

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142703.D
 Acq On : 10 Jun 2025 10:37
 Operator : RC/JU
 Sample : PB168351BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168351BS

Quant Time: Jun 10 11:44:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	87982	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	355357	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	234579	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	361738	20.000	ng	0.00
76) Chrysene-d12	14.069	240	224252	20.000	ng	0.00
86) Perylene-d12	15.563	264	175871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	676033	130.467	ng	0.01
7) Phenol-d6	6.528	99	835368	137.473	ng	0.00
23) Nitrobenzene-d5	7.463	82	527705	81.611	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	323021	122.564	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1342901	78.290	ng	0.00
79) Terphenyl-d14	13.010	244	1287648	90.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	87340	44.017	ng	99
3) Pyridine	3.528	79	228082	44.569	ng	99
4) n-Nitrosodimethylamine	3.487	42	121943	48.958	ng	97
6) Aniline	6.557	93	281030	34.447	ng	95
8) 2-Chlorophenol	6.681	128	280377	49.595	ng	99
9) Benzaldehyde	6.446	77	138592	40.457	ng	99
10) Phenol	6.540	94	329818	48.470	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	246646	49.755	ng	99
12) 1,3-Dichlorobenzene	6.834	146	303713	47.970	ng	98
13) 1,4-Dichlorobenzene	6.910	146	304840	47.090	ng	98
14) 1,2-Dichlorobenzene	7.063	146	295932	47.944	ng	98
15) Benzyl Alcohol	7.034	79	225996	50.843	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	381914	47.312	ng	97
17) 2-Methylphenol	7.151	107	218778	50.468	ng	96
18) Hexachloroethane	7.404	117	109093	49.052	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	181530	50.962	ng	100
20) 3+4-Methylphenols	7.304	107	268521	50.296	ng	# 89
22) Acetophenone	7.304	105	362815	46.706	ng	100
24) Nitrobenzene	7.481	77	271715	46.595	ng	100
25) Isophorone	7.716	82	502522	47.902	ng	100
26) 2-Nitrophenol	7.793	139	156091	48.526	ng	96
27) 2,4-Dimethylphenol	7.834	122	263805	48.256	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	313108	47.586	ng	99
29) 2,4-Dichlorophenol	8.040	162	243384	48.597	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	259339	47.473	ng	99
31) Naphthalene	8.204	128	835495	47.713	ng	99
32) Benzoic acid	7.957	122	162235	48.937	ng	99
33) 4-Chloroaniline	8.245	127	146610	20.365	ng	99
34) Hexachlorobutadiene	8.316	225	164295	48.832	ng	98
35) Caprolactam	8.622	113	42688	27.751	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	265547	51.403	ng	98
37) 2-Methylnaphthalene	8.892	142	552683	50.160	ng	99
38) 1-Methylnaphthalene	8.992	142	575999	50.482	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	284698	41.996	ng	99
41) Hexachlorocyclopentadiene	9.045	237	368013	92.441	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	202651	45.558	ng	99

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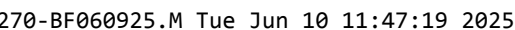
Instrument :
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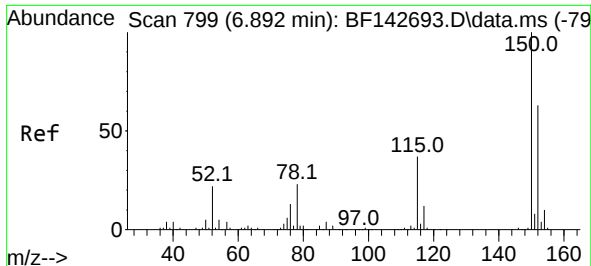
Quant Time: Jun 10 11:44:33 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	216883	45.649	ng	99
46) 1,1'-Biphenyl	9.357	154	842922	46.211	ng	100
47) 2-Chloronaphthalene	9.387	162	628659	45.997	ng	100
48) 2-Nitroaniline	9.481	65	190828	46.920	ng	100
49) Acenaphthylene	9.798	152	1066877	47.099	ng	100
50) Dimethylphthalate	9.657	163	755695	47.881	ng	100
51) 2,6-Dinitrotoluene	9.722	165	168310	49.298	ng	100
52) Acenaphthene	9.975	154	710194	51.253	ng	100
53) 3-Nitroaniline	9.887	138	104535	27.249	ng	99
54) 2,4-Dinitrophenol	10.004	184	208671	110.393	ng	97
55) Dibenzofuran	10.145	168	936093	47.089	ng	100
56) 4-Nitrophenol	10.057	139	293333	111.243	ng	94
57) 2,4-Dinitrotoluene	10.128	165	234351	51.208	ng	99
58) Fluorene	10.486	166	698219	43.943	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	199035	49.784	ng	100
60) Diethylphthalate	10.357	149	731481	47.740	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	351812	46.831	ng	99
62) 4-Nitroaniline	10.510	138	162018	44.521	ng	98
63) Azobenzene	10.639	77	585420	42.653	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	120572	52.260	ng	98
66) n-Nitrosodiphenylamine	10.598	169	585501	50.131	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	198868	49.738	ng	98
68) Hexachlorobenzene	11.039	284	227017	49.413	ng	98
69) Atrazine	11.122	200	186305	52.600	ng	99
70) Pentachlorophenol	11.233	266	260373	103.055	ng	99
71) Phenanthrene	11.451	178	926763	47.923	ng	100
72) Anthracene	11.504	178	954092	47.541	ng	100
73) Carbazole	11.657	167	903318	49.986	ng	100
74) Di-n-butylphthalate	11.980	149	977260	50.939	ng	100
75) Fluoranthene	12.639	202	981068	50.634	ng	98
77) Benzidine	12.763	184	288524	37.279	ng	99
78) Pyrene	12.875	202	994180	54.407	ng	100
80) Butylbenzylphthalate	13.486	149	288402	51.251	ng	100
81) Benzo(a)anthracene	14.057	228	755742	51.928	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	95297	20.485	ng	99
83) Chrysene	14.098	228	668732	48.511	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	348342	54.219	ng	99
85) Di-n-octyl phthalate	14.657	149	592340	47.404	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	789735	63.481	ng	100
88) Benzo(b)fluoranthene	15.127	252	651571	62.011	ng	99
89) Benzo(k)fluoranthene	15.157	252	589170	59.587	ng	99
90) Benzo(a)pyrene	15.504	252	492373	50.007	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	642495	64.156	ng	100
92) Benzo(g,h,i)perylene	17.545	276	644132	62.114	ng	99

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

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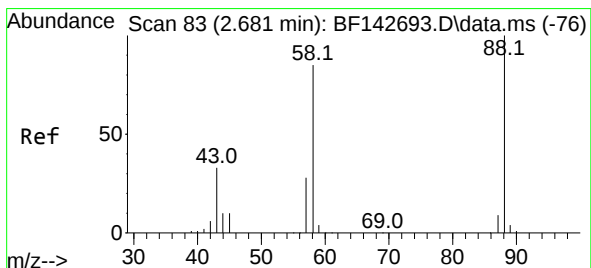
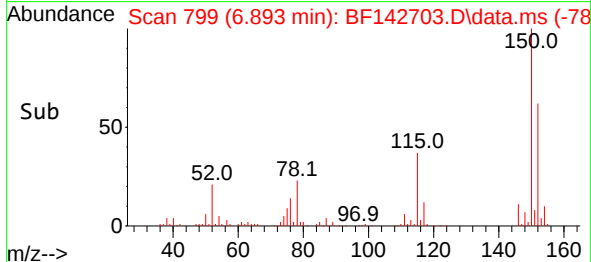
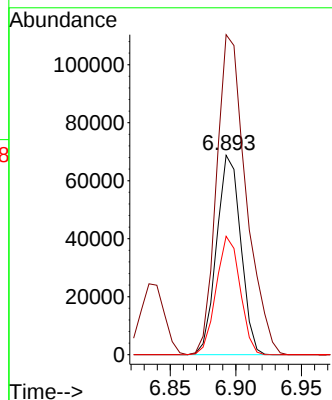
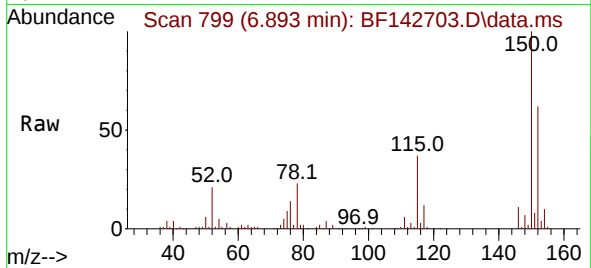




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

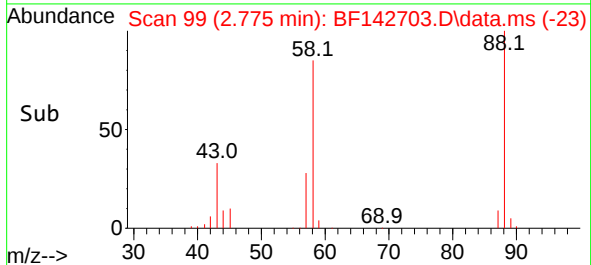
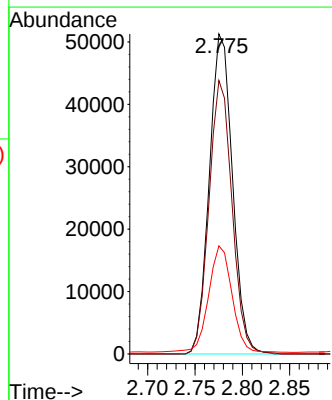
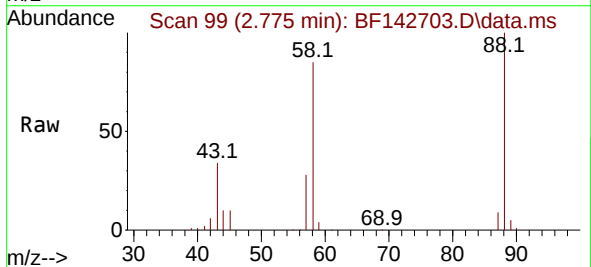
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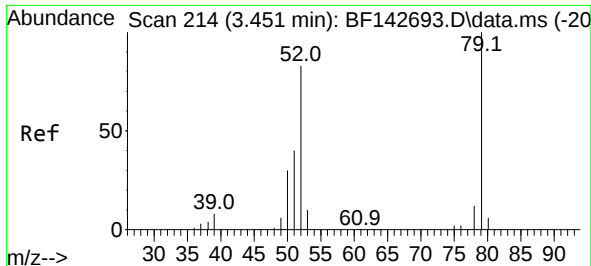
Tgt Ion:152 Resp: 87982
Ion Ratio Lower Upper
152 100
150 160.5 126.8 190.2
115 59.4 46.8 70.2



#2
1,4-Dioxane
Concen: 44.017 ng
RT: 2.775 min Scan# 99
Delta R.T. 0.094 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion: 88 Resp: 87340
Ion Ratio Lower Upper
88 100
58 85.1 69.2 103.8
43 33.6 26.3 39.5

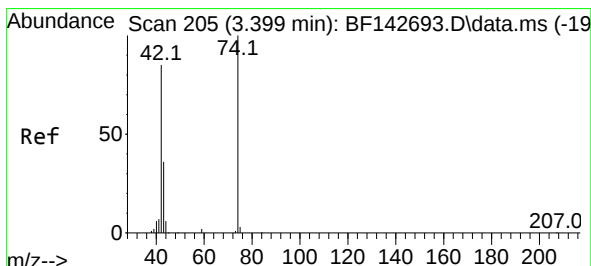
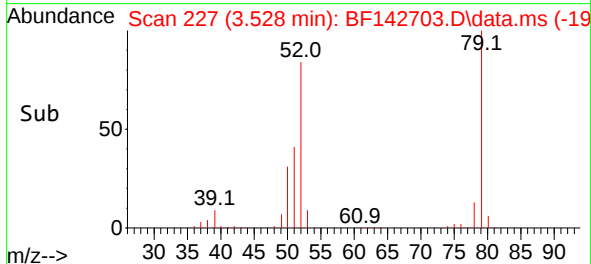
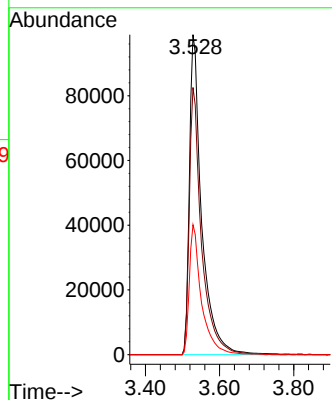
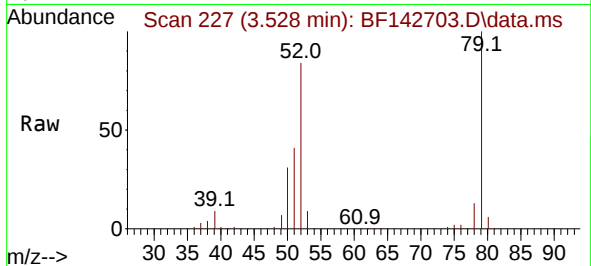




#3
Pyridine
Concen: 44.569 ng
RT: 3.528 min Scan# 214
Delta R.T. 0.077 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

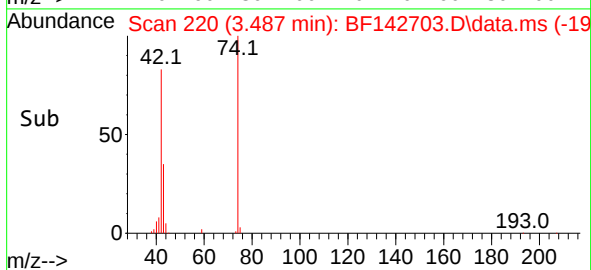
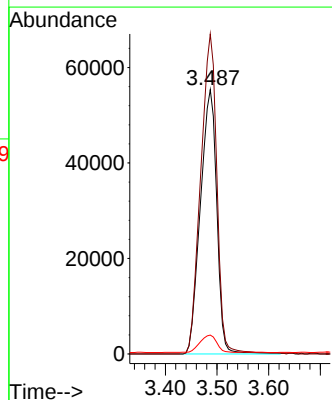
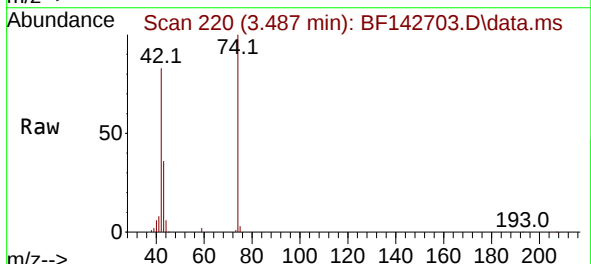
Instrument :
BNA_F
ClientSampleId :
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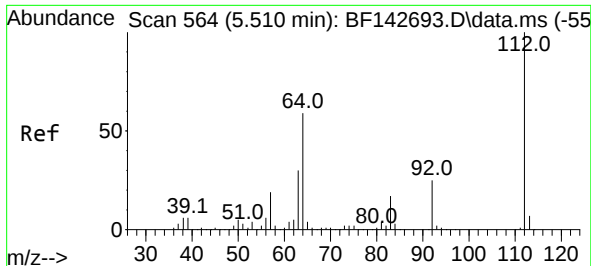
Tgt Ion: 79 Resp: 228082
Ion Ratio Lower Upper
79 100
52 83.5 66.6 99.8
51 40.6 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 48.958 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.059 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion: 42 Resp: 121943
Ion Ratio Lower Upper
42 100
74 121.1 94.5 141.7
44 7.1 5.6 8.4

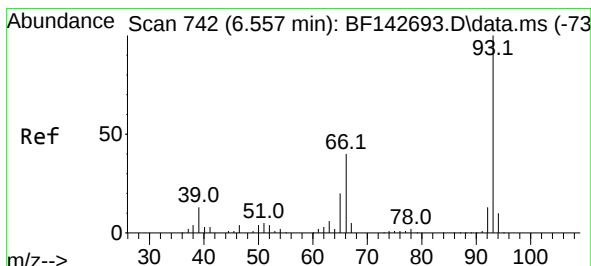
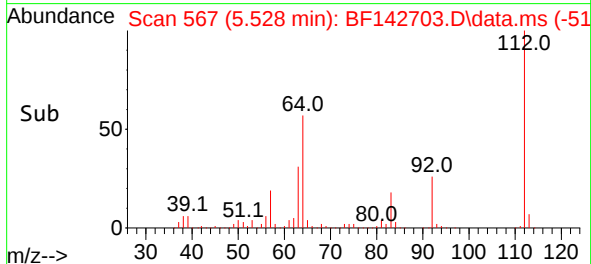
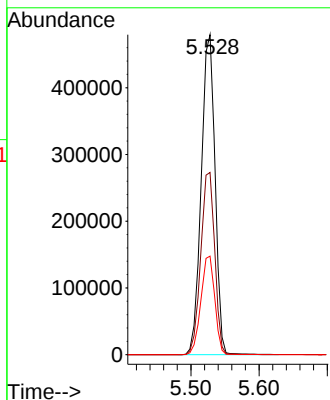
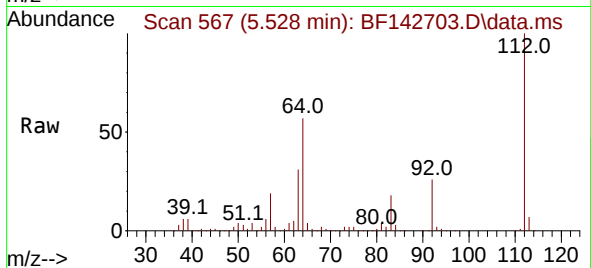




#5
2-Fluorophenol
Concen: 130.467 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

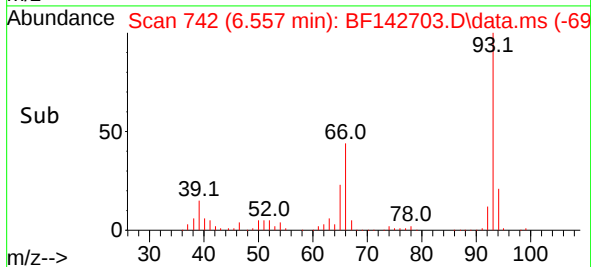
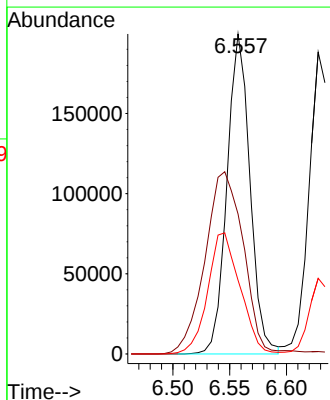
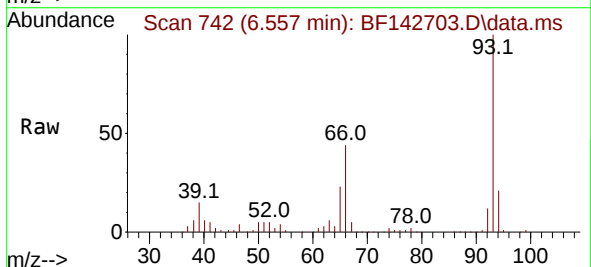
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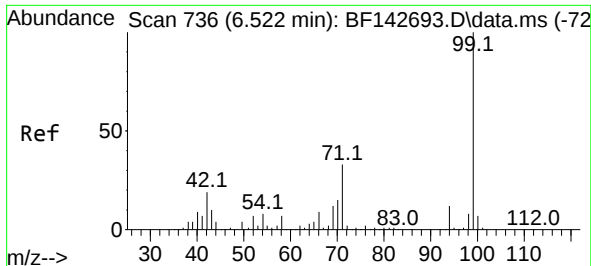
Tgt Ion:112 Resp: 676033
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 30.8 24.3 36.5



#6
Aniline
Concen: 34.447 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion: 93 Resp: 281030
Ion Ratio Lower Upper
93 100
66 43.7 32.8 49.2
65 23.0 16.4 24.6





#7

Phenol-d6

Concen: 137.473 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

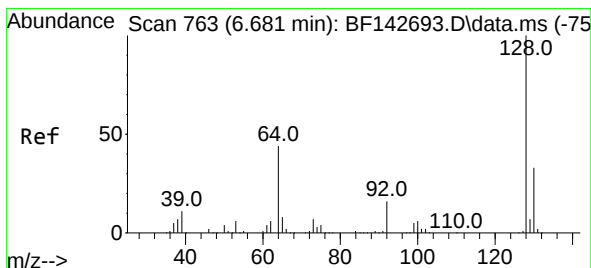
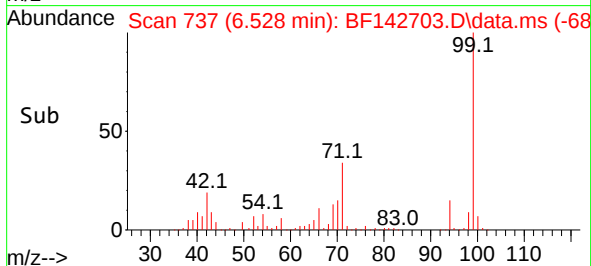
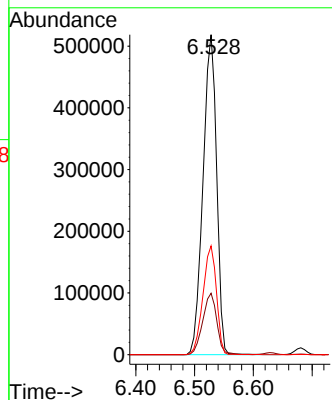
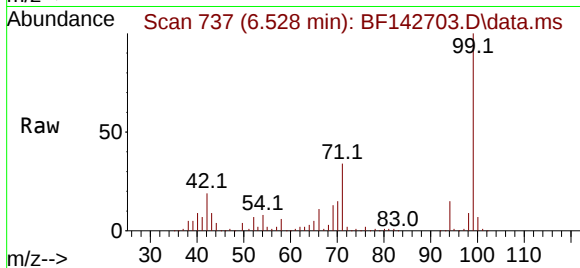
Tgt Ion: 99 Resp: 835368

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

71 34.0 26.3 39.5



#8

2-Chlorophenol

Concen: 49.595 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

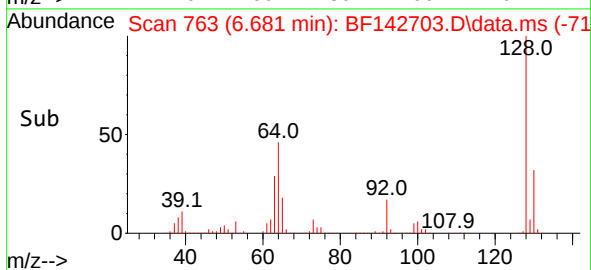
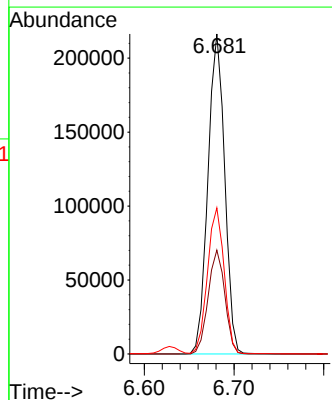
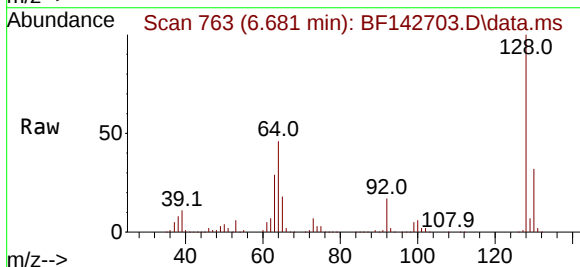
Tgt Ion:128 Resp: 280377

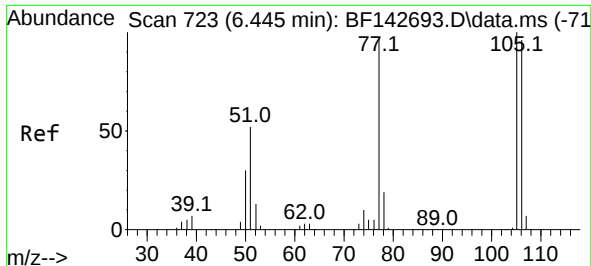
Ion Ratio Lower Upper

128 100

130 32.5 13.3 53.3

64 45.6 25.4 65.4





#9

Benzaldehyde

Concen: 40.457 ng

RT: 6.446 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142703.D

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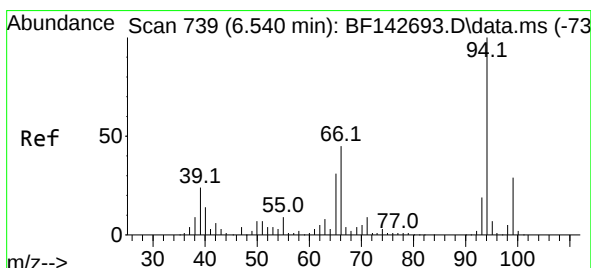
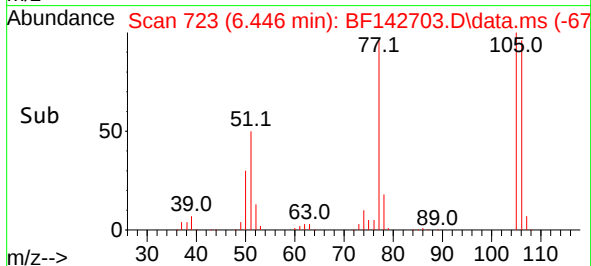
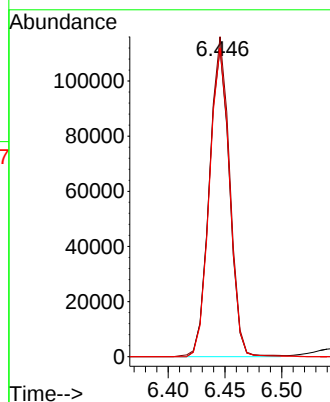
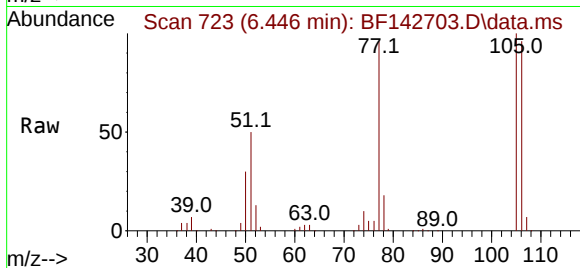
Tgt Ion: 77 Resp: 138592

Ion Ratio Lower Upper

77 100

105 103.9 83.2 123.2

106 100.2 78.7 118.7



#10

Phenol

Concen: 48.470 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

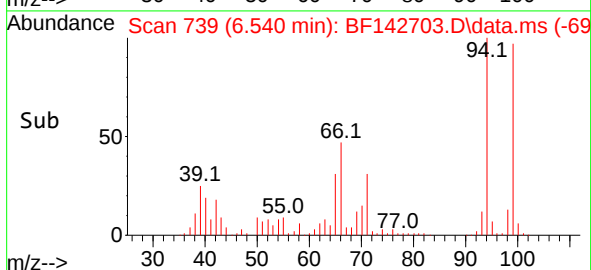
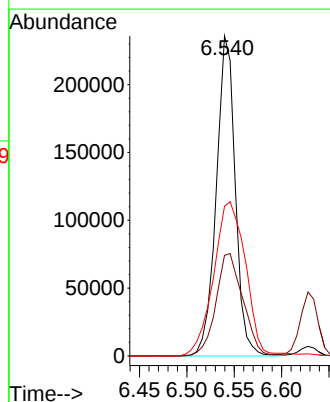
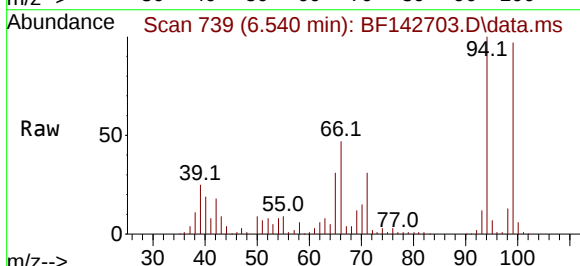
Tgt Ion: 94 Resp: 329818

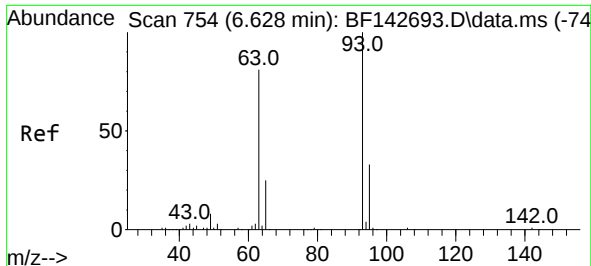
Ion Ratio Lower Upper

94 100

65 31.5 11.0 51.0

66 46.7 24.9 64.9

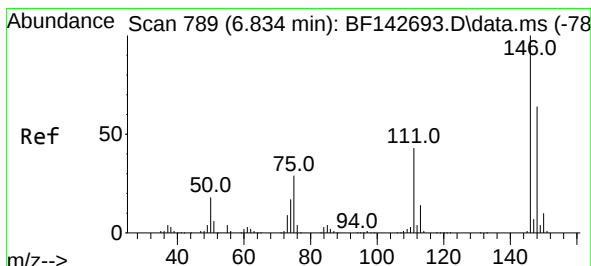
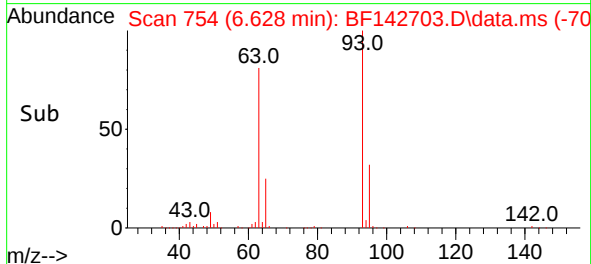
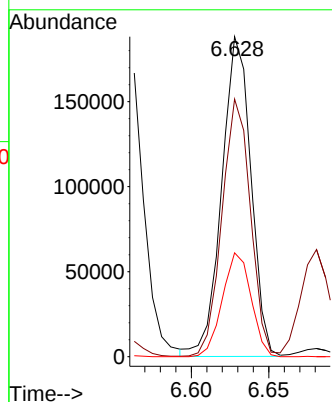
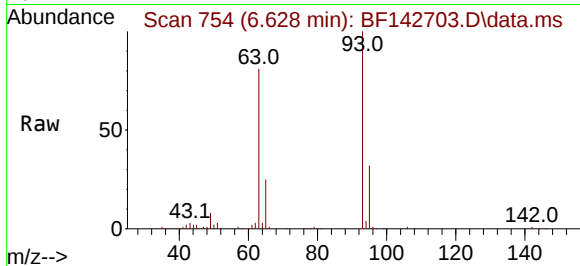




#11
bis(2-Chloroethyl)ether
Concen: 49.755 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

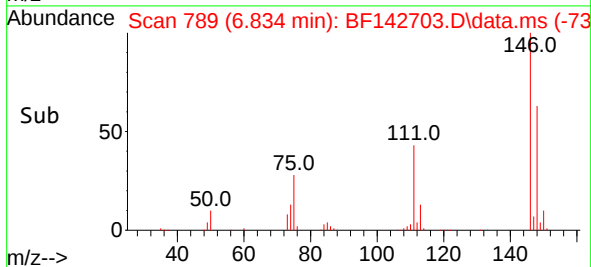
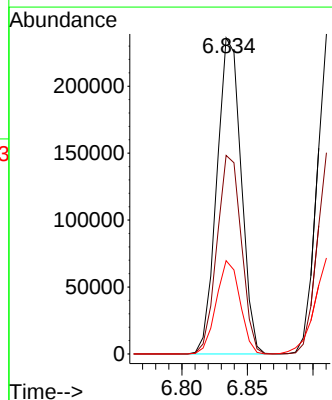
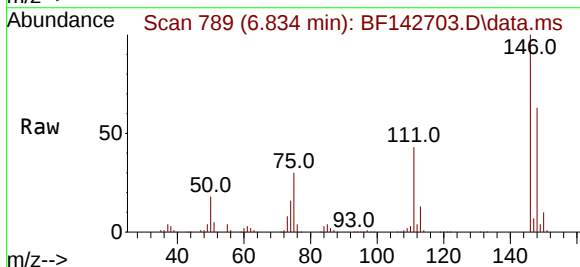
Instrument :
BNA_F
ClientSampleId :
PB168351BS

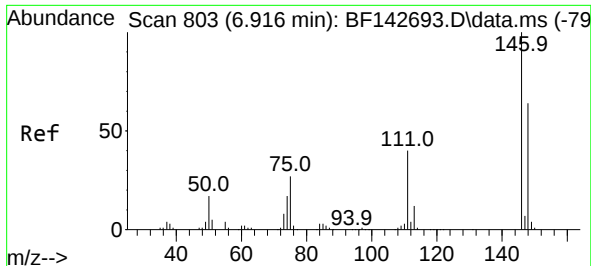
Tgt Ion: 93 Resp: 246646
Ion Ratio Lower Upper
93 100
63 80.5 60.0 100.0
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.970 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:146 Resp: 303713
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
75 29.5 23.1 34.7

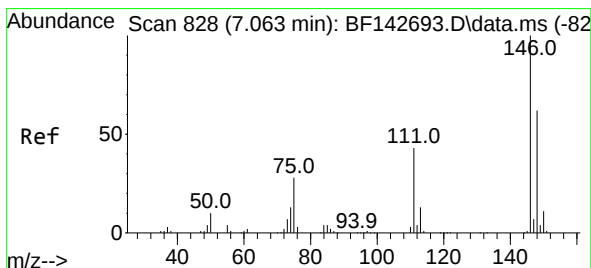
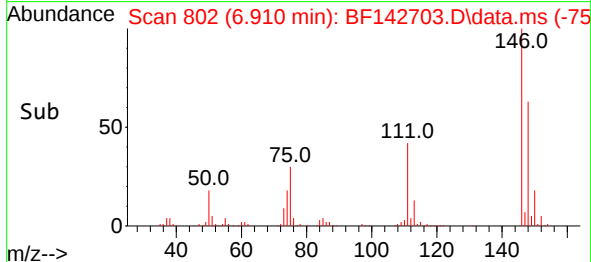
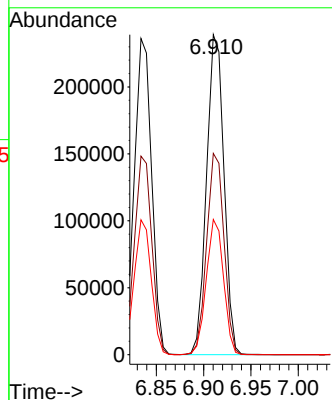
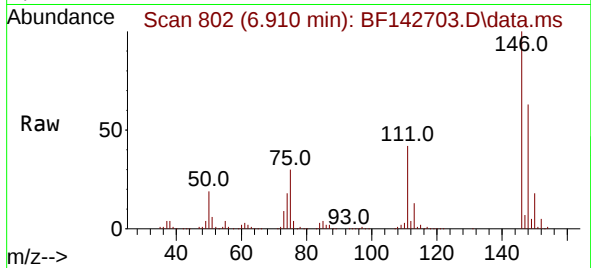




#13
1,4-Dichlorobenzene
Concen: 47.090 ng
RT: 6.910 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

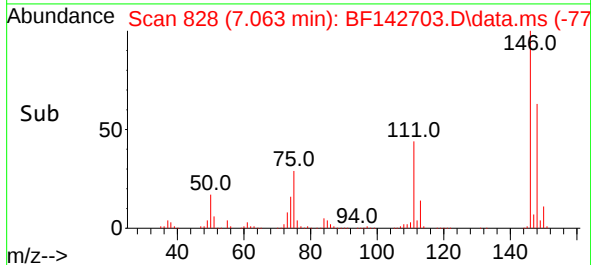
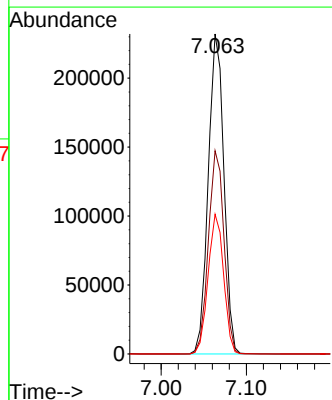
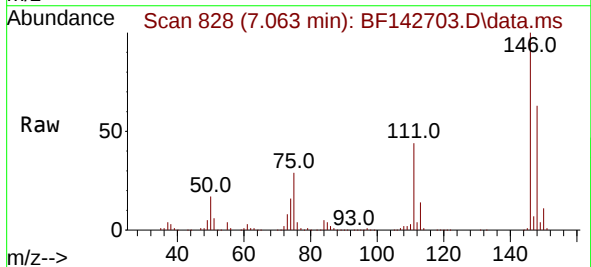
Instrument :
BNA_F
ClientSampleId :
PB168351BS

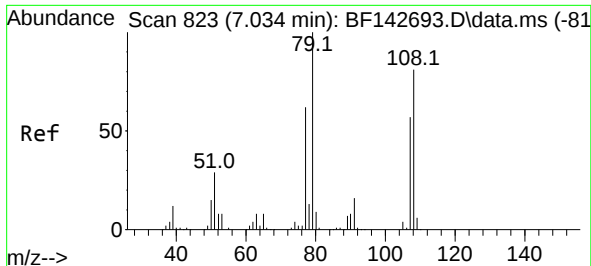
Tgt Ion:146 Resp: 304840
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 42.3 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 47.944 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

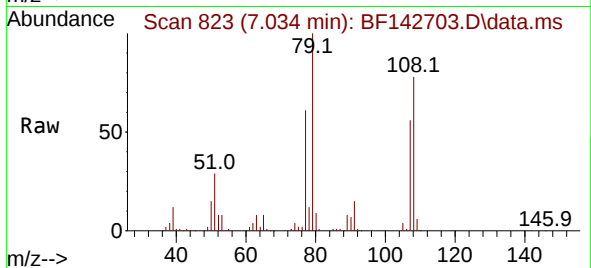
Tgt Ion:146 Resp: 295932
Ion Ratio Lower Upper
146 100
148 63.5 49.3 73.9
111 43.7 34.1 51.1



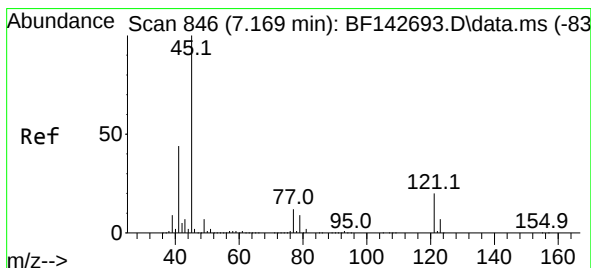
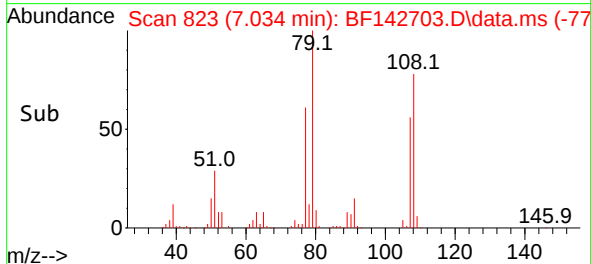
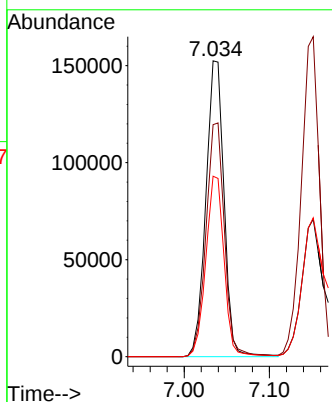


#15
Benzyl Alcohol
Concen: 50.843 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB168351BS

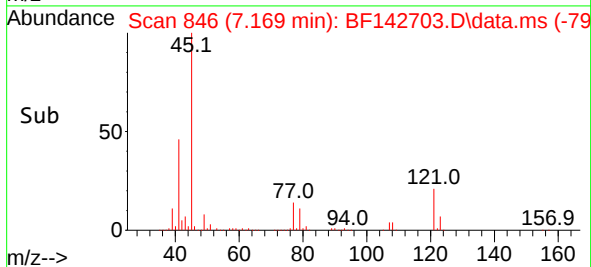
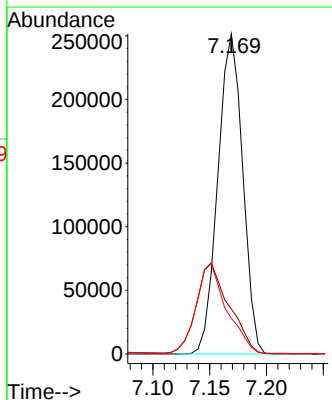
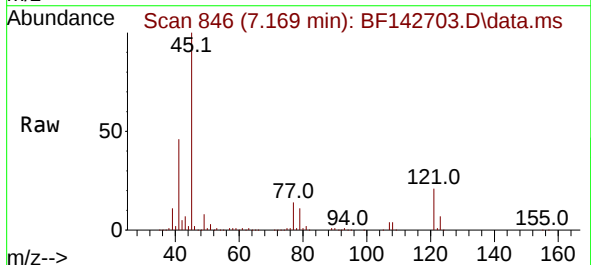


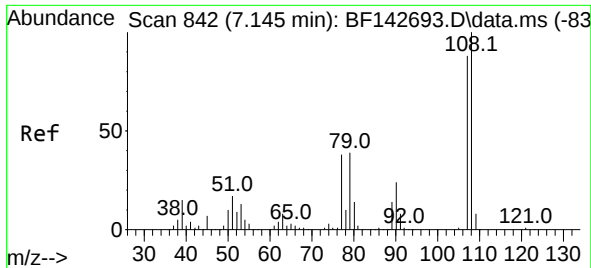
Tgt Ion: 79 Resp: 225996
Ion Ratio Lower Upper
79 100
108 78.4 64.8 97.2
77 61.0 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.312 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion: 45 Resp: 381914
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.8
79 11.1 0.0 30.3

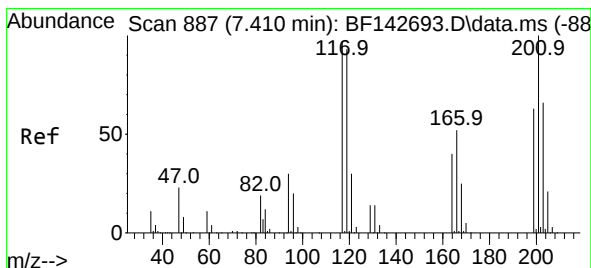
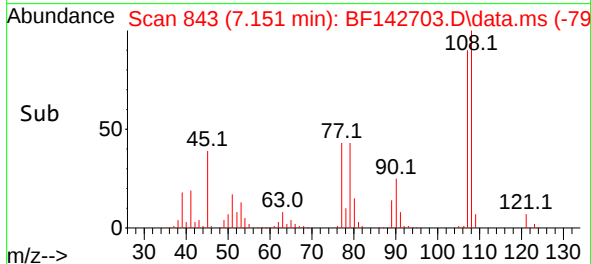
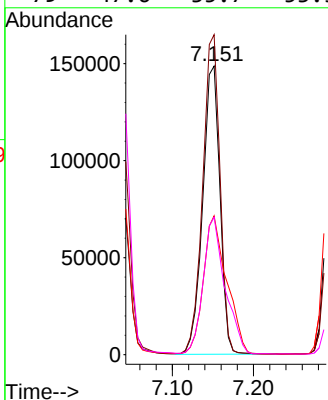
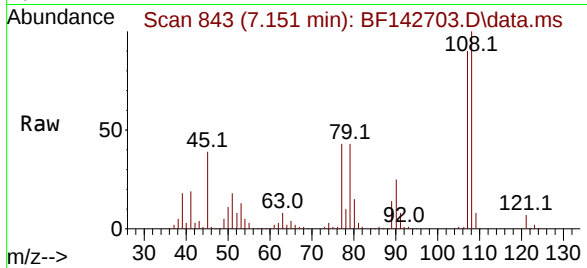




#17
2-Methylphenol
Concen: 50.468 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

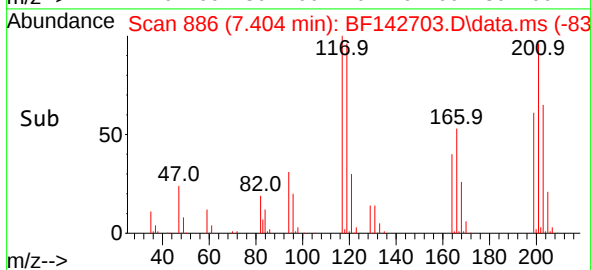
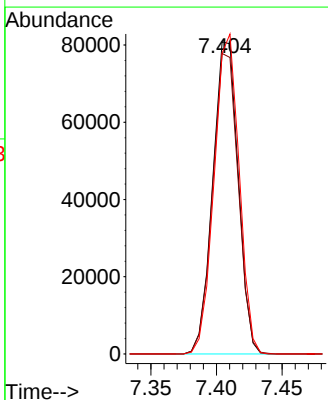
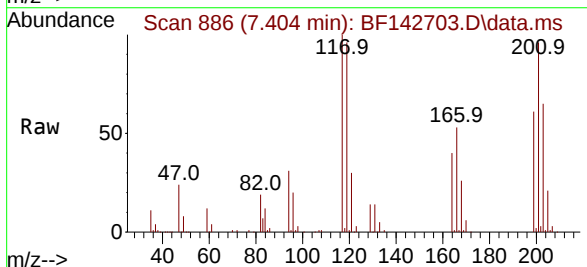
Instrument :
BNA_F
ClientSampleId :
PB168351BS

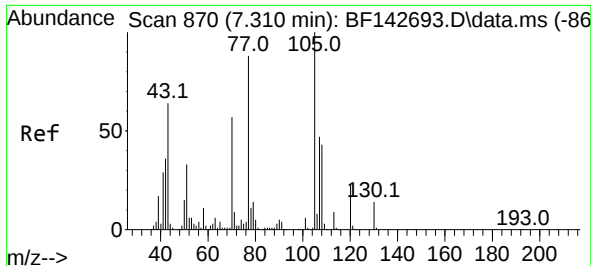
Tgt Ion:	107	Resp:	218778
Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.0	136.4
77	48.1	34.9	52.3
79	47.6	35.7	53.5



#18
Hexachloroethane
Concen: 49.052 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:	117	Resp:	109093
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.1	115.7
201	96.4	82.6	123.8



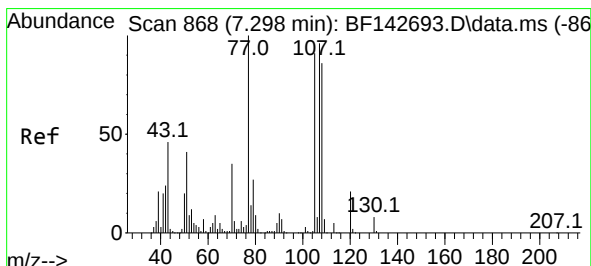
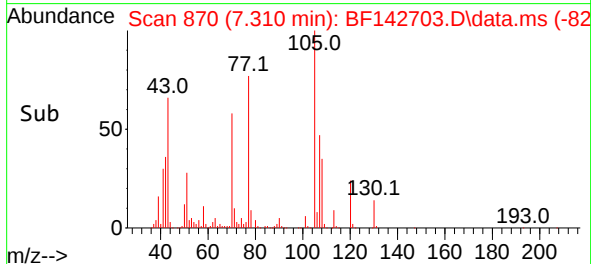
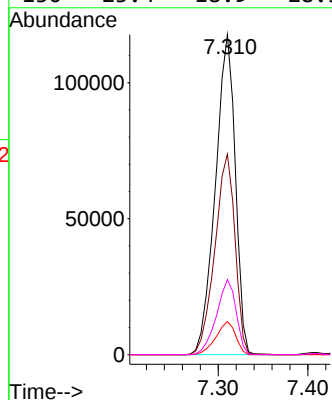
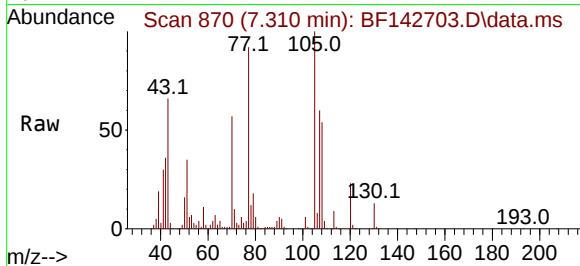


#19
n-Nitroso-di-n-propylamine
Concen: 50.962 ng
RT: 7.310 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB168351BS

Tgt Ion: 70 Resp: 181530

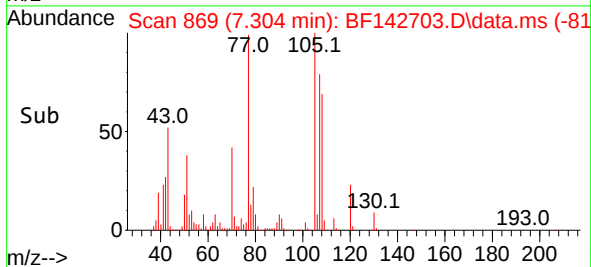
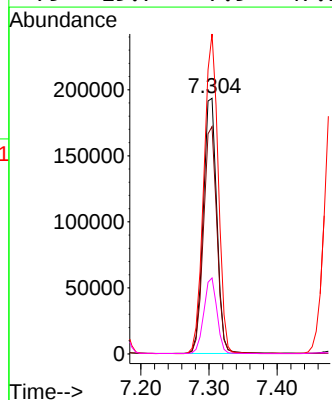
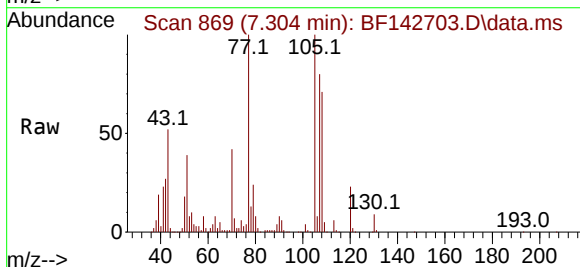
Ion	Ratio	Lower	Upper
70	100		
42	62.7	50.1	75.1
101	10.3	8.1	12.1
130	23.4	18.9	28.3

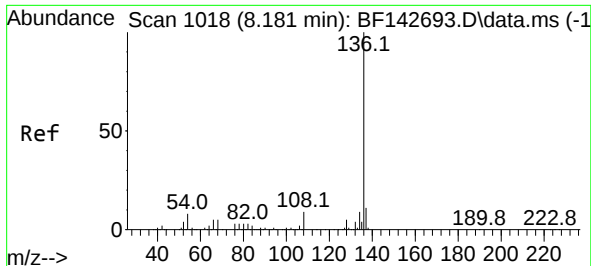


#20
3+4-Methylphenols
Concen: 50.296 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion: 107 Resp: 268521

Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.5	109.5
77	125.2	83.6	123.6#
79	29.7	7.9	47.9



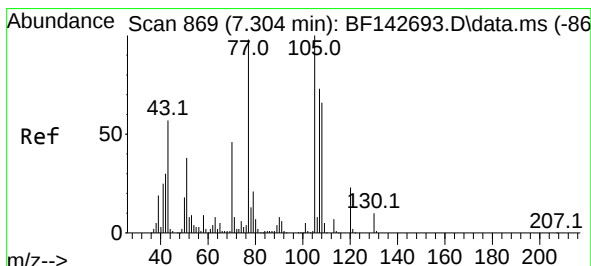
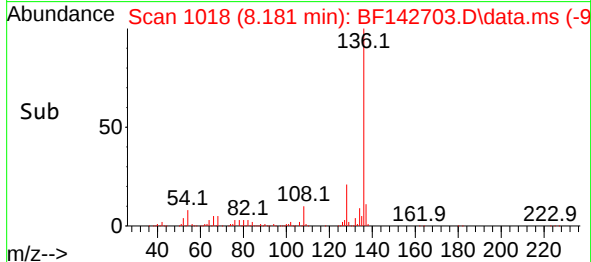
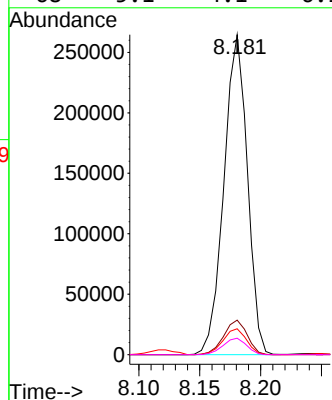
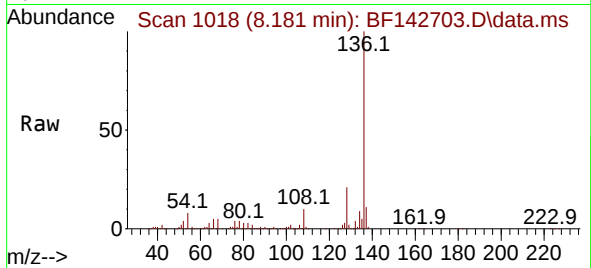


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB168351BS

Tgt Ion:136 Resp: 355357

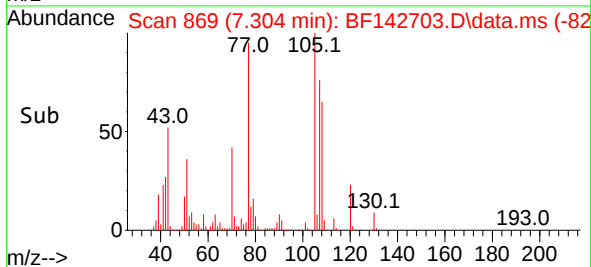
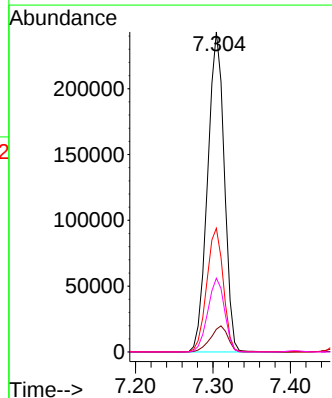
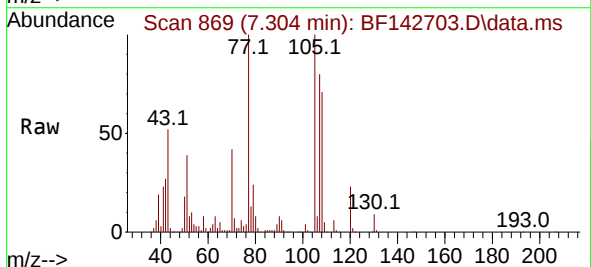
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	6.4	9.6
68	5.1	4.1	6.1

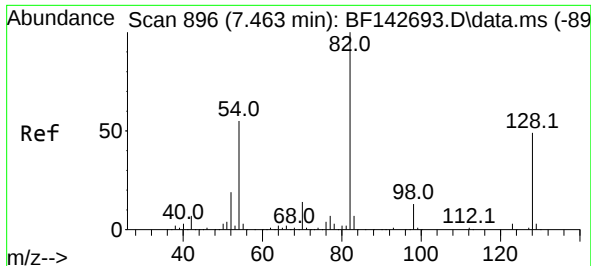


#22
Acetophenone
Concen: 46.706 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:105 Resp: 362815

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.2	9.2
51	38.6	30.8	46.2
120	23.0	18.5	27.7





#23

Nitrobenzene-d5

Concen: 81.611 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

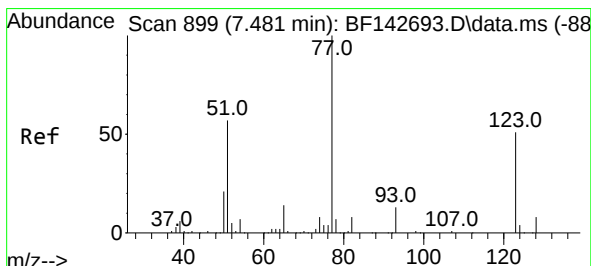
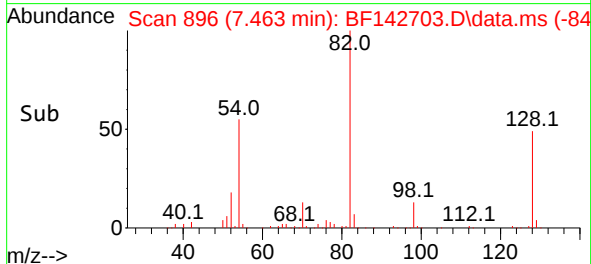
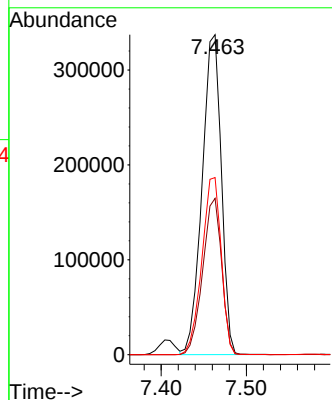
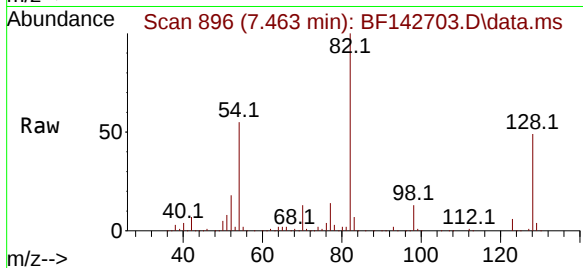
Tgt Ion: 82 Resp: 527705

Ion Ratio Lower Upper

82 100

128 48.8 39.3 58.9

54 55.4 44.2 66.2



#24

Nitrobenzene

Concen: 46.595 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

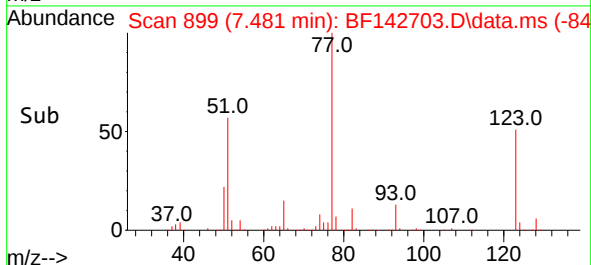
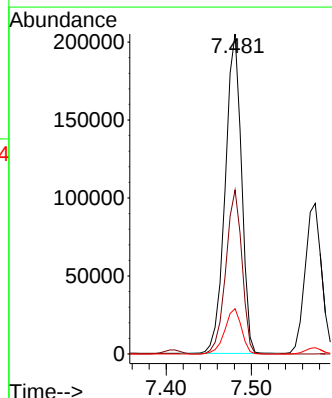
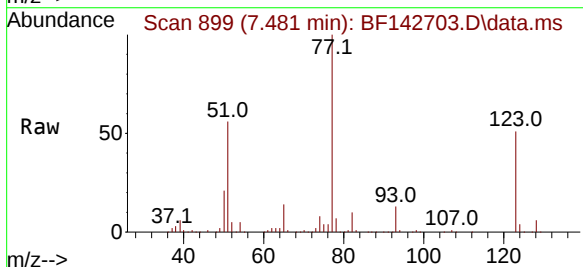
Tgt Ion: 77 Resp: 271715

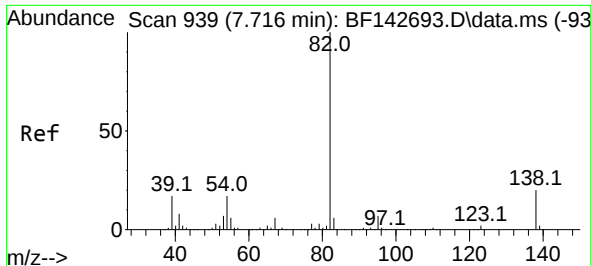
Ion Ratio Lower Upper

77 100

123 51.3 41.3 61.9

65 14.1 11.2 16.8

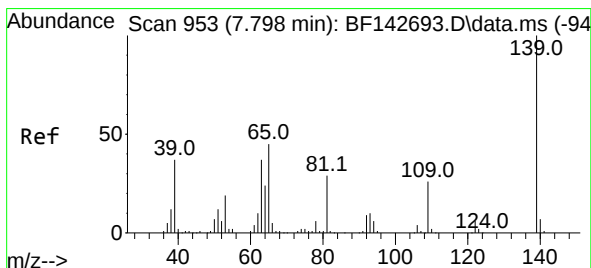
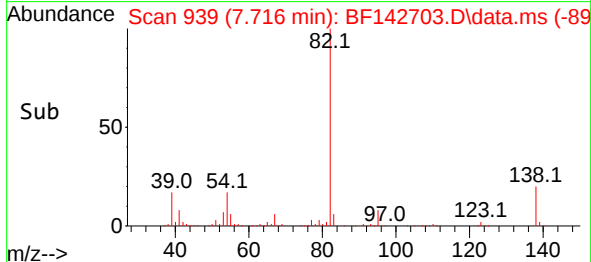
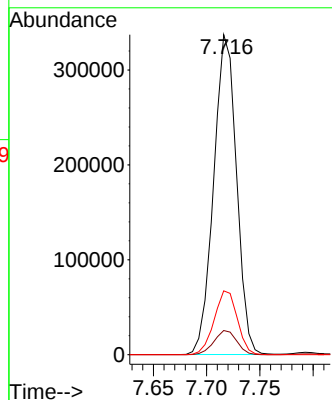
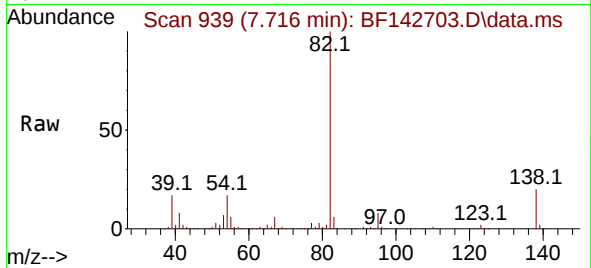




#25
Isophorone
Concen: 47.902 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

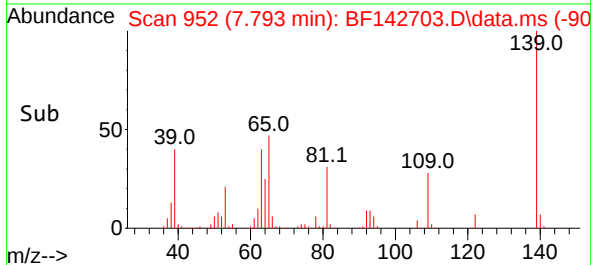
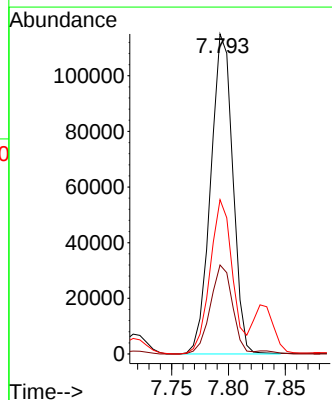
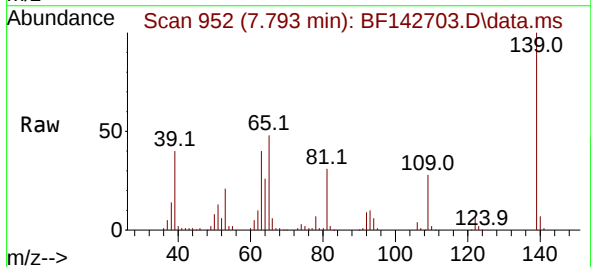
Instrument :
BNA_F
ClientSampleId :
PB168351BS

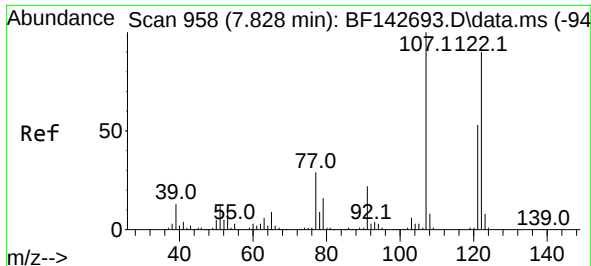
Tgt Ion: 82 Resp: 502522
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 48.526 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:139 Resp: 156091
Ion Ratio Lower Upper
139 100
109 27.8 21.0 31.6
65 48.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 48.256 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

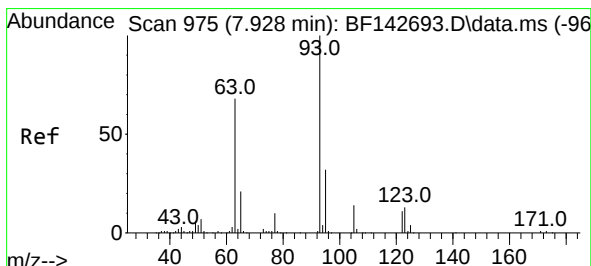
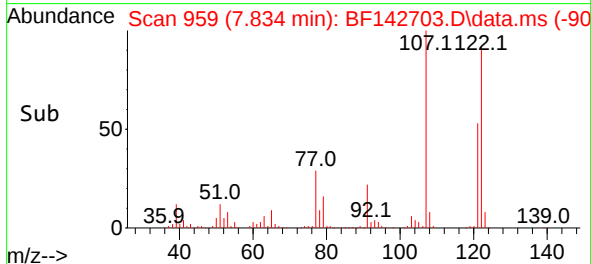
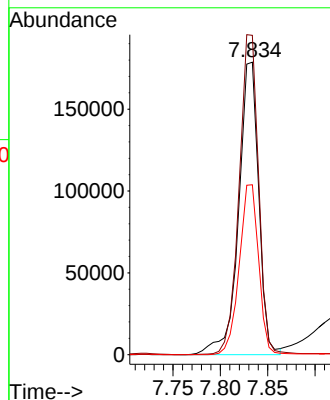
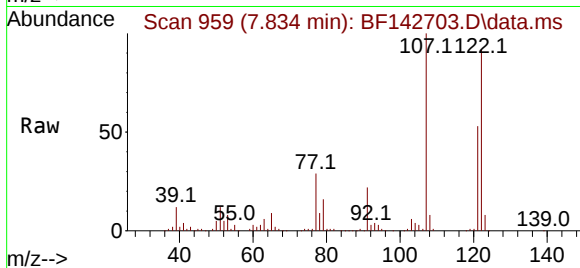
Tgt Ion:122 Resp: 263805

Ion Ratio Lower Upper

122 100

107 109.2 89.4 134.2

121 58.1 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.586 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

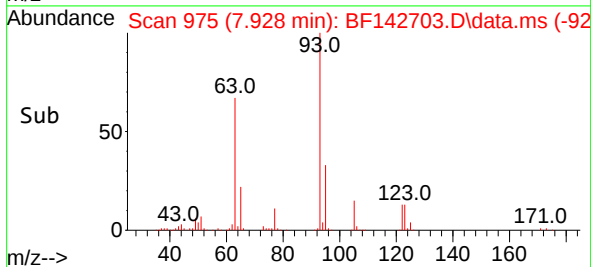
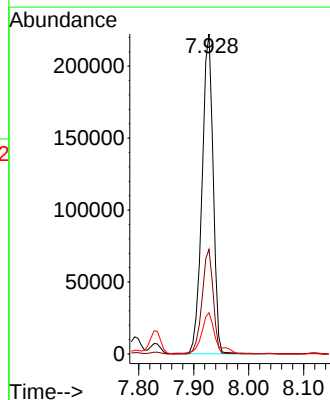
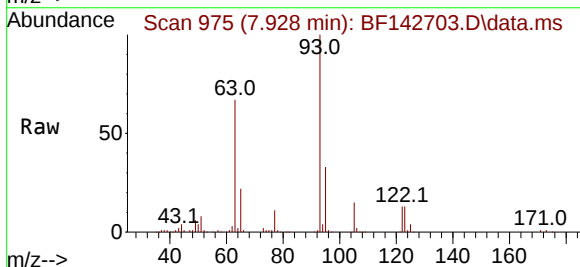
Tgt Ion: 93 Resp: 313108

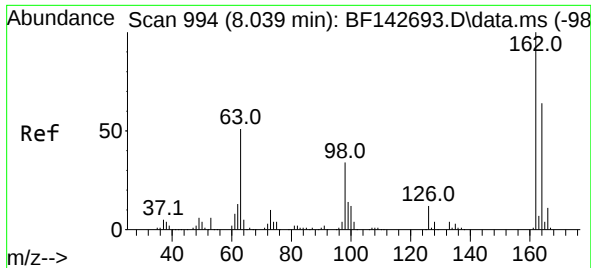
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.2

123 12.9 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 48.597 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

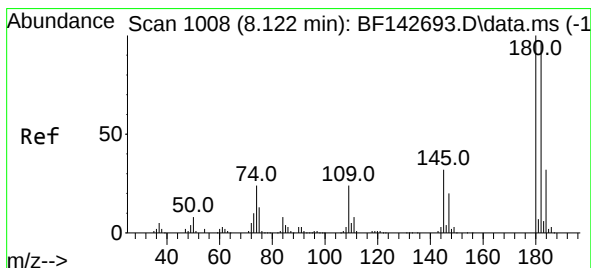
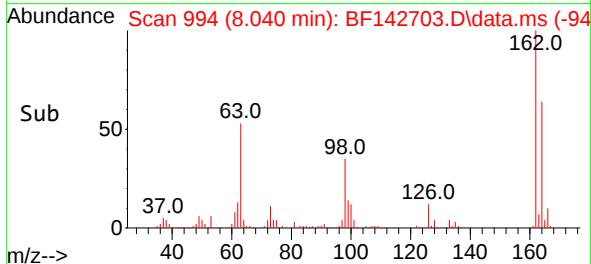
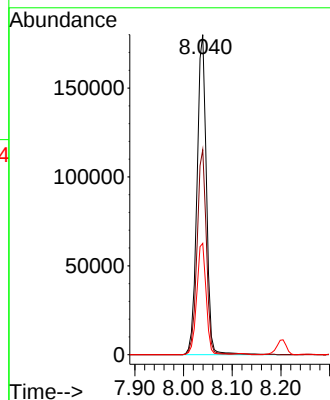
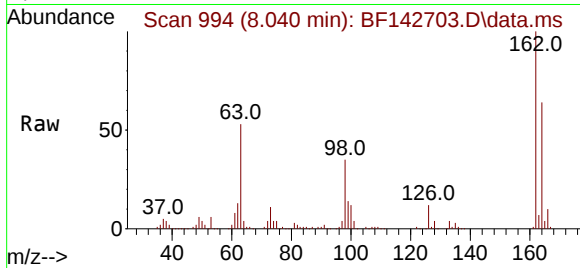
Tgt Ion:162 Resp: 243384

Ion Ratio Lower Upper

162 100

164 64.1 44.0 84.0

98 34.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 47.473 ng

RT: 8.122 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

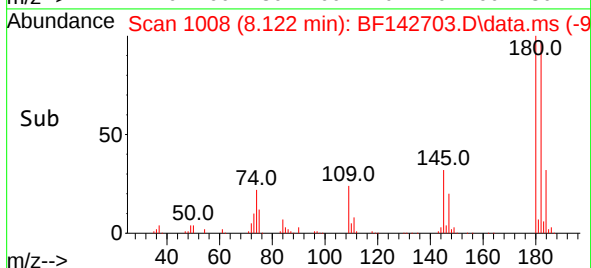
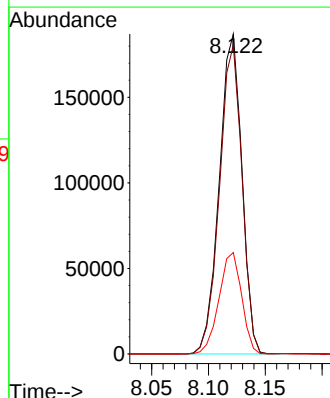
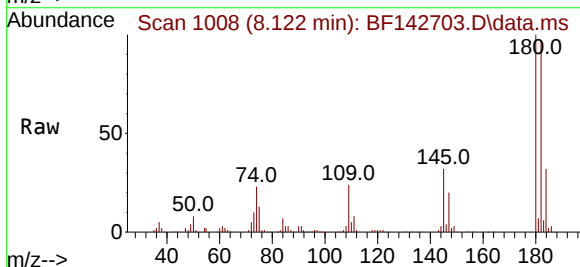
Tgt Ion:180 Resp: 259339

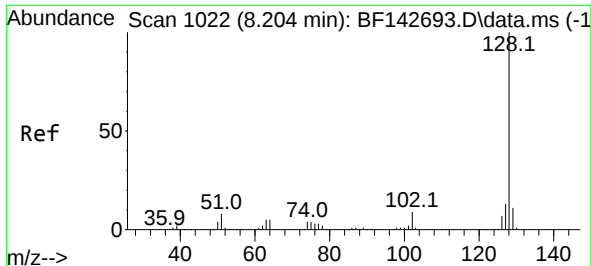
Ion Ratio Lower Upper

180 100

182 96.5 76.6 114.8

145 31.7 25.4 38.0

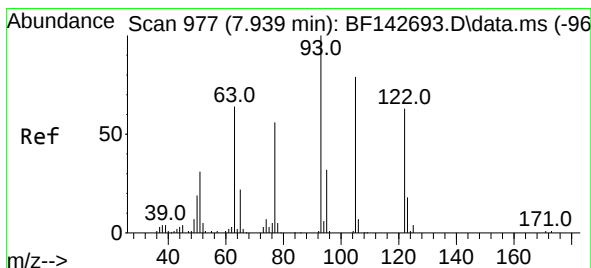
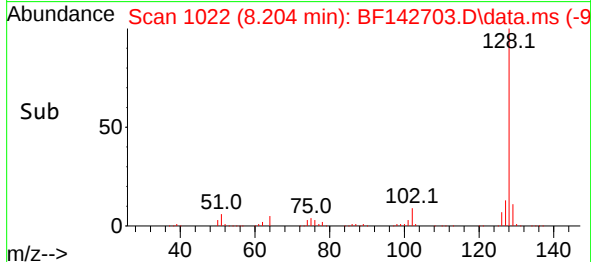
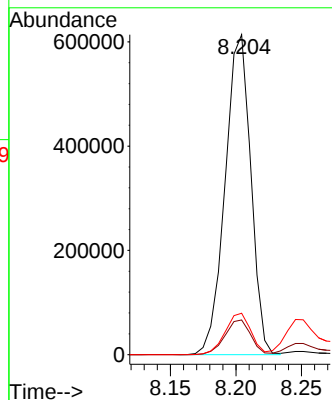
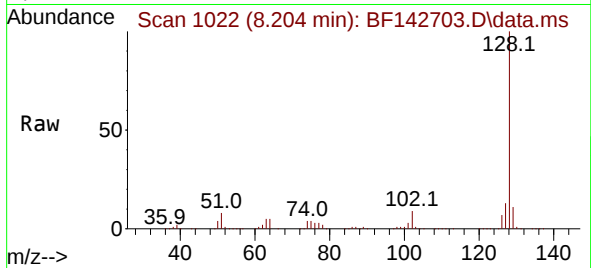




#31
Naphthalene
Concen: 47.713 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

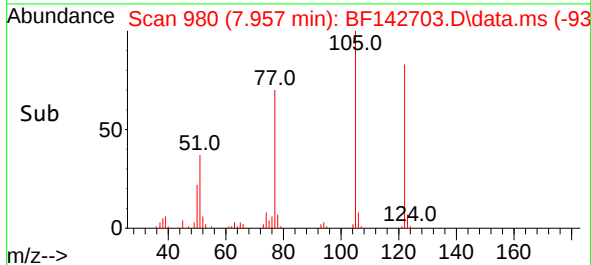
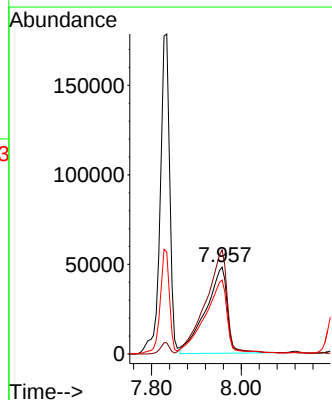
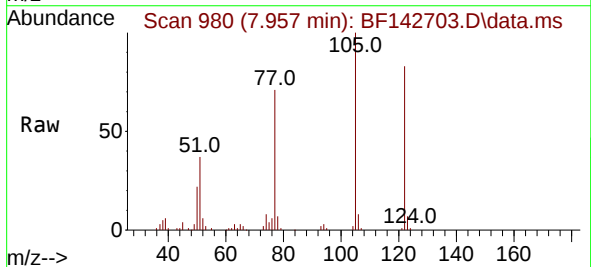
Instrument :
BNA_F
ClientSampleId :
PB168351BS

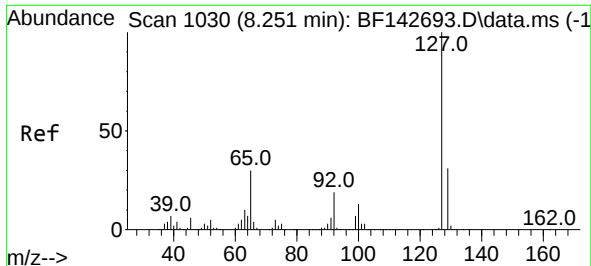
Tgt Ion:128 Resp: 835495
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 48.937 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.023 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:122 Resp: 162235
Ion Ratio Lower Upper
122 100
105 119.8 100.3 140.3
77 85.2 67.9 107.9

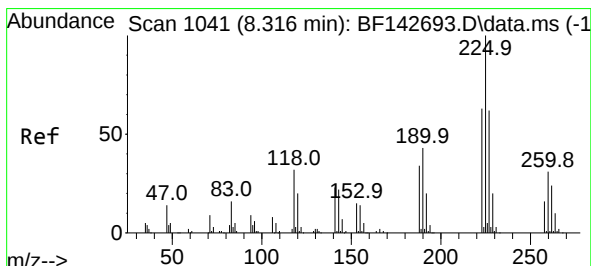
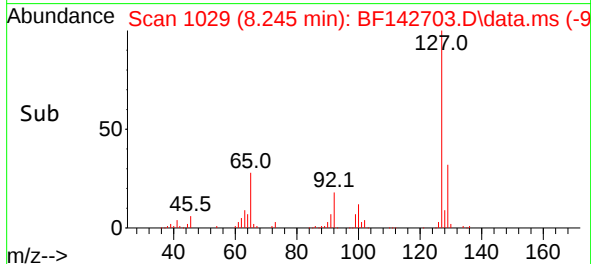
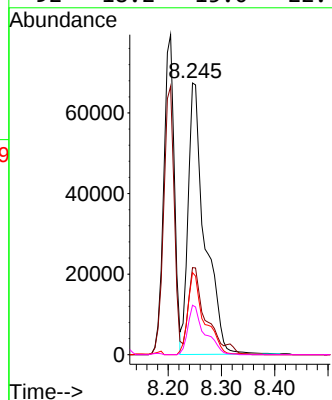
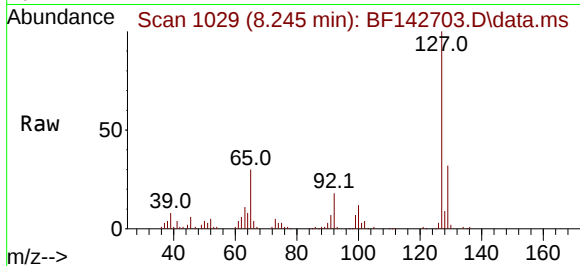




#33
4-Chloroaniline
Concen: 20.365 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

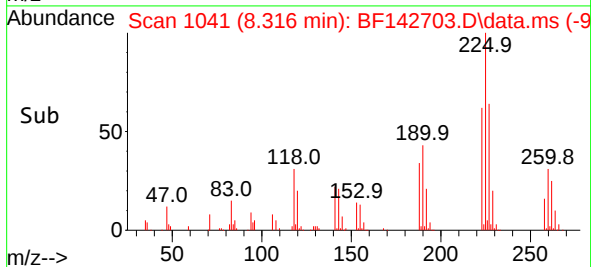
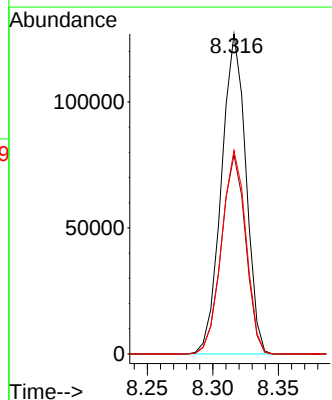
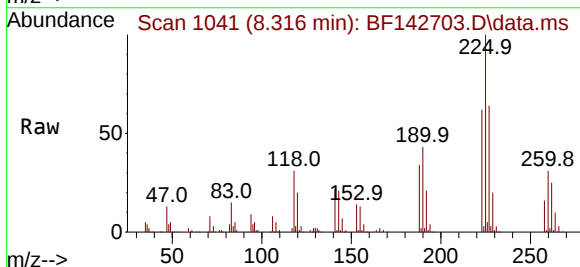
Instrument :
BNA_F
ClientSampleId :
PB168351BS

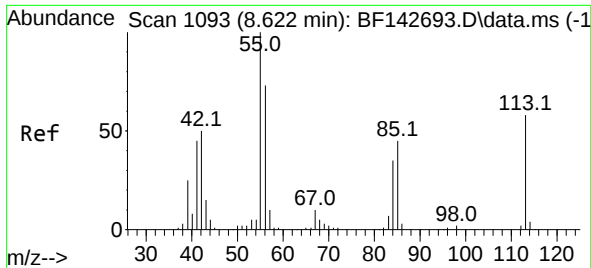
Tgt Ion:	127	Resp:	146610
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	30.2	23.8	35.6
92	18.2	15.0	22.4



#34
Hexachlorobutadiene
Concen: 48.832 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:	225	Resp:	164295
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	63.6	49.8	74.8

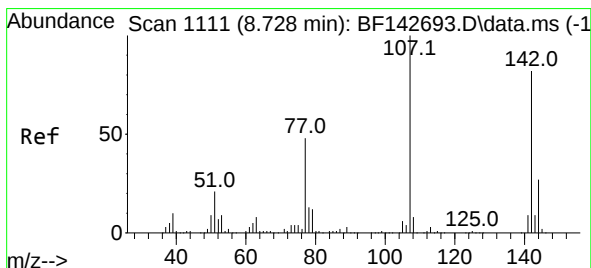
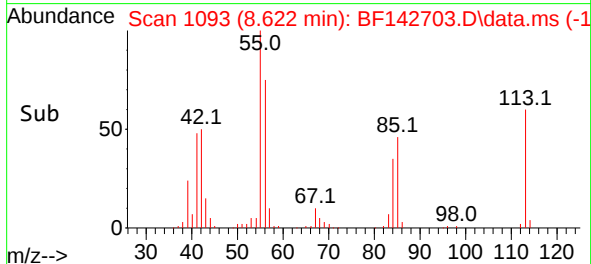
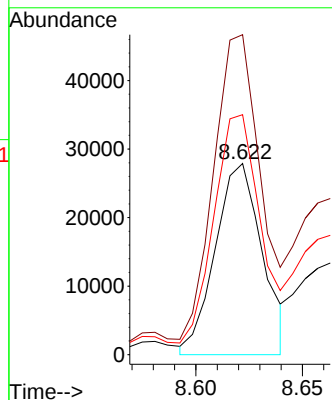
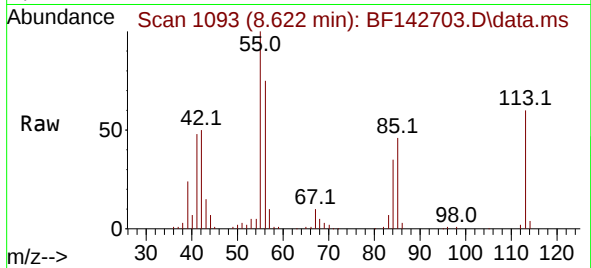




#35
 Caprolactam
 Concen: 27.751 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF142703.D
 Acq: 10 Jun 2025 10:37

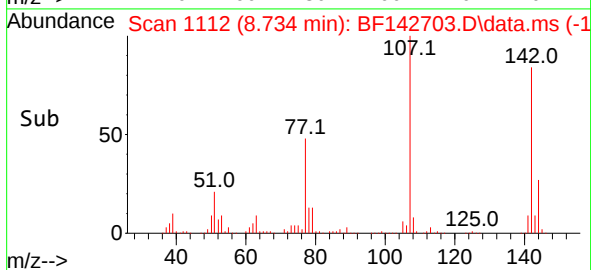
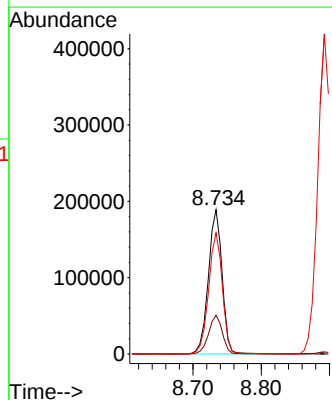
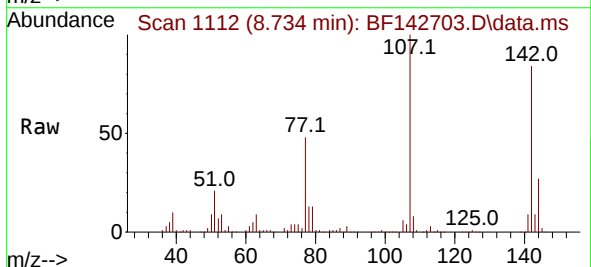
Instrument :
 BNA_F
 ClientSampleId :
 PB168351BS

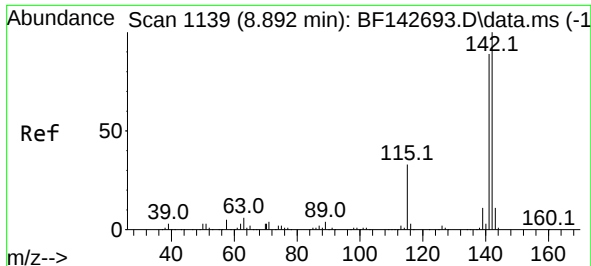
Tgt Ion:113 Resp: 42688
 Ion Ratio Lower Upper
 113 100
 55 167.4 152.9 192.9
 56 125.5 106.6 146.6



#36
 4-Chloro-3-methylphenol
 Concen: 51.403 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142703.D
 Acq: 10 Jun 2025 10:37

Tgt Ion:107 Resp: 265547
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.5 32.3
 142 84.2 65.5 98.3

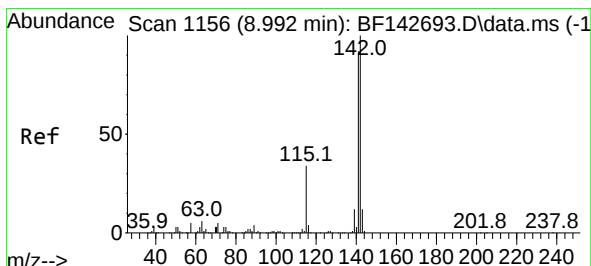
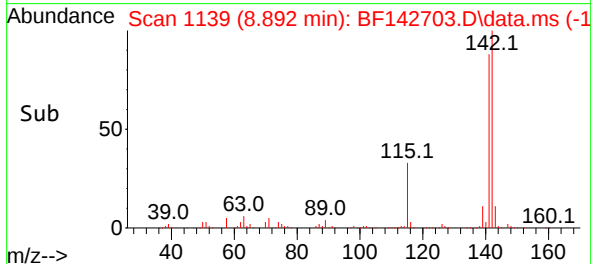
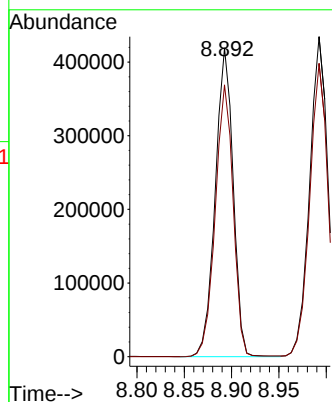
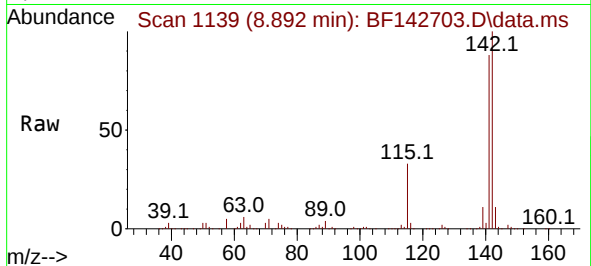




#37
2-Methylnaphthalene
Concen: 50.160 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

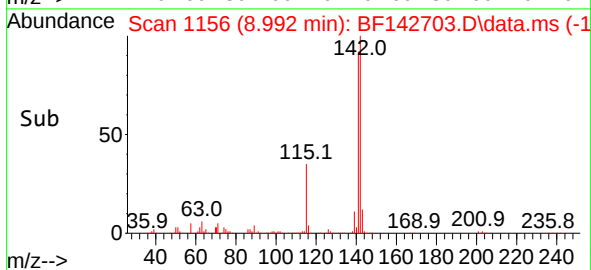
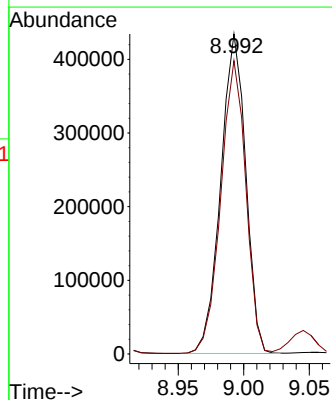
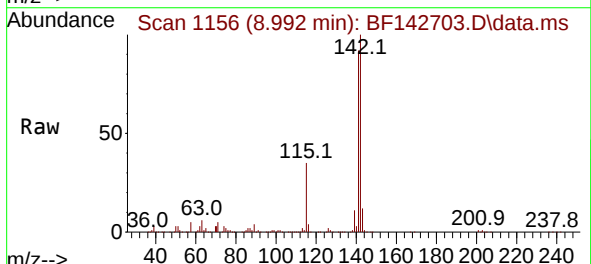
Instrument :
BNA_F
ClientSampleId :
PB168351BS

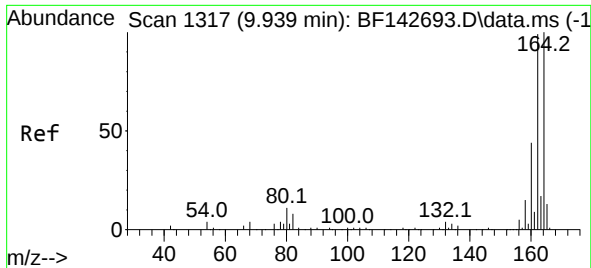
Tgt Ion:142 Resp: 552683
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2



#38
1-Methylnaphthalene
Concen: 50.482 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:142 Resp: 575999
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

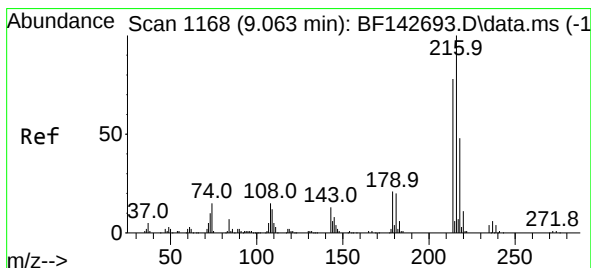
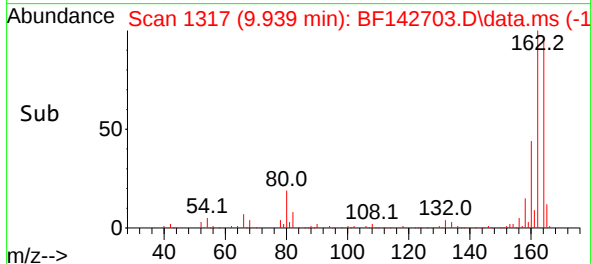
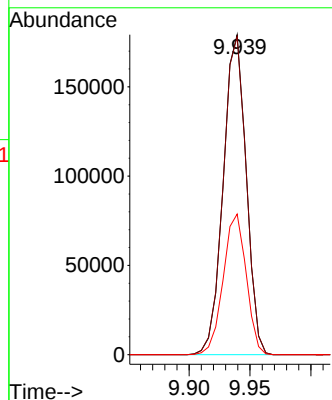
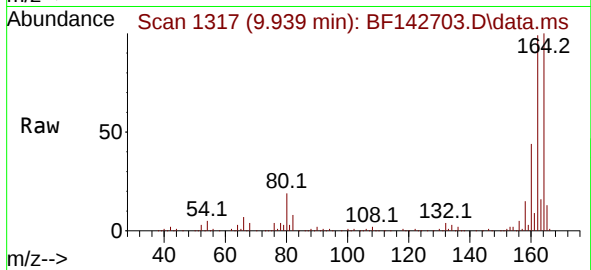




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

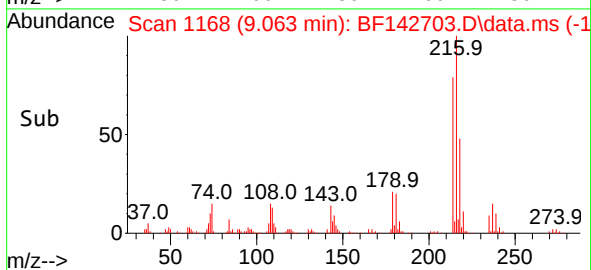
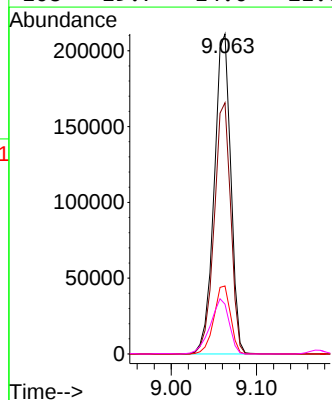
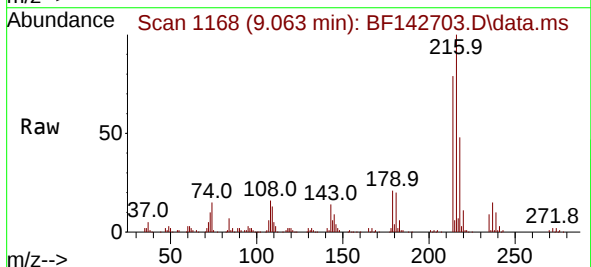
Instrument :
BNA_F
ClientSampleId :
PB168351BS

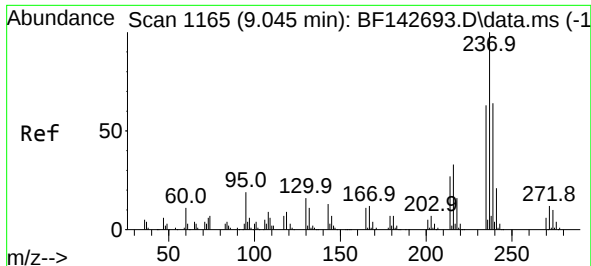
Tgt Ion:164 Resp: 234579
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 44.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.996 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:216 Resp: 284698
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.6
179 21.4 16.6 25.0
108 19.7 14.0 21.0

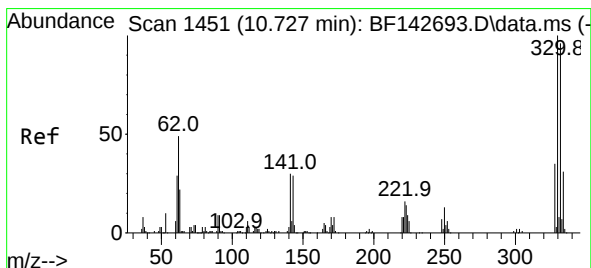
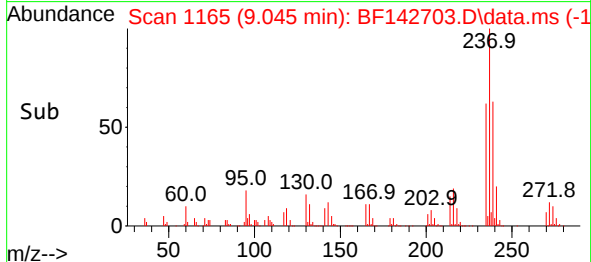
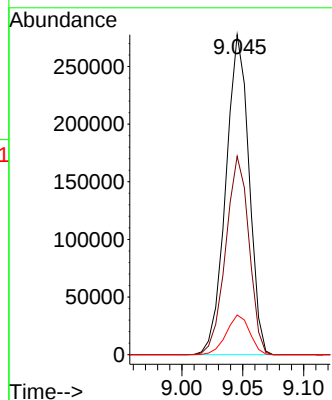
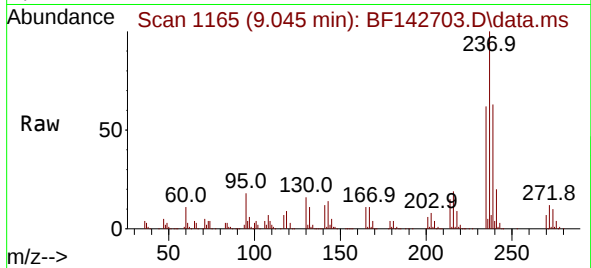




#41
Hexachlorocyclopentadiene
Concen: 92.441 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

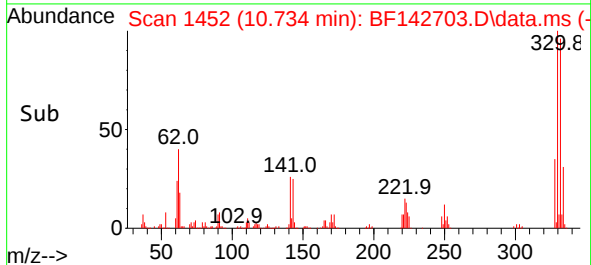
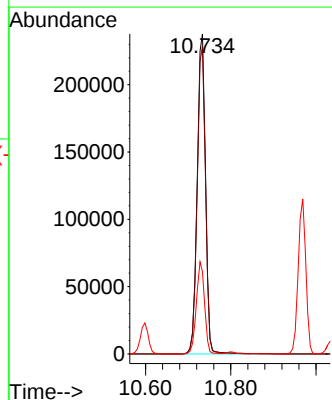
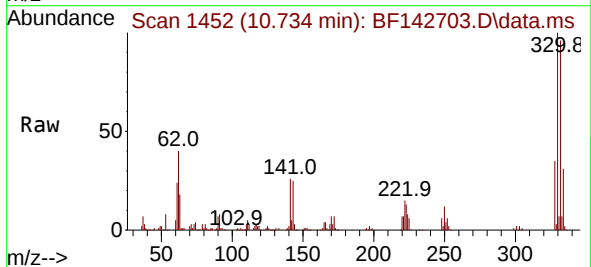
Instrument :
BNA_F
ClientSampleId :
PB168351BS

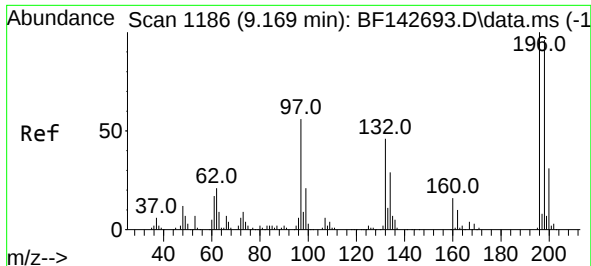
Tgt Ion:237 Resp: 368013
Ion Ratio Lower Upper
237 100
235 62.0 43.1 83.1
272 12.4 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 122.564 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:330 Resp: 323021
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 28.4 23.5 35.3

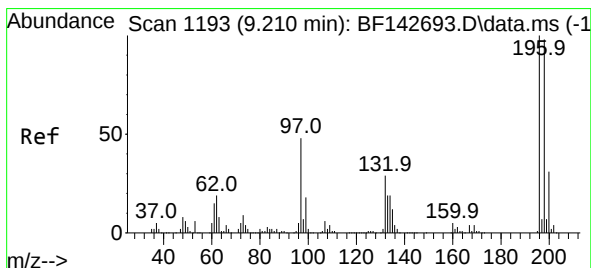
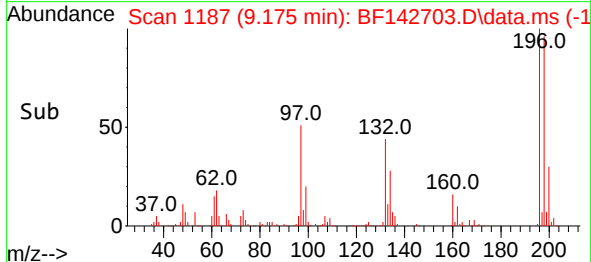
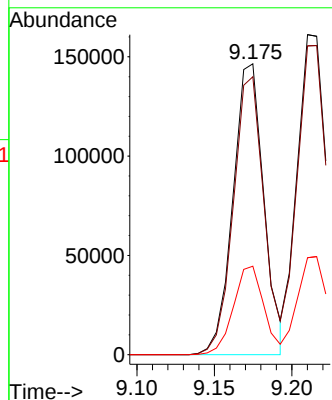
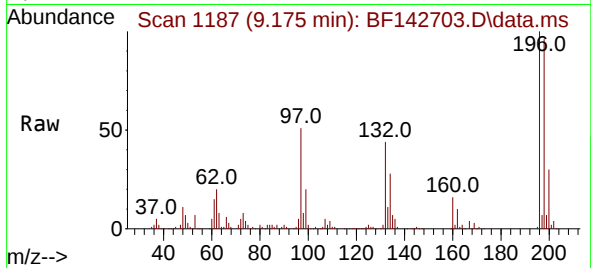




#43
2,4,6-Trichlorophenol
Concen: 45.558 ng
RT: 9.175 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

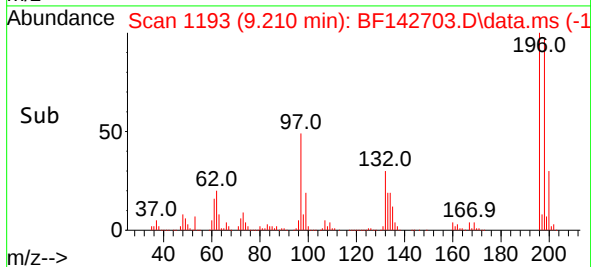
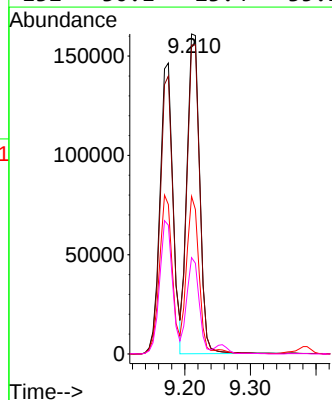
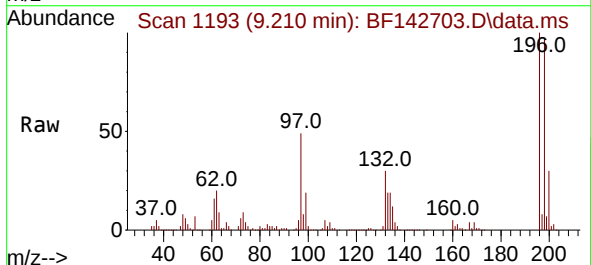
Instrument :
BNA_F
ClientSampleId :
PB168351BS

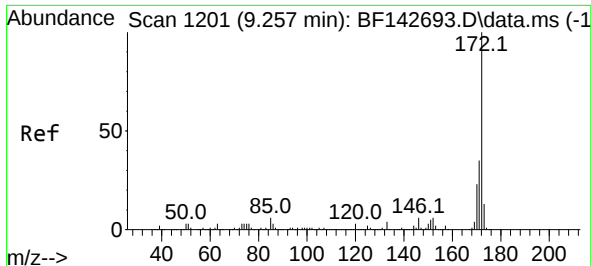
Tgt Ion:196 Resp: 202651
Ion Ratio Lower Upper
196 100
198 95.5 77.1 115.7
200 30.4 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 45.649 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:196 Resp: 216883
Ion Ratio Lower Upper
196 100
198 96.5 78.2 117.2
97 49.3 39.2 58.8
132 30.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 78.290 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

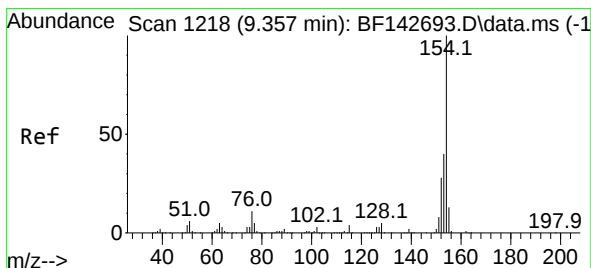
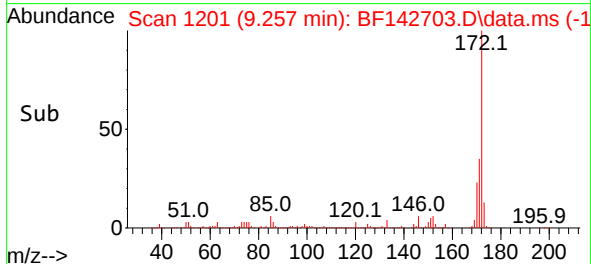
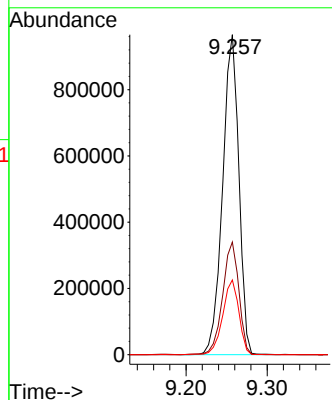
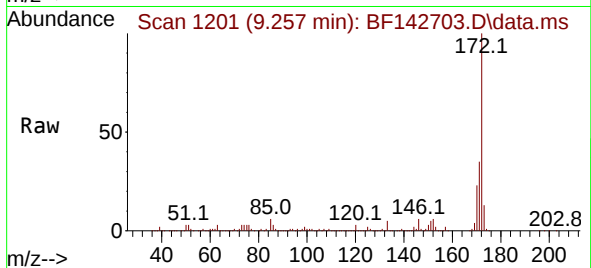
Tgt Ion:172 Resp: 1342901

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 46.211 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

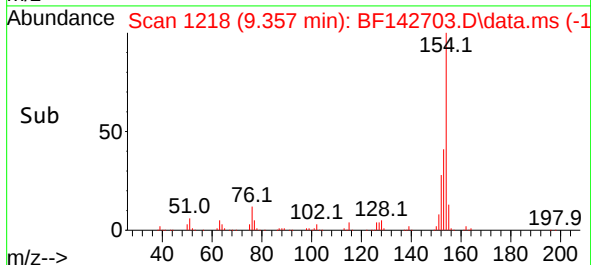
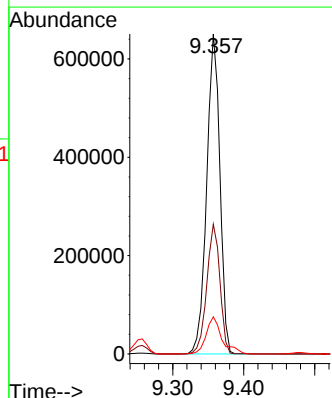
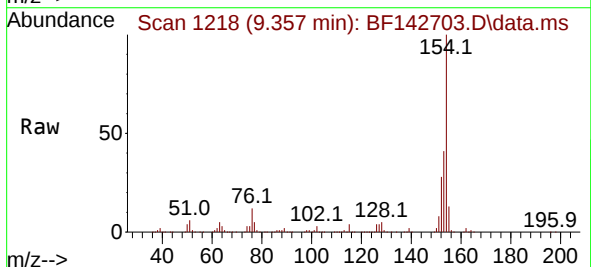
Tgt Ion:154 Resp: 842922

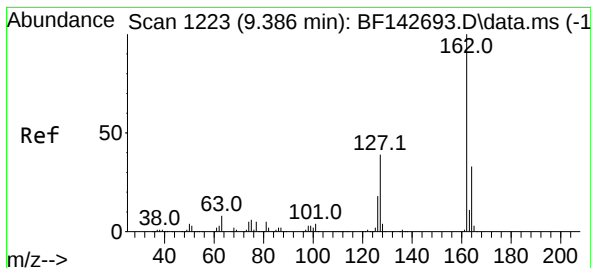
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.6 0.0 31.4





#47

2-Chloronaphthalene

Concen: 45.997 ng

RT: 9.387 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

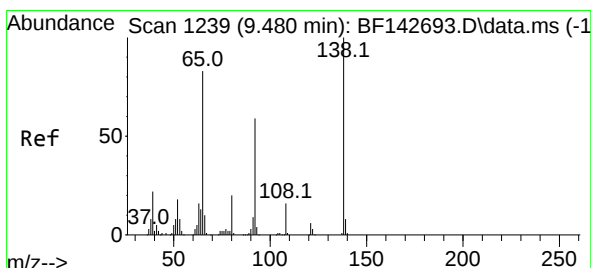
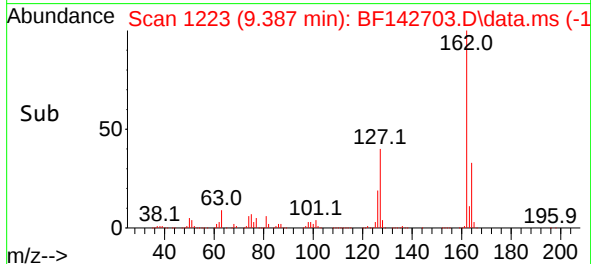
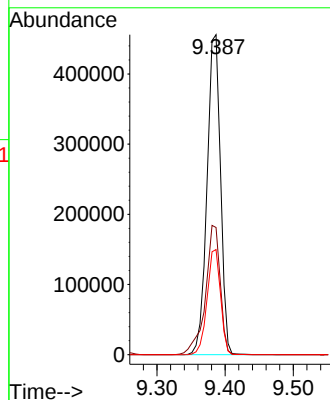
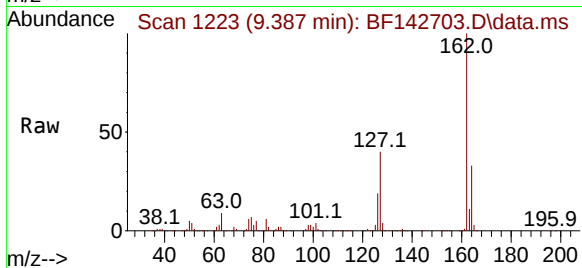
Tgt Ion:162 Resp: 628659

Ion Ratio Lower Upper

162 100

127 39.8 31.7 47.5

164 32.9 26.2 39.4



#48

2-Nitroaniline

Concen: 46.920 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

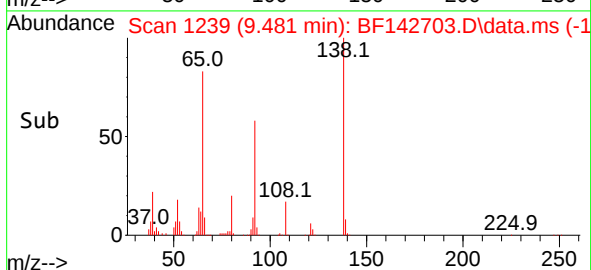
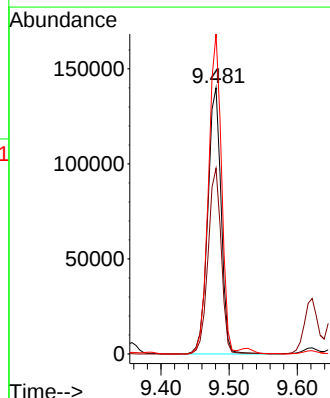
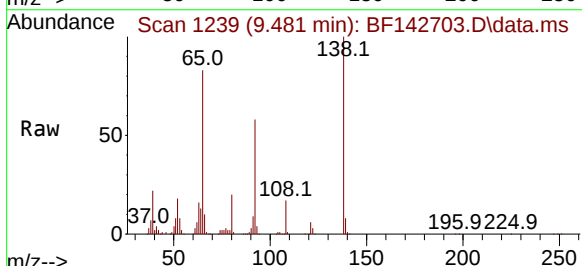
Tgt Ion: 65 Resp: 190828

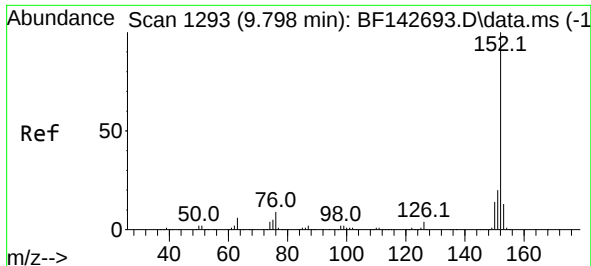
Ion Ratio Lower Upper

65 100

92 69.8 56.3 84.5

138 120.2 95.9 143.9





#49

Acenaphthylene

Concen: 47.099 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

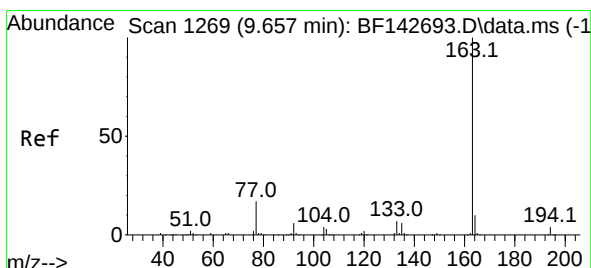
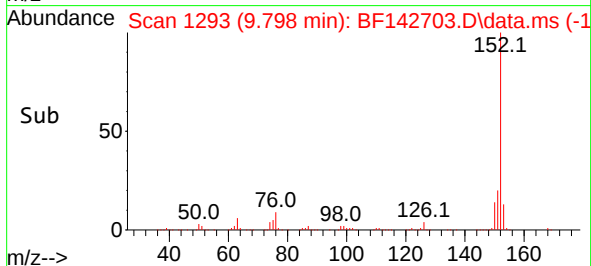
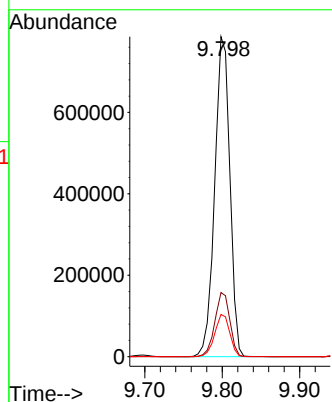
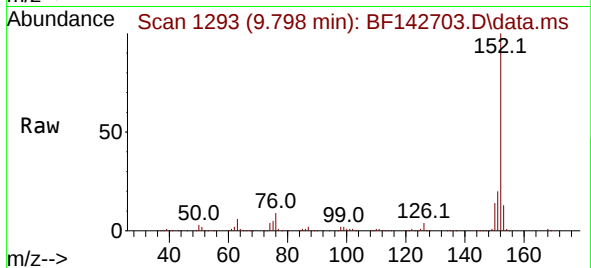
Tgt Ion:152 Resp: 1066877

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 47.881 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

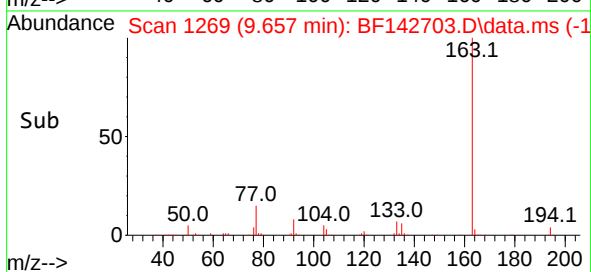
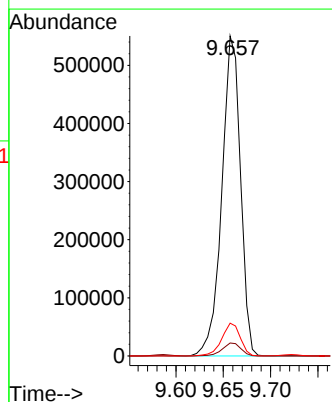
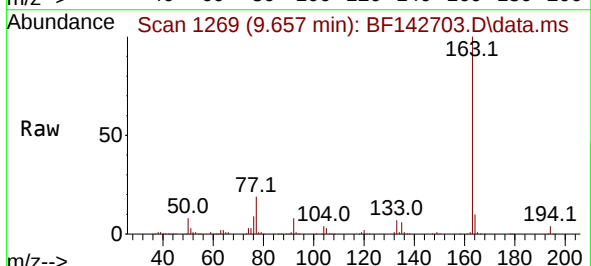
Tgt Ion:163 Resp: 755695

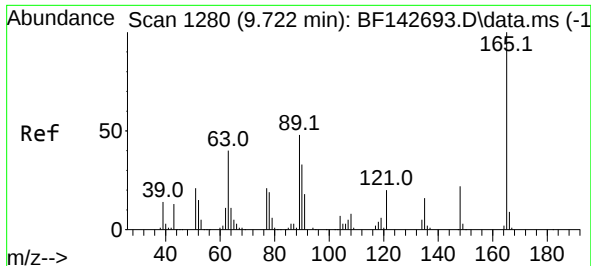
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.298 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

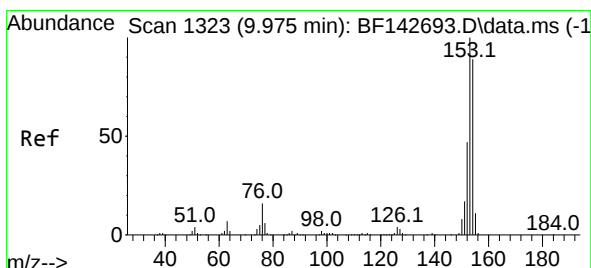
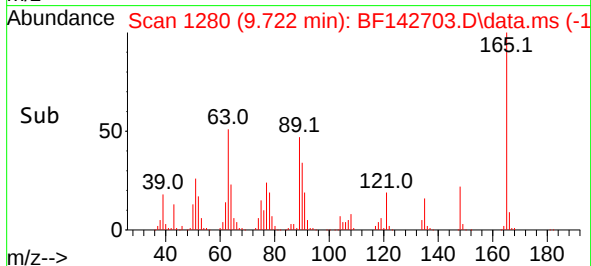
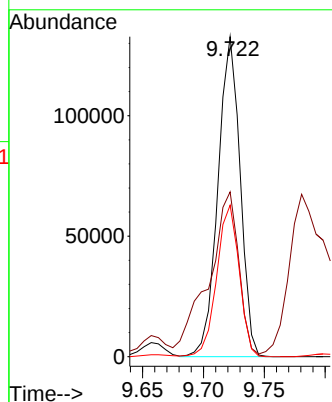
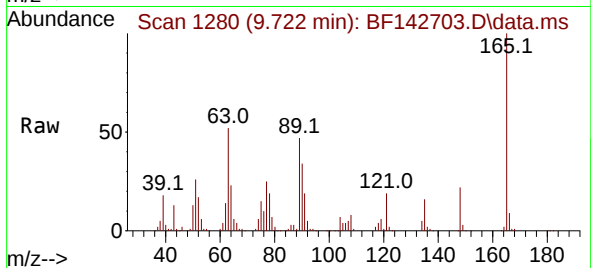
Tgt Ion:165 Resp: 168310

Ion Ratio Lower Upper

165 100

63 51.5 41.3 61.9

89 47.3 38.1 57.1



#52

Acenaphthene

Concen: 51.253 ng

RT: 9.975 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

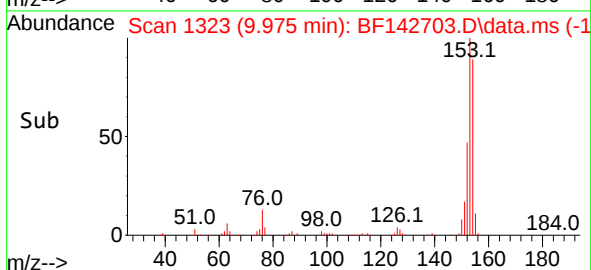
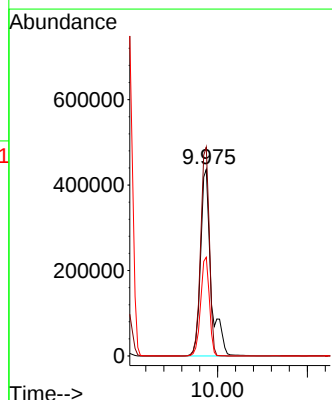
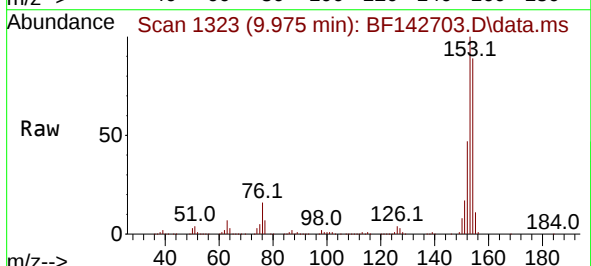
Tgt Ion:154 Resp: 710194

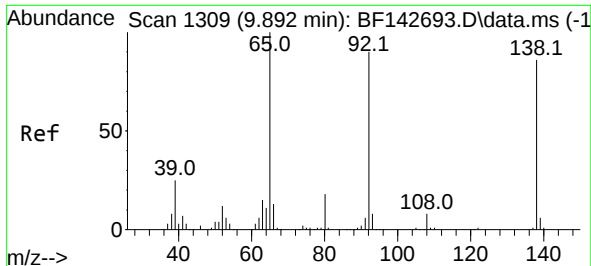
Ion Ratio Lower Upper

154 100

153 112.0 89.5 134.3

152 53.0 41.8 62.8

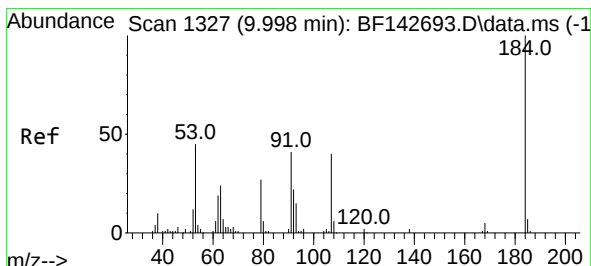
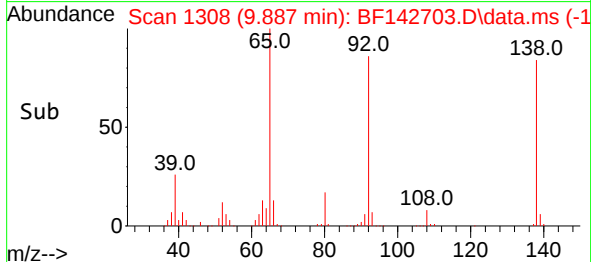
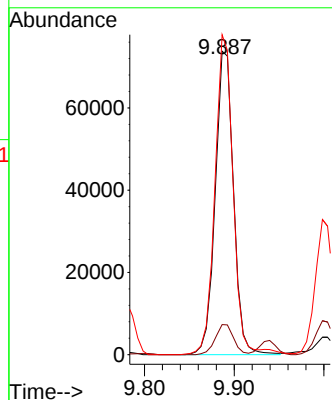
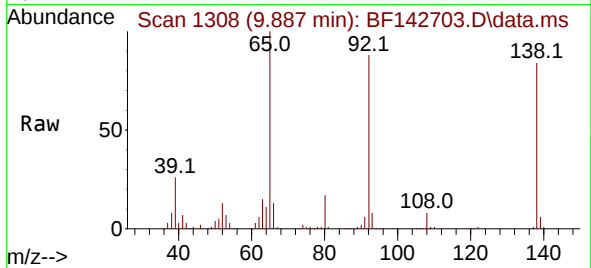




#53
3-Nitroaniline
Concen: 27.249 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

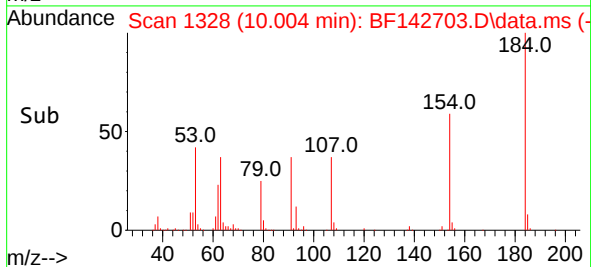
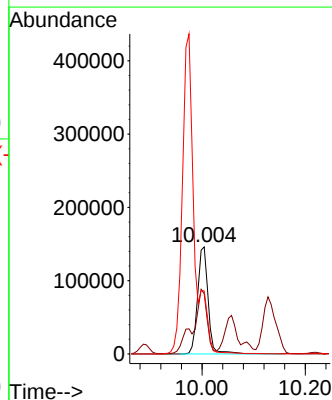
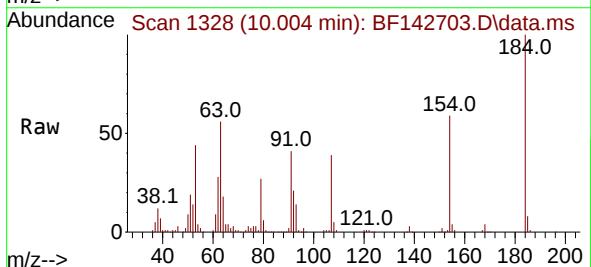
Instrument :
BNA_F
ClientSampleId :
PB168351BS

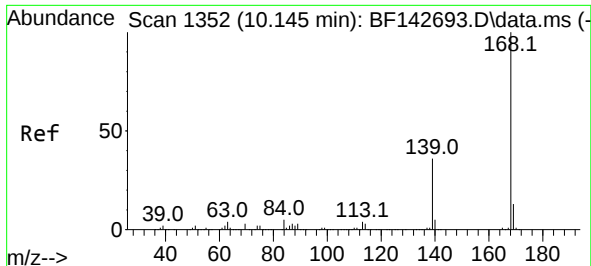
Tgt Ion:138 Resp: 104535
Ion Ratio Lower Upper
138 100
108 9.9 7.7 11.5
92 105.4 83.4 125.0



#54
2,4-Dinitrophenol
Concen: 110.393 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:184 Resp: 208671
Ion Ratio Lower Upper
184 100
63 56.1 47.4 71.0
154 58.9 48.6 73.0

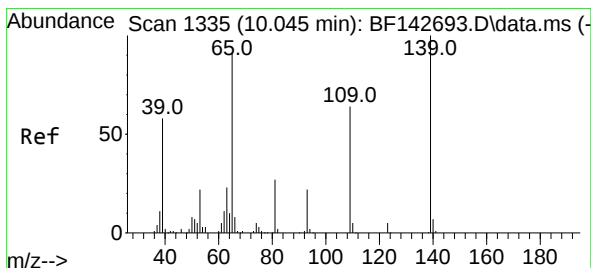
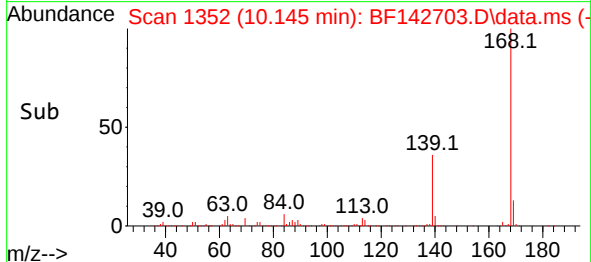
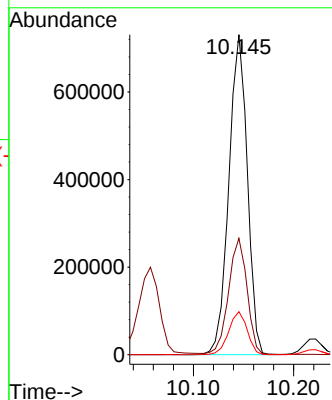
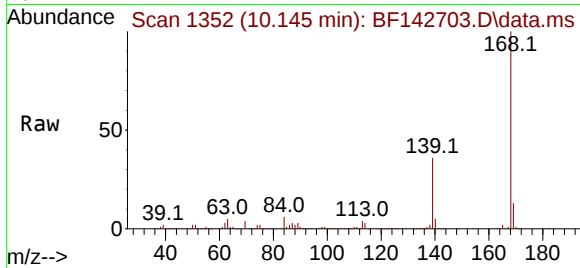




#55
Dibenzenofuran
Concen: 47.089 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

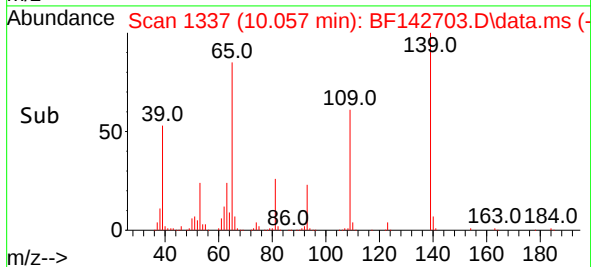
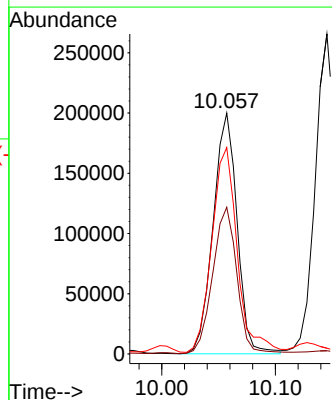
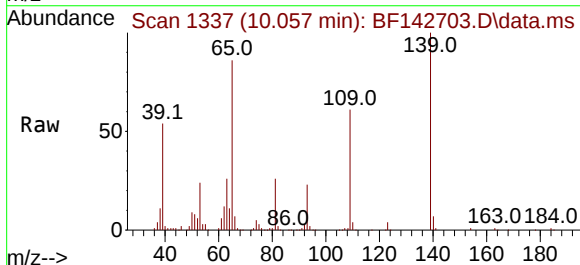
Instrument :
BNA_F
ClientSampleId :
PB168351BS

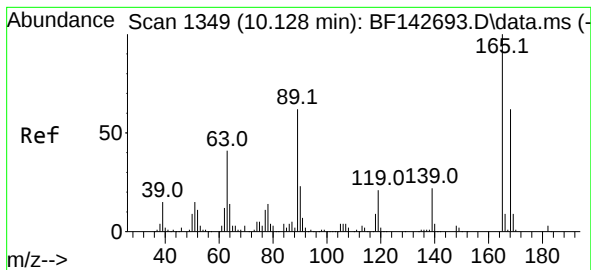
Tgt Ion:168 Resp: 936093
Ion Ratio Lower Upper
168 100
139 36.3 29.2 43.8
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 111.243 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:139 Resp: 293333
Ion Ratio Lower Upper
139 100
109 60.9 44.4 84.4
65 85.7 72.1 112.1

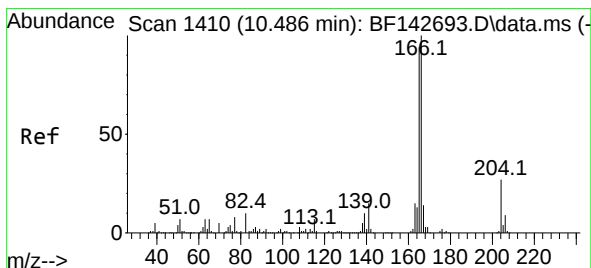
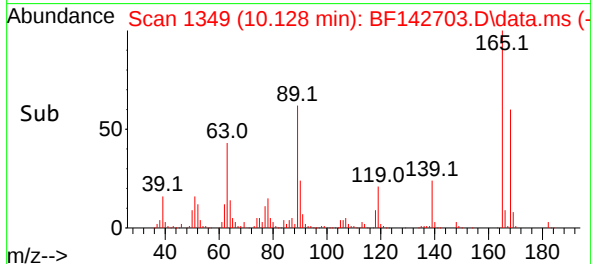
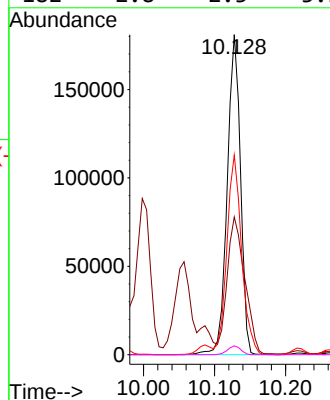
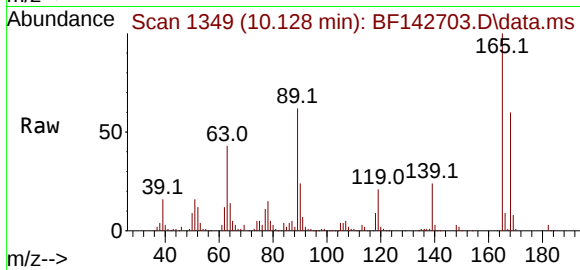




#57
2,4-Dinitrotoluene
Concen: 51.208 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

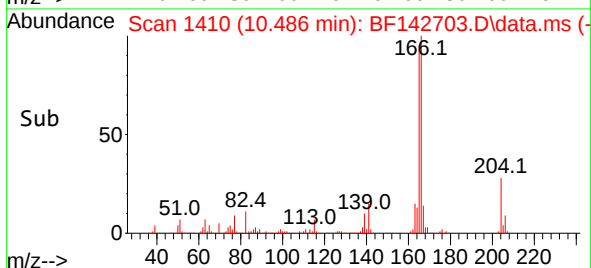
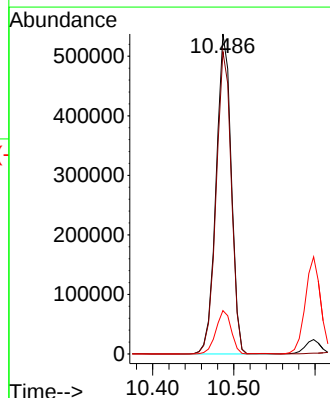
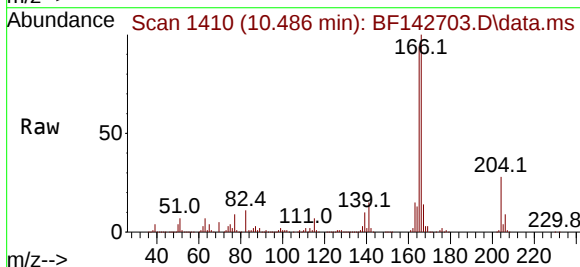
Instrument :
BNA_F
ClientSampleId :
PB168351BS

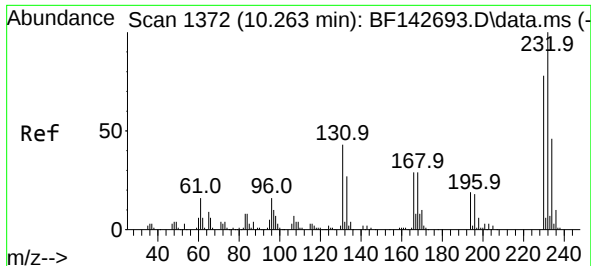
Tgt Ion:165 Resp: 234351
Ion Ratio Lower Upper
165 100
63 43.0 33.6 50.4
89 62.4 49.4 74.0
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.943 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:166 Resp: 698219
Ion Ratio Lower Upper
166 100
165 94.5 75.0 112.6
167 13.5 10.8 16.2

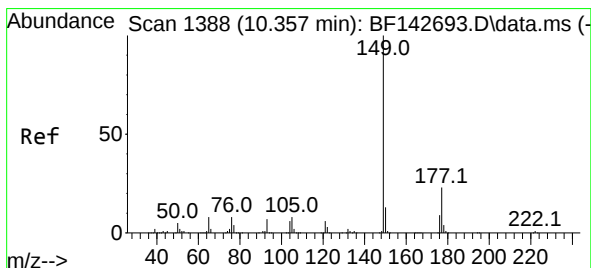
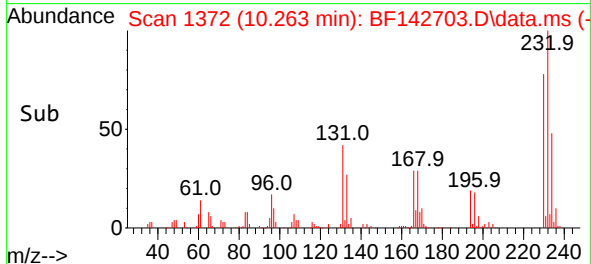
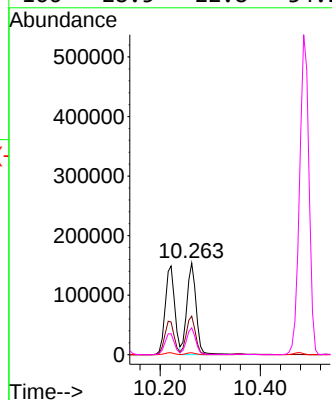
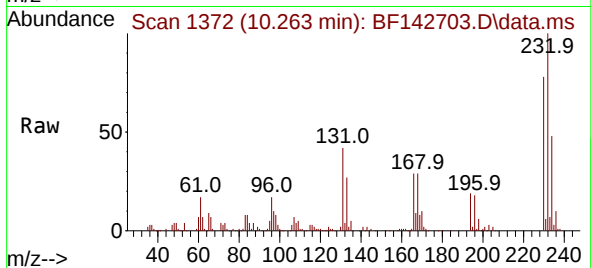




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.784 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

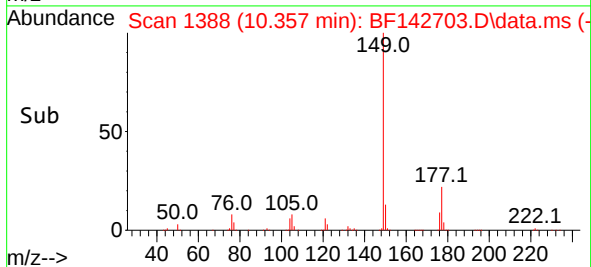
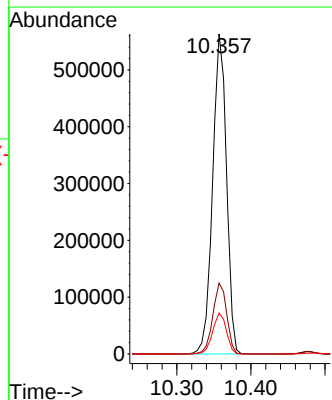
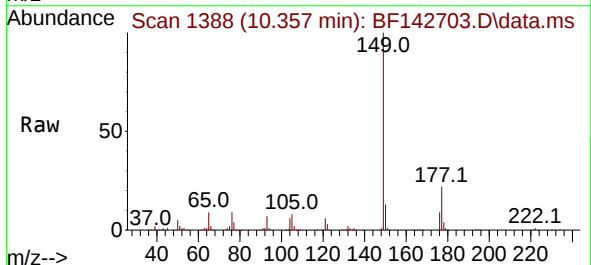
Instrument :
BNA_F
ClientSampleId :
PB168351BS

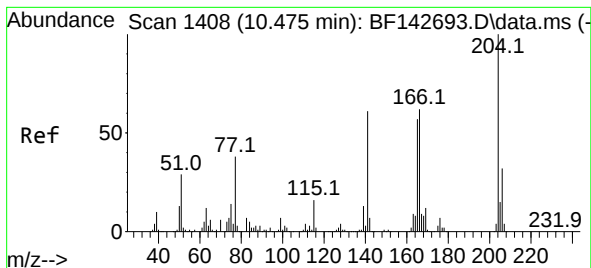
Tgt Ion:232 Resp: 199035
Ion Ratio Lower Upper
232 100
131 41.9 33.5 50.3
130 2.2 1.5 2.3
166 28.5 22.8 34.2



#60
Diethylphthalate
Concen: 47.740 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:149 Resp: 731481
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.8 10.0 15.0

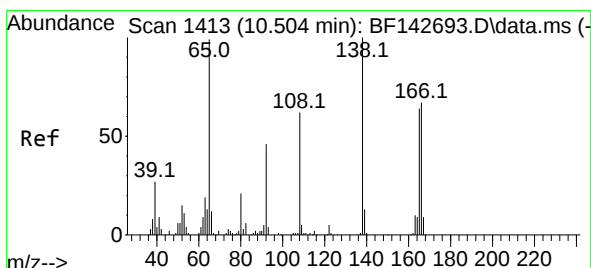
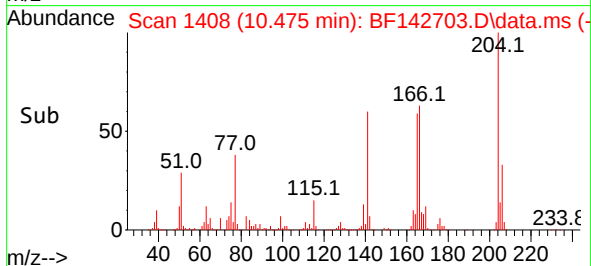
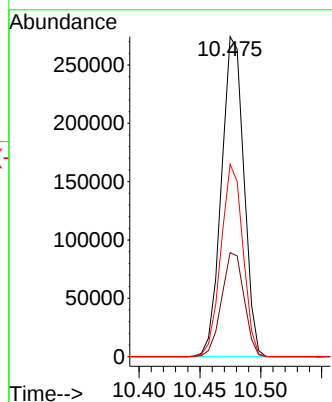
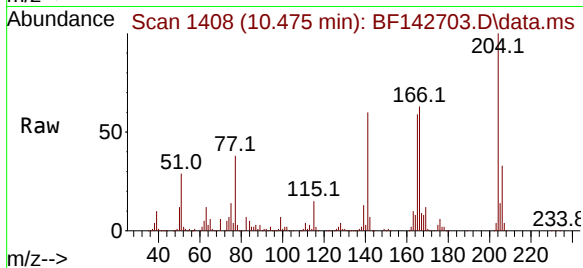




#61
4-Chlorophenyl-phenylether
Concen: 46.831 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

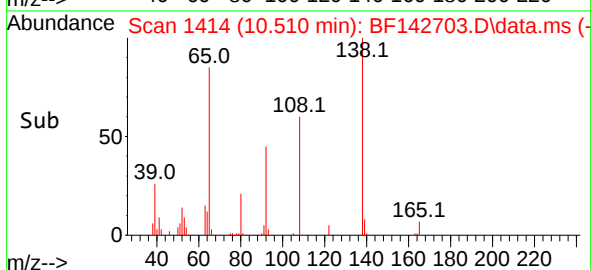
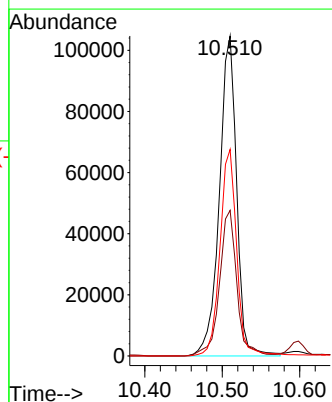
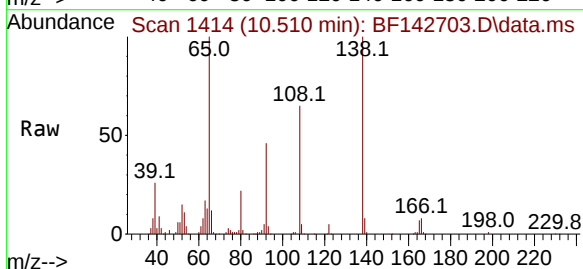
Instrument :
BNA_F
ClientSampleId :
PB168351BS

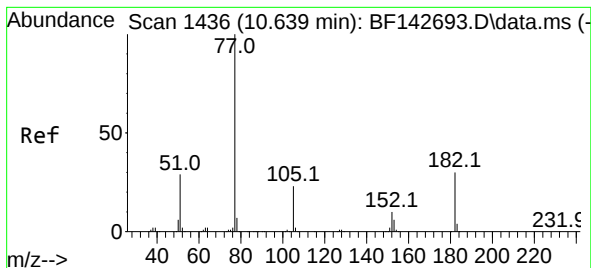
Tgt Ion:204 Resp: 351812
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 60.1 48.9 73.3



#62
4-Nitroaniline
Concen: 44.521 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:138 Resp: 162018
Ion Ratio Lower Upper
138 100
92 45.5 25.8 65.8
108 64.5 42.3 82.3





#63

Azobenzene

Concen: 42.653 ng

RT: 10.639 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

Tgt Ion: 77 Resp: 585420

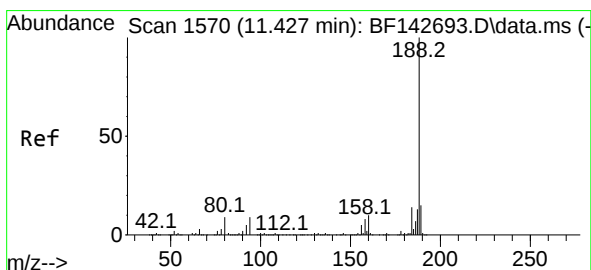
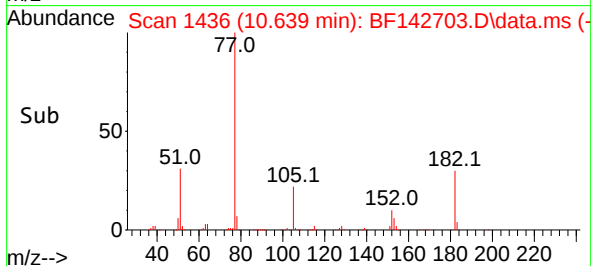
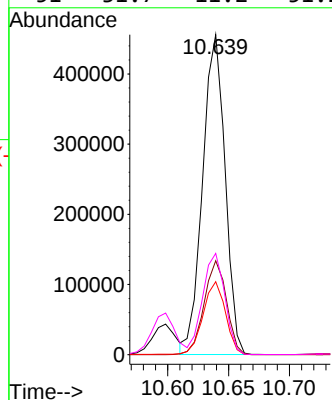
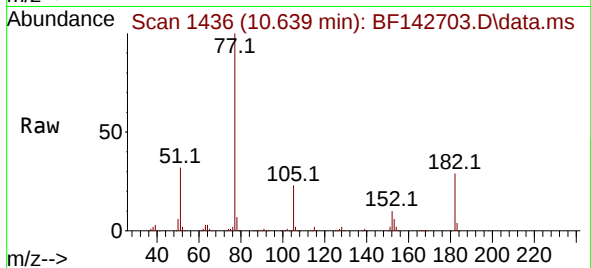
Ion Ratio Lower Upper

77 100

182 29.3 9.5 49.5

105 22.8 2.3 42.3

51 31.7 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

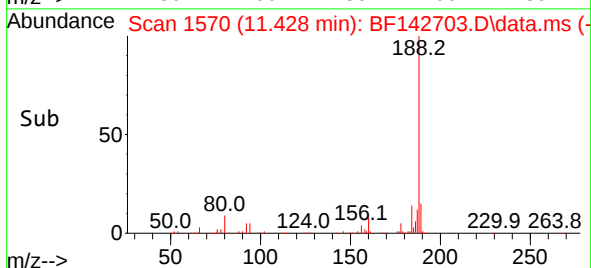
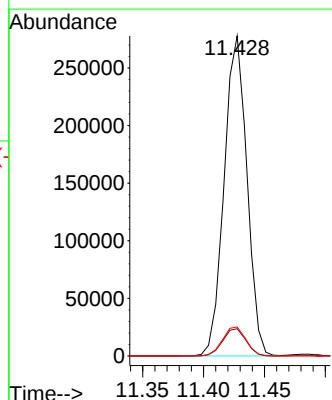
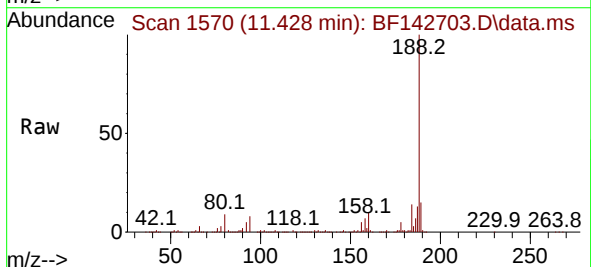
Tgt Ion: 188 Resp: 361738

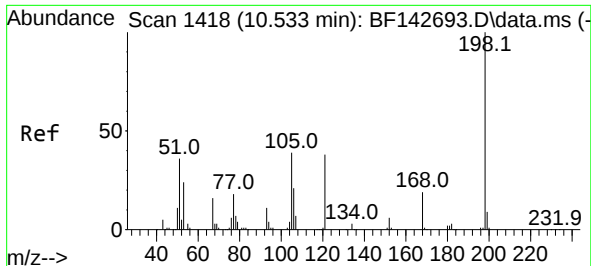
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.1 7.2 10.8

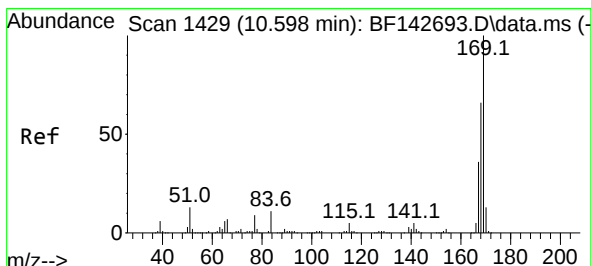
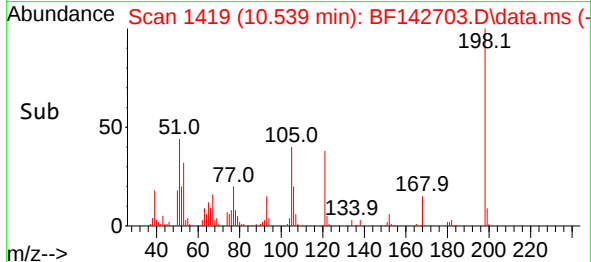
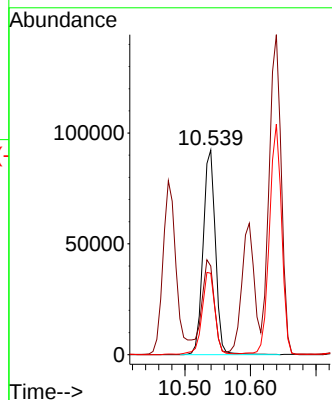
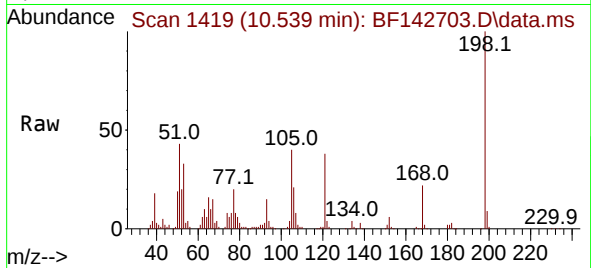




#65
4,6-Dinitro-2-methylphenol
Concen: 52.260 ng
RT: 10.539 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

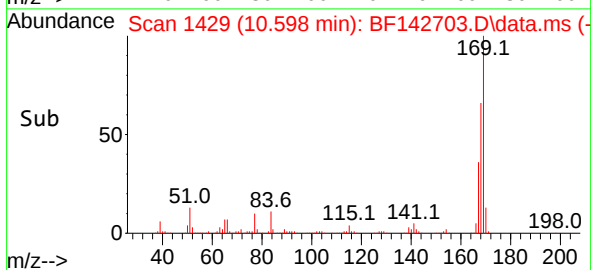
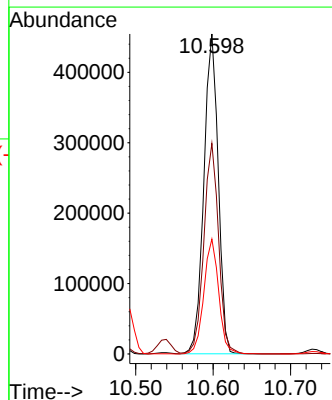
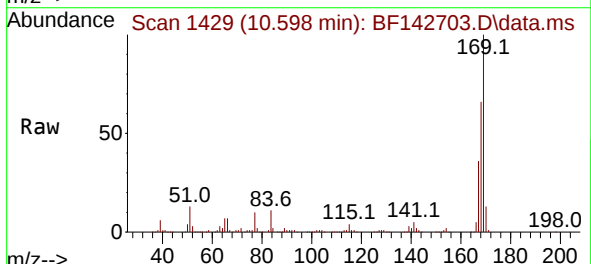
Instrument :
BNA_F
ClientSampleId :
PB168351BS

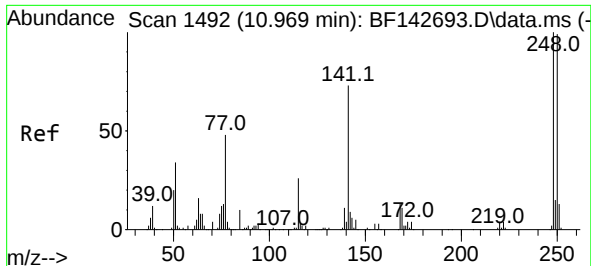
Tgt Ion:198 Resp: 120572
Ion Ratio Lower Upper
198 100
51 43.3 25.9 65.9
105 39.8 20.0 60.0



#66
n-Nitrosodiphenylamine
Concen: 50.131 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:169 Resp: 585501
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 35.9 28.4 42.6

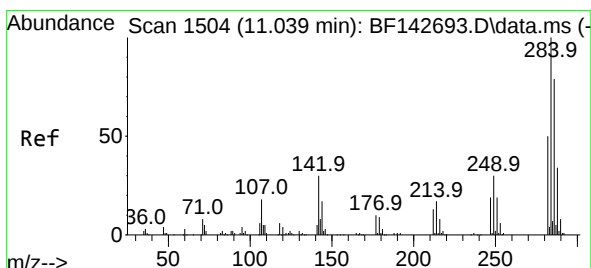
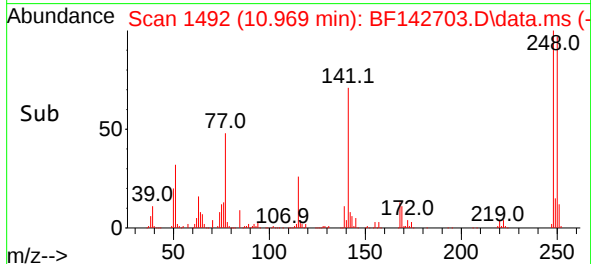
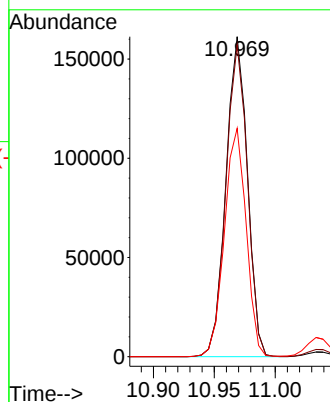
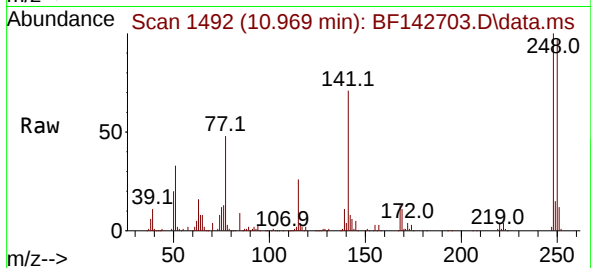




#67
4-Bromophenyl-phenylether
Concen: 49.738 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

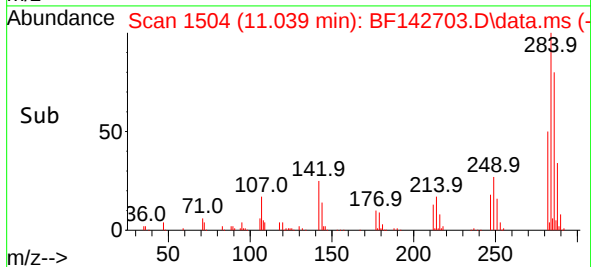
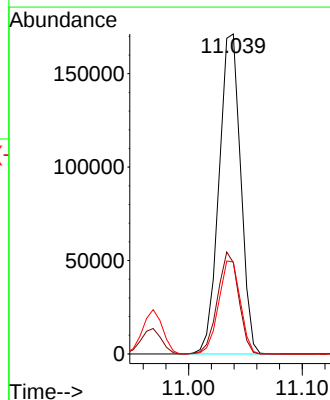
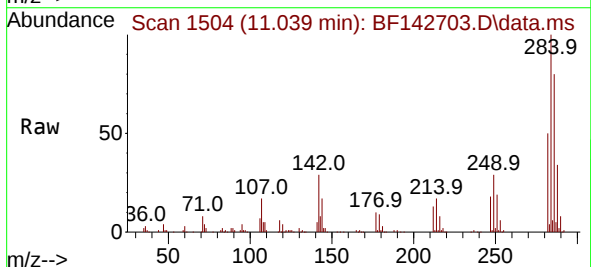
Instrument :
BNA_F
ClientSampleId :
PB168351BS

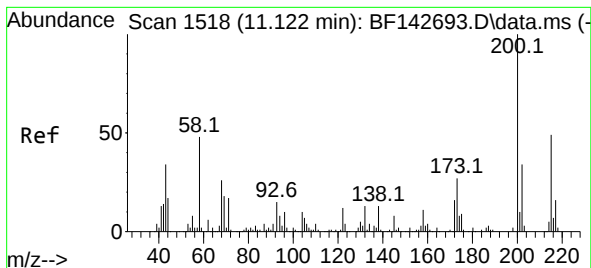
Tgt Ion:248 Resp: 198868
Ion Ratio Lower Upper
248 100
250 97.5 79.1 118.7
141 71.4 58.5 87.7



#68
Hexachlorobenzene
Concen: 49.413 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:284 Resp: 227017
Ion Ratio Lower Upper
284 100
142 28.5 23.6 35.4
249 28.8 23.8 35.8





#69

Atrazine

Concen: 52.600 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

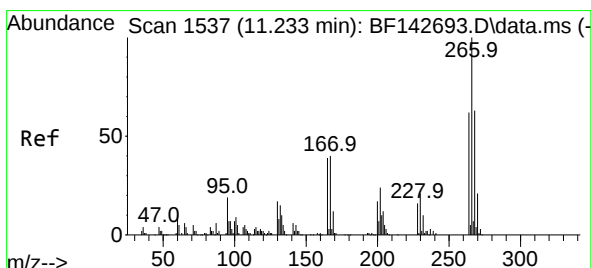
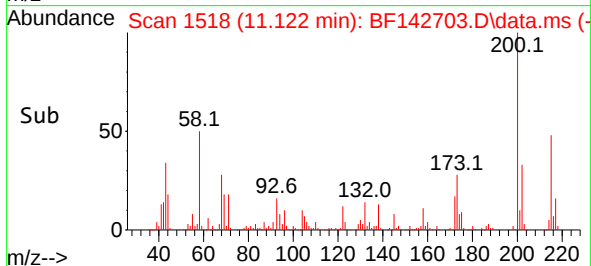
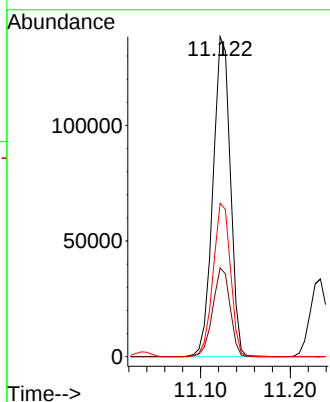
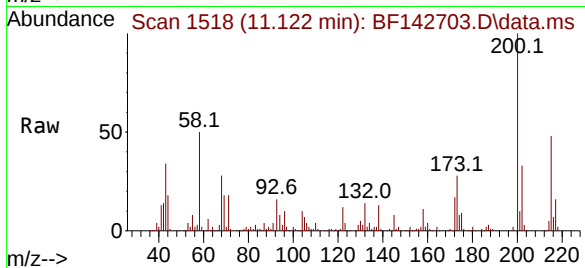
Tgt Ion:200 Resp: 186305

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 48.0 28.9 68.9



#70

Pentachlorophenol

Concen: 103.055 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

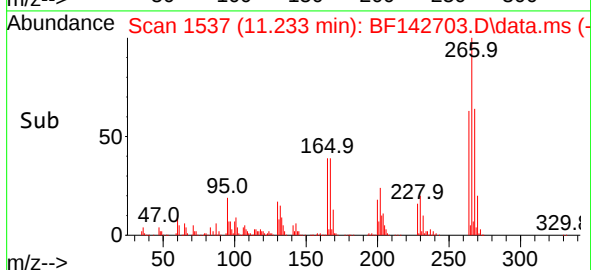
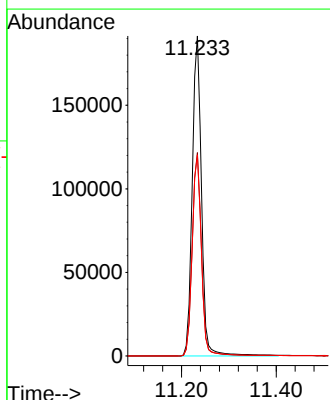
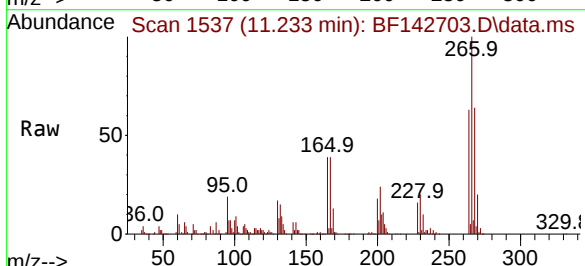
Tgt Ion:266 Resp: 260373

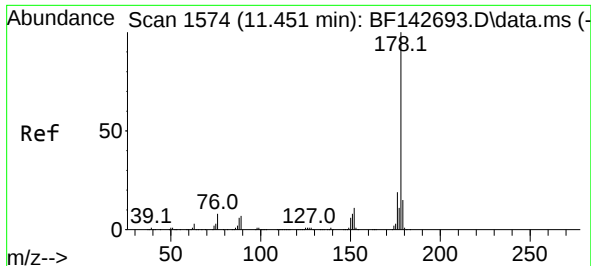
Ion Ratio Lower Upper

266 100

268 63.6 50.8 76.2

264 62.9 49.7 74.5

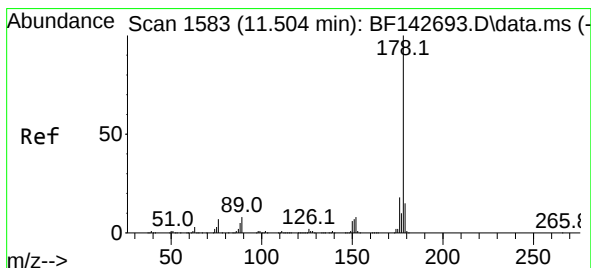
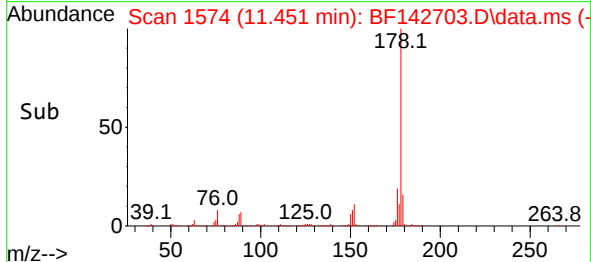
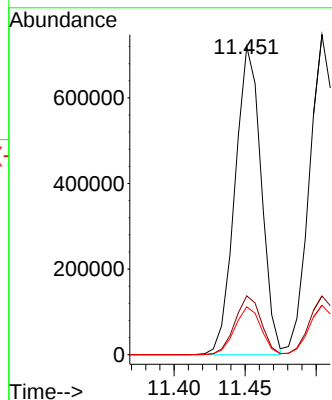
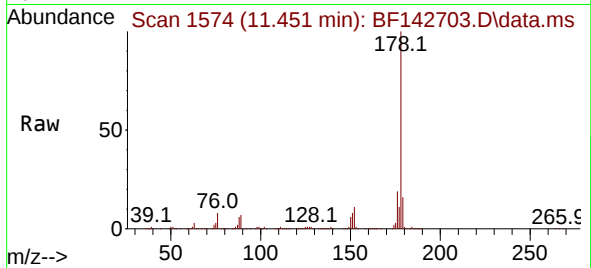




#71
Phenanthrene
Concen: 47.923 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

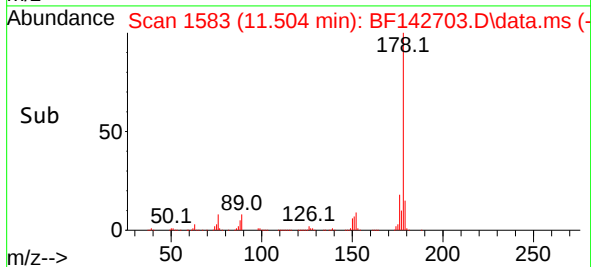
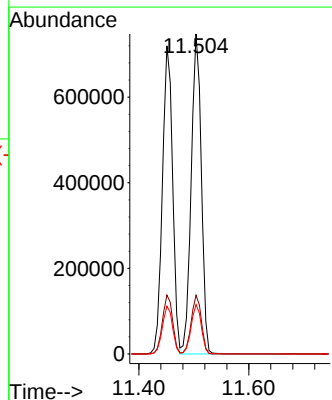
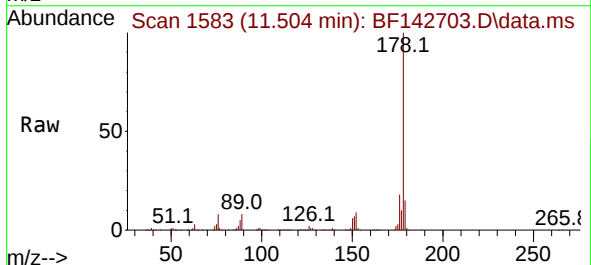
Instrument :
BNA_F
ClientSampleId :
PB168351BS

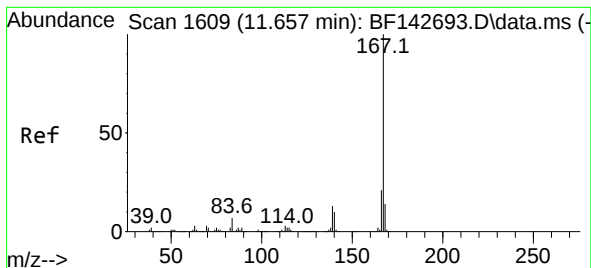
Tgt Ion:178 Resp: 926763
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 47.541 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:178 Resp: 954092
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.2 18.2





#73

Carbazole

Concen: 49.986 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

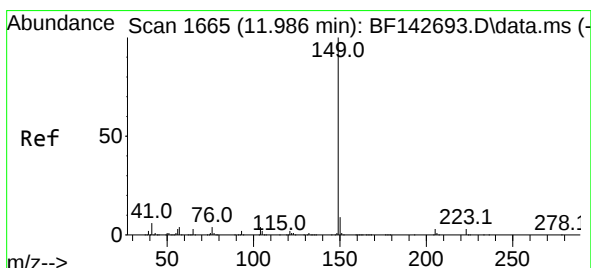
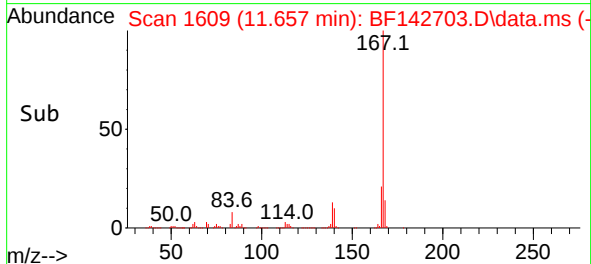
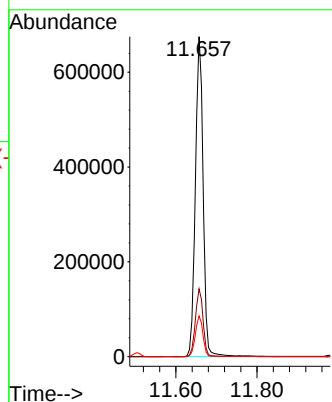
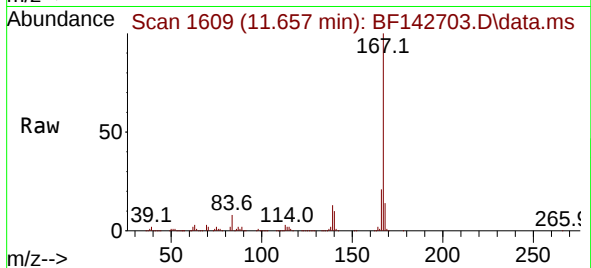
Tgt Ion:167 Resp: 903318

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 12.7 10.1 15.1



#74

Di-n-butylphthalate

Concen: 50.939 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

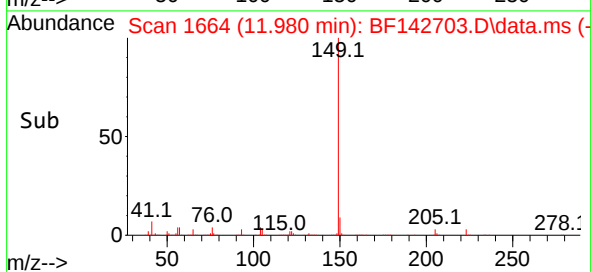
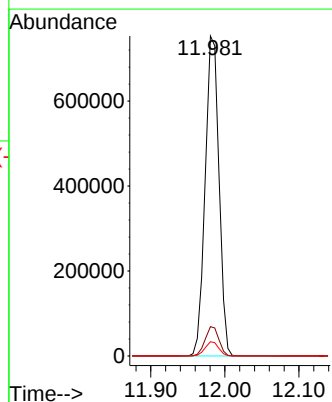
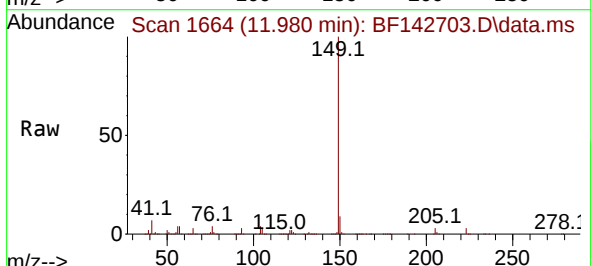
Tgt Ion:149 Resp: 977260

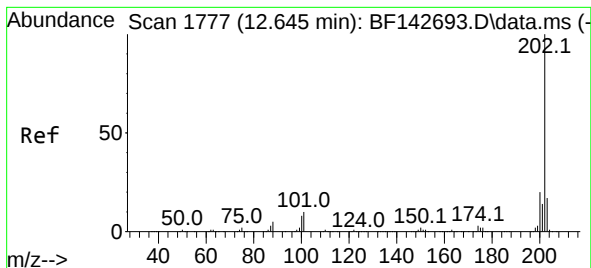
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.4 3.3 4.9





#75

Fluoranthene

Concen: 50.634 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

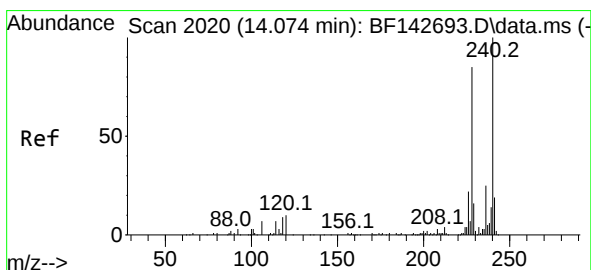
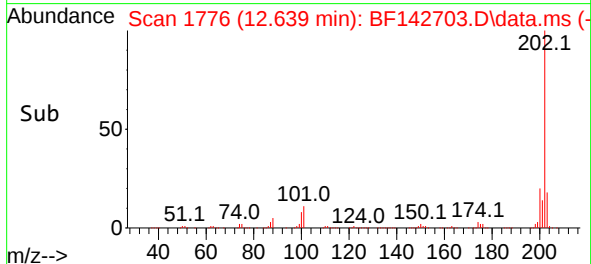
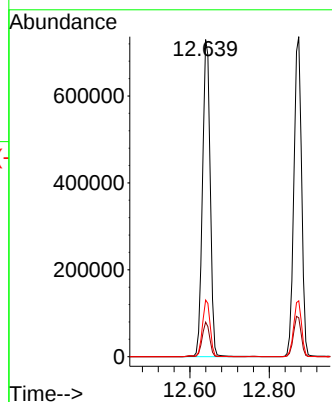
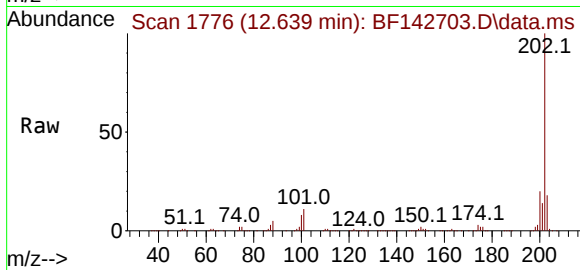
Tgt Ion:202 Resp: 981068

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.2

203 17.9 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

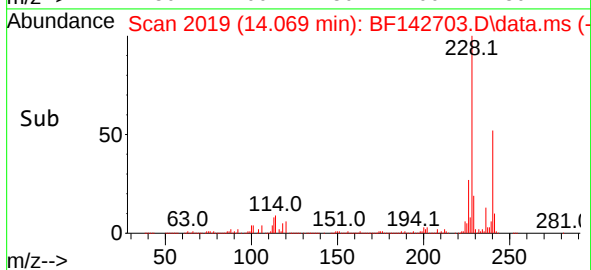
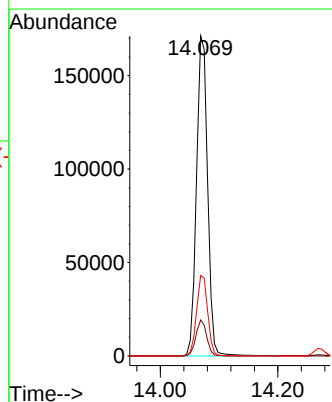
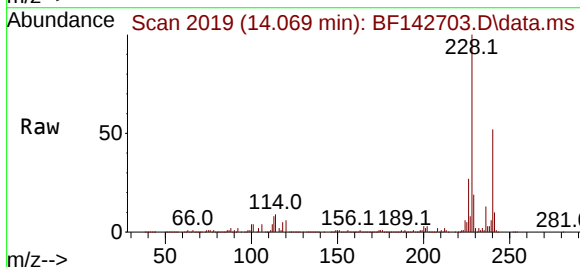
Tgt Ion:240 Resp: 224252

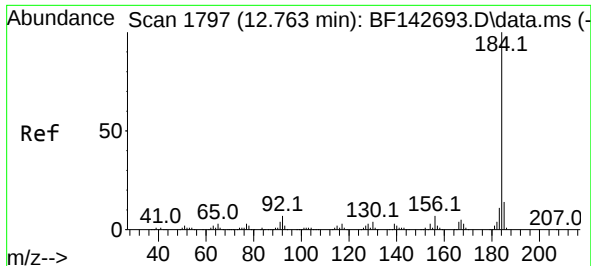
Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

236 25.2 20.2 30.2

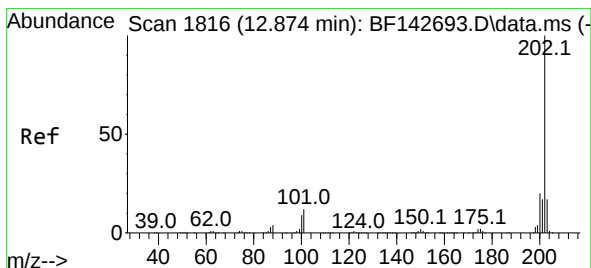
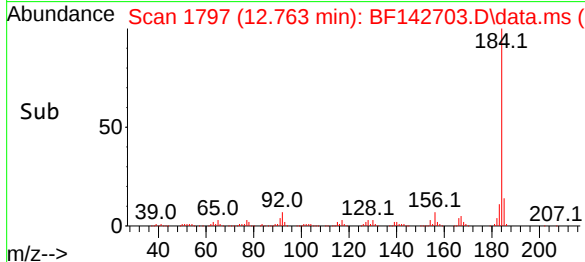
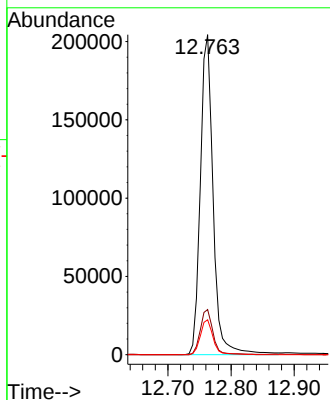
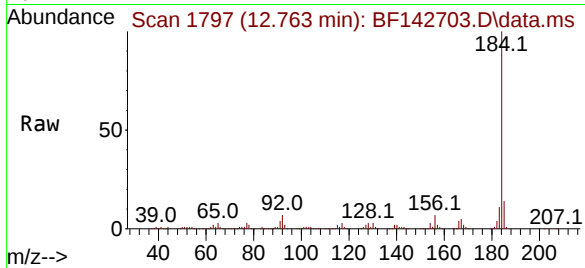




#77
Benzidine
Concen: 37.279 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

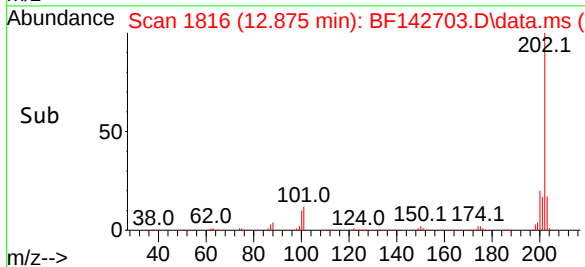
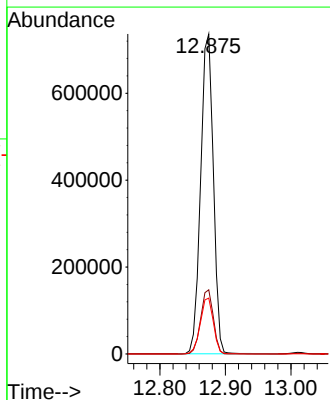
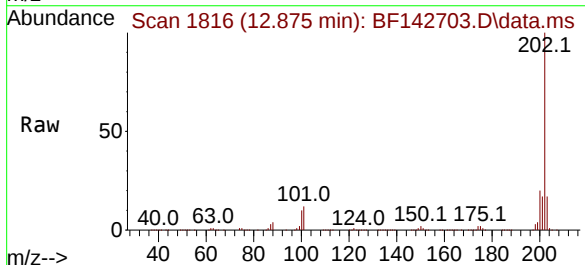
Instrument :
BNA_F
ClientSampleId :
PB168351BS

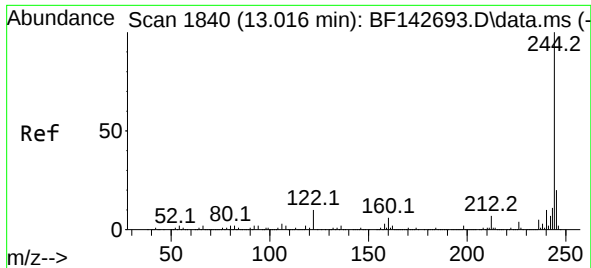
Tgt Ion:184 Resp: 288524
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.9 8.9 13.3



#78
Pyrene
Concen: 54.407 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:202 Resp: 994180
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.5 13.9 20.9

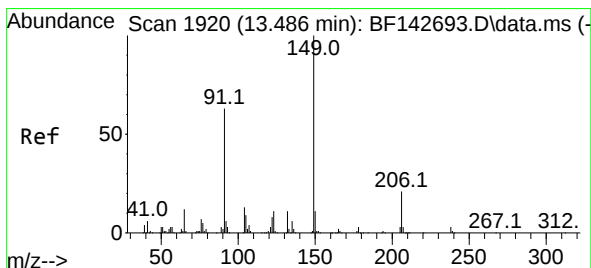
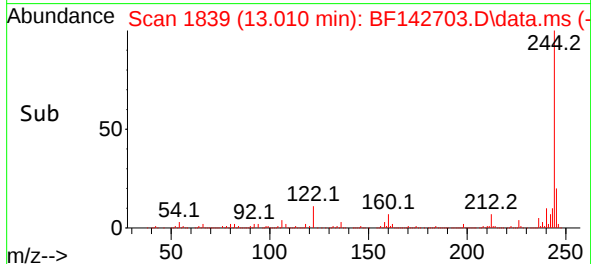
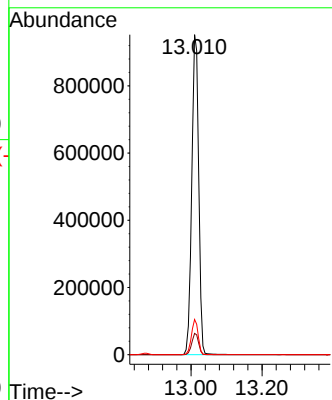
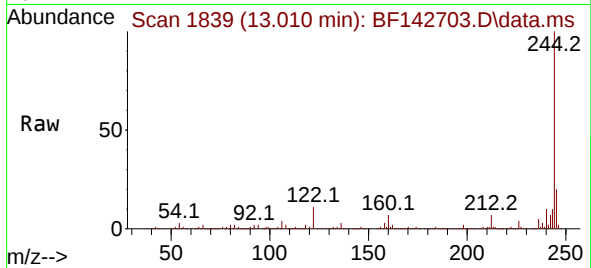




#79
 Terphenyl-d14
 Concen: 90.810 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142703.D
 Acq: 10 Jun 2025 10:37

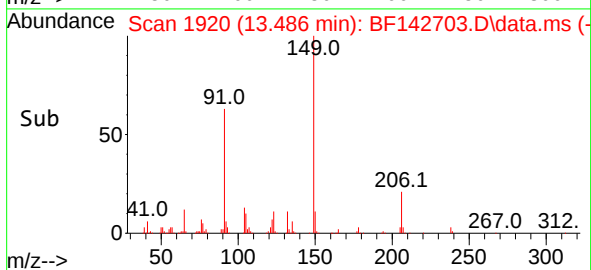
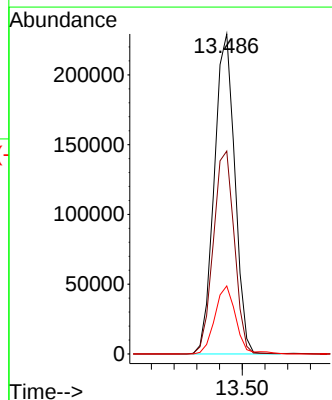
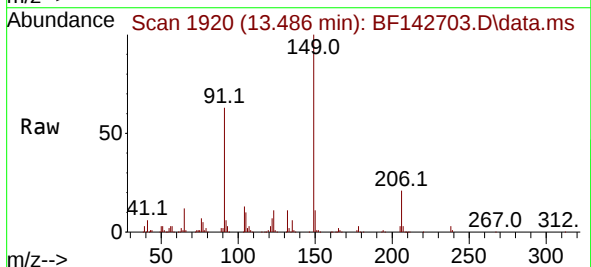
Instrument :
 BNA_F
 ClientSampleId :
 PB168351BS

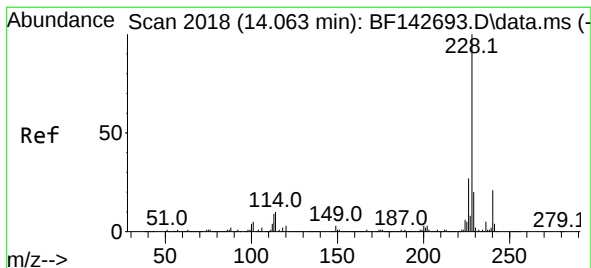
Tgt Ion:244 Resp: 1287648
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.251 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: BF142703.D
 Acq: 10 Jun 2025 10:37

Tgt Ion:149 Resp: 288402
 Ion Ratio Lower Upper
 149 100
 91 63.4 50.5 75.7
 206 21.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 51.928 ng

RT: 14.057 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

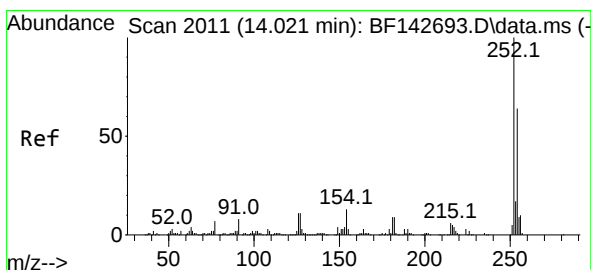
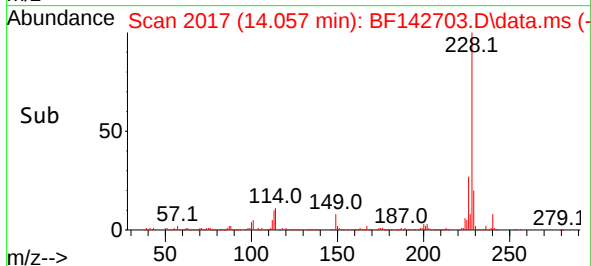
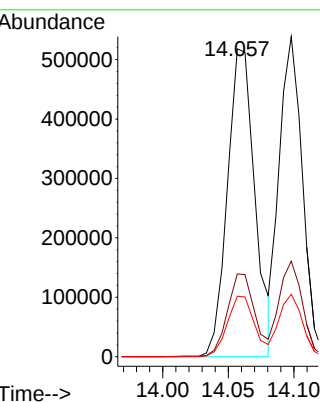
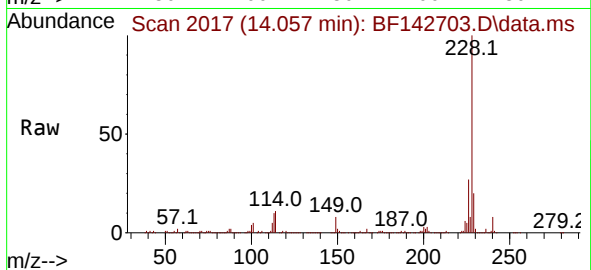
Tgt Ion:228 Resp: 755742

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 20.485 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

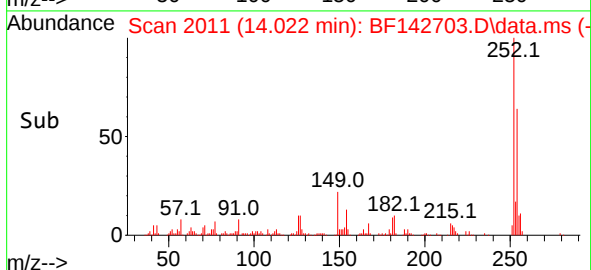
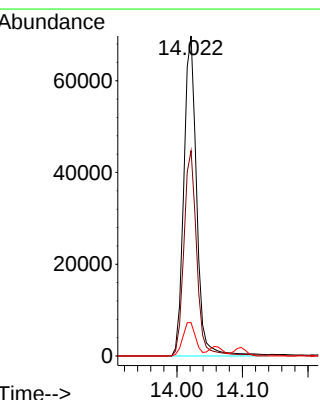
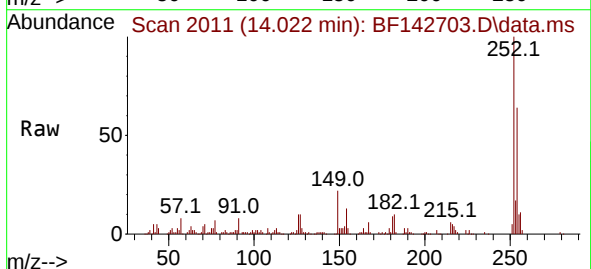
Tgt Ion:252 Resp: 95297

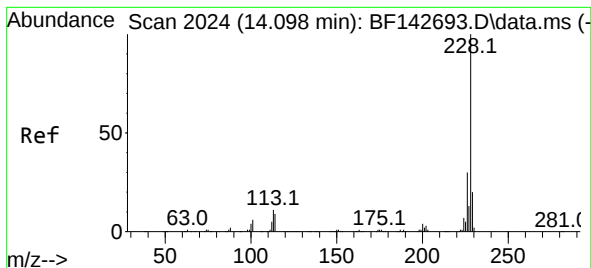
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.2

126 10.4 9.1 13.7





#83

Chrysene

Concen: 48.511 ng

RT: 14.098 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

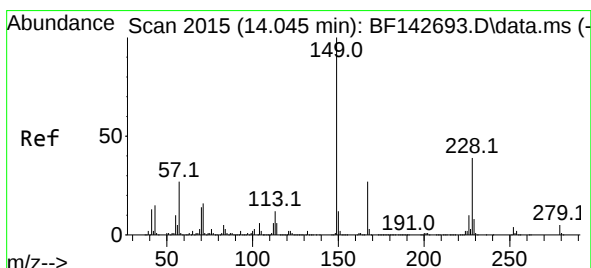
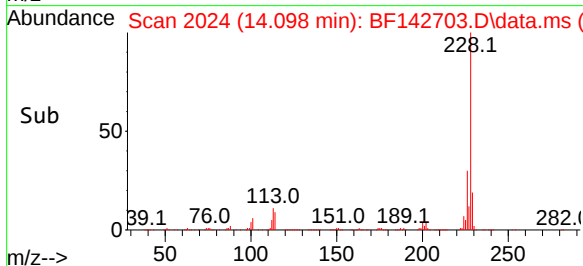
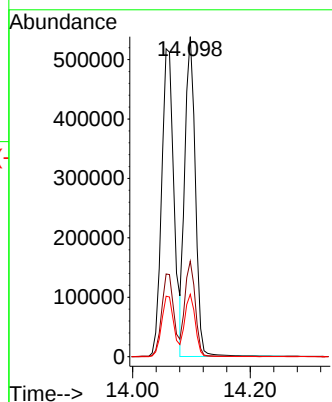
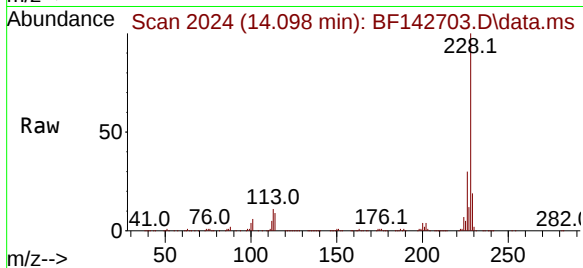
Tgt Ion:228 Resp: 668732

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.219 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

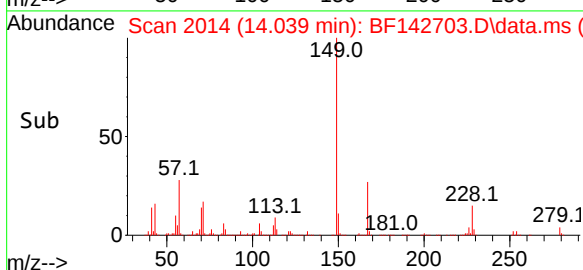
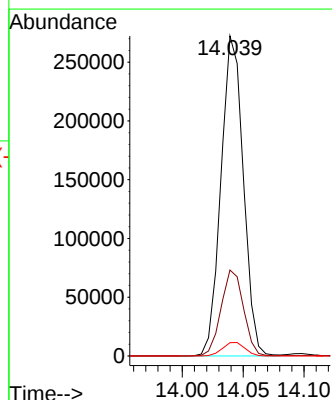
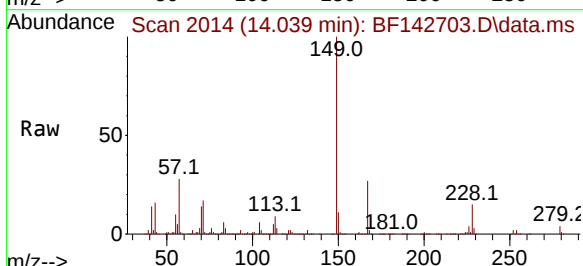
Tgt Ion:149 Resp: 348342

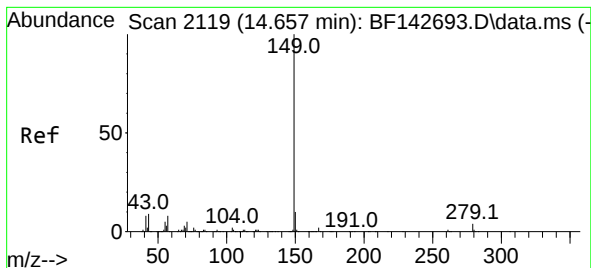
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.404 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

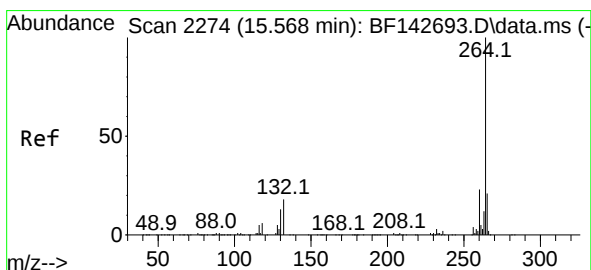
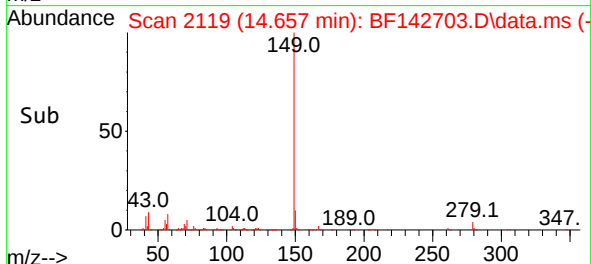
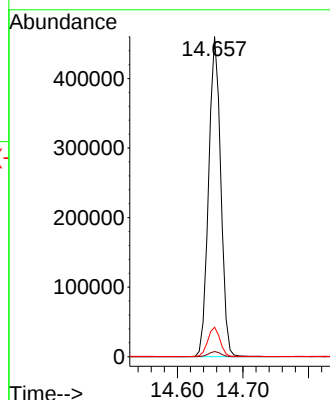
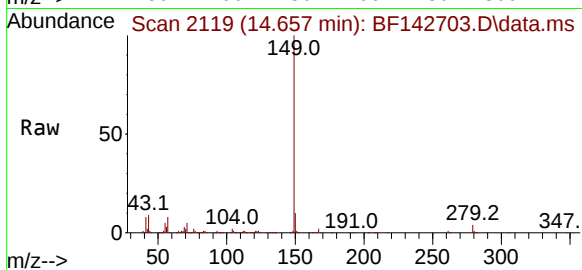
Tgt Ion:149 Resp: 592340

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

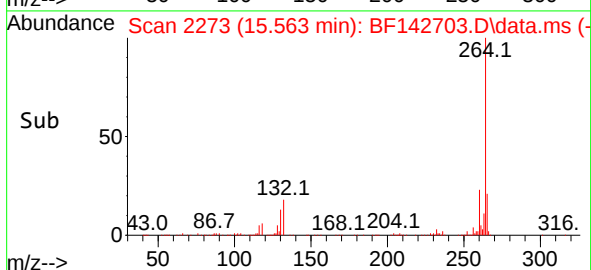
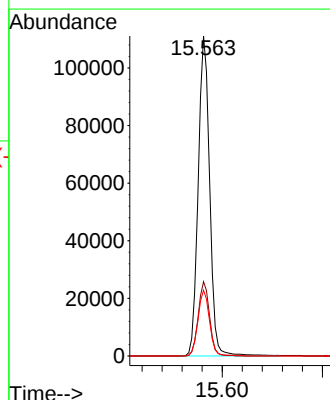
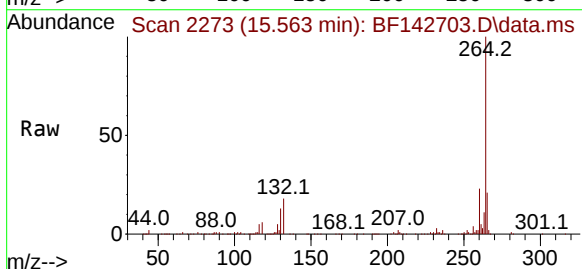
Tgt Ion:264 Resp: 175871

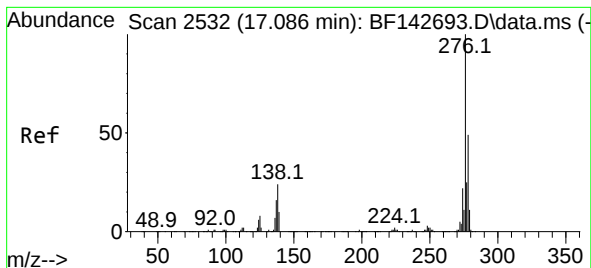
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.481 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB168351BS

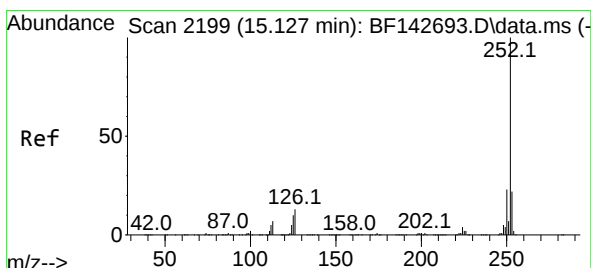
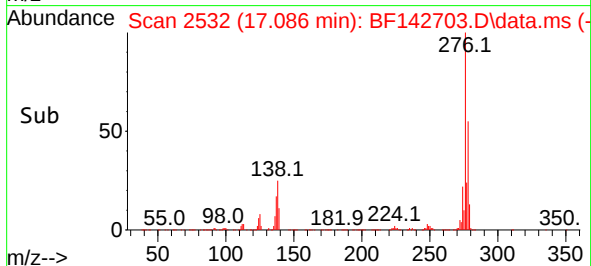
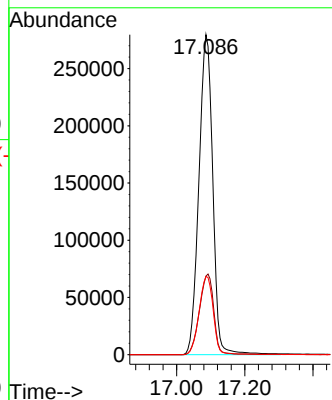
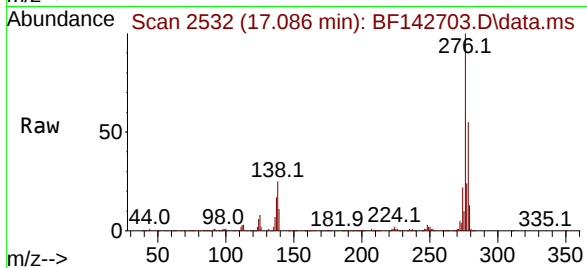
Tgt Ion:276 Resp: 789735

Ion Ratio Lower Upper

276 100

138 25.9 20.8 31.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 62.011 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142703.D

Acq: 10 Jun 2025 10:37

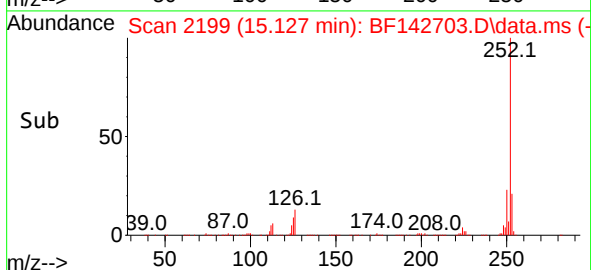
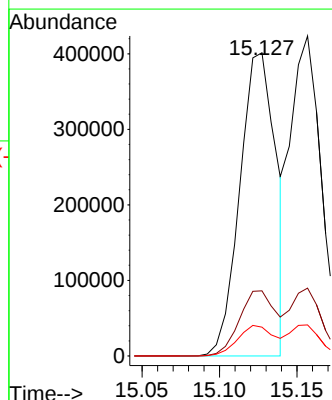
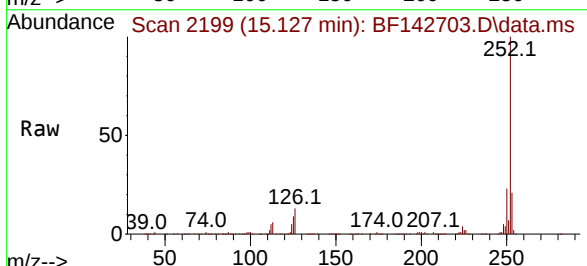
Tgt Ion:252 Resp: 651571

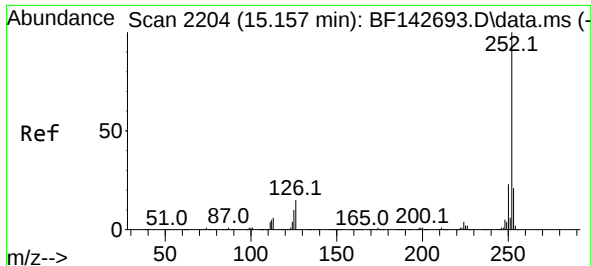
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 9.5 7.8 11.8

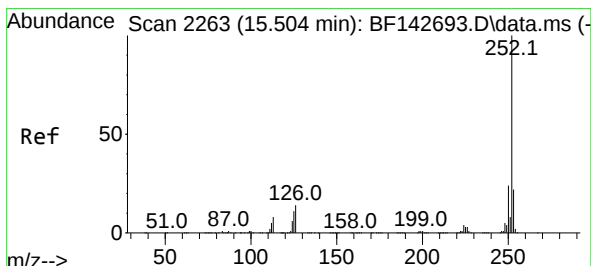
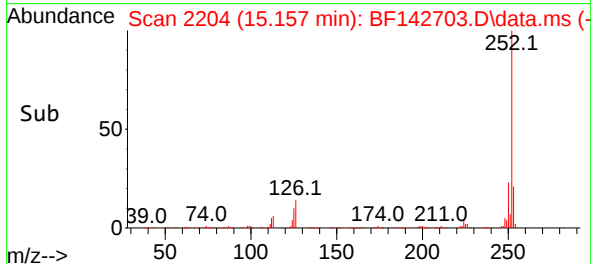
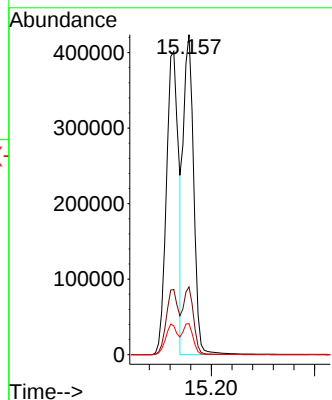
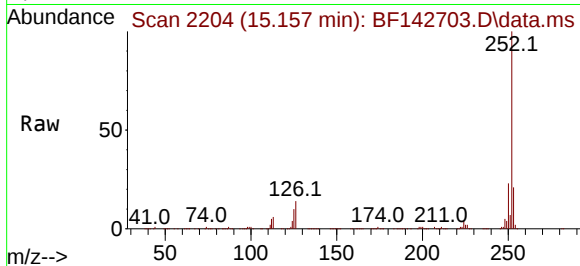




#89
Benzo(k)fluoranthene
Concen: 59.587 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

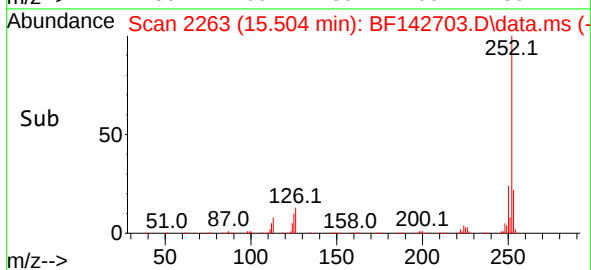
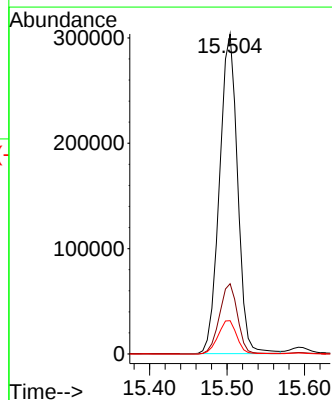
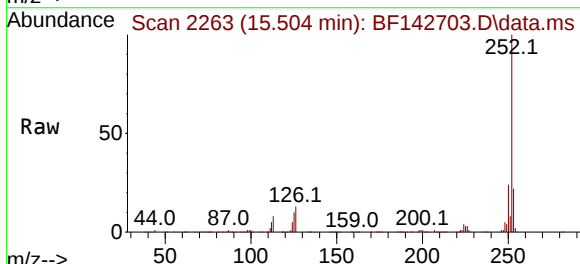
Instrument :
BNA_F
ClientSampleId :
PB168351BS

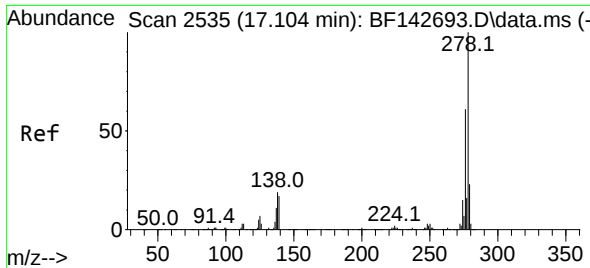
Tgt Ion:252 Resp: 589170
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.007 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:252 Resp: 492373
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.4 8.8 13.2

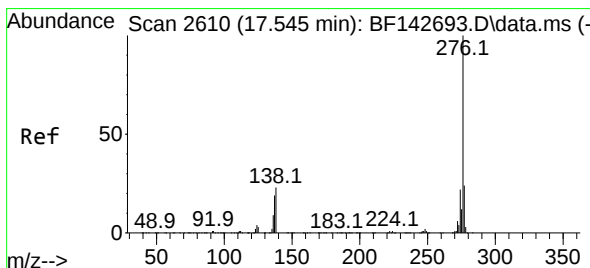
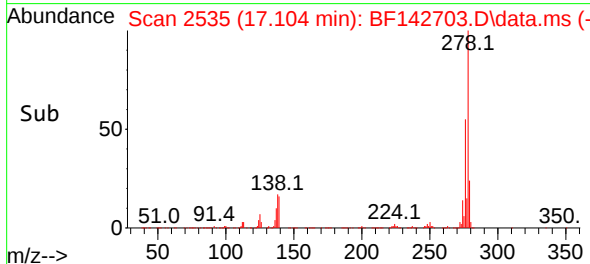
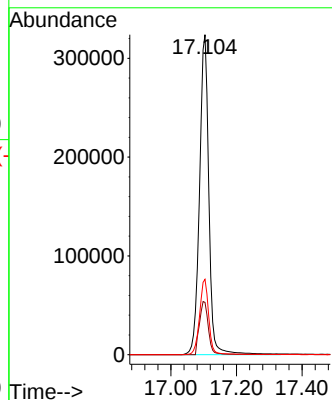
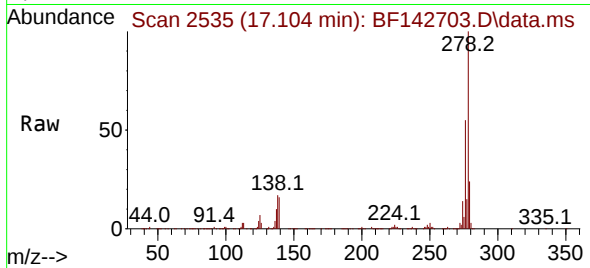




#91
Dibenzo(a,h)anthracene
Concen: 64.156 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB168351BS

Tgt Ion:278 Resp: 642495
Ion Ratio Lower Upper
278 100
139 16.4 13.4 20.0
279 23.5 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 62.114 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF142703.D
Acq: 10 Jun 2025 10:37

Tgt Ion:276 Resp: 644132
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 21.9 18.2 27.2

