

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143842.D
 Acq On : 30 Sep 2025 19:34
 Operator : RC/JU
 Sample : Q3231-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Oct 01 02:34:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131846	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	500175	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	265780	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	418613	20.000	ng	0.00
76) Chrysene-d12	14.057	240	385281	20.000	ng	0.00
86) Perylene-d12	15.533	264	608066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1098053	135.310	ng	0.02
7) Phenol-d6	6.510	99	1295810	138.198	ng	0.00
23) Nitrobenzene-d5	7.445	82	850466	104.080	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	583998	148.400	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1691025	99.287	ng	0.00
79) Terphenyl-d14	12.998	244	2254179	118.989	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	156680	40.338	ng	# 82
3) Pyridine	3.534	79	407854	38.900	ng	90
4) n-Nitrosodimethylamine	3.475	42	215933	41.073	ng	# 79
6) Aniline	6.551	93	384576	28.259	ng	98
8) 2-Chlorophenol	6.669	128	413724	49.800	ng	100
9) Benzaldehyde	6.440	77	138845	16.909	ng	97
10) Phenol	6.528	94	518361	47.561	ng	100
11) bis(2-Chloroethyl)ether	6.622	93	412739	48.311	ng	97
12) 1,3-Dichlorobenzene	6.828	146	420354	43.579	ng	98
13) 1,4-Dichlorobenzene	6.904	146	430487	44.721	ng	99
14) 1,2-Dichlorobenzene	7.057	146	412653	45.262	ng	99
15) Benzyl Alcohol	7.022	79	374842	55.326	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	799444	39.463	ng	94
17) 2-Methylphenol	7.134	107	339964	52.857	ng	99
18) Hexachloroethane	7.398	117	142020	41.952	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	296269	49.136	ng	90
20) 3+4-Methylphenols	7.287	107	404757	51.676	ng	# 83
22) Acetophenone	7.293	105	581695	52.950	ng	97
24) Nitrobenzene	7.469	77	438526	48.417	ng	95
25) Isophorone	7.704	82	814261	51.137	ng	99
26) 2-Nitrophenol	7.781	139	212020	56.509	ng	95
27) 2,4-Dimethylphenol	7.816	122	396823	55.757	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	511452	49.439	ng	99
29) 2,4-Dichlorophenol	8.022	162	366193	52.291	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	368034	50.641	ng	100
31) Naphthalene	8.192	128	1126912	47.064	ng	100
32) Benzoic acid	7.910	122	174685	50.872	ng	96
33) 4-Chloroaniline	8.234	127	162222	19.279	ng	98
34) Hexachlorobutadiene	8.304	225	260791	48.137	ng	100
35) Caprolactam	8.598	113	70362	39.310	ng	# 86
36) 4-Chloro-3-methylphenol	8.710	107	356776	54.322	ng	98
37) 2-Methylnaphthalene	8.881	142	709372	46.462	ng	100
38) 1-Methylnaphthalene	8.981	142	723051	49.477	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	435474	54.293	ng	98
41) Hexachlorocyclopentadiene	9.034	237	598323	117.703	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	275867	54.928	ng	99

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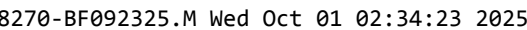
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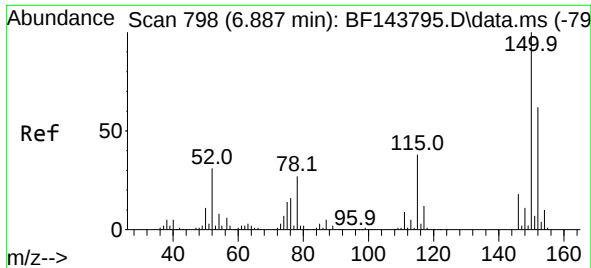
Quant Time: Oct 01 02:34:09 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	284564	54.169	ng	98
46) 1,1'-Biphenyl	9.345	154	1020475	53.042	ng	99
47) 2-Chloronaphthalene	9.369	162	743242	47.993	ng	99
48) 2-Nitroaniline	9.463	65	283018	60.466	ng	99
49) Acenaphthylene	9.786	152	1197203	56.155	ng	99
50) Dimethylphthalate	9.645	163	833164	51.432	ng	100
51) 2,6-Dinitrotoluene	9.704	165	183036	68.771	ng	95
52) Acenaphthene	9.957	154	722147	51.473	ng	99
53) 3-Nitroaniline	9.875	138	125756	38.981	ng	96
54) 2,4-Dinitrophenol	9.981	184	109915	89.599	ng	# 19
55) Dibenzofuran	10.133	168	1003519	50.583	ng	98
56) 4-Nitrophenol	10.028	139	276851	106.493	ng	94
57) 2,4-Dinitrotoluene	10.110	165	236895	59.238	ng	94
58) Fluorene	10.475	166	750021	50.853	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	295180	65.591	ng	93
60) Diethylphthalate	10.345	149	777014	51.241	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	388353	51.677	ng	97
62) 4-Nitroaniline	10.486	138	179557	59.193	ng	98
63) Azobenzene	10.628	77	792734	49.604	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	93971	57.860	ng	82
66) n-Nitrosodiphenylamine	10.586	169	720688	52.349	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	407874	57.174	ng	97
68) Hexachlorobenzene	11.022	284	591378	60.153	ng	97
69) Atrazine	11.110	200	222976	55.931	ng	97
70) Pentachlorophenol	11.216	266	595731	121.734	ng	99
71) Phenanthrene	11.439	178	1103235	51.334	ng	100
72) Anthracene	11.492	178	1113516	51.653	ng	99
73) Carbazole	11.645	167	962333	51.056	ng	99
74) Di-n-butylphthalate	11.975	149	1089554	50.263	ng	100
75) Fluoranthene	12.627	202	1094832	50.650	ng	99
77) Benzidine	12.751	184	218020	23.222	ng	100
78) Pyrene	12.857	202	1104594	58.314	ng	99
80) Butylbenzylphthalate	13.474	149	369681	56.411	ng	95
81) Benzo(a)anthracene	14.045	228	1075117	51.943	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	372713	41.566	ng	100
83) Chrysene	14.080	228	1016710	54.286	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	458314	47.712	ng	99
85) Di-n-octyl phthalate	14.651	149	791757	45.439	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.039	276	2576602	55.848	ng	98
88) Benzo(b)fluoranthene	15.104	252	1625712	52.500	ng	99
89) Benzo(k)fluoranthene	15.133	252	1584406	50.929	ng	99
90) Benzo(a)pyrene	15.474	252	1591907	54.691	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	2090745	55.405	ng	98
92) Benzo(g,h,i)perylene	17.492	276	2070983	56.933	ng	98

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

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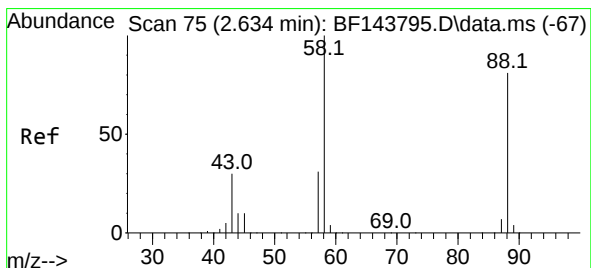
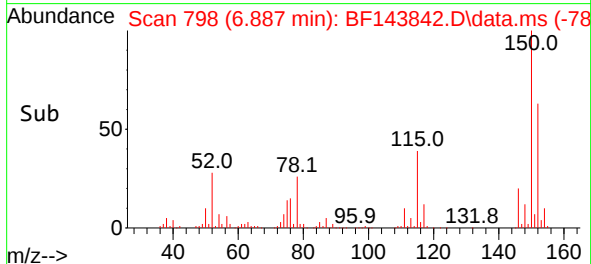
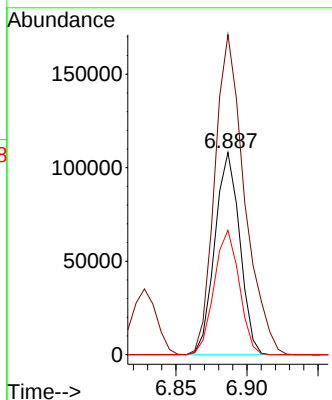
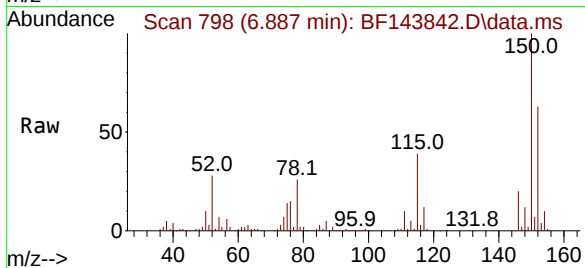




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

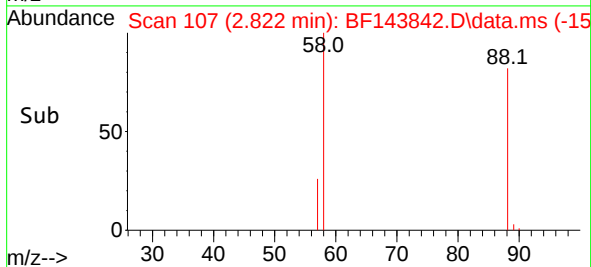
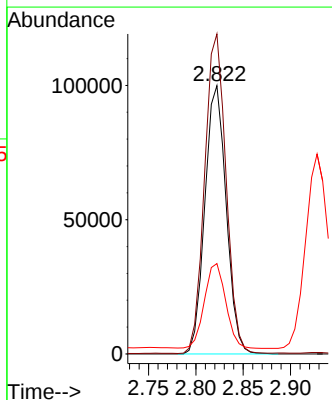
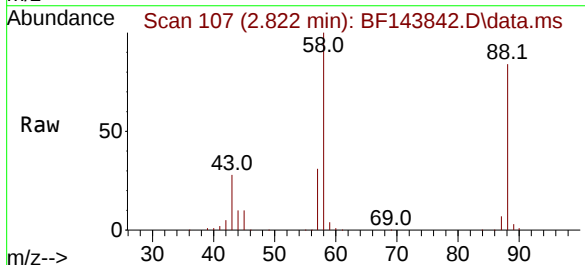
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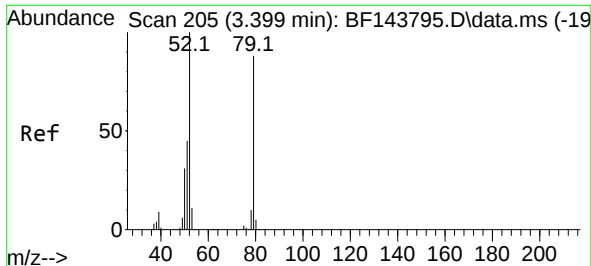
Tgt Ion:152 Resp: 131846
 Ion Ratio Lower Upper
 152 100
 150 158.2 129.6 194.4
 115 61.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 40.338 ng
 RT: 2.822 min Scan# 107
 Delta R.T. 0.188 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

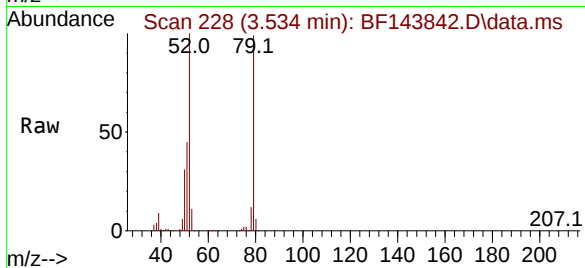
Tgt Ion: 88 Resp: 156680
 Ion Ratio Lower Upper
 88 100
 58 118.9 99.4 149.2
 43 0.0 30.6 45.8#



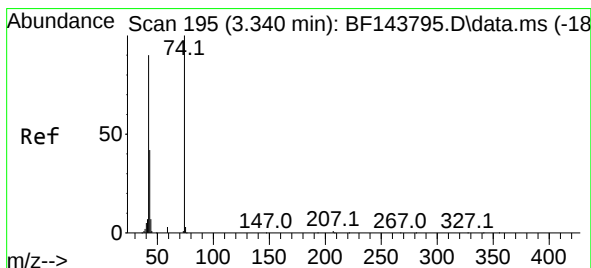
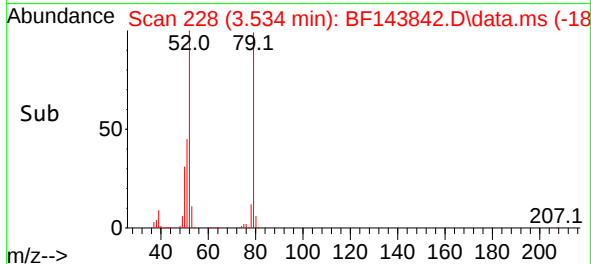
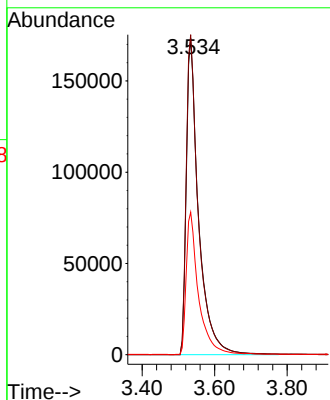


#3
Pyridine
Concen: 38.900 ng
RT: 3.534 min Scan# 218
Delta R.T. 0.135 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Instrument :
BNA_F
ClientSampleId :
WC-1MS

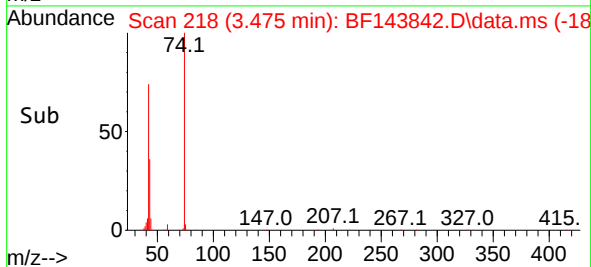
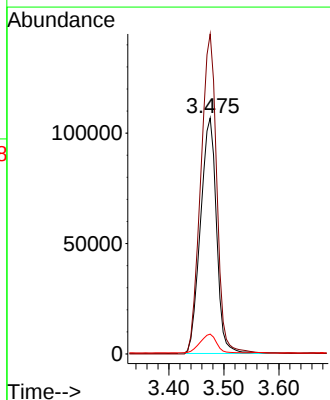
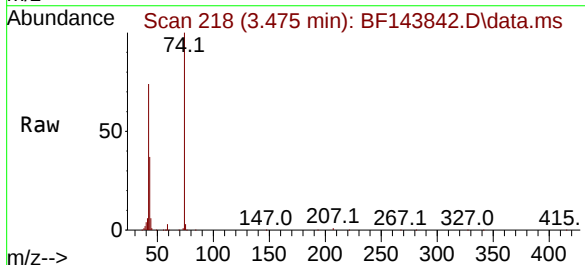


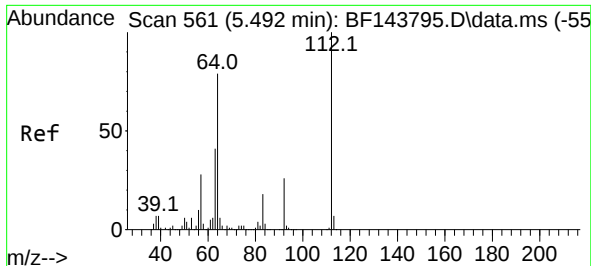
Tgt Ion: 79 Resp: 407854
Ion Ratio Lower Upper
79 100
52 101.2 90.5 135.7
51 45.1 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 41.073 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.118 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 42 Resp: 215933
Ion Ratio Lower Upper
42 100
74 135.5 89.1 133.7#
44 8.4 6.4 9.6

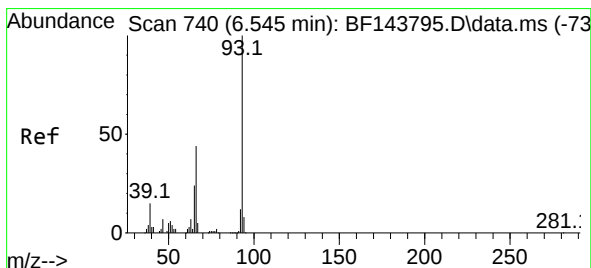
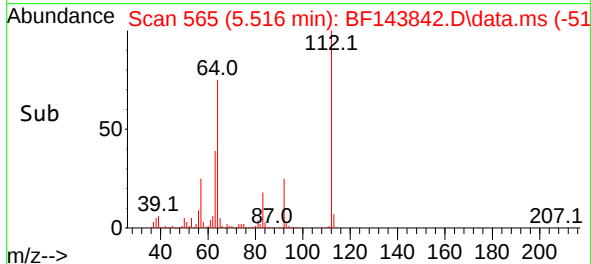
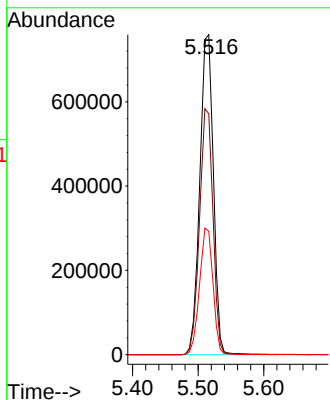
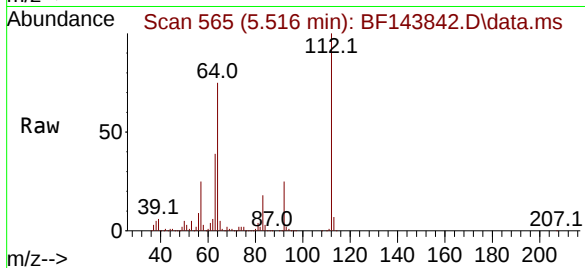




#5
2-Fluorophenol
Concen: 135.310 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

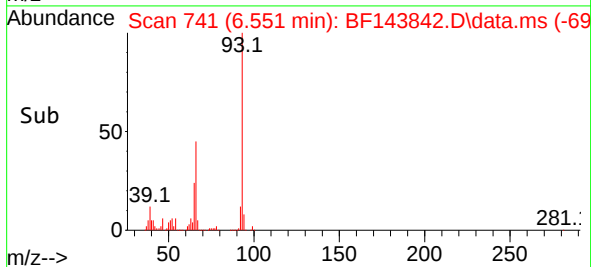
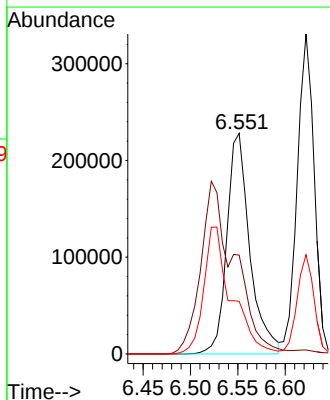
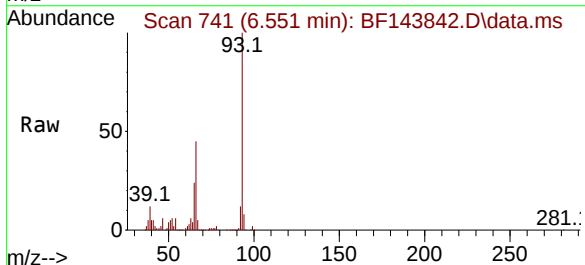
Instrument :
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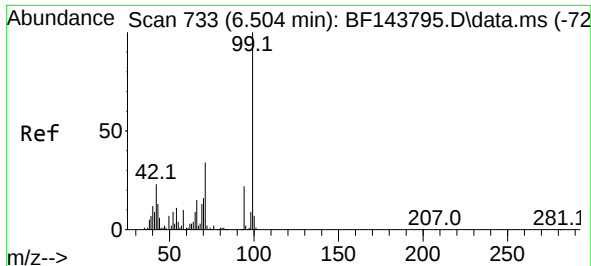
Tgt Ion:112 Resp: 1098053
Ion Ratio Lower Upper
112 100
64 75.3 63.0 94.4
63 38.6 32.6 49.0



#6
Aniline
Concen: 28.259 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 93 Resp: 384576
Ion Ratio Lower Upper
93 100
66 44.9 37.1 55.7
65 23.8 19.4 29.0





#7

Phenol-d6

Concen: 138.198 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

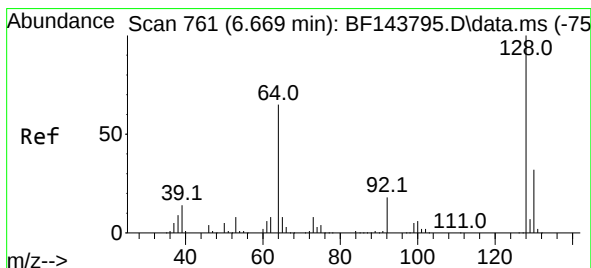
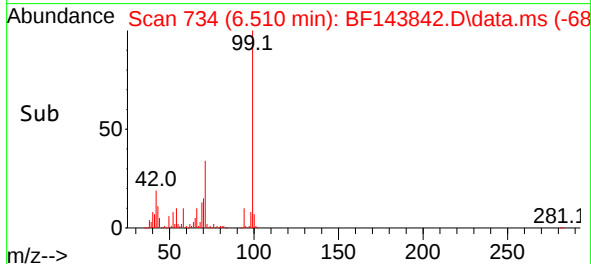
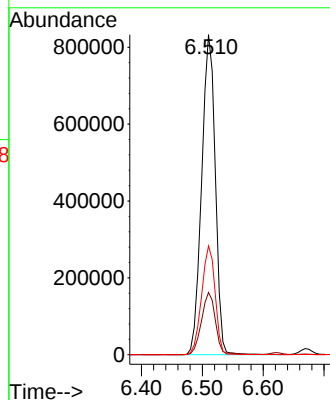
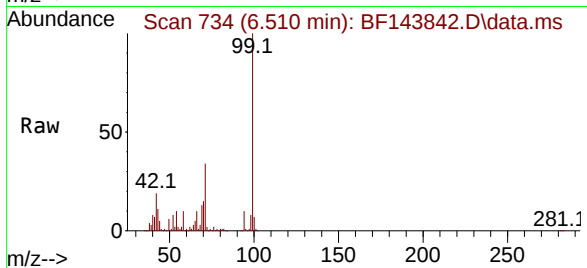
Tgt Ion: 99 Resp: 1295810

Ion Ratio Lower Upper

99 100

42 19.5 18.6 28.0

71 34.0 27.0 40.4



#8

2-Chlorophenol

Concen: 49.800 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143842.D

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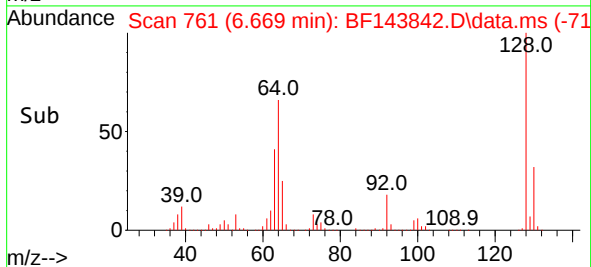
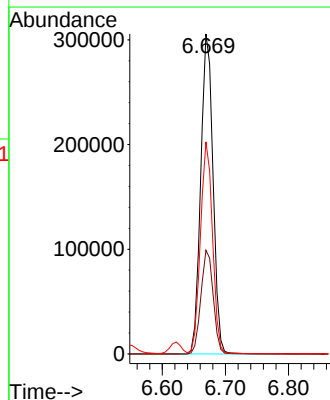
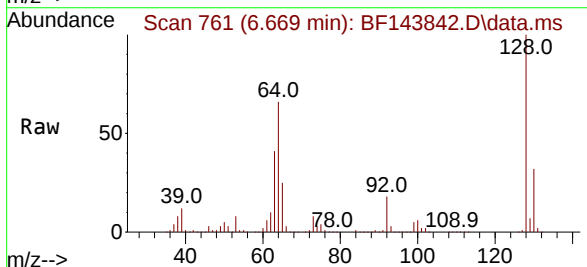
Tgt Ion:128 Resp: 413724

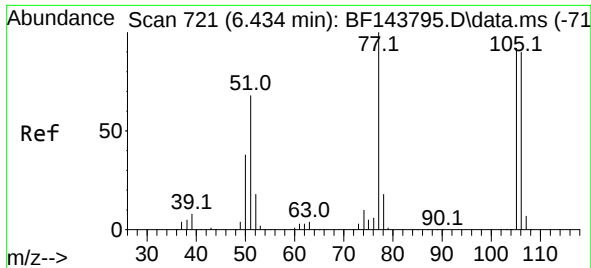
Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

64 66.3 46.5 86.5





#9

Benzaldehyde

Concen: 16.909 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

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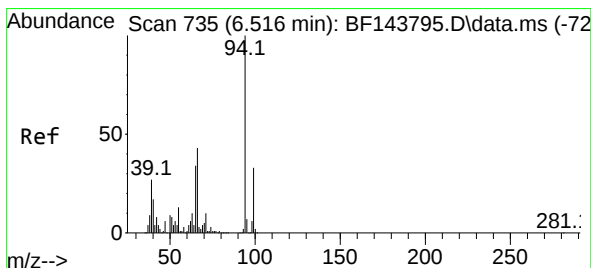
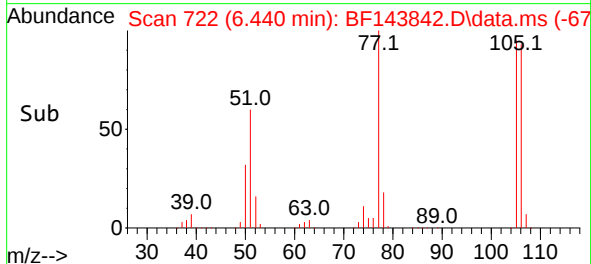
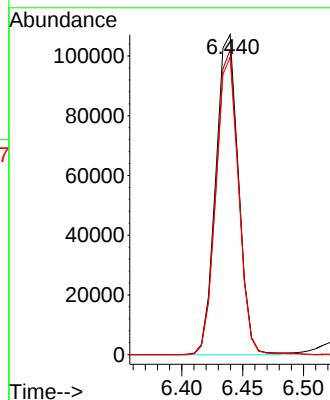
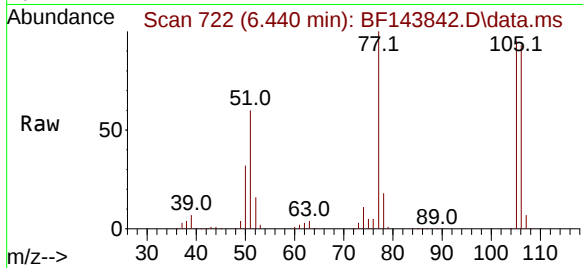
Tgt Ion: 77 Resp: 138845

Ion Ratio Lower Upper

77 100

105 95.2 71.8 111.8

106 93.0 69.8 109.8



#10

Phenol

Concen: 47.561 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

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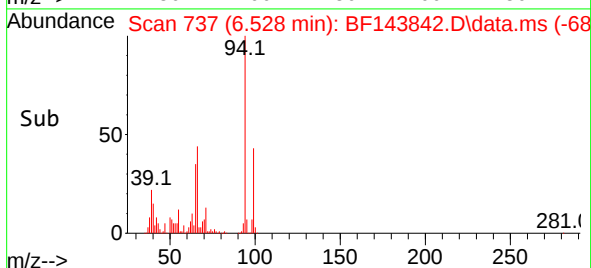
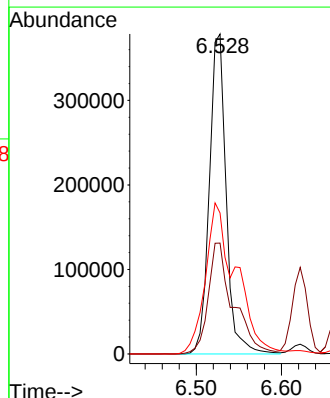
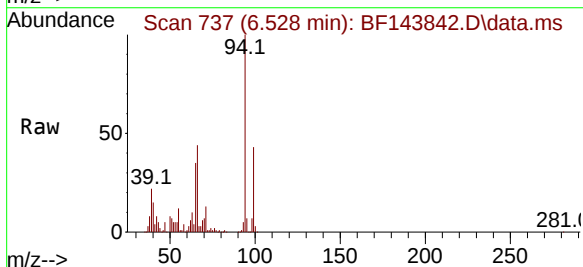
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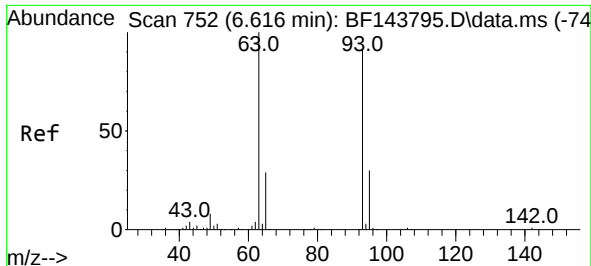
Ion Ratio Lower Upper

94 100

65 34.6 14.2 54.2

66 44.0 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 48.311 ng

RT: 6.622 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

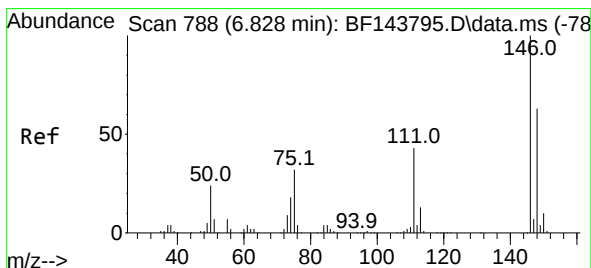
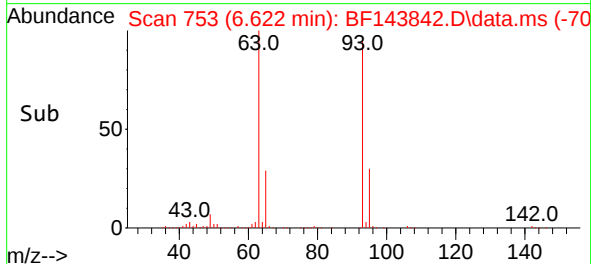
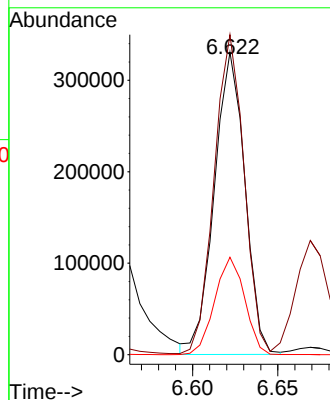
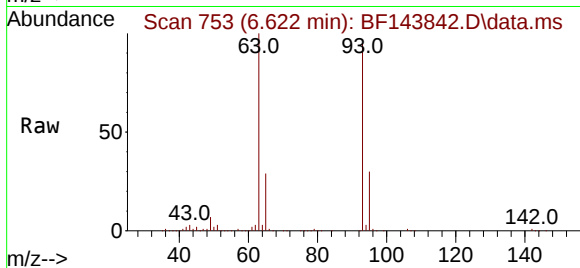
Tgt Ion: 93 Resp: 412739

Ion Ratio Lower Upper

93 100

63 105.7 89.2 129.2

95 32.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 43.579 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

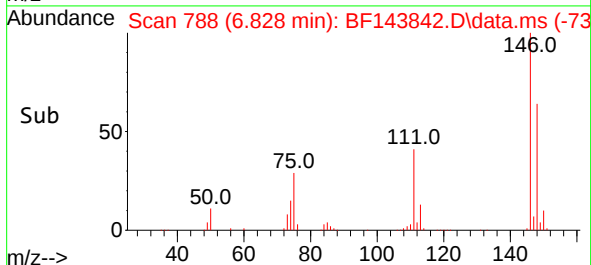
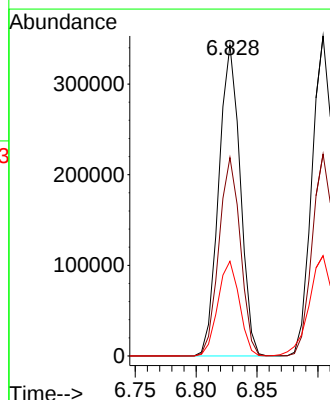
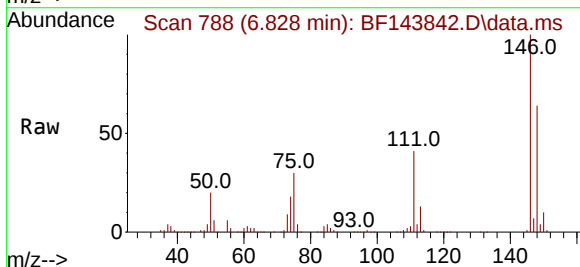
Tgt Ion:146 Resp: 420354

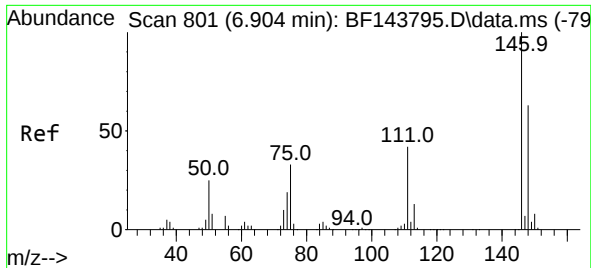
Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

75 30.5 25.6 38.4

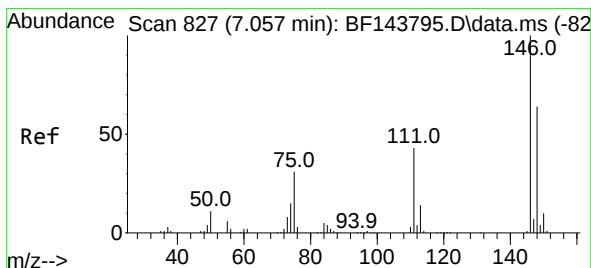
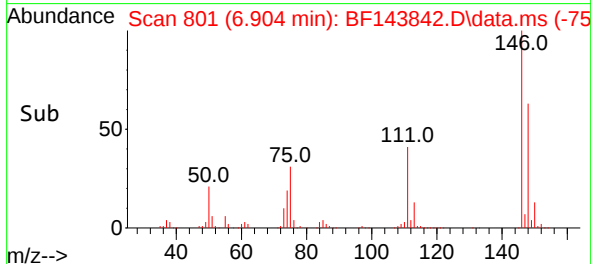
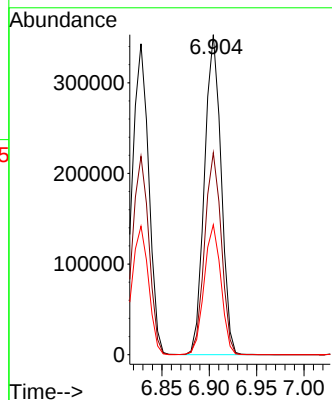
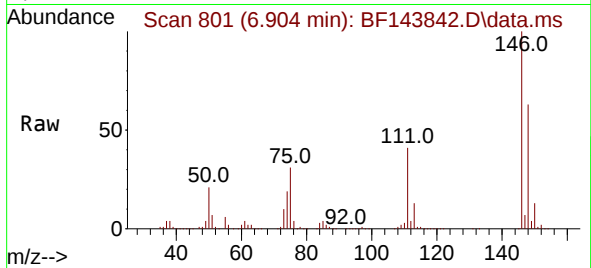




#13
1,4-Dichlorobenzene
Concen: 44.721 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

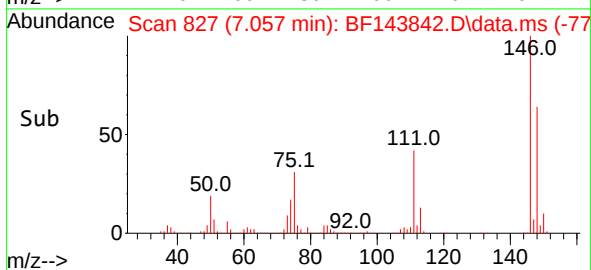
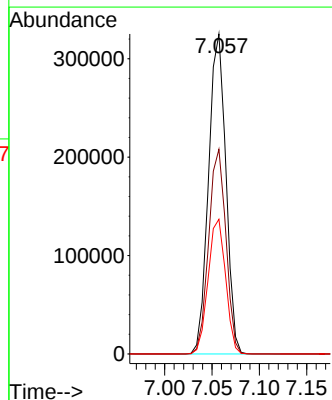
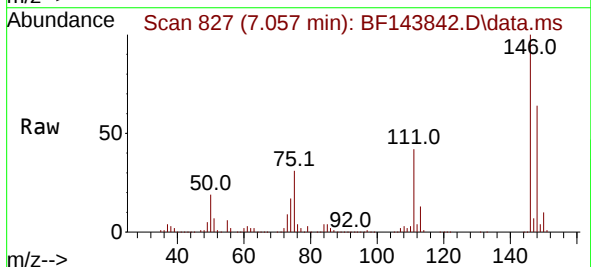
Instrument :
BNA_F
ClientSampleId :
WC-1MS

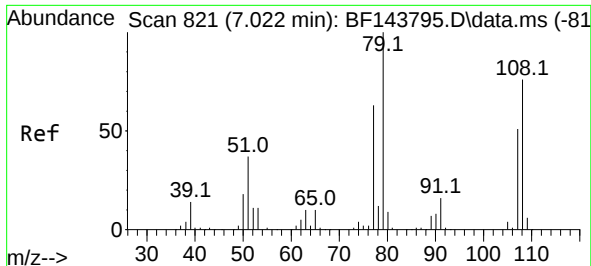
Tgt Ion:146 Resp: 430487
Ion Ratio Lower Upper
146 100
148 63.1 50.7 76.1
111 40.6 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 45.262 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:146 Resp: 412653
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 42.1 34.3 51.5

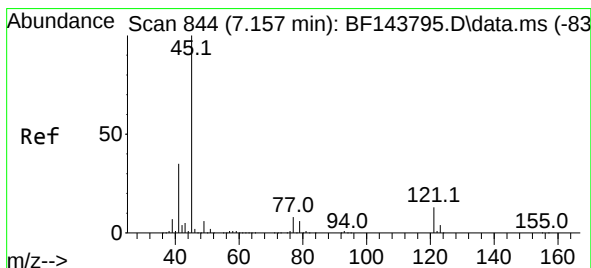
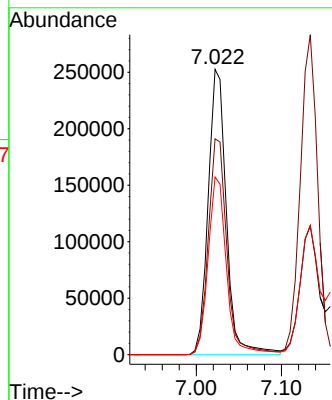
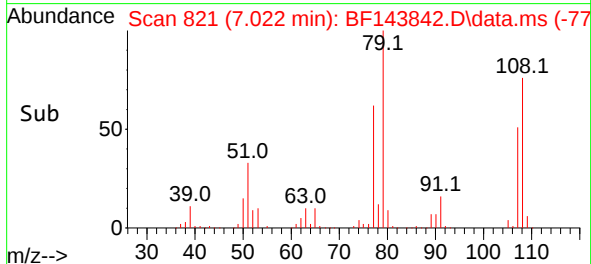
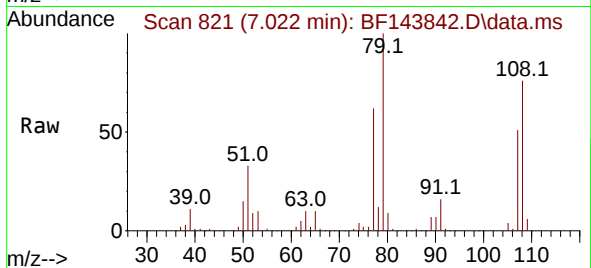




#15
Benzyl Alcohol
Concen: 55.326 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

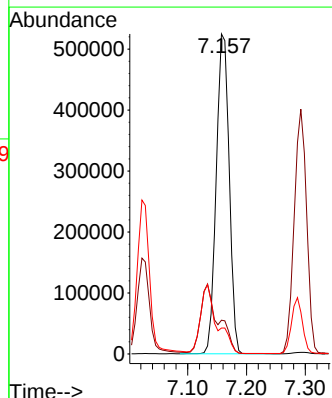
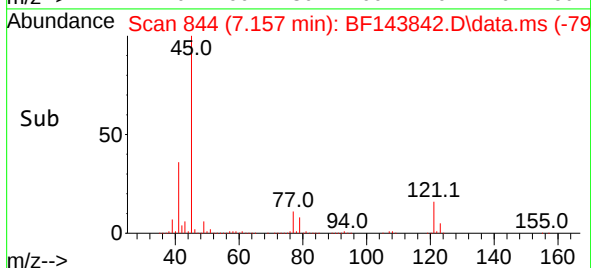
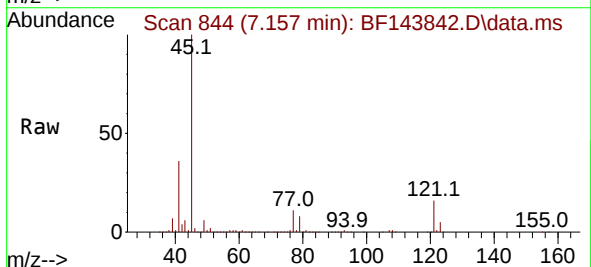
Instrument :
BNA_F
ClientSampleId :
WC-1MS

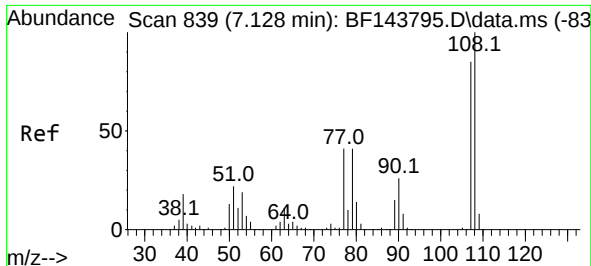
Tgt Ion: 79 Resp: 374842
Ion Ratio Lower Upper
79 100
108 75.6 60.5 90.7
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.463 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 45 Resp: 799444
Ion Ratio Lower Upper
45 100
77 10.6 0.0 28.5
79 8.1 0.0 26.3

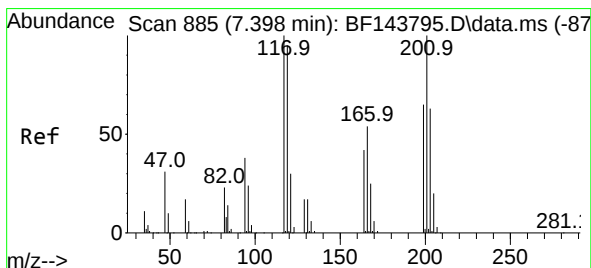
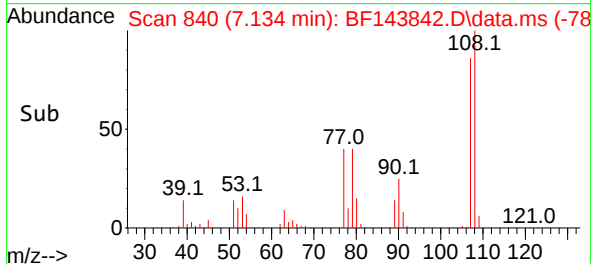
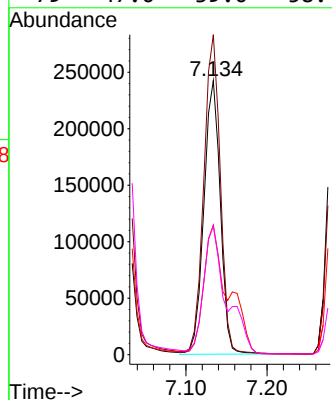
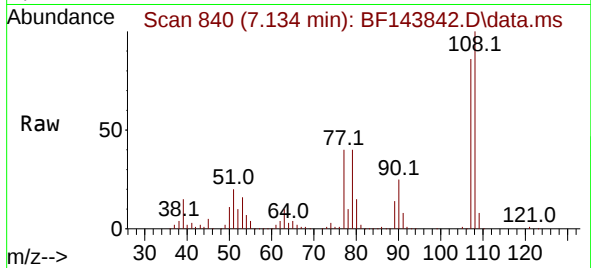




#17
2-Methylphenol
Concen: 52.857 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

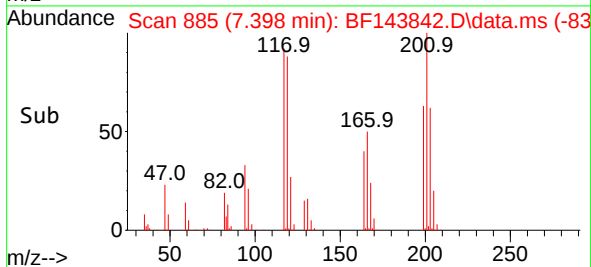
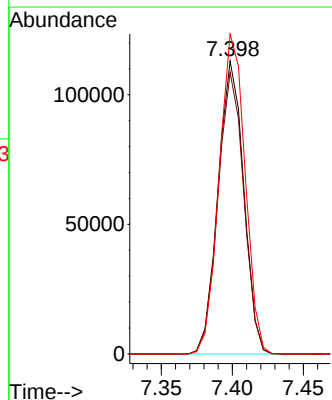
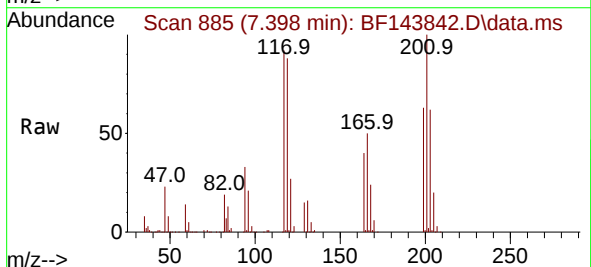
Instrument :
BNA_F
ClientSampleId :
WC-1MS

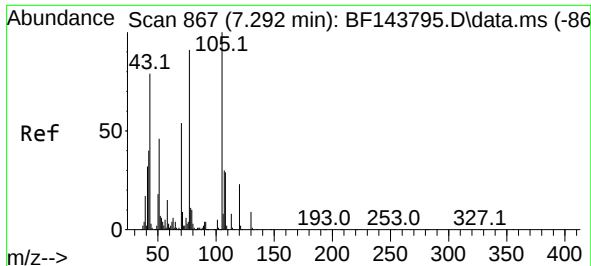
Tgt Ion:107 Resp: 339964
Ion Ratio Lower Upper
107 100
108 116.8 94.2 141.4
77 47.3 38.6 58.0
79 47.0 39.0 58.4



#18
Hexachloroethane
Concen: 41.952 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:117 Resp: 142020
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
201 109.2 79.7 119.5

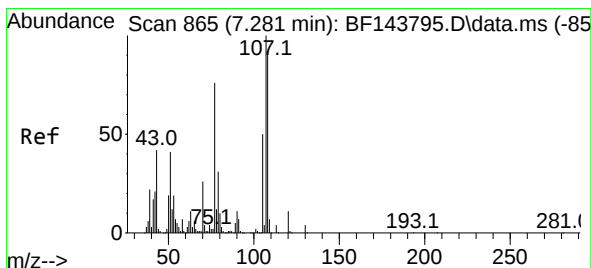
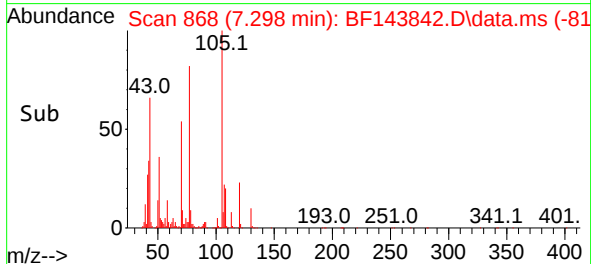
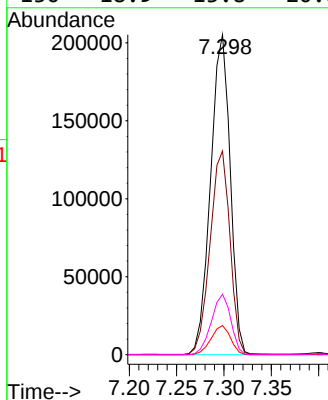
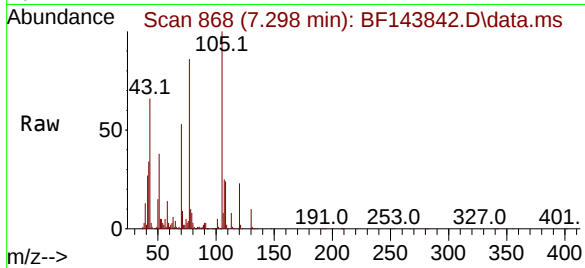




#19
n-Nitroso-di-n-propylamine
Concen: 49.136 ng
RT: 7.298 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

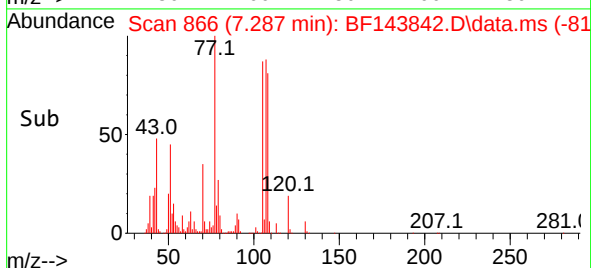
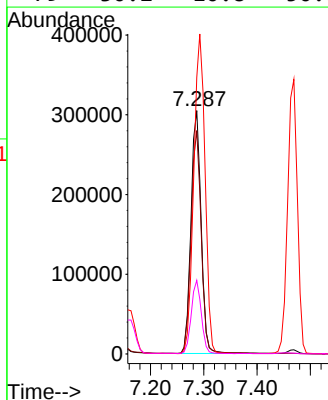
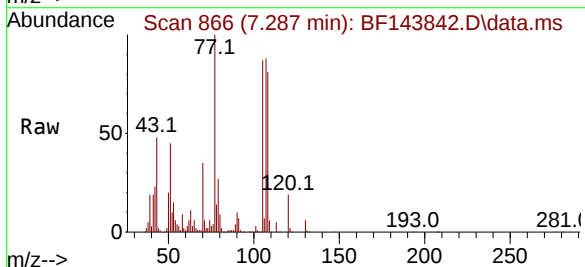
Instrument :
BNA_F
ClientSampleId :
WC-1MS

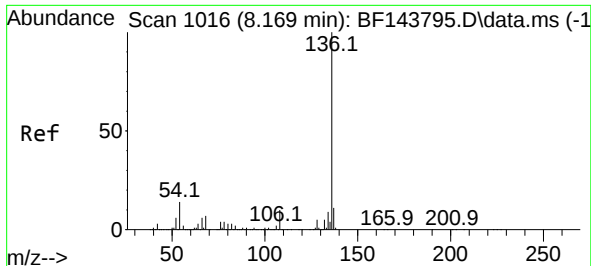
Tgt Ion: 70 Resp: 296269
Ion Ratio Lower Upper
70 100
42 63.7 59.4 89.0
101 9.1 7.1 10.7
130 18.9 13.8 20.8



#20
3+4-Methylphenols
Concen: 51.676 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 107 Resp: 404757
Ion Ratio Lower Upper
107 100
108 91.8 72.5 112.5
77 113.5 56.2 96.2#
79 30.2 10.8 50.8

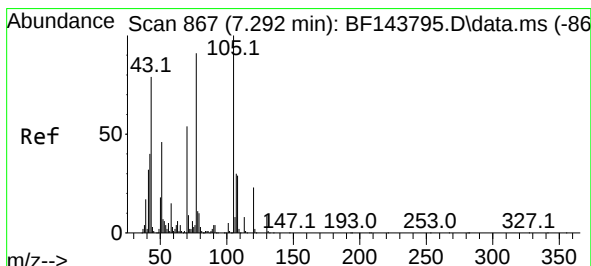
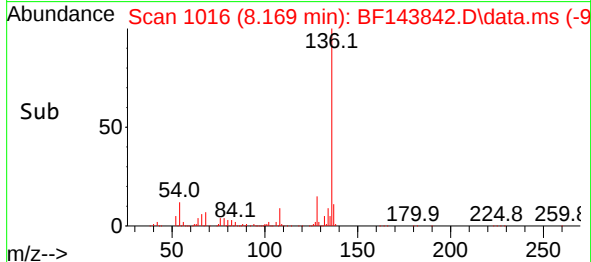
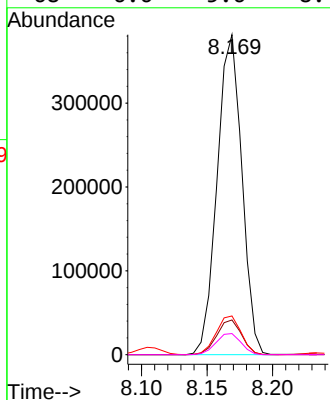
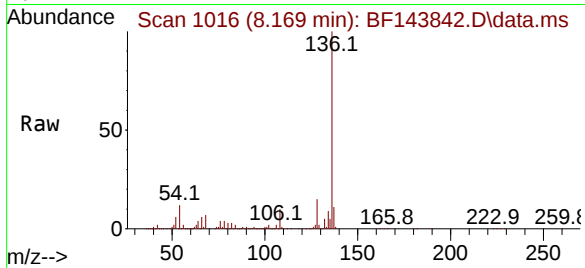




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

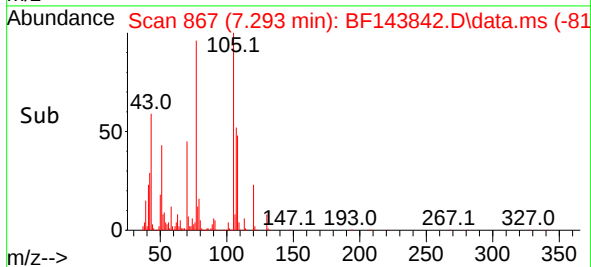
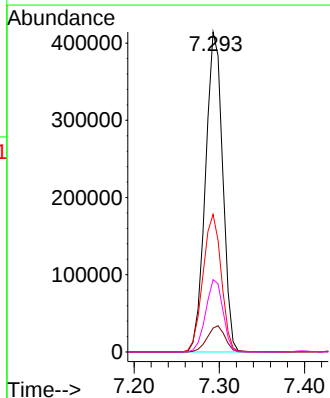
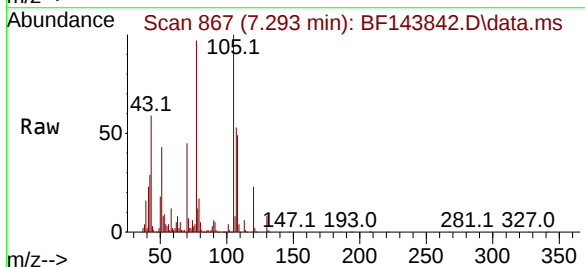
Instrument :
BNA_F
ClientSampleId :
WC-1MS

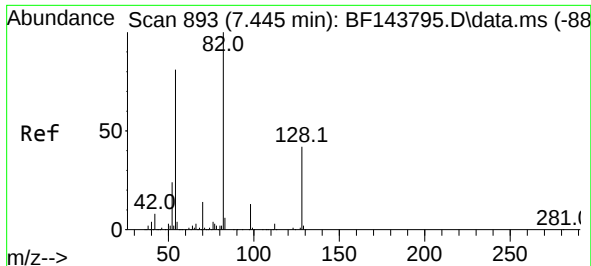
Tgt Ion:	136	Resp:	500175
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	12.1	11.2	16.8
68	6.6	5.6	8.4



#22
Acetophenone
Concen: 52.950 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:	105	Resp:	581695
Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.0	10.4
51	43.0	36.6	55.0
120	22.6	18.1	27.1

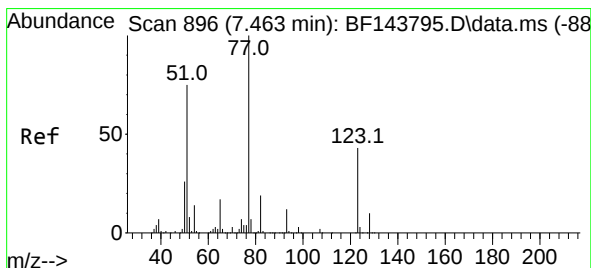
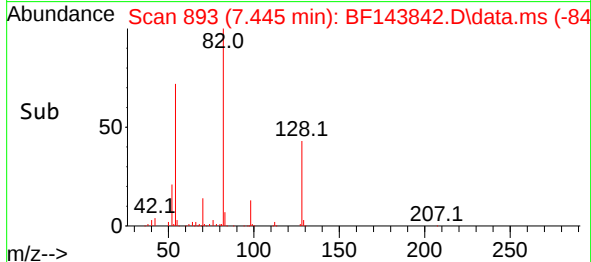
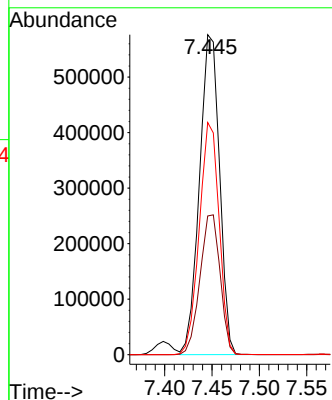
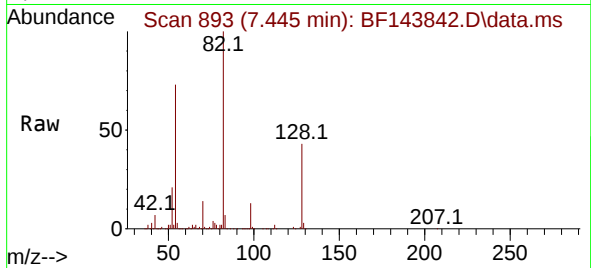




#23
Nitrobenzene-d5
Concen: 104.080 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

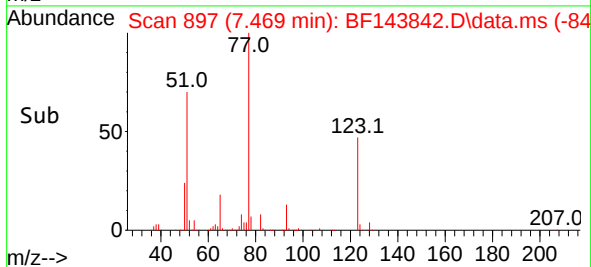
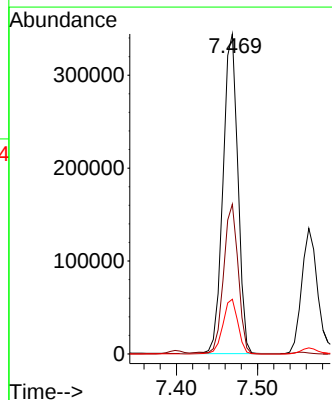
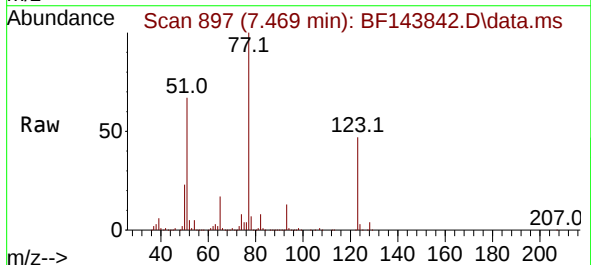
Instrument :
BNA_F
ClientSampleId :
WC-1MS

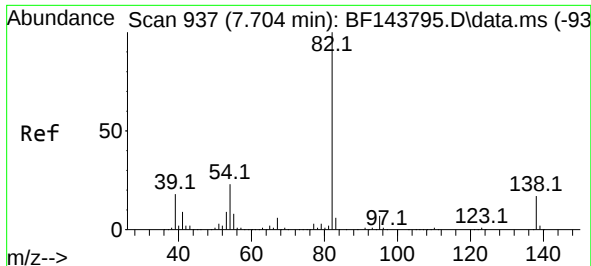
Tgt Ion: 82 Resp: 850466
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 72.5 64.2 96.4



#24
Nitrobenzene
Concen: 48.417 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 77 Resp: 438526
Ion Ratio Lower Upper
77 100
123 46.8 34.0 51.0
65 17.1 13.5 20.3

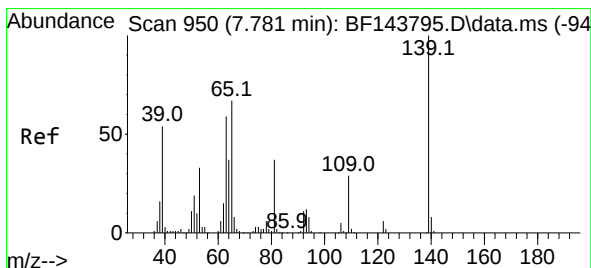
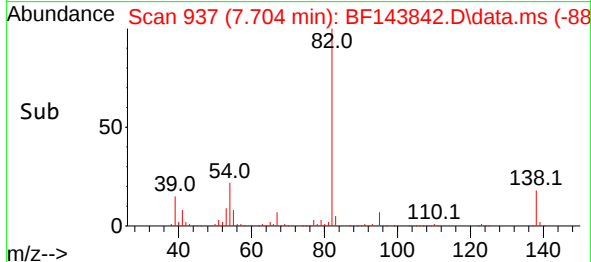
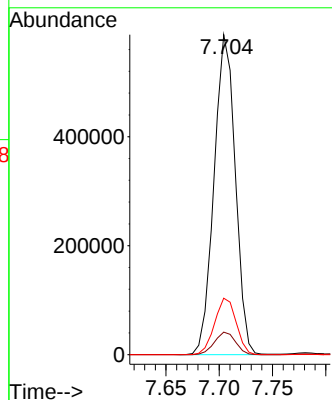
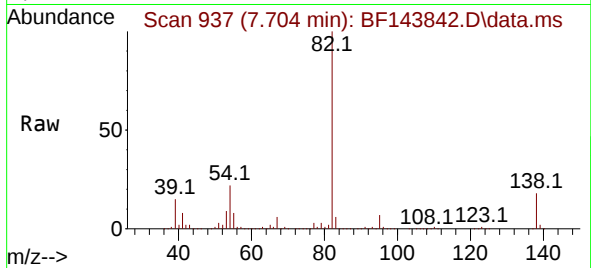




#25
Isophorone
Concen: 51.137 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

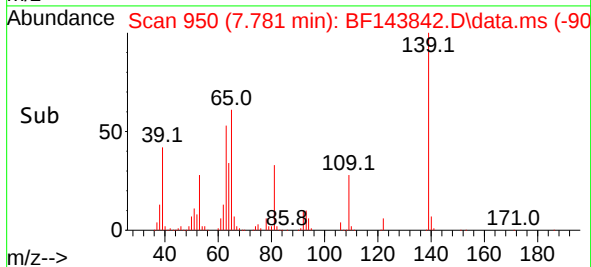
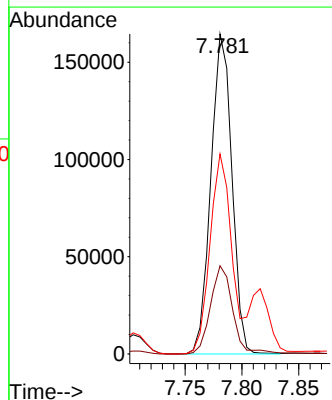
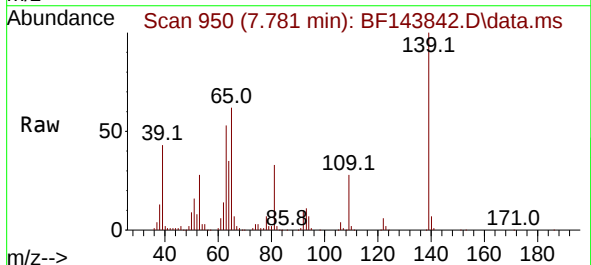
Instrument :
BNA_F
ClientSampleId :
WC-1MS

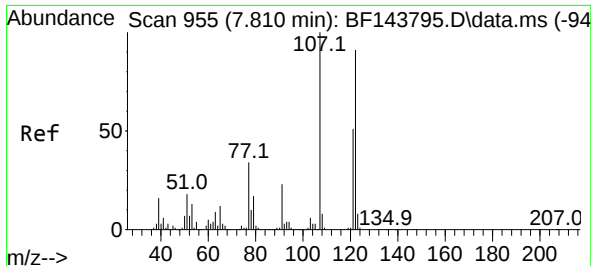
Tgt Ion: 82 Resp: 814261
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 56.509 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 139 Resp: 212020
Ion Ratio Lower Upper
139 100
109 27.6 23.3 34.9
65 62.5 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 55.757 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

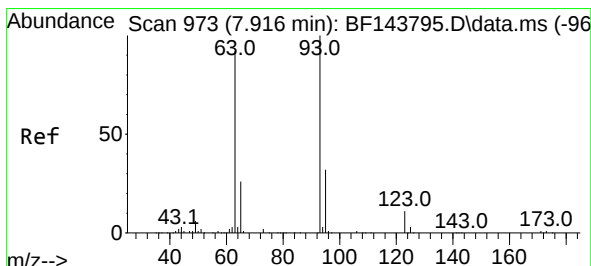
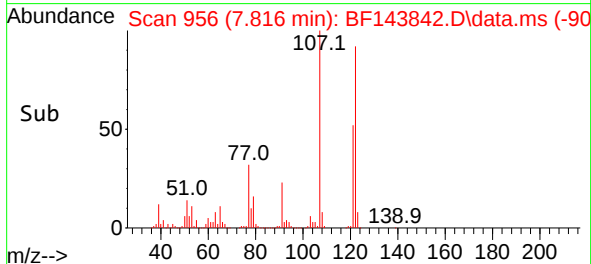
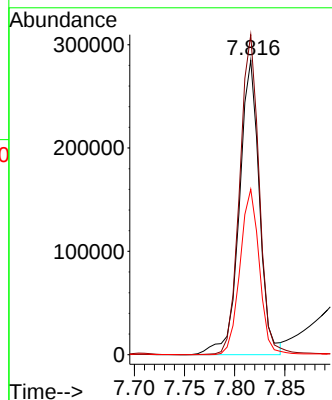
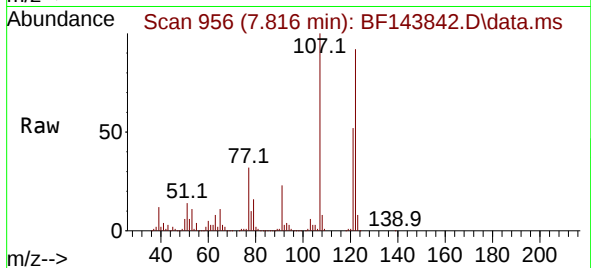
Tgt Ion:122 Resp: 396823

Ion Ratio Lower Upper

122 100

107 108.7 87.5 131.3

121 56.2 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 49.439 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

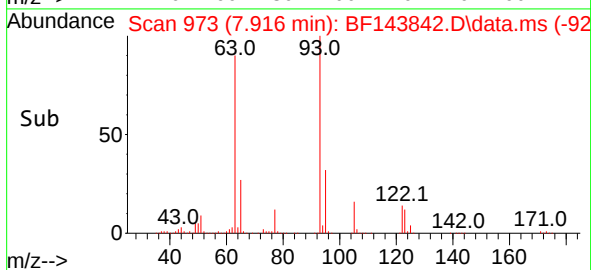
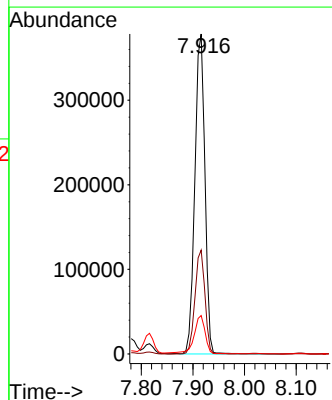
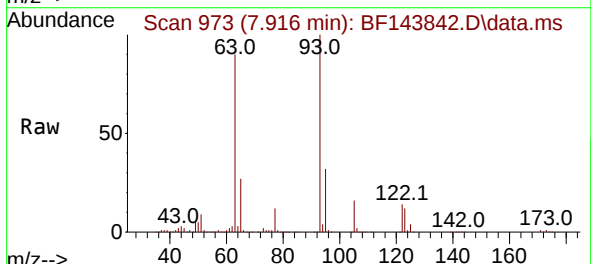
Tgt Ion: 93 Resp: 511452

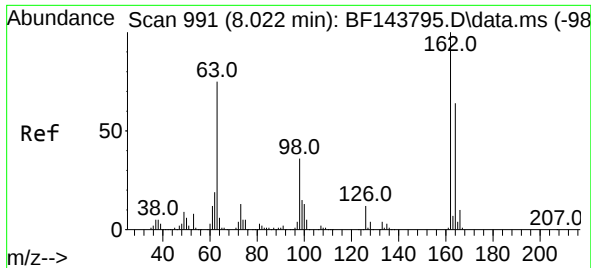
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.291 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

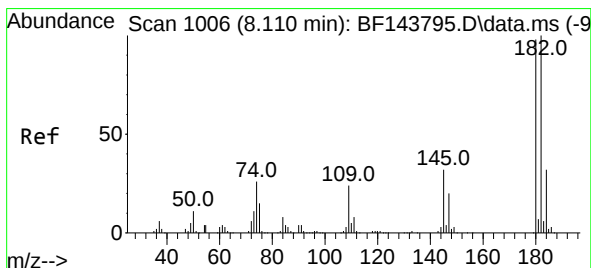
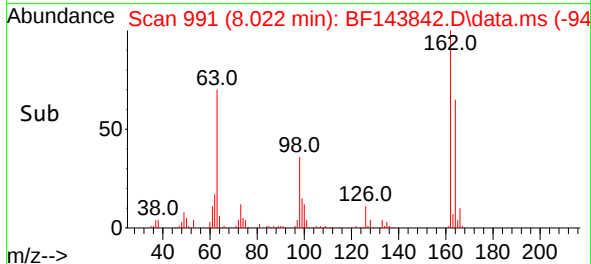
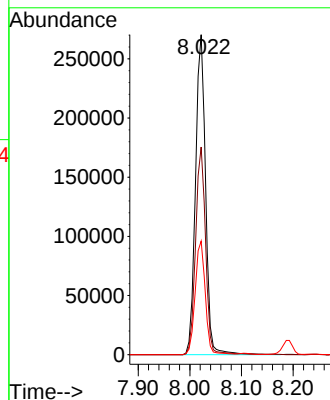
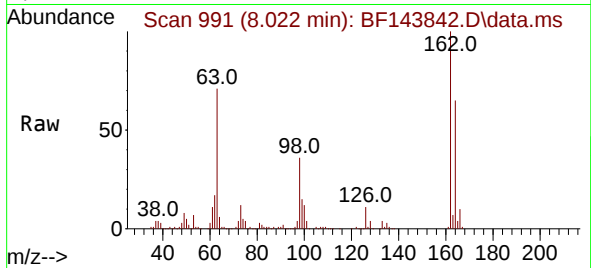
Tgt Ion:162 Resp: 366193

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

98 35.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 50.641 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

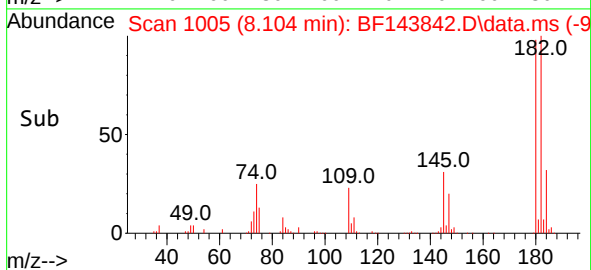
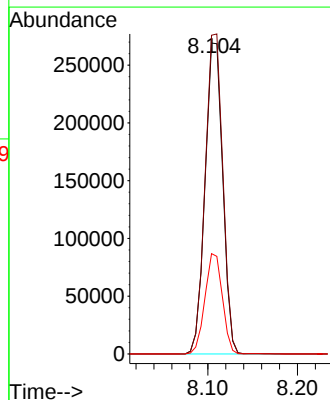
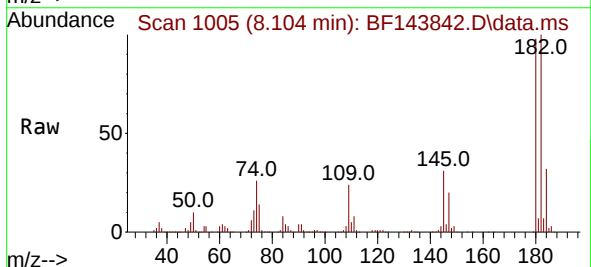
Tgt Ion:180 Resp: 368034

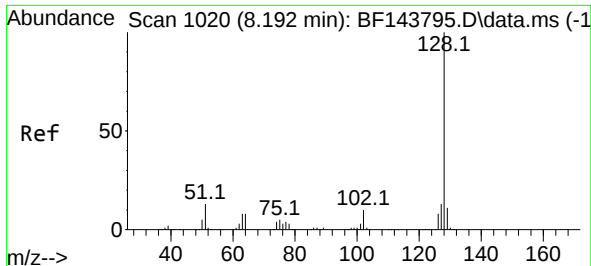
Ion Ratio Lower Upper

180 100

182 102.5 82.0 123.0

145 32.3 25.9 38.9

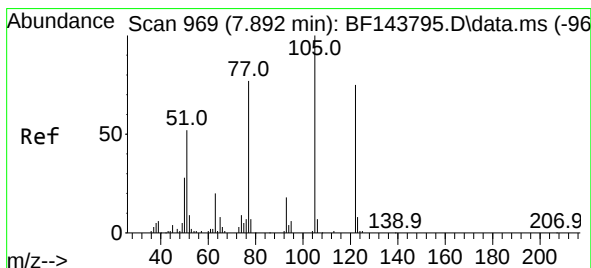
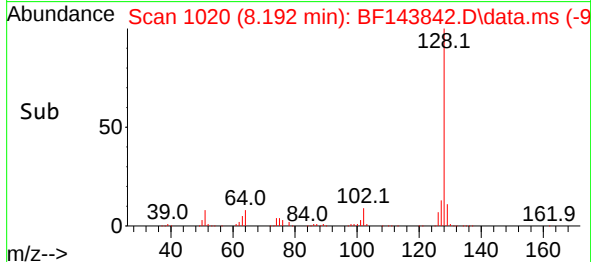
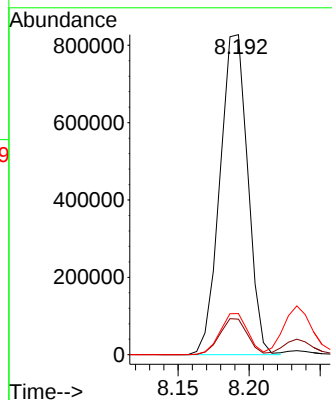
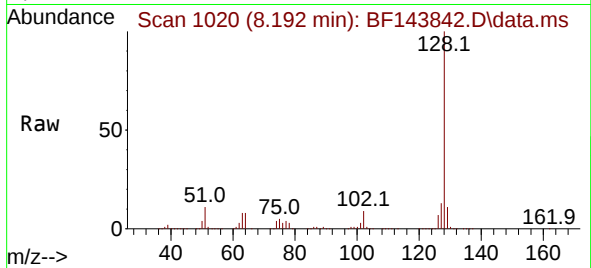




#31
Naphthalene
Concen: 47.064 ng
RT: 8.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

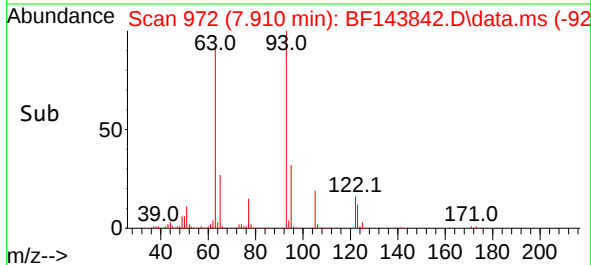
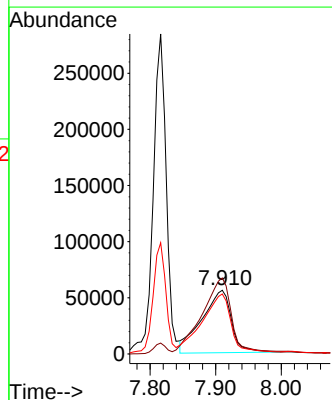
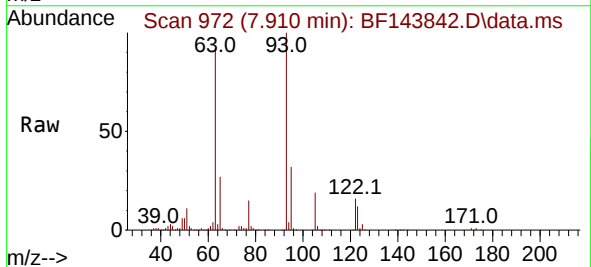
Instrument :
BNA_F
ClientSampleId :
WC-1MS

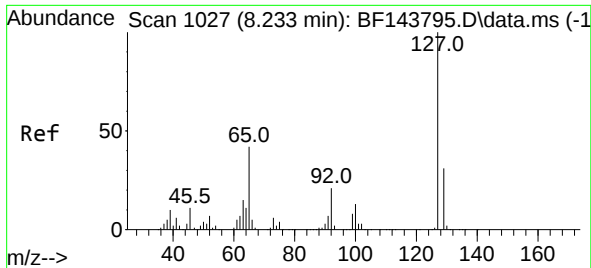
Tgt Ion:128 Resp: 1126912
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 50.872 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:122 Resp: 174685
Ion Ratio Lower Upper
122 100
105 119.3 103.7 143.7
77 94.1 78.8 118.8

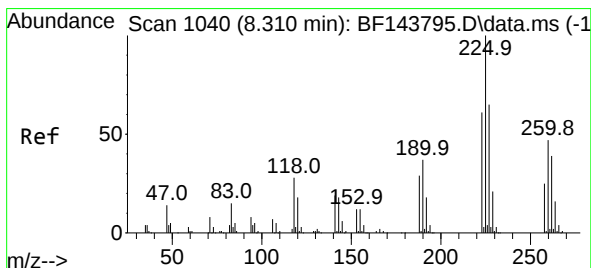
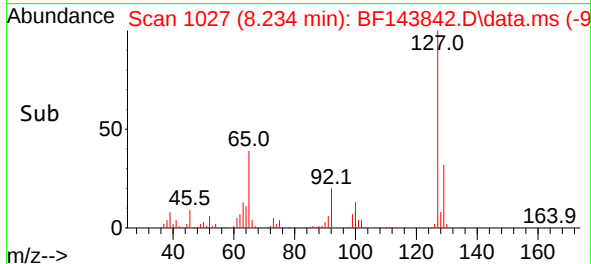
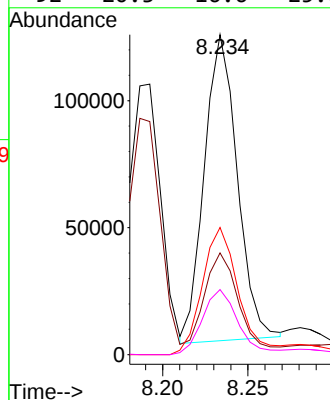
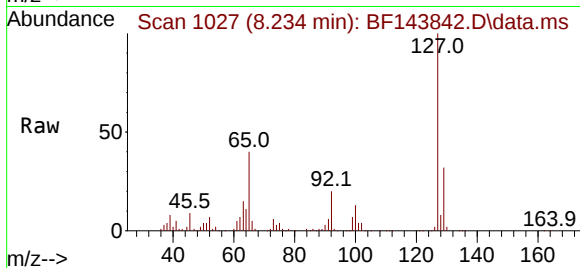




#33
4-Chloroaniline
Concen: 19.279 ng
RT: 8.234 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

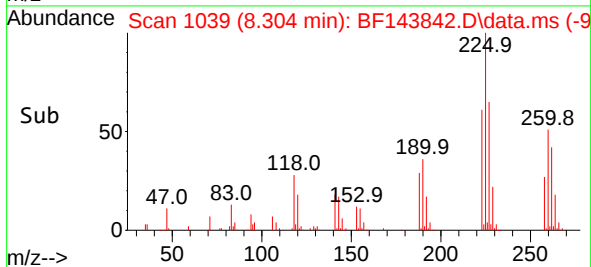
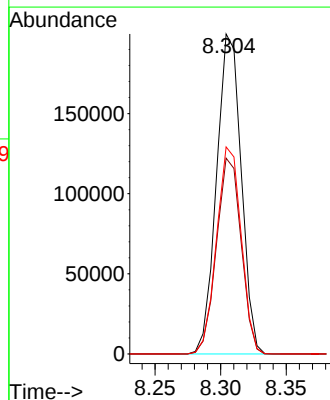
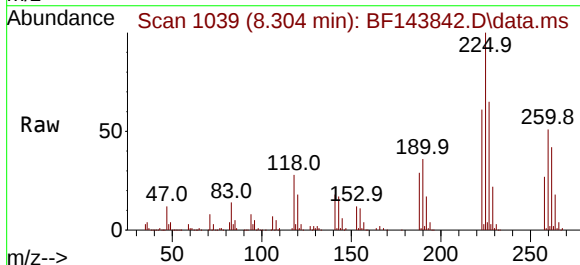
Instrument :
BNA_F
ClientSampleId :
WC-1MS

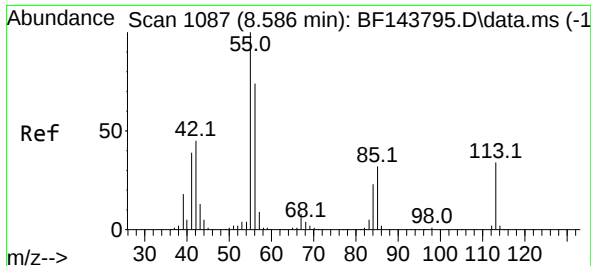
Tgt Ion:	127	Resp:	162222
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	39.7	33.4	50.2
92	20.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 48.137 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:	225	Resp:	260791
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.6	72.8
227	64.7	51.9	77.9

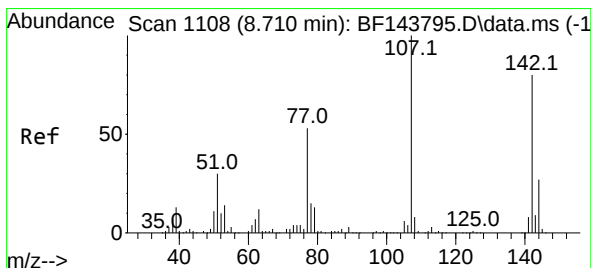
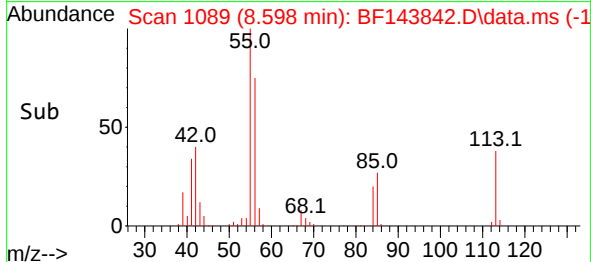
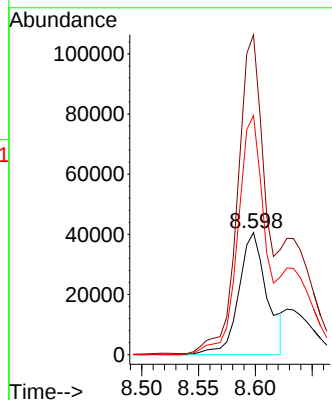
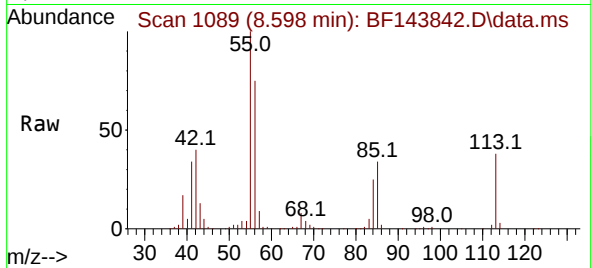




#35
 Caprolactam
 Concen: 39.310 ng
 RT: 8.598 min Scan# 1087
 Delta R.T. -0.012 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

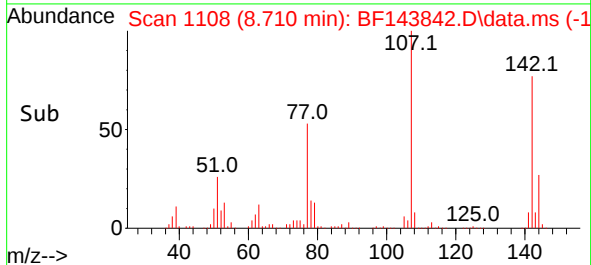
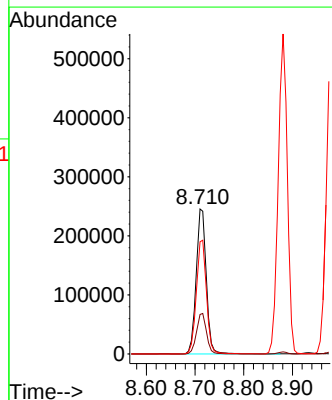
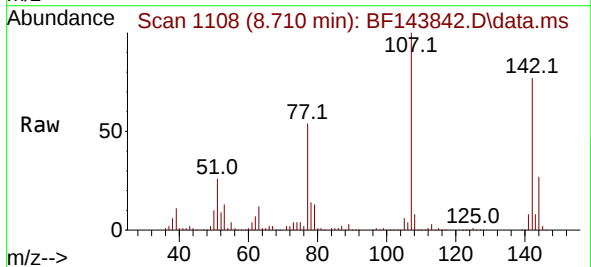
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

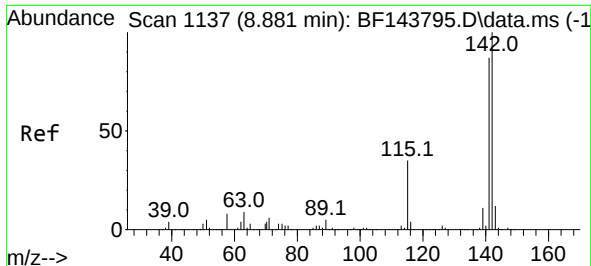
Tgt Ion:113 Resp: 70362
 Ion Ratio Lower Upper
 113 100
 55 262.0 271.7 311.7#
 56 195.9 194.5 234.5



#36
 4-Chloro-3-methylphenol
 Concen: 54.322 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

Tgt Ion:107 Resp: 356776
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.8 32.8
 142 77.4 63.6 95.4

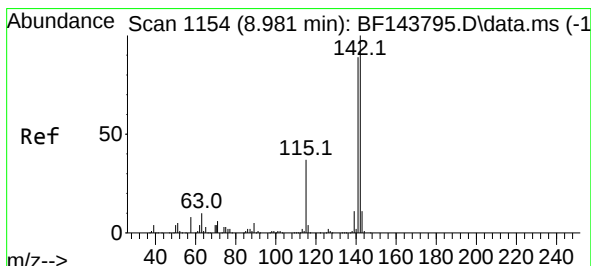
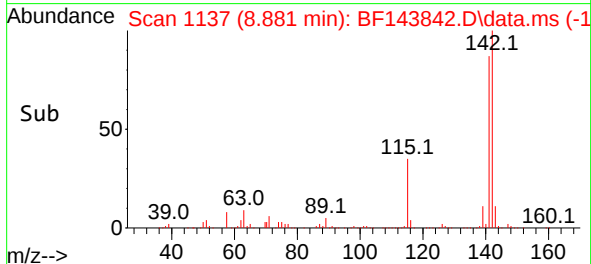
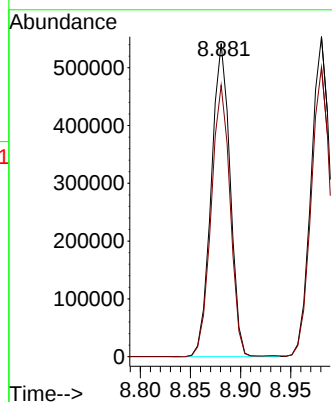
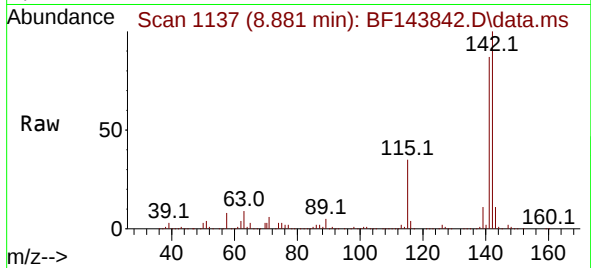




#37
2-Methylnaphthalene
Concen: 46.462 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

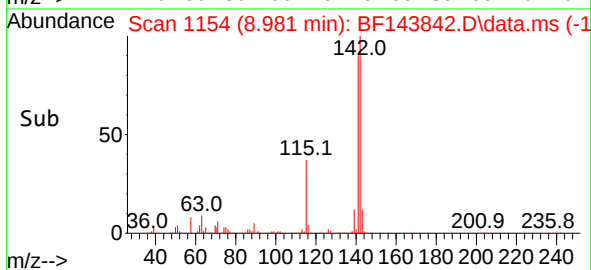
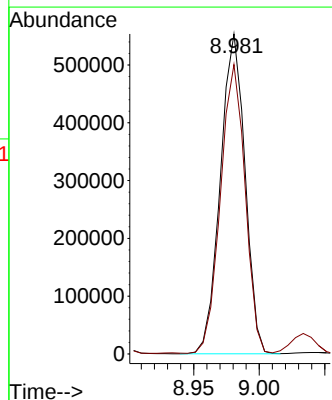
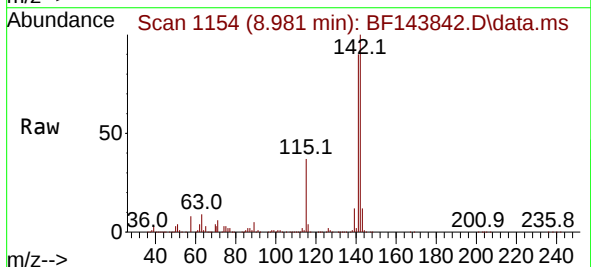
Instrument :
BNA_F
ClientSampleId :
WC-1MS

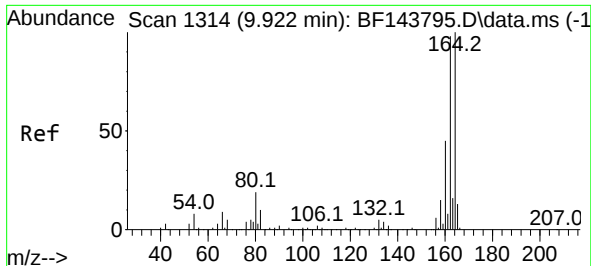
Tgt Ion:142 Resp: 709372
Ion Ratio Lower Upper
142 100
141 86.7 69.4 104.0



#38
1-Methylnaphthalene
Concen: 49.477 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:142 Resp: 723051
Ion Ratio Lower Upper
142 100
141 90.5 71.1 106.7

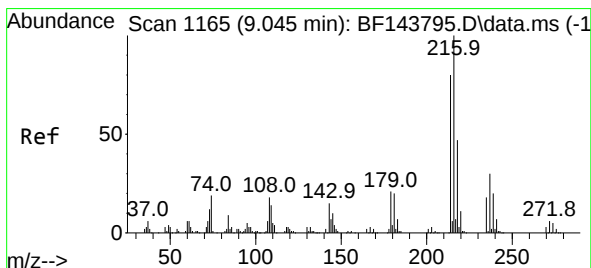
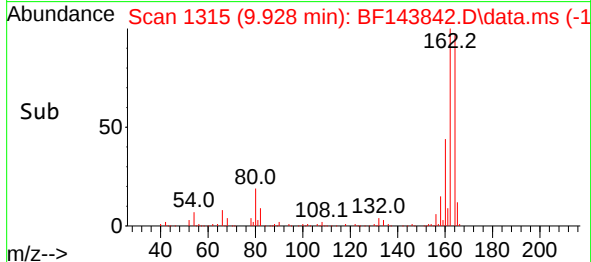
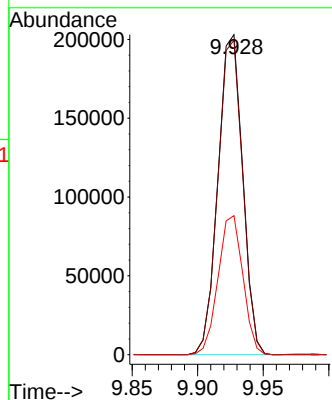
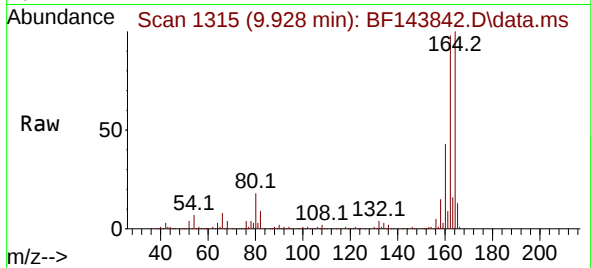




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

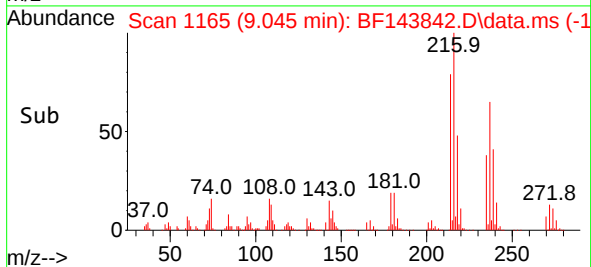
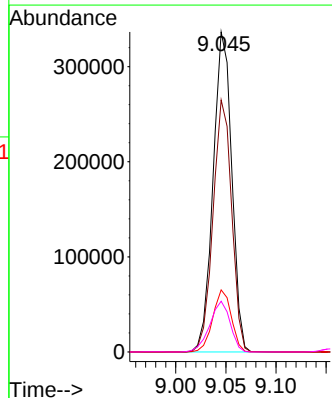
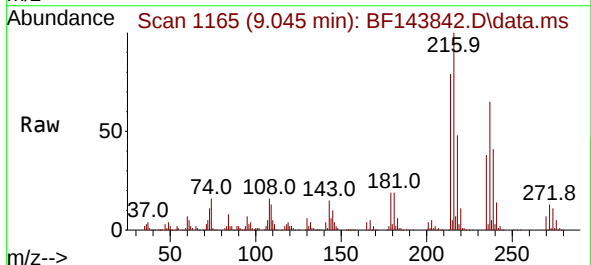
Instrument :
BNA_F
ClientSampleId :
WC-1MS

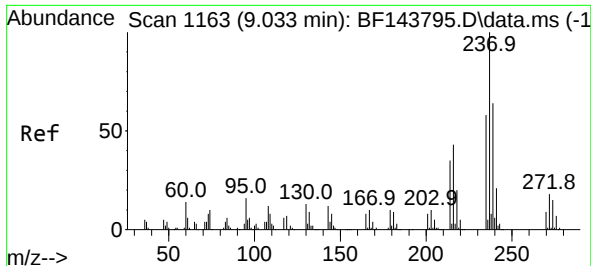
Tgt Ion:164 Resp: 265780
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 43.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.293 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:216 Resp: 435474
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 19.3 16.5 24.7
108 17.4 14.9 22.3

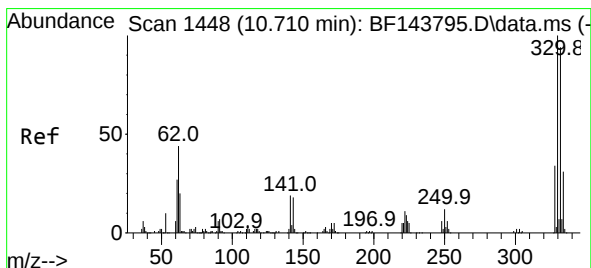
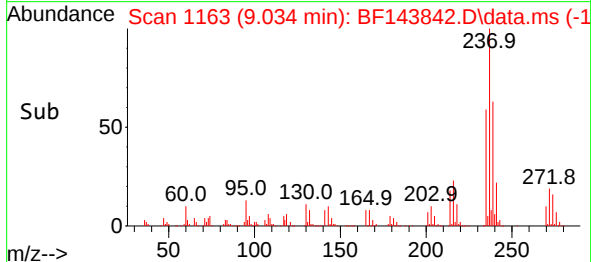
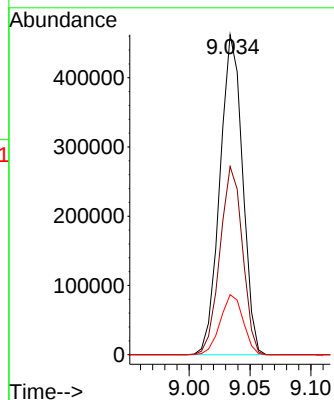
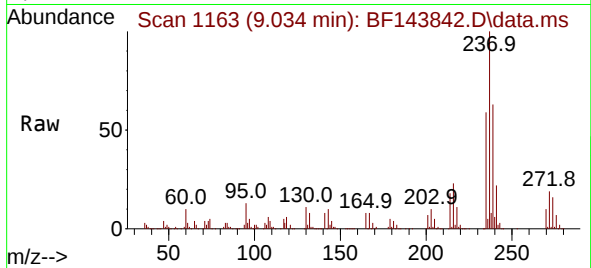




#41
Hexachlorocyclopentadiene
Concen: 117.703 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

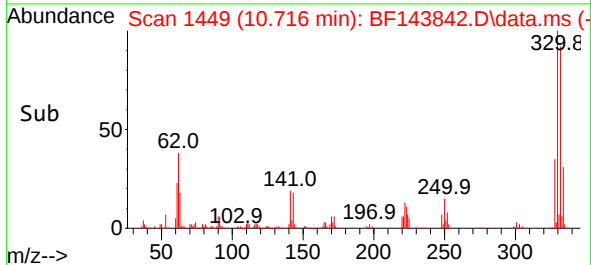
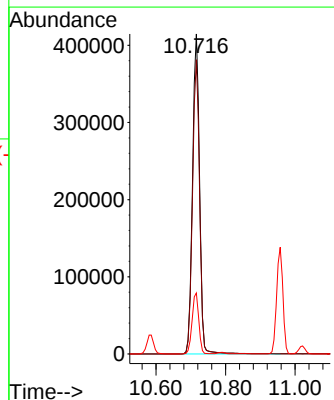
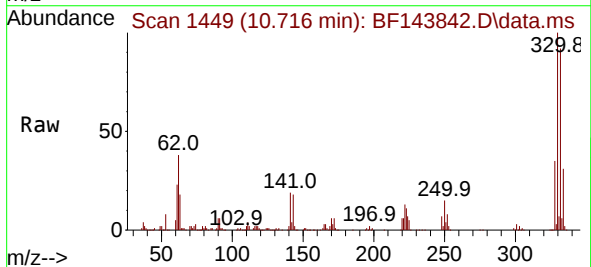
Instrument :
BNA_F
ClientSampleId :
WC-1MS

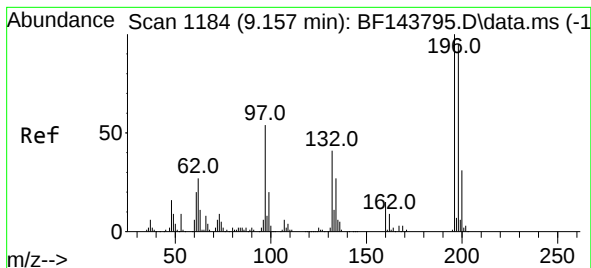
Tgt Ion:237 Resp: 598323
Ion Ratio Lower Upper
237 100
235 58.8 38.1 78.1
272 18.8 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 148.400 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:330 Resp: 583998
Ion Ratio Lower Upper
330 100
332 92.5 74.7 112.1
141 18.1 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 54.928 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

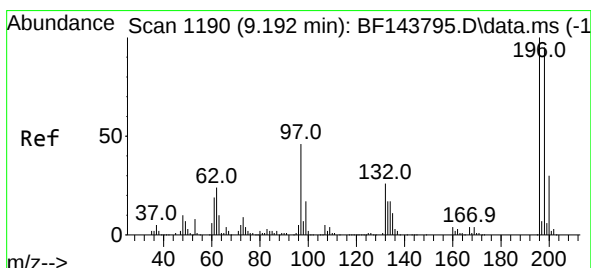
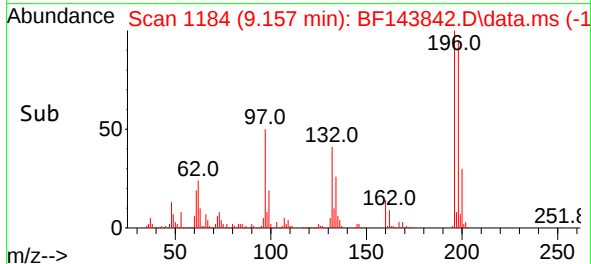
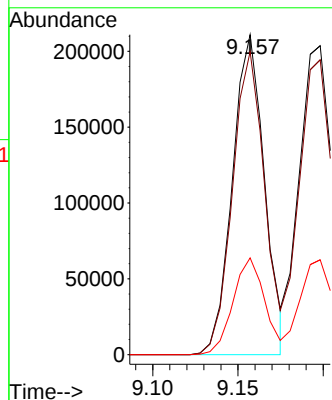
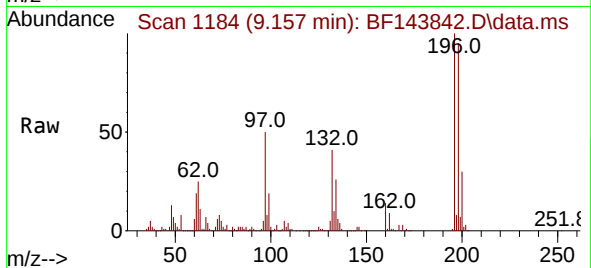
Tgt Ion:196 Resp: 275867

Ion Ratio Lower Upper

196 100

198 94.7 76.2 114.2

200 30.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 54.169 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Tgt Ion:196 Resp: 284564

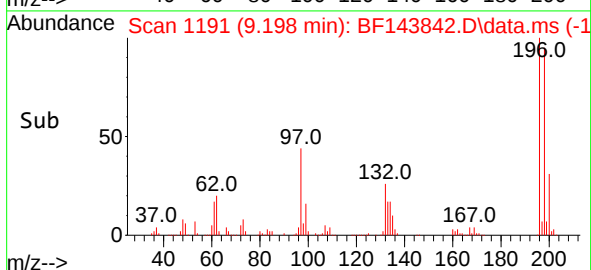
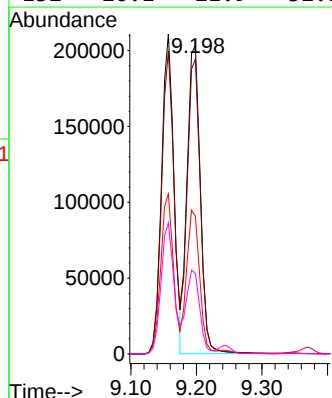
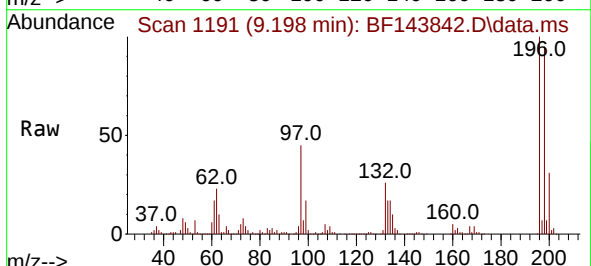
Ion Ratio Lower Upper

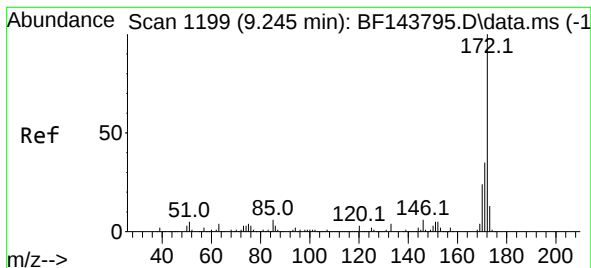
196 100

198 95.4 75.9 113.9

97 44.6 38.3 57.5

132 26.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 99.287 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

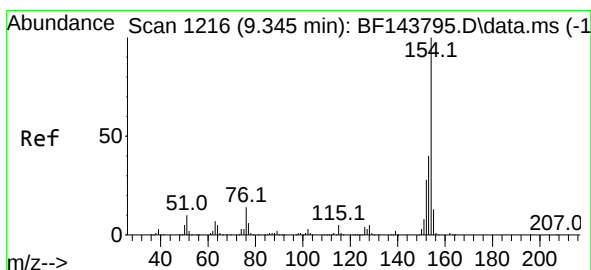
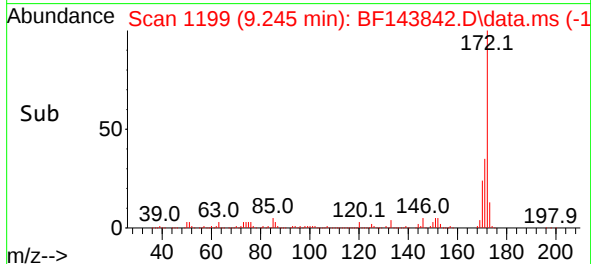
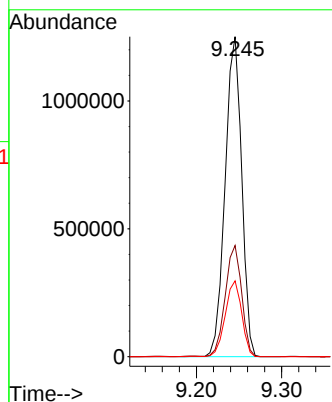
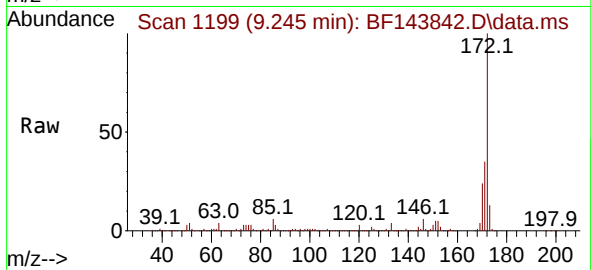
Tgt Ion:172 Resp: 1691025

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 53.042 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

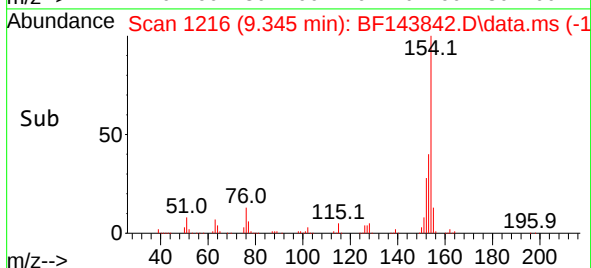
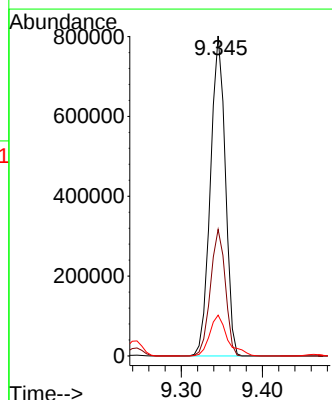
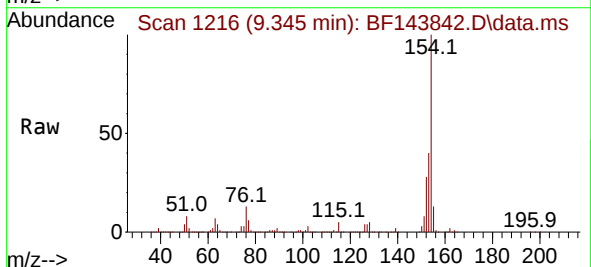
Tgt Ion:154 Resp: 1020475

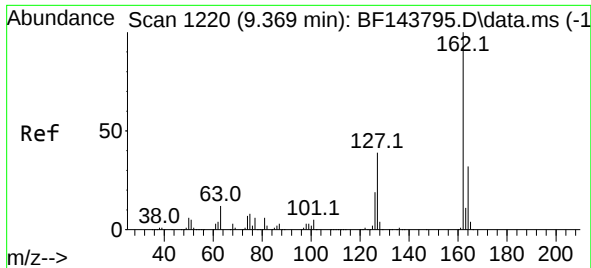
Ion Ratio Lower Upper

154 100

153 39.5 19.7 59.7

76 12.8 0.0 33.8

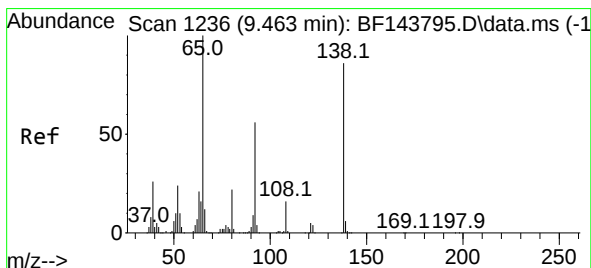
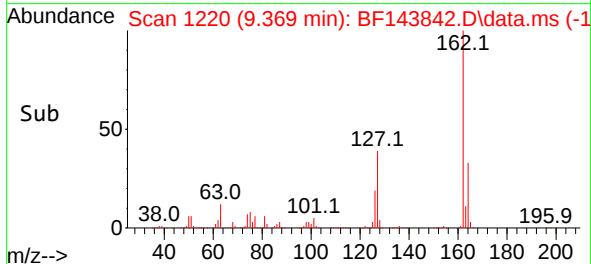
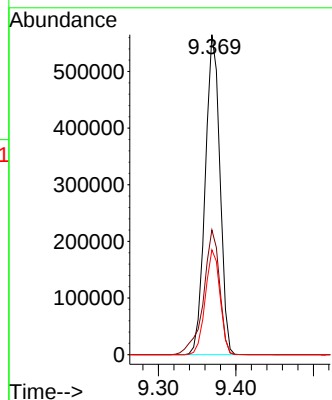
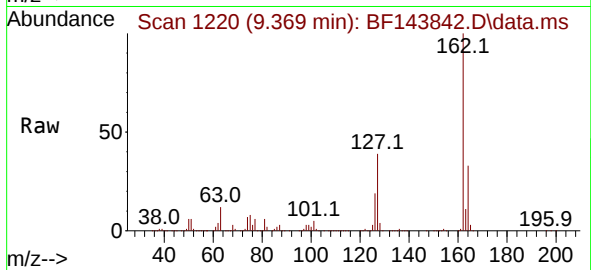




#47
2-Chloronaphthalene
Concen: 47.993 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

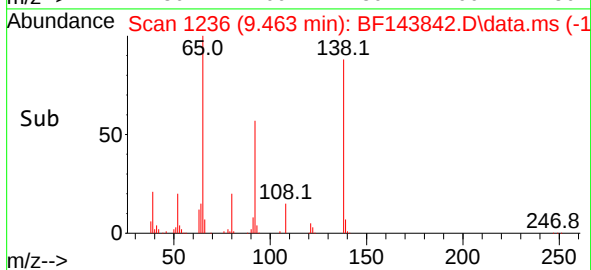
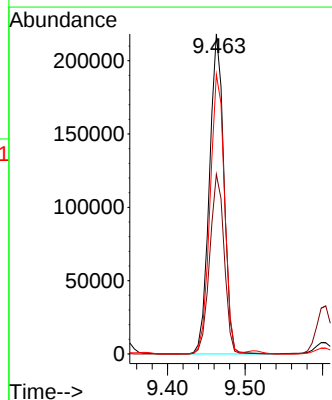
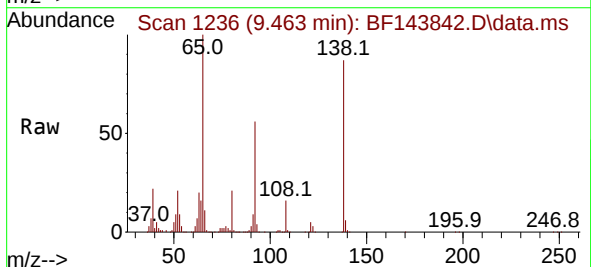
Instrument :
BNA_F
ClientSampleId :
WC-1MS

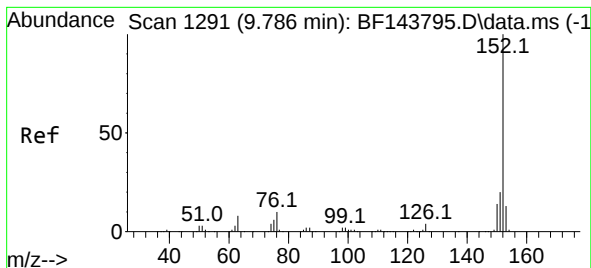
Tgt Ion:162 Resp: 743242
Ion Ratio Lower Upper
162 100
127 39.0 31.5 47.3
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 60.466 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion: 65 Resp: 283018
Ion Ratio Lower Upper
65 100
92 56.1 44.9 67.3
138 87.4 69.0 103.4





#49

Acenaphthylene

Concen: 56.155 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

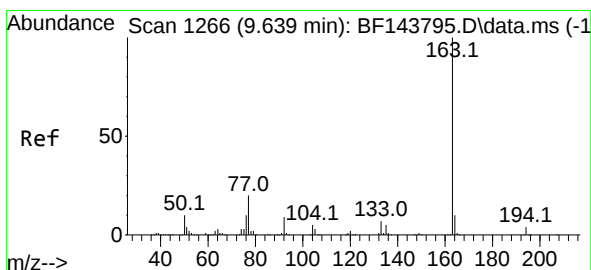
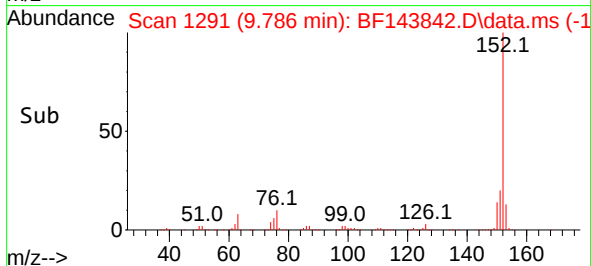
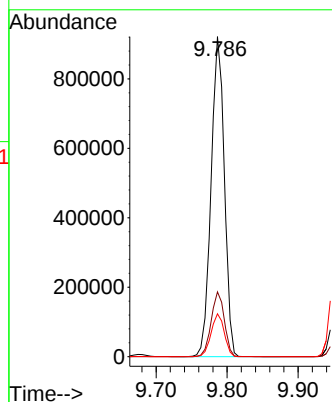
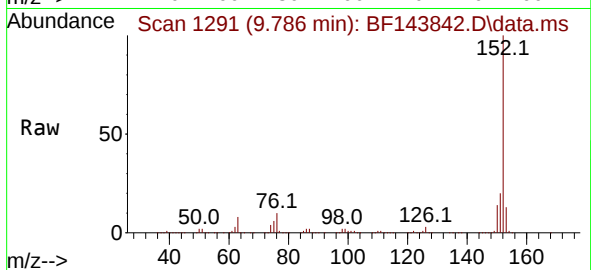
Tgt Ion:152 Resp: 1197203

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 51.432 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

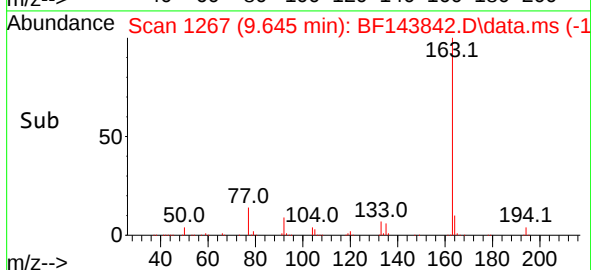
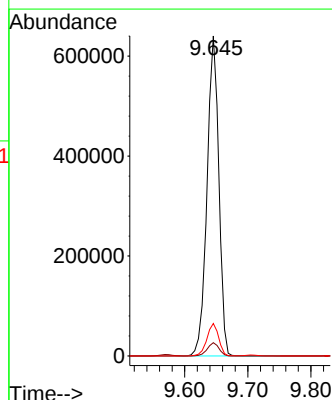
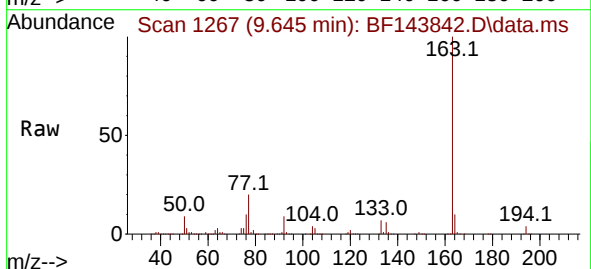
Tgt Ion:163 Resp: 833164

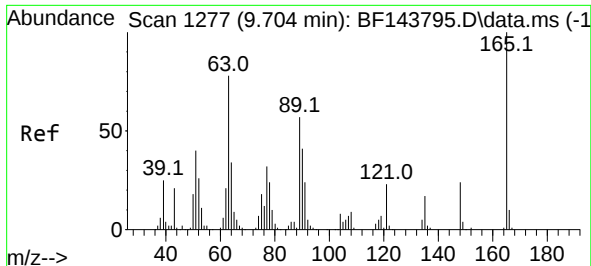
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2

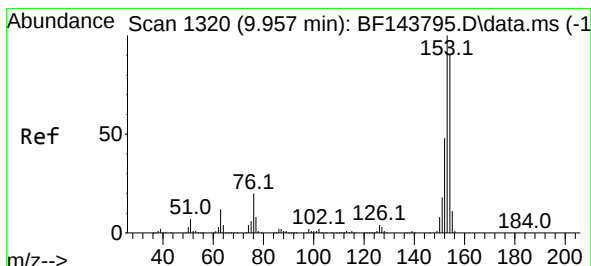
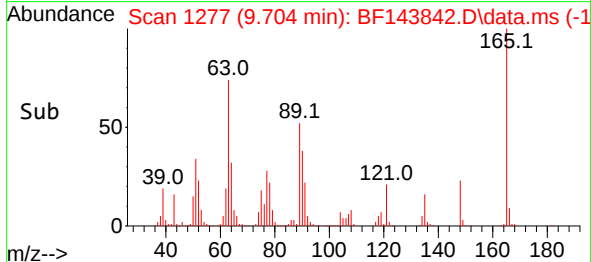
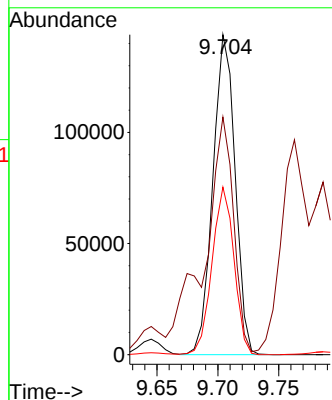
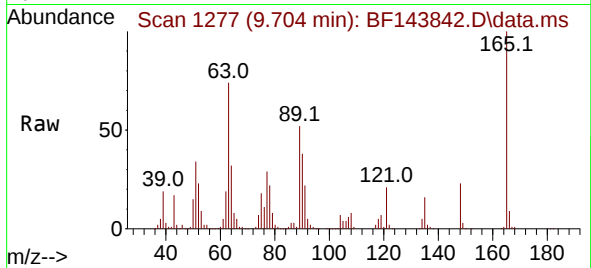




#51
2,6-Dinitrotoluene
Concen: 68.771 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

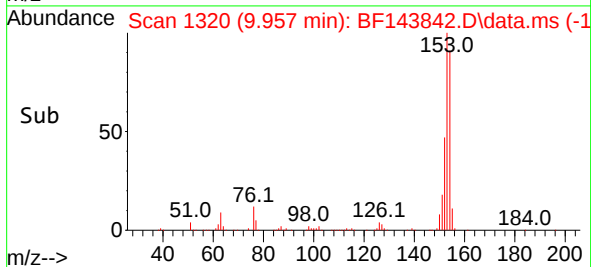
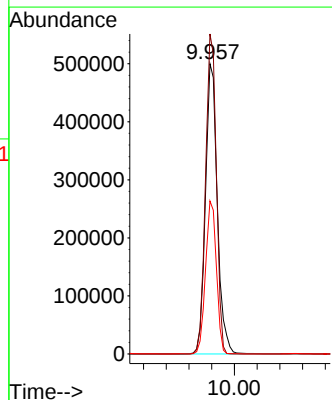
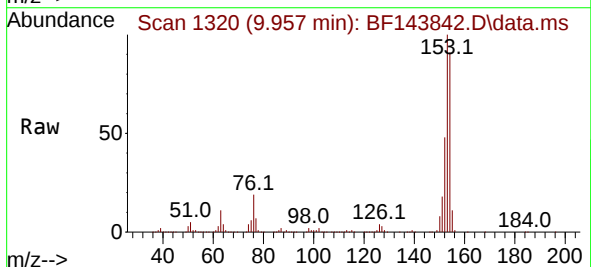
Instrument :
BNA_F
ClientSampleId :
WC-1MS

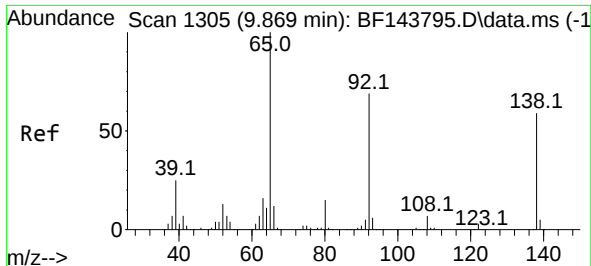
Tgt Ion:165 Resp: 183036
Ion Ratio Lower Upper
165 100
63 74.2 62.6 94.0
89 52.3 45.2 67.8



#52
Acenaphthene
Concen: 51.473 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:154 Resp: 722147
Ion Ratio Lower Upper
154 100
153 110.3 88.7 133.1
152 52.7 42.7 64.1

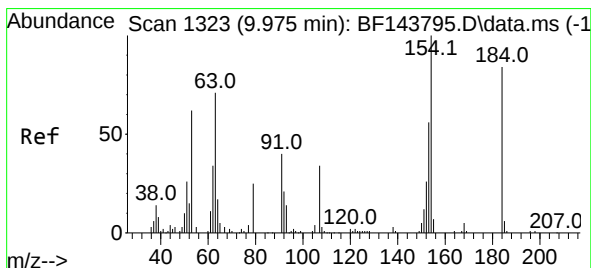
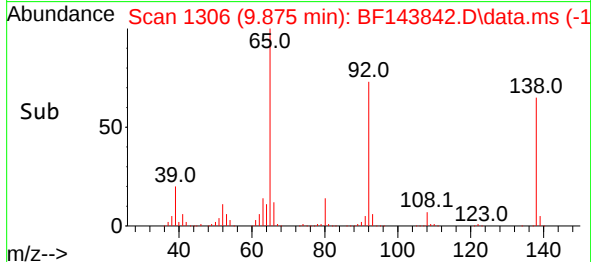
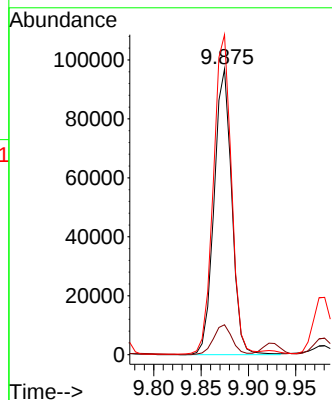
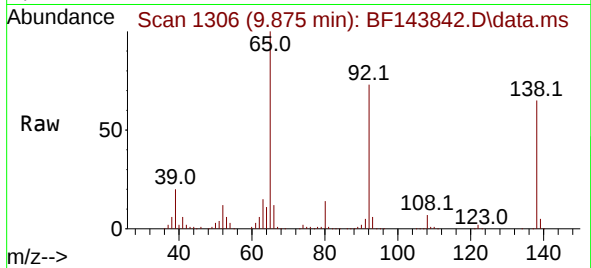




#53
3-Nitroaniline
Concen: 38.981 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

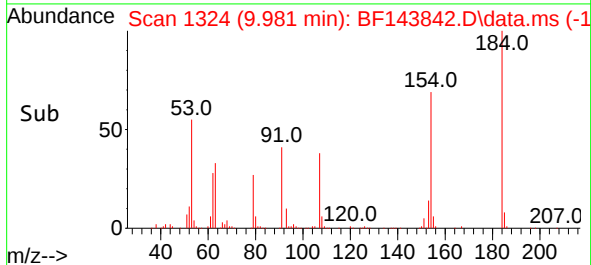
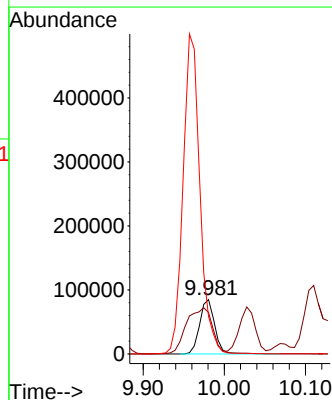
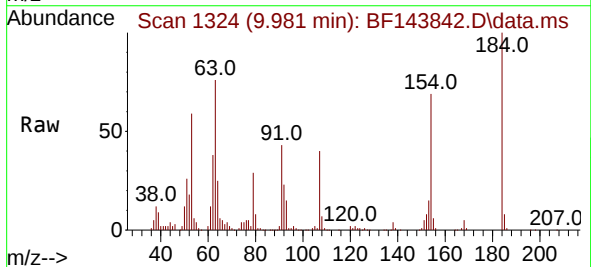
Instrument :
BNA_F
ClientSampleId :
WC-1MS

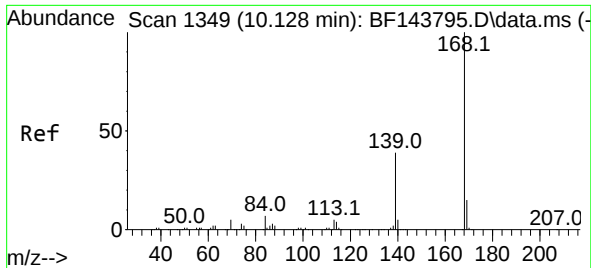
Tgt Ion:138 Resp: 125756
Ion Ratio Lower Upper
138 100
108 10.5 9.9 14.9
92 112.1 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 89.599 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:184 Resp: 109915
Ion Ratio Lower Upper
184 100
63 76.1 84.6 127.0#
154 69.0 199.3 298.9#

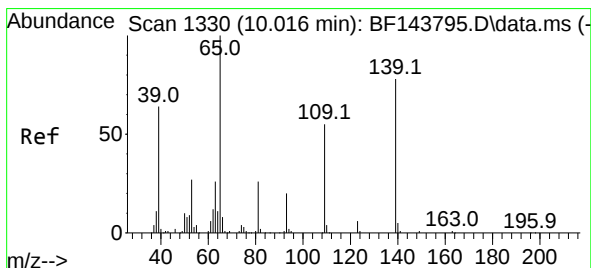
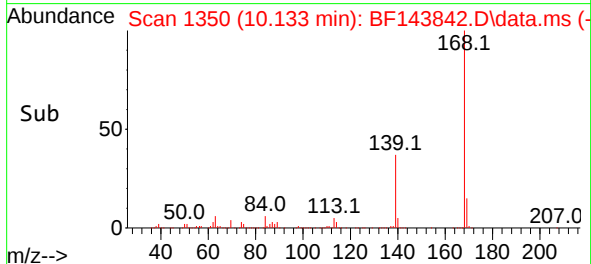
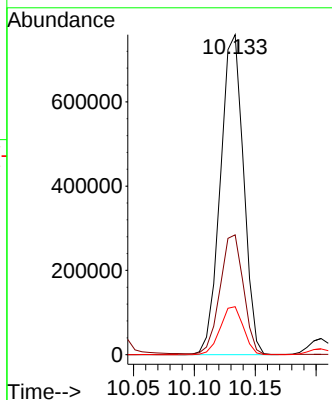
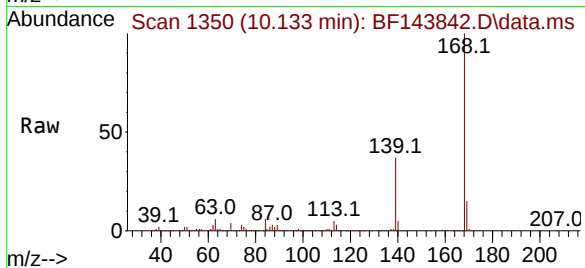




#55
Dibenzofuran
Concen: 50.583 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

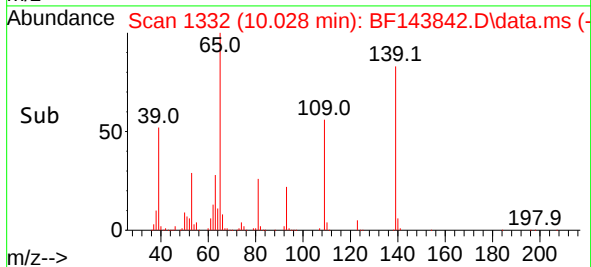
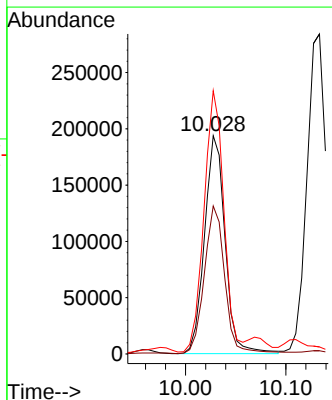
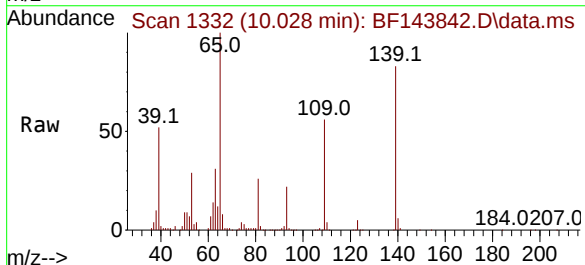
Instrument :
BNA_F
ClientSampleId :
WC-1MS

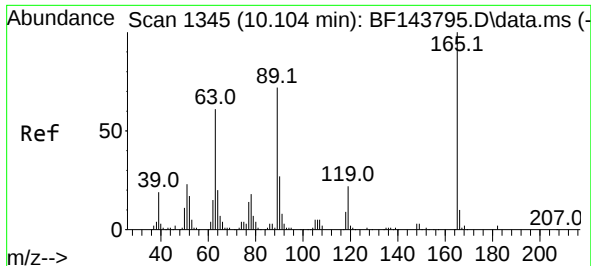
Tgt Ion:168 Resp: 1003519
Ion Ratio Lower Upper
168 100
139 37.4 31.0 46.6
169 15.0 11.9 17.9



#56
4-Nitrophenol
Concen: 106.493 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:139 Resp: 276851
Ion Ratio Lower Upper
139 100
109 67.8 50.2 90.2
65 120.6 109.2 149.2

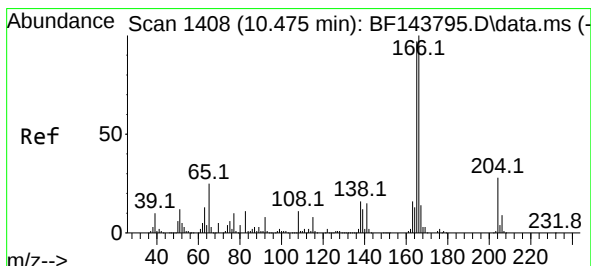
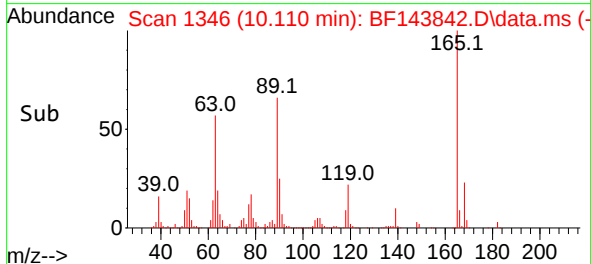
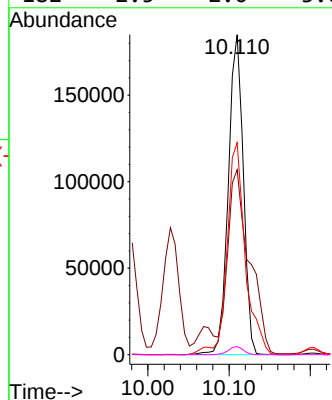
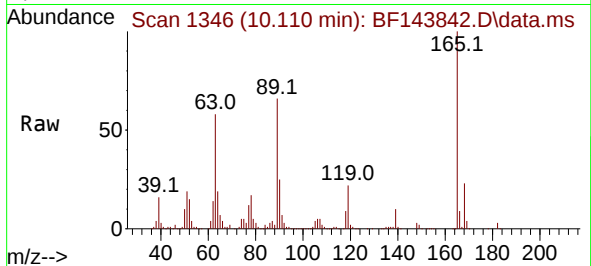




#57
2,4-Dinitrotoluene
Concen: 59.238 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

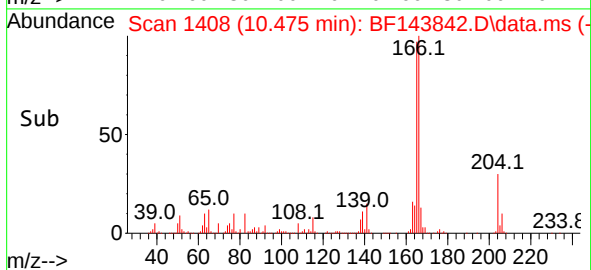
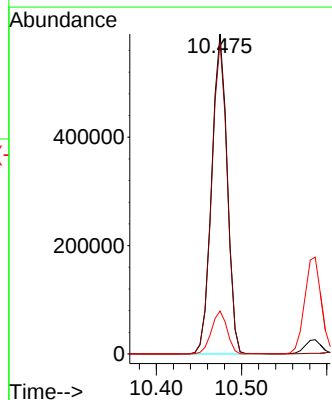
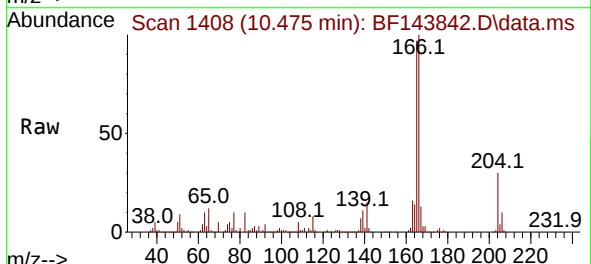
Instrument :
BNA_F
ClientSampleId :
WC-1MS

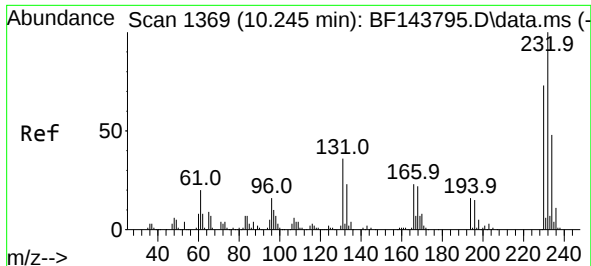
Tgt Ion:165 Resp: 236895
Ion Ratio Lower Upper
165 100
63 57.8 48.9 73.3
89 66.3 57.5 86.3
182 2.5 2.0 3.0



#58
Fluorene
Concen: 50.853 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:166 Resp: 750021
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 10.9 16.3

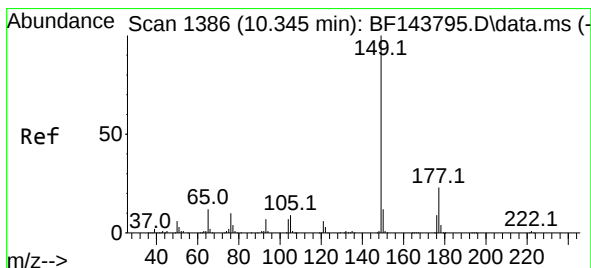
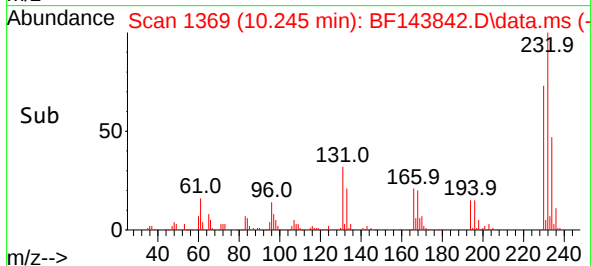
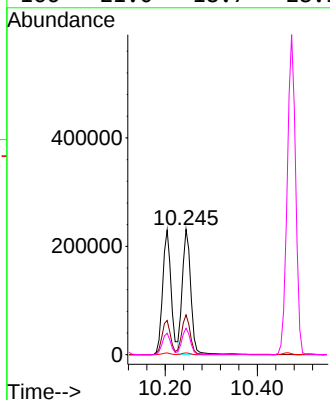
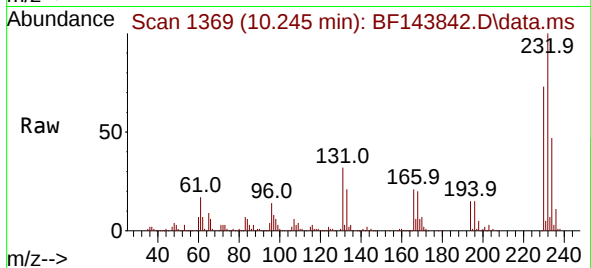




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.591 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

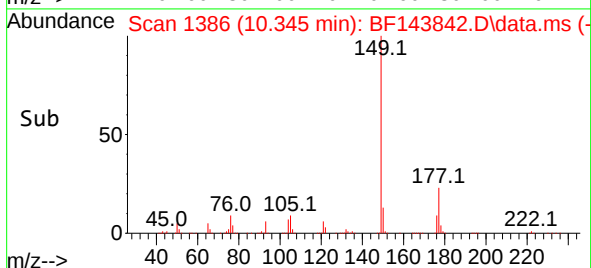
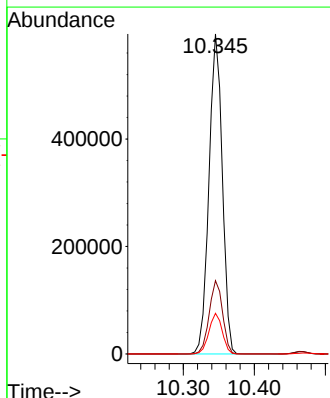
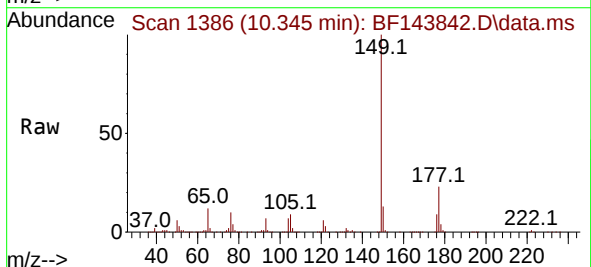
Instrument :
BNA_F
ClientSampleId :
WC-1MS

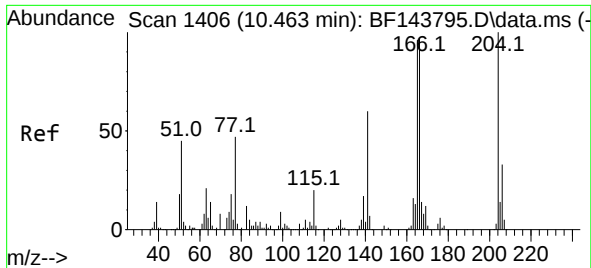
Tgt Ion:232 Resp: 295180
Ion Ratio Lower Upper
232 100
131 32.0 29.4 44.2
130 1.4 1.3 1.9
166 21.0 18.7 28.1



#60
Diethylphthalate
Concen: 51.241 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:149 Resp: 777014
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.7 9.7 14.5

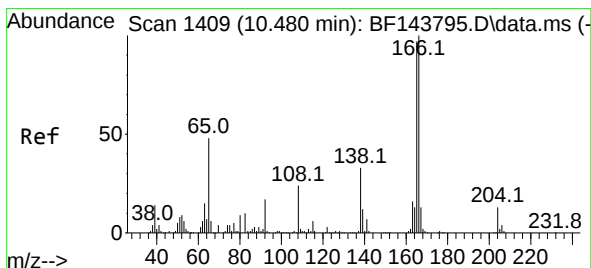
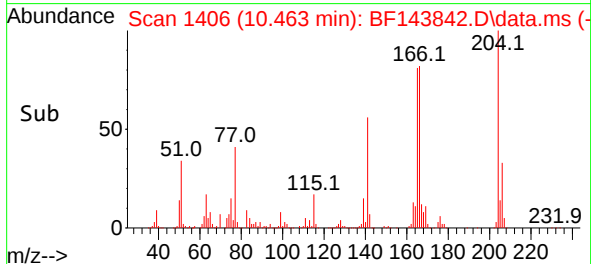
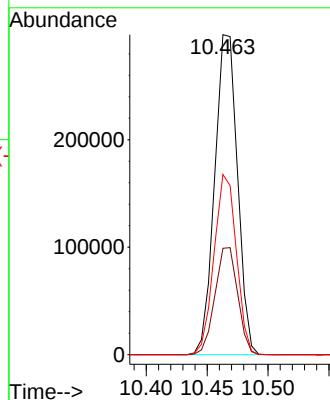
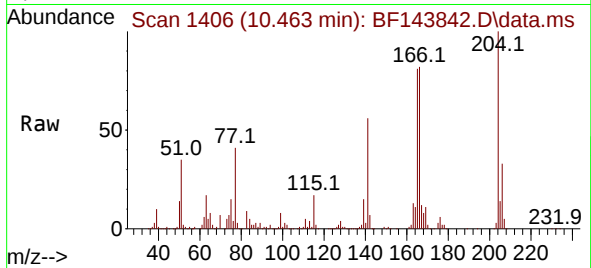




#61
4-Chlorophenyl-phenylether
Concen: 51.677 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

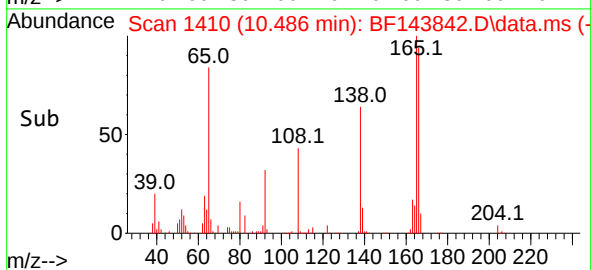
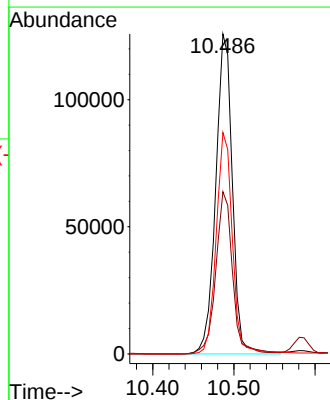
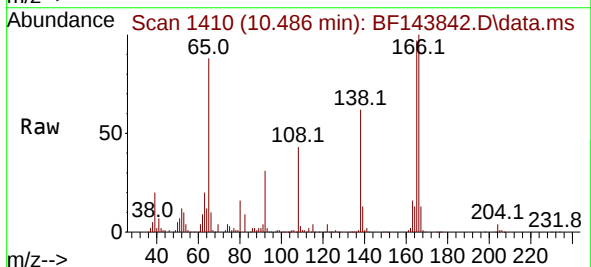
Instrument :
BNA_F
ClientSampleId :
WC-1MS

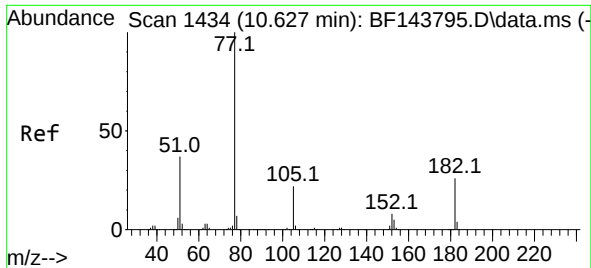
Tgt Ion:204 Resp: 388353
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 56.3 48.2 72.2



#62
4-Nitroaniline
Concen: 59.193 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:138 Resp: 179557
Ion Ratio Lower Upper
138 100
92 50.7 31.5 71.5
108 69.2 51.9 91.9

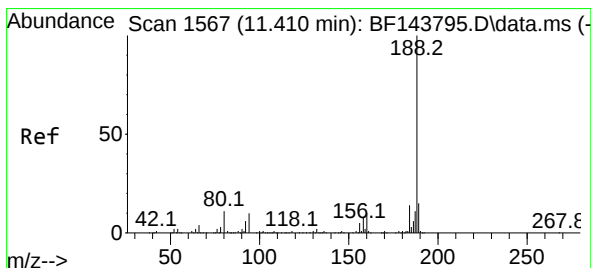
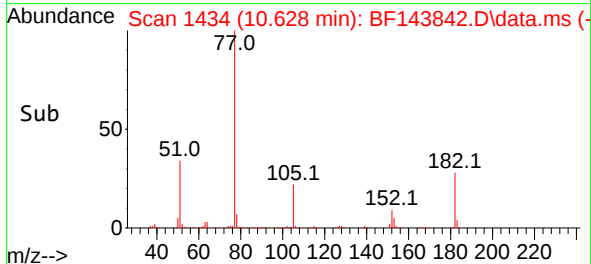
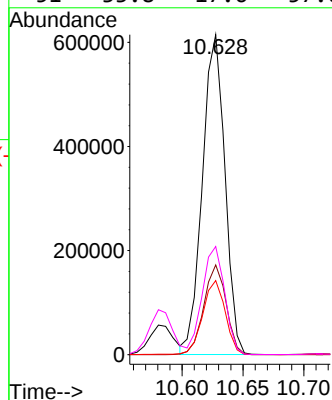
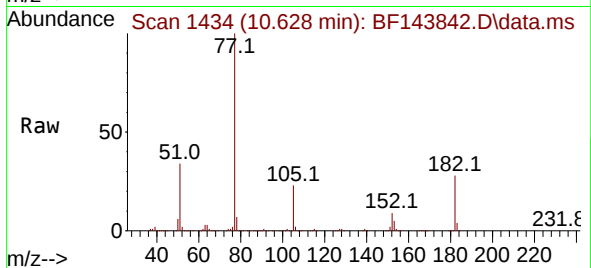




#63
Azobenzene
Concen: 49.604 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

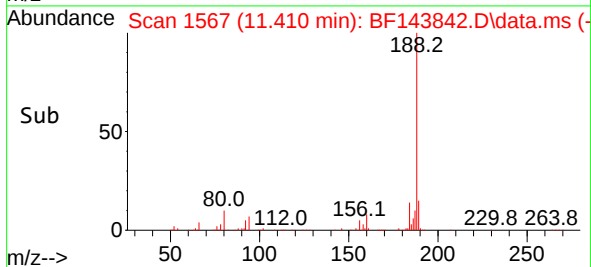
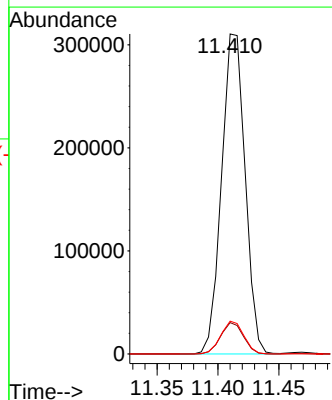
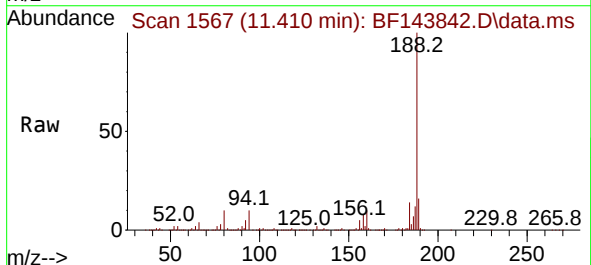
Instrument :
BNA_F
ClientSampleId :
WC-1MS

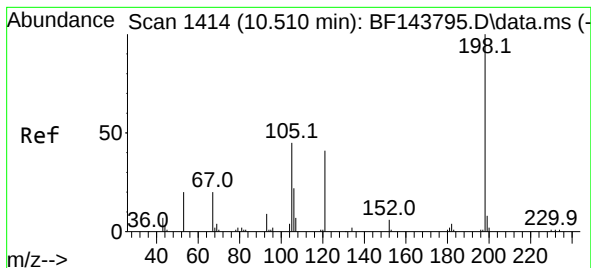
Tgt Ion:	77	Resp:	792734
Ion	Ratio	Lower	Upper
77	100		
182	28.0	5.9	45.9
105	23.2	2.3	42.3
51	33.8	17.6	57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:	188	Resp:	418613
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.3	8.6	12.8

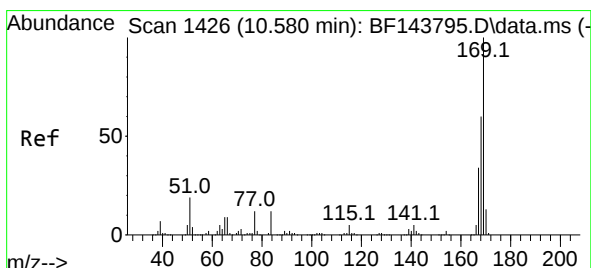
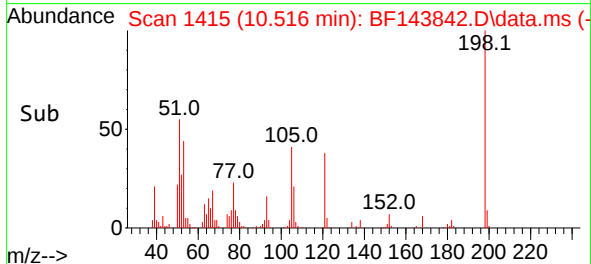
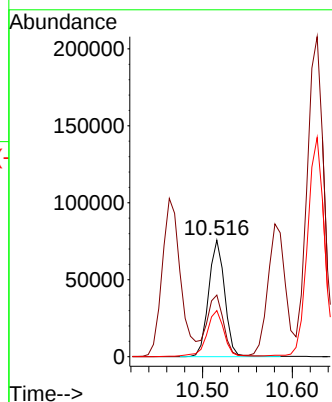
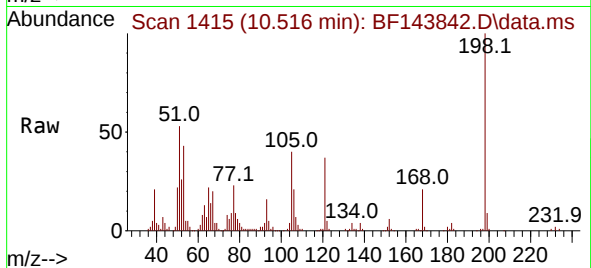




#65
4,6-Dinitro-2-methylphenol
Concen: 57.860 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

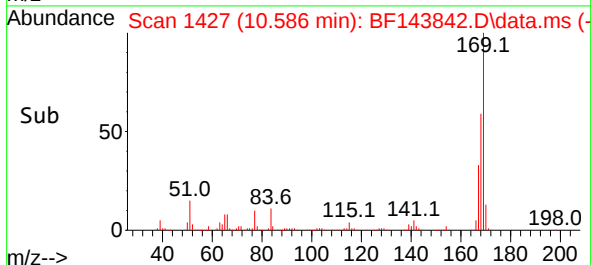
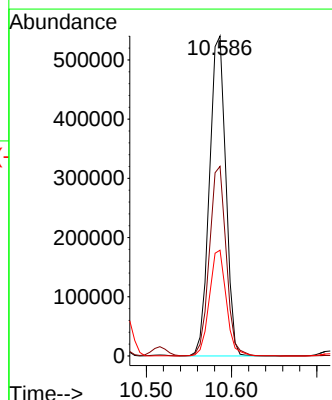
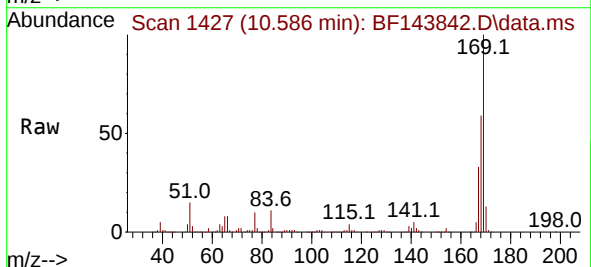
Instrument :
BNA_F
ClientSampleId :
WC-1MS

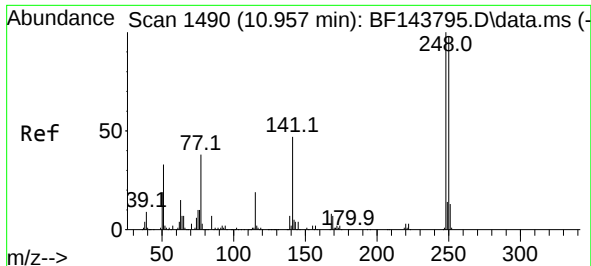
Tgt Ion:198 Resp: 93971
Ion Ratio Lower Upper
198 100
51 53.0 52.0 92.0
105 39.6 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 52.349 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:169 Resp: 720688
Ion Ratio Lower Upper
169 100
168 59.2 47.9 71.9
167 33.0 27.0 40.6

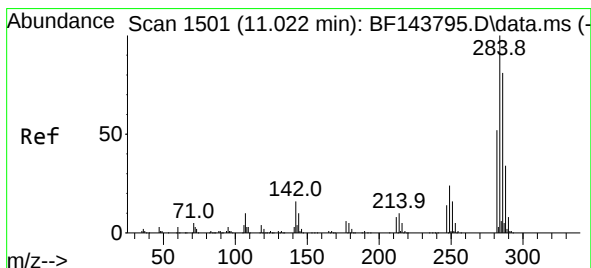
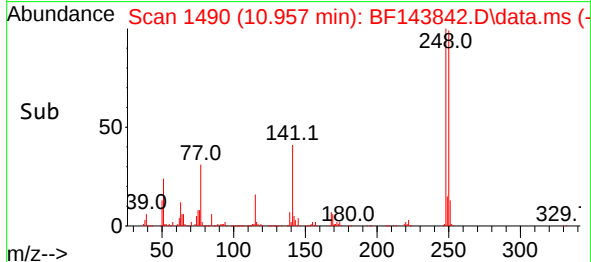
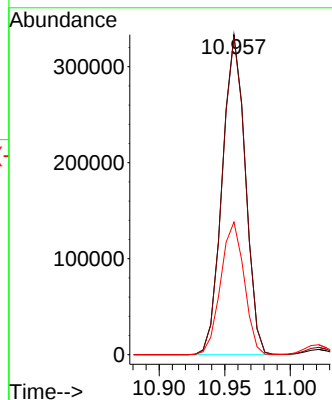
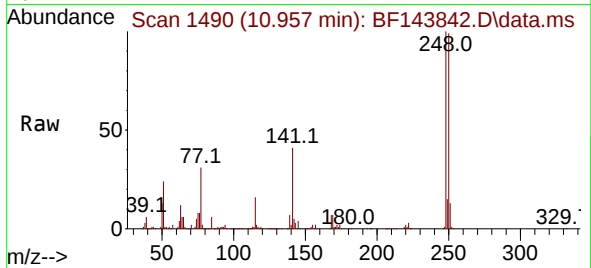




#67
4-Bromophenyl-phenylether
Concen: 57.174 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

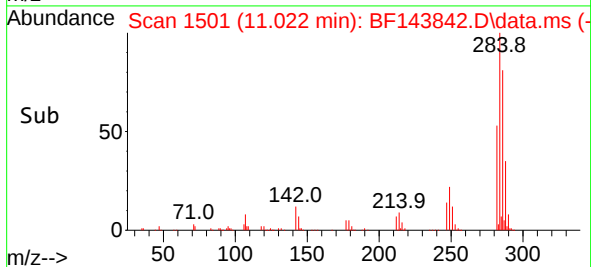
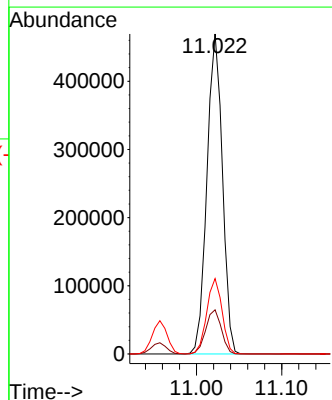
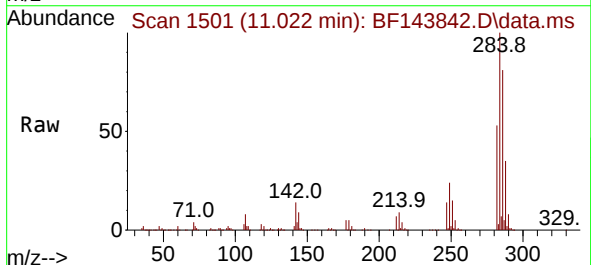
Instrument :
BNA_F
ClientSampleId :
WC-1MS

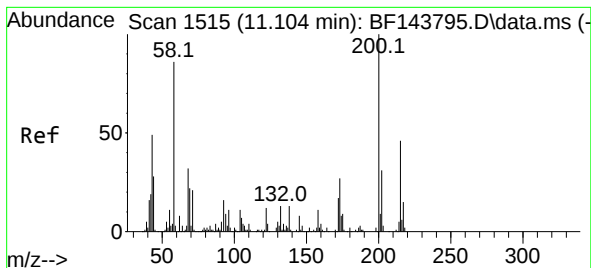
Tgt Ion:248 Resp: 407874
Ion Ratio Lower Upper
248 100
250 99.3 78.7 118.1
141 41.5 37.9 56.9



#68
Hexachlorobenzene
Concen: 60.153 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:284 Resp: 591378
Ion Ratio Lower Upper
284 100
142 13.8 13.1 19.7
249 23.6 19.5 29.3





#69

Atrazine

Concen: 55.931 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

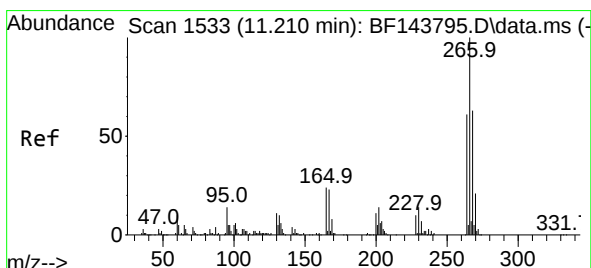
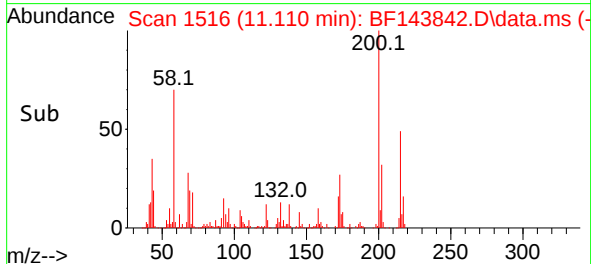
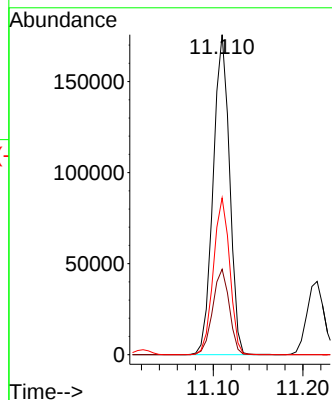
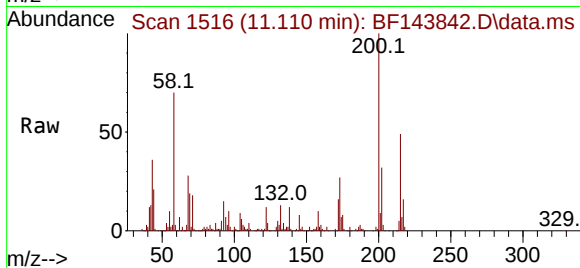
Tgt Ion:200 Resp: 222976

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

215 49.0 26.0 66.0



#70

Pentachlorophenol

Concen: 121.734 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

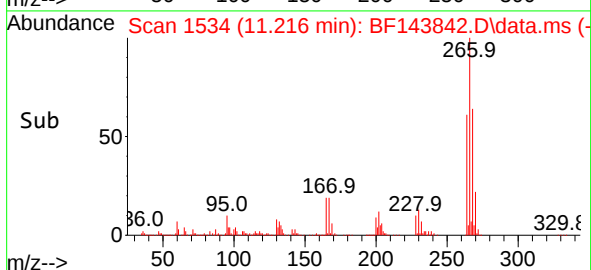
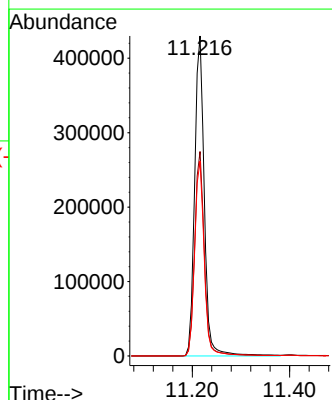
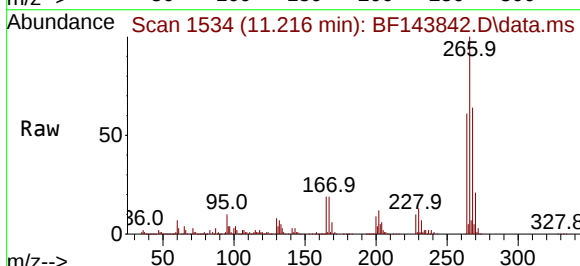
Tgt Ion:266 Resp: 595731

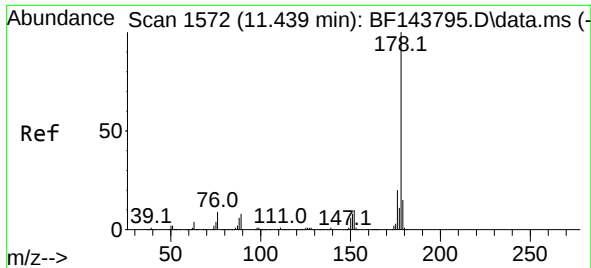
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 60.9 48.8 73.2

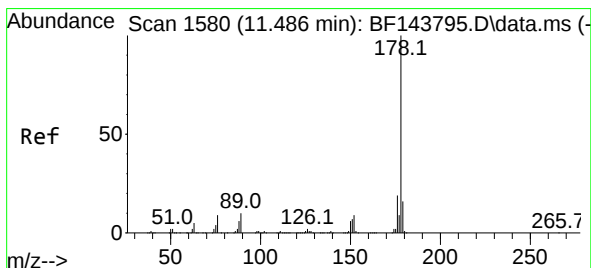
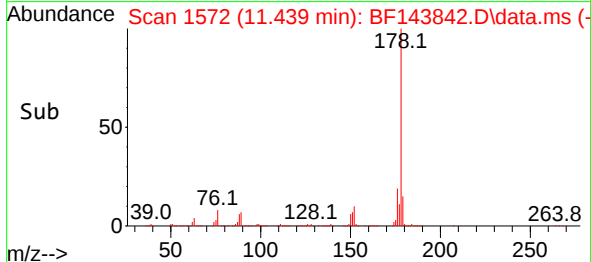
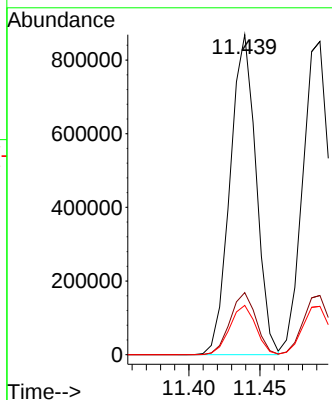
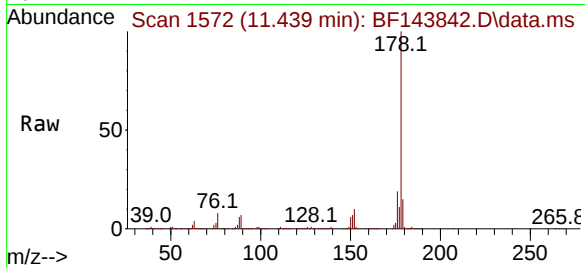




#71
Phenanthrene
Concen: 51.334 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

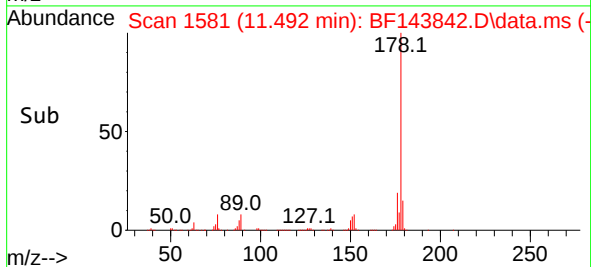
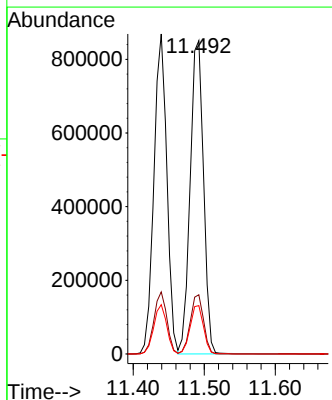
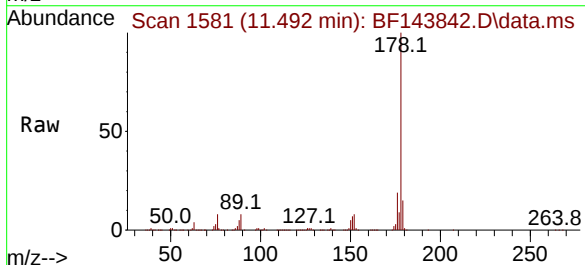
Instrument :
BNA_F
ClientSampleId :
WC-1MS

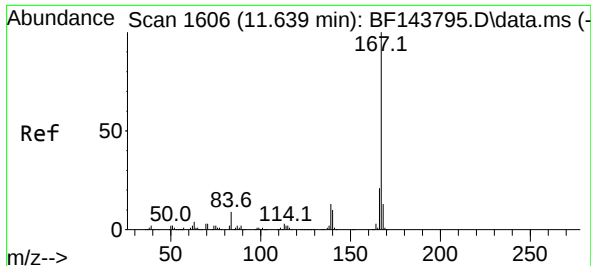
Tgt Ion:178 Resp: 1103235
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.2 18.4



#72
Anthracene
Concen: 51.653 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:178 Resp: 1113516
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.8 19.2

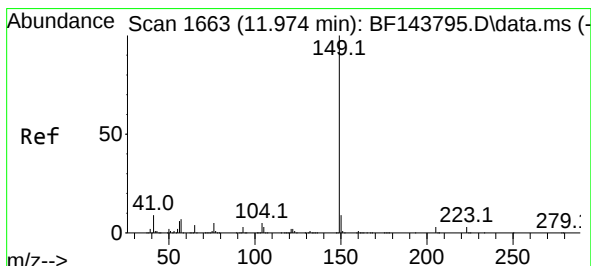
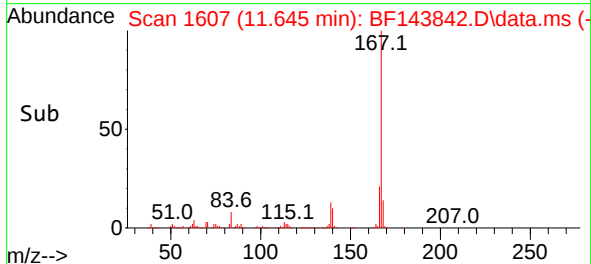
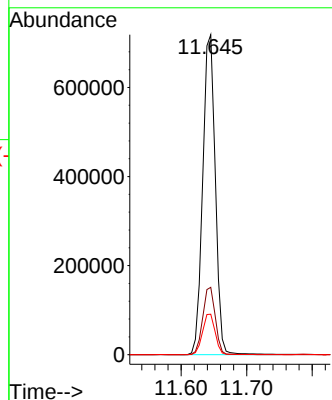
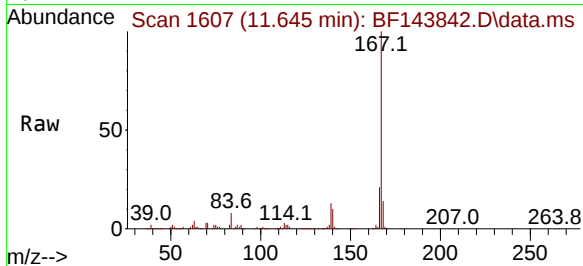




#73
 Carbazole
 Concen: 51.056 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

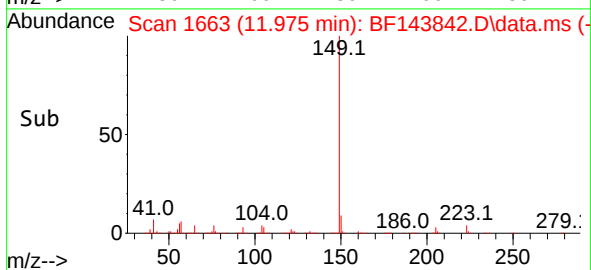
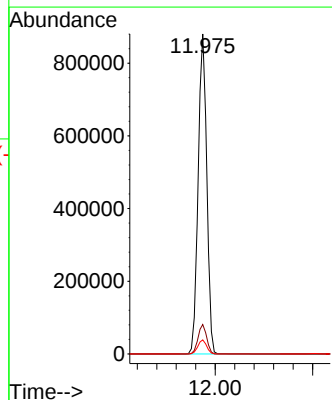
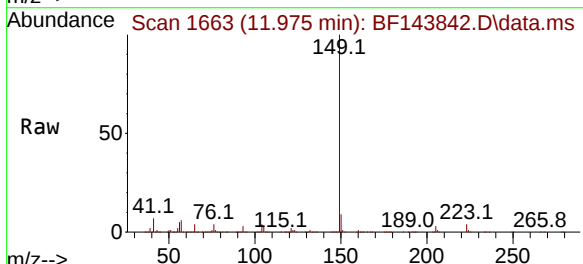
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

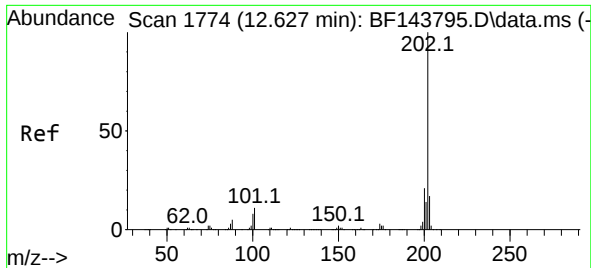
Tgt Ion:167 Resp: 962333
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 50.263 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

Tgt Ion:149 Resp: 1089554
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.4 3.6 5.4

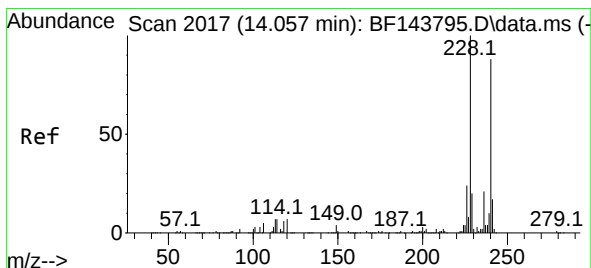
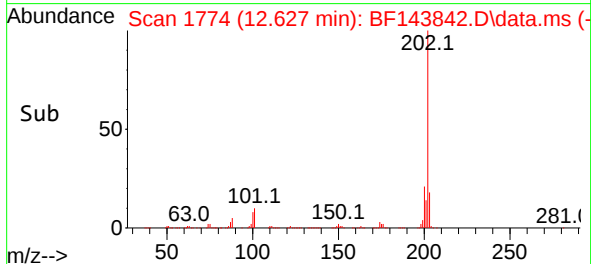
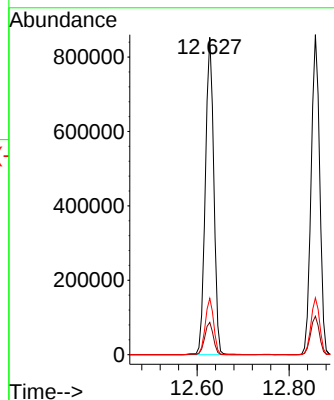
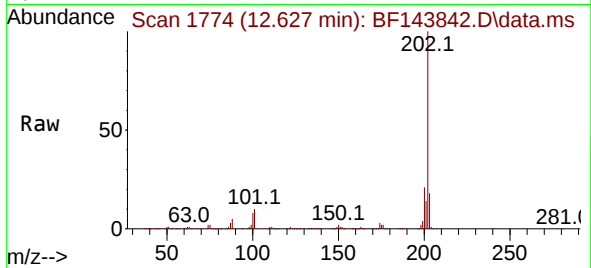




#75
Fluoranthene
Concen: 50.650 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

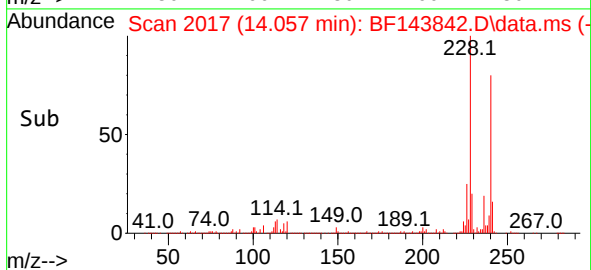
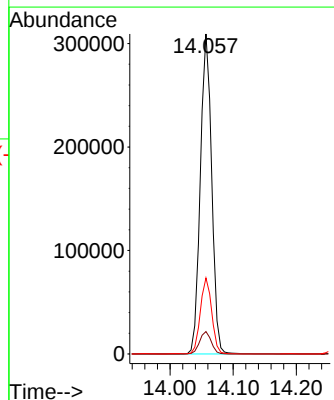
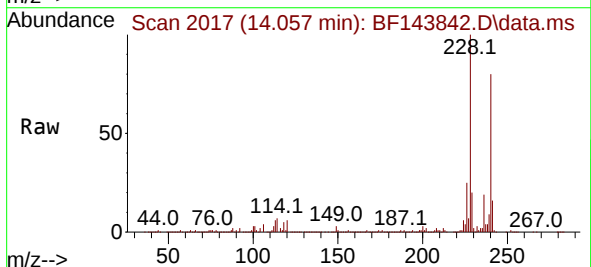
Instrument :
BNA_F
ClientSampleId :
WC-1MS

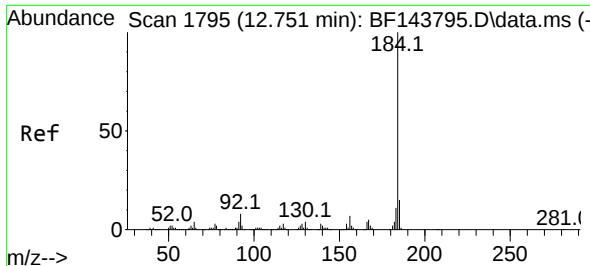
Tgt Ion:202 Resp: 1094832
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:240 Resp: 385281
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.4
236 23.8 19.4 29.2

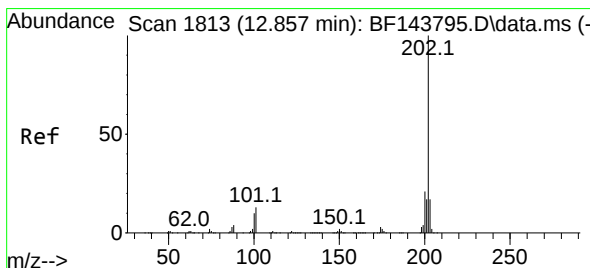
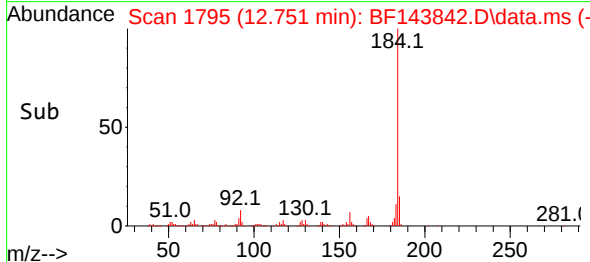
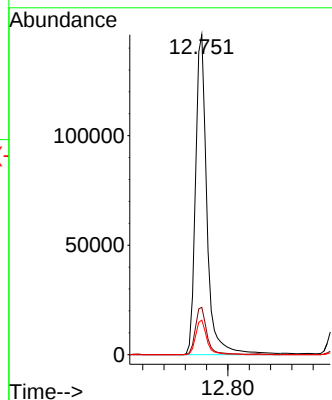
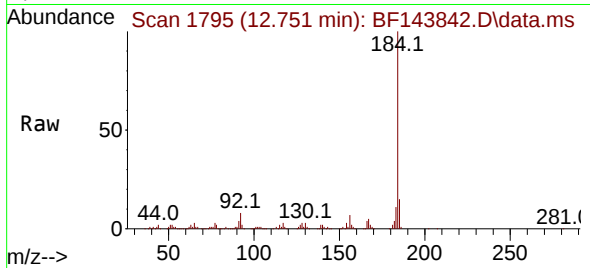




#77
Benzidine
Concen: 23.222 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

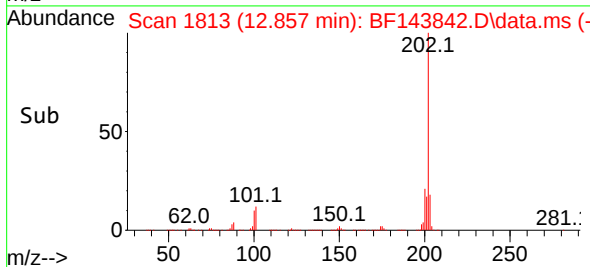
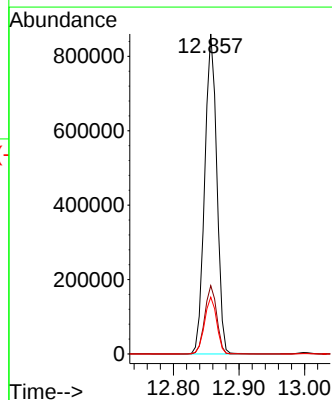
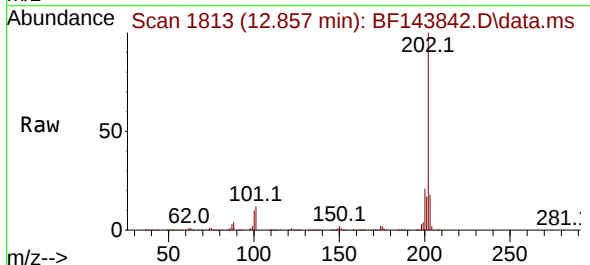
Instrument :
BNA_F
ClientSampleId :
WC-1MS

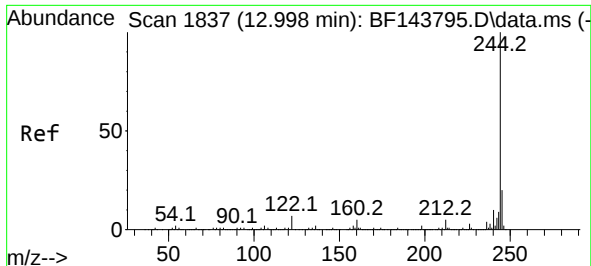
Tgt Ion:184 Resp: 218020
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 10.8 8.6 13.0



#78
Pyrene
Concen: 58.314 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:202 Resp: 1104594
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.8 13.9 20.9

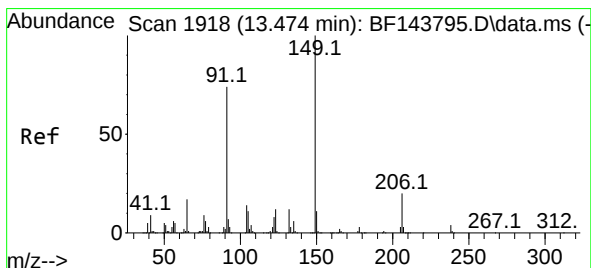
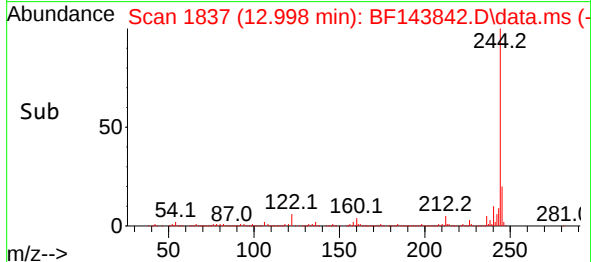
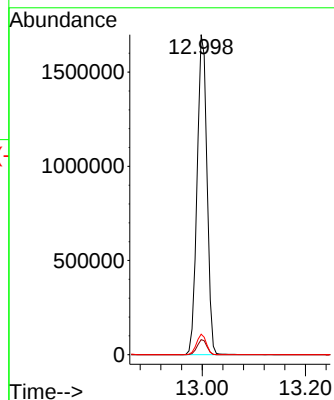
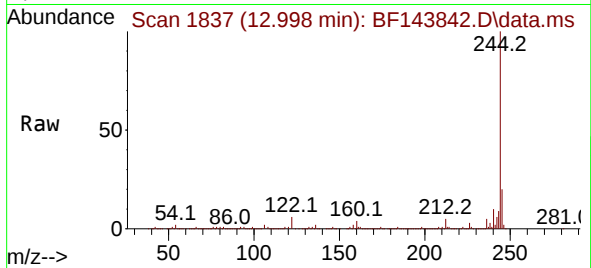




#79
 Terphenyl-d14
 Concen: 118.989 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

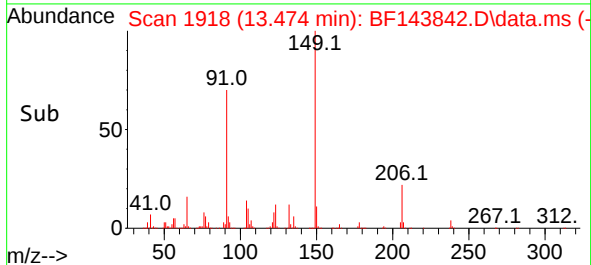
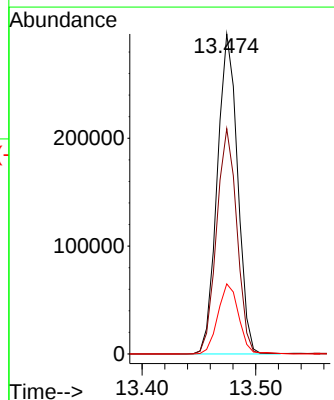
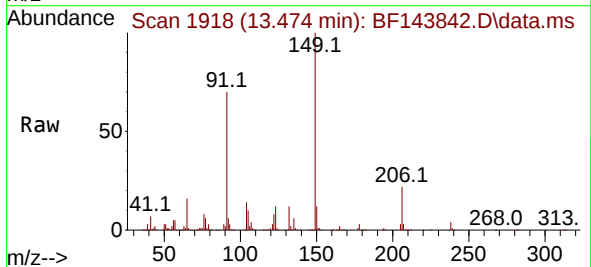
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

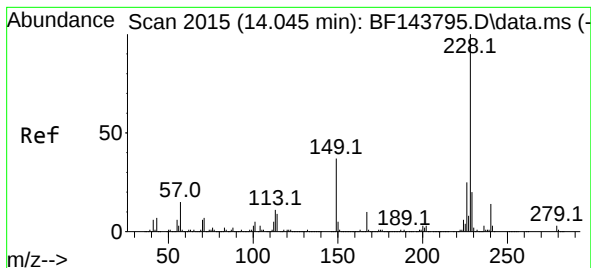
Tgt Ion:244 Resp: 2254179
 Ion Ratio Lower Upper
 244 100
 212 4.7 3.9 5.9
 122 6.4 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 56.411 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143842.D
 Acq: 30 Sep 2025 19:34

Tgt Ion:149 Resp: 369681
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.5 89.3
 206 21.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 51.943 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

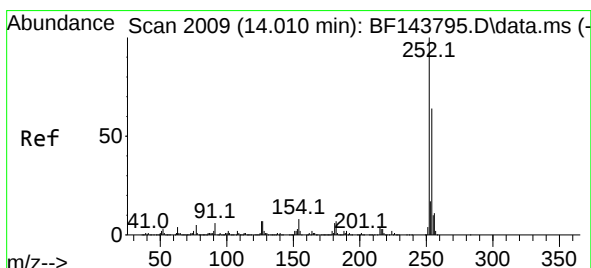
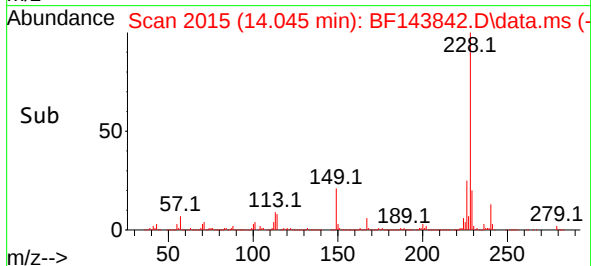
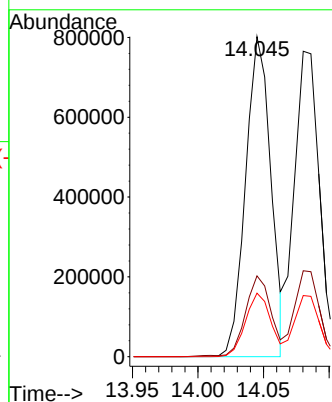
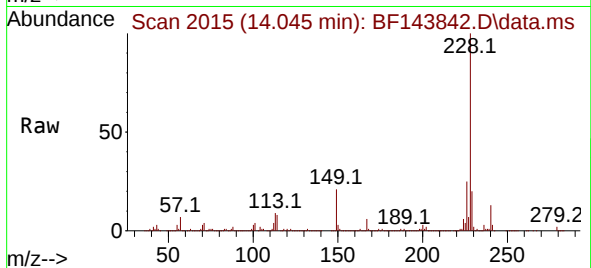
Tgt Ion:228 Resp: 1075117

Ion Ratio Lower Upper

228 100

226 25.3 20.2 30.2

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.566 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

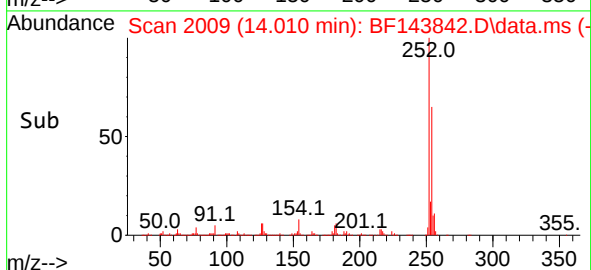
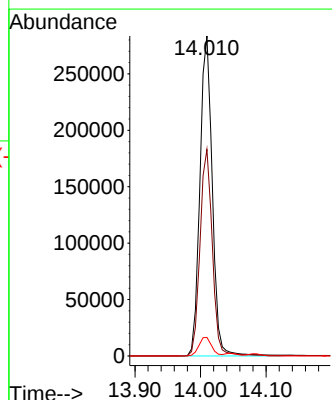
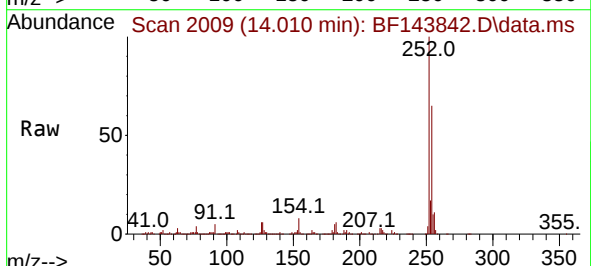
Tgt Ion:252 Resp: 372713

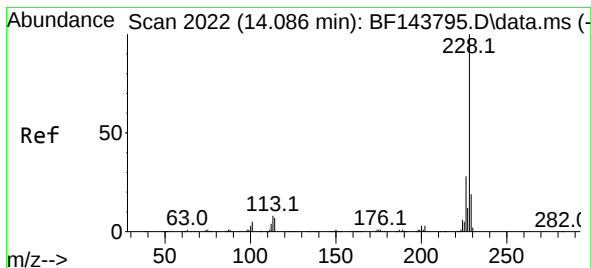
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 5.8 5.4 8.2





#83

Chrysene

Concen: 54.286 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

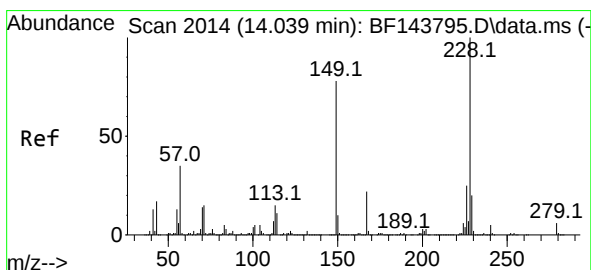
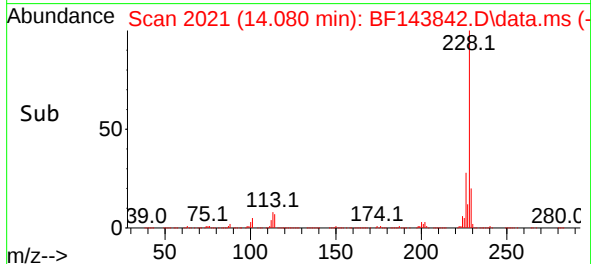
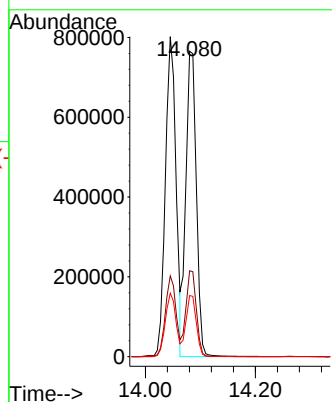
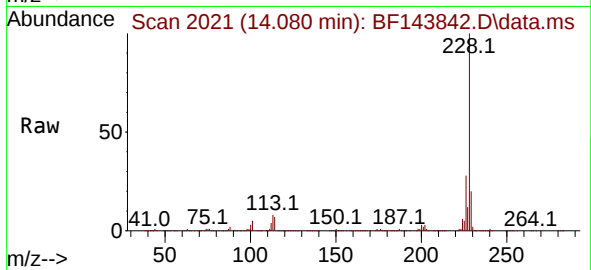
Tgt Ion:228 Resp: 1016710

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.712 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

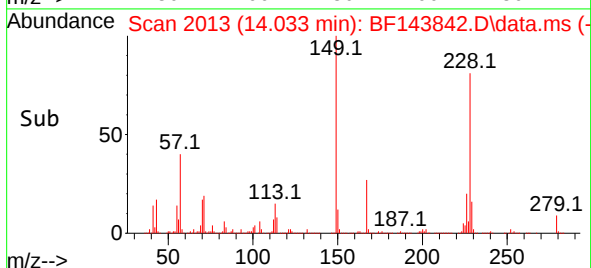
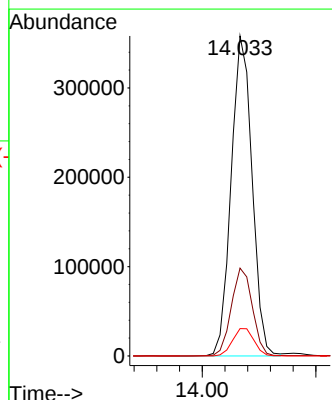
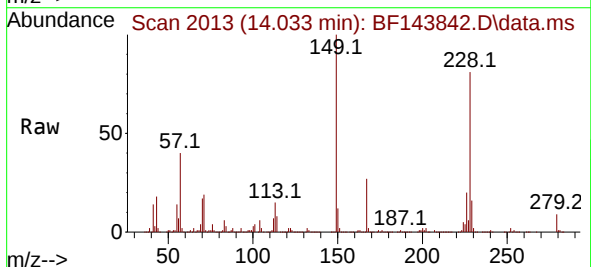
Tgt Ion:149 Resp: 458314

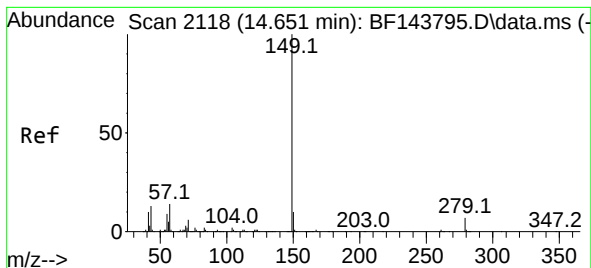
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

279 8.5 6.0 9.0

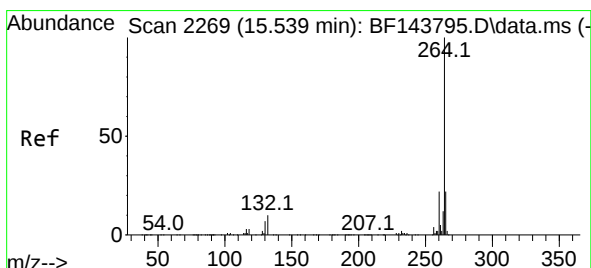
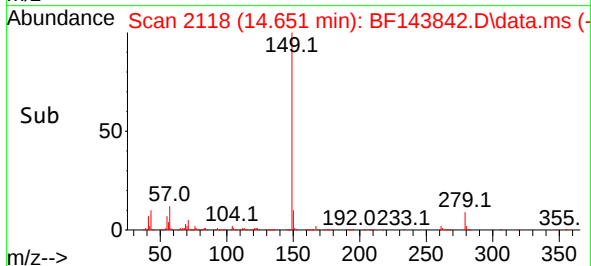
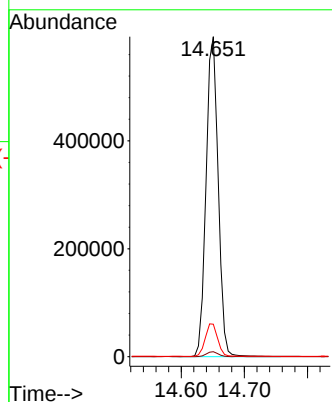
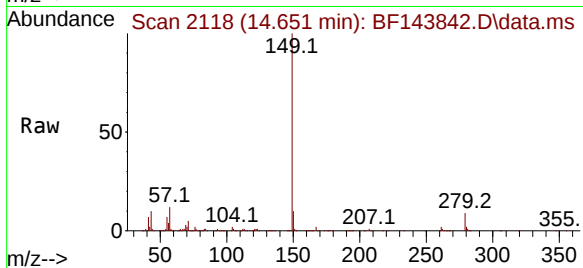




#85
Di-n-octyl phthalate
Concen: 45.439 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

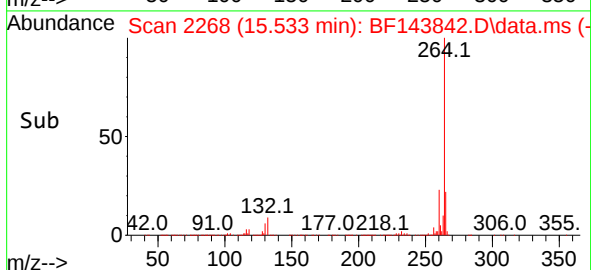
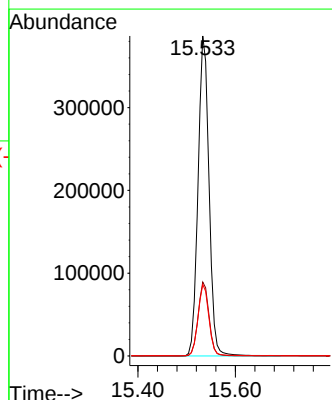
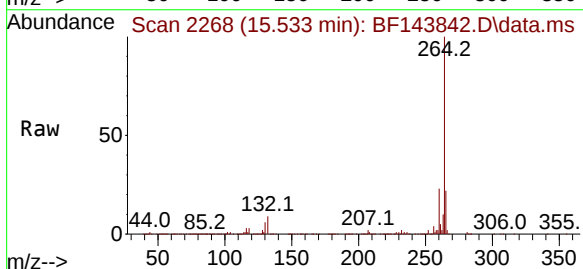
Instrument :
BNA_F
ClientSampleId :
WC-1MS

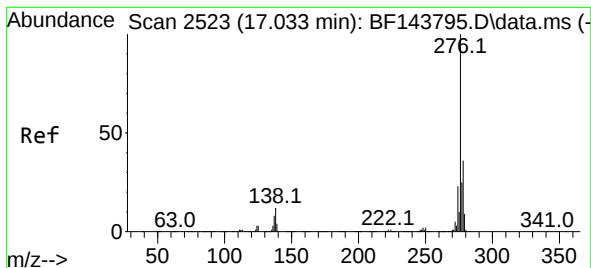
Tgt Ion:149 Resp: 791757
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:264 Resp: 608066
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.848 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

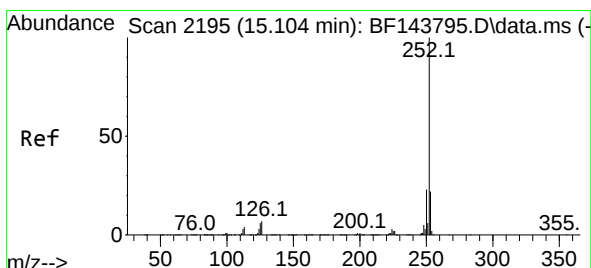
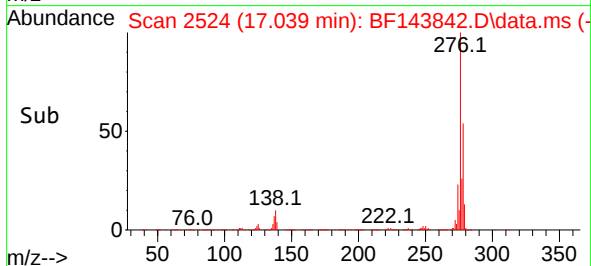
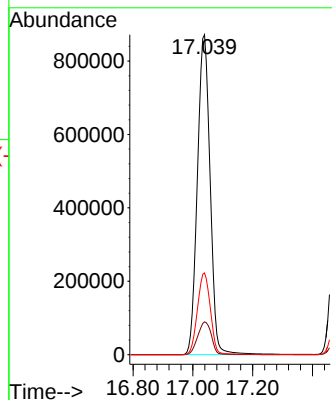
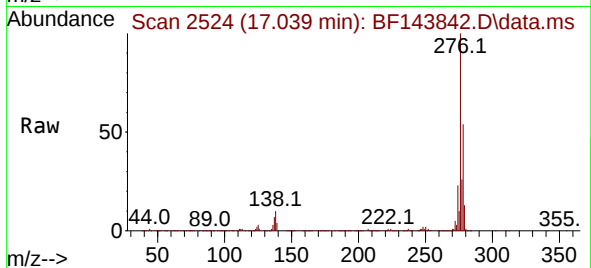
Tgt Ion:276 Resp: 2576602

Ion Ratio Lower Upper

276 100

138 11.0 10.6 15.8

277 25.8 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 52.500 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

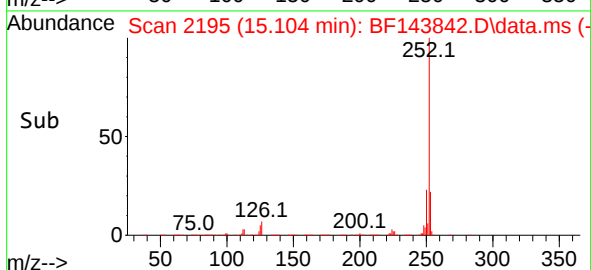
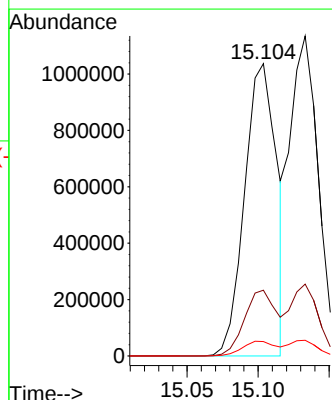
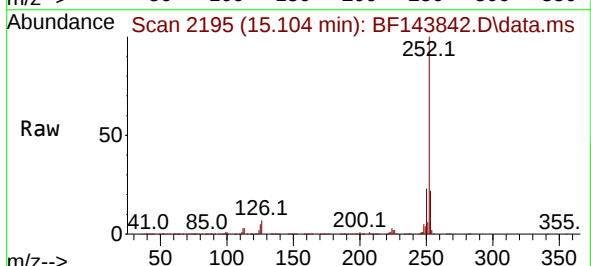
Tgt Ion:252 Resp: 1625712

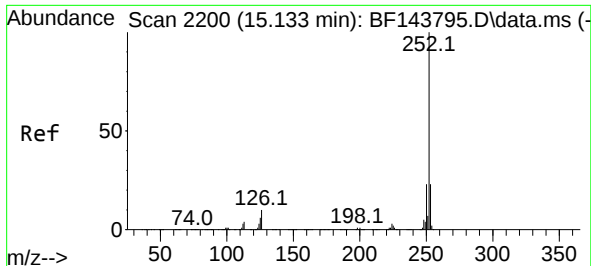
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 4.9 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 50.929 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

Instrument :

BNA_F

ClientSampleId :

WC-1MS

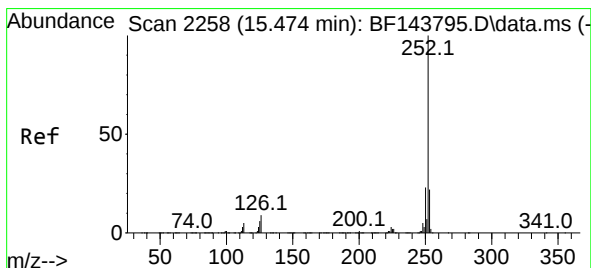
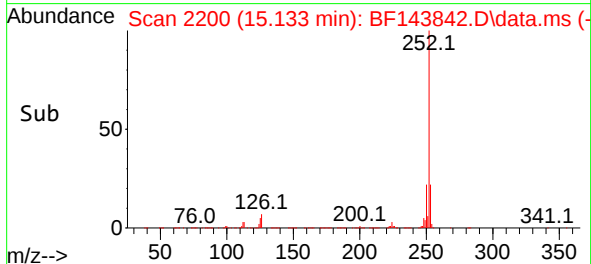
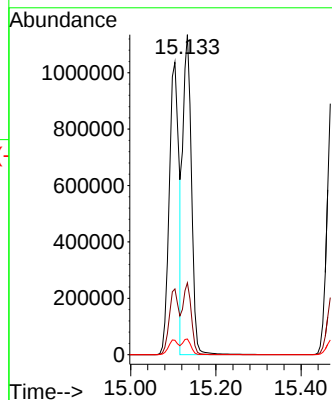
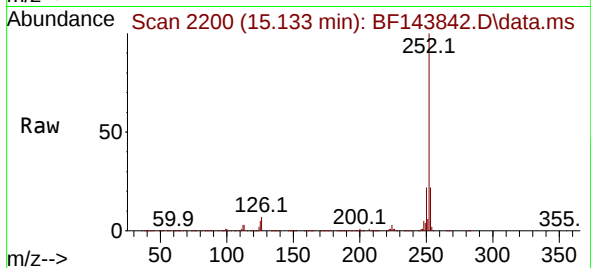
Tgt Ion:252 Resp: 1584406

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 4.9 4.6 6.8



#90

Benzo(a)pyrene

Concen: 54.691 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143842.D

Acq: 30 Sep 2025 19:34

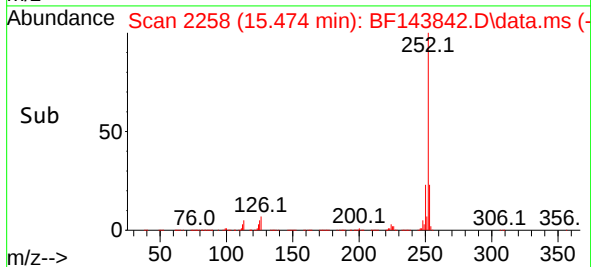
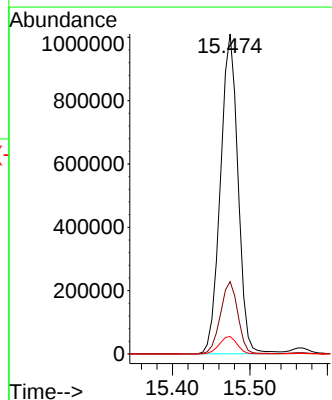
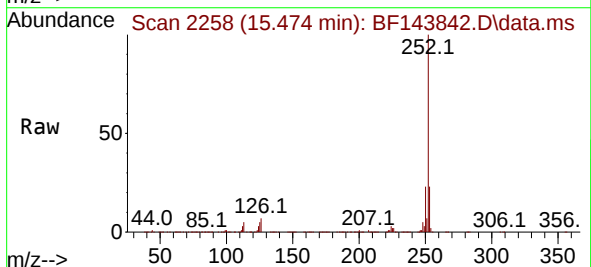
Tgt Ion:252 Resp: 1591907

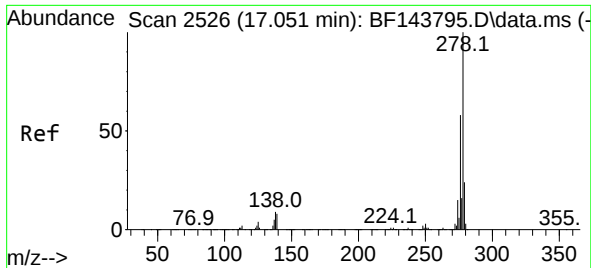
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 5.5 5.0 7.4

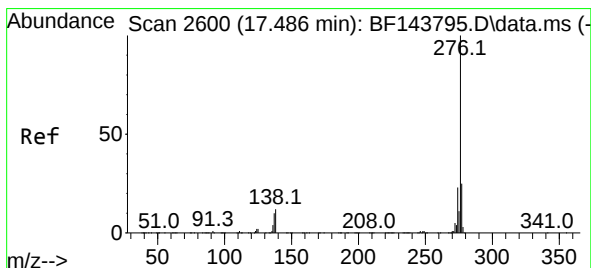
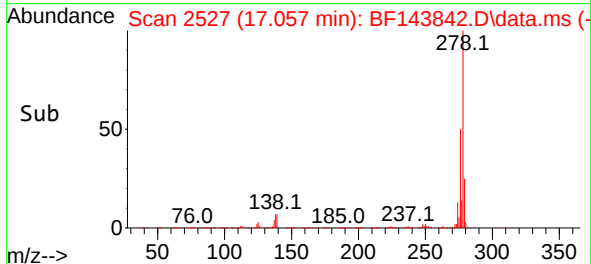
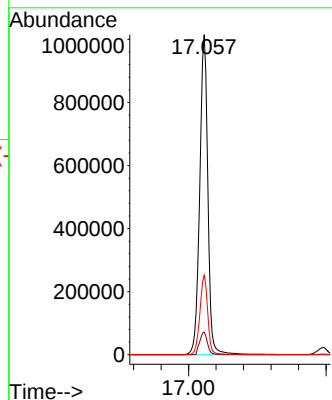
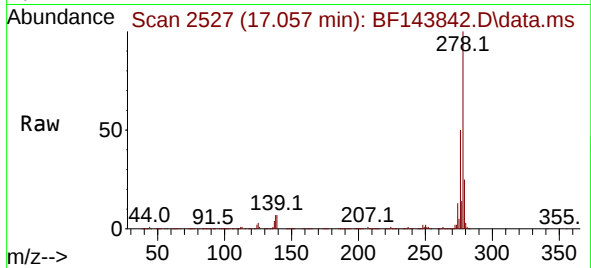




#91
Dibenzo(a,h)anthracene
Concen: 55.405 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:278 Resp: 2090745
Ion Ratio Lower Upper
278 100
139 7.0 6.7 10.1
279 24.8 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 56.933 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143842.D
Acq: 30 Sep 2025 19:34

Tgt Ion:276 Resp: 2070983
Ion Ratio Lower Upper
276 100
277 24.4 19.6 29.4
138 9.6 9.2 13.8

