

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143795.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Sep 23 17:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113314	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405913	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	304940	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365989	20.000	ng	0.00
86) Perylene-d12	15.539	264	525577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	602322	85.545	ng	0.00
7) Phenol-d6	6.504	99	690438	83.097	ng	0.00
23) Nitrobenzene-d5	7.445	82	573383	88.897	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	256232	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1056299	79.854	ng	0.00
79) Terphenyl-d14	12.998	244	1496108	80.257	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.634	88	144938	43.417	ng	100
3) Pyridine	3.399	79	390716	43.360	ng	100
4) n-Nitrosodimethylamine	3.340	42	192963	42.707	ng	100
6) Aniline	6.545	93	486101	41.561	ng	100
8) 2-Chlorophenol	6.669	128	302589	42.379	ng	100
9) Benzaldehyde	6.434	77	332514	47.119	ng	100
10) Phenol	6.516	94	420964	44.942	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	309829	42.197	ng	100
12) 1,3-Dichlorobenzene	6.828	146	350005	42.220	ng	100
13) 1,4-Dichlorobenzene	6.904	146	348233	42.092	ng	100
14) 1,2-Dichlorobenzene	7.057	146	328481	41.922	ng	100
15) Benzyl Alcohol	7.022	79	246535	42.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	732266	42.058	ng	100
17) 2-Methylphenol	7.128	107	231425	41.866	ng	100
18) Hexachloroethane	7.398	117	123042	42.290	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	207240	39.992	ng	100
20) 3+4-Methylphenols	7.281	107	288081	42.795	ng	100
22) Acetophenone	7.292	105	375588	42.128	ng	100
24) Nitrobenzene	7.463	77	315613	42.939	ng	100
25) Isophorone	7.704	82	546218	42.269	ng	100
26) 2-Nitrophenol	7.781	139	120369	40.347	ng	100
27) 2,4-Dimethylphenol	7.810	122	246324	42.648	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	354402	42.213	ng	100
29) 2,4-Dichlorophenol	8.022	162	242031	42.587	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	250976	42.554	ng	100
31) Naphthalene	8.192	128	814068	41.894	ng	100
32) Benzoic acid	7.892	122	114033	40.921	ng	100
33) 4-Chloroaniline	8.233	127	288280	42.217	ng	100
34) Hexachlorobutadiene	8.310	225	188867	42.957	ng	100
35) Caprolactam	8.586	113	60592	41.712	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	224136	42.051	ng	100
37) 2-Methylnaphthalene	8.881	142	515616	41.614	ng	100
38) 1-Methylnaphthalene	8.981	142	496939	41.901	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	245432	41.605	ng	100
41) Hexachlorocyclopentadiene	9.033	237	163505	43.733	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164818	44.620	ng	100

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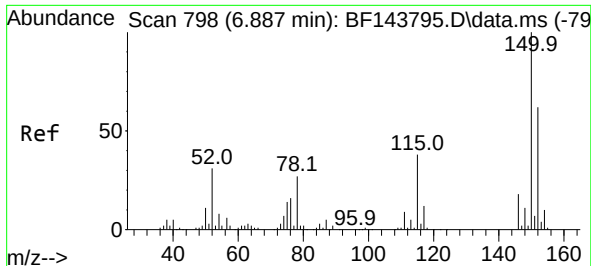
Quant Time: Sep 23 17:06:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	165369	42.801	ng	100
46) 1,1'-Biphenyl	9.345	154	584522	41.309	ng	100
47) 2-Chloronaphthalene	9.369	162	474899	41.694	ng	100
48) 2-Nitroaniline	9.463	65	156231	45.383	ng	100
49) Acenaphthylene	9.786	152	660923	42.150	ng	100
50) Dimethylphthalate	9.639	163	502623	42.186	ng	100
51) 2,6-Dinitrotoluene	9.704	165	89151	45.543	ng	100
52) Acenaphthene	9.957	154	433748	42.036	ng	100
53) 3-Nitroaniline	9.869	138	110739	46.671	ng	100
54) 2,4-Dinitrophenol	9.975	184	24685	41.301	ng	100
55) Dibenzofuran	10.128	168	610393	41.833	ng	100
56) 4-Nitrophenol	10.016	139	81189	42.462	ng	100
57) 2,4-Dinitrotoluene	10.104	165	120114	41.745	ng	100
58) Fluorene	10.475	166	448265	41.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	145681	44.013	ng	100
60) Diethylphthalate	10.345	149	473302	42.438	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	230643	41.729	ng	100
62) 4-Nitroaniline	10.480	138	103193	46.254	ng	100
63) Azobenzene	10.627	77	499929	42.532	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	42447	40.163	ng	100
66) n-Nitrosodiphenylamine	10.580	169	416100	41.492	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	219921	42.319	ng	100
68) Hexachlorobenzene	11.022	284	300364	41.941	ng	100
69) Atrazine	11.104	200	128423	44.222	ng	100
70) Pentachlorophenol	11.210	266	156073	43.781	ng	100
71) Phenanthrene	11.439	178	660040	42.160	ng	100
72) Anthracene	11.486	178	660736	42.075	ng	100
73) Carbazole	11.639	167	595454	43.368	ng	100
74) Di-n-butylphthalate	11.974	149	705755	44.694	ng	100
75) Fluoranthene	12.627	202	697899	44.322	ng	100
77) Benzidine	12.751	184	374182	41.956	ng	100
78) Pyrene	12.857	202	735401	40.870	ng	100
80) Butylbenzylphthalate	13.474	149	286527	46.027	ng	100
81) Benzo(a)anthracene	14.045	228	840188	42.732	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	363730	42.702	ng	100
83) Chrysene	14.086	228	744962	41.873	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	408417	44.759	ng	100
85) Di-n-octyl phthalate	14.651	149	741702	44.811	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	1690390	42.389	ng	100
88) Benzo(b)fluoranthene	15.104	252	1160651	43.365	ng	100
89) Benzo(k)fluoranthene	15.133	252	1144789	42.573	ng	100
90) Benzo(a)pyrene	15.474	252	1079512	42.908	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1399884	42.920	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1344334	42.757	ng	100

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

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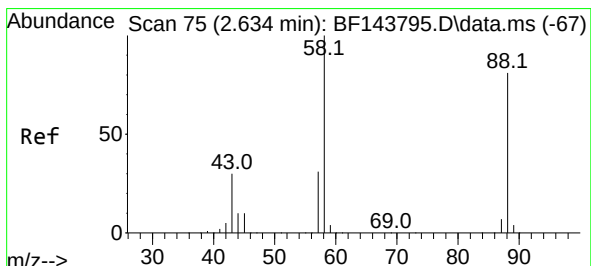
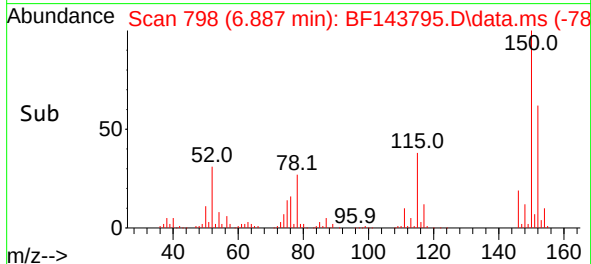
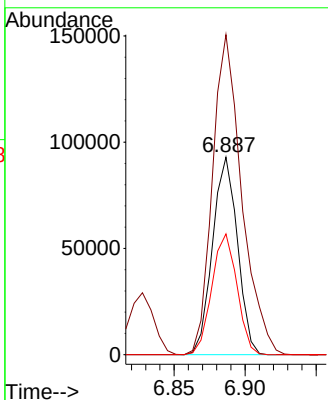
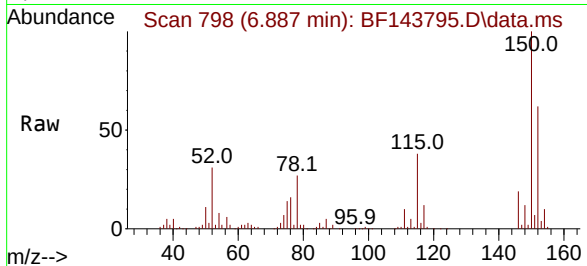




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

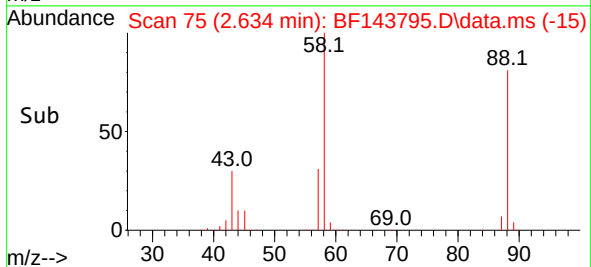
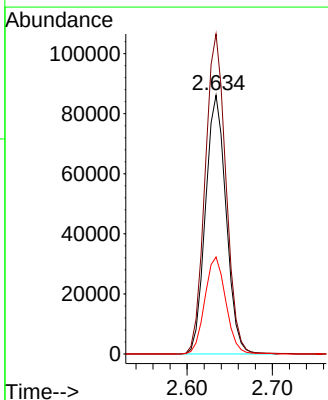
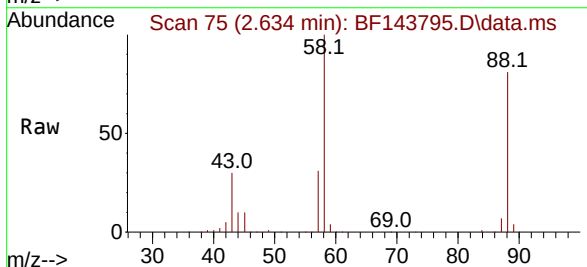
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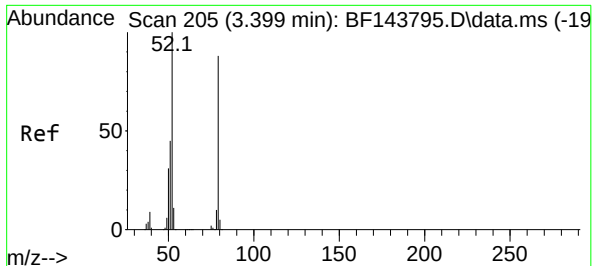
Tgt Ion:152 Resp: 113314
 Ion Ratio Lower Upper
 152 100
 150 162.0 129.6 194.4
 115 61.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 43.417 ng
 RT: 2.634 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

Tgt Ion: 88 Resp: 144938
 Ion Ratio Lower Upper
 88 100
 58 124.3 99.4 149.2
 43 38.2 30.6 45.8

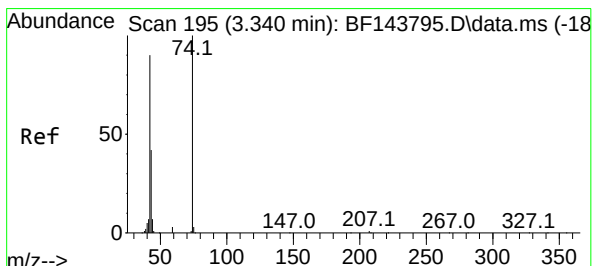
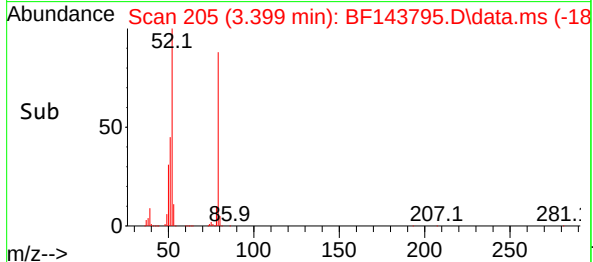
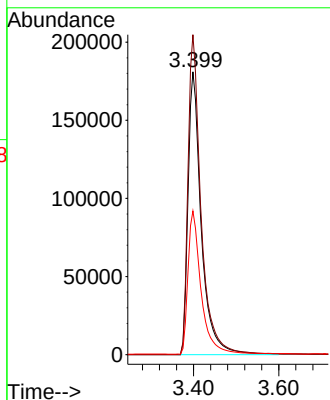
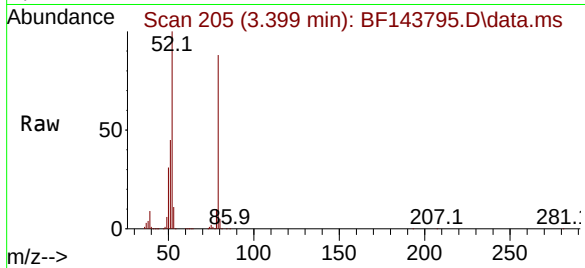




#3
Pyridine
Concen: 43.360 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

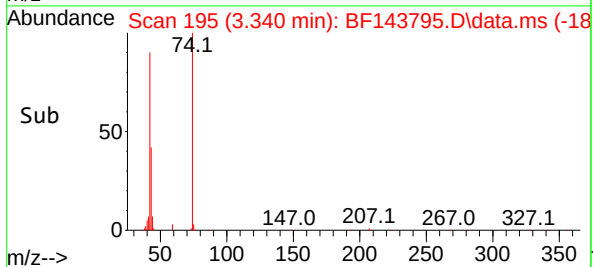
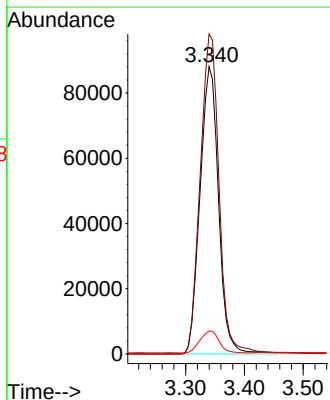
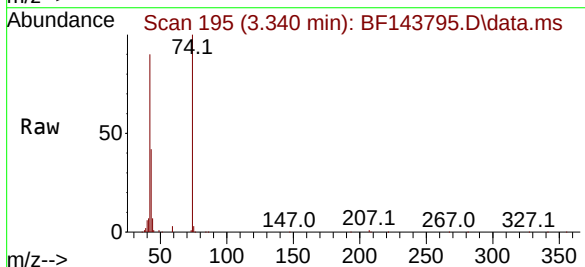
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BNA_F
ClientSampleId :
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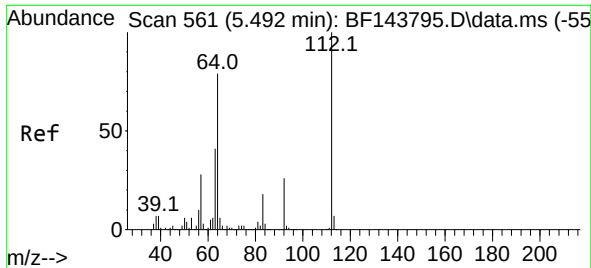
Tgt Ion: 79 Resp: 390716
Ion Ratio Lower Upper
79 100
52 113.1 90.5 135.7
51 50.8 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 42.707 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 42 Resp: 192963
Ion Ratio Lower Upper
42 100
74 111.4 89.1 133.7
44 8.0 6.4 9.6

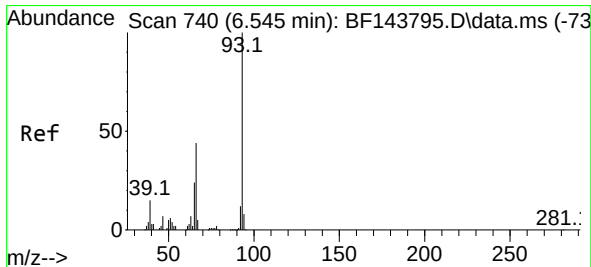
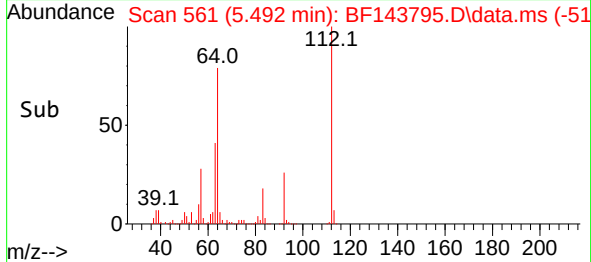
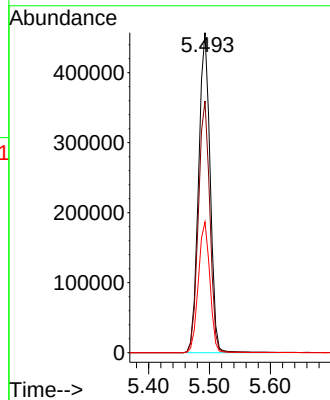
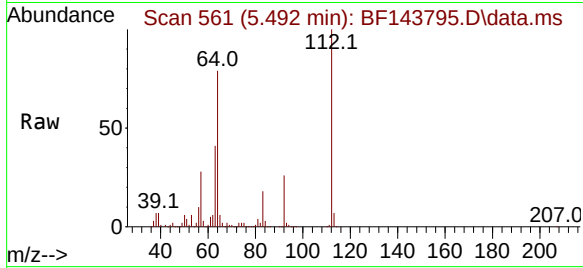




#5
2-Fluorophenol
Concen: 85.545 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

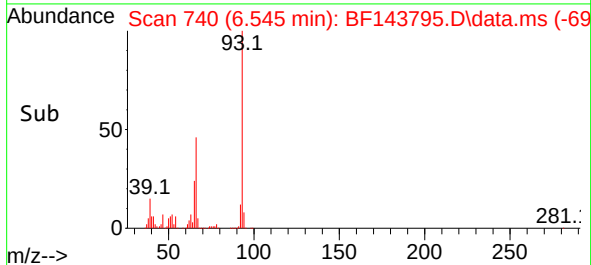
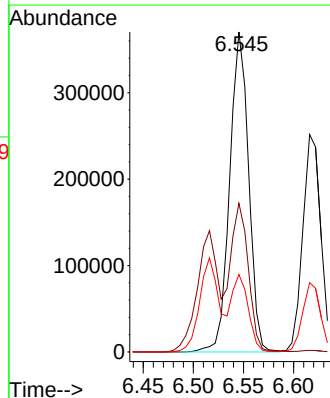
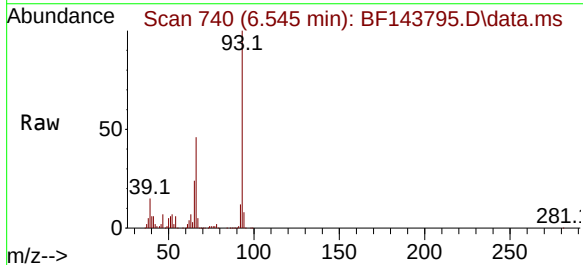
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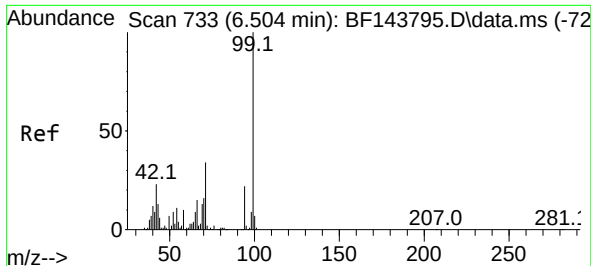
Tgt Ion:112 Resp: 602322
Ion Ratio Lower Upper
112 100
64 78.7 63.0 94.4
63 40.8 32.6 49.0



#6
Aniline
Concen: 41.561 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 93 Resp: 486101
Ion Ratio Lower Upper
93 100
66 46.4 37.1 55.7
65 24.2 19.4 29.0

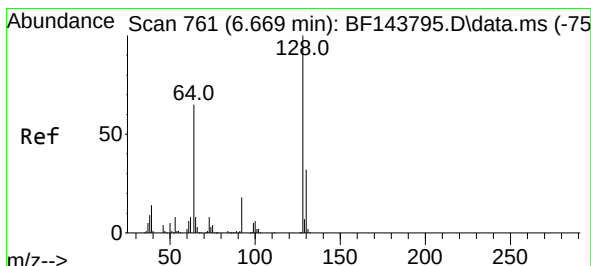
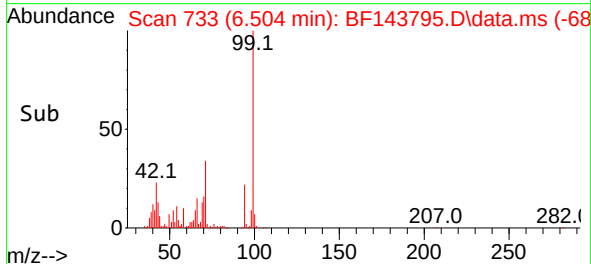
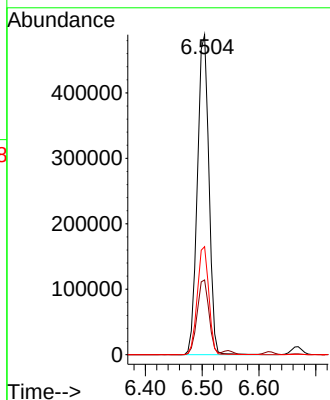
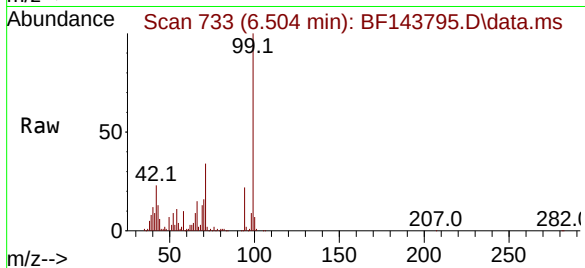




#7
Phenol-d6
Concen: 83.097 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

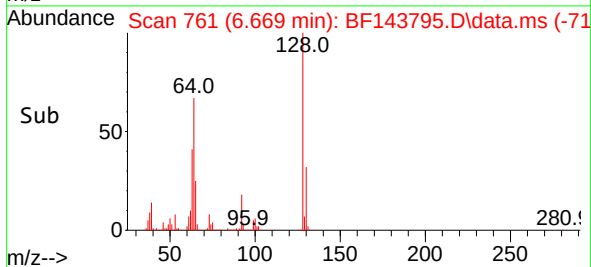
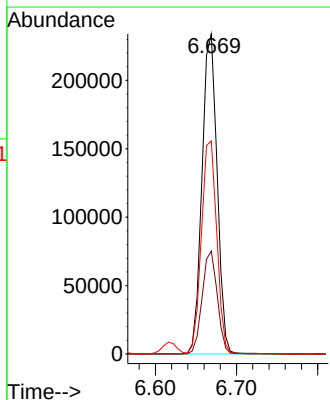
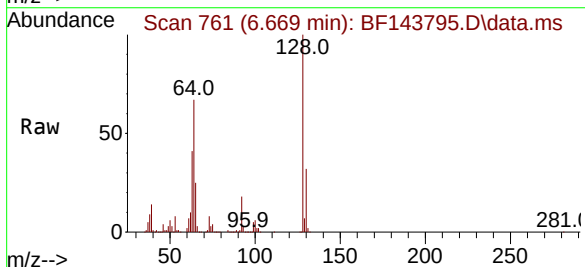
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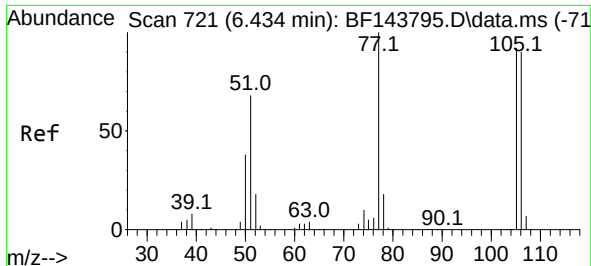
Tgt Ion: 99 Resp: 690438
Ion Ratio Lower Upper
99 100
42 23.3 18.6 28.0
71 33.7 27.0 40.4



#8
2-Chlorophenol
Concen: 42.379 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 128 Resp: 302589
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 66.5 46.5 86.5





#9

Benzaldehyde

Concen: 47.119 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

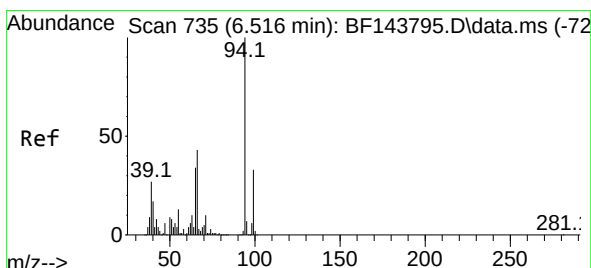
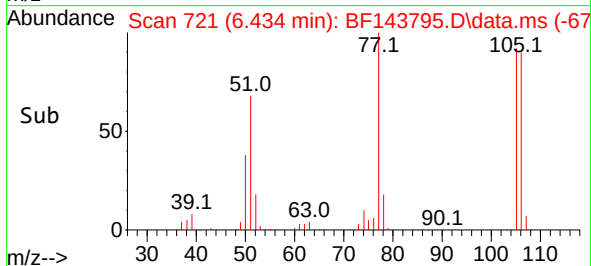
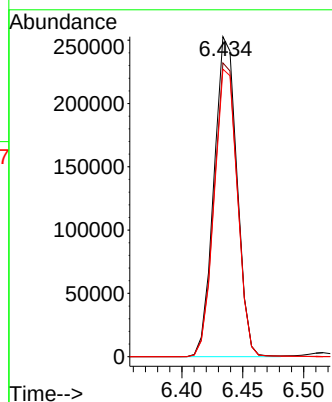
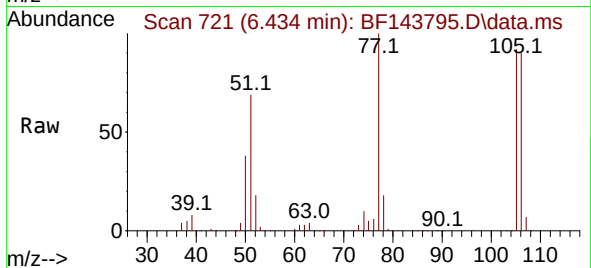
Tgt Ion: 77 Resp: 332514

Ion Ratio Lower Upper

77 100

105 91.8 71.8 111.8

106 89.8 69.8 109.8



#10

Phenol

Concen: 44.942 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

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Acq: 23 Sep 2025 13:59

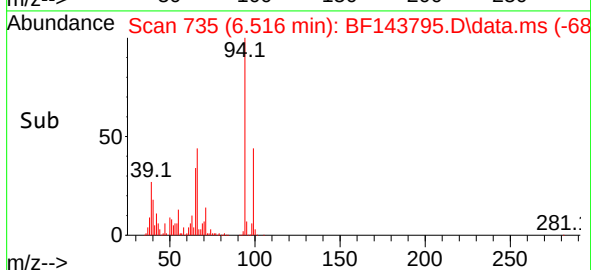
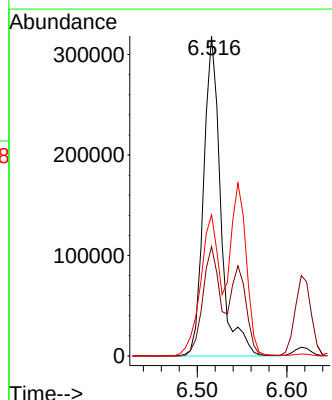
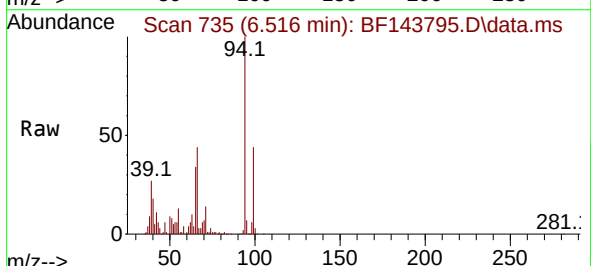
Tgt Ion: 94 Resp: 420964

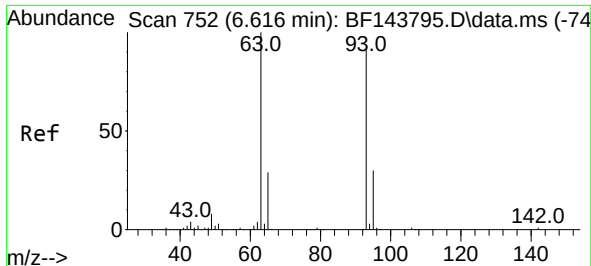
Ion Ratio Lower Upper

94 100

65 34.2 14.2 54.2

66 44.1 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.197 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

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SSTDICCC040

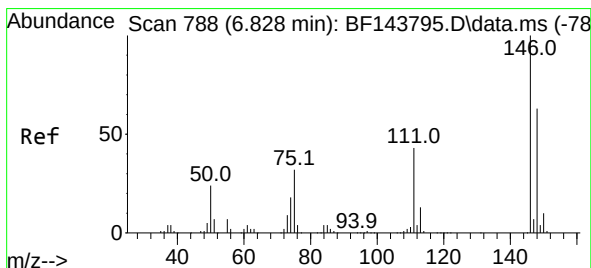
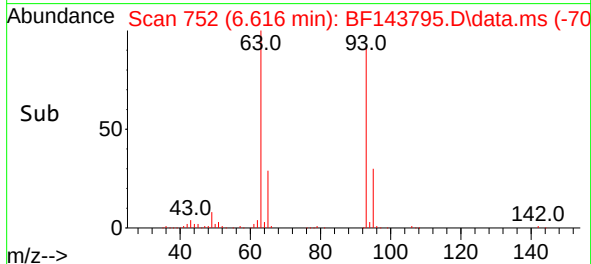
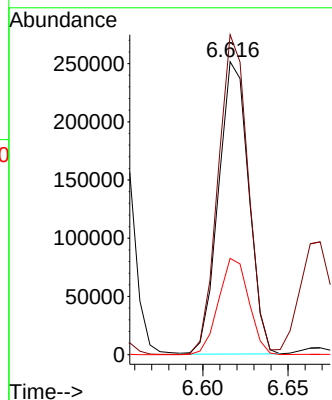
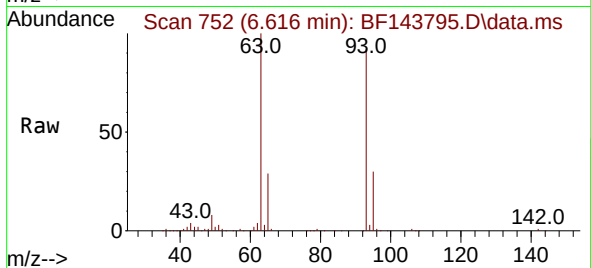
Tgt Ion: 93 Resp: 309829

Ion Ratio Lower Upper

93 100

63 109.2 89.2 129.2

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 42.220 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

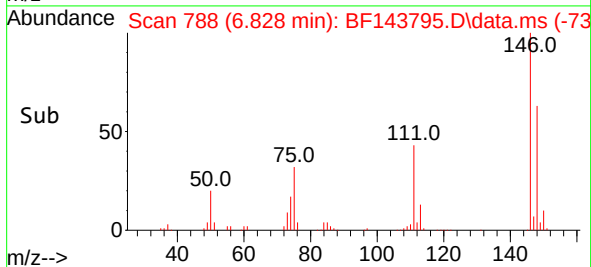
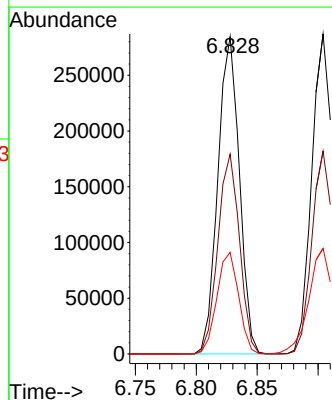
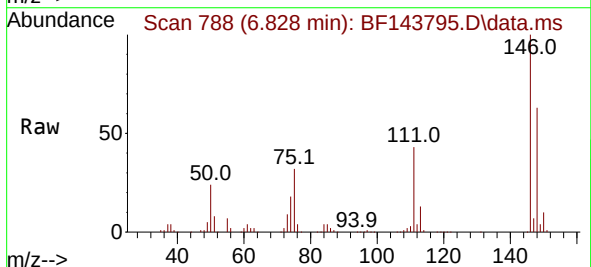
Tgt Ion:146 Resp: 350005

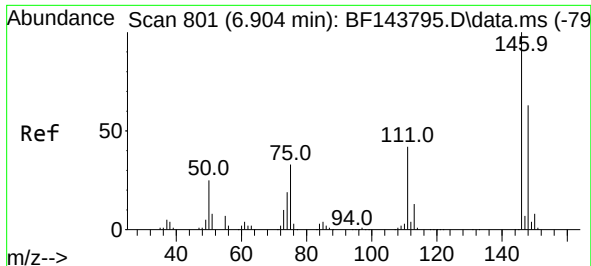
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

75 32.0 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.092 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

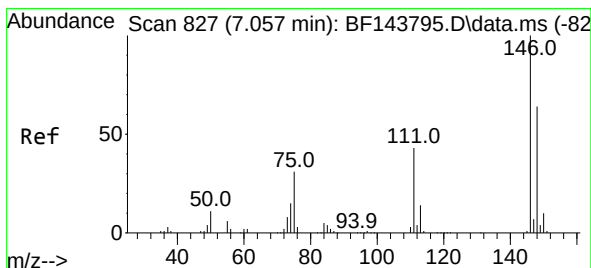
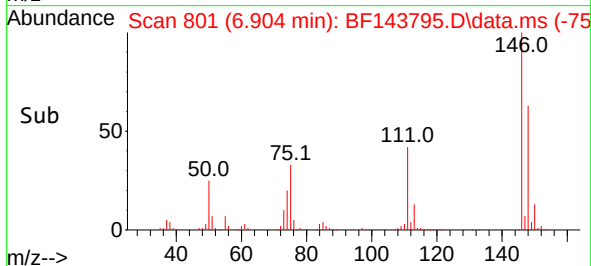
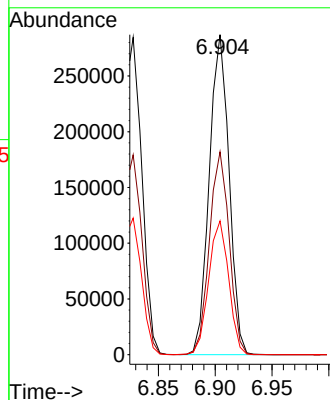
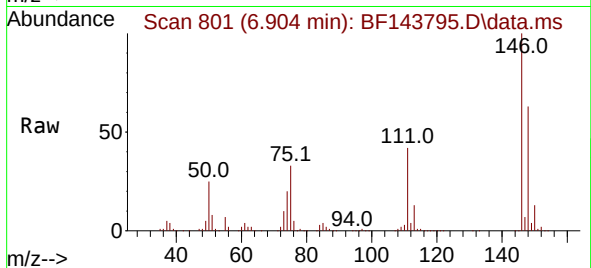
Tgt Ion:146 Resp: 348233

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 41.8 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.922 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

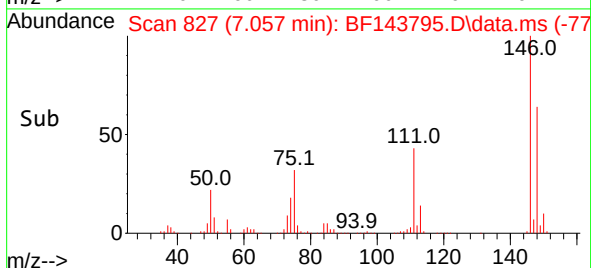
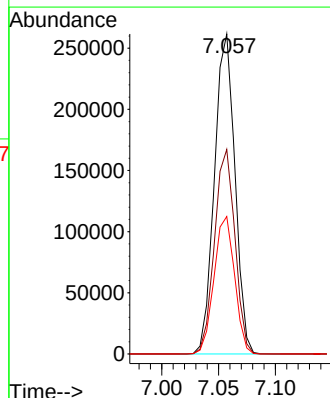
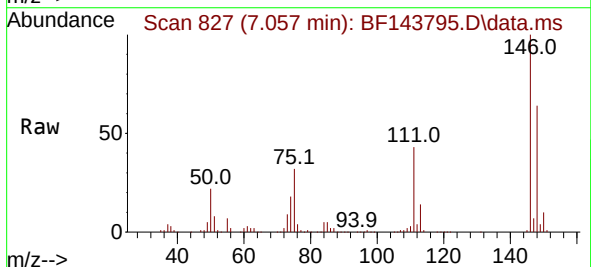
Tgt Ion:146 Resp: 328481

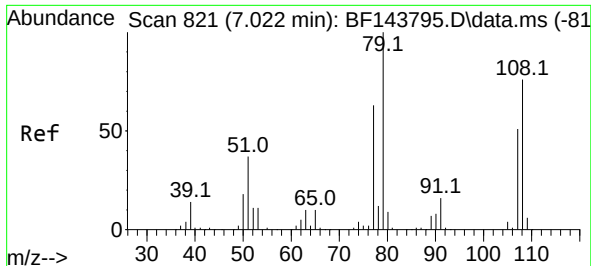
Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 42.9 34.3 51.5

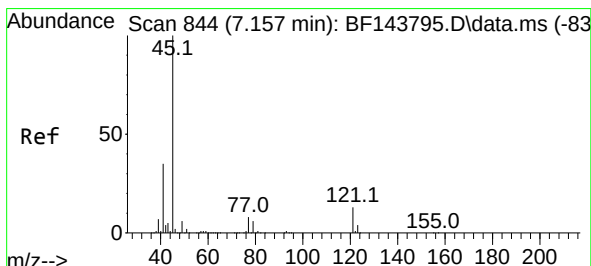
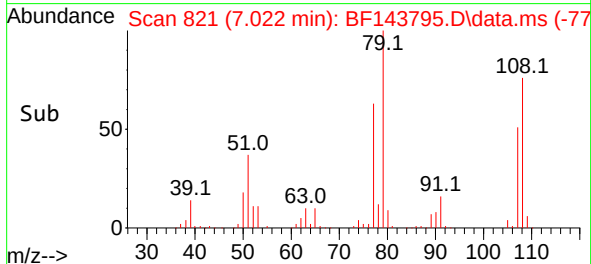
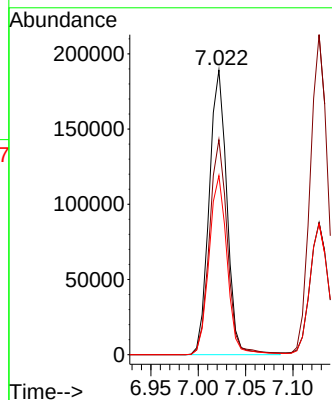
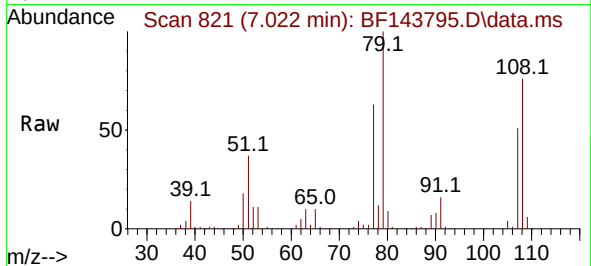




#15
Benzyl Alcohol
Concen: 42.340 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

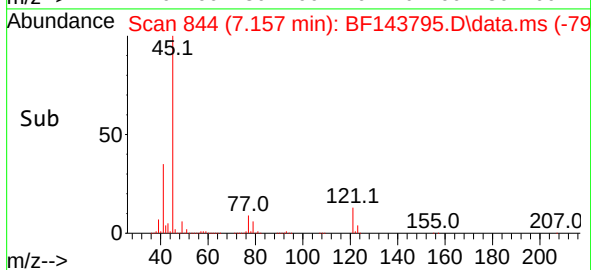
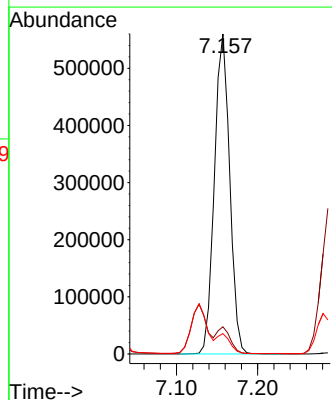
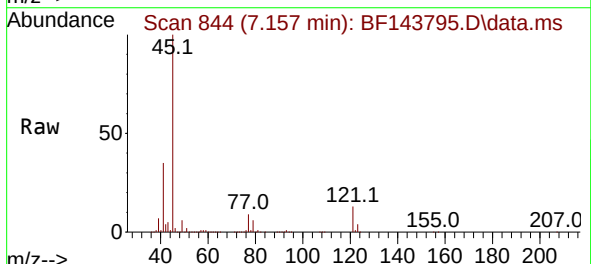
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

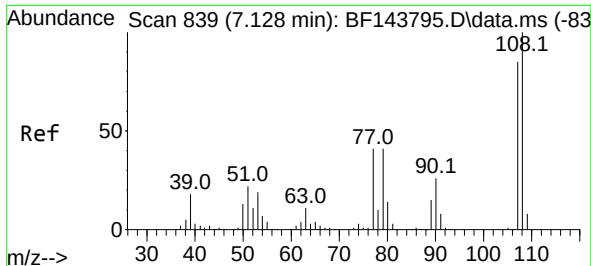
Tgt Ion: 79 Resp: 246535
Ion Ratio Lower Upper
79 100
108 75.6 60.5 90.7
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.058 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 45 Resp: 732266
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 6.3 0.0 26.3

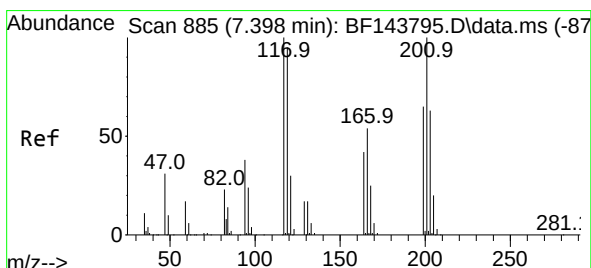
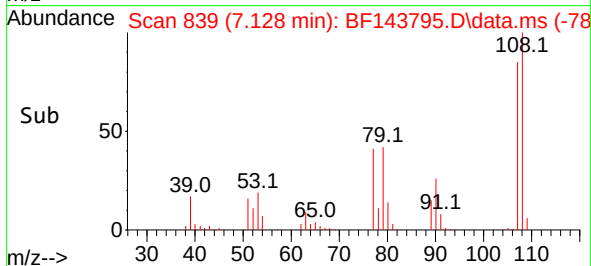
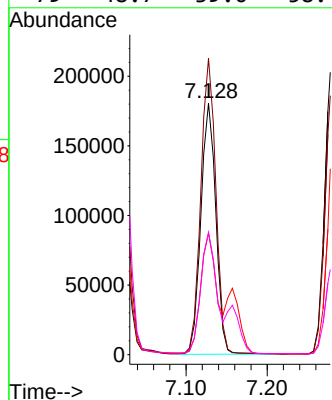
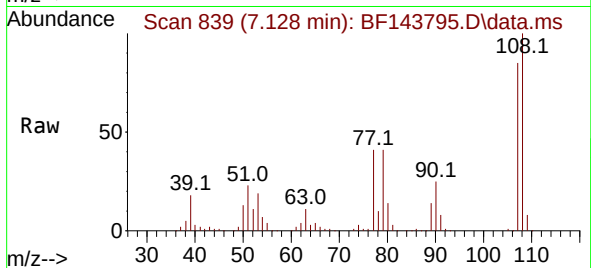




#17
2-Methylphenol
Concen: 41.866 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

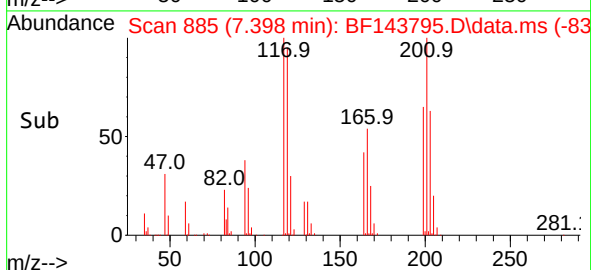
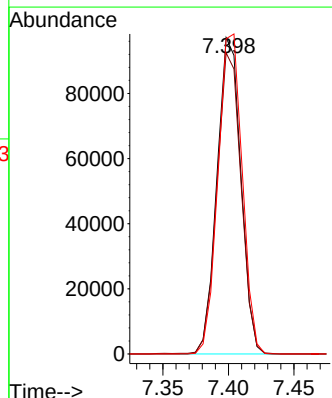
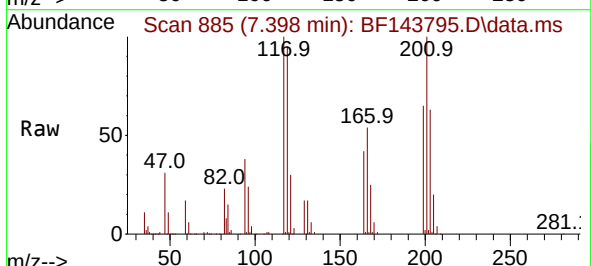
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

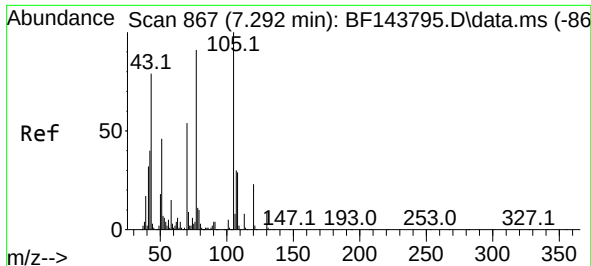
Tgt Ion:	107	Resp:	231425
Ion	Ratio	Lower	Upper
107	100		
108	117.8	94.2	141.4
77	48.3	38.6	58.0
79	48.7	39.0	58.4



#18
Hexachloroethane
Concen: 42.290 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:	117	Resp:	123042
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
201	99.6	79.7	119.5

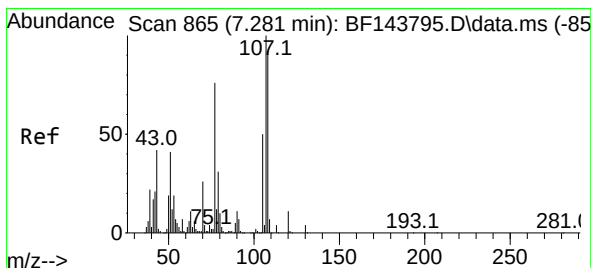
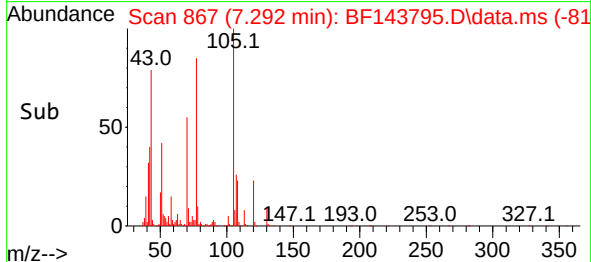
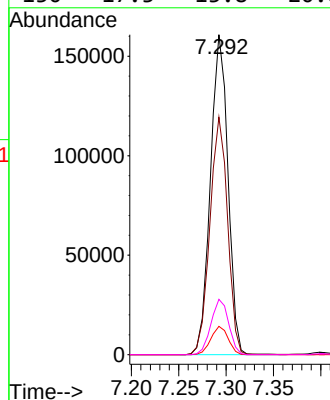
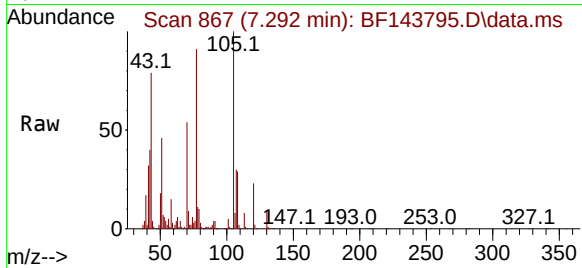




#19
n-Nitroso-di-n-propylamine
Concen: 39.992 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

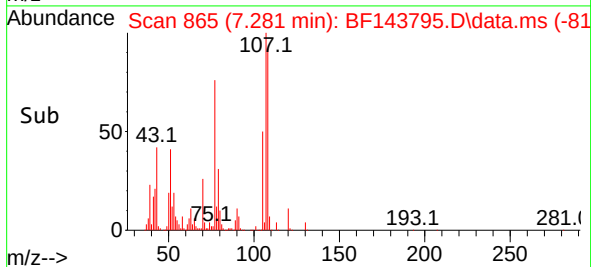
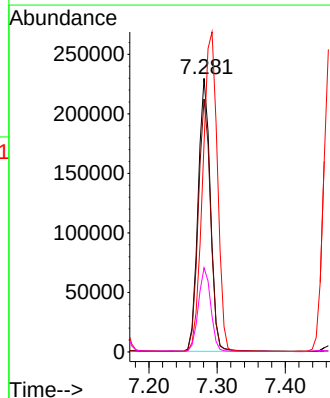
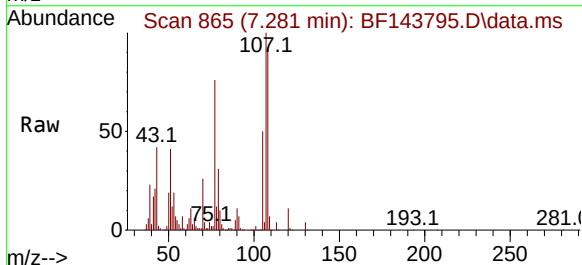
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

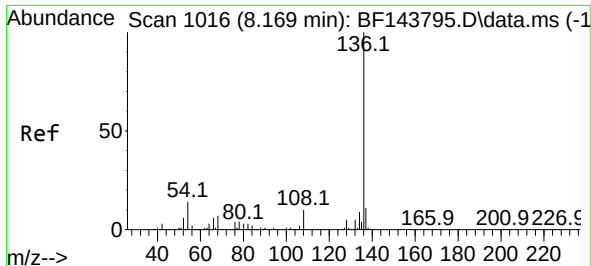
Tgt Ion: 70 Resp: 207240
Ion Ratio Lower Upper
70 100
42 74.2 59.4 89.0
101 8.9 7.1 10.7
130 17.3 13.8 20.8



#20
3+4-Methylphenols
Concen: 42.795 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 107 Resp: 288081
Ion Ratio Lower Upper
107 100
108 92.5 72.5 112.5
77 76.2 56.2 96.2
79 30.8 10.8 50.8



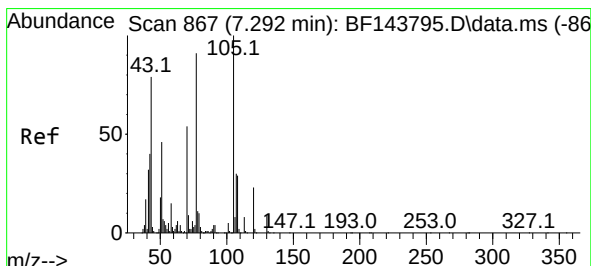
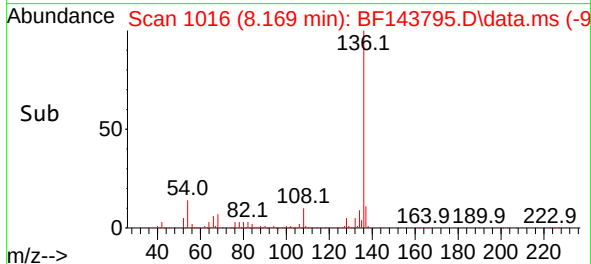
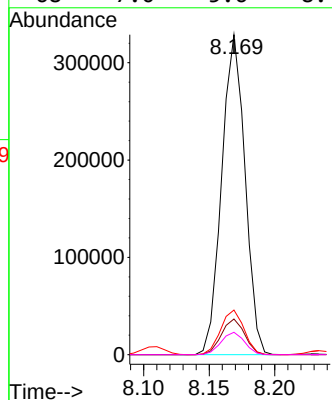
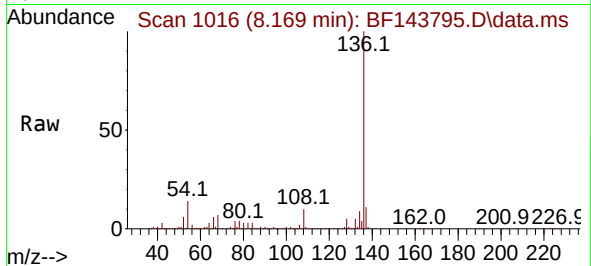


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 405913

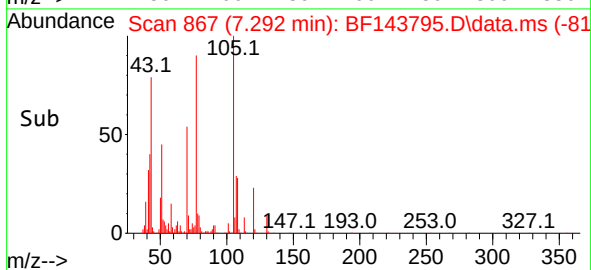
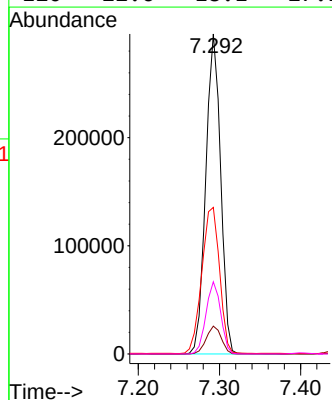
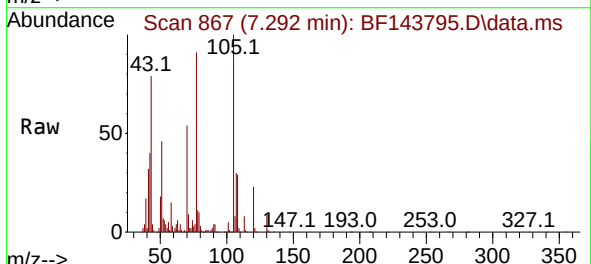
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	14.0	11.2	16.8
68	7.0	5.6	8.4

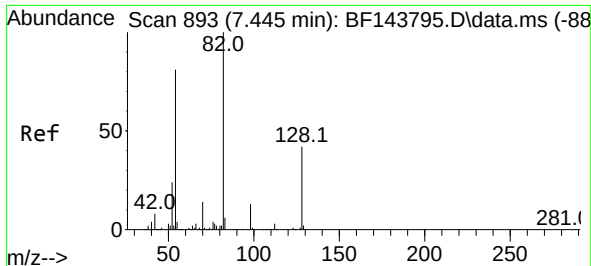


#22
Acetophenone
Concen: 42.128 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:105 Resp: 375588

Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.0	10.4
51	45.8	36.6	55.0
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 88.897 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

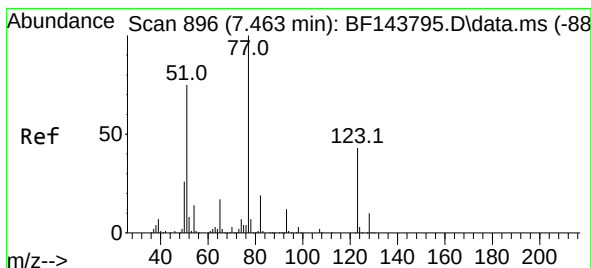
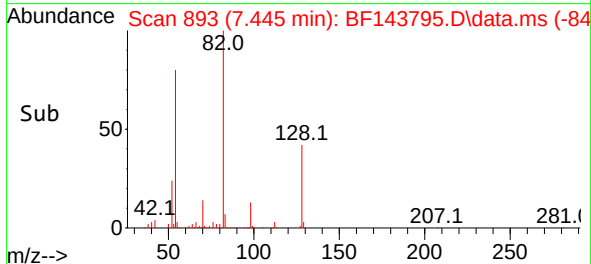
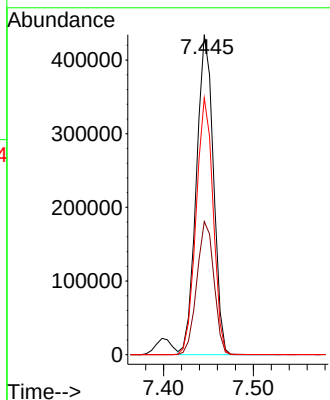
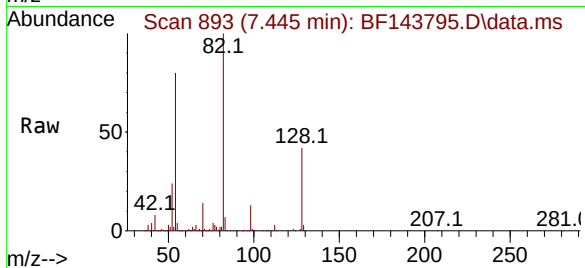
Tgt Ion: 82 Resp: 573383

Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

54 80.3 64.2 96.4



#24

Nitrobenzene

Concen: 42.939 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

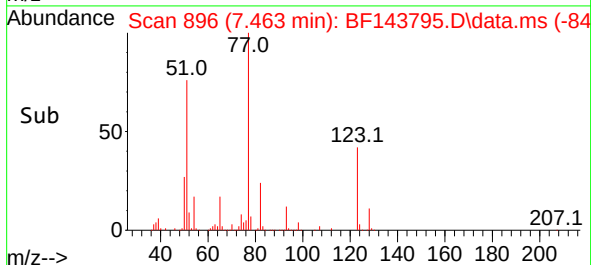
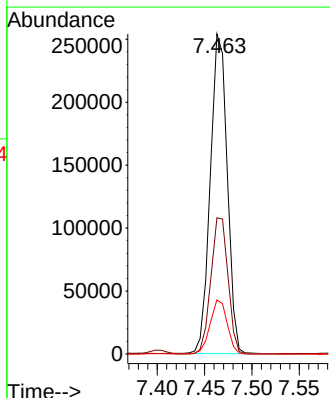
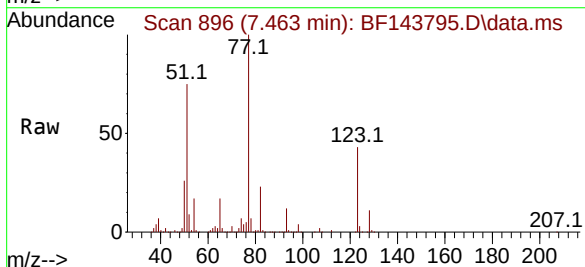
Tgt Ion: 77 Resp: 315613

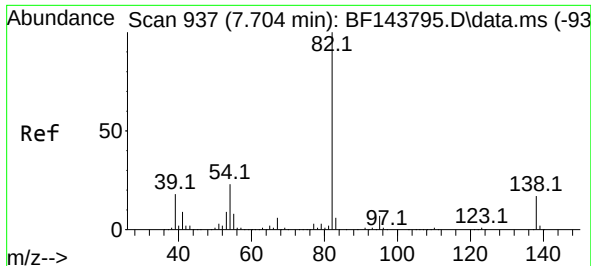
Ion Ratio Lower Upper

77 100

123 42.5 34.0 51.0

65 16.9 13.5 20.3

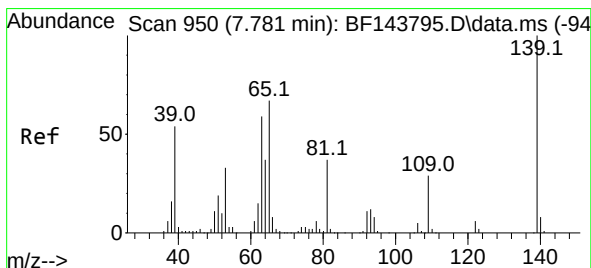
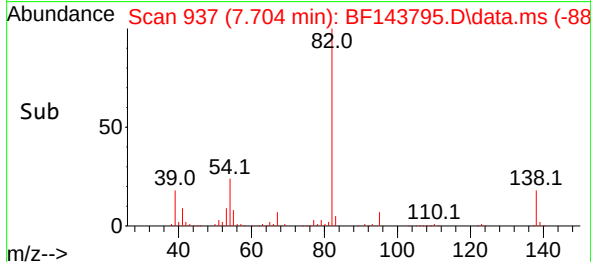
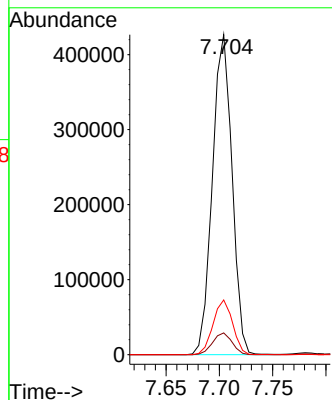
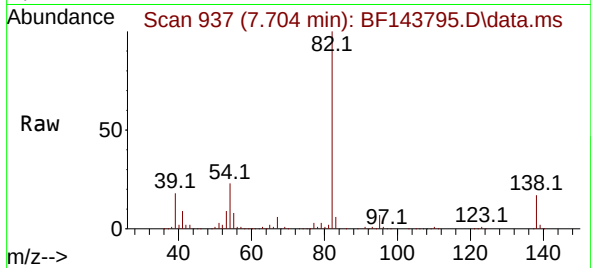




#25
Isophorone
Concen: 42.269 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

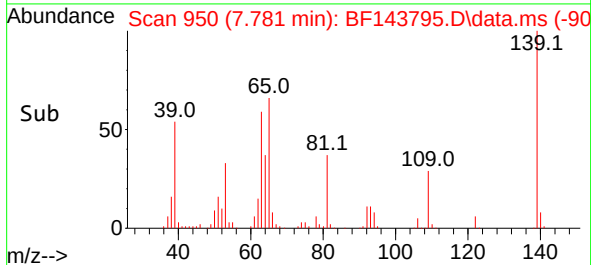
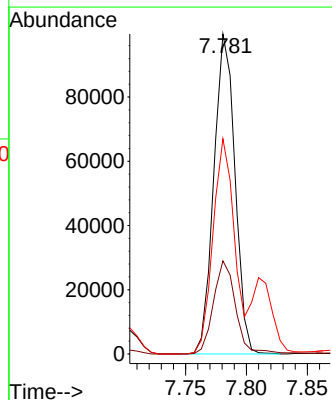
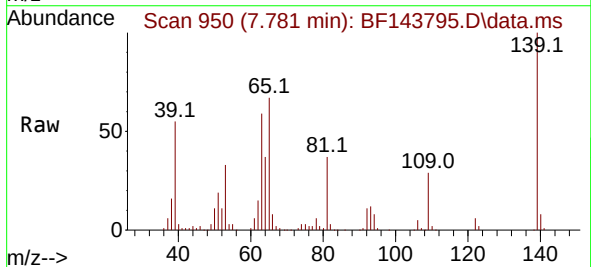
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

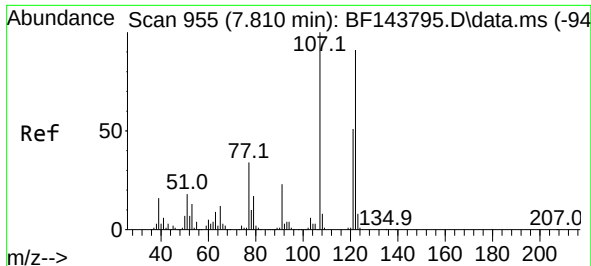
Tgt Ion: 82 Resp: 546218
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.1 13.7 20.5



#26
2-Nitrophenol
Concen: 40.347 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:139 Resp: 120369
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 67.2 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 42.648 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

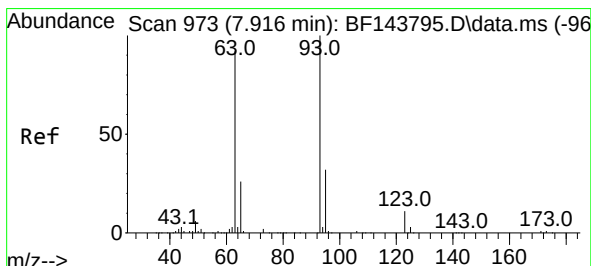
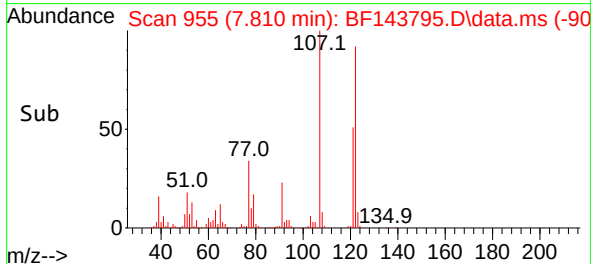
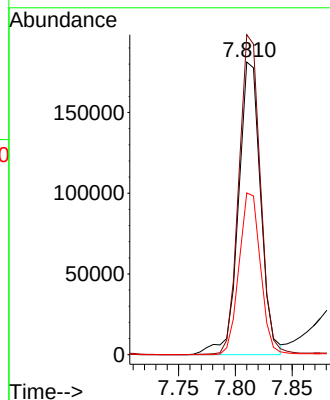
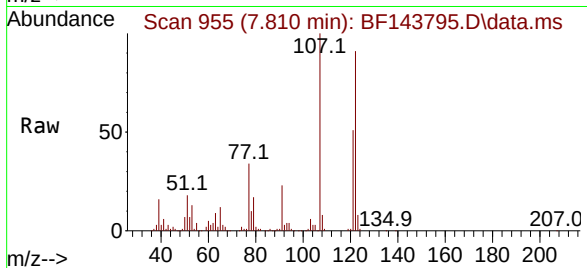
Tgt Ion:122 Resp: 246324

Ion Ratio Lower Upper

122 100

107 109.4 87.5 131.3

121 55.3 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.213 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

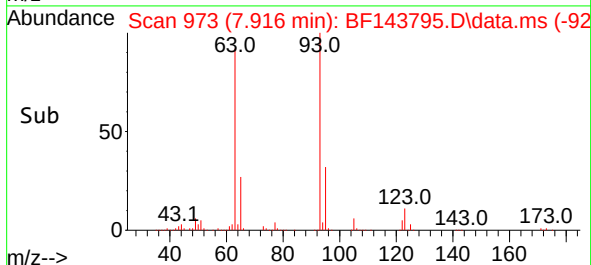
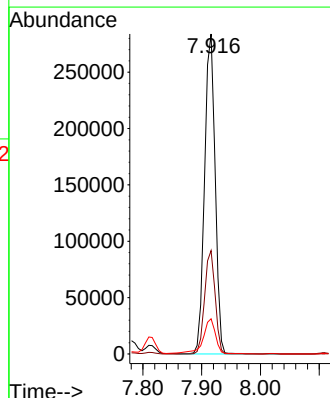
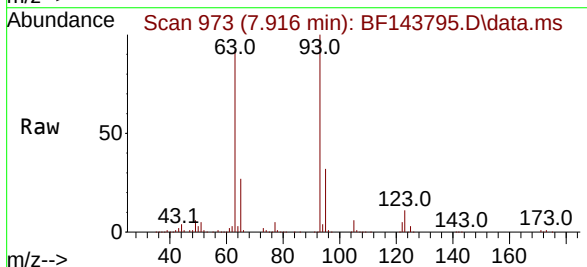
Tgt Ion: 93 Resp: 354402

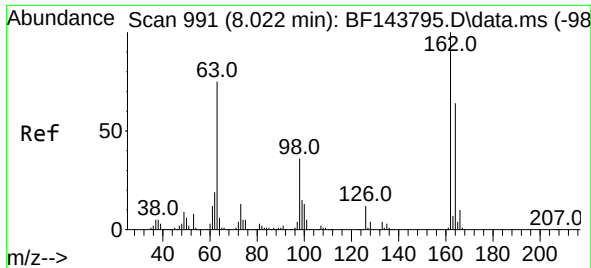
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.587 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

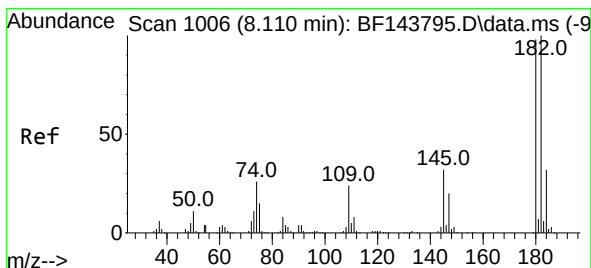
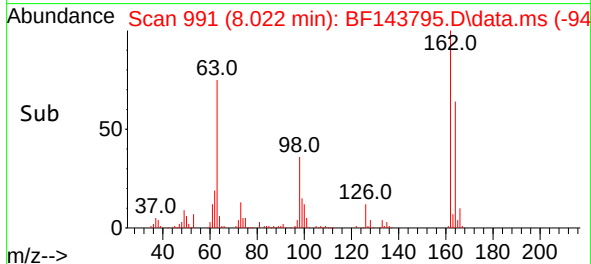
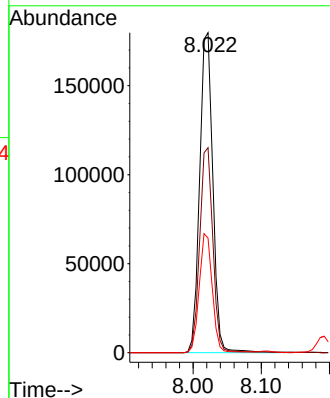
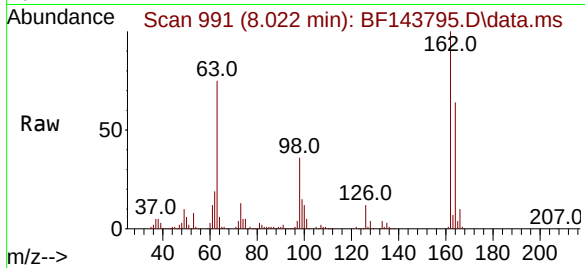
Tgt Ion:162 Resp: 242031

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

98 35.8 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 42.554 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

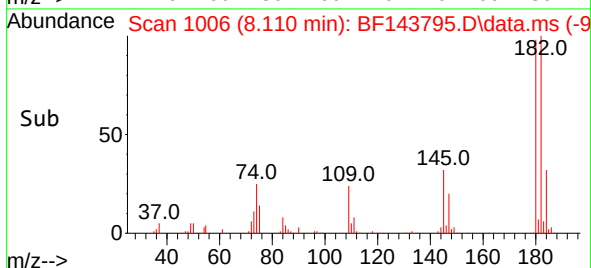
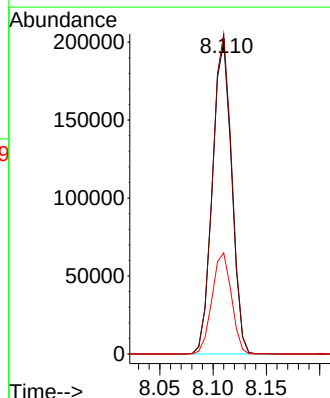
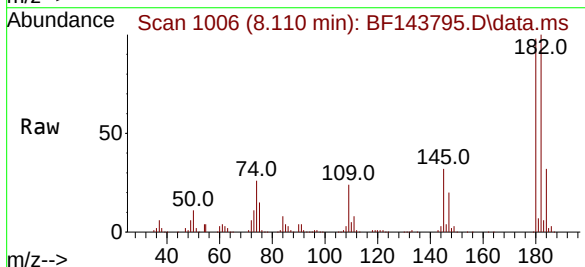
Tgt Ion:180 Resp: 250976

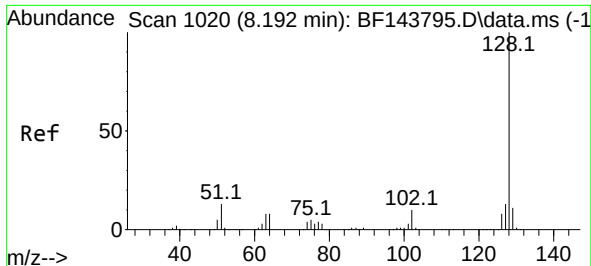
Ion Ratio Lower Upper

180 100

182 102.5 82.0 123.0

145 32.4 25.9 38.9

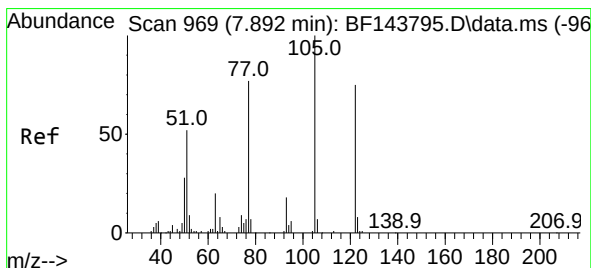
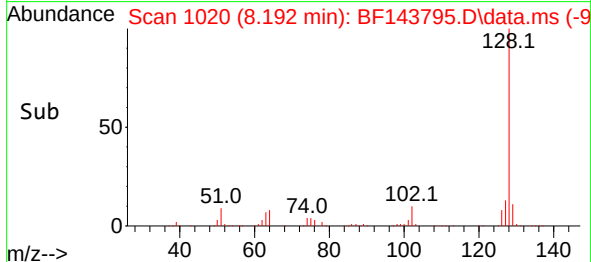
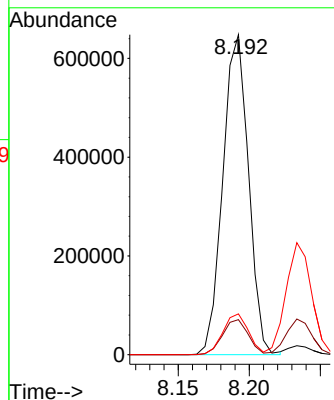
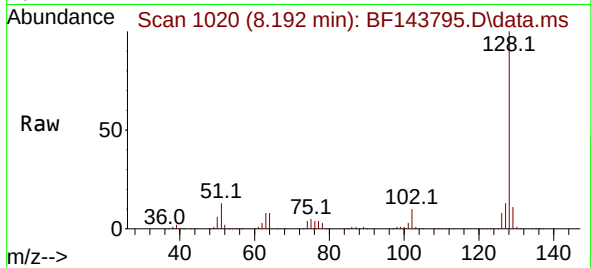




#31
Naphthalene
Concen: 41.894 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

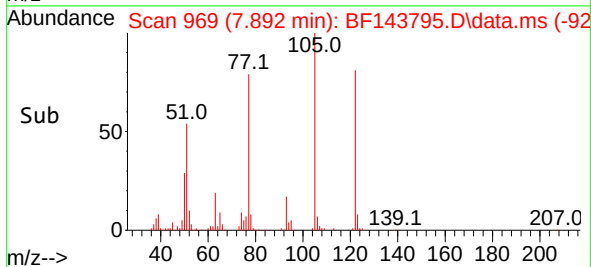
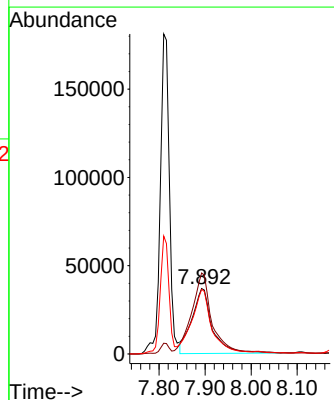
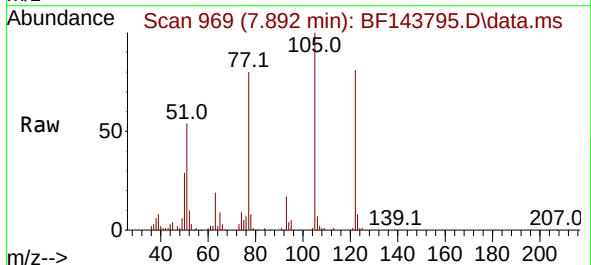
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

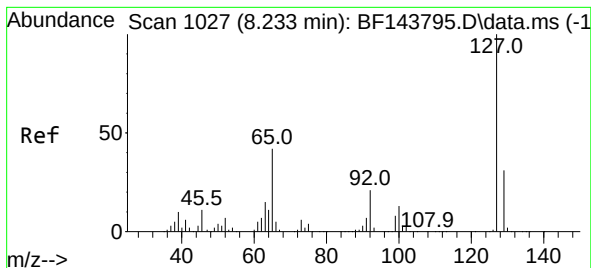
Tgt Ion:128 Resp: 814068
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 40.921 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.029 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:122 Resp: 114033
Ion Ratio Lower Upper
122 100
105 123.7 103.7 143.7
77 98.8 78.8 118.8





#33

4-Chloroaniline

Concen: 42.217 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 288280

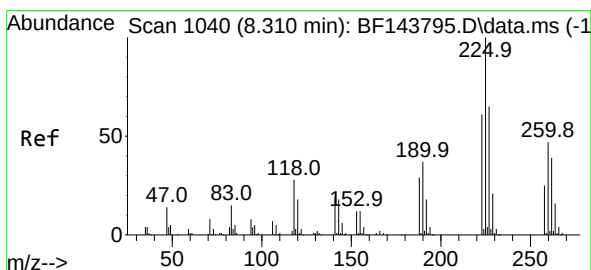
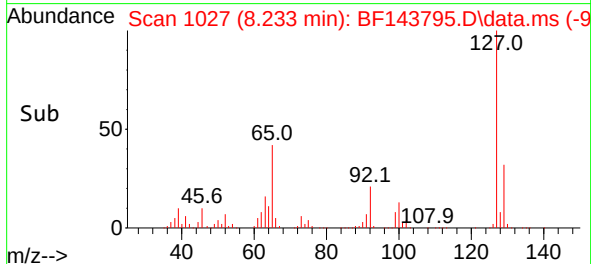
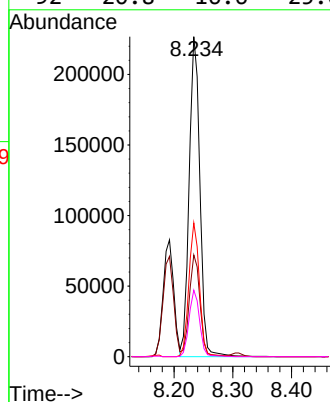
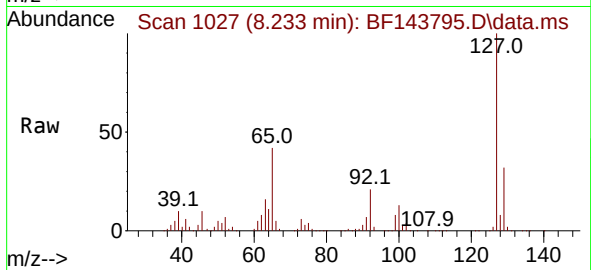
Ion Ratio Lower Upper

127 100

129 31.8 25.4 38.2

65 41.8 33.4 50.2

92 20.8 16.6 25.0



#34

Hexachlorobutadiene

Concen: 42.957 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

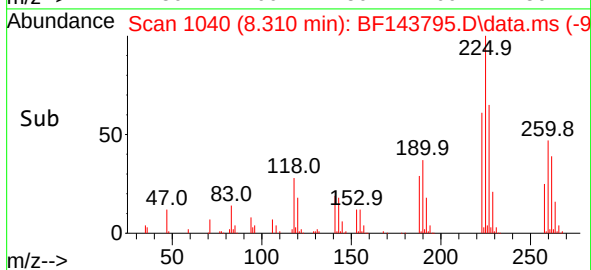
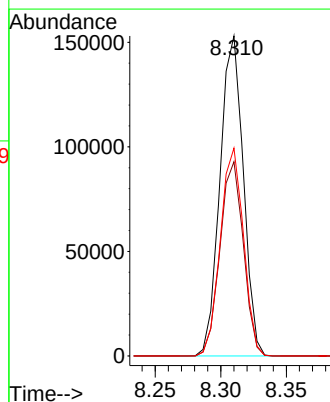
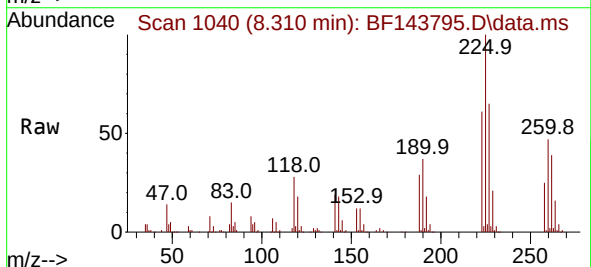
Tgt Ion:225 Resp: 188867

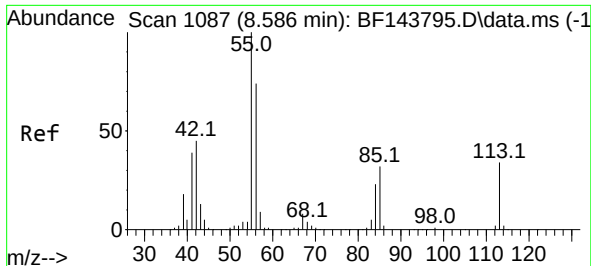
Ion Ratio Lower Upper

225 100

223 60.7 48.6 72.8

227 64.9 51.9 77.9

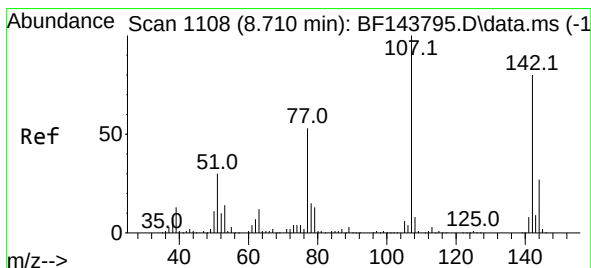
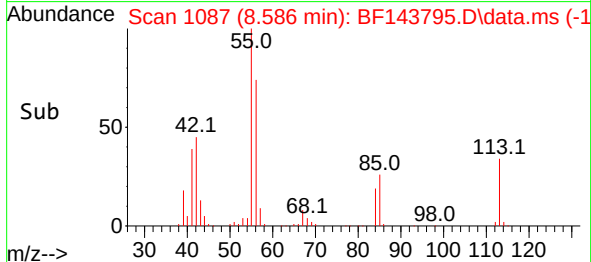
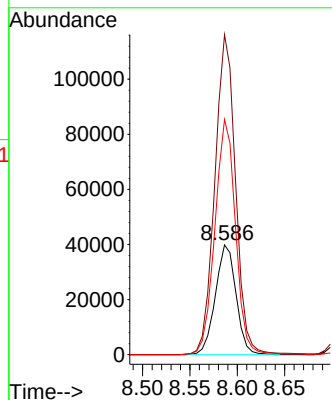
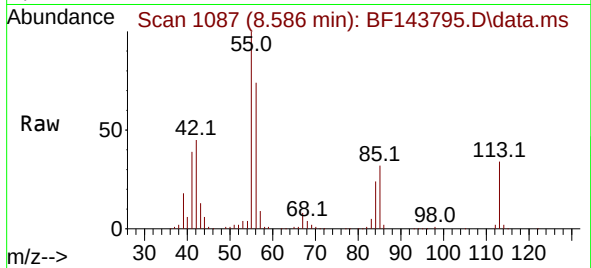




#35
 Caprolactam
 Concen: 41.712 ng
 RT: 8.586 min Scan# 1108
 Delta R.T. -0.024 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

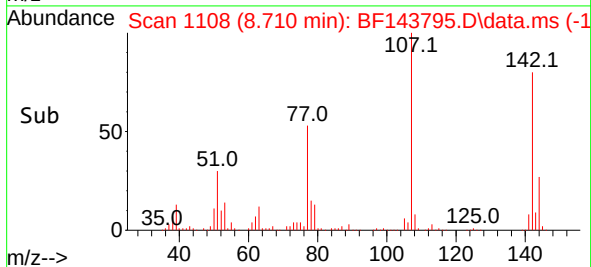
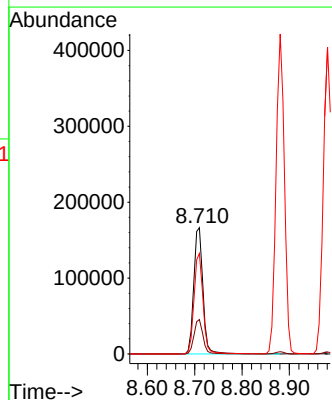
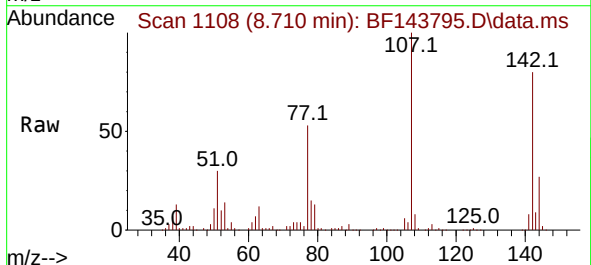
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

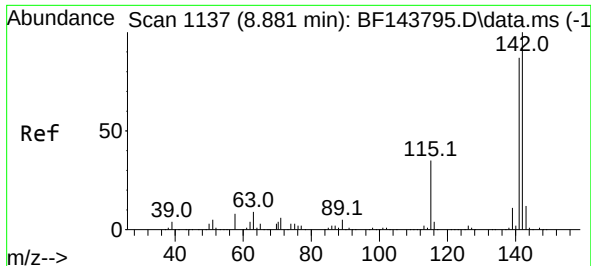
Tgt Ion:113 Resp: 60592
 Ion Ratio Lower Upper
 113 100
 55 291.7 271.7 311.7
 56 214.5 194.5 234.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.051 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 224136
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.8 32.8
 142 79.5 63.6 95.4

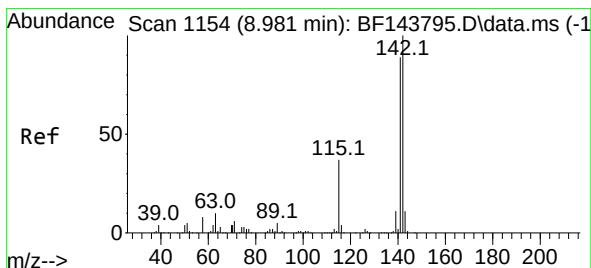
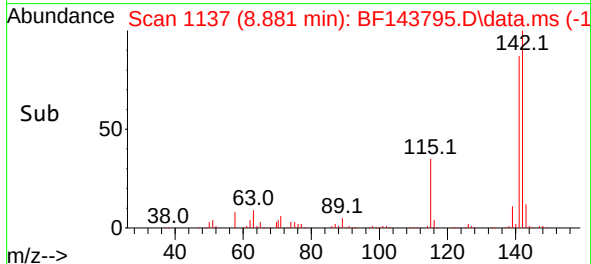
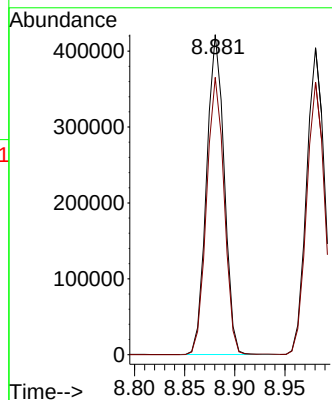
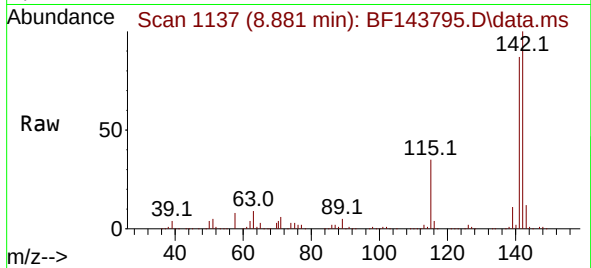




#37
2-Methylnaphthalene
Concen: 41.614 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

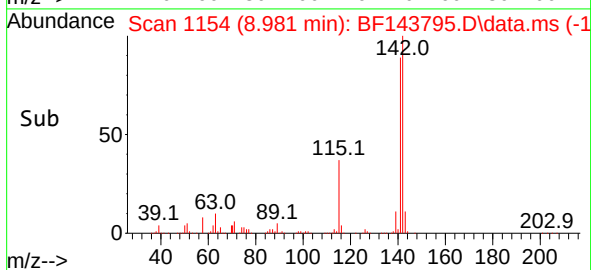
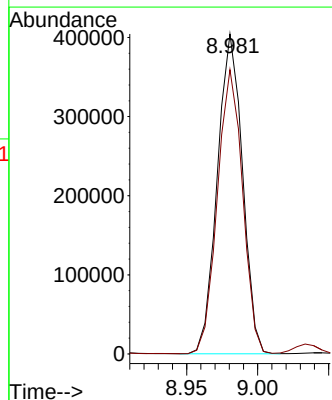
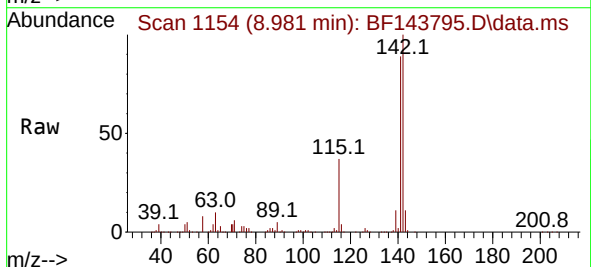
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

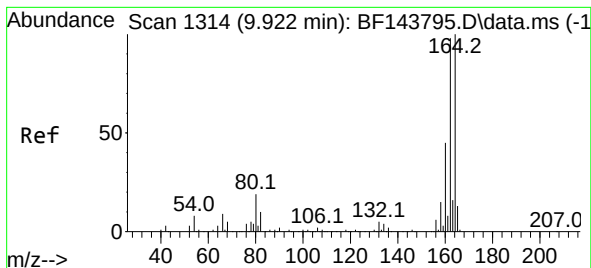
Tgt Ion:142 Resp: 515616
Ion Ratio Lower Upper
142 100
141 86.7 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.901 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:142 Resp: 496939
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF143795.D

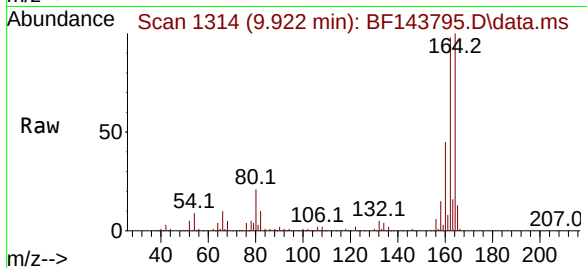
Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



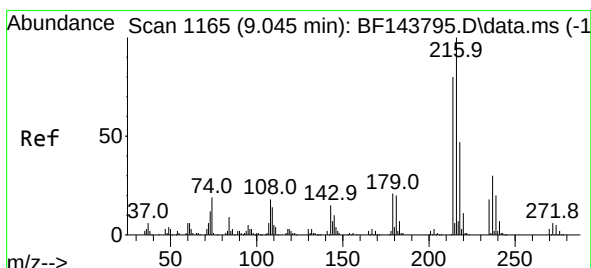
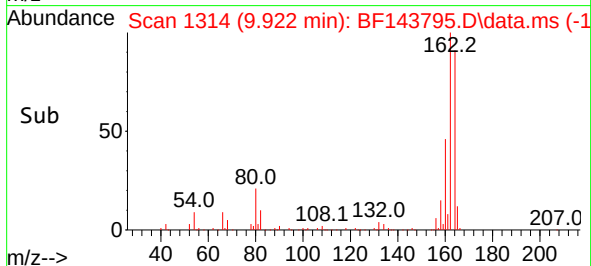
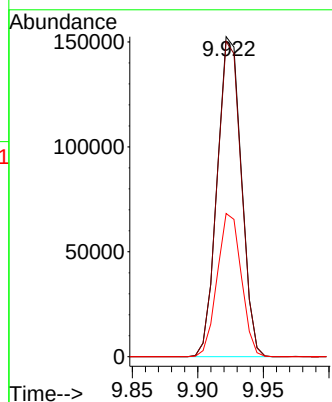
Tgt Ion:164 Resp: 195477

Ion Ratio Lower Upper

164 100

162 98.5 78.8 118.2

160 44.7 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.605 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:216 Resp: 245432

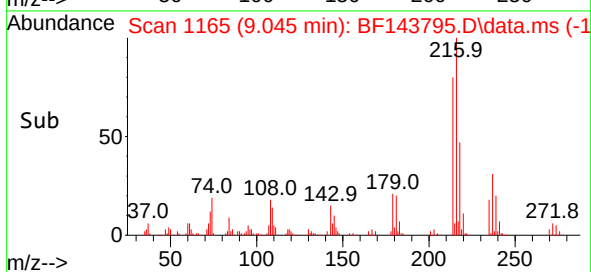
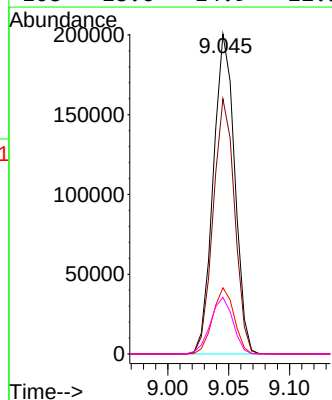
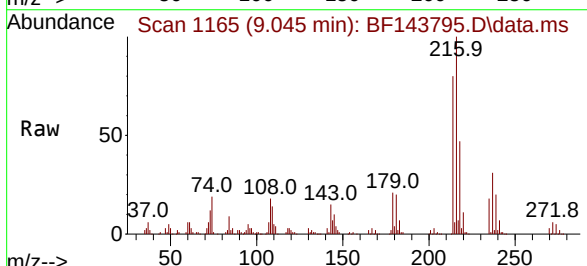
Ion Ratio Lower Upper

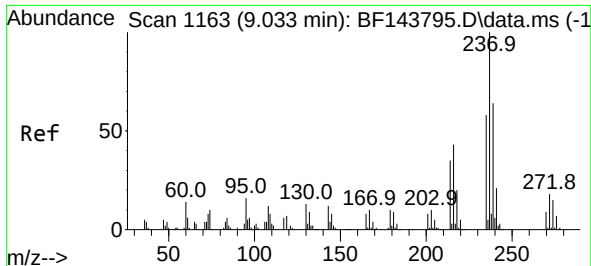
216 100

214 79.6 63.7 95.5

179 20.6 16.5 24.7

108 18.6 14.9 22.3

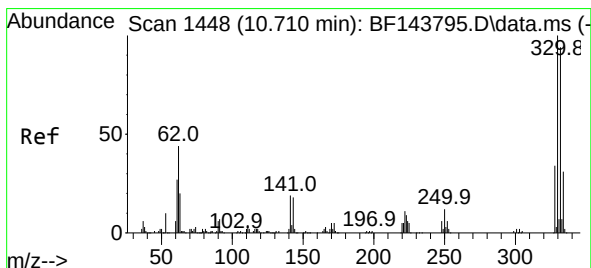
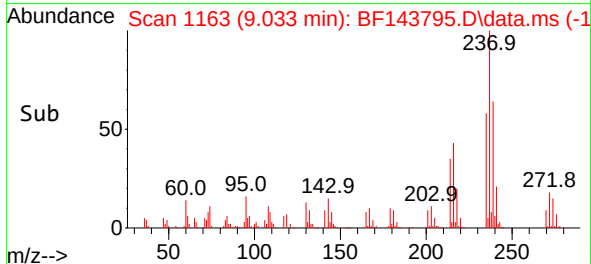
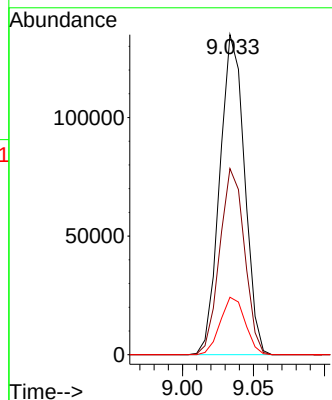
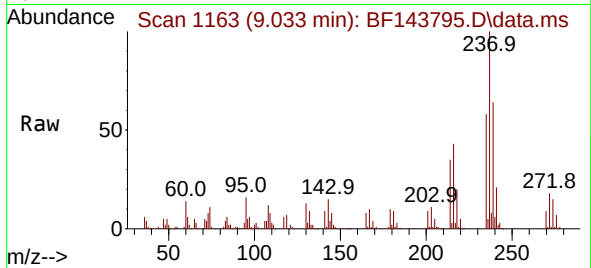




#41
Hexachlorocyclopentadiene
Concen: 43.733 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

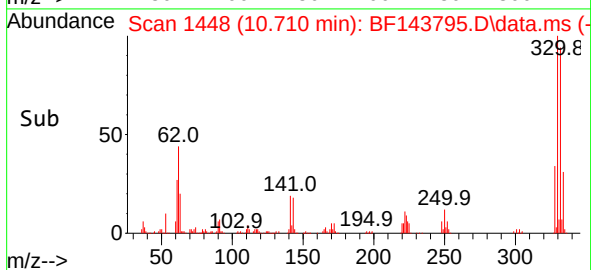
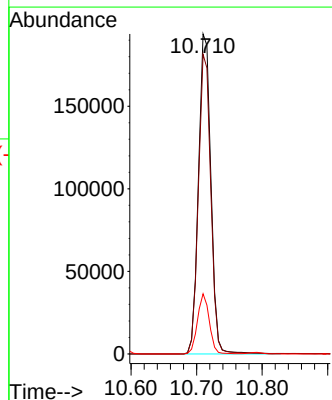
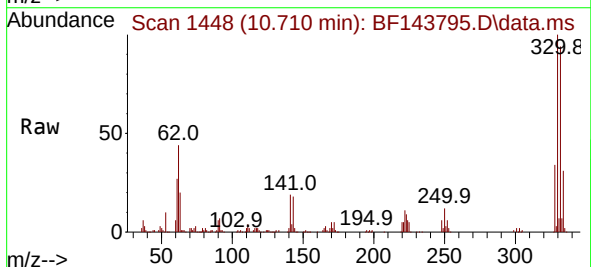
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

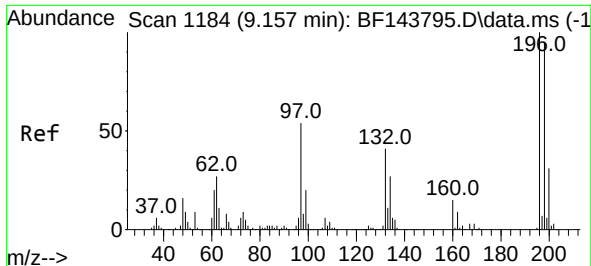
Tgt Ion:237 Resp: 163505
Ion Ratio Lower Upper
237 100
235 58.1 38.1 78.1
272 17.9 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 91.848 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:330 Resp: 256232
Ion Ratio Lower Upper
330 100
332 93.4 74.7 112.1
141 17.9 14.3 21.5

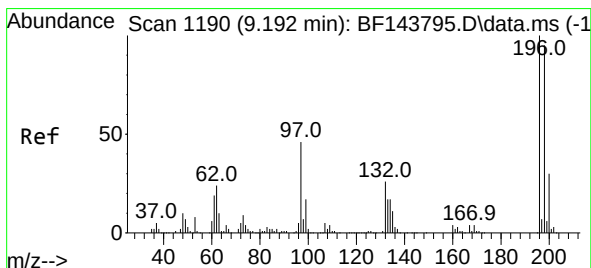
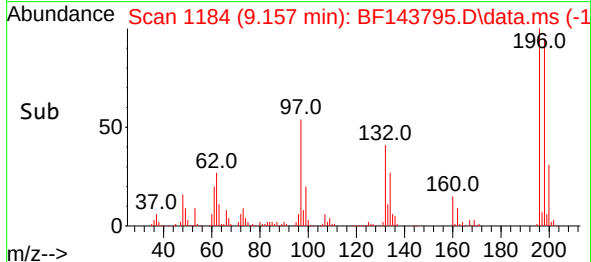
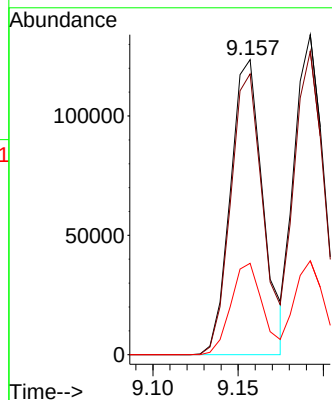
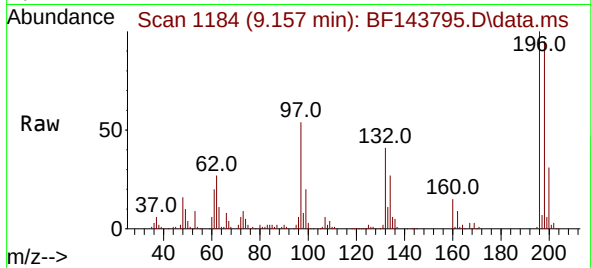




#43
2,4,6-Trichlorophenol
Concen: 44.620 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

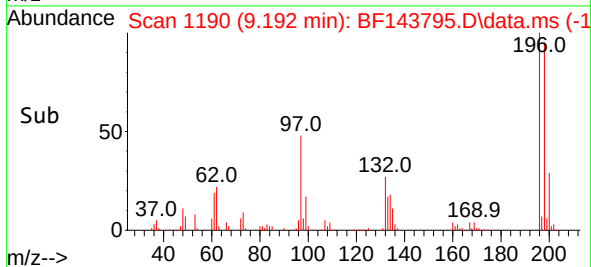
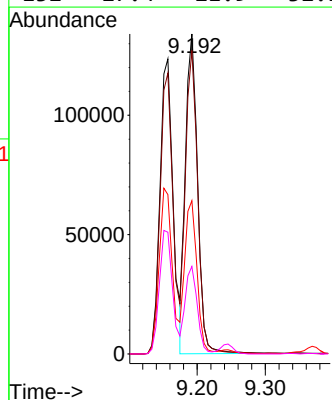
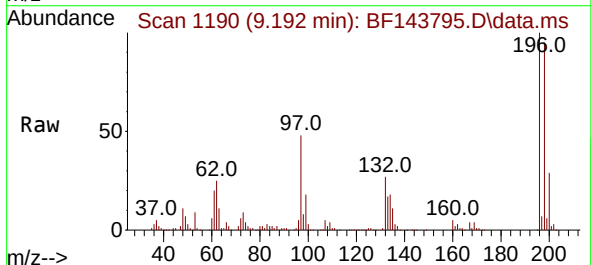
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

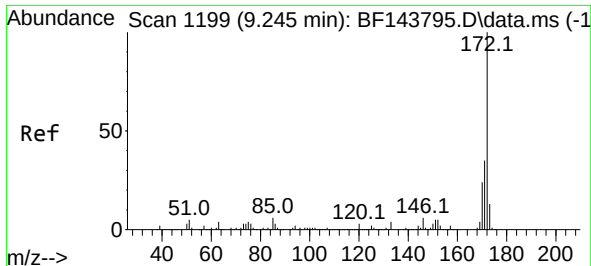
Tgt Ion:196 Resp: 164818
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.9 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.801 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:196 Resp: 165369
Ion Ratio Lower Upper
196 100
198 94.9 75.9 113.9
97 47.9 38.3 57.5
132 27.4 21.9 32.9

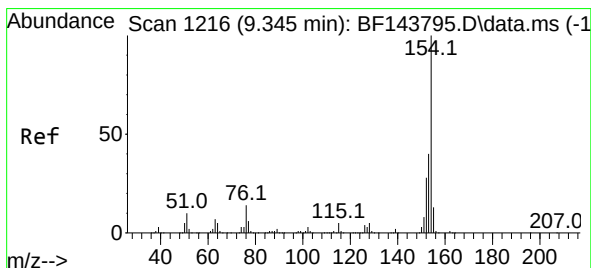
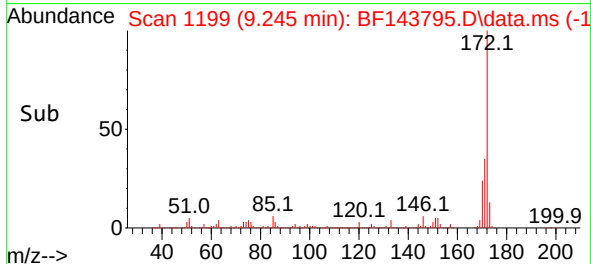
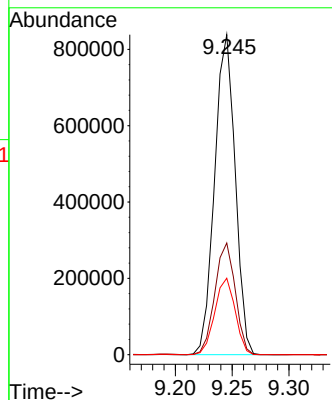
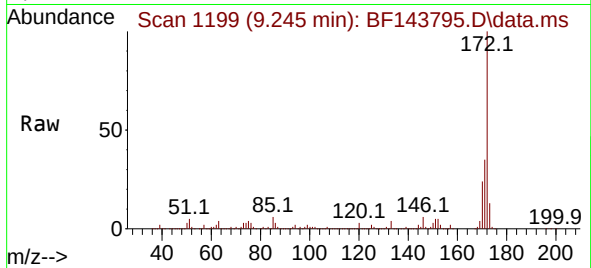




#45
2-Fluorobiphenyl
Concen: 79.854 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

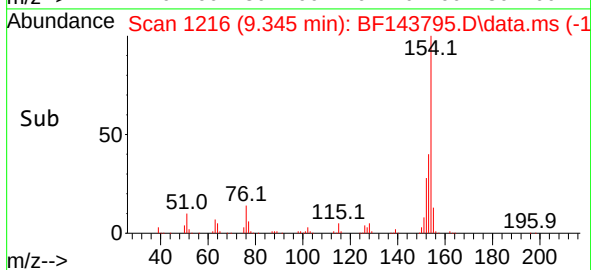
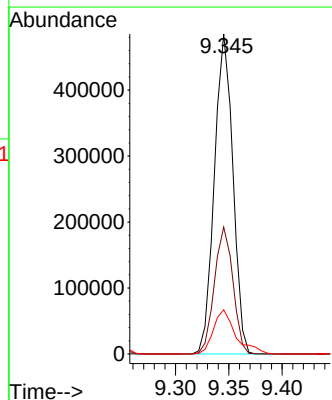
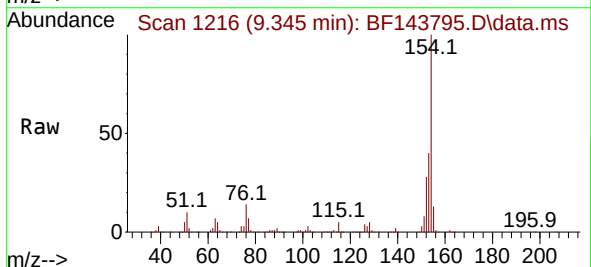
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

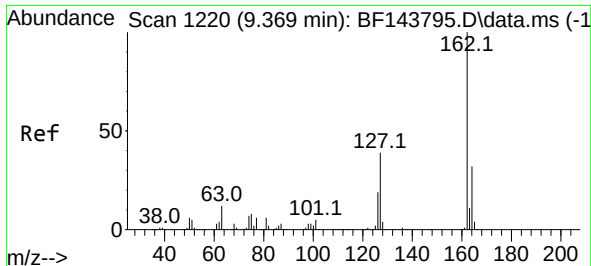
Tgt Ion:172 Resp: 1056299
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.309 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:154 Resp: 584522
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 13.8 0.0 33.8

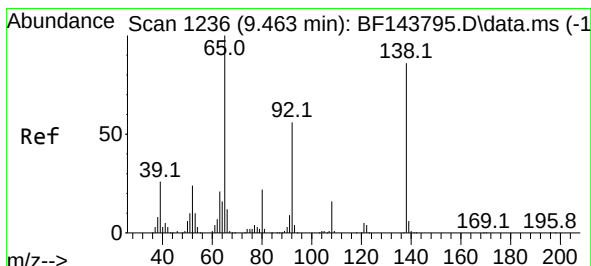
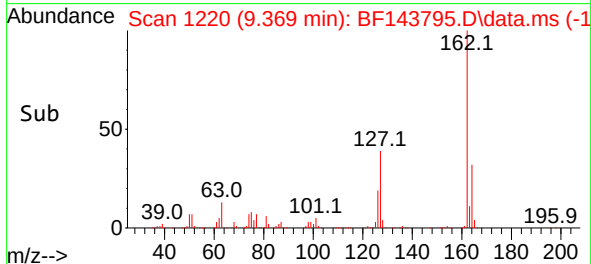
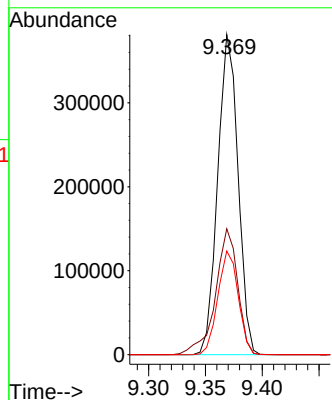
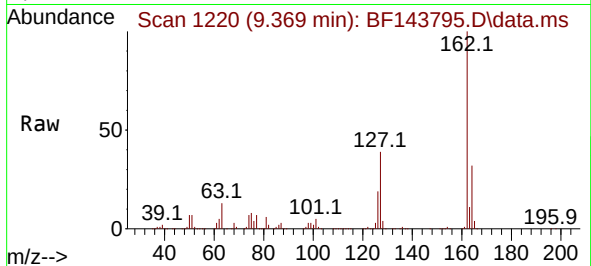




#47
2-Chloronaphthalene
Concen: 41.694 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

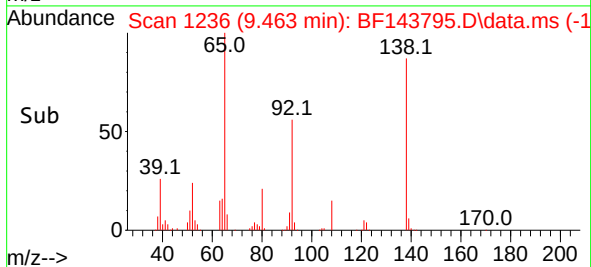
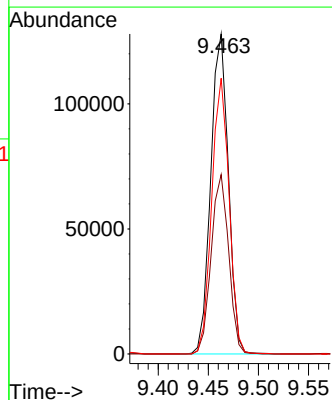
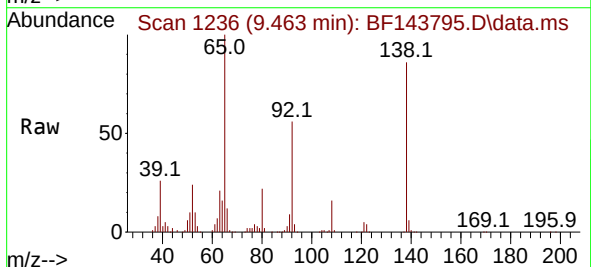
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

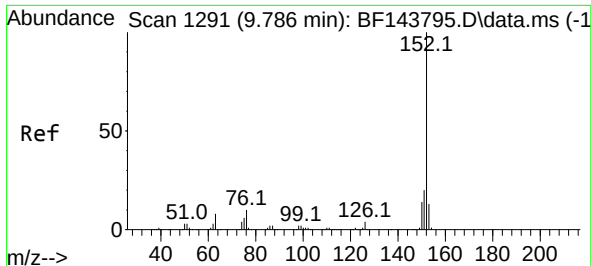
Tgt Ion:162 Resp: 474899
Ion Ratio Lower Upper
162 100
127 39.4 31.5 47.3
164 32.4 25.9 38.9



#48
2-Nitroaniline
Concen: 45.383 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 65 Resp: 156231
Ion Ratio Lower Upper
65 100
92 56.1 44.9 67.3
138 86.2 69.0 103.4

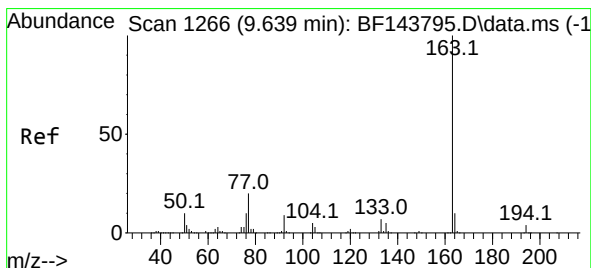
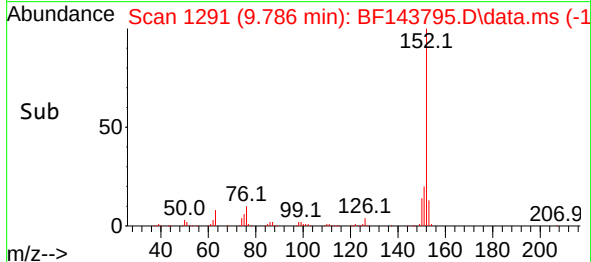
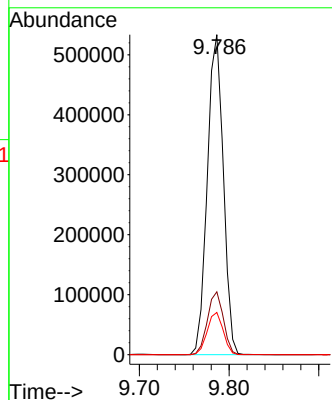
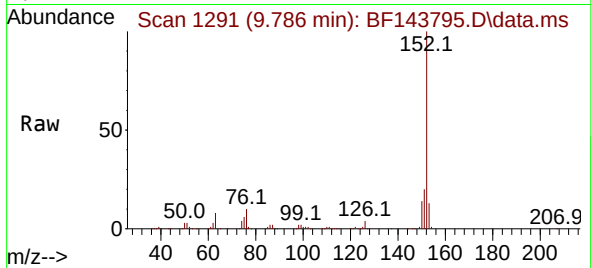




#49
Acenaphthylene
Concen: 42.150 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

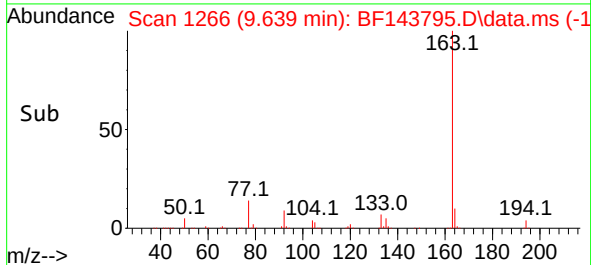
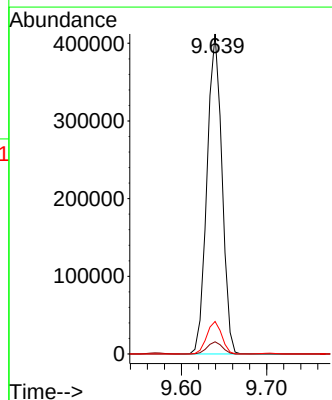
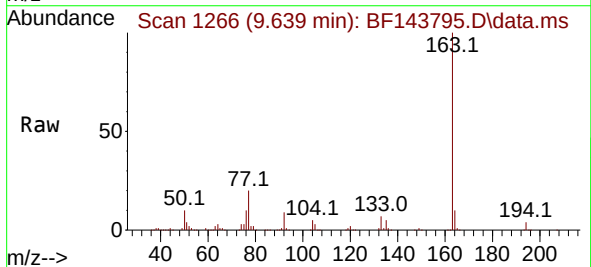
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

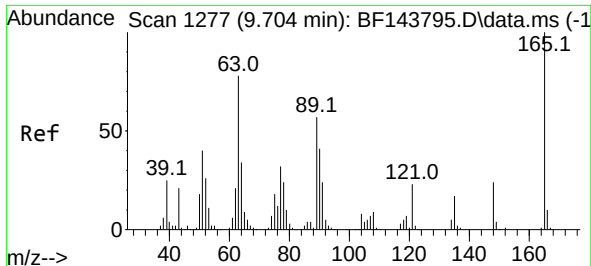
Tgt Ion:152 Resp: 660923
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 42.186 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:163 Resp: 502623
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.543 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

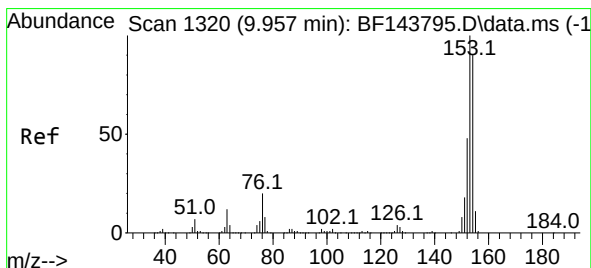
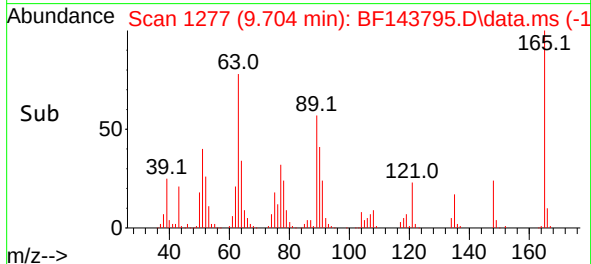
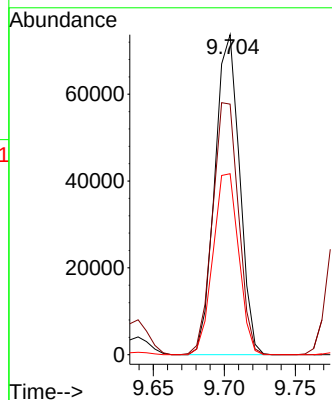
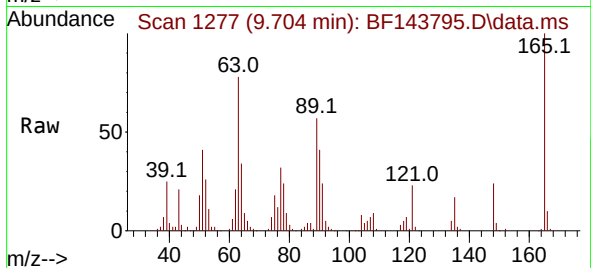
Tgt Ion:165 Resp: 89151

Ion Ratio Lower Upper

165 100

63 78.3 62.6 94.0

89 56.5 45.2 67.8



#52

Acenaphthene

Concen: 42.036 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

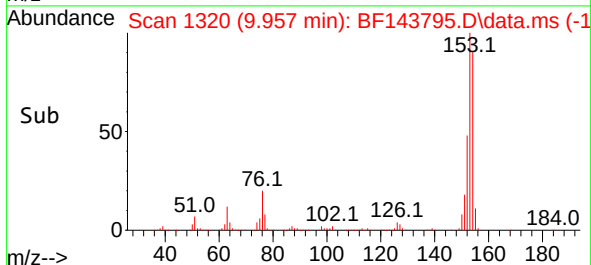
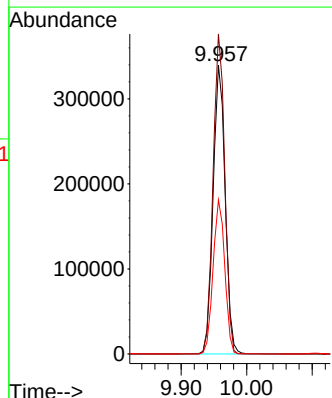
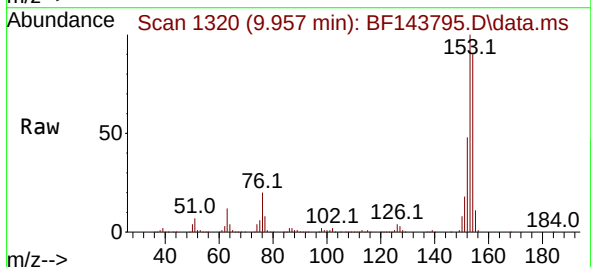
Tgt Ion:154 Resp: 433748

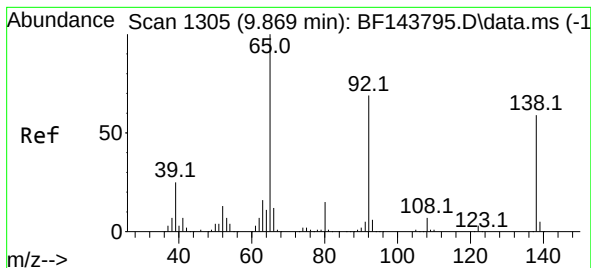
Ion Ratio Lower Upper

154 100

153 110.9 88.7 133.1

152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 46.671 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

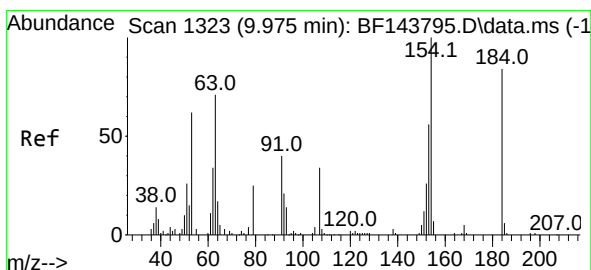
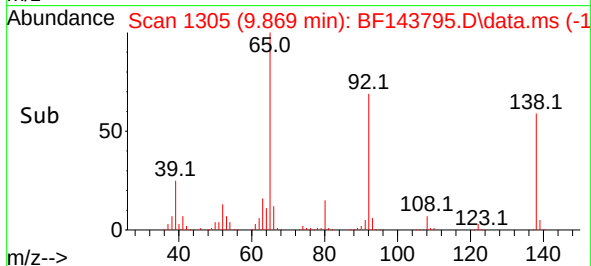
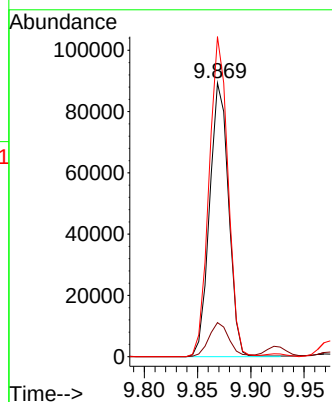
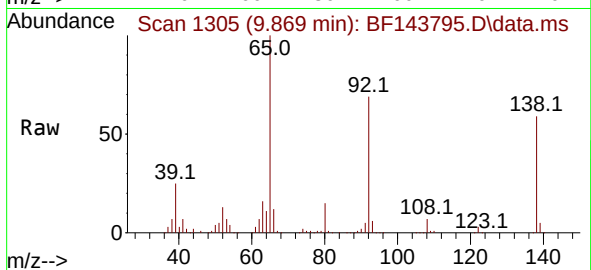
Tgt Ion:138 Resp: 110739

Ion Ratio Lower Upper

138 100

108 12.4 9.9 14.9

92 116.9 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 41.301 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

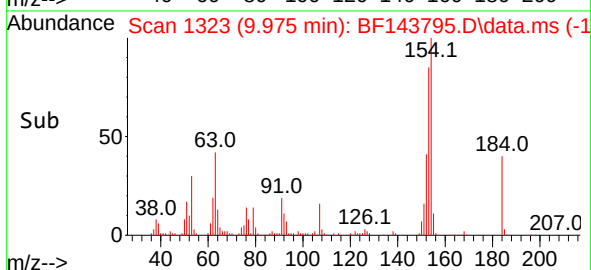
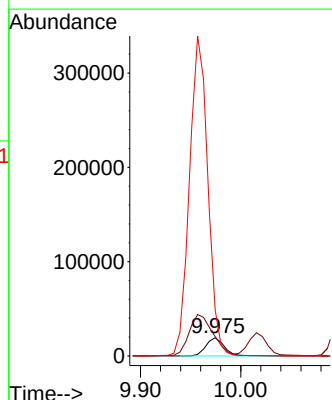
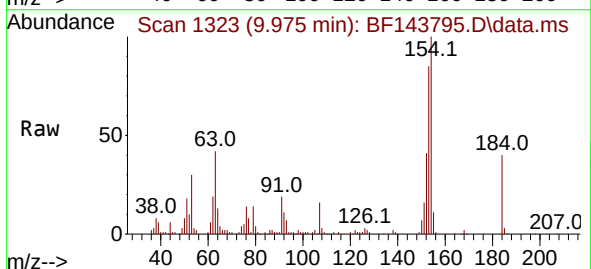
Tgt Ion:184 Resp: 24685

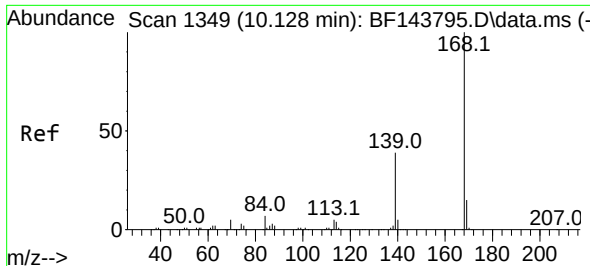
Ion Ratio Lower Upper

184 100

63 105.8 84.6 127.0

154 249.1 199.3 298.9

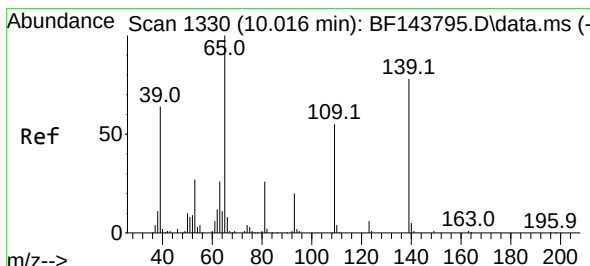
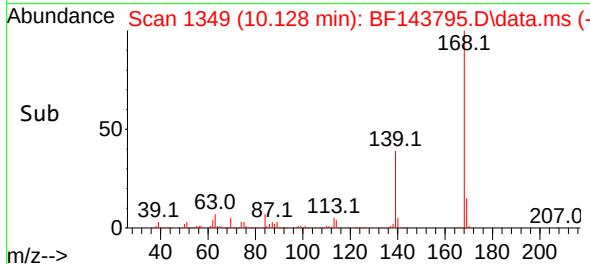
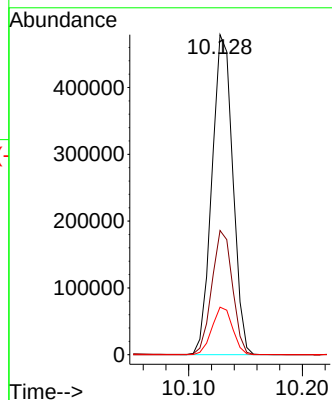
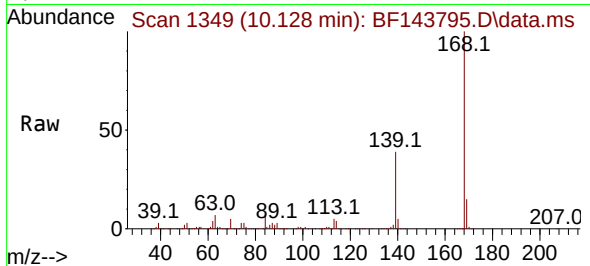




#55
Dibenzenofuran
Concen: 41.833 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

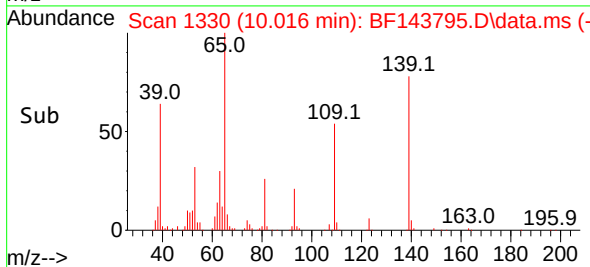
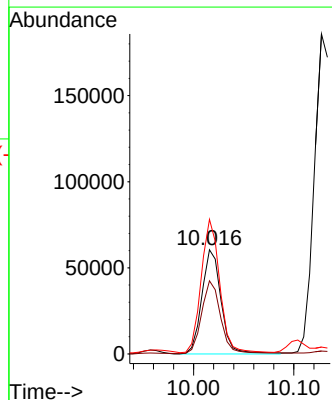
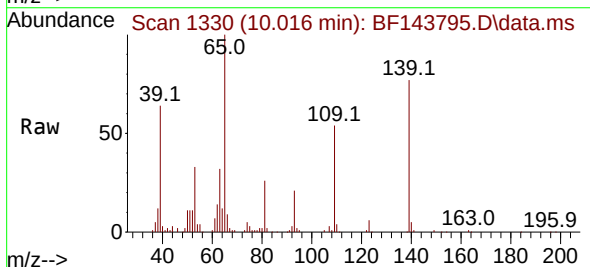
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

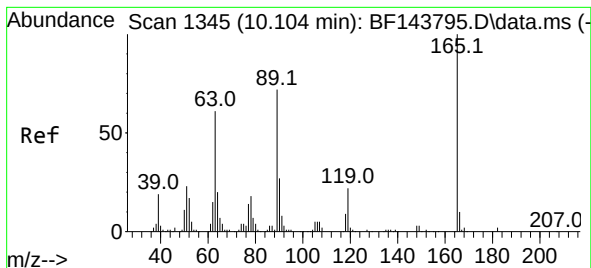
Tgt Ion:168 Resp: 610393
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 14.9 11.9 17.9



#56
4-Nitrophenol
Concen: 42.462 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:139 Resp: 81189
Ion Ratio Lower Upper
139 100
109 70.2 50.2 90.2
65 129.2 109.2 149.2

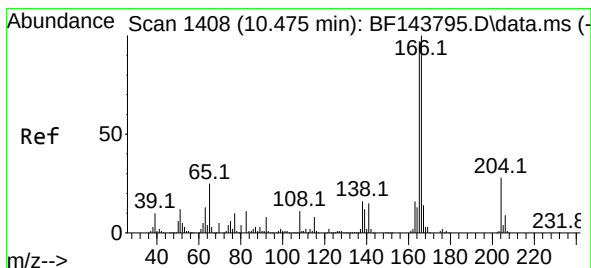
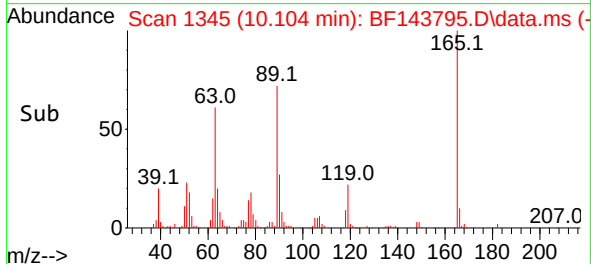
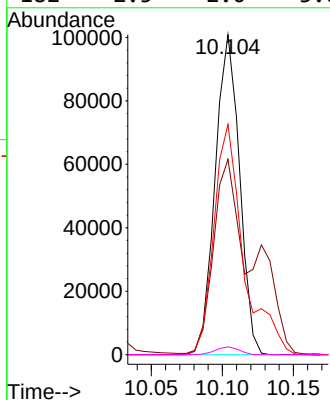
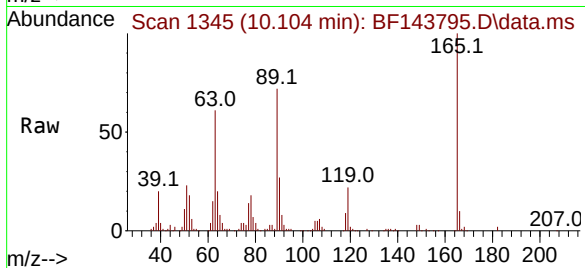




#57
2,4-Dinitrotoluene
Concen: 41.745 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

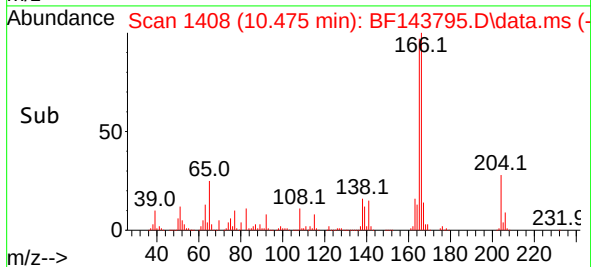
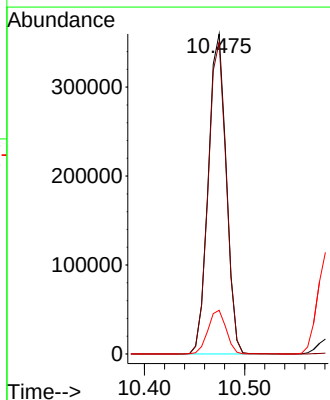
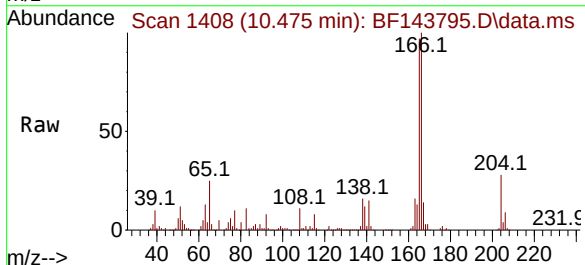
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

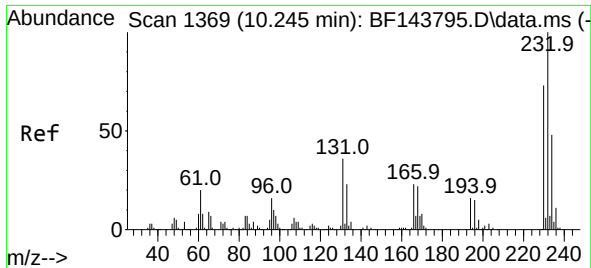
Tgt Ion:165 Resp: 120114
Ion Ratio Lower Upper
165 100
63 61.1 48.9 73.3
89 71.9 57.5 86.3
182 2.5 2.0 3.0



#58
Fluorene
Concen: 41.324 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:166 Resp: 448265
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 10.9 16.3

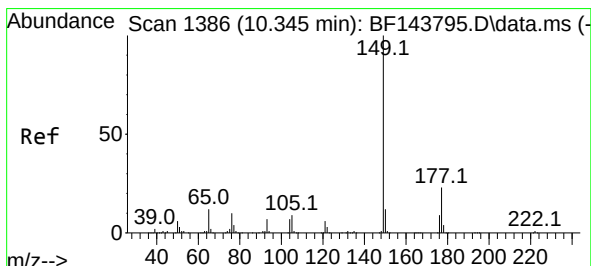
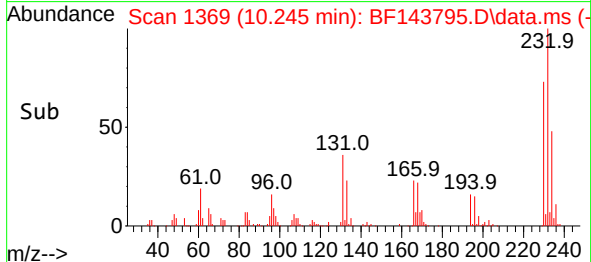
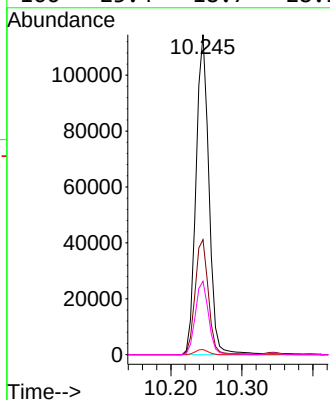
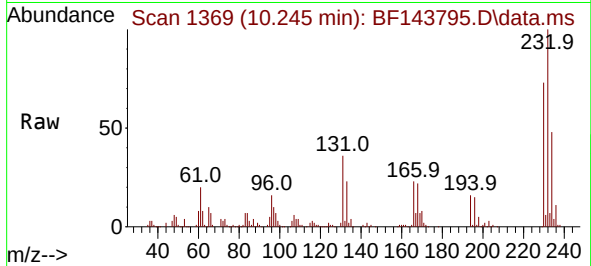




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.013 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

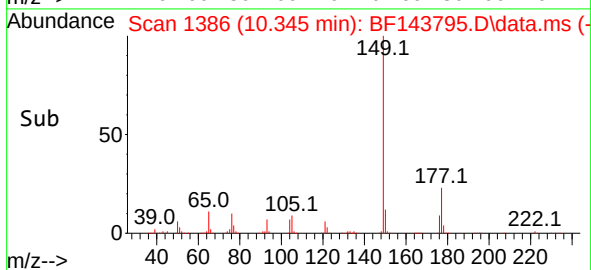
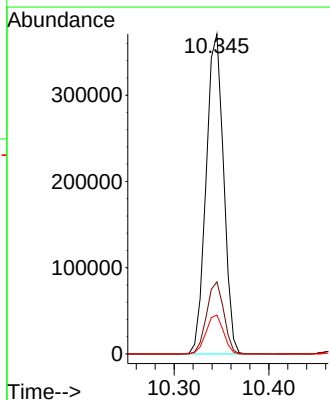
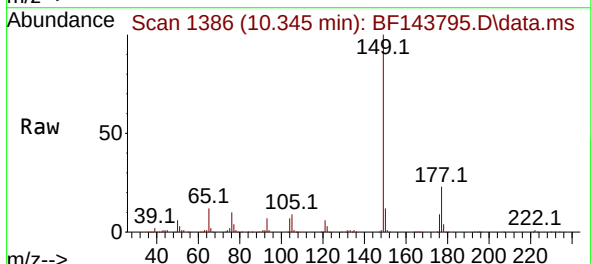
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

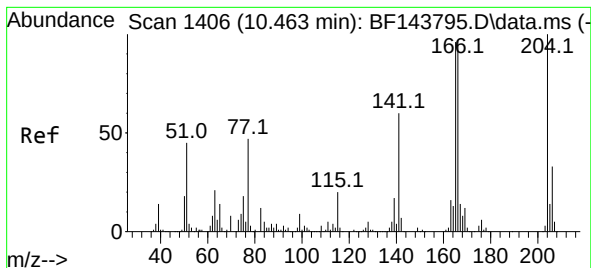
Tgt Ion:232 Resp: 145681
Ion Ratio Lower Upper
232 100
131 36.8 29.4 44.2
130 1.6 1.3 1.9
166 23.4 18.7 28.1



#60
Diethylphthalate
Concen: 42.438 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 473302
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.1 9.7 14.5

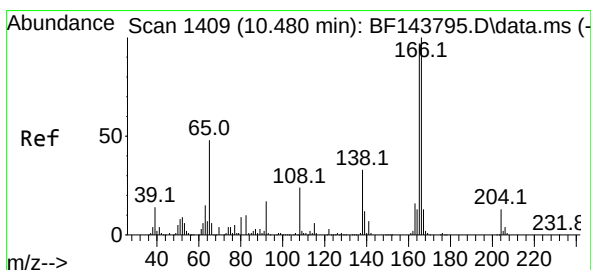
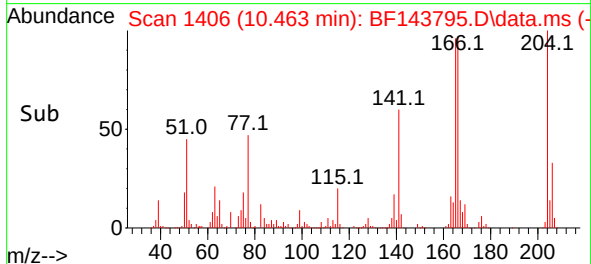
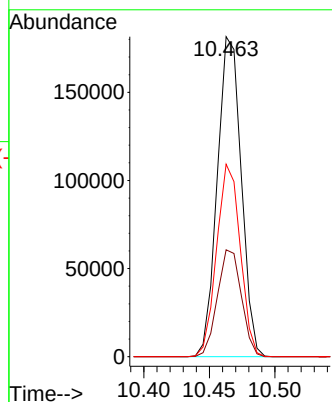
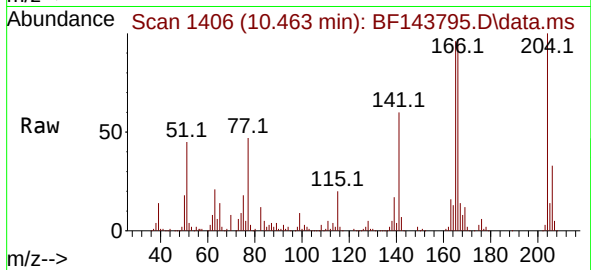




#61
4-Chlorophenyl-phenylether
Concen: 41.729 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

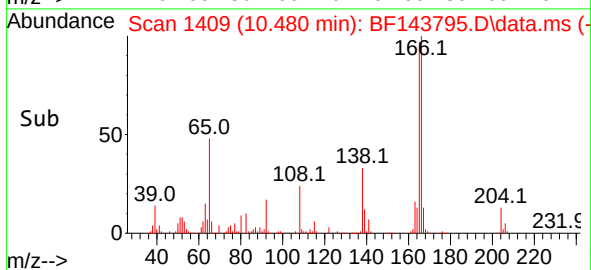
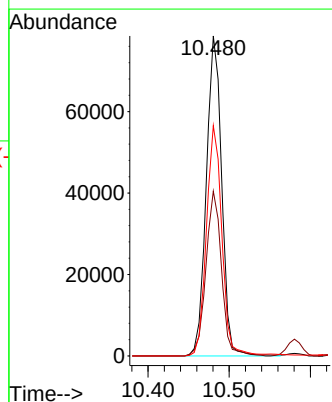
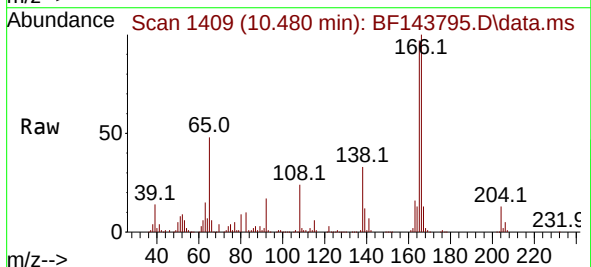
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

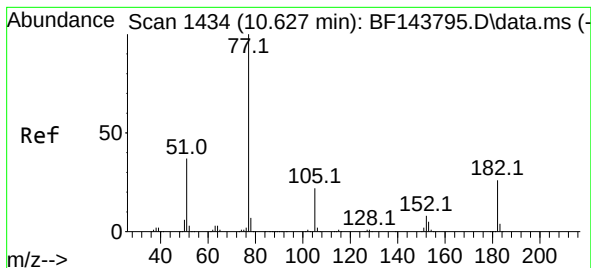
Tgt Ion:204 Resp: 230643
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 60.2 48.2 72.2



#62
4-Nitroaniline
Concen: 46.254 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:138 Resp: 103193
Ion Ratio Lower Upper
138 100
92 51.5 31.5 71.5
108 71.9 51.9 91.9





#63

Azobenzene

Concen: 42.532 ng

RT: 10.627 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 499929

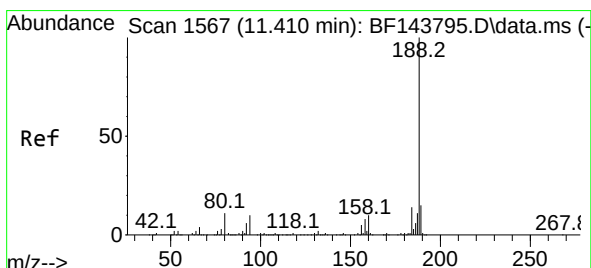
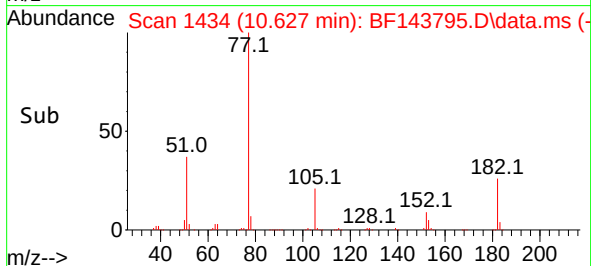
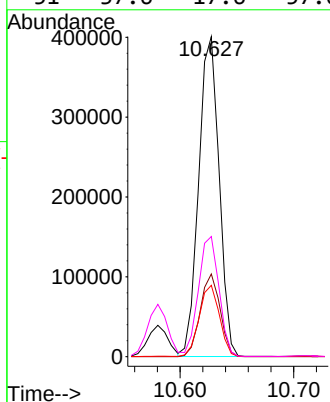
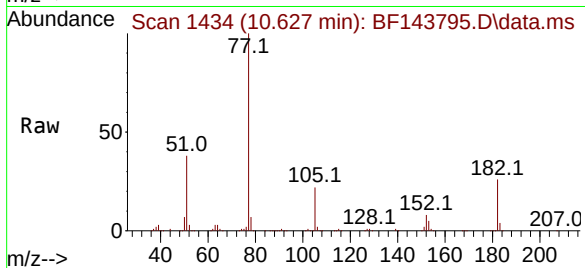
Ion Ratio Lower Upper

77 100

182 25.9 5.9 45.9

105 22.3 2.3 42.3

51 37.6 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: BF143795.D

Acq: 23 Sep 2025 13:59

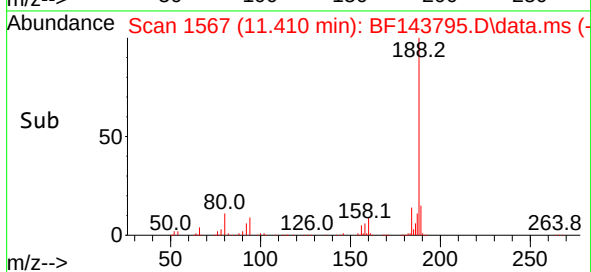
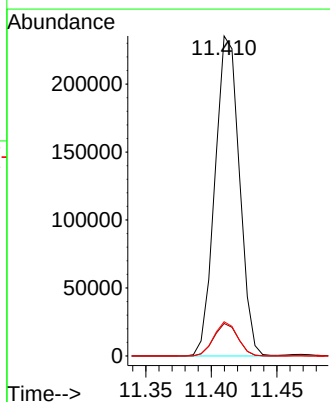
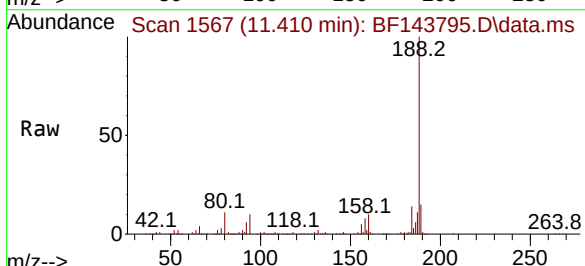
Tgt Ion: 188 Resp: 304940

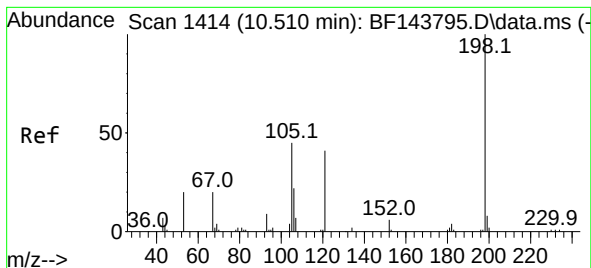
Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.7 8.6 12.8

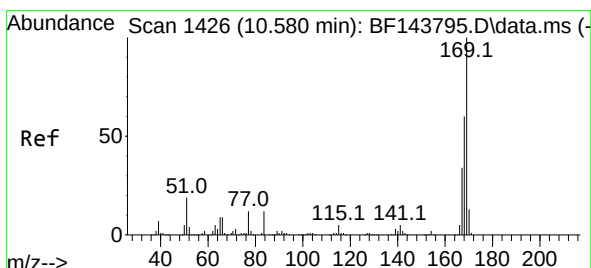
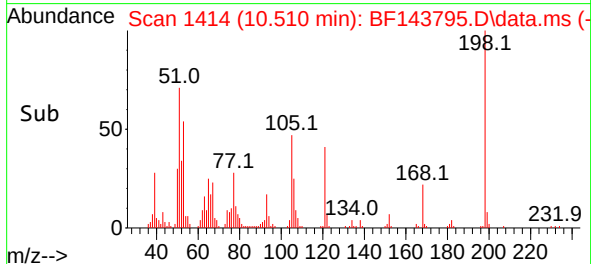
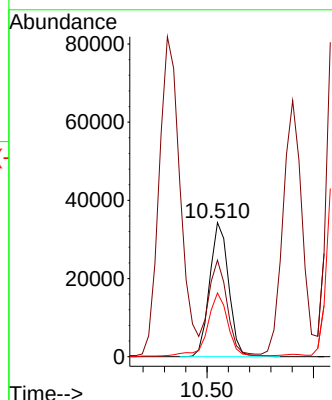
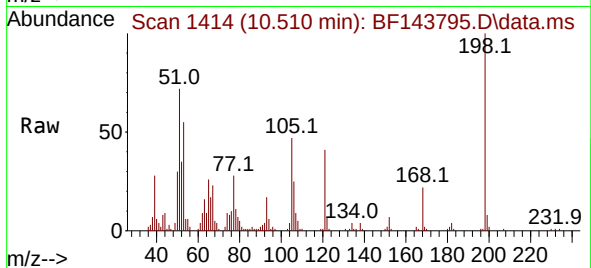




#65
4,6-Dinitro-2-methylphenol
Concen: 40.163 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

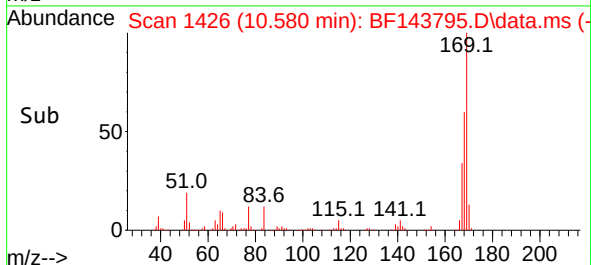
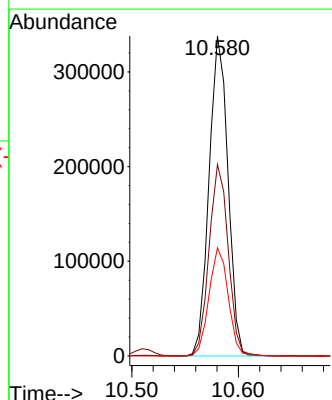
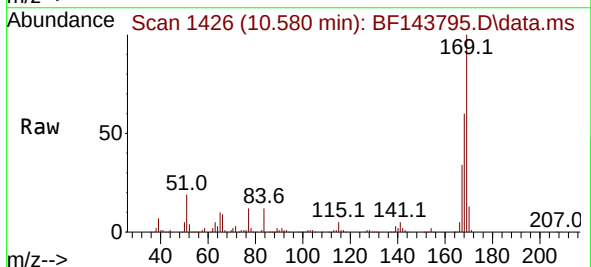
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

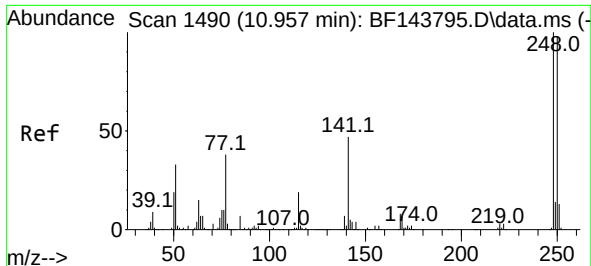
Tgt Ion:198 Resp: 42447
Ion Ratio Lower Upper
198 100
51 72.0 52.0 92.0
105 47.5 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 41.492 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:169 Resp: 416100
Ion Ratio Lower Upper
169 100
168 59.9 47.9 71.9
167 33.8 27.0 40.6

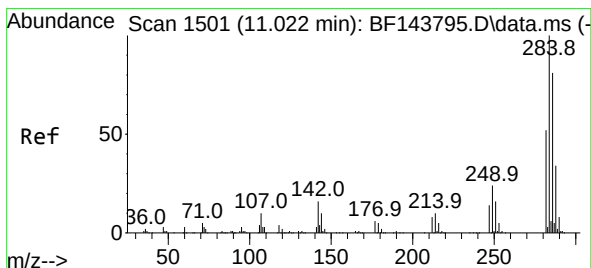
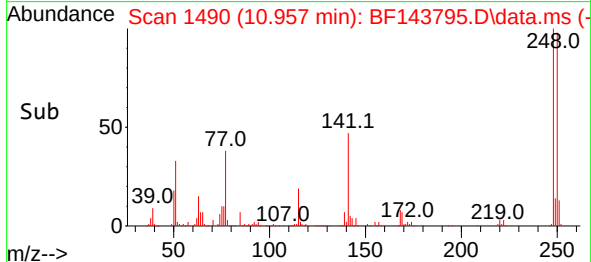
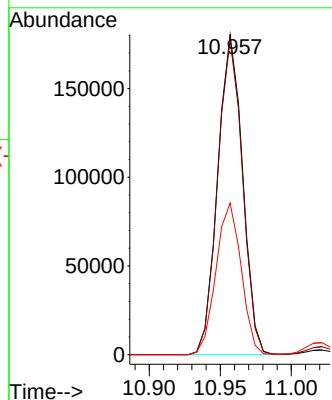
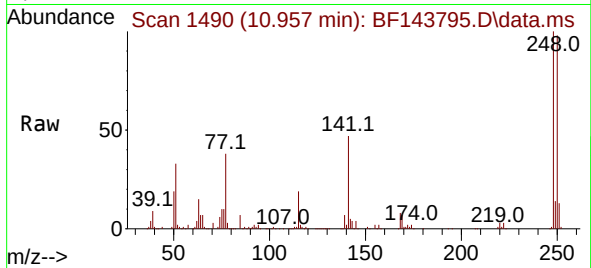




#67
4-Bromophenyl-phenylether
Concen: 42.319 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

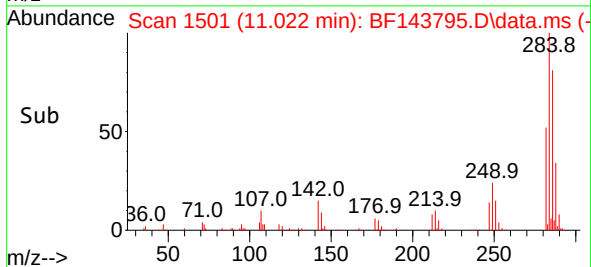
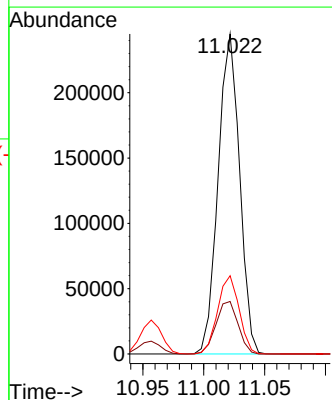
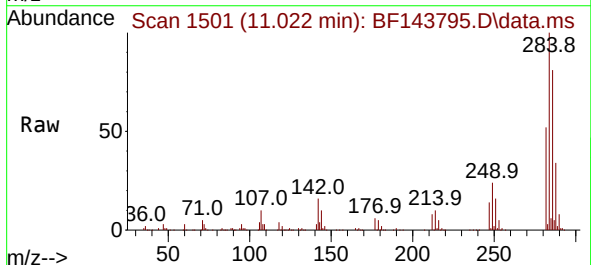
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

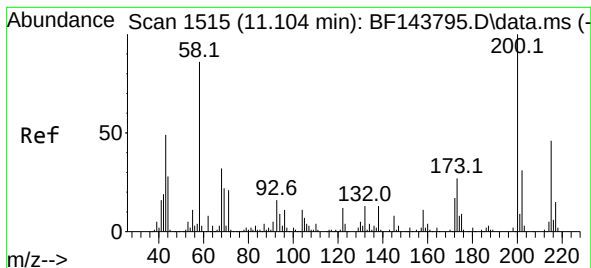
Tgt Ion:248 Resp: 219921
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 47.4 37.9 56.9



#68
Hexachlorobenzene
Concen: 41.941 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:284 Resp: 300364
Ion Ratio Lower Upper
284 100
142 16.4 13.1 19.7
249 24.4 19.5 29.3





#69

Atrazine

Concen: 44.222 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

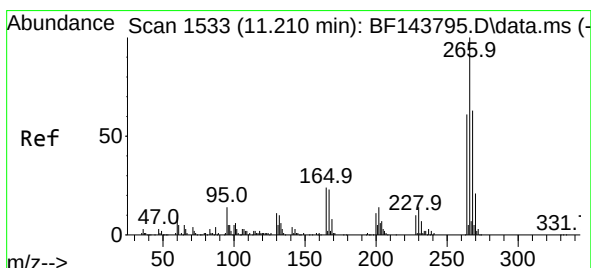
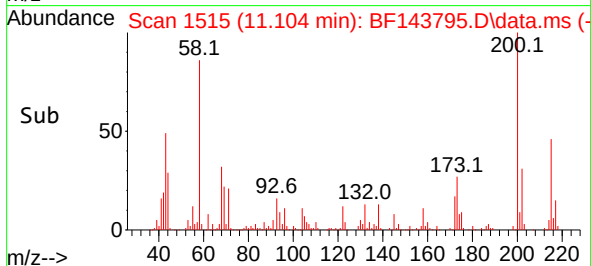
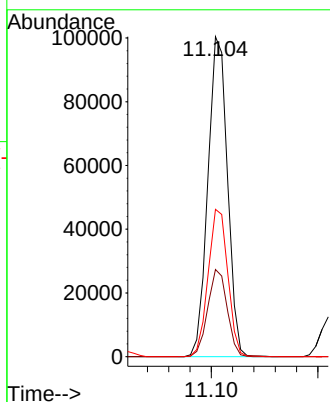
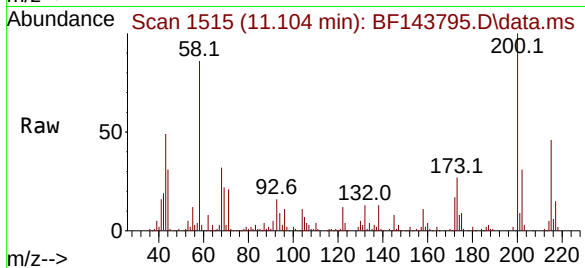
Tgt Ion:200 Resp: 128423

Ion Ratio Lower Upper

200 100

173 27.2 7.2 47.2

215 46.0 26.0 66.0



#70

Pentachlorophenol

Concen: 43.781 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

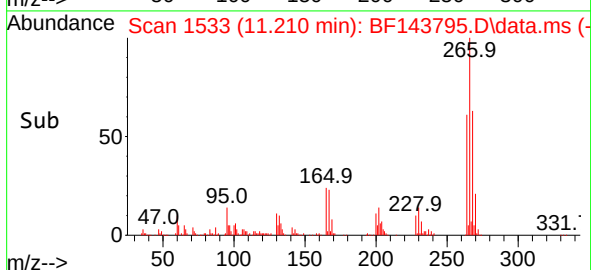
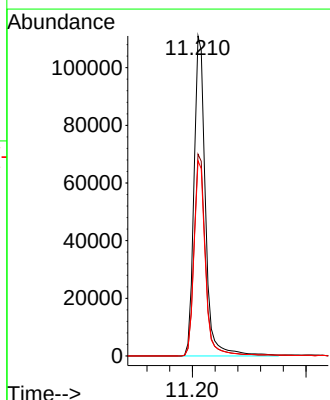
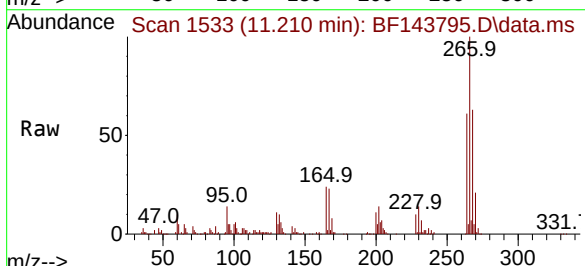
Tgt Ion:266 Resp: 156073

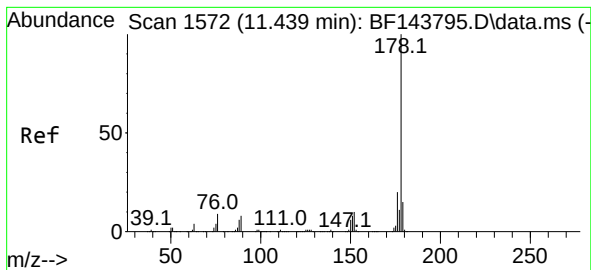
Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 61.0 48.8 73.2

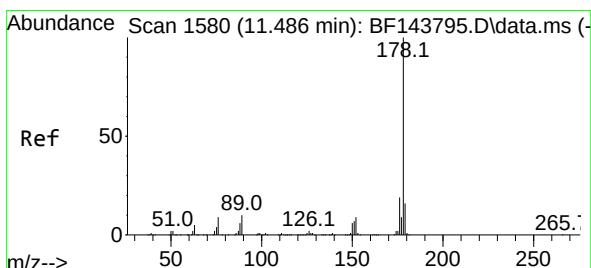
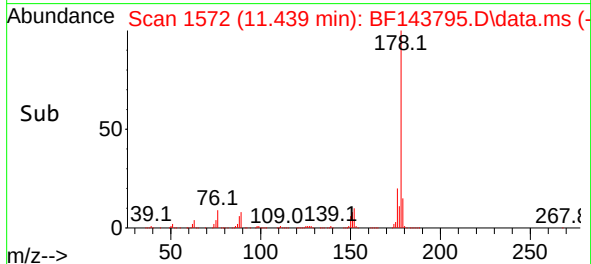
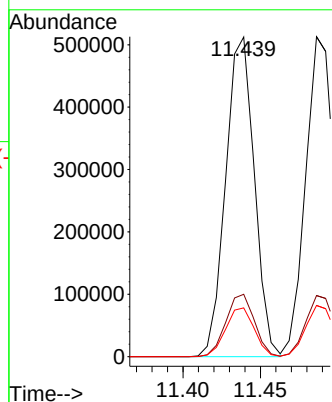
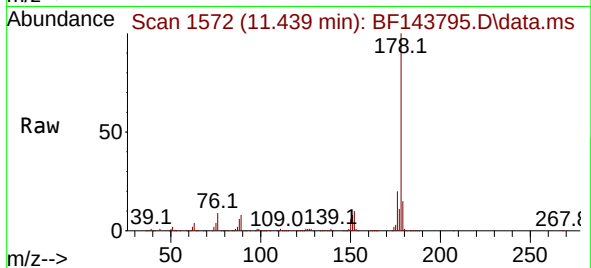




#71
Phenanthrene
Concen: 42.160 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

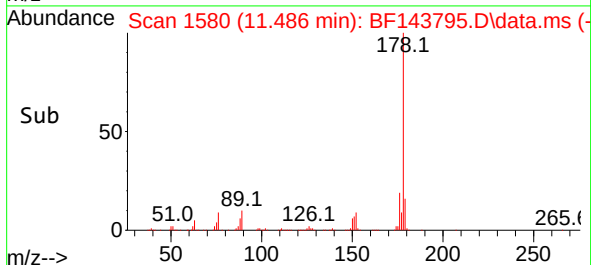
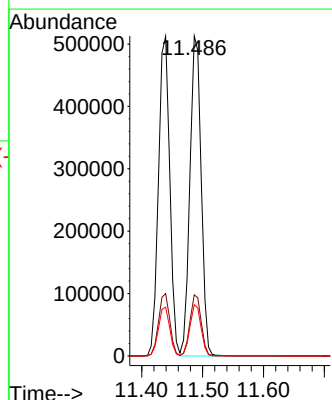
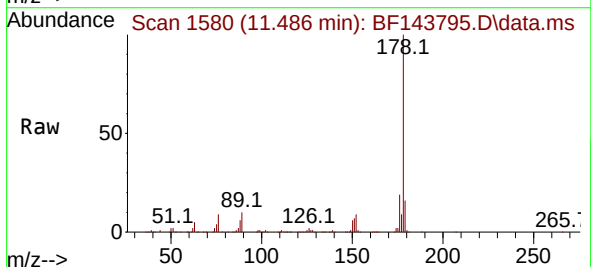
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

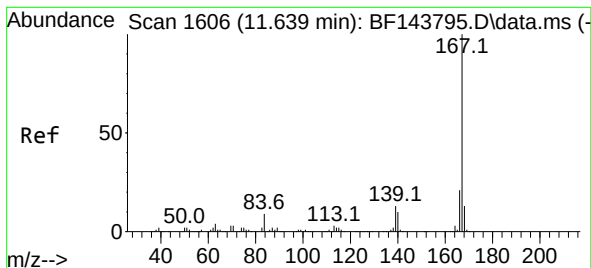
Tgt Ion:178 Resp: 660040
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.2 18.4



#72
Anthracene
Concen: 42.075 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:178 Resp: 660736
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.8 19.2





#73

Carbazole

Concen: 43.368 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

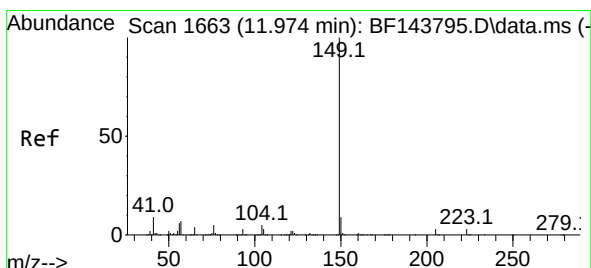
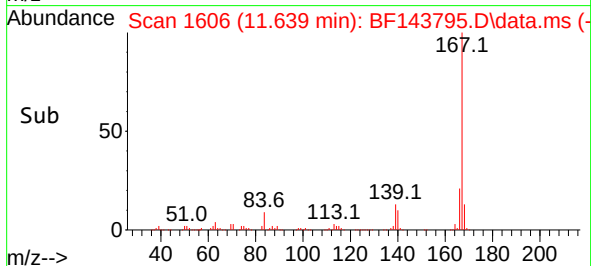
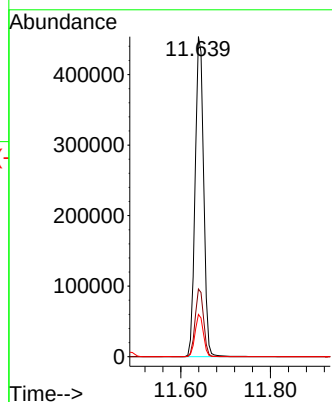
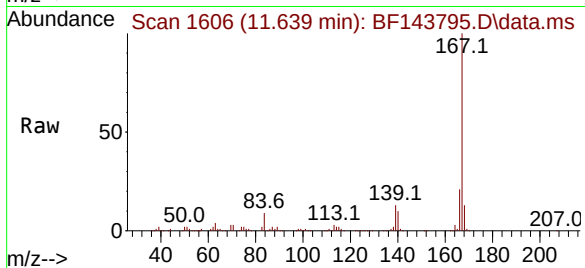
Tgt Ion:167 Resp: 595454

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 44.694 ng

RT: 11.974 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

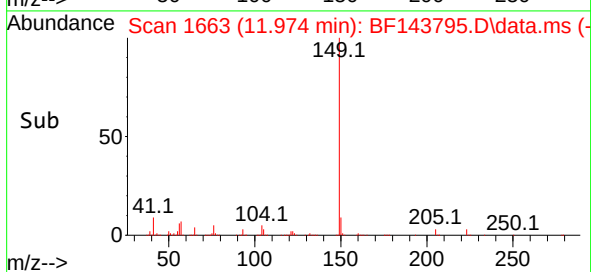
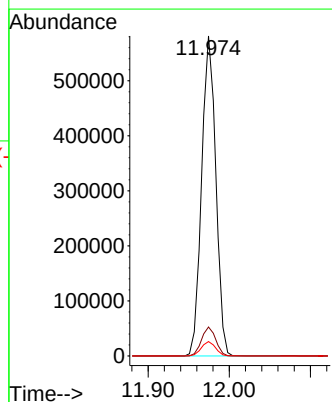
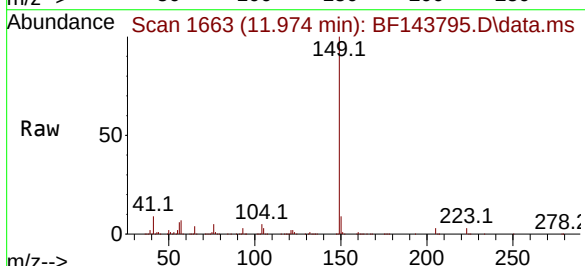
Tgt Ion:149 Resp: 705755

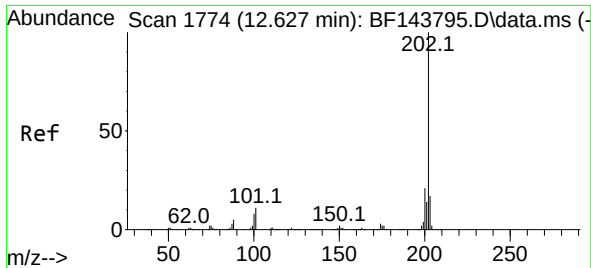
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.5 3.6 5.4

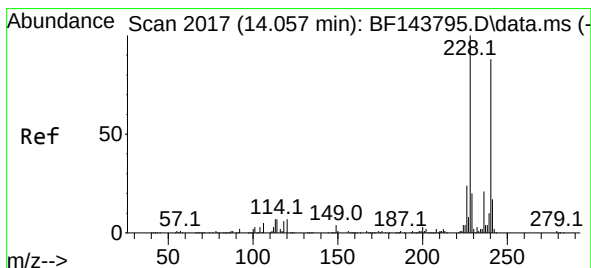
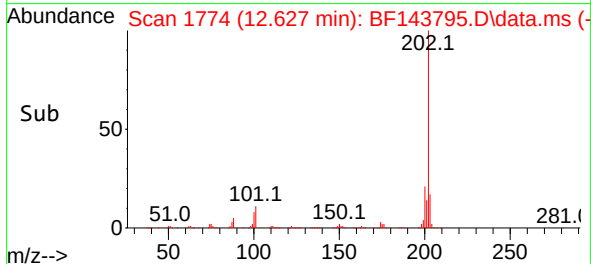
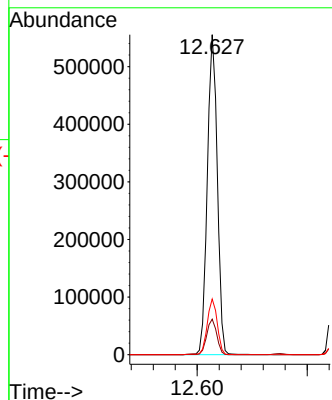
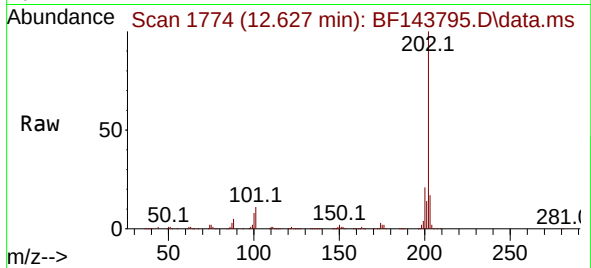




#75
Fluoranthene
Concen: 44.322 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

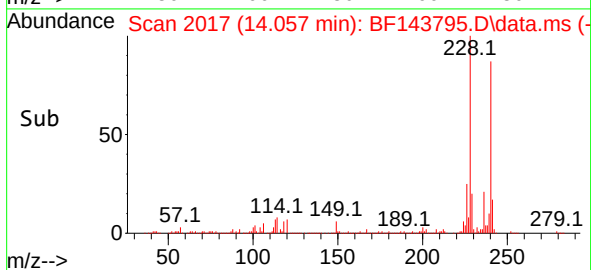
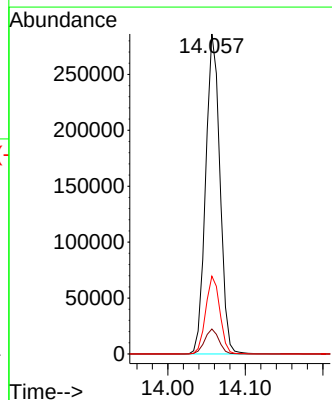
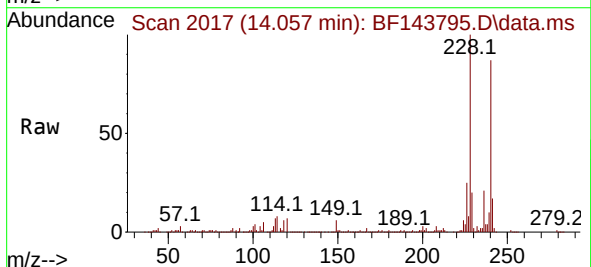
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

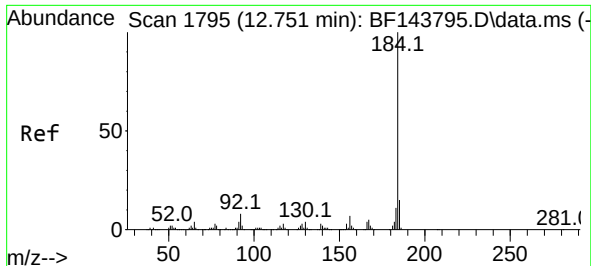
Tgt Ion:202 Resp: 697899
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:240 Resp: 365989
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.3 19.4 29.2

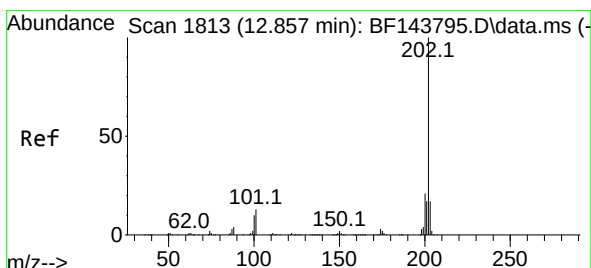
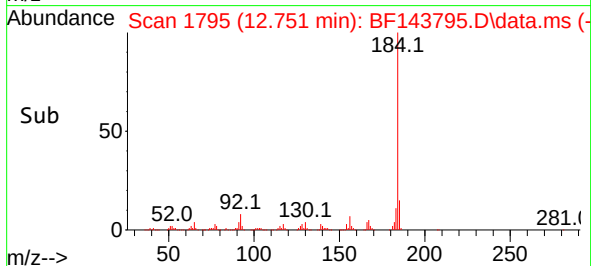
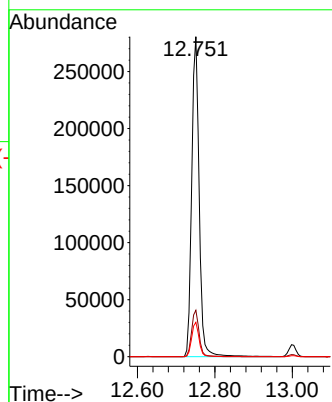
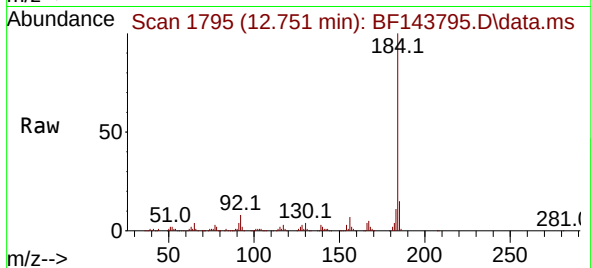




#77
Benzidine
Concen: 41.956 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

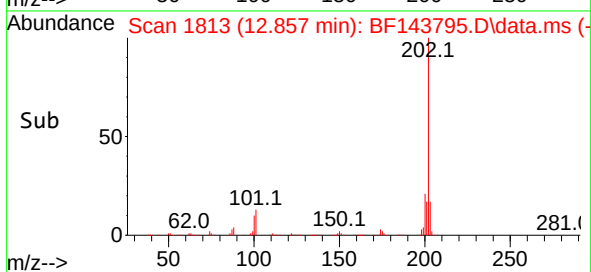
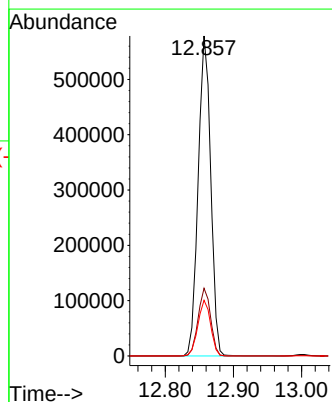
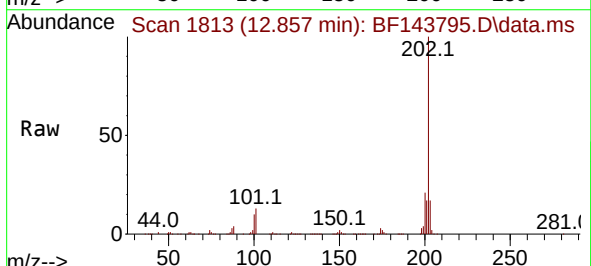
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

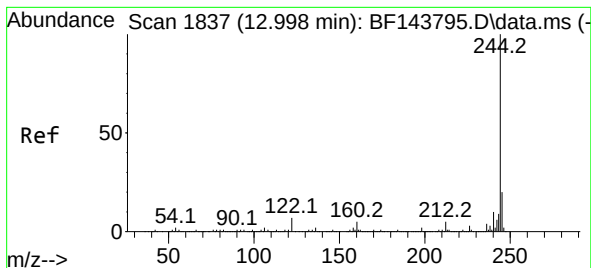
Tgt Ion:184 Resp: 374182
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 10.8 8.6 13.0



#78
Pyrene
Concen: 40.870 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:202 Resp: 735401
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 80.257 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

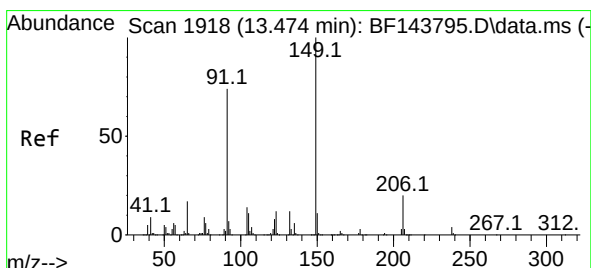
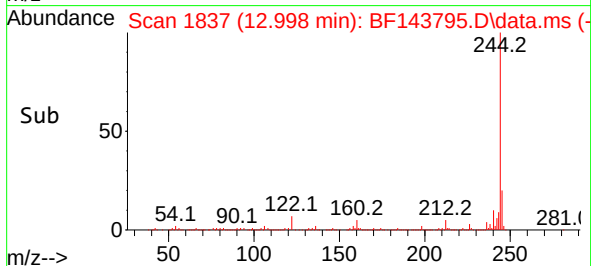
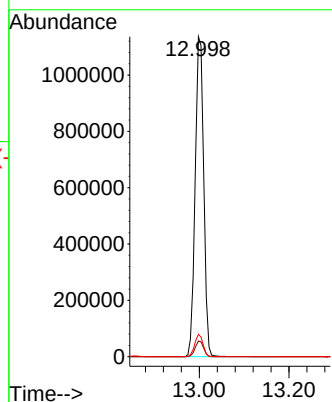
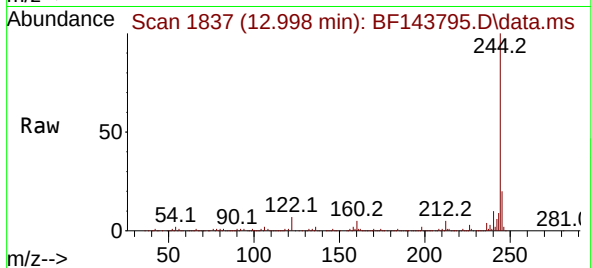
Tgt Ion:244 Resp: 1496108

Ion Ratio Lower Upper

244 100

212 4.9 3.9 5.9

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 46.027 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

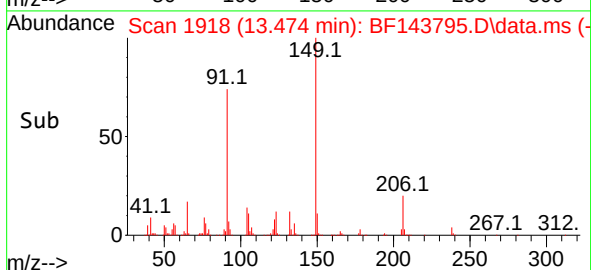
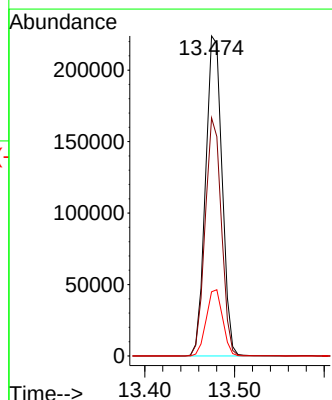
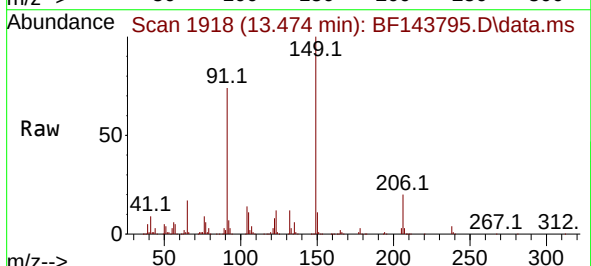
Tgt Ion:149 Resp: 286527

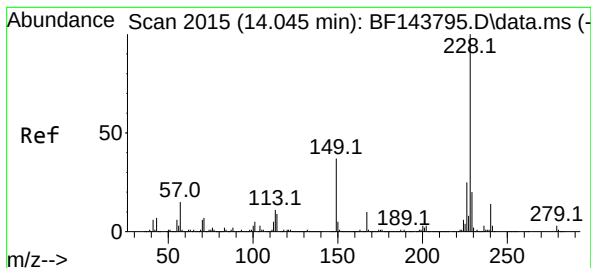
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

206 20.1 16.1 24.1

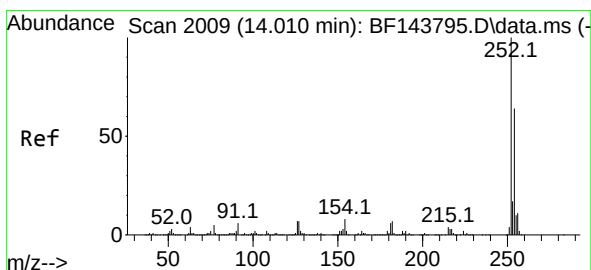
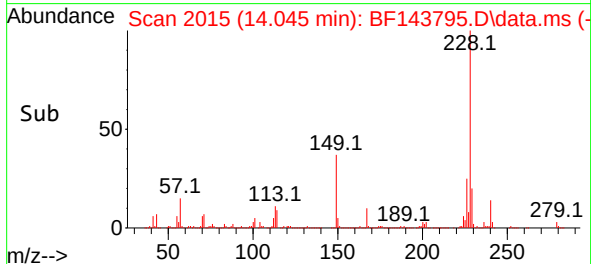
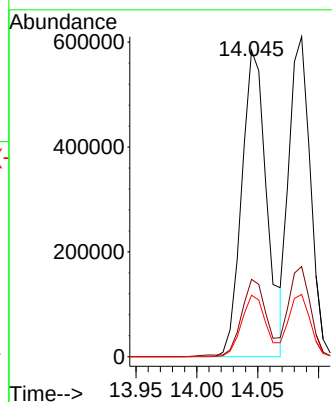
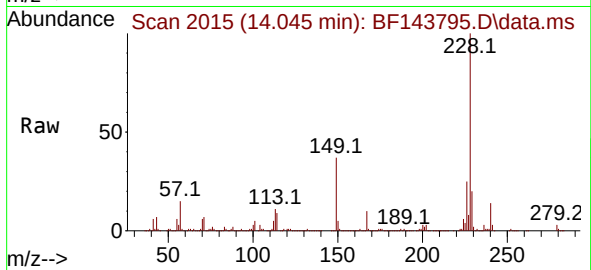




#81
Benzo(a)anthracene
Concen: 42.732 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

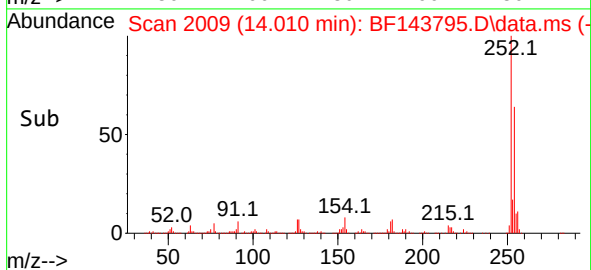
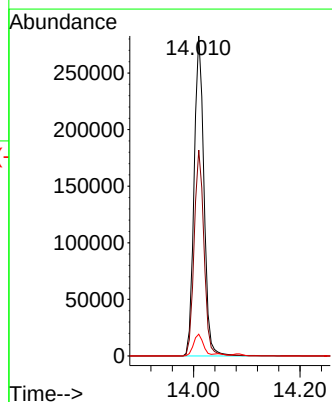
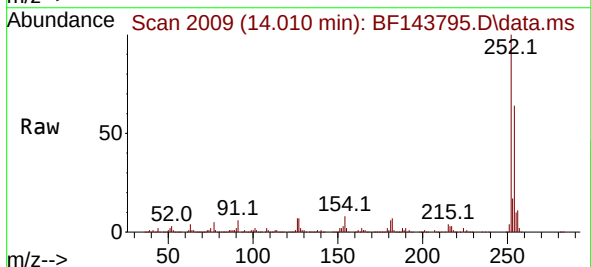
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

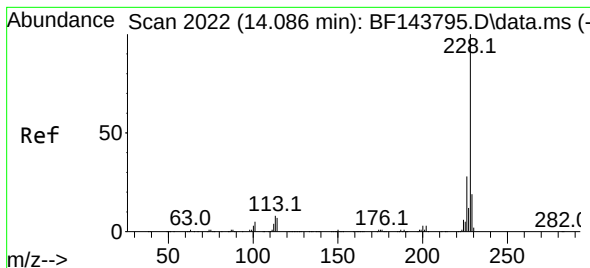
Tgt Ion:228 Resp: 840188
Ion Ratio Lower Upper
228 100
226 25.2 20.2 30.2
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 42.702 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 363730
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 6.8 5.4 8.2





#83

Chrysene

Concen: 41.873 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

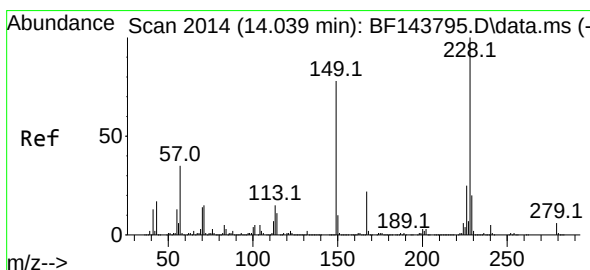
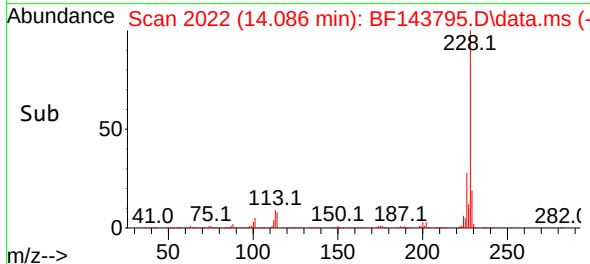
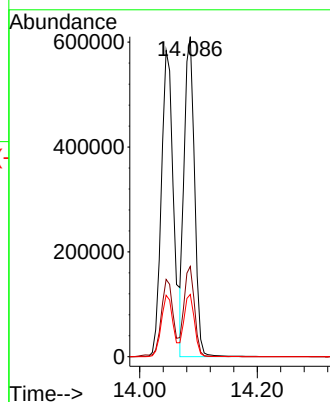
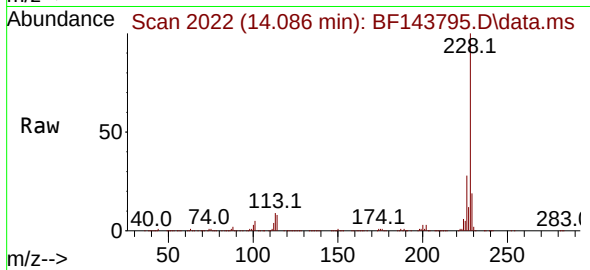
Tgt Ion:228 Resp: 744962

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.759 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

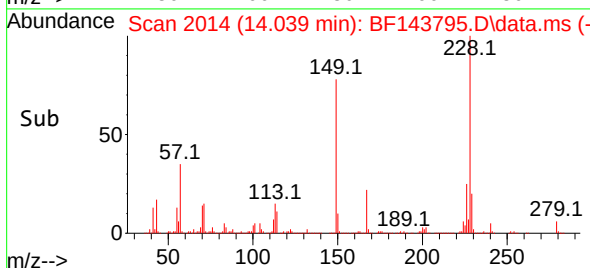
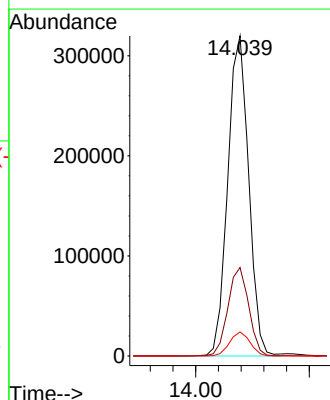
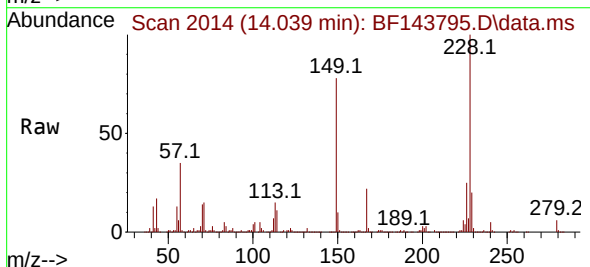
Tgt Ion:149 Resp: 408417

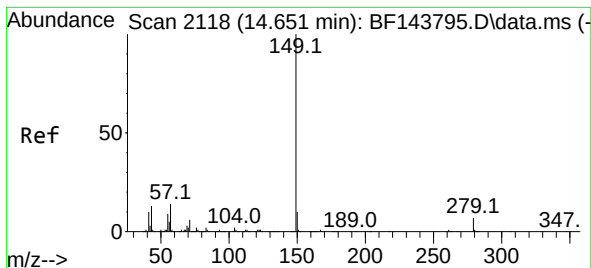
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 7.5 6.0 9.0

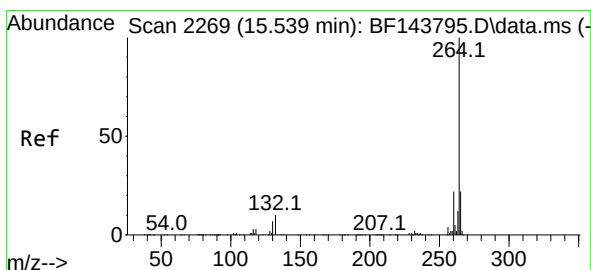
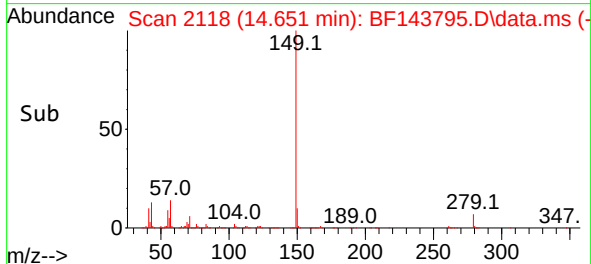
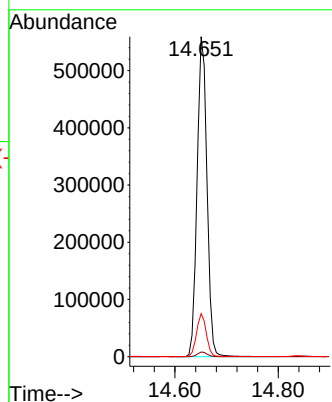
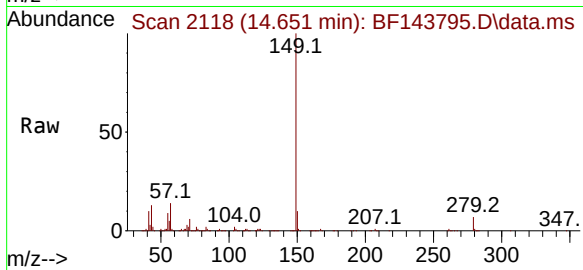




#85
Di-n-octyl phthalate
Concen: 44.811 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

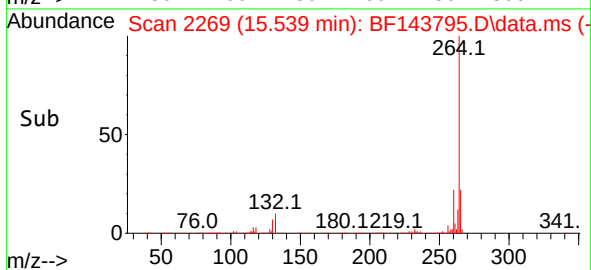
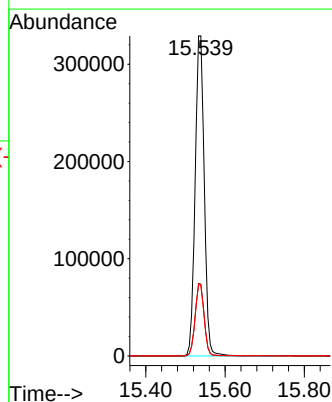
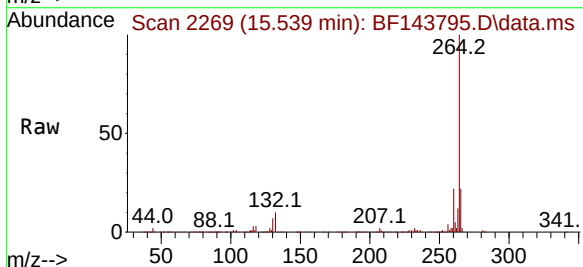
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

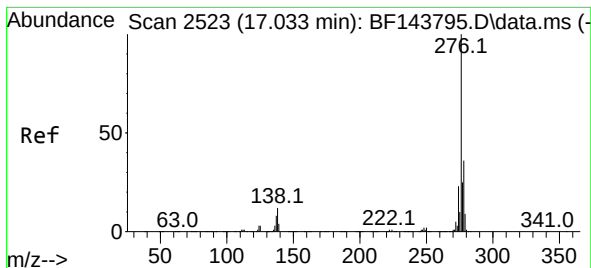
Tgt Ion:149 Resp: 741702
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.4 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:264 Resp: 525577
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.389 ng

RT: 17.033 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

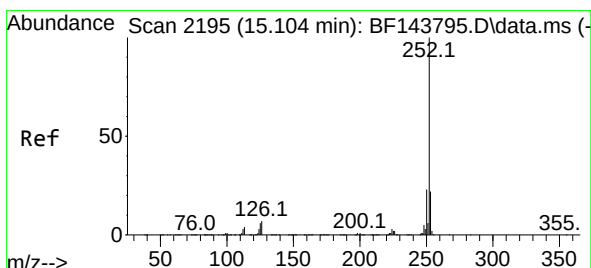
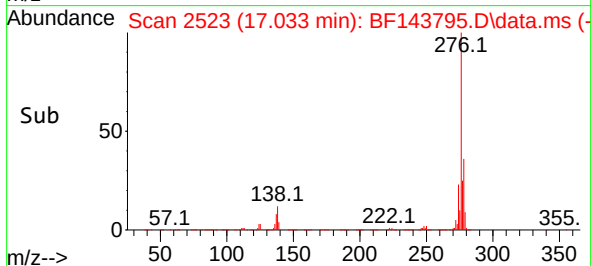
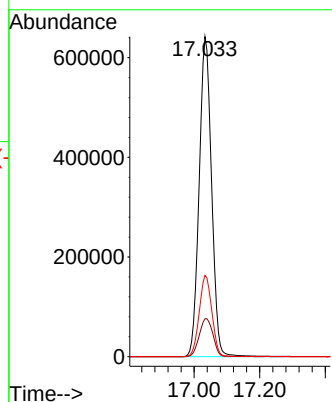
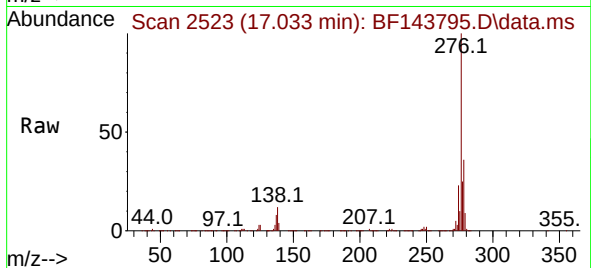
Tgt Ion:276 Resp: 1690390

Ion Ratio Lower Upper

276 100

138 13.2 10.6 15.8

277 25.9 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 43.365 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

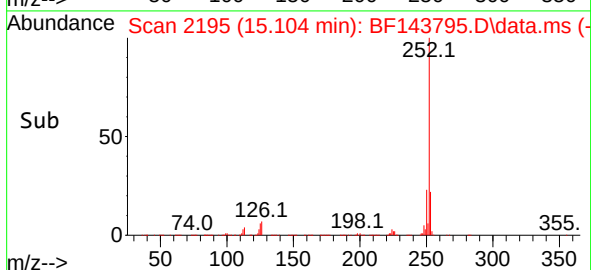
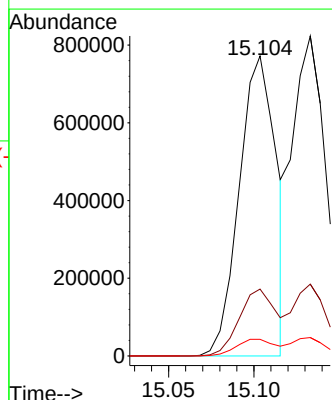
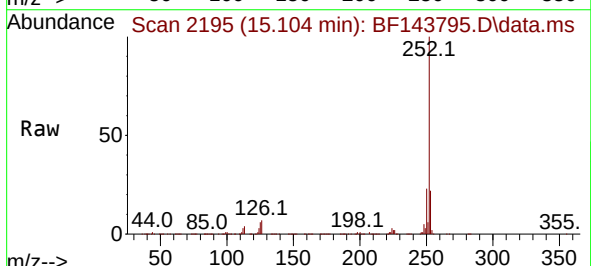
Tgt Ion:252 Resp: 1160651

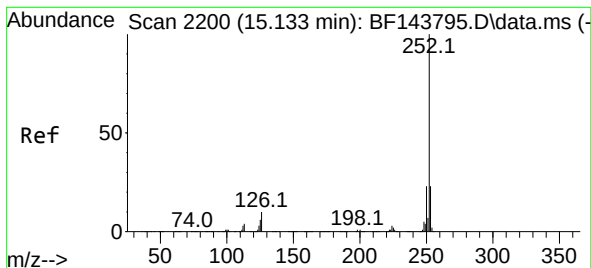
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 42.573 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

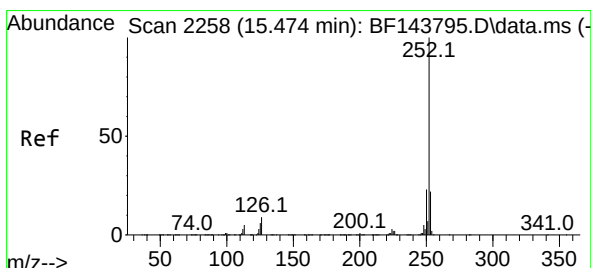
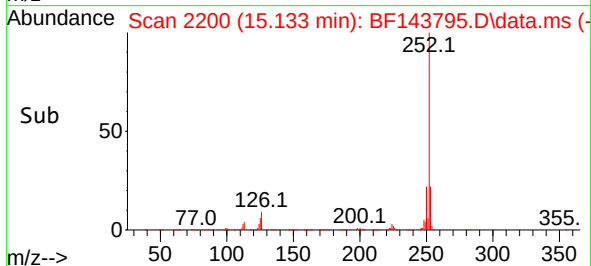
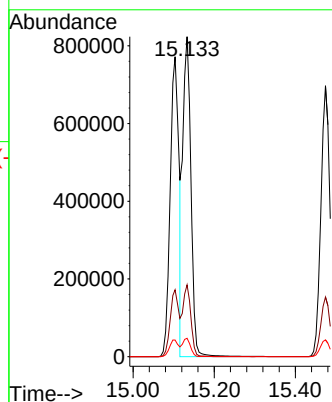
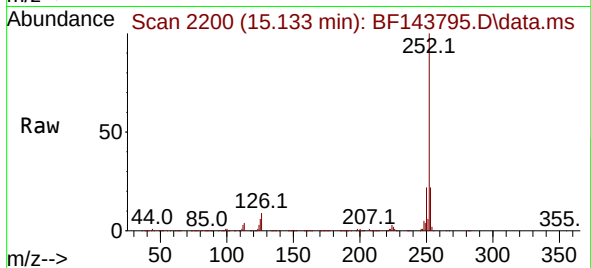
Tgt Ion:252 Resp: 1144789

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 5.7 4.6 6.8



#90

Benzo(a)pyrene

Concen: 42.908 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

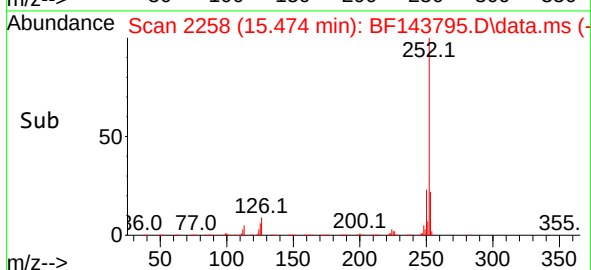
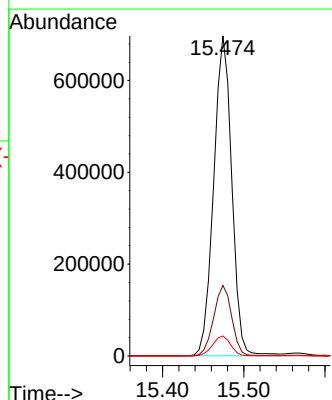
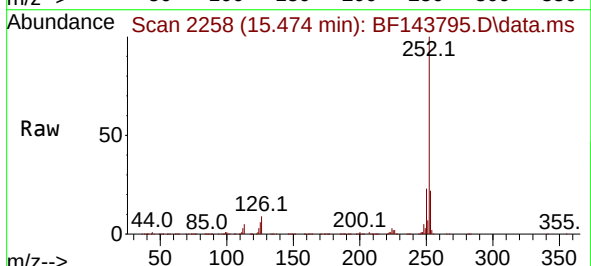
Tgt Ion:252 Resp: 1079512

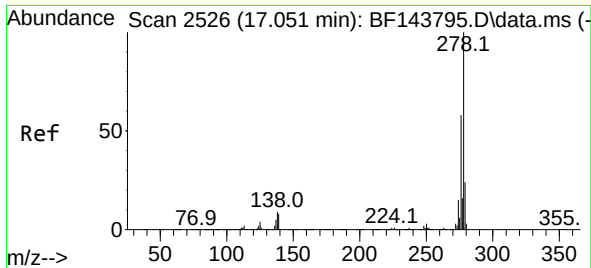
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 6.2 5.0 7.4

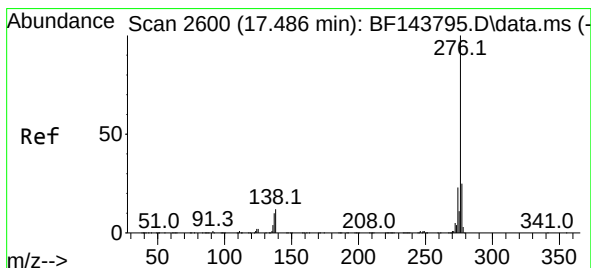
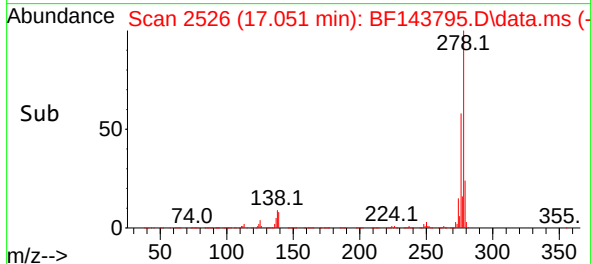
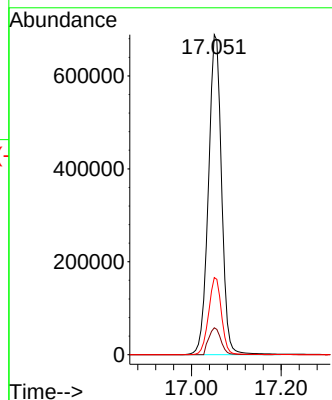
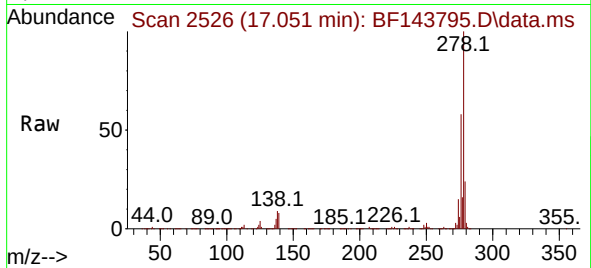




#91
 Dibenzo(a,h)anthracene
 Concen: 42.920 ng
 RT: 17.051 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion:278 Resp: 1399884
 Ion Ratio Lower Upper
 278 100
 139 8.4 6.7 10.1
 279 24.1 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 42.757 ng
 RT: 17.486 min Scan# 2600
 Delta R.T. -0.018 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 1344334
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.6 29.4
 138 11.5 9.2 13.8

