

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143750.D
 Acq On : 15 Sep 2025 13:49
 Operator : RC/JU
 Sample : PB169679BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169679BS

Quant Time: Sep 15 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	22918	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	90445	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	51473	20.000	ng	0.01
64) Phenanthrene-d10	11.428	188	83222	20.000	ng	0.02
76) Chrysene-d12	14.069	240	47336	20.000	ng	0.02
86) Perylene-d12	15.551	264	41156	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	186537	138.868	ng	0.02
7) Phenol-d6	6.522	99	223855	136.867	ng	0.02
23) Nitrobenzene-d5	7.457	82	127501	87.685	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	72608	139.972	ng	0.02
45) 2-Fluorobiphenyl	9.257	172	294641	86.470	ng	0.01
79) Terphenyl-d14	13.016	244	300955	103.030	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	24868	41.503	ng	92
3) Pyridine	3.540	79	64937	41.954	ng	93
4) n-Nitrosodimethylamine	3.493	42	28665	48.753	ng	96
6) Aniline	6.557	93	83295	38.451	ng	96
8) 2-Chlorophenol	6.681	128	69951	48.217	ng	94
9) Benzaldehyde	6.446	77	42550	32.244	ng	99
10) Phenol	6.534	94	91998	50.885	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	63674	47.156	ng	96
12) 1,3-Dichlorobenzene	6.834	146	78145	47.098	ng	99
13) 1,4-Dichlorobenzene	6.910	146	79517	47.481	ng	99
14) 1,2-Dichlorobenzene	7.063	146	76365	48.287	ng	98
15) Benzyl Alcohol	7.034	79	57772	48.559	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	72210	40.876	ng	92
17) 2-Methylphenol	7.140	107	59034	50.584	ng	98
18) Hexachloroethane	7.410	117	25284	46.737	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	48272	48.056	ng	96
20) 3+4-Methylphenols	7.298	107	75920	49.401	ng	# 81
22) Acetophenone	7.304	105	108385	53.059	ng	99
24) Nitrobenzene	7.475	77	67855	45.005	ng	97
25) Isophorone	7.716	82	128916	46.235	ng	100
26) 2-Nitrophenol	7.792	139	35879	48.400	ng	97
27) 2,4-Dimethylphenol	7.828	122	66110	49.677	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	80162	46.782	ng	99
29) 2,4-Dichlorophenol	8.034	162	61692	46.084	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	67195	48.450	ng	98
31) Naphthalene	8.198	128	206047	46.020	ng	99
32) Benzoic acid	7.922	122	24003	29.564	ng	100
33) 4-Chloroaniline	8.245	127	37785	24.242	ng	99
34) Hexachlorobutadiene	8.316	225	40098	44.327	ng	98
35) Caprolactam	8.616	113	18280m	51.306	ng	
36) 4-Chloro-3-methylphenol	8.728	107	61158	46.333	ng	95
37) 2-Methylnaphthalene	8.892	142	128363	41.882	ng	100
38) 1-Methylnaphthalene	8.992	142	128754	43.774	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	74356	50.459	ng	98
41) Hexachlorocyclopentadiene	9.045	237	95515	126.253	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	47154	47.922	ng	99

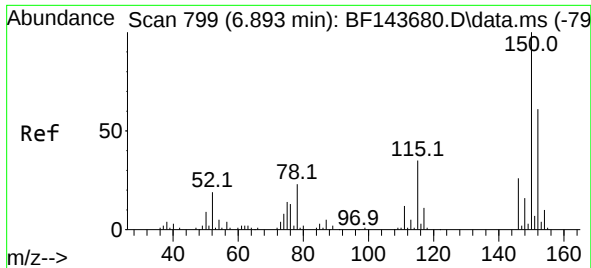
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
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 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	46160	46.145	ng	99
46) 1,1'-Biphenyl	9.357	154	193749	52.285	ng	99
47) 2-Chloronaphthalene	9.381	162	133143	45.831	ng	98
48) 2-Nitroaniline	9.475	65	36072	46.920	ng	99
49) Acenaphthylene	9.798	152	219778	52.814	ng	100
50) Dimethylphthalate	9.663	163	157618	47.064	ng	99
51) 2,6-Dinitrotoluene	9.722	165	33076	51.656	ng	91
52) Acenaphthene	9.975	154	135266	47.171	ng	100
53) 3-Nitroaniline	9.886	138	21936	31.834	ng	98
54) 2,4-Dinitrophenol	9.992	184	28611	82.843	ng	# 43
55) Dibenzofuran	10.145	168	193271	46.872	ng	96
56) 4-Nitrophenol	10.045	139	56347	102.782	ng	94
57) 2,4-Dinitrotoluene	10.122	165	45443	52.145	ng	99
58) Fluorene	10.486	166	154609	47.900	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	40533	49.972	ng	99
60) Diethylphthalate	10.363	149	147358	46.868	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	75434	46.082	ng	98
62) 4-Nitroaniline	10.504	138	34087	52.229	ng	97
63) Azobenzene	10.639	77	128868	46.362	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	21661	51.122	ng	93
66) n-Nitrosodiphenylamine	10.598	169	131563	48.256	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	46874	46.707	ng	97
68) Hexachlorobenzene	11.033	284	49750	46.948	ng	98
69) Atrazine	11.128	200	42368	49.563	ng	99
70) Pentachlorophenol	11.228	266	57490	89.747	ng	98
71) Phenanthrene	11.451	178	217248	47.378	ng	99
72) Anthracene	11.504	178	223035	48.374	ng	99
73) Carbazole	11.657	167	188173	49.834	ng	99
74) Di-n-butylphthalate	11.986	149	226299	49.780	ng	99
75) Fluoranthene	12.639	202	207188	49.220	ng	98
77) Benzidine	12.763	184	72984	47.281	ng	99
78) Pyrene	12.874	202	204099	53.927	ng	99
80) Butylbenzylphthalate	13.486	149	67866	57.231	ng	98
81) Benzo(a)anthracene	14.063	228	155504	51.063	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	22668	24.195	ng	99
83) Chrysene	14.098	228	131126	47.013	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	86498	51.123	ng	99
85) Di-n-octyl phthalate	14.663	149	120819	39.848	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	137552	48.971	ng	98
88) Benzo(b)fluoranthene	15.116	252	124297	50.735	ng	98
89) Benzo(k)fluoranthene	15.145	252	108452	49.049	ng	99
90) Benzo(a)pyrene	15.492	252	109644	50.942	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	114457	49.115	ng	99
92) Benzo(g,h,i)perylene	17.515	276	110123	50.521	ng	98

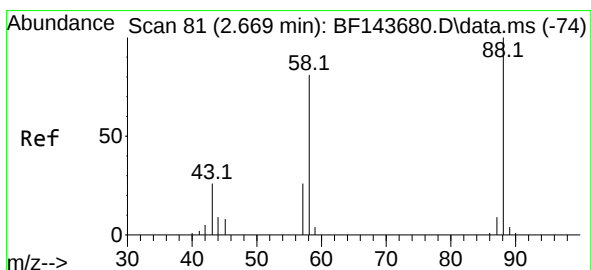
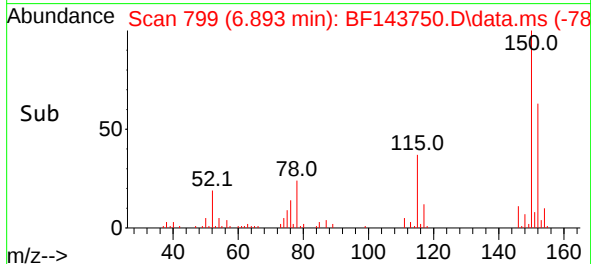
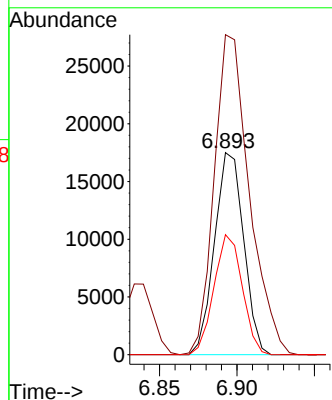
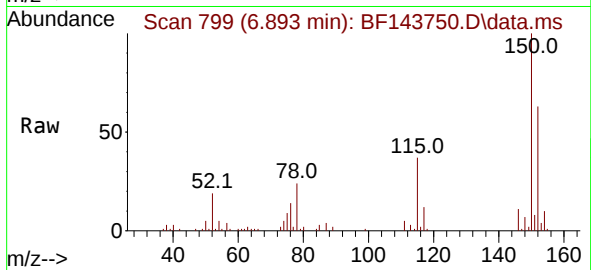
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

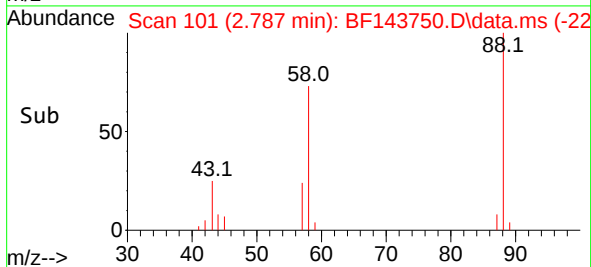
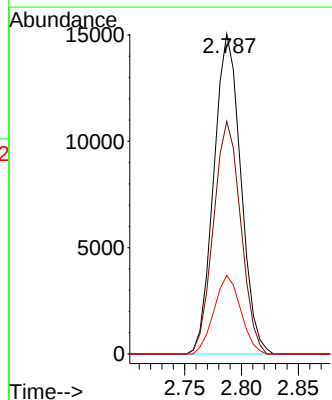
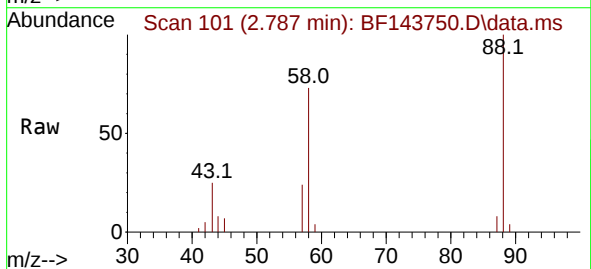
Instrument :
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 ClientSampleId :
 PB169679BS

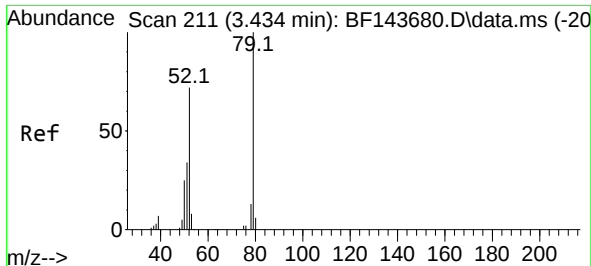
Tgt Ion:152 Resp: 22918
 Ion Ratio Lower Upper
 152 100
 150 158.3 130.7 196.1
 115 59.3 45.9 68.9



#2
 1,4-Dioxane
 Concen: 41.503 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.118 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

Tgt Ion: 88 Resp: 24868
 Ion Ratio Lower Upper
 88 100
 58 73.5 65.8 98.6
 43 24.2 20.6 31.0

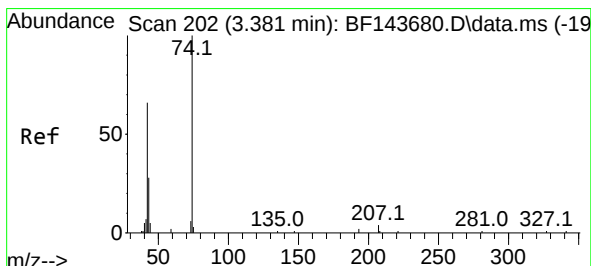
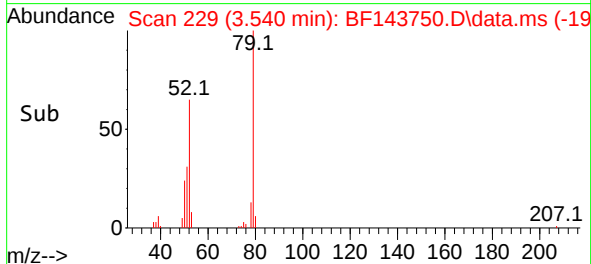
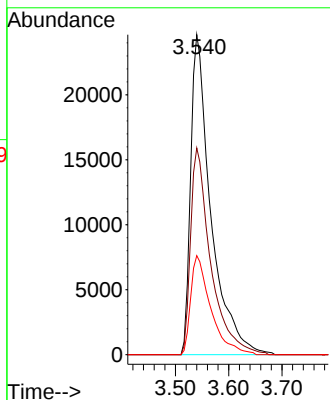
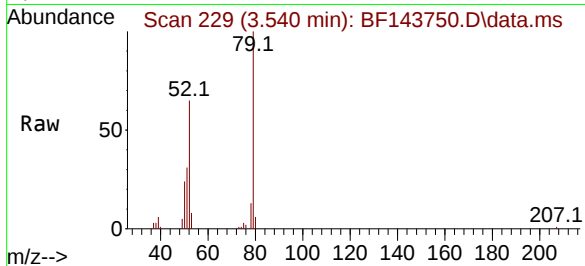




#3
Pyridine
Concen: 41.954 ng
RT: 3.540 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

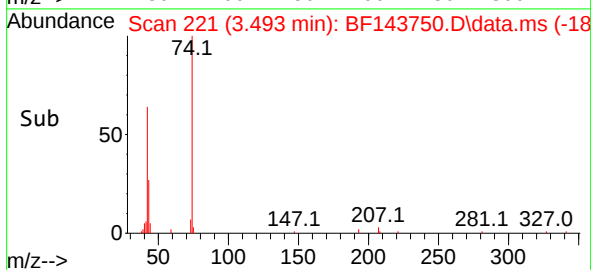
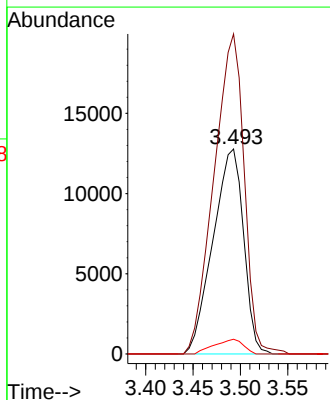
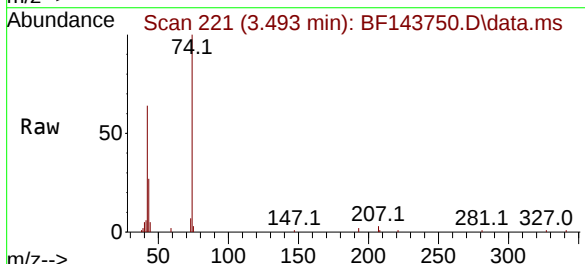
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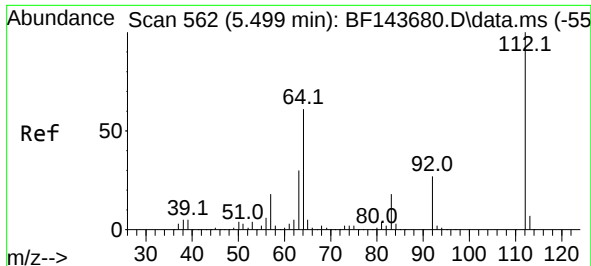
Tgt Ion: 79 Resp: 64937
Ion Ratio Lower Upper
79 100
52 64.6 57.2 85.8
51 31.0 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 48.753 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.112 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion: 42 Resp: 28665
Ion Ratio Lower Upper
42 100
74 156.1 120.9 181.3
44 7.1 6.5 9.7

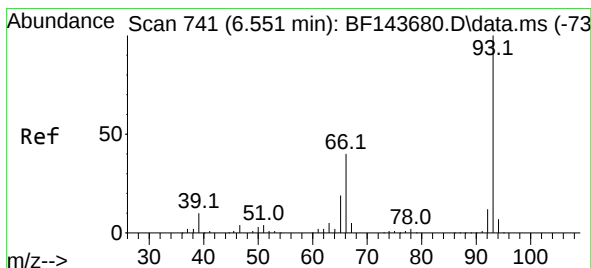
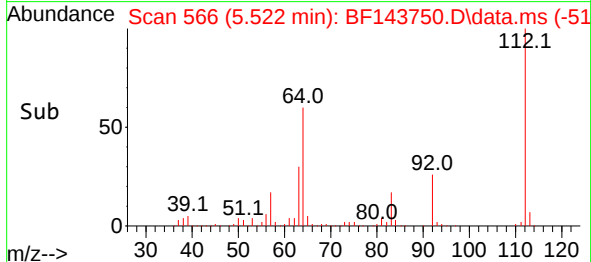
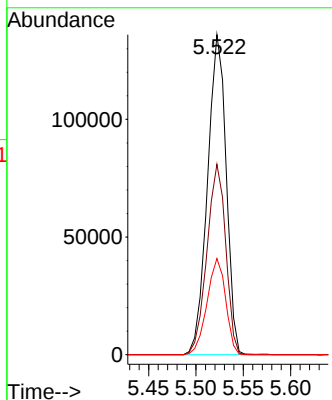
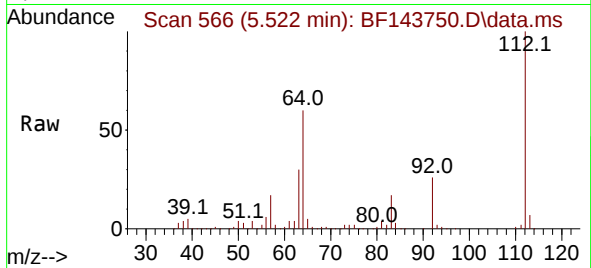




#5
2-Fluorophenol
Concen: 138.868 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

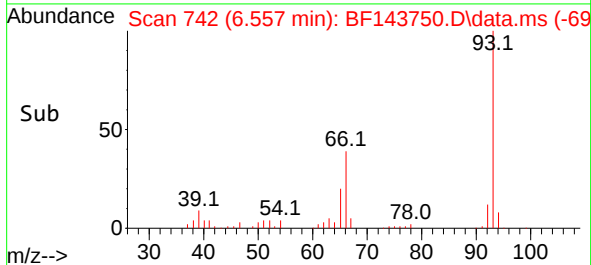
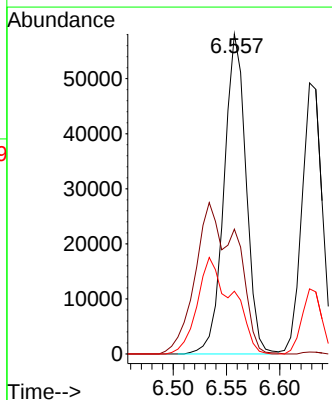
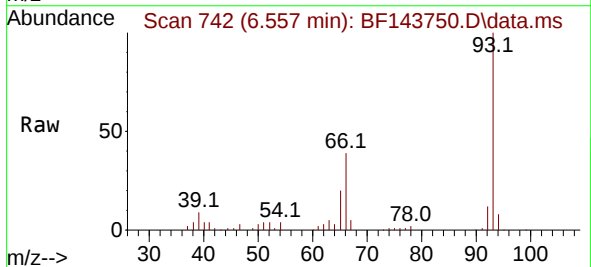
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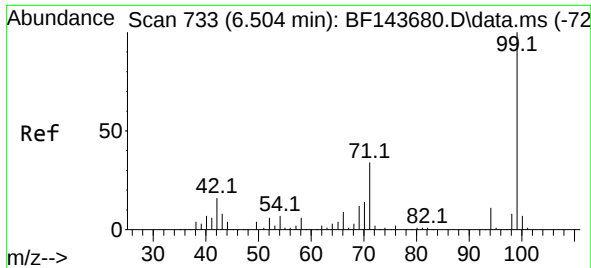
Tgt Ion:112 Resp: 186537
Ion Ratio Lower Upper
112 100
64 59.5 49.0 73.4
63 30.1 24.3 36.5



#6
Aniline
Concen: 38.451 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion: 93 Resp: 83295
Ion Ratio Lower Upper
93 100
66 39.0 34.1 51.1
65 19.6 16.1 24.1

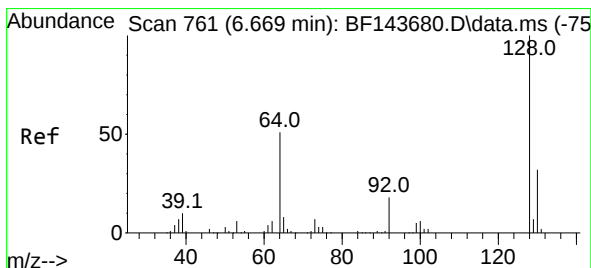
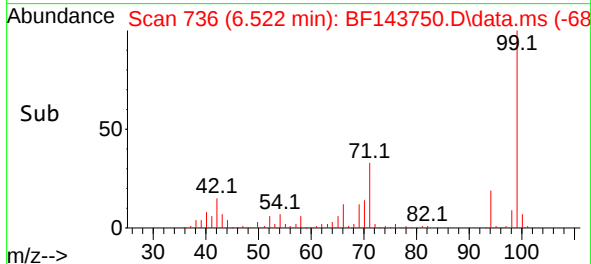
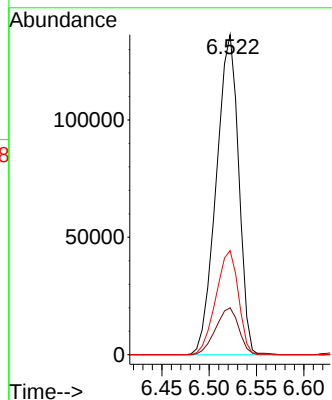
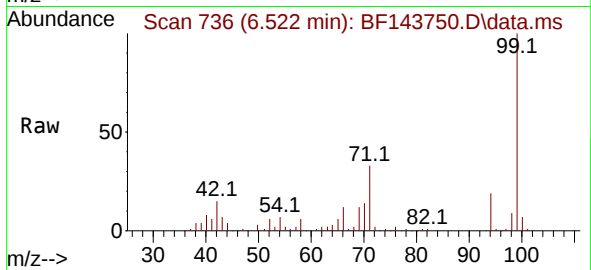




#7
Phenol-d6
Concen: 136.867 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

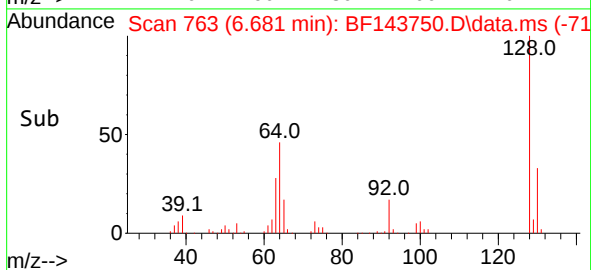
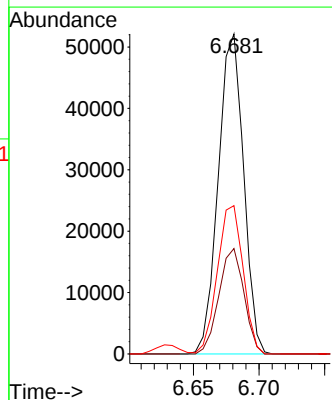
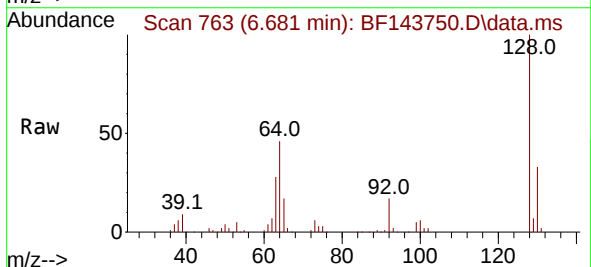
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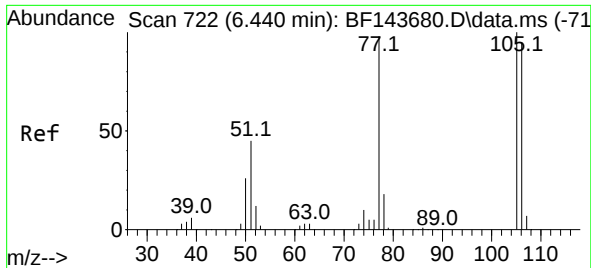
Tgt Ion: 99 Resp: 223855
Ion Ratio Lower Upper
99 100
42 14.6 13.0 19.4
71 32.5 27.4 41.2



#8
2-Chlorophenol
Concen: 48.217 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:128 Resp: 69951
Ion Ratio Lower Upper
128 100
130 32.9 12.0 52.0
64 46.3 31.9 71.9





#9

Benzaldehyde

Concen: 32.244 ng

RT: 6.446 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

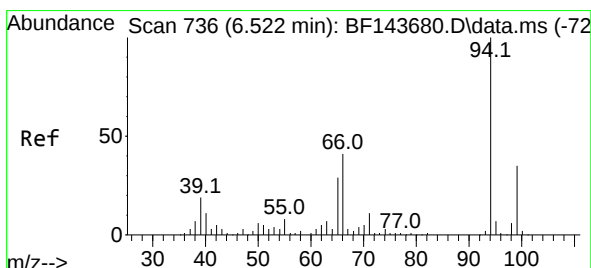
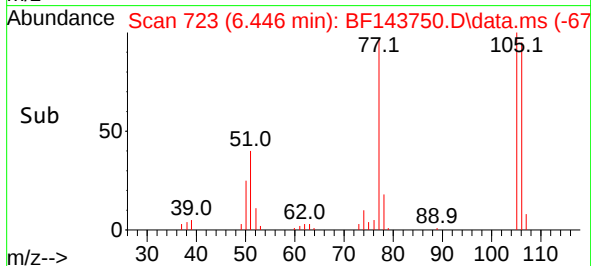
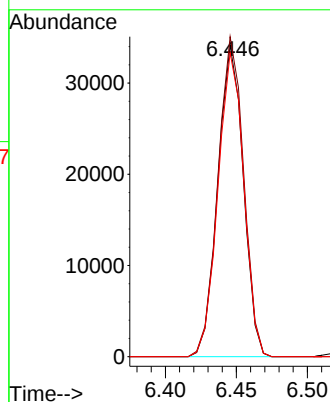
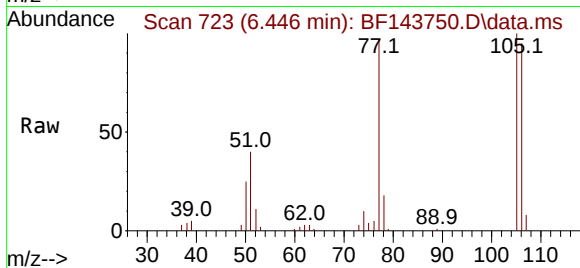
Tgt Ion: 77 Resp: 42550

Ion Ratio Lower Upper

77 100

105 102.7 81.7 121.7

106 97.5 76.9 116.9



#10

Phenol

Concen: 50.885 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

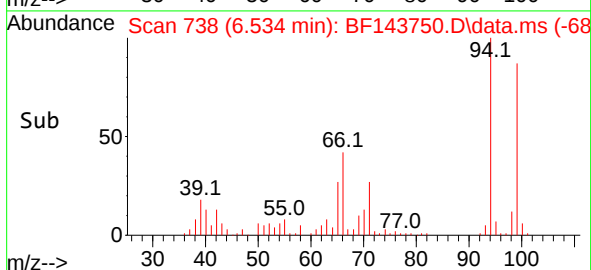
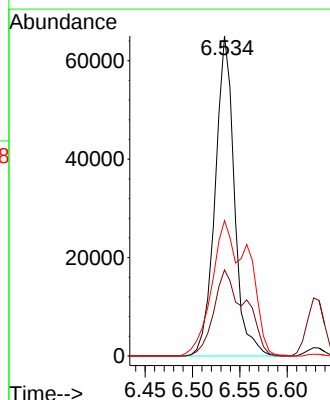
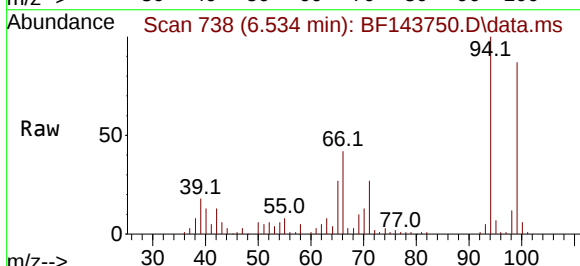
Tgt Ion: 94 Resp: 91998

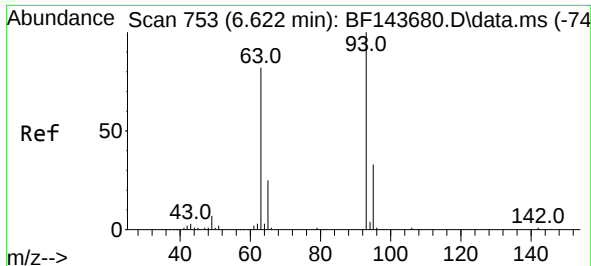
Ion Ratio Lower Upper

94 100

65 26.9 9.1 49.1

66 42.3 20.8 60.8

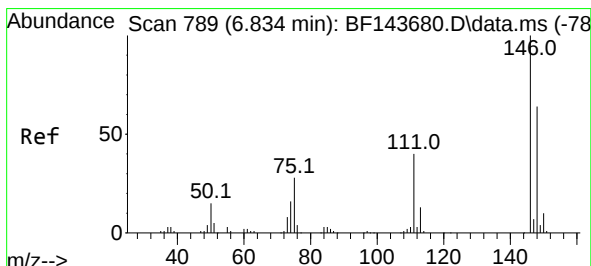
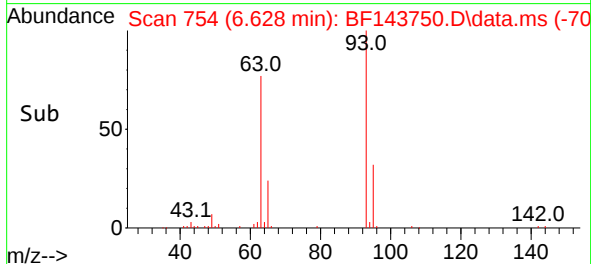
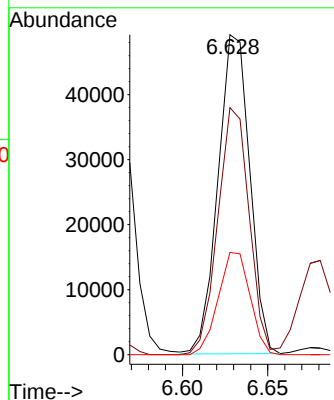
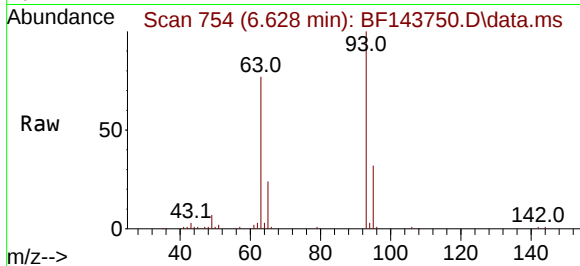




#11
bis(2-Chloroethyl)ether
Concen: 47.156 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

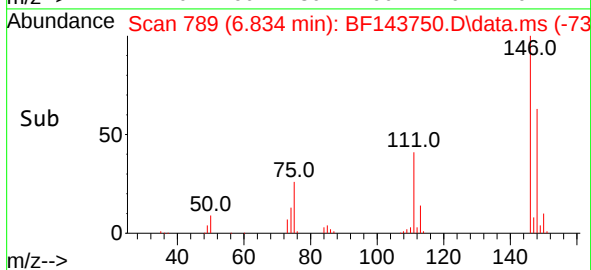
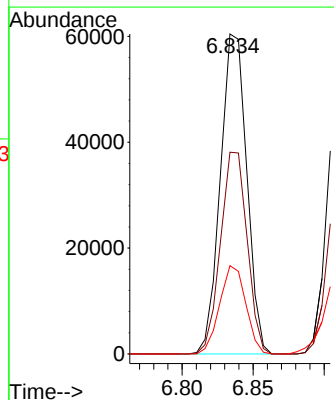
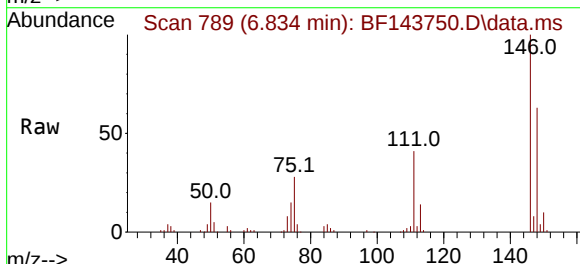
Instrument :
BNA_F
ClientSampleId :
PB169679BS

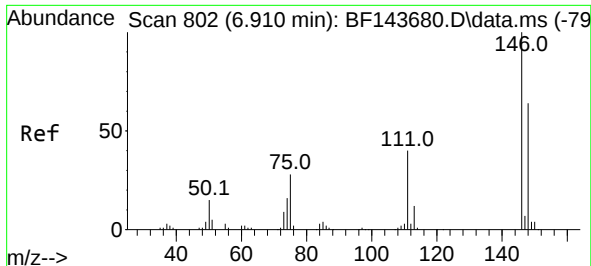
Tgt Ion: 93 Resp: 63674
Ion Ratio Lower Upper
93 100
63 77.2 61.8 101.8
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.098 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:146 Resp: 78145
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
75 27.6 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 47.481 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

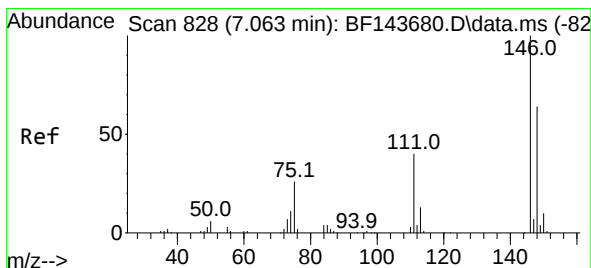
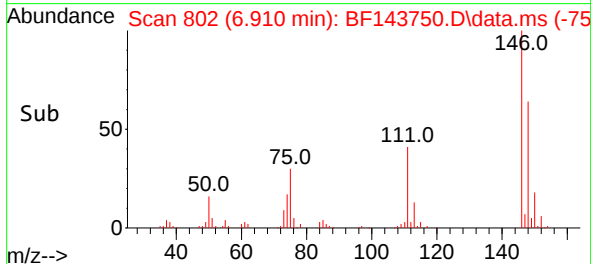
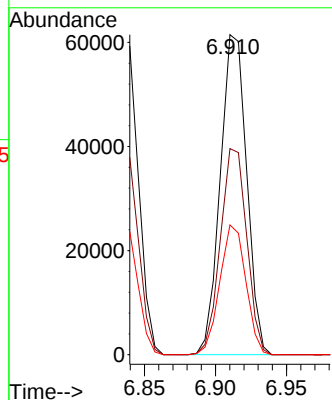
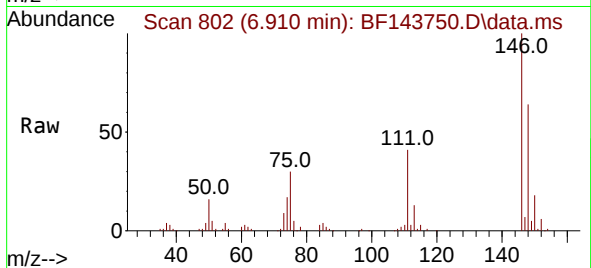
Tgt Ion:146 Resp: 79517

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 40.5 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 48.287 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

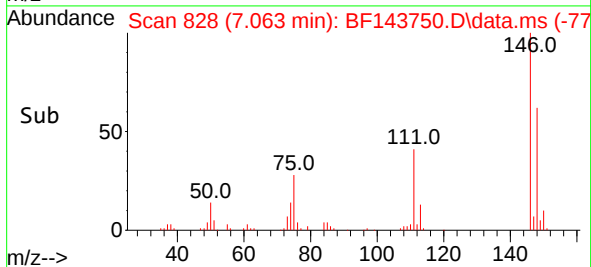
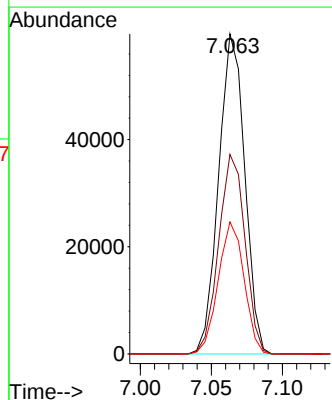
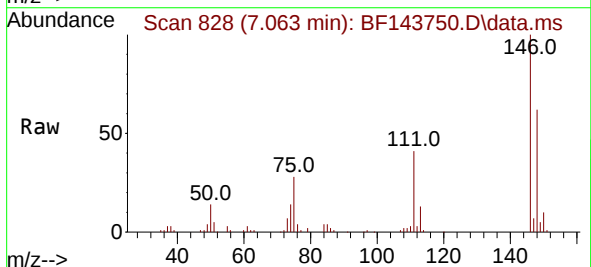
Tgt Ion:146 Resp: 76365

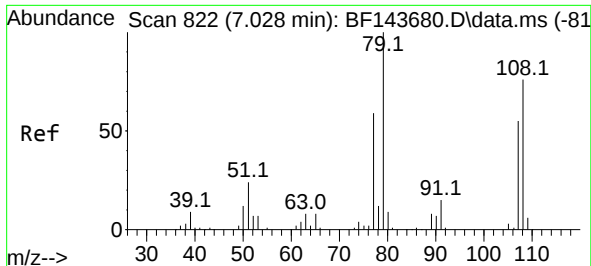
Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.4

111 41.3 32.3 48.5

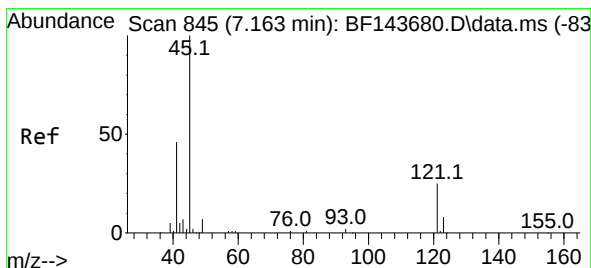
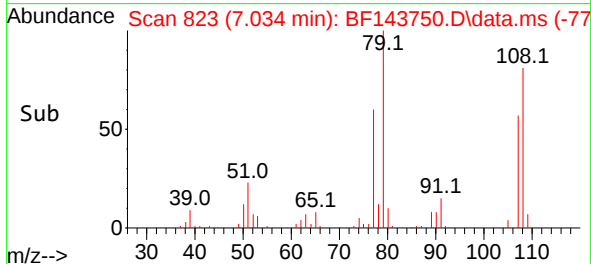
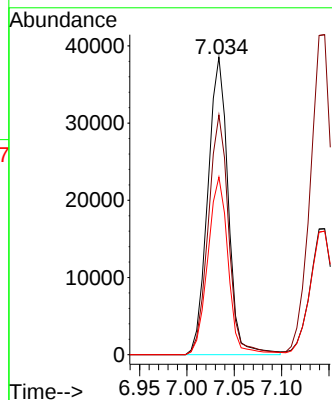
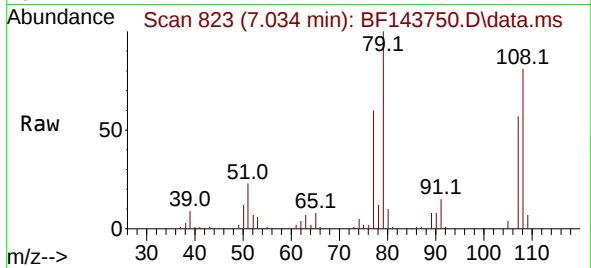




#15
Benzyl Alcohol
Concen: 48.559 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

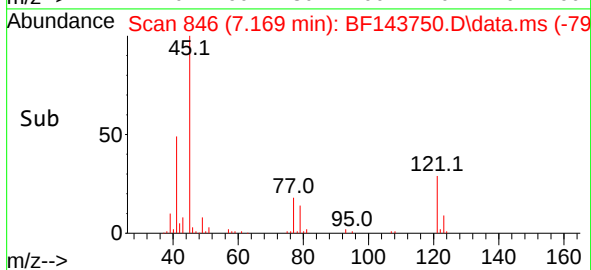
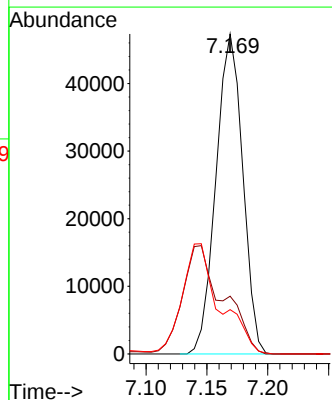
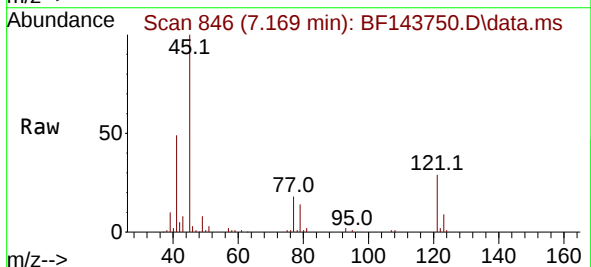
Instrument :
BNA_F
ClientSampleId :
PB169679BS

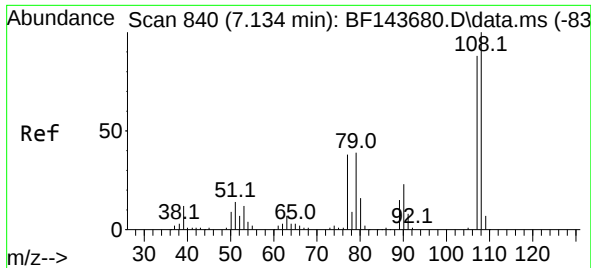
Tgt Ion: 79 Resp: 57772
Ion Ratio Lower Upper
79 100
108 80.6 60.9 91.3
77 59.7 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.876 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion: 45 Resp: 72210
Ion Ratio Lower Upper
45 100
77 18.0 0.0 34.6
79 13.8 0.0 31.3

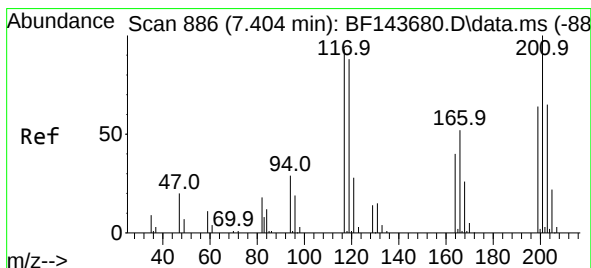
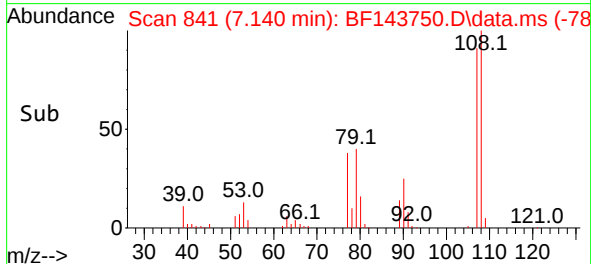
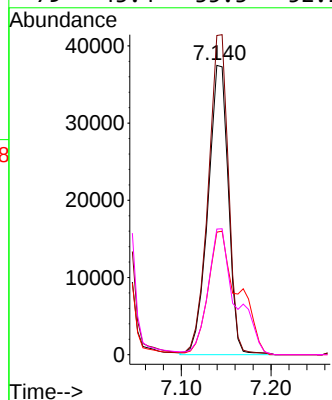
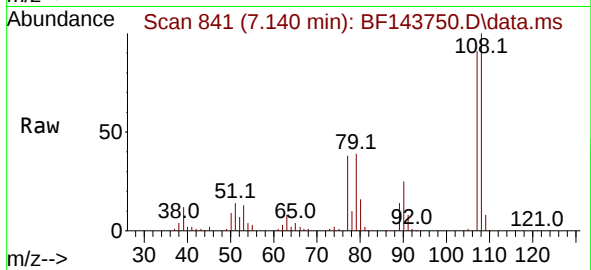




#17
2-Methylphenol
Concen: 50.584 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

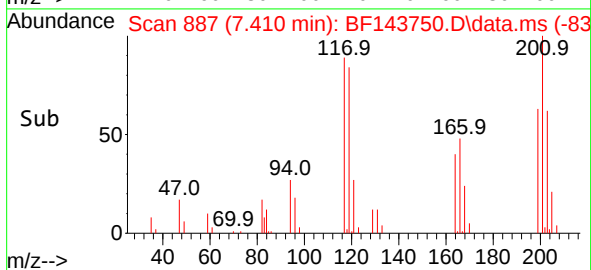
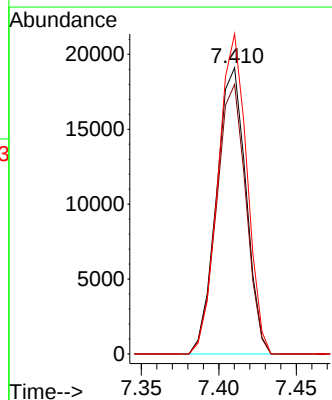
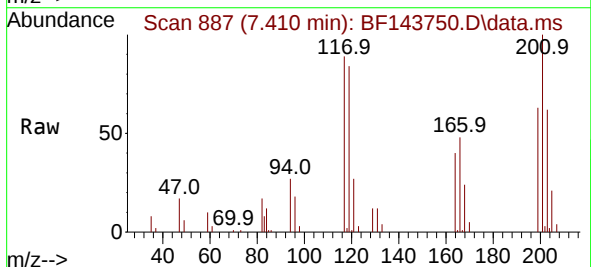
Instrument :
BNA_F
ClientSampleId :
PB169679BS

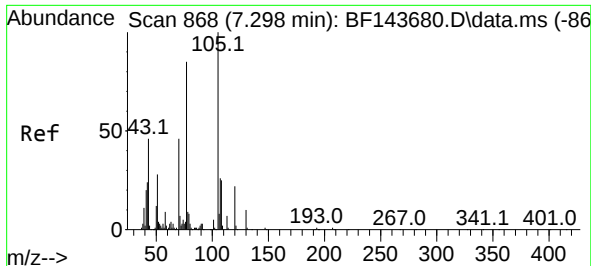
Tgt Ion:	107	Resp:	59034
Ion	Ratio	Lower	Upper
107	100		
108	110.3	90.9	136.3
77	42.4	34.4	51.6
79	43.4	35.3	52.9



#18
Hexachloroethane
Concen: 46.737 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:	117	Resp:	25284
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.2	114.2
201	111.8	86.4	129.6

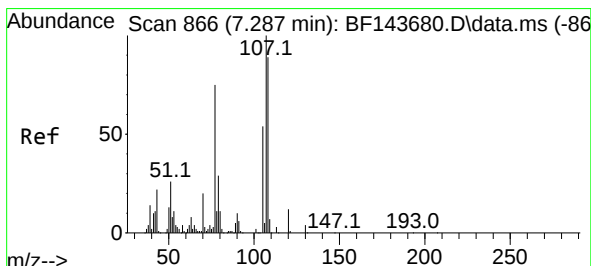
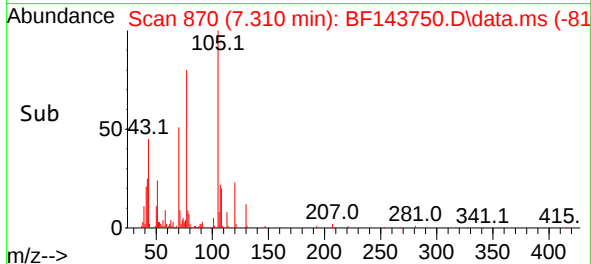
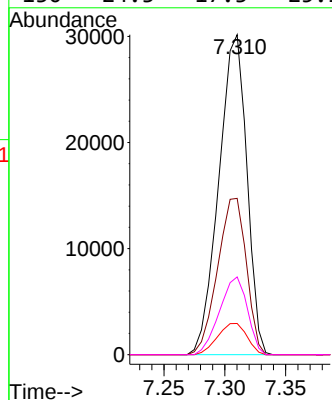
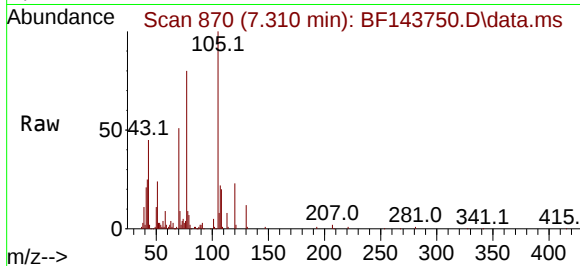




#19
n-Nitroso-di-n-propylamine
Concen: 48.056 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

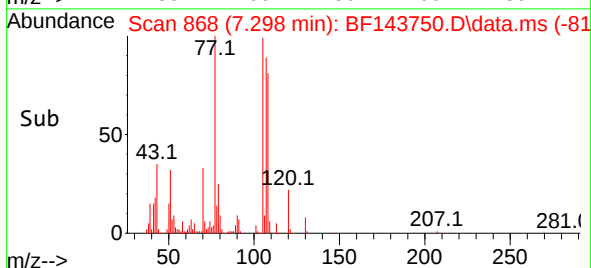
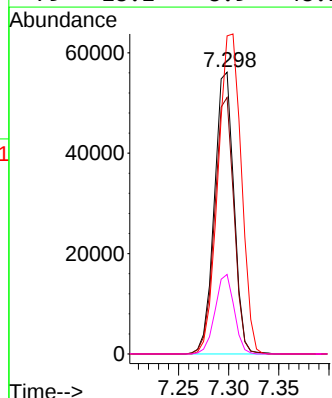
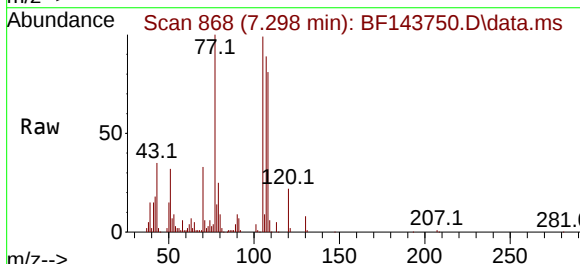
Instrument :
BNA_F
ClientSampleId :
PB169679BS

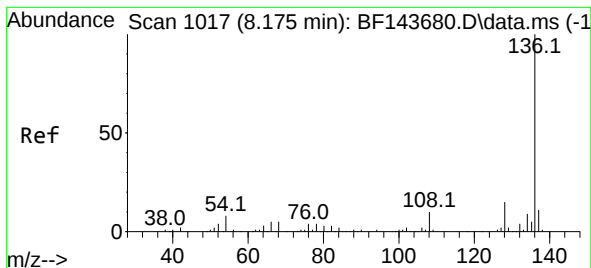
Tgt Ion:	70	Resp:	48272
Ion Ratio	Lower	Upper	
70	100		
42	48.9	41.4	62.2
101	9.8	8.1	12.1
130	24.3	17.3	25.9



#20
3+4-Methylphenols
Concen: 49.401 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:	107	Resp:	75920
Ion Ratio	Lower	Upper	
107	100		
108	91.0	68.6	108.6
77	112.9	54.6	94.6#
79	28.2	8.9	48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

Tgt Ion:136 Resp: 90445

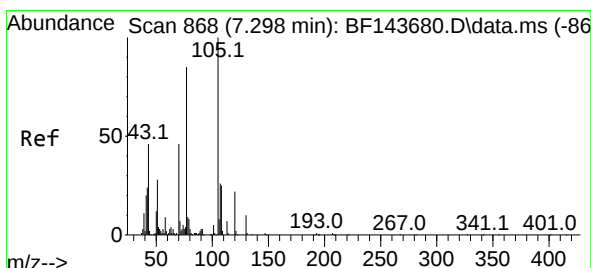
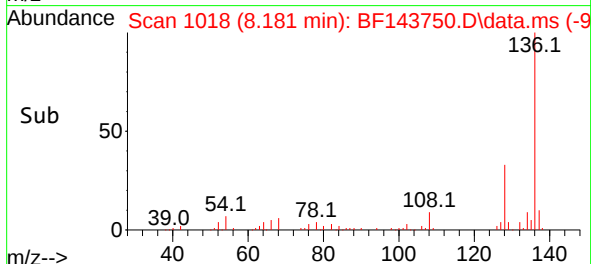
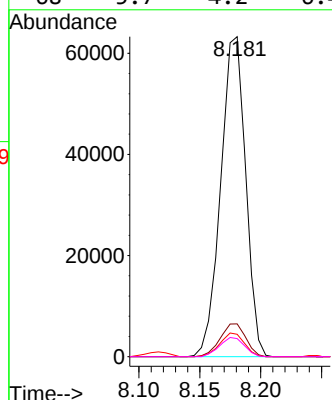
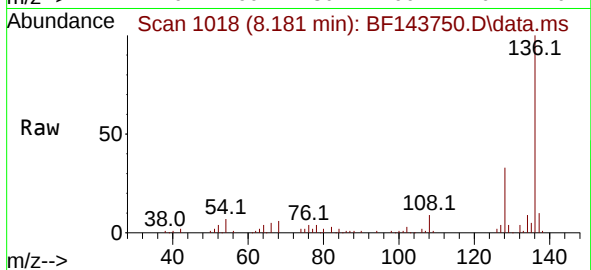
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.0 6.2 9.2

68 5.7 4.2 6.4



#22

Acetophenone

Concen: 53.059 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Tgt Ion:105 Resp: 108385

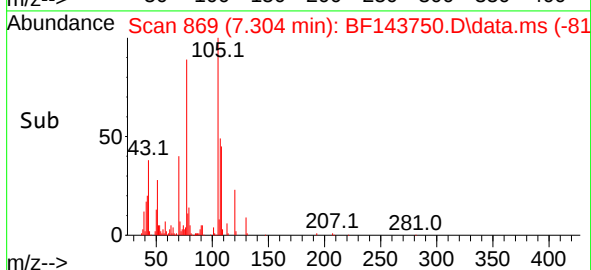
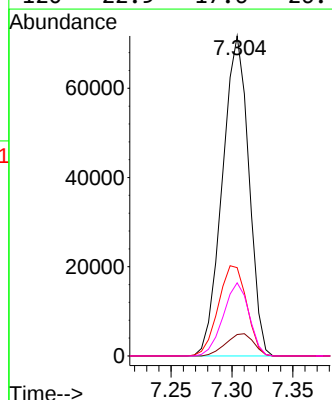
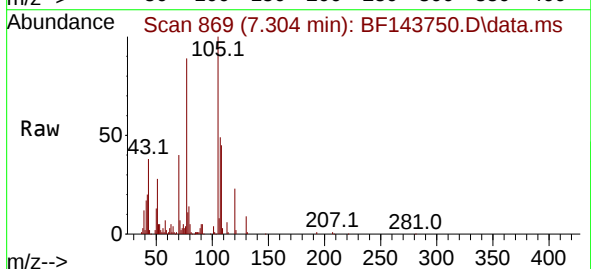
Ion Ratio Lower Upper

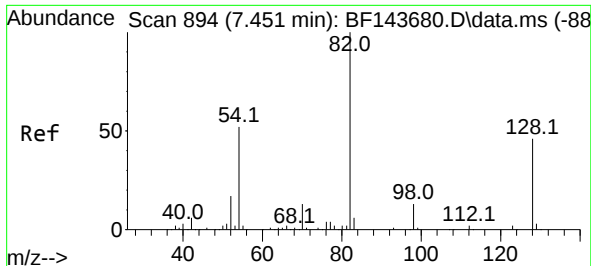
105 100

71 6.7 5.9 8.9

51 27.6 22.4 33.6

120 22.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 87.685 ng

RT: 7.457 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

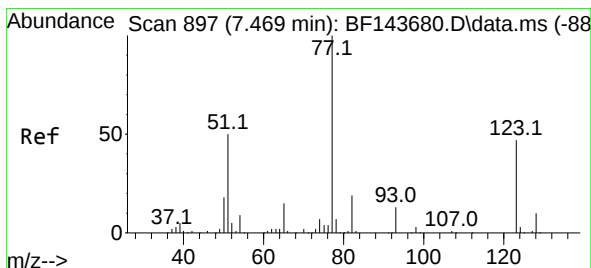
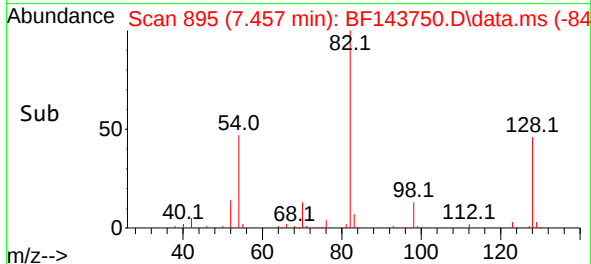
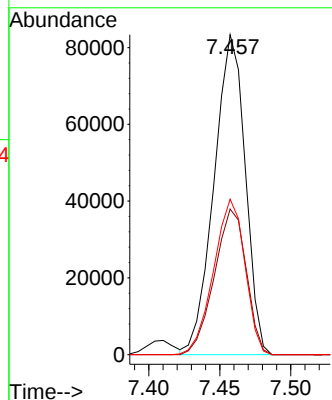
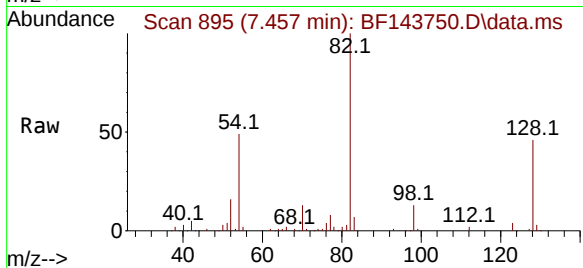
Tgt Ion: 82 Resp: 127501

Ion Ratio Lower Upper

82 100

128 45.5 37.0 55.4

54 48.6 41.8 62.8



#24

Nitrobenzene

Concen: 45.005 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

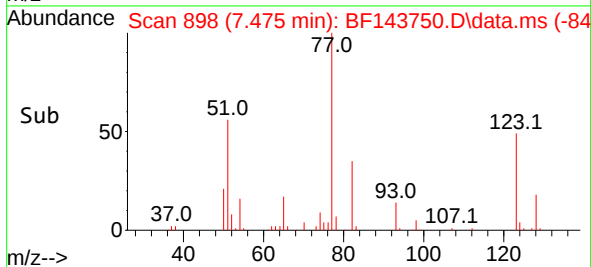
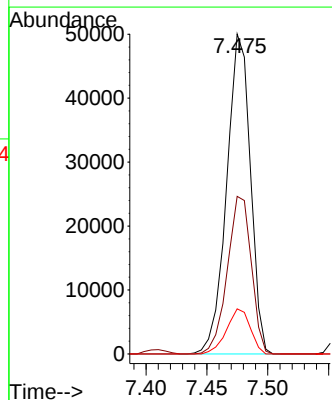
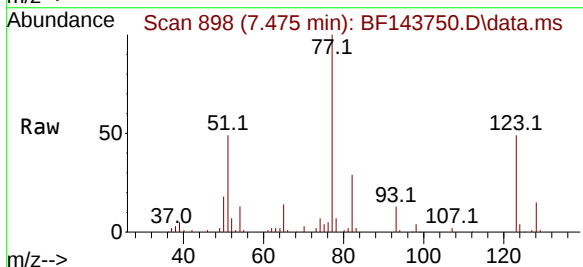
Tgt Ion: 77 Resp: 67855

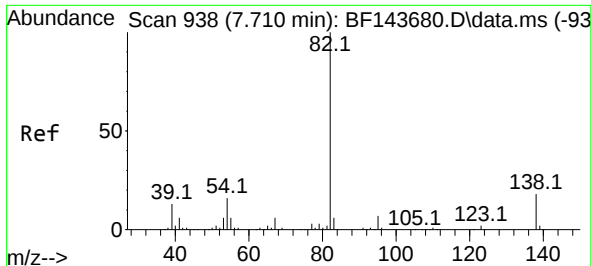
Ion Ratio Lower Upper

77 100

123 49.3 37.4 56.0

65 14.1 11.6 17.4

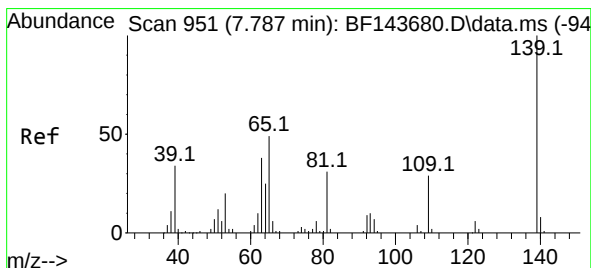
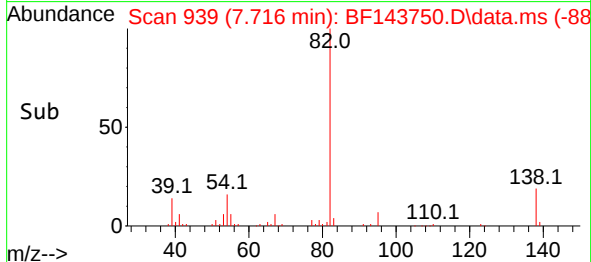
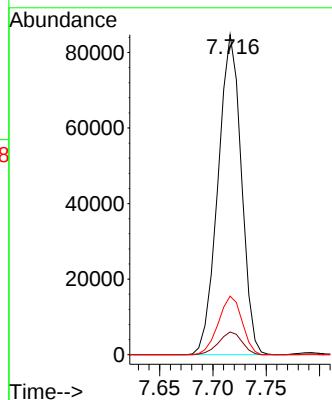
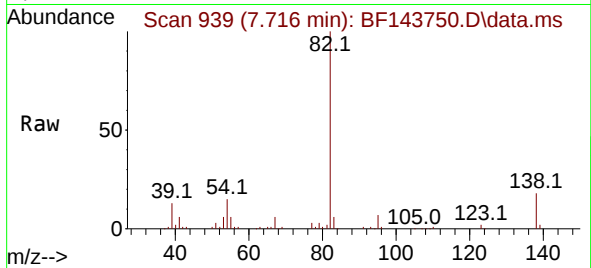




#25
Isophorone
Concen: 46.235 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

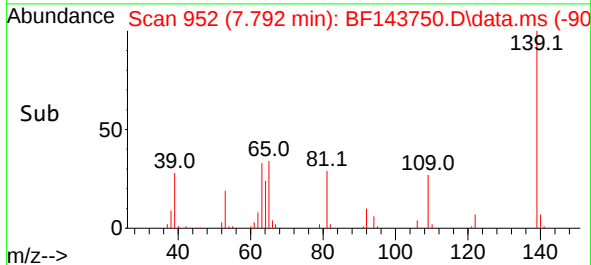
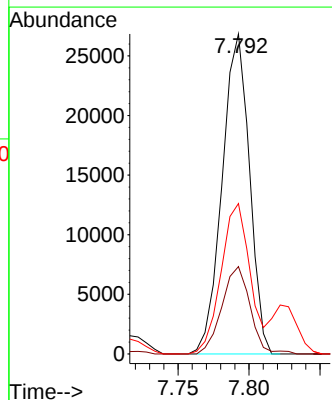
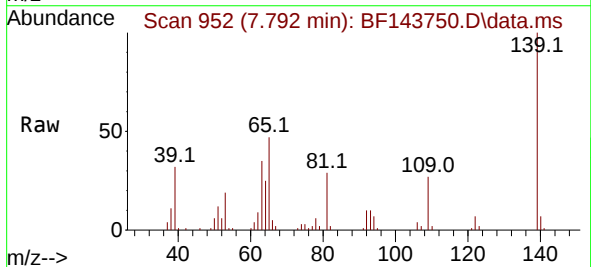
Instrument :
BNA_F
ClientSampleId :
PB169679BS

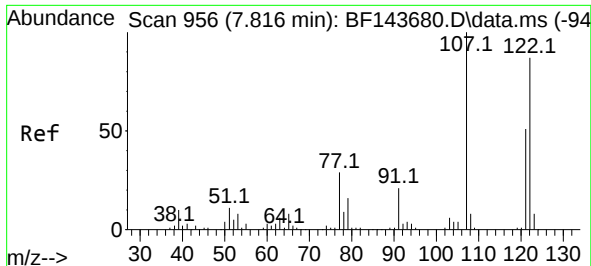
Tgt Ion: 82 Resp: 128916
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 48.400 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:139 Resp: 35879
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 47.0 39.2 58.8

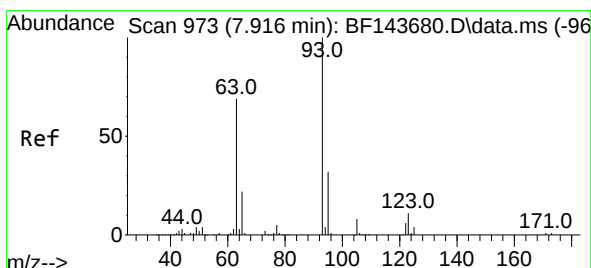
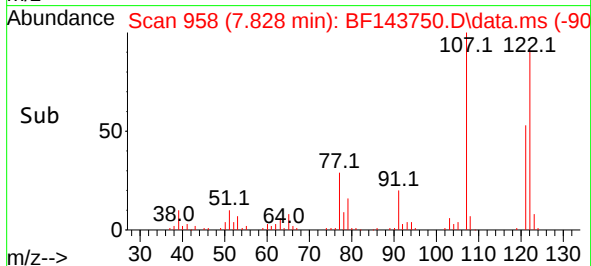
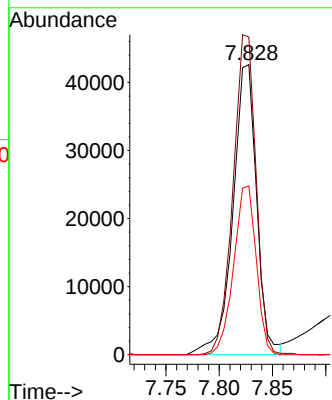
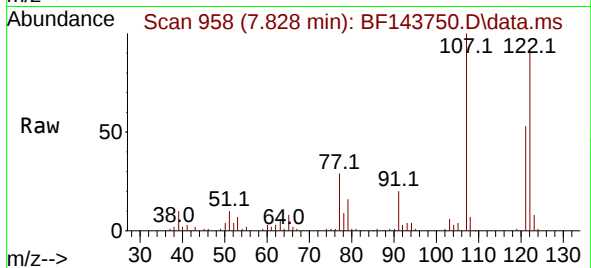




#27
2,4-Dimethylphenol
Concen: 49.677 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

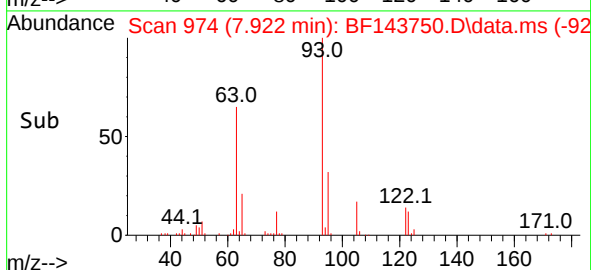
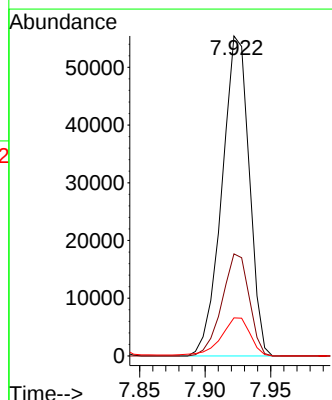
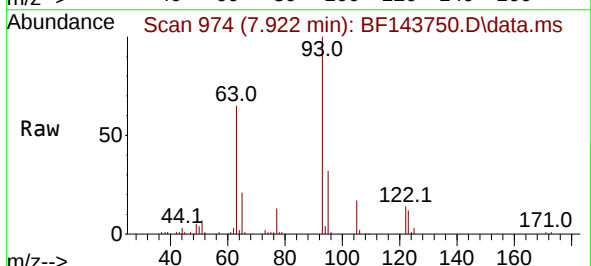
Instrument :
BNA_F
ClientSampleId :
PB169679BS

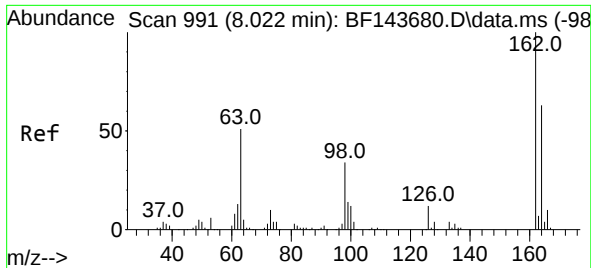
Tgt Ion:122 Resp: 66110
Ion Ratio Lower Upper
122 100
107 109.5 92.1 138.1
121 58.2 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 46.782 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion: 93 Resp: 80162
Ion Ratio Lower Upper
93 100
95 31.9 26.0 39.0
123 11.9 9.6 14.4

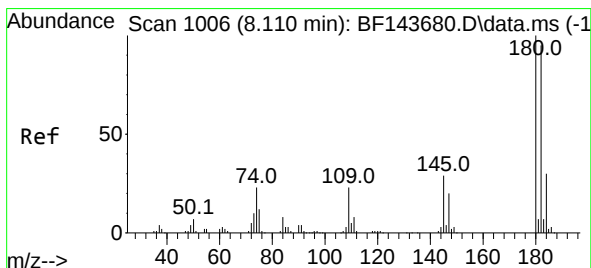
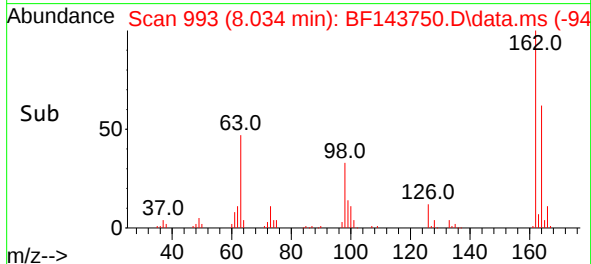
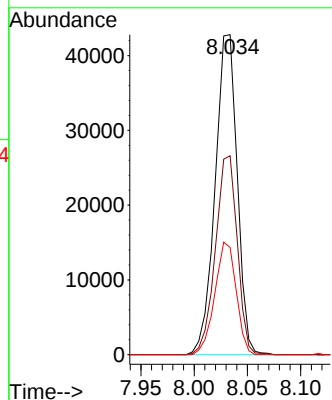
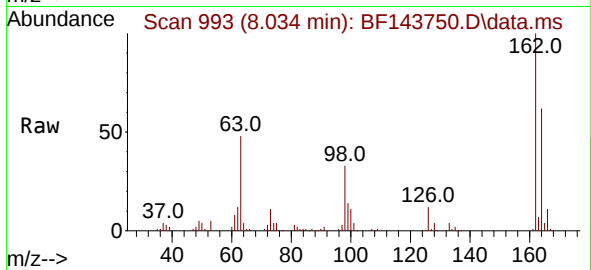




#29
2,4-Dichlorophenol
Concen: 46.084 ng
RT: 8.034 min Scan# 991
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

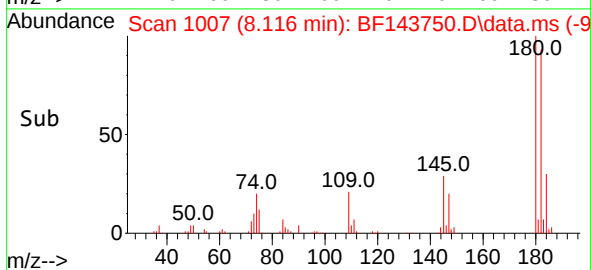
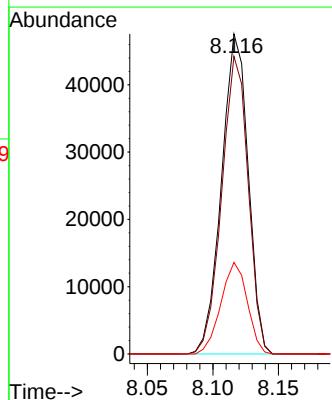
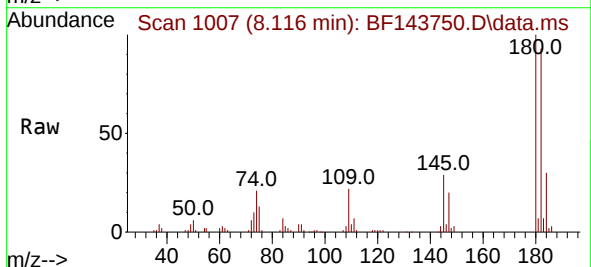
Instrument :
BNA_F
ClientSampleId :
PB169679BS

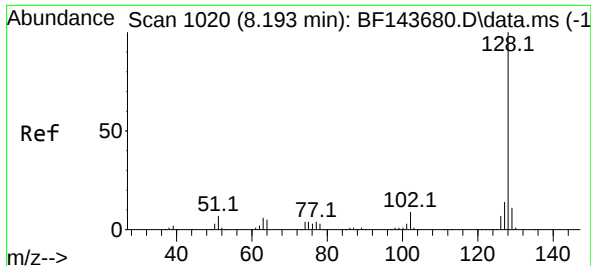
Tgt Ion:162 Resp: 61692
Ion Ratio Lower Upper
162 100
164 62.2 43.0 83.0
98 33.5 13.8 53.8



#30
1,2,4-Trichlorobenzene
Concen: 48.450 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:180 Resp: 67195
Ion Ratio Lower Upper
180 100
182 93.0 76.2 114.4
145 28.6 23.2 34.8

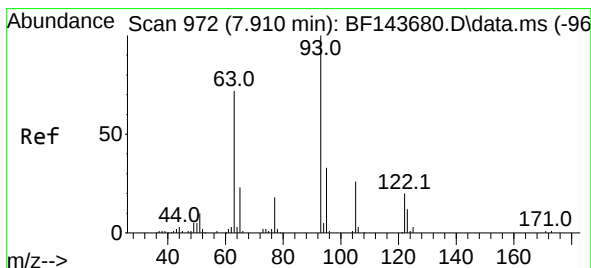
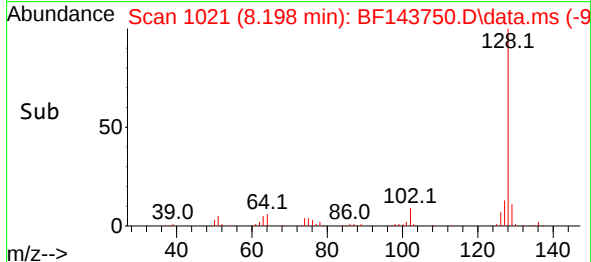
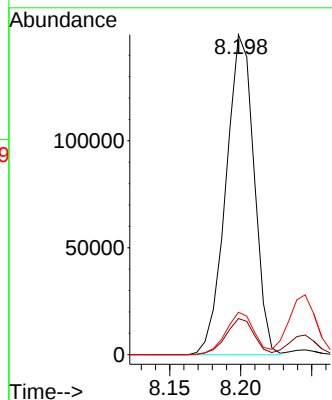
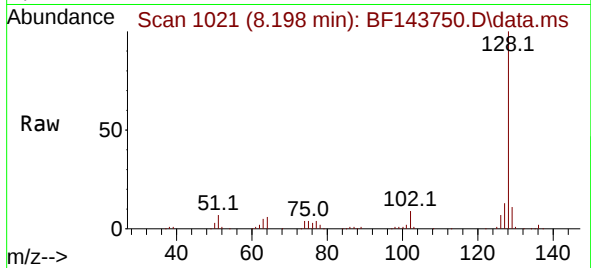




#31
Naphthalene
Concen: 46.020 ng
RT: 8.198 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

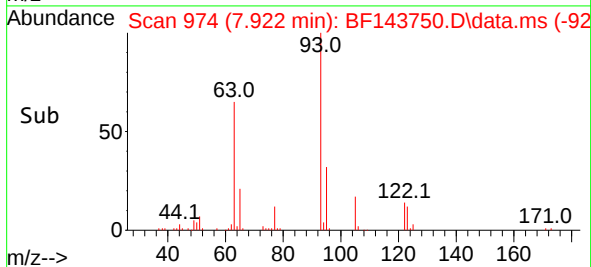
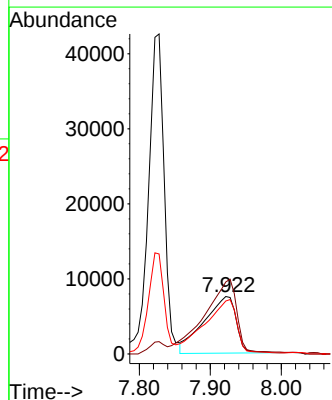
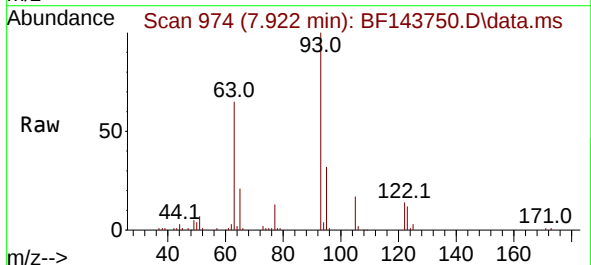
Instrument :
BNA_F
ClientSampleId :
PB169679BS

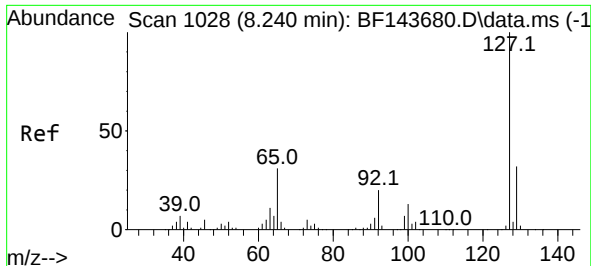
Tgt Ion:128 Resp: 206047
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 29.564 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:122 Resp: 24003
Ion Ratio Lower Upper
122 100
105 125.5 105.2 145.2
77 92.4 72.0 112.0





#33

4-Chloroaniline

Concen: 24.242 ng

RT: 8.245 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

Tgt Ion:127 Resp: 37785

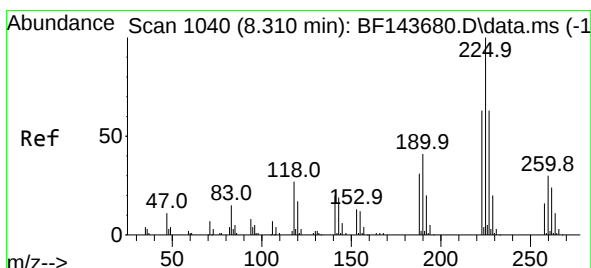
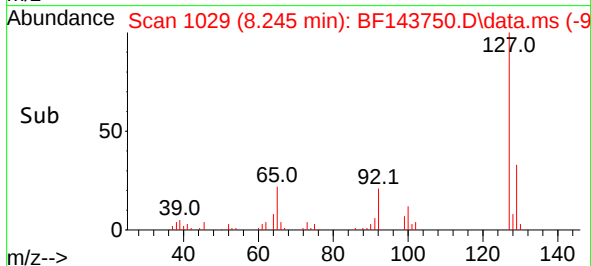
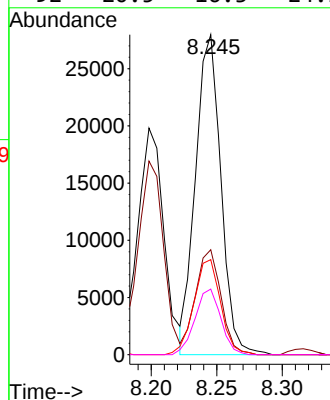
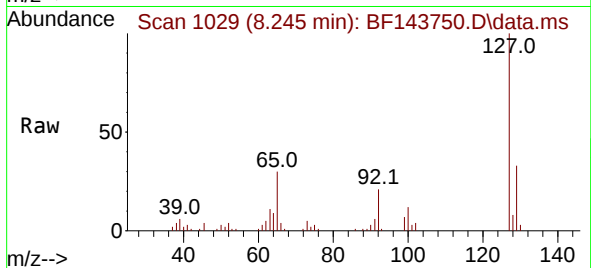
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 29.7 24.6 36.8

92 20.5 16.3 24.5



#34

Hexachlorobutadiene

Concen: 44.327 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

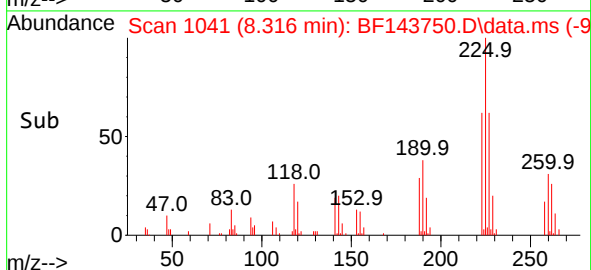
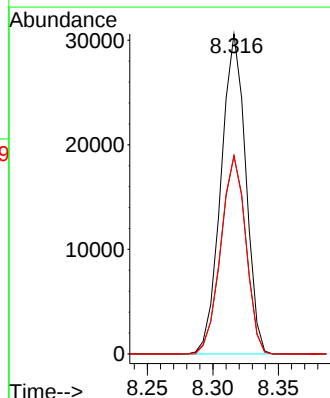
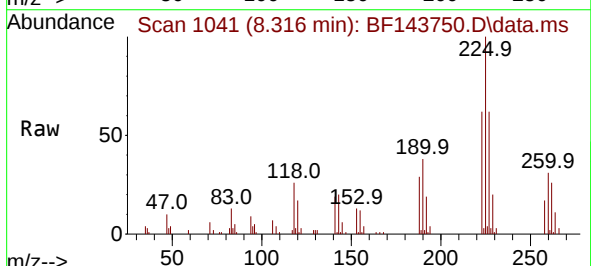
Tgt Ion:225 Resp: 40098

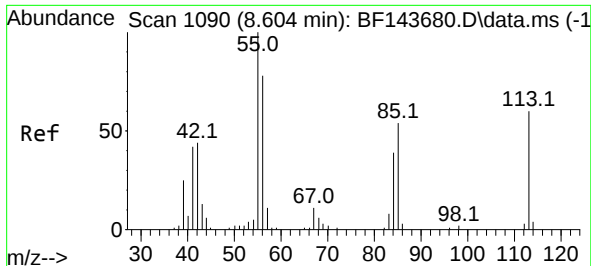
Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

227 61.9 50.8 76.2

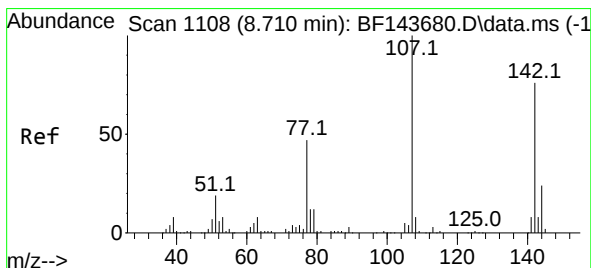
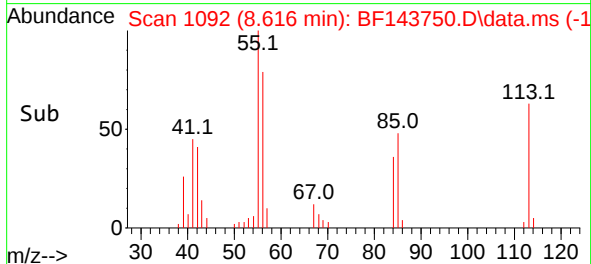
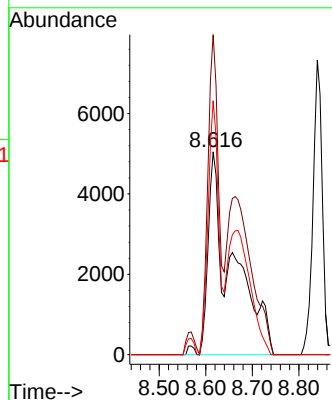
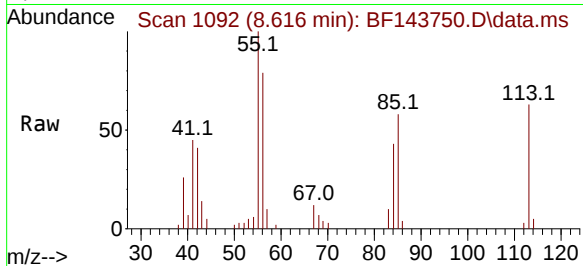




#35
 Caprolactam
 Concen: 51.306 ng m
 RT: 8.616 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

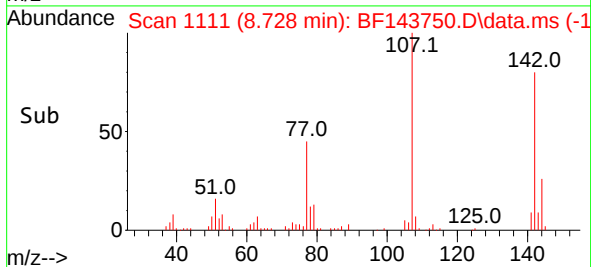
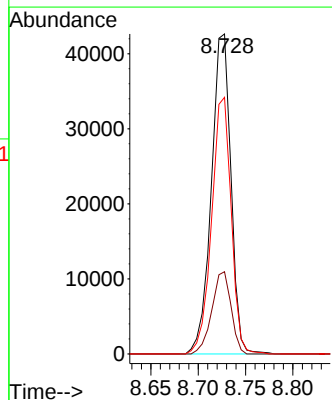
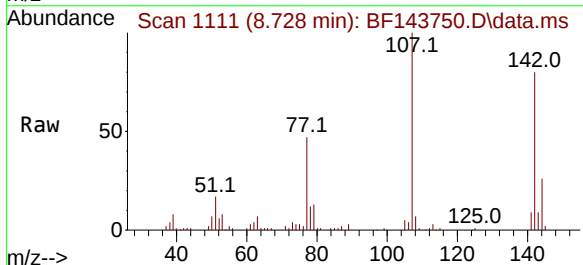
Instrument :
 BNA_F
 ClientSampleId :
 PB169679BS

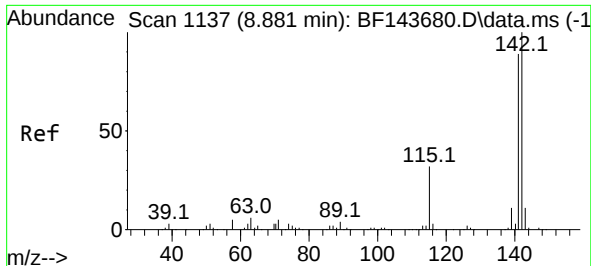
Tgt Ion:113 Resp: 18280
 Ion Ratio Lower Upper
 113 100
 55 157.8 148.9 188.9
 56 125.2 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.333 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.018 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

Tgt Ion:107 Resp: 61158
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.4 29.2
 142 80.2 60.6 91.0





#37

2-Methylnaphthalene

Concen: 41.882 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

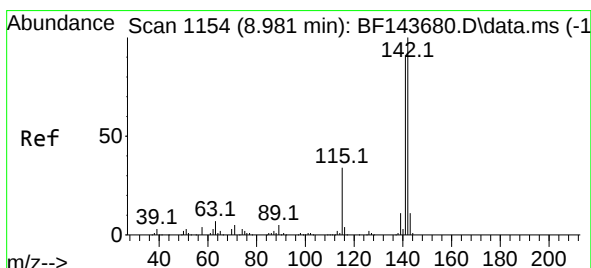
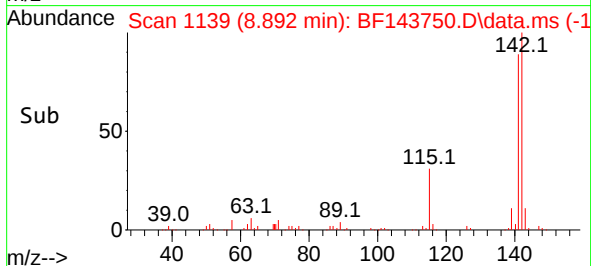
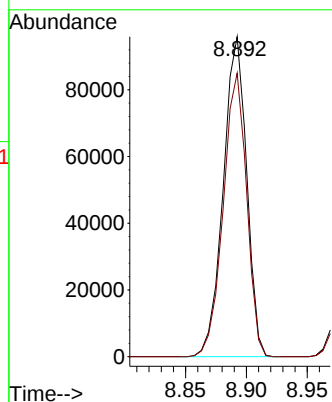
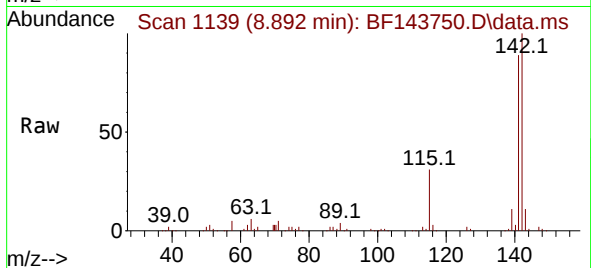
PB169679BS

Tgt Ion:142 Resp: 128363

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7



#38

1-Methylnaphthalene

Concen: 43.774 ng

RT: 8.992 min Scan# 1156

Delta R.T. 0.012 min

Lab File: BF143750.D

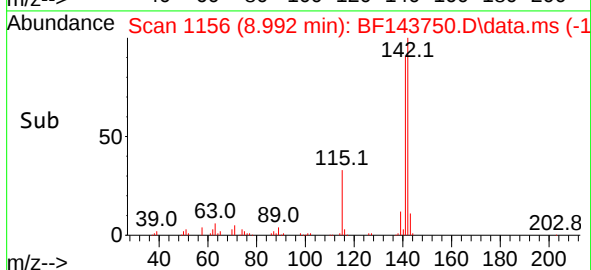
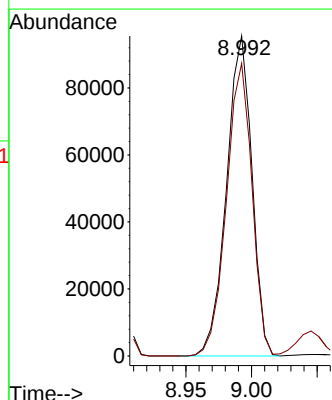
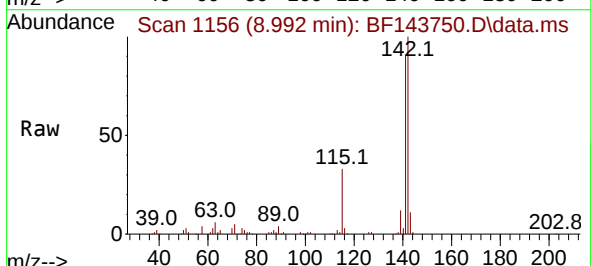
Acq: 15 Sep 2025 13:49

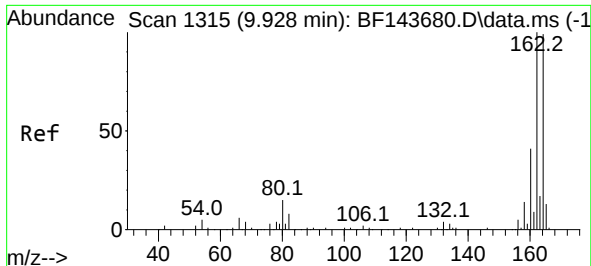
Tgt Ion:142 Resp: 128754

Ion Ratio Lower Upper

142 100

141 91.4 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

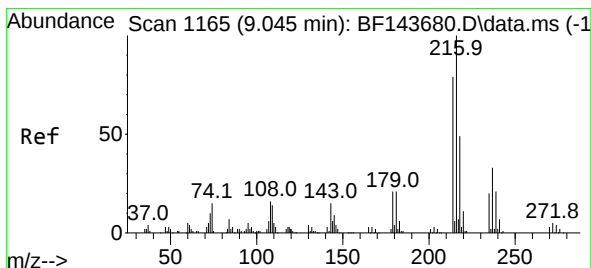
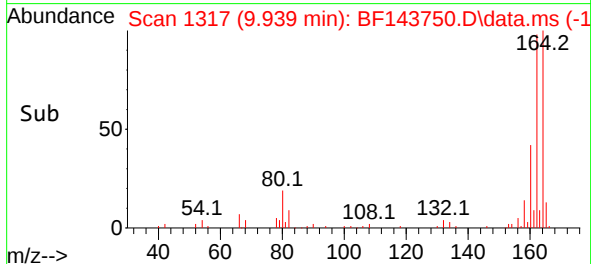
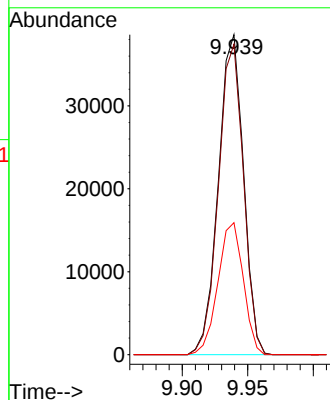
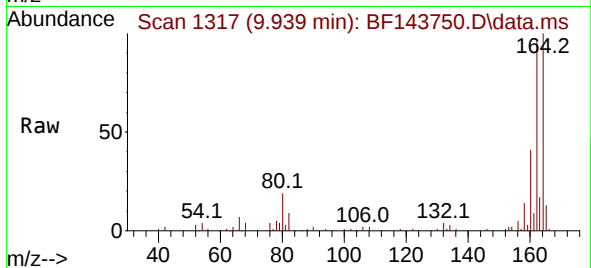
Tgt Ion:164 Resp: 51473

Ion Ratio Lower Upper

164 100

162 97.0 80.6 121.0

160 41.3 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.459 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Tgt Ion:216 Resp: 74356

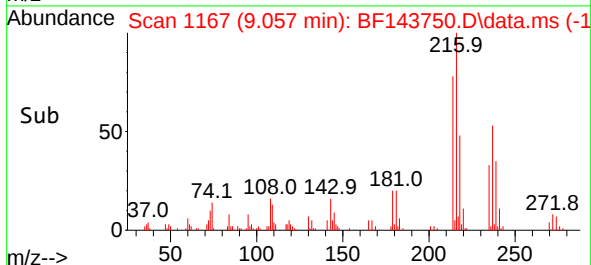
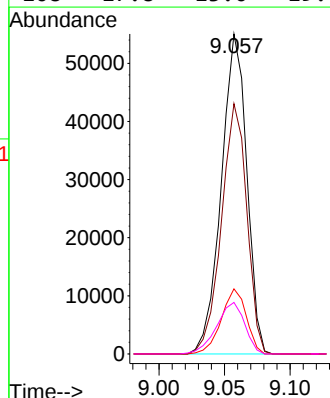
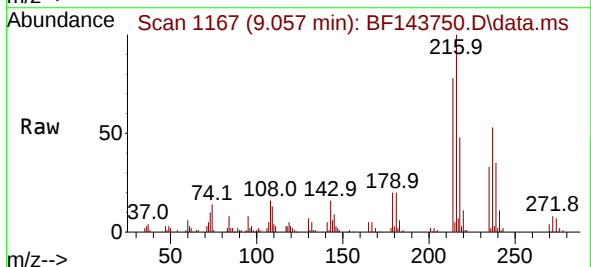
Ion Ratio Lower Upper

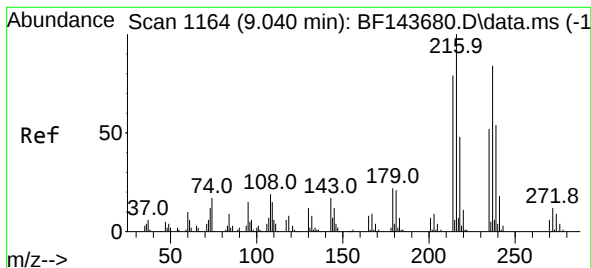
216 100

214 77.8 63.2 94.8

179 20.0 16.8 25.2

108 17.8 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 126.253 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

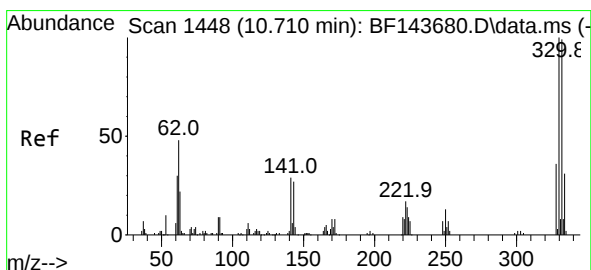
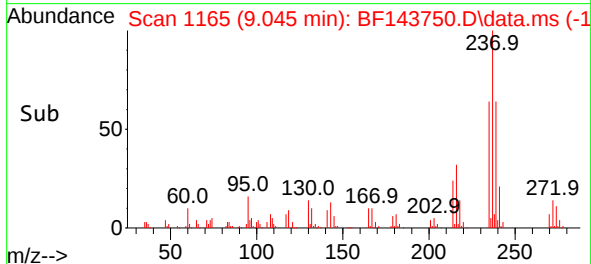
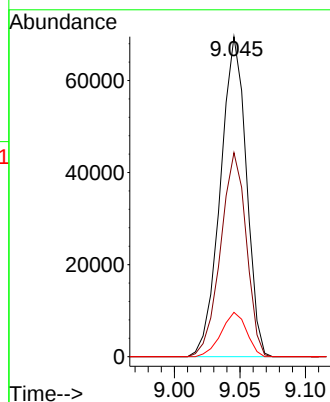
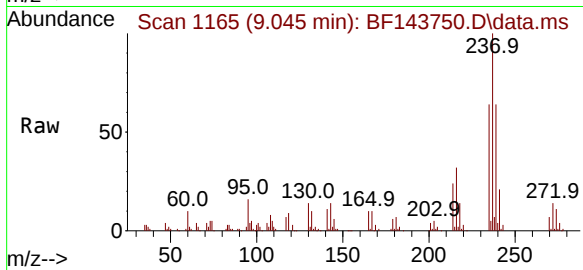
Tgt Ion:237 Resp: 95515

Ion Ratio Lower Upper

237 100

235 63.7 41.6 81.6

272 13.8 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 139.972 ng

RT: 10.728 min Scan# 1451

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

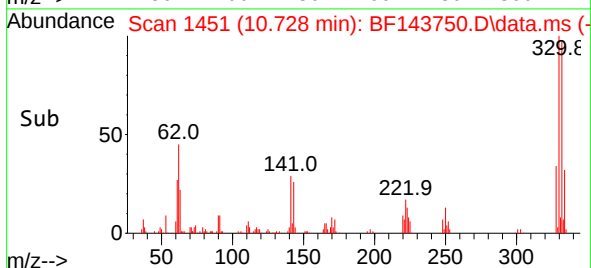
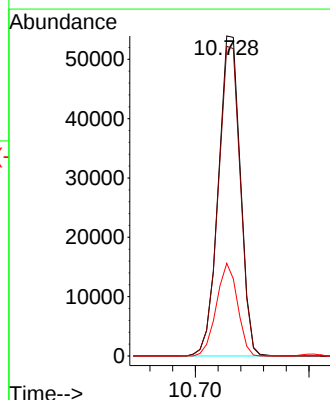
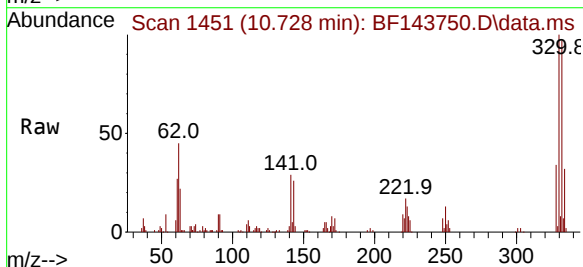
Tgt Ion:330 Resp: 72608

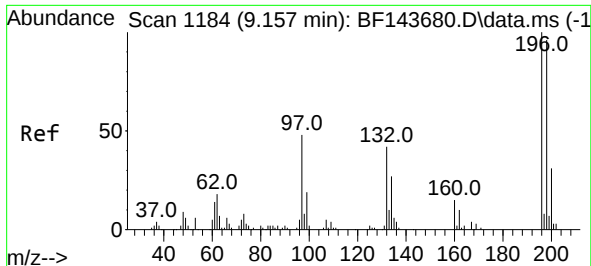
Ion Ratio Lower Upper

330 100

332 96.7 79.2 118.8

141 27.7 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 47.922 ng

RT: 9.169 min Scan# 1186

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

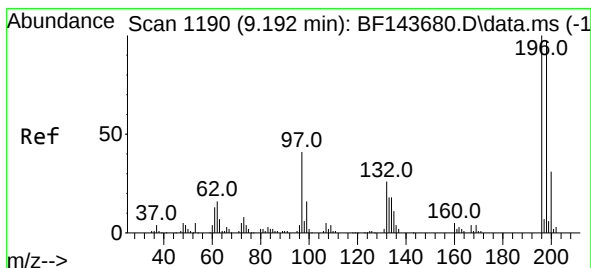
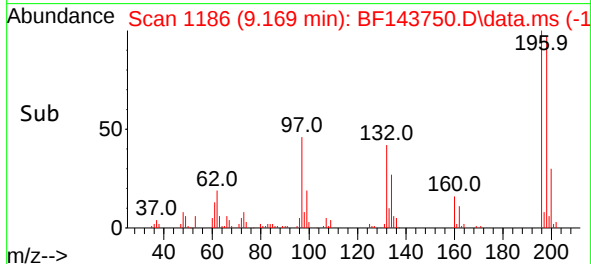
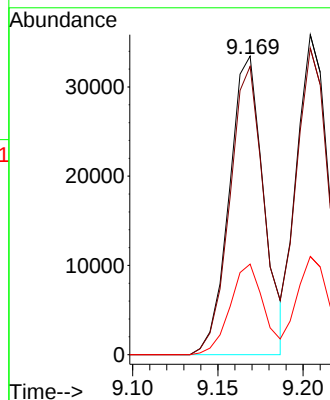
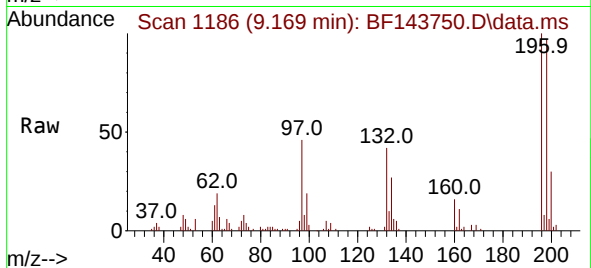
Tgt Ion:196 Resp: 47154

Ion Ratio Lower Upper

196 100

198 96.6 76.5 114.7

200 30.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.145 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Tgt Ion:196 Resp: 46160

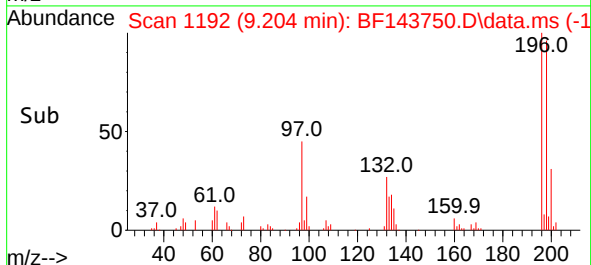
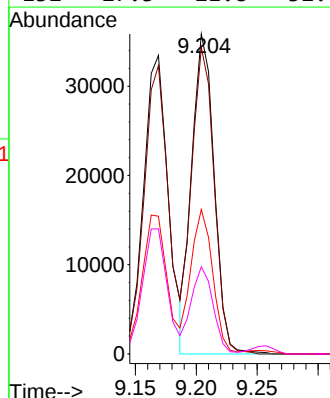
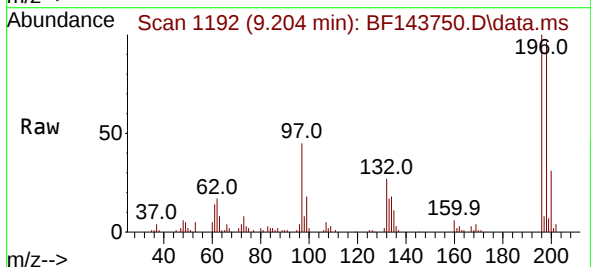
Ion Ratio Lower Upper

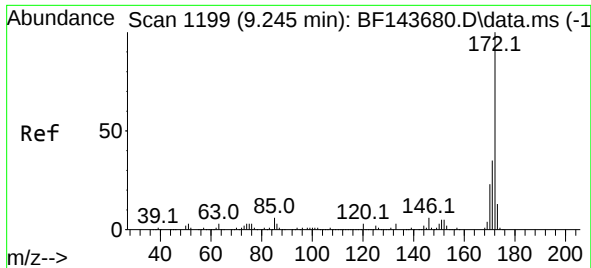
196 100

198 95.8 77.0 115.6

97 45.2 34.2 51.4

132 27.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 86.470 ng

RT: 9.257 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

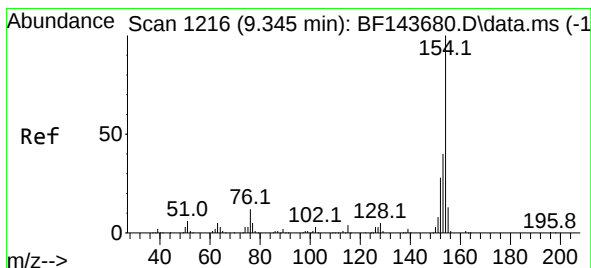
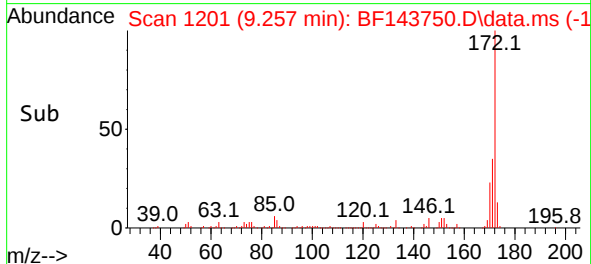
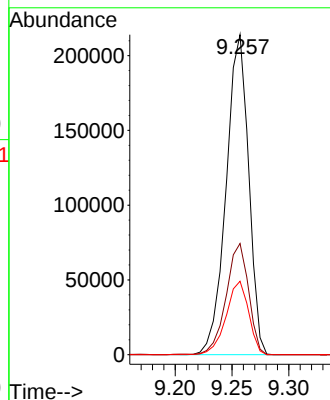
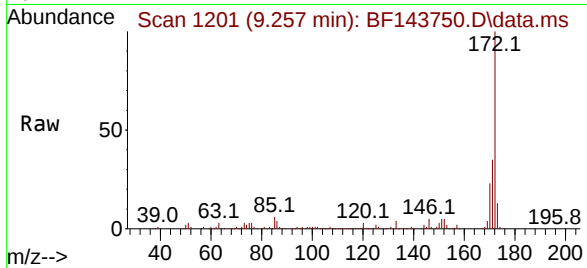
Tgt Ion:172 Resp: 294641

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.0 18.6 27.8



#46

1,1'-Biphenyl

Concen: 52.285 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

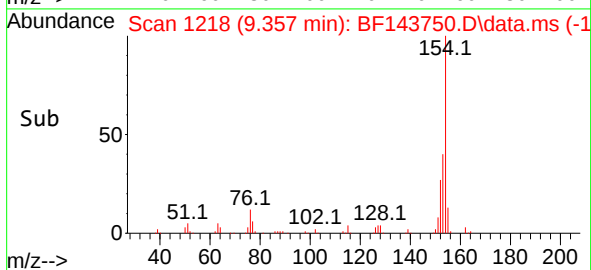
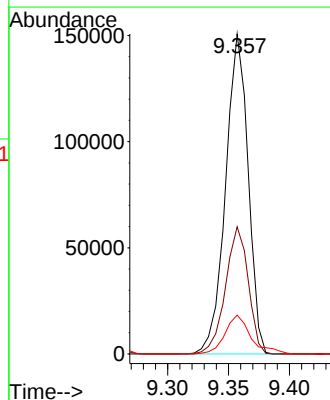
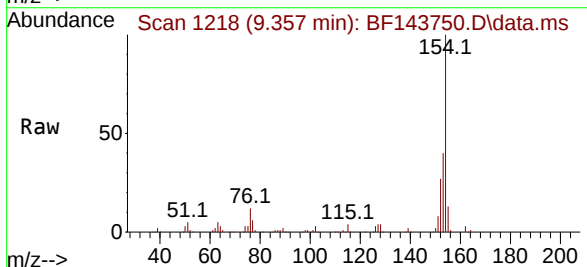
Tgt Ion:154 Resp: 193749

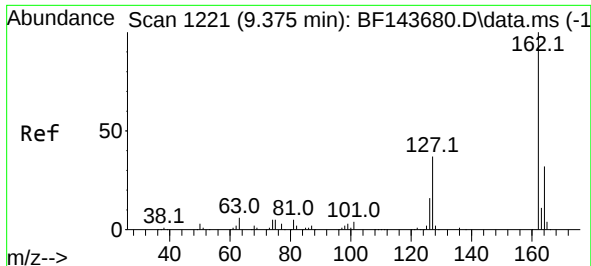
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 12.1 0.0 31.6

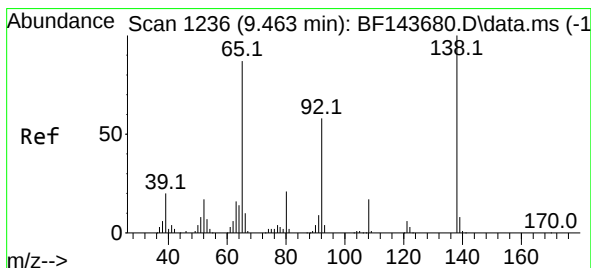
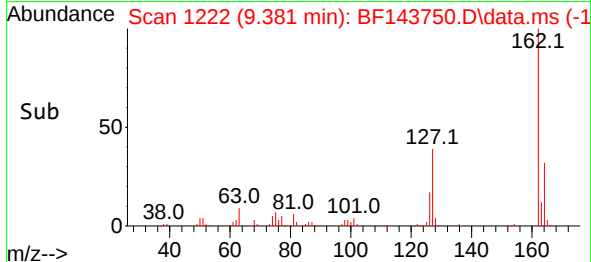
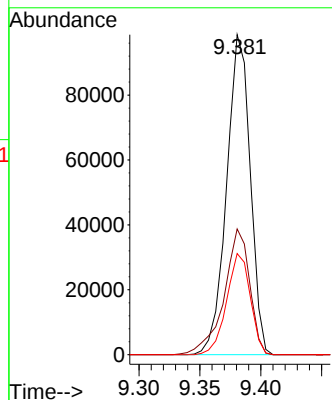
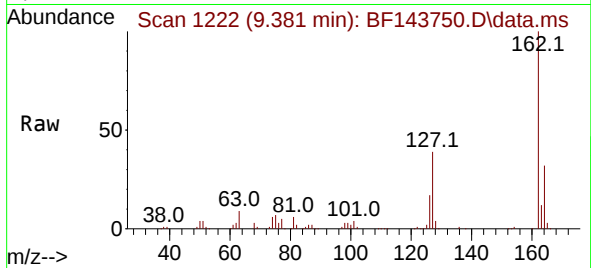




#47
2-Chloronaphthalene
Concen: 45.831 ng
RT: 9.381 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

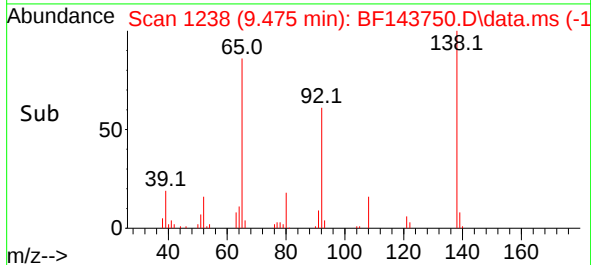
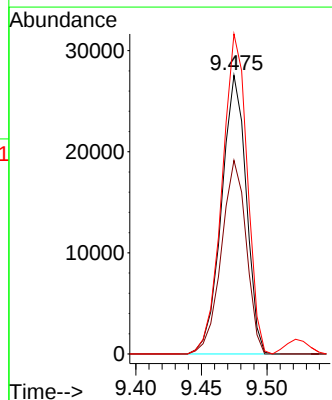
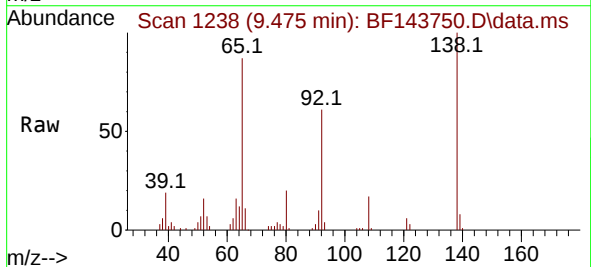
Instrument :
BNA_F
ClientSampleId :
PB169679BS

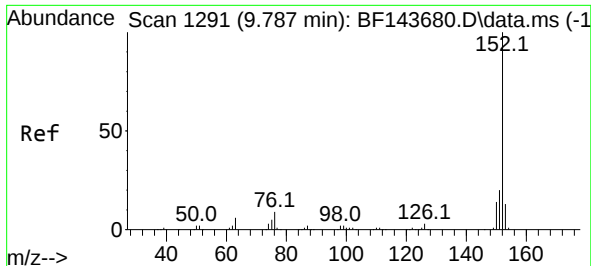
Tgt Ion:162 Resp: 133143
Ion Ratio Lower Upper
162 100
127 39.3 30.6 45.8
164 31.6 25.8 38.8



#48
2-Nitroaniline
Concen: 46.920 ng
RT: 9.475 min Scan# 1238
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion: 65 Resp: 36072
Ion Ratio Lower Upper
65 100
92 69.5 53.3 79.9
138 114.8 92.1 138.1





#49

Acenaphthylene

Concen: 52.814 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

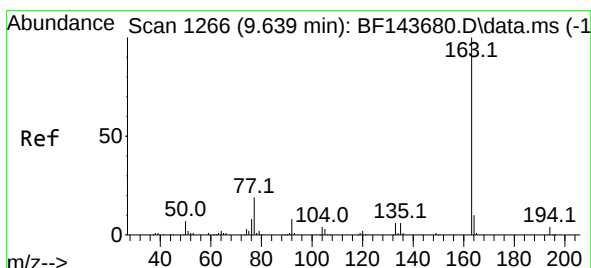
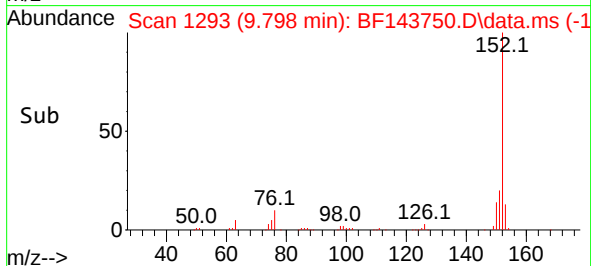
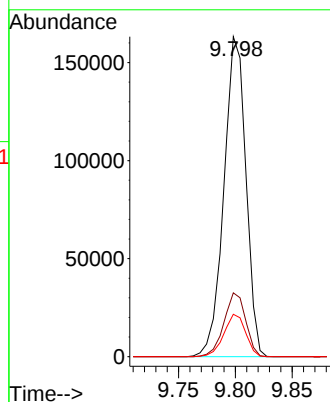
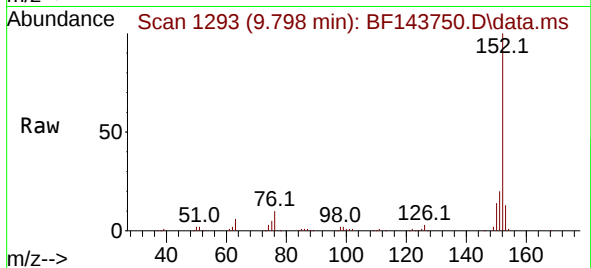
Tgt Ion:152 Resp: 219778

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 47.064 ng

RT: 9.663 min Scan# 1270

Delta R.T. 0.023 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

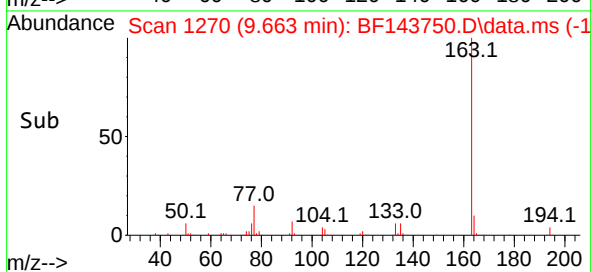
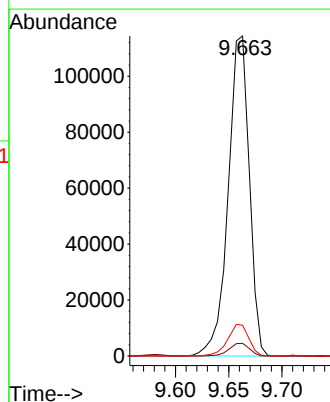
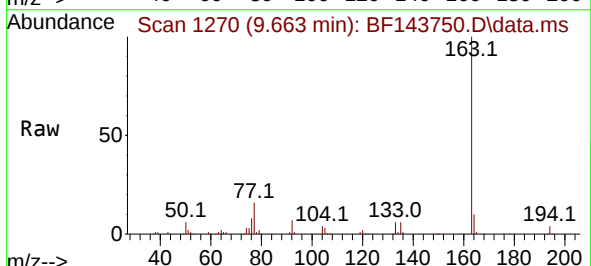
Tgt Ion:163 Resp: 157618

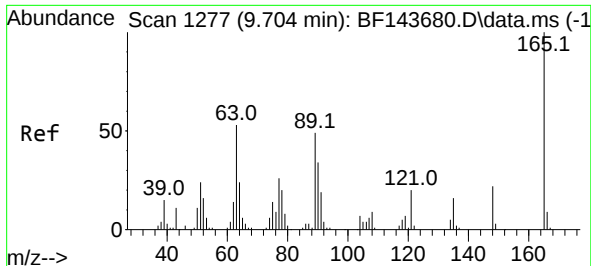
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 9.6 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 51.656 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

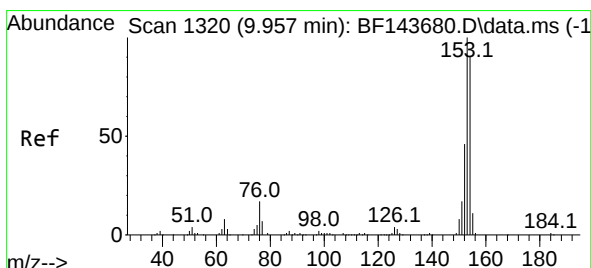
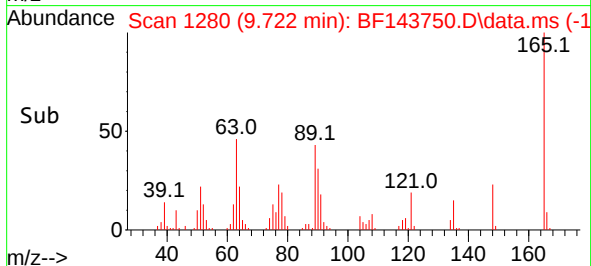
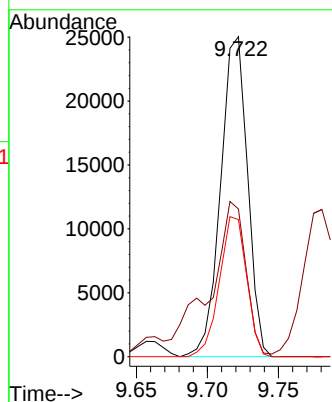
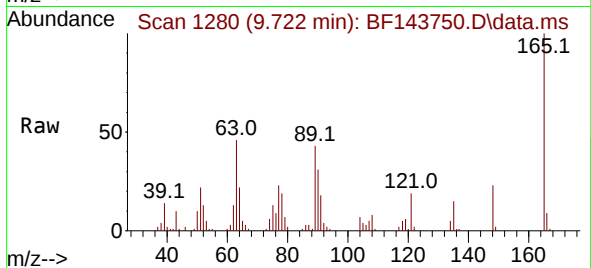
Tgt Ion:165 Resp: 33076

Ion Ratio Lower Upper

165 100

63 46.2 42.2 63.4

89 42.9 39.3 58.9



#52

Acenaphthene

Concen: 47.171 ng

RT: 9.975 min Scan# 1323

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

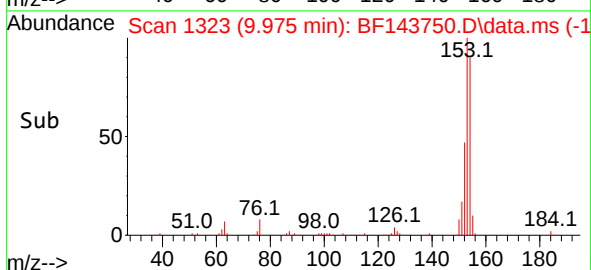
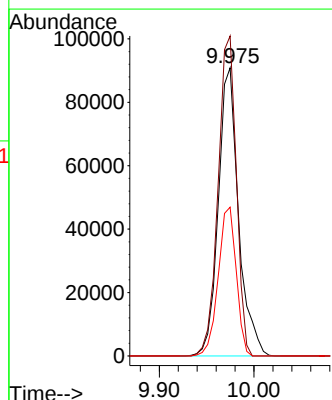
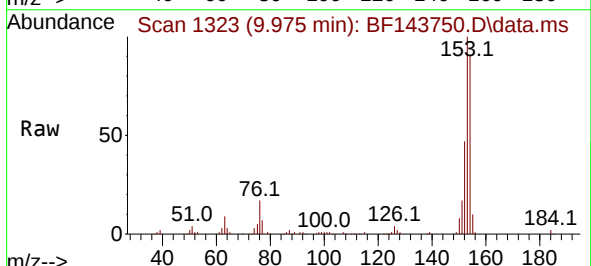
Tgt Ion:154 Resp: 135266

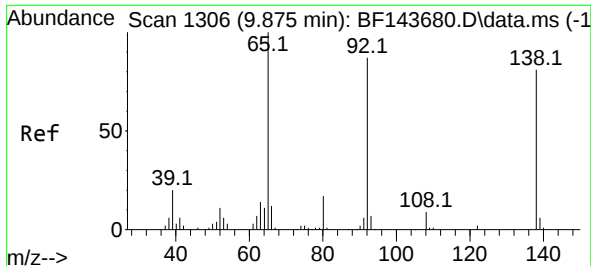
Ion Ratio Lower Upper

154 100

153 111.1 89.4 134.0

152 51.7 41.2 61.8

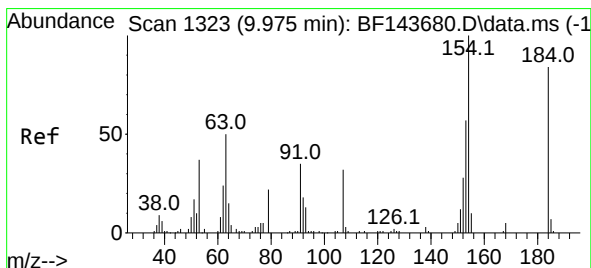
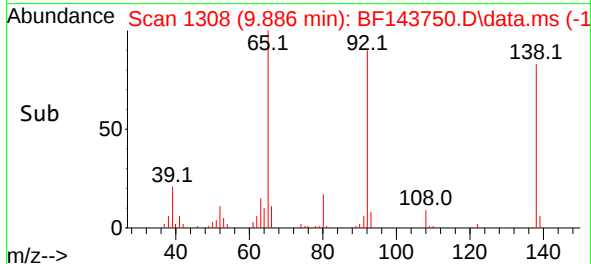
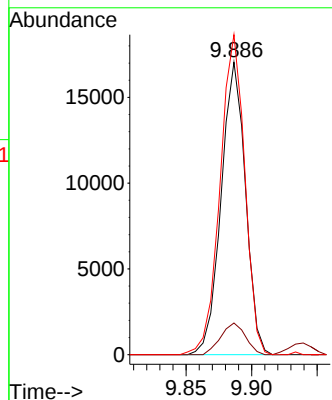
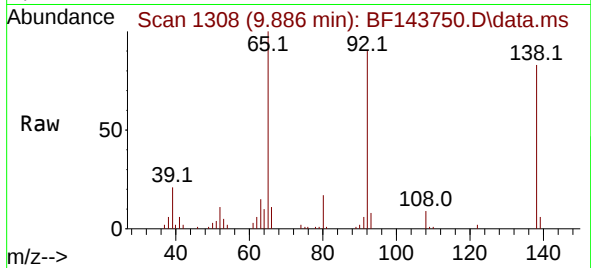




#53
3-Nitroaniline
Concen: 31.834 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

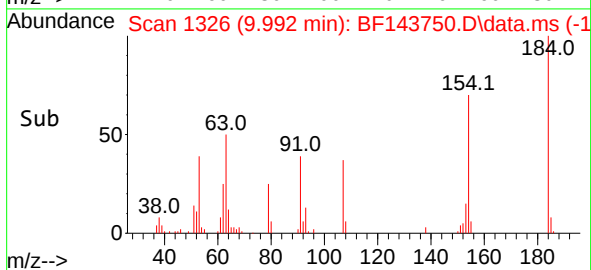
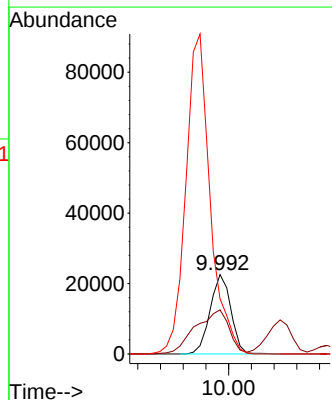
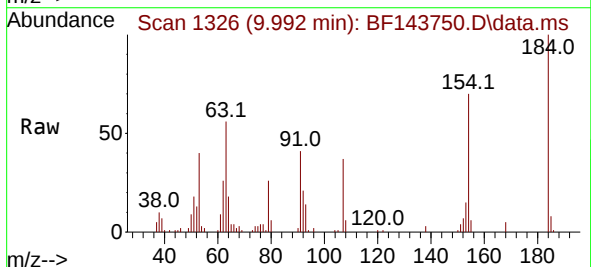
Instrument :
BNA_F
ClientSampleId :
PB169679BS

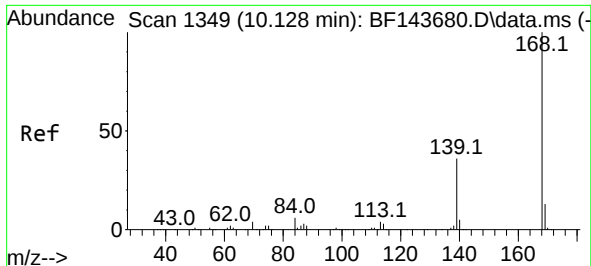
Tgt Ion:138 Resp: 21936
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 109.4 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 82.843 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:184 Resp: 28611
Ion Ratio Lower Upper
184 100
63 55.6 52.7 79.1
154 69.6 136.6 204.8#

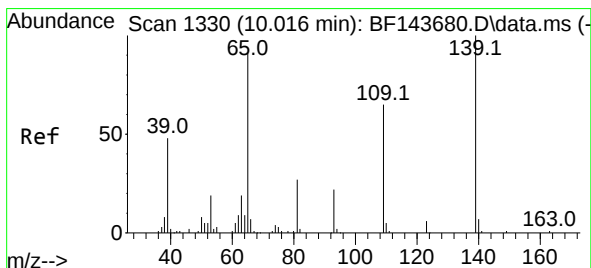
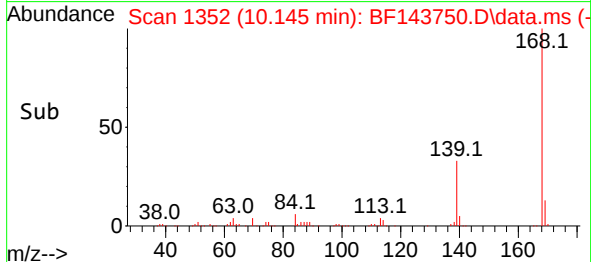
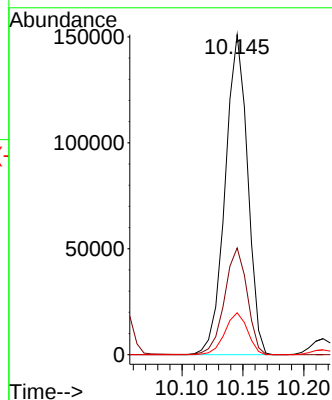
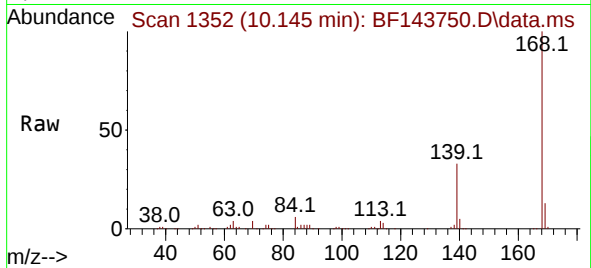




#55
Dibenzofuran
Concen: 46.872 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

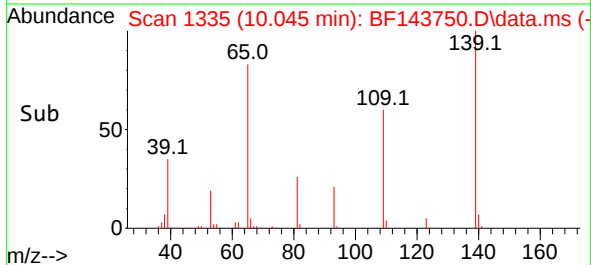
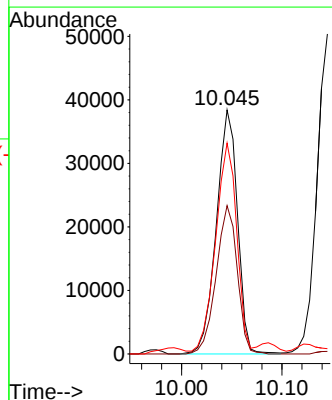
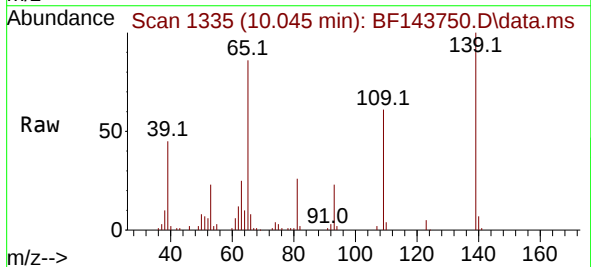
Instrument :
BNA_F
ClientSampleId :
PB169679BS

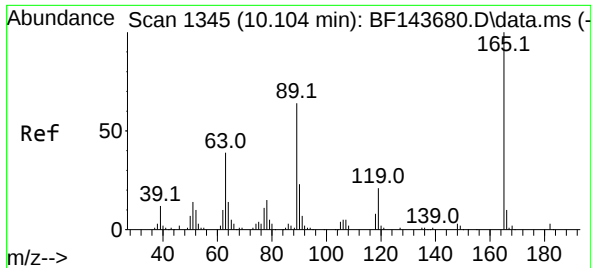
Tgt Ion:168 Resp: 193271
Ion Ratio Lower Upper
168 100
139 33.4 29.0 43.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 102.782 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.029 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:139 Resp: 56347
Ion Ratio Lower Upper
139 100
109 60.8 45.2 85.2
65 86.4 72.1 112.1

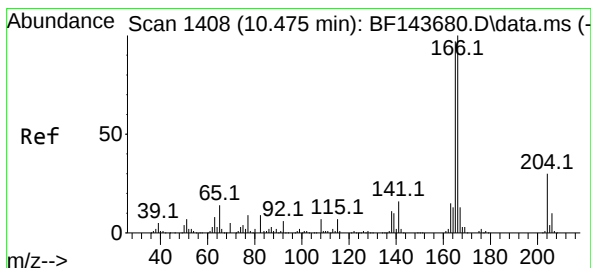
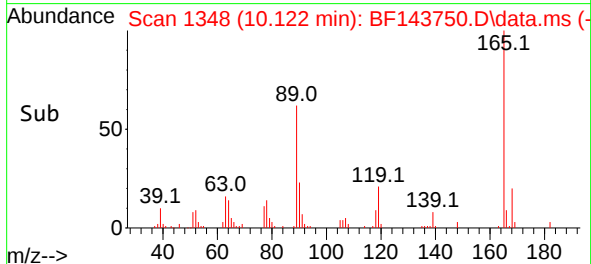
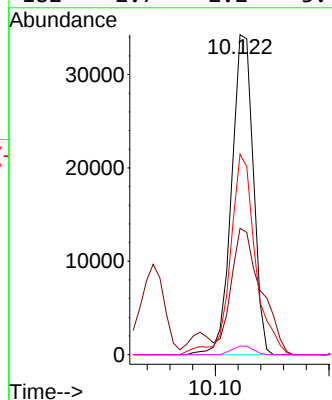
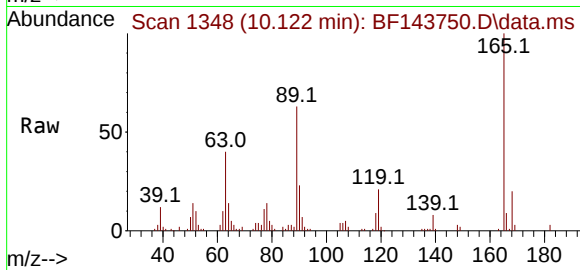




#57
2,4-Dinitrotoluene
Concen: 52.145 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

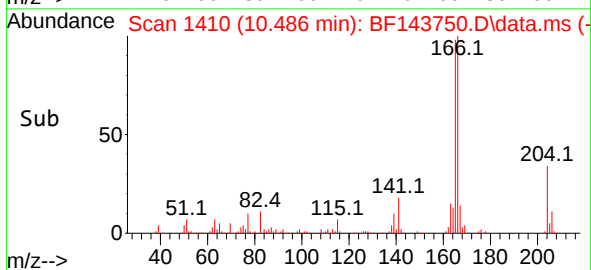
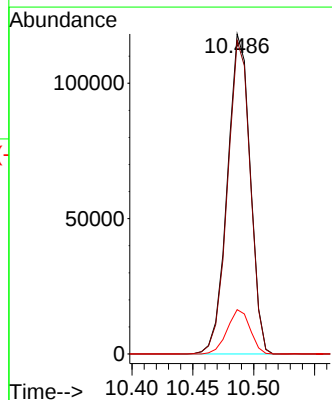
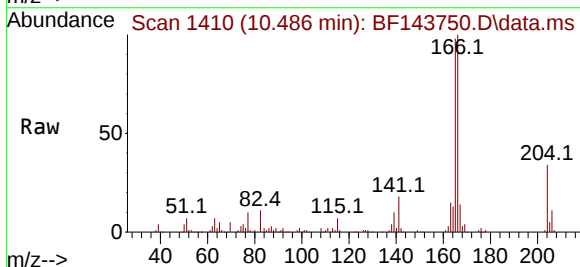
Instrument :
BNA_F
ClientSampleId :
PB169679BS

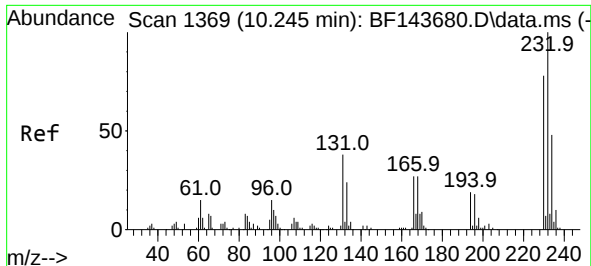
Tgt Ion:	165	Resp:	45443
Ion Ratio	Lower	Upper	
165	100		
63	39.5	31.5	47.3
89	62.7	51.3	76.9
182	2.7	2.2	3.4



#58
Fluorene
Concen: 47.900 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:	166	Resp:	154609
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.5	116.3
167	13.8	10.2	15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.972 ng

RT: 10.257 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

Tgt Ion:232 Resp: 40533

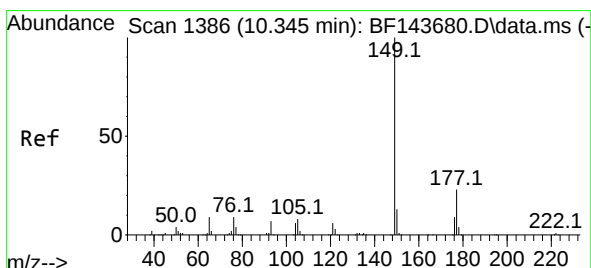
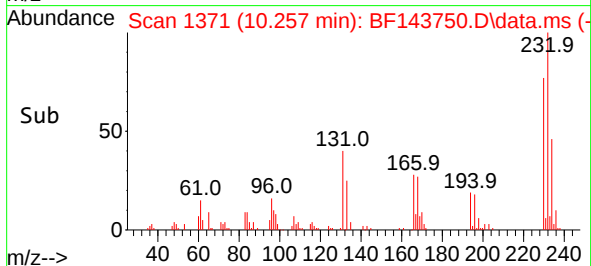
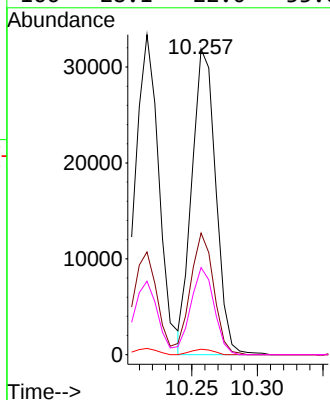
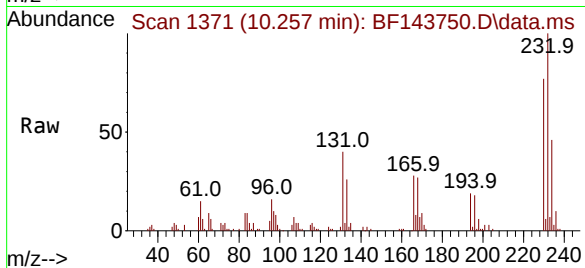
Ion Ratio Lower Upper

232 100

131 39.1 31.9 47.9

130 1.7 1.4 2.0

166 28.1 22.0 33.0



#60

Diethylphthalate

Concen: 46.868 ng

RT: 10.363 min Scan# 1389

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

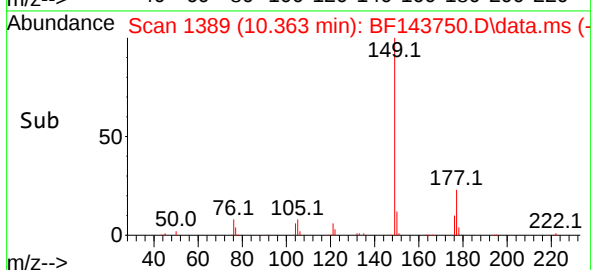
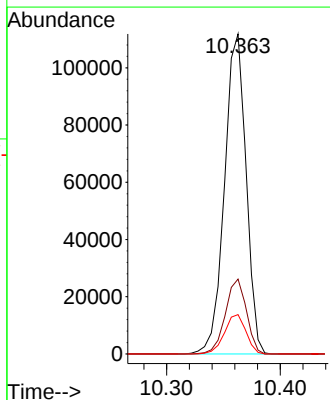
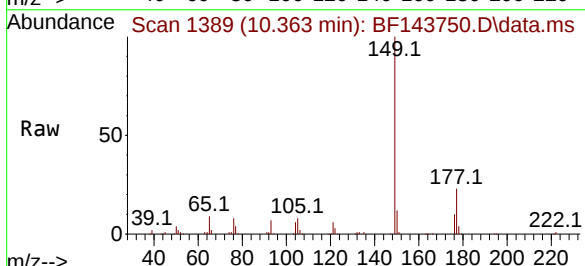
Tgt Ion:149 Resp: 147358

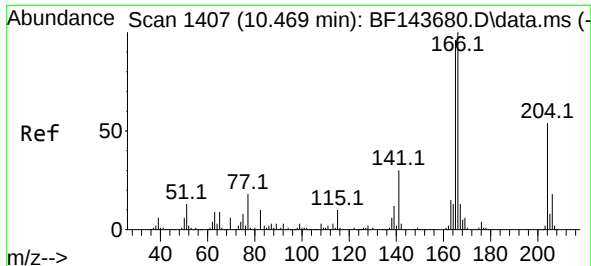
Ion Ratio Lower Upper

149 100

177 23.4 18.2 27.2

150 12.3 10.0 15.0

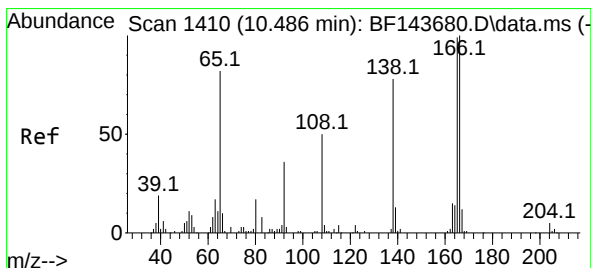
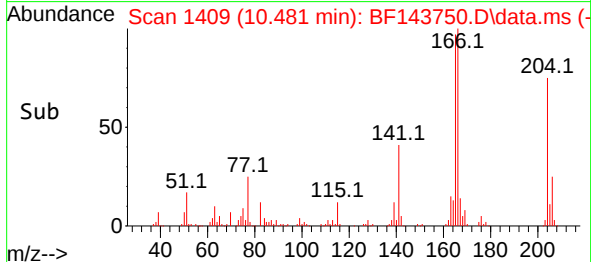
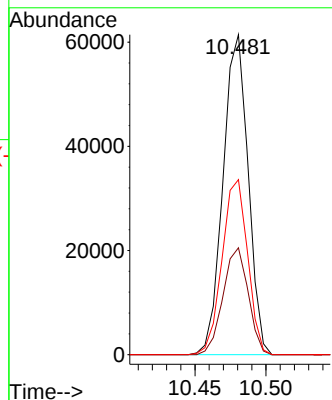
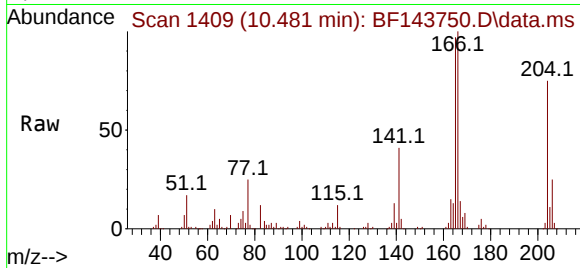




#61
4-Chlorophenyl-phenylether
Concen: 46.082 ng
RT: 10.481 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

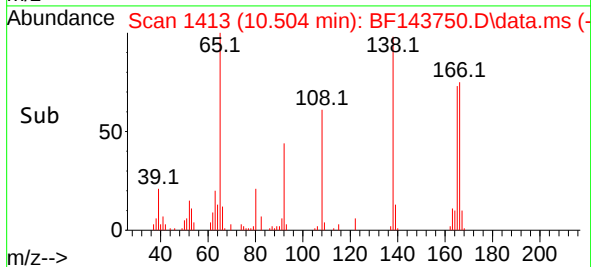
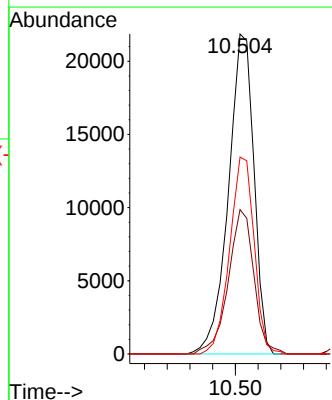
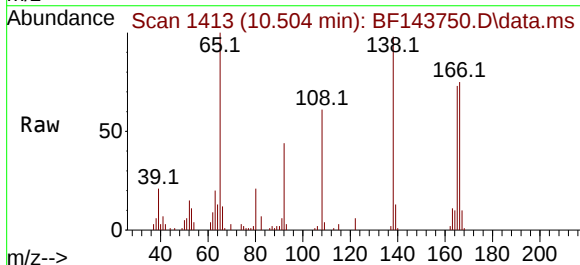
Instrument :
BNA_F
ClientSampleId :
PB169679BS

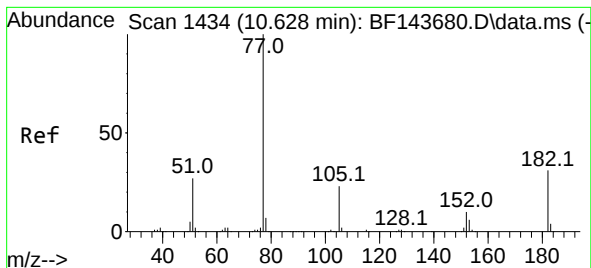
Tgt Ion:204 Resp: 75434
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 54.7 44.8 67.2



#62
4-Nitroaniline
Concen: 52.229 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:138 Resp: 34087
Ion Ratio Lower Upper
138 100
92 45.1 26.4 66.4
108 61.6 44.3 84.3





#63

Azobenzene

Concen: 46.362 ng

RT: 10.639 min Scan# 1436

Delta R.T. 0.012 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

Tgt Ion: 77 Resp: 128868

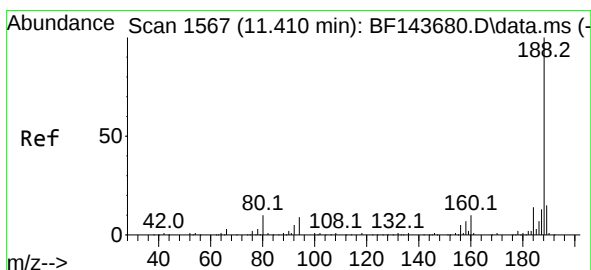
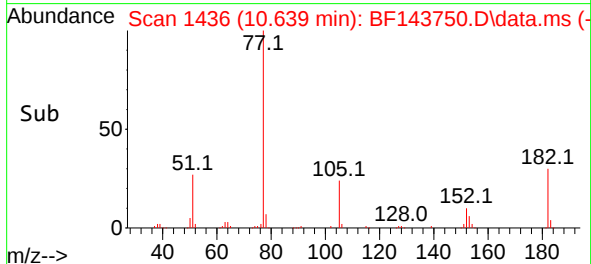
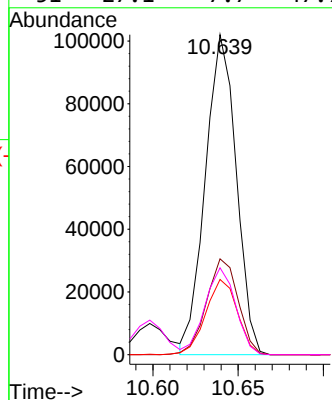
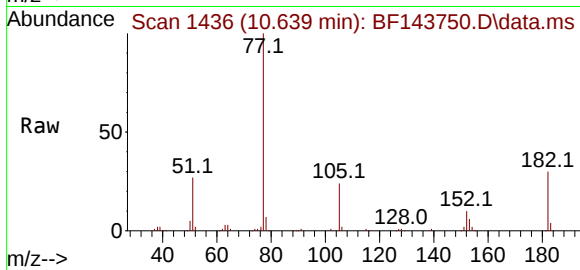
Ion Ratio Lower Upper

77 100

182 29.9 10.8 50.8

105 23.5 3.2 43.2

51 27.1 7.7 47.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

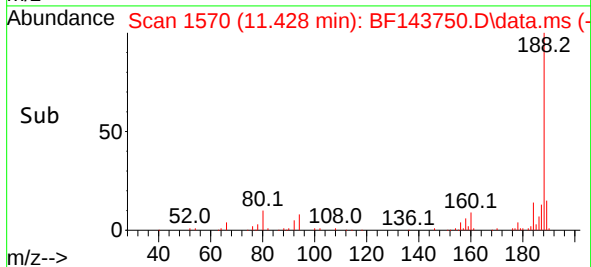
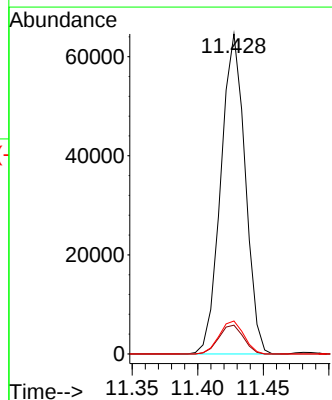
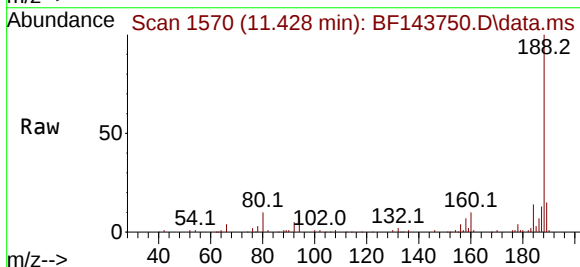
Tgt Ion: 188 Resp: 83222

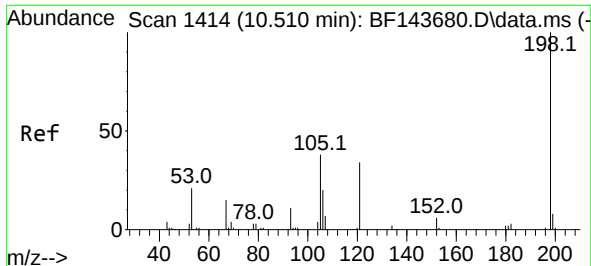
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

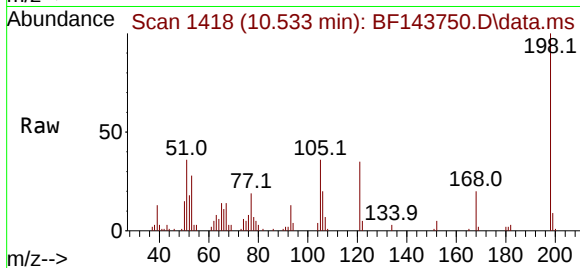
80 10.3 7.7 11.5



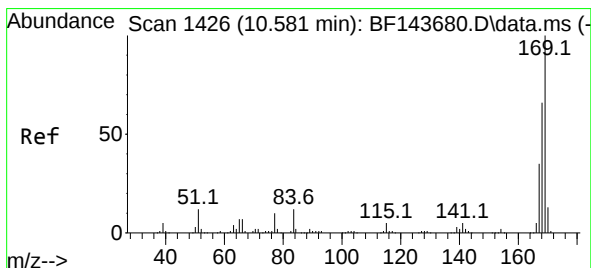
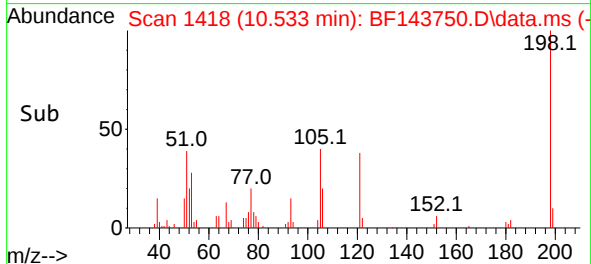
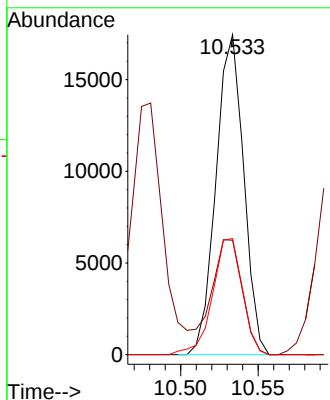


#65
4,6-Dinitro-2-methylphenol
Concen: 51.122 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.023 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Instrument :
BNA_F
ClientSampleId :
PB169679BS

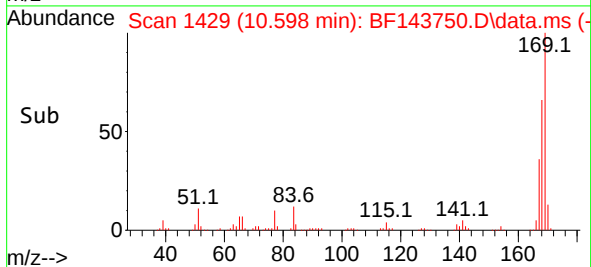
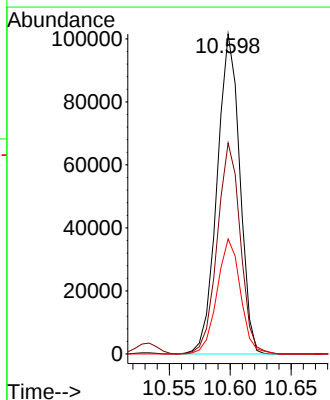
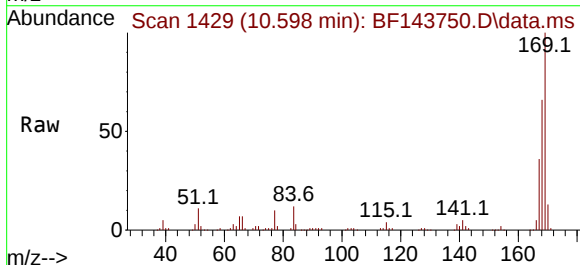


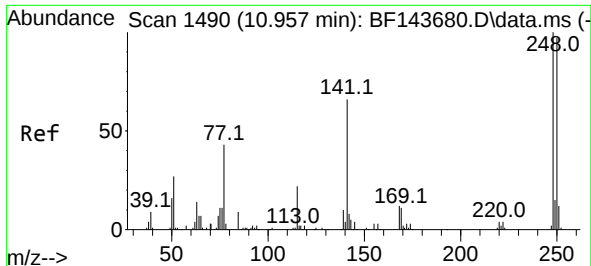
Tgt Ion:198 Resp: 21661
Ion Ratio Lower Upper
198 100
51 35.7 21.2 61.2
105 36.3 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 48.256 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:169 Resp: 131563
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.6
167 36.0 28.1 42.1

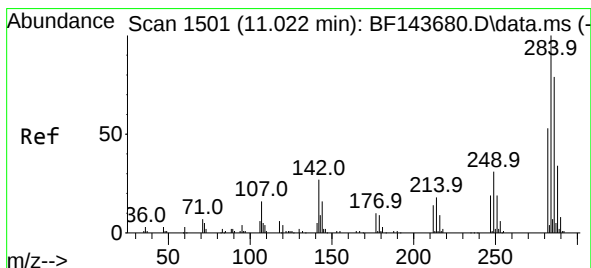
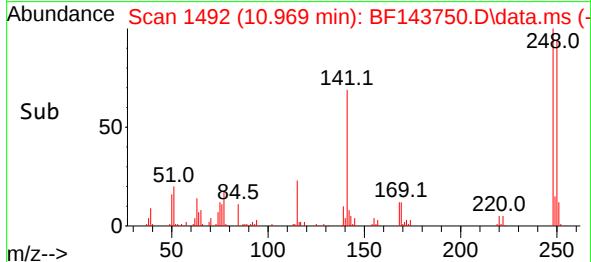
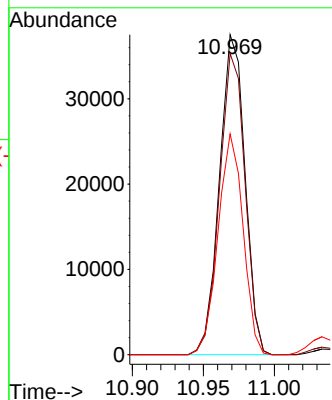
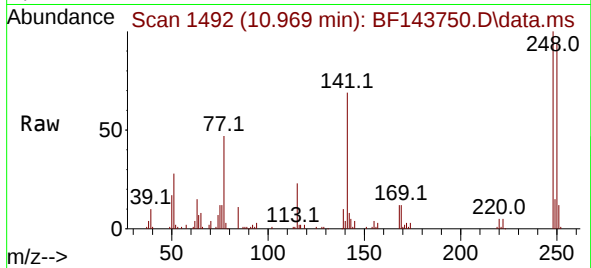




#67
4-Bromophenyl-phenylether
Concen: 46.707 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

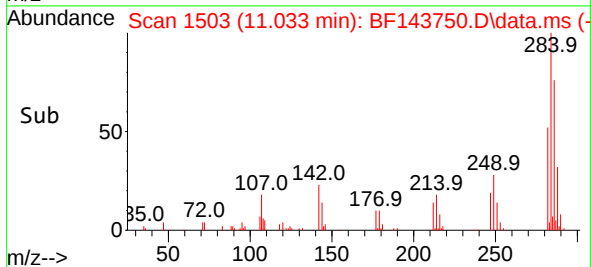
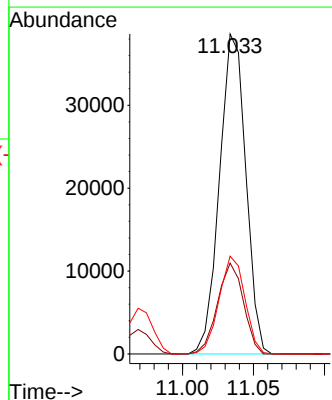
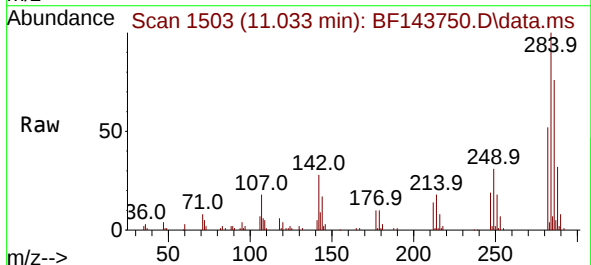
Instrument :
BNA_F
ClientSampleId :
PB169679BS

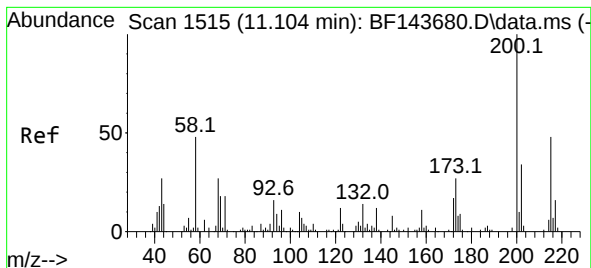
Tgt Ion:248 Resp: 46874
Ion Ratio Lower Upper
248 100
250 94.1 77.5 116.3
141 69.0 52.6 79.0



#68
Hexachlorobenzene
Concen: 46.948 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:284 Resp: 49750
Ion Ratio Lower Upper
284 100
142 28.4 21.3 31.9
249 30.6 25.0 37.4





#69

Atrazine

Concen: 49.563 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.023 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

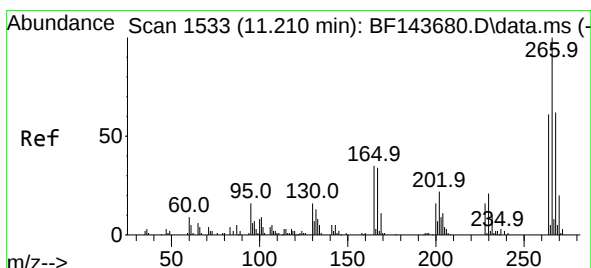
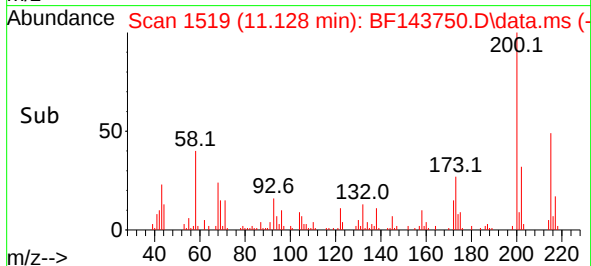
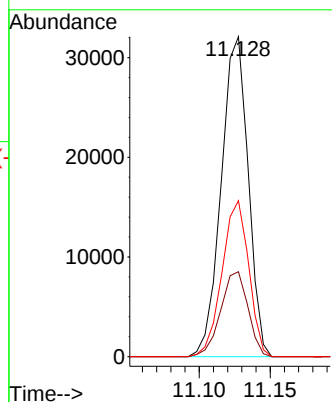
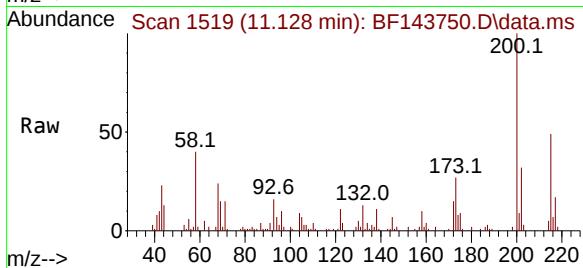
Tgt Ion:200 Resp: 42368

Ion Ratio Lower Upper

200 100

173 26.5 7.3 47.3

215 48.7 28.5 68.5



#70

Pentachlorophenol

Concen: 89.747 ng

RT: 11.228 min Scan# 1536

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

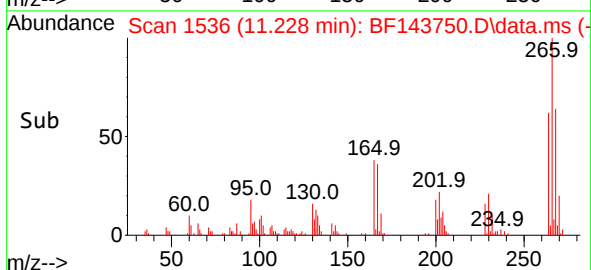
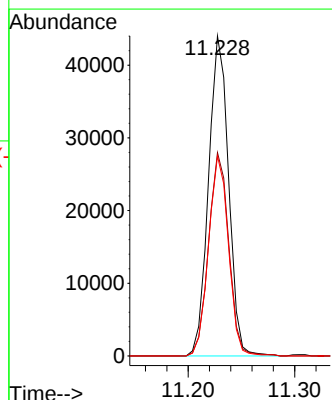
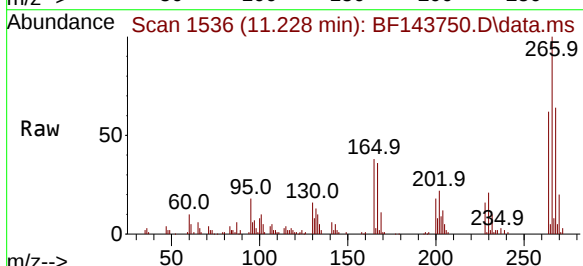
Tgt Ion:266 Resp: 57490

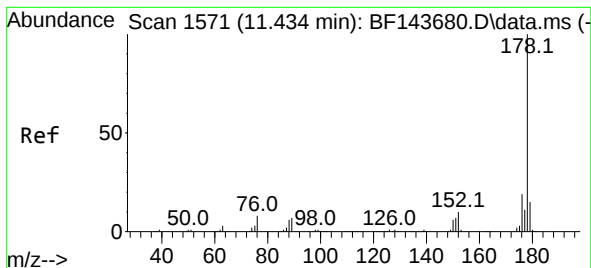
Ion Ratio Lower Upper

266 100

268 63.6 49.2 73.8

264 62.5 48.6 73.0





#71

Phenanthrene

Concen: 47.378 ng

RT: 11.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

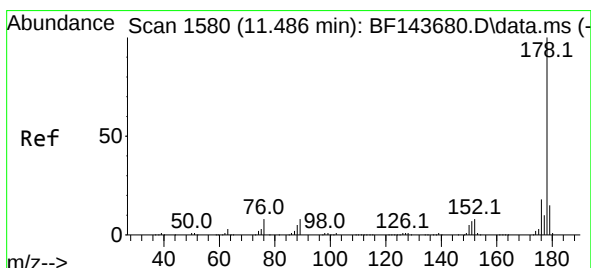
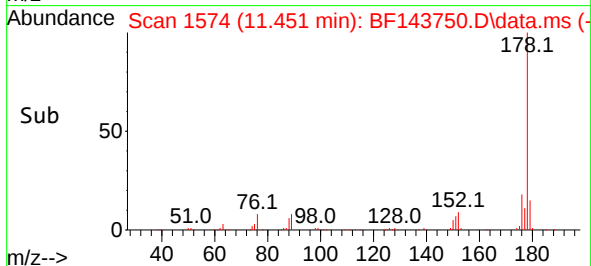
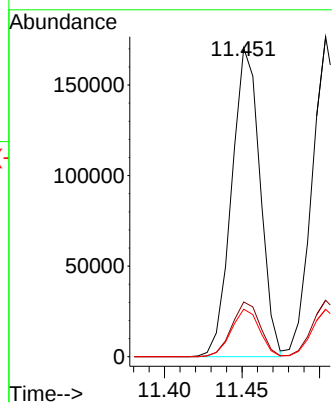
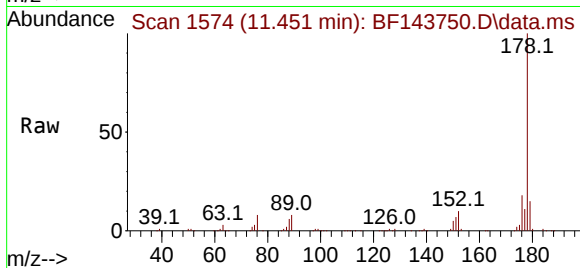
Tgt Ion:178 Resp: 217248

Ion Ratio Lower Upper

178 100

176 17.7 14.8 22.2

179 15.4 12.2 18.2



#72

Anthracene

Concen: 48.374 ng

RT: 11.504 min Scan# 1583

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

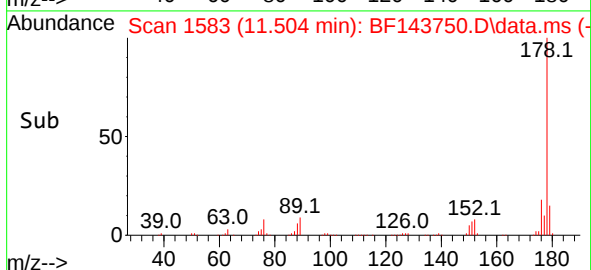
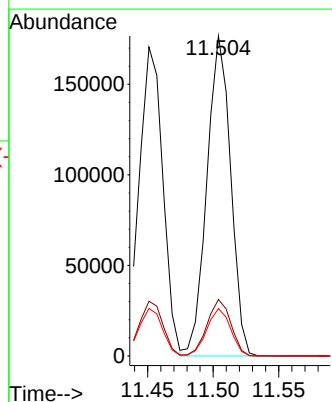
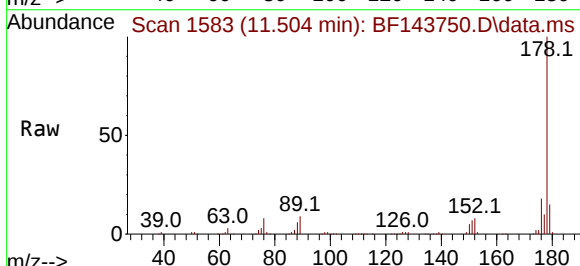
Tgt Ion:178 Resp: 223035

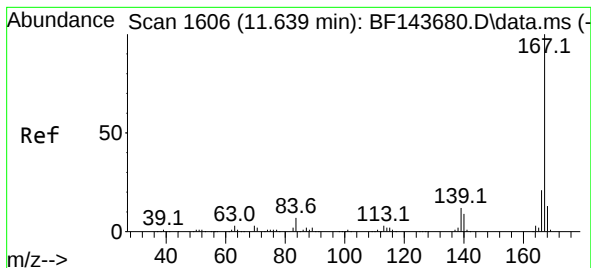
Ion Ratio Lower Upper

178 100

176 17.6 14.5 21.7

179 14.8 12.2 18.2





#73

Carbazole

Concen: 49.834 ng

RT: 11.657 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

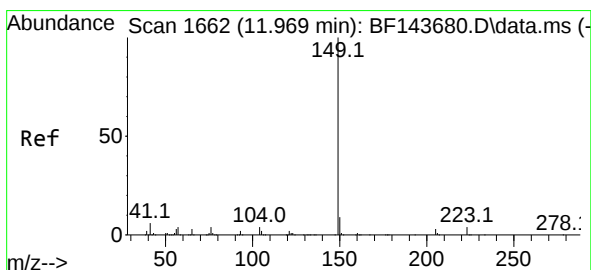
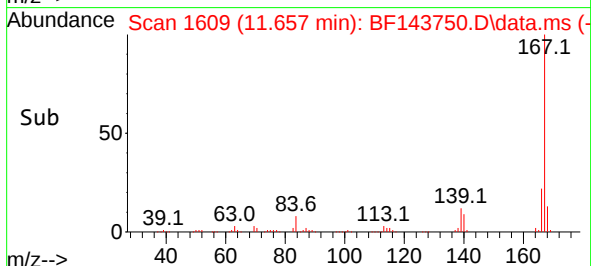
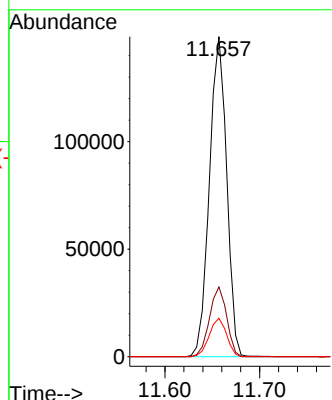
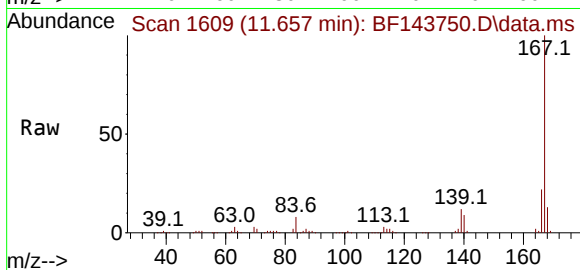
Tgt Ion:167 Resp: 188173

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

139 12.0 9.7 14.5



#74

Di-n-butylphthalate

Concen: 49.780 ng

RT: 11.986 min Scan# 1665

Delta R.T. 0.018 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

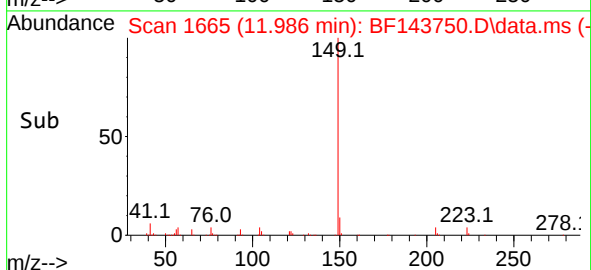
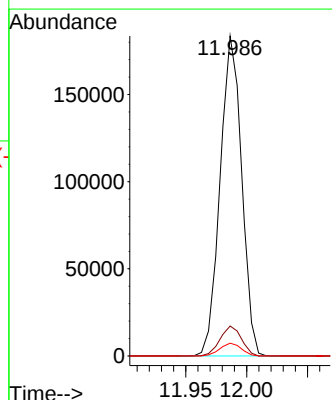
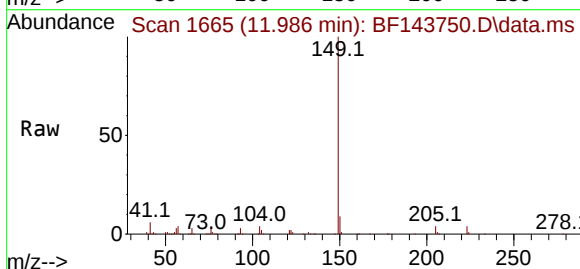
Tgt Ion:149 Resp: 226299

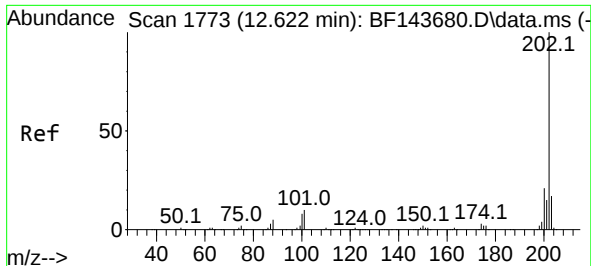
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.0 3.3 4.9

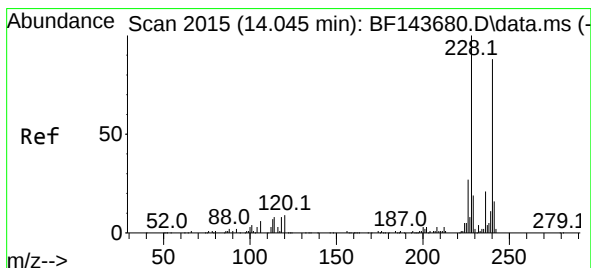
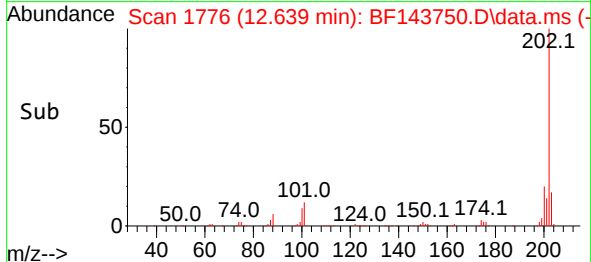
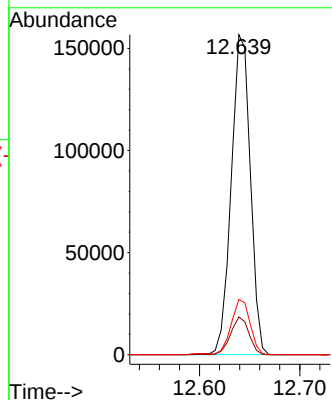
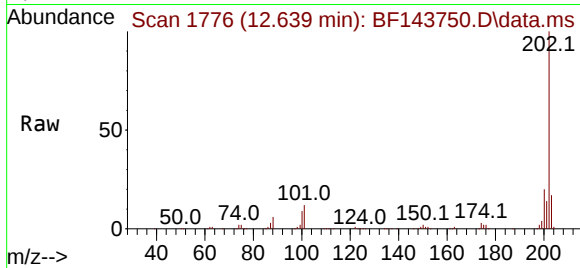




#75
Fluoranthene
Concen: 49.220 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

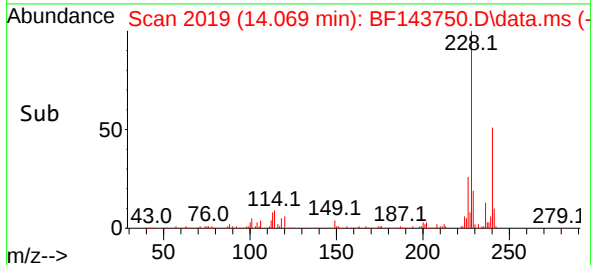
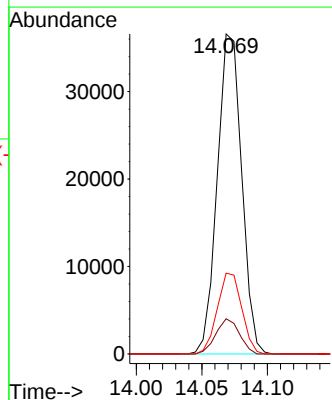
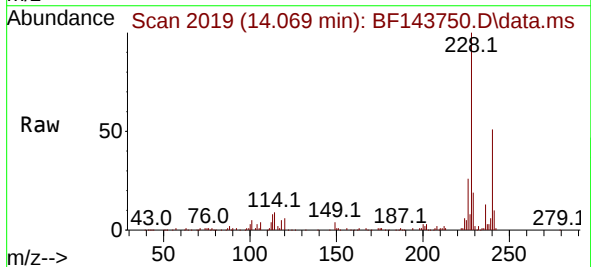
Instrument :
BNA_F
ClientSampleId :
PB169679BS

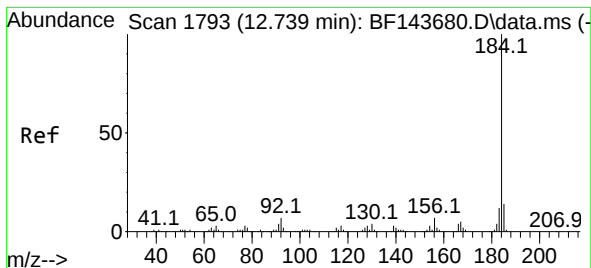
Tgt Ion:202 Resp: 207188
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.5
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:240 Resp: 47336
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 25.2 18.6 28.0





#77

Benzidine

Concen: 47.281 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

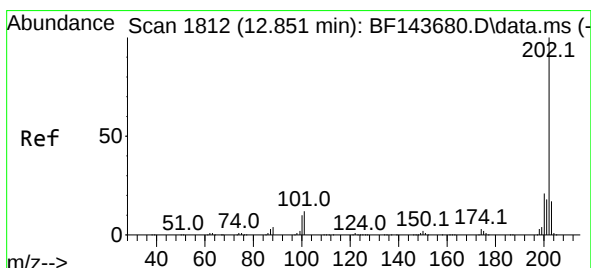
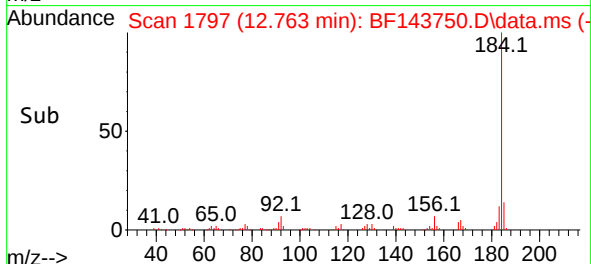
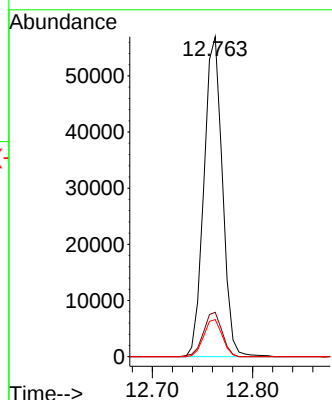
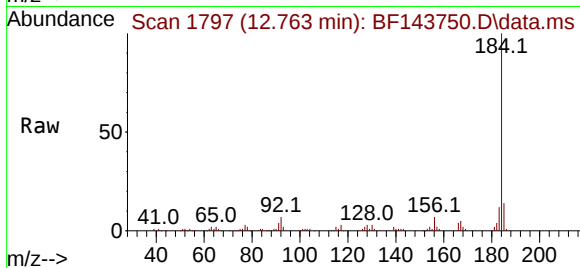
Tgt Ion:184 Resp: 72984

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.6 9.4 14.2



#78

Pyrene

Concen: 53.927 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.023 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

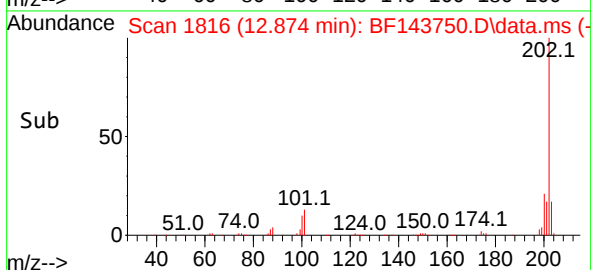
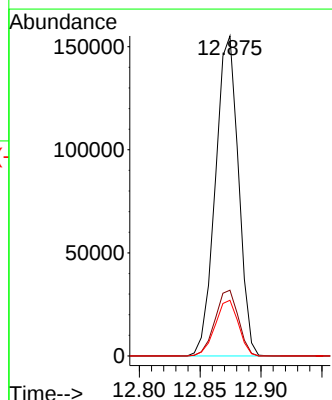
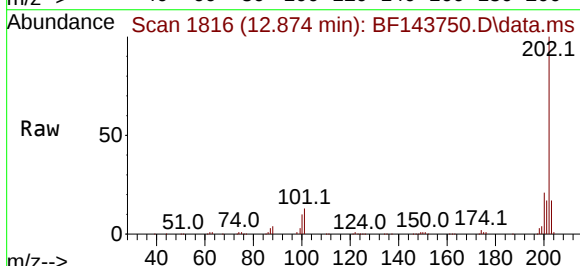
Tgt Ion:202 Resp: 204099

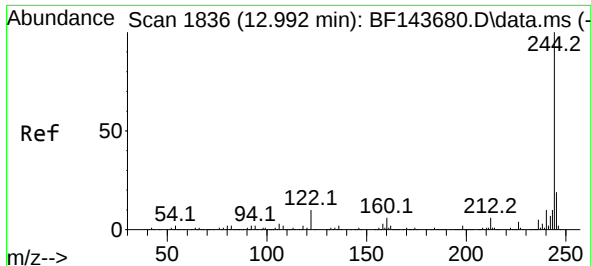
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 17.4 13.5 20.3

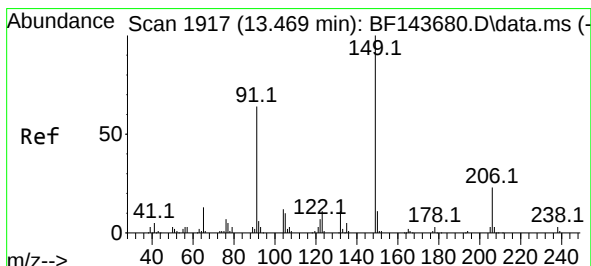
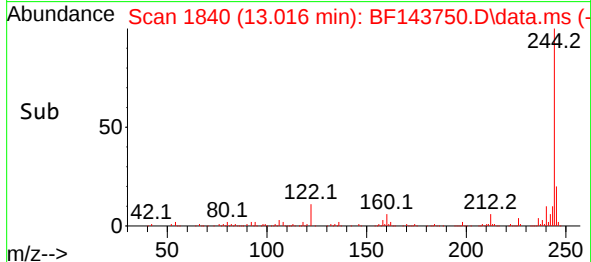
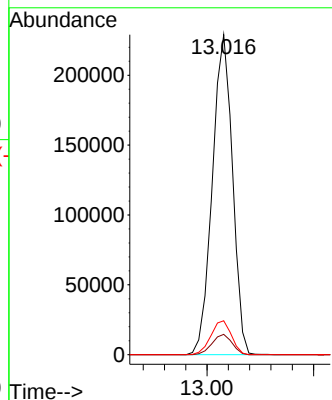
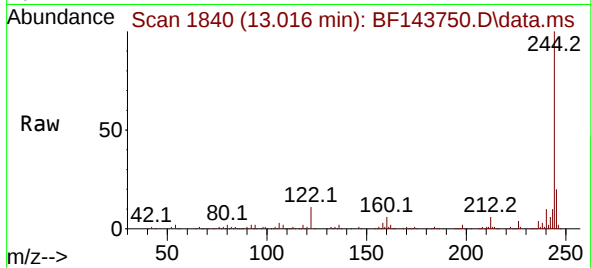




#79
 Terphenyl-d14
 Concen: 103.030 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.023 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

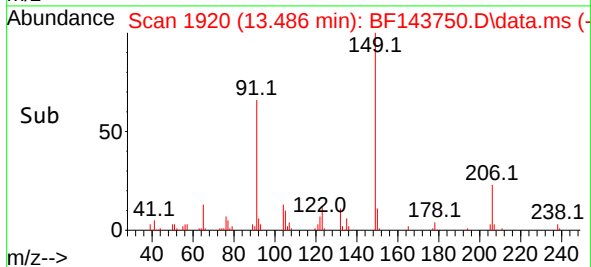
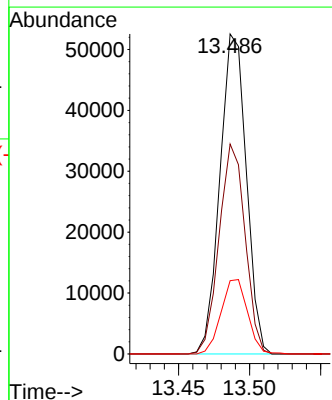
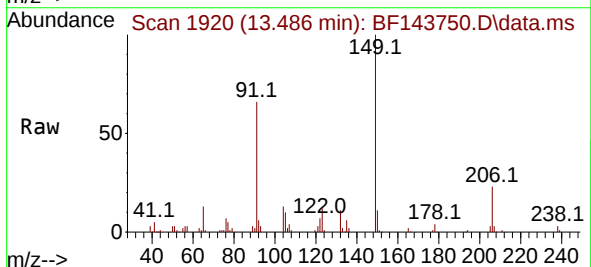
Instrument :
 BNA_F
 ClientSampleId :
 PB169679BS

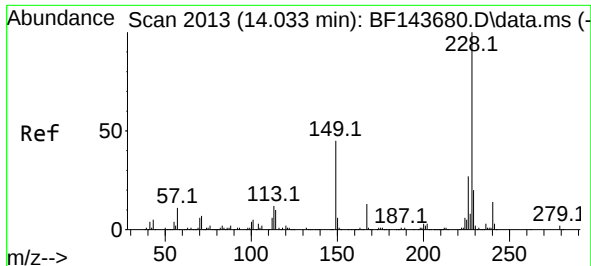
Tgt Ion:244 Resp: 300955
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 57.231 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.018 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

Tgt Ion:149 Resp: 67866
 Ion Ratio Lower Upper
 149 100
 91 65.6 50.9 76.3
 206 22.9 18.2 27.2

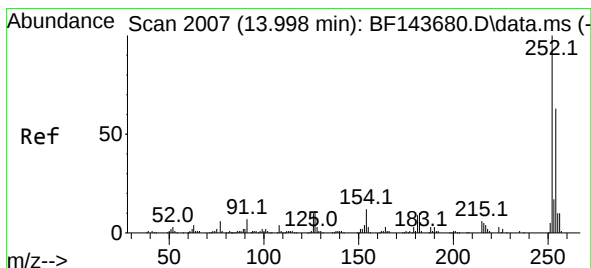
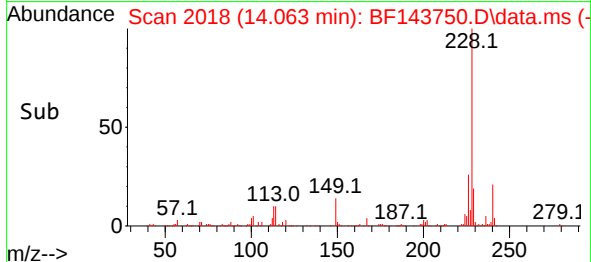
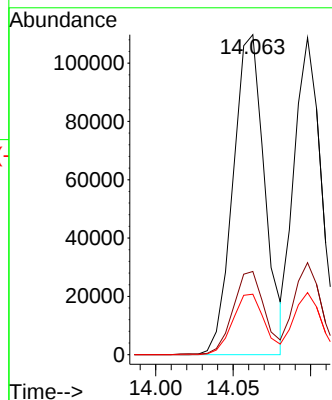
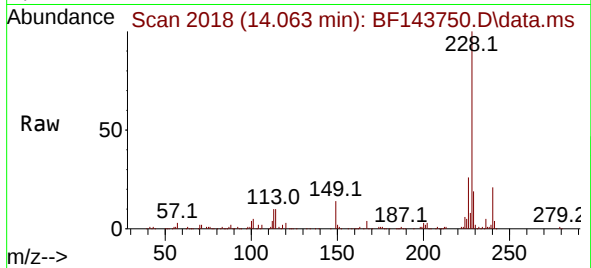




#81
Benzo(a)anthracene
Concen: 51.063 ng
RT: 14.063 min Scan# 2011
Delta R.T. 0.029 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

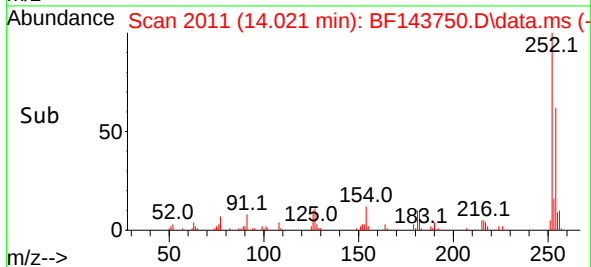
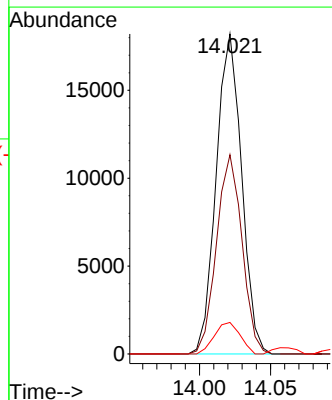
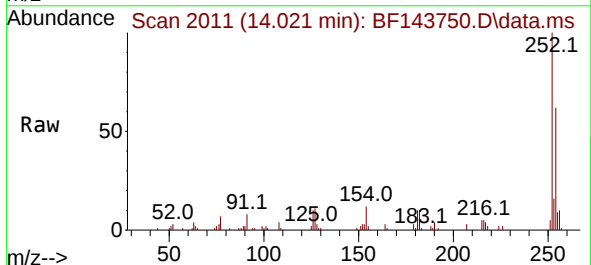
Instrument :
BNA_F
ClientSampleId :
PB169679BS

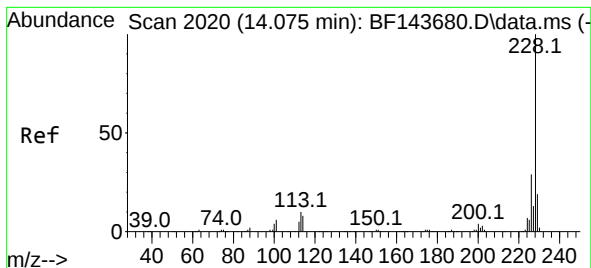
Tgt Ion:228 Resp: 155504
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 18.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 24.195 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.023 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:252 Resp: 22668
Ion Ratio Lower Upper
252 100
254 62.2 50.5 75.7
126 9.9 8.2 12.4





#83

Chrysene

Concen: 47.013 ng

RT: 14.098 min Scan# 2016

Delta R.T. 0.023 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

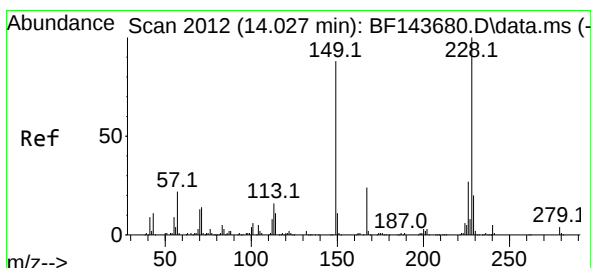
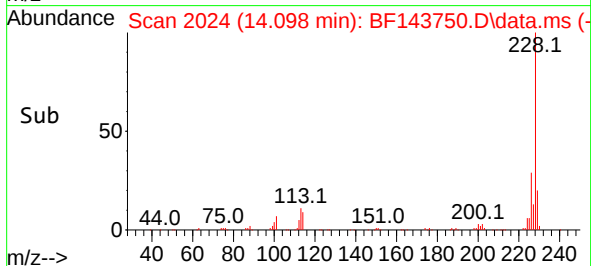
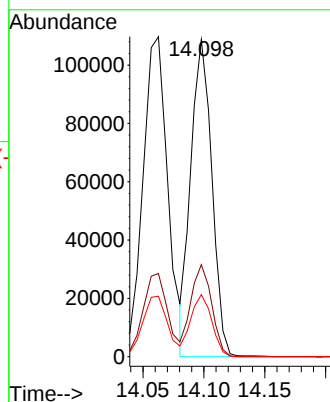
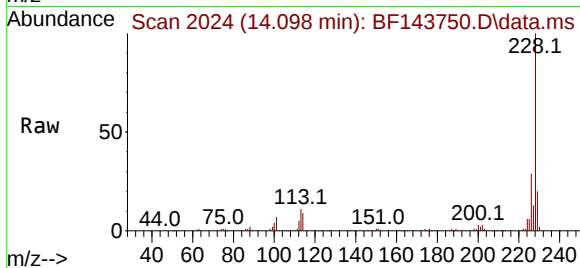
Tgt Ion:228 Resp: 131126

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

229 19.6 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.123 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.023 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

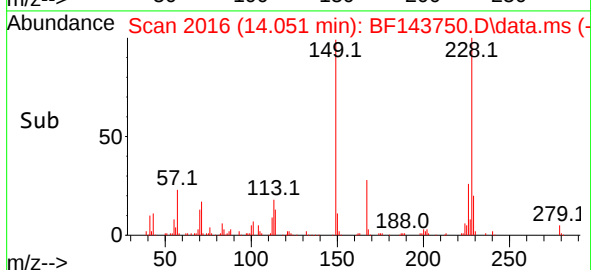
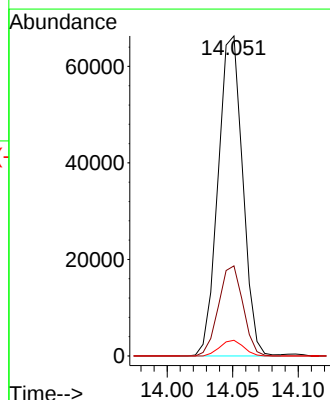
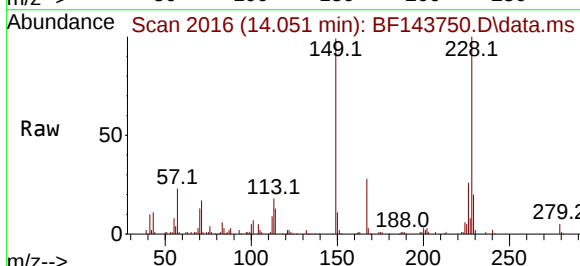
Tgt Ion:149 Resp: 86498

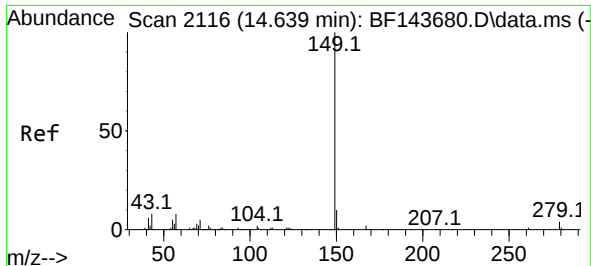
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.9 3.5 5.3

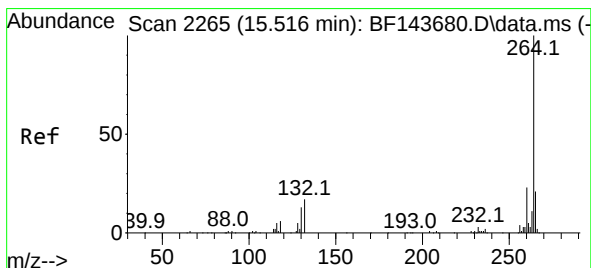
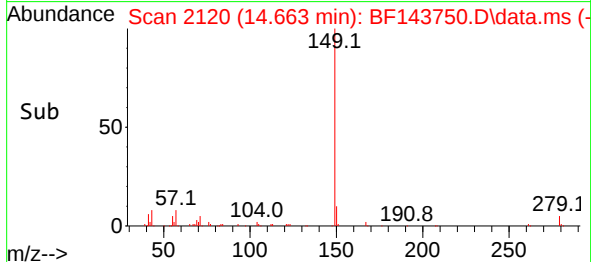
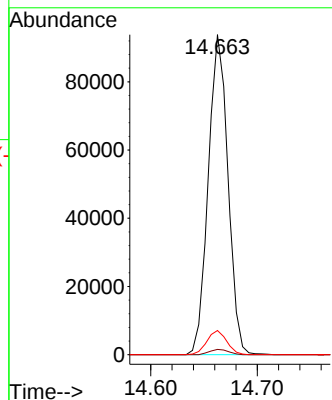
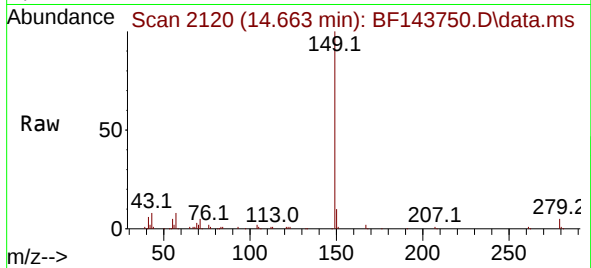




#85
Di-n-octyl phthalate
Concen: 39.848 ng
RT: 14.663 min Scan# 2116
Delta R.T. 0.023 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

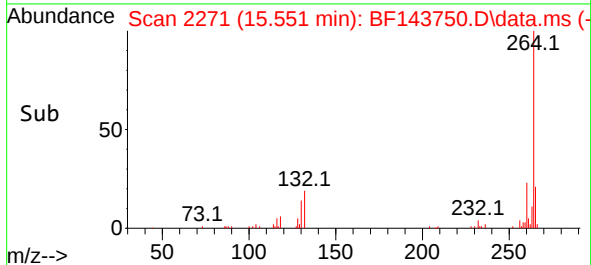
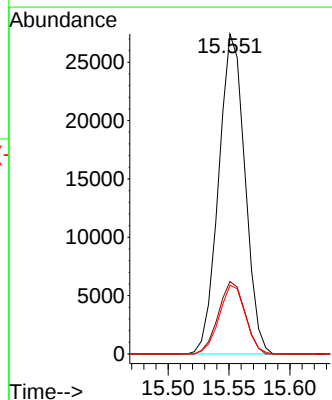
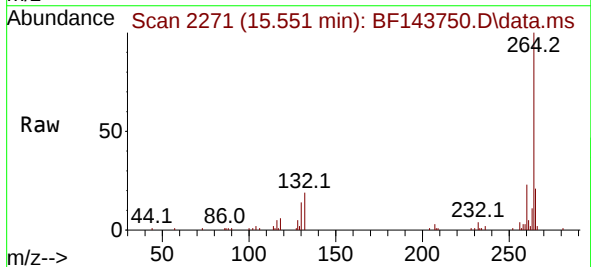
Instrument :
BNA_F
ClientSampleId :
PB169679BS

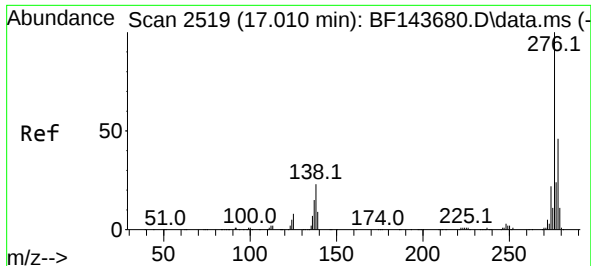
Tgt Ion:149 Resp: 120819
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.035 min
Lab File: BF143750.D
Acq: 15 Sep 2025 13:49

Tgt Ion:264 Resp: 41156
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.5 17.1 25.7

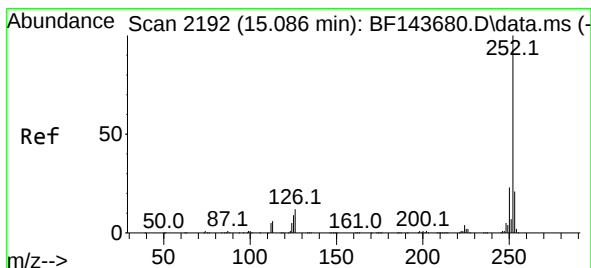
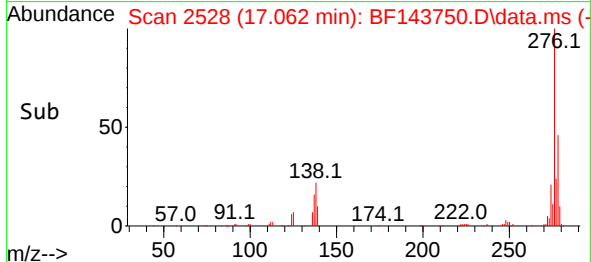
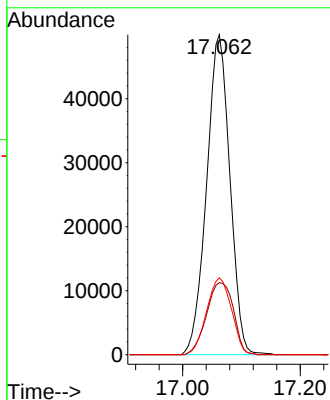
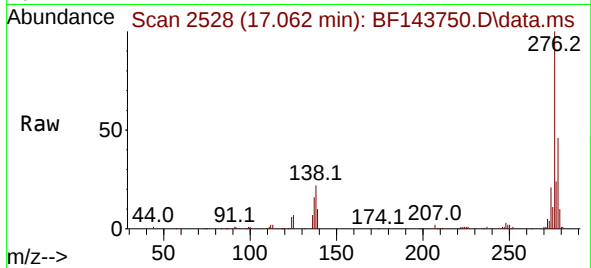




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.971 ng
 RT: 17.062 min Scan# 2197
 Delta R.T. 0.053 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

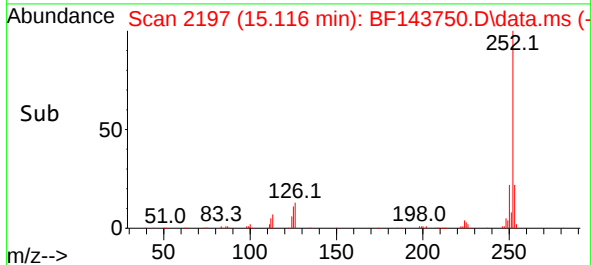
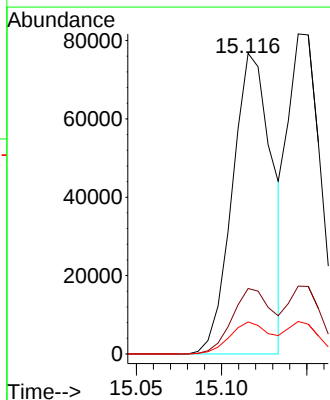
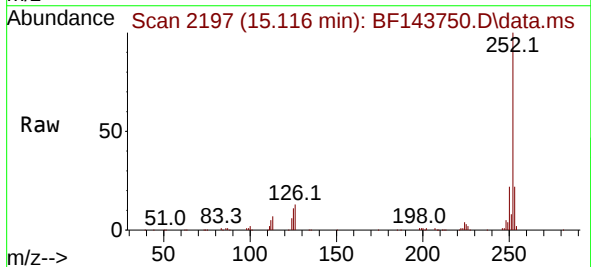
Instrument :
 BNA_F
 ClientSampleId :
 PB169679BS

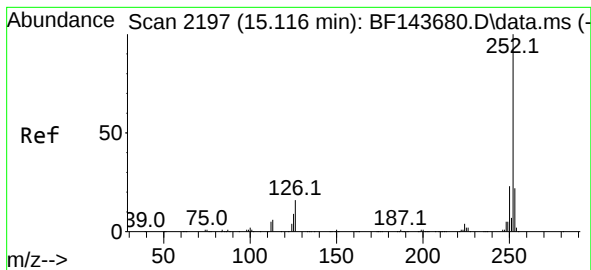
Tgt Ion:276 Resp: 137552
 Ion Ratio Lower Upper
 276 100
 138 26.0 19.7 29.5
 277 25.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.735 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. 0.029 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

Tgt Ion:252 Resp: 124297
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.4
 125 10.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.049 ng

RT: 15.145 min Scan# 2197

Delta R.T. 0.029 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB169679BS

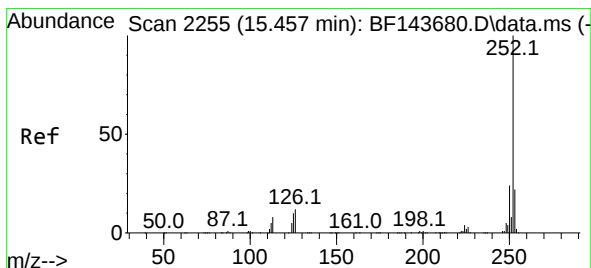
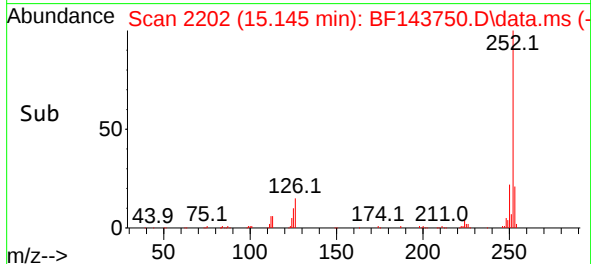
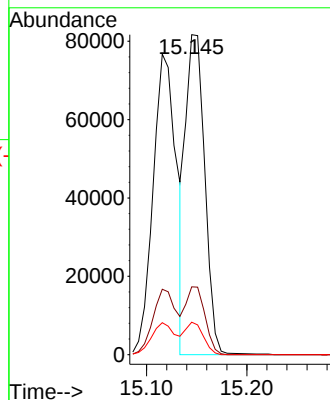
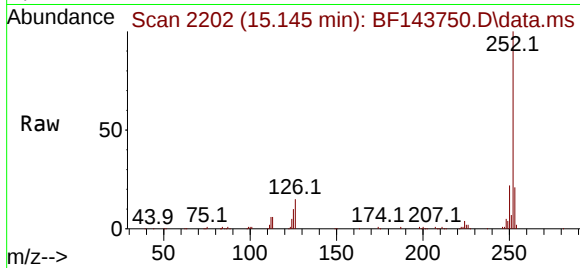
Tgt Ion:252 Resp: 108452

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 10.2 7.3 10.9



#90

Benzo(a)pyrene

Concen: 50.942 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.035 min

Lab File: BF143750.D

Acq: 15 Sep 2025 13:49

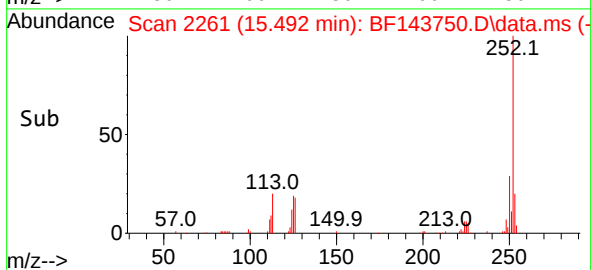
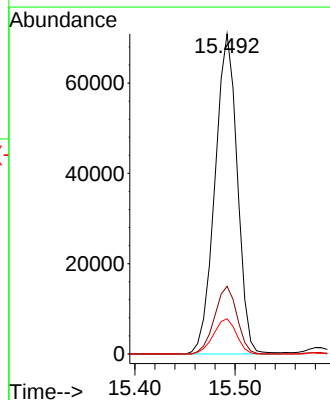
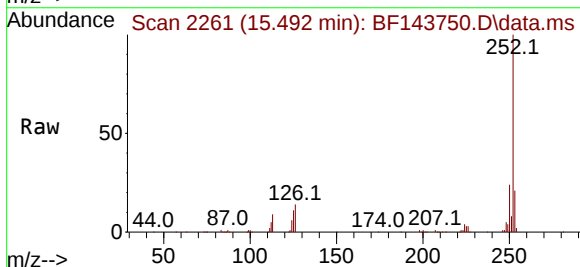
Tgt Ion:252 Resp: 109644

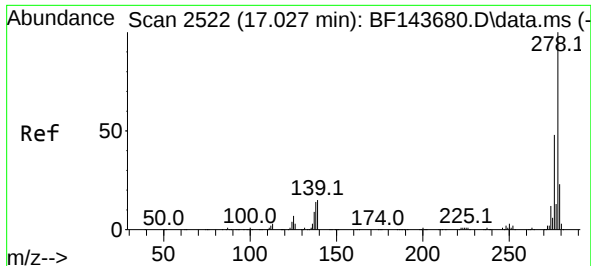
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 11.0 8.2 12.4

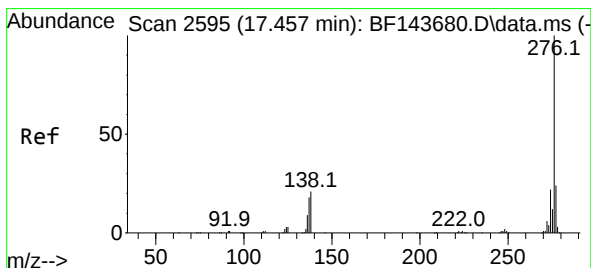
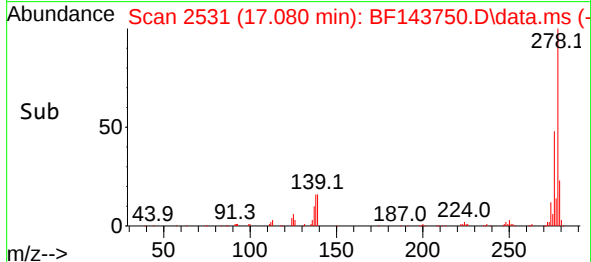
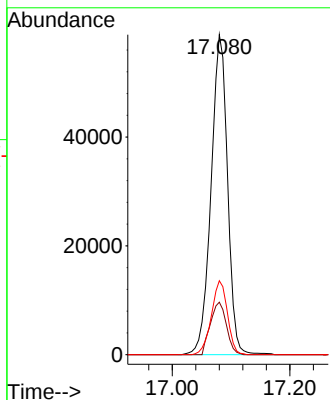
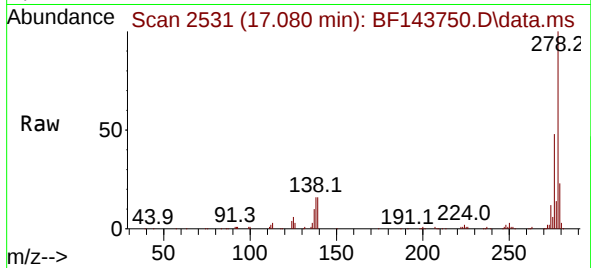




#91
 Dibenzo(a,h)anthracene
 Concen: 49.115 ng
 RT: 17.080 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB169679BS

Tgt Ion:278 Resp: 114457
 Ion Ratio Lower Upper
 278 100
 139 16.4 12.2 18.4
 279 23.1 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 50.521 ng
 RT: 17.515 min Scan# 2605
 Delta R.T. 0.059 min
 Lab File: BF143750.D
 Acq: 15 Sep 2025 13:49

Tgt Ion:276 Resp: 110123
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.2 28.8
 138 22.9 17.0 25.4

