

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143857.D
 Acq On : 02 Oct 2025 16:09
 Operator : RC/JU
 Sample : PB169956BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169956BS

Quant Time: Oct 02 16:41:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	109719	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	402920	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195705	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	294854	20.000	ng	0.00
76) Chrysene-d12	14.057	240	323376	20.000	ng	0.00
86) Perylene-d12	15.533	264	496443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	801625	118.703	ng	0.00
7) Phenol-d6	6.510	99	915701	117.354	ng	0.00
23) Nitrobenzene-d5	7.445	82	582625	88.512	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299576	103.383	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1106220	88.207	ng	0.00
79) Terphenyl-d14	12.998	244	1440393	90.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	132846	41.099	ng	95
3) Pyridine	3.481	79	359652	41.220	ng	93
4) n-Nitrosodimethylamine	3.422	42	197313	45.100	ng	90
6) Aniline	6.545	93	337453	29.797	ng	100
8) 2-Chlorophenol	6.669	128	316227	45.741	ng	99
9) Benzaldehyde	6.434	77	190960	27.946	ng	98
10) Phenol	6.522	94	402286	44.355	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	319824	44.985	ng	98
12) 1,3-Dichlorobenzene	6.828	146	371801	46.319	ng	98
13) 1,4-Dichlorobenzene	6.904	146	380413	47.488	ng	99
14) 1,2-Dichlorobenzene	7.057	146	359469	47.380	ng	99
15) Benzyl Alcohol	7.022	79	271871	48.221	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	685292	40.650	ng	96
17) 2-Methylphenol	7.134	107	245812	45.926	ng	99
18) Hexachloroethane	7.398	117	128551	45.631	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	223742	44.591	ng	93
20) 3+4-Methylphenols	7.281	107	289661	44.439	ng	93
22) Acetophenone	7.292	105	451447	51.013	ng	95
24) Nitrobenzene	7.463	77	340187	46.626	ng	97
25) Isophorone	7.704	82	592302	46.176	ng	99
26) 2-Nitrophenol	7.781	139	157589	52.350	ng	94
27) 2,4-Dimethylphenol	7.816	122	277701	48.437	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	371410	44.568	ng	99
29) 2,4-Dichlorophenol	8.022	162	256597	45.486	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	290845	49.680	ng	99
31) Naphthalene	8.192	128	875157	45.372	ng	100
32) Benzoic acid	7.910	122	162818	58.861	ng	97
33) 4-Chloroaniline	8.234	127	118971	17.552	ng	98
34) Hexachlorobutadiene	8.304	225	208827	47.849	ng	99
35) Caprolactam	8.592	113	71570	49.636	ng	# 89
36) 4-Chloro-3-methylphenol	8.710	107	240567	45.469	ng	99
37) 2-Methylnaphthalene	8.881	142	516653	42.007	ng	100
38) 1-Methylnaphthalene	8.981	142	527763	44.831	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	307921	52.137	ng	99
41) Hexachlorocyclopentadiene	9.034	237	441595	117.977	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	180169	48.719	ng	99

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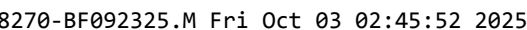
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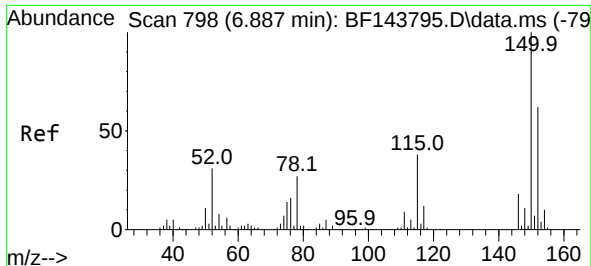
Quant Time: Oct 02 16:41:06 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186391	48.185	ng	99
46) 1,1'-Biphenyl	9.345	154	721349	50.919	ng	99
47) 2-Chloronaphthalene	9.369	162	521322	45.717	ng	99
48) 2-Nitroaniline	9.463	65	184042	53.399	ng	98
49) Acenaphthylene	9.786	152	826787	52.667	ng	100
50) Dimethylphthalate	9.639	163	564015	47.284	ng	99
51) 2,6-Dinitrotoluene	9.704	165	118422	60.425	ng	95
52) Acenaphthene	9.957	154	505635	48.945	ng	99
53) 3-Nitroaniline	9.869	138	67052	28.226	ng	99
54) 2,4-Dinitrophenol	9.980	184	84676	92.100	ng	# 19
55) Dibenzofuran	10.128	168	679276	46.499	ng	100
56) 4-Nitrophenol	10.028	139	172233	89.973	ng	93
57) 2,4-Dinitrotoluene	10.104	165	153898	52.607	ng	97
58) Fluorene	10.475	166	506026	46.595	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	181939	54.904	ng	97
60) Diethylphthalate	10.345	149	514847	46.109	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	259018	46.809	ng	99
62) 4-Nitroaniline	10.486	138	114089	51.078	ng	98
63) Azobenzene	10.628	77	536162	45.562	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	63784	56.262	ng	84
66) n-Nitrosodiphenylamine	10.580	169	474410	48.924	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	252511	50.253	ng	98
68) Hexachlorobenzene	11.022	284	343748	49.641	ng	99
69) Atrazine	11.110	200	142165	50.628	ng	97
70) Pentachlorophenol	11.216	266	351070	101.850	ng	99
71) Phenanthrene	11.439	178	722521	47.730	ng	100
72) Anthracene	11.486	178	740051	48.738	ng	99
73) Carbazole	11.639	167	642061	48.362	ng	99
74) Di-n-butylphthalate	11.974	149	722891	47.345	ng	100
75) Fluoranthene	12.627	202	741416	48.697	ng	99
77) Benzidine	12.751	184	211796	26.878	ng	98
78) Pyrene	12.857	202	759342	47.762	ng	100
80) Butylbenzylphthalate	13.474	149	285751	51.951	ng	96
81) Benzo(a)anthracene	14.045	228	831979	47.891	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	202170	26.863	ng	100
83) Chrysene	14.080	228	793420	50.473	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	378375	46.931	ng	98
85) Di-n-octyl phthalate	14.651	149	679250	46.445	ng	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	1883767	50.011	ng	99
88) Benzo(b)fluoranthene	15.104	252	1256120	49.686	ng	100
89) Benzo(k)fluoranthene	15.133	252	1197398	47.143	ng	100
90) Benzo(a)pyrene	15.474	252	1212912	51.040	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1525124	49.504	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1562075	52.598	ng	99

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

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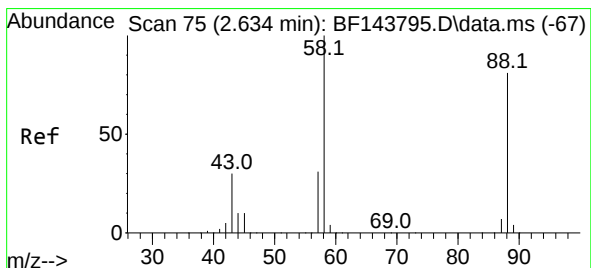
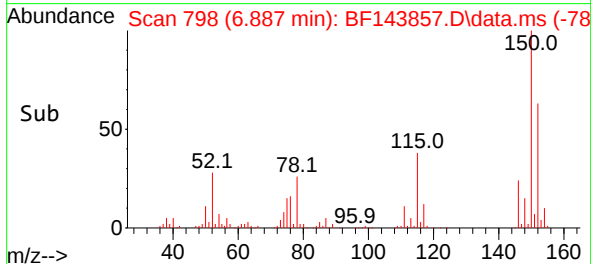
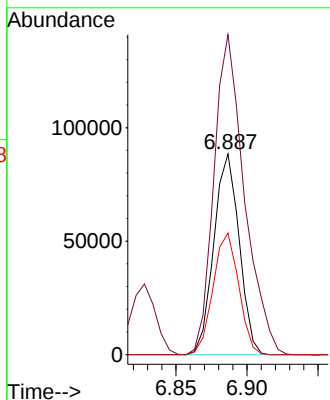
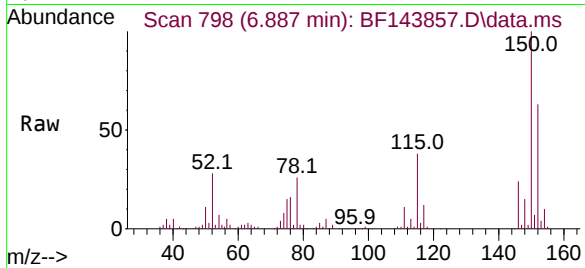




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

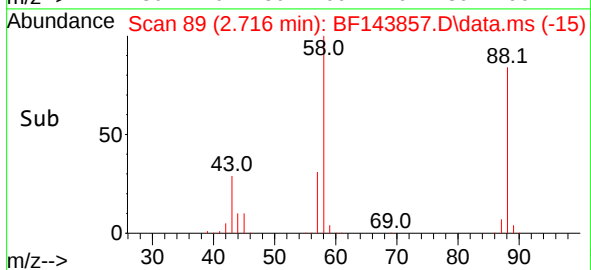
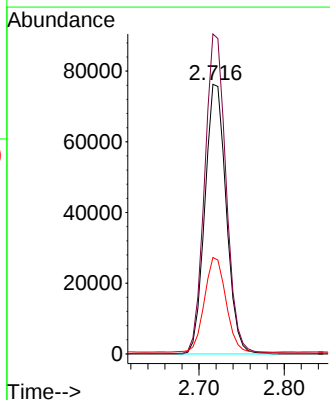
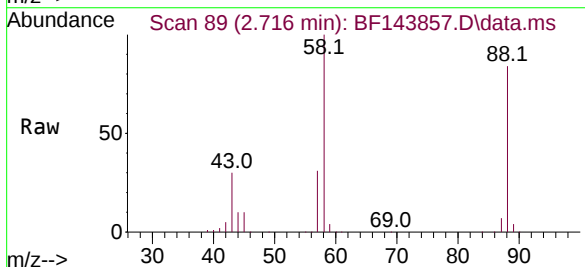
Instrument :
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PB169956BS

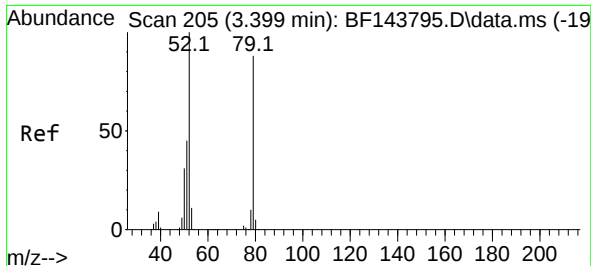
Tgt Ion:152 Resp: 109719
Ion Ratio Lower Upper
152 100
150 159.4 129.6 194.4
115 60.6 49.0 73.4



#2
1,4-Dioxane
Concen: 41.099 ng
RT: 2.716 min Scan# 89
Delta R.T. 0.082 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 88 Resp: 132846
Ion Ratio Lower Upper
88 100
58 118.2 99.4 149.2
43 35.4 30.6 45.8





#3

Pyridine

Concen: 41.220 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

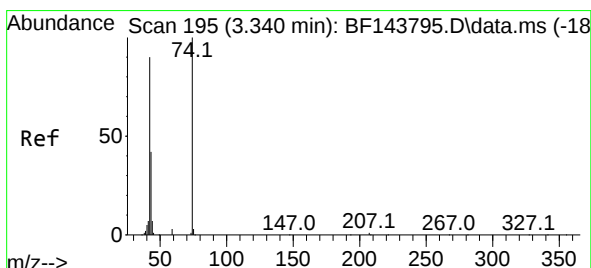
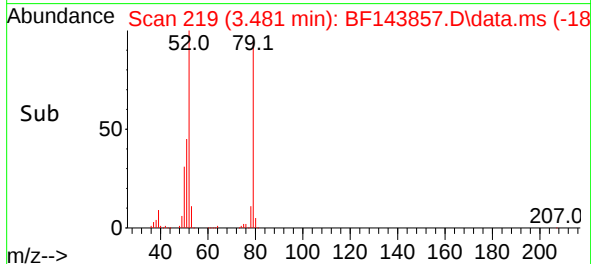
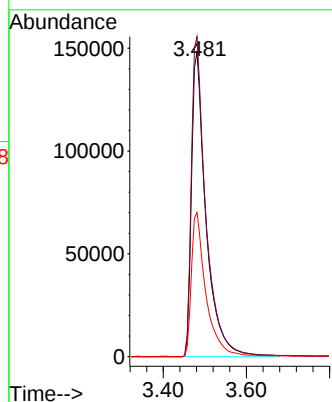
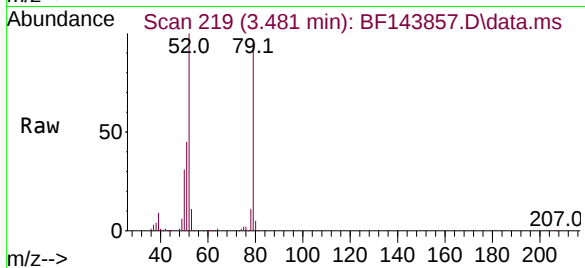
Tgt Ion: 79 Resp: 359652

Ion Ratio Lower Upper

79 100

52 105.1 90.5 135.7

51 47.3 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 45.100 ng

RT: 3.422 min Scan# 209

Delta R.T. 0.065 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

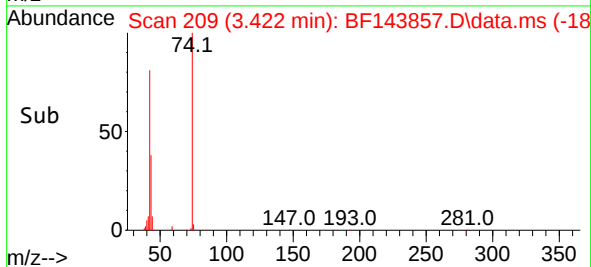
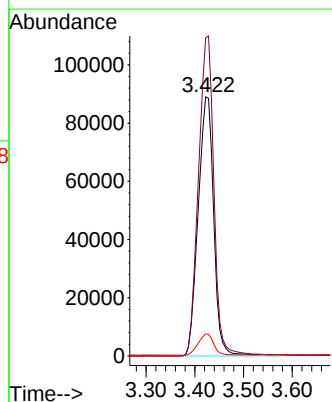
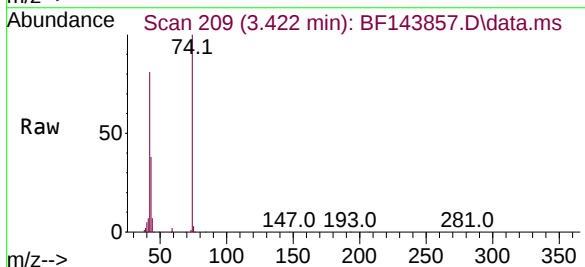
Tgt Ion: 42 Resp: 197313

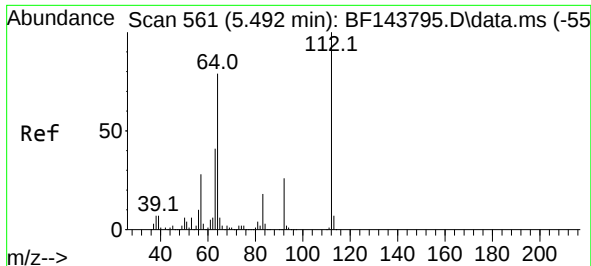
Ion Ratio Lower Upper

42 100

74 122.7 89.1 133.7

44 8.5 6.4 9.6

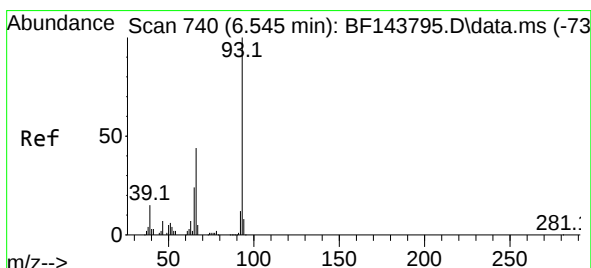
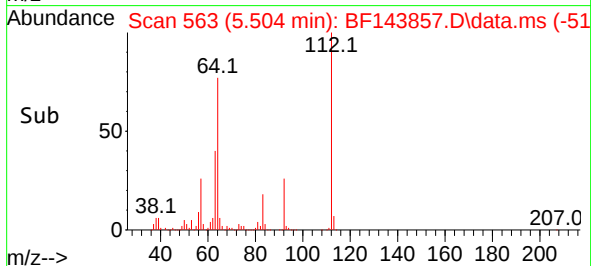
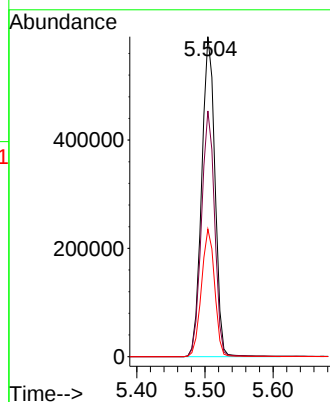
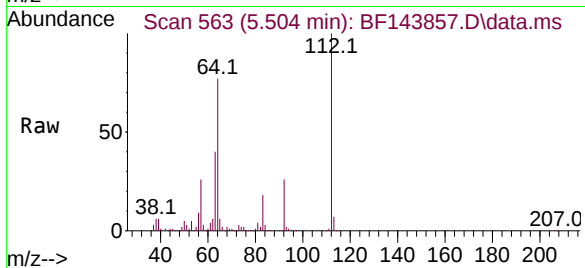




#5
2-Fluorophenol
Concen: 118.703 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

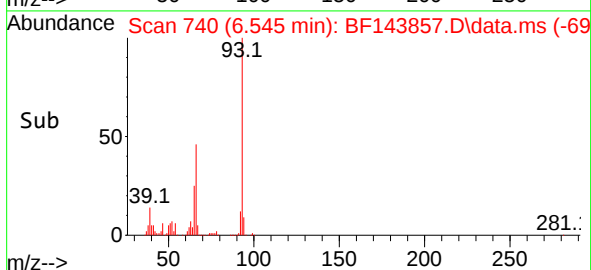
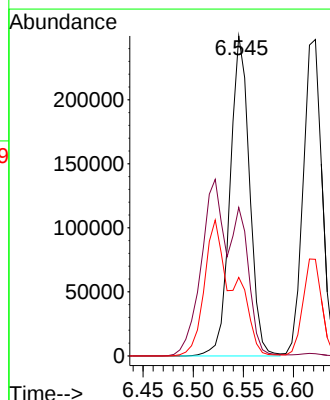
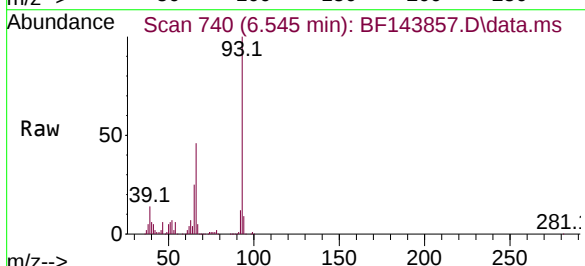
Instrument :
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ClientSampleId :
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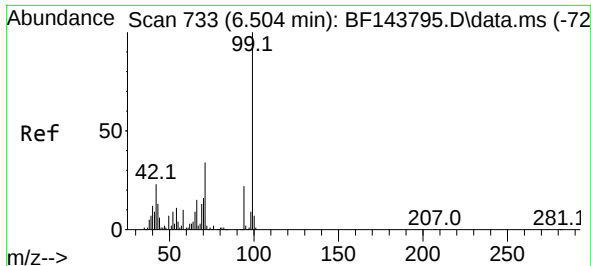
Tgt Ion:112 Resp: 801625
Ion Ratio Lower Upper
112 100
64 76.8 63.0 94.4
63 39.9 32.6 49.0



#6
Aniline
Concen: 29.797 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 93 Resp: 337453
Ion Ratio Lower Upper
93 100
66 46.4 37.1 55.7
65 24.5 19.4 29.0

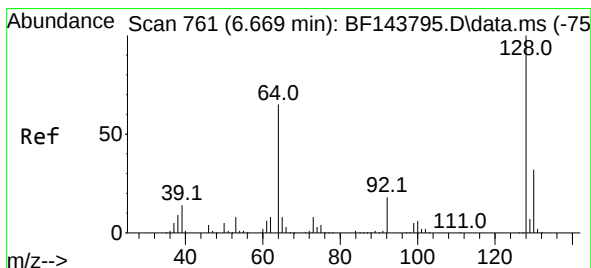
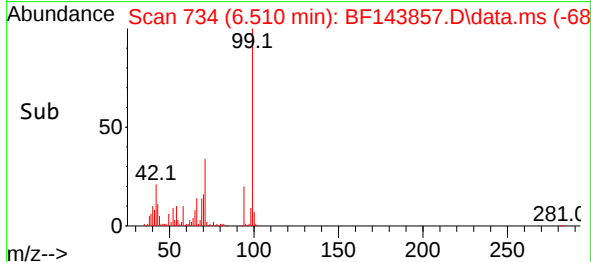
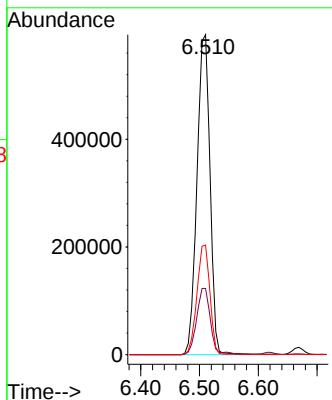
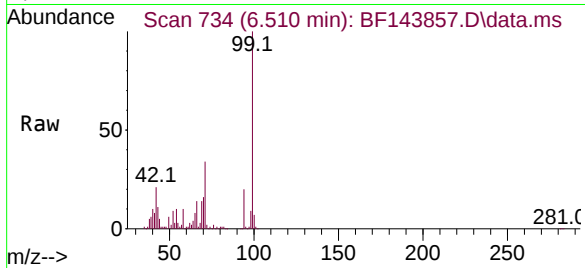




#7
Phenol-d6
Concen: 117.354 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

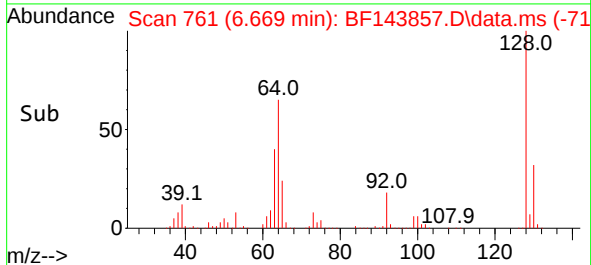
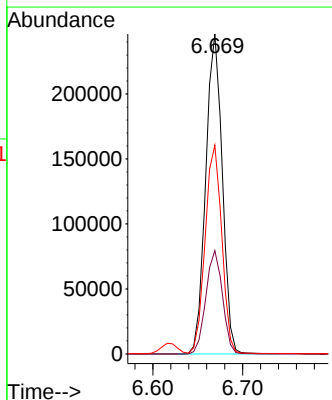
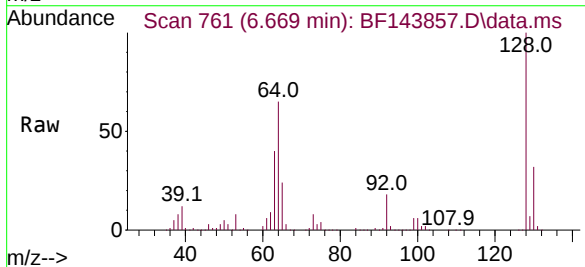
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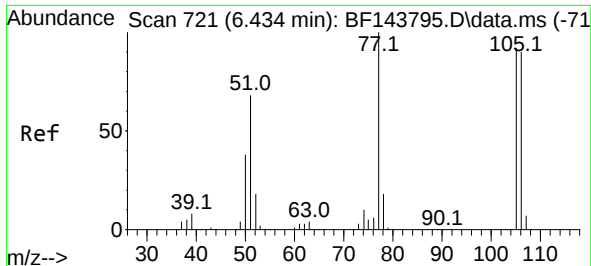
Tgt Ion: 99 Resp: 915701
Ion Ratio Lower Upper
99 100
42 20.7 18.6 28.0
71 34.2 27.0 40.4



#8
2-Chlorophenol
Concen: 45.741 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 128 Resp: 316227
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 65.2 46.5 86.5

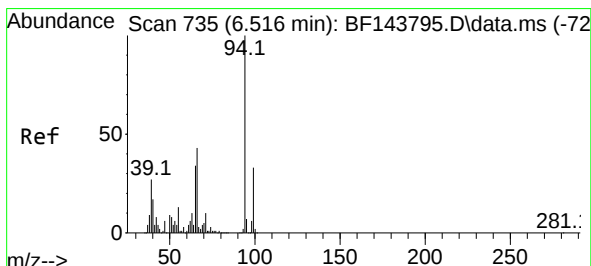
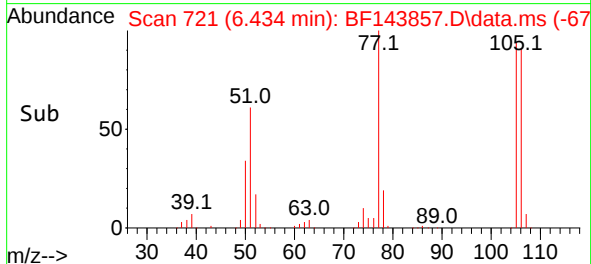
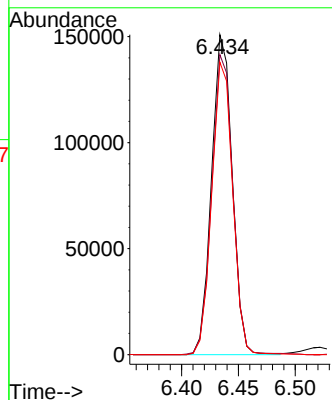
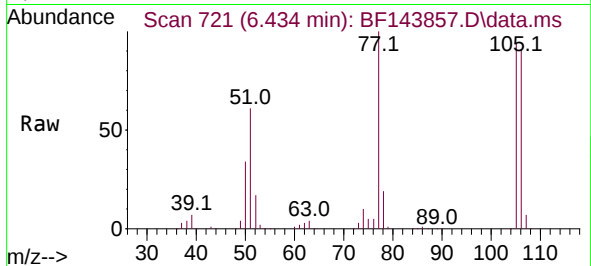




#9
Benzaldehyde
Concen: 27.946 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

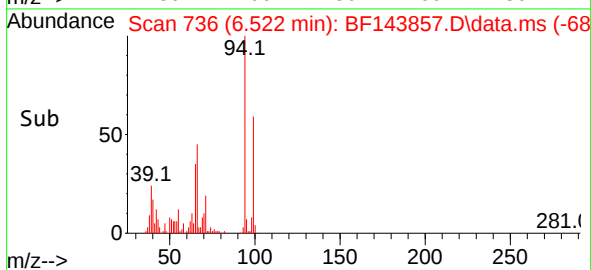
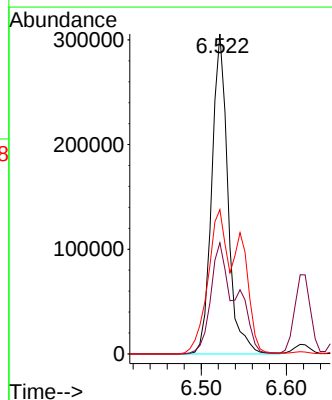
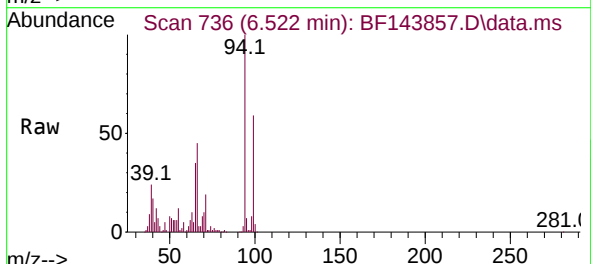
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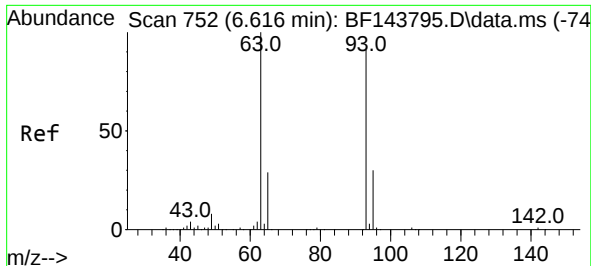
Tgt Ion: 77 Resp: 190960
Ion Ratio Lower Upper
77 100
105 93.7 71.8 111.8
106 91.4 69.8 109.8



#10
Phenol
Concen: 44.355 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 94 Resp: 402286
Ion Ratio Lower Upper
94 100
65 34.7 14.2 54.2
66 45.1 24.1 64.1

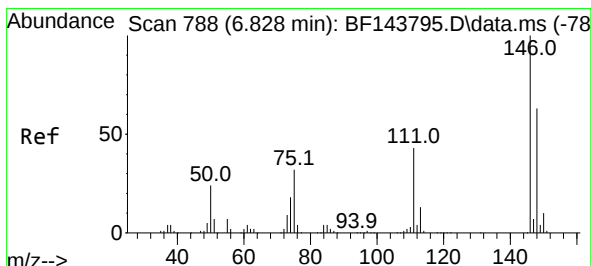
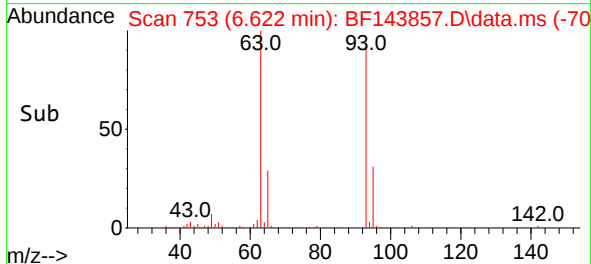
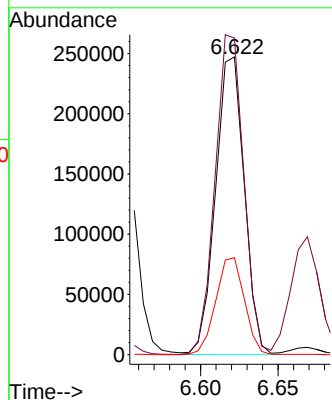
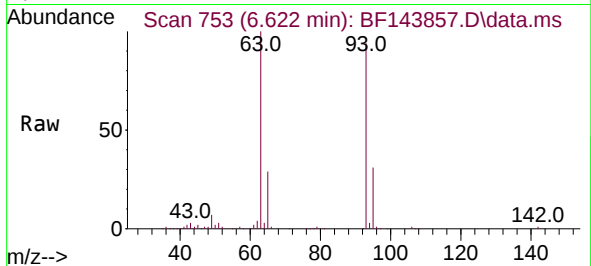




#11
bis(2-Chloroethyl)ether
Concen: 44.985 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

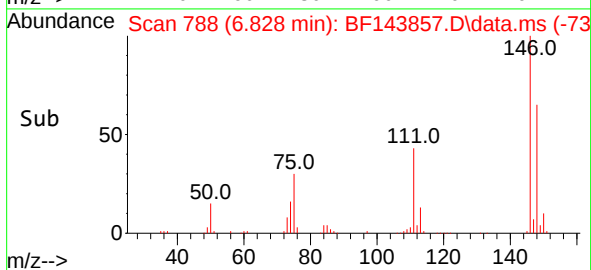
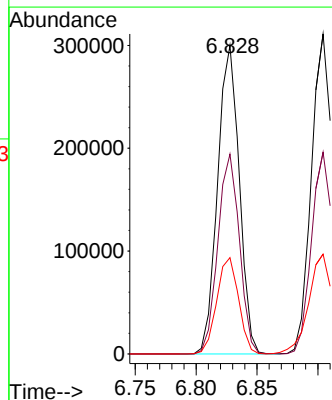
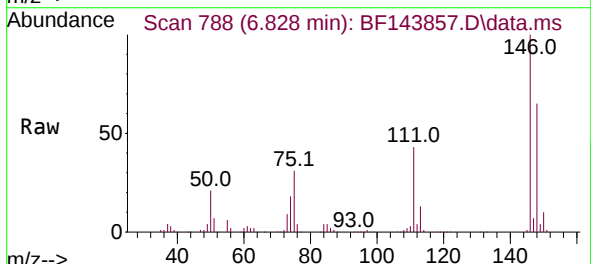
Instrument :
BNA_F
ClientSampleId :
PB169956BS

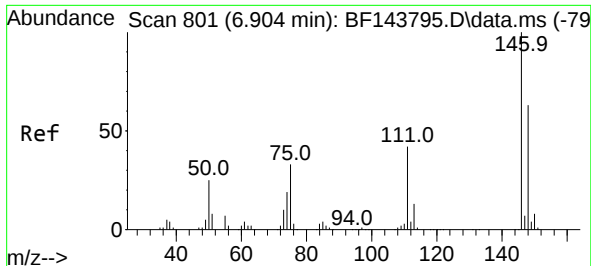
Tgt Ion: 93 Resp: 319824
Ion Ratio Lower Upper
93 100
63 106.3 89.2 129.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.319 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:146 Resp: 371801
Ion Ratio Lower Upper
146 100
148 64.8 50.4 75.6
75 31.2 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 47.488 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143857.D

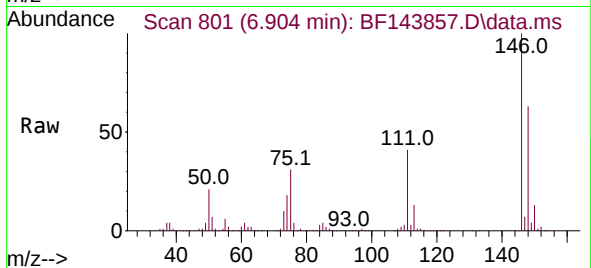
Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS



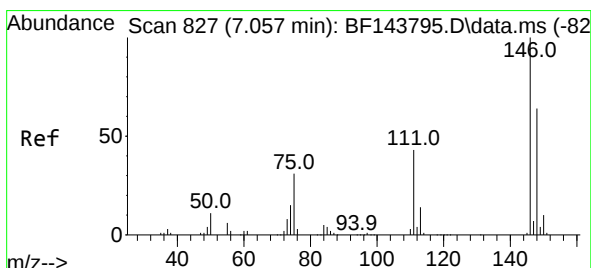
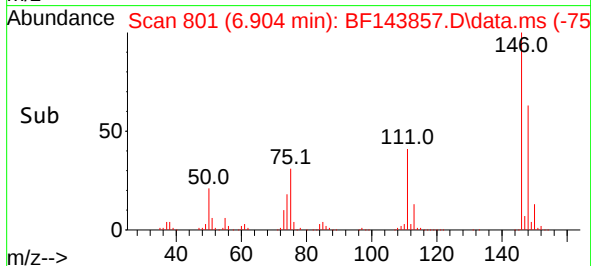
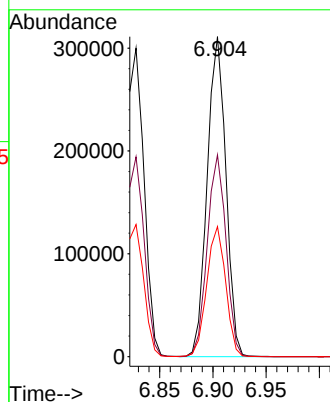
Tgt Ion:146 Resp: 380413

Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 40.6 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 47.380 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

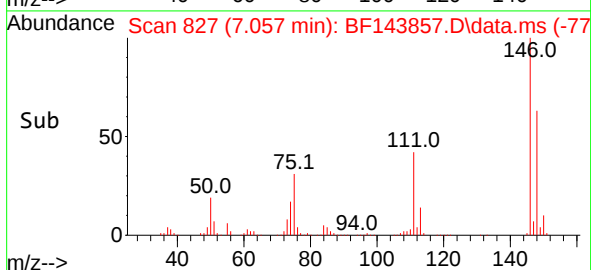
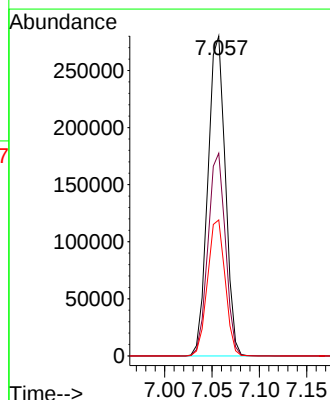
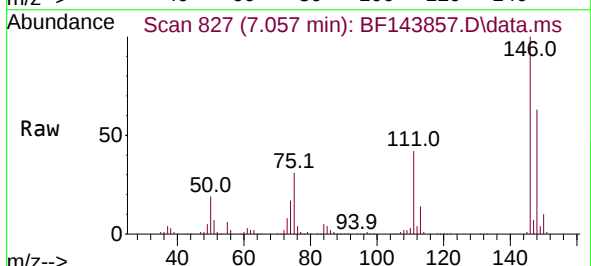
Tgt Ion:146 Resp: 359469

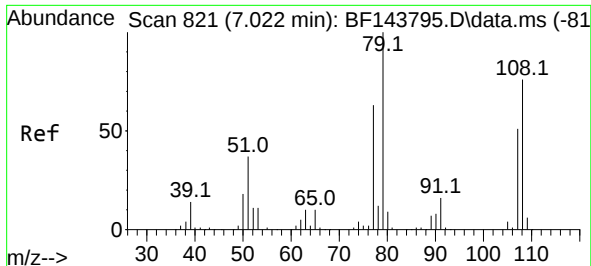
Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 42.5 34.3 51.5

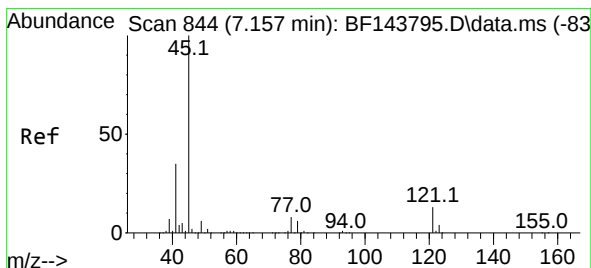
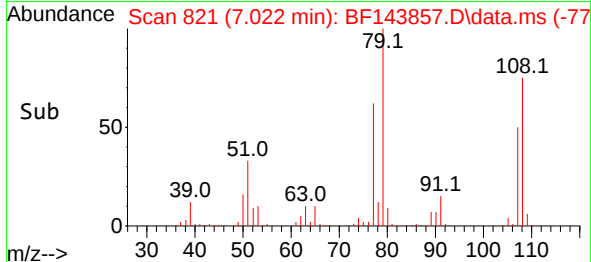
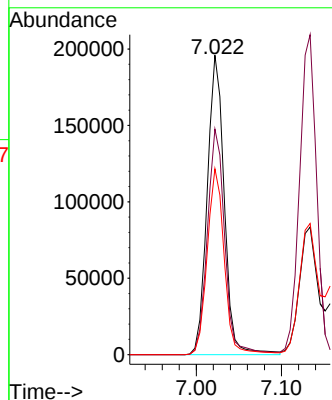
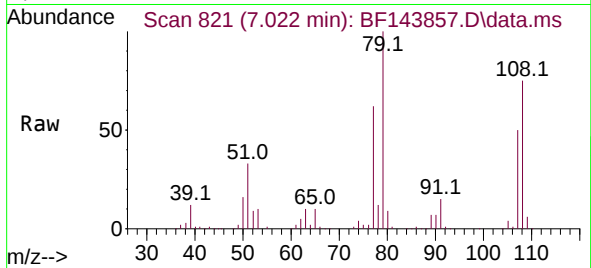




#15
Benzyl Alcohol
Concen: 48.221 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

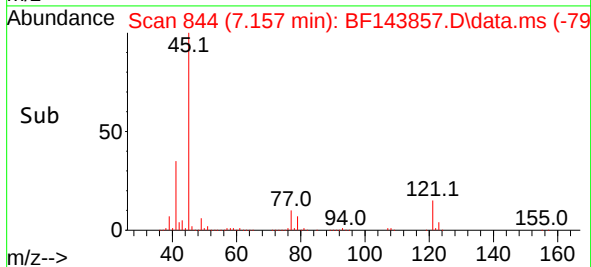
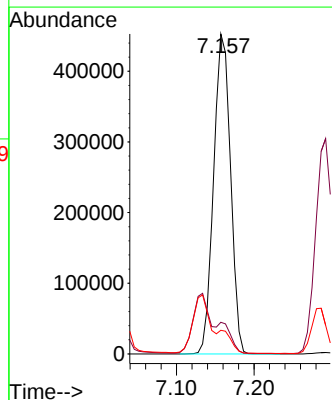
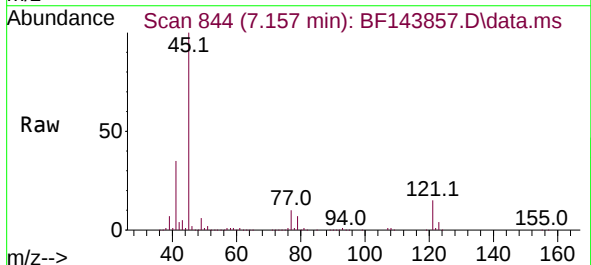
Instrument :
BNA_F
ClientSampleId :
PB169956BS

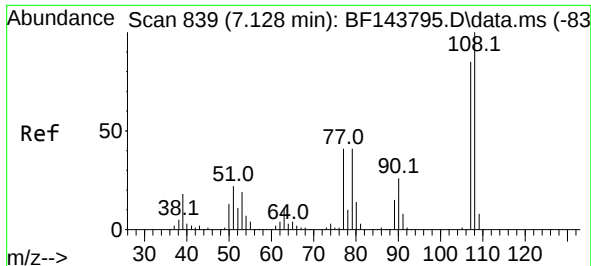
Tgt Ion: 79 Resp: 271871
Ion Ratio Lower Upper
79 100
108 75.3 60.5 90.7
77 62.1 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.650 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 45 Resp: 685292
Ion Ratio Lower Upper
45 100
77 9.9 0.0 28.5
79 7.4 0.0 26.3

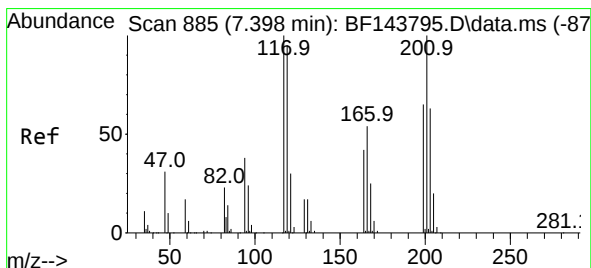
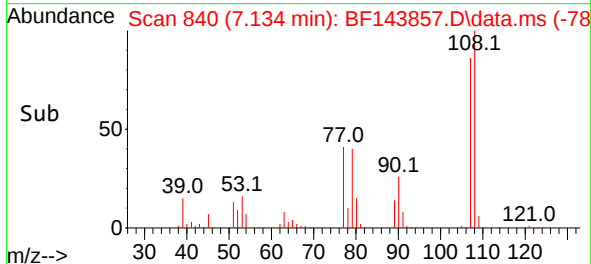
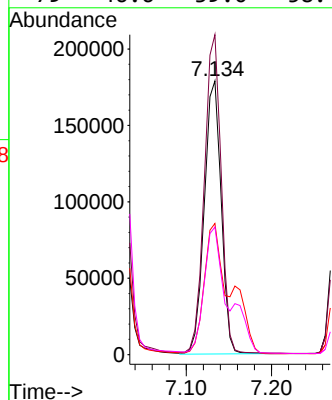
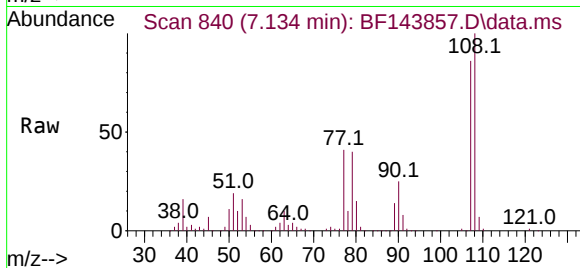




#17
2-Methylphenol
Concen: 45.926 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

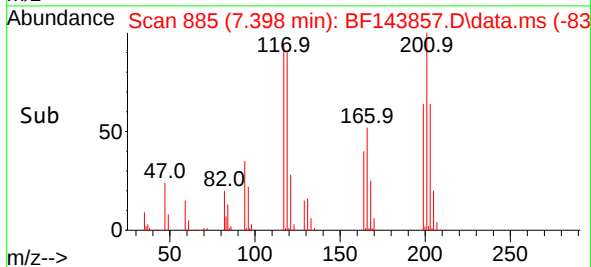
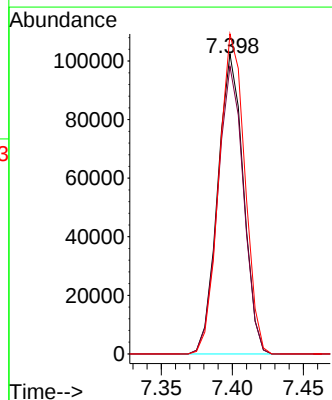
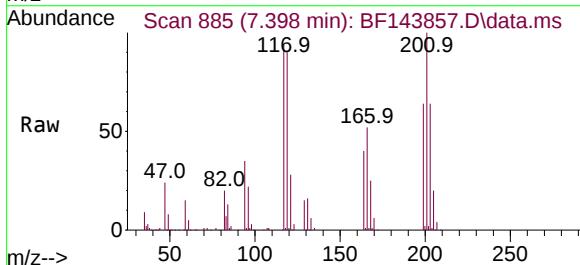
Instrument :
BNA_F
ClientSampleId :
PB169956BS

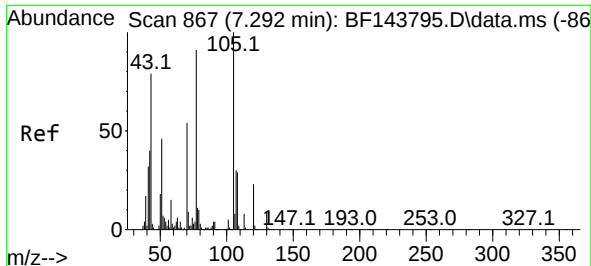
Tgt Ion:107 Resp: 245812
Ion Ratio Lower Upper
107 100
108 116.9 94.2 141.4
77 47.9 38.6 58.0
79 46.6 39.0 58.4



#18
Hexachloroethane
Concen: 45.631 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:117 Resp: 128551
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
201 106.7 79.7 119.5

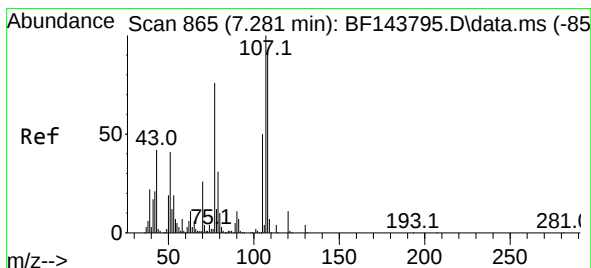
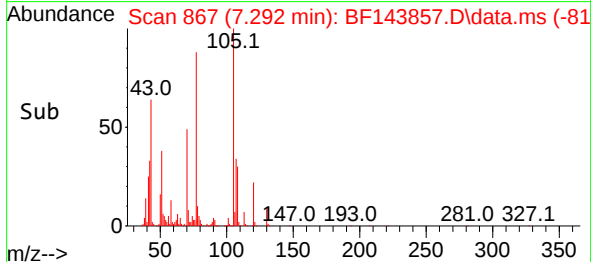
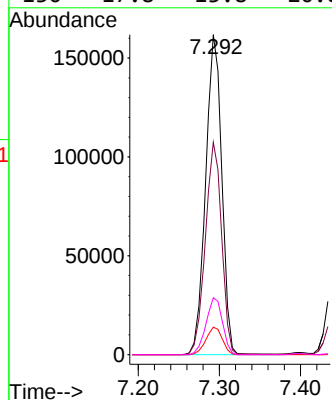
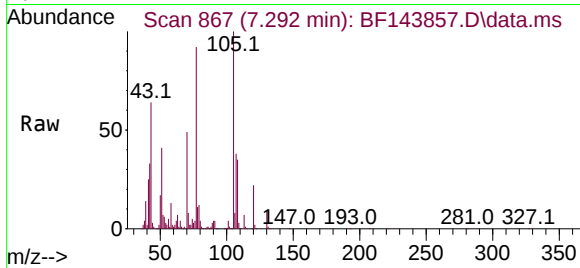




#19
n-Nitroso-di-n-propylamine
Concen: 44.591 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

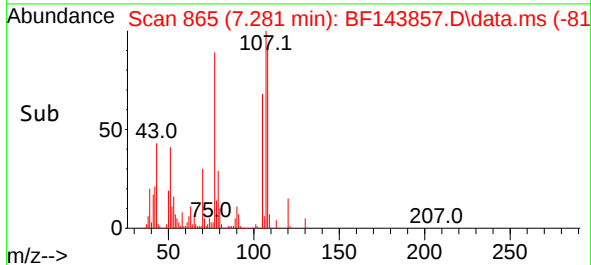
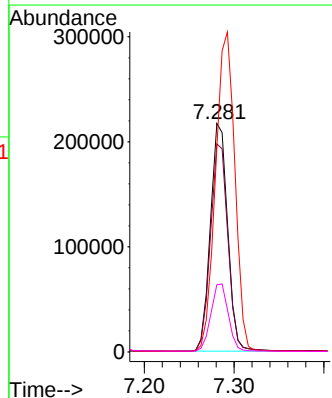
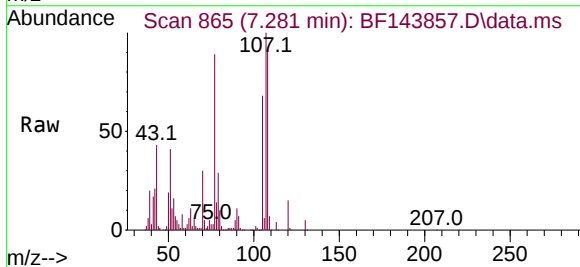
Instrument :
BNA_F
ClientSampleId :
PB169956BS

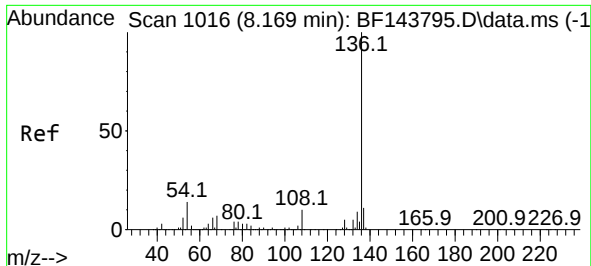
Tgt Ion: 70 Resp: 223742
Ion Ratio Lower Upper
70 100
42 66.4 59.4 89.0
101 8.6 7.1 10.7
130 17.8 13.8 20.8



#20
3+4-Methylphenols
Concen: 44.439 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 107 Resp: 289661
Ion Ratio Lower Upper
107 100
108 91.0 72.5 112.5
77 89.3 56.2 96.2
79 29.4 10.8 50.8



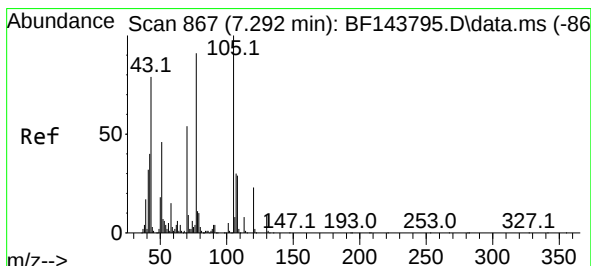
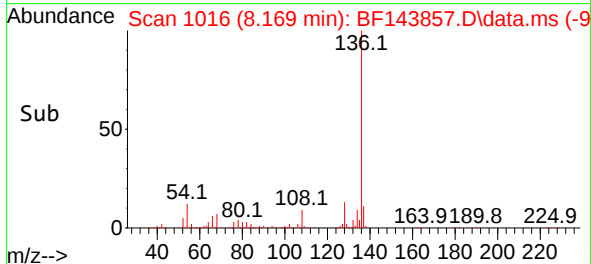
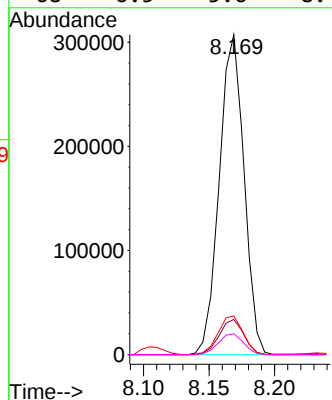
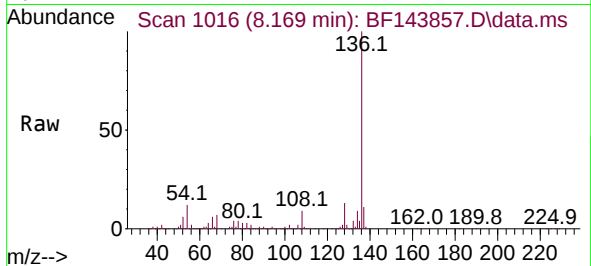


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB169956BS

Tgt Ion:136 Resp: 402920

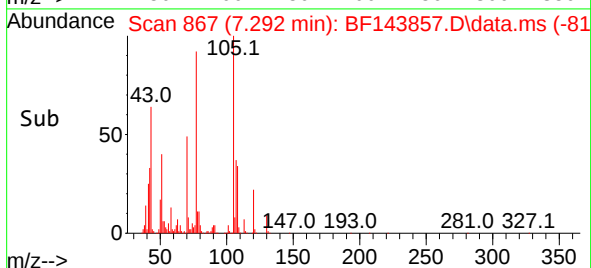
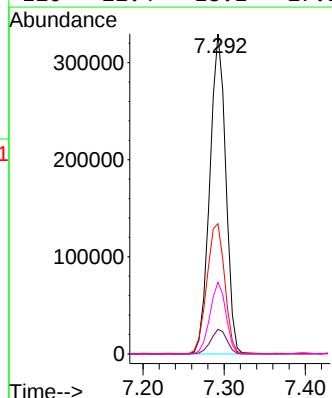
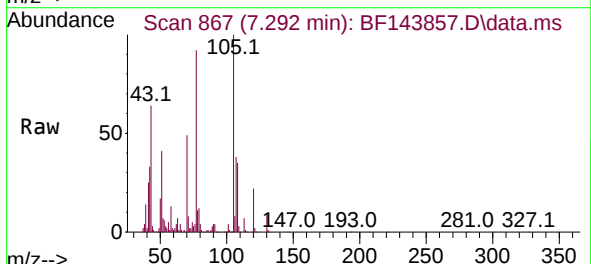
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	12.1	11.2	16.8
68	6.5	5.6	8.4

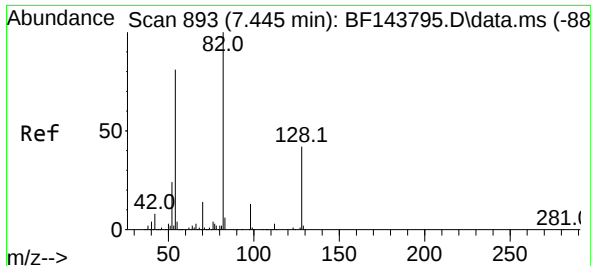


#22
Acetophenone
Concen: 51.013 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:105 Resp: 451447

Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.0	10.4
51	40.7	36.6	55.0
120	22.4	18.1	27.1





#23

Nitrobenzene-d5

Concen: 88.512 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

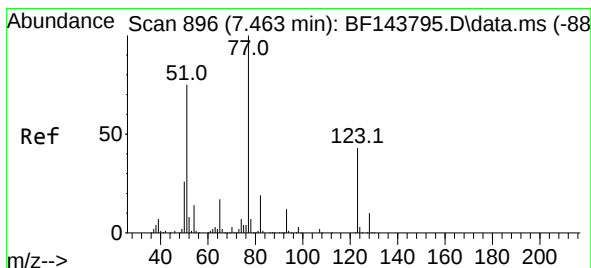
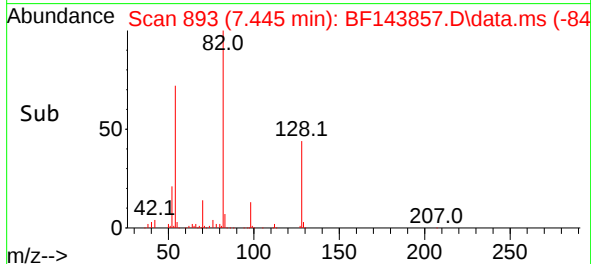
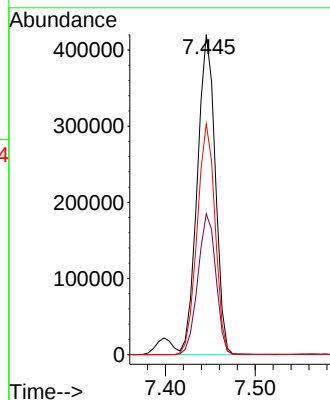
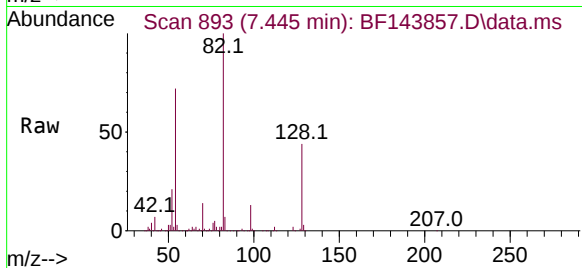
Tgt Ion: 82 Resp: 582625

Ion Ratio Lower Upper

82 100

128 44.0 33.3 49.9

54 72.1 64.2 96.4



#24

Nitrobenzene

Concen: 46.626 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

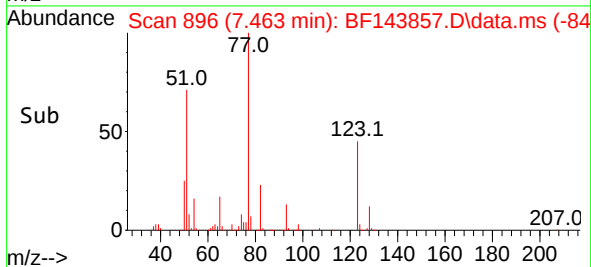
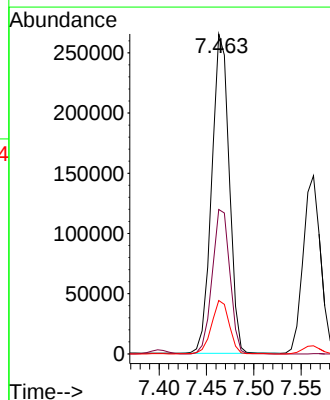
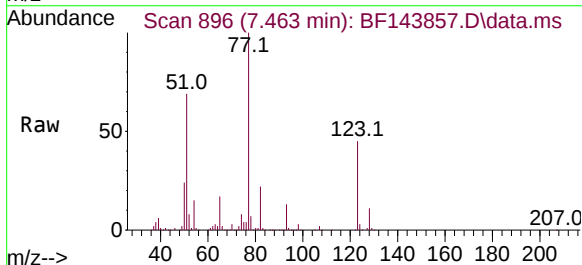
Tgt Ion: 77 Resp: 340187

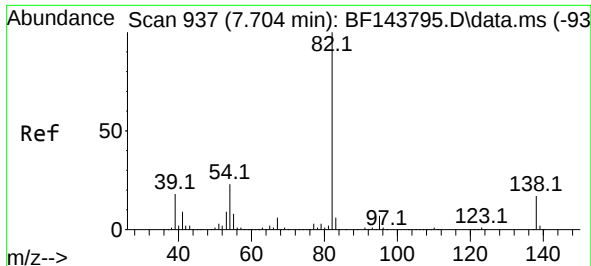
Ion Ratio Lower Upper

77 100

123 45.1 34.0 51.0

65 16.7 13.5 20.3

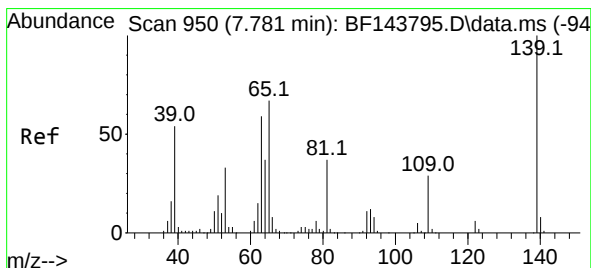
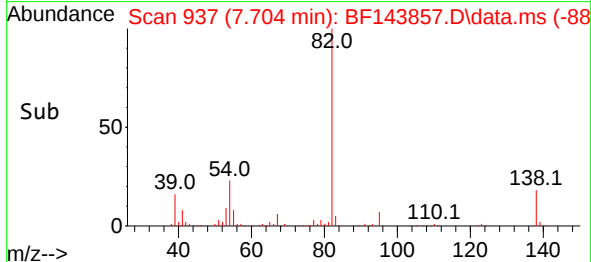
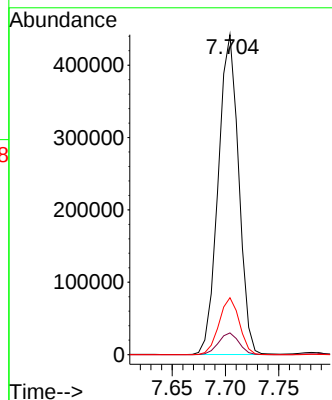
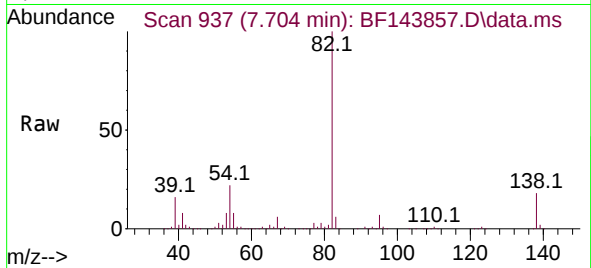




#25
Isophorone
Concen: 46.176 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

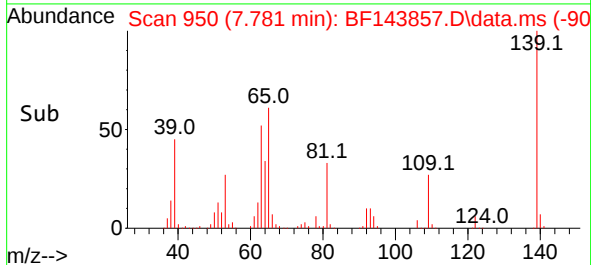
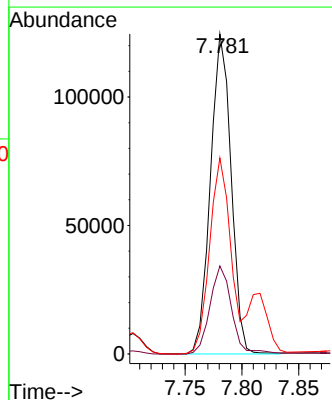
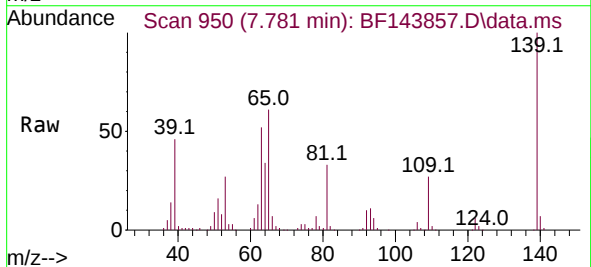
Instrument :
BNA_F
ClientSampleId :
PB169956BS

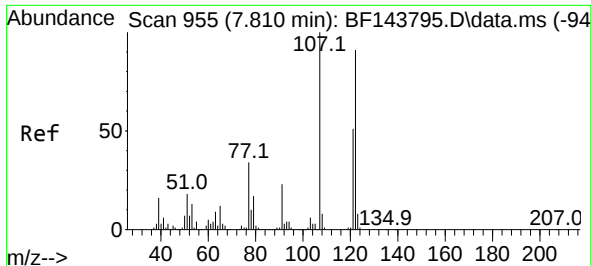
Tgt Ion: 82 Resp: 592302
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.8 13.7 20.5



#26
2-Nitrophenol
Concen: 52.350 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:139 Resp: 157589
Ion Ratio Lower Upper
139 100
109 27.5 23.3 34.9
65 61.2 53.8 80.6

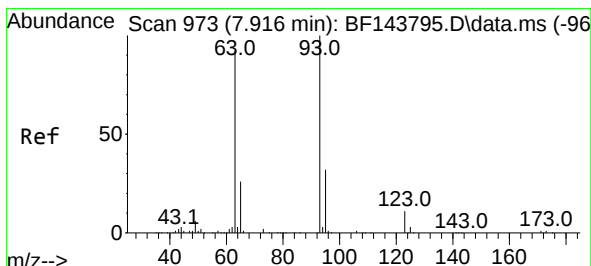
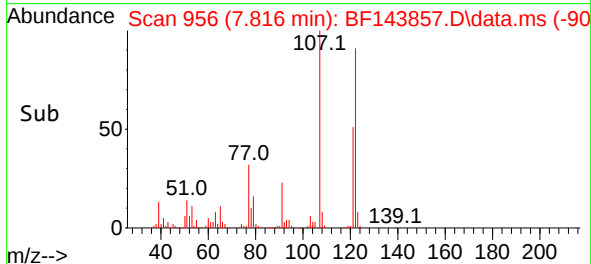
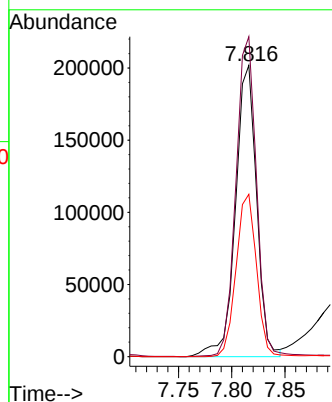
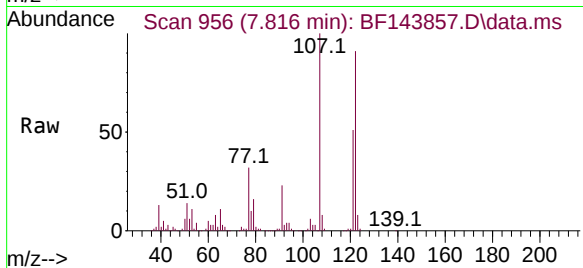




#27
2,4-Dimethylphenol
Concen: 48.437 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

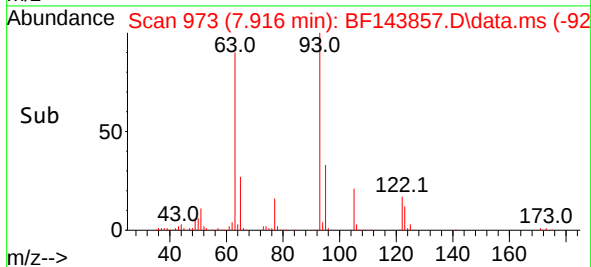
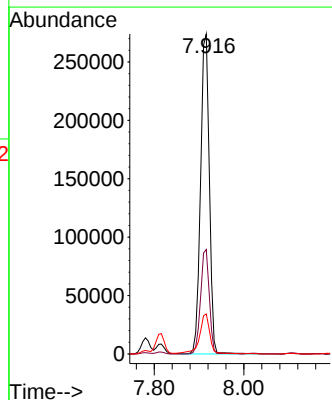
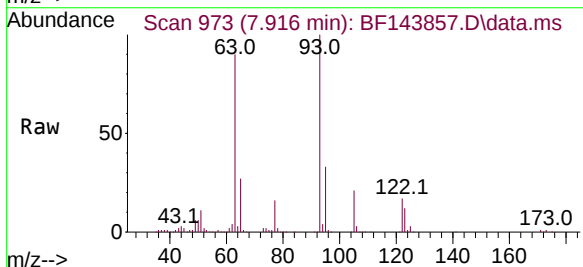
Instrument :
BNA_F
ClientSampleId :
PB169956BS

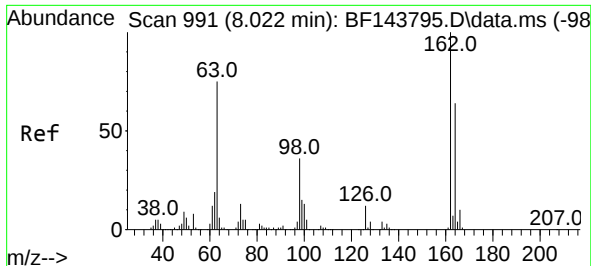
Tgt Ion:122 Resp: 277701
Ion Ratio Lower Upper
122 100
107 109.9 87.5 131.3
121 55.7 44.2 66.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.568 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 93 Resp: 371410
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 12.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.486 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

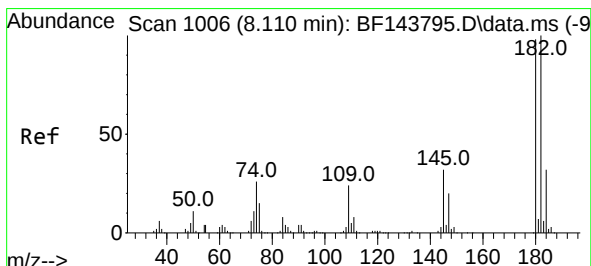
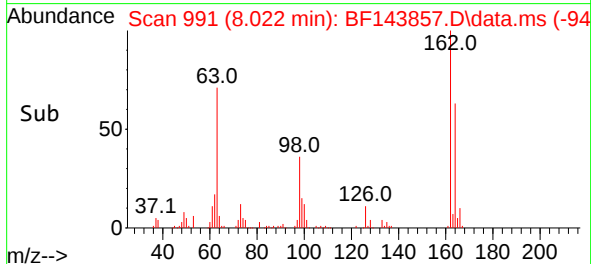
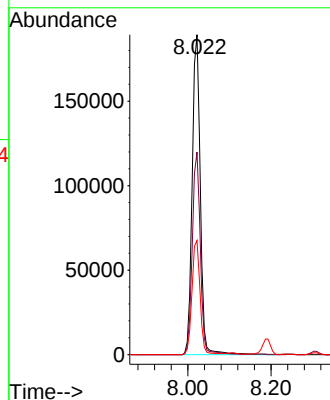
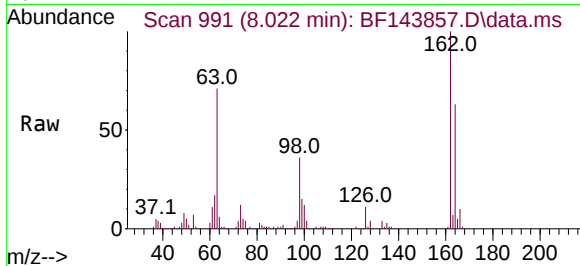
Tgt Ion:162 Resp: 256597

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

98 35.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 49.680 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

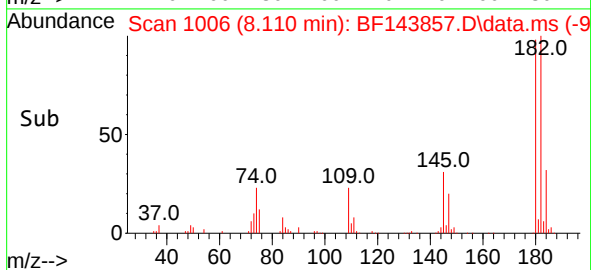
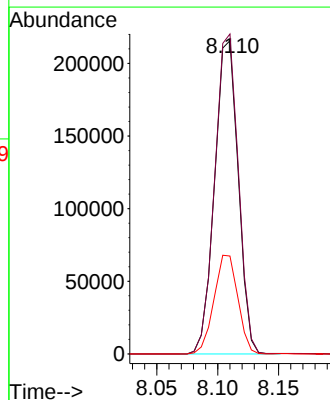
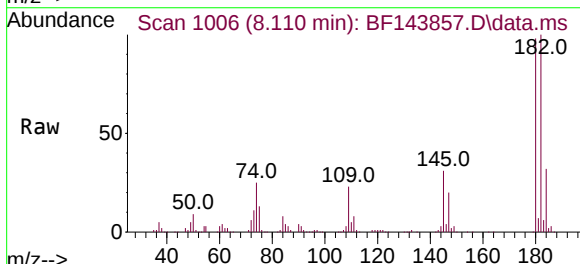
Tgt Ion:180 Resp: 290845

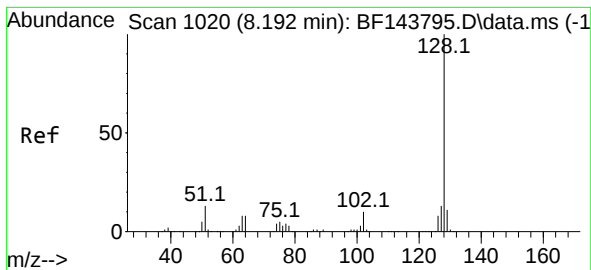
Ion Ratio Lower Upper

180 100

182 102.2 82.0 123.0

145 31.2 25.9 38.9





#31

Naphthalene

Concen: 45.372 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

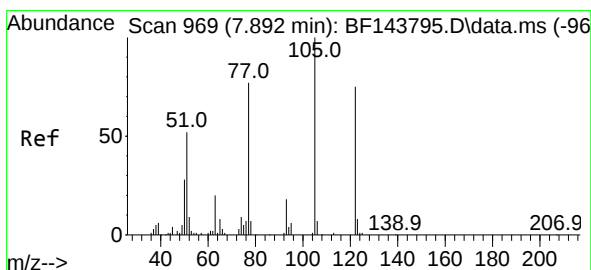
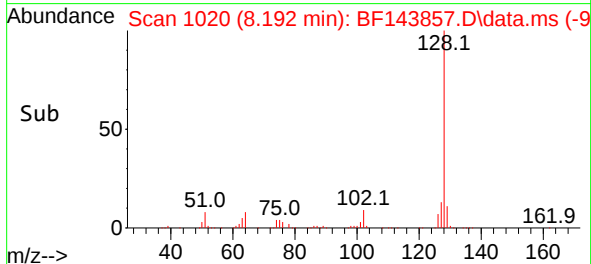
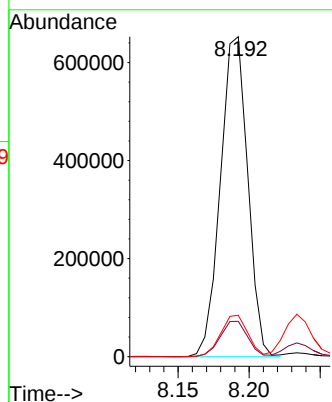
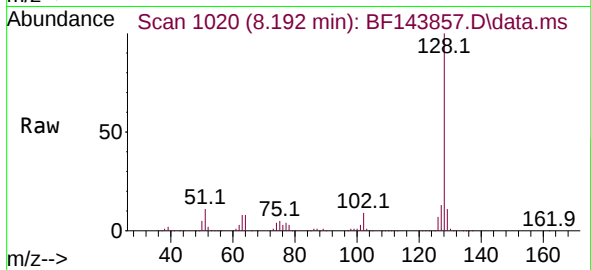
Tgt Ion:128 Resp: 875157

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 10.2 15.4



#32

Benzoic acid

Concen: 58.861 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

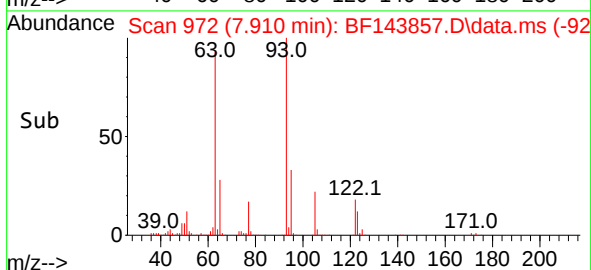
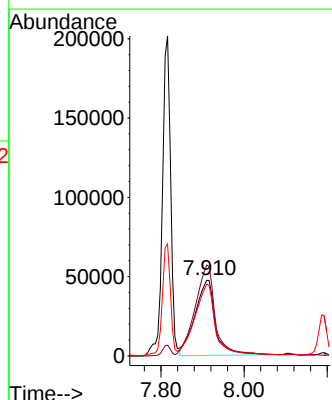
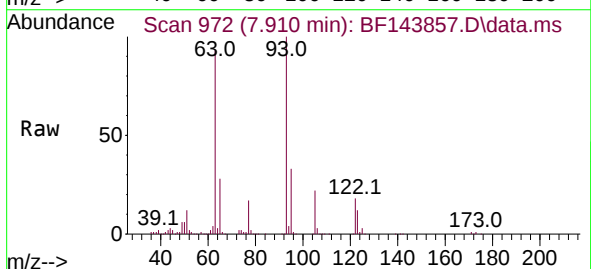
Tgt Ion:122 Resp: 162818

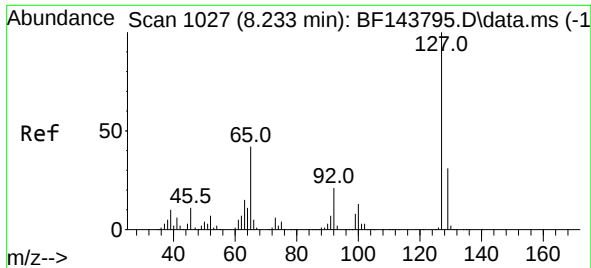
Ion Ratio Lower Upper

122 100

105 120.2 103.7 143.7

77 94.9 78.8 118.8

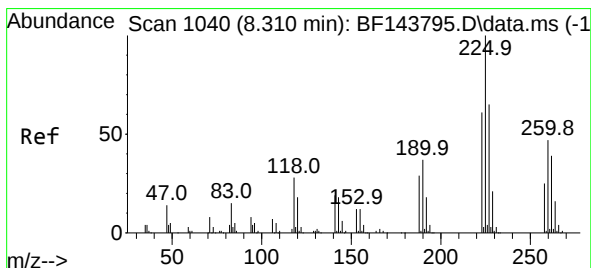
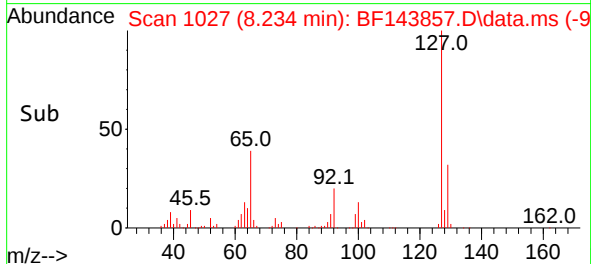
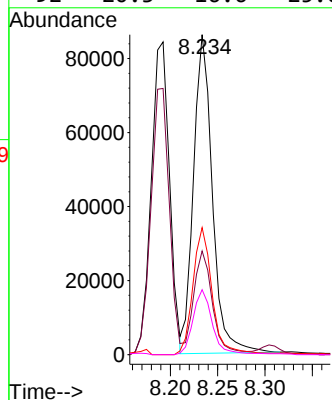
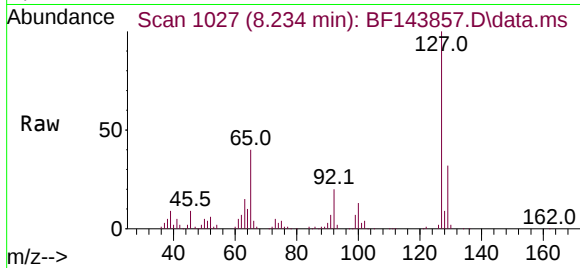




#33
4-Chloroaniline
Concen: 17.552 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

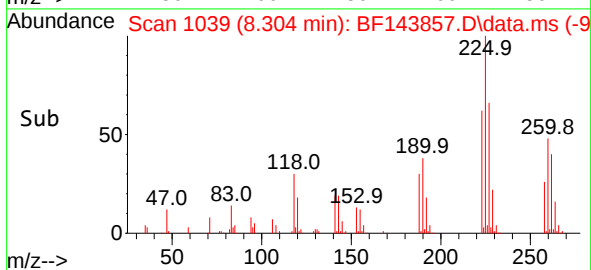
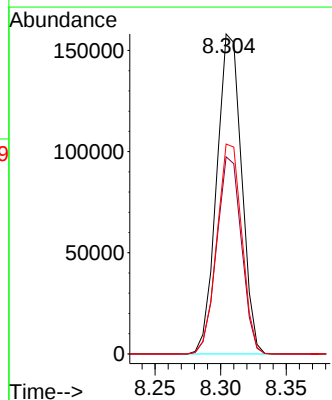
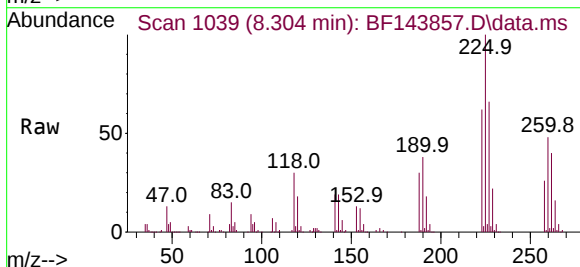
Instrument :
BNA_F
ClientSampleId :
PB169956BS

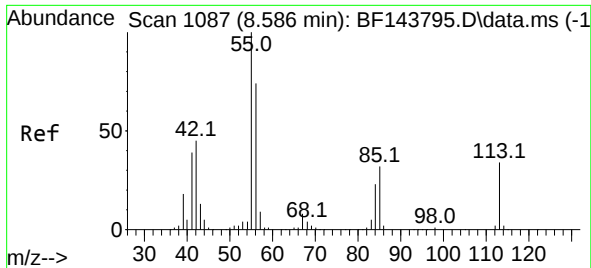
Tgt Ion:	127	Resp:	118971
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	39.7	33.4	50.2
92	20.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.849 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:	225	Resp:	208827
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.6	72.8
227	65.6	51.9	77.9

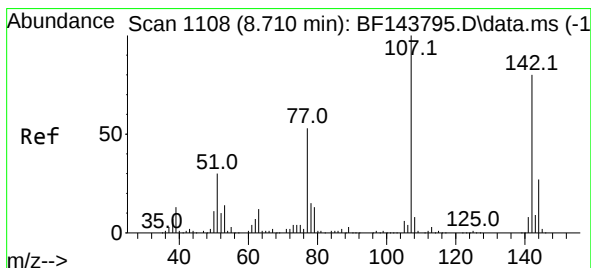
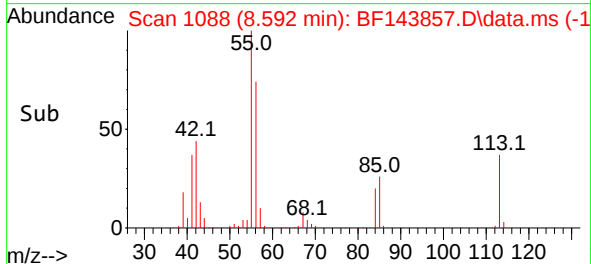
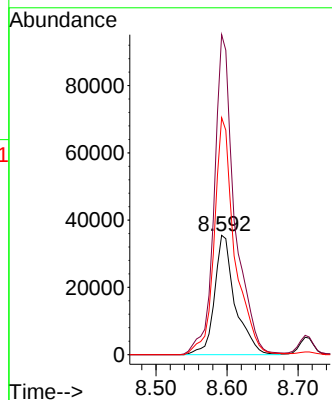
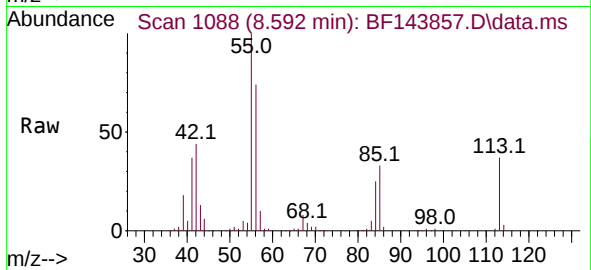




#35
Caprolactam
Concen: 49.636 ng
RT: 8.592 min Scan# 1087
Delta R.T. -0.018 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

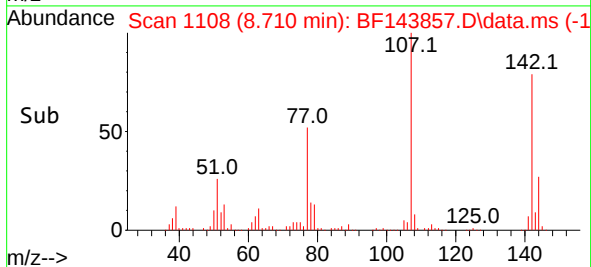
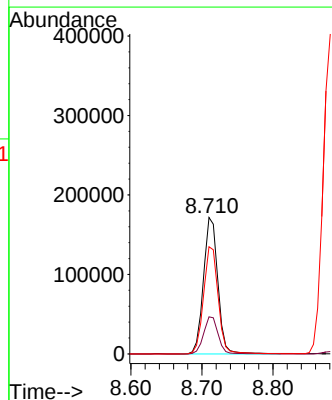
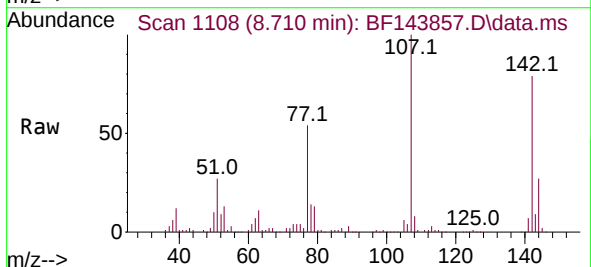
Instrument :
BNA_F
ClientSampleId :
PB169956BS

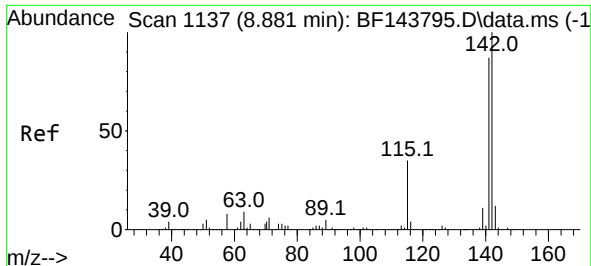
Tgt Ion:113 Resp: 71570
Ion Ratio Lower Upper
113 100
55 268.1 271.7 311.7#
56 198.5 194.5 234.5



#36
4-Chloro-3-methylphenol
Concen: 45.469 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:107 Resp: 240567
Ion Ratio Lower Upper
107 100
144 27.2 21.8 32.8
142 78.5 63.6 95.4





#37

2-Methylnaphthalene

Concen: 42.007 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

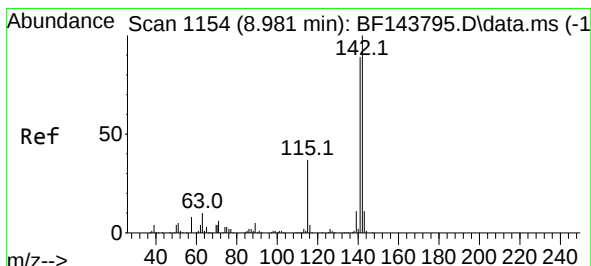
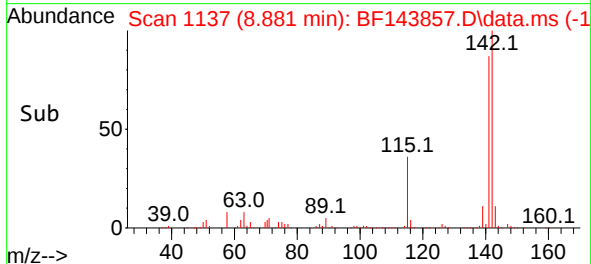
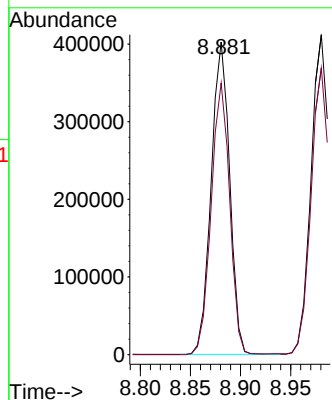
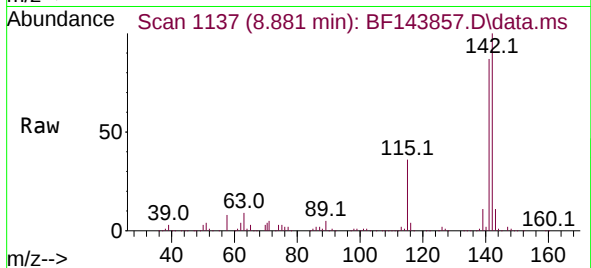
PB169956BS

Tgt Ion:142 Resp: 516653

Ion Ratio Lower Upper

142 100

141 86.9 69.4 104.0



#38

1-Methylnaphthalene

Concen: 44.831 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143857.D

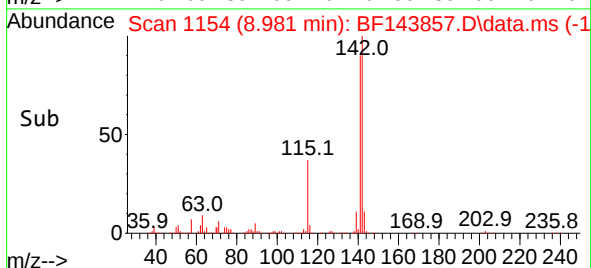
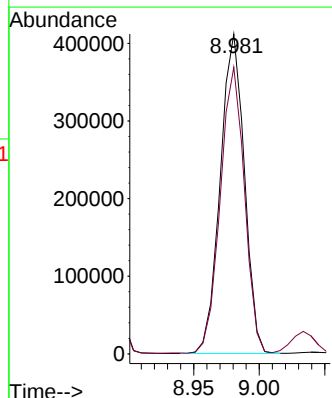
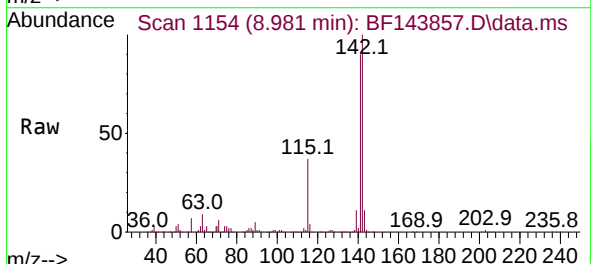
Acq: 02 Oct 2025 16:09

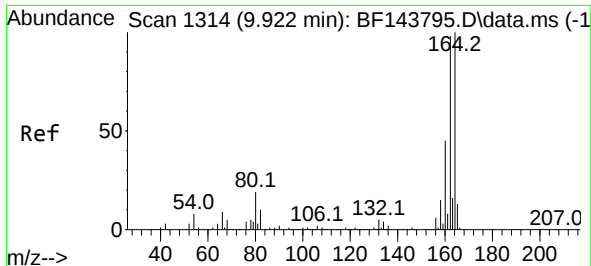
Tgt Ion:142 Resp: 527763

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

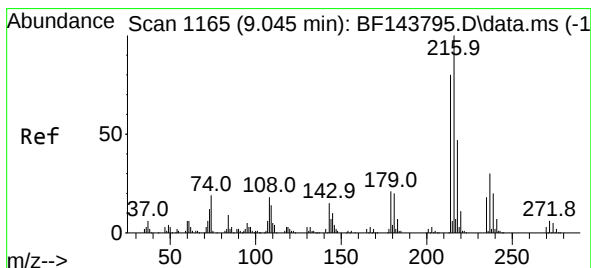
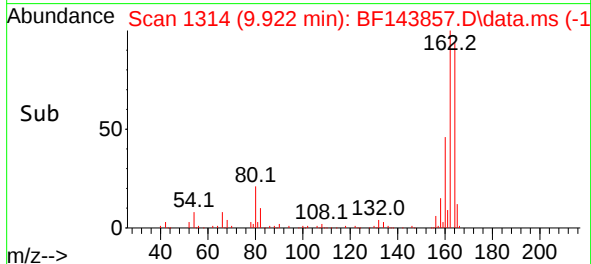
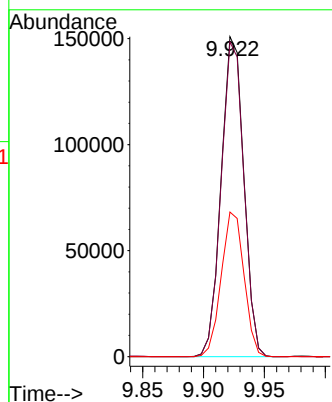
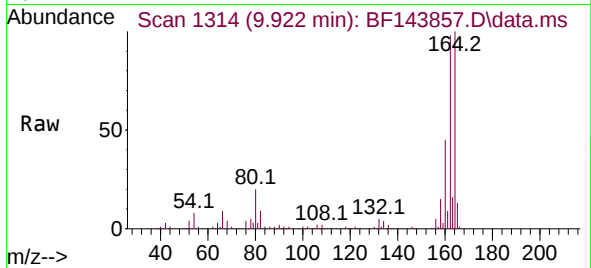




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1314
 Delta R.T. -0.006 min
 Lab File: BF143857.D
 Acq: 02 Oct 2025 16:09

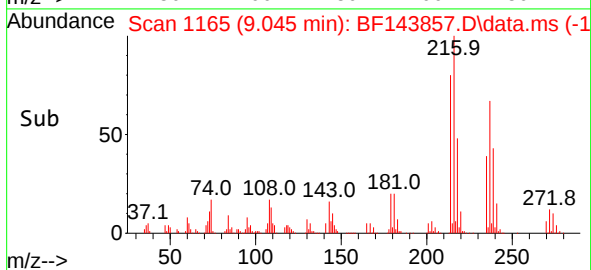
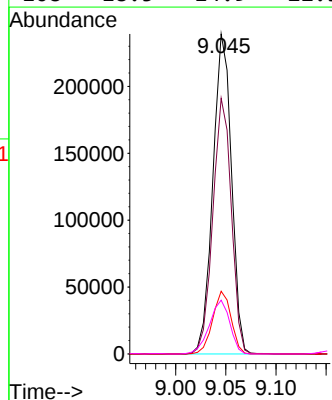
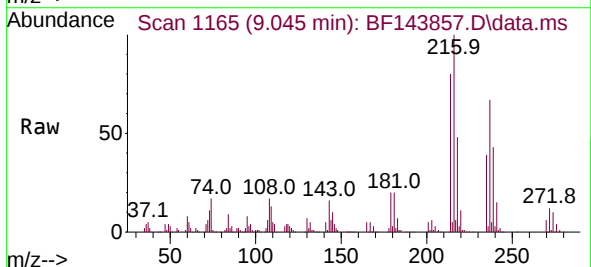
Instrument :
 BNA_F
 ClientSampleId :
 PB169956BS

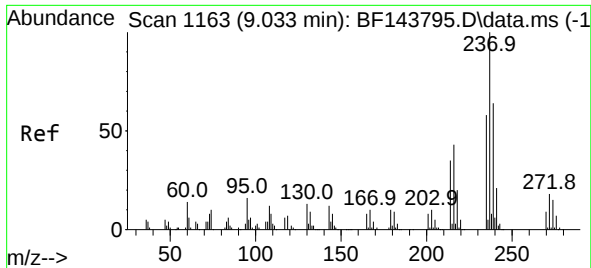
Tgt Ion:164 Resp: 195705
 Ion Ratio Lower Upper
 164 100
 162 98.3 78.8 118.2
 160 45.2 35.8 53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.137 ng
 RT: 9.045 min Scan# 1165
 Delta R.T. -0.006 min
 Lab File: BF143857.D
 Acq: 02 Oct 2025 16:09

Tgt Ion:216 Resp: 307921
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.7 95.5
 179 19.4 16.5 24.7
 108 18.5 14.9 22.3

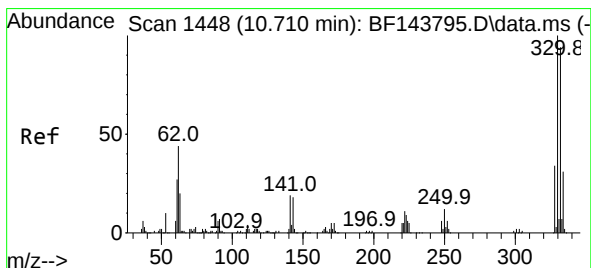
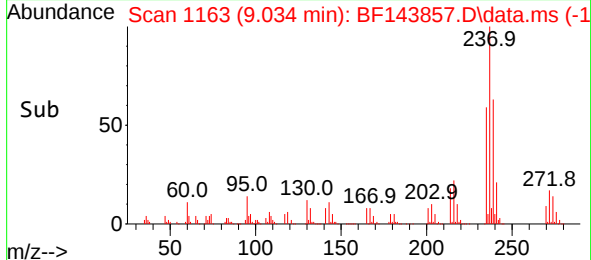
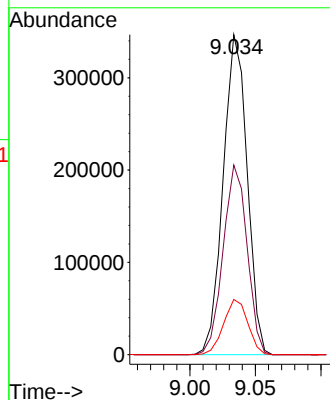
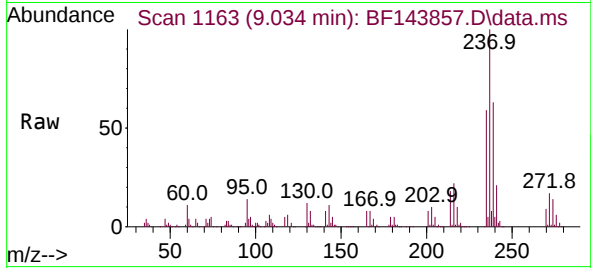




#41
Hexachlorocyclopentadiene
Concen: 117.977 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

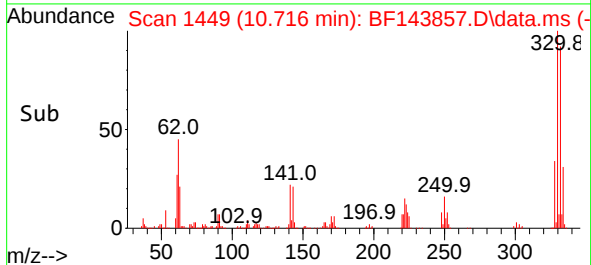
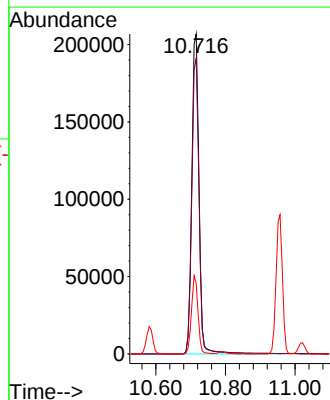
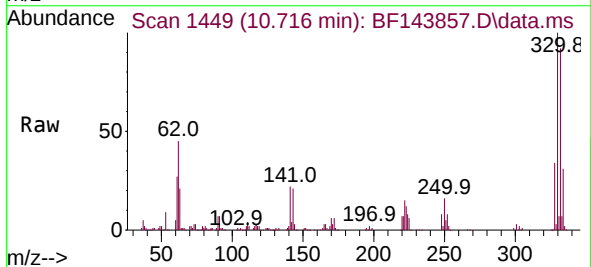
Instrument :
BNA_F
ClientSampleId :
PB169956BS

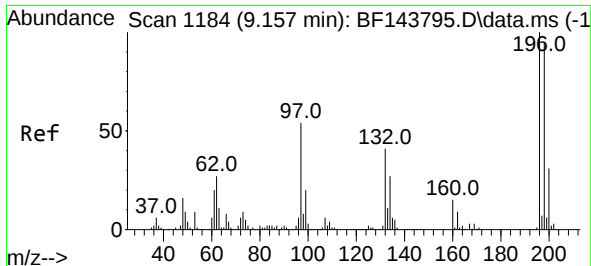
Tgt Ion:237 Resp: 441595
Ion Ratio Lower Upper
237 100
235 59.2 38.1 78.1
272 17.2 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 103.383 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:330 Resp: 299576
Ion Ratio Lower Upper
330 100
332 91.9 74.7 112.1
141 22.0 14.3 21.5#





#43

2,4,6-Trichlorophenol

Concen: 48.719 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

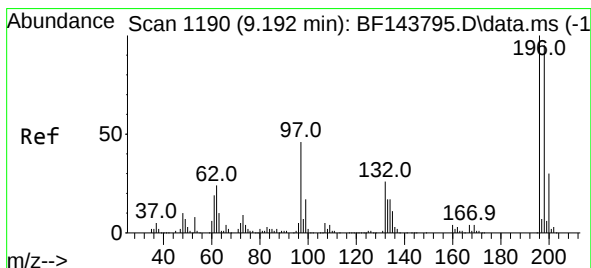
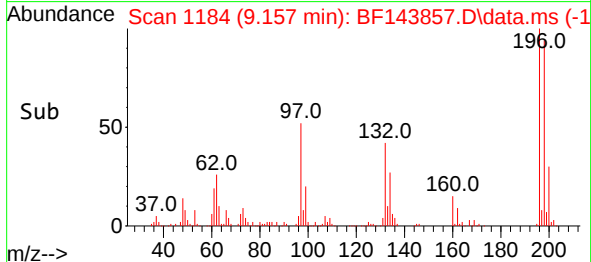
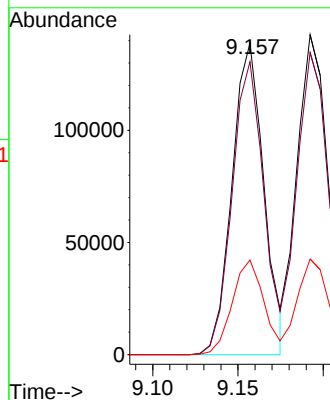
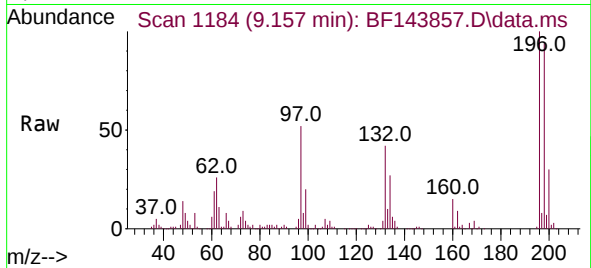
Tgt Ion:196 Resp: 180169

Ion Ratio Lower Upper

196 100

198 94.0 76.2 114.2

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 48.185 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Tgt Ion:196 Resp: 186391

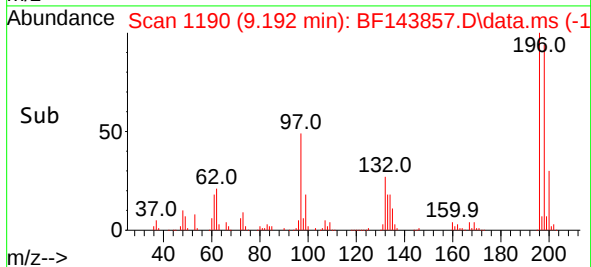
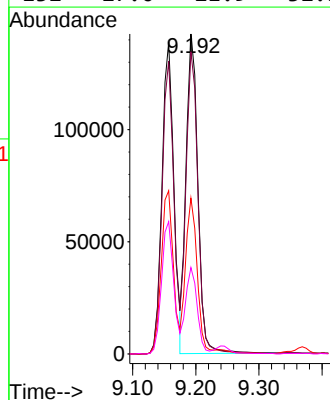
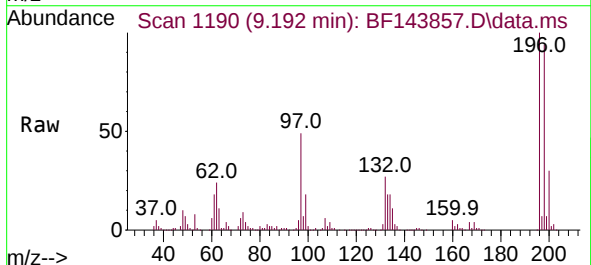
Ion Ratio Lower Upper

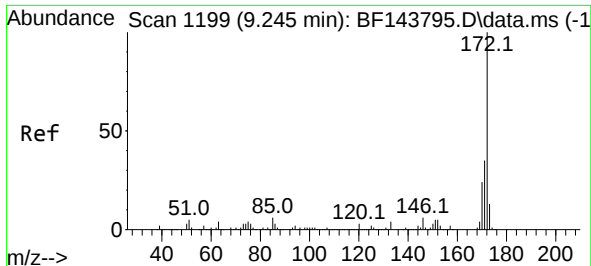
196 100

198 94.4 75.9 113.9

97 48.7 38.3 57.5

132 27.0 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 88.207 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

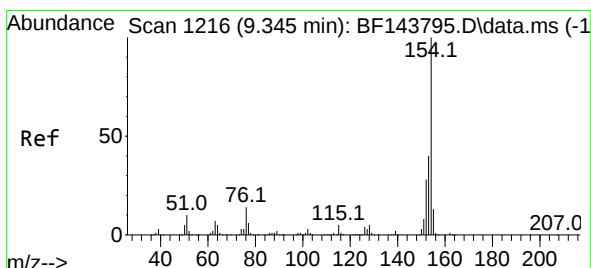
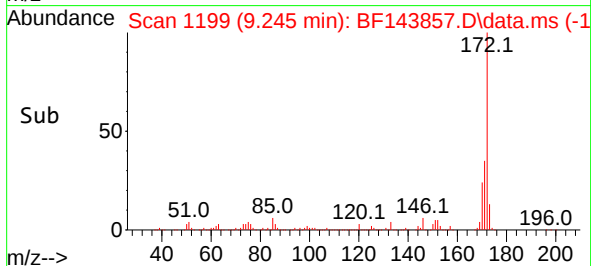
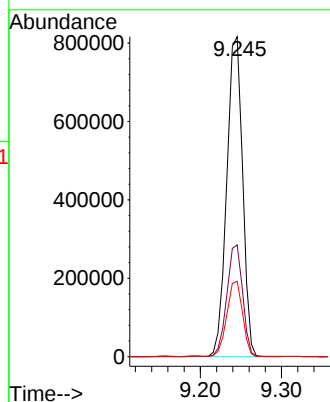
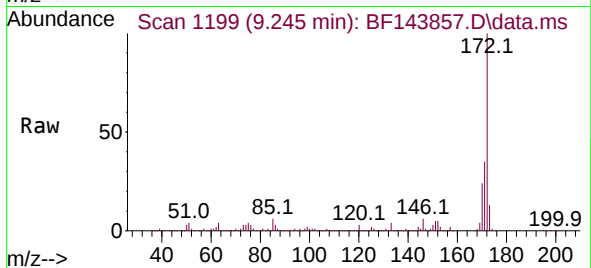
Tgt Ion:172 Resp: 1106220

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.919 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

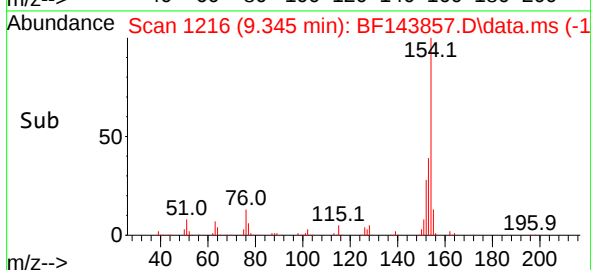
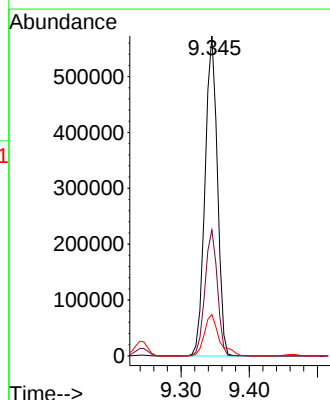
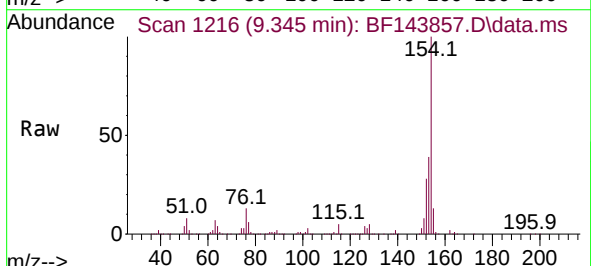
Tgt Ion:154 Resp: 721349

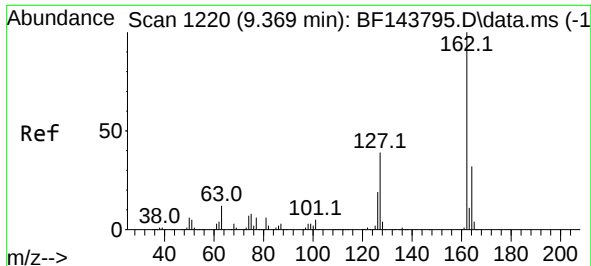
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 12.9 0.0 33.8

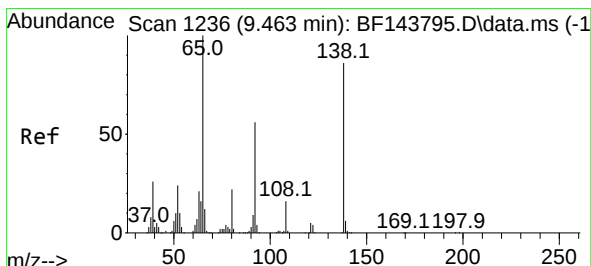
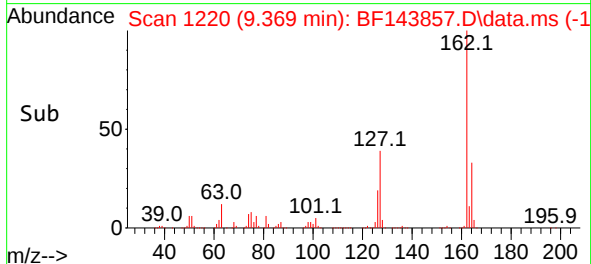
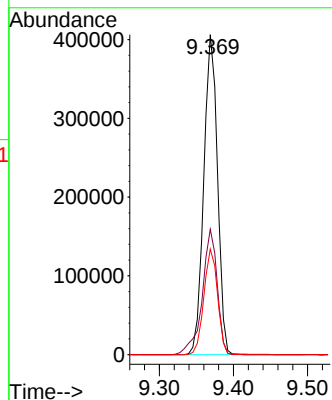
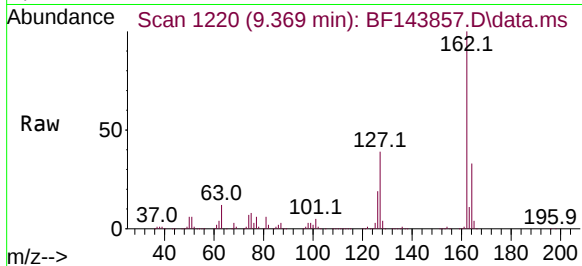




#47
2-Chloronaphthalene
Concen: 45.717 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

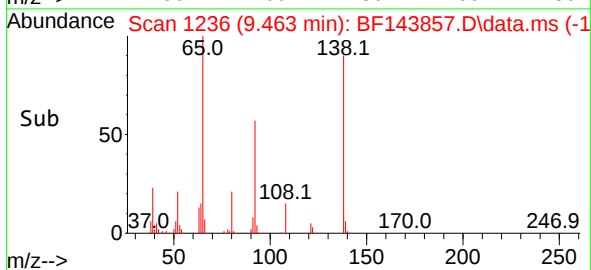
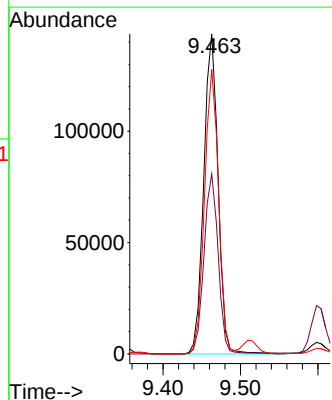
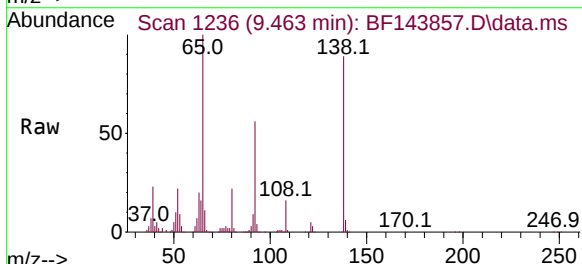
Instrument :
BNA_F
ClientSampleId :
PB169956BS

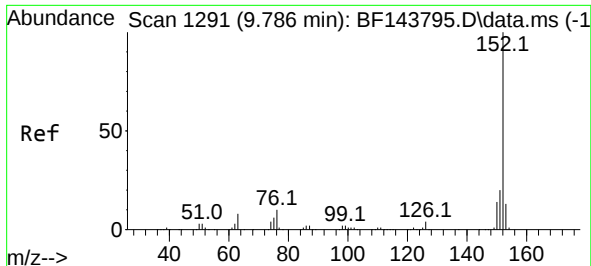
Tgt Ion:162 Resp: 521322
Ion Ratio Lower Upper
162 100
127 39.2 31.5 47.3
164 33.0 25.9 38.9



#48
2-Nitroaniline
Concen: 53.399 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 65 Resp: 184042
Ion Ratio Lower Upper
65 100
92 56.2 44.9 67.3
138 88.9 69.0 103.4





#49

Acenaphthylene

Concen: 52.667 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

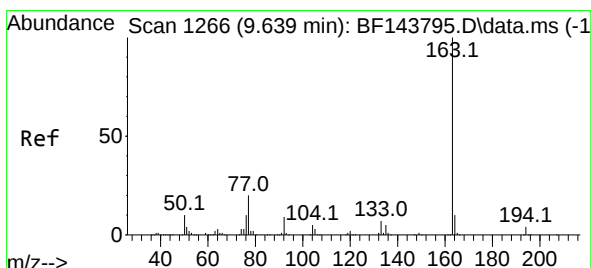
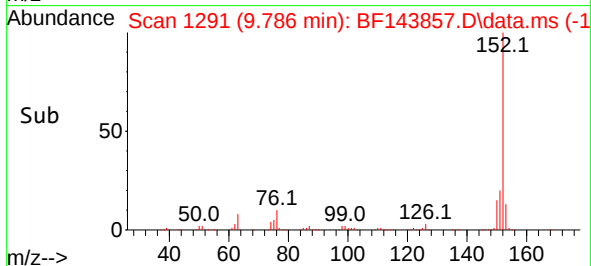
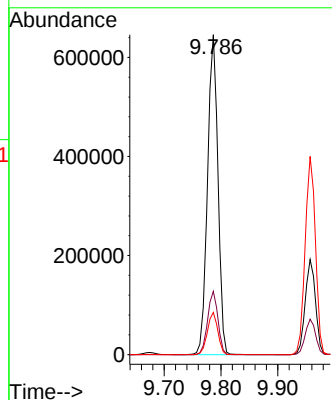
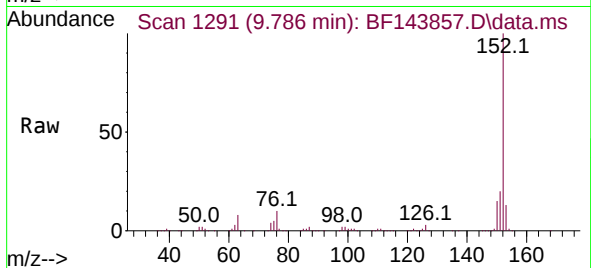
Tgt Ion:152 Resp: 826787

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 47.284 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

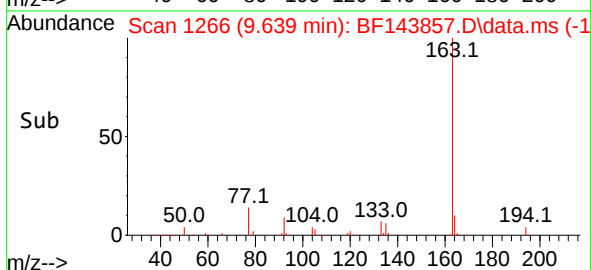
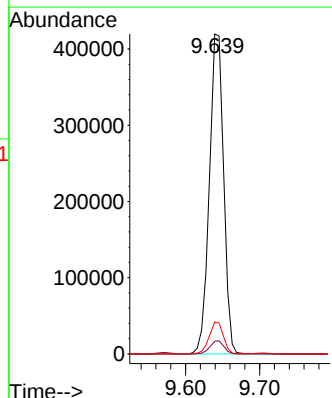
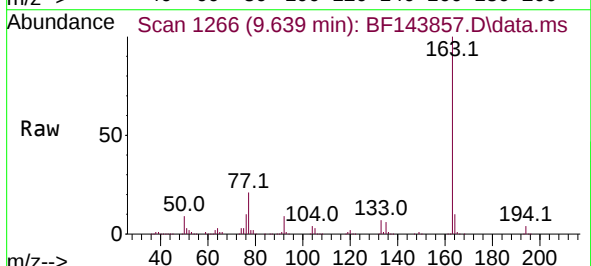
Tgt Ion:163 Resp: 564015

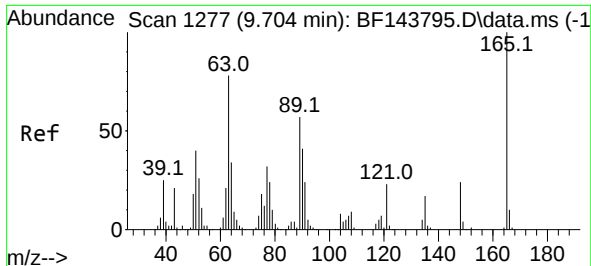
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.2 12.2

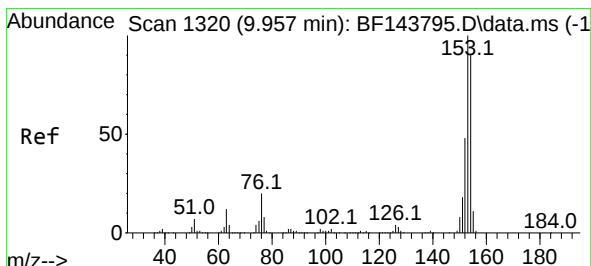
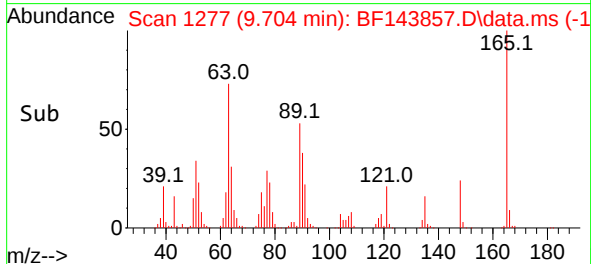
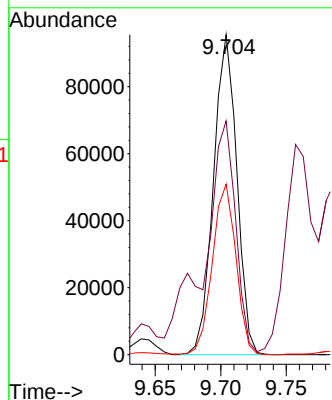
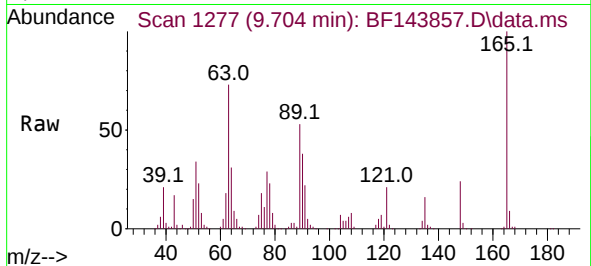




#51
2,6-Dinitrotoluene
Concen: 60.425 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

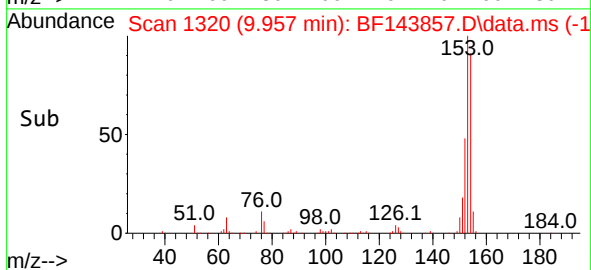
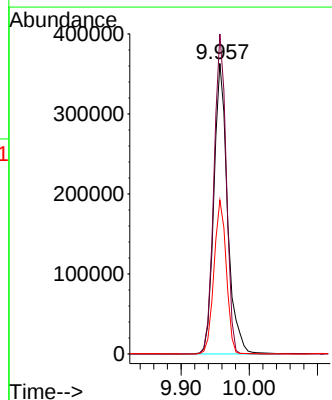
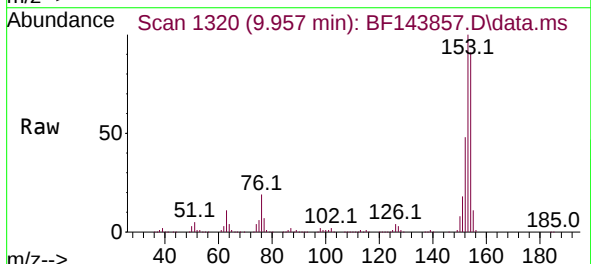
Instrument :
BNA_F
ClientSampleId :
PB169956BS

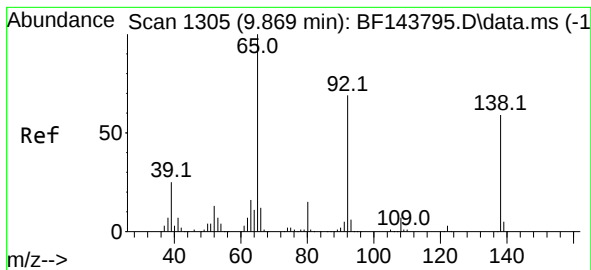
Tgt Ion:165 Resp: 118422
Ion Ratio Lower Upper
165 100
63 73.0 62.6 94.0
89 53.3 45.2 67.8



#52
Acenaphthene
Concen: 48.945 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:154 Resp: 505635
Ion Ratio Lower Upper
154 100
153 110.2 88.7 133.1
152 52.9 42.7 64.1





#53

3-Nitroaniline

Concen: 28.226 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

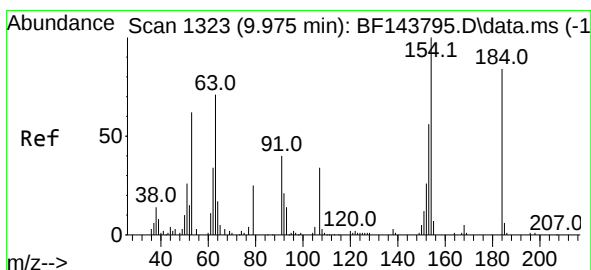
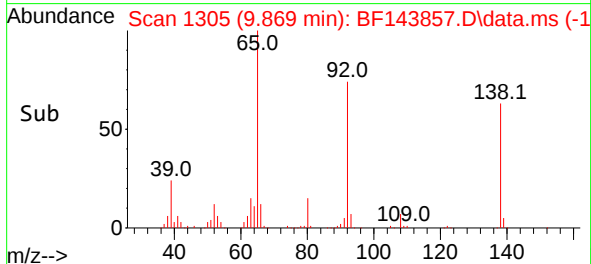
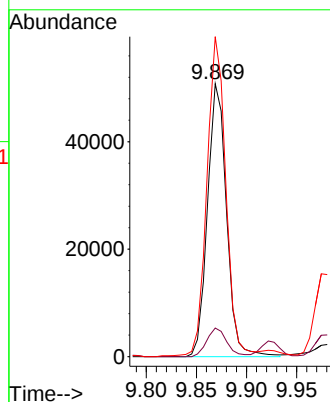
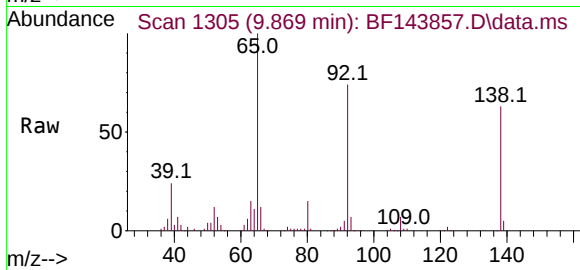
Tgt Ion:138 Resp: 67052

Ion Ratio Lower Upper

138 100

108 10.5 9.9 14.9

92 117.3 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 92.100 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.005 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

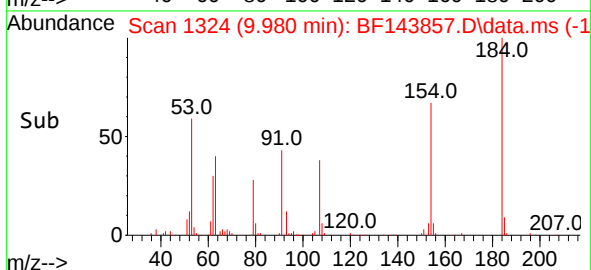
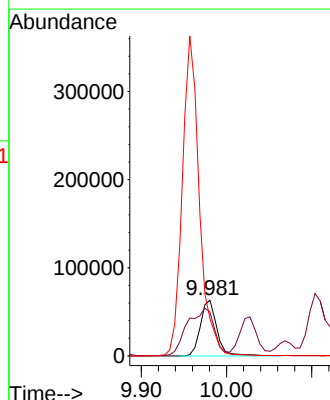
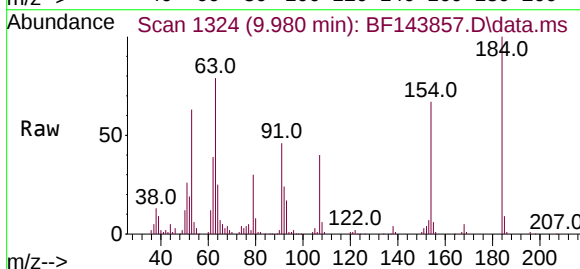
Tgt Ion:184 Resp: 84676

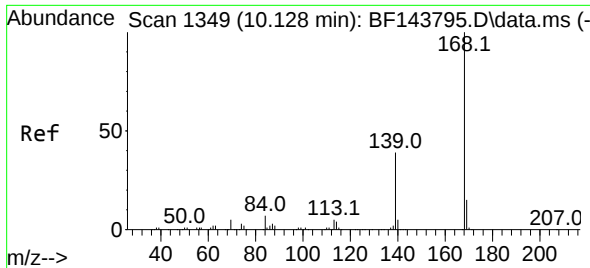
Ion Ratio Lower Upper

184 100

63 78.7 84.6 127.0#

154 67.0 199.3 298.9#

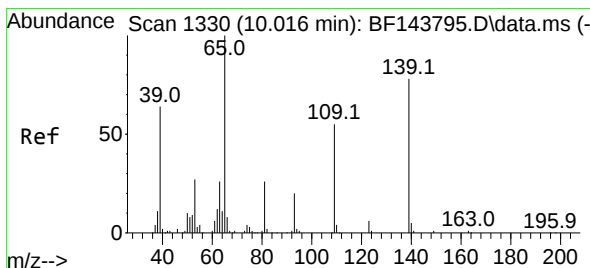
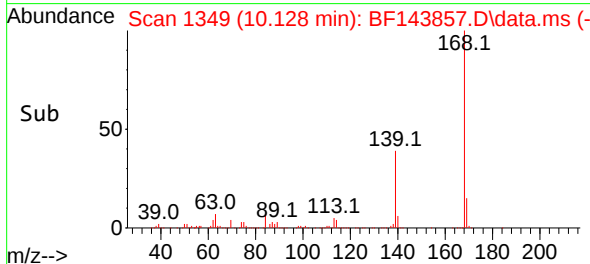
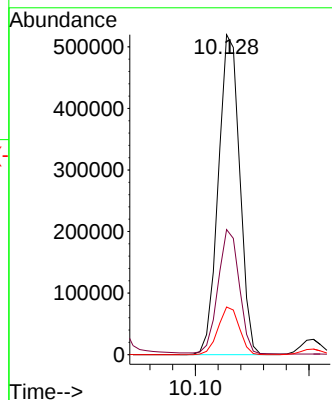
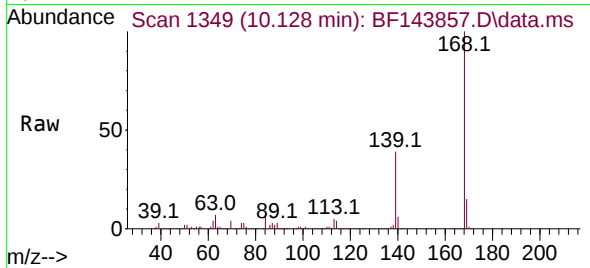




#55
Dibenzofuran
Concen: 46.499 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

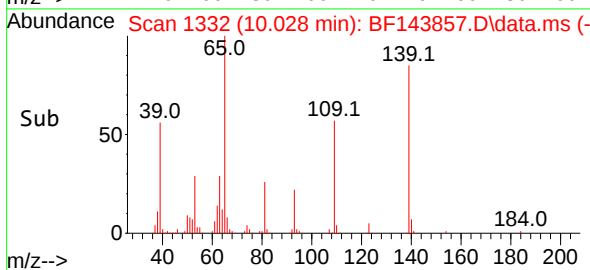
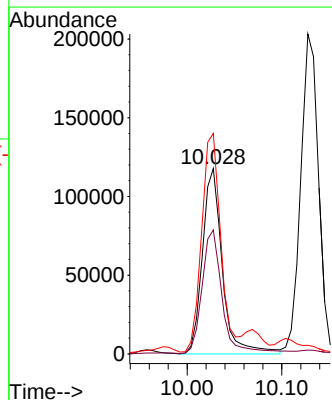
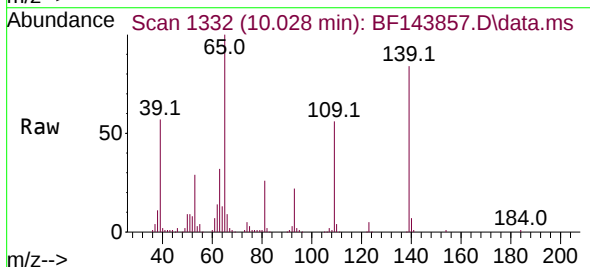
Instrument :
BNA_F
ClientSampleId :
PB169956BS

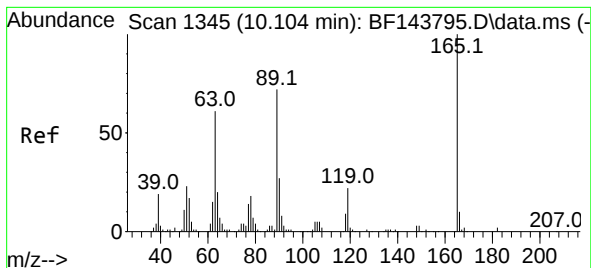
Tgt Ion:168 Resp: 679276
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.6
169 14.9 11.9 17.9



#56
4-Nitrophenol
Concen: 89.973 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:139 Resp: 172233
Ion Ratio Lower Upper
139 100
109 66.9 50.2 90.2
65 118.9 109.2 149.2

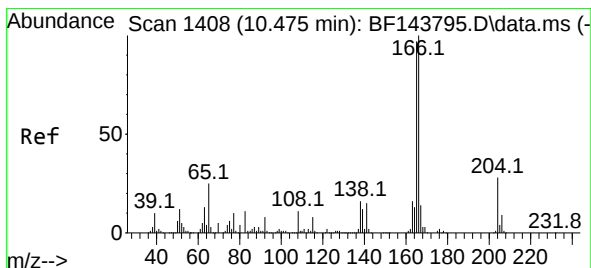
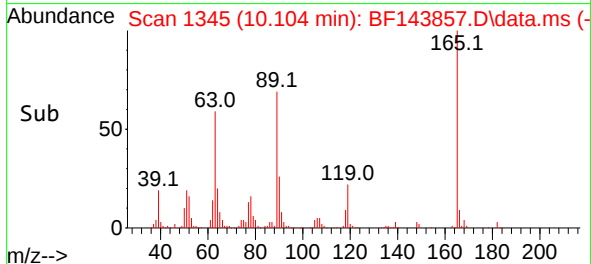
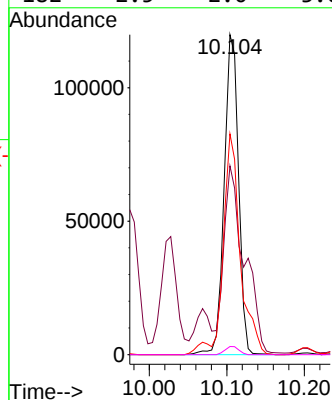
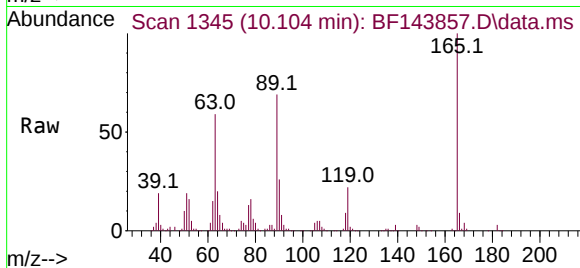




#57
2,4-Dinitrotoluene
Concen: 52.607 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

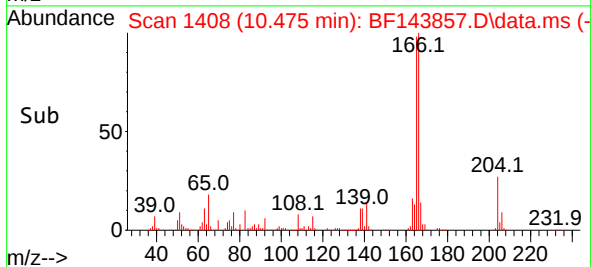
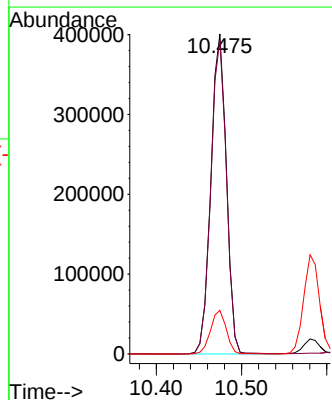
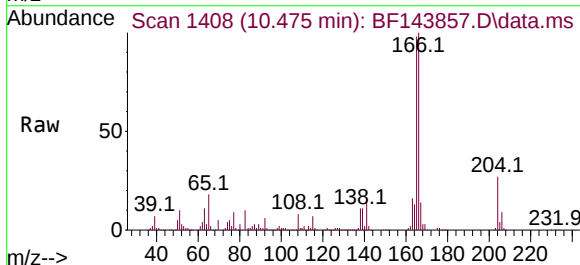
Instrument :
BNA_F
ClientSampleId :
PB169956BS

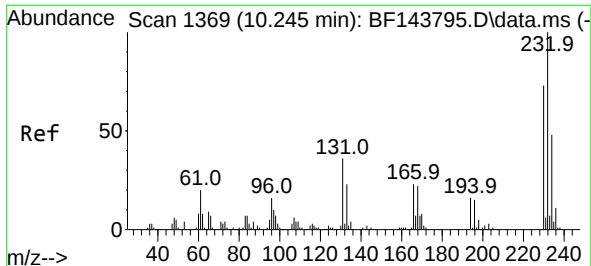
Tgt Ion:165 Resp: 153898
Ion Ratio Lower Upper
165 100
63 59.0 48.9 73.3
89 69.0 57.5 86.3
182 2.5 2.0 3.0



#58
Fluorene
Concen: 46.595 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:166 Resp: 506026
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.6 10.9 16.3



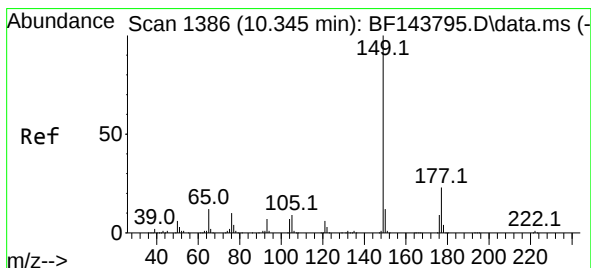
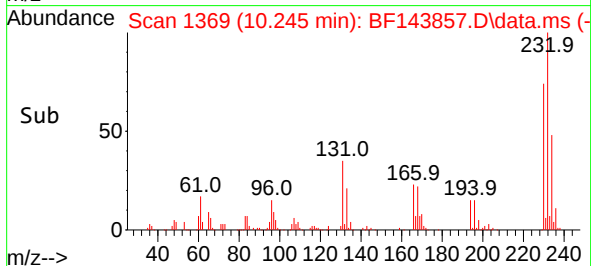
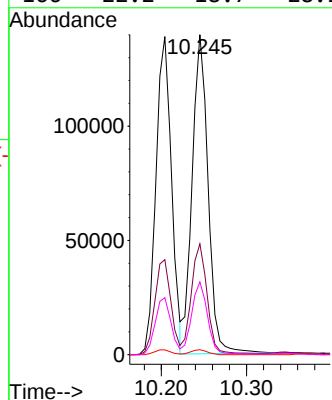
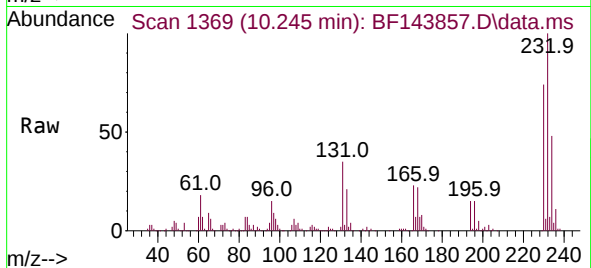


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.904 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB169956BS

Tgt Ion:232 Resp: 181939

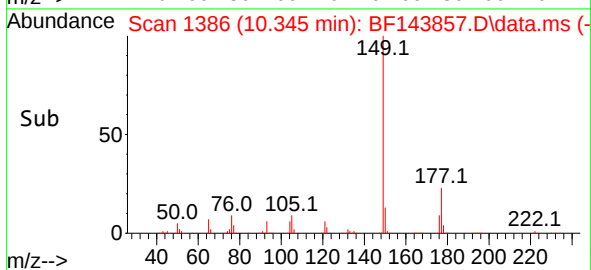
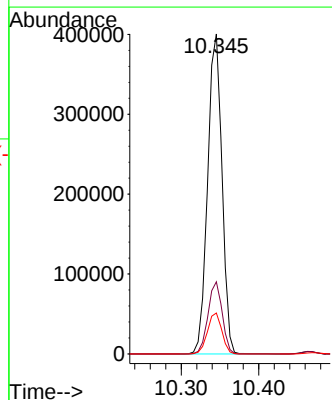
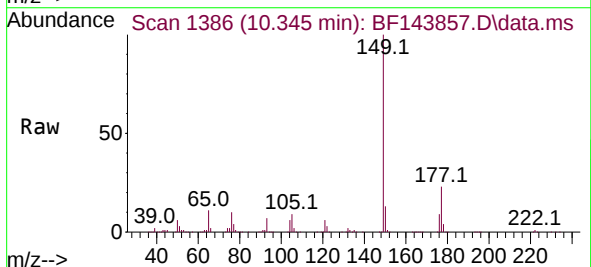
Ion	Ratio	Lower	Upper
232	100		
131	34.8	29.4	44.2
130	1.6	1.3	1.9
166	22.2	18.7	28.1

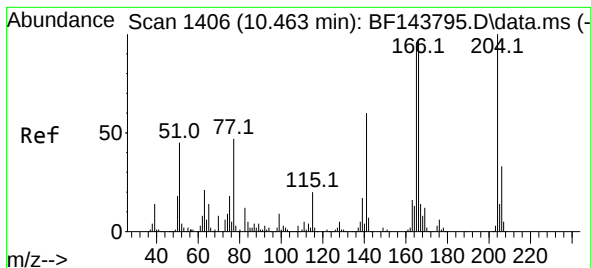


#60
Diethylphthalate
Concen: 46.109 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:149 Resp: 514847

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.1	27.1
150	12.8	9.7	14.5

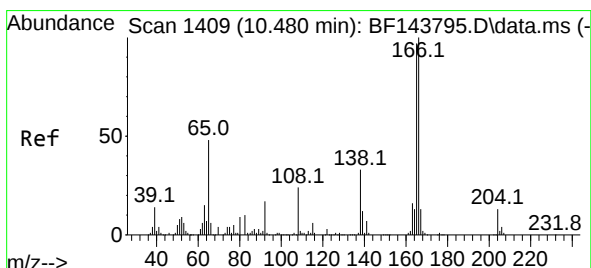
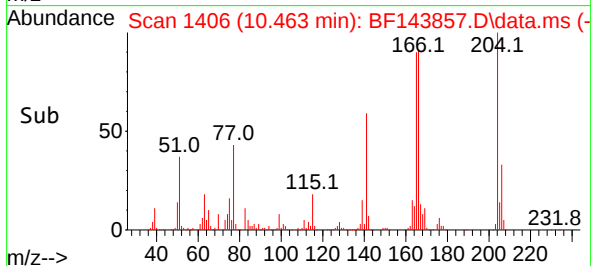
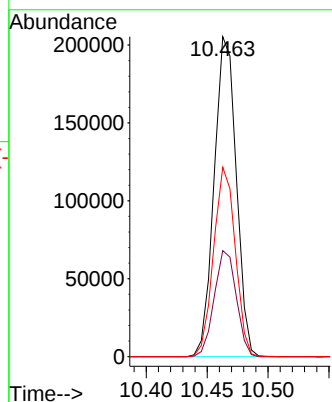
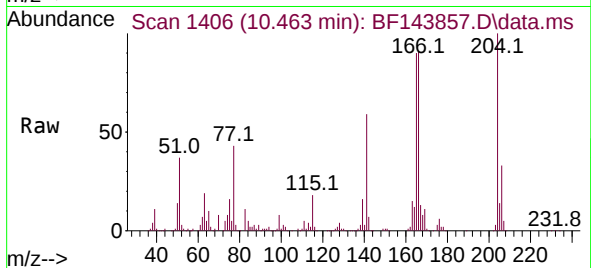




#61
4-Chlorophenyl-phenylether
Concen: 46.809 ng
RT: 10.463 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

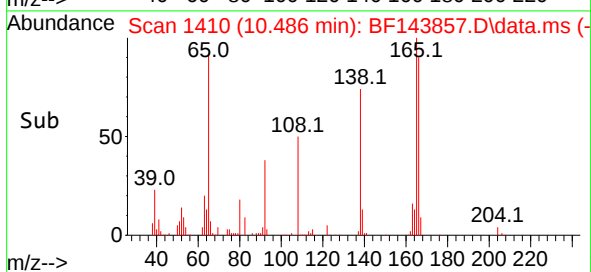
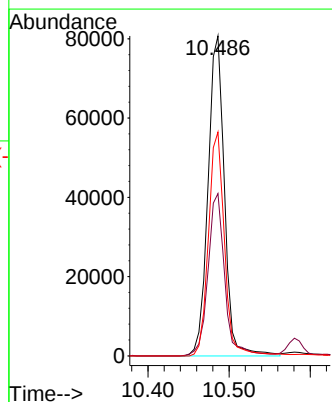
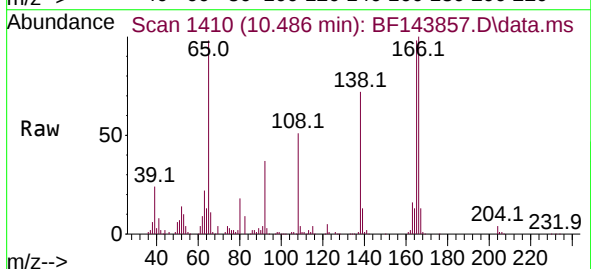
Instrument :
BNA_F
ClientSampleId :
PB169956BS

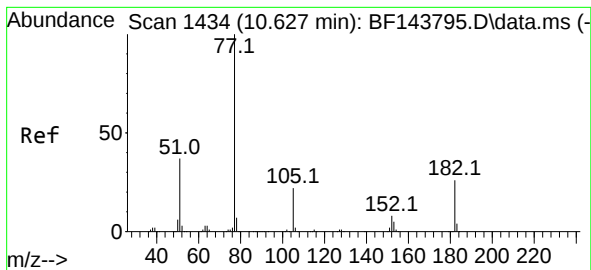
Tgt Ion:204 Resp: 259018
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 59.2 48.2 72.2



#62
4-Nitroaniline
Concen: 51.078 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:138 Resp: 114089
Ion Ratio Lower Upper
138 100
92 50.7 31.5 71.5
108 69.9 51.9 91.9





#63

Azobenzene

Concen: 45.562 ng

RT: 10.628 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

Tgt Ion: 77 Resp: 536162

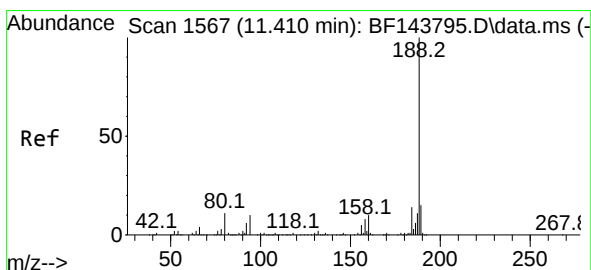
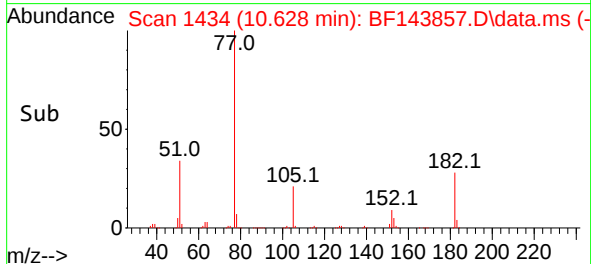
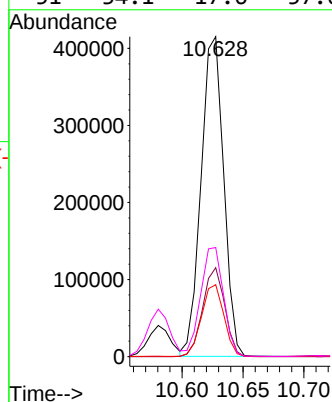
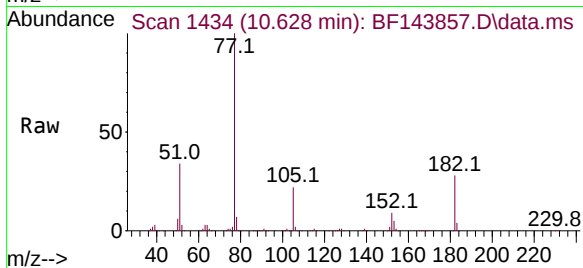
Ion Ratio Lower Upper

77 100

182 27.8 5.9 45.9

105 22.5 2.3 42.3

51 34.1 17.6 57.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

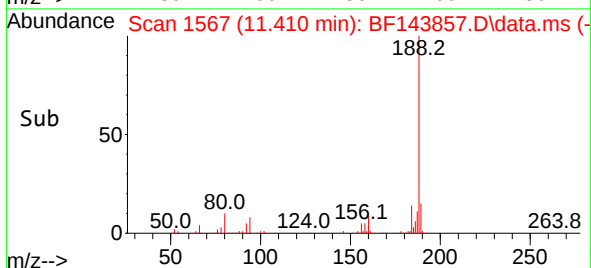
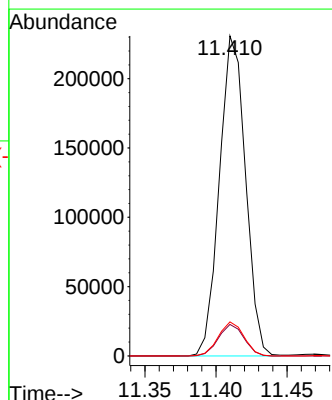
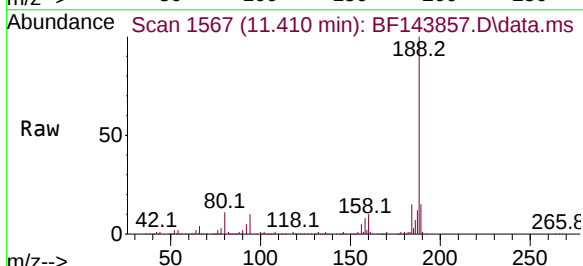
Tgt Ion: 188 Resp: 294854

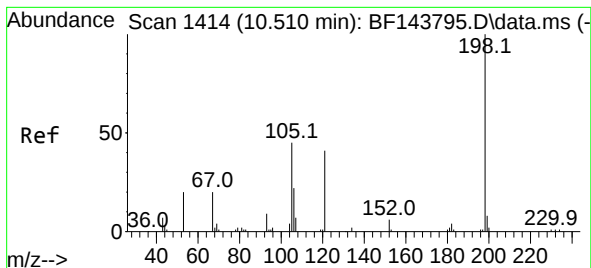
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.6 8.6 12.8

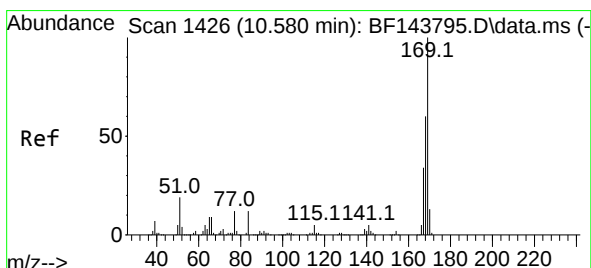
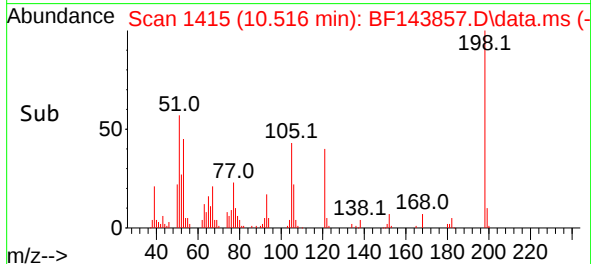
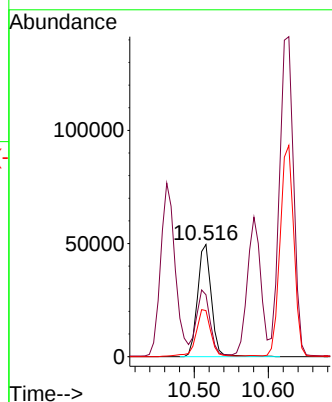
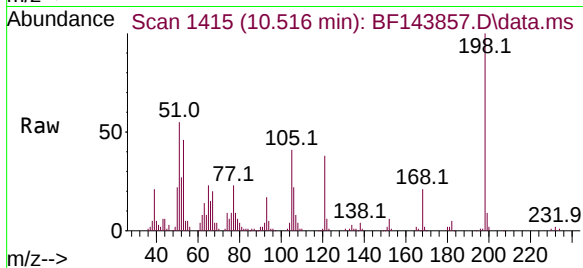




#65
4,6-Dinitro-2-methylphenol
Concen: 56.262 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

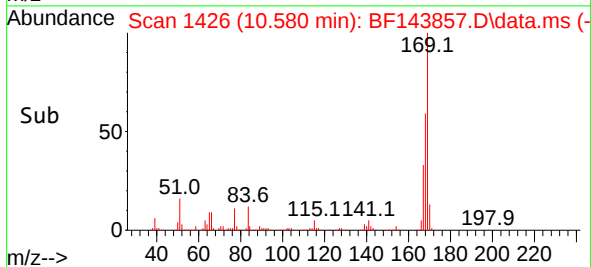
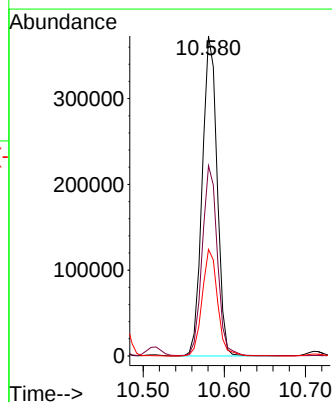
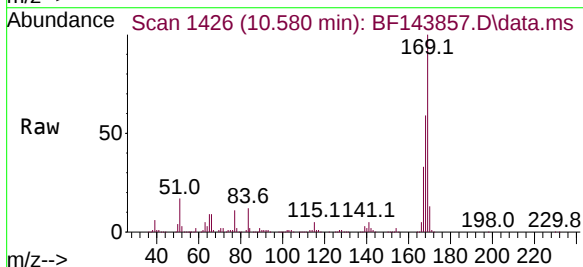
Instrument :
BNA_F
ClientSampleId :
PB169956BS

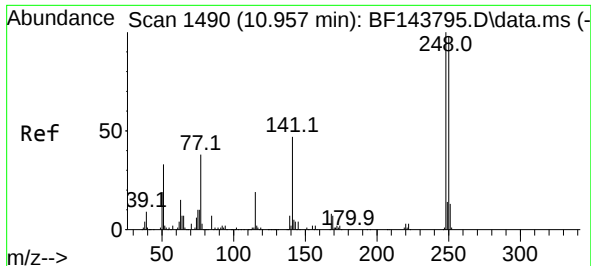
Tgt Ion:198 Resp: 63784
Ion Ratio Lower Upper
198 100
51 55.2 52.0 92.0
105 41.1 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 48.924 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:169 Resp: 474410
Ion Ratio Lower Upper
169 100
168 59.5 47.9 71.9
167 33.3 27.0 40.6

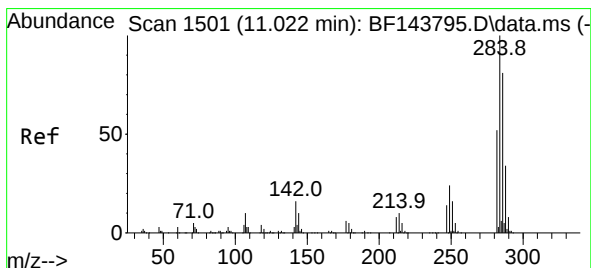
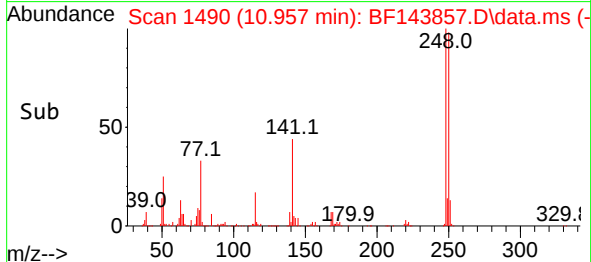
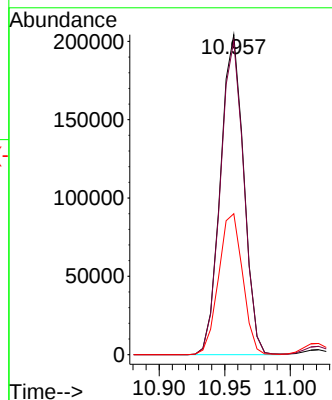
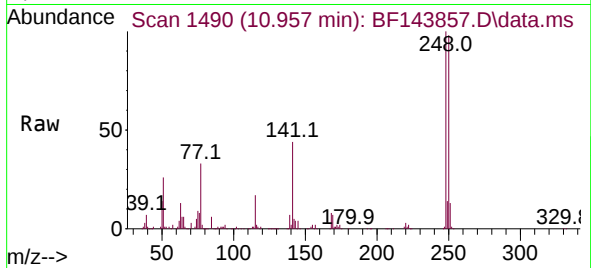




#67
4-Bromophenyl-phenylether
Concen: 50.253 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

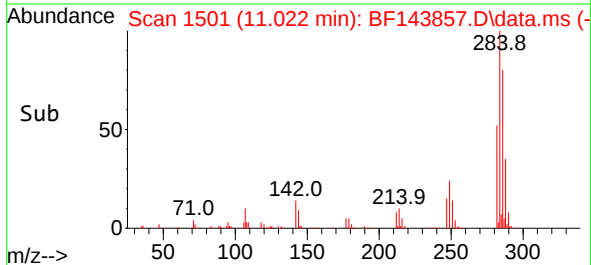
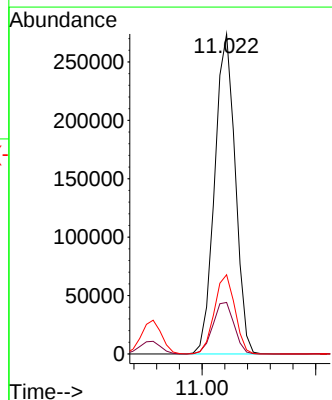
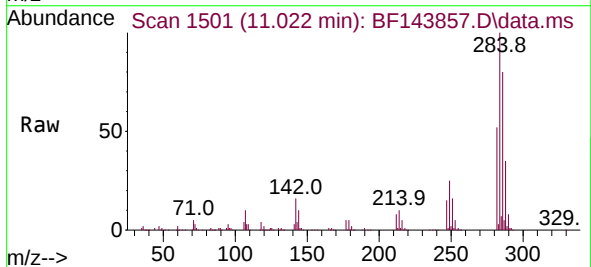
Instrument :
BNA_F
ClientSampleId :
PB169956BS

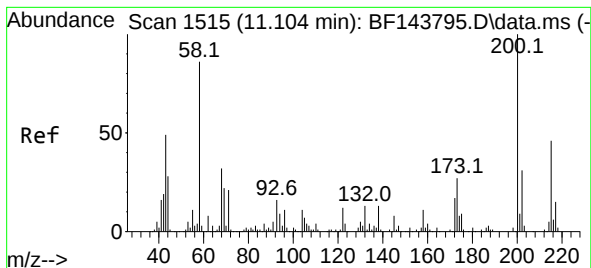
Tgt Ion:248 Resp: 252511
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 44.0 37.9 56.9



#68
Hexachlorobenzene
Concen: 49.641 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:284 Resp: 343748
Ion Ratio Lower Upper
284 100
142 16.1 13.1 19.7
249 24.7 19.5 29.3





#69

Atrazine

Concen: 50.628 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

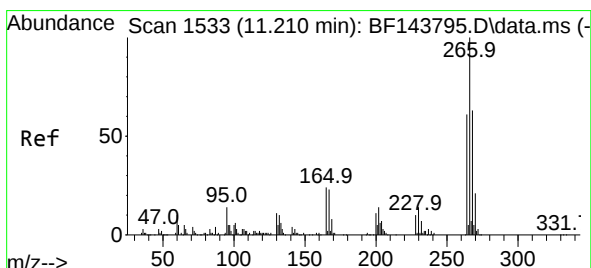
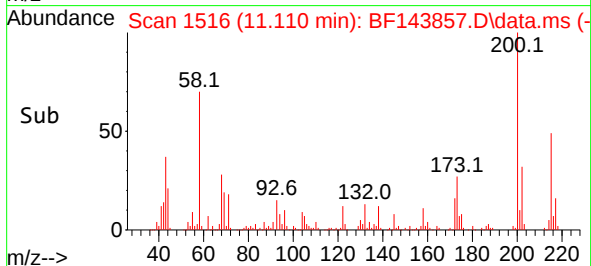
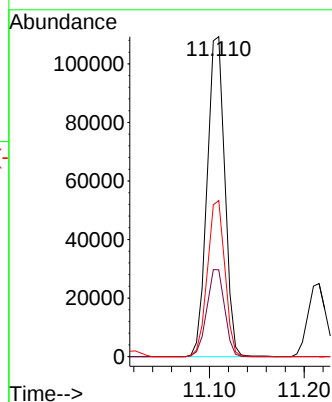
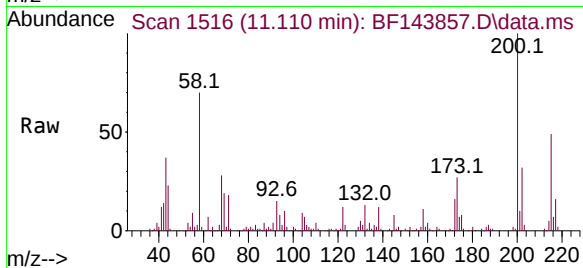
Tgt Ion:200 Resp: 142165

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

215 48.8 26.0 66.0



#70

Pentachlorophenol

Concen: 101.850 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

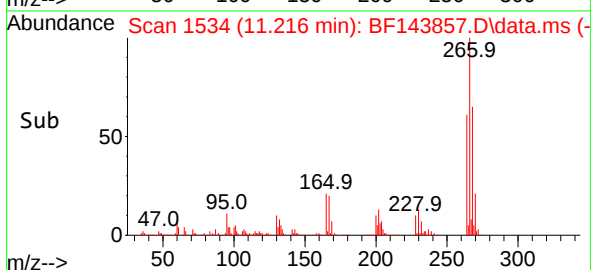
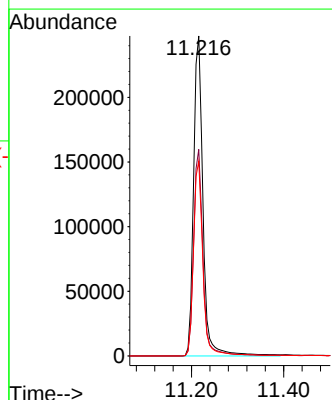
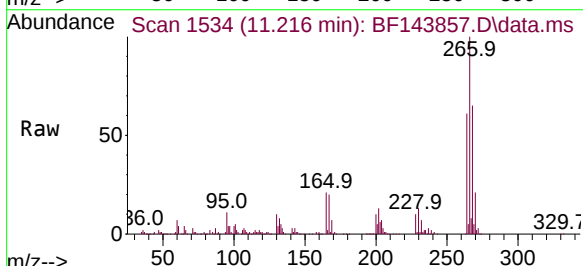
Tgt Ion:266 Resp: 351070

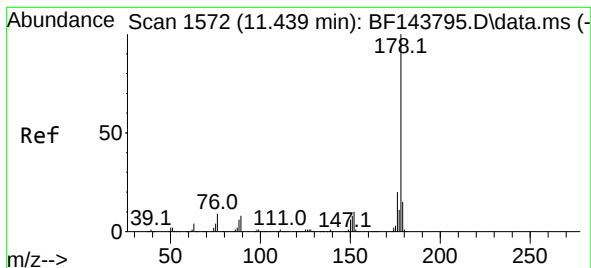
Ion Ratio Lower Upper

266 100

268 64.5 50.5 75.7

264 60.8 48.8 73.2





#71

Phenanthrene

Concen: 47.730 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

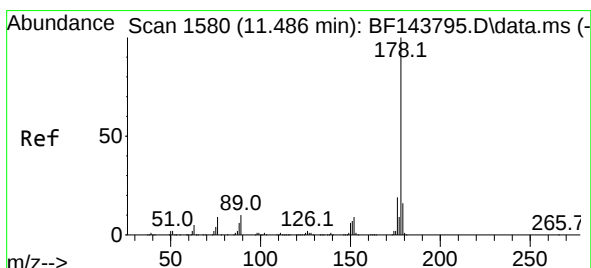
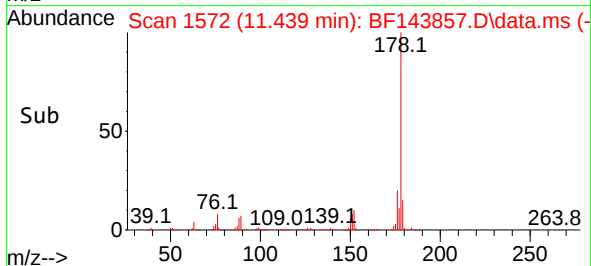
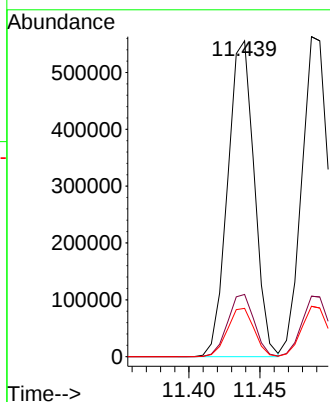
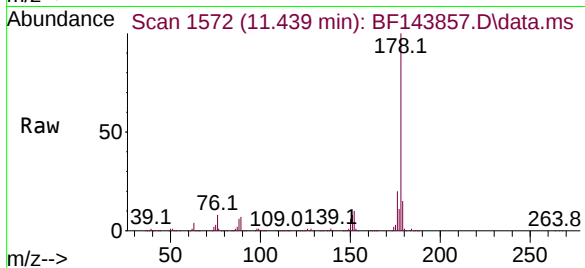
Tgt Ion:178 Resp: 722521

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.3 12.2 18.4



#72

Anthracene

Concen: 48.738 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

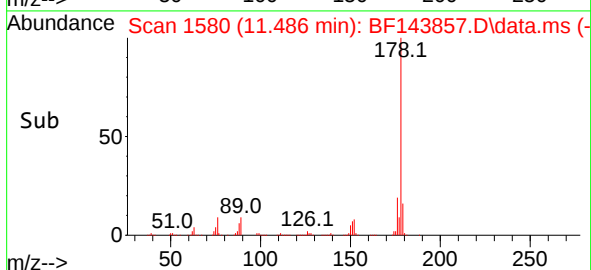
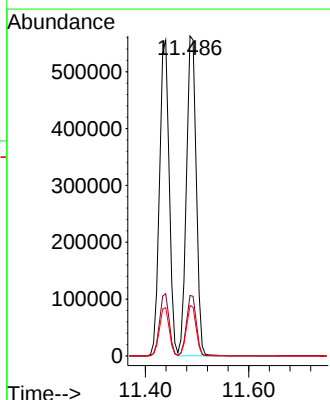
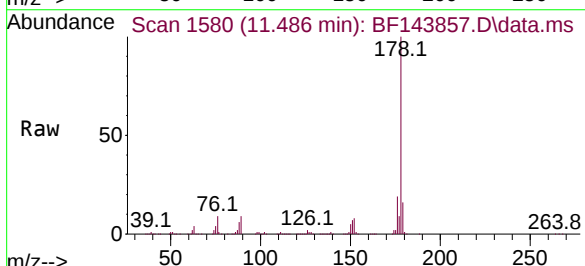
Tgt Ion:178 Resp: 740051

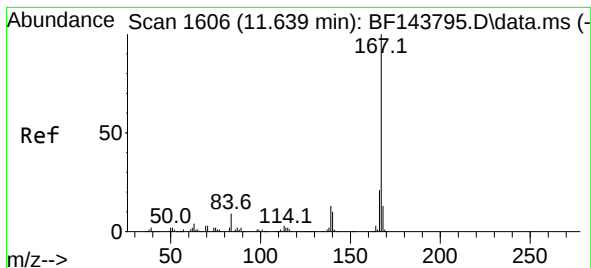
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.8 19.2





#73

Carbazole

Concen: 48.362 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

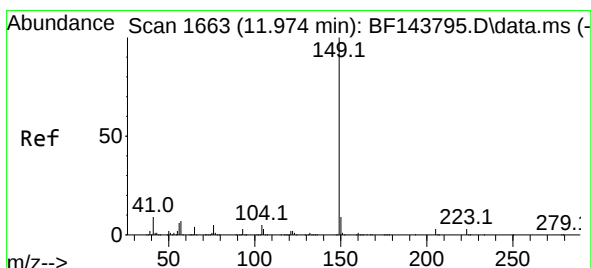
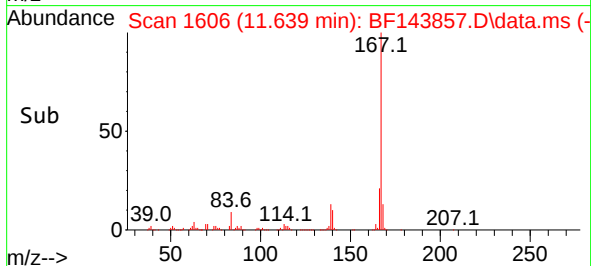
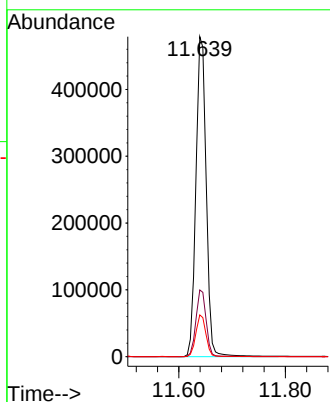
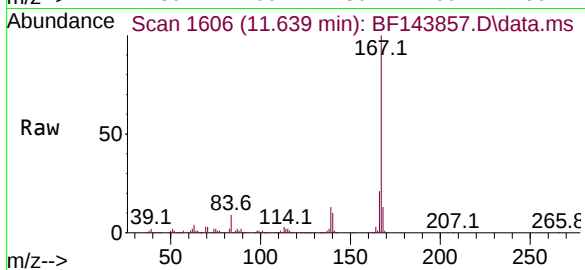
Tgt Ion:167 Resp: 642061

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.4

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 47.345 ng

RT: 11.974 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

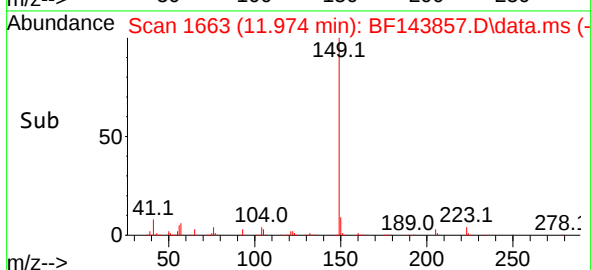
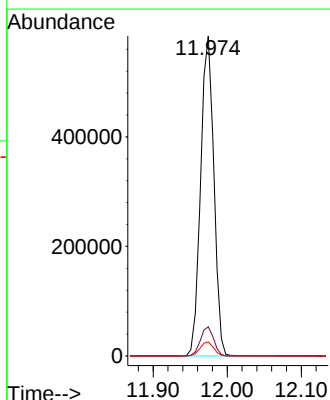
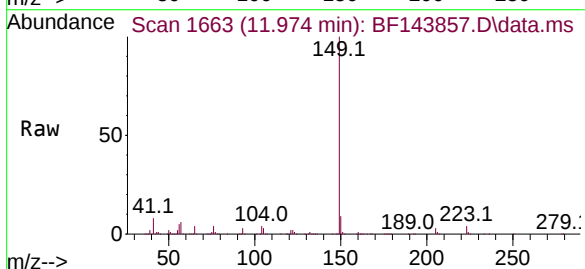
Tgt Ion:149 Resp: 722891

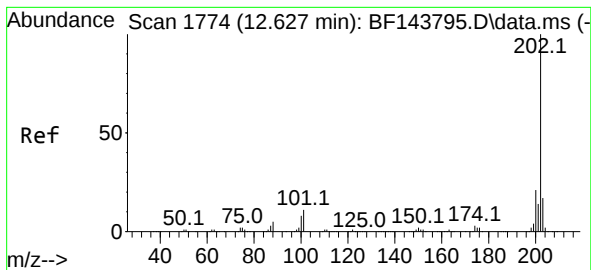
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.4 3.6 5.4

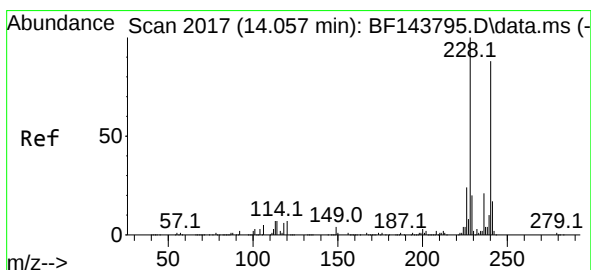
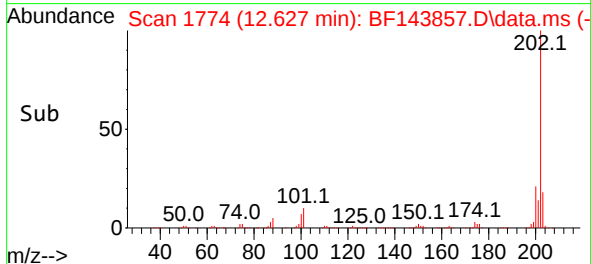
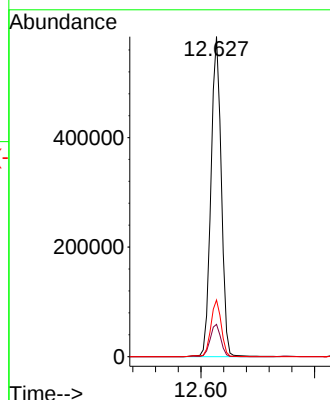
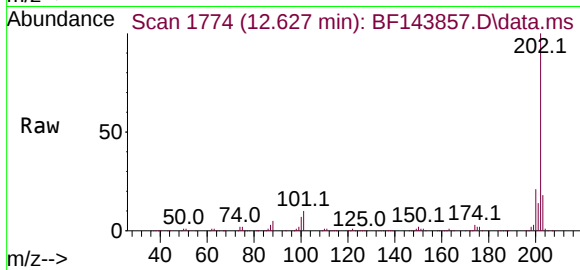




#75
Fluoranthene
Concen: 48.697 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

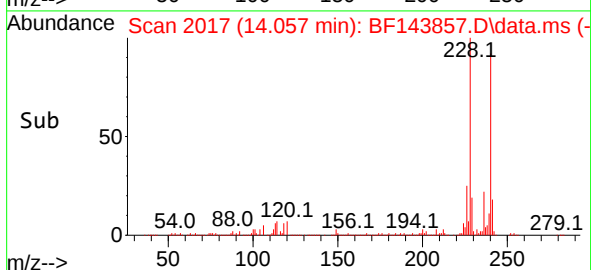
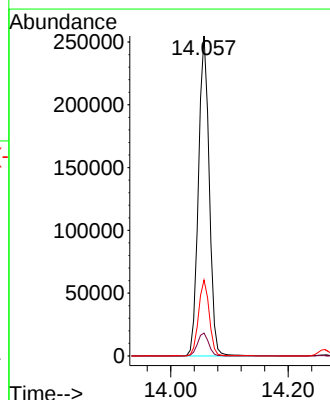
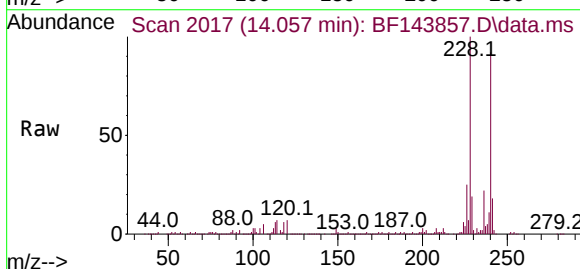
Instrument :
BNA_F
ClientSampleId :
PB169956BS

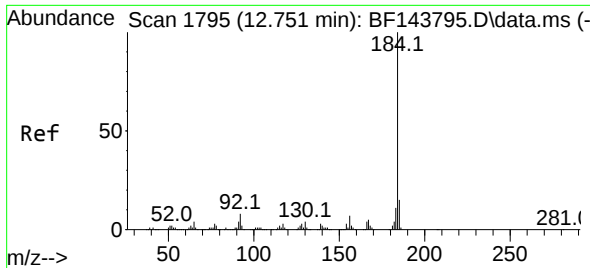
Tgt Ion:202 Resp: 741416
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:240 Resp: 323376
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.4
236 23.7 19.4 29.2

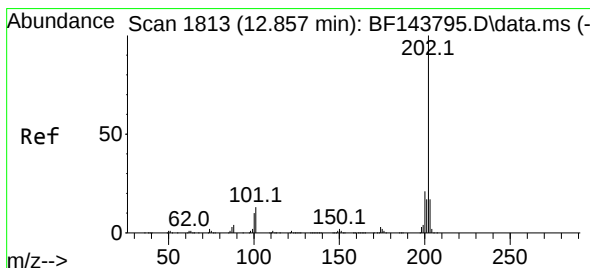
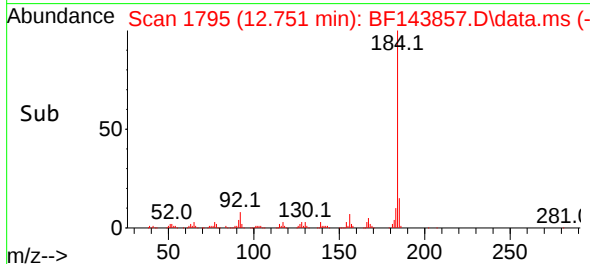
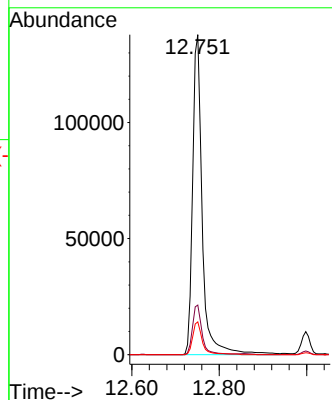
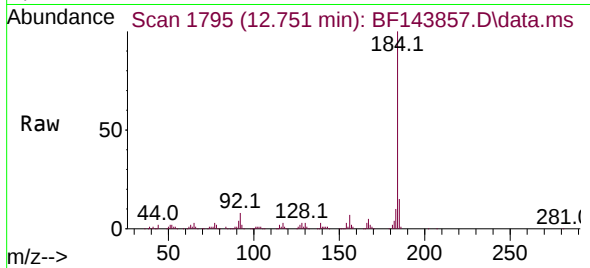




#77
Benzidine
Concen: 26.878 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

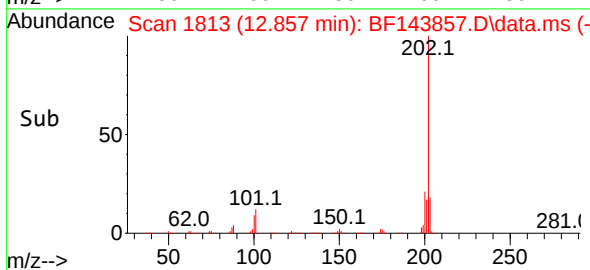
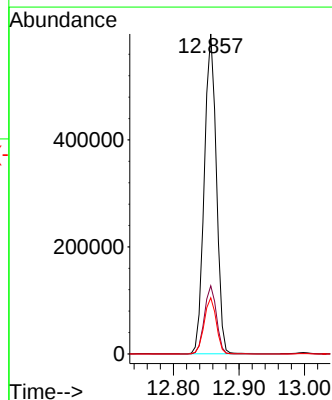
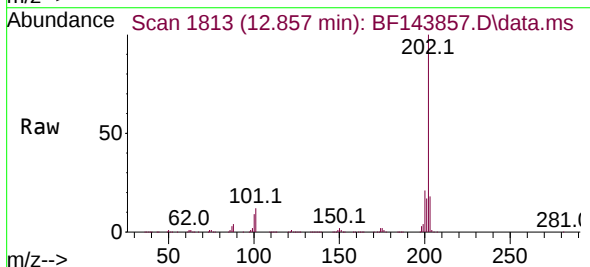
Instrument :
BNA_F
ClientSampleId :
PB169956BS

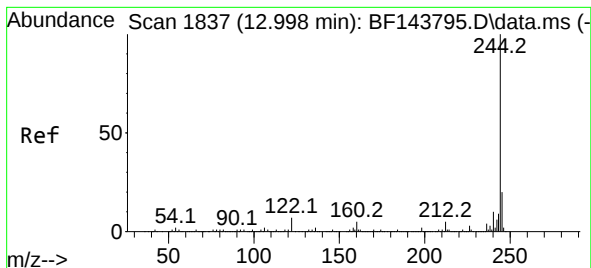
Tgt Ion:184 Resp: 211796
Ion Ratio Lower Upper
184 100
185 15.5 11.6 17.4
183 10.2 8.6 13.0



#78
Pyrene
Concen: 47.762 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:202 Resp: 759342
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 90.588 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

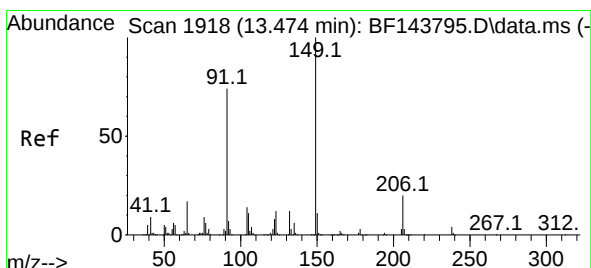
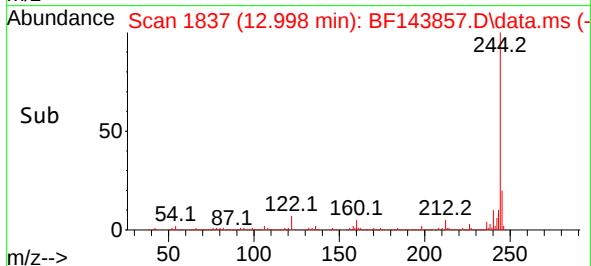
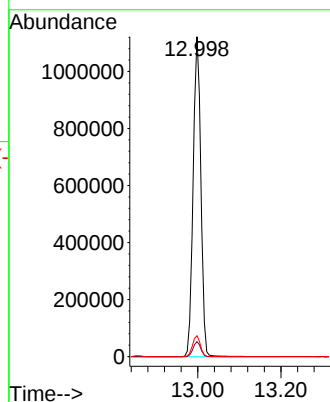
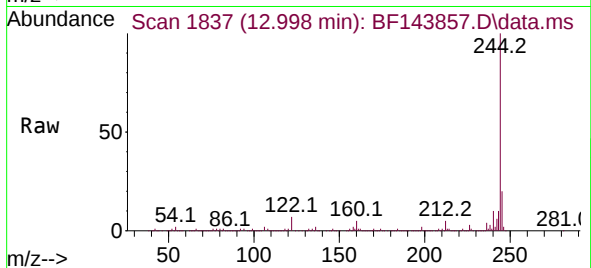
Tgt Ion:244 Resp: 1440393

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 51.951 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

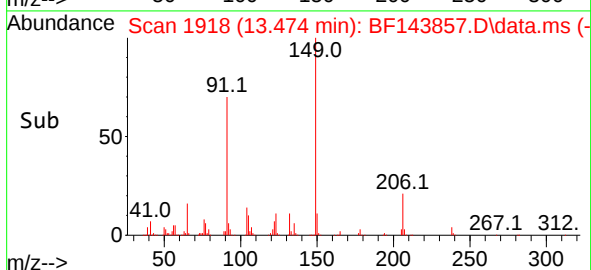
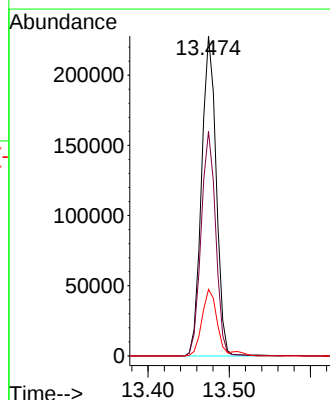
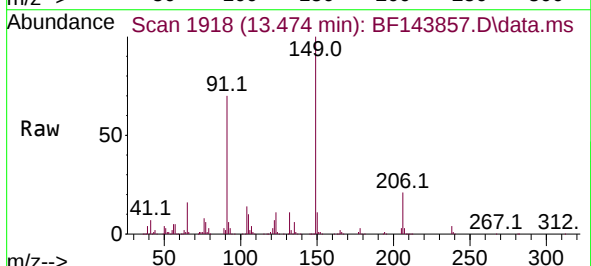
Tgt Ion:149 Resp: 285751

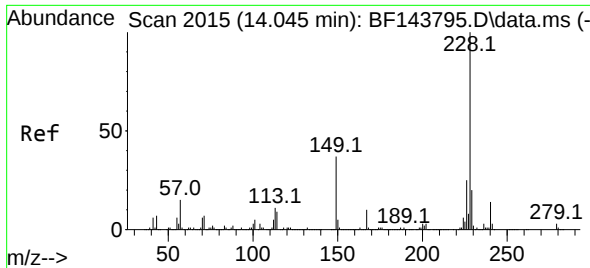
Ion Ratio Lower Upper

149 100

91 70.2 59.5 89.3

206 20.8 16.1 24.1

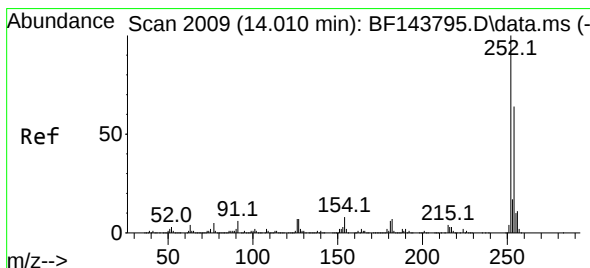
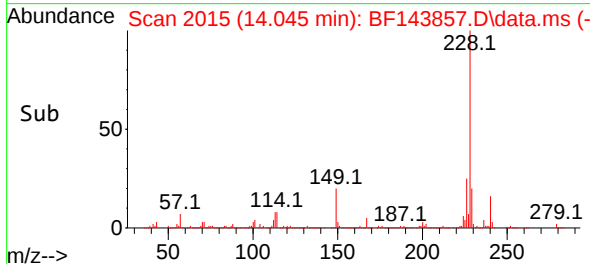
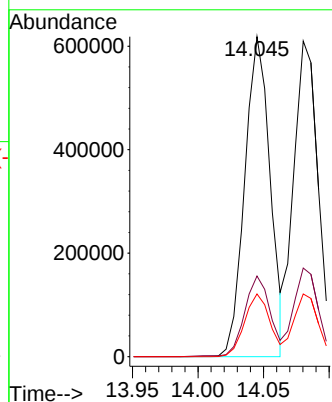
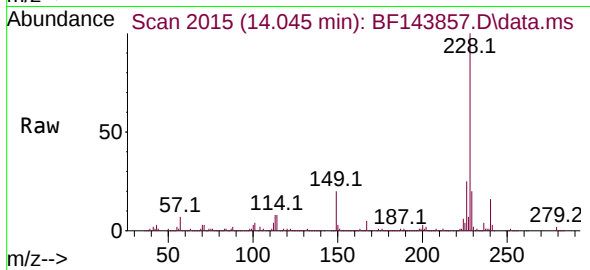




#81
Benzo(a)anthracene
Concen: 47.891 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

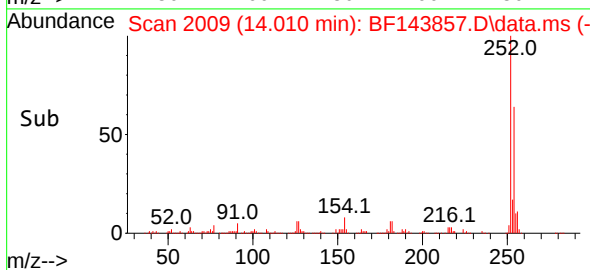
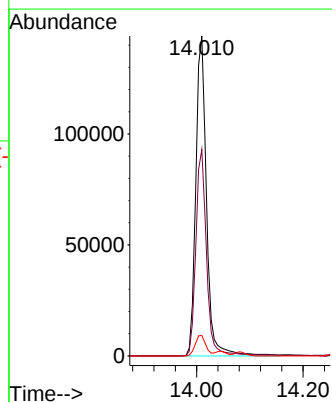
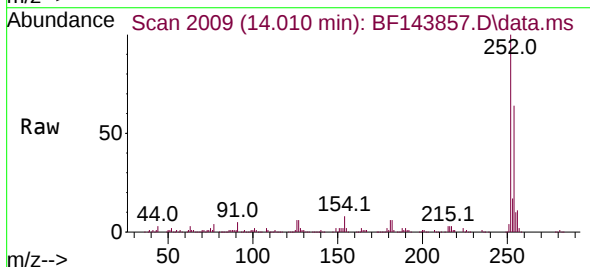
Instrument :
BNA_F
ClientSampleId :
PB169956BS

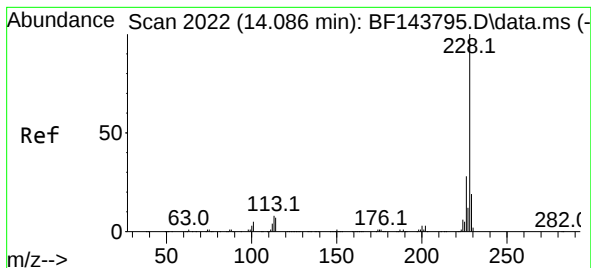
Tgt Ion:228 Resp: 831979
Ion Ratio Lower Upper
228 100
226 25.2 20.2 30.2
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 26.863 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:252 Resp: 202170
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 6.4 5.4 8.2





#83

Chrysene

Concen: 50.473 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

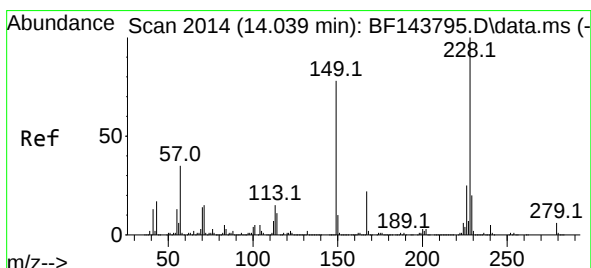
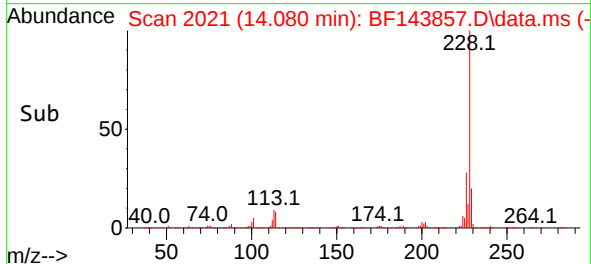
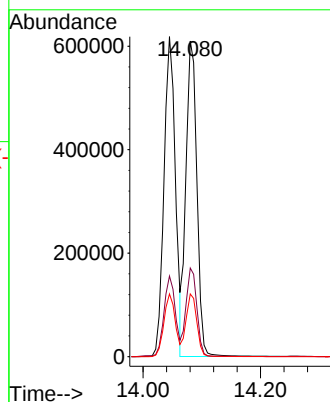
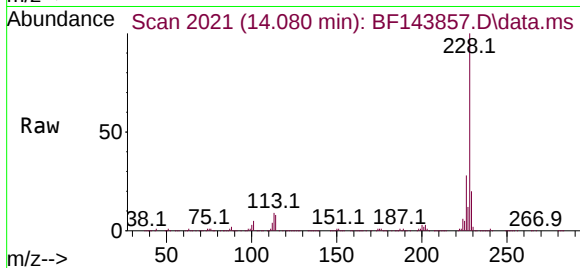
Tgt Ion:228 Resp: 793420

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.931 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

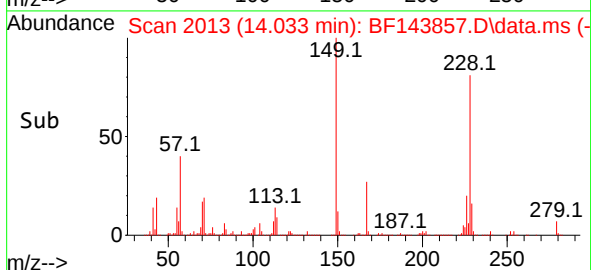
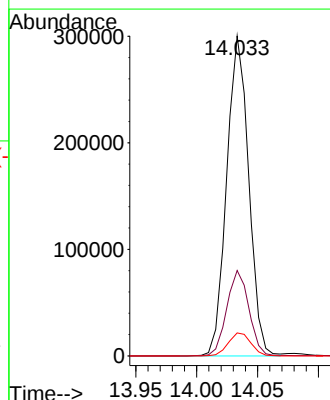
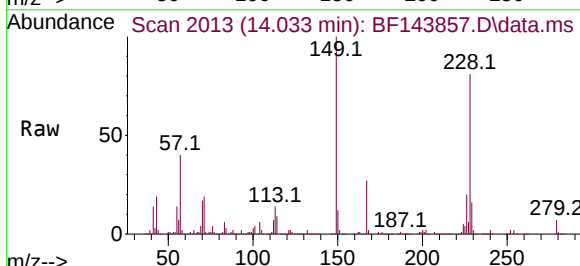
Tgt Ion:149 Resp: 378375

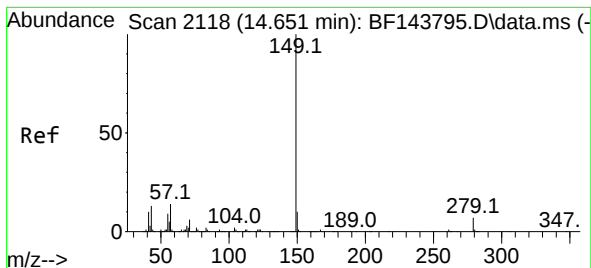
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

279 7.2 6.0 9.0

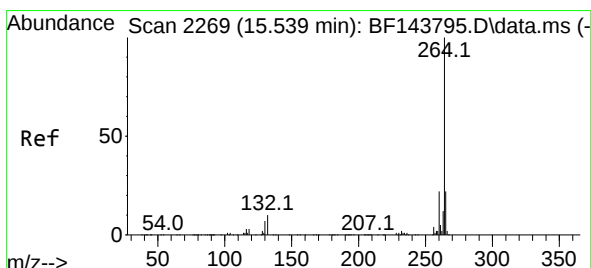
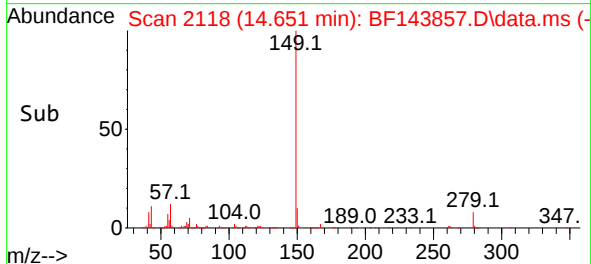
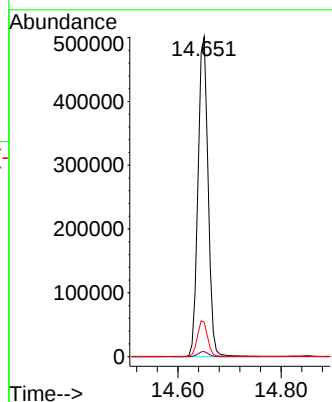
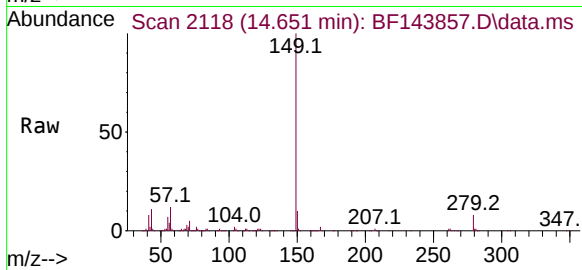




#85
Di-n-octyl phthalate
Concen: 46.445 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

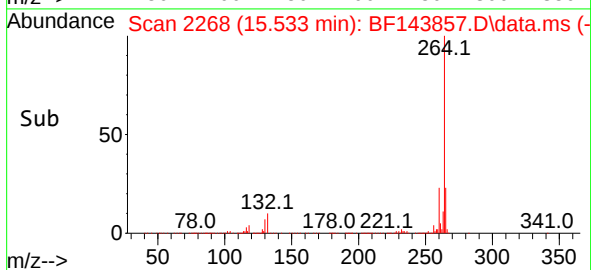
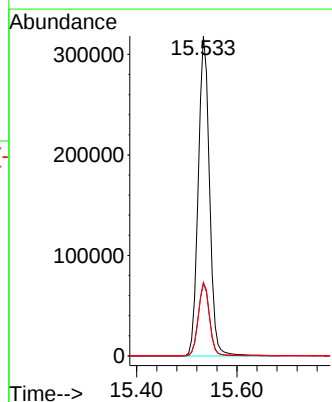
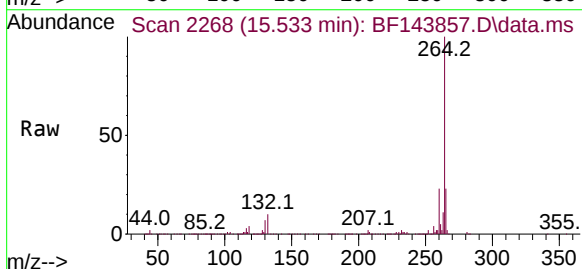
Instrument :
BNA_F
ClientSampleId :
PB169956BS

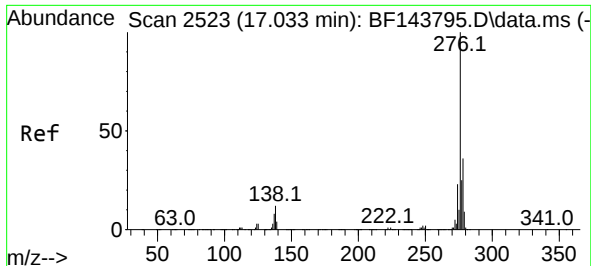
Tgt Ion:149 Resp: 679250
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.2 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:264 Resp: 496443
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.6 17.7 26.5

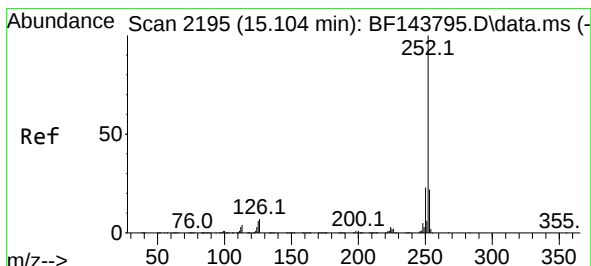
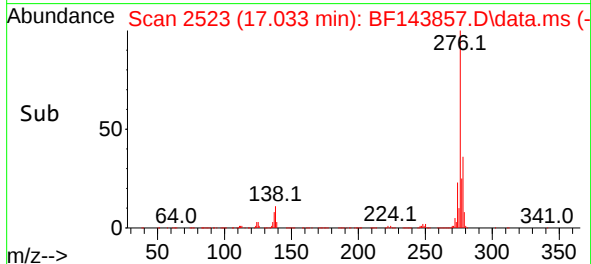
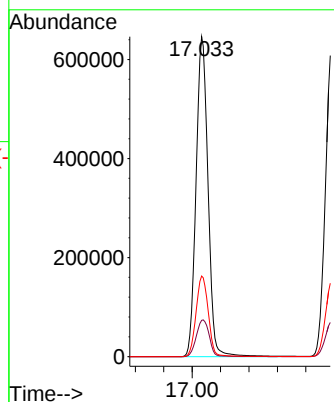
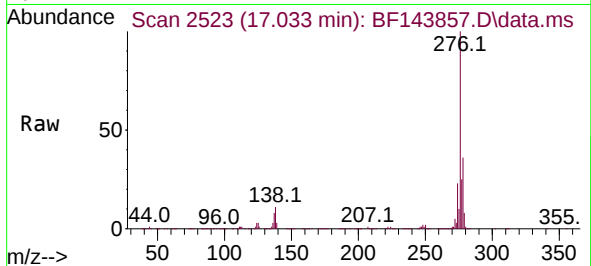




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.011 ng
 RT: 17.033 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143857.D
 Acq: 02 Oct 2025 16:09

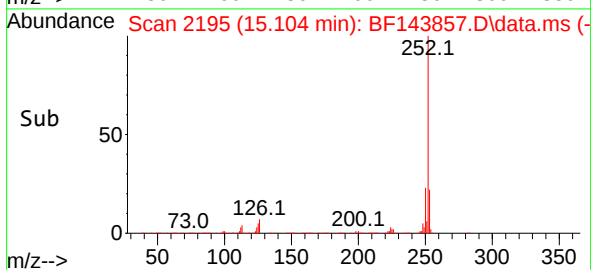
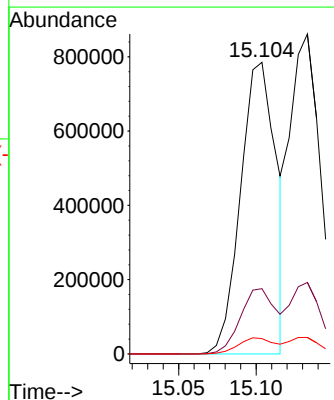
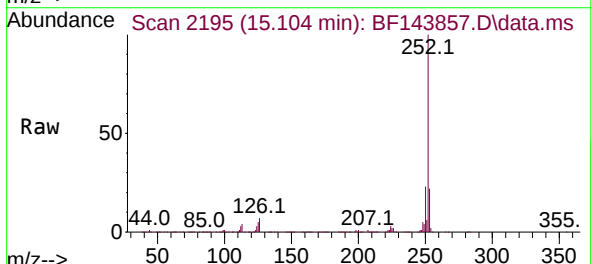
Instrument :
 BNA_F
 ClientSampleId :
 PB169956BS

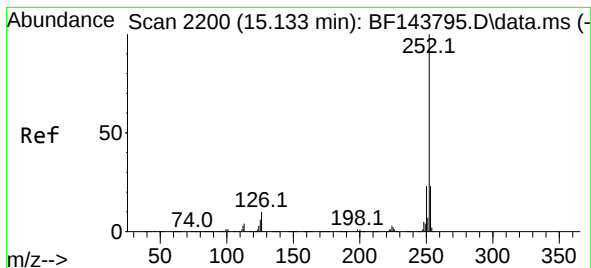
Tgt Ion:276 Resp: 1883767
 Ion Ratio Lower Upper
 276 100
 138 12.4 10.6 15.8
 277 25.7 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 49.686 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BF143857.D
 Acq: 02 Oct 2025 16:09

Tgt Ion:252 Resp: 1256120
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 5.2 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 47.143 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169956BS

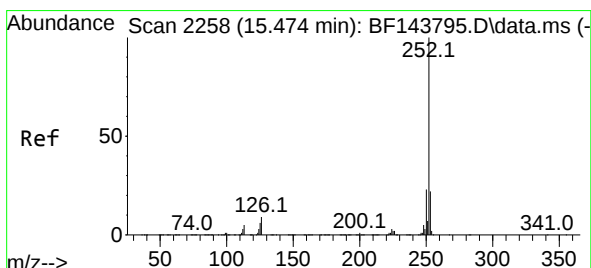
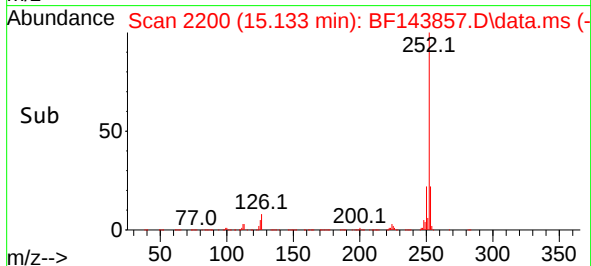
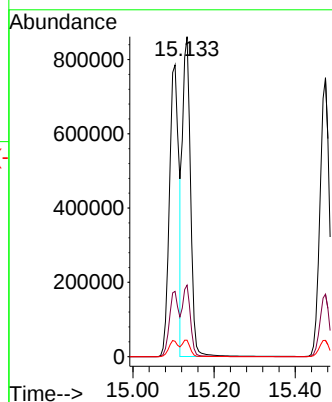
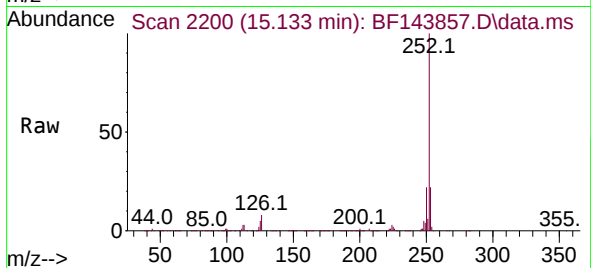
Tgt Ion:252 Resp: 1197398

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 5.1 4.6 6.8



#90

Benzo(a)pyrene

Concen: 51.040 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143857.D

Acq: 02 Oct 2025 16:09

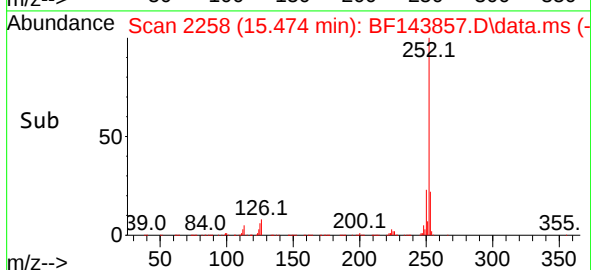
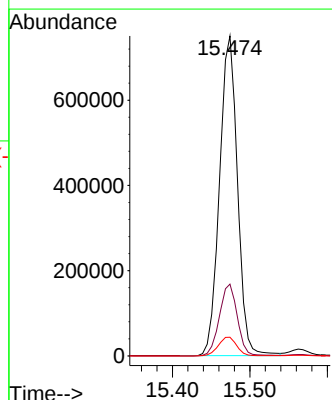
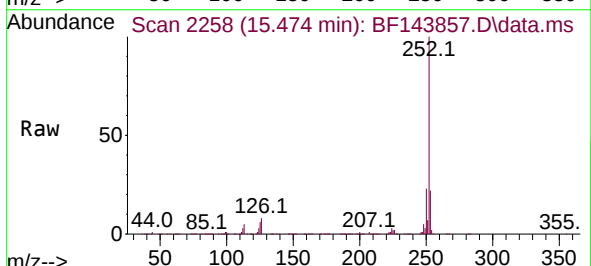
Tgt Ion:252 Resp: 1212912

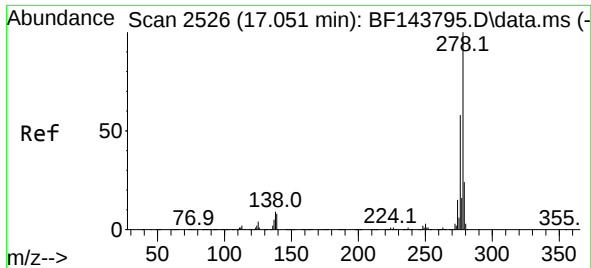
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 5.8 5.0 7.4

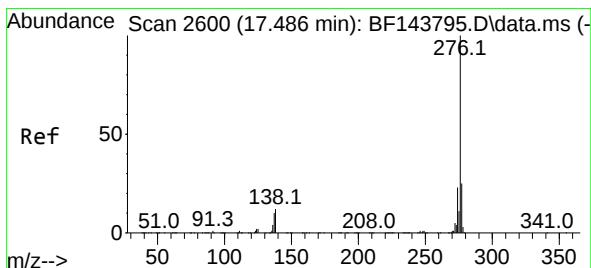
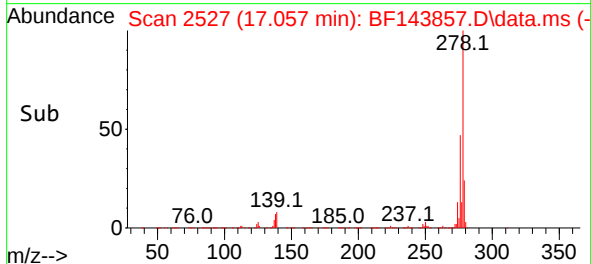
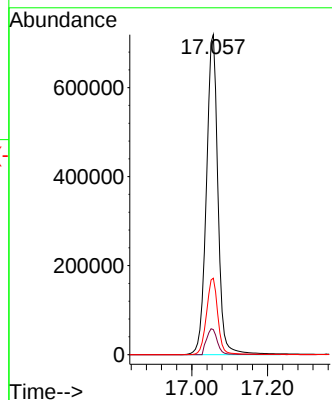
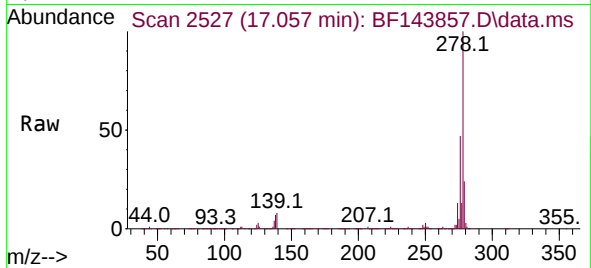




#91
Dibenzo(a,h)anthracene
Concen: 49.504 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB169956BS

Tgt Ion:278 Resp: 1525124
Ion Ratio Lower Upper
278 100
139 7.8 6.7 10.1
279 23.9 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 52.598 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143857.D
Acq: 02 Oct 2025 16:09

Tgt Ion:276 Resp: 1562075
Ion Ratio Lower Upper
276 100
277 24.3 19.6 29.4
138 10.9 9.2 13.8

