

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143220.D
 Acq On : 23 Jul 2025 19:25
 Operator : RC/JU
 Sample : Q2649-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

Quant Time: Jul 24 01:19:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	123942	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	487638	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	259548	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	437619	20.000	ng	0.00
76) Chrysene-d12	14.121	240	254287	20.000	ng	0.00
86) Perylene-d12	15.627	264	273112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	656400	83.808	ng	0.02
7) Phenol-d6	6.592	99	907029	92.007	ng	0.00
23) Nitrobenzene-d5	7.522	82	621749	63.556	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	247670	92.370	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1024568	53.987	ng	0.00
79) Terphenyl-d14	13.063	244	988316	57.837	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	136960	36.956	ng	99
3) Pyridine	3.646	79	371563	38.627	ng	99
4) n-Nitrosodimethylamine	3.593	42	212830	42.854	ng	99
6) Aniline	6.622	93	353230	25.709	ng	93
8) 2-Chlorophenol	6.751	128	355457	43.297	ng	97
9) Benzaldehyde	6.510	77	243011	32.874	ng	97
10) Phenol	6.604	94	465478	43.342	ng	95
11) bis(2-Chloroethyl)ether	6.692	93	346838	42.179	ng	100
12) 1,3-Dichlorobenzene	6.904	146	382448	42.883	ng	100
13) 1,4-Dichlorobenzene	6.981	146	388505	43.257	ng	99
14) 1,2-Dichlorobenzene	7.134	146	373177	43.686	ng	99
15) Benzyl Alcohol	7.098	79	339159	45.057	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	651683	42.722	ng	98
17) 2-Methylphenol	7.210	107	306449	44.394	ng	99
18) Hexachloroethane	7.481	117	138420	44.519	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	267541	42.301	ng	98
20) 3+4-Methylphenols	7.363	107	363208	43.368	ng	# 76
22) Acetophenone	7.369	105	487694	42.243	ng	# 97
24) Nitrobenzene	7.539	77	403268	44.216	ng	99
25) Isophorone	7.781	82	744006	43.082	ng	99
26) 2-Nitrophenol	7.857	139	199741	50.461	ng	99
27) 2,4-Dimethylphenol	7.892	122	346051	42.889	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	446720	43.143	ng	99
29) 2,4-Dichlorophenol	8.098	162	301890	44.367	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	322037	43.808	ng	99
31) Naphthalene	8.269	128	1042280	43.400	ng	99
32) Benzoic acid	8.004	122	232787	50.871	ng	98
33) 4-Chloroaniline	8.304	127	76450	7.796	ng	99
34) Hexachlorobutadiene	8.386	225	198172	44.130	ng	98
35) Caprolactam	8.675	113	71897	34.966	ng	100
36) 4-Chloro-3-methylphenol	8.792	107	330408	44.675	ng	97
37) 2-Methylnaphthalene	8.957	142	644249	44.085	ng	100
38) 1-Methylnaphthalene	9.057	142	657451	43.688	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	314114	41.919	ng	99
41) Hexachlorocyclopentadiene	9.116	237	422934	86.742	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	219656	42.355	ng	99

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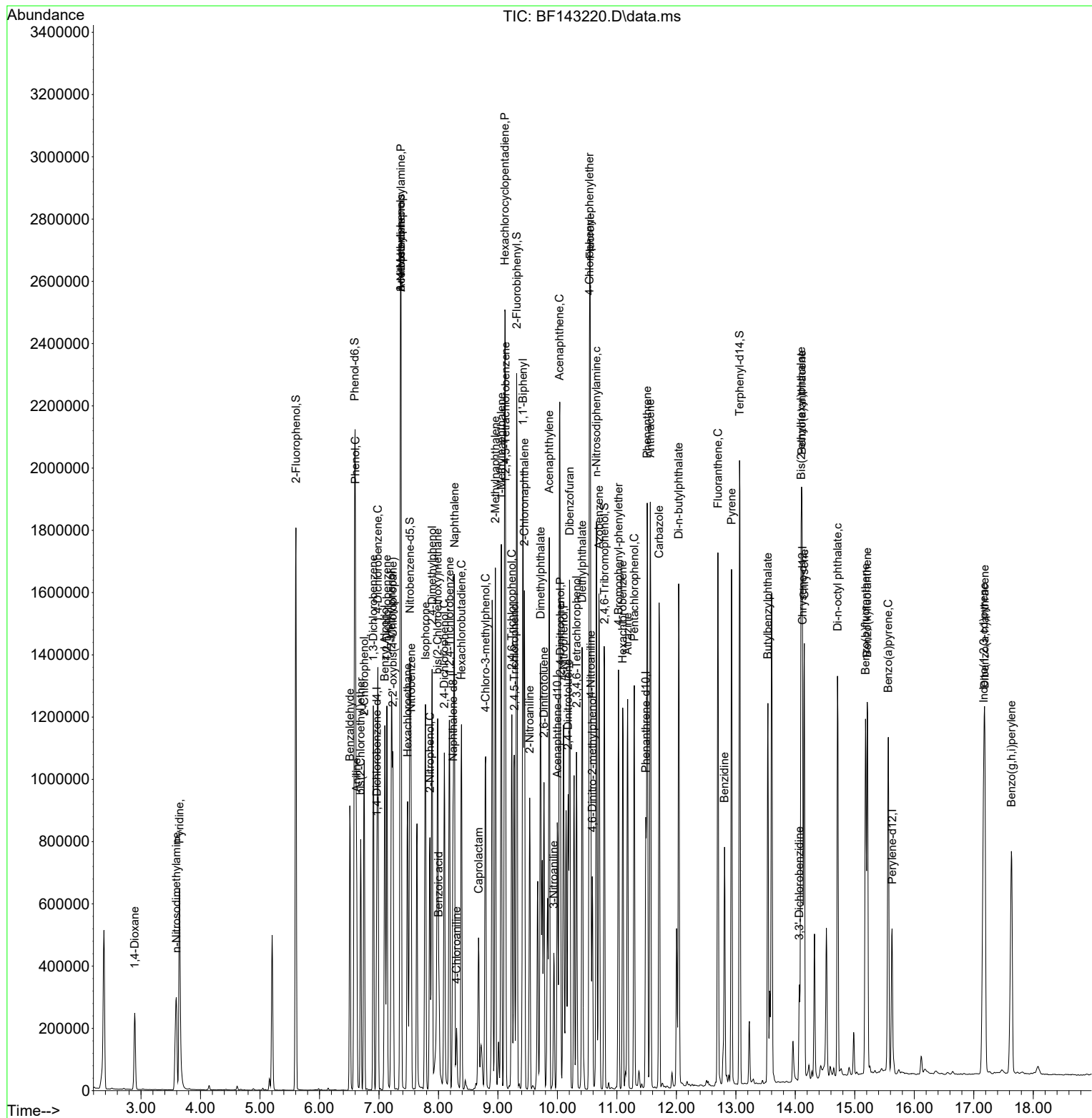
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	234252	45.156	ng	99
46) 1,1'-Biphenyl	9.422	154	867290	42.829	ng	99
47) 2-Chloronaphthalene	9.445	162	632471	42.212	ng	99
48) 2-Nitroaniline	9.533	65	220648	46.959	ng	98
49) Acenaphthylene	9.863	152	1079291	42.983	ng	100
50) Dimethylphthalate	9.716	163	760601	44.958	ng	100
51) 2,6-Dinitrotoluene	9.775	165	167929	48.793	ng	99
52) Acenaphthene	10.033	154	704873	47.495	ng	100
53) 3-Nitroaniline	9.939	138	90150	22.394	ng	99
54) 2,4-Dinitrophenol	10.051	184	178640	111.650	ng	# 1
55) Dibenzofuran	10.204	168	937313	42.539	ng	99
56) 4-Nitrophenol	10.104	139	281333	93.589	ng	98
57) 2,4-Dinitrotoluene	10.180	165	224148	51.912	ng	96
58) Fluorene	10.551	166	710745	42.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	181351	42.202	ng	99
60) Diethylphthalate	10.416	149	755779	45.197	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	361466	43.896	ng	99
62) 4-Nitroaniline	10.563	138	164599	47.708	ng	98
63) Azobenzene	10.698	77	843200	48.382	ng	96
65) 4,6-Dinitro-2-methylph...	10.586	198	119890	51.779	ng	98
66) n-Nitrosodiphenylamine	10.657	169	640835	41.586	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	221964	42.561	ng	99
68) Hexachlorobenzene	11.098	284	227510	41.737	ng	98
69) Atrazine	11.180	200	201855	47.514	ng	100
70) Pentachlorophenol	11.292	266	207564	64.749	ng	99
71) Phenanthrene	11.510	178	979358	42.148	ng	99
72) Anthracene	11.563	178	1005804	42.442	ng	99
73) Carbazole	11.710	167	897233	43.359	ng	99
74) Di-n-butylphthalate	12.039	149	1127752	48.165	ng	100
75) Fluoranthene	12.698	202	963087	45.156	ng	99
77) Benzidine	12.810	184	393562	40.172	ng	98
78) Pyrene	12.927	202	949631	43.758	ng	100
80) Butylbenzylphthalate	13.539	149	381019	57.335	ng	98
81) Benzo(a)anthracene	14.110	228	770634	45.266	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	85433	15.057	ng	99
83) Chrysene	14.151	228	661006	43.184	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	507821	50.487	ng	99
85) Di-n-octyl phthalate	14.710	149	827288	45.375	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	847227	43.993	ng	99
88) Benzo(b)fluoranthene	15.180	252	765048	45.853	ng	100
89) Benzo(k)fluoranthene	15.209	252	649115	43.598	ng	100
90) Benzo(a)pyrene	15.562	252	689200	44.834	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	683787	43.623	ng	98
92) Benzo(g,h,i)perylene	17.633	276	683531	45.080	ng	99

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

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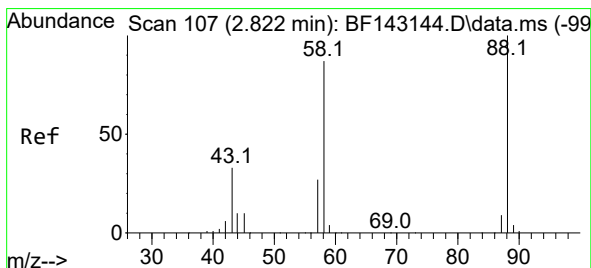
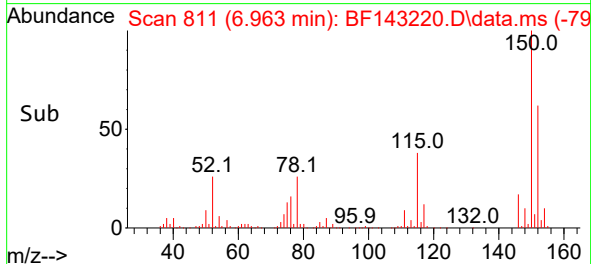
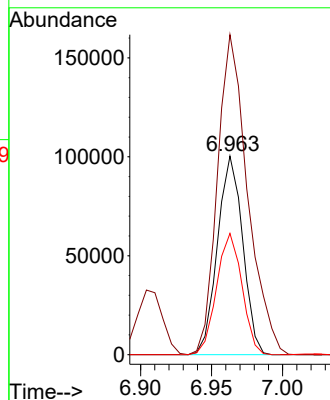
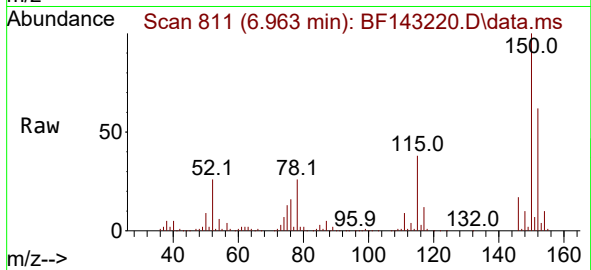




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

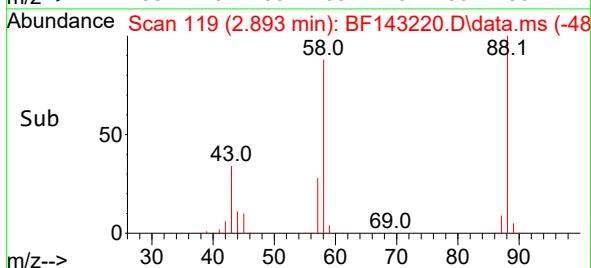
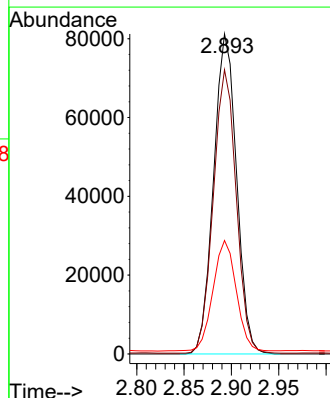
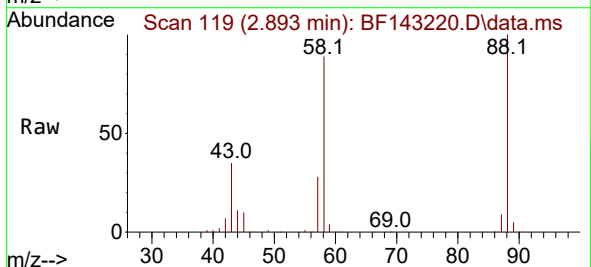
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BNA_F
ClientSampleId :
WC-3MSD

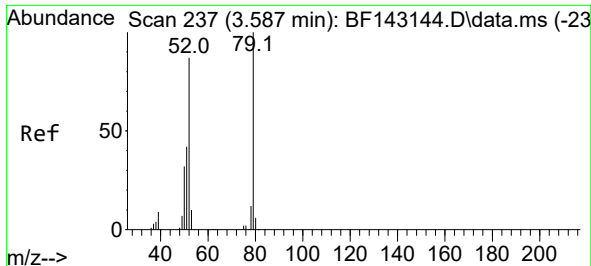
Tgt Ion:152 Resp: 123942
Ion Ratio Lower Upper
152 100
150 161.1 128.2 192.4
115 61.1 47.9 71.9



#2
1,4-Dioxane
Concen: 36.956 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 88 Resp: 136960
Ion Ratio Lower Upper
88 100
58 88.1 70.2 105.2
43 34.9 27.1 40.7

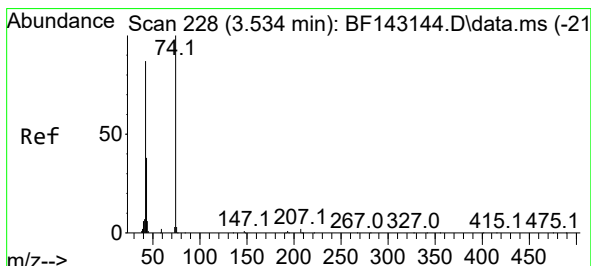
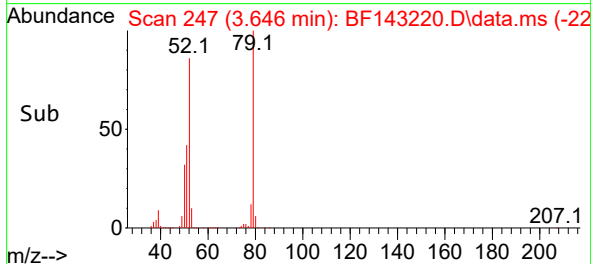
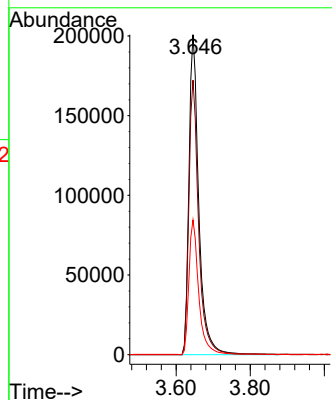
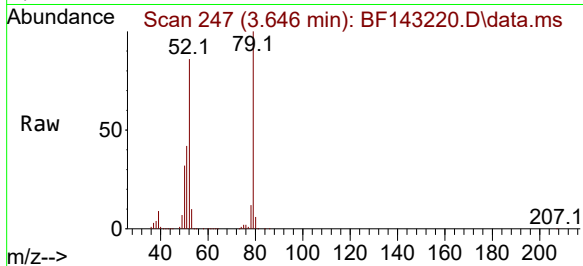




#3
Pyridine
Concen: 38.627 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

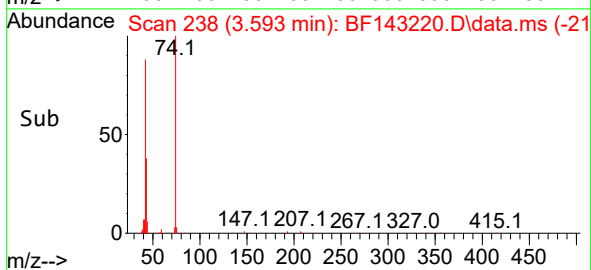
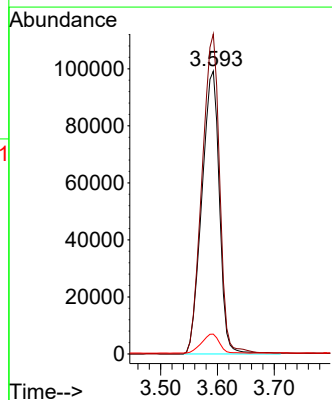
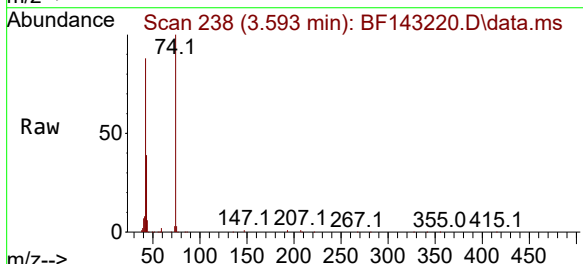
Instrument :
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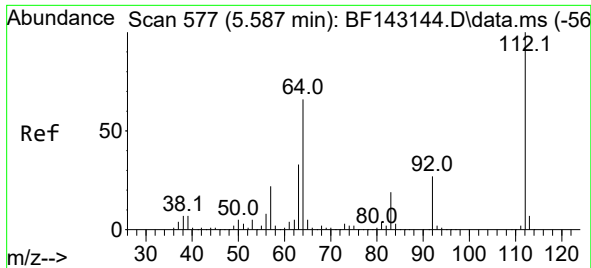
Tgt Ion: 79 Resp: 371563
Ion Ratio Lower Upper
79 100
52 85.8 69.4 104.2
51 42.1 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 42.854 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 42 Resp: 212830
Ion Ratio Lower Upper
42 100
74 113.1 91.7 137.5
44 7.0 5.6 8.4

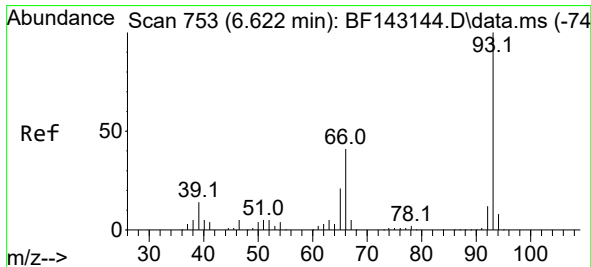
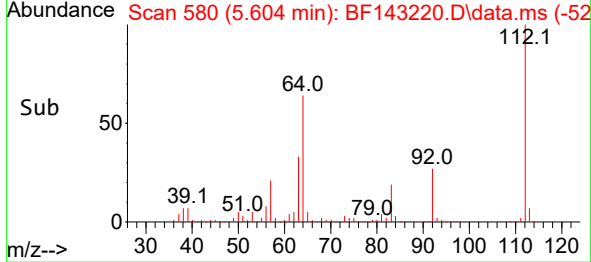
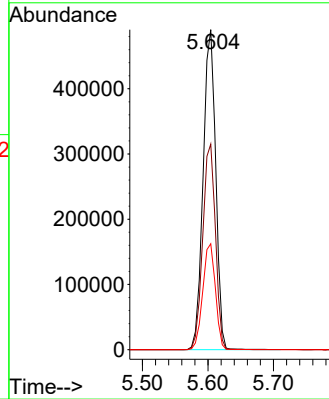
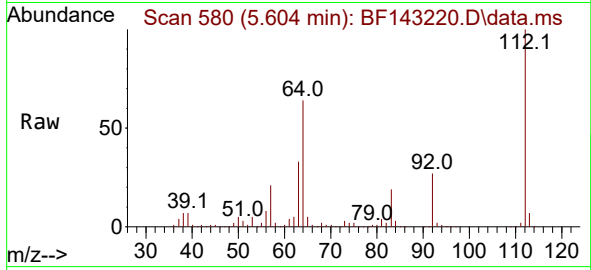




#5
2-Fluorophenol
Concen: 83.808 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

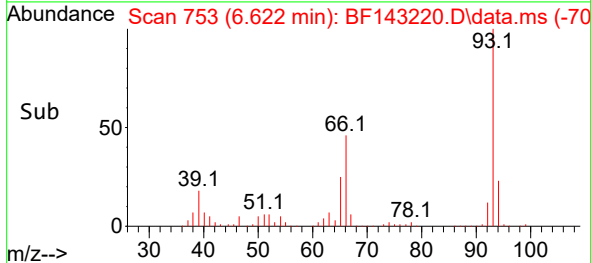
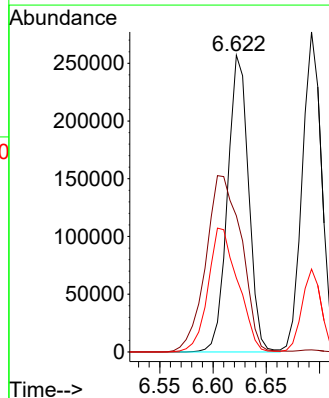
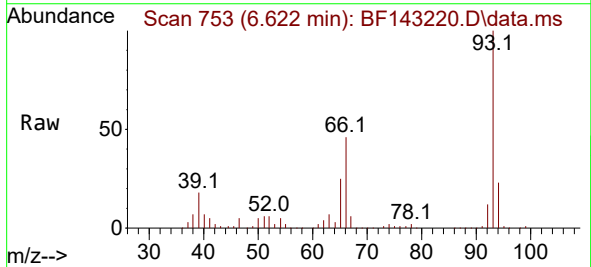
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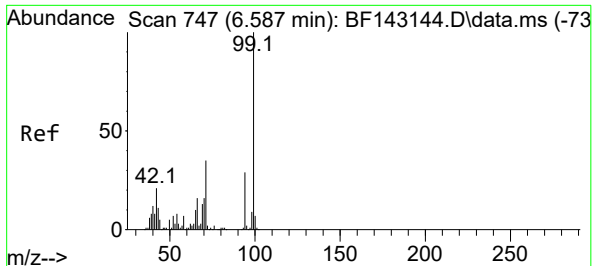
Tgt Ion:112 Resp: 656400
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 33.1 26.6 40.0



#6
Aniline
Concen: 25.709 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 353230
Ion Ratio Lower Upper
93 100
66 45.9 33.2 49.8
65 24.9 16.9 25.3

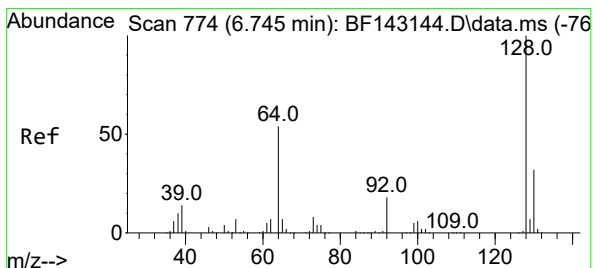
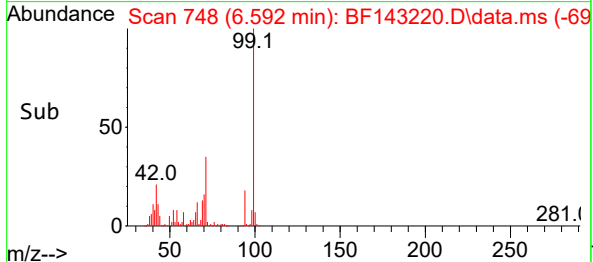
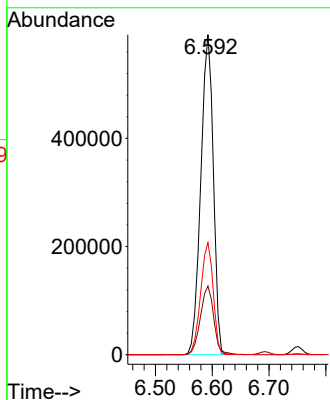
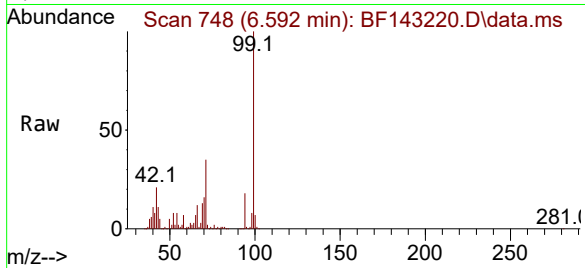




#7
Phenol-d6
Concen: 92.007 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

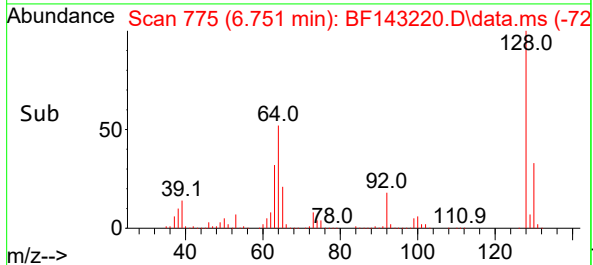
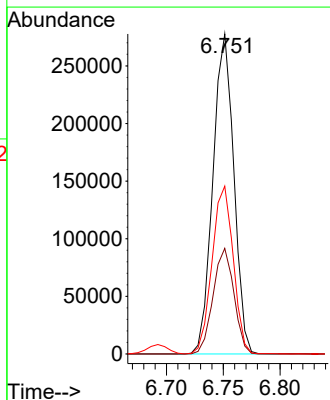
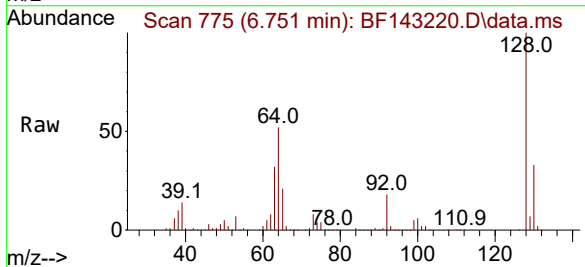
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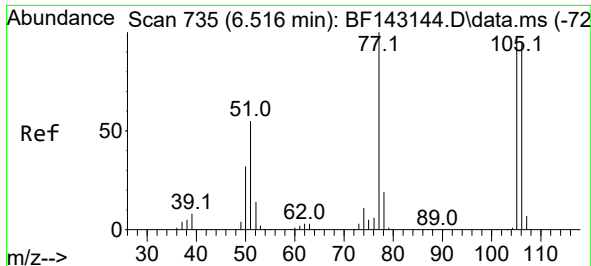
Tgt Ion: 99 Resp: 907029
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 35.0 27.7 41.5



#8
2-Chlorophenol
Concen: 43.297 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:128 Resp: 355457
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 52.5 35.9 75.9

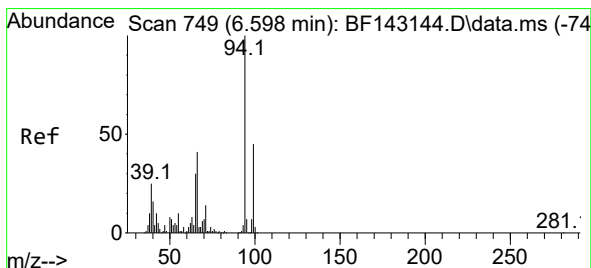
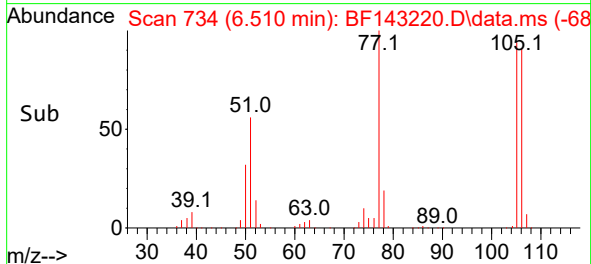
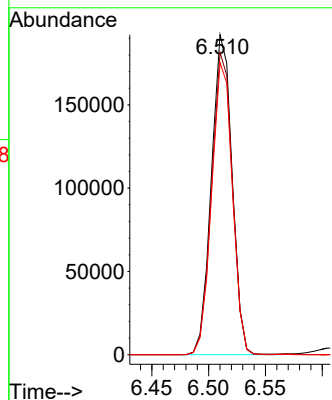
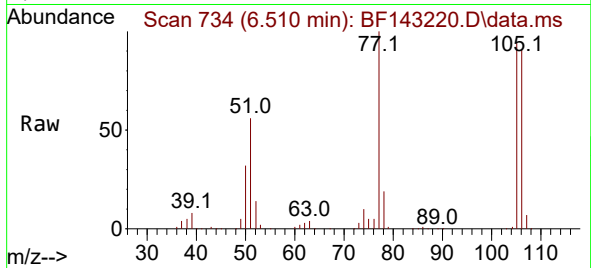




#9
Benzaldehyde
Concen: 32.874 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

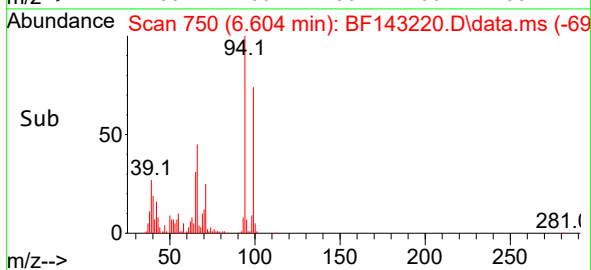
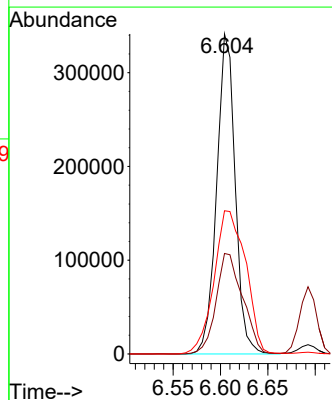
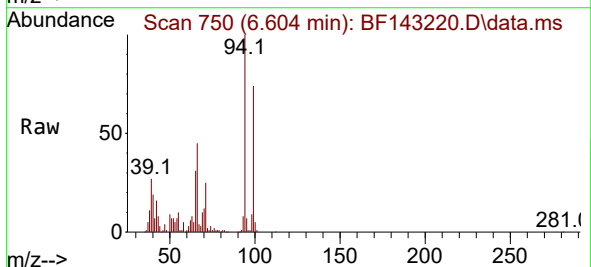
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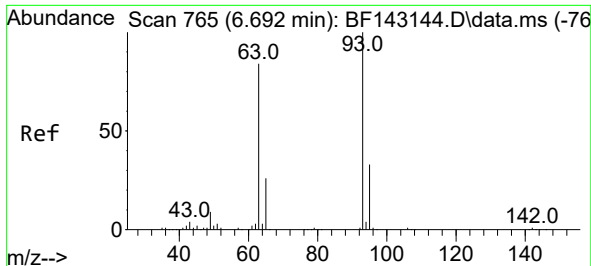
Tgt Ion: 77 Resp: 243011
Ion Ratio Lower Upper
77 100
105 94.4 76.8 116.8
106 91.2 74.4 114.4



#10
Phenol
Concen: 43.342 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 94 Resp: 465478
Ion Ratio Lower Upper
94 100
65 31.4 10.0 50.0
66 44.8 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 42.179 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

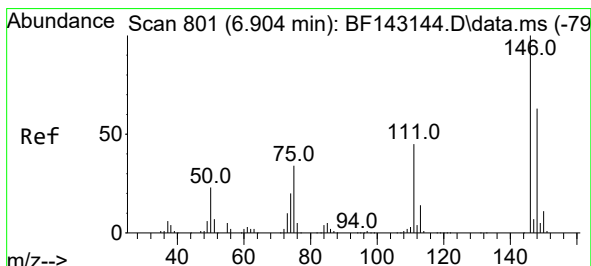
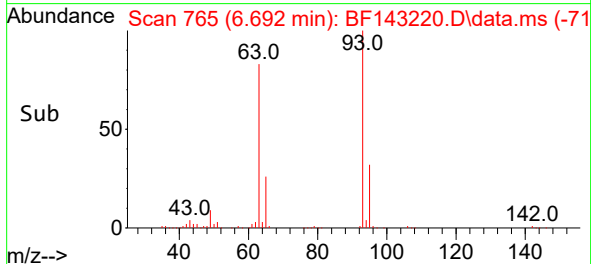
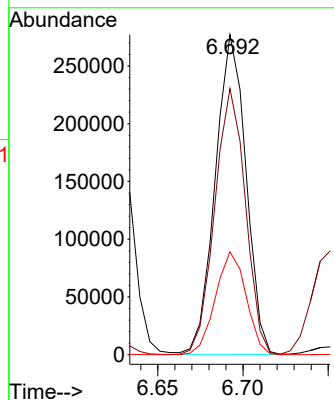
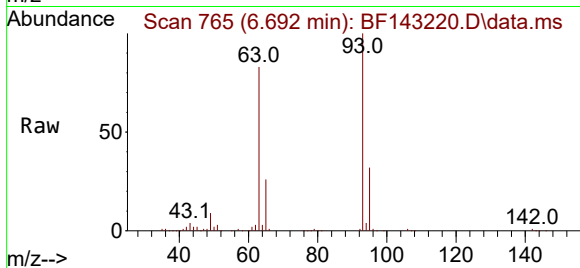
Tgt Ion: 93 Resp: 346838

Ion Ratio Lower Upper

93 100

63 83.2 63.4 103.4

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.883 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

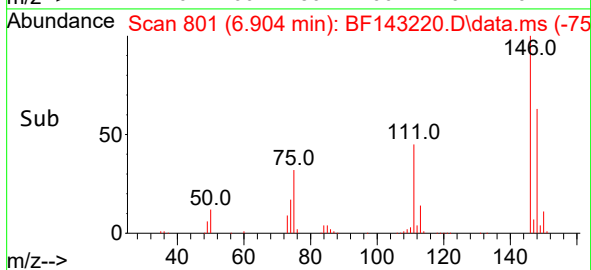
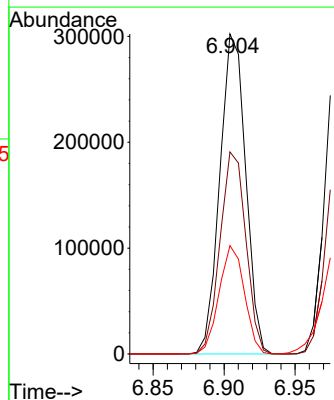
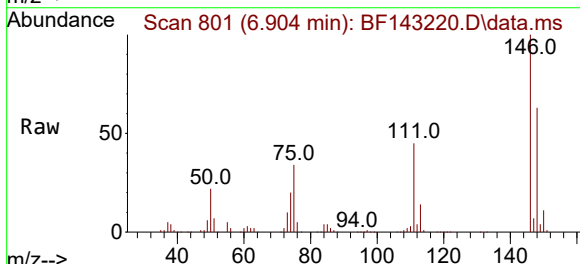
Tgt Ion: 146 Resp: 382448

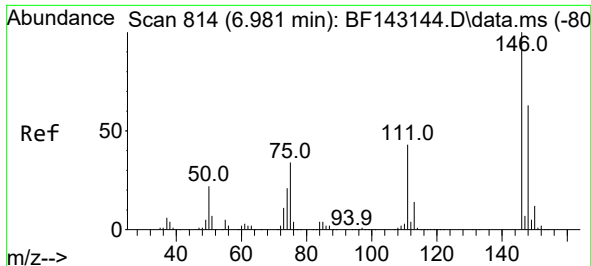
Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.257 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

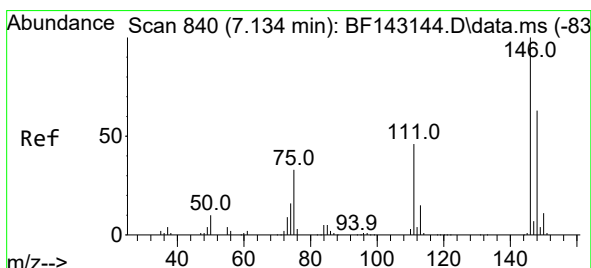
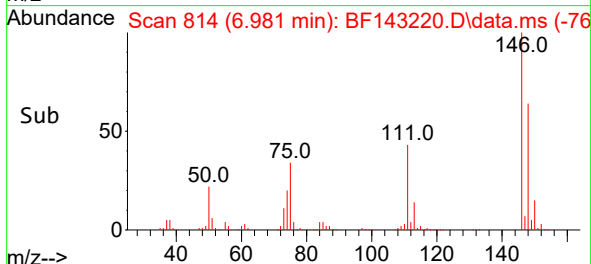
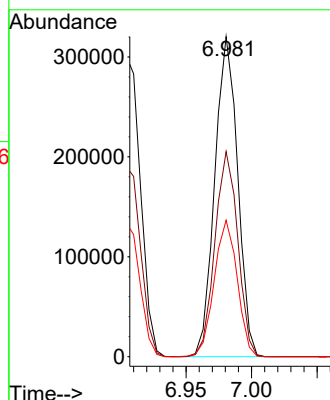
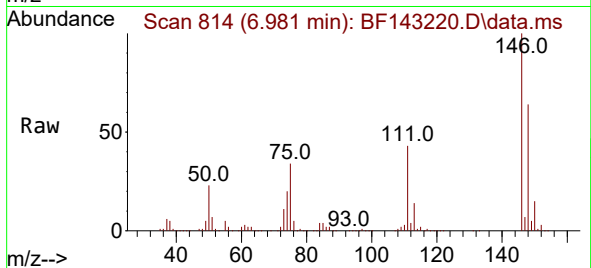
Tgt Ion:146 Resp: 388505

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 42.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 43.686 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

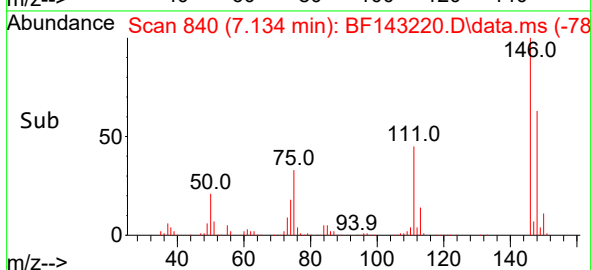
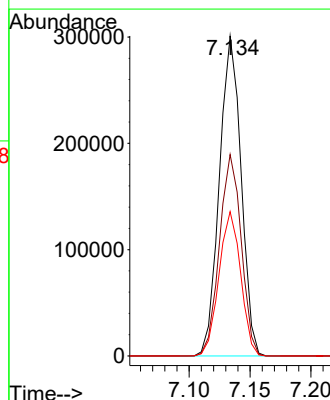
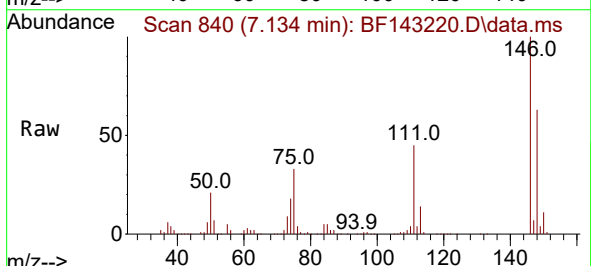
Tgt Ion:146 Resp: 373177

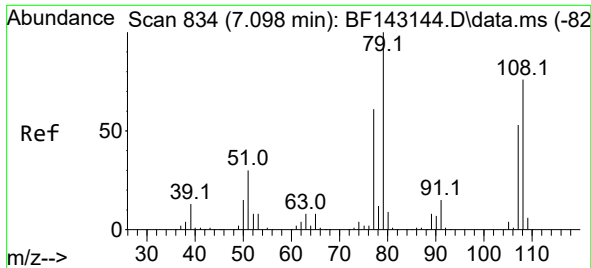
Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

111 45.1 36.6 54.8



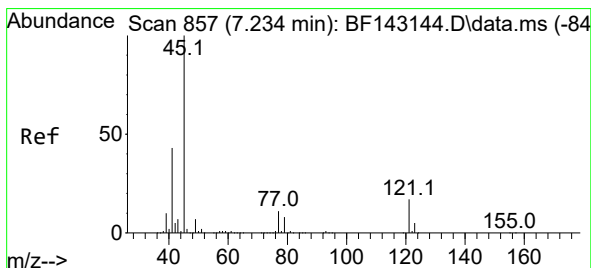
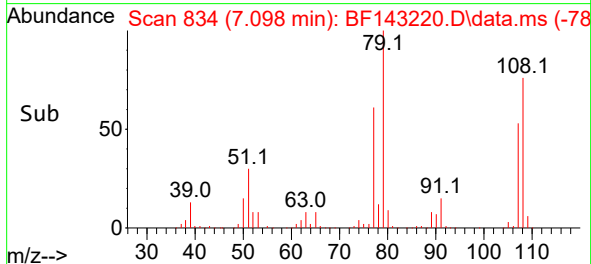
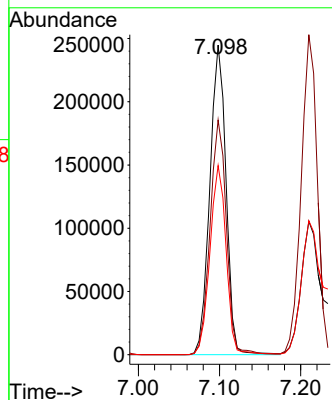
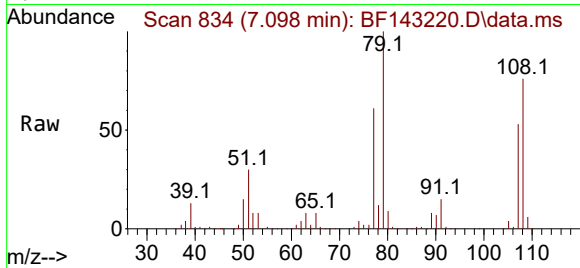


#15
Benzyl Alcohol
Concen: 45.057 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 79 Resp: 339159

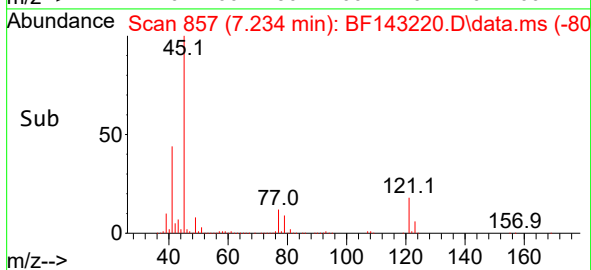
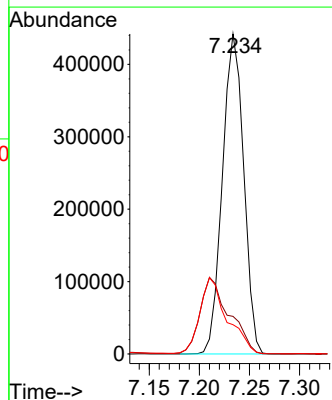
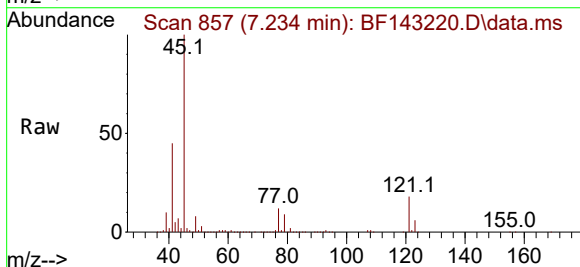
Ion	Ratio	Lower	Upper
79	100		
108	75.8	61.1	91.7
77	61.1	48.9	73.3

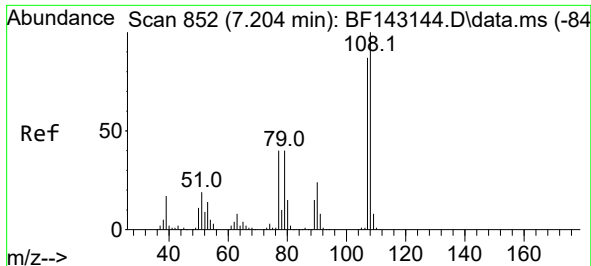


#16
2,2'-oxybis(1-chloropropane)
Concen: 42.722 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 45 Resp: 651683

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.1	0.0	28.5

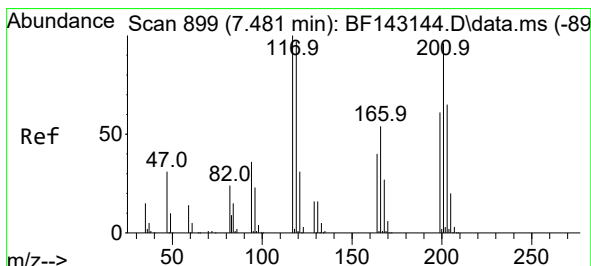
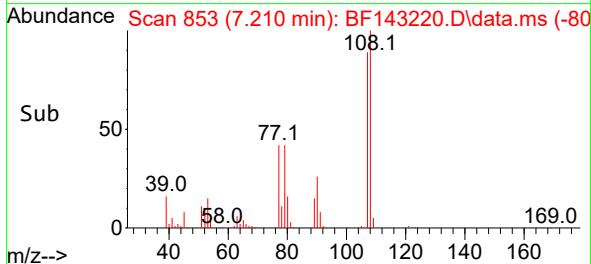
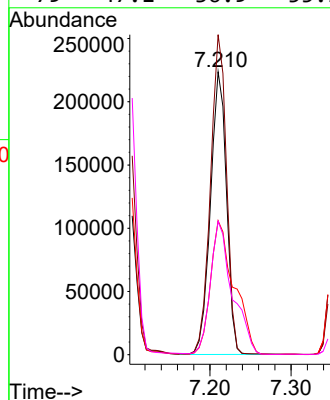
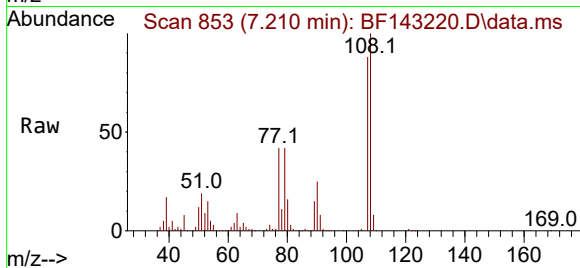




#17
2-Methylphenol
Concen: 44.394 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

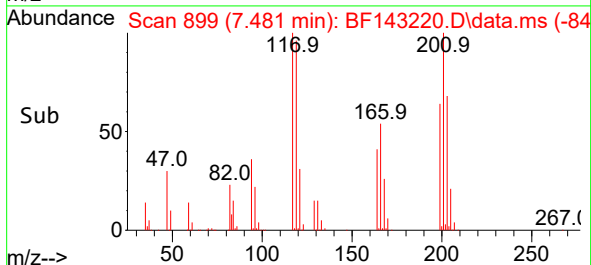
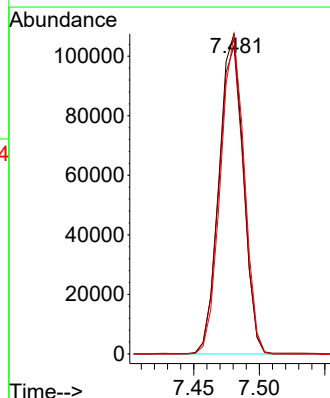
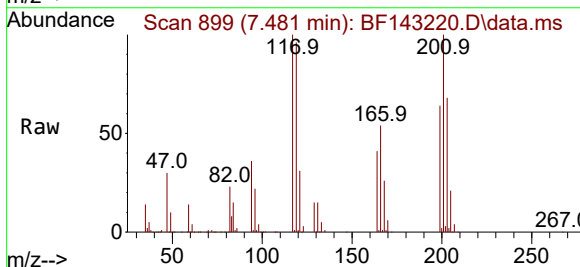
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

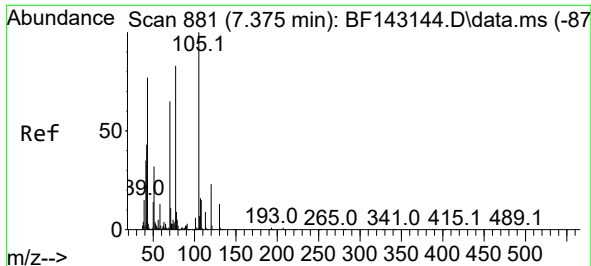
Tgt Ion:107	Resp:	306449
Ion Ratio	Lower	Upper
107	100	
108	113.1	91.8 137.6
77	47.3	37.0 55.6
79	47.1	36.9 55.3



#18
Hexachloroethane
Concen: 44.519 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:117	Resp:	138420
Ion Ratio	Lower	Upper
117	100	
119	96.2	77.8 116.8
201	99.6	77.0 115.4

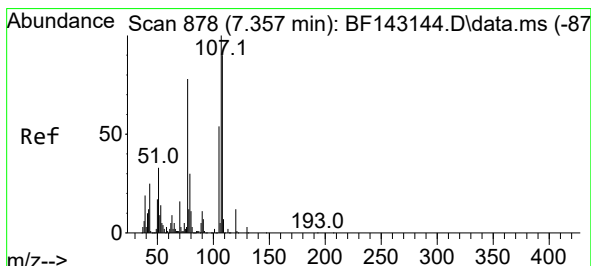
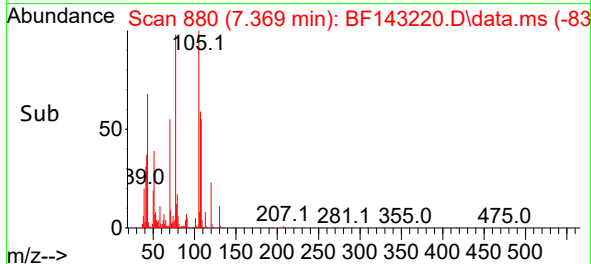
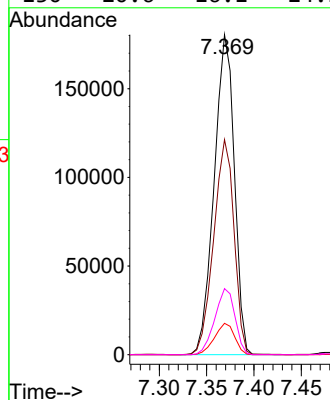
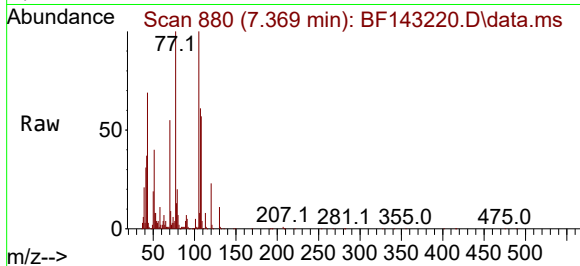




#19
n-Nitroso-di-n-propylamine
Concen: 42.301 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

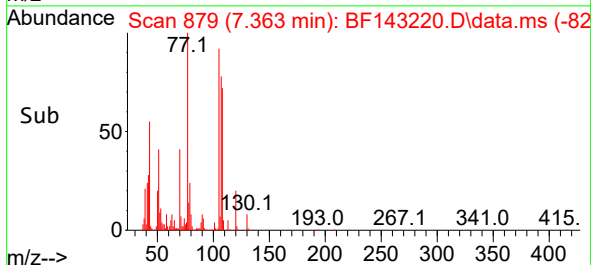
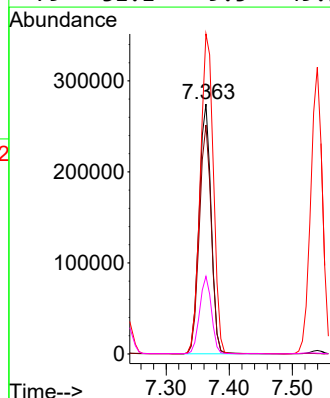
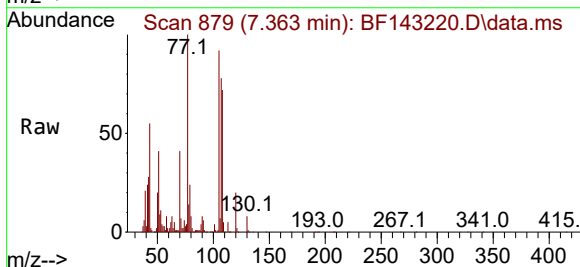
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

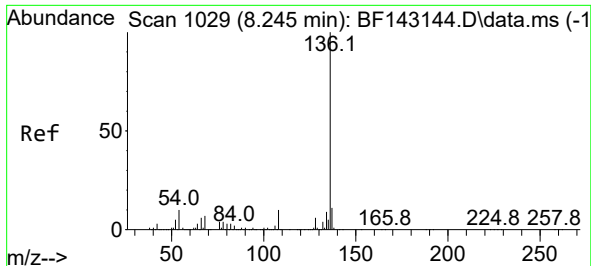
Tgt Ion:	70	Resp:	267541
Ion	Ratio	Lower	Upper
70	100		
42	67.2	52.5	78.7
101	9.8	7.6	11.4
130	20.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.368 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:	107	Resp:	363208
Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.0	110.0
77	128.0	57.8	97.8#
79	31.1	9.5	49.5



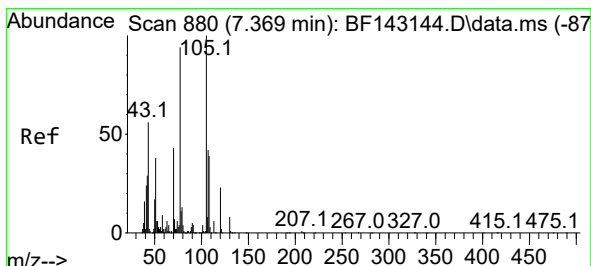
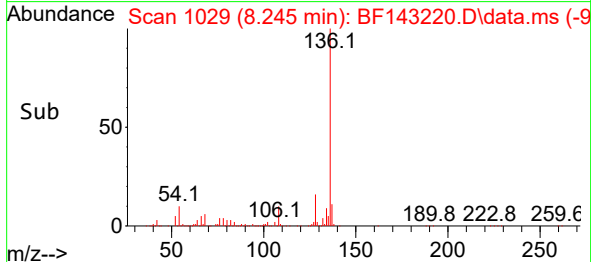
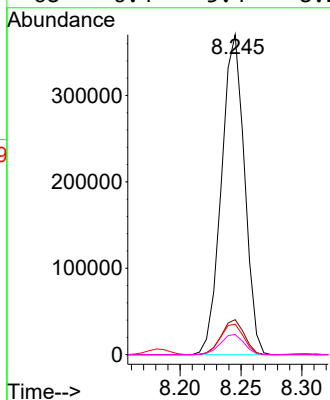
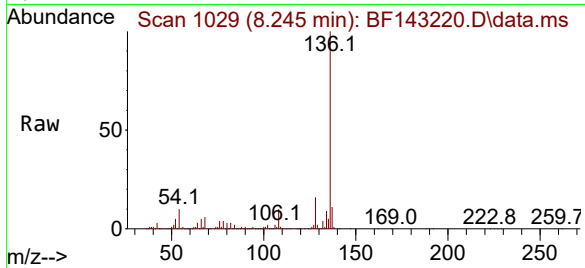


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:136 Resp: 487638

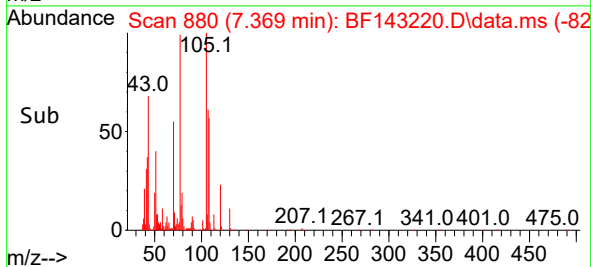
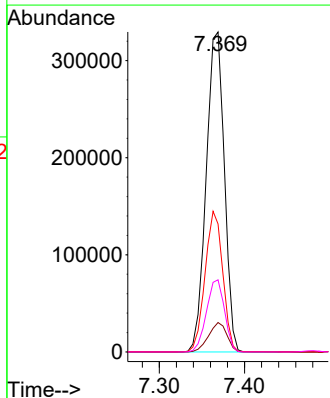
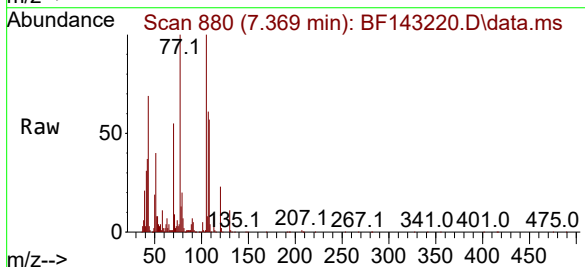
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.2	12.2
68	6.4	5.4	8.2

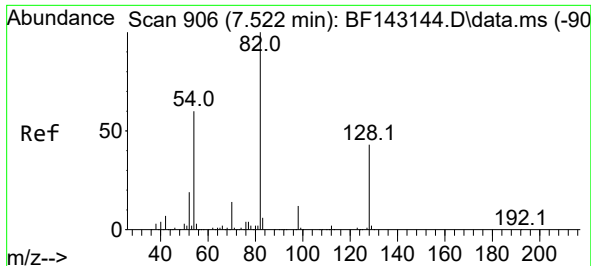


#22
Acetophenone
Concen: 42.243 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:105 Resp: 487694

Ion	Ratio	Lower	Upper
105	100		
71	9.2	5.8	8.6
51	40.0	30.2	45.2
120	22.5	18.2	27.4





#23

Nitrobenzene-d5

Concen: 63.556 ng

RT: 7.522 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

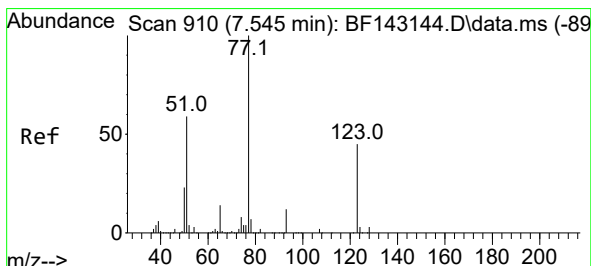
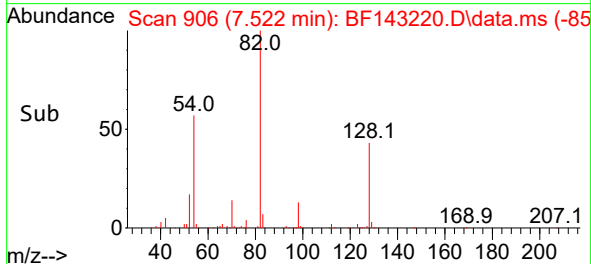
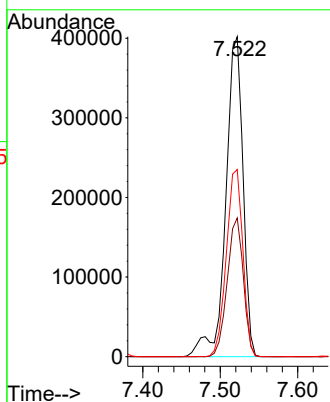
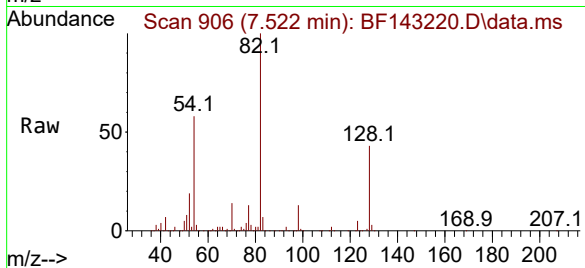
Tgt Ion: 82 Resp: 621749

Ion Ratio Lower Upper

82 100

128 43.3 33.6 50.4

54 58.5 47.1 70.7



#24

Nitrobenzene

Concen: 44.216 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

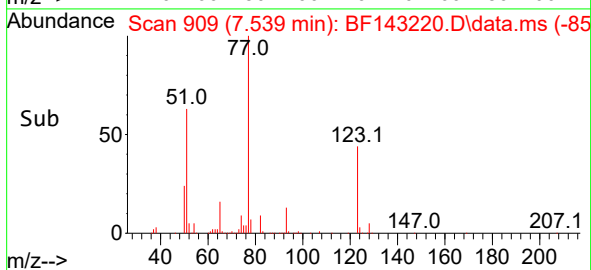
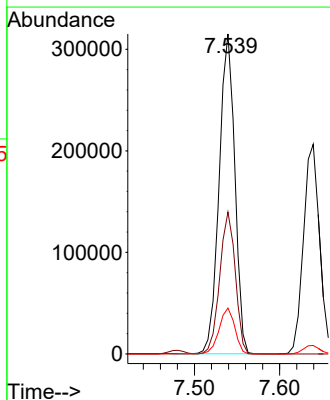
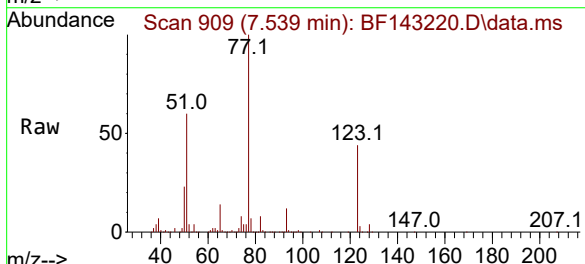
Tgt Ion: 77 Resp: 403268

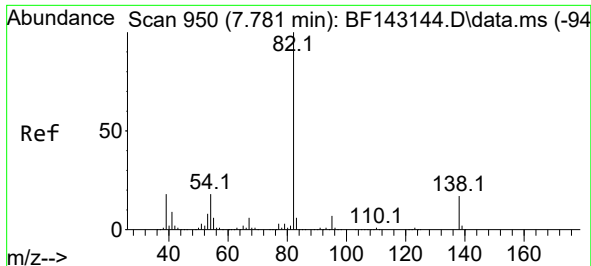
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.4 11.4 17.2

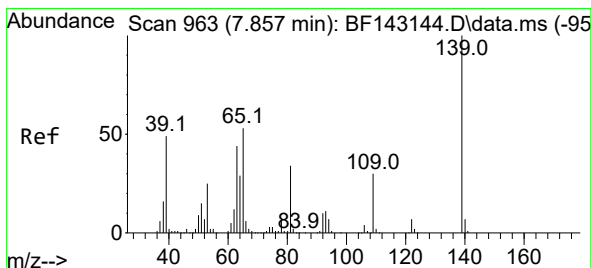
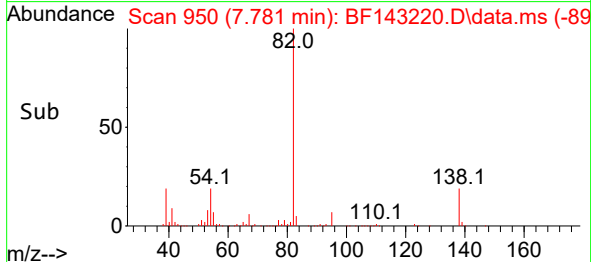
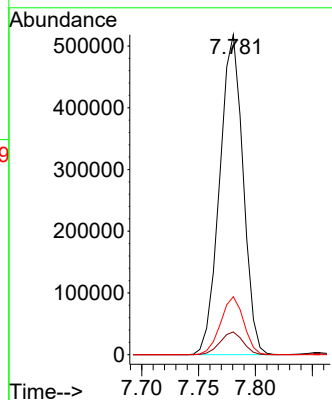
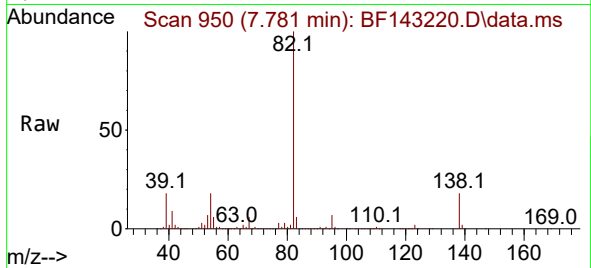




#25
Isophorone
Concen: 43.082 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

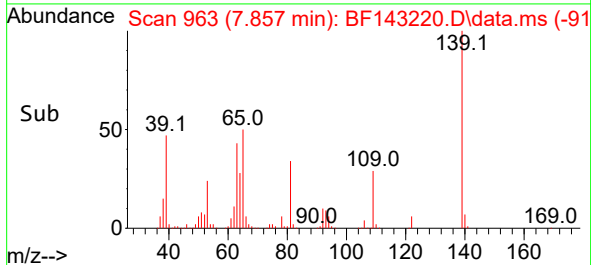
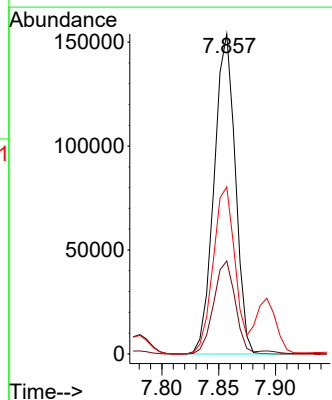
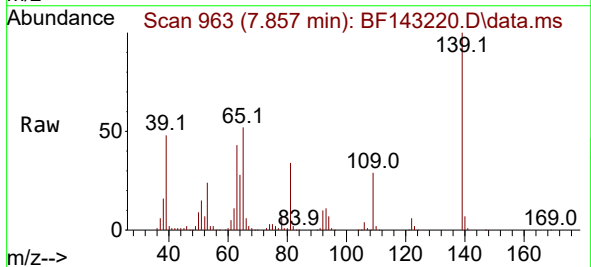
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

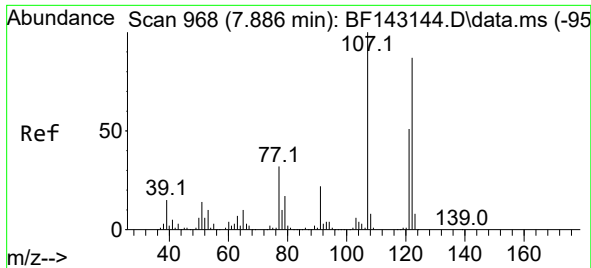
Tgt Ion: 82 Resp: 744006
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 50.461 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 199741
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 52.2 42.6 64.0

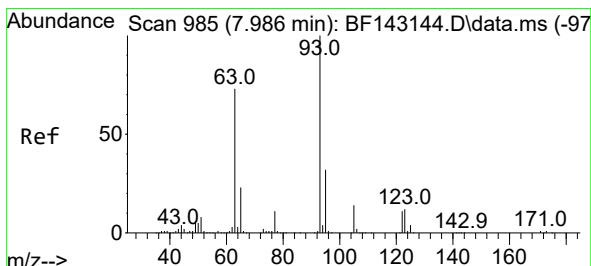
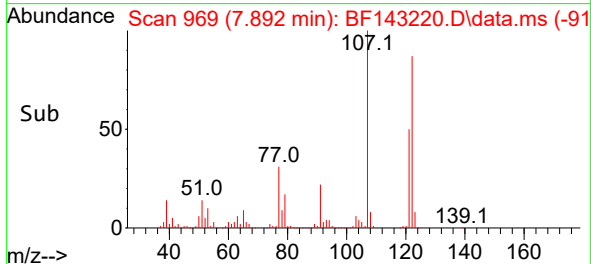
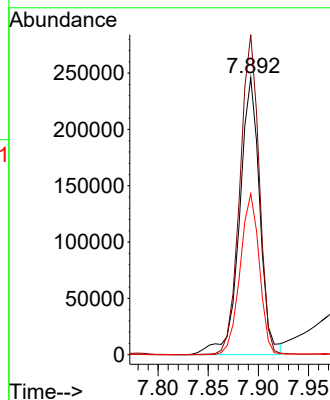
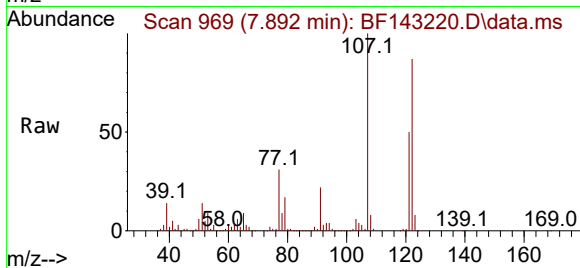




#27
2,4-Dimethylphenol
Concen: 42.889 ng
RT: 7.892 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

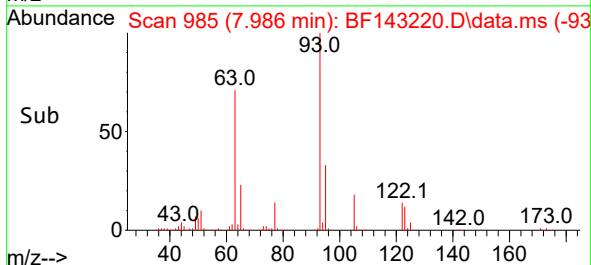
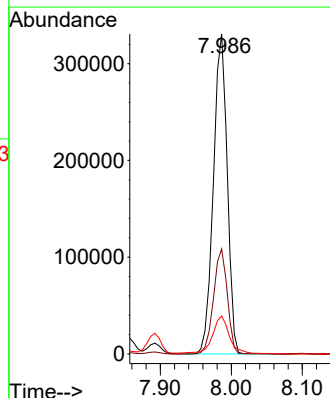
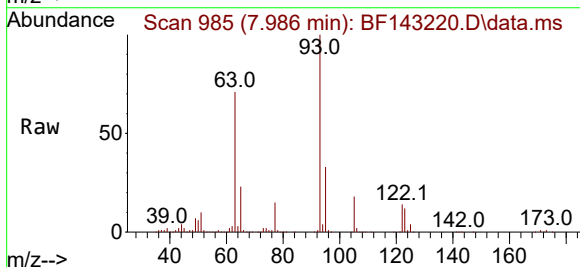
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

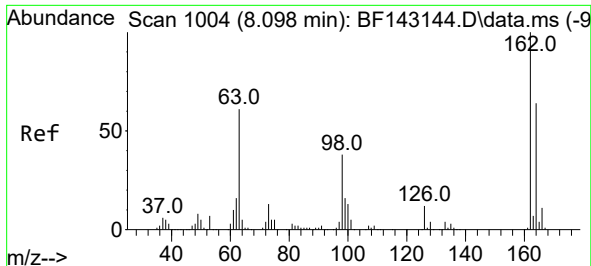
Tgt Ion:122 Resp: 346051
Ion Ratio Lower Upper
122 100
107 115.5 91.8 137.6
121 58.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.143 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 446720
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.9 9.7 14.5

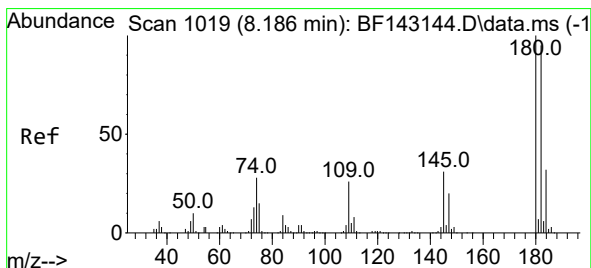
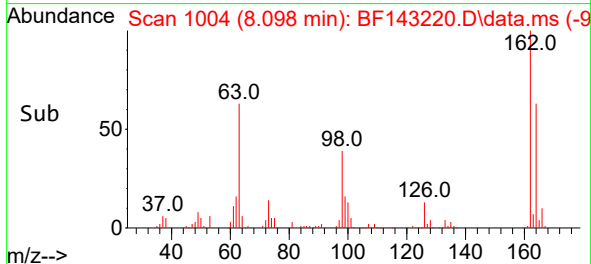
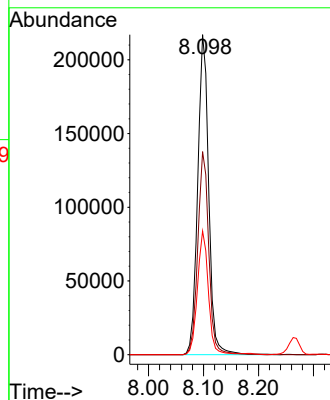
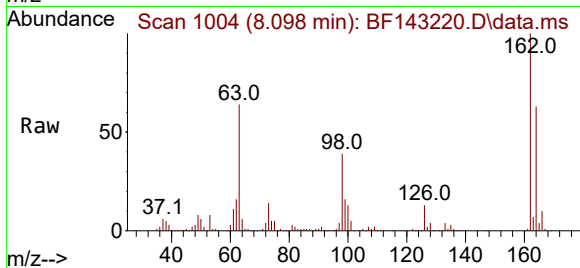




#29
2,4-Dichlorophenol
Concen: 44.367 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

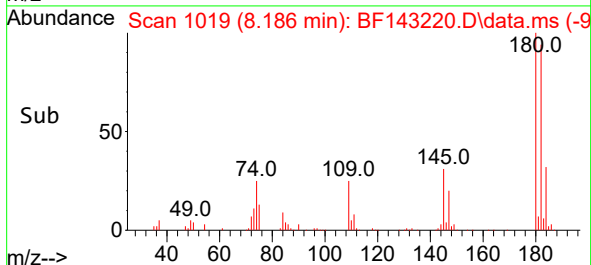
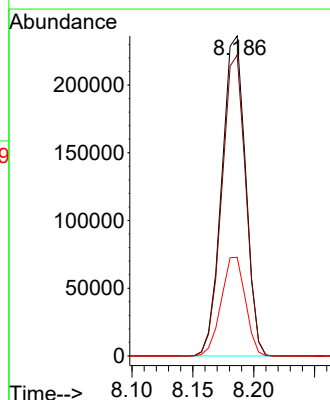
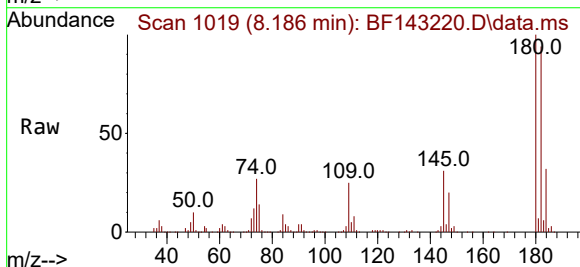
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

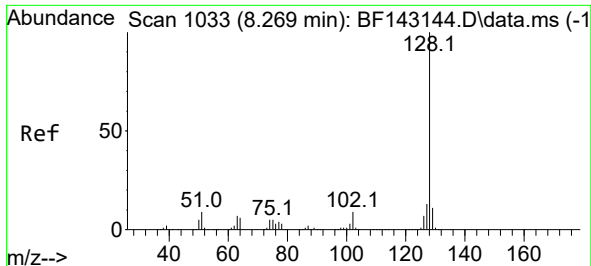
Tgt Ion:162 Resp: 301890
Ion Ratio Lower Upper
162 100
164 63.5 44.2 84.2
98 38.7 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 43.808 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:180 Resp: 322037
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 30.9 25.0 37.6

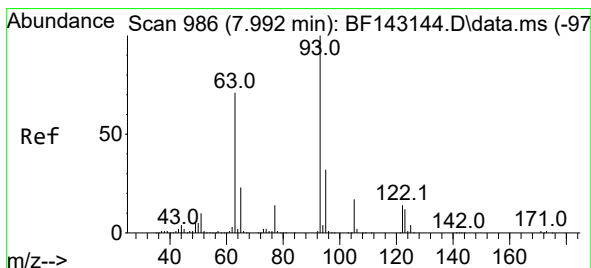
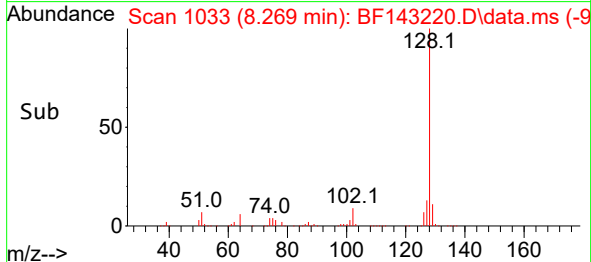
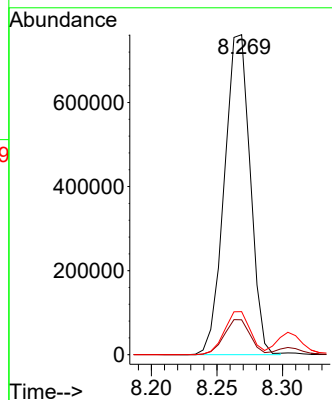
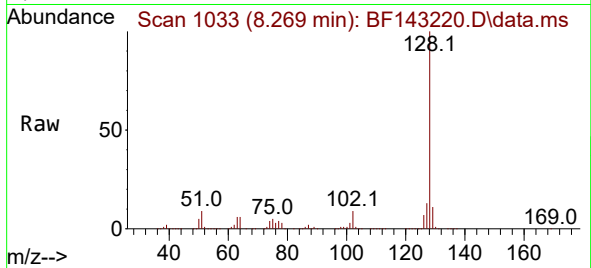




#31
Naphthalene
Concen: 43.400 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

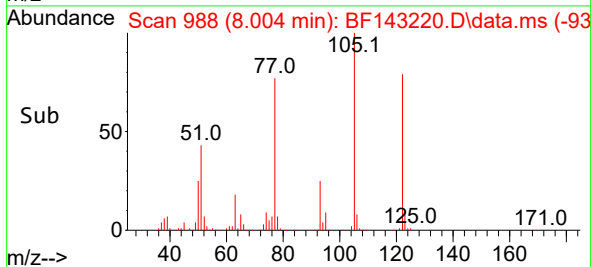
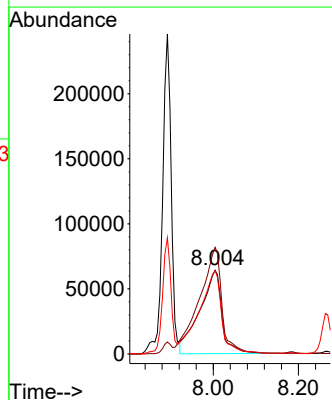
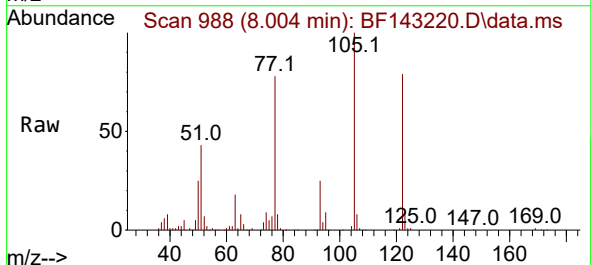
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

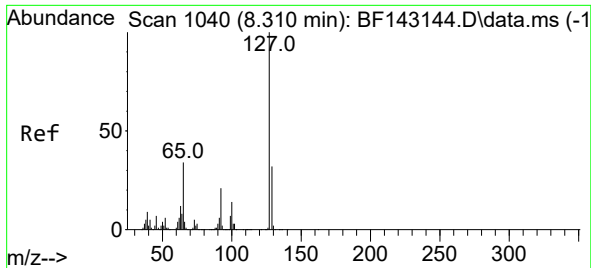
Tgt Ion:128 Resp: 1042280
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 50.871 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:122 Resp: 232787
Ion Ratio Lower Upper
122 100
105 127.4 104.8 144.8
77 99.7 77.6 117.6

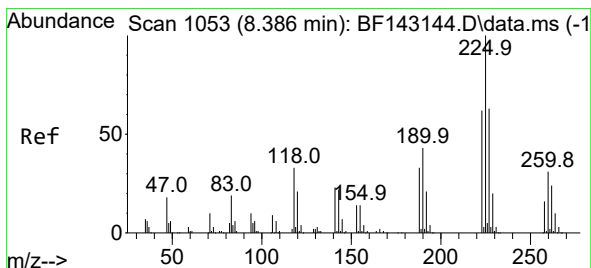
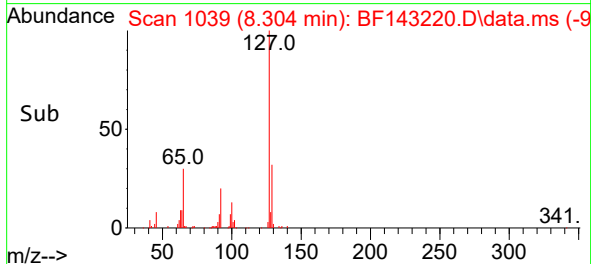
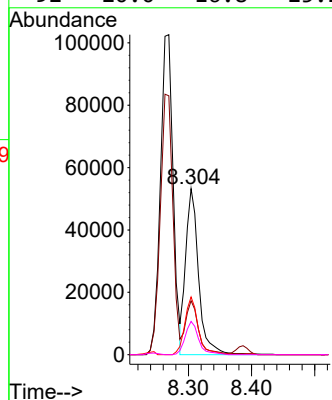
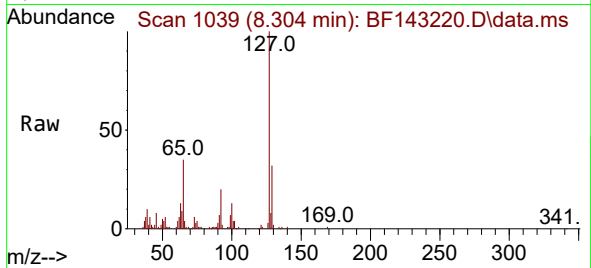




#33
4-Chloroaniline
Concen: 7.796 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

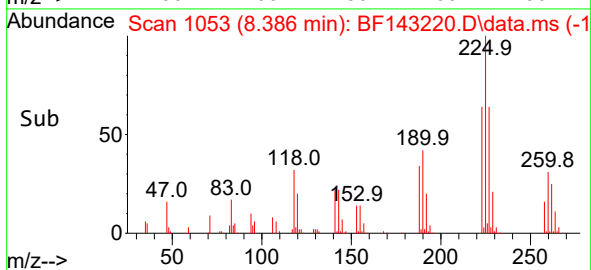
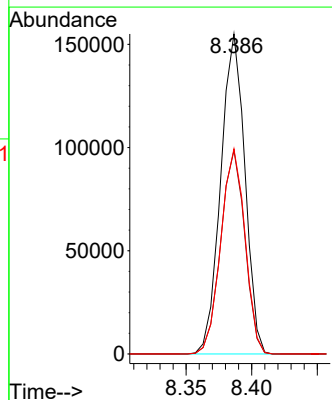
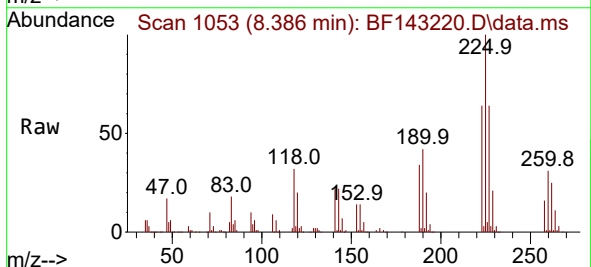
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

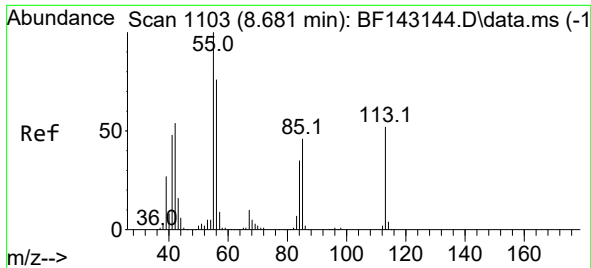
Tgt Ion:	127	Resp:	76450
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	34.8	27.4	41.2
92	20.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.130 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:	225	Resp:	198172
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	64.1	50.2	75.4

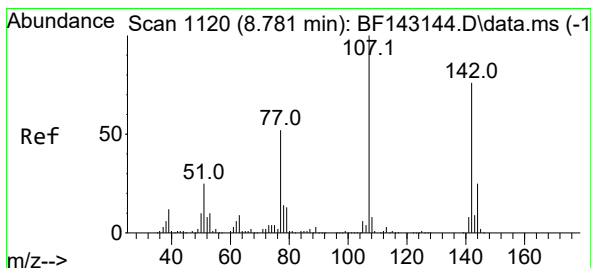
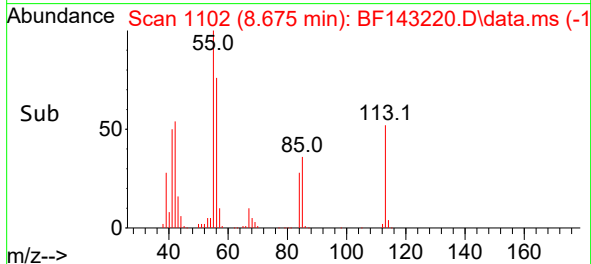
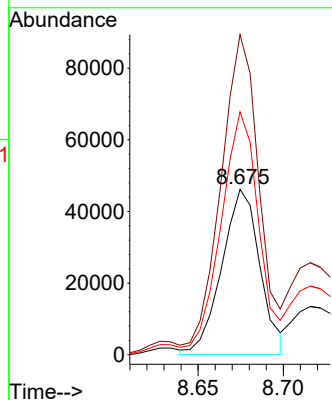
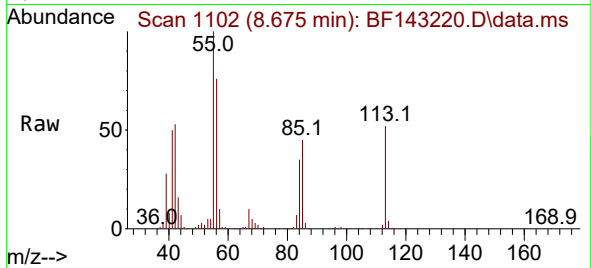




#35
 Caprolactam
 Concen: 34.966 ng
 RT: 8.675 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

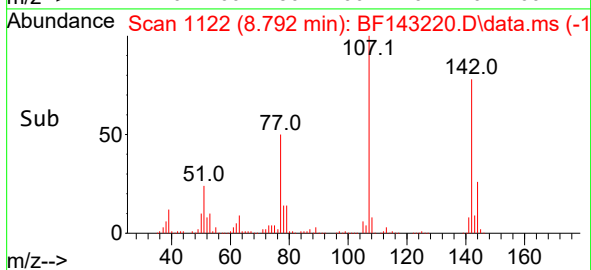
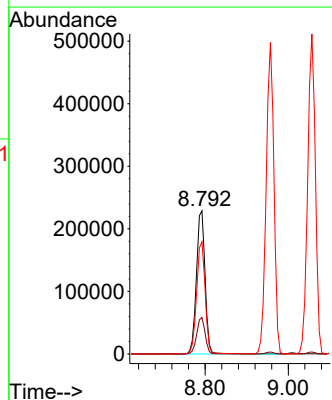
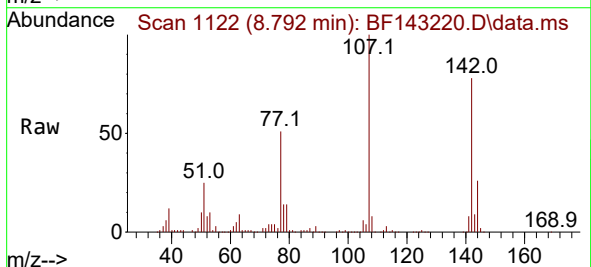
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

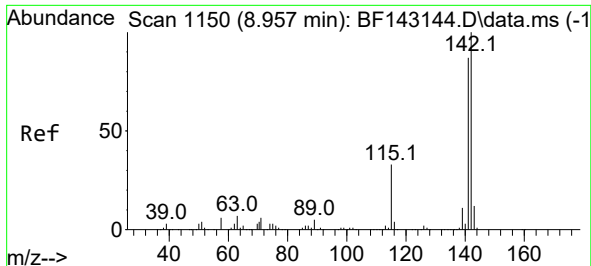
Tgt Ion:113 Resp: 71897
 Ion Ratio Lower Upper
 113 100
 55 193.6 174.0 214.0
 56 146.9 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.675 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

Tgt Ion:107 Resp: 330408
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.6
 142 78.4 60.6 90.8

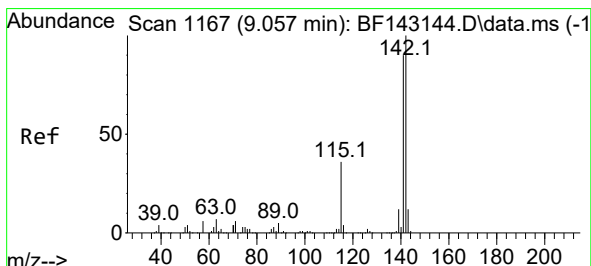
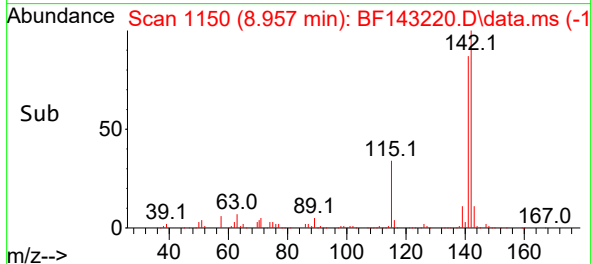
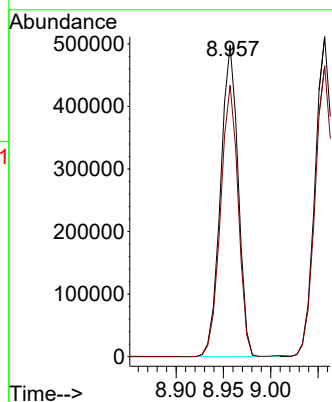
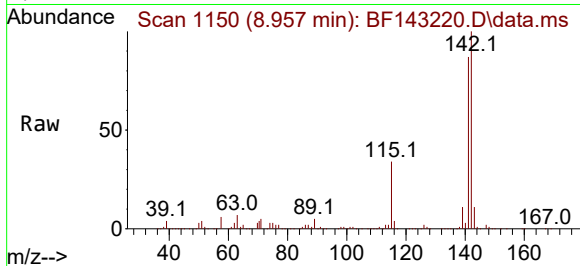




#37
2-Methylnaphthalene
Concen: 44.085 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

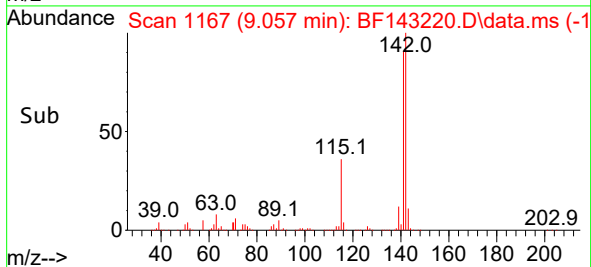
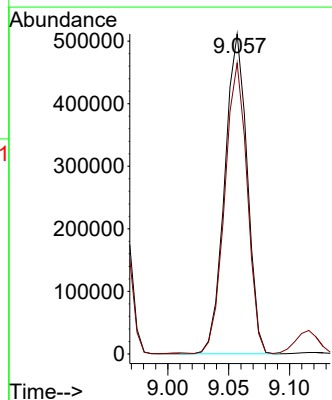
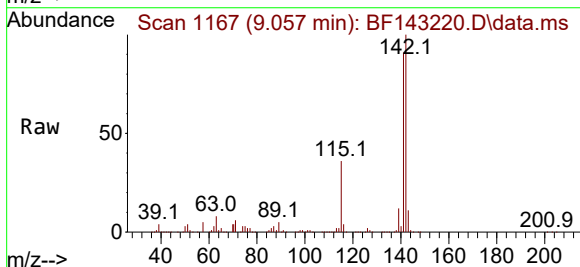
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

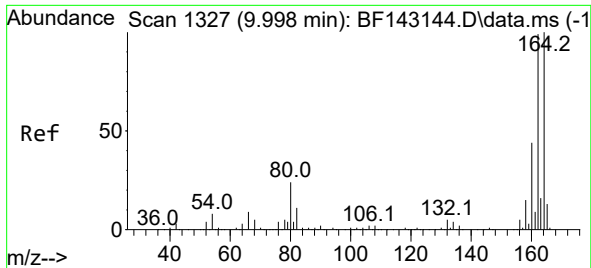
Tgt Ion:142 Resp: 644249
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.688 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:142 Resp: 657451
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5

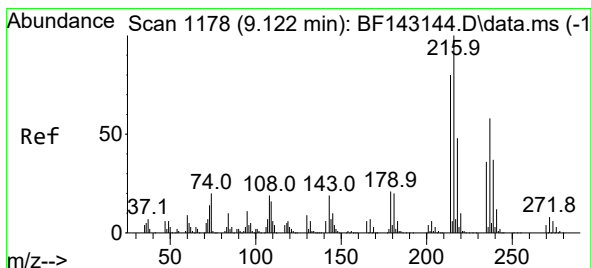
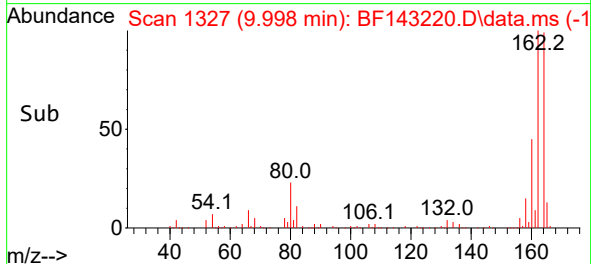
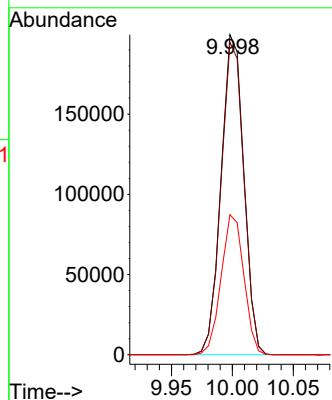
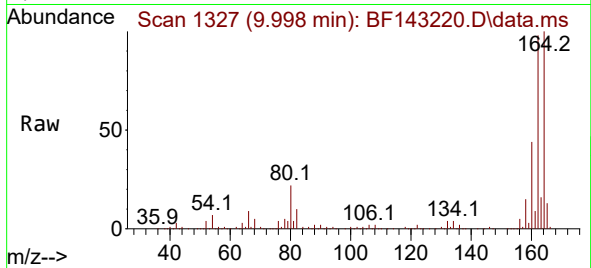




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

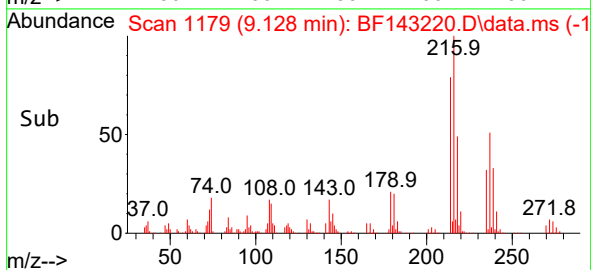
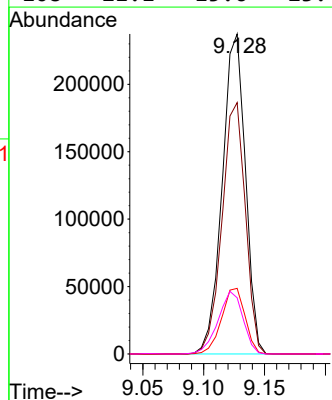
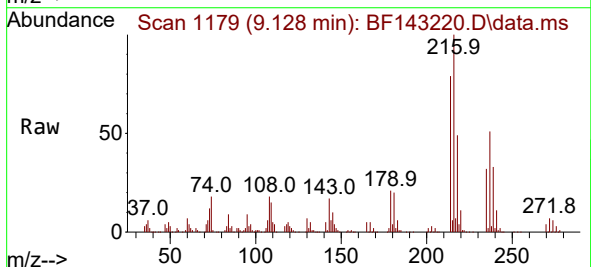
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:164 Resp: 259548
Ion Ratio Lower Upper
164 100
162 97.7 79.0 118.6
160 43.8 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.919 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:216 Resp: 314114
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.8
179 20.9 16.4 24.6
108 21.1 15.6 23.4

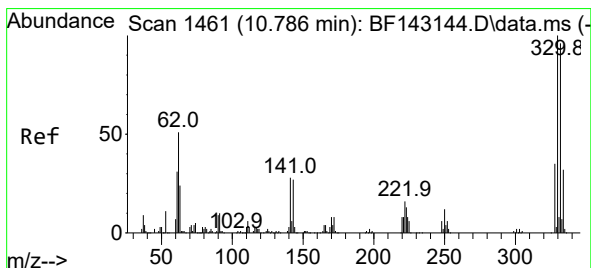
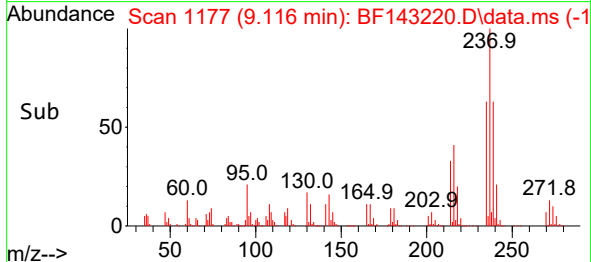
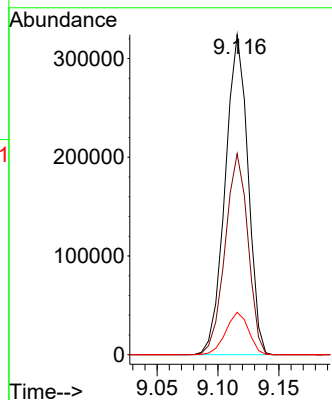
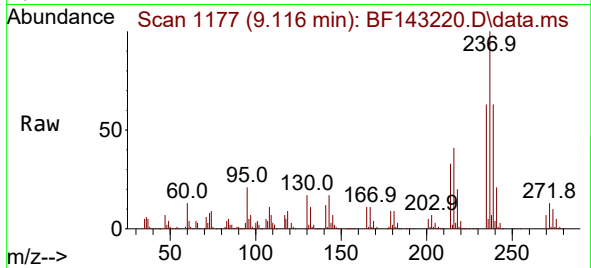




#41
Hexachlorocyclopentadiene
Concen: 86.742 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

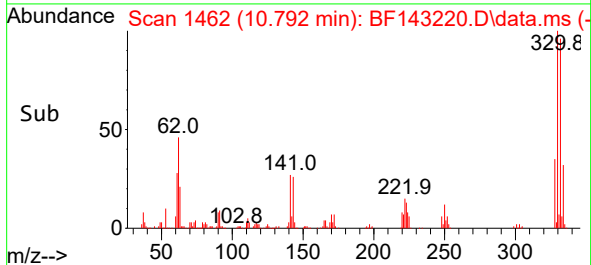
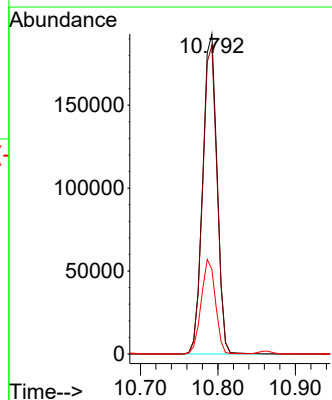
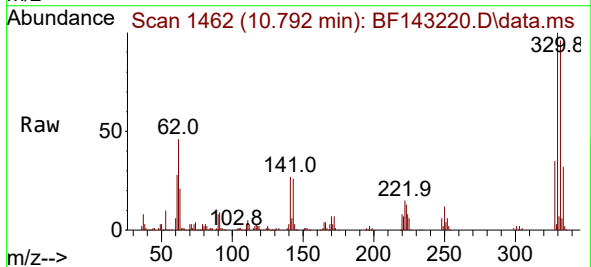
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:237 Resp: 422934
Ion Ratio Lower Upper
237 100
235 62.8 43.0 83.0
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:330 Resp: 247670
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 29.4 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 42.355 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

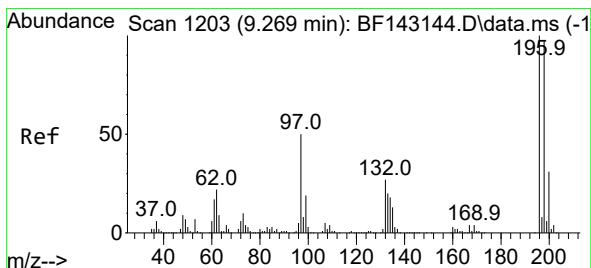
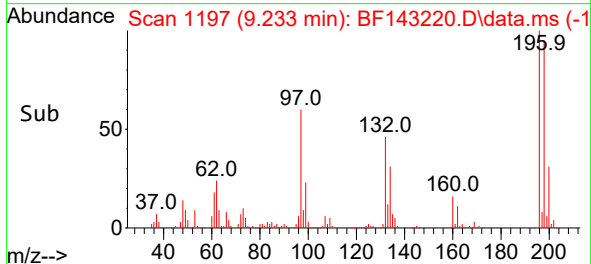
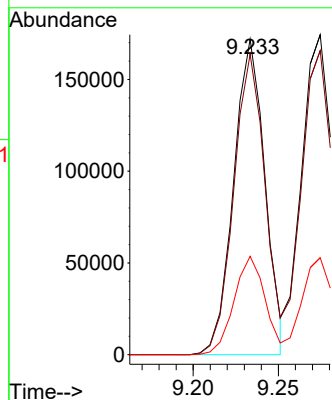
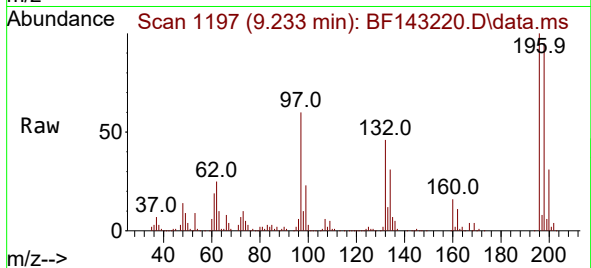
Tgt Ion:196 Resp: 219656

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 31.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 45.156 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:196 Resp: 234252

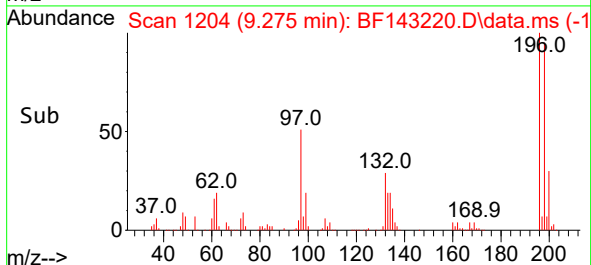
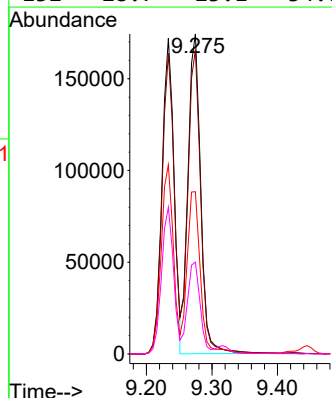
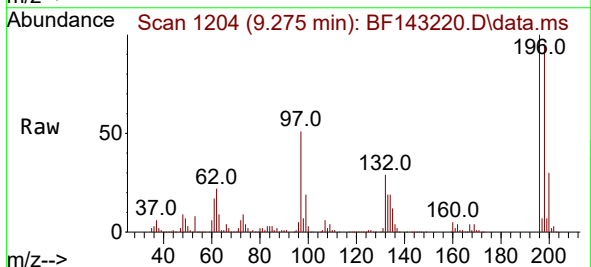
Ion Ratio Lower Upper

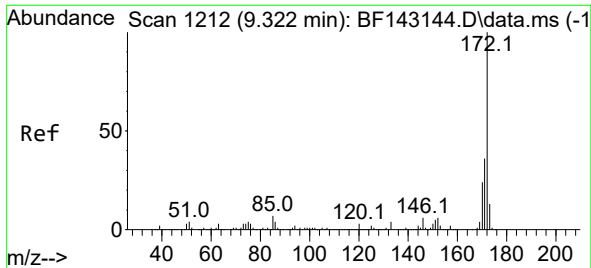
196 100

198 95.0 77.3 115.9

97 50.7 40.3 60.5

132 28.7 23.1 34.7

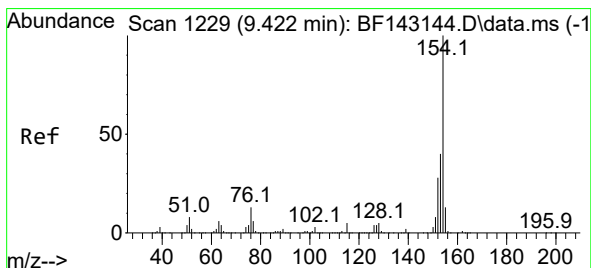
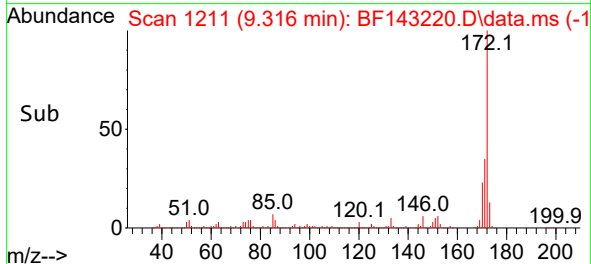
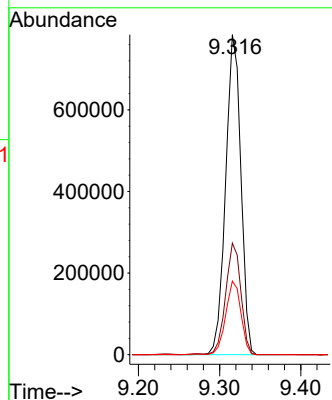
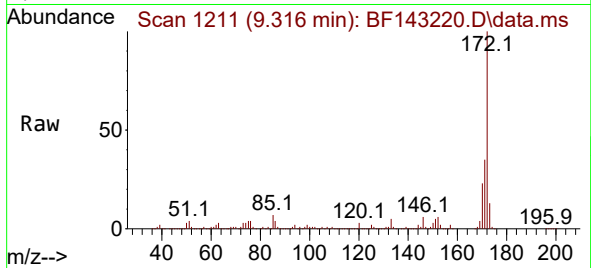




#45
2-Fluorobiphenyl
Concen: 53.987 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

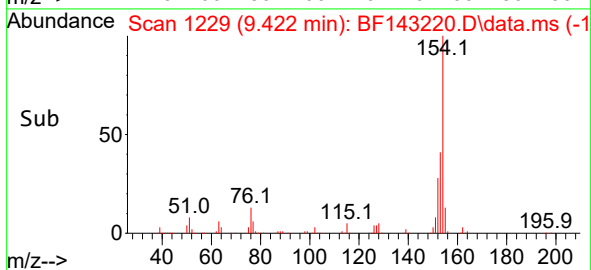
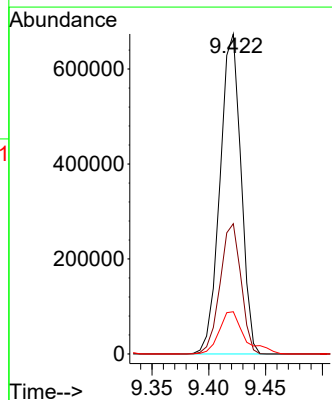
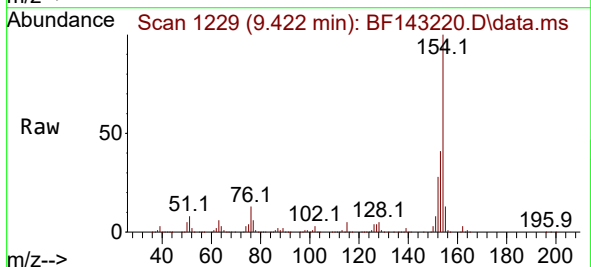
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

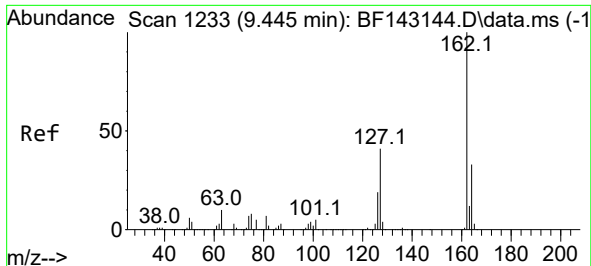
Tgt Ion:172 Resp: 1024568
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.829 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:154 Resp: 867290
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 13.2 0.0 33.3

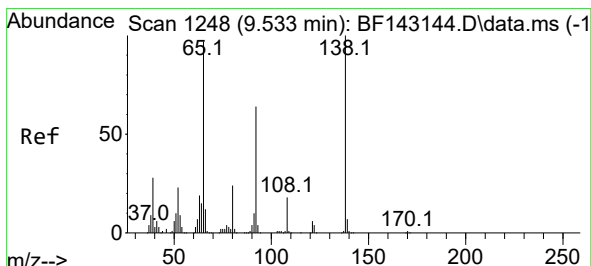
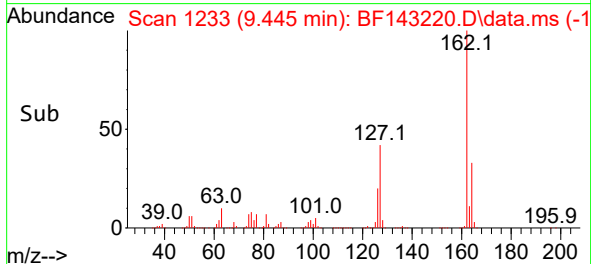
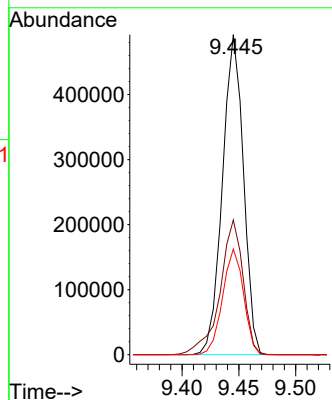
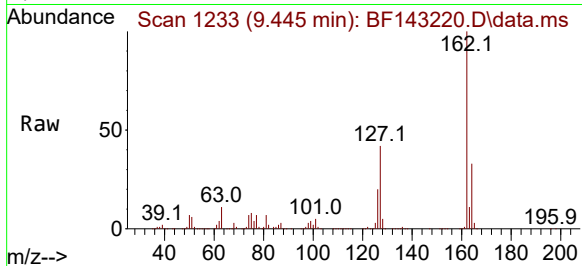




#47
2-Chloronaphthalene
Concen: 42.212 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

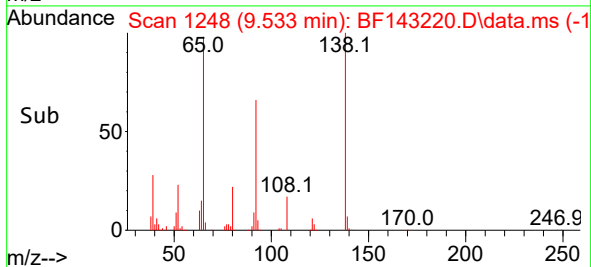
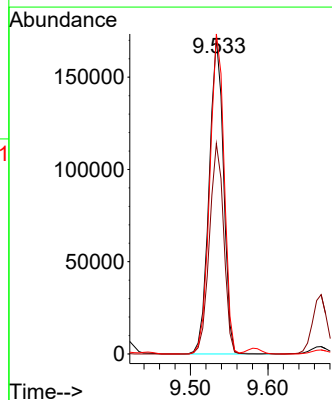
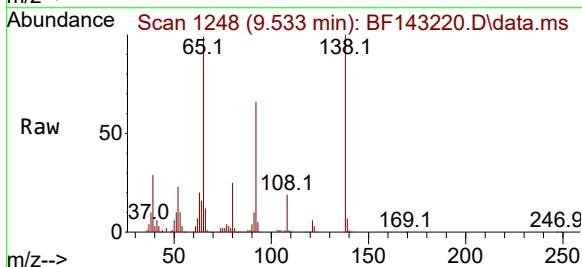
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

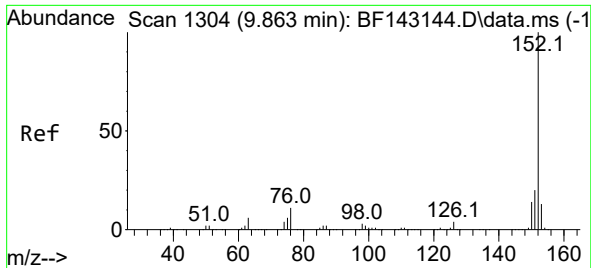
Tgt Ion:162 Resp: 632471
Ion Ratio Lower Upper
162 100
127 42.1 33.4 50.2
164 33.0 26.2 39.2



#48
2-Nitroaniline
Concen: 46.959 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 65 Resp: 220648
Ion Ratio Lower Upper
65 100
92 66.6 52.4 78.6
138 101.3 82.3 123.5

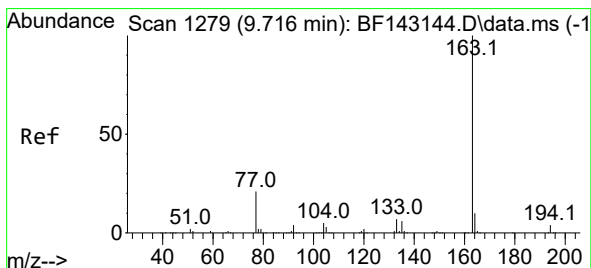
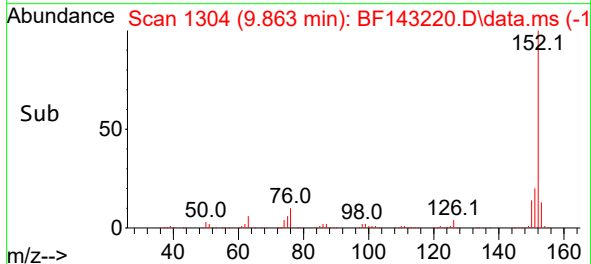
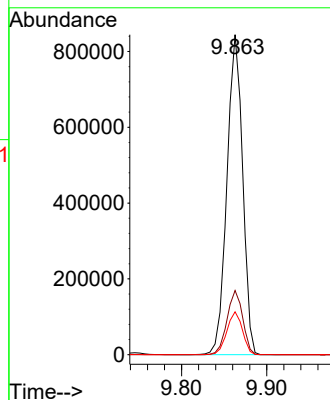
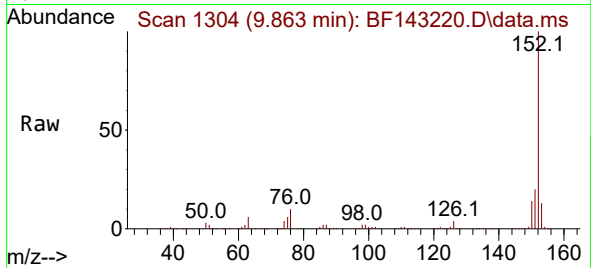




#49
Acenaphthylene
Concen: 42.983 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

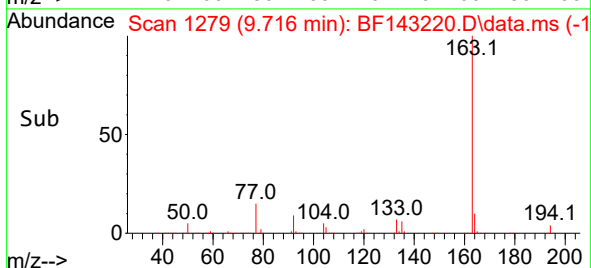
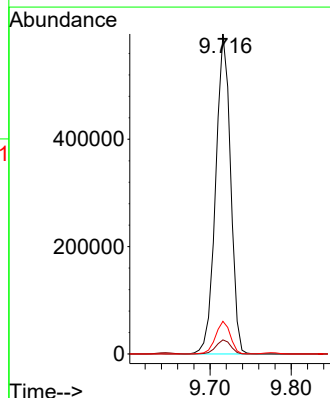
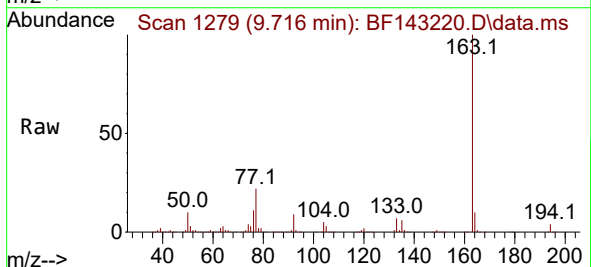
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

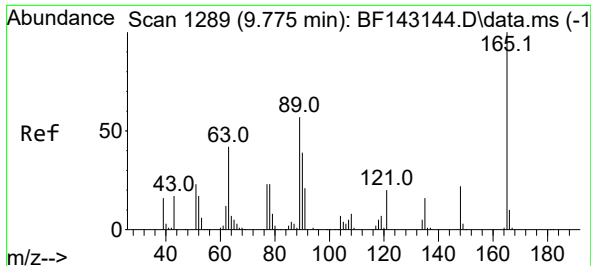
Tgt Ion:152 Resp: 1079291
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 44.958 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:163 Resp: 760601
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.3 12.5

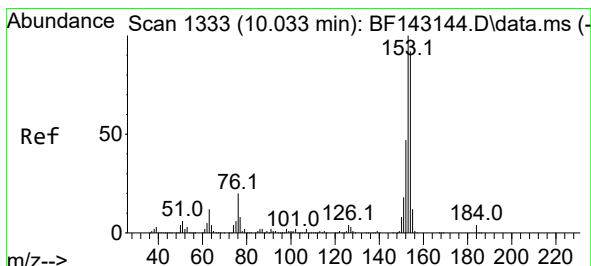
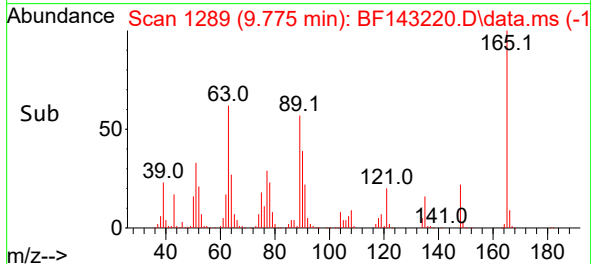
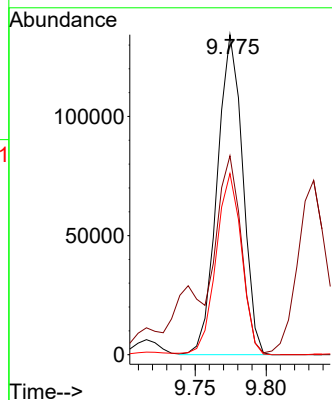
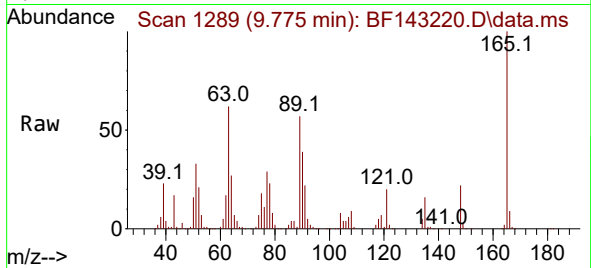




#51
2,6-Dinitrotoluene
Concen: 48.793 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

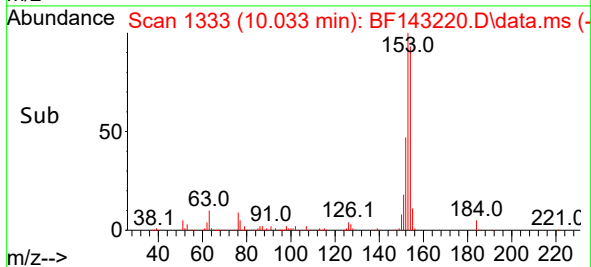
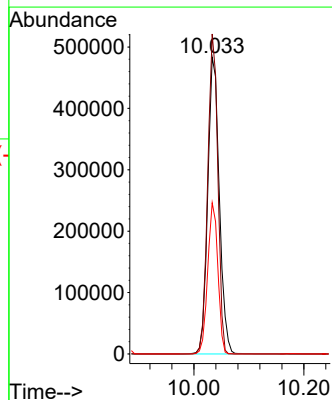
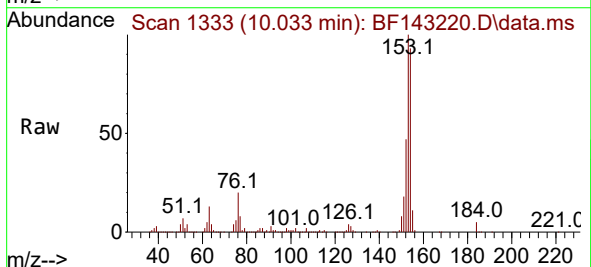
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

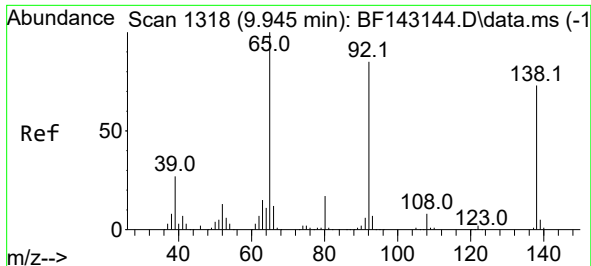
Tgt Ion:165 Resp: 167929
Ion Ratio Lower Upper
165 100
63 62.2 49.4 74.2
89 56.6 46.2 69.2



#52
Acenaphthene
Concen: 47.495 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:154 Resp: 704873
Ion Ratio Lower Upper
154 100
153 107.9 86.6 129.8
152 51.0 40.4 60.6

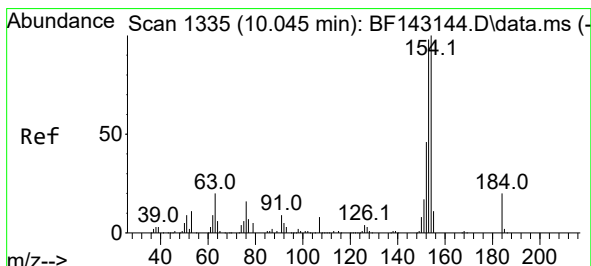
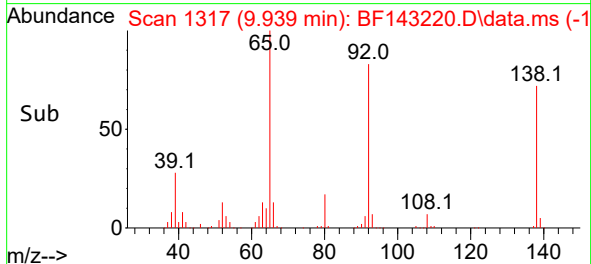
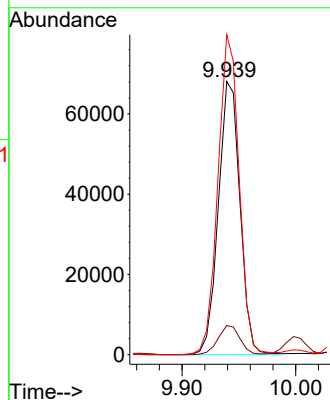
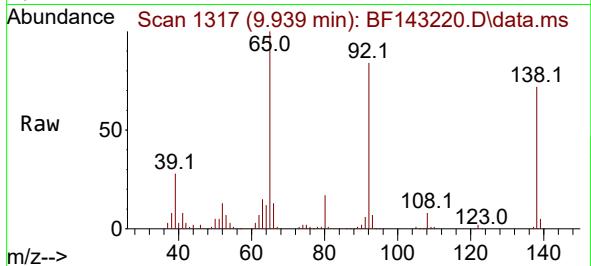




#53
3-Nitroaniline
Concen: 22.394 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

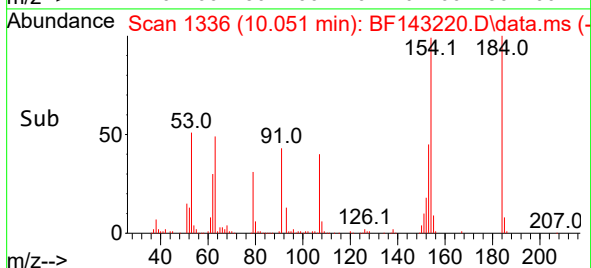
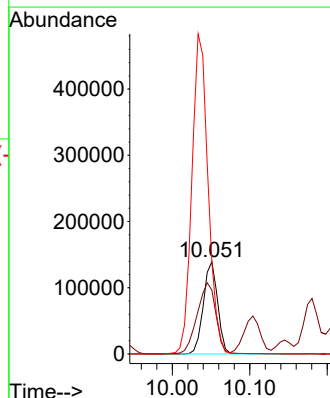
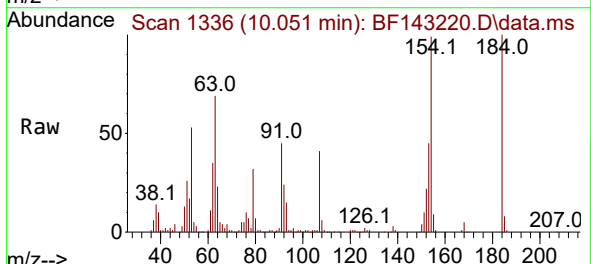
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

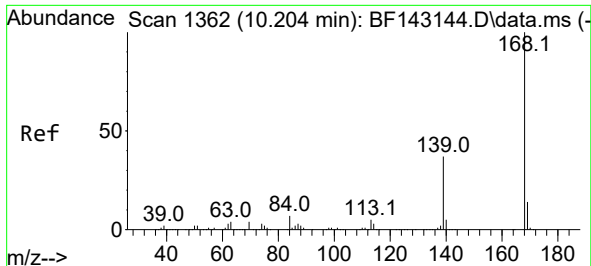
Tgt Ion:138 Resp: 90150
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 117.1 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 111.650 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:184 Resp: 178640
Ion Ratio Lower Upper
184 100
63 69.3 81.8 122.6#
154 99.5 412.2 618.4#

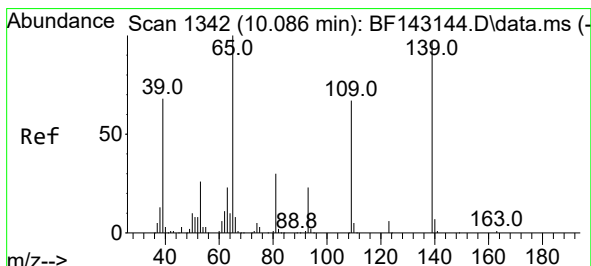
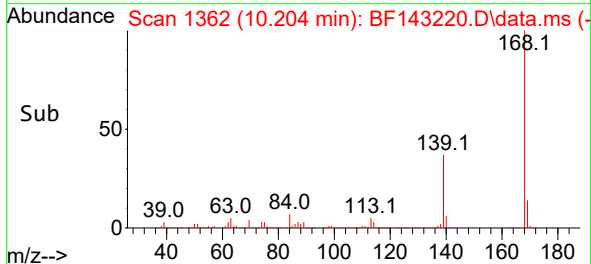
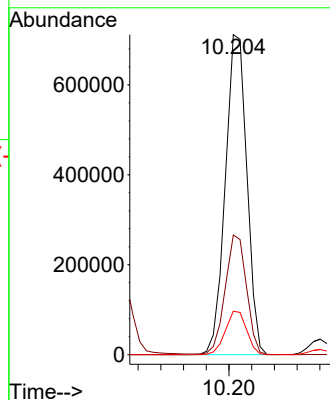
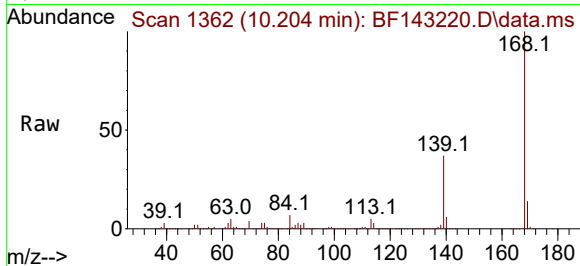




#55
Dibenzenofuran
Concen: 42.539 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

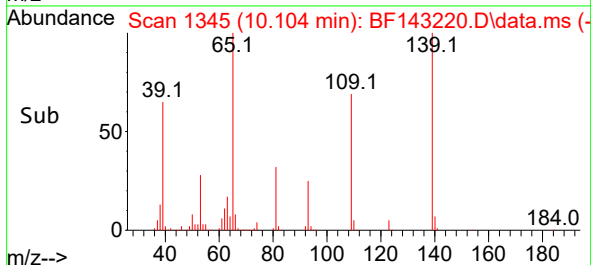
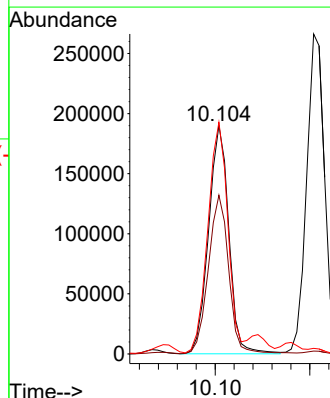
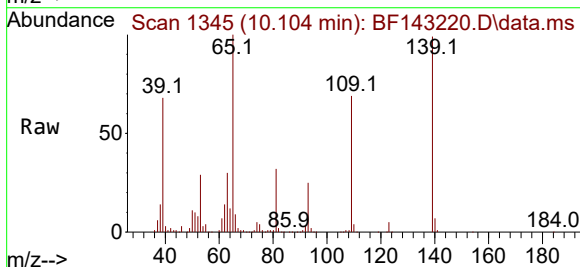
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

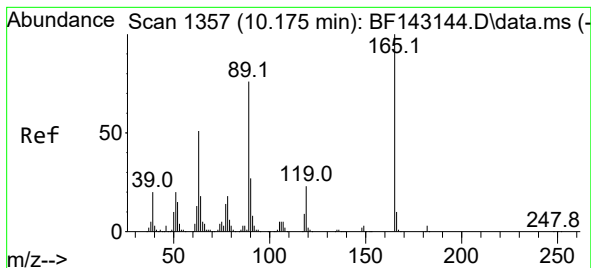
Tgt Ion:168 Resp: 937313
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 93.589 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 281333
Ion Ratio Lower Upper
139 100
109 69.4 48.5 88.5
65 101.3 83.4 123.4

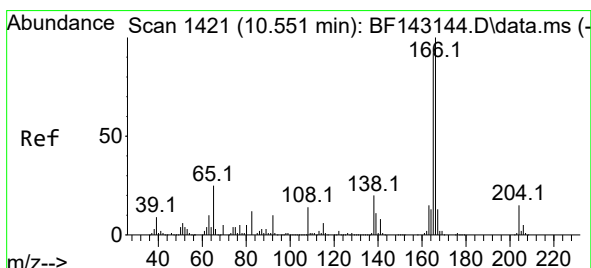
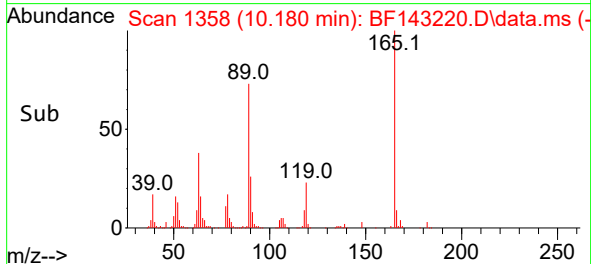
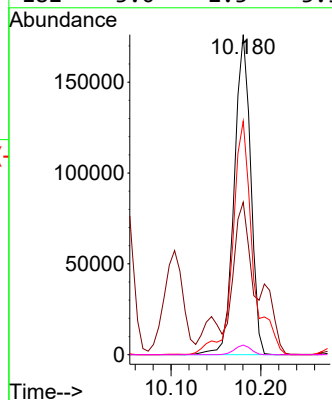
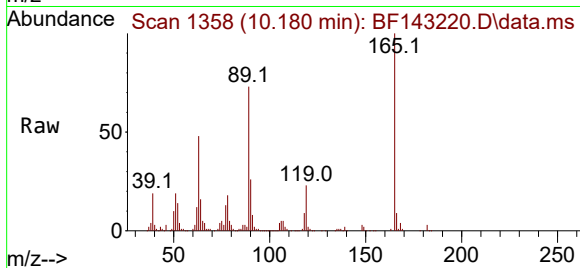




#57
2,4-Dinitrotoluene
Concen: 51.912 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

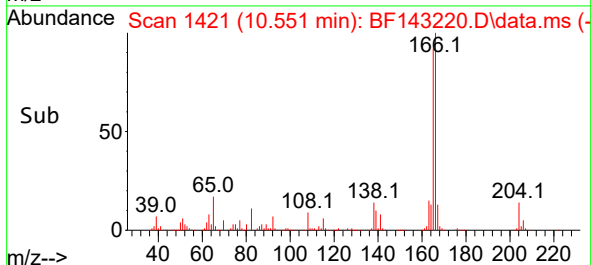
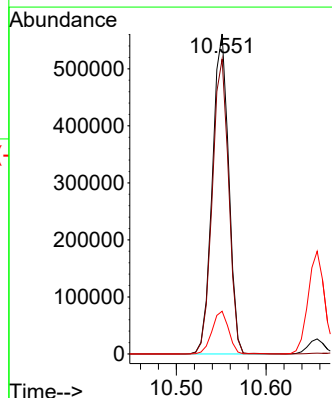
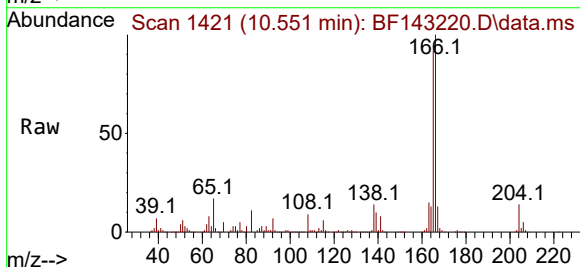
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

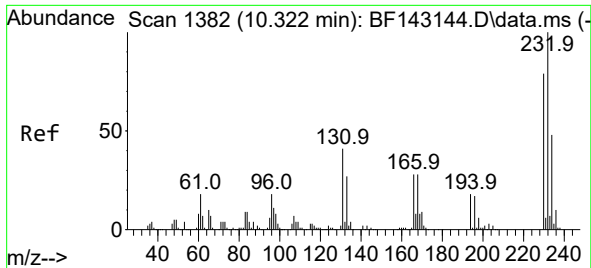
Tgt Ion:165 Resp: 224148
Ion Ratio Lower Upper
165 100
63 47.7 41.0 61.4
89 73.0 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 42.978 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:166 Resp: 710745
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.3 10.6 16.0

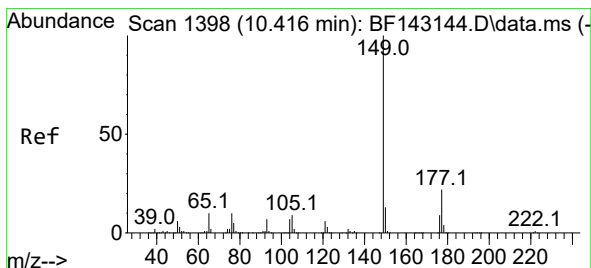
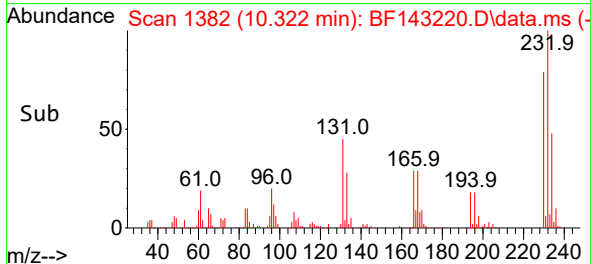
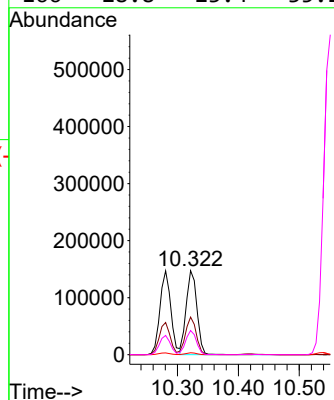
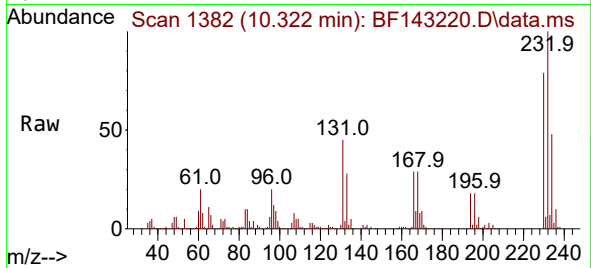




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.202 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

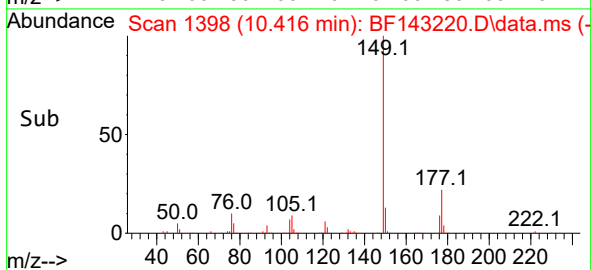
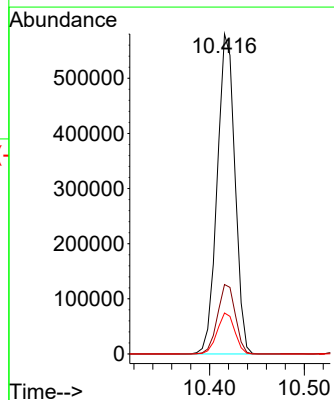
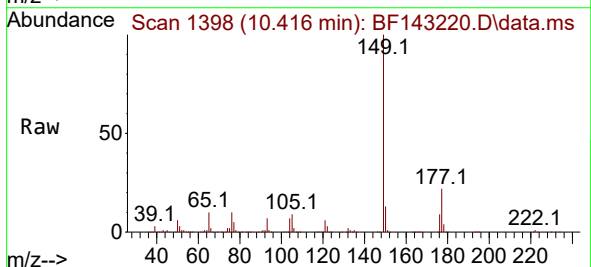
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

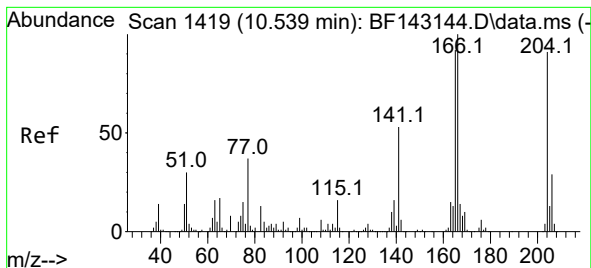
Tgt Ion:232 Resp: 181351
Ion Ratio Lower Upper
232 100
131 44.8 35.3 52.9
130 2.2 1.7 2.5
166 28.8 23.4 35.2



#60
Diethylphthalate
Concen: 45.197 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 755779
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.8 10.2 15.2

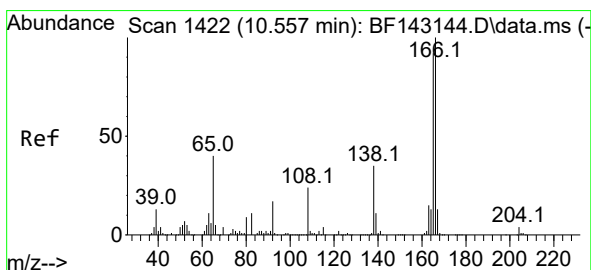
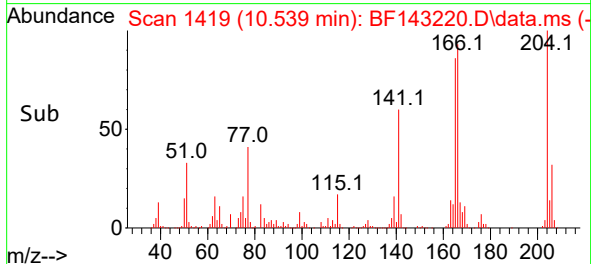
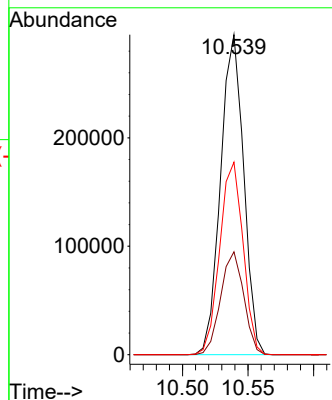
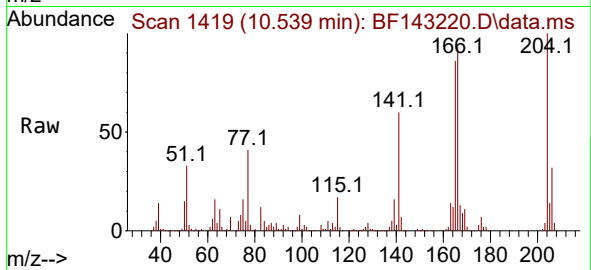




#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

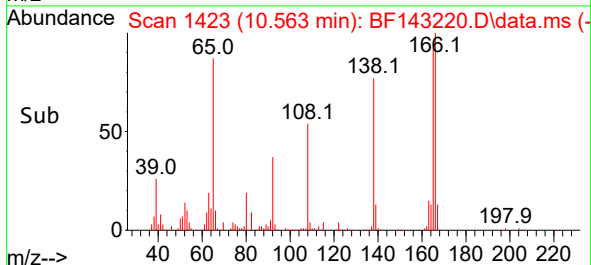
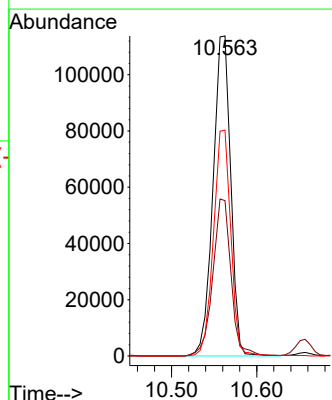
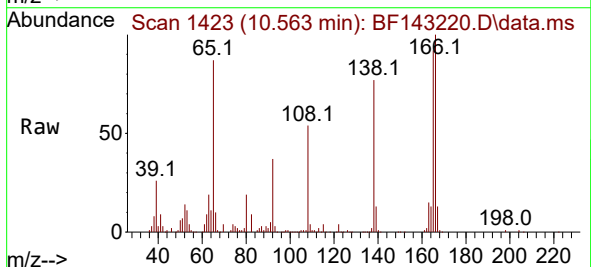
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

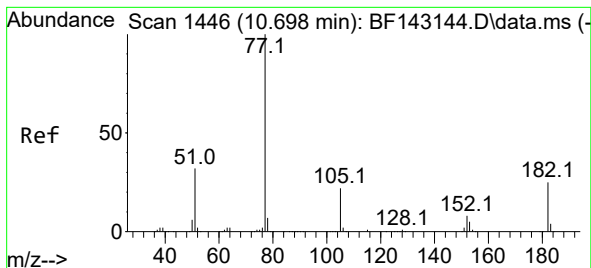
Tgt Ion:204 Resp: 361466
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 60.1 47.0 70.4



#62
4-Nitroaniline
Concen: 47.708 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:138 Resp: 164599
Ion Ratio Lower Upper
138 100
92 48.6 29.3 69.3
108 70.6 48.3 88.3

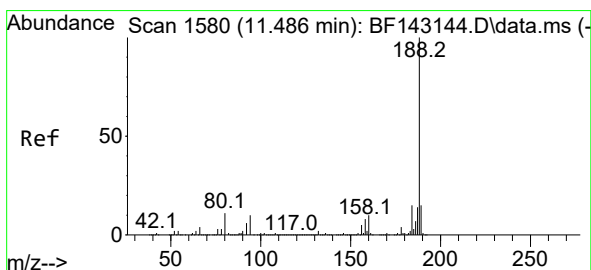
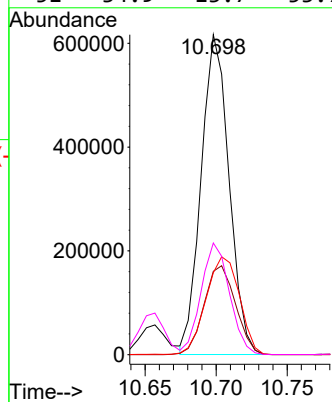
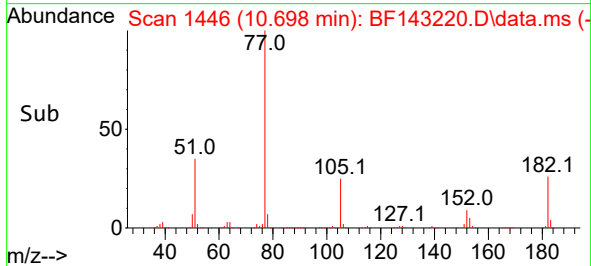
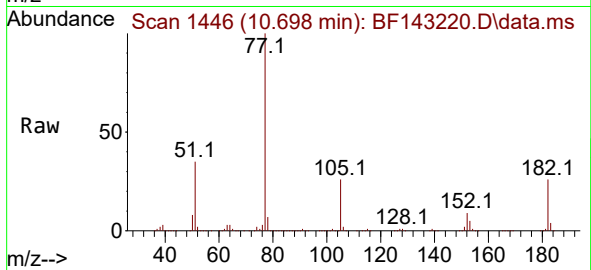




#63
Azobenzene
Concen: 48.382 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

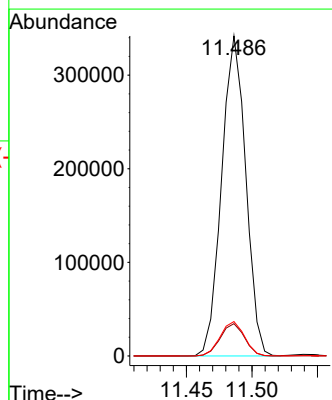
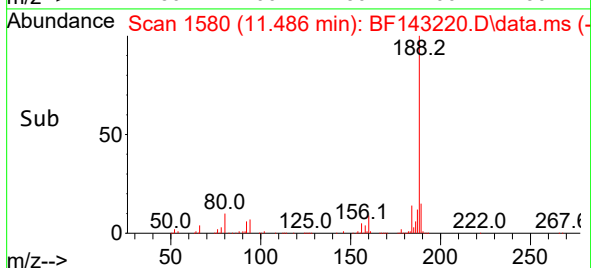
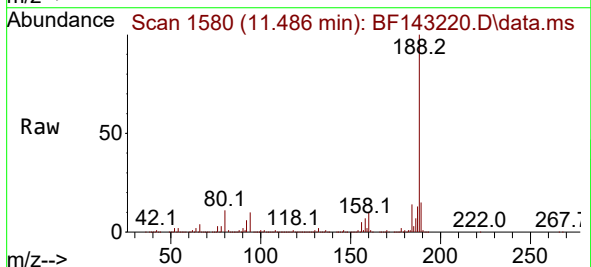
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

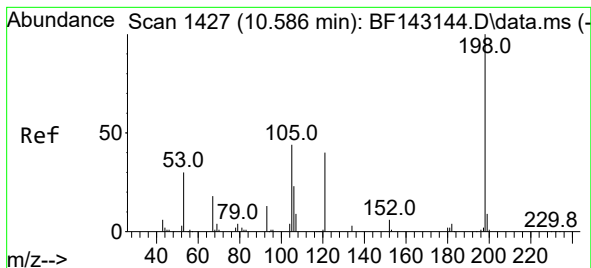
Tgt Ion: 77	Resp: 843200
Ion Ratio	Lower Upper
77 100	
182 26.1	4.6 44.6
105 25.6	1.4 41.4
51 34.9	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:188	Resp: 437619
Ion Ratio	Lower Upper
188 100	
94 10.1	8.3 12.5
80 10.7	9.0 13.6

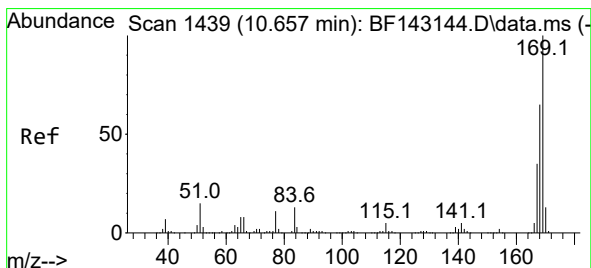
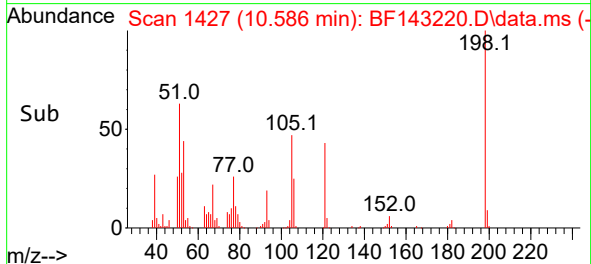
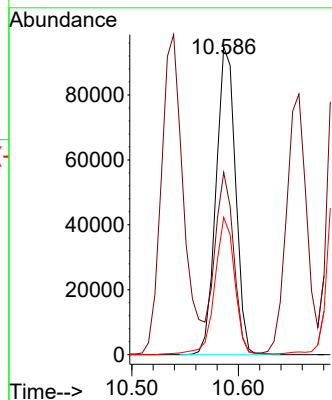
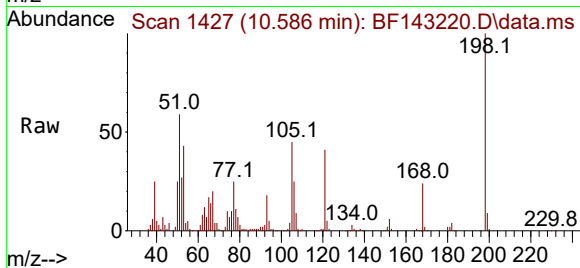




#65
4,6-Dinitro-2-methylphenol
Concen: 51.779 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

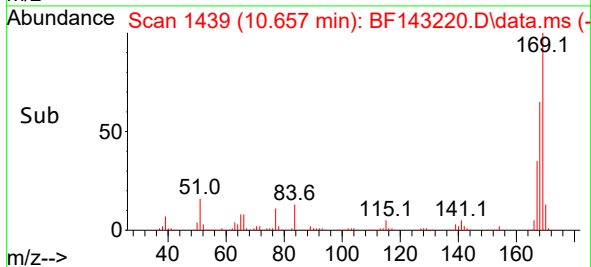
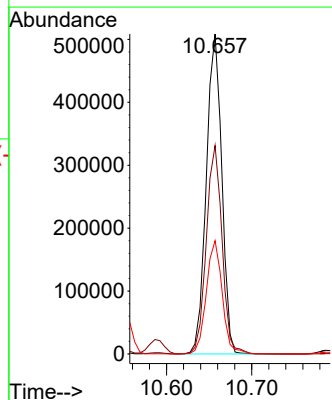
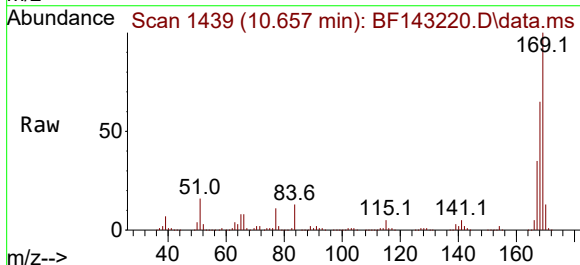
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

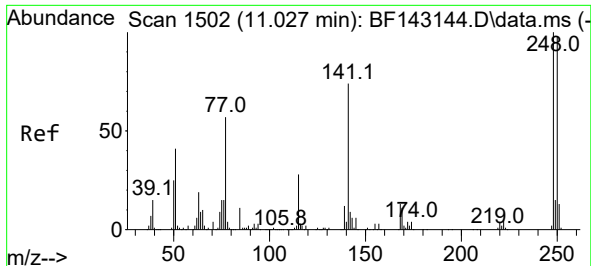
Tgt Ion:198 Resp: 119890
Ion Ratio Lower Upper
198 100
51 59.2 37.2 77.2
105 44.6 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.586 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:169 Resp: 640835
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.4 28.2 42.2

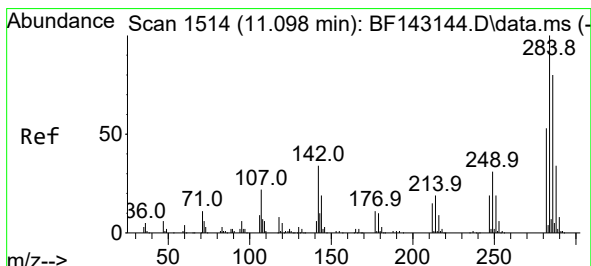
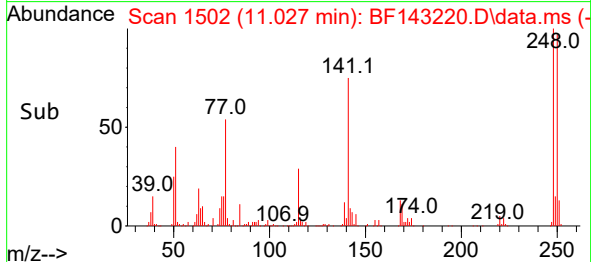
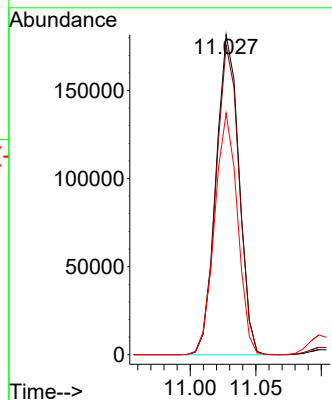
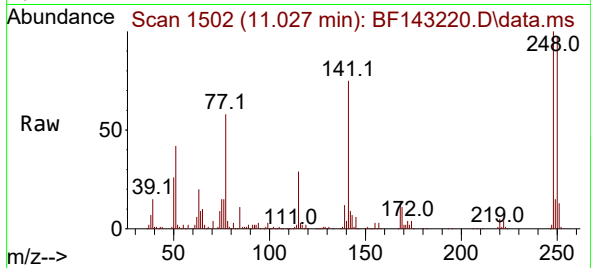




#67
4-Bromophenyl-phenylether
Concen: 42.561 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

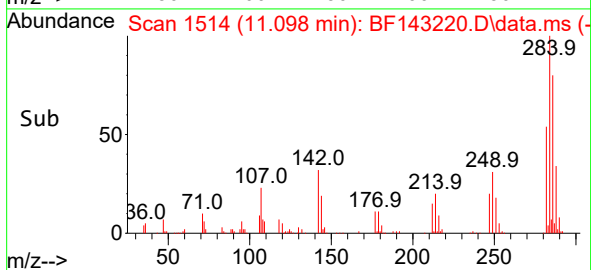
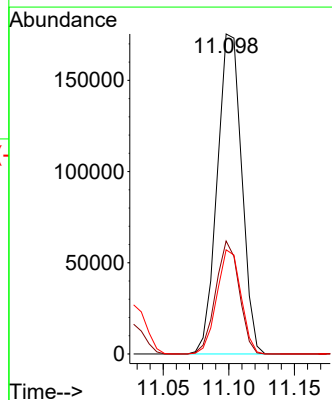
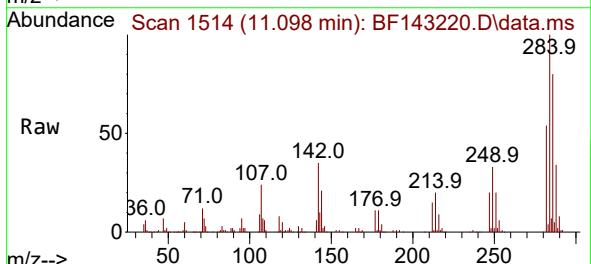
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

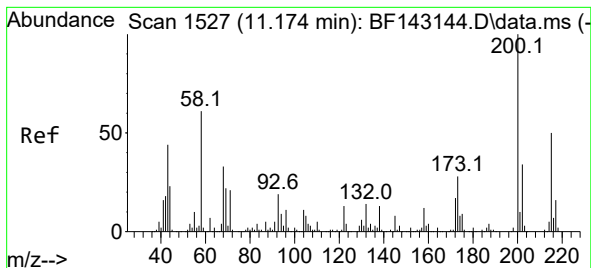
Tgt Ion:248 Resp: 221964
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 75.4 59.2 88.8



#68
Hexachlorobenzene
Concen: 41.737 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:284 Resp: 227510
Ion Ratio Lower Upper
284 100
142 35.3 27.0 40.6
249 32.5 25.0 37.6





#69

Atrazine

Concen: 47.514 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

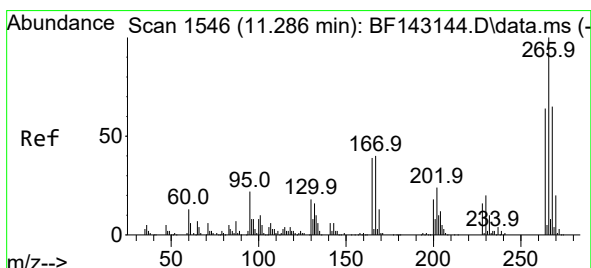
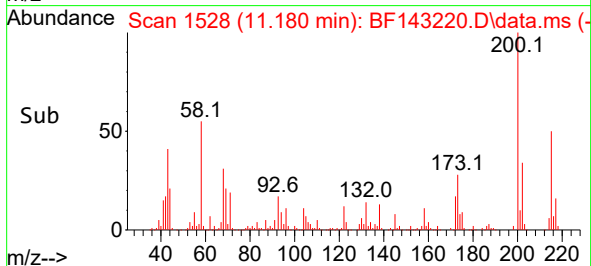
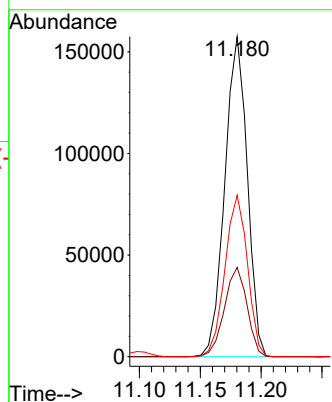
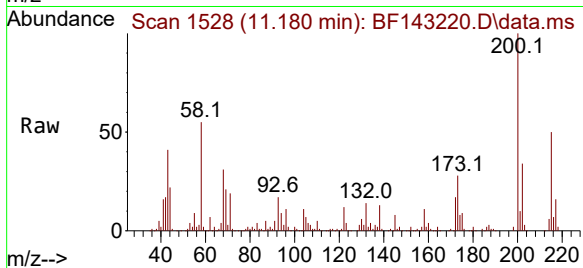
Tgt Ion:200 Resp: 201855

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

215 50.5 30.1 70.1



#70

Pentachlorophenol

Concen: 64.749 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

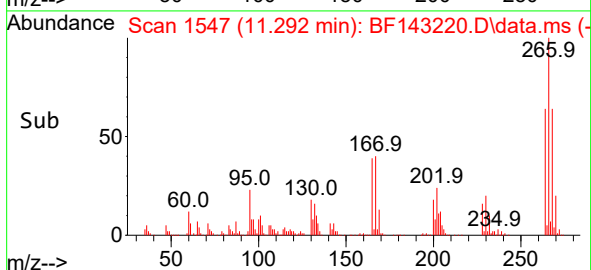
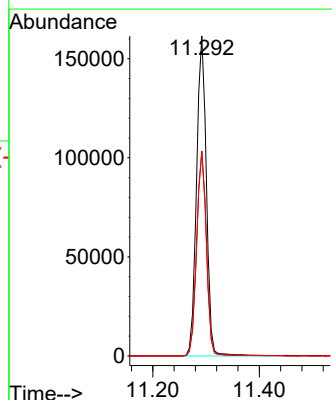
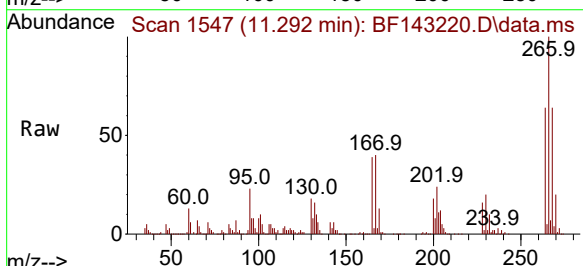
Tgt Ion:266 Resp: 207564

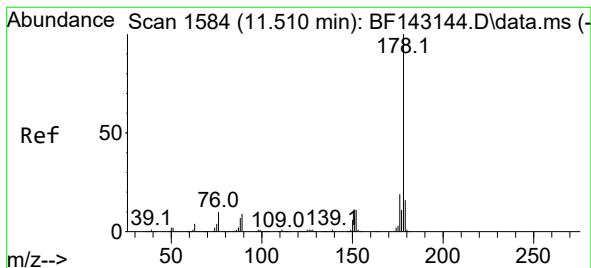
Ion Ratio Lower Upper

266 100

268 64.0 51.9 77.9

264 63.9 51.0 76.6





#71

Phenanthrene

Concen: 42.148 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

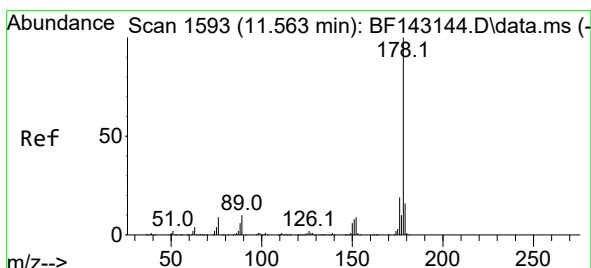
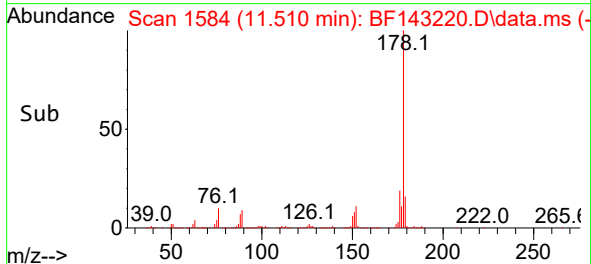
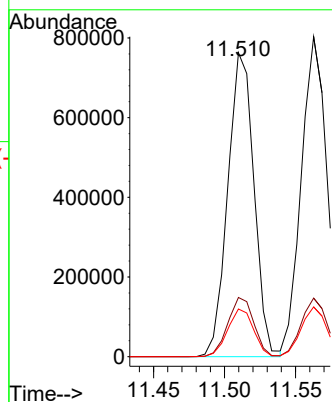
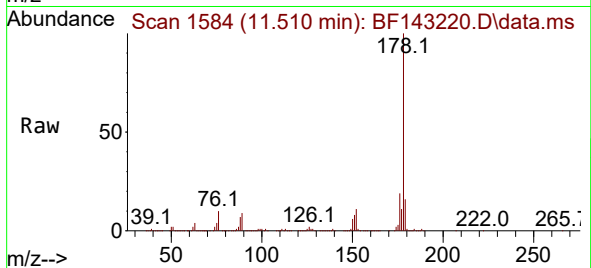
Tgt Ion:178 Resp: 979358

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 42.442 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

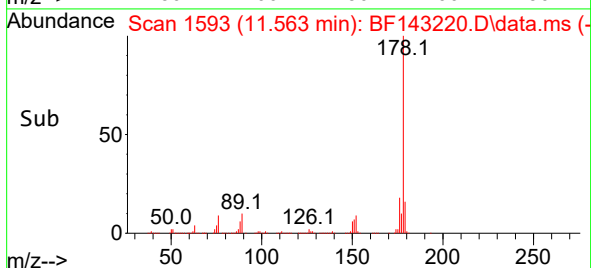
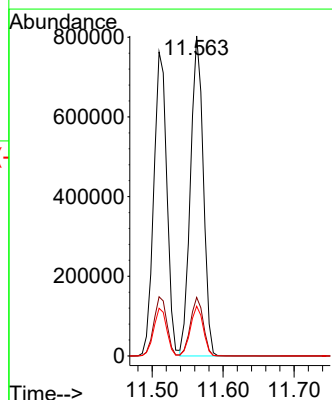
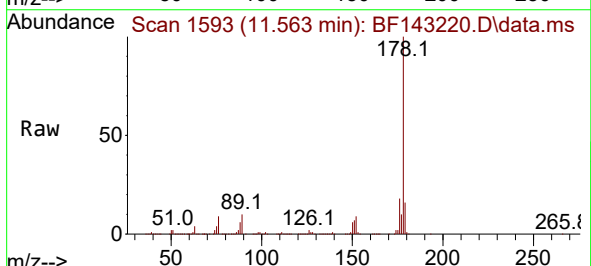
Tgt Ion:178 Resp: 1005804

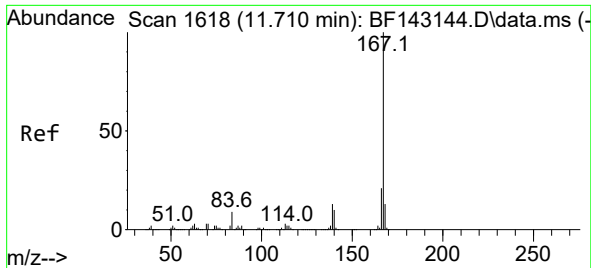
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.6 12.5 18.7

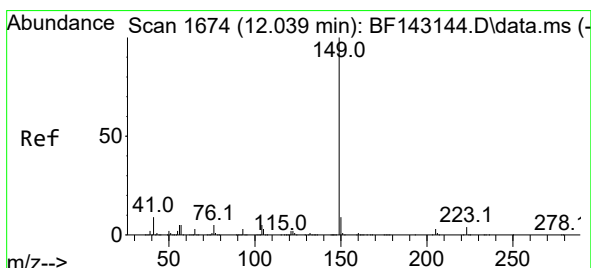
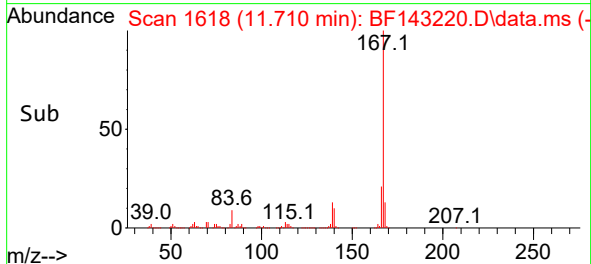
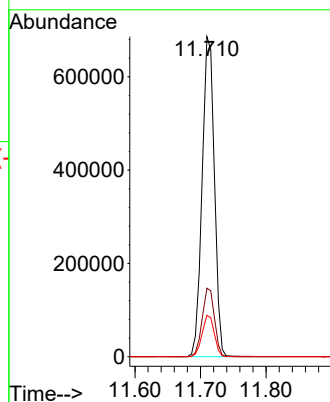
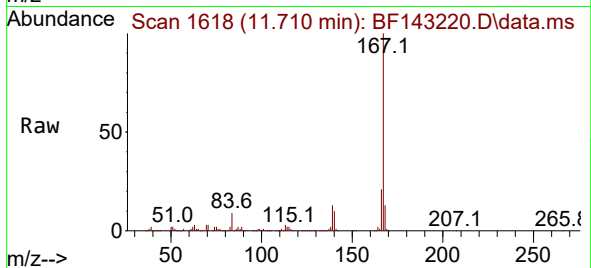




#73
 Carbazole
 Concen: 43.359 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

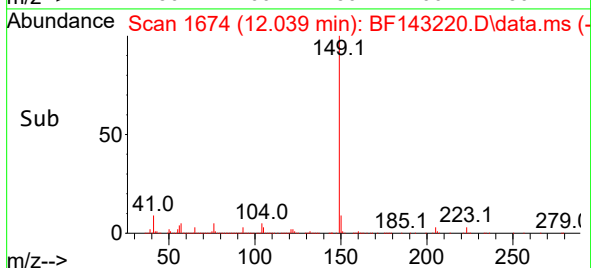
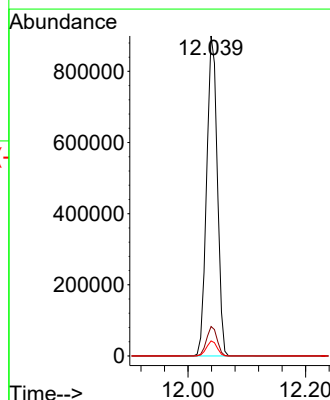
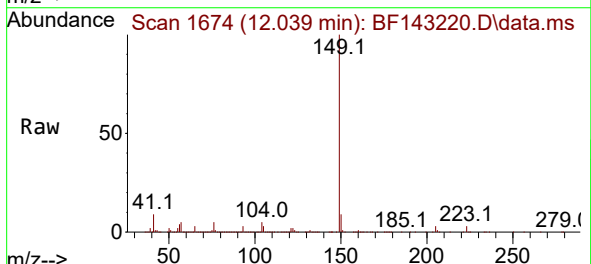
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

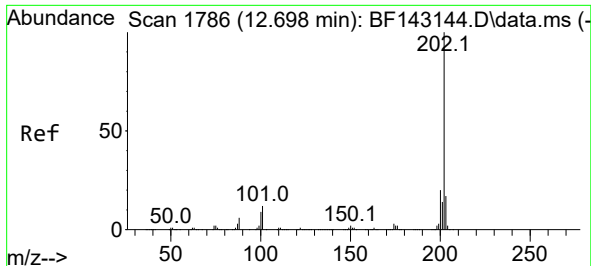
Tgt Ion:167 Resp: 897233
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 48.165 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 1127752
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.8 5.8

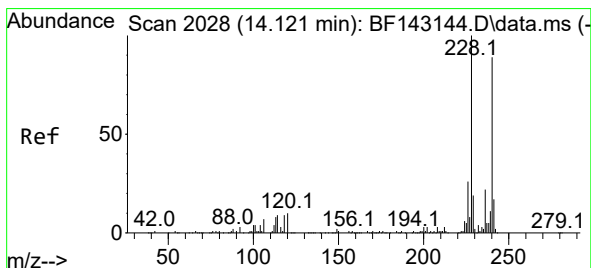
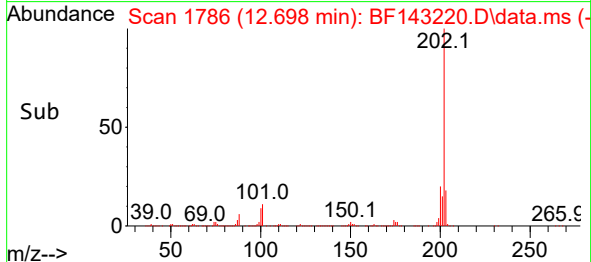
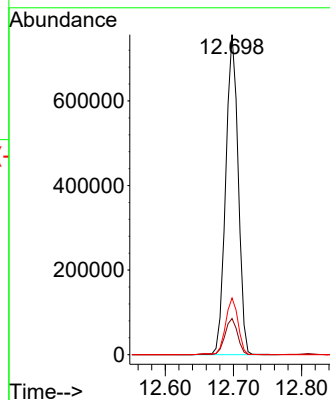
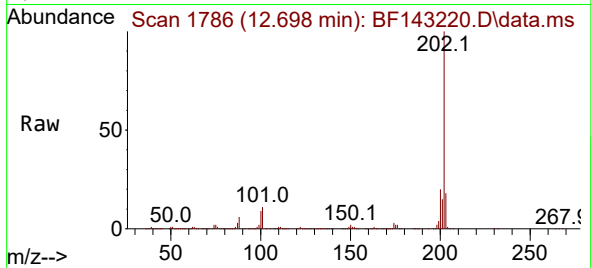




#75
Fluoranthene
Concen: 45.156 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

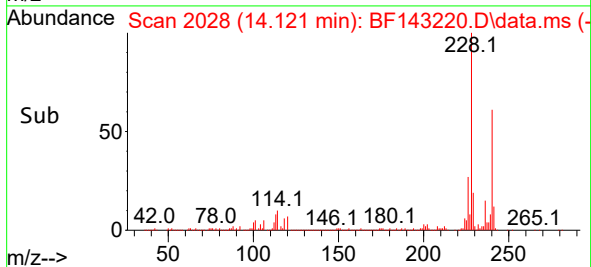
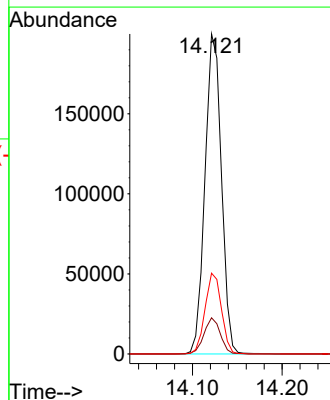
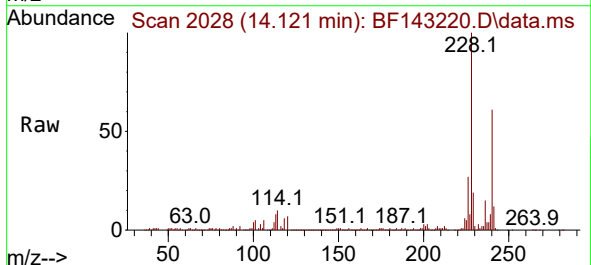
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

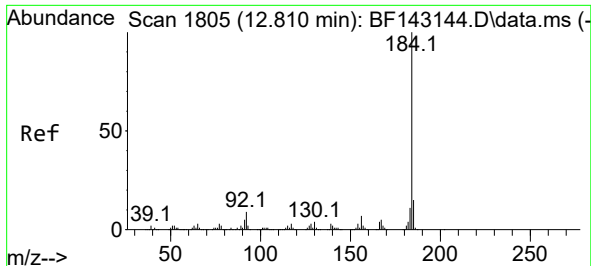
Tgt Ion:202 Resp: 963087
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.7
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:240 Resp: 254287
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.2 20.2 30.4

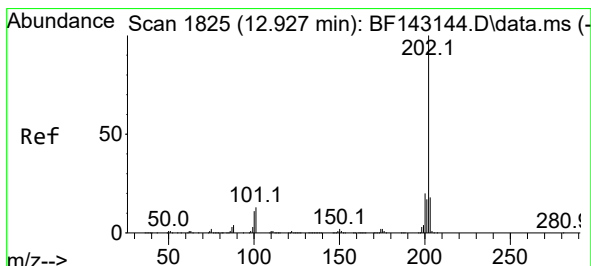
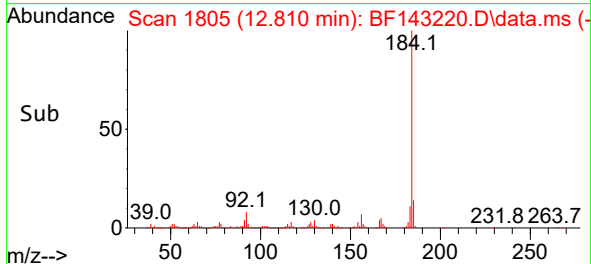
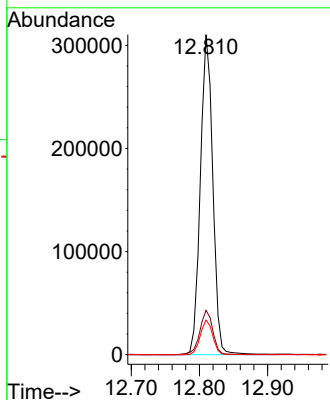
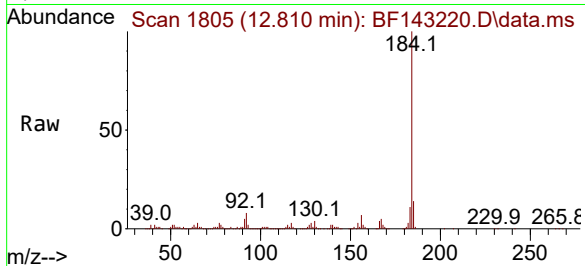




#77
Benzidine
Concen: 40.172 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

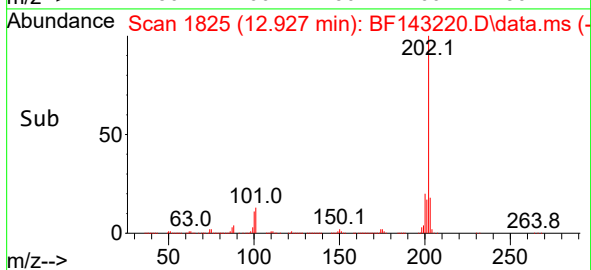
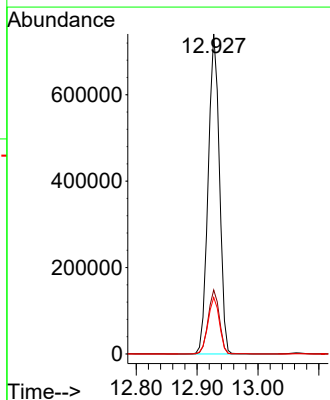
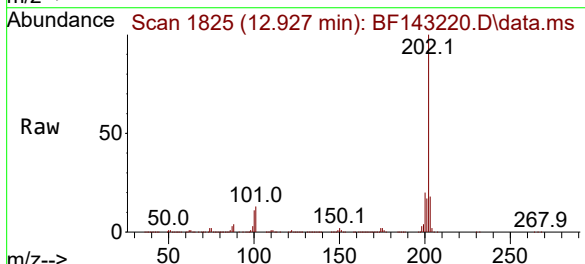
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

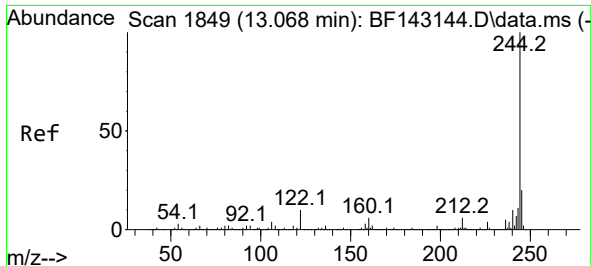
Tgt Ion:184 Resp: 393562
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 43.758 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:202 Resp: 949631
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.7 14.2 21.2

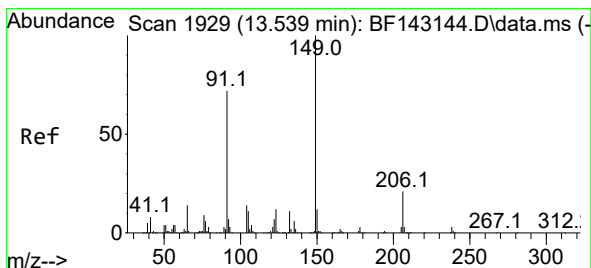
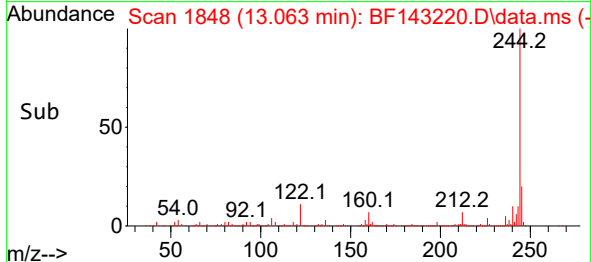
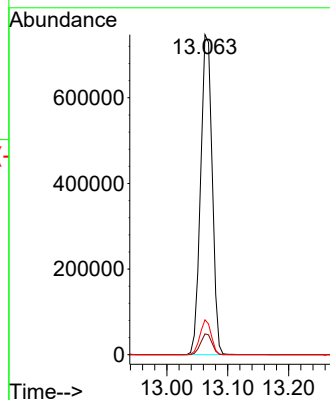
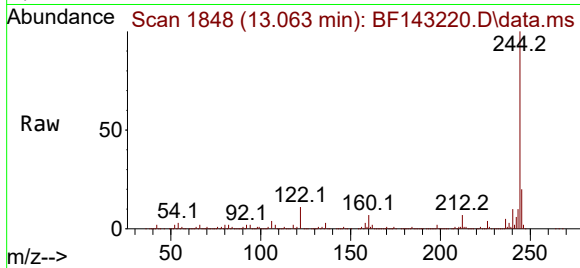




#79
 Terphenyl-d14
 Concen: 57.837 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

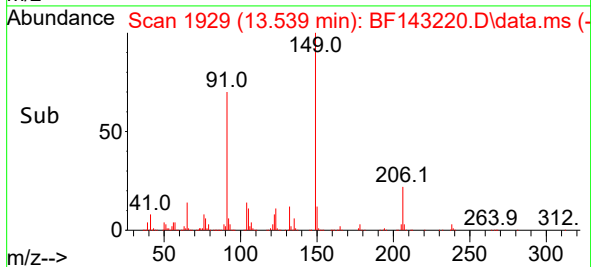
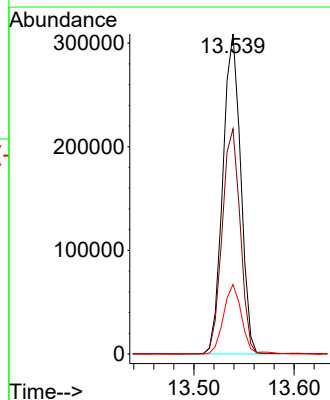
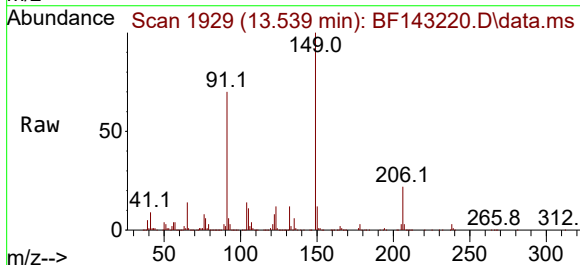
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

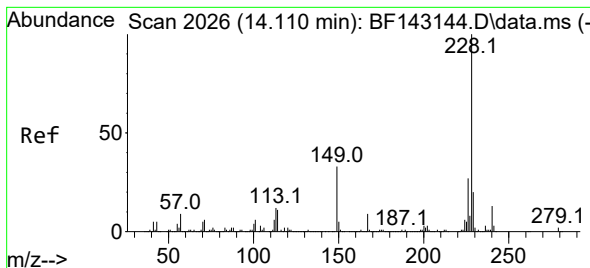
Tgt Ion:244 Resp: 988316
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 57.335 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 381019
 Ion Ratio Lower Upper
 149 100
 91 70.4 57.9 86.9
 206 21.7 17.0 25.4





#81

Benzo(a)anthracene

Concen: 45.266 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

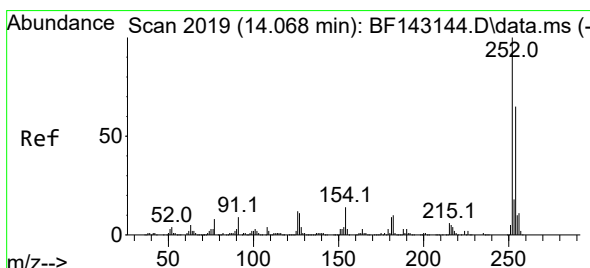
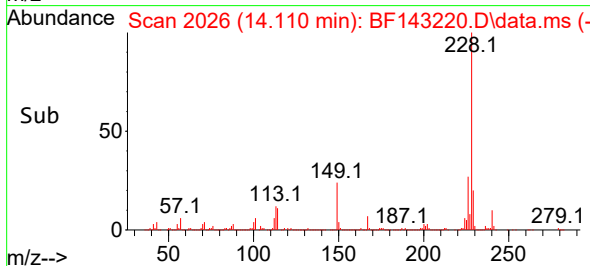
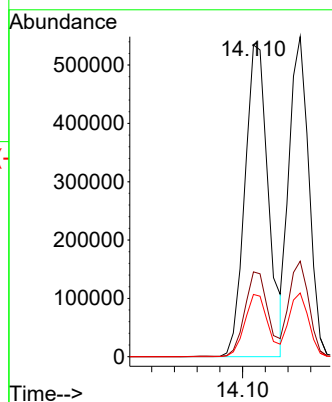
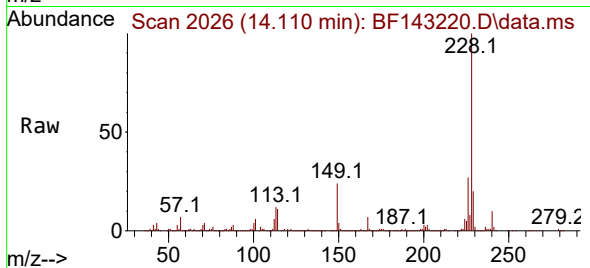
Tgt Ion:228 Resp: 770634

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 15.057 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

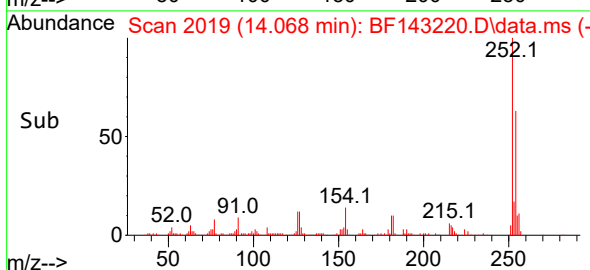
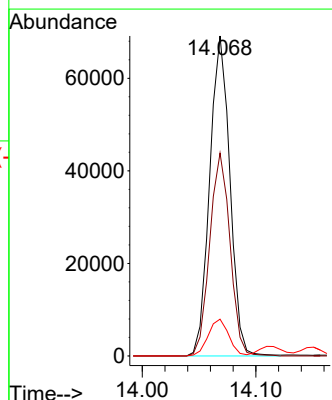
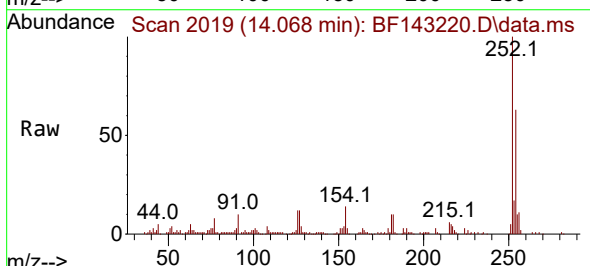
Tgt Ion:252 Resp: 85433

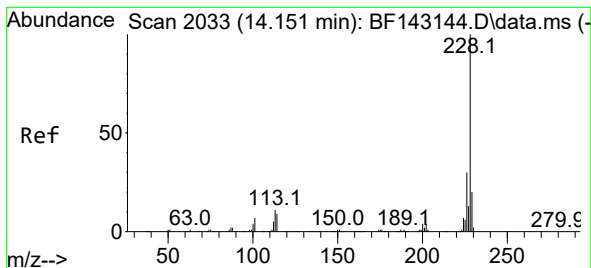
Ion Ratio Lower Upper

252 100

254 63.4 51.7 77.5

126 11.5 9.4 14.0





#83

Chrysene

Concen: 43.184 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

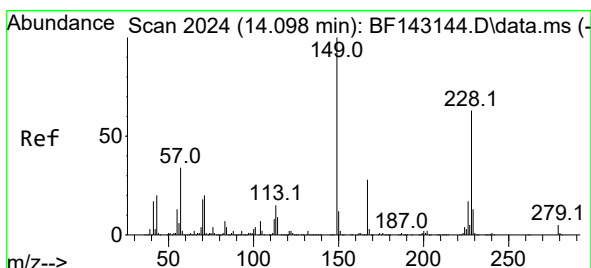
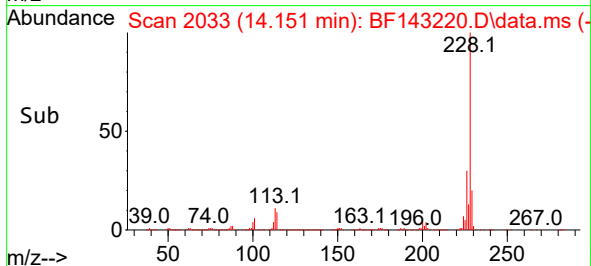
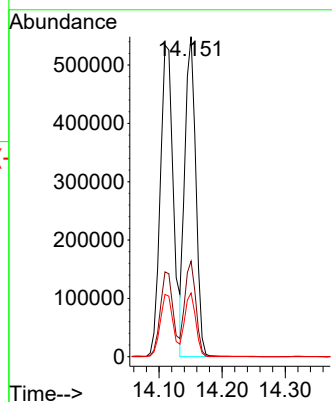
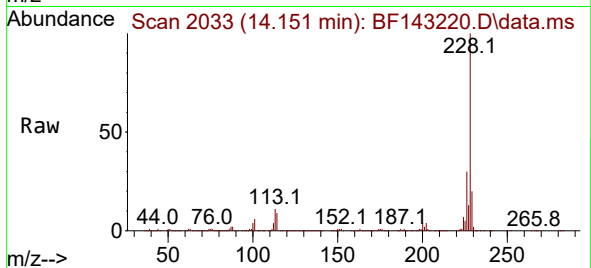
Tgt Ion:228 Resp: 661006

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.487 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

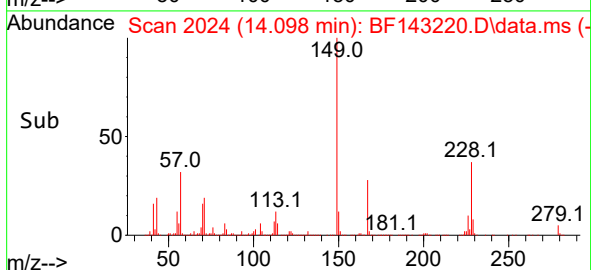
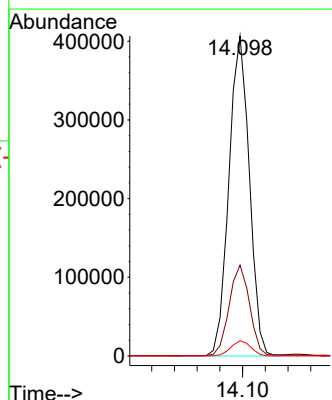
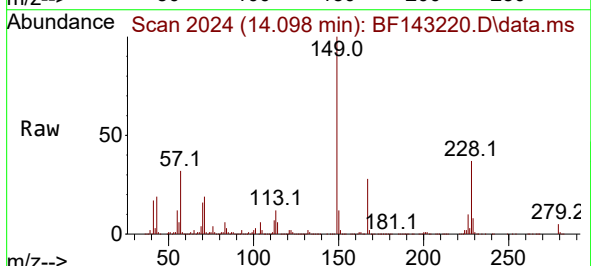
Tgt Ion:149 Resp: 507821

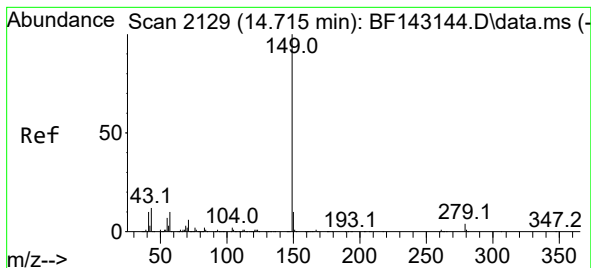
Ion Ratio Lower Upper

149 100

167 28.4 22.3 33.5

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.375 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

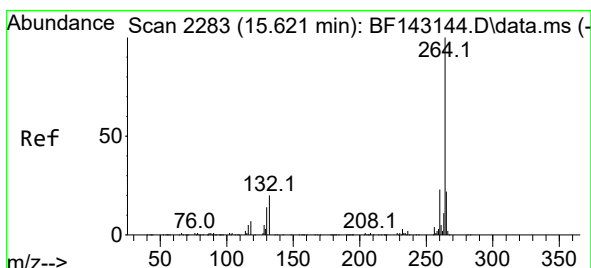
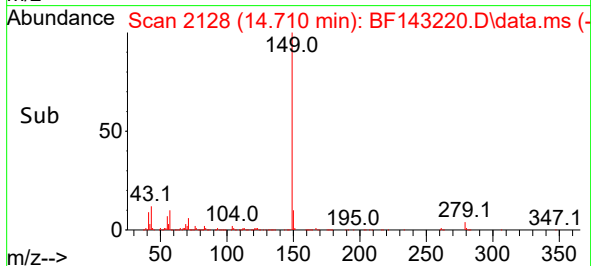
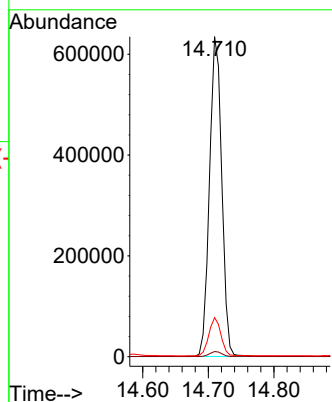
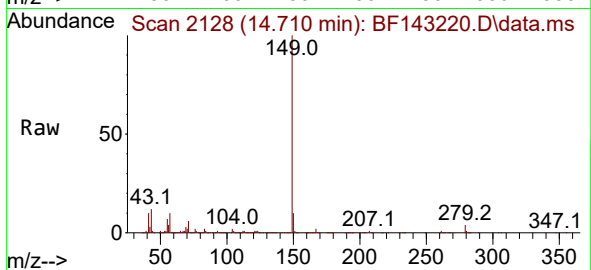
Tgt Ion:149 Resp: 827288

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.9 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

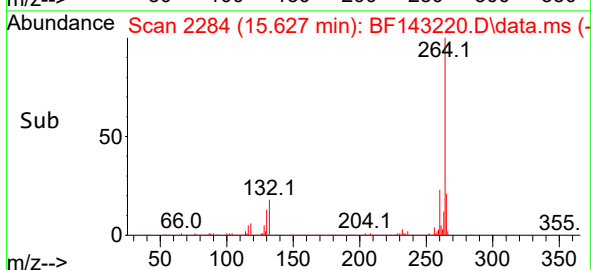
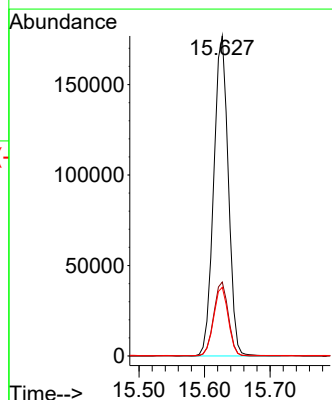
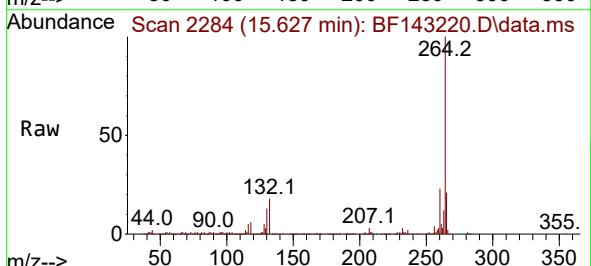
Tgt Ion:264 Resp: 273112

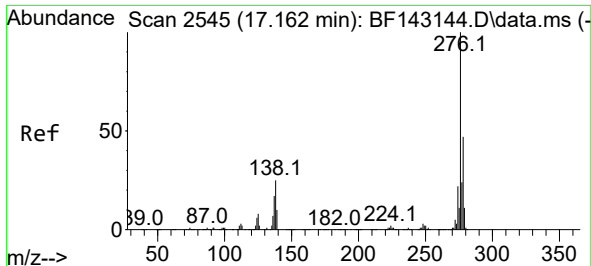
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.5 17.4 26.2

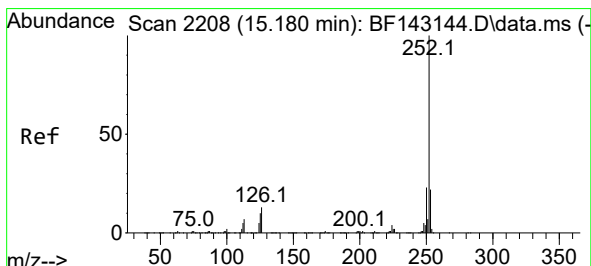
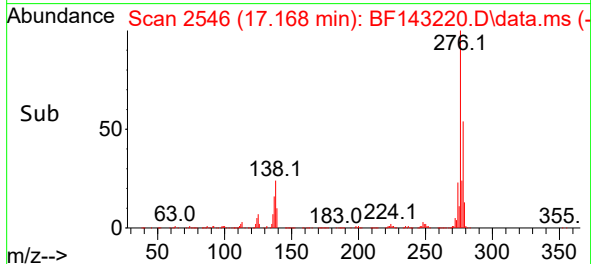
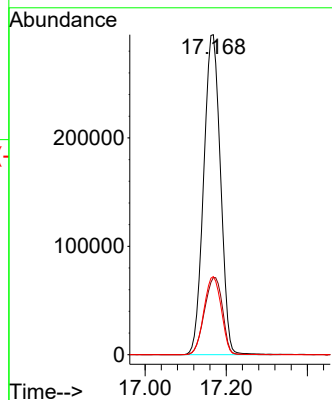
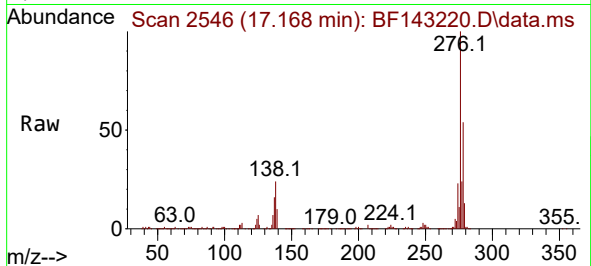




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.993 ng
 RT: 17.168 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

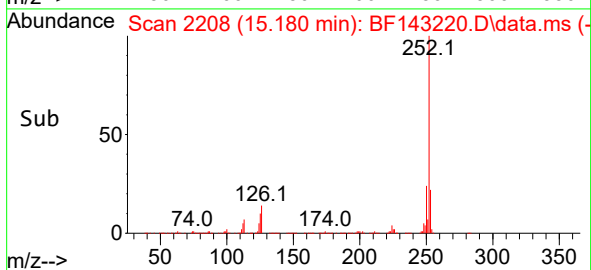
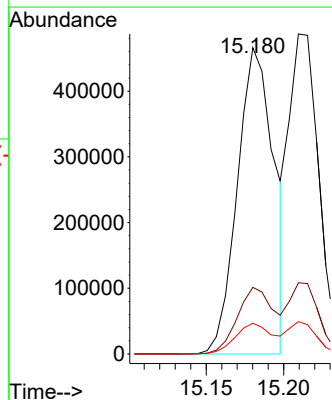
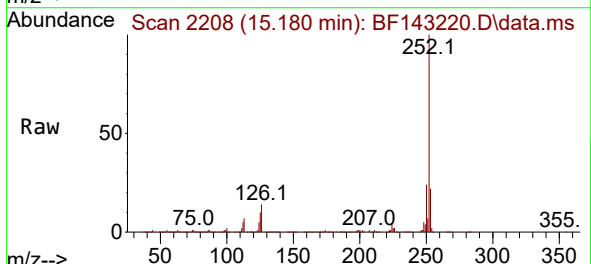
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

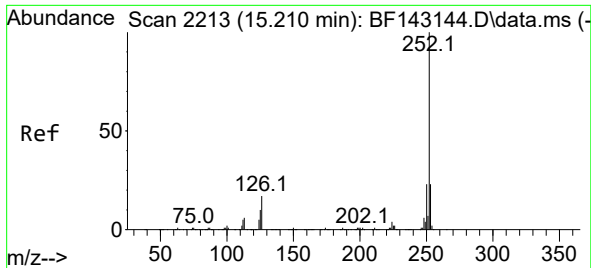
Tgt Ion:276 Resp: 847227
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.8 32.6
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 45.853 ng
 RT: 15.180 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 765048
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.0 8.0 12.0

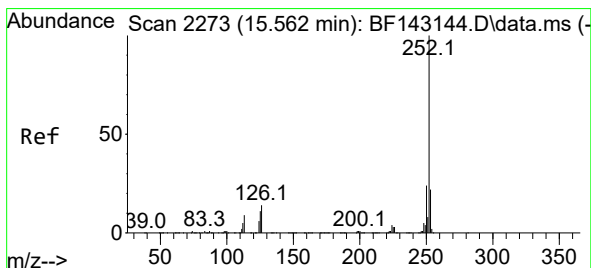
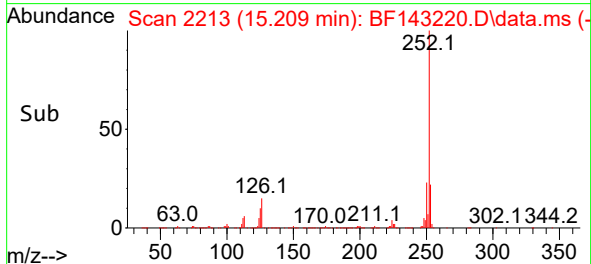
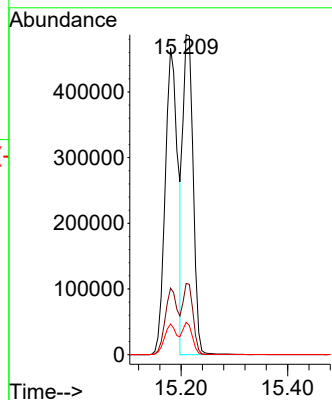
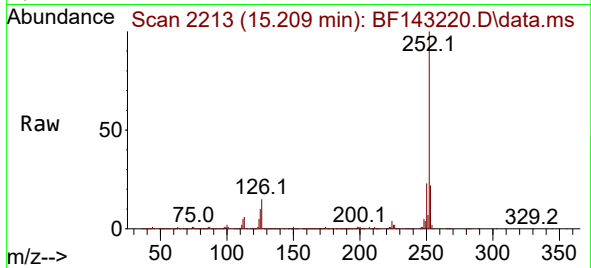




#89
Benzo(k)fluoranthene
Concen: 43.598 ng
RT: 15.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

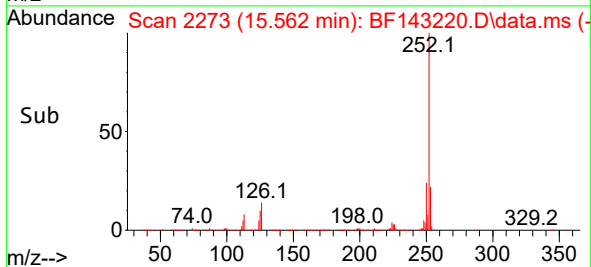
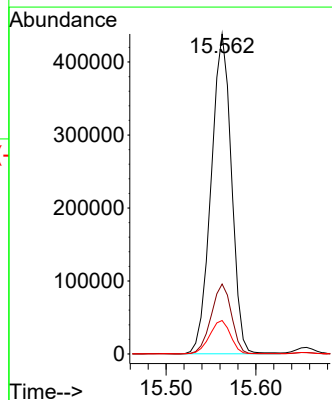
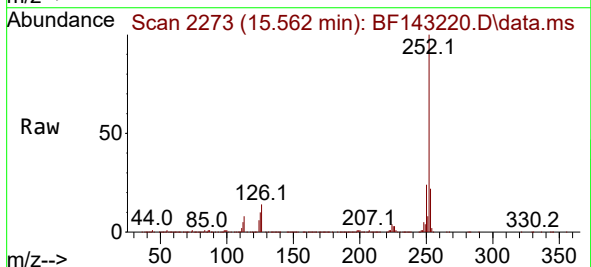
Instrument :
BNA_F
ClientSampleId :
WC-3MSD

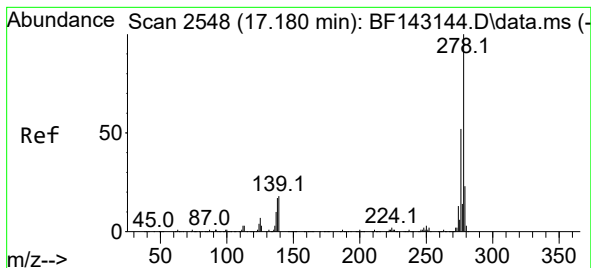
Tgt Ion:252 Resp: 649115
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 44.834 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 689200
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.623 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

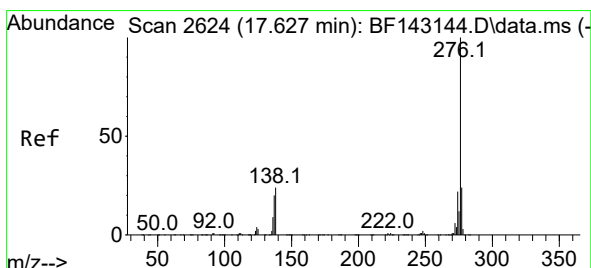
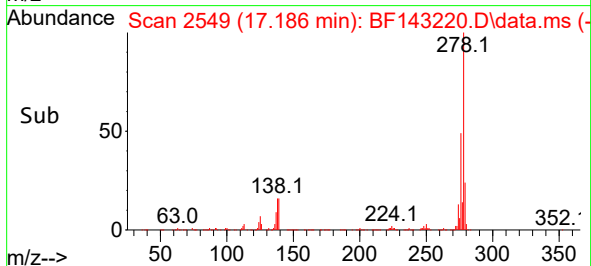
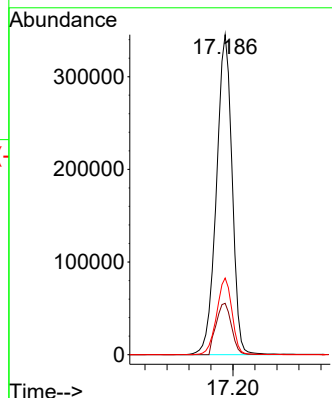
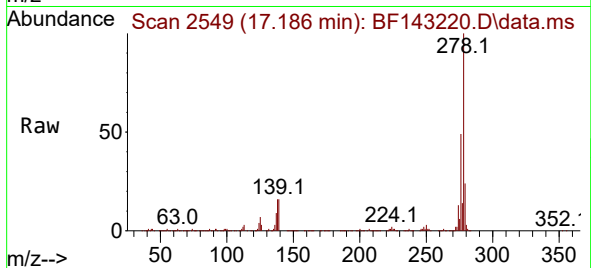
Tgt Ion:278 Resp: 683787

Ion Ratio Lower Upper

278 100

139 16.1 14.1 21.1

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 45.080 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:276 Resp: 683531

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 22.8 18.9 28.3

