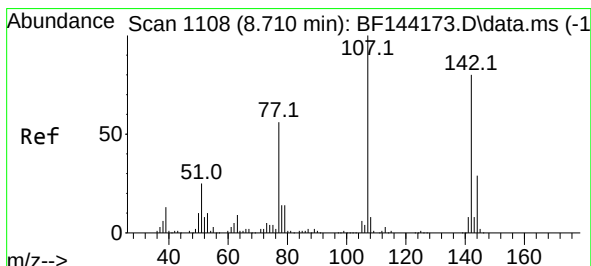
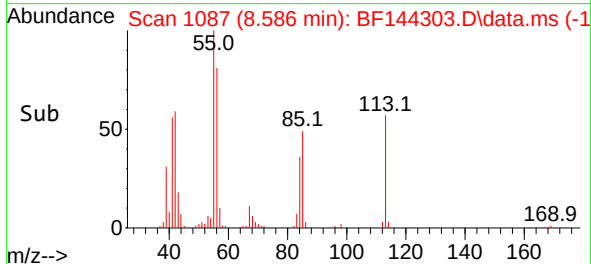
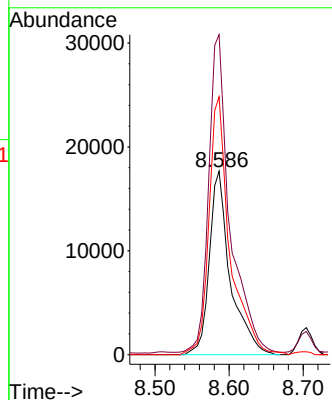
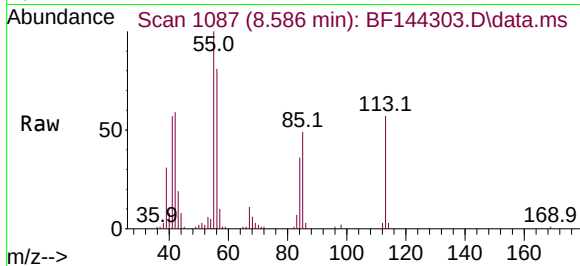




#35
 Caprolactam
 Concen: 44.759 ng
 RT: 8.586 min Scan# 1087
 Delta R.T. -0.035 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

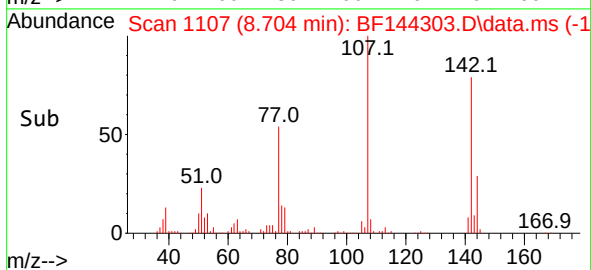
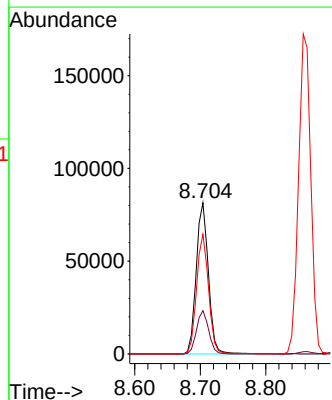
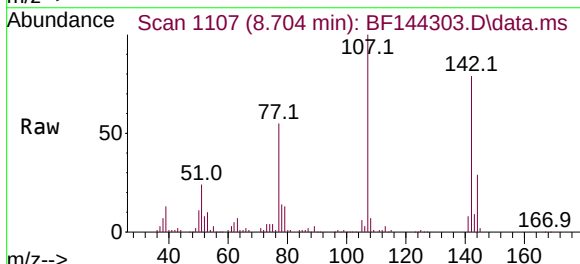
Instrument :
 BNA_F
 ClientSampleId :
 B3-0.0-1.0-20251117MS

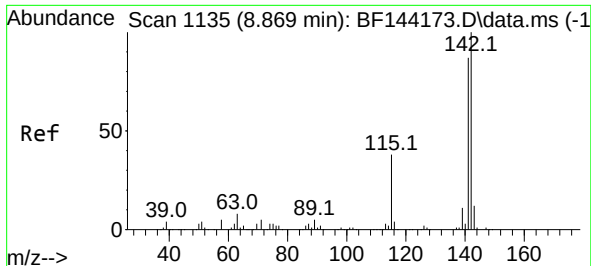
Tgt Ion:	113	Resp:	34548
Ion	Ratio	Lower	Upper
113	100		
55	174.6	166.8	206.8
56	140.7	125.9	165.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.571 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

Tgt Ion:	107	Resp:	104964
Ion	Ratio	Lower	Upper
107	100		
144	28.7	23.3	34.9
142	79.1	63.8	95.6





#37

2-Methylnaphthalene

Concen: 40.201 ng

RT: 8.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

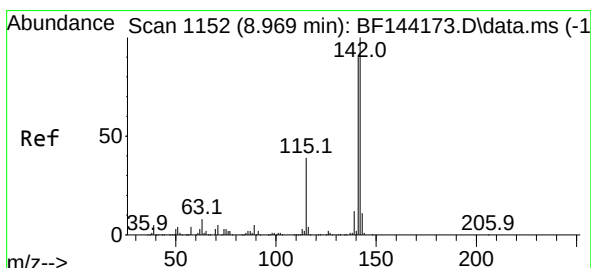
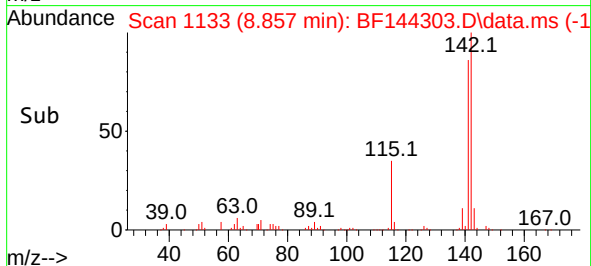
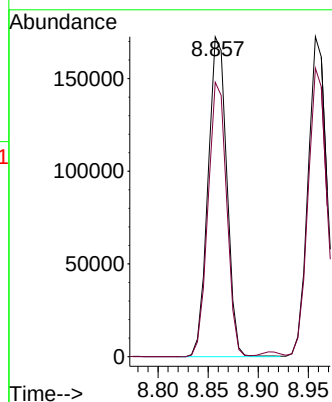
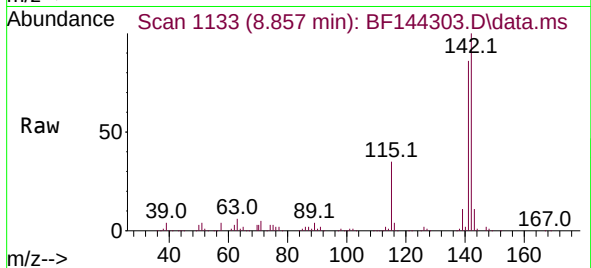
B3-0.0-1.0-20251117MS

Tgt Ion:142 Resp: 224064

Ion Ratio Lower Upper

142 100

141 85.8 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.022 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144303.D

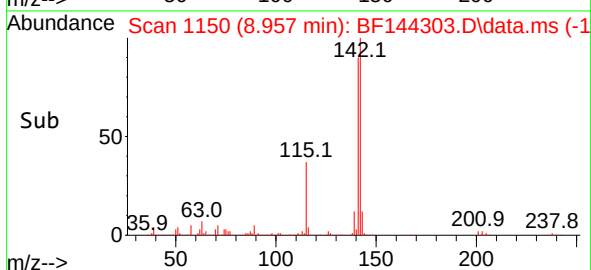
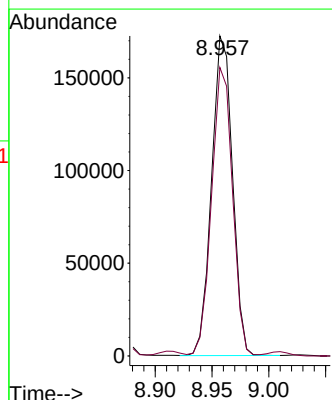
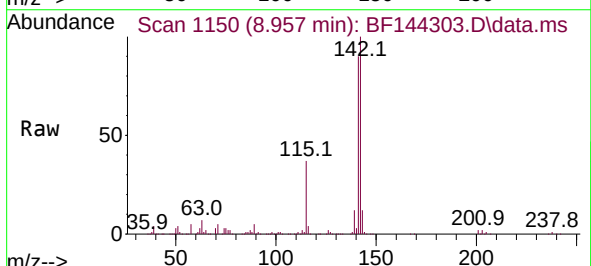
Acq: 20 Nov 2025 19:26

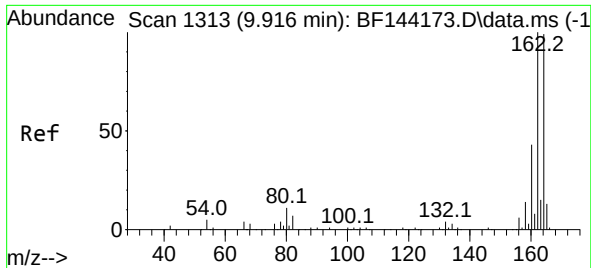
Tgt Ion:142 Resp: 220613

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144303.D

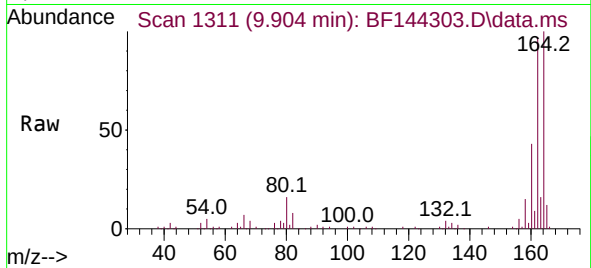
Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS



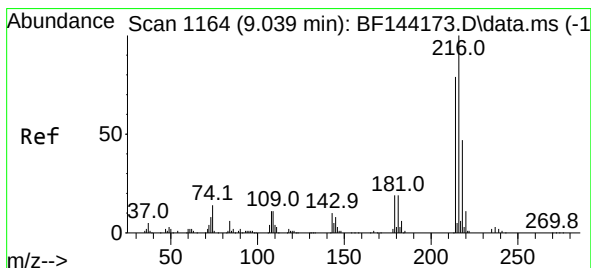
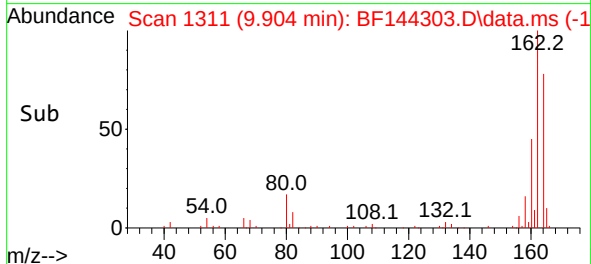
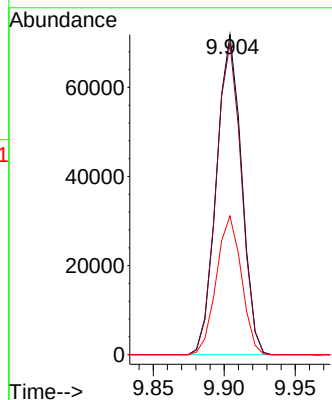
Tgt Ion:164 Resp: 88326

Ion Ratio Lower Upper

164 100

162 97.3 81.1 121.7

160 43.3 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.531 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Tgt Ion:216 Resp: 134695

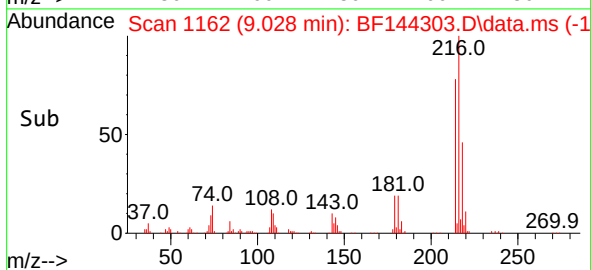
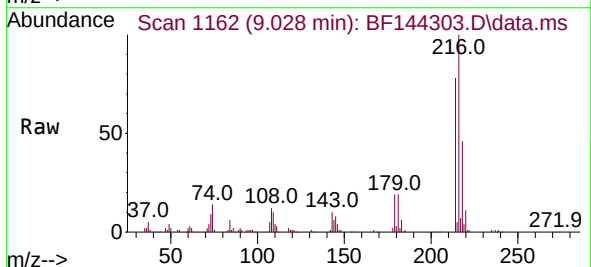
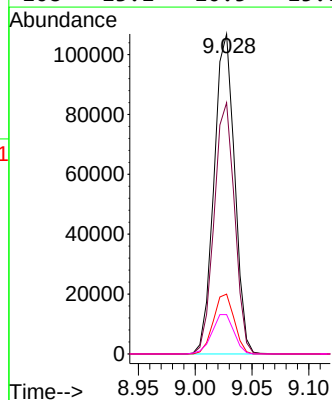
Ion Ratio Lower Upper

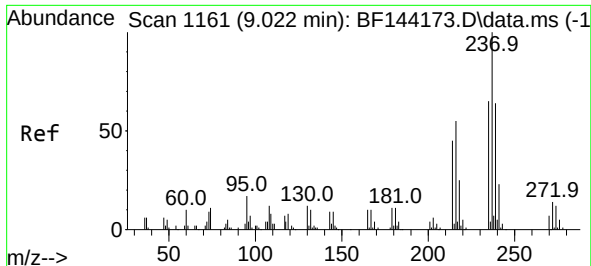
216 100

214 78.0 63.4 95.2

179 18.9 15.0 22.4

108 13.1 10.5 15.7

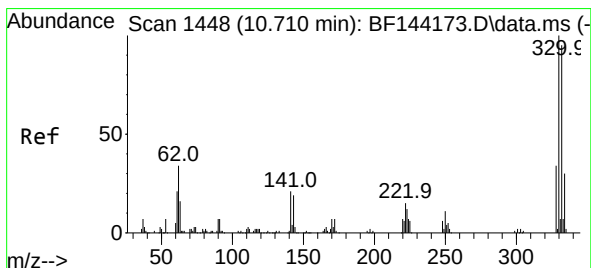
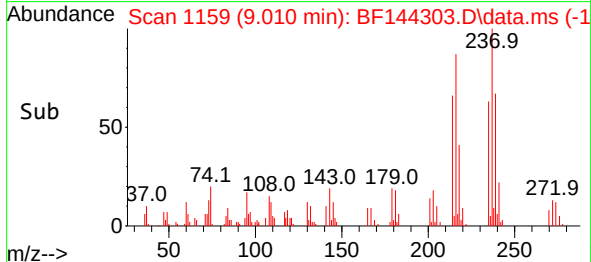
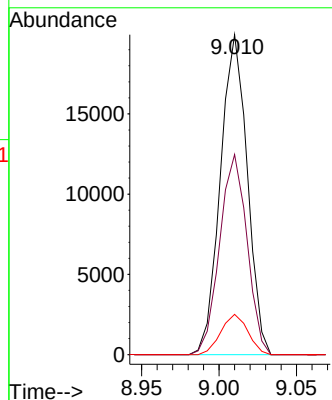
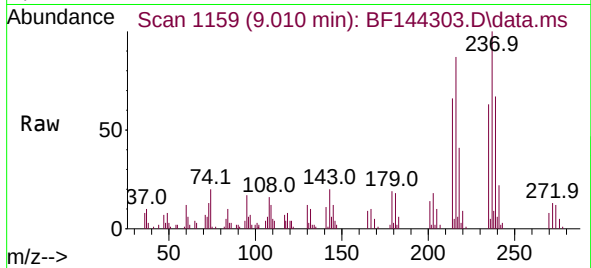




#41
Hexachlorocyclopentadiene
Concen: 29.996 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

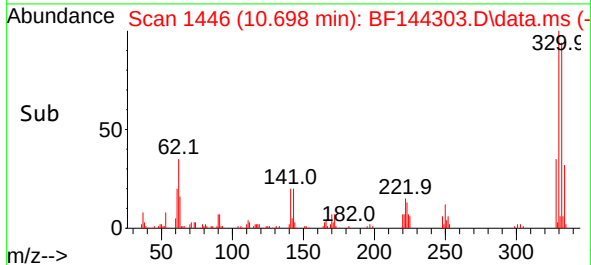
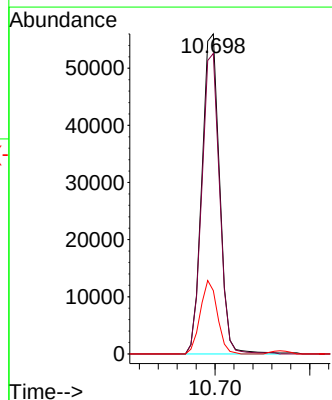
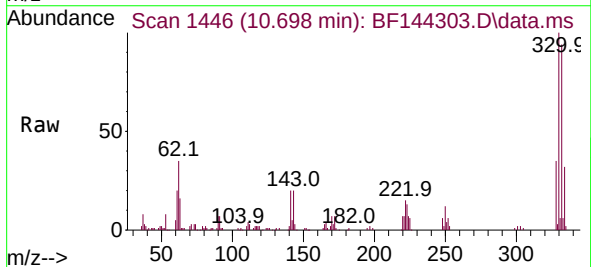
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

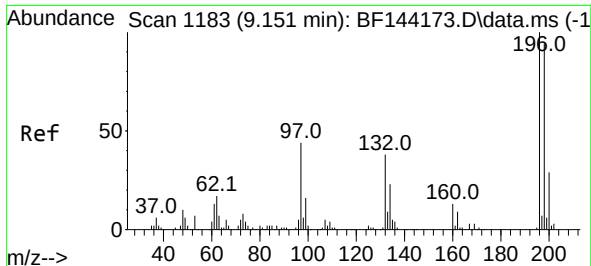
Tgt Ion:	237	Resp:	24125
Ion Ratio	Lower	Upper	
237	100		
235	62.5	45.5	85.5
272	12.6	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 65.449 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:	330	Resp:	72543
Ion Ratio	Lower	Upper	
330	100		
332	94.2	76.7	115.1
141	22.1	17.8	26.8

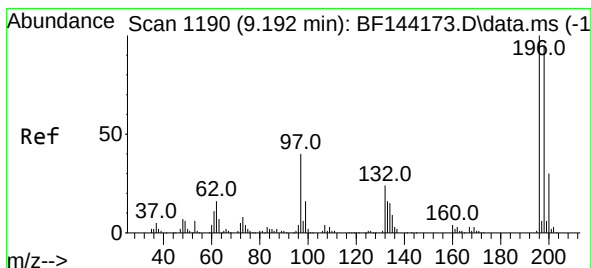
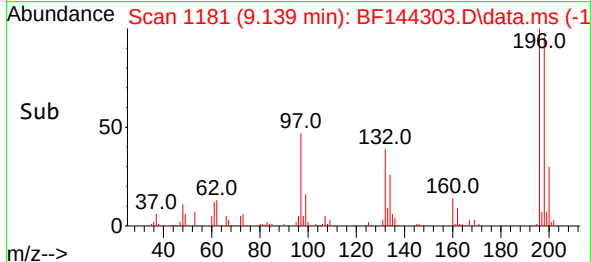
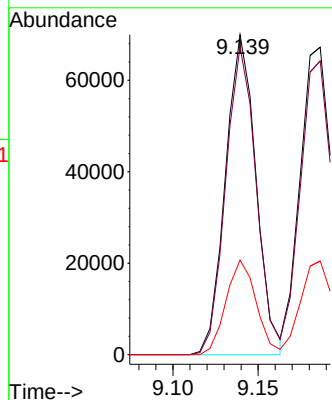
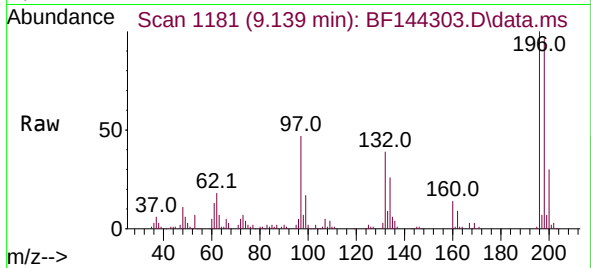




#43
2,4,6-Trichlorophenol
Concen: 44.255 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

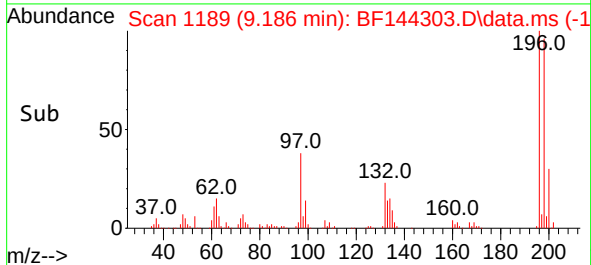
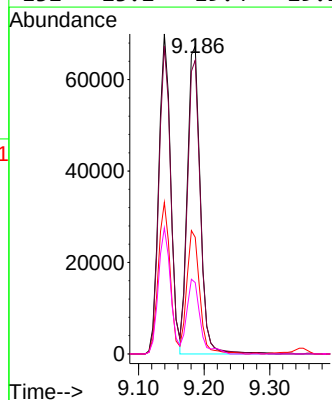
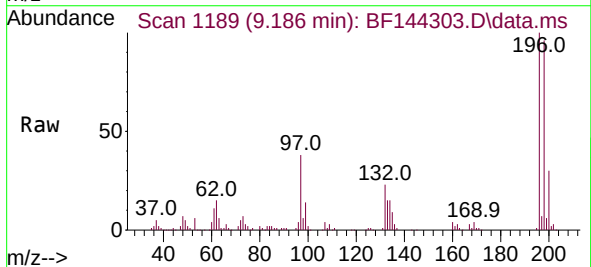
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

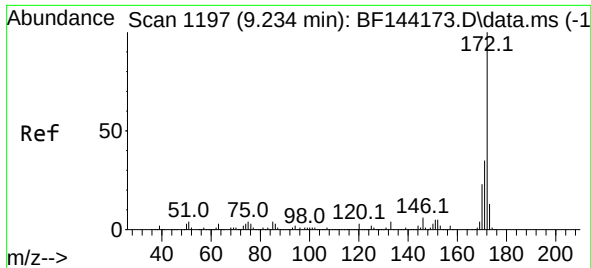
Tgt Ion:196 Resp: 87192
Ion Ratio Lower Upper
196 100
198 96.2 75.3 112.9
200 29.6 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 43.586 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:196 Resp: 92551
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 37.9 31.9 47.9
132 23.2 19.4 29.2

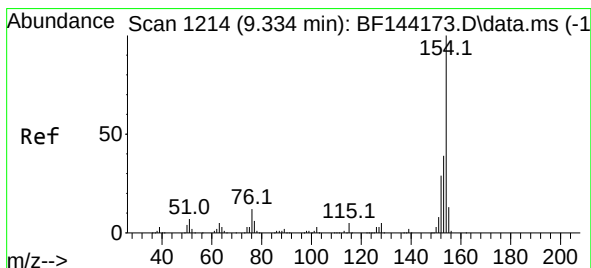
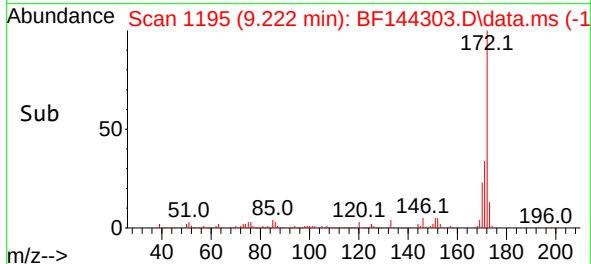
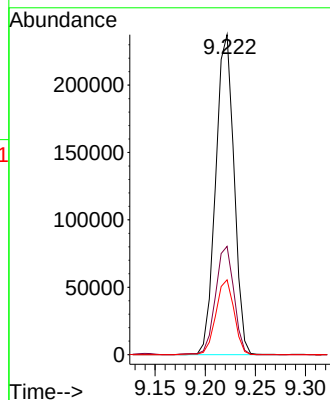
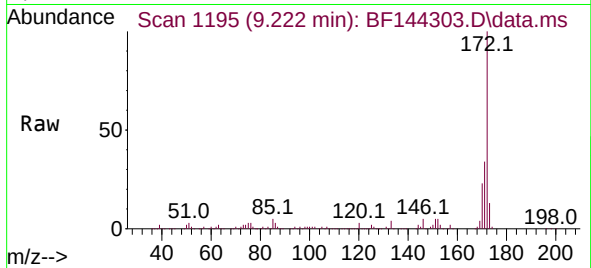




#45
2-Fluorobiphenyl
Concen: 50.430 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

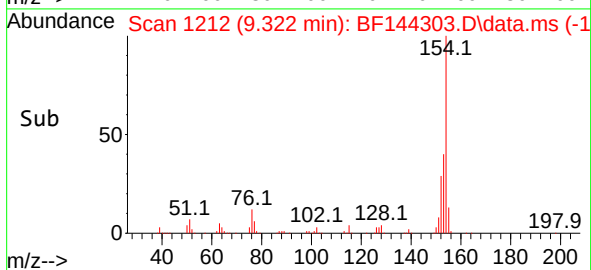
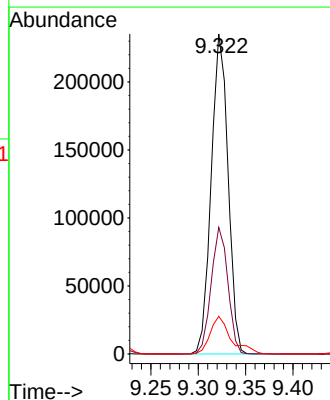
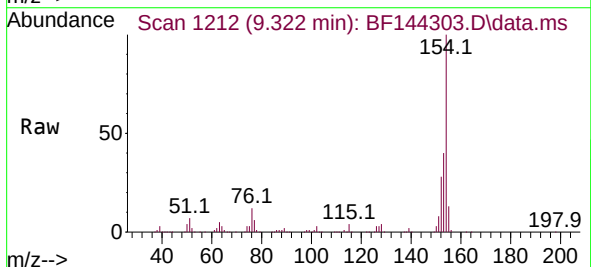
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

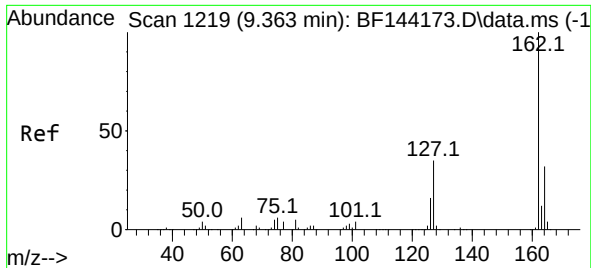
Tgt Ion:172 Resp: 301591
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.183 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:154 Resp: 290901
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 11.7 0.0 31.8





#47

2-Chloronaphthalene

Concen: 45.125 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

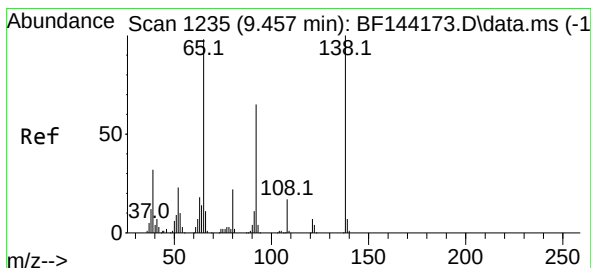
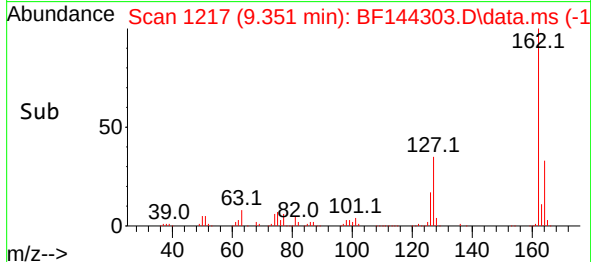
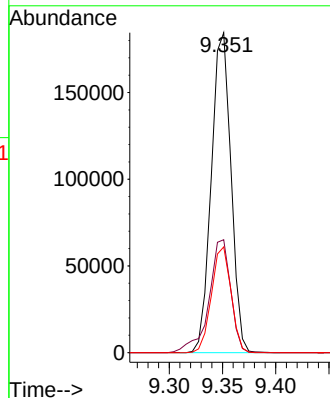
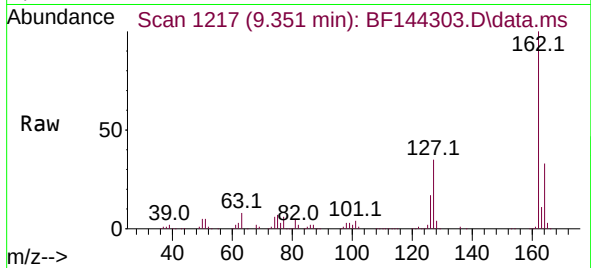
Tgt Ion:162 Resp: 237319

Ion Ratio Lower Upper

162 100

127 35.3 28.8 43.2

164 33.0 25.8 38.8



#48

2-Nitroaniline

Concen: 49.486 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

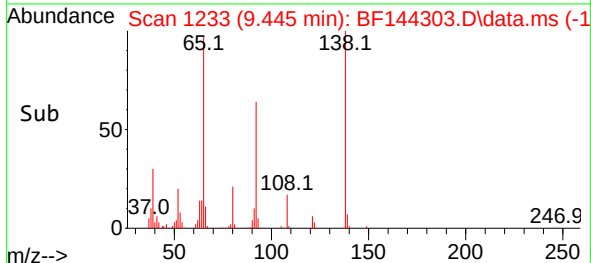
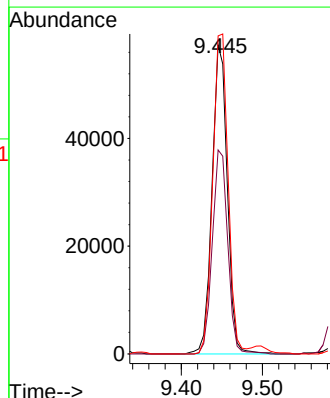
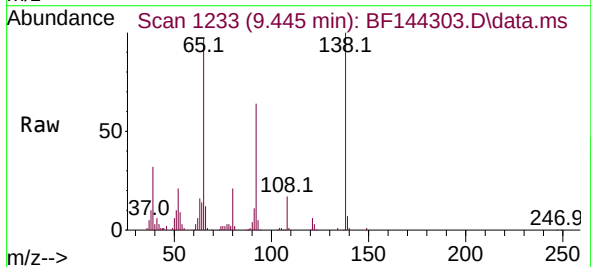
Tgt Ion: 65 Resp: 75092

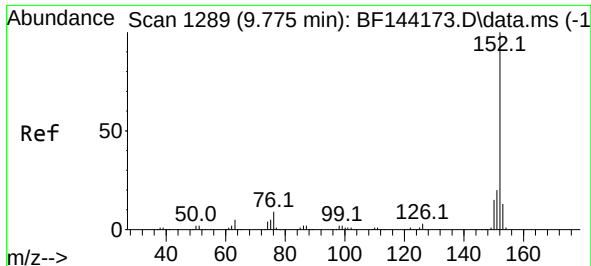
Ion Ratio Lower Upper

65 100

92 66.0 53.0 79.6

138 102.9 81.6 122.4





#49

Acenaphthylene

Concen: 50.901 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144303.D

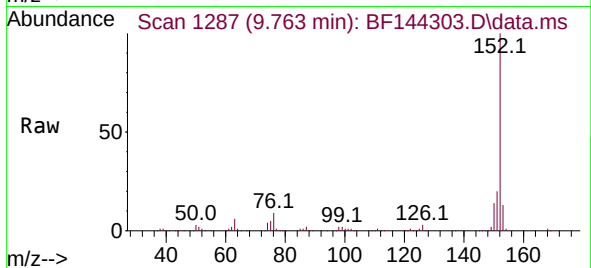
Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS



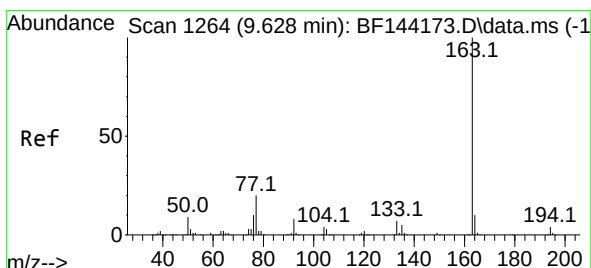
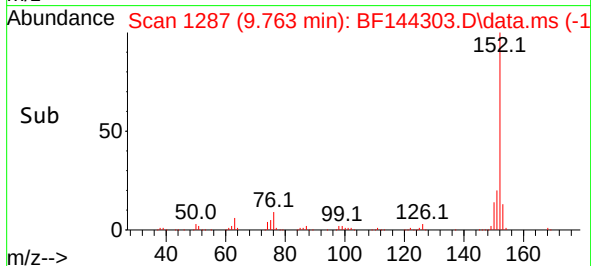
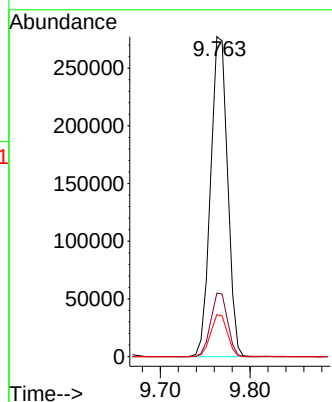
Tgt Ion:152 Resp: 364796

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 48.229 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

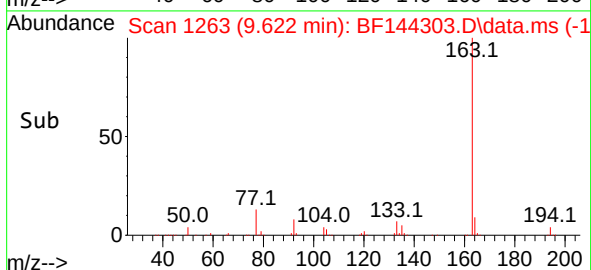
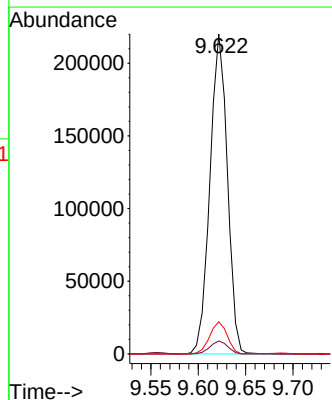
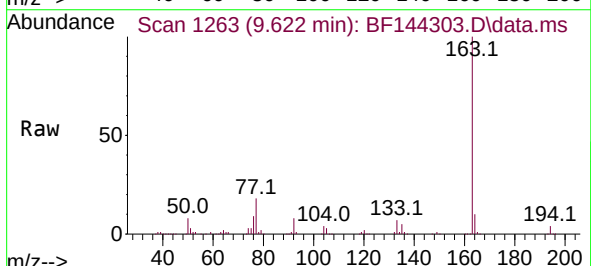
Tgt Ion:163 Resp: 282211

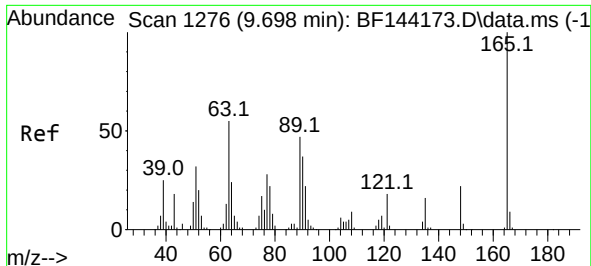
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.1 12.1

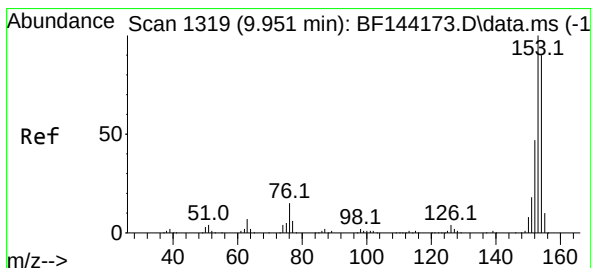
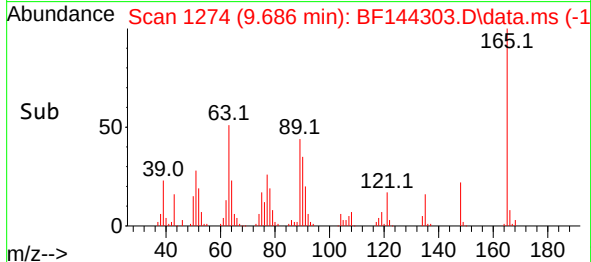
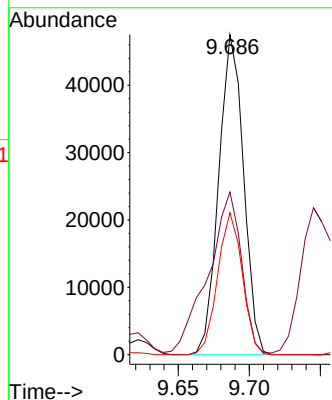
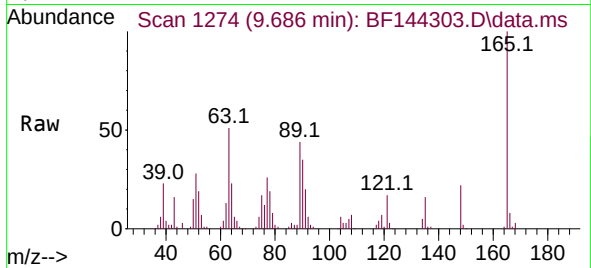




#51
2,6-Dinitrotoluene
Concen: 48.812 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

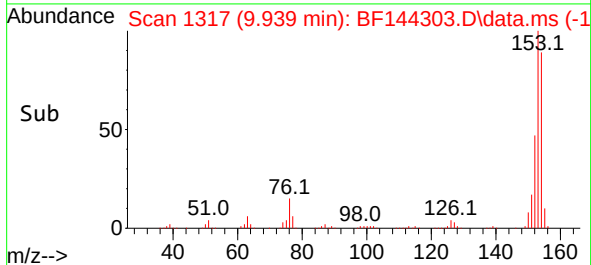
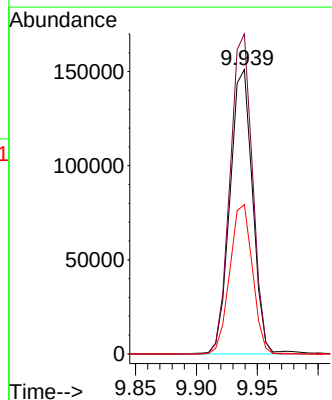
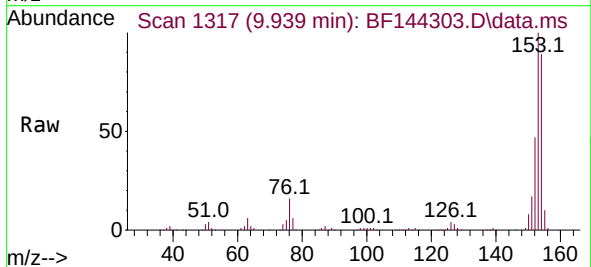
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

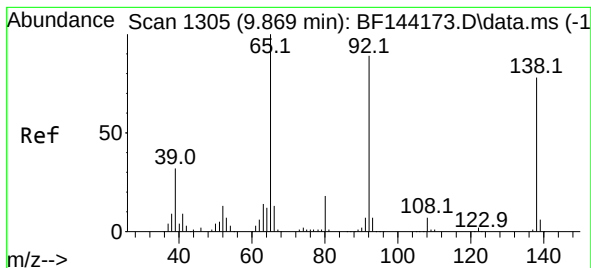
Tgt Ion:165 Resp: 57819
Ion Ratio Lower Upper
165 100
63 50.8 43.8 65.8
89 44.3 37.5 56.3



#52
Acenaphthene
Concen: 40.675 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:154 Resp: 194937
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.4
152 52.5 42.2 63.4





#53

3-Nitroaniline

Concen: 33.941 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

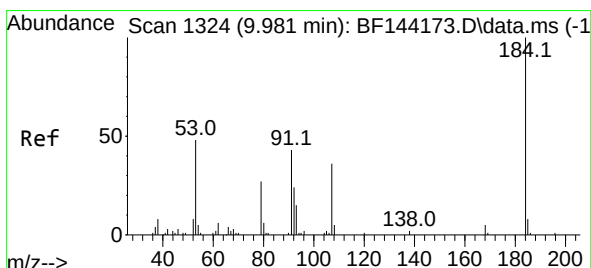
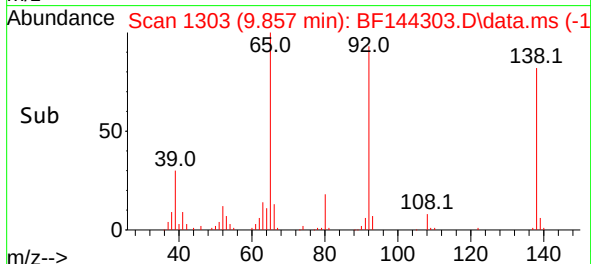
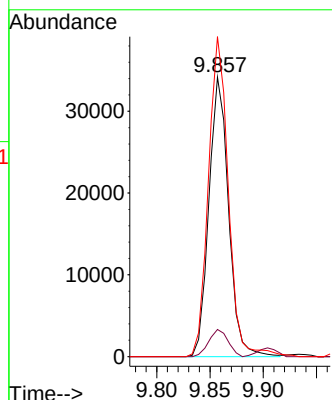
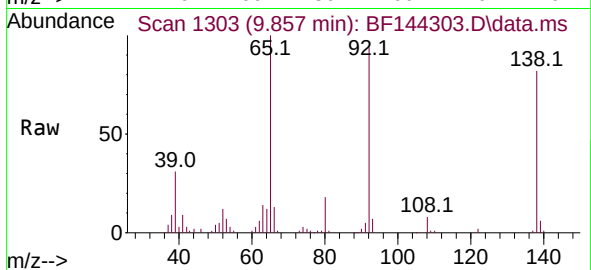
Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

Tgt Ion:138	Resp:	43949
Ion Ratio	Lower	Upper
138	100	
108	9.7	7.5 11.3
92	114.5	91.8 137.6



#54

2,4-Dinitrophenol

Concen: 7.031 ng

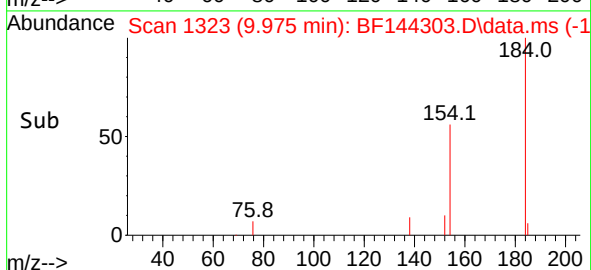
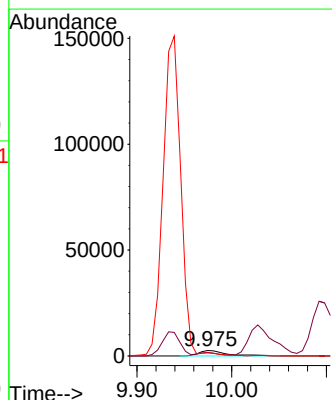
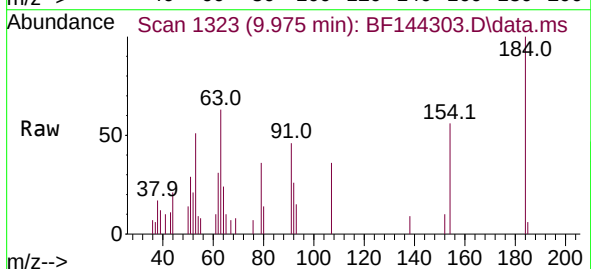
RT: 9.975 min Scan# 1323

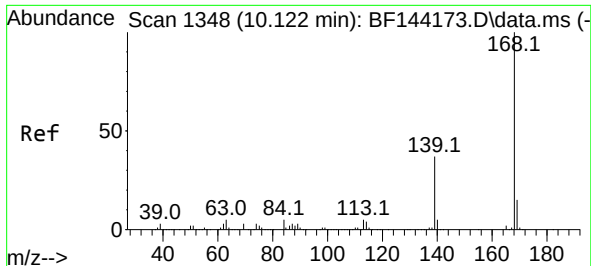
Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Tgt Ion:184	Resp:	5029
Ion Ratio	Lower	Upper
184	100	
63	62.7	44.0 66.0
154	55.8	42.4 63.6





#55

Dibenzenofuran

Concen: 44.988 ng

RT: 10.110 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

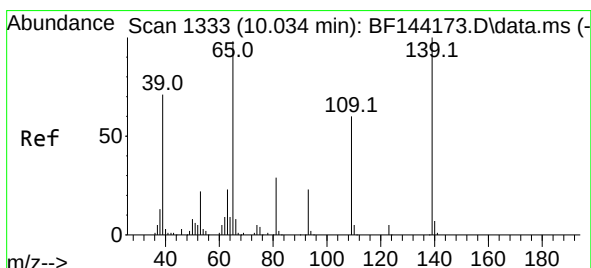
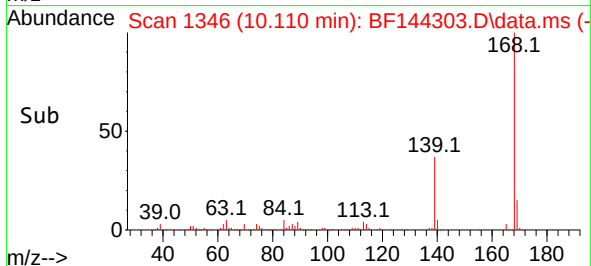
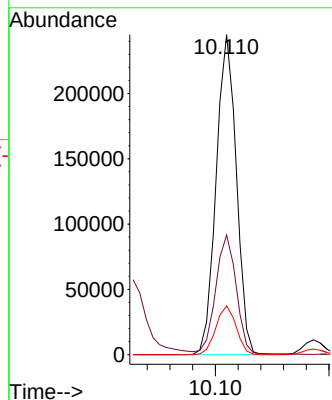
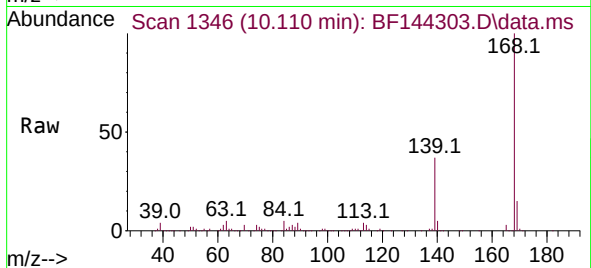
Tgt Ion:168 Resp: 301970

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 90.611 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

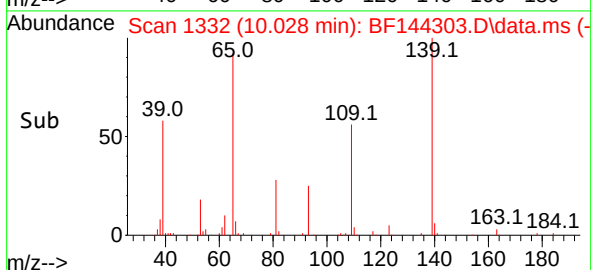
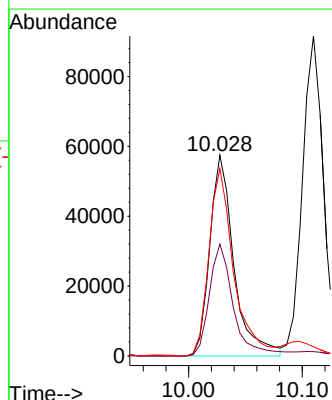
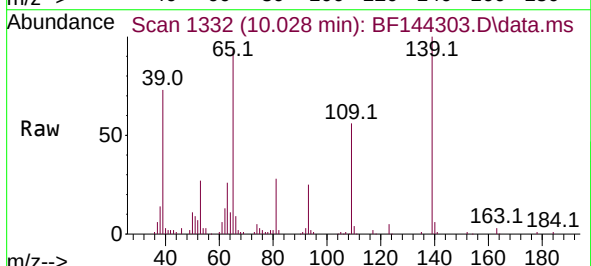
Tgt Ion:139 Resp: 84871

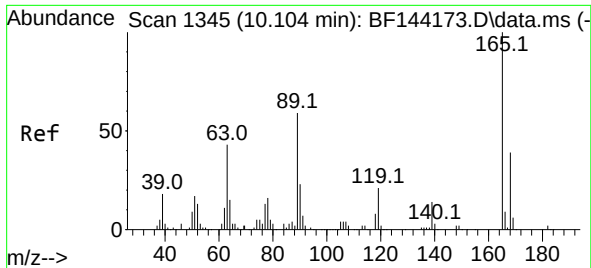
Ion Ratio Lower Upper

139 100

109 55.7 39.9 79.9

65 93.4 79.5 119.5

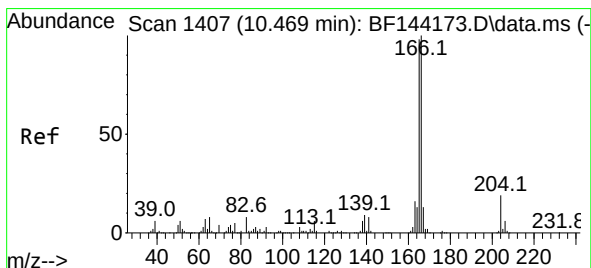
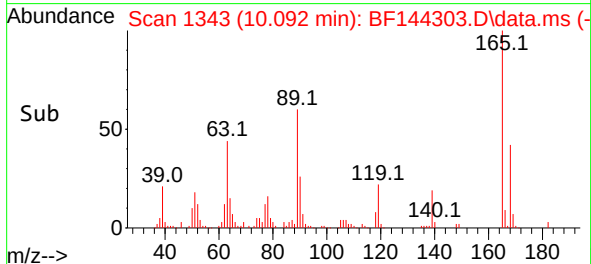
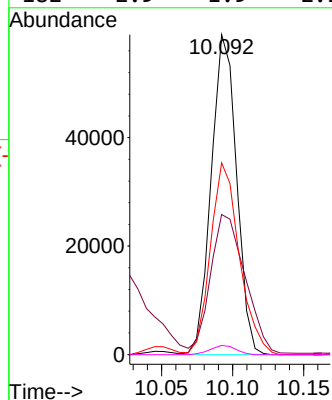
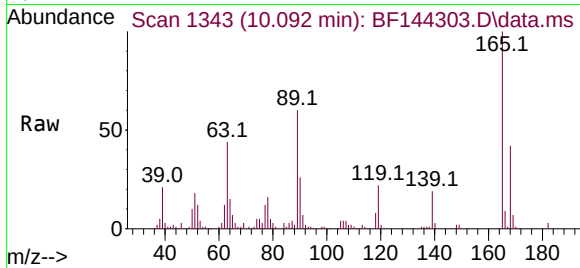




#57
2,4-Dinitrotoluene
Concen: 46.188 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

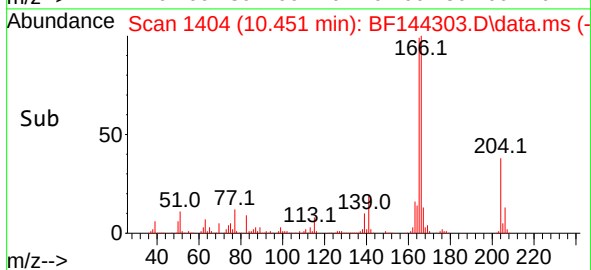
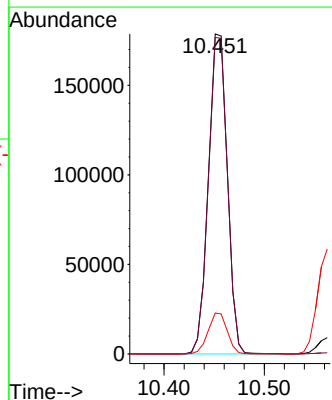
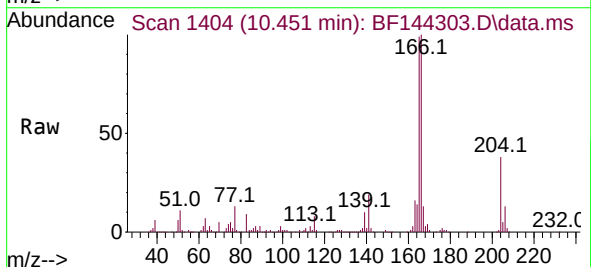
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

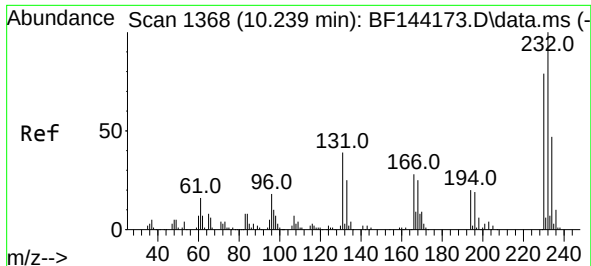
Tgt Ion:165	Resp:	73241
Ion Ratio	Lower	Upper
165	100	
63	43.8	35.5 53.3
89	59.9	47.4 71.2
182	2.9	1.9 2.9#



#58
Fluorene
Concen: 45.911 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:166	Resp:	234298
Ion Ratio	Lower	Upper
166	100	
165	98.9	78.6 118.0
167	12.8	10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.194 ng

RT: 10.233 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

Tgt Ion:232 Resp: 70902

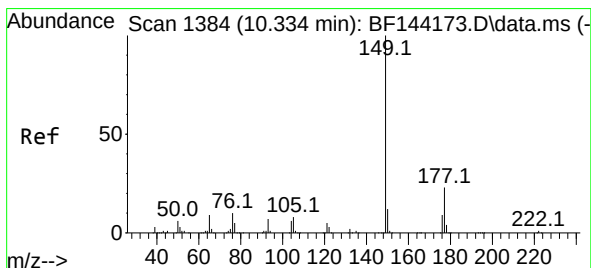
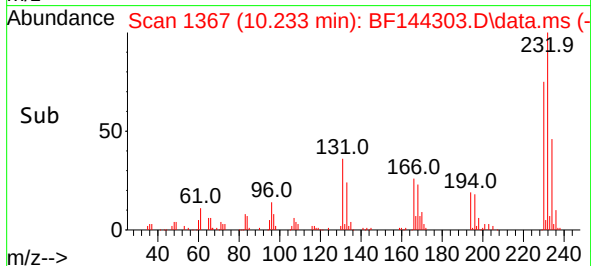
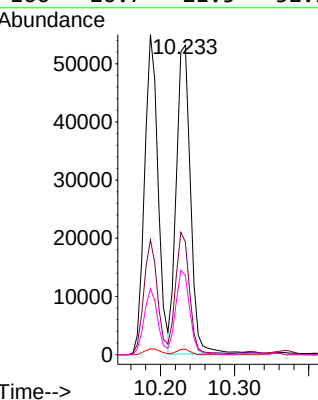
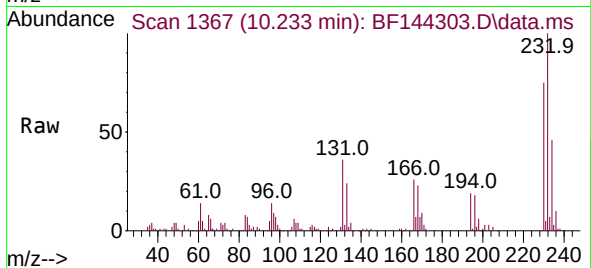
Ion Ratio Lower Upper

232 100

131 37.7 30.3 45.5

130 1.7 1.2 1.8

166 26.7 21.5 32.3



#60

Diethylphthalate

Concen: 47.485 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

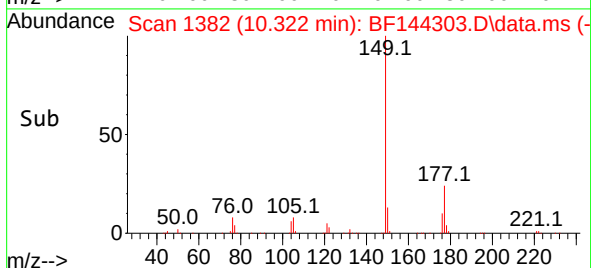
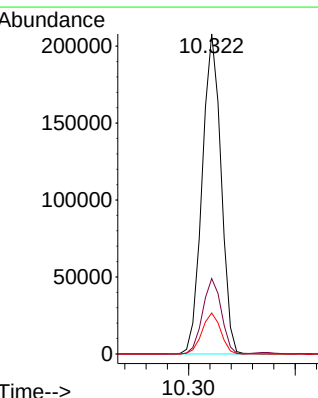
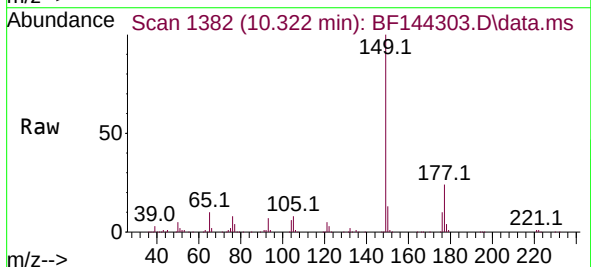
Tgt Ion:149 Resp: 256137

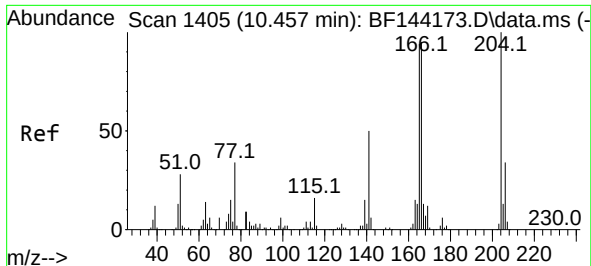
Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

150 12.8 9.8 14.6

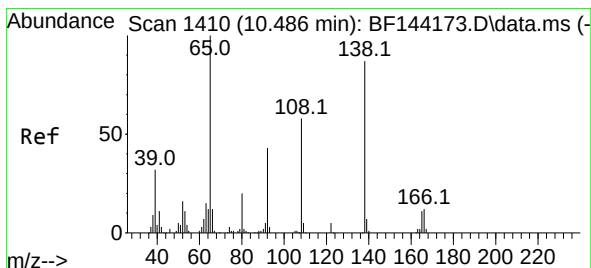
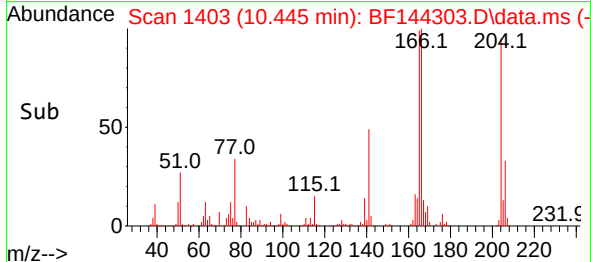
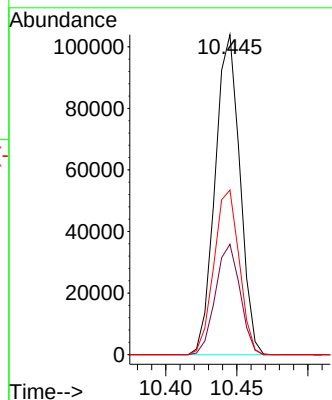
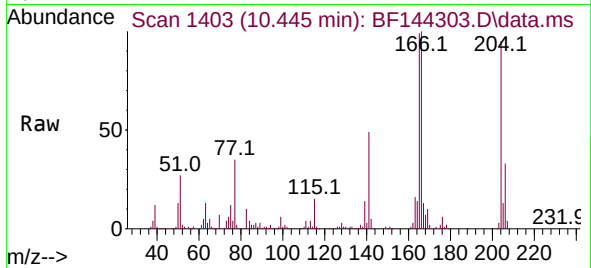




#61
4-Chlorophenyl-phenylether
Concen: 43.421 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

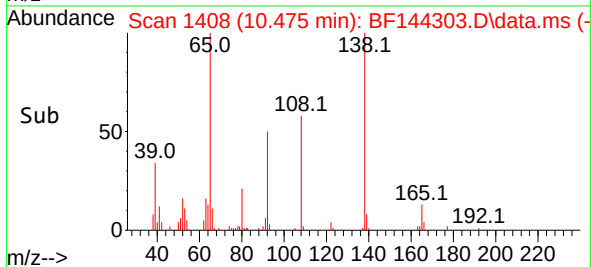
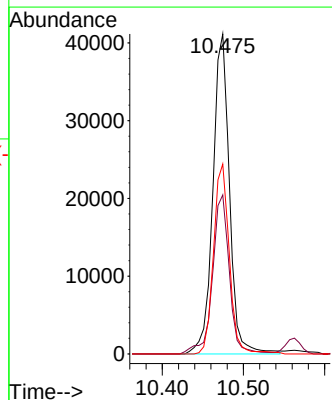
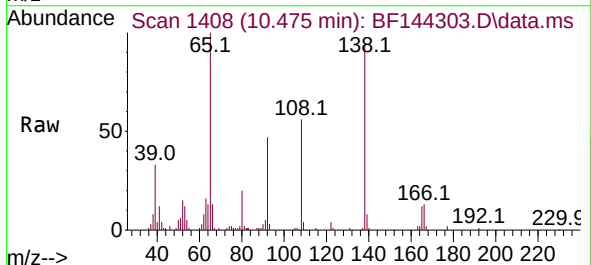
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

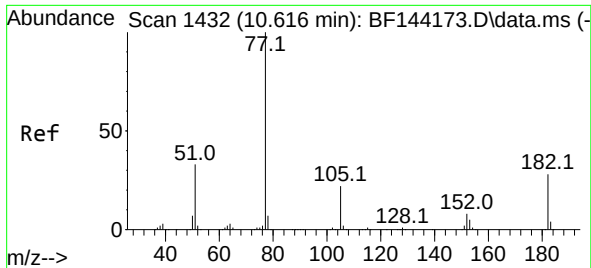
Tgt Ion:204 Resp: 126225
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.2
141 51.4 40.0 60.0



#62
4-Nitroaniline
Concen: 47.505 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:138 Resp: 58579
Ion Ratio Lower Upper
138 100
92 49.7 29.4 69.4
108 59.3 46.4 86.4

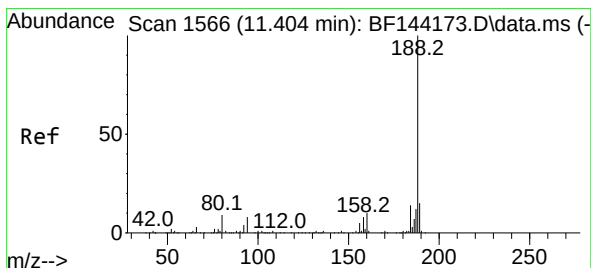
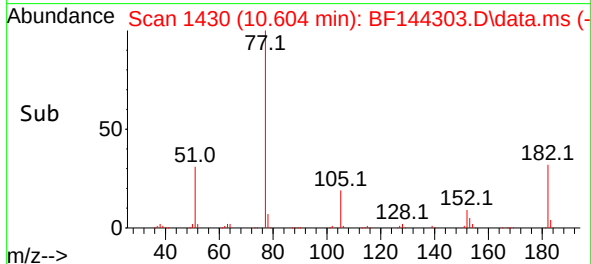
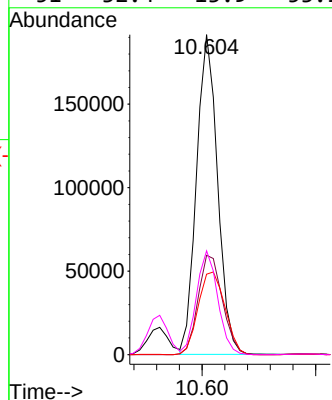
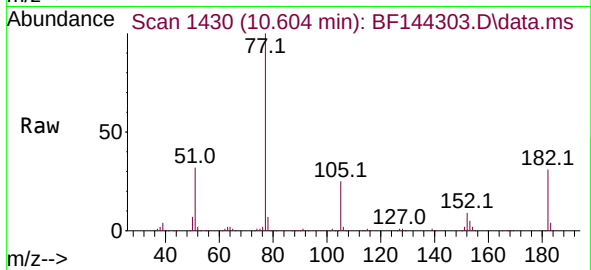




#63
Azobenzene
Concen: 49.039 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

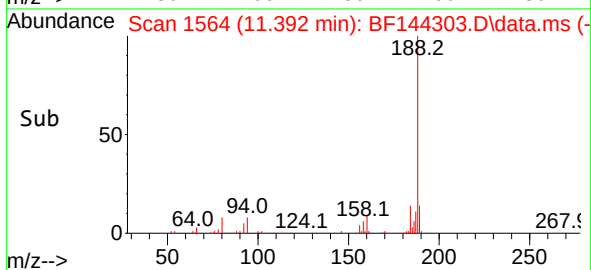
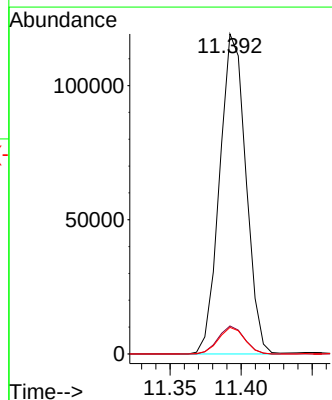
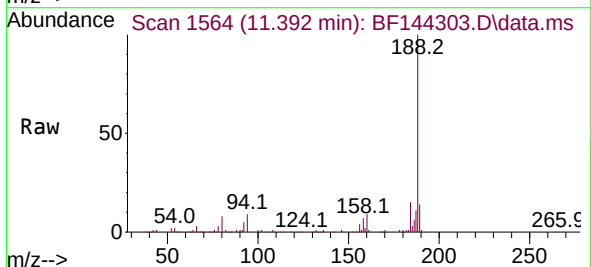
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

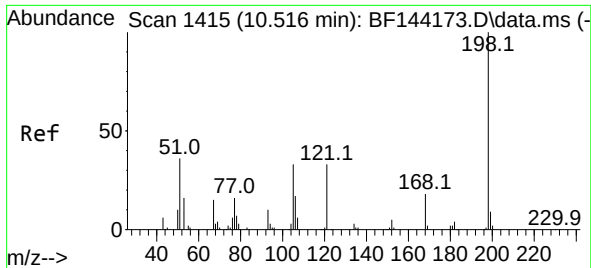
Tgt Ion: 77	Resp: 246183
Ion Ratio	Lower Upper
77 100	
182 31.0	8.1 48.1
105 25.1	2.0 42.0
51 32.4	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:188	Resp:	153411	
Ion Ratio	Lower	Upper	
188 100			
94 8.7	6.2	9.2	
80 8.3	6.9	10.3	

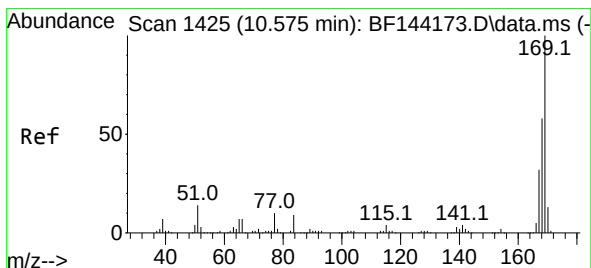
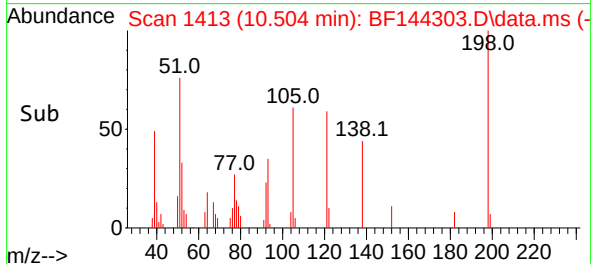
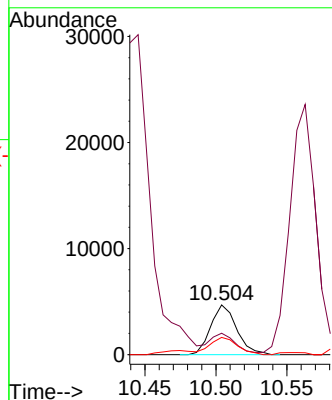
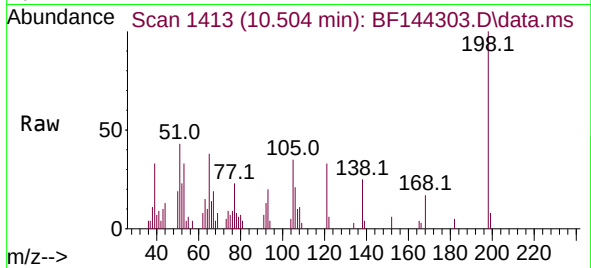




#65
4,6-Dinitro-2-methylphenol
Concen: 5.703 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

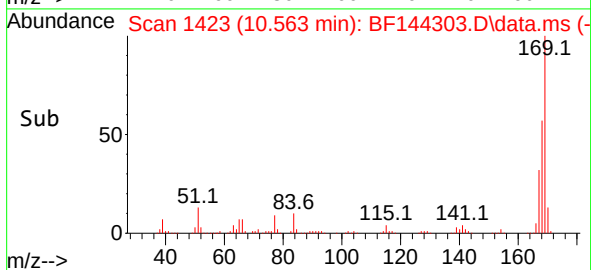
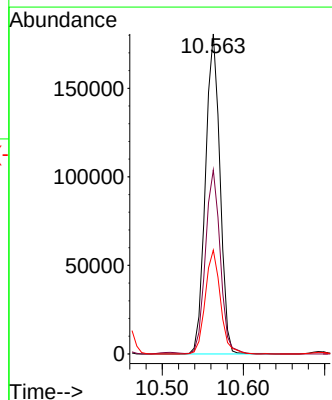
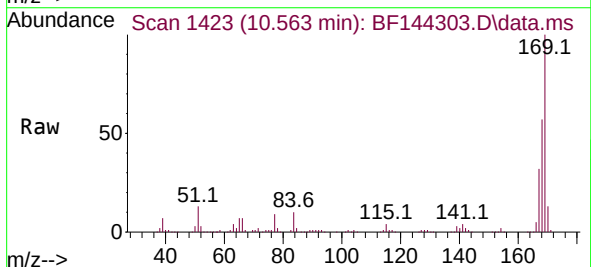
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

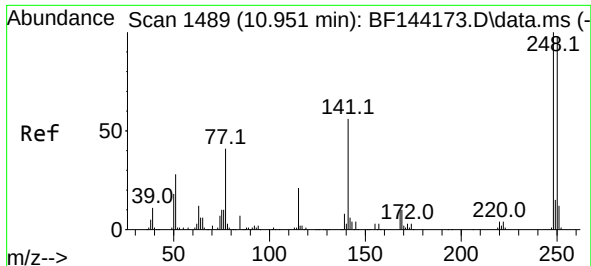
Tgt Ion:198 Resp: 5944
Ion Ratio Lower Upper
198 100
51 43.1 25.6 65.6
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 45.607 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:169 Resp: 225030
Ion Ratio Lower Upper
169 100
168 57.5 46.2 69.2
167 32.4 25.7 38.5

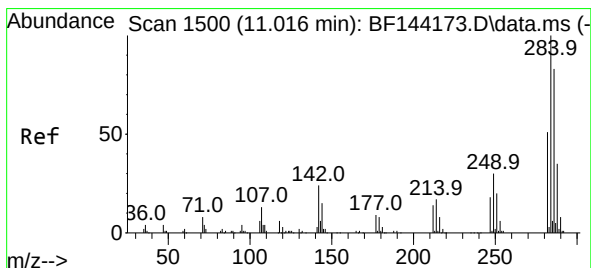
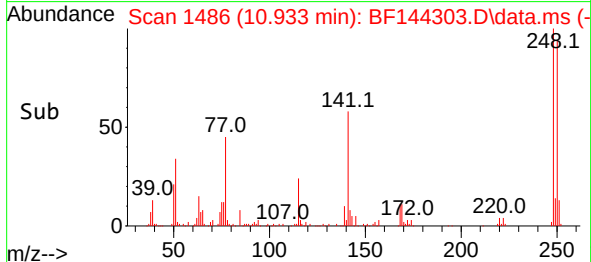
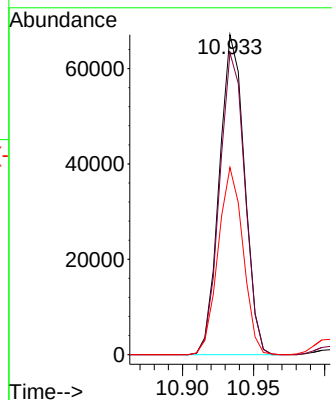
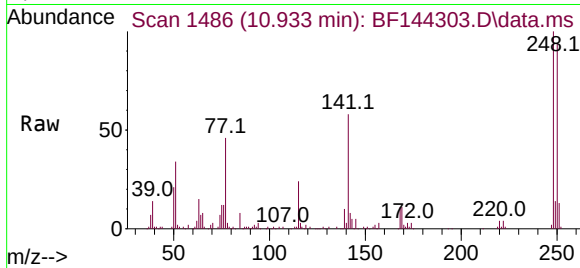




#67
4-Bromophenyl-phenylether
Concen: 42.180 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

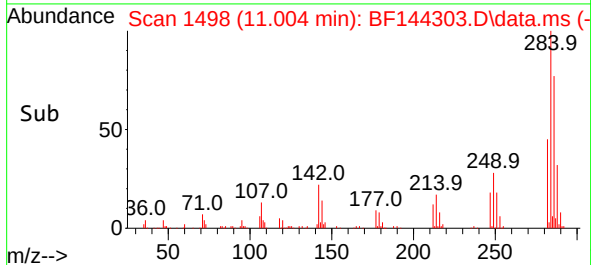
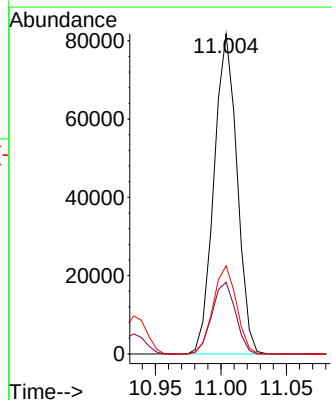
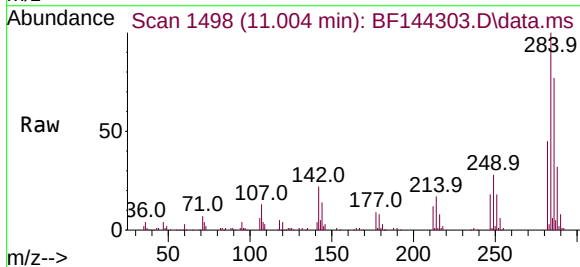
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

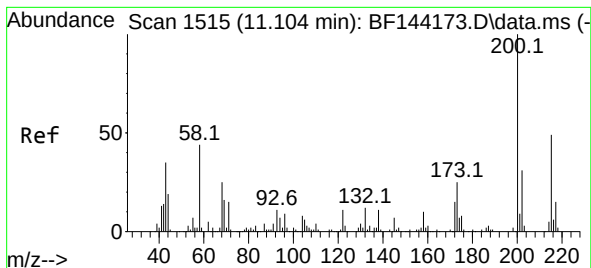
Tgt Ion:248 Resp: 82595
Ion Ratio Lower Upper
248 100
250 94.3 78.4 117.6
141 58.5 45.1 67.7



#68
Hexachlorobenzene
Concen: 43.343 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:284 Resp: 99968
Ion Ratio Lower Upper
284 100
142 22.4 19.2 28.8
249 27.5 23.8 35.8





#69

Atrazine

Concen: 48.090 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

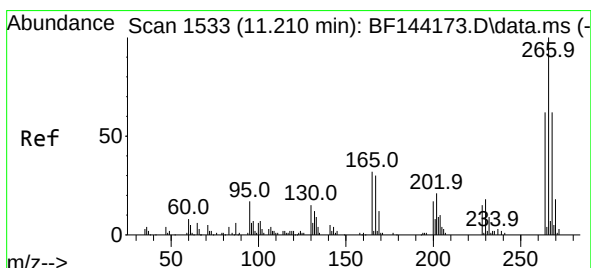
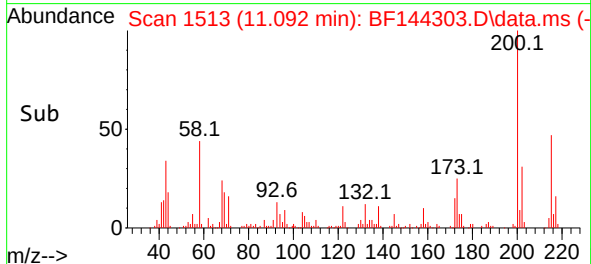
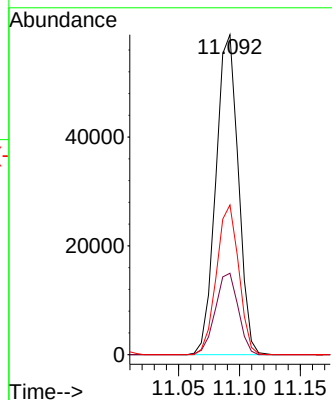
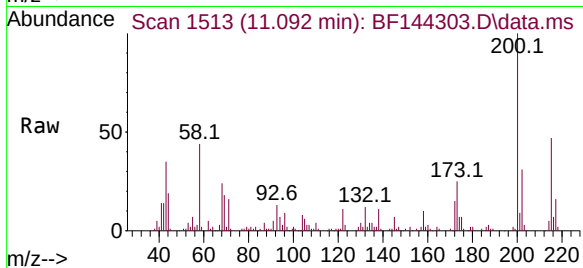
Tgt Ion:200 Resp: 75460

Ion Ratio Lower Upper

200 100

173 25.4 5.0 45.0

215 46.8 28.7 68.7



#70

Pentachlorophenol

Concen: 84.688 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

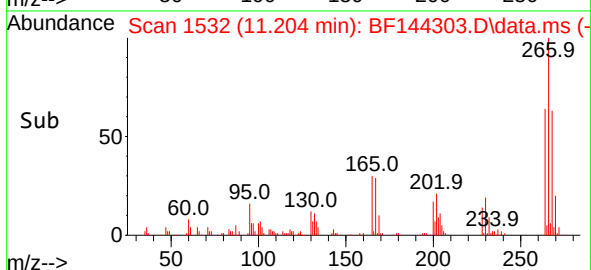
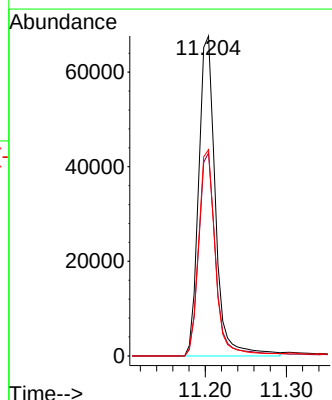
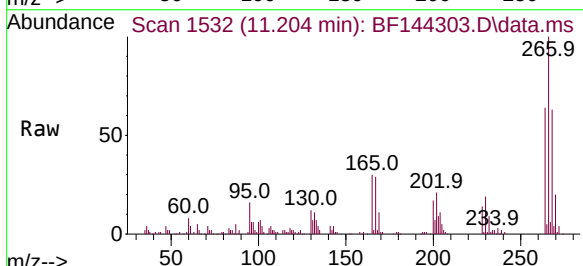
Tgt Ion:266 Resp: 97266

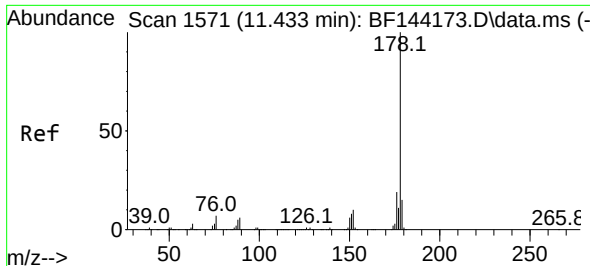
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

264 64.4 49.4 74.2

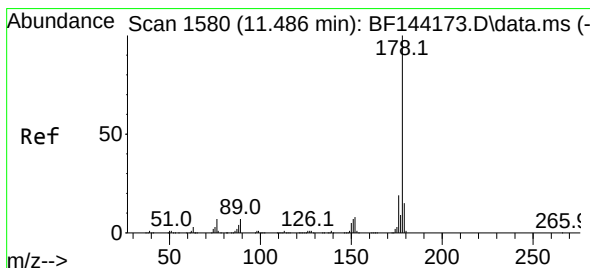
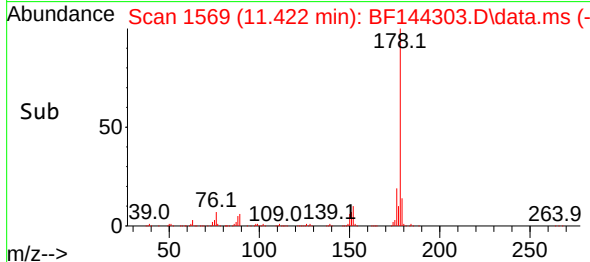
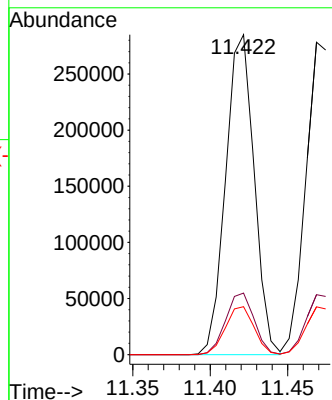
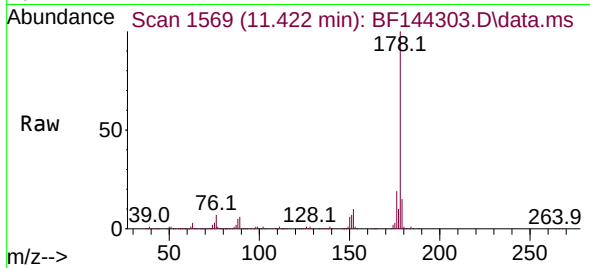




#71
Phenanthrene
Concen: 47.730 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

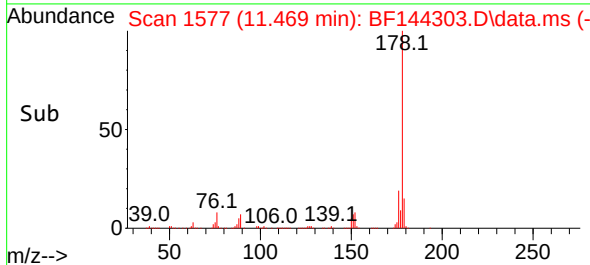
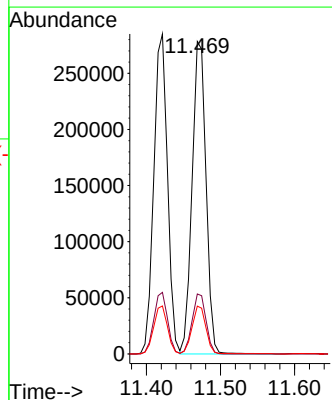
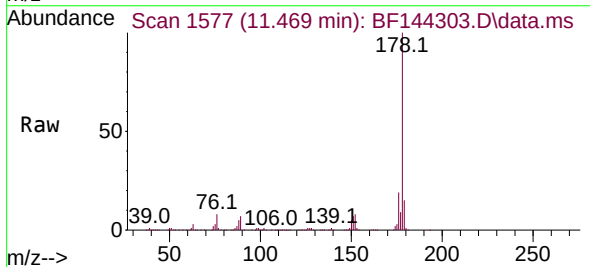
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

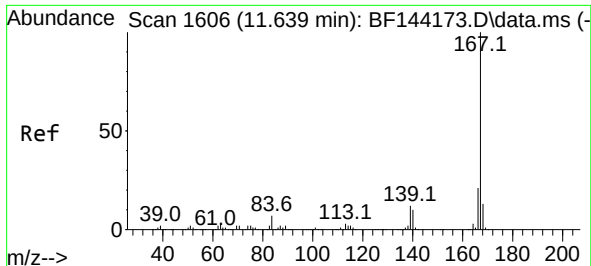
Tgt Ion:178 Resp: 364570
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.0 12.2 18.4



#72
Anthracene
Concen: 46.900 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:178 Resp: 364256
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.0 18.0

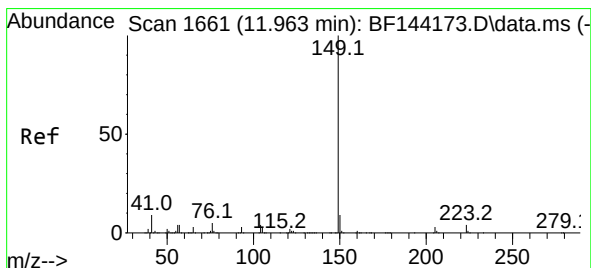
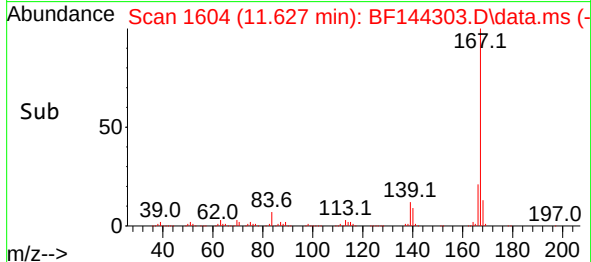
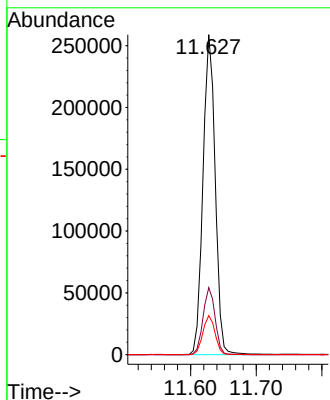
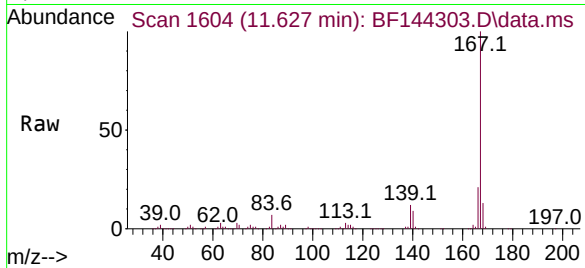




#73
Carbazole
Concen: 50.437 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

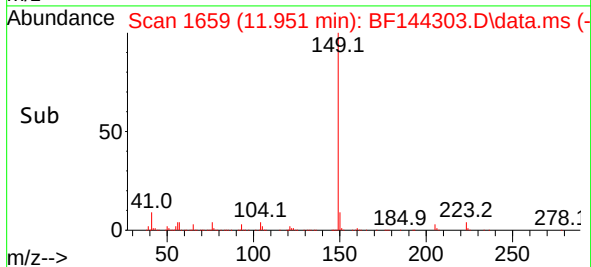
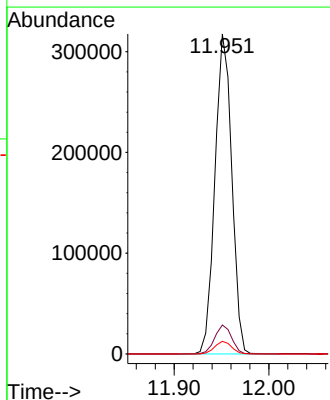
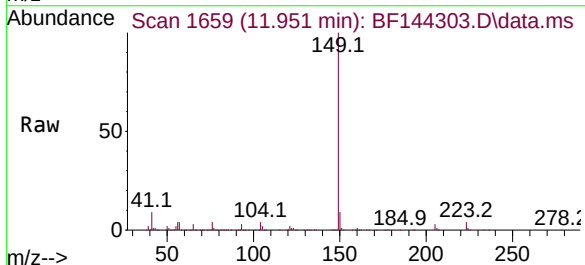
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

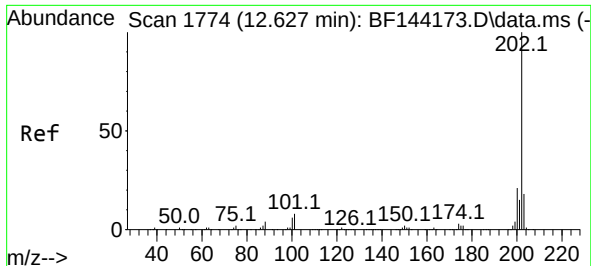
Tgt Ion:167 Resp: 333099
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 49.104 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:149 Resp: 392037
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 3.9 3.4 5.2

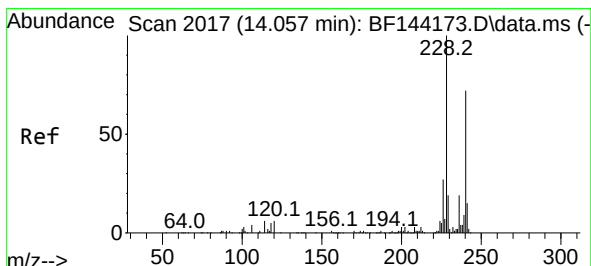
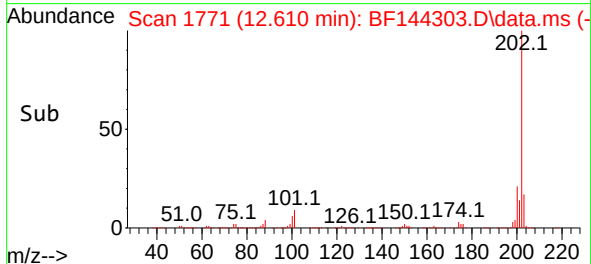
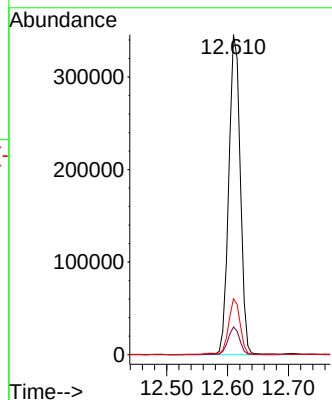
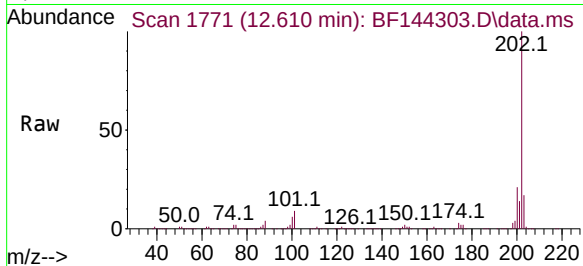




#75
Fluoranthene
Concen: 57.678 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

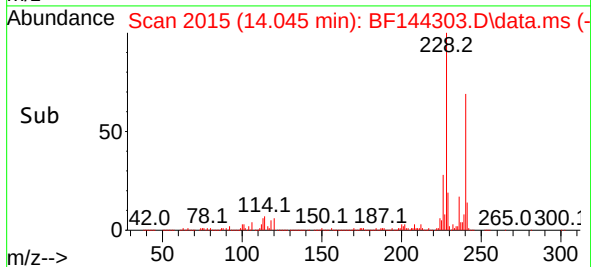
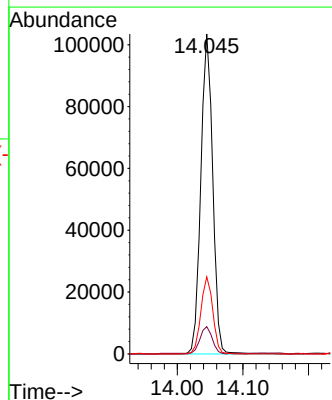
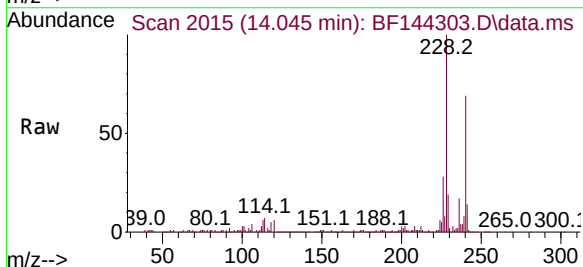
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

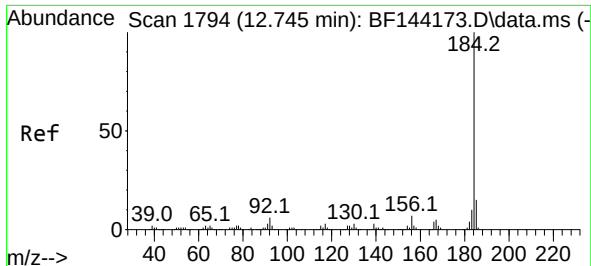
Tgt Ion:202 Resp: 455093
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:240 Resp: 129309
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 24.1 21.4 32.2

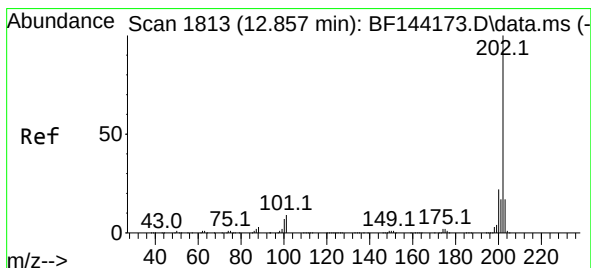
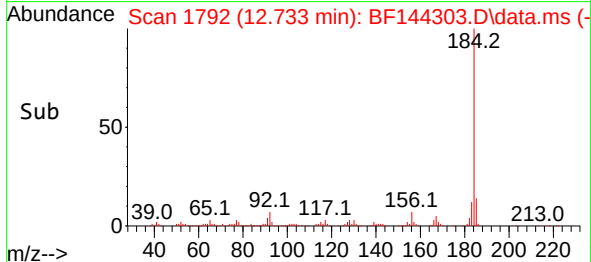
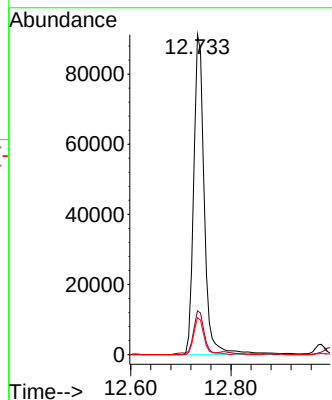
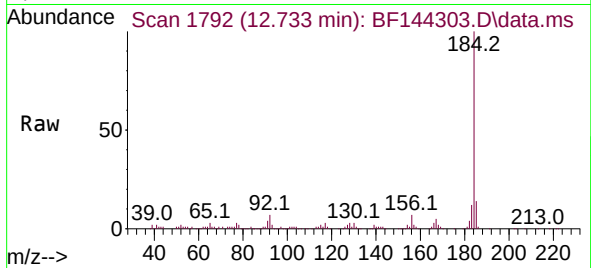




#77
Benzidine
Concen: 34.990 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

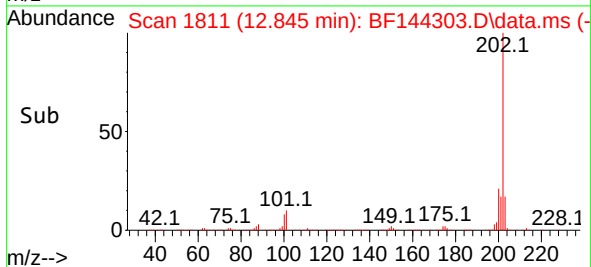
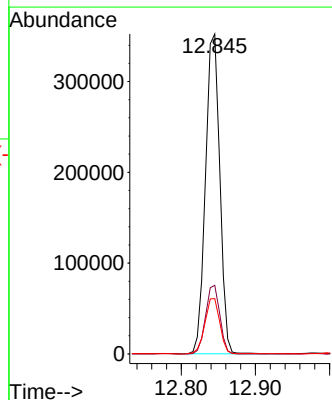
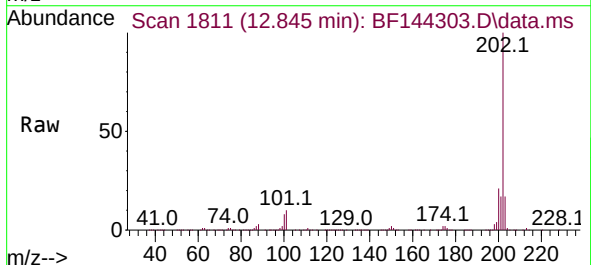
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

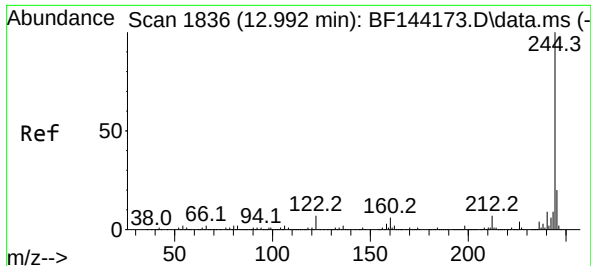
Tgt Ion:184 Resp: 133834
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 11.5 8.3 12.5



#78
Pyrene
Concen: 45.257 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

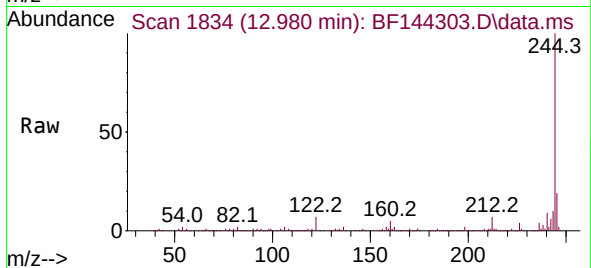
Tgt Ion:202 Resp: 471853
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.3 13.7 20.5



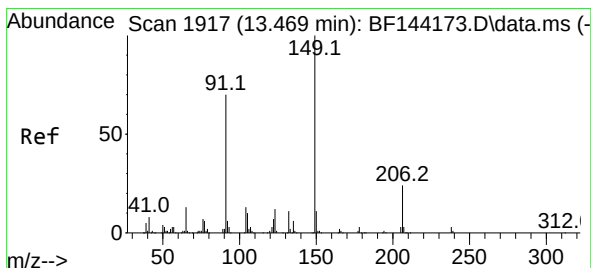
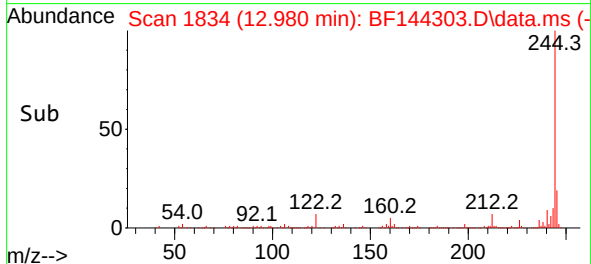
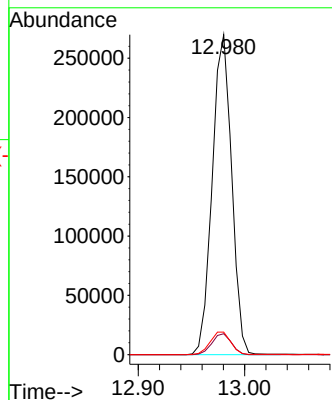


#79
 Terphenyl-d14
 Concen: 42.056 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B3-0.0-1.0-20251117MS

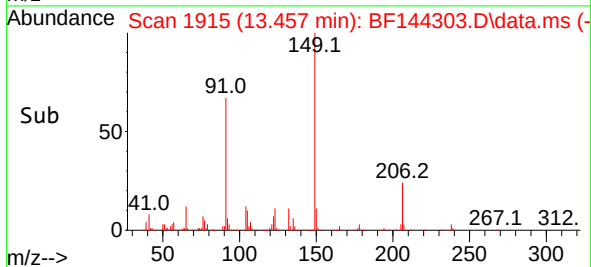
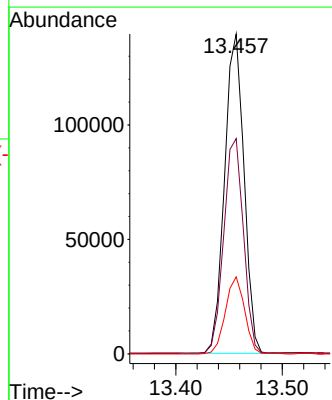
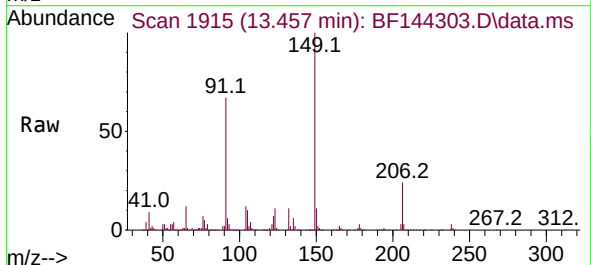


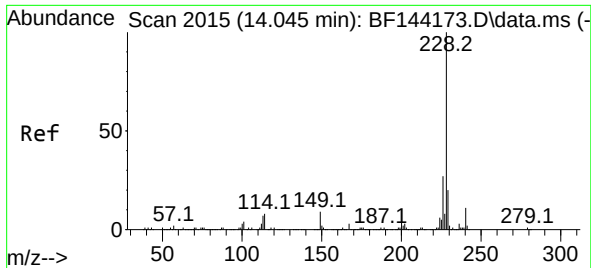
Tgt Ion:244 Resp: 342368
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 7.0 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 49.012 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

Tgt Ion:149 Resp: 177107
 Ion Ratio Lower Upper
 149 100
 91 67.3 56.1 84.1
 206 24.1 18.8 28.2

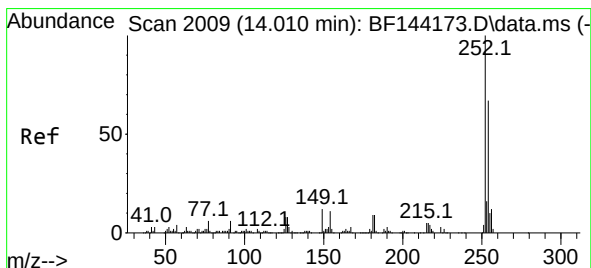
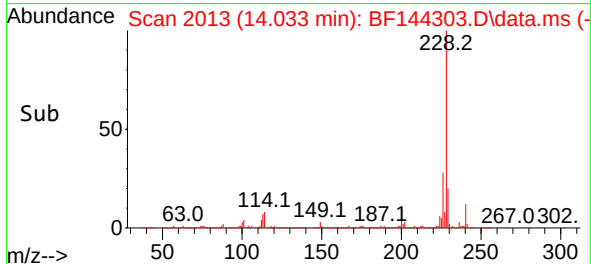
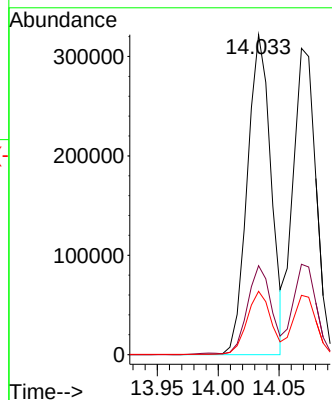
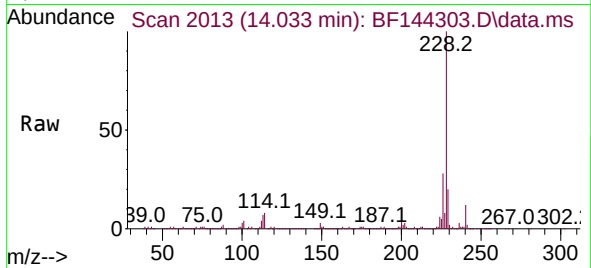




#81
Benzo(a)anthracene
Concen: 48.663 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

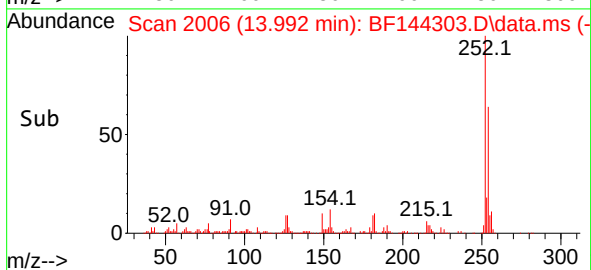
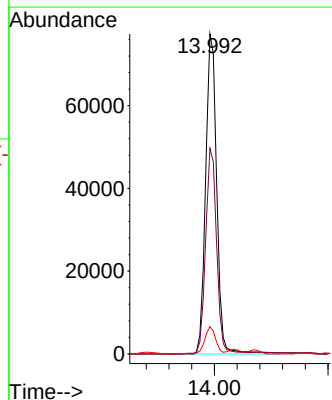
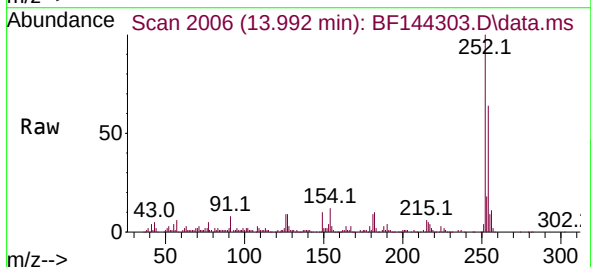
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

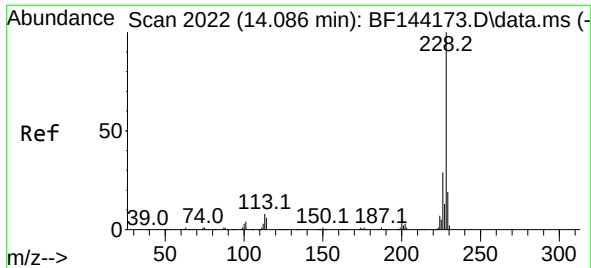
Tgt Ion:228 Resp: 436124
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 34.259 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:252 Resp: 105242
Ion Ratio Lower Upper
252 100
254 64.2 53.5 80.3
126 8.5 6.4 9.6





#83

Chrysene

Concen: 48.660 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

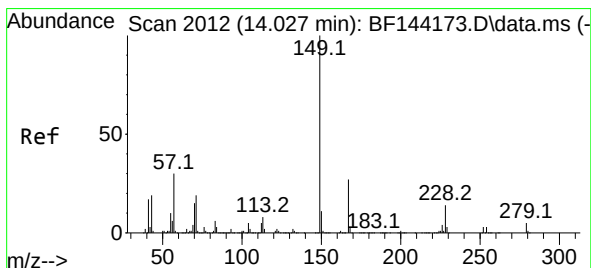
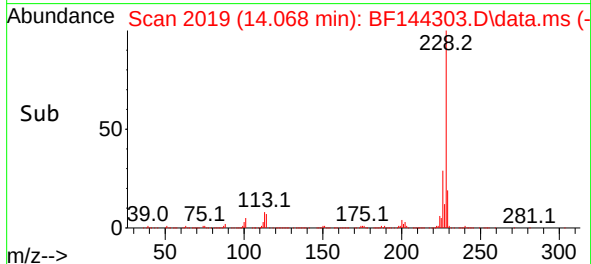
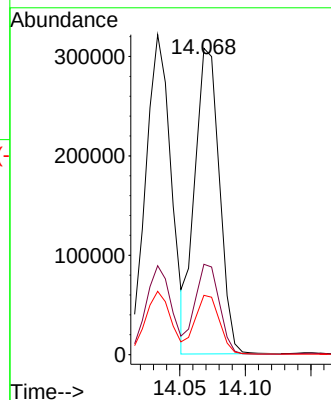
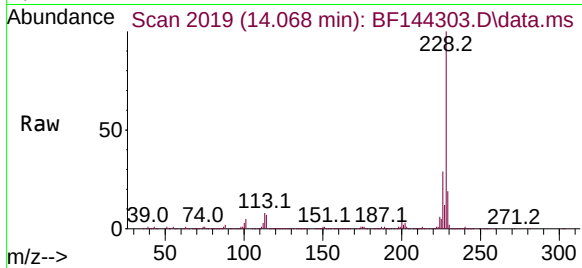
Tgt Ion:228 Resp: 402572

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.953 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

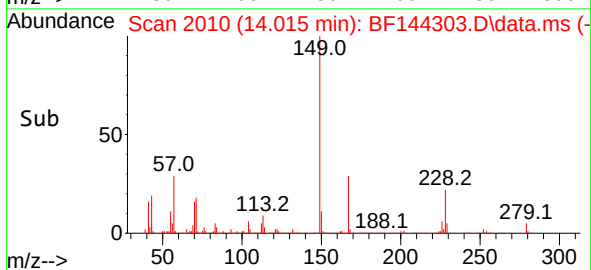
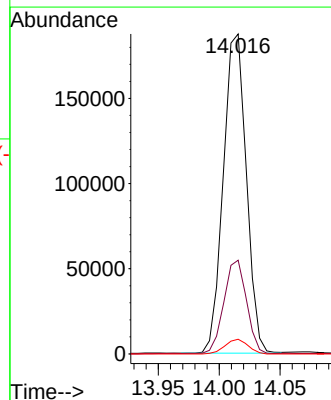
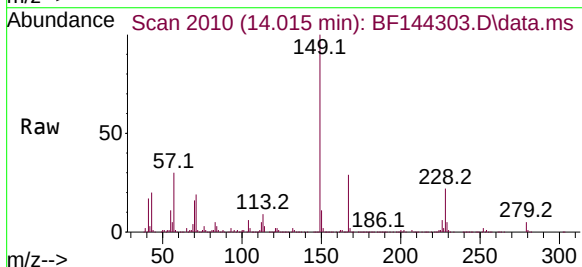
Tgt Ion:149 Resp: 247104

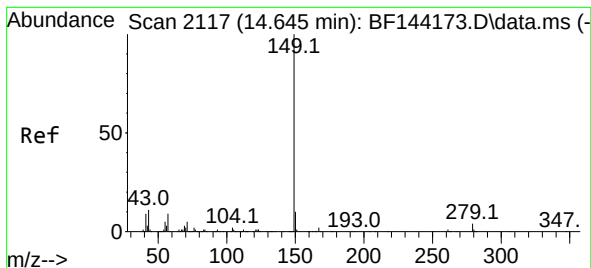
Ion Ratio Lower Upper

149 100

167 29.3 21.8 32.8

279 4.6 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.989 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

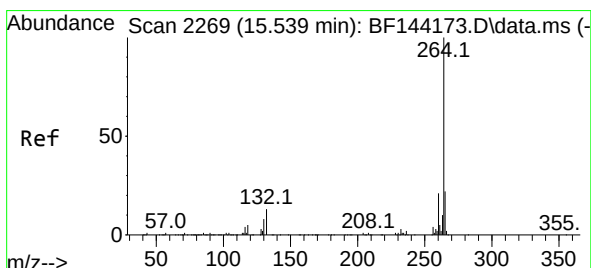
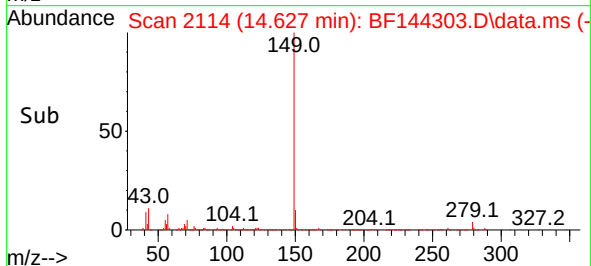
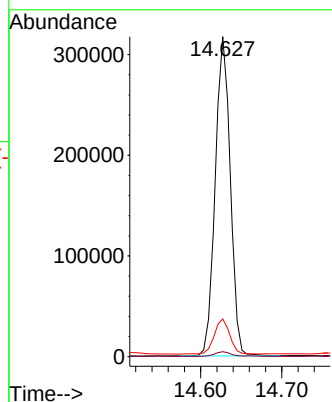
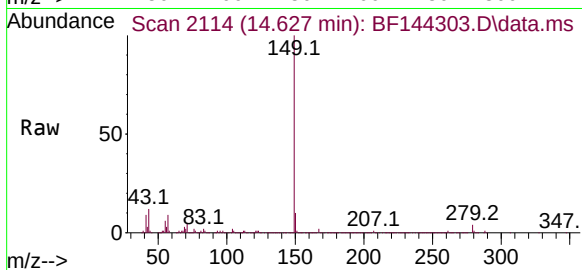
Tgt Ion:149 Resp: 409575

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

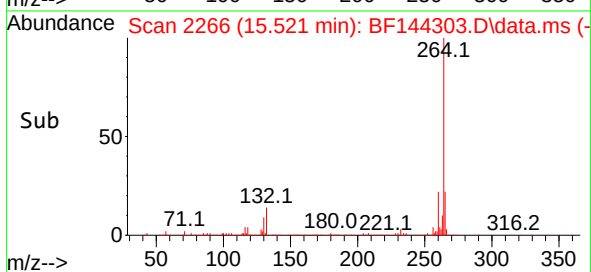
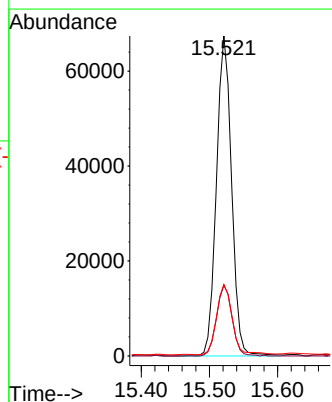
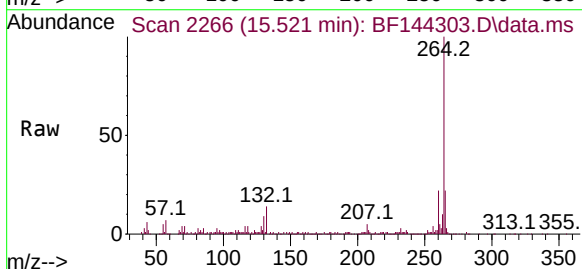
Tgt Ion:264 Resp: 103273

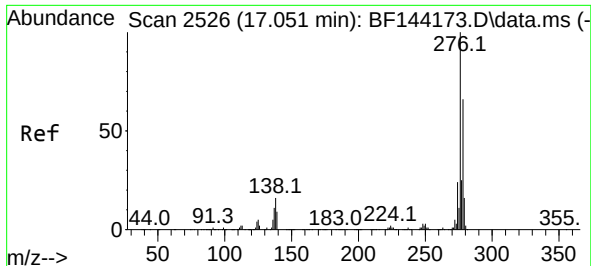
Ion Ratio Lower Upper

264 100

260 22.0 17.1 25.7

265 22.4 17.4 26.0

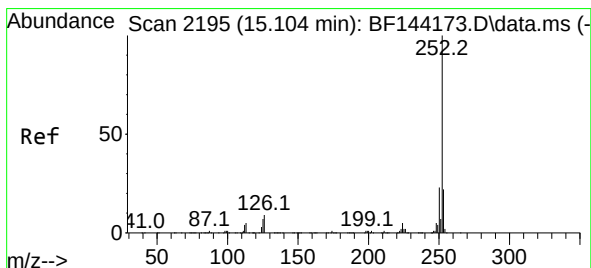
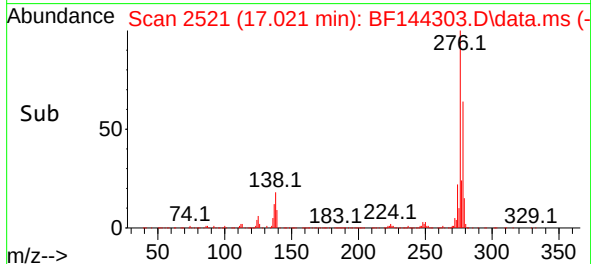
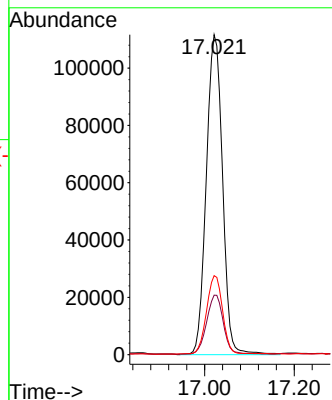
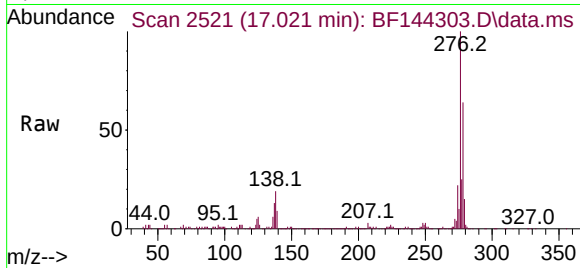




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.863 ng
 RT: 17.021 min Scan# 2193
 Delta R.T. -0.012 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

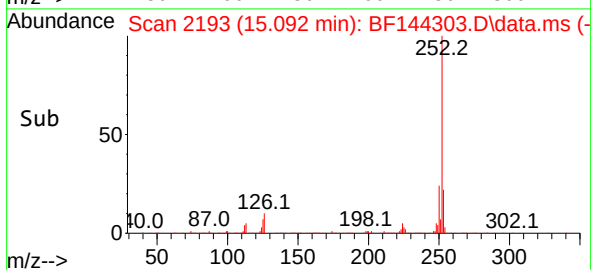
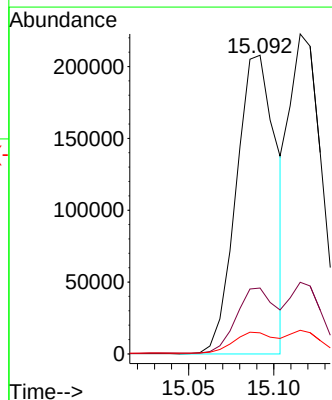
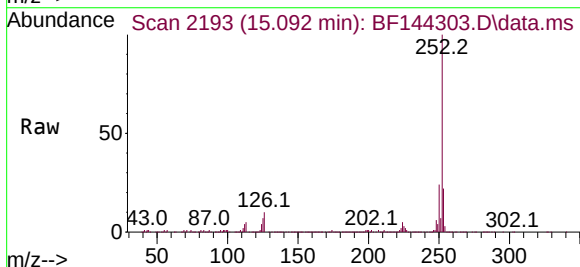
Instrument :
 BNA_F
 ClientSampleId :
 B3-0.0-1.0-20251117MS

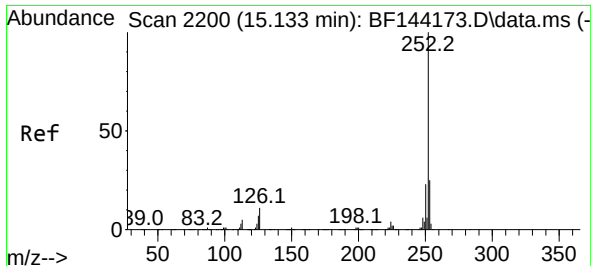
Tgt Ion:276 Resp: 280692
 Ion Ratio Lower Upper
 276 100
 138 19.0 13.9 20.9
 277 24.0 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 57.716 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144303.D
 Acq: 20 Nov 2025 19:26

Tgt Ion:252 Resp: 338864
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 7.0 5.3 7.9

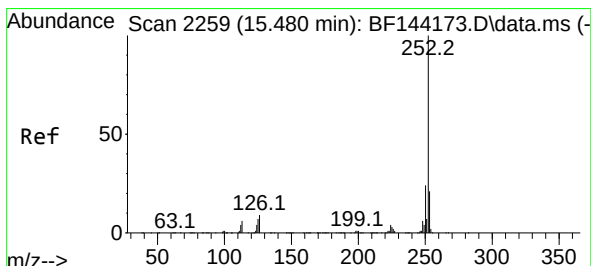
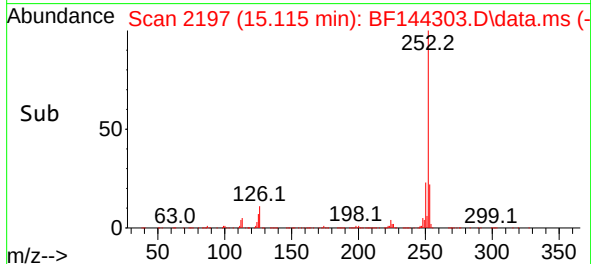
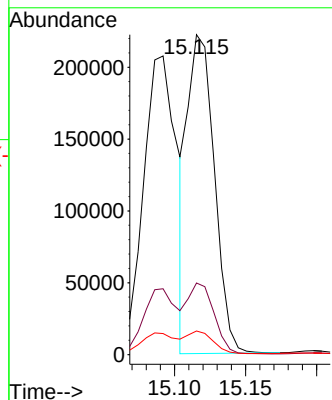
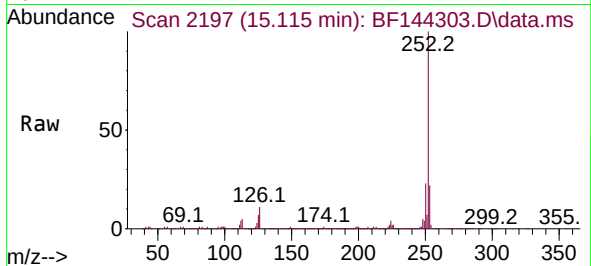




#89
Benzo(k)fluoranthene
Concen: 53.229 ng
RT: 15.115 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

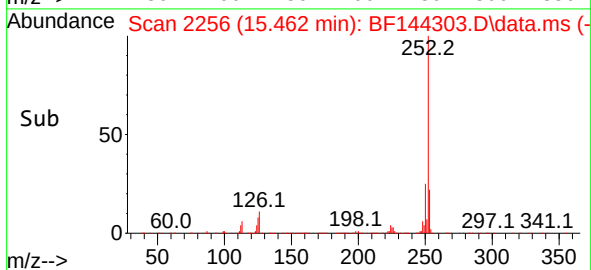
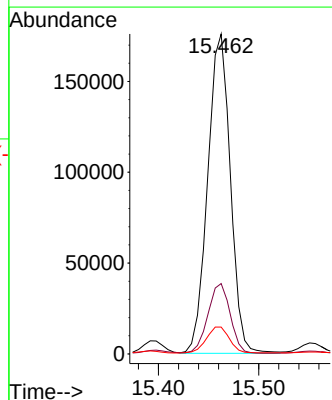
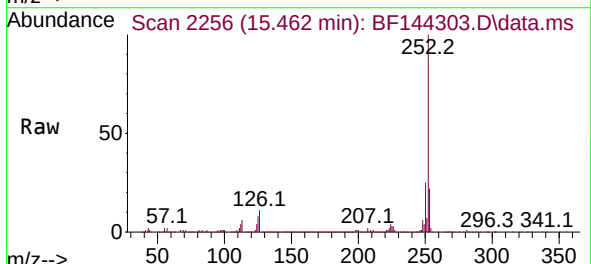
Instrument :
BNA_F
ClientSampleId :
B3-0.0-1.0-20251117MS

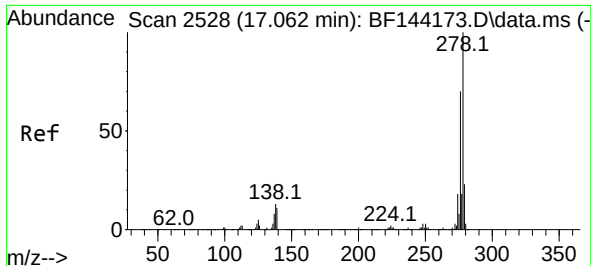
Tgt Ion:252 Resp: 292518
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 7.4 5.4 8.2



#90
Benzo(a)pyrene
Concen: 51.037 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144303.D
Acq: 20 Nov 2025 19:26

Tgt Ion:252 Resp: 276440
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 8.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 37.521 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Instrument :

BNA_F

ClientSampleId :

B3-0.0-1.0-20251117MS

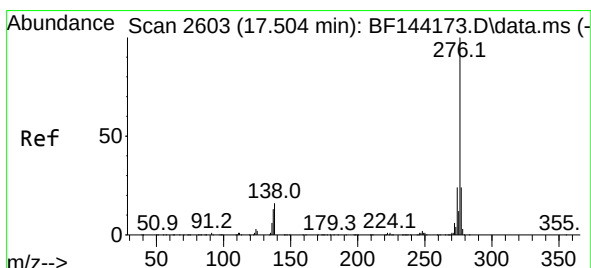
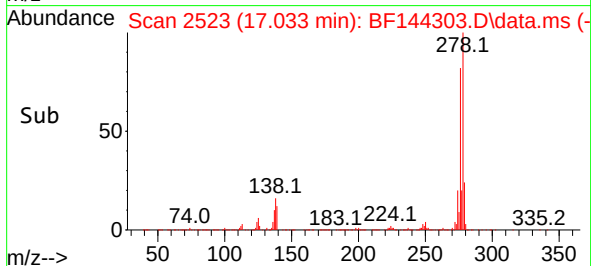
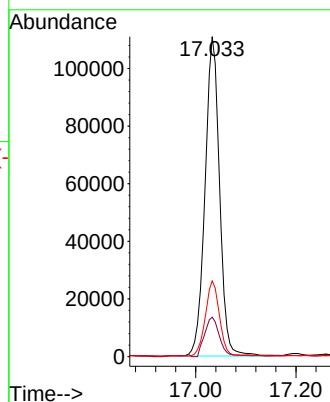
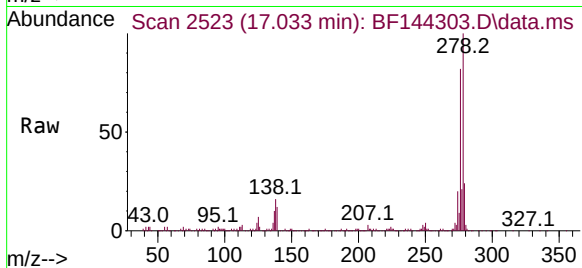
Tgt Ion:278 Resp: 223389

Ion Ratio Lower Upper

278 100

139 12.3 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 37.102 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.018 min

Lab File: BF144303.D

Acq: 20 Nov 2025 19:26

Tgt Ion:276 Resp: 218137

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 17.3 12.9 19.3

