

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143013.D
 Acq On : 07 Jul 2025 17:19
 Operator : RC/JU
 Sample : Q2478-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Jul 07 17:49:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66708	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	246241	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	120592	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	169949	20.000	ng	0.00
76) Chrysene-d12	14.057	240	131277	20.000	ng	0.00
86) Perylene-d12	15.551	264	127587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	451217	112.617	ng	0.02
7) Phenol-d6	6.516	99	504517	106.729	ng	0.00
23) Nitrobenzene-d5	7.440	82	350233	78.015	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	142857	115.117	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	737129	80.299	ng	-0.01
79) Terphenyl-d14	12.992	244	600281	63.180	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.822	88	52230	32.591	ng	# 81
3) Pyridine	3.546	79	138352	34.437	ng	99
4) n-Nitrosodimethylamine	3.481	42	79599	38.314	ng	100
6) Aniline	6.540	93	85836	13.647	ng	# 46
8) 2-Chlorophenol	6.663	128	176852	40.919	ng	98
9) Benzaldehyde	6.428	77	65574	23.382	ng	100
10) Phenol	6.528	94	181551	34.552	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	156781	41.747	ng	97
12) 1,3-Dichlorobenzene	6.816	146	185452	38.366	ng	99
13) 1,4-Dichlorobenzene	6.893	146	186453	38.232	ng	99
14) 1,2-Dichlorobenzene	7.045	146	177694	38.415	ng	98
15) Benzyl Alcohol	7.022	79	147375	43.125	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	228576	37.883	ng	86
17) 2-Methylphenol	7.134	107	130494	39.842	ng	96
18) Hexachloroethane	7.387	117	65563	38.436	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	117722	42.819	ng	97
20) 3+4-Methylphenols	7.287	107	171872	42.087	ng	# 89
22) Acetophenone	7.287	105	237842	43.801	ng	99
24) Nitrobenzene	7.463	77	173536	42.709	ng	98
25) Isophorone	7.698	82	313596	43.546	ng	100
26) 2-Nitrophenol	7.775	139	96426	43.565	ng	99
27) 2,4-Dimethylphenol	7.816	122	148861	38.826	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	200453	43.782	ng	100
29) 2,4-Dichlorophenol	8.022	162	149142	42.902	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155190	40.597	ng	99
31) Naphthalene	8.181	128	497050	41.238	ng	100
32) Benzoic acid	7.934	122	54644	27.963	ng	98
33) 4-Chloroaniline	8.234	127	45328	9.249	ng	99
34) Hexachlorobutadiene	8.292	225	95400	40.800	ng	99
35) Caprolactam	8.604	113	40041	43.649	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	149149	43.170	ng	99
37) 2-Methylnaphthalene	8.875	142	311243	41.652	ng	99
38) 1-Methylnaphthalene	8.975	142	322000	41.627	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	158488	44.541	ng	99
41) Hexachlorocyclopentadiene	9.022	237	65852	32.612	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	100705	43.432	ng	99

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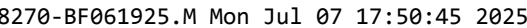
Instrument :
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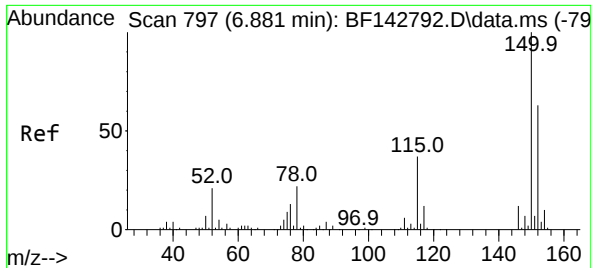
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	103747	42.505	ng	98
46) 1,1'-Biphenyl	9.339	154	432690	45.421	ng	99
47) 2-Chloronaphthalene	9.363	162	310925	43.494	ng	100
48) 2-Nitroaniline	9.463	65	90433	45.123	ng	95
49) Acenaphthylene	9.781	152	502790	42.724	ng	100
50) Dimethylphthalate	9.639	163	381326	48.850	ng	100
51) 2,6-Dinitrotoluene	9.704	165	79170	46.183	ng	97
52) Acenaphthene	9.951	154	287989	40.109	ng	99
53) 3-Nitroaniline	9.875	138	43842	23.229	ng	99
54) 2,4-Dinitrophenol	9.986	184	42431	49.432	ng	97
55) Dibenzofuran	10.122	168	430683	41.830	ng	99
56) 4-Nitrophenol	10.045	139	80975	62.668	ng	97
57) 2,4-Dinitrotoluene	10.110	165	101064	44.384	ng	95
58) Fluorene	10.469	166	339085	42.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80850	41.094	ng	94
60) Diethylphthalate	10.333	149	371522	48.542	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165509	43.134	ng	99
62) 4-Nitroaniline	10.486	138	67738	39.242	ng	99
63) Azobenzene	10.616	77	286196	41.838	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	32436	31.554	ng	96
66) n-Nitrosodiphenylamine	10.575	169	293611	49.849	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	94866	49.047	ng	97
68) Hexachlorobenzene	11.016	284	96834	45.056	ng	98
69) Atrazine	11.104	200	88615	58.261	ng	100
70) Pentachlorophenol	11.216	266	80404	75.078	ng	98
71) Phenanthrene	11.433	178	410759	44.618	ng	99
72) Anthracene	11.486	178	418402	44.314	ng	100
73) Carbazole	11.639	167	376390	46.195	ng	99
74) Di-n-butylphthalate	11.963	149	496484	58.492	ng	99
75) Fluoranthene	12.622	202	403342	46.164	ng	100
77) Benzidine	12.745	184	99722	20.218	ng	99
78) Pyrene	12.851	202	411055	33.405	ng	100
80) Butylbenzylphthalate	13.463	149	183927	51.529	ng	98
81) Benzo(a)anthracene	14.045	228	397859	44.925	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	86231	30.019	ng	99
83) Chrysene	14.080	228	361481	45.743	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	262567	51.127	ng	100
85) Di-n-octyl phthalate	14.639	149	447424	46.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	286139	29.444	ng	98
88) Benzo(b)fluoranthene	15.110	252	406017	54.995	ng	99
89) Benzo(k)fluoranthene	15.139	252	329060	47.641	ng	99
90) Benzo(a)pyrene	15.486	252	331522	46.482	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	240217	30.422	ng	98
92) Benzo(g,h,i)perylene	17.527	276	215581	27.380	ng	98

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

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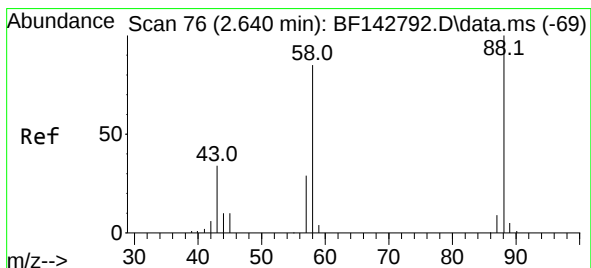
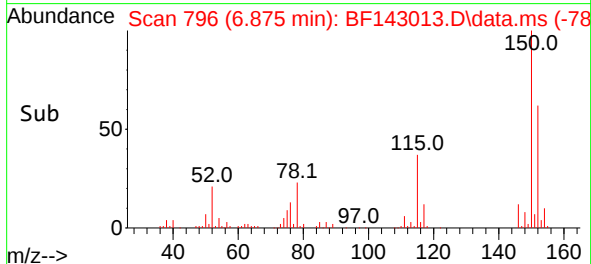
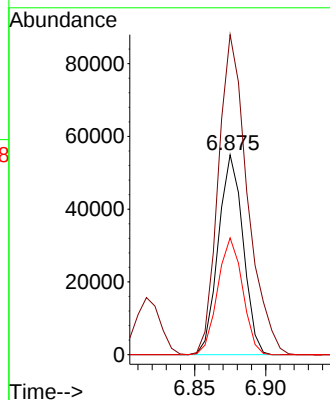
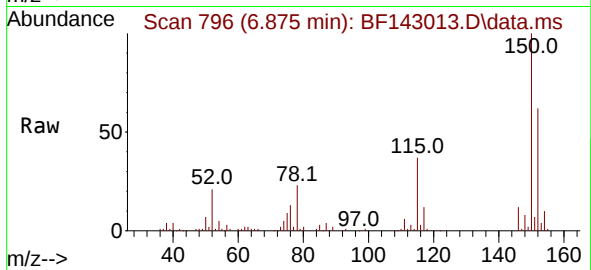




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

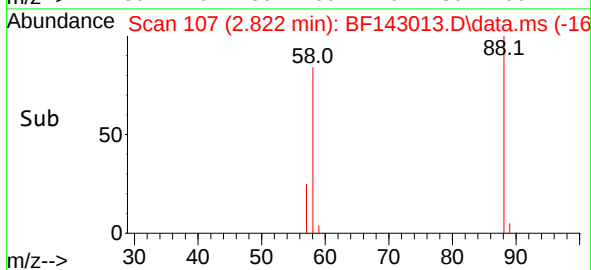
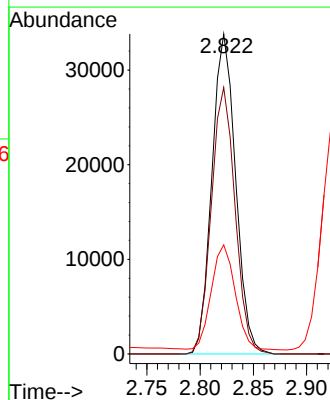
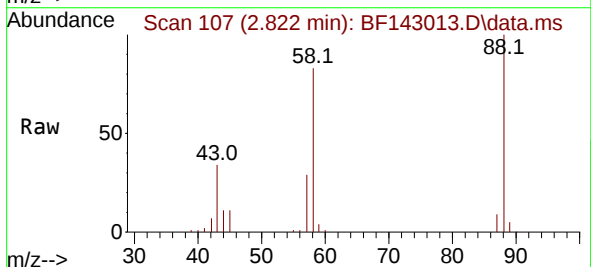
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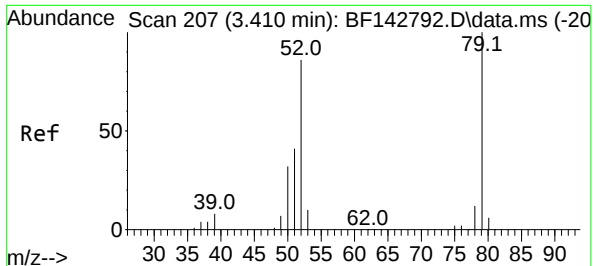
Tgt Ion:152 Resp: 66708
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.2 190.8
 115 58.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 32.591 ng
 RT: 2.822 min Scan# 107
 Delta R.T. 0.182 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

Tgt Ion: 88 Resp: 52230
 Ion Ratio Lower Upper
 88 100
 58 83.4 69.1 103.7
 43 0.0 27.4 41.2#

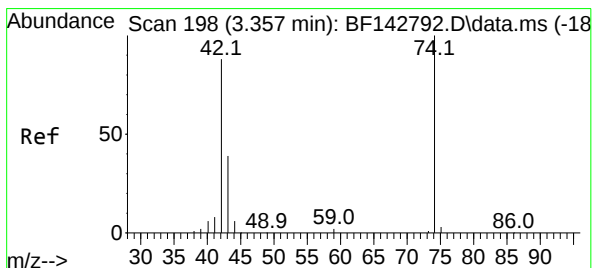
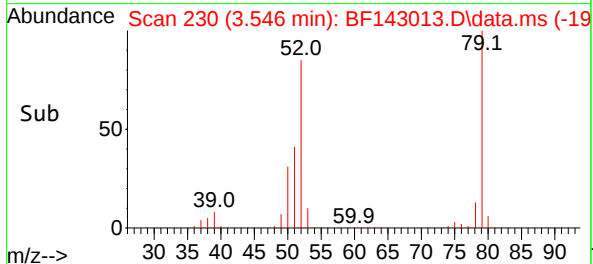
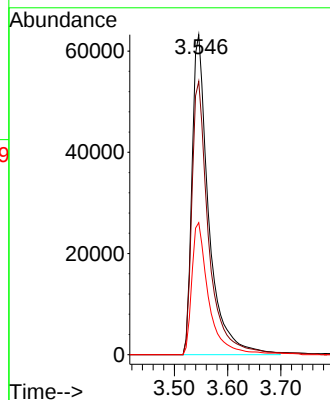
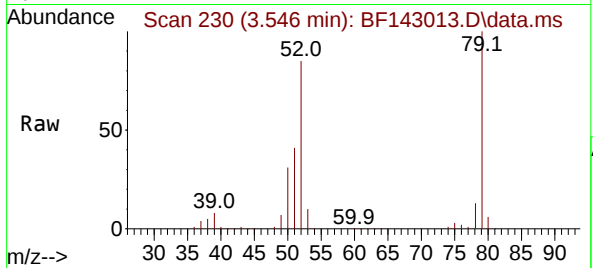




#3
Pyridine
Concen: 34.437 ng
RT: 3.546 min Scan# 219
Delta R.T. 0.135 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

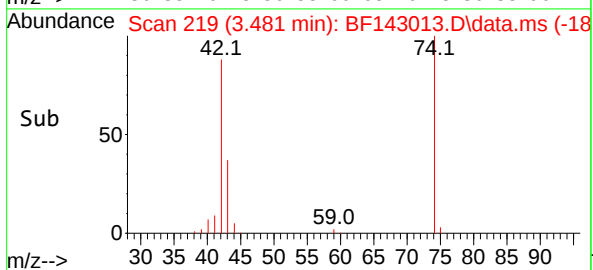
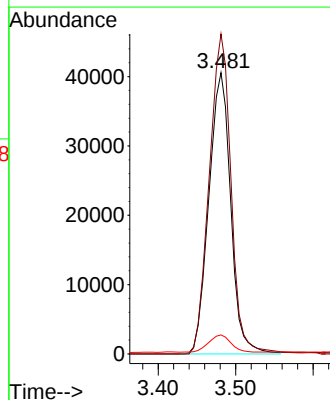
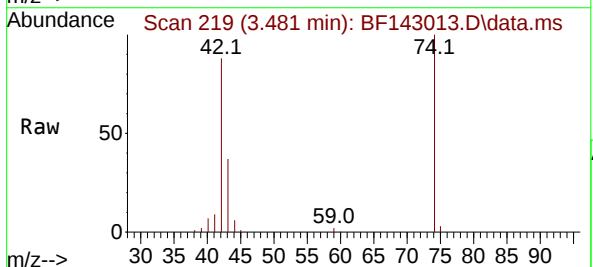
Instrument :
BNA_F
ClientSampleId :
WC-1MS

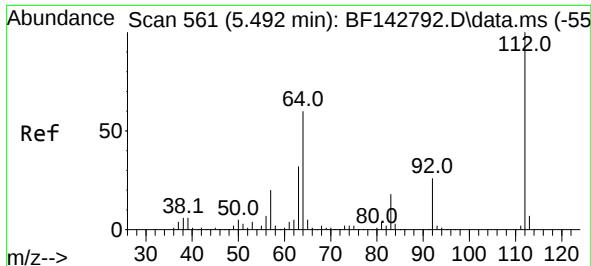
Tgt Ion: 79 Resp: 138352
Ion Ratio Lower Upper
79 100
52 85.4 69.2 103.8
51 41.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 38.314 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.124 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion: 42 Resp: 79599
Ion Ratio Lower Upper
42 100
74 113.8 90.9 136.3
44 6.8 5.8 8.6

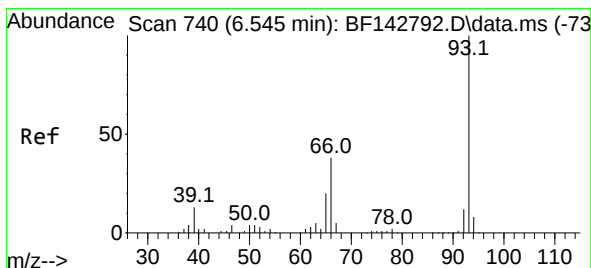
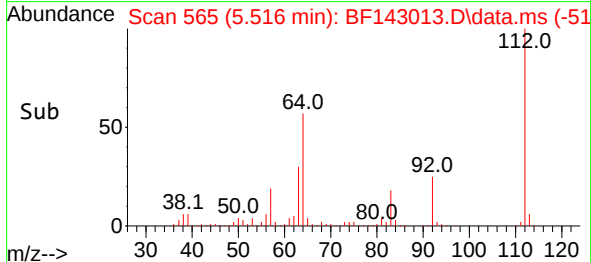
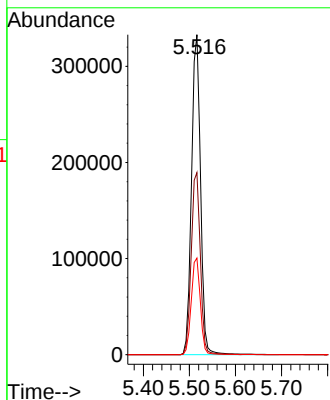
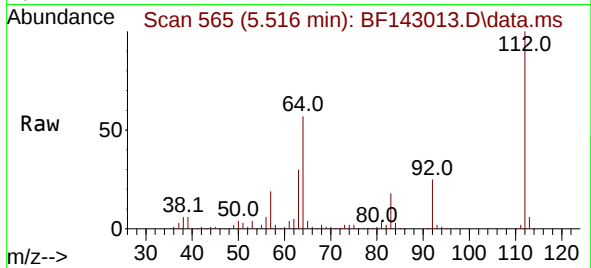




#5
2-Fluorophenol
Concen: 112.617 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

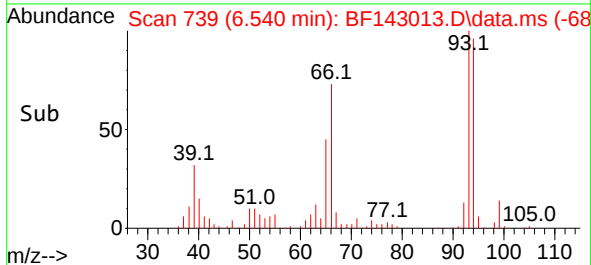
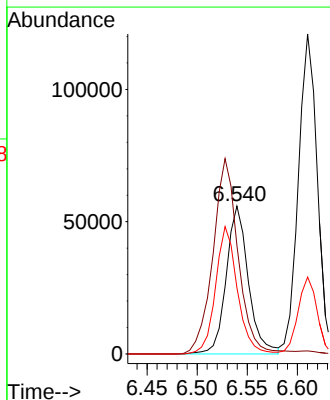
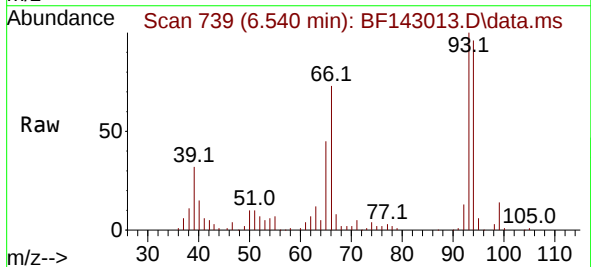
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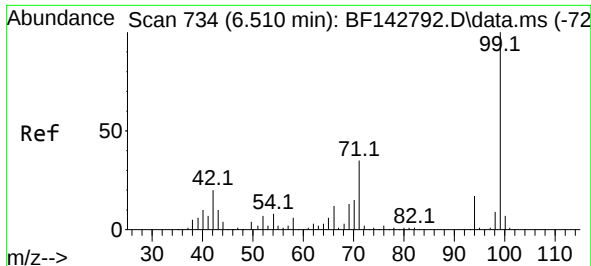
Tgt Ion:112 Resp: 451217
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 30.2 25.7 38.5



#6
Aniline
Concen: 13.647 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion: 93 Resp: 85836
Ion Ratio Lower Upper
93 100
66 73.4 31.8 47.6#
65 44.8 16.2 24.2#

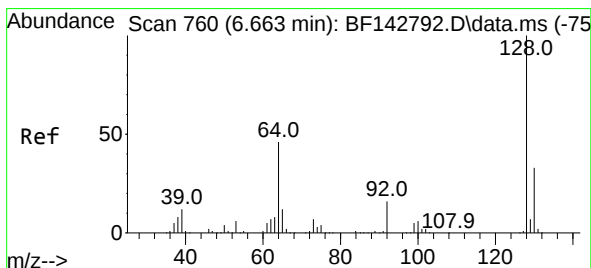
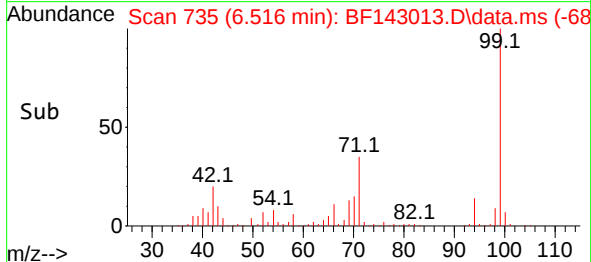
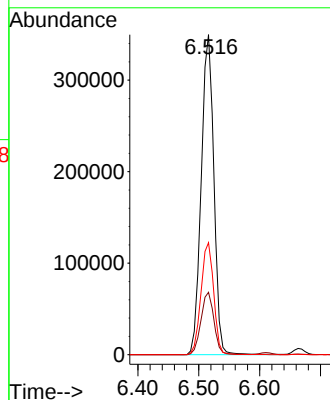
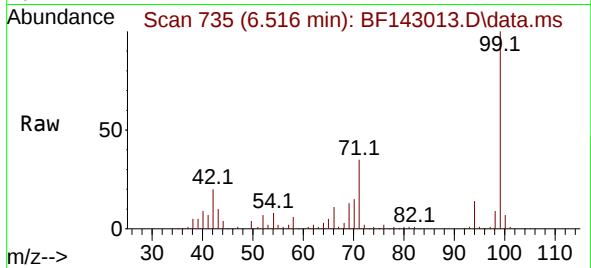




#7
Phenol-d6
Concen: 106.729 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

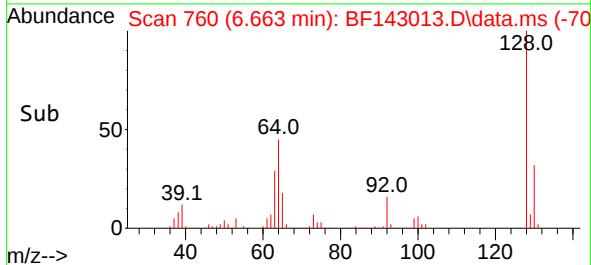
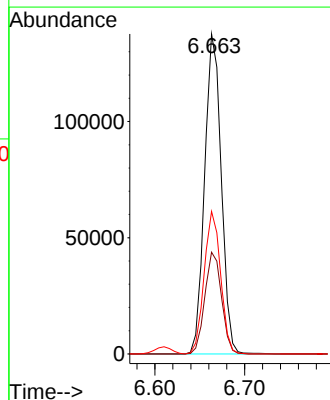
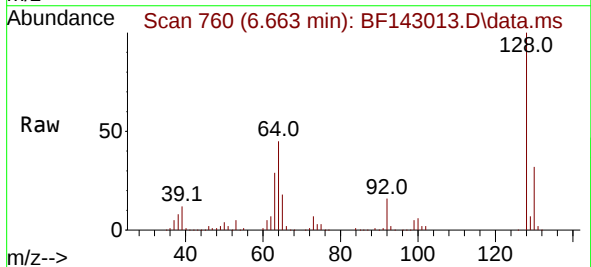
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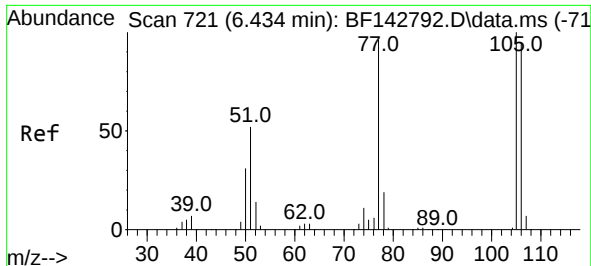
Tgt Ion: 99 Resp: 504517
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#8
2-Chlorophenol
Concen: 40.919 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion: 128 Resp: 176852
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 44.6 26.5 66.5

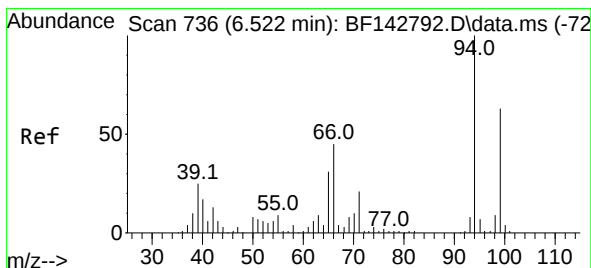
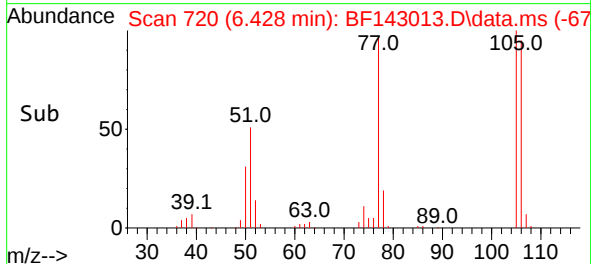
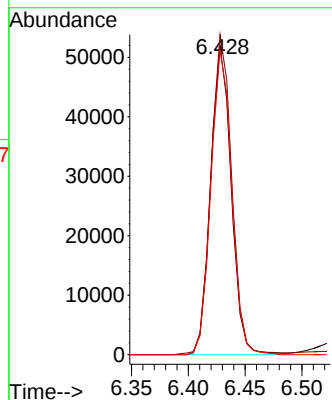
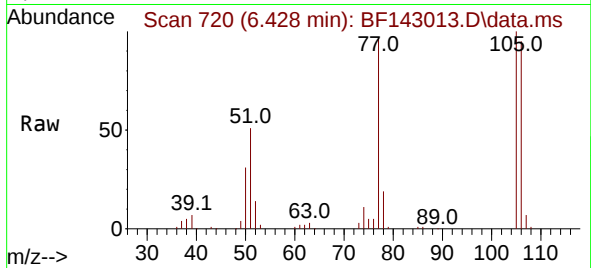




#9
Benzaldehyde
Concen: 23.382 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

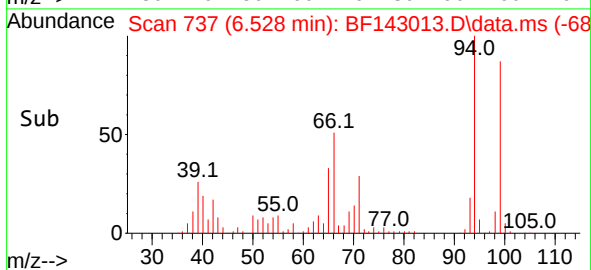
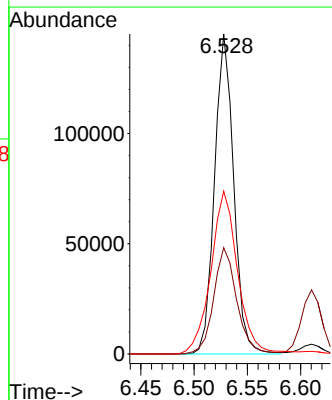
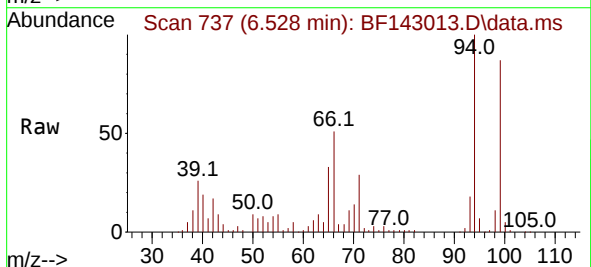
Instrument :
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ClientSampleId :
WC-1MS

Tgt Ion: 77 Resp: 65574
Ion Ratio Lower Upper
77 100
105 103.6 83.8 123.8
106 98.5 78.7 118.7



#10
Phenol
Concen: 34.552 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143013.D
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Tgt Ion: 94 Resp: 181551
Ion Ratio Lower Upper
94 100
65 33.2 11.3 51.3
66 50.9 24.9 64.9

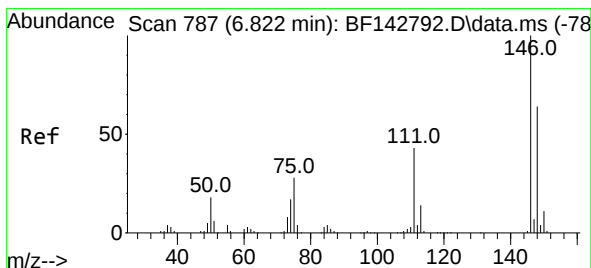
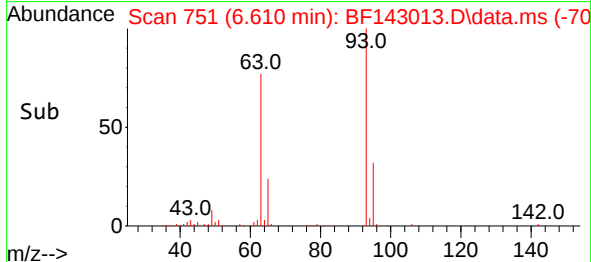
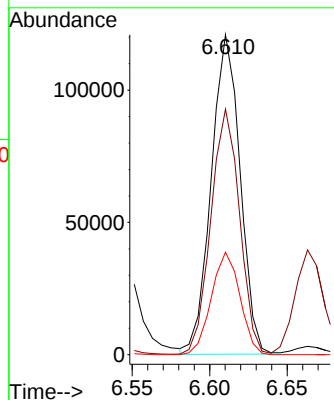
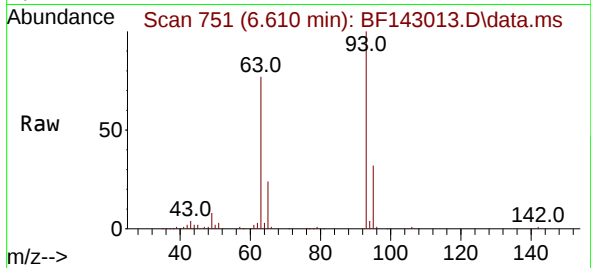




#11
bis(2-Chloroethyl)ether
Concen: 41.747 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

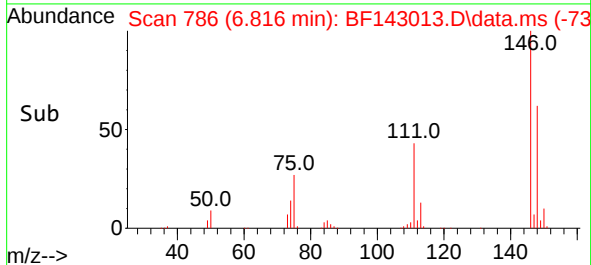
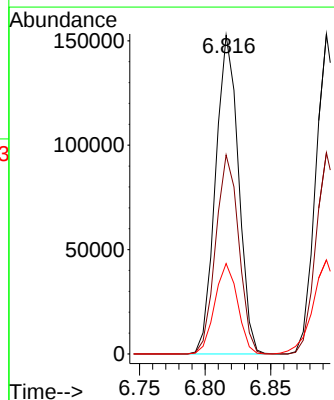
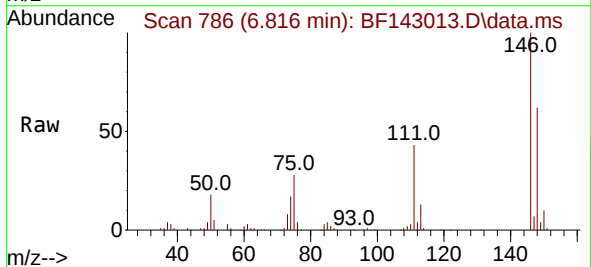
Instrument :
BNA_F
ClientSampleId :
WC-1MS

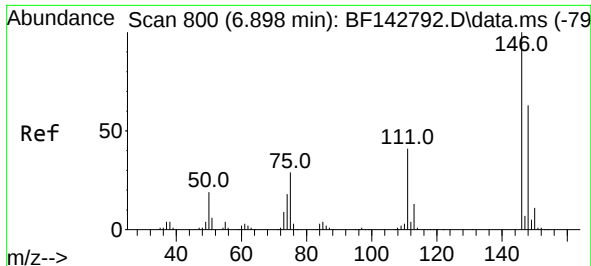
Tgt Ion: 93 Resp: 156781
Ion Ratio Lower Upper
93 100
63 76.7 60.3 100.3
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.366 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:146 Resp: 185452
Ion Ratio Lower Upper
146 100
148 62.4 51.1 76.7
75 28.4 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 38.232 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

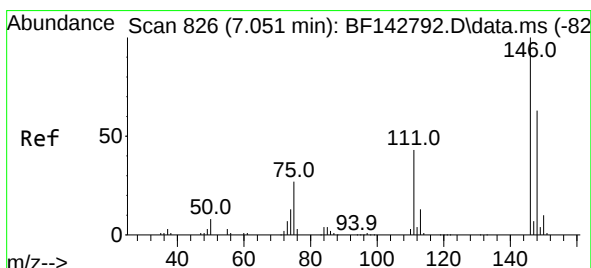
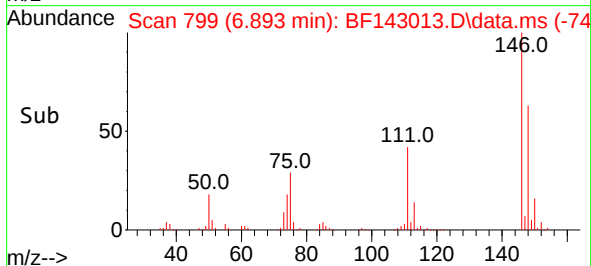
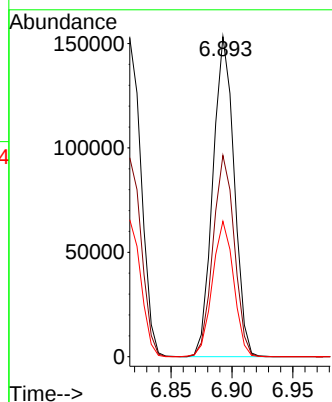
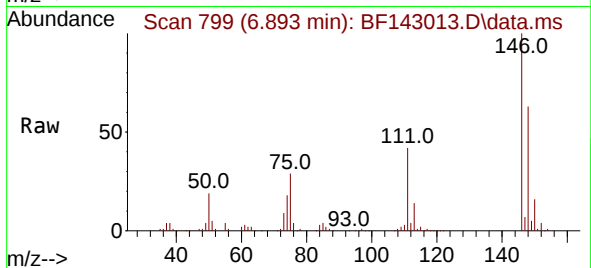
Tgt Ion:146 Resp: 186453

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 42.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 38.415 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

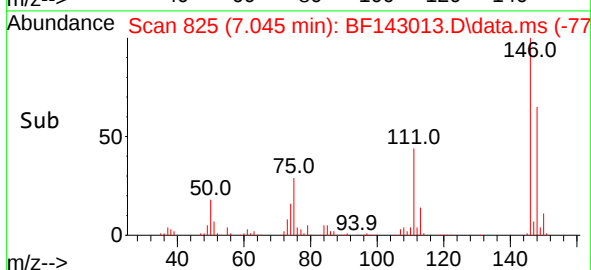
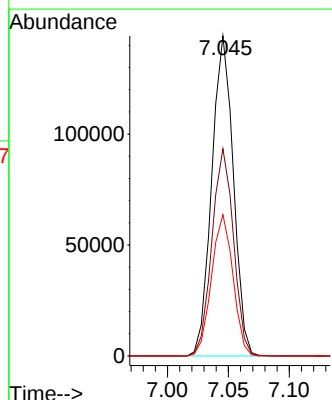
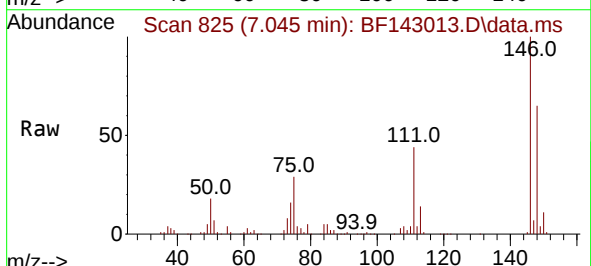
Tgt Ion:146 Resp: 177694

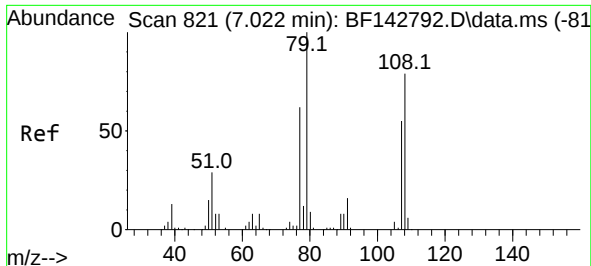
Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

111 44.1 34.1 51.1

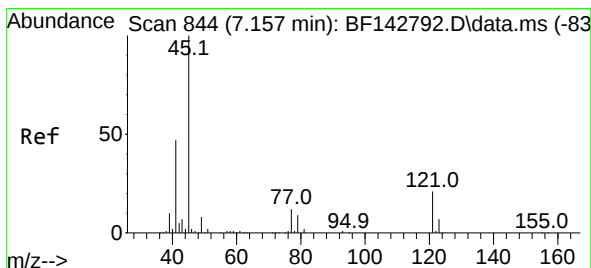
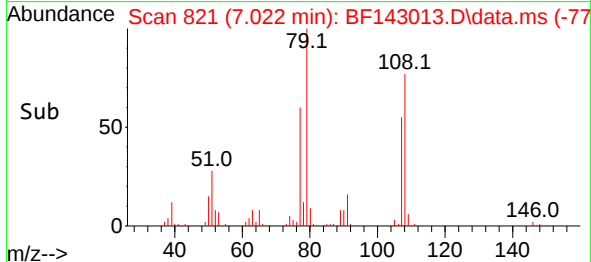
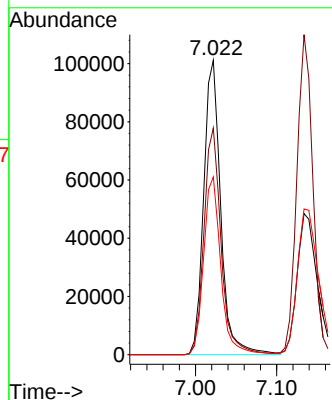
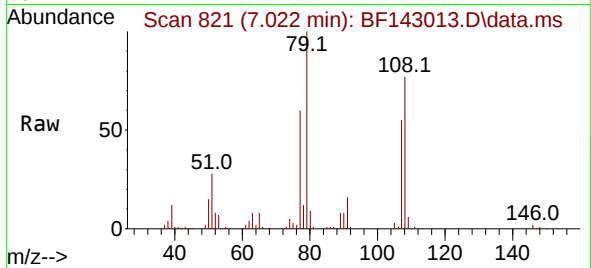




#15
Benzyl Alcohol
Concen: 43.125 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

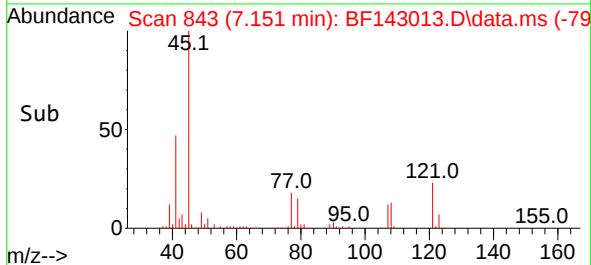
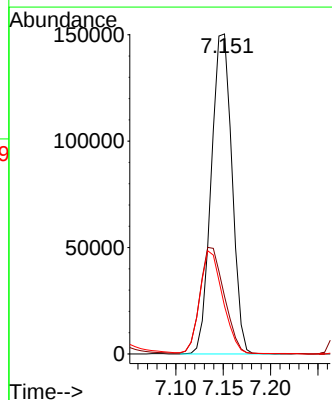
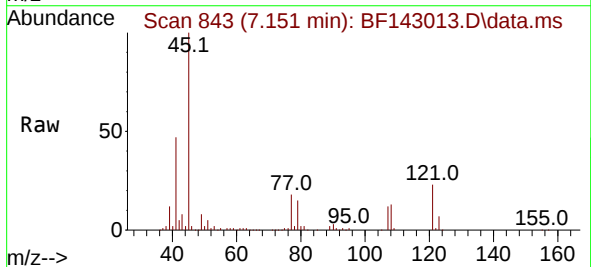
Instrument :
BNA_F
ClientSampleId :
WC-1MS

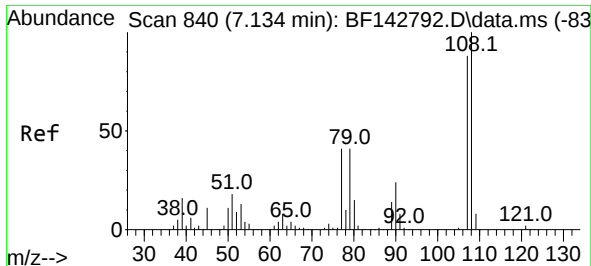
Tgt Ion: 79 Resp: 147375
Ion Ratio Lower Upper
79 100
108 77.0 63.4 95.0
77 60.4 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.883 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion: 45 Resp: 228576
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.8
79 14.9 0.0 29.8

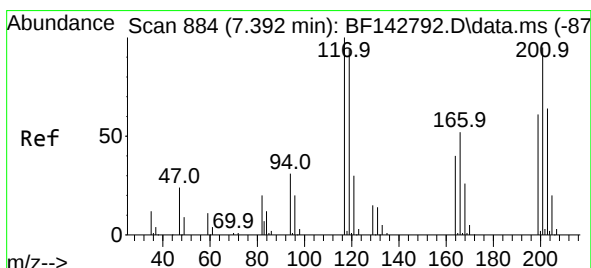
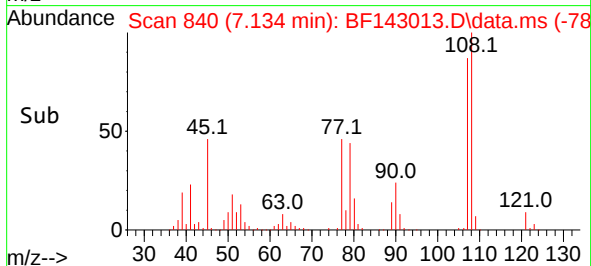
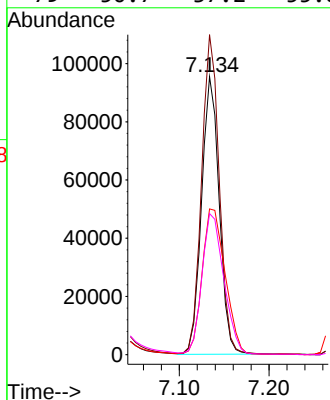
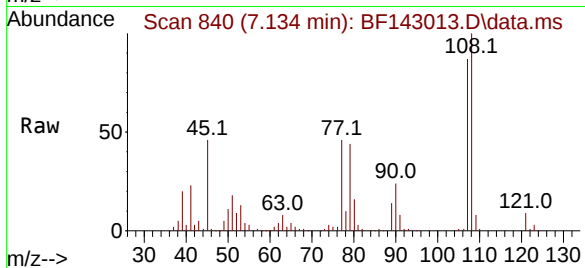




#17
2-Methylphenol
Concen: 39.842 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

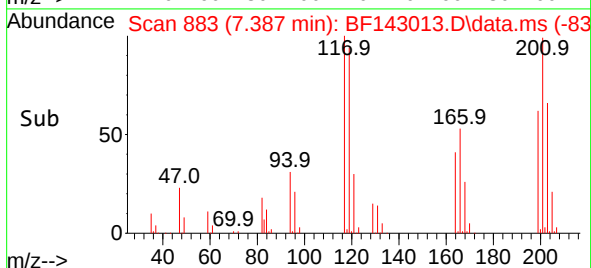
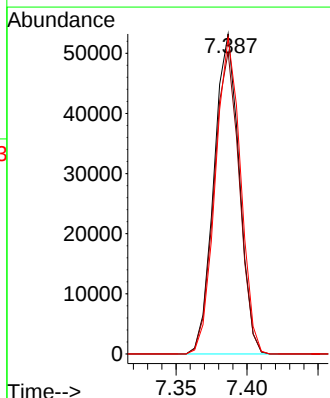
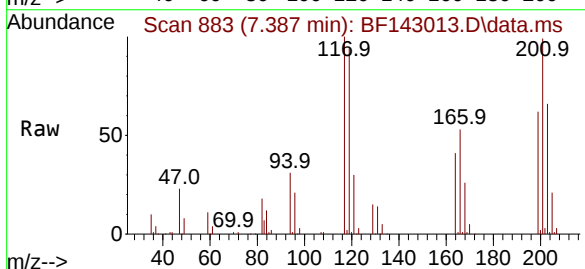
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:	107	Resp:	130494
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.9	136.3
77	52.4	37.3	55.9
79	50.7	37.2	55.8



#18
Hexachloroethane
Concen: 38.436 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:	117	Resp:	65563
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.0
201	98.9	75.9	113.9

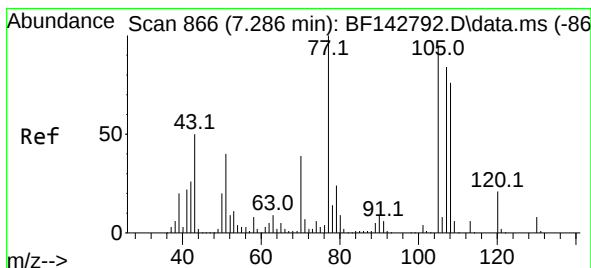
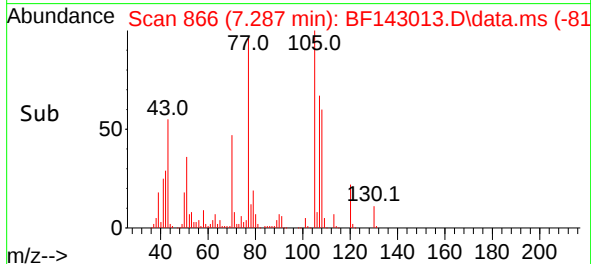
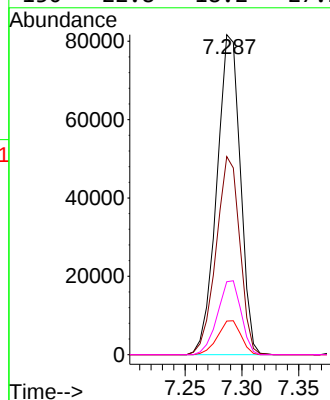
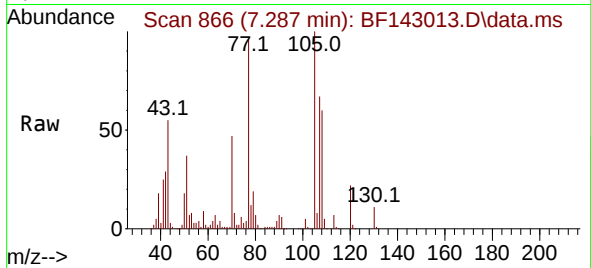




#19
n-Nitroso-di-n-propylamine
Concen: 42.819 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

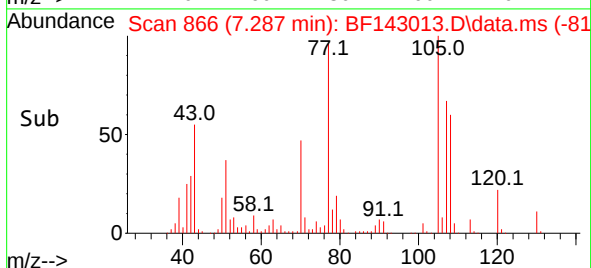
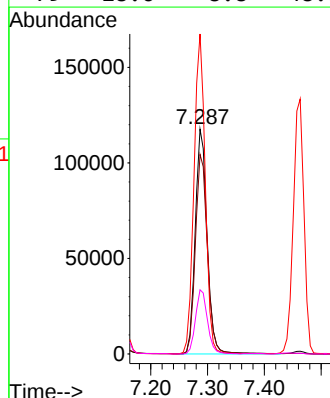
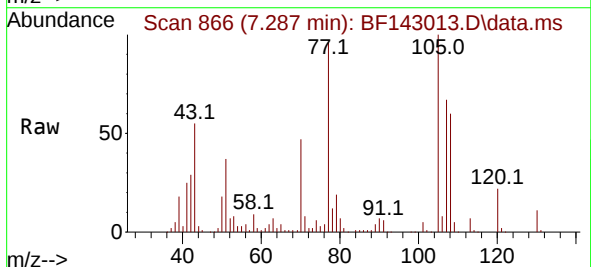
Instrument :
BNA_F
ClientSampleId :
WC-1MS

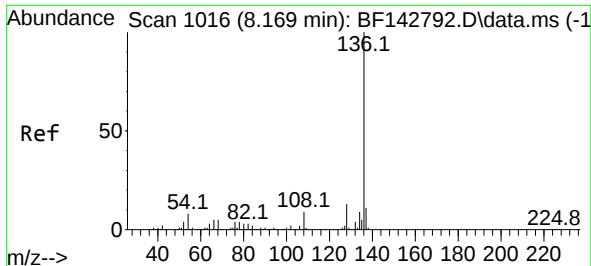
Tgt Ion: 70 Resp: 117722
Ion Ratio Lower Upper
70 100
42 61.9 52.1 78.1
101 10.5 8.2 12.2
130 22.8 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.087 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:107 Resp: 171872
Ion Ratio Lower Upper
107 100
108 88.7 70.0 110.0
77 142.3 98.5 138.5#
79 28.6 8.8 48.8

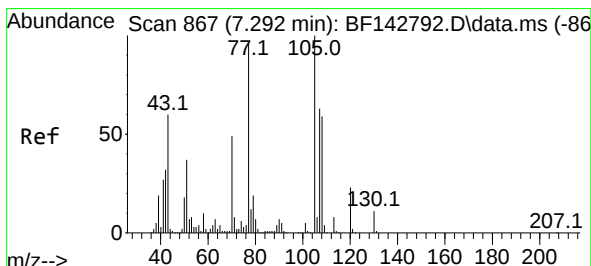
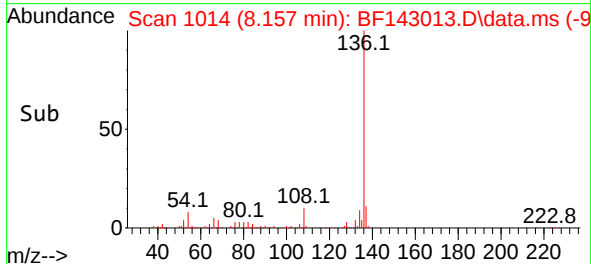
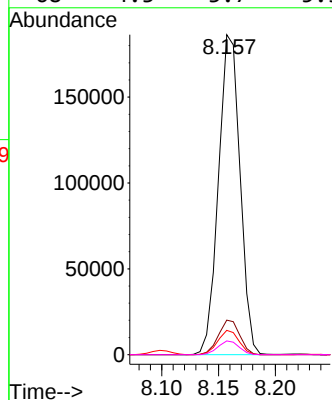
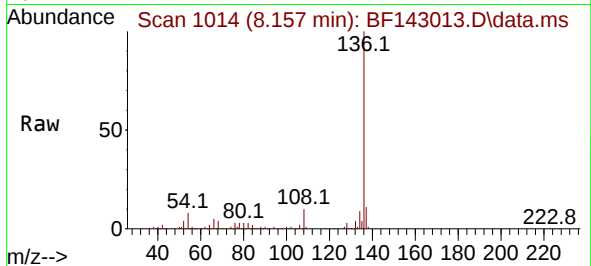




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

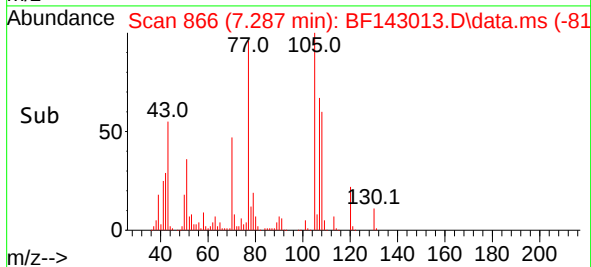
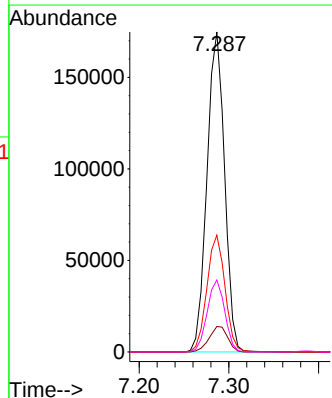
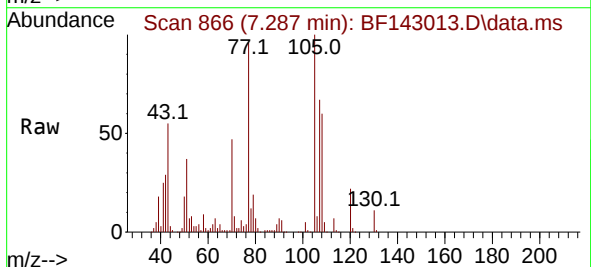
Instrument :
BNA_F
ClientSampleId :
WC-1MS

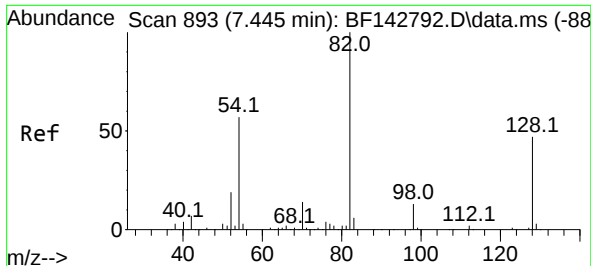
Tgt Ion	136	Resp:	246241
	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.6	6.3	9.5
68	4.3	3.7	5.5



#22
Acetophenone
Concen: 43.801 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt	Ion:105	Resp:	237842
Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.5	9.7
51	36.5	29.8	44.8
120	22.5	18.2	27.2





#23

Nitrobenzene-d5

Concen: 78.015 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

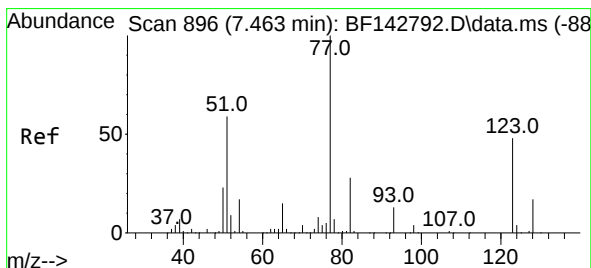
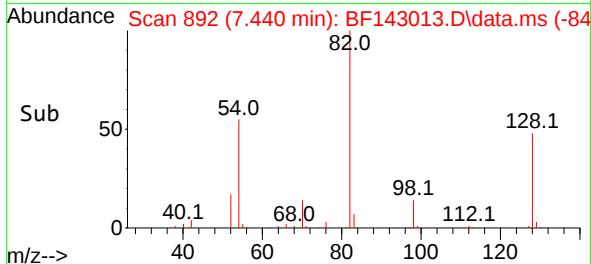
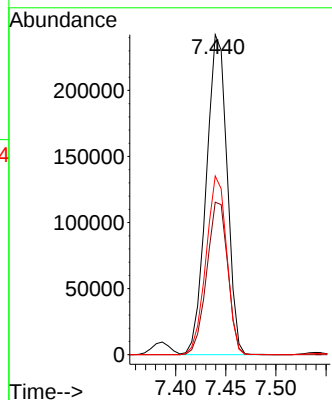
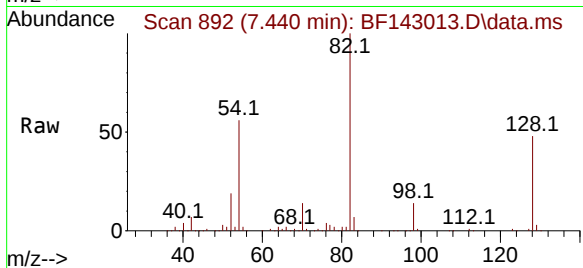
Tgt Ion: 82 Resp: 350233

Ion Ratio Lower Upper

82 100

128 47.7 37.7 56.5

54 55.9 45.7 68.5



#24

Nitrobenzene

Concen: 42.709 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

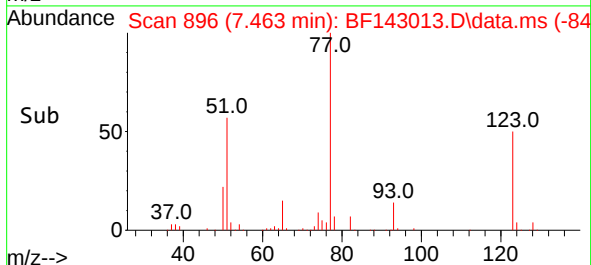
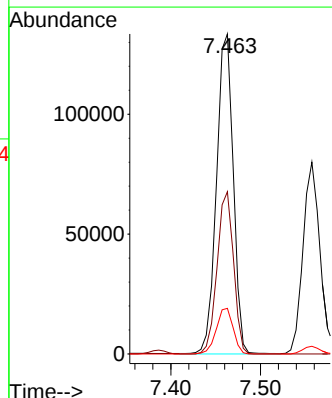
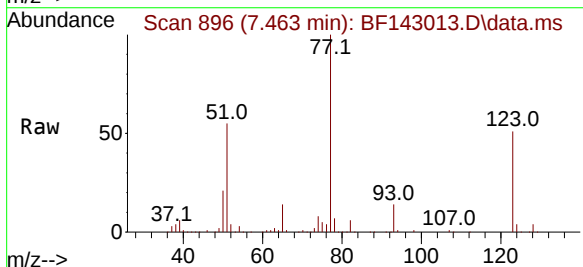
Tgt Ion: 77 Resp: 173536

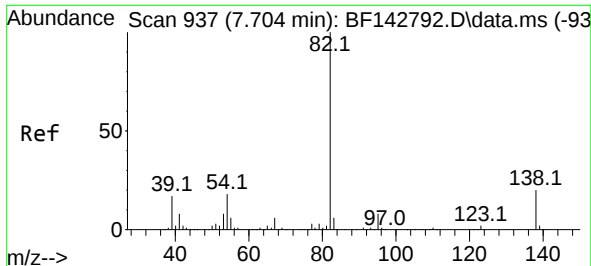
Ion Ratio Lower Upper

77 100

123 50.7 39.2 58.8

65 14.3 11.6 17.4

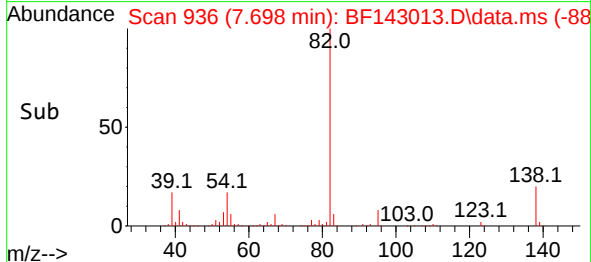
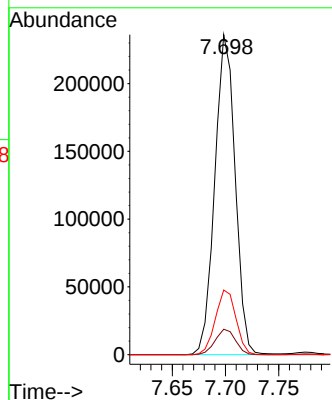
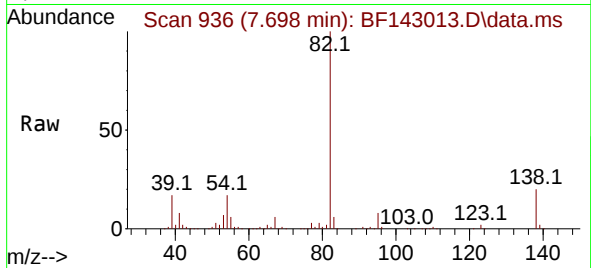




#25
Isophorone
Concen: 43.546 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

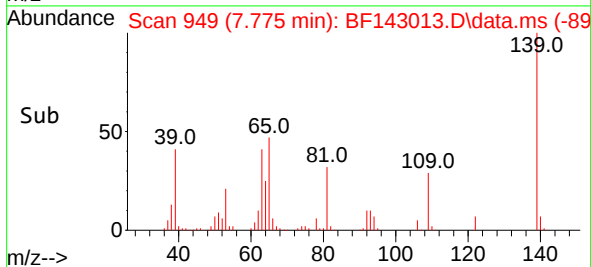
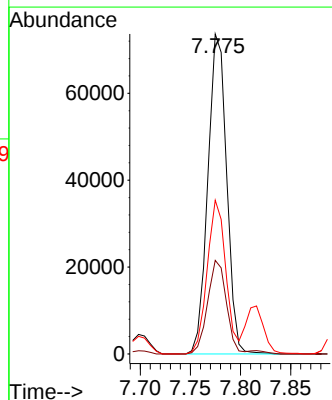
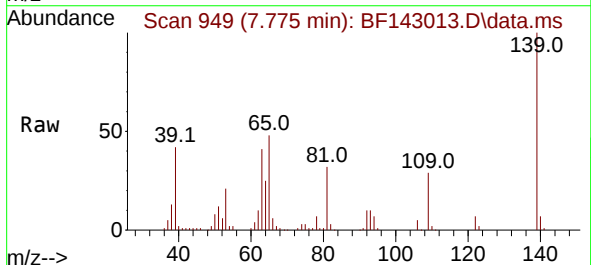
Instrument :
BNA_F
ClientSampleId :
WC-1MS

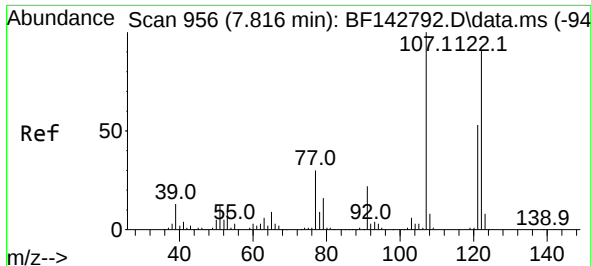
Tgt Ion: 82 Resp: 313596
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 43.565 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:139 Resp: 96426
Ion Ratio Lower Upper
139 100
109 29.2 22.7 34.1
65 48.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 38.826 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

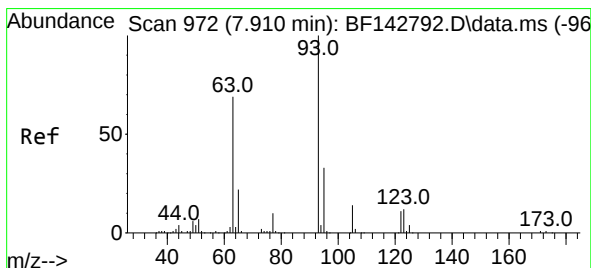
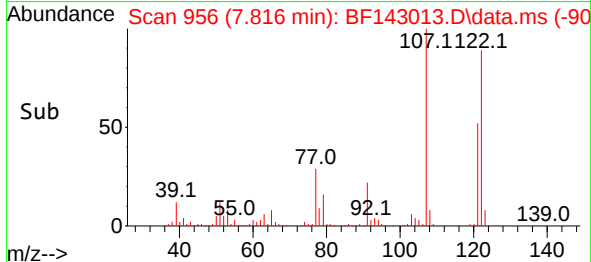
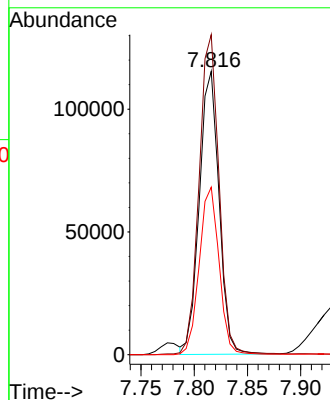
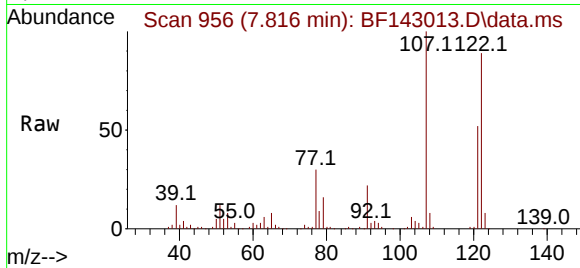
Tgt Ion:122 Resp: 148861

Ion Ratio Lower Upper

122 100

107 112.9 88.0 132.0

121 59.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.782 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

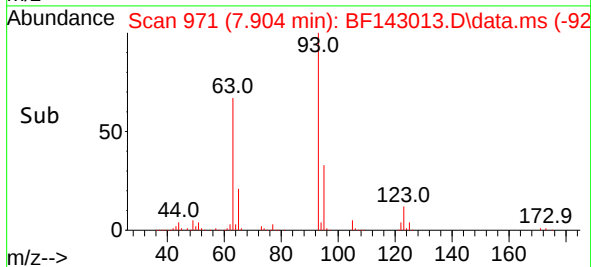
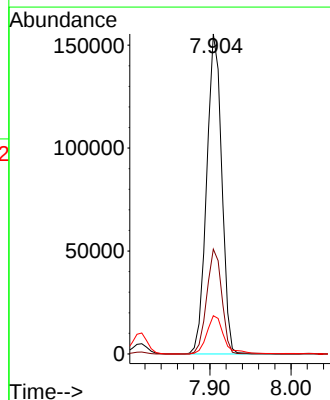
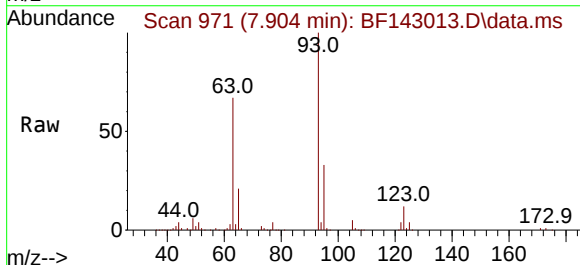
Tgt Ion: 93 Resp: 200453

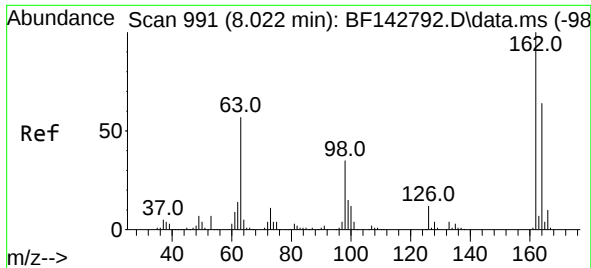
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.902 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

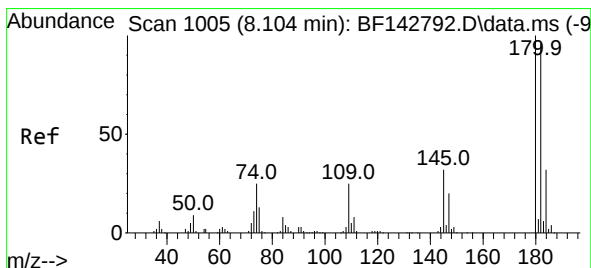
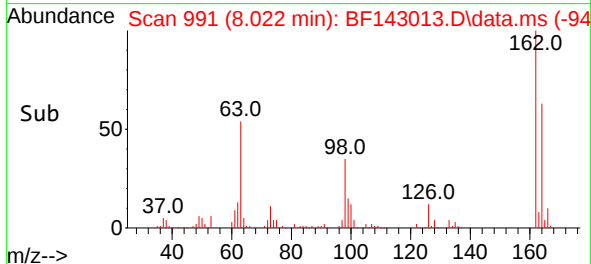
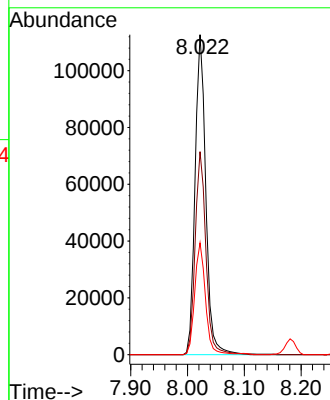
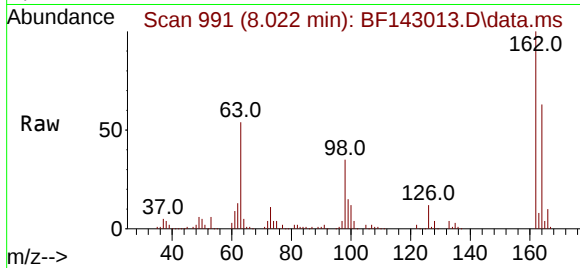
Tgt Ion:162 Resp: 149142

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 35.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 40.597 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

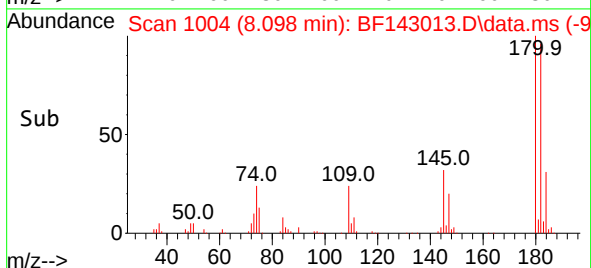
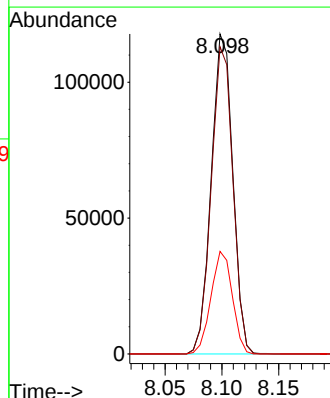
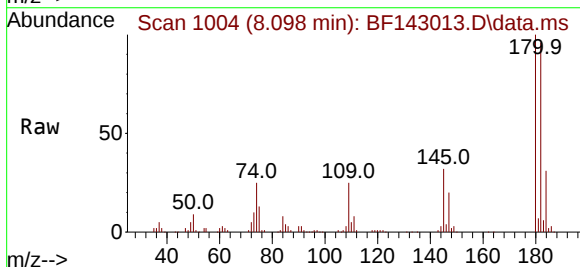
Tgt Ion:180 Resp: 155190

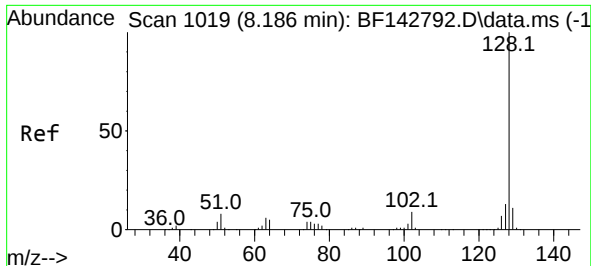
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.0 25.8 38.8

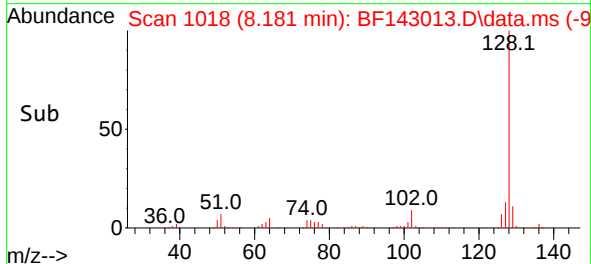
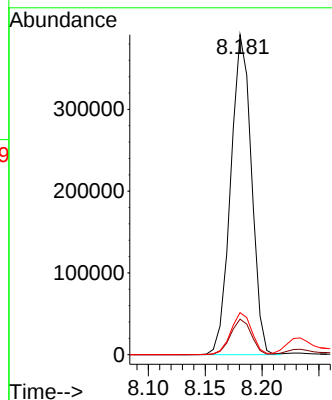
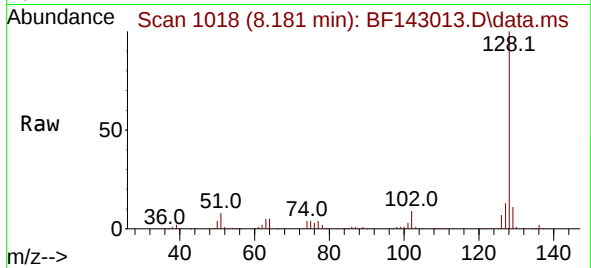




#31
Naphthalene
Concen: 41.238 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

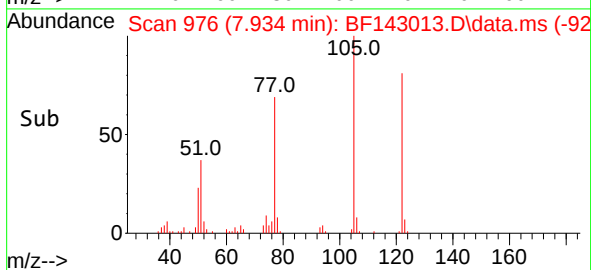
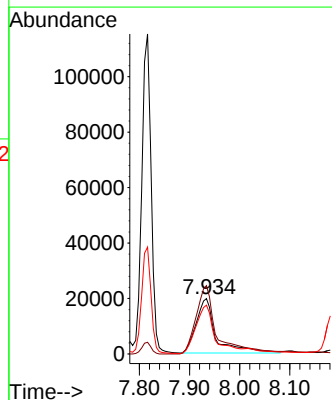
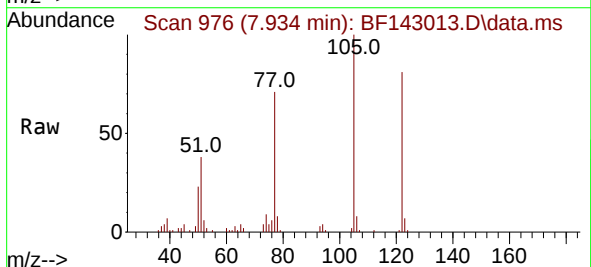
Instrument :
BNA_F
ClientSampleId :
WC-1MS

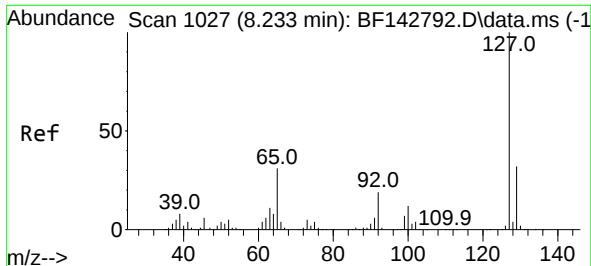
Tgt Ion:128 Resp: 497050
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 27.963 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:122 Resp: 54644
Ion Ratio Lower Upper
122 100
105 123.4 104.7 144.7
77 88.0 70.2 110.2

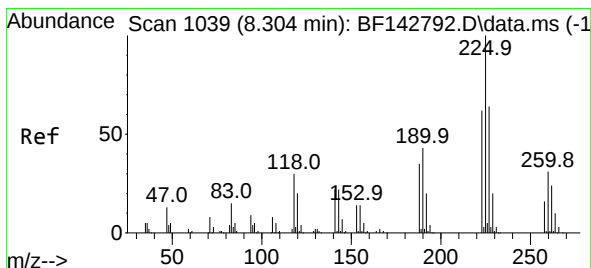
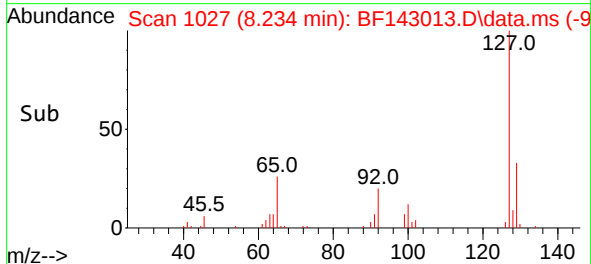
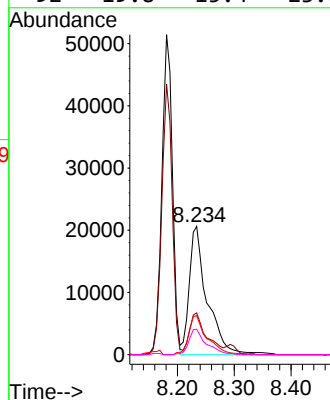
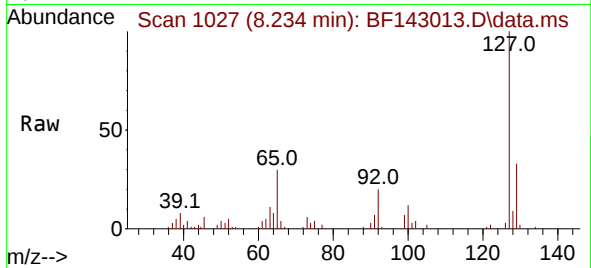




#33
4-Chloroaniline
Concen: 9.249 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

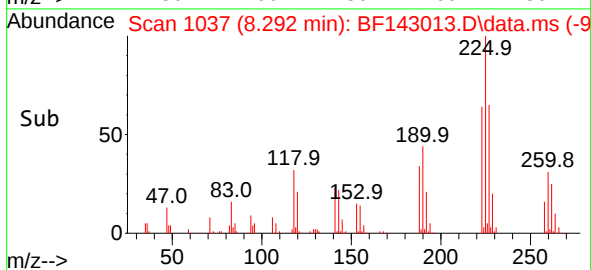
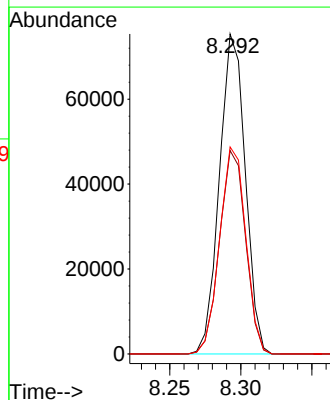
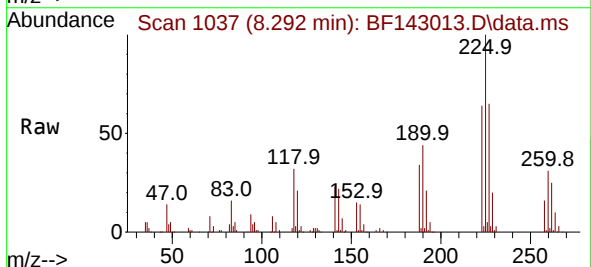
Instrument :
BNA_F
ClientSampleId :
WC-1MS

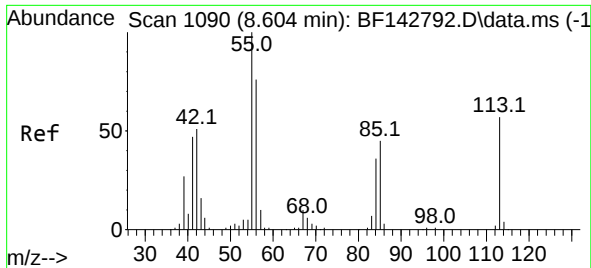
Tgt Ion:	127	Resp:	45328
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.4	24.6	36.8
92	19.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.800 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:	225	Resp:	95400
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	64.7	51.4	77.0

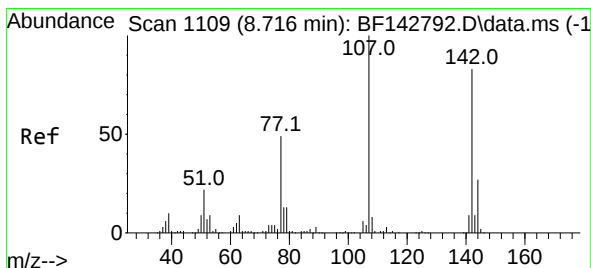
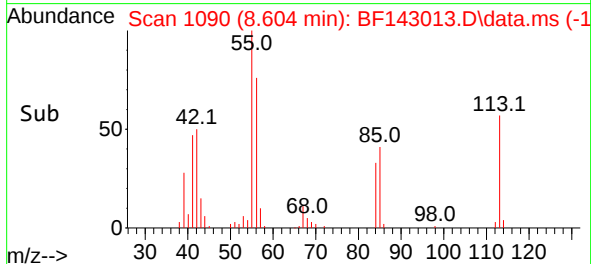
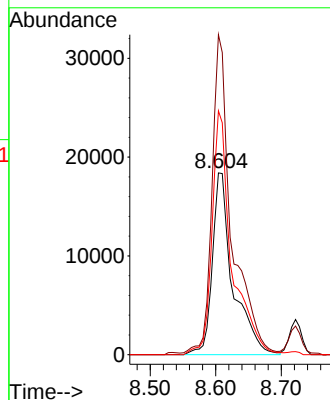
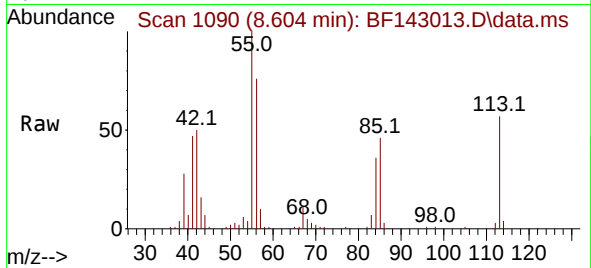




#35
 Caprolactam
 Concen: 43.649 ng
 RT: 8.604 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

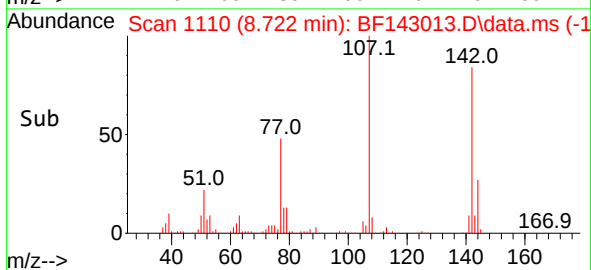
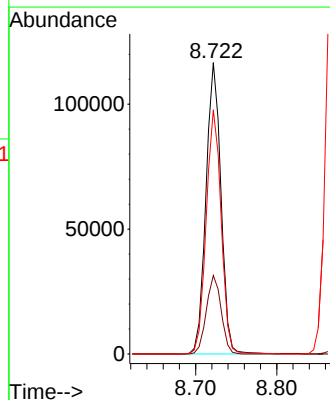
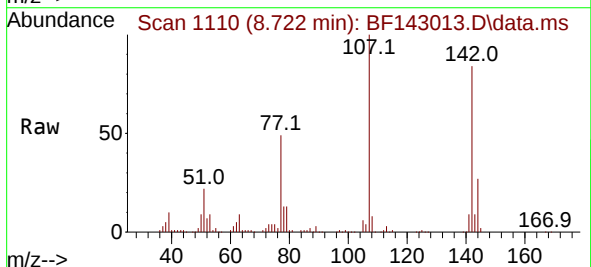
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

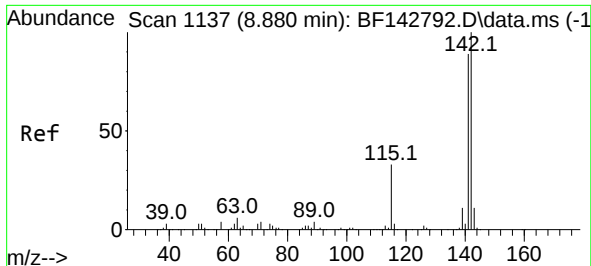
Tgt Ion:113 Resp: 40041
 Ion Ratio Lower Upper
 113 100
 55 176.0 154.4 194.4
 56 134.2 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.170 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

Tgt Ion:107 Resp: 149149
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 83.8 66.6 100.0

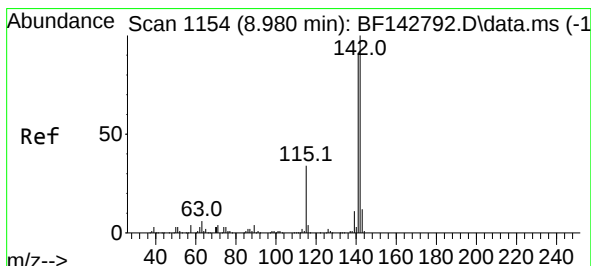
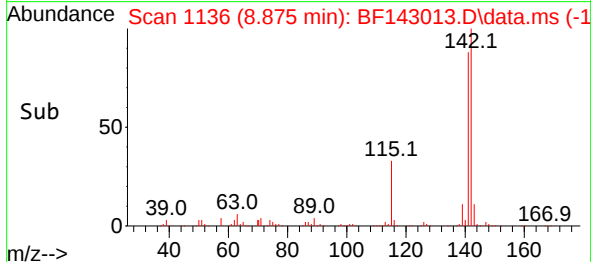
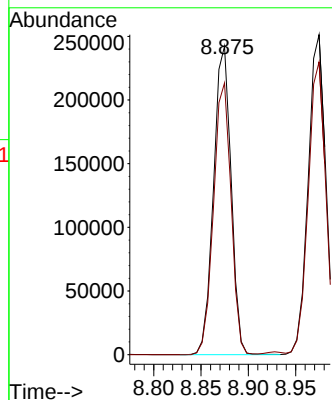
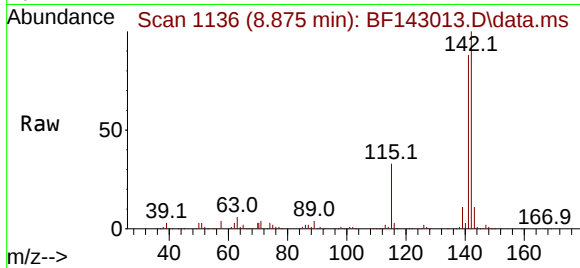




#37
2-Methylnaphthalene
Concen: 41.652 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

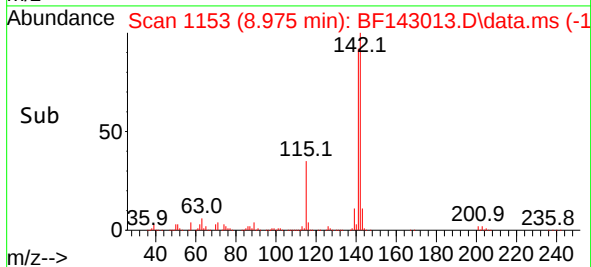
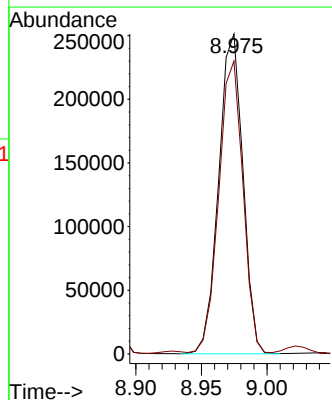
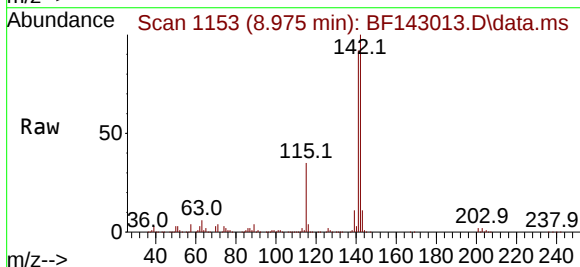
Instrument :
BNA_F
ClientSampleId :
WC-1MS

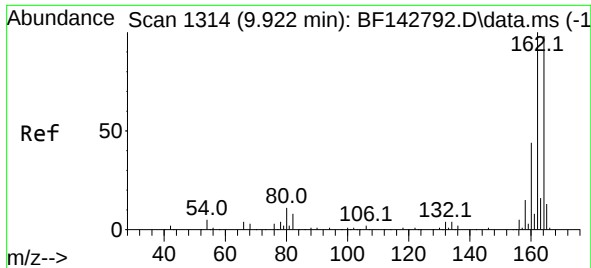
Tgt Ion:142 Resp: 311243
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.627 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:142 Resp: 322000
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

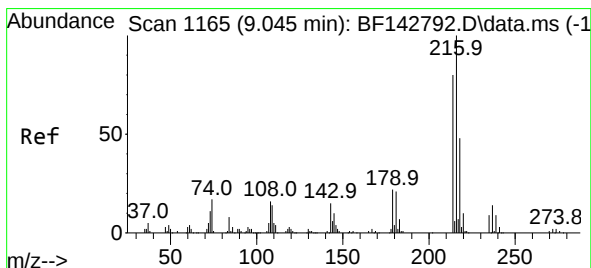
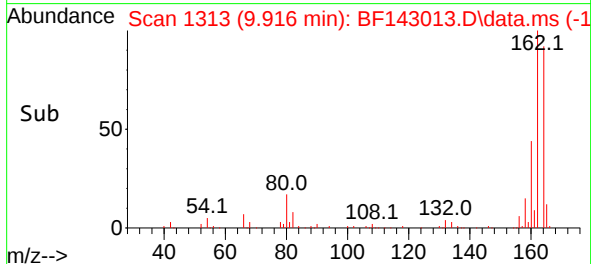
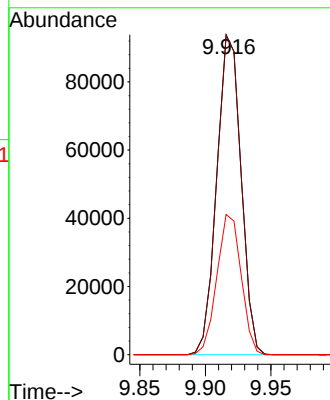
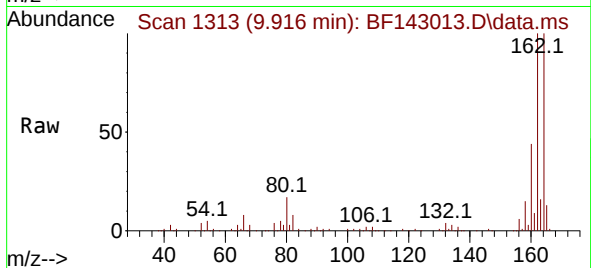
Tgt Ion:164 Resp: 120592

Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.8

160 43.8 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.541 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Tgt Ion:216 Resp: 158488

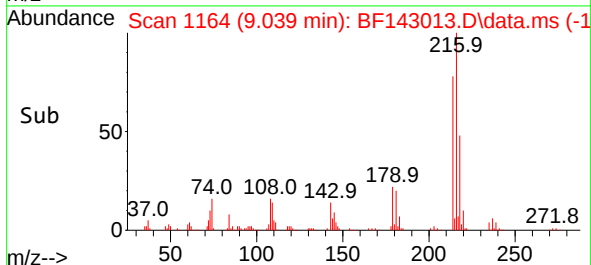
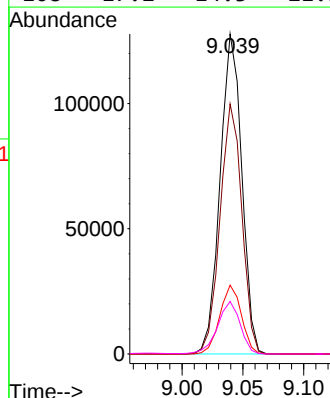
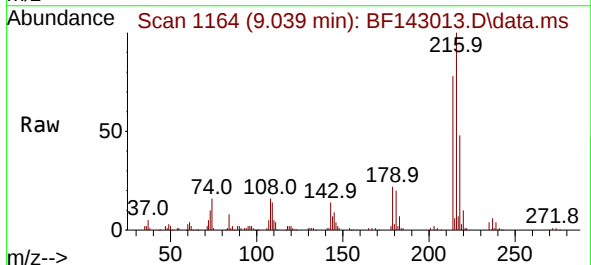
Ion Ratio Lower Upper

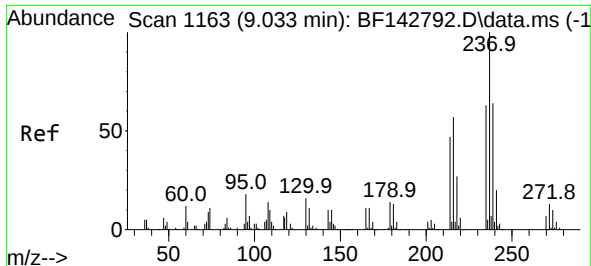
216 100

214 78.3 63.7 95.5

179 21.4 17.6 26.4

108 17.2 14.3 21.5

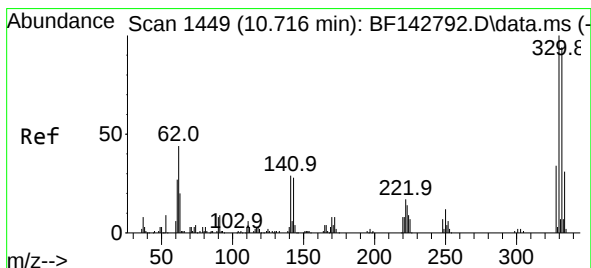
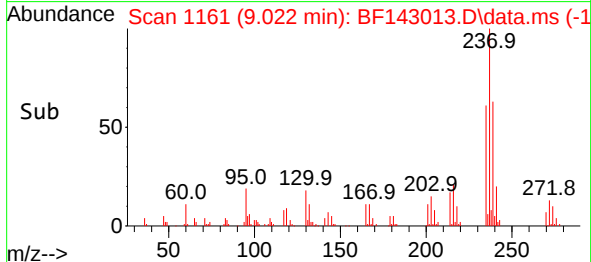
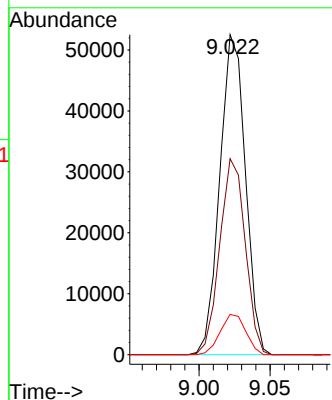
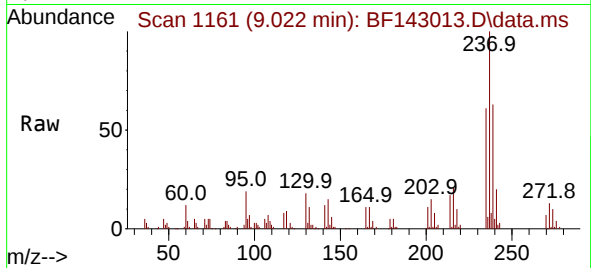




#41
 Hexachlorocyclopentadiene
 Concen: 32.612 ng
 RT: 9.022 min Scan# 1161
 Delta R.T. -0.012 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

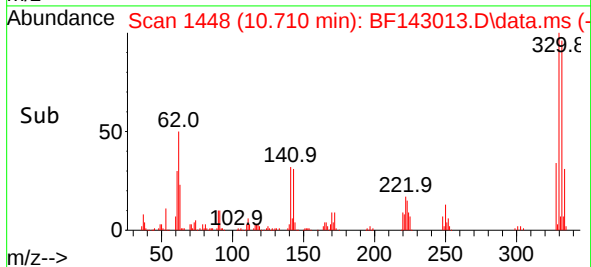
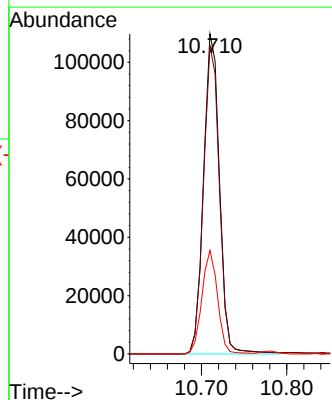
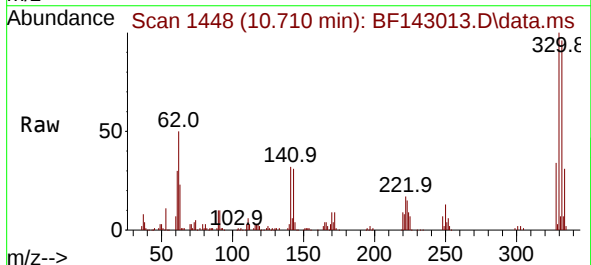
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

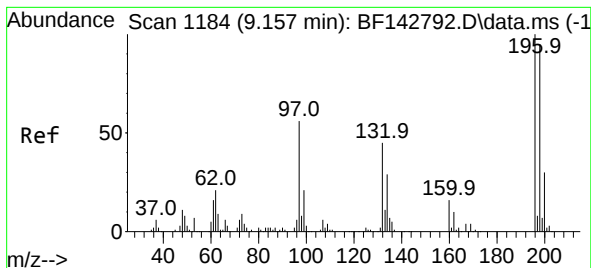
Tgt Ion:237 Resp: 65852
 Ion Ratio Lower Upper
 237 100
 235 61.3 43.4 83.4
 272 12.6 0.0 32.7



#42
 2,4,6-Tribromophenol
 Concen: 115.117 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

Tgt Ion:330 Resp: 142857
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.0 112.6
 141 31.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 43.432 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

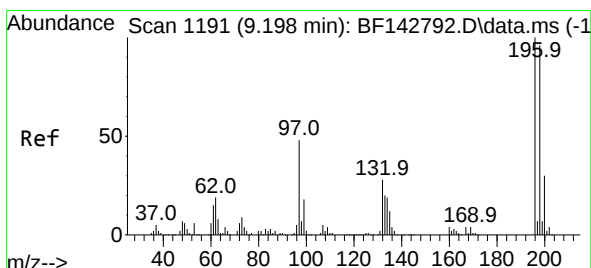
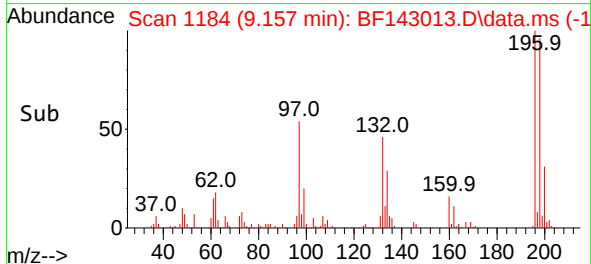
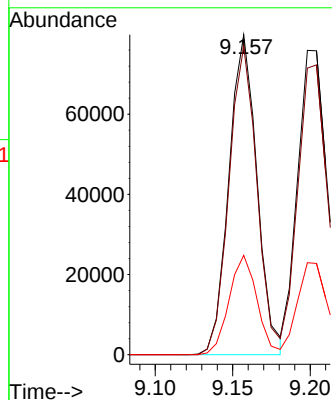
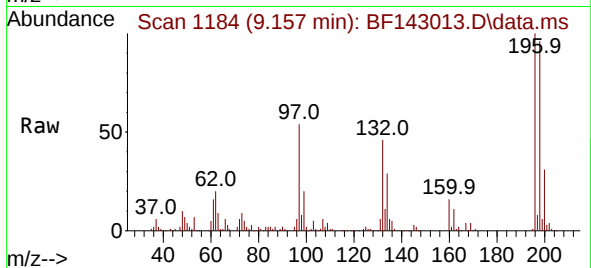
Tgt Ion:196 Resp: 100705

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.505 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Tgt Ion:196 Resp: 103747

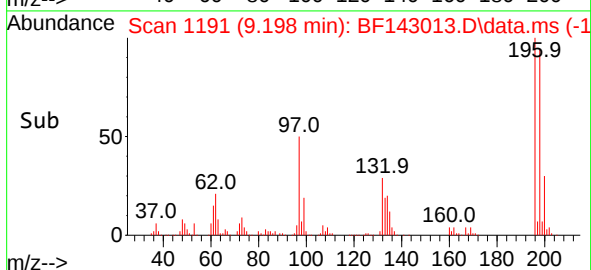
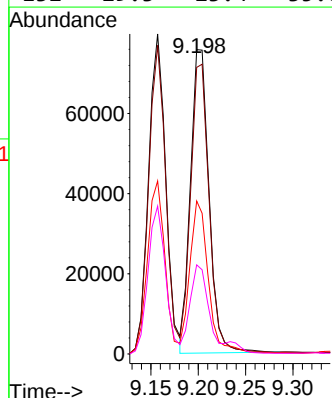
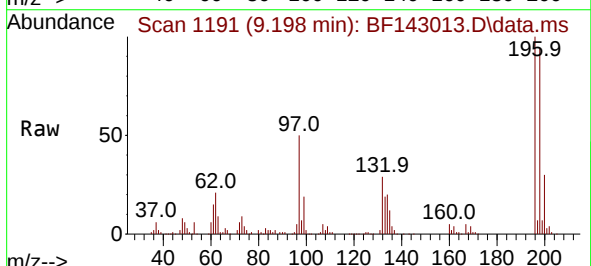
Ion Ratio Lower Upper

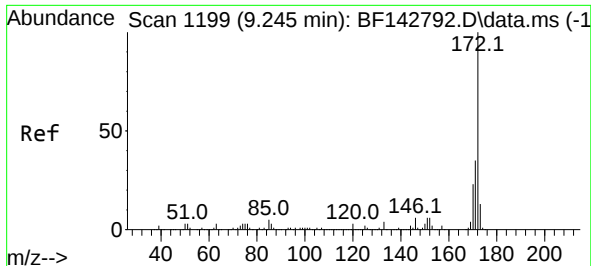
196 100

198 94.1 76.6 115.0

97 50.3 38.2 57.2

132 29.3 23.4 35.0

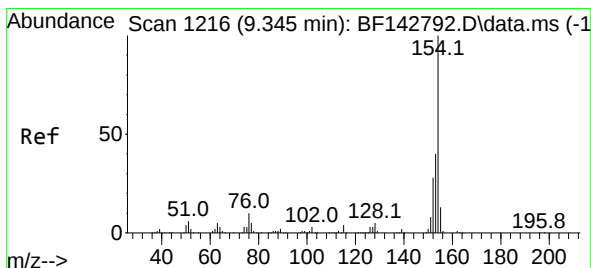
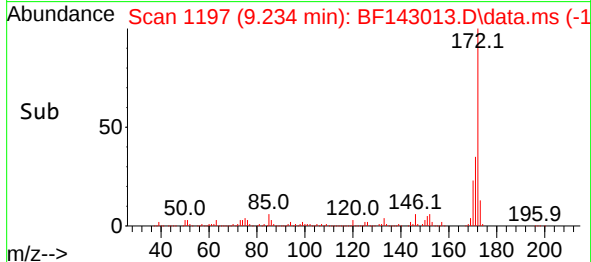
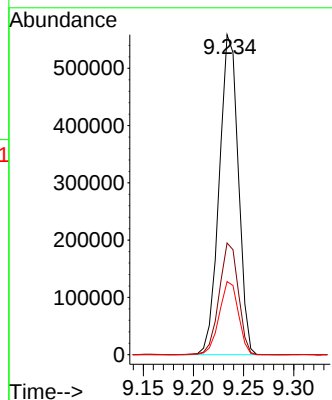
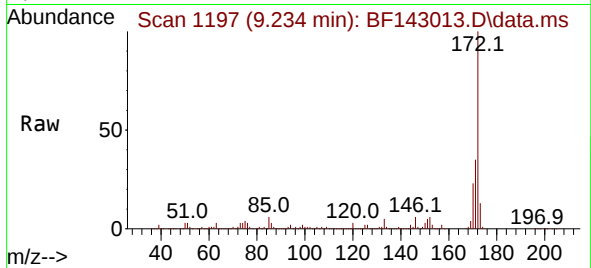




#45
2-Fluorobiphenyl
Concen: 80.299 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

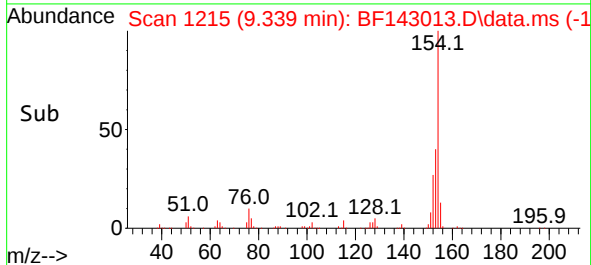
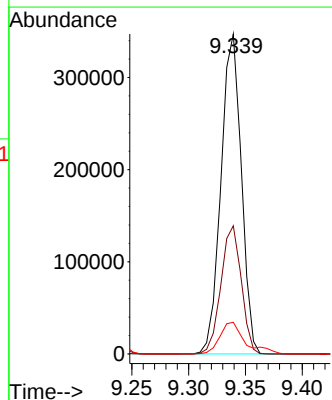
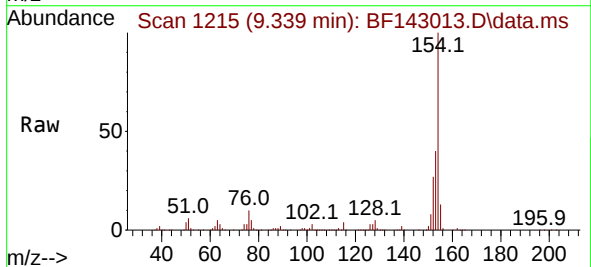
Instrument :
BNA_F
ClientSampleId :
WC-1MS

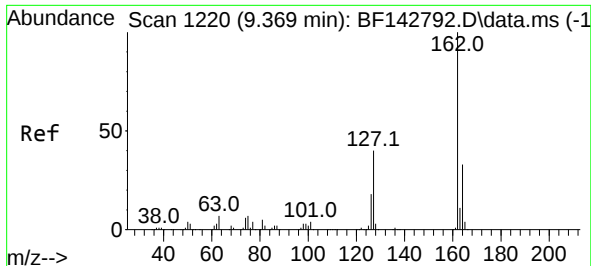
Tgt Ion:172 Resp: 737129
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.421 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:154 Resp: 432690
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 9.9 0.0 30.3

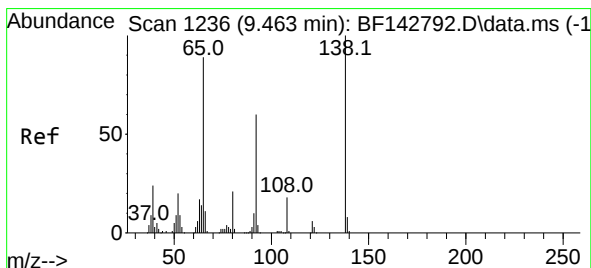
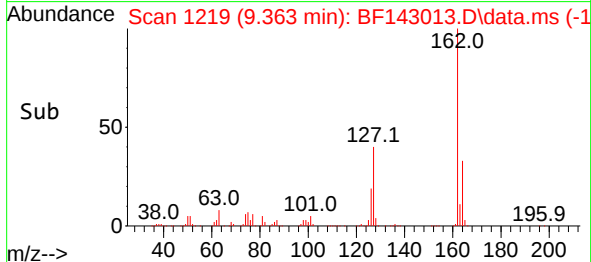
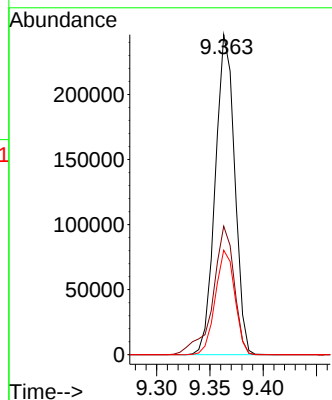
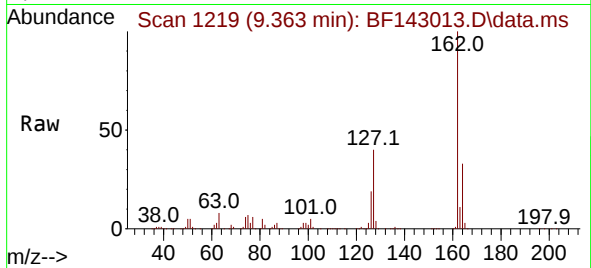




#47
2-Chloronaphthalene
Concen: 43.494 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

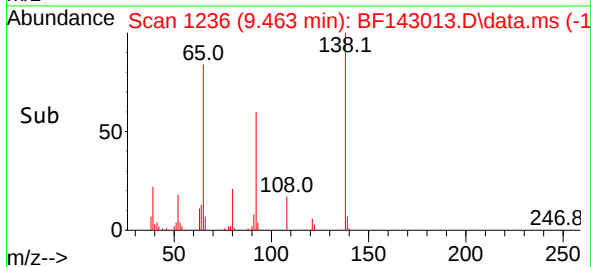
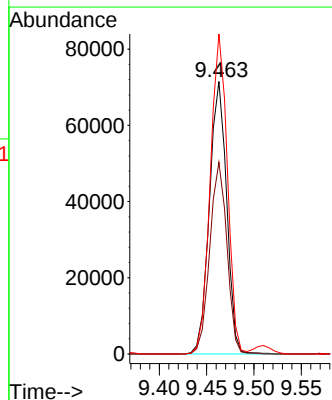
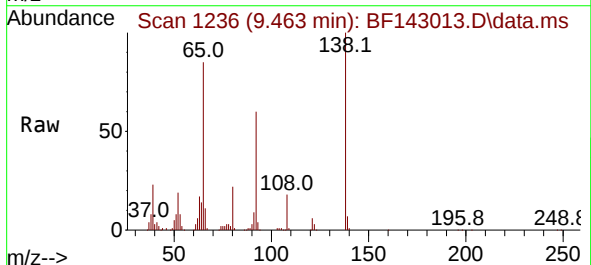
Instrument :
BNA_F
ClientSampleId :
WC-1MS

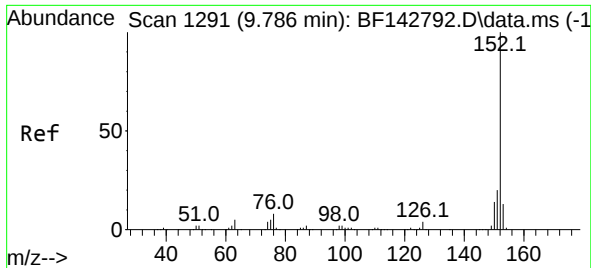
Tgt Ion:162 Resp: 310925
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 45.123 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion: 65 Resp: 90433
Ion Ratio Lower Upper
65 100
92 70.4 53.8 80.6
138 117.5 89.6 134.4

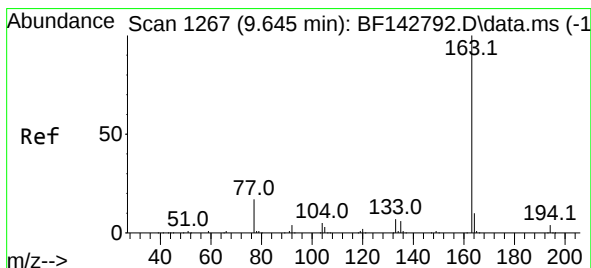
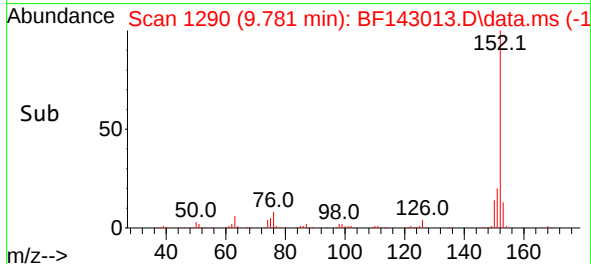
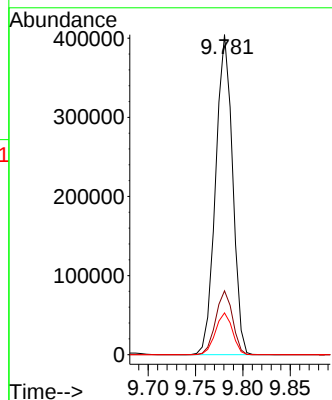
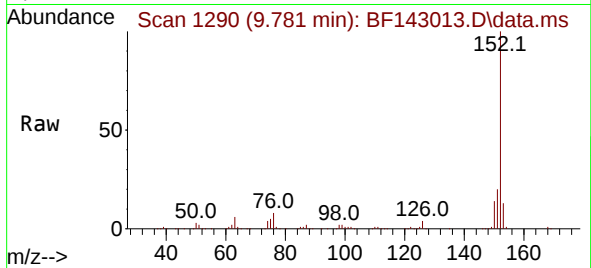




#49
Acenaphthylene
Concen: 42.724 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

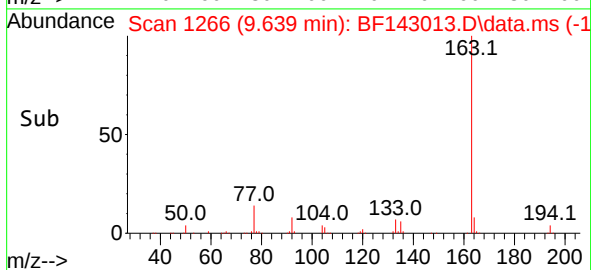
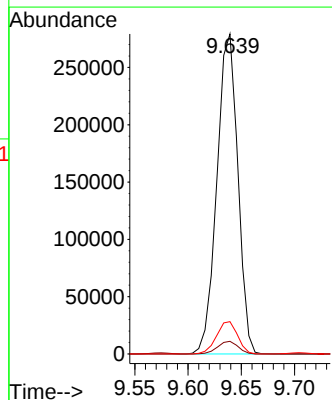
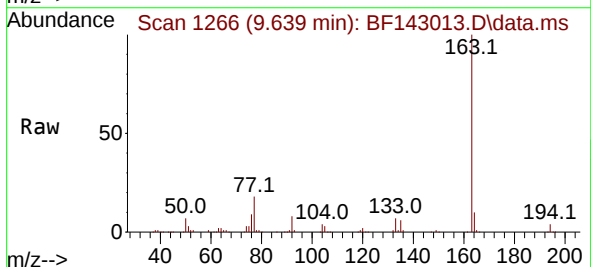
Instrument :
BNA_F
ClientSampleId :
WC-1MS

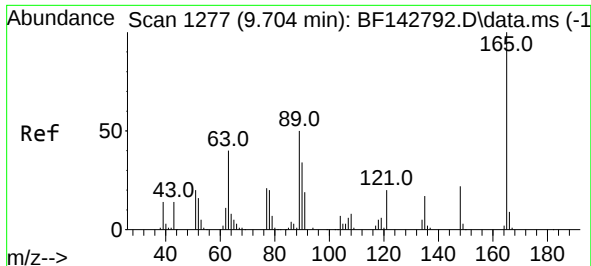
Tgt Ion:152 Resp: 502790
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 48.850 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:163 Resp: 381326
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.183 ng

RT: 9.704 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

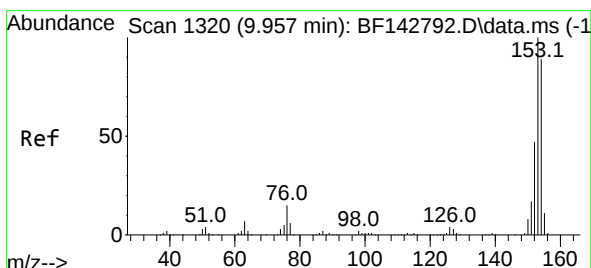
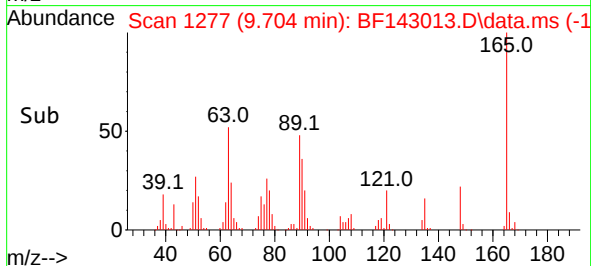
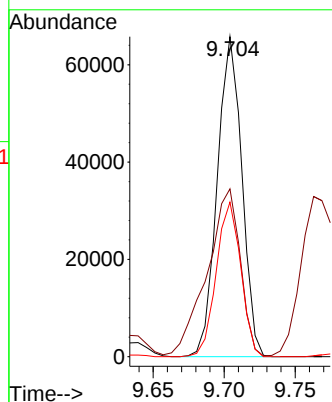
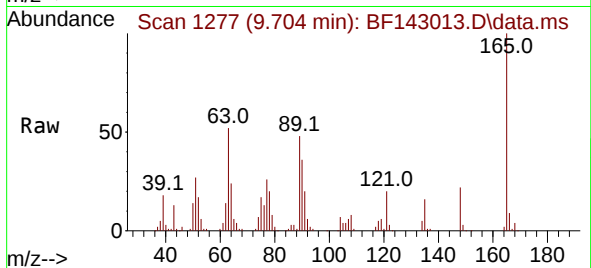
Tgt Ion:165 Resp: 79170

Ion Ratio Lower Upper

165 100

63 52.4 44.2 66.4

89 48.3 39.8 59.8



#52

Acenaphthene

Concen: 40.109 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

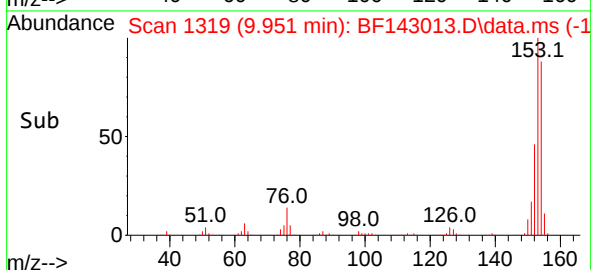
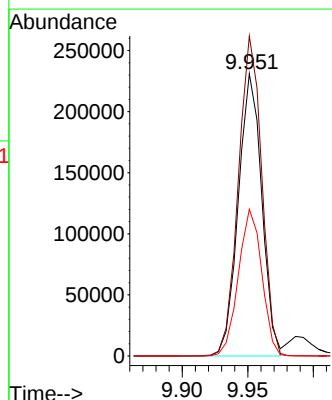
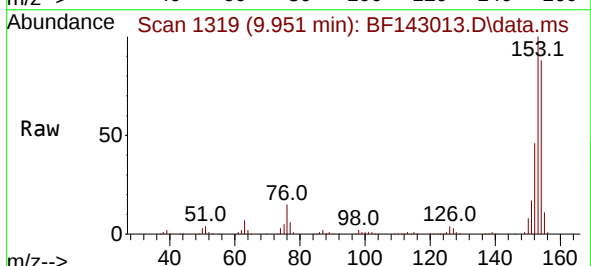
Tgt Ion:154 Resp: 287989

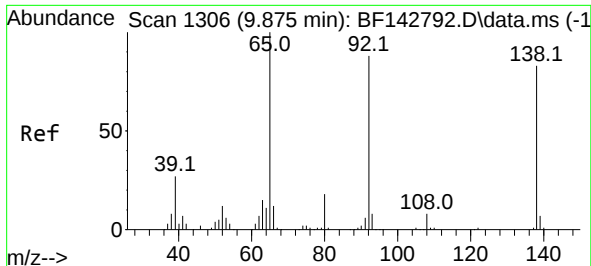
Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

152 52.0 41.9 62.9

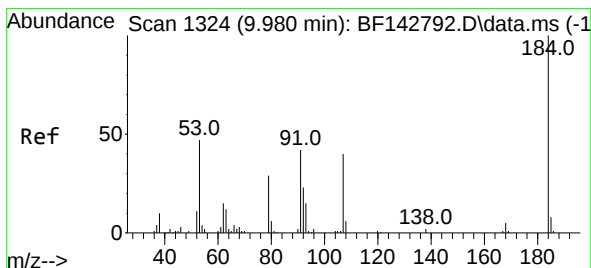
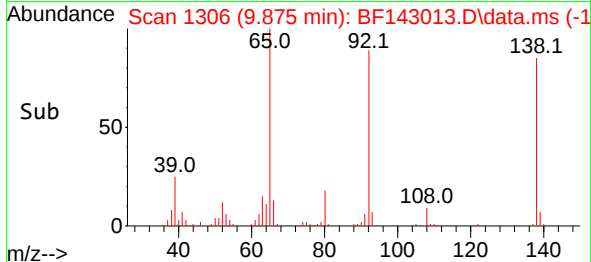
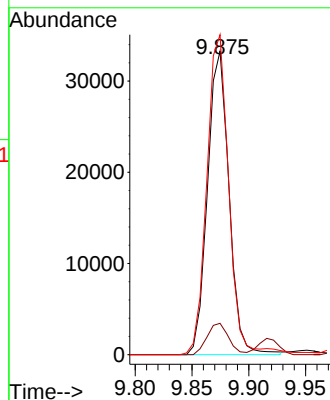
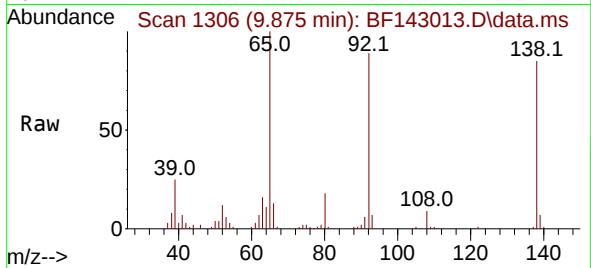




#53
3-Nitroaniline
Concen: 23.229 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

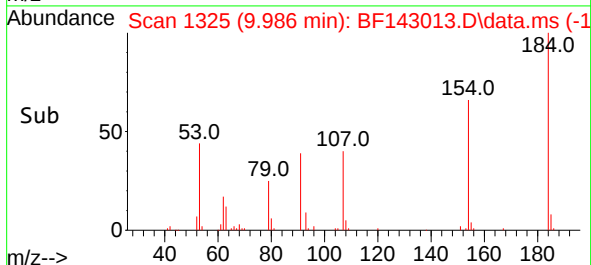
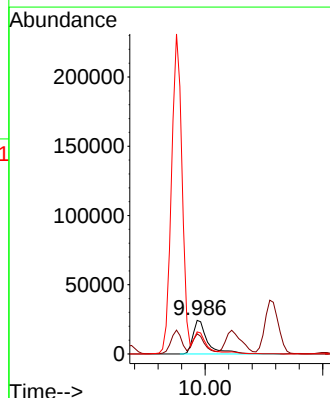
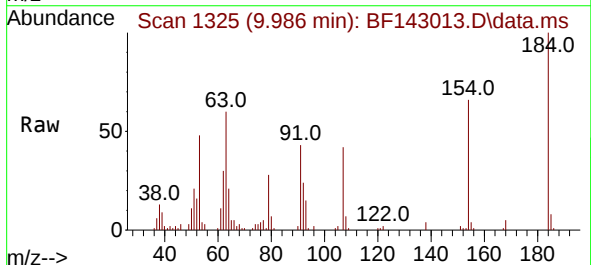
Instrument :
BNA_F
ClientSampleId :
WC-1MS

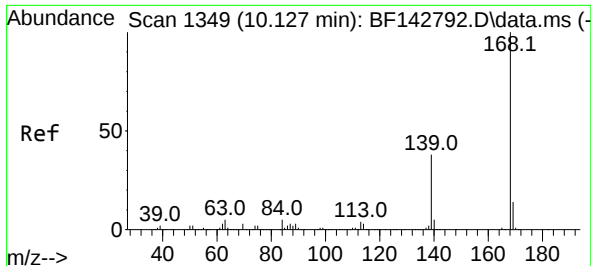
Tgt Ion:138 Resp: 43842
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 105.4 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 49.432 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:184 Resp: 42431
Ion Ratio Lower Upper
184 100
63 59.8 50.6 75.8
154 65.6 51.8 77.8

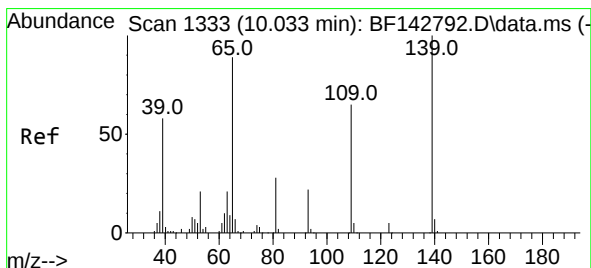
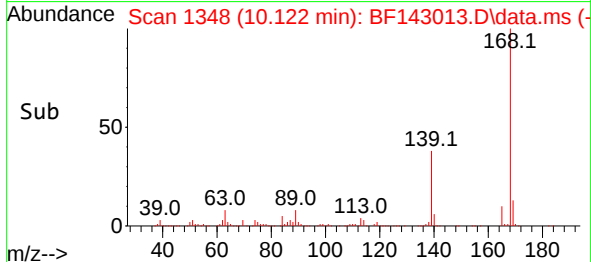
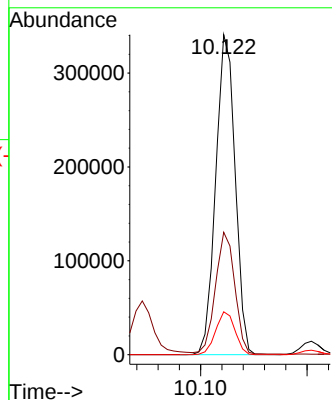
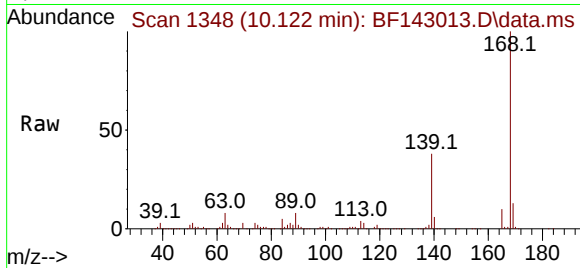




#55
Dibenzofuran
Concen: 41.830 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

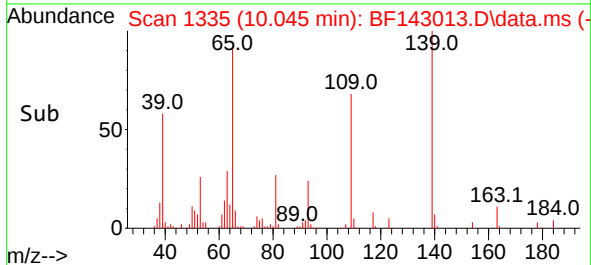
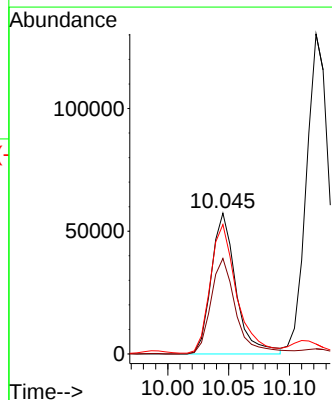
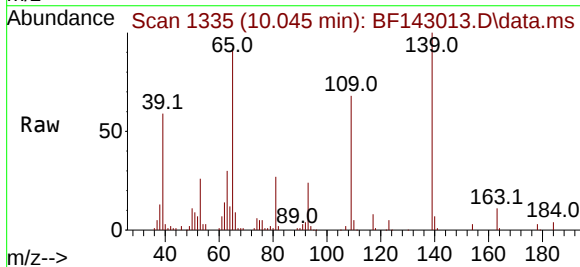
Instrument :
BNA_F
ClientSampleId :
WC-1MS

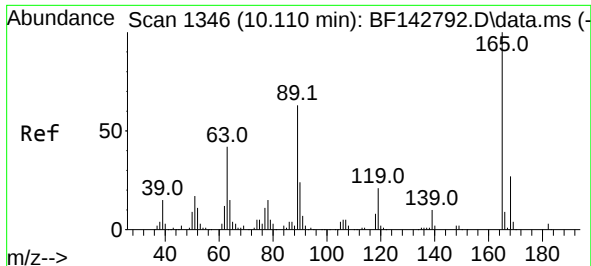
Tgt Ion:168 Resp: 430683
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 62.668 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:139 Resp: 80975
Ion Ratio Lower Upper
139 100
109 67.8 44.7 84.7
65 92.0 69.8 109.8

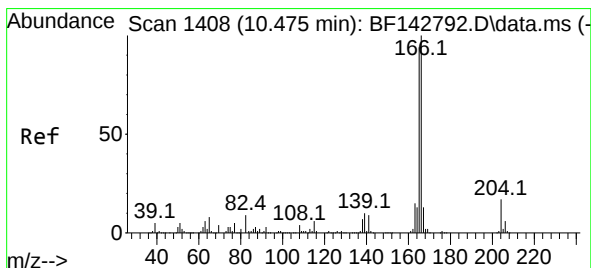
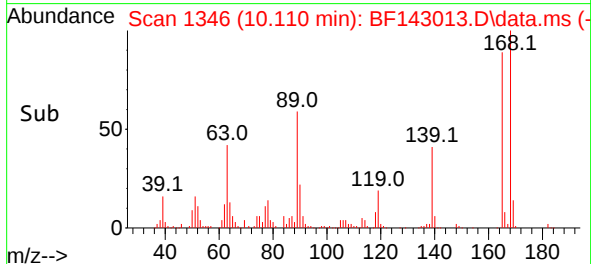
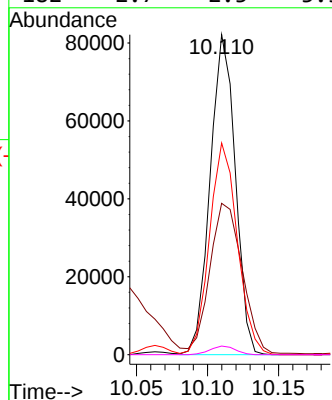
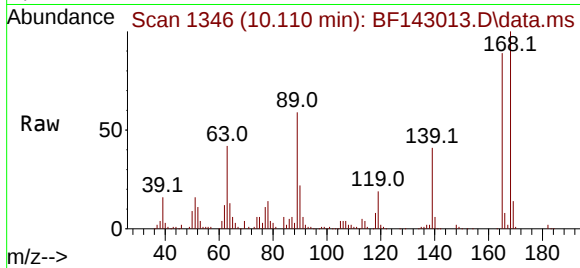




#57
2,4-Dinitrotoluene
Concen: 44.384 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

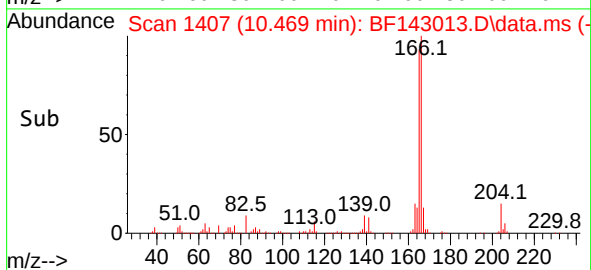
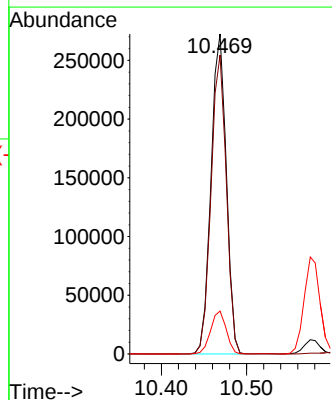
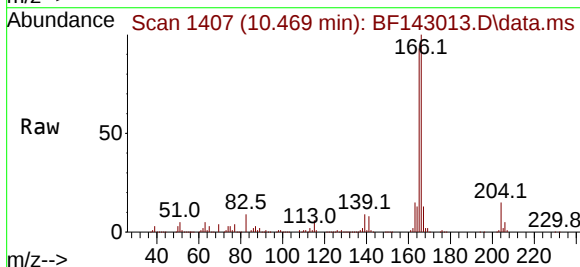
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:165 Resp: 101064
Ion Ratio Lower Upper
165 100
63 47.3 33.9 50.9
89 66.1 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 42.169 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:166 Resp: 339085
Ion Ratio Lower Upper
166 100
165 93.4 75.2 112.8
167 13.4 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.094 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:232 Resp: 80850

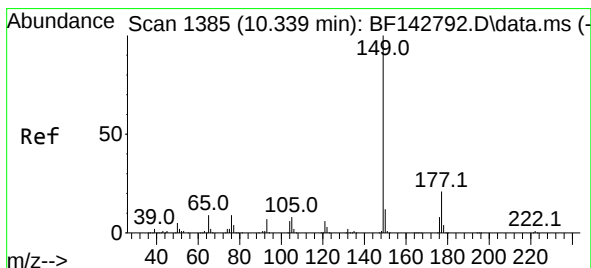
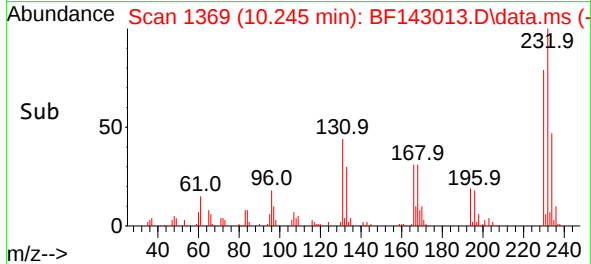
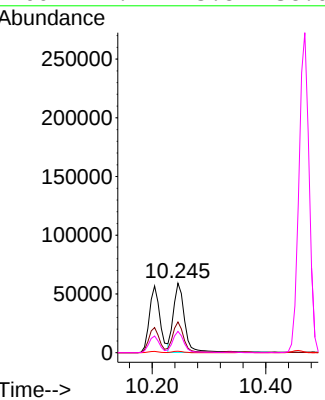
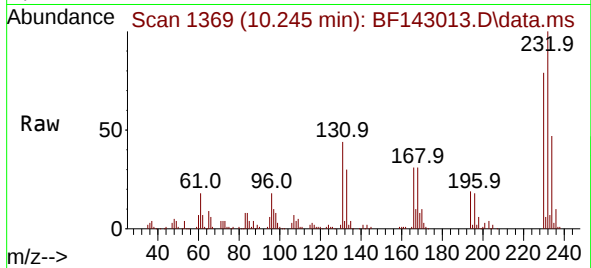
Ion Ratio Lower Upper

232 100

131 42.4 37.6 56.4

130 2.1 1.7 2.5

166 29.9 25.8 38.6



#60

Diethylphthalate

Concen: 48.542 ng

RT: 10.333 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

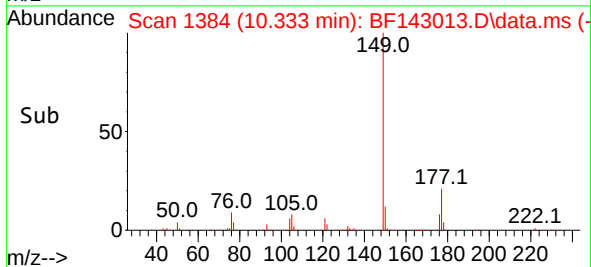
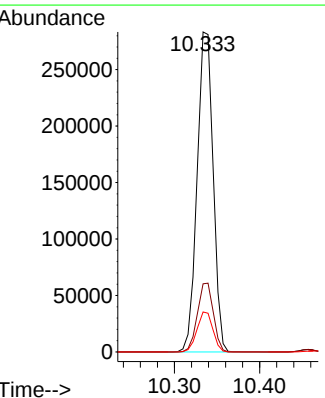
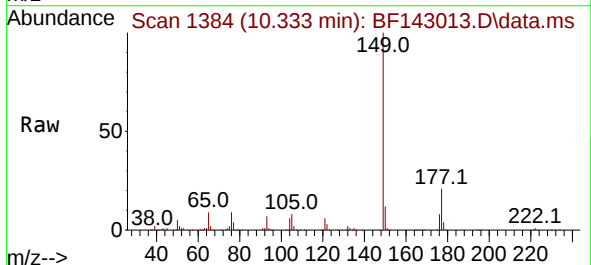
Tgt Ion:149 Resp: 371522

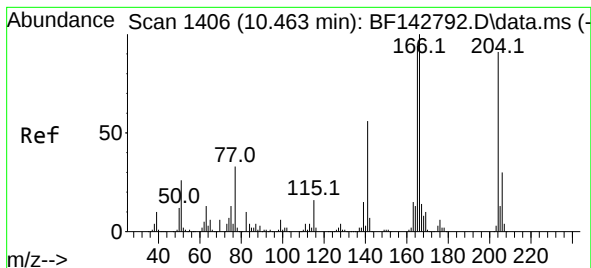
Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

150 12.5 9.8 14.6

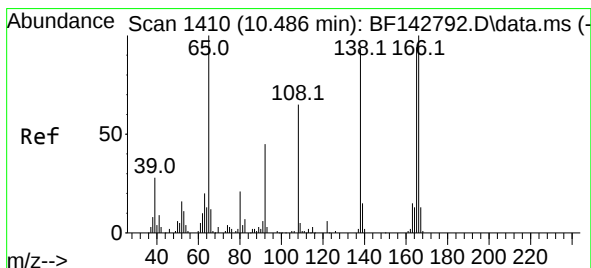
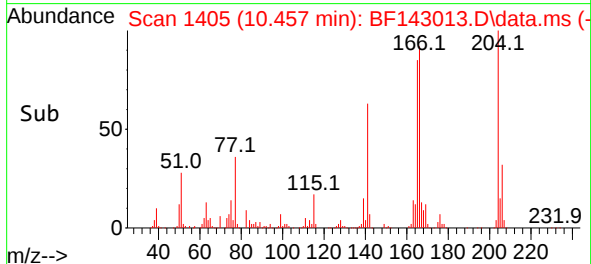
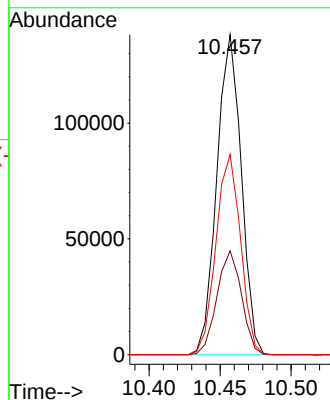
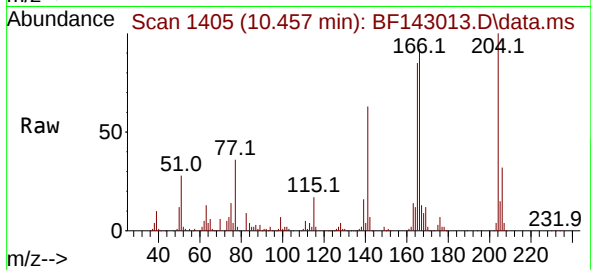




#61
4-Chlorophenyl-phenylether
Concen: 43.134 ng
RT: 10.457 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

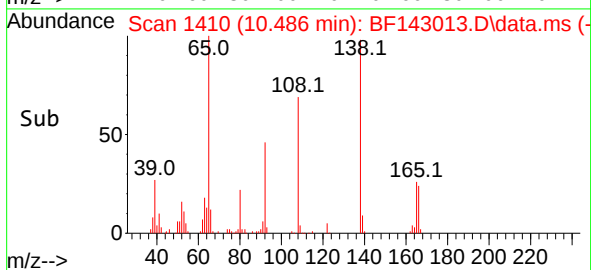
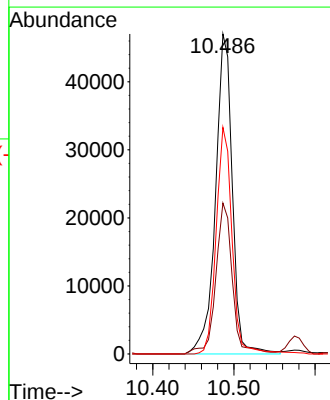
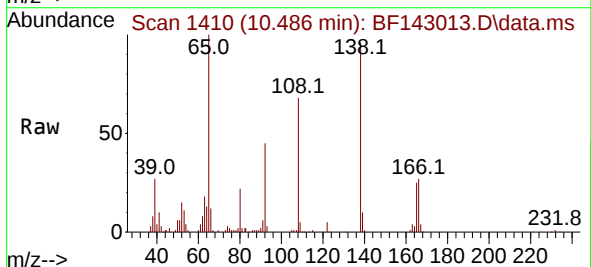
Instrument :
BNA_F
ClientSampleId :
WC-1MS

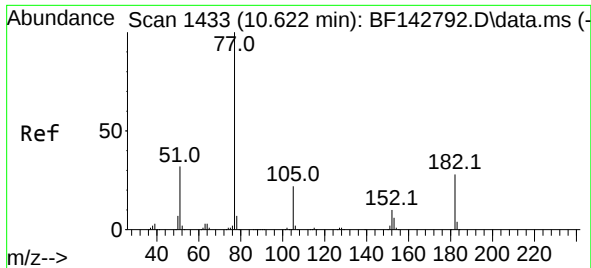
Tgt Ion:204 Resp: 165509
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 62.6 49.1 73.7



#62
4-Nitroaniline
Concen: 39.242 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:138 Resp: 67738
Ion Ratio Lower Upper
138 100
92 47.1 28.4 68.4
108 70.8 50.2 90.2

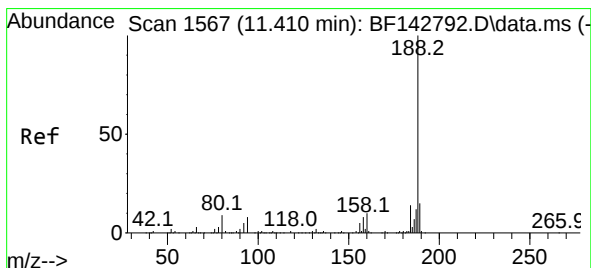
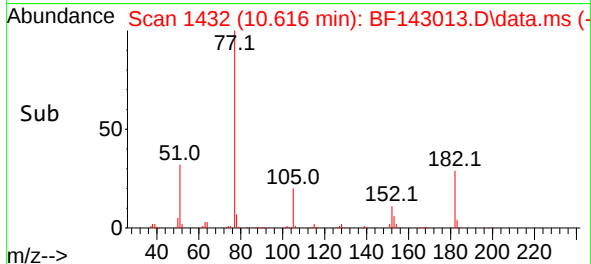
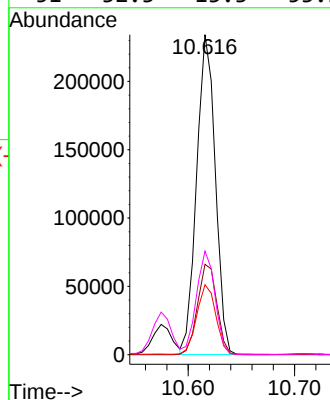
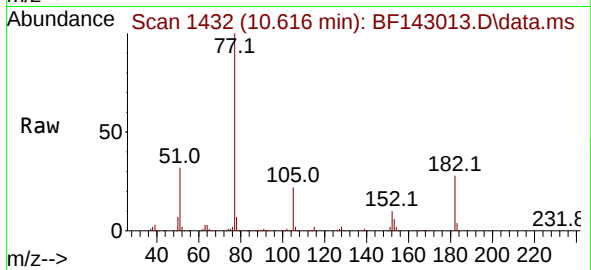




#63
Azobenzene
Concen: 41.838 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

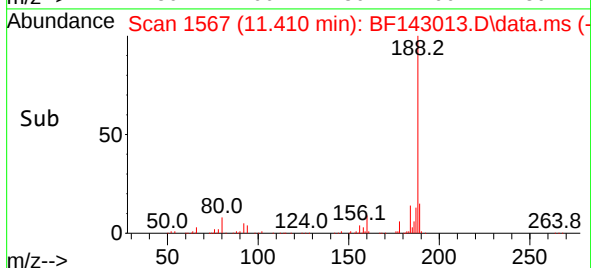
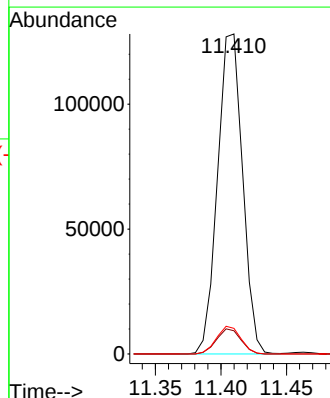
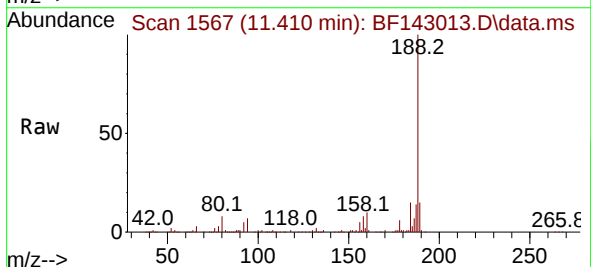
Instrument :
BNA_F
ClientSampleId :
WC-1MS

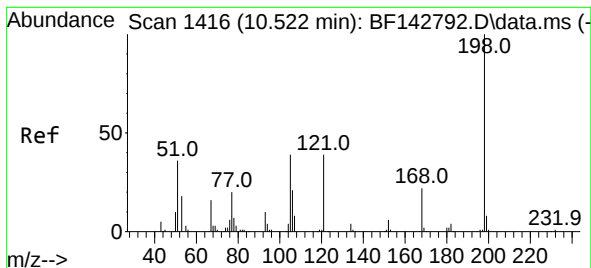
Tgt Ion:	77	Resp:	286196
Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.7	47.7
105	21.9	1.9	41.9
51	32.3	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:	188	Resp:	169949
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.0	6.9	10.3

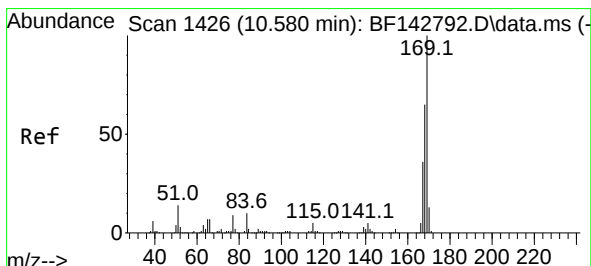
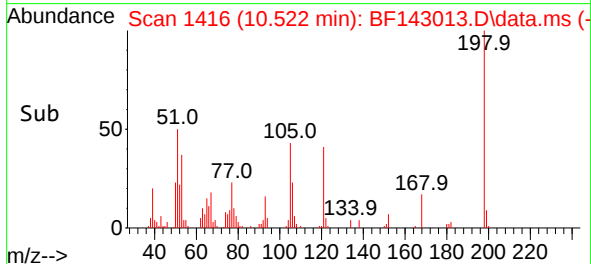
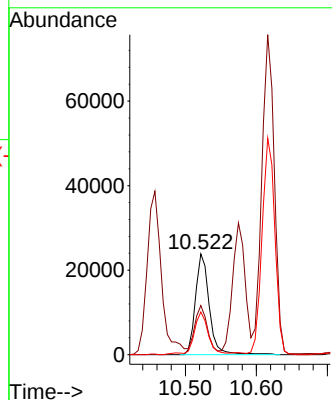
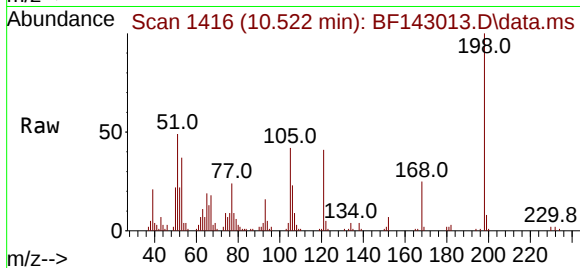




#65
4,6-Dinitro-2-methylphenol
Concen: 31.554 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

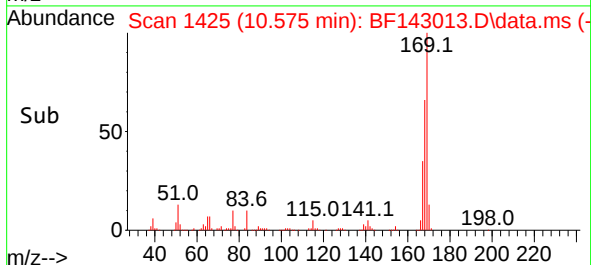
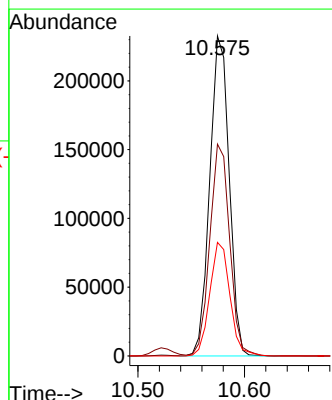
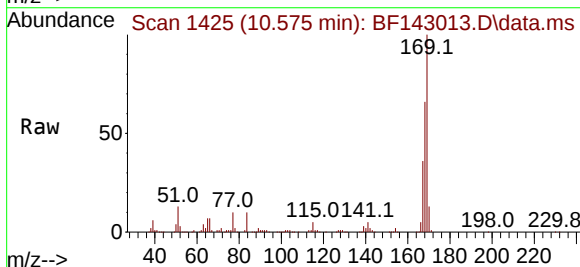
Instrument :
BNA_F
ClientSampleId :
WC-1MS

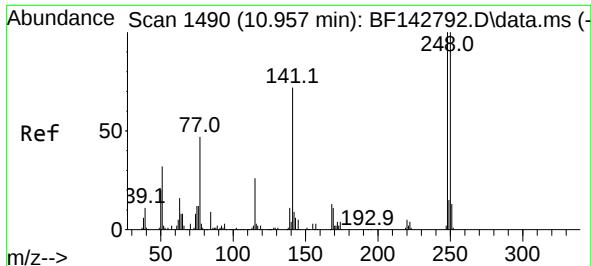
Tgt Ion:198 Resp: 32436
Ion Ratio Lower Upper
198 100
51 48.7 25.4 65.4
105 42.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 49.849 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:169 Resp: 293611
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 35.5 28.5 42.7

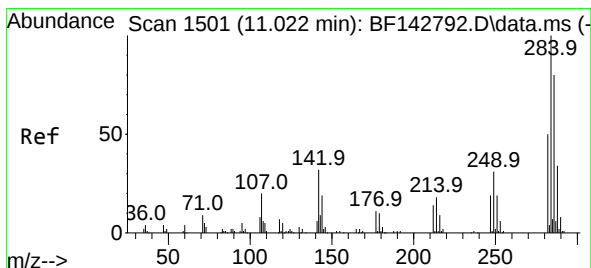
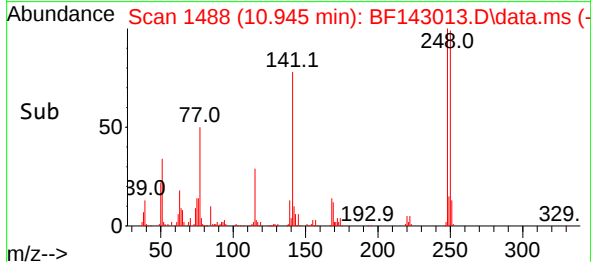
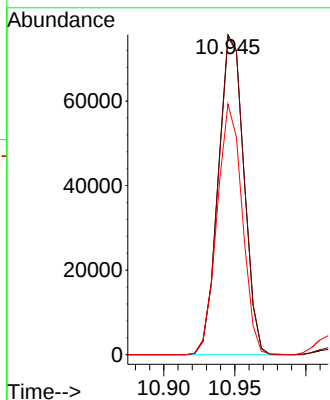
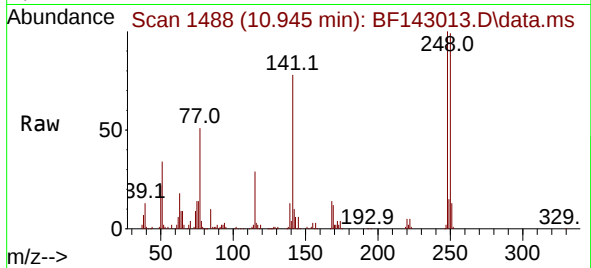




#67
4-Bromophenyl-phenylether
Concen: 49.047 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

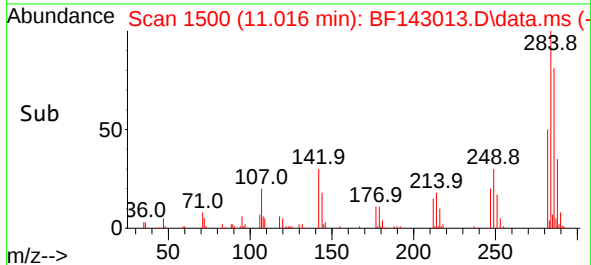
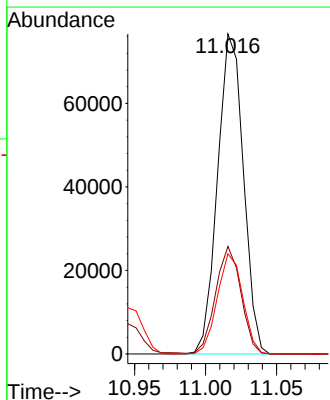
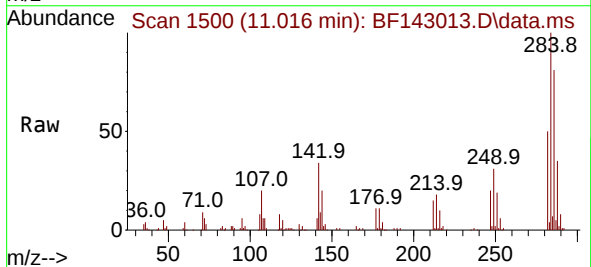
Instrument :
BNA_F
ClientSampleId :
WC-1MS

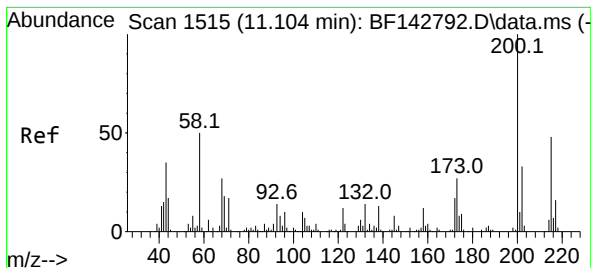
Tgt Ion:	248	Resp:	94866
Ion Ratio	Lower	Upper	
248	100		
250	99.2	79.8	119.8
141	78.3	57.8	86.6



#68
Hexachlorobenzene
Concen: 45.056 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:	284	Resp:	96834
Ion Ratio	Lower	Upper	
284	100		
142	33.6	25.5	38.3
249	31.3	24.9	37.3





#69

Atrazine

Concen: 58.261 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

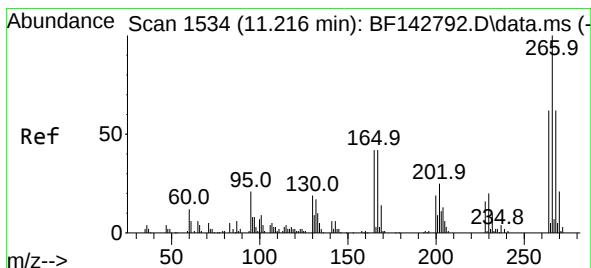
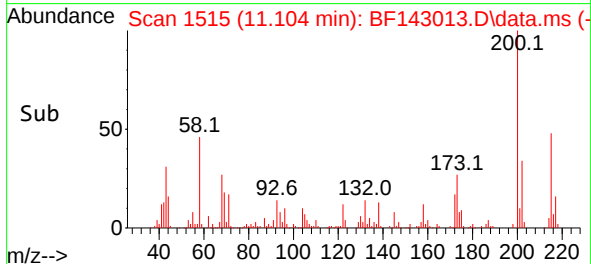
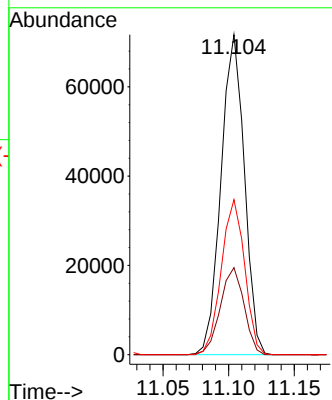
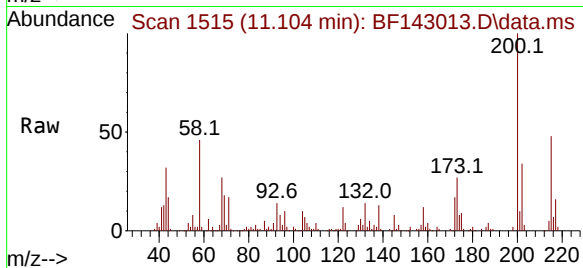
Tgt Ion:200 Resp: 88615

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 75.078 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

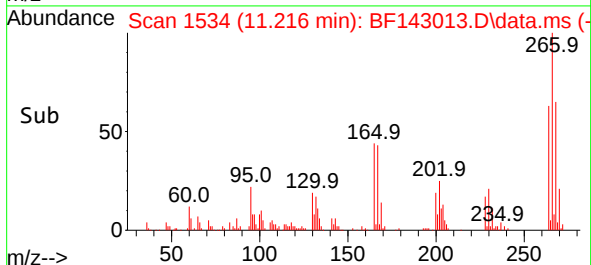
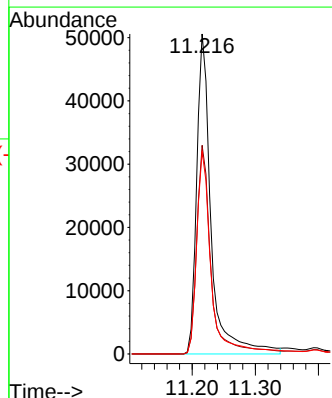
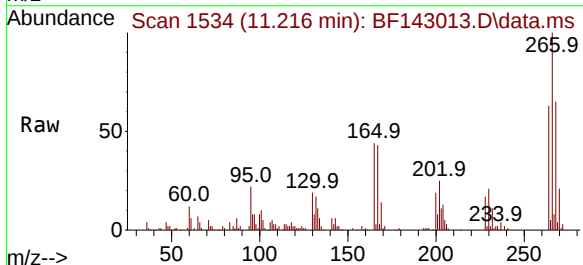
Tgt Ion:266 Resp: 80404

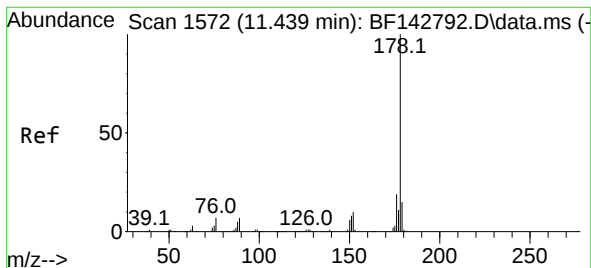
Ion Ratio Lower Upper

266 100

268 65.2 49.8 74.8

264 63.2 49.9 74.9





#71

Phenanthrene

Concen: 44.618 ng

RT: 11.433 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

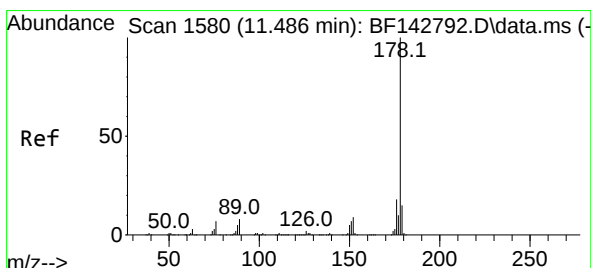
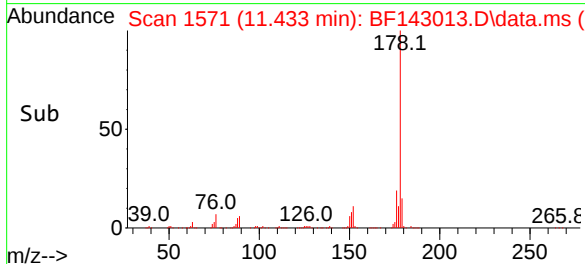
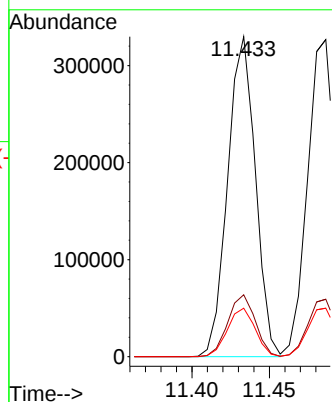
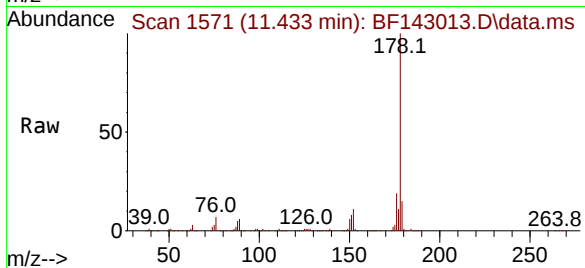
Tgt Ion:178 Resp: 410759

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 44.314 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

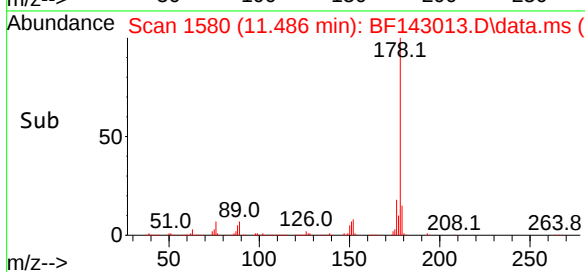
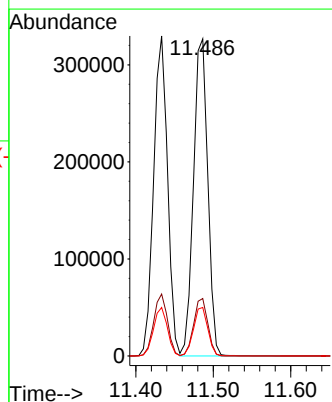
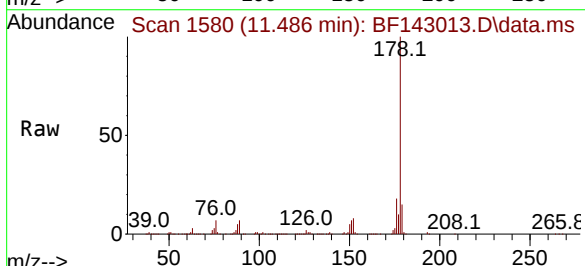
Tgt Ion:178 Resp: 418402

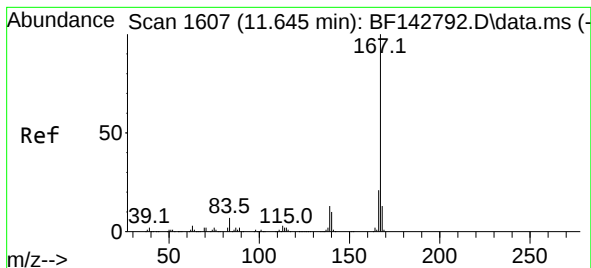
Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.3 12.4 18.6





#73

Carbazole

Concen: 46.195 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

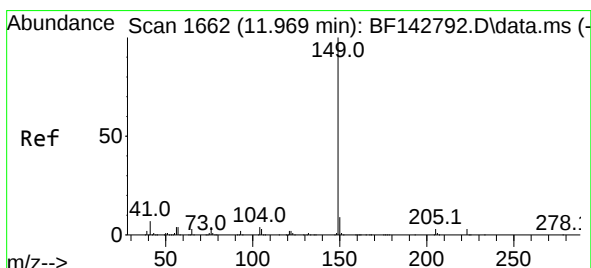
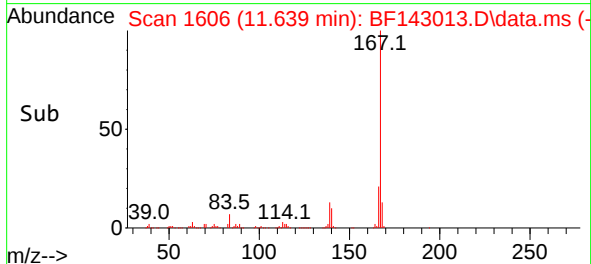
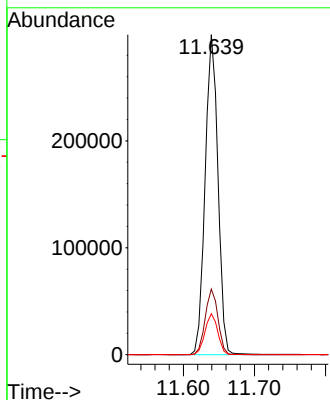
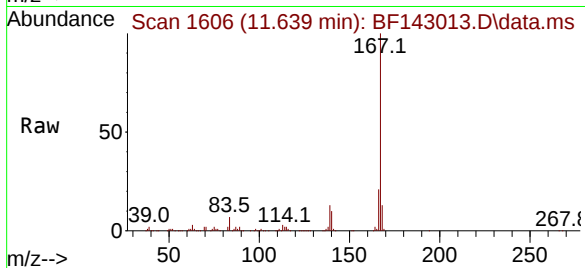
Tgt Ion:167 Resp: 376390

Ion Ratio Lower Upper

167 100

166 20.5 17.0 25.4

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 58.492 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

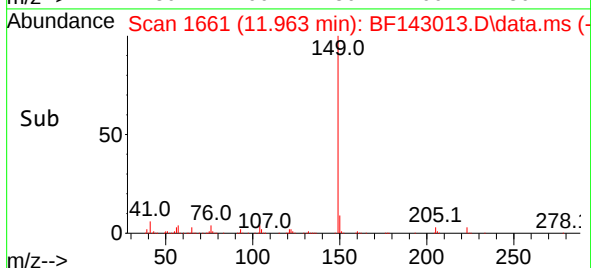
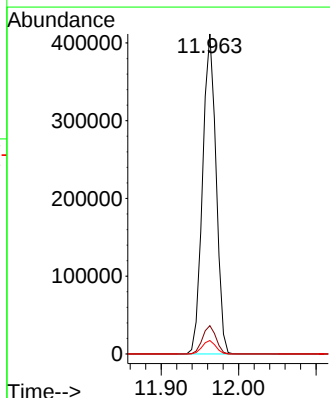
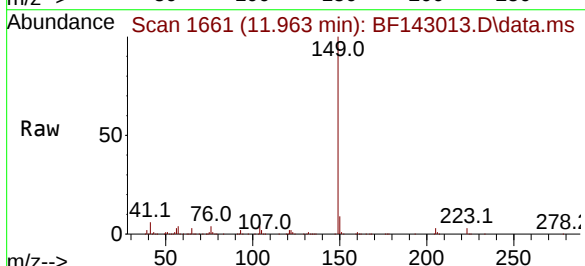
Tgt Ion:149 Resp: 496484

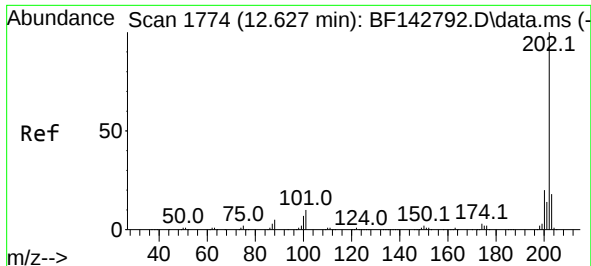
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.2 3.5 5.3

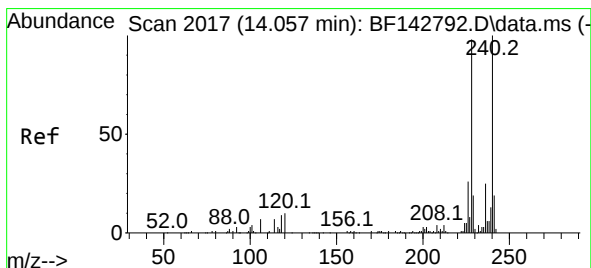
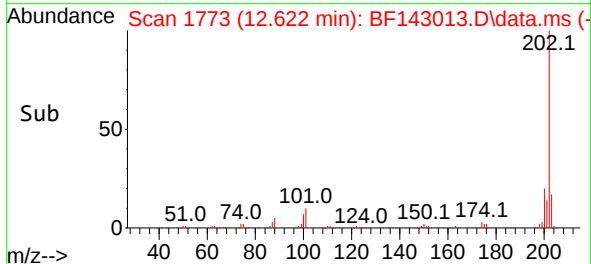
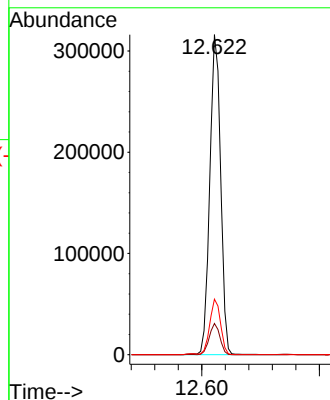
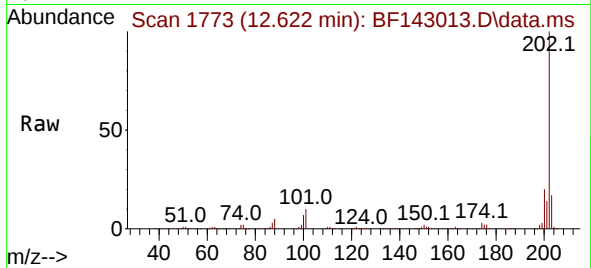




#75
Fluoranthene
Concen: 46.164 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

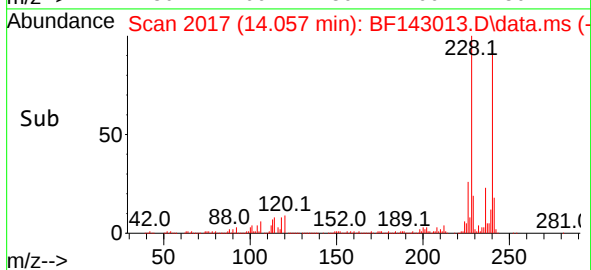
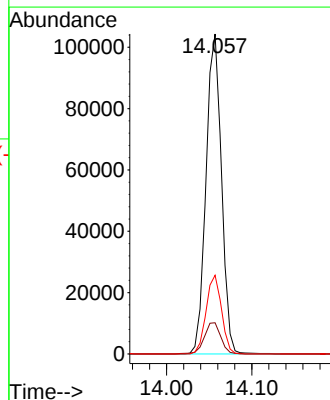
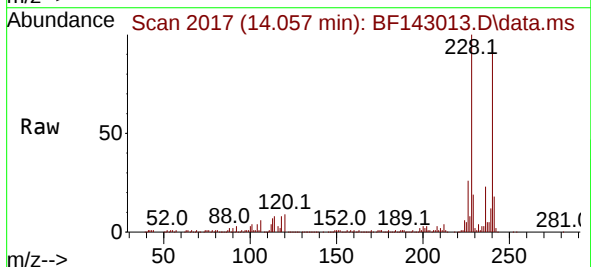
Instrument :
BNA_F
ClientSampleId :
WC-1MS

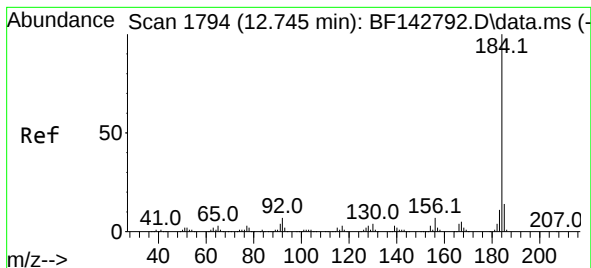
Tgt Ion:202 Resp: 403342
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:240 Resp: 131277
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.6 19.8 29.8





#77

Benzidine

Concen: 20.218 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

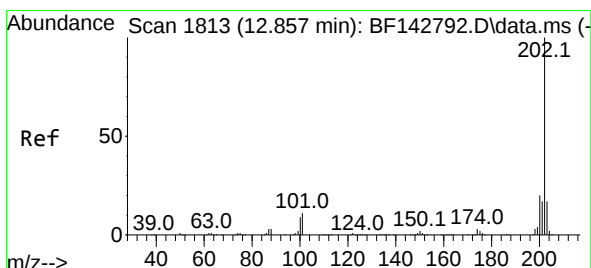
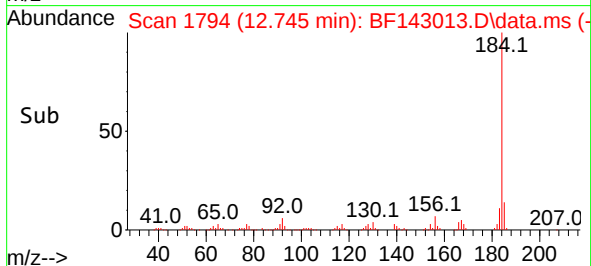
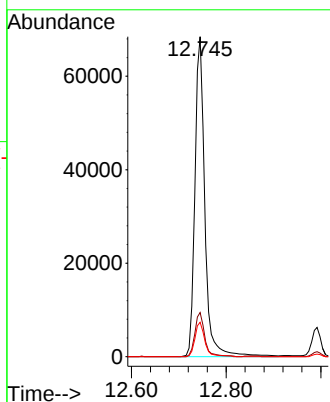
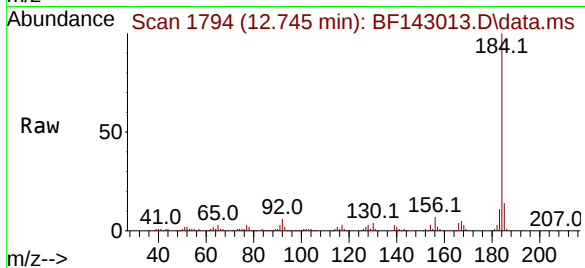
Tgt Ion:184 Resp: 99722

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 10.8 9.0 13.4



#78

Pyrene

Concen: 33.405 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

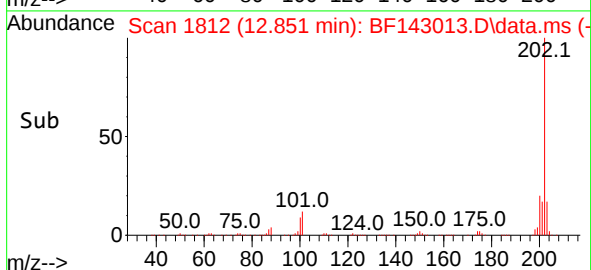
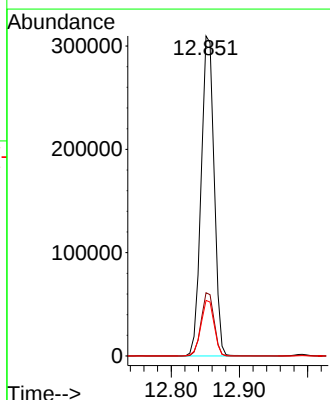
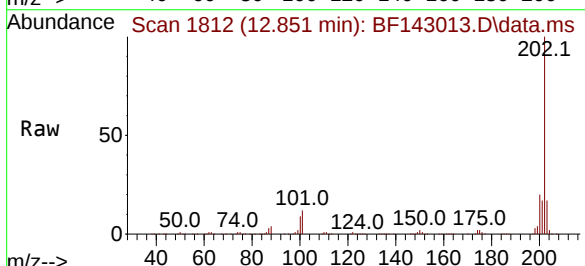
Tgt Ion:202 Resp: 411055

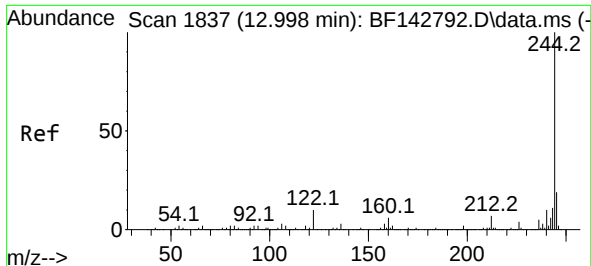
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.4 13.8 20.6

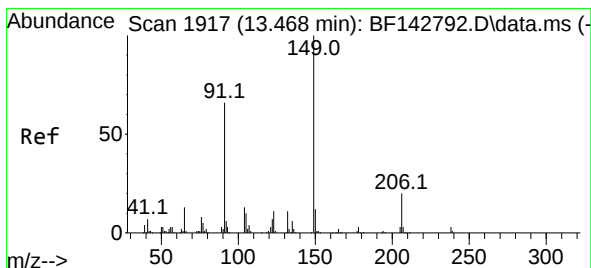
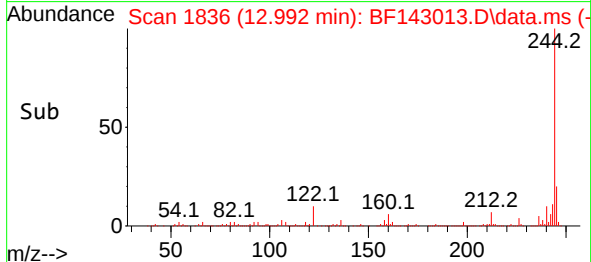
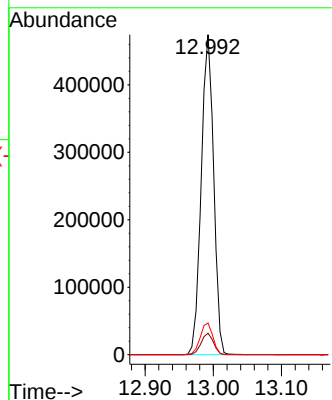
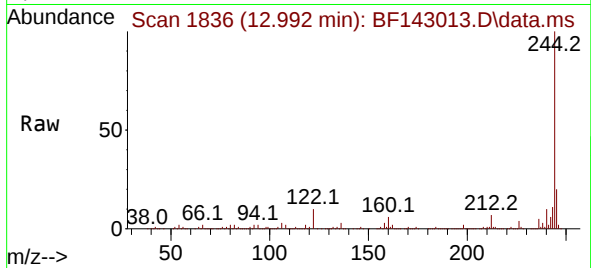




#79
 Terphenyl-d14
 Concen: 63.180 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

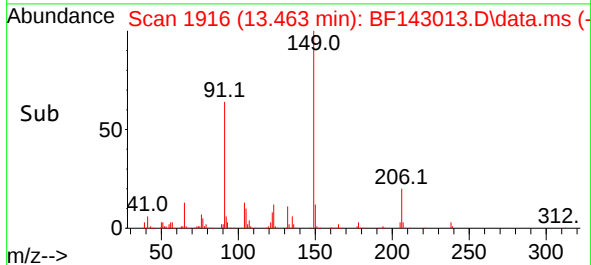
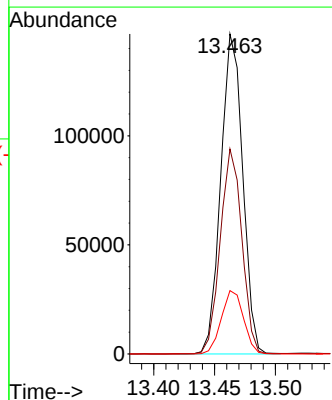
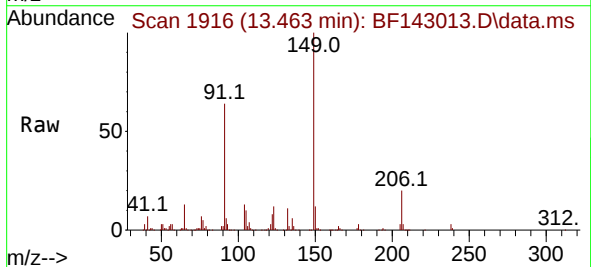
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

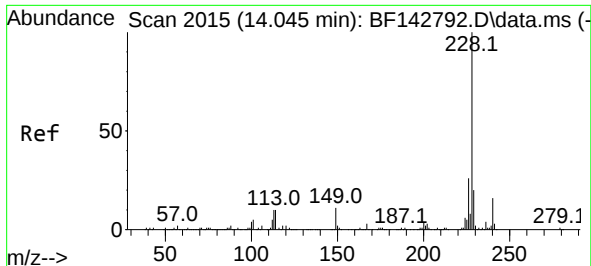
Tgt Ion:244 Resp: 600281
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.529 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF143013.D
 Acq: 07 Jul 2025 17:19

Tgt Ion:149 Resp: 183927
 Ion Ratio Lower Upper
 149 100
 91 64.1 52.9 79.3
 206 19.8 16.3 24.5

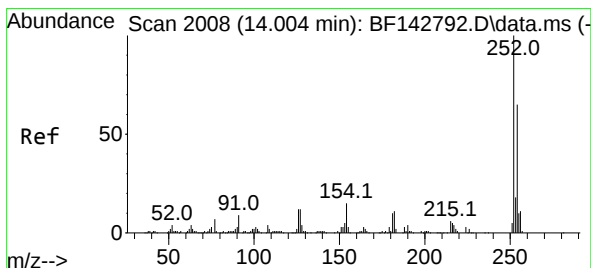
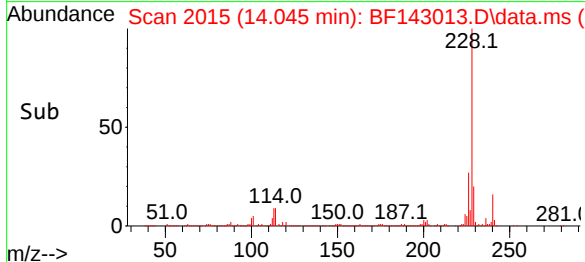
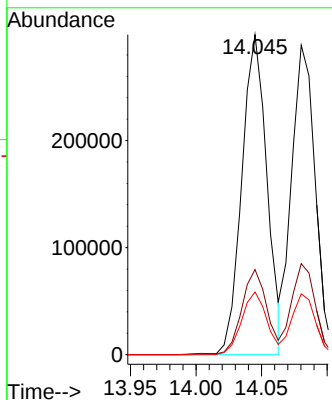
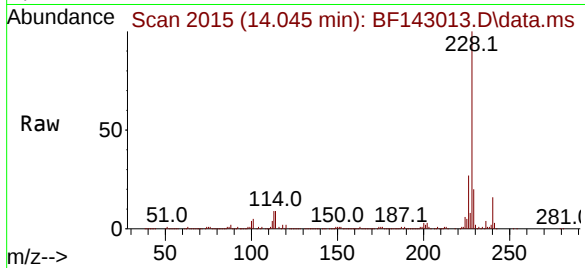




#81
Benzo(a)anthracene
Concen: 44.925 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

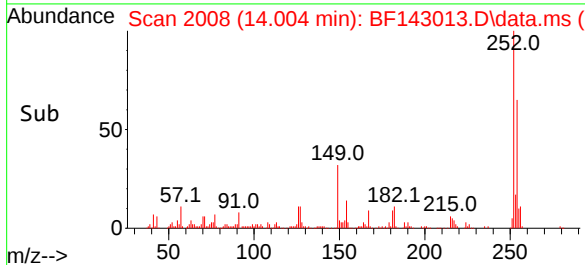
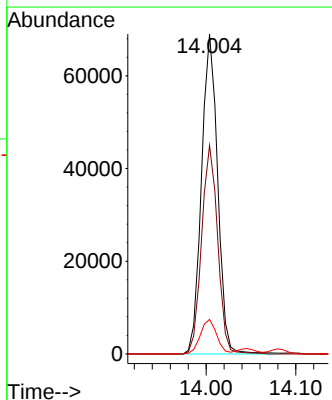
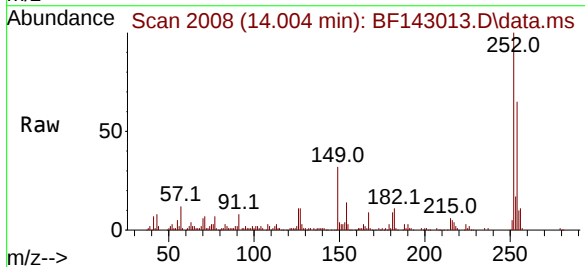
Instrument :
BNA_F
ClientSampleId :
WC-1MS

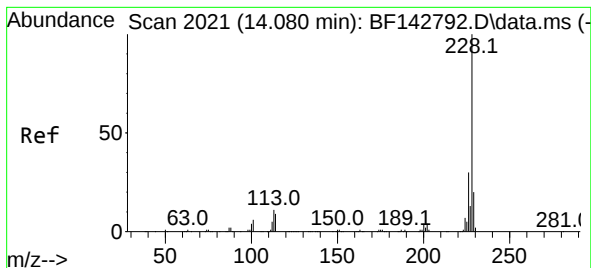
Tgt Ion:228 Resp: 397859
Ion Ratio Lower Upper
228 100
226 26.6 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 30.019 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143013.D
Acq: 07 Jul 2025 17:19

Tgt Ion:252 Resp: 86231
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 10.8 9.4 14.2





#83

Chrysene

Concen: 45.743 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

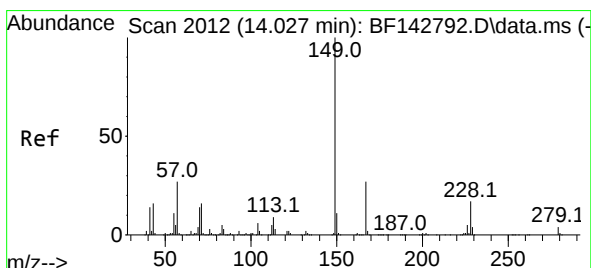
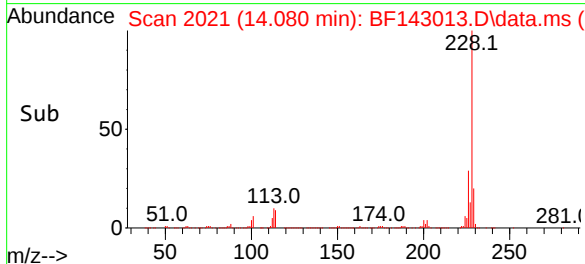
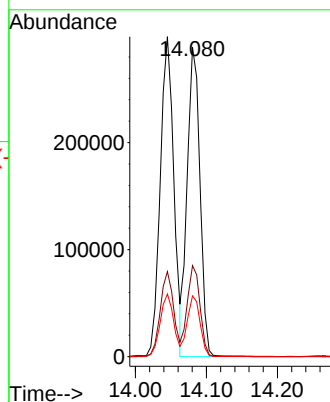
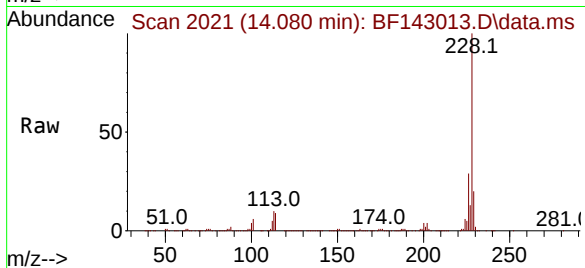
Tgt Ion:228 Resp: 361481

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.127 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

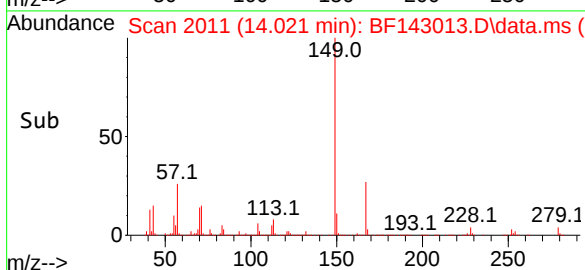
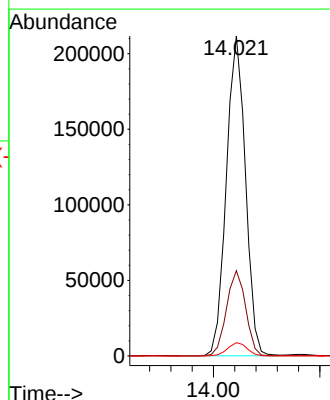
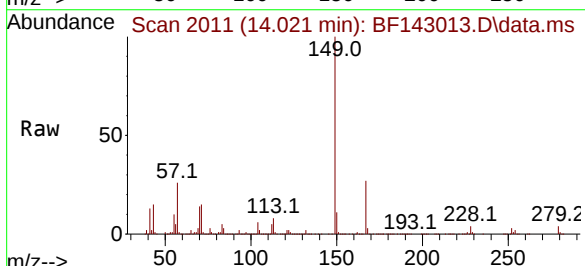
Tgt Ion:149 Resp: 262567

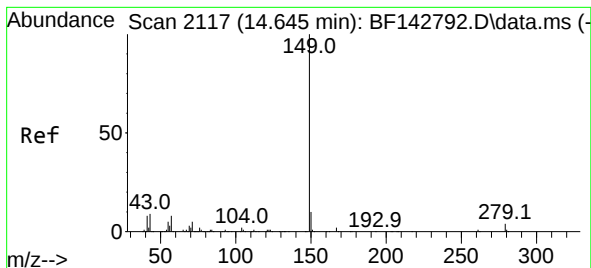
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.204 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

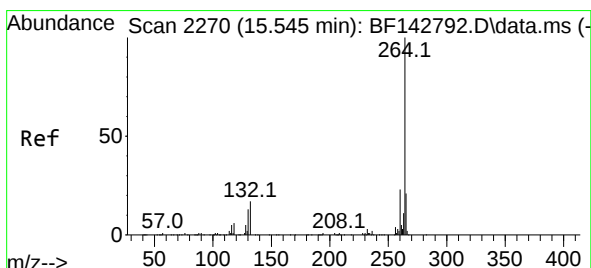
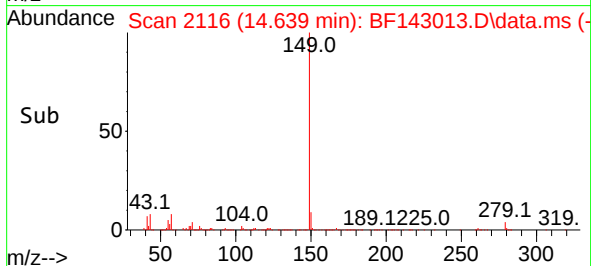
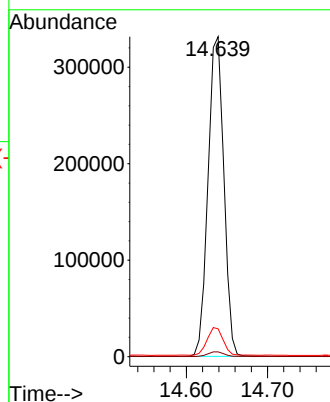
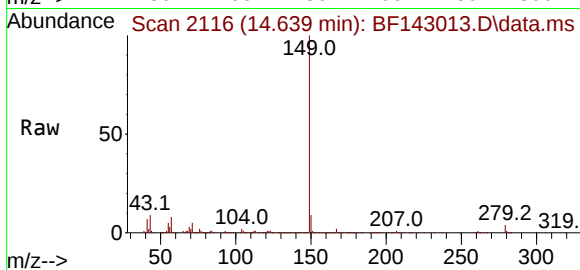
Tgt Ion:149 Resp: 447424

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

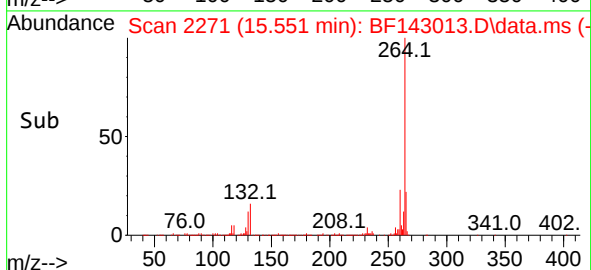
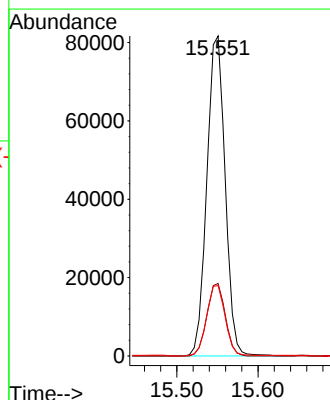
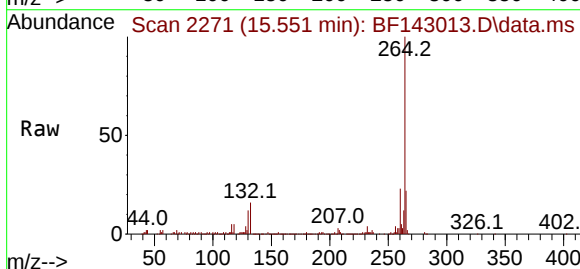
Tgt Ion:264 Resp: 127587

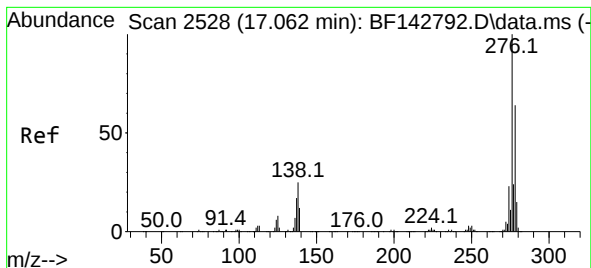
Ion Ratio Lower Upper

264 100

260 22.7 18.1 27.1

265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 29.444 ng

RT: 17.068 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

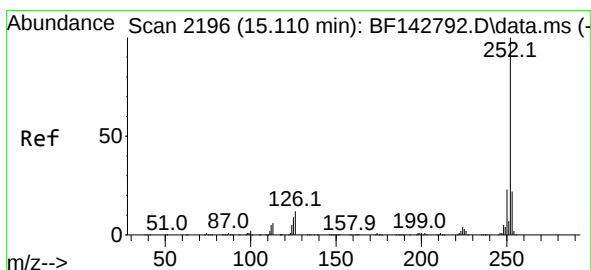
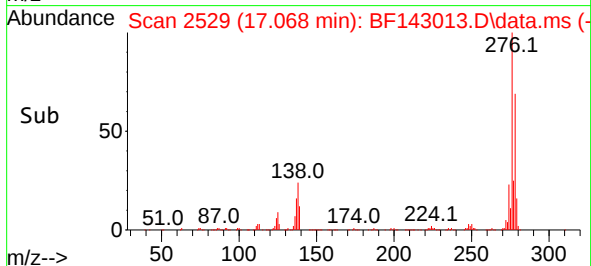
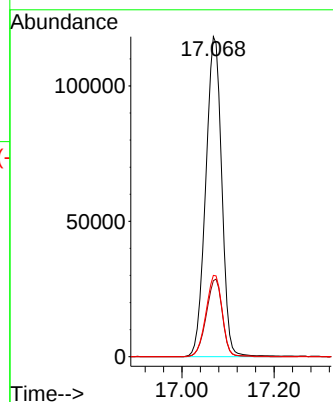
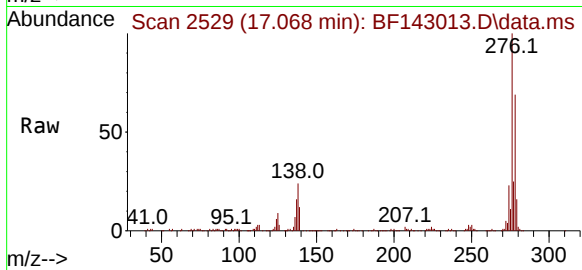
Tgt Ion:276 Resp: 286139

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 25.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 54.995 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

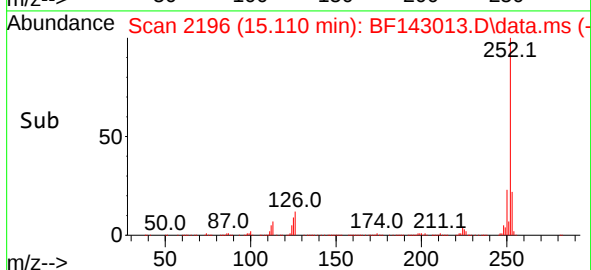
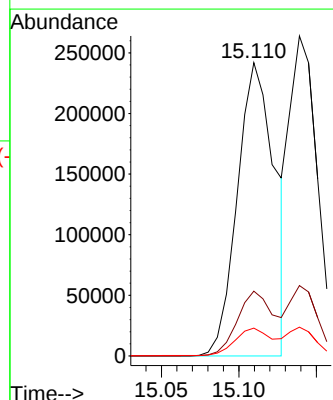
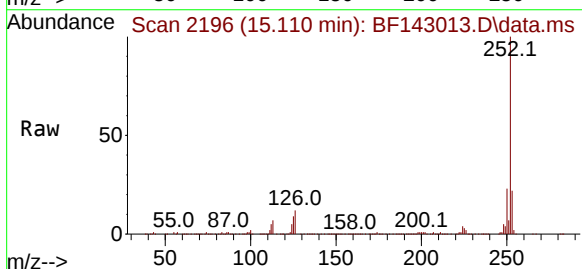
Tgt Ion:252 Resp: 406017

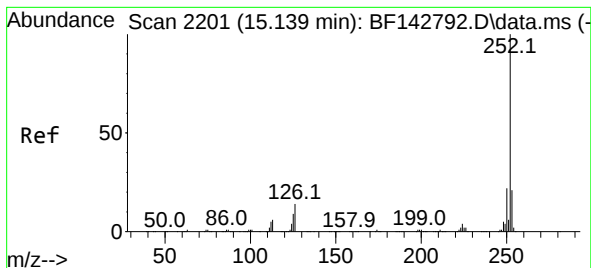
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.641 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

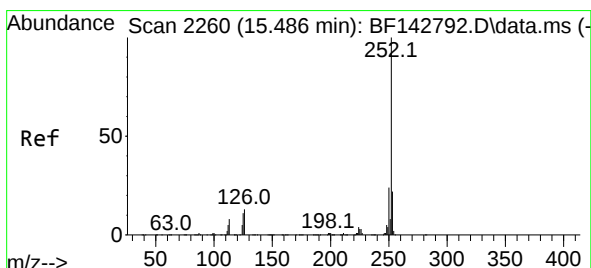
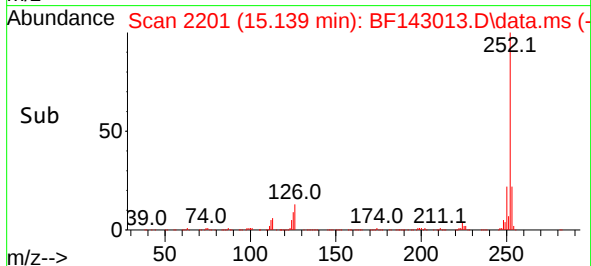
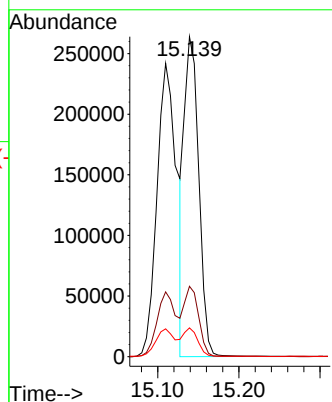
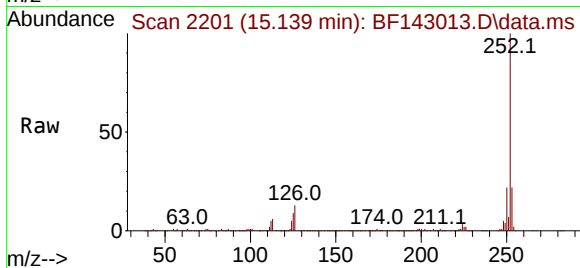
Tgt Ion:252 Resp: 329060

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.482 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

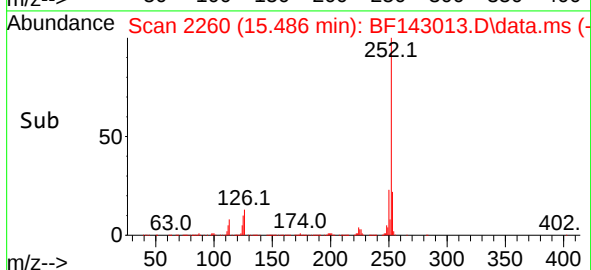
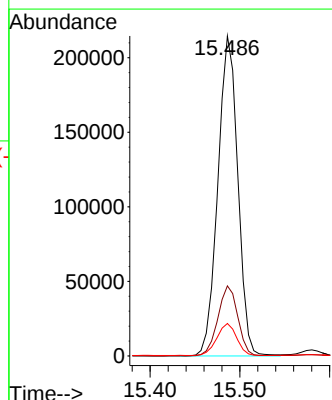
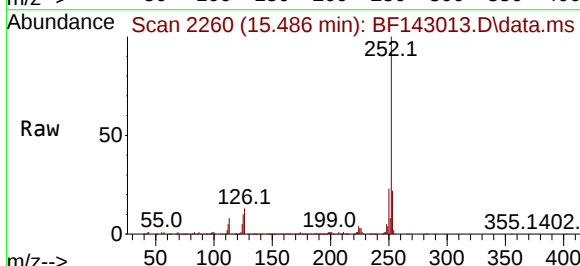
Tgt Ion:252 Resp: 331522

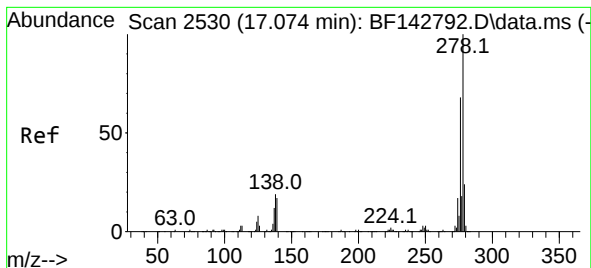
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.1 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 30.422 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Instrument :

BNA_F

ClientSampleId :

WC-1MS

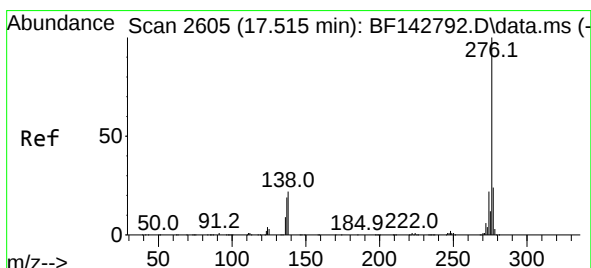
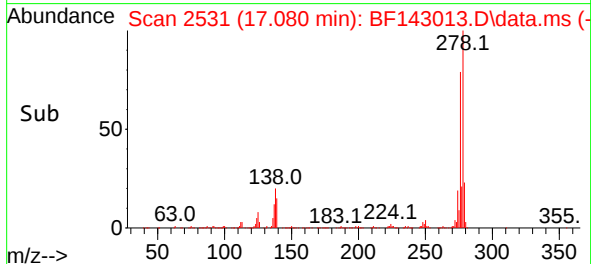
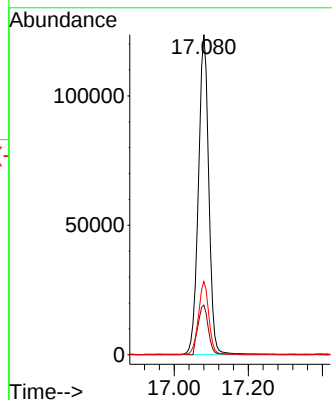
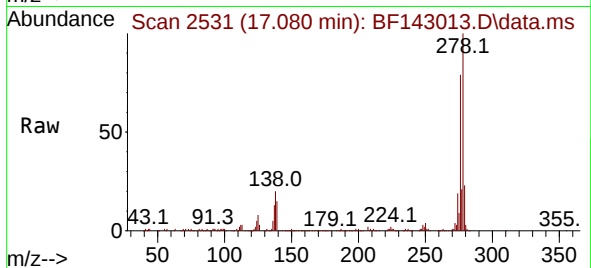
Tgt Ion:278 Resp: 240217

Ion Ratio Lower Upper

278 100

139 15.5 13.5 20.3

279 22.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 27.380 ng

RT: 17.527 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF143013.D

Acq: 07 Jul 2025 17:19

Tgt Ion:276 Resp: 215581

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 20.2 17.6 26.4

