

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143014.D
 Acq On : 07 Jul 2025 17:50
 Operator : RC/JU
 Sample : Q2478-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Jul 07 18:15:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66005	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	248256	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	125034	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	185988	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133052	20.000	ng	0.00
86) Perylene-d12	15.545	264	132424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	439824	110.942	ng	0.02
7) Phenol-d6	6.516	99	490948	104.965	ng	0.00
23) Nitrobenzene-d5	7.440	82	347943	76.876	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	154205	119.847	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	752059	79.015	ng	-0.01
79) Terphenyl-d14	12.992	244	639112	66.370	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	50019	31.544	ng	# 82
3) Pyridine	3.540	79	135993	34.210	ng	98
4) n-Nitrosodimethylamine	3.475	42	77515	37.708	ng	99
6) Aniline	6.540	93	88030	14.145	ng	# 52
8) 2-Chlorophenol	6.663	128	170145	39.786	ng	99
9) Benzaldehyde	6.428	77	67697	24.396	ng	99
10) Phenol	6.528	94	177804	34.199	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	148669	40.009	ng	97
12) 1,3-Dichlorobenzene	6.816	146	183643	38.397	ng	99
13) 1,4-Dichlorobenzene	6.893	146	183601	38.049	ng	99
14) 1,2-Dichlorobenzene	7.045	146	174390	38.102	ng	98
15) Benzyl Alcohol	7.022	79	141861	41.954	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	224438	37.594	ng	68
17) 2-Methylphenol	7.134	107	129474	39.951	ng	97
18) Hexachloroethane	7.387	117	63363	37.542	ng	94
19) n-Nitroso-di-n-propyla...	7.287	70	115731	42.543	ng	98
20) 3+4-Methylphenols	7.287	107	166728	41.262	ng	# 88
22) Acetophenone	7.287	105	234427	42.822	ng	99
24) Nitrobenzene	7.463	77	167596	40.912	ng	96
25) Isophorone	7.698	82	307394	42.338	ng	100
26) 2-Nitrophenol	7.775	139	94974	42.560	ng	100
27) 2,4-Dimethylphenol	7.816	122	153596	39.736	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	199380	43.195	ng	99
29) 2,4-Dichlorophenol	8.022	162	147859	42.187	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155672	40.393	ng	100
31) Naphthalene	8.181	128	497068	40.905	ng	99
32) Benzoic acid	7.928	122	49604	25.178	ng	97
33) 4-Chloroaniline	8.234	127	42602	8.622	ng	97
34) Hexachlorobutadiene	8.292	225	97646	41.421	ng	100
35) Caprolactam	8.604	113	38990	42.158	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	145313	41.718	ng	98
37) 2-Methylnaphthalene	8.875	142	314708	41.774	ng	99
38) 1-Methylnaphthalene	8.975	142	323591	41.493	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	162957	44.170	ng	99
41) Hexachlorocyclopentadiene	9.022	237	67727	32.349	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	102875	42.792	ng	100

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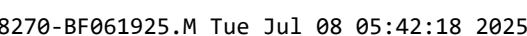
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	106934	42.255	ng	99
46) 1,1'-Biphenyl	9.339	154	433517	43.892	ng	100
47) 2-Chloronaphthalene	9.363	162	315058	42.507	ng	100
48) 2-Nitroaniline	9.463	65	91725	44.141	ng	95
49) Acenaphthylene	9.781	152	524028	42.947	ng	100
50) Dimethylphthalate	9.639	163	385105	47.582	ng	100
51) 2,6-Dinitrotoluene	9.704	165	80732	45.421	ng	98
52) Acenaphthene	9.951	154	328841m	44.172	ng	
53) 3-Nitroaniline	9.875	138	38740	19.796	ng	98
54) 2,4-Dinitrophenol	9.986	184	47320	53.170	ng	99
55) Dibenzofuran	10.122	168	451375	42.282	ng	100
56) 4-Nitrophenol	10.045	139	85879	64.102	ng	99
57) 2,4-Dinitrotoluene	10.110	165	103549	43.859	ng	93
58) Fluorene	10.469	166	355154	42.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86221	42.267	ng	94
60) Diethylphthalate	10.333	149	382127	48.154	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	172481	43.354	ng	99
62) 4-Nitroaniline	10.486	138	69742	38.967	ng	99
63) Azobenzene	10.616	77	301114	42.455	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	36217	32.193	ng	98
66) n-Nitrosodiphenylamine	10.575	169	309585	48.028	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	102968	48.645	ng	95
68) Hexachlorobenzene	11.016	284	108050	45.939	ng	99
69) Atrazine	11.104	200	95502	57.375	ng	100
70) Pentachlorophenol	11.216	266	90582	77.287	ng	99
71) Phenanthrene	11.433	178	446270	44.295	ng	100
72) Anthracene	11.486	178	458998	44.422	ng	100
73) Carbazole	11.639	167	408403	45.802	ng	99
74) Di-n-butylphthalate	11.963	149	537229	57.835	ng	100
75) Fluoranthene	12.622	202	431030	45.079	ng	100
77) Benzidine	12.745	184	94678	18.940	ng	98
78) Pyrene	12.851	202	432870	34.709	ng	100
80) Butylbenzylphthalate	13.463	149	187586	51.853	ng	99
81) Benzo(a)anthracene	14.045	228	398475	44.394	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	72213	24.804	ng	97
83) Chrysene	14.080	228	360135	44.965	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	268950	51.672	ng	100
85) Di-n-octyl phthalate	14.639	149	453357	46.192	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	310021	30.736	ng	98
88) Benzo(b)fluoranthene	15.110	252	413841	54.008	ng	100
89) Benzo(k)fluoranthene	15.139	252	324007	45.196	ng	100
90) Benzo(a)pyrene	15.486	252	341043	46.070	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	258728	31.569	ng	98
92) Benzo(g,h,i)perylene	17.527	276	232785	28.485	ng	97

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

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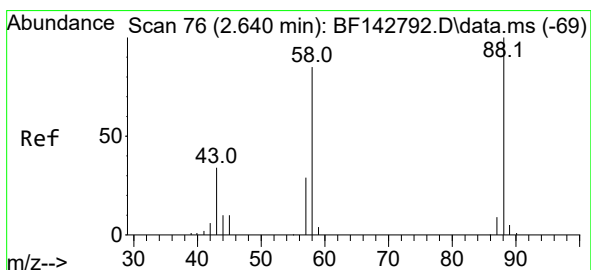
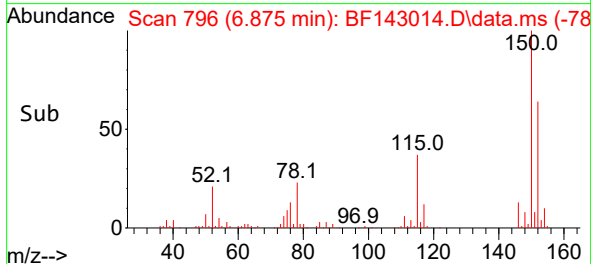
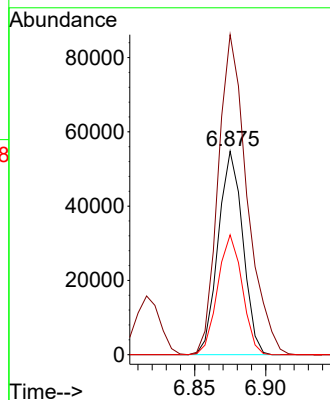
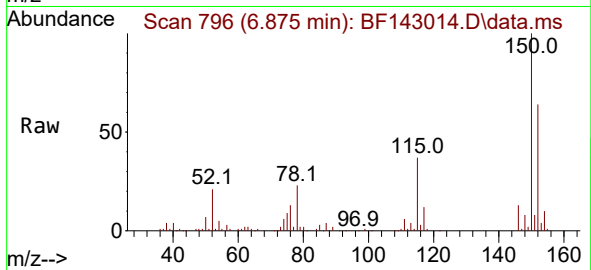




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

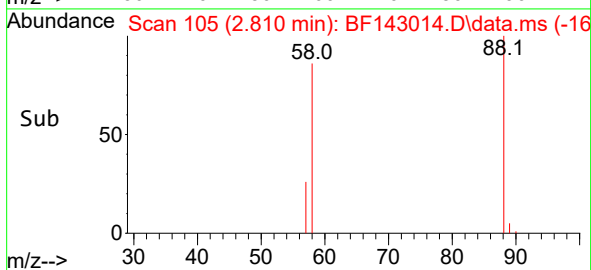
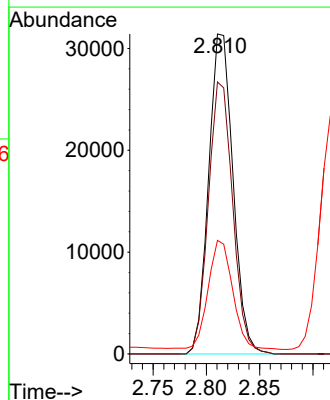
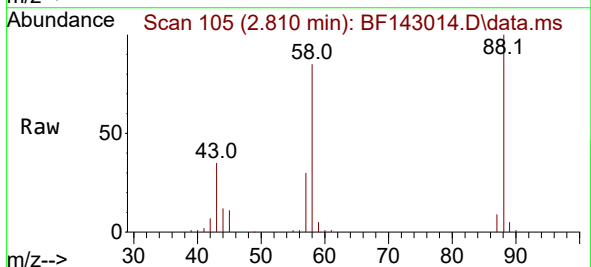
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion:152 Resp: 66005
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.2 190.8
 115 58.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 31.544 ng
 RT: 2.810 min Scan# 105
 Delta R.T. 0.171 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

Tgt Ion: 88 Resp: 50019
 Ion Ratio Lower Upper
 88 100
 58 85.0 69.1 103.7
 43 0.0 27.4 41.2#

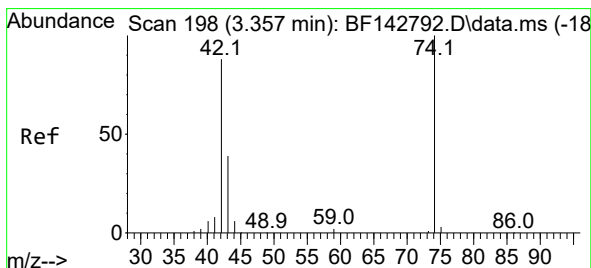
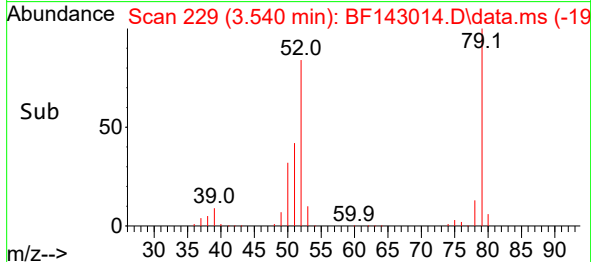
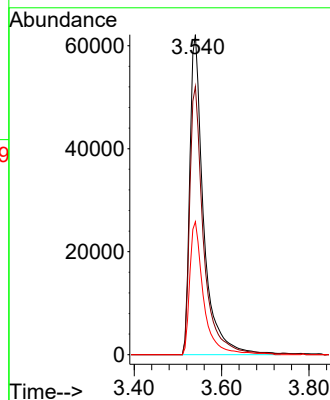
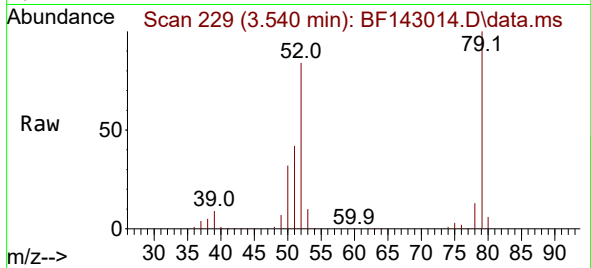




#3
Pyridine
Concen: 34.210 ng
RT: 3.540 min Scan# 218
Delta R.T. 0.130 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

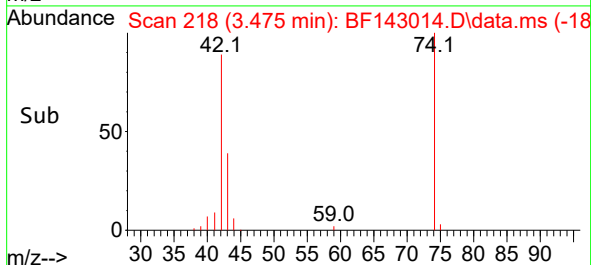
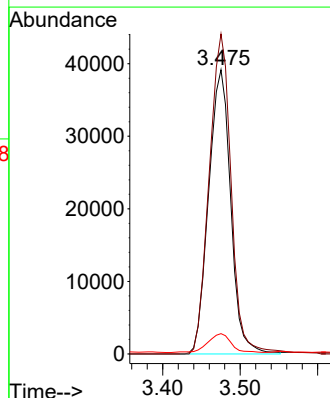
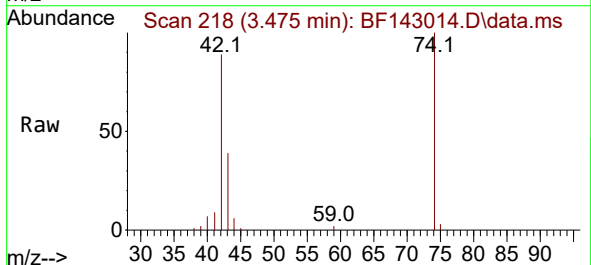
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ClientSampleId :
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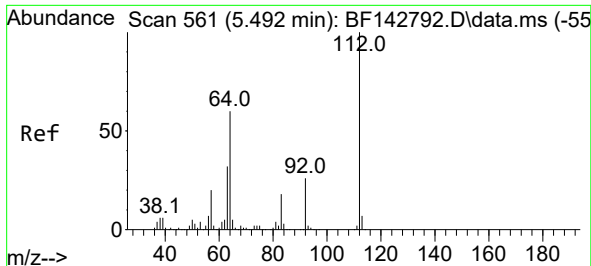
Tgt Ion: 79 Resp: 135993
Ion Ratio Lower Upper
79 100
52 83.8 69.2 103.8
51 41.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 37.708 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.118 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion: 42 Resp: 77515
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 7.2 5.8 8.6

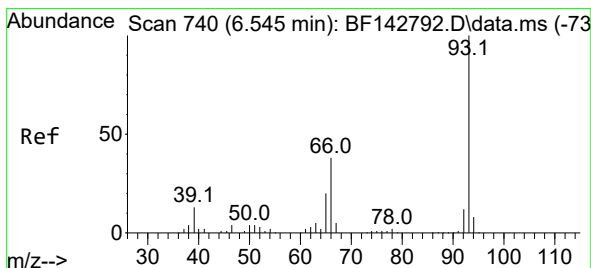
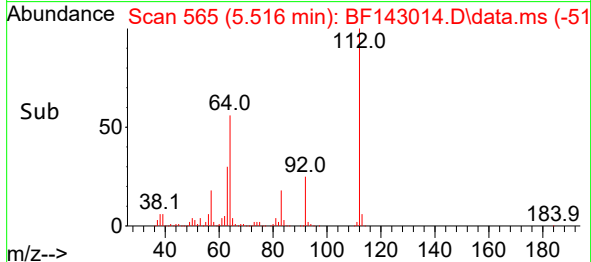
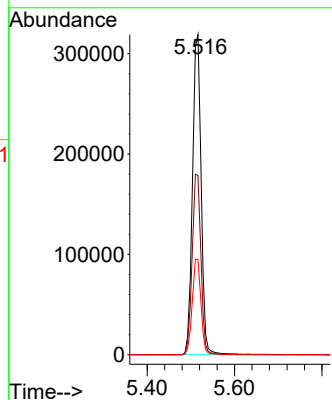
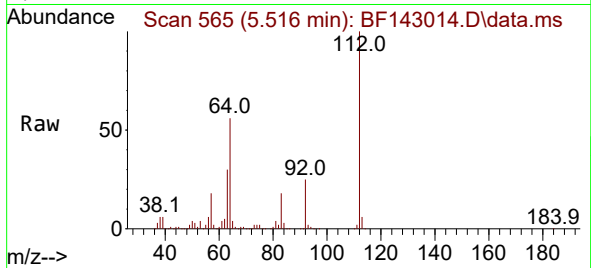




#5
2-Fluorophenol
Concen: 110.942 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

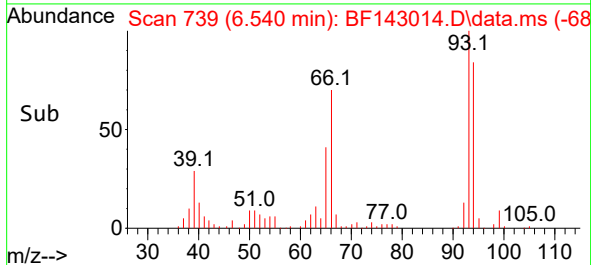
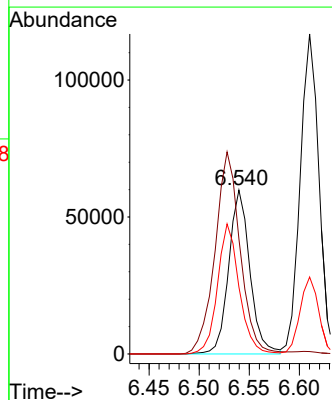
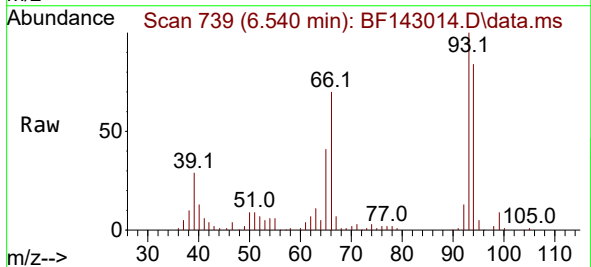
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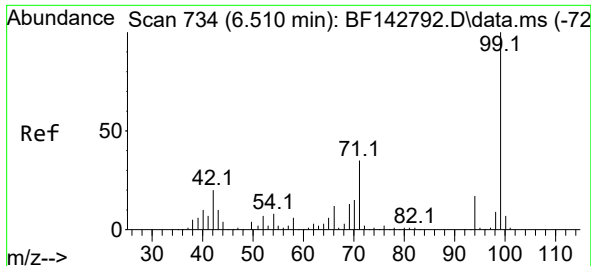
Tgt Ion:112 Resp: 439824
Ion Ratio Lower Upper
112 100
64 56.0 48.2 72.2
63 29.8 25.7 38.5



#6
Aniline
Concen: 14.145 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion: 93 Resp: 88030
Ion Ratio Lower Upper
93 100
66 70.2 31.8 47.6#
65 40.8 16.2 24.2#

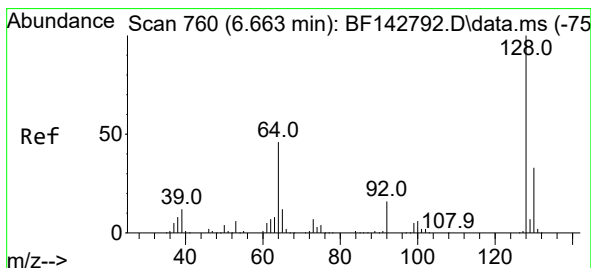
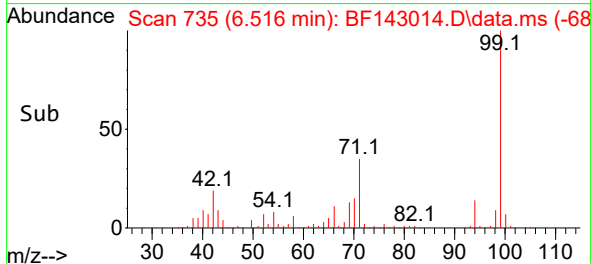
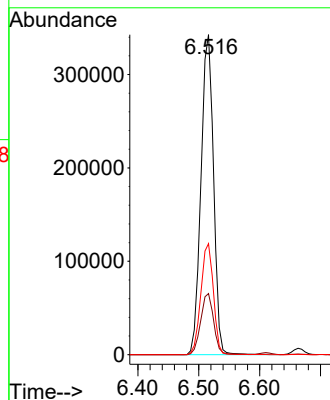
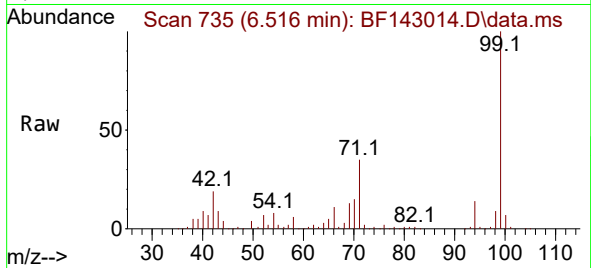




#7
Phenol-d6
Concen: 104.965 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

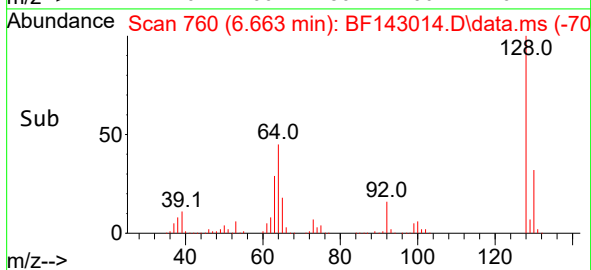
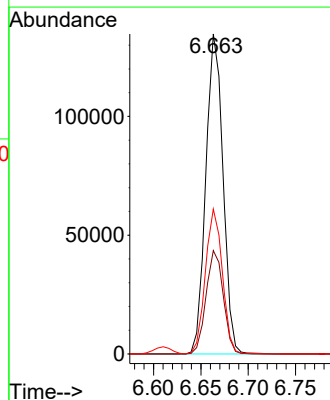
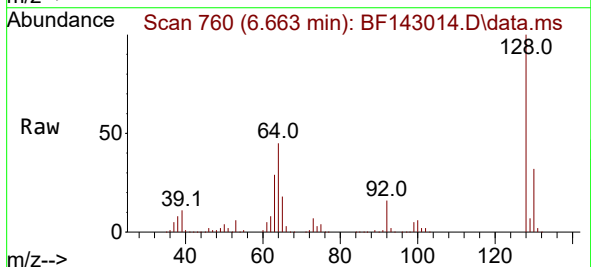
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Tgt Ion: 99 Resp: 490948
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 34.7 27.8 41.8



#8
2-Chlorophenol
Concen: 39.786 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:128 Resp: 170145
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 45.3 26.5 66.5

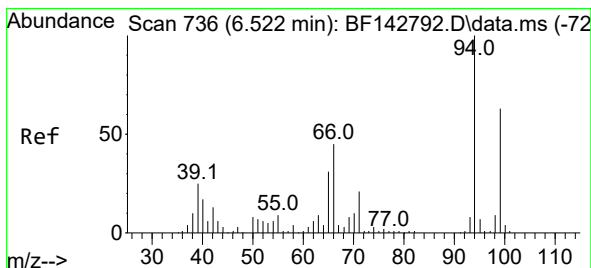
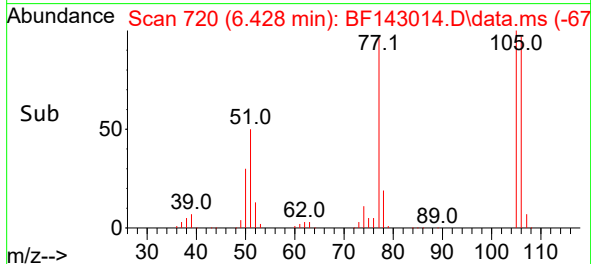
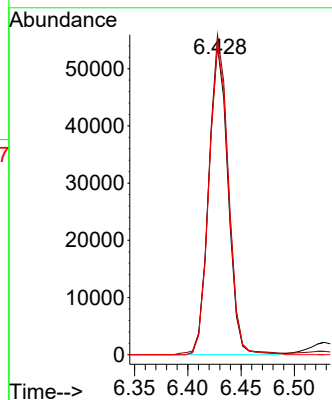
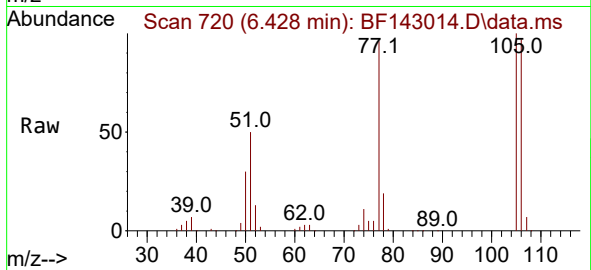




#9
Benzaldehyde
Concen: 24.396 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

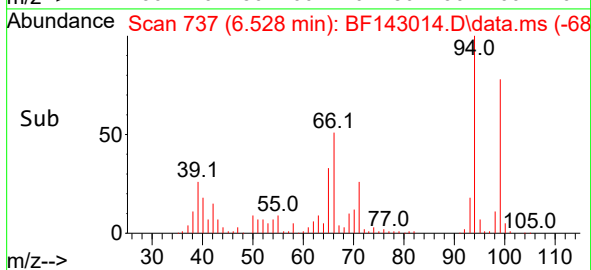
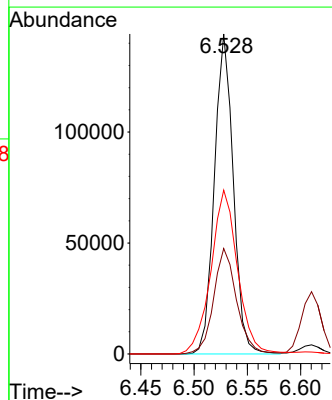
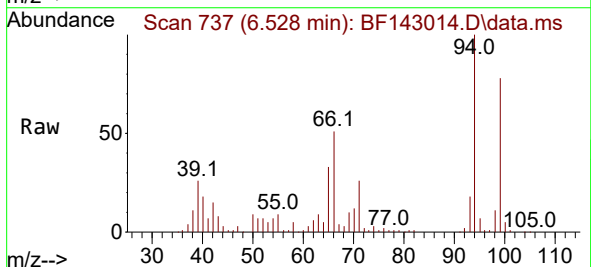
Instrument :
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ClientSampleId :
WC-1MSD

Tgt Ion: 77 Resp: 67697
Ion Ratio Lower Upper
77 100
105 103.7 83.8 123.8
106 100.8 78.7 118.7



#10
Phenol
Concen: 34.199 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143014.D
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Tgt Ion: 94 Resp: 177804
Ion Ratio Lower Upper
94 100
65 32.9 11.3 51.3
66 51.2 24.9 64.9

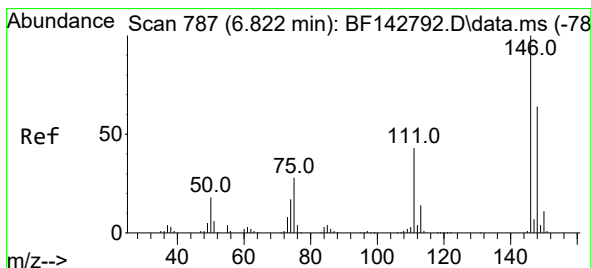
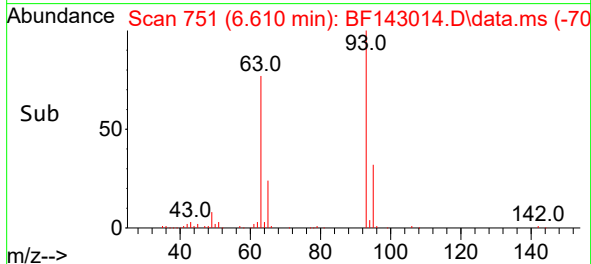
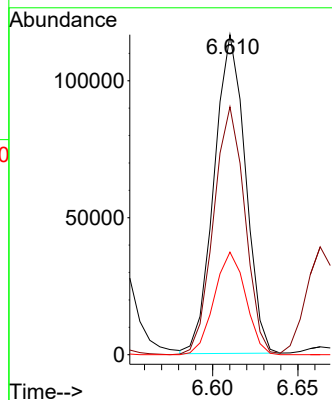
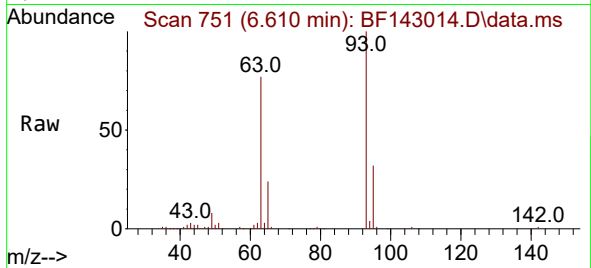




#11
bis(2-Chloroethyl)ether
Concen: 40.009 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

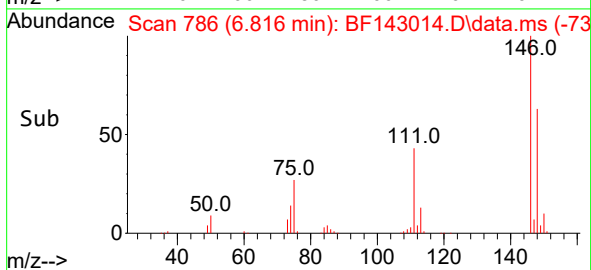
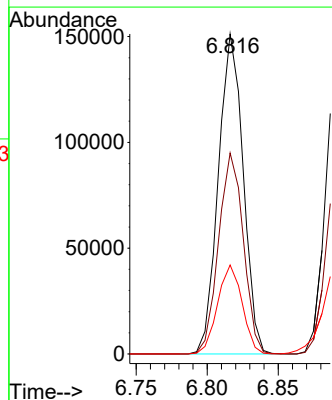
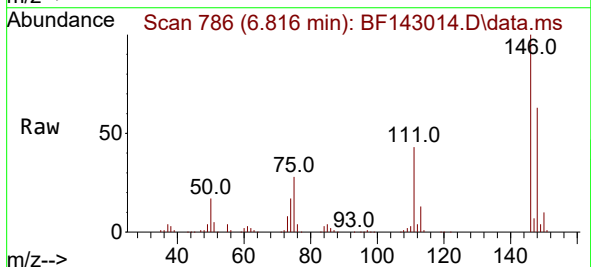
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93 Resp: 148669
Ion Ratio Lower Upper
93 100
63 77.5 60.3 100.3
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.397 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:146 Resp: 183643
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
75 27.8 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 38.049 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

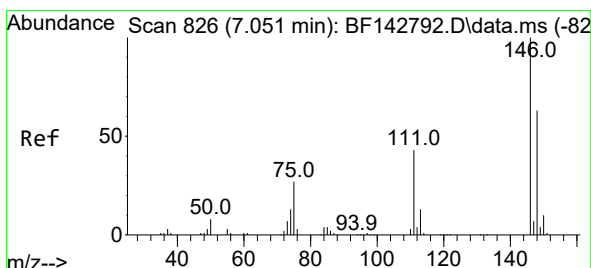
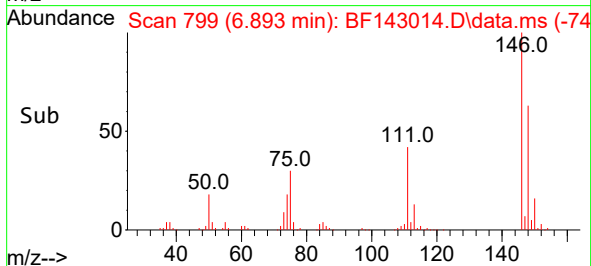
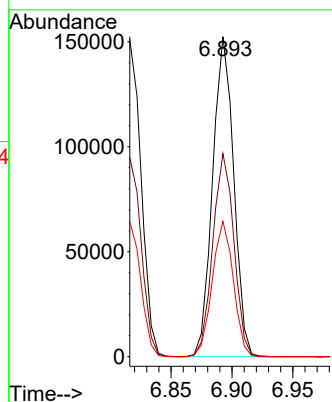
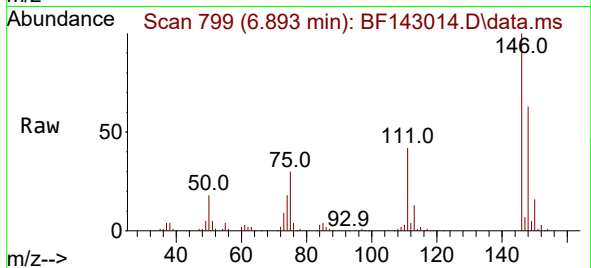
Tgt Ion:146 Resp: 183601

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 42.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 38.102 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

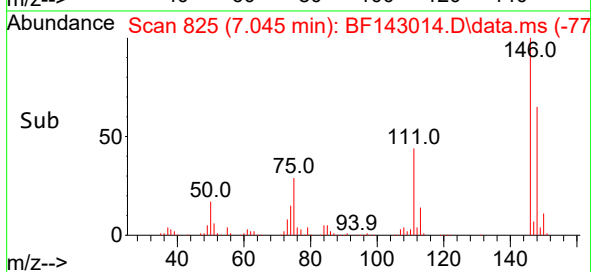
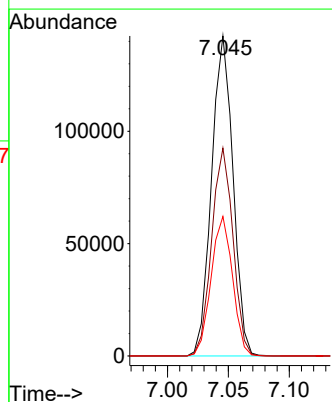
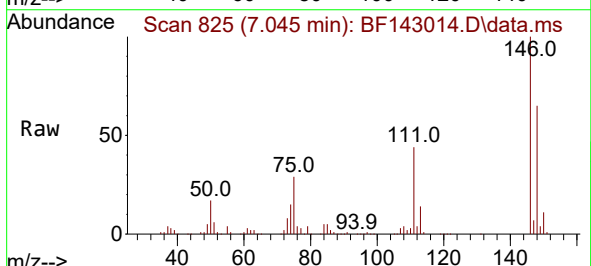
Tgt Ion:146 Resp: 174390

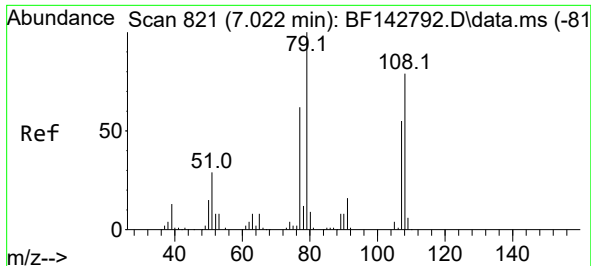
Ion Ratio Lower Upper

146 100

148 64.9 50.4 75.6

111 43.6 34.1 51.1

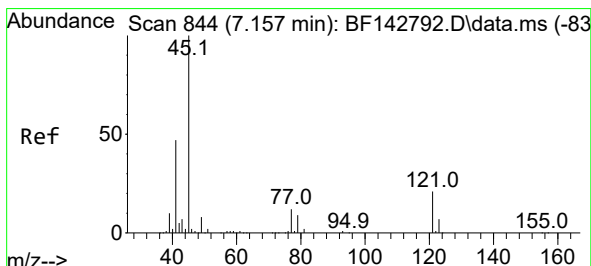
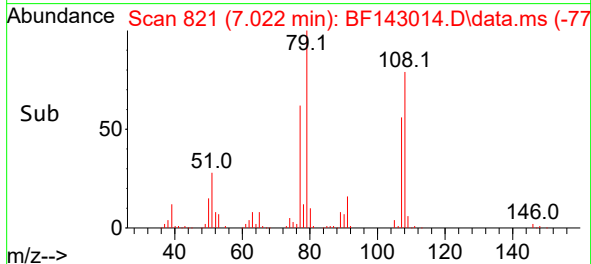
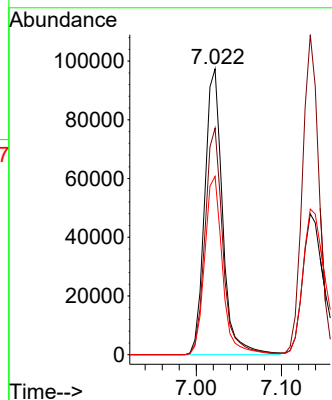
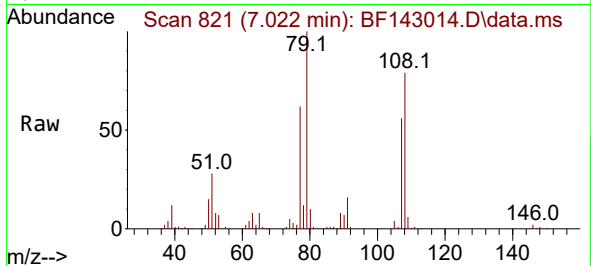




#15
Benzyl Alcohol
Concen: 41.954 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

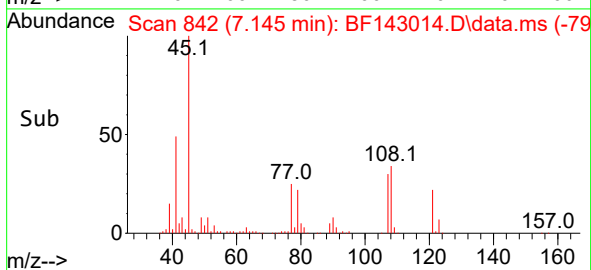
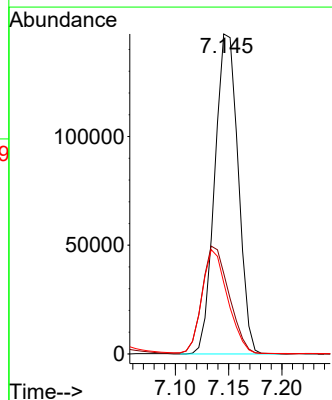
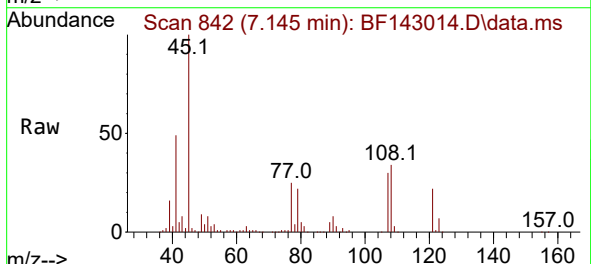
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

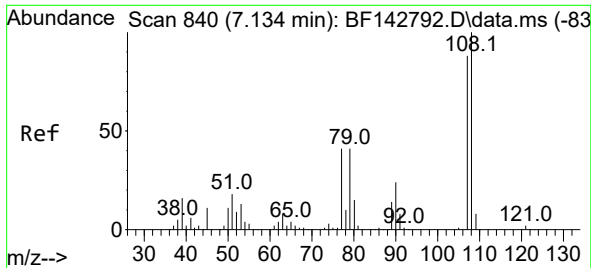
Tgt Ion:	79	Resp:	141861
Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.4	95.0
77	62.4	49.5	74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.594 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:	45	Resp:	224438
Ion	Ratio	Lower	Upper
45	100		
77	25.2	0.0	32.8
79	22.3	0.0	29.8

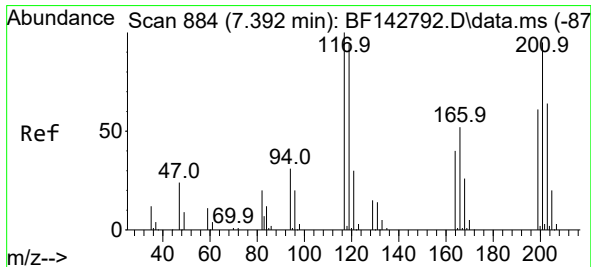
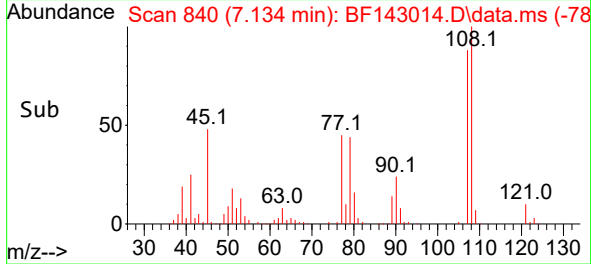
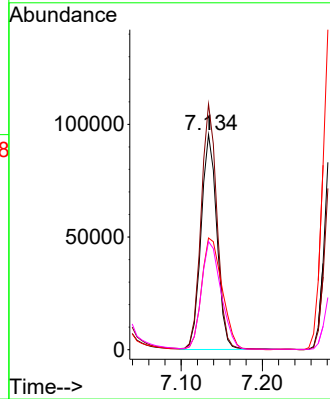
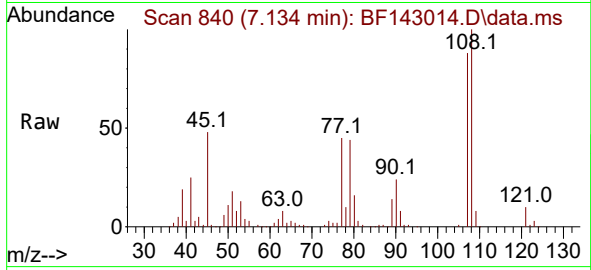




#17
2-Methylphenol
Concen: 39.951 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

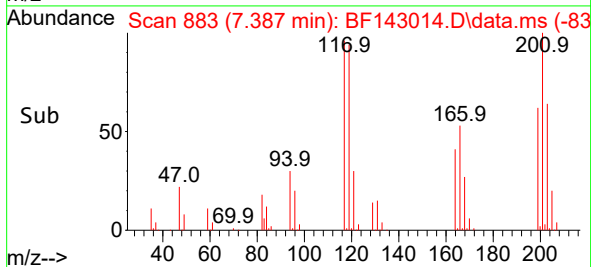
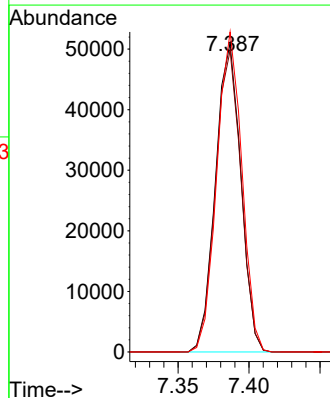
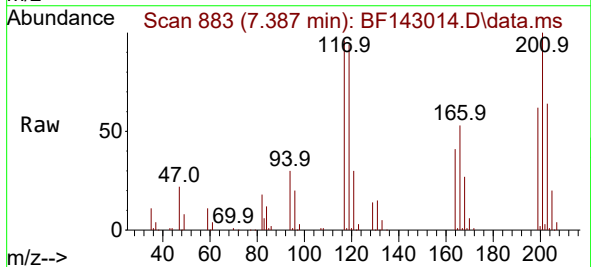
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:	107	Resp:	129474
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.9	136.3
77	51.9	37.3	55.9
79	50.2	37.2	55.8



#18
Hexachloroethane
Concen: 37.542 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:	117	Resp:	63363
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.4	113.0
201	103.7	75.9	113.9

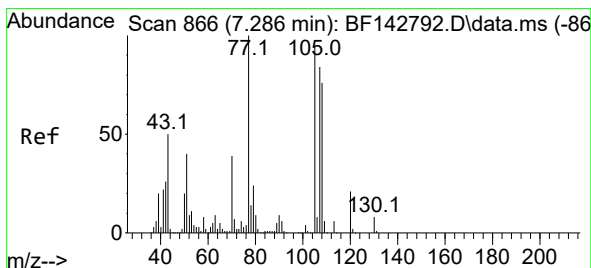
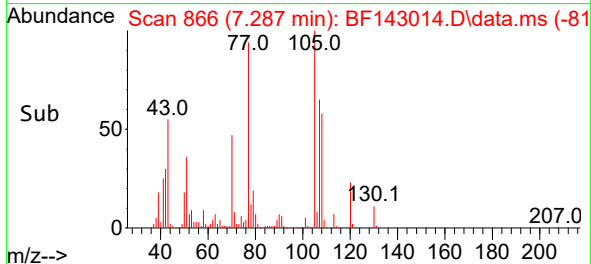
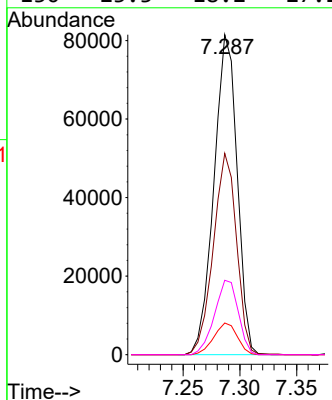
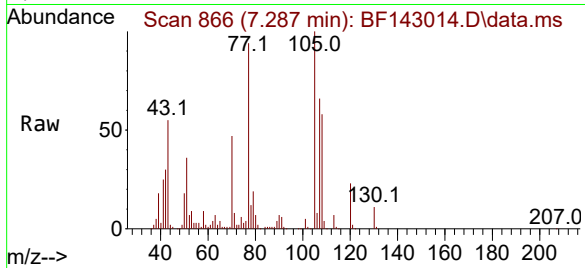




#19
n-Nitroso-di-n-propylamine
Concen: 42.543 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

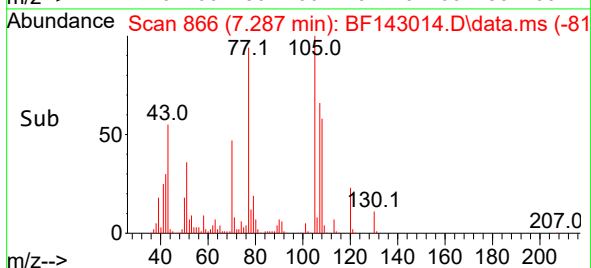
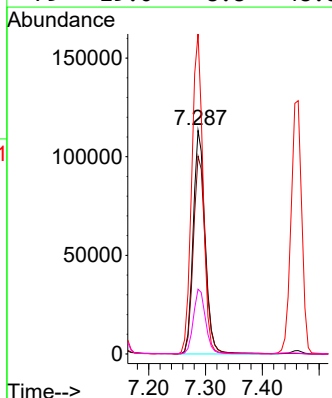
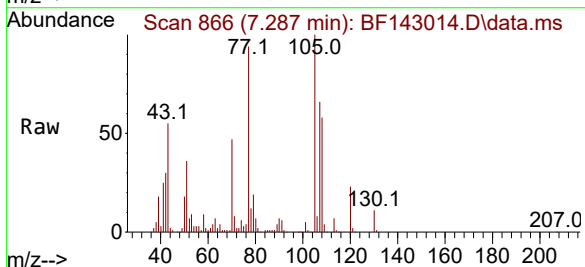
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

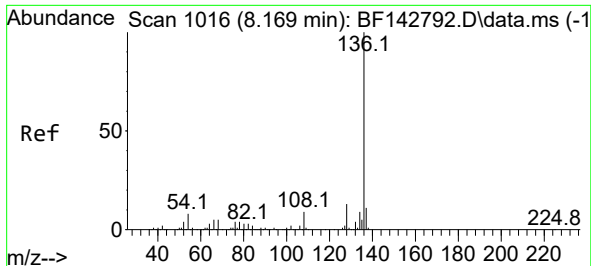
Tgt Ion: 70 Resp: 115731
Ion Ratio Lower Upper
70 100
42 62.9 52.1 78.1
101 9.9 8.2 12.2
130 23.3 18.2 27.2



#20
3+4-Methylphenols
Concen: 41.262 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:107 Resp: 166728
Ion Ratio Lower Upper
107 100
108 88.5 70.0 110.0
77 143.2 98.5 138.5#
79 29.0 8.8 48.8

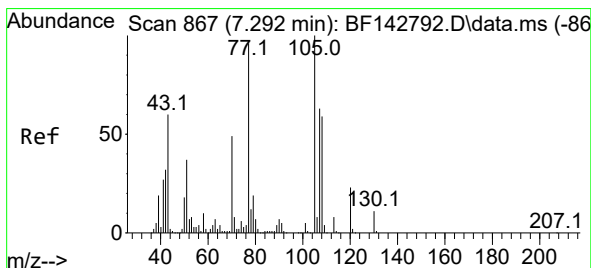
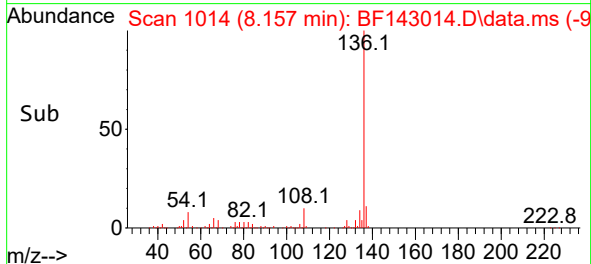
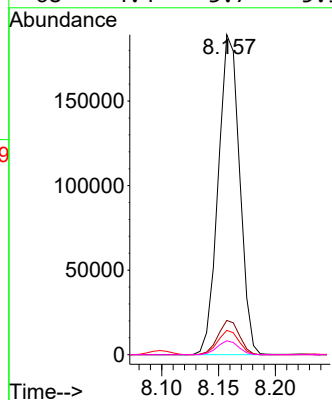
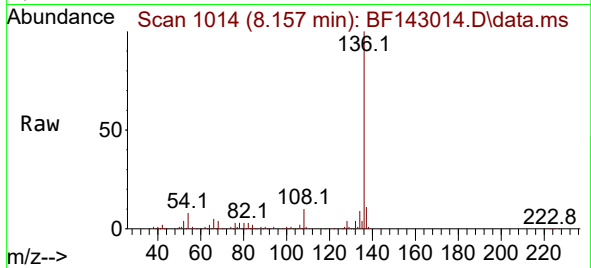




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

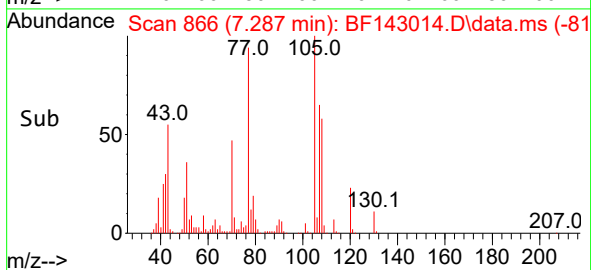
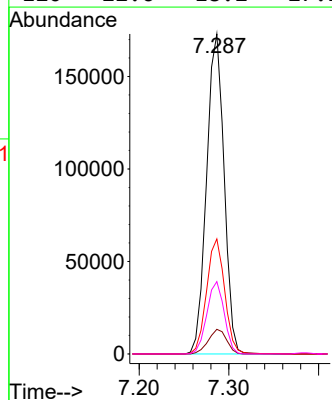
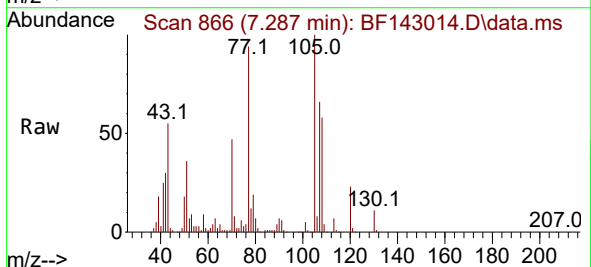
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

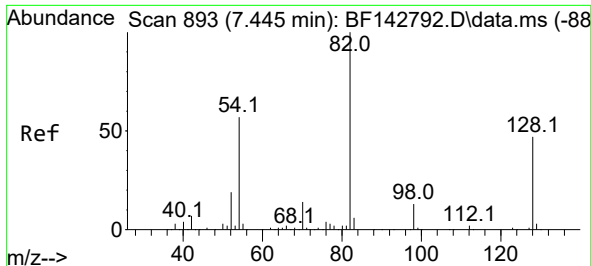
Tgt Ion:	136	Resp:	248256
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	7.6	6.3	9.5
68	4.4	3.7	5.5



#22
Acetophenone
Concen: 42.822 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:	105	Resp:	234427
Ion Ratio	Lower	Upper	
105	100		
71	7.7	6.5	9.7
51	35.9	29.8	44.8
120	22.6	18.2	27.2

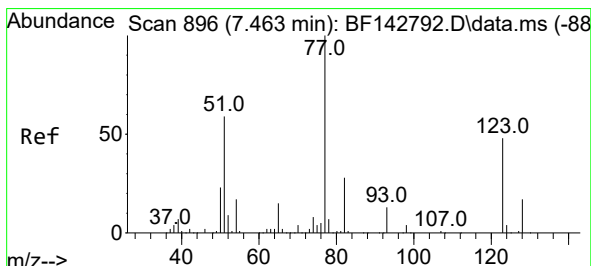
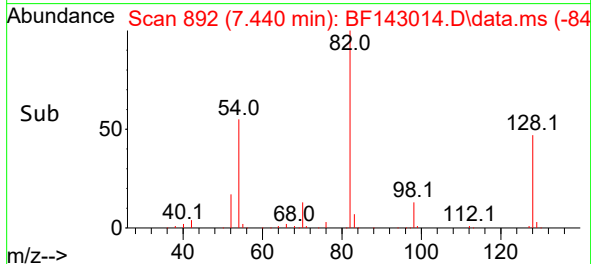
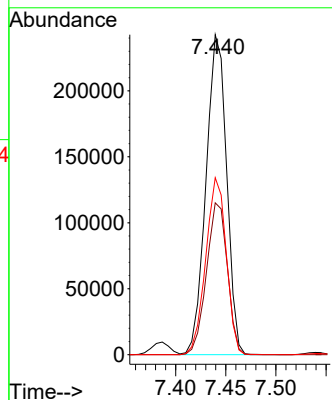
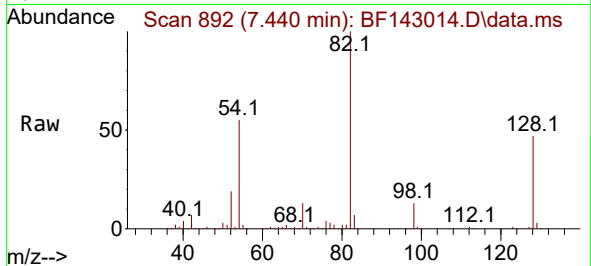




#23
Nitrobenzene-d5
Concen: 76.876 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

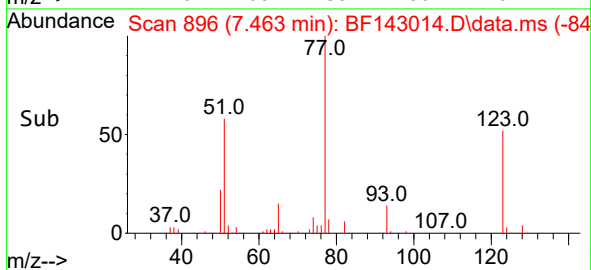
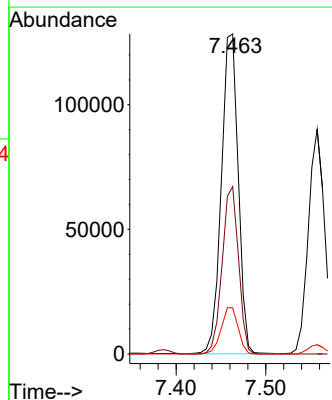
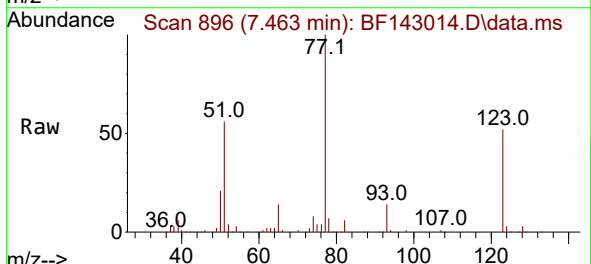
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

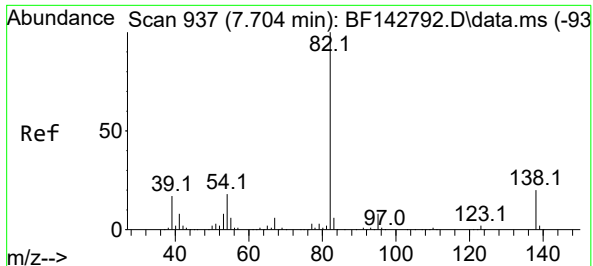
Tgt Ion: 82 Resp: 347943
Ion Ratio Lower Upper
82 100
128 47.4 37.7 56.5
54 55.3 45.7 68.5



#24
Nitrobenzene
Concen: 40.912 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion: 77 Resp: 167596
Ion Ratio Lower Upper
77 100
123 52.3 39.2 58.8
65 14.4 11.6 17.4

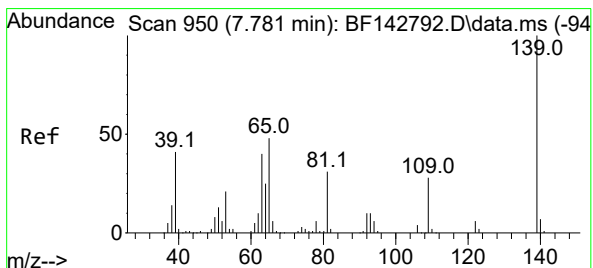
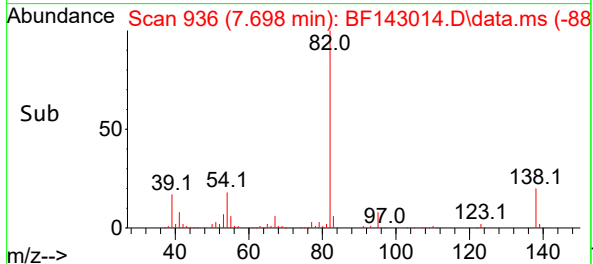
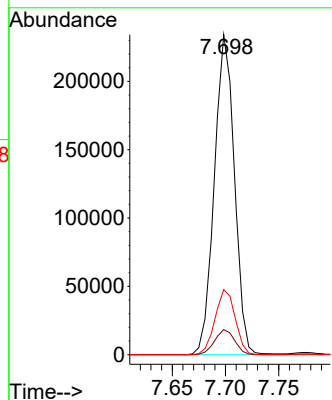
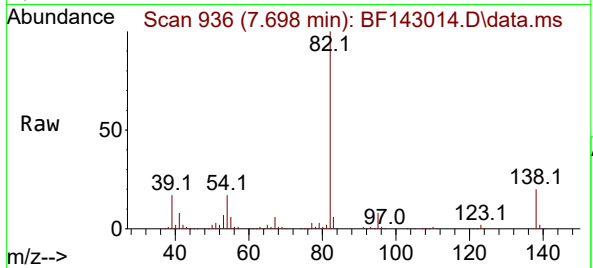




#25
Isophorone
Concen: 42.338 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

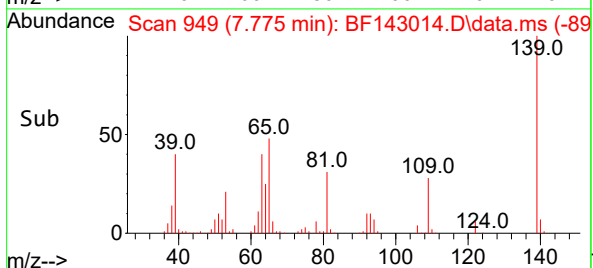
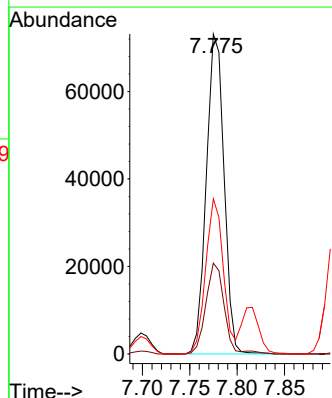
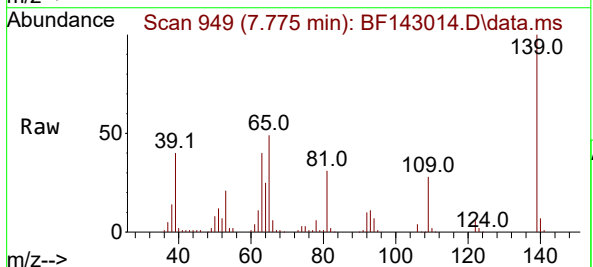
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 307394
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 42.560 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:139 Resp: 94974
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 48.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.736 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

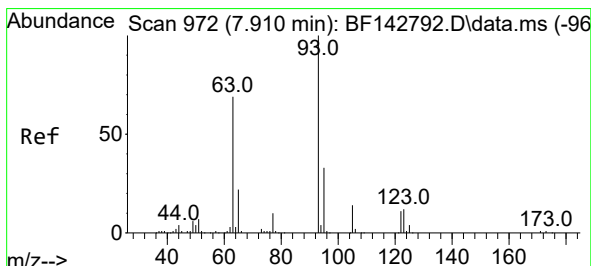
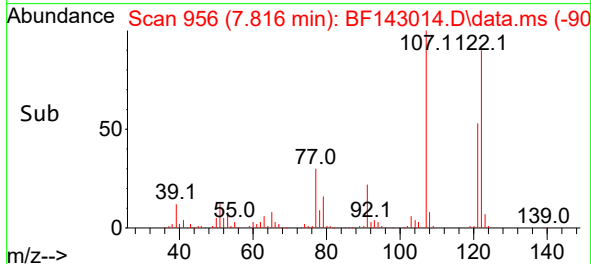
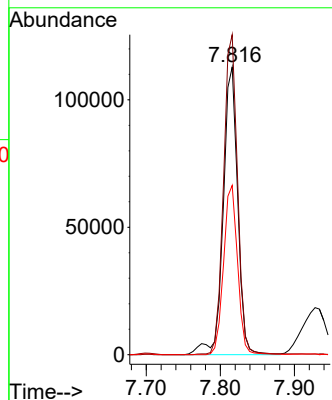
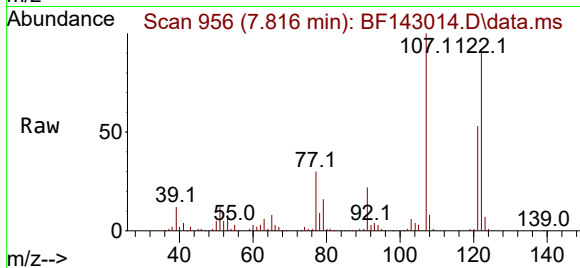
Tgt Ion:122 Resp: 153596

Ion Ratio Lower Upper

122 100

107 111.2 88.0 132.0

121 58.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.195 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

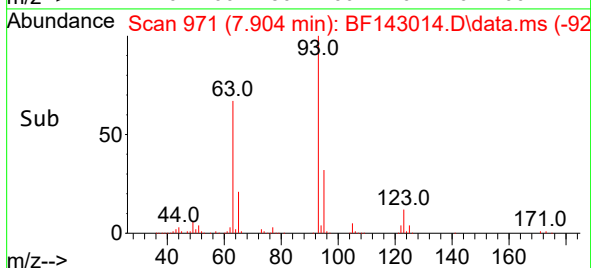
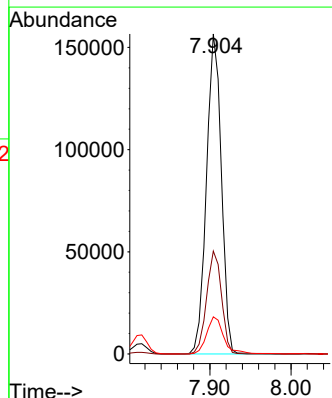
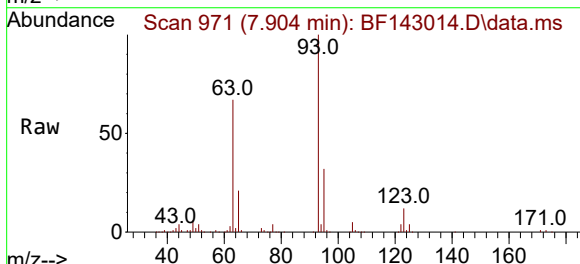
Tgt Ion: 93 Resp: 199380

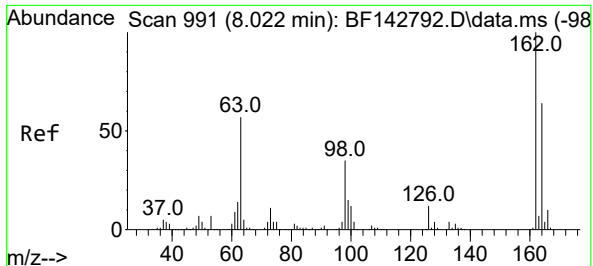
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.187 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

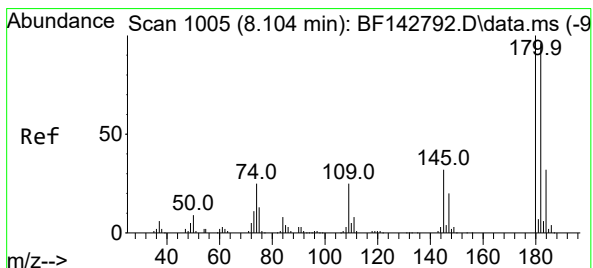
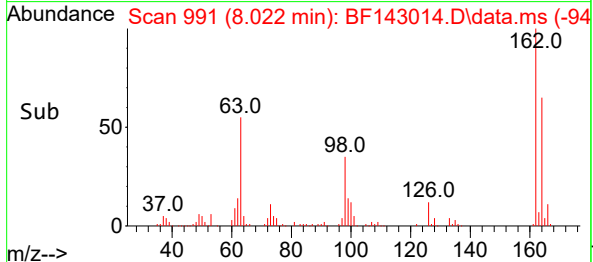
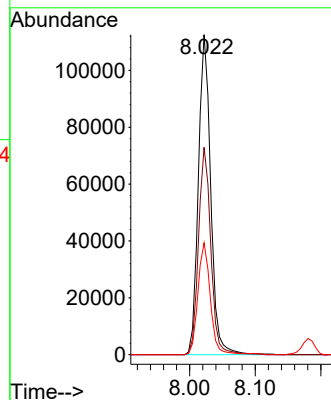
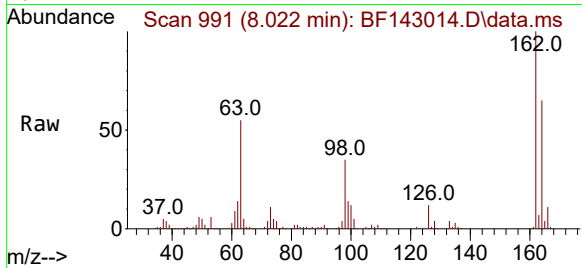
Tgt Ion:162 Resp: 147859

Ion Ratio Lower Upper

162 100

164 64.8 44.0 84.0

98 35.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 40.393 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

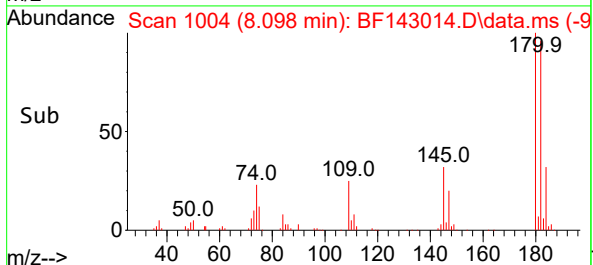
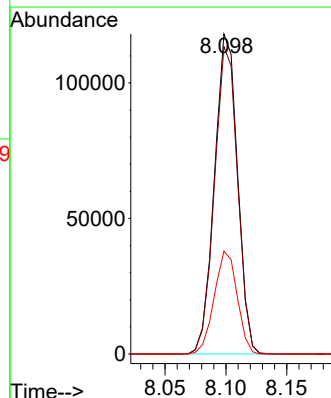
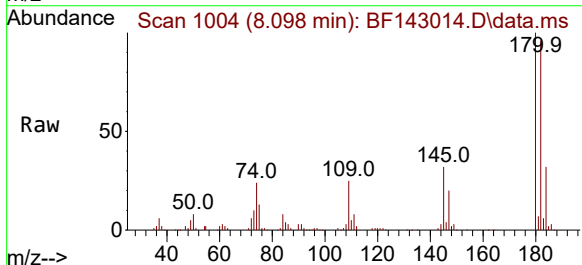
Tgt Ion:180 Resp: 155672

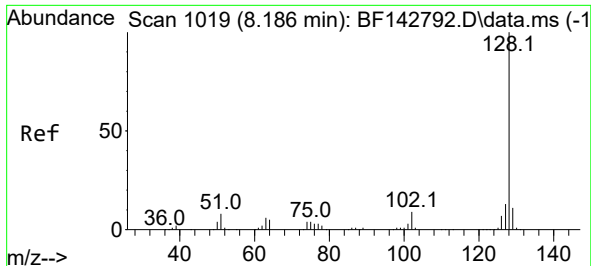
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.1 25.8 38.8

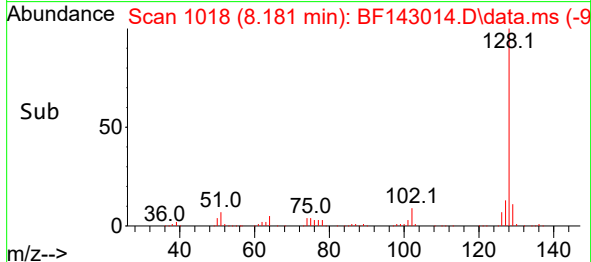
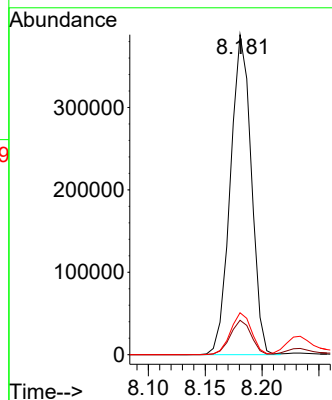
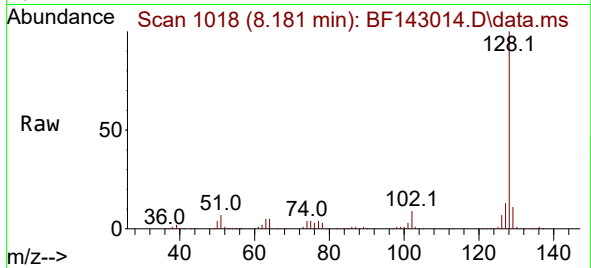




#31
Naphthalene
Concen: 40.905 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

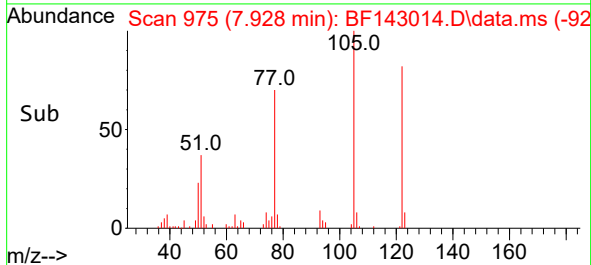
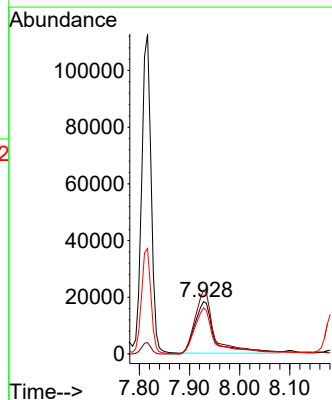
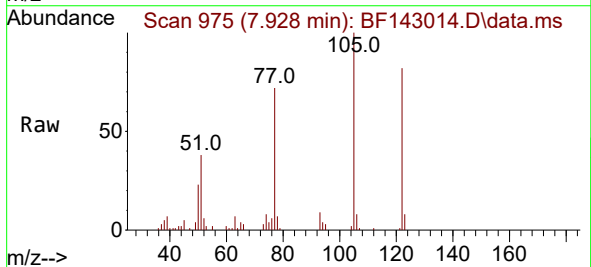
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

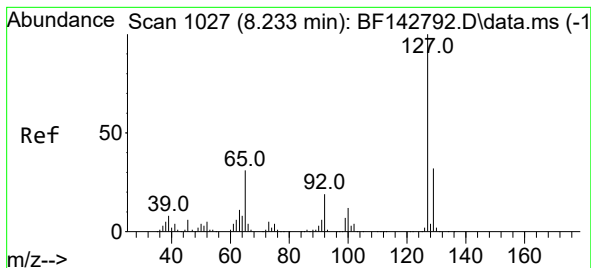
Tgt Ion:128 Resp: 497068
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 25.178 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:122 Resp: 49604
Ion Ratio Lower Upper
122 100
105 121.6 104.7 144.7
77 88.0 70.2 110.2





#33

4-Chloroaniline

Concen: 8.622 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 42602

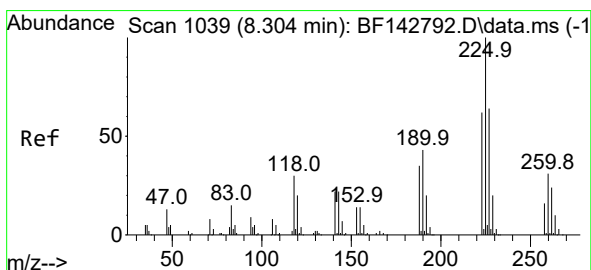
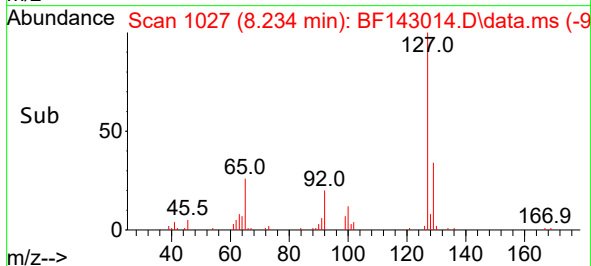
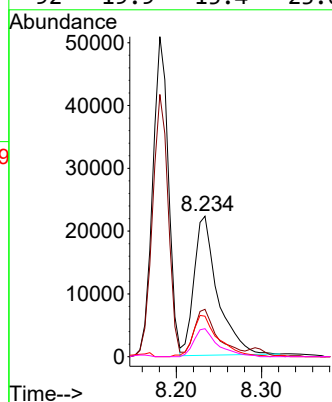
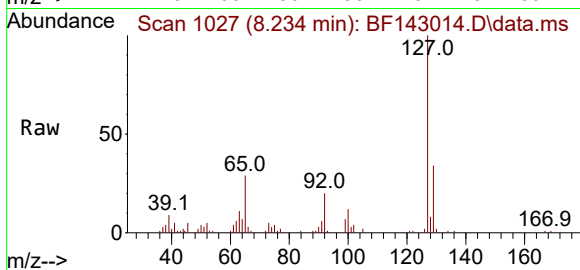
Ion Ratio Lower Upper

127 100

129 33.7 25.9 38.9

65 28.8 24.6 36.8

92 19.9 15.4 23.0



#34

Hexachlorobutadiene

Concen: 41.421 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

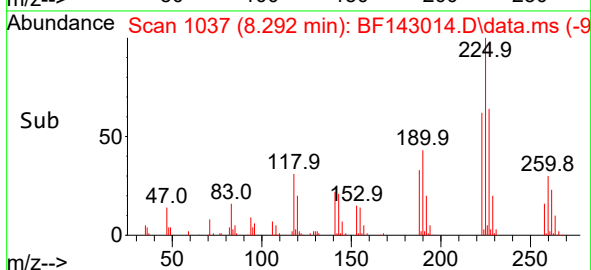
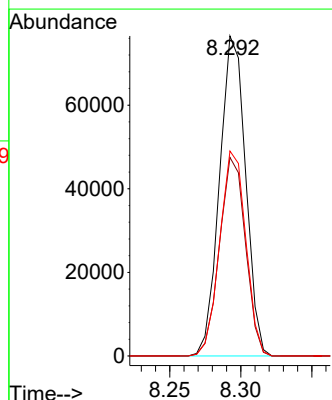
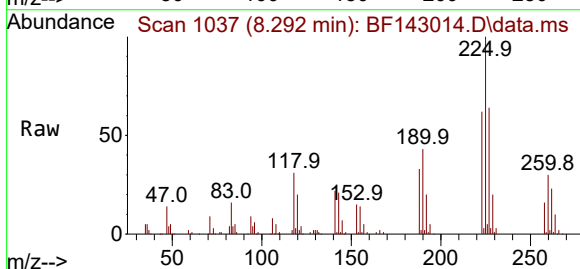
Tgt Ion:225 Resp: 97646

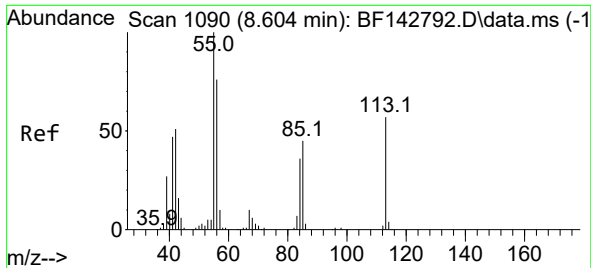
Ion Ratio Lower Upper

225 100

223 62.0 49.9 74.9

227 64.1 51.4 77.0

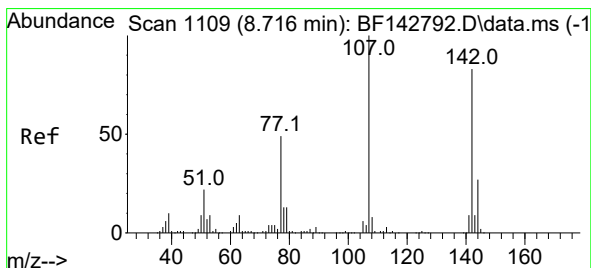
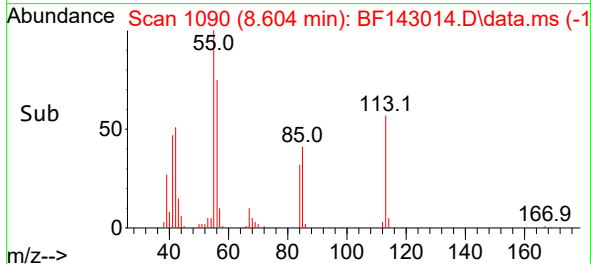
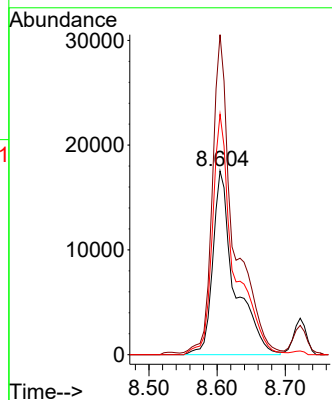
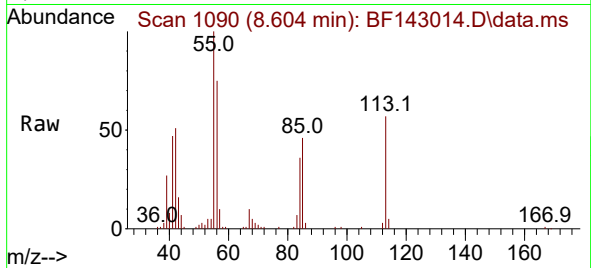




#35
 Caprolactam
 Concen: 42.158 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

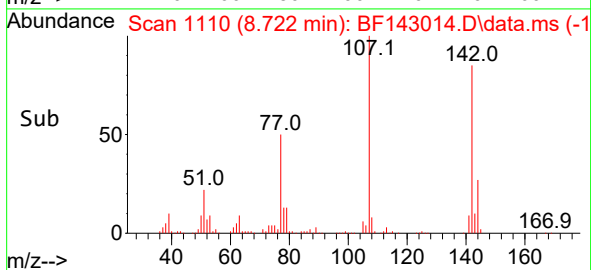
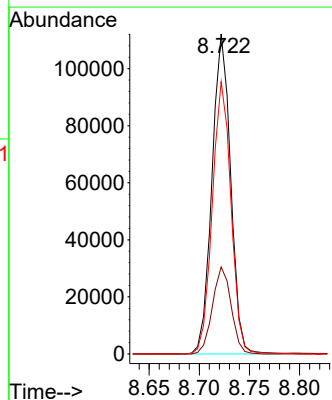
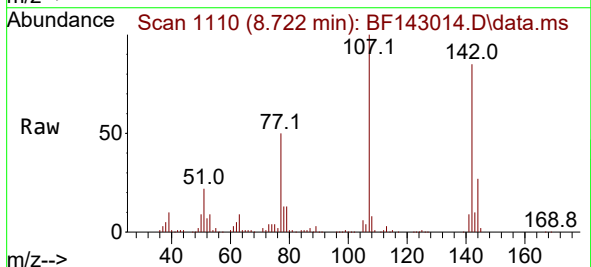
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

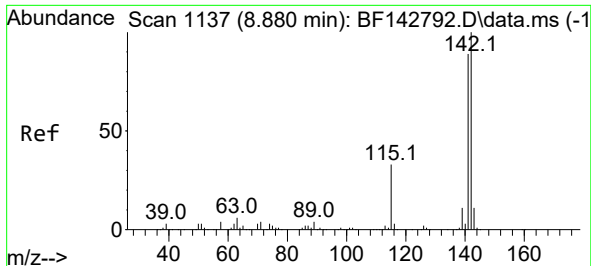
Tgt Ion:113 Resp: 38990
 Ion Ratio Lower Upper
 113 100
 55 174.2 154.4 194.4
 56 130.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.718 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

Tgt Ion:107 Resp: 145313
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.3 31.9
 142 85.0 66.6 100.0

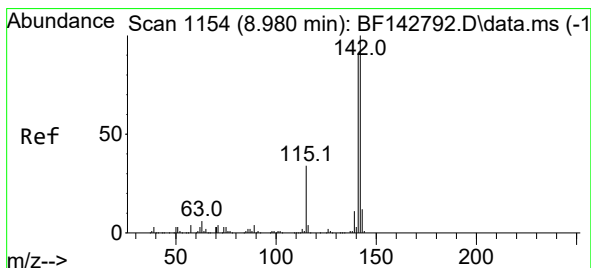
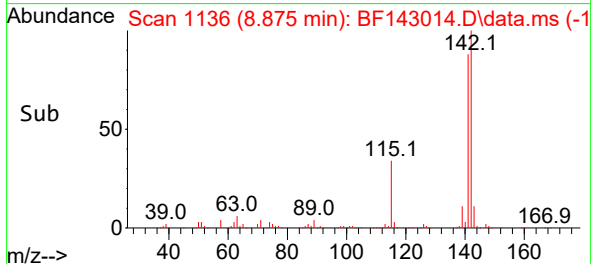
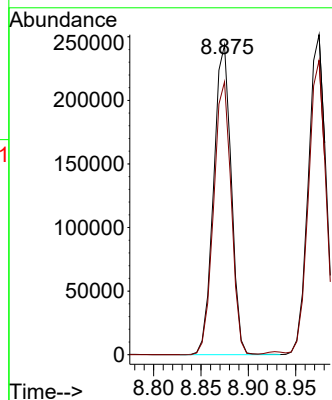
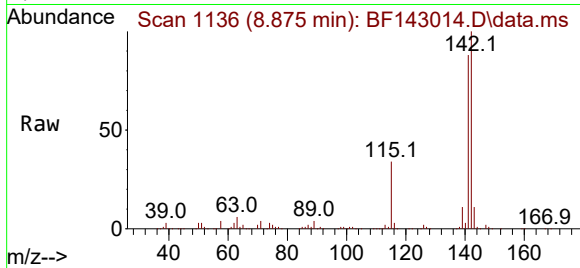




#37
2-Methylnaphthalene
Concen: 41.774 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

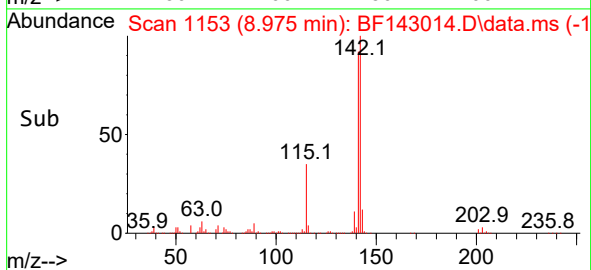
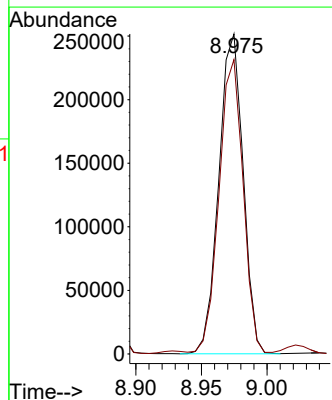
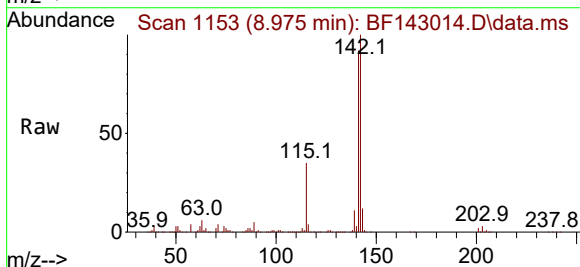
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

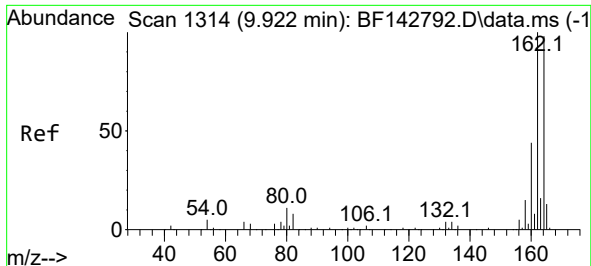
Tgt Ion:142 Resp: 314708
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.493 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:142 Resp: 323591
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

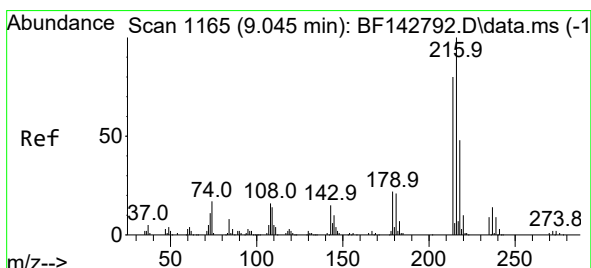
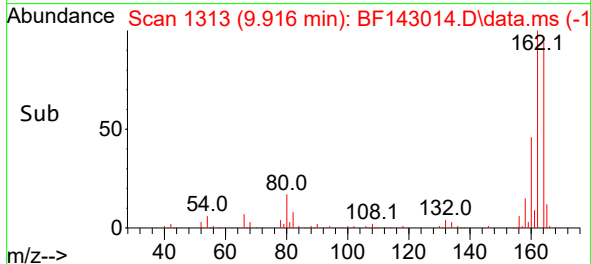
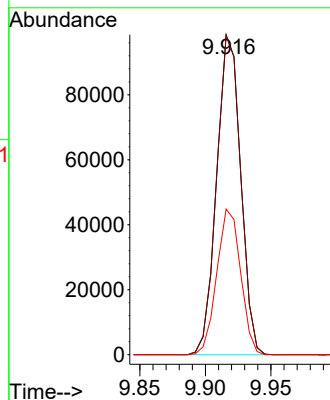
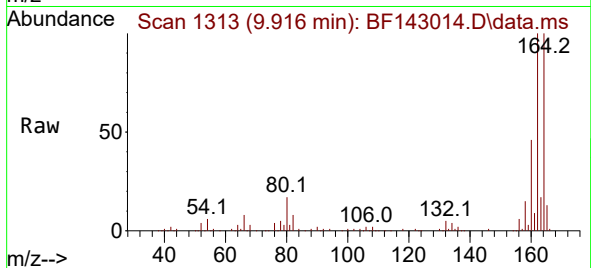
Tgt Ion:164 Resp: 125034

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.8

160 45.5 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.170 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Tgt Ion:216 Resp: 162957

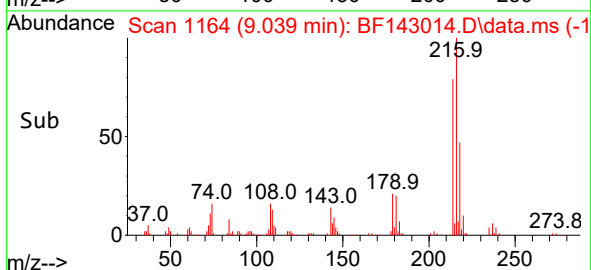
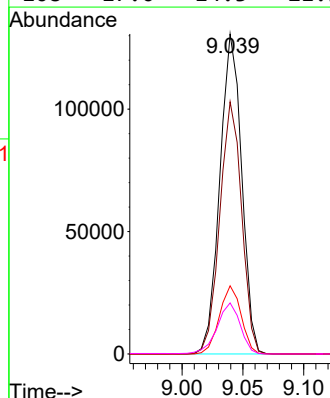
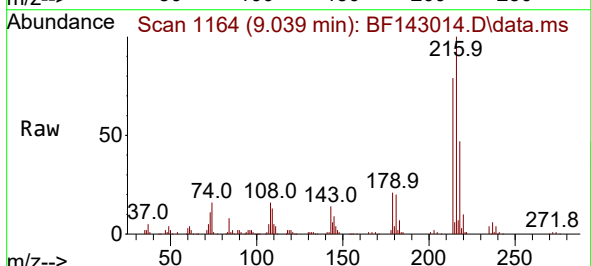
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 21.2 17.6 26.4

108 17.0 14.3 21.5

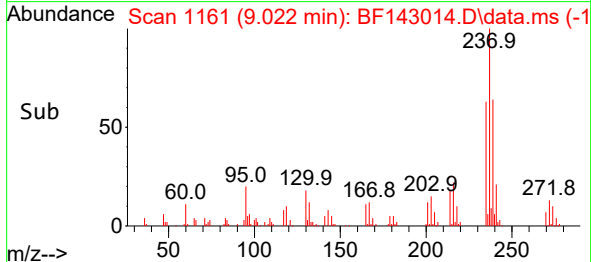
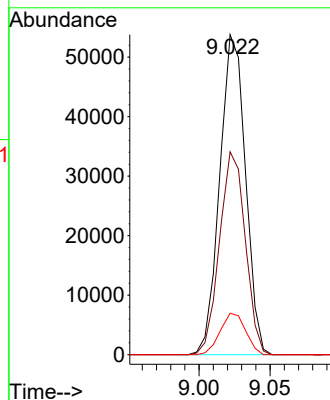
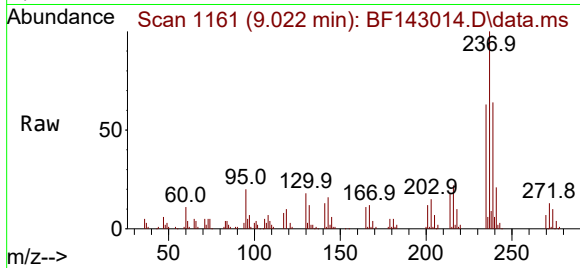




#41
Hexachlorocyclopentadiene
Concen: 32.349 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

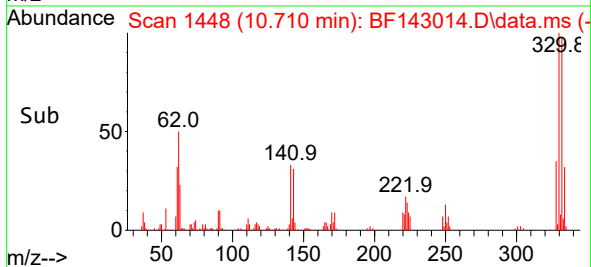
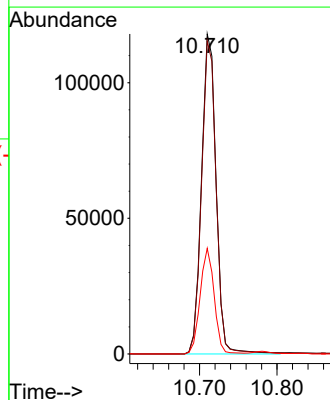
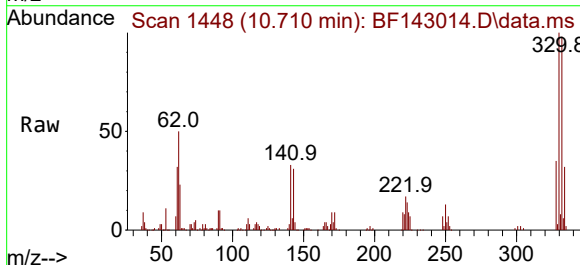
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

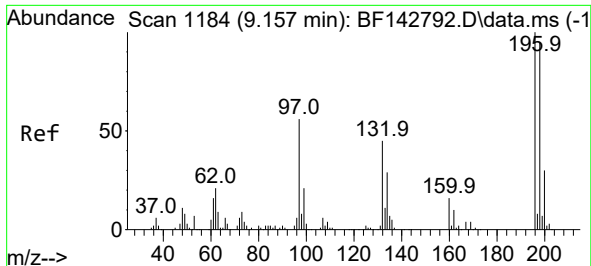
Tgt Ion:237 Resp: 67727
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 119.847 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:330 Resp: 154205
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.6
141 31.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.792 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

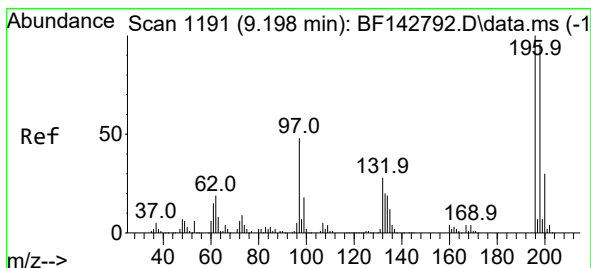
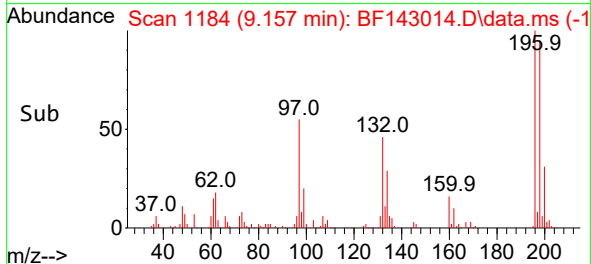
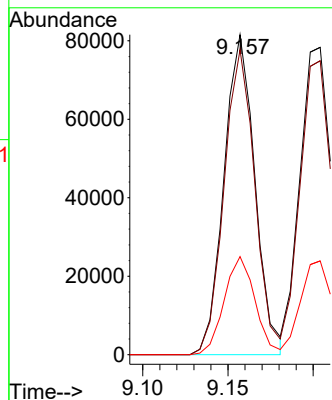
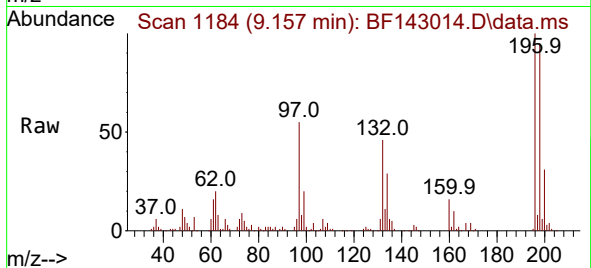
Tgt Ion:196 Resp: 102875

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.2

200 30.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.255 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Tgt Ion:196 Resp: 106934

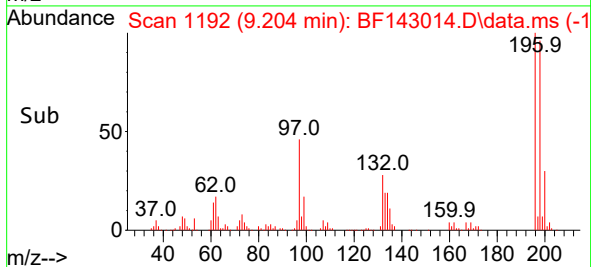
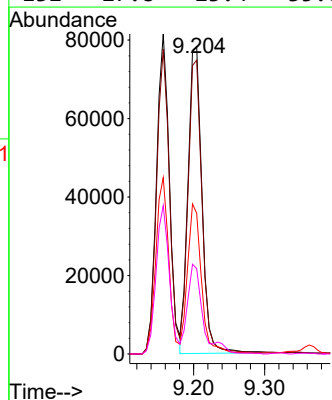
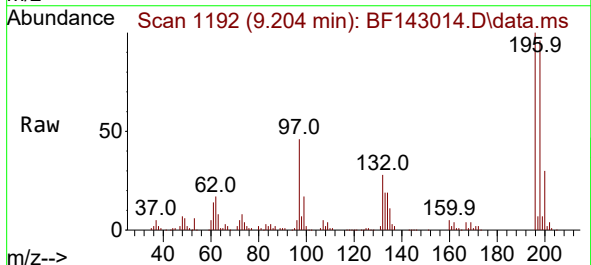
Ion Ratio Lower Upper

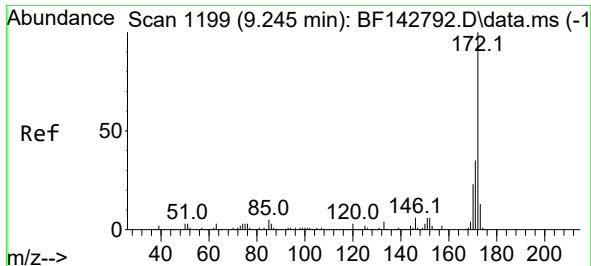
196 100

198 95.6 76.6 115.0

97 45.8 38.2 57.2

132 27.8 23.4 35.0

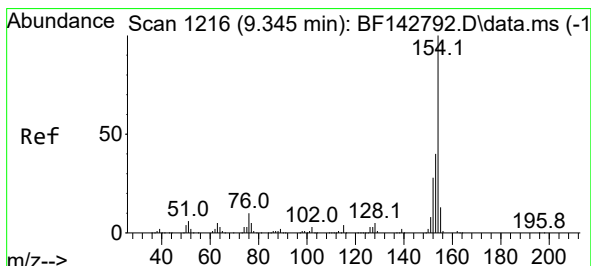
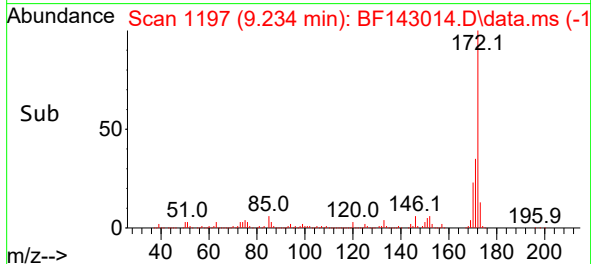
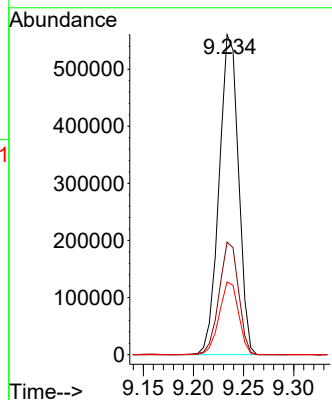
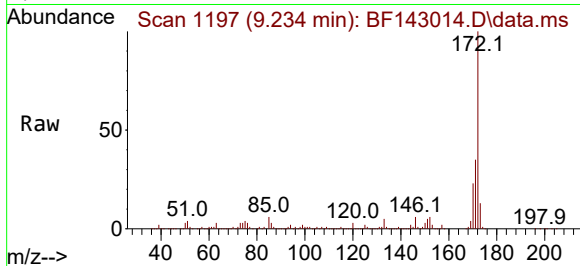




#45
2-Fluorobiphenyl
Concen: 79.015 ng
RT: 9.234 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

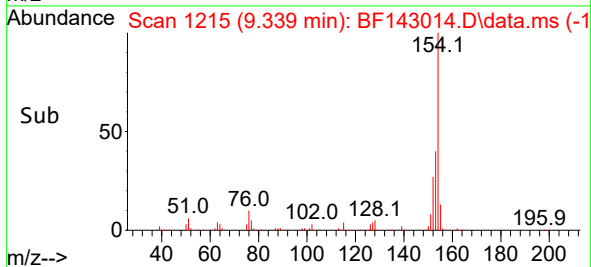
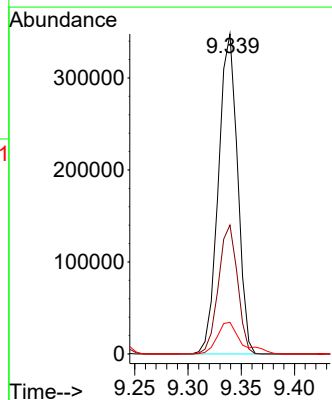
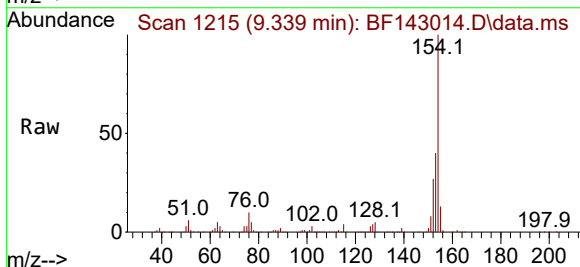
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

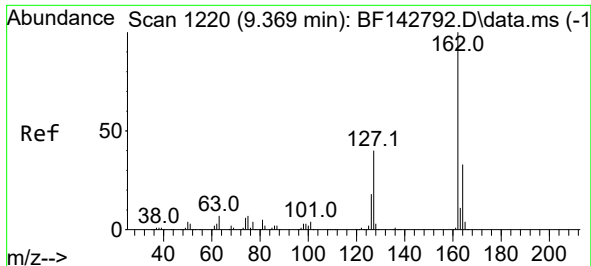
Tgt Ion:172 Resp: 752059
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 43.892 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:154 Resp: 433517
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 9.9 0.0 30.3

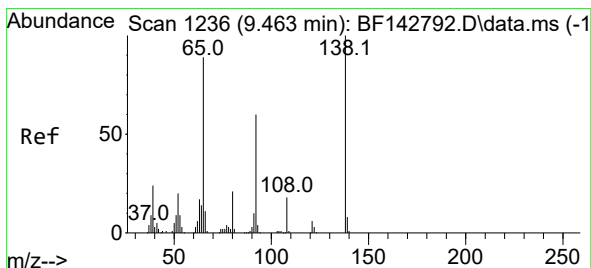
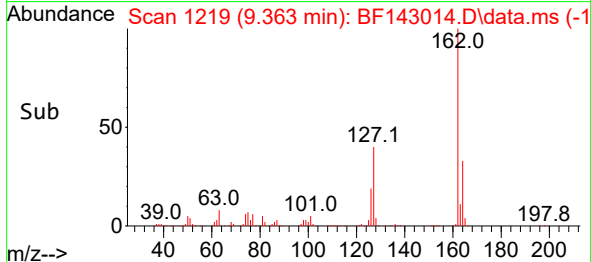
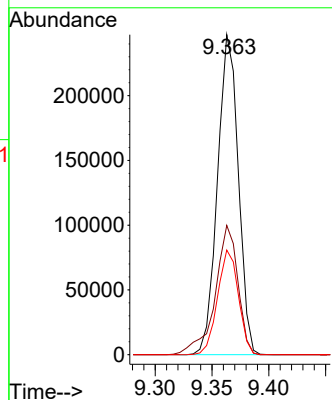
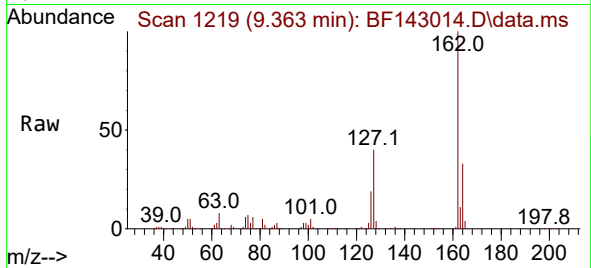




#47
2-Chloronaphthalene
Concen: 42.507 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

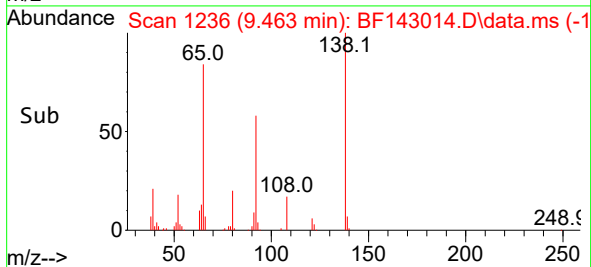
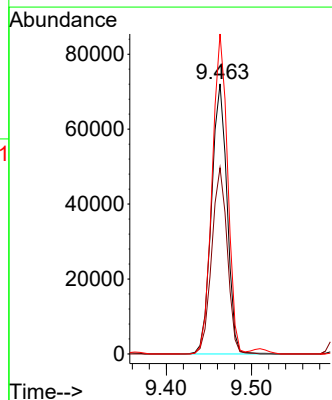
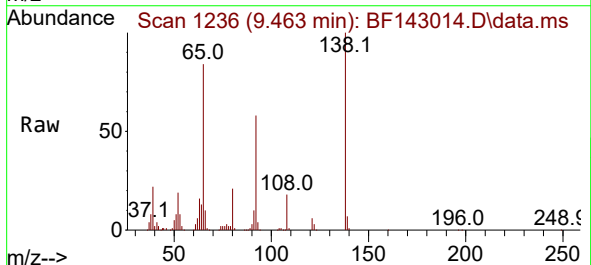
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

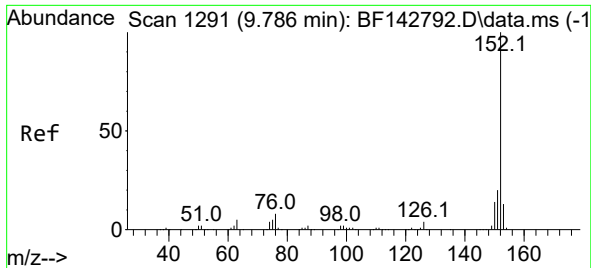
Tgt Ion:162 Resp: 315058
Ion Ratio Lower Upper
162 100
127 40.4 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 44.141 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion: 65 Resp: 91725
Ion Ratio Lower Upper
65 100
92 69.0 53.8 80.6
138 118.5 89.6 134.4

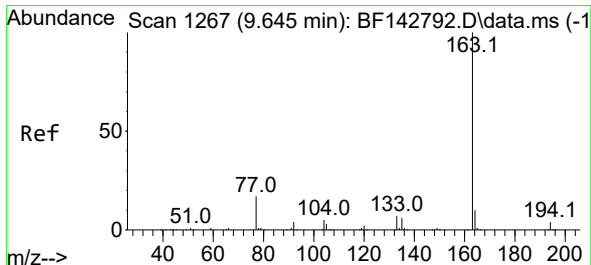
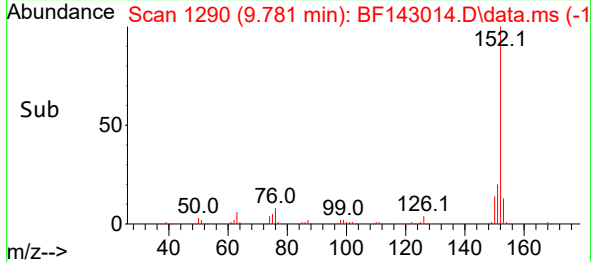
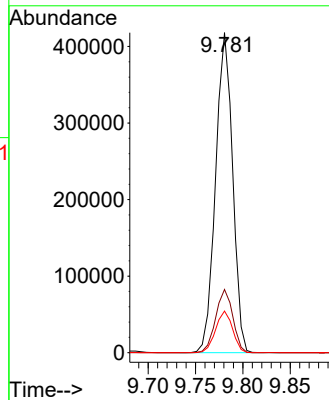
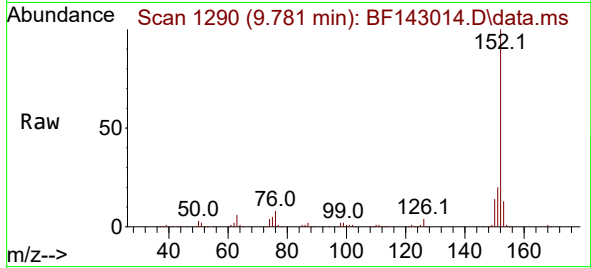




#49
Acenaphthylene
Concen: 42.947 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

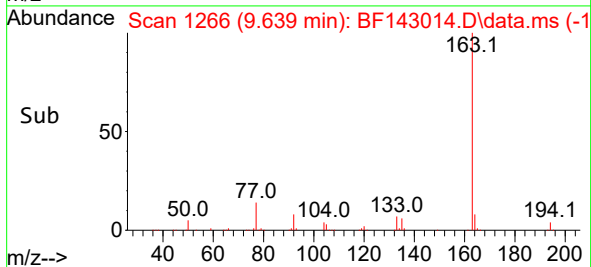
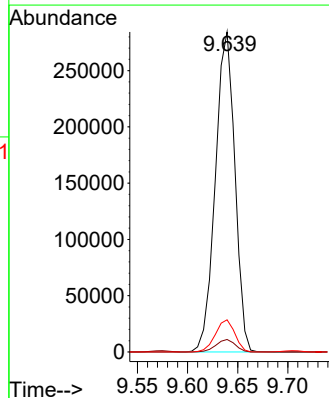
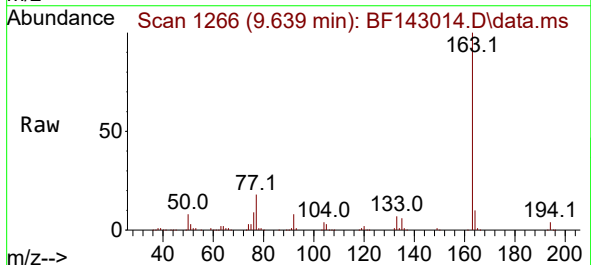
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

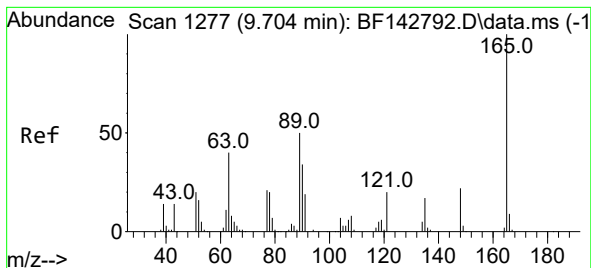
Tgt Ion:152 Resp: 524028
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 47.582 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:163 Resp: 385105
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.0 12.0

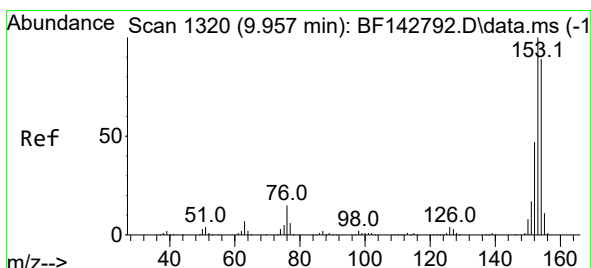
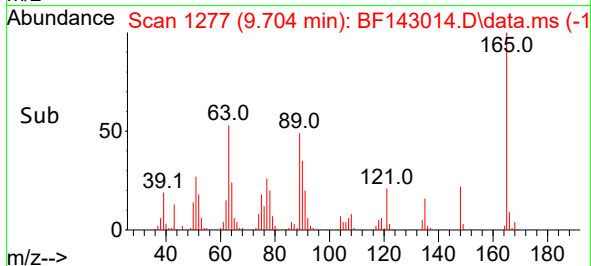
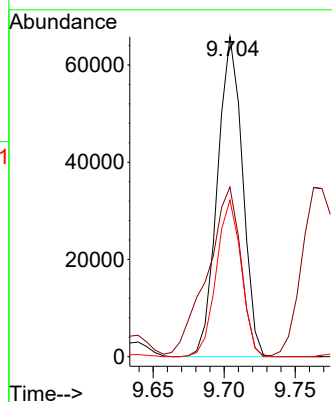
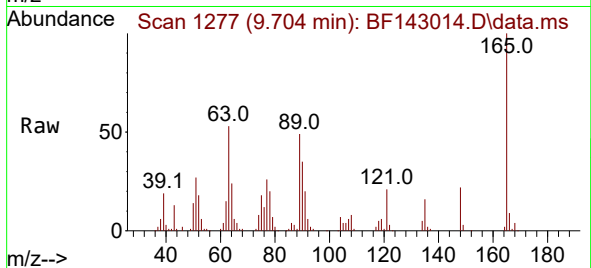




#51
2,6-Dinitrotoluene
Concen: 45.421 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

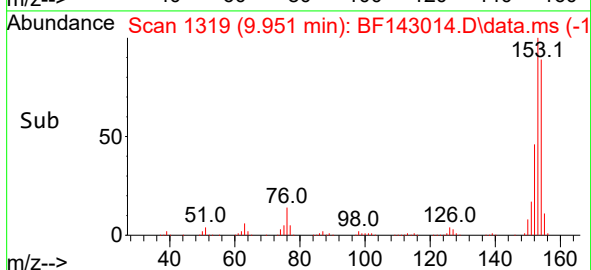
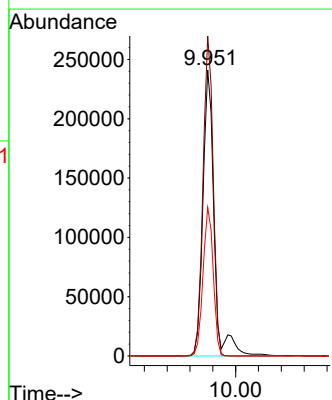
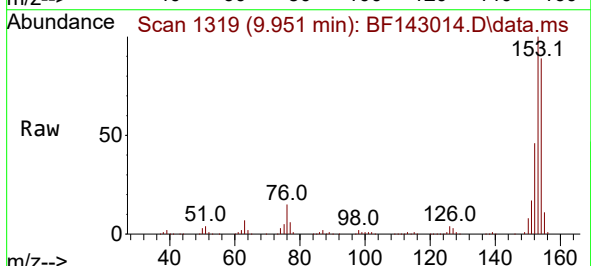
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

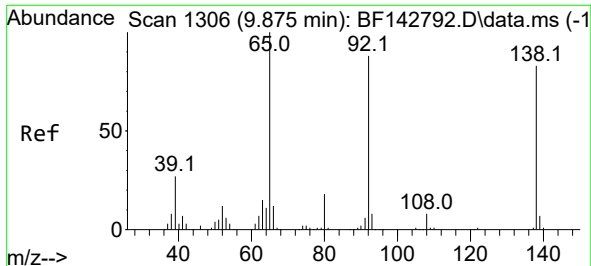
Tgt Ion:165 Resp: 80732
Ion Ratio Lower Upper
165 100
63 53.0 44.2 66.4
89 48.9 39.8 59.8



#52
Acenaphthene
Concen: 44.172 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:154 Resp: 328841
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 51.9 41.9 62.9

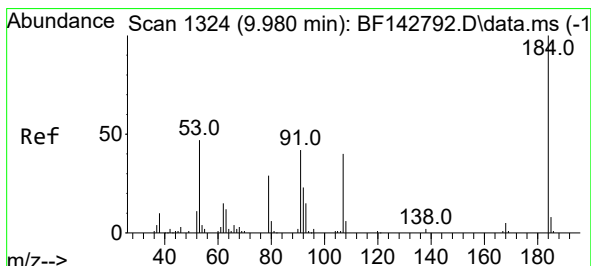
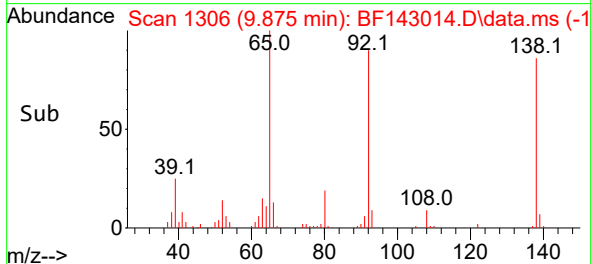
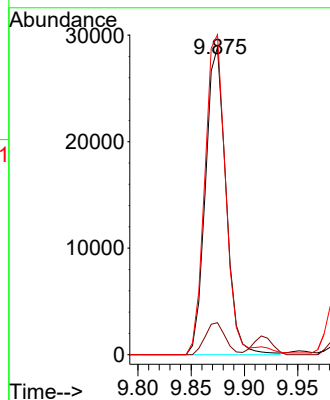
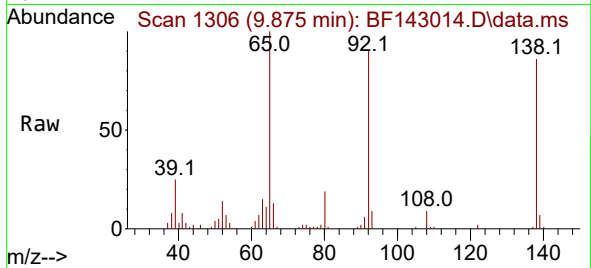




#53
3-Nitroaniline
Concen: 19.796 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

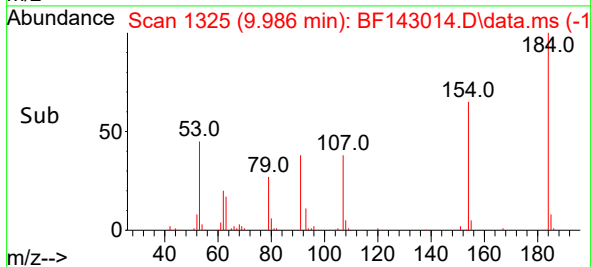
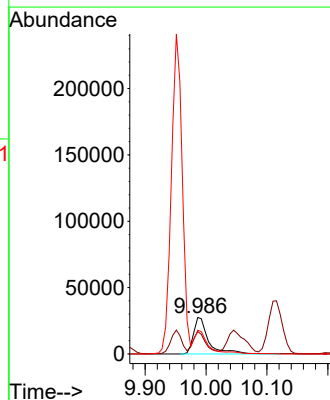
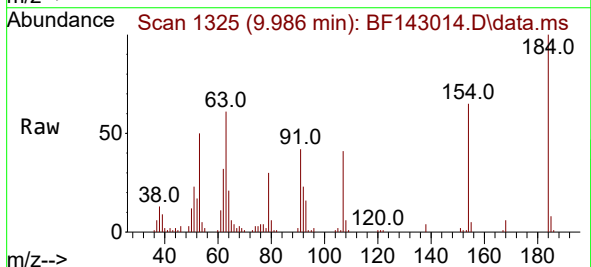
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

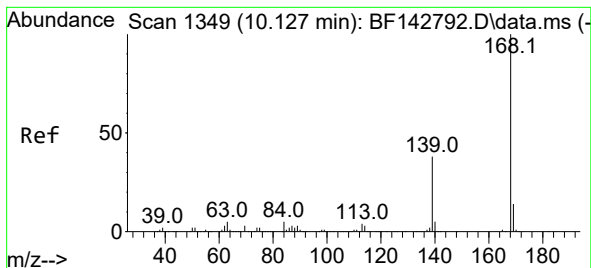
Tgt Ion:138 Resp: 38740
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 104.1 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 53.170 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:184 Resp: 47320
Ion Ratio Lower Upper
184 100
63 61.2 50.6 75.8
154 64.9 51.8 77.8





#55

Dibenzenofuran

Concen: 42.282 ng

RT: 10.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

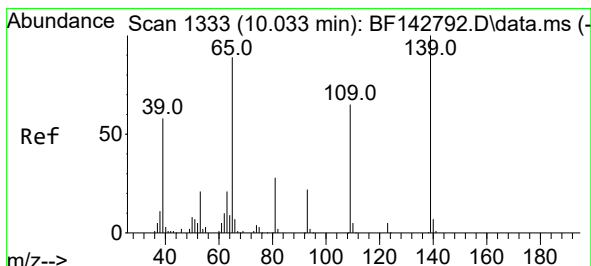
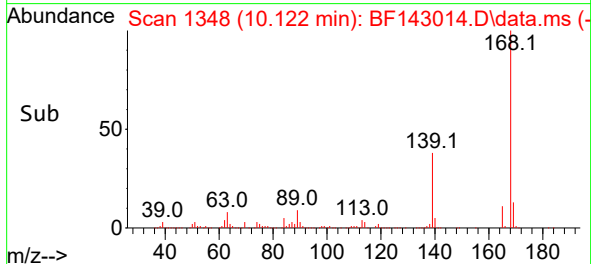
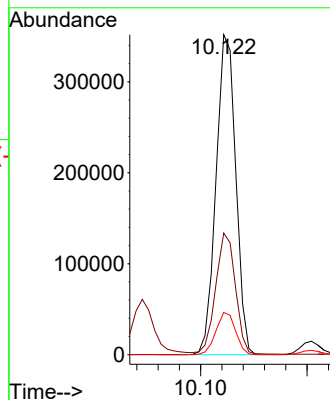
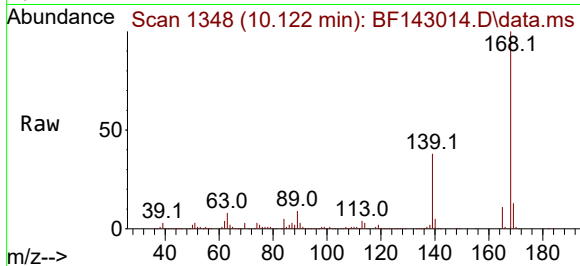
Tgt Ion:168 Resp: 451375

Ion Ratio Lower Upper

168 100

139 38.0 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 64.102 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

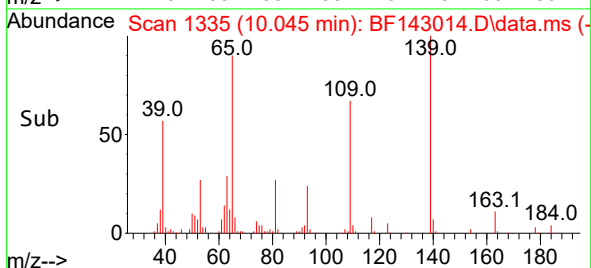
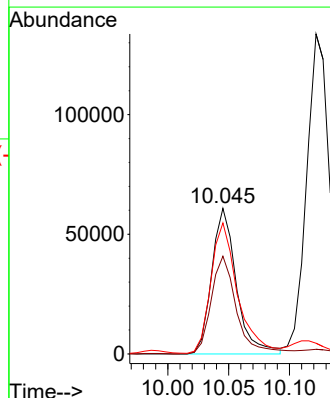
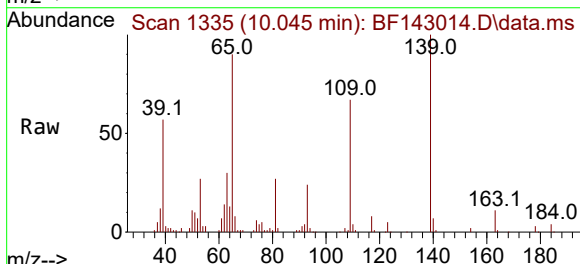
Tgt Ion:139 Resp: 85879

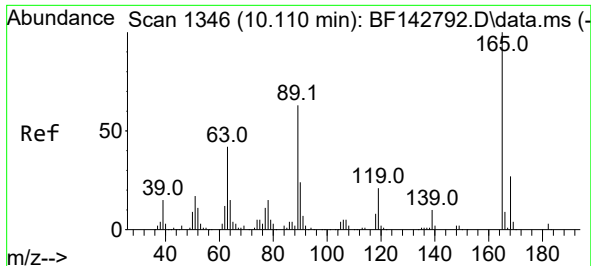
Ion Ratio Lower Upper

139 100

109 67.2 44.7 84.7

65 90.0 69.8 109.8

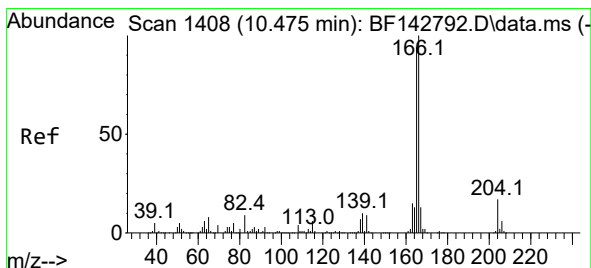
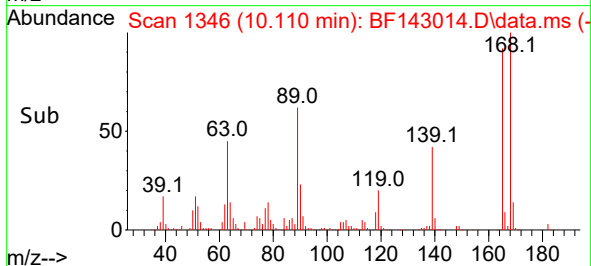
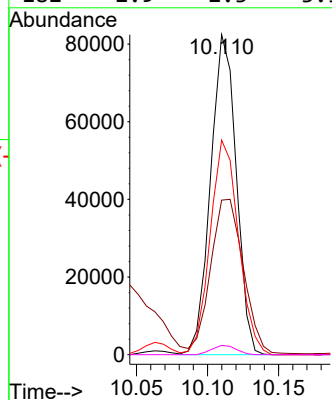
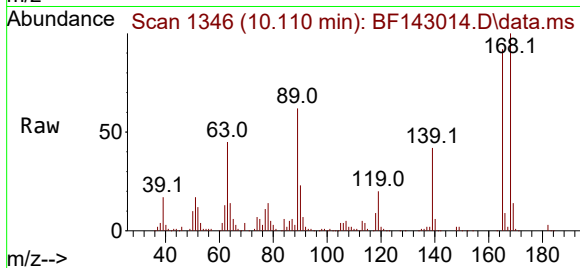




#57
2,4-Dinitrotoluene
Concen: 43.859 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

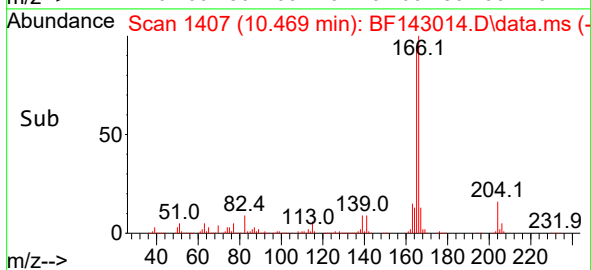
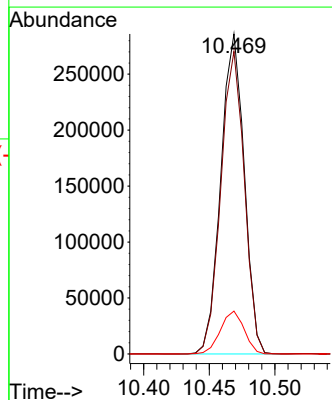
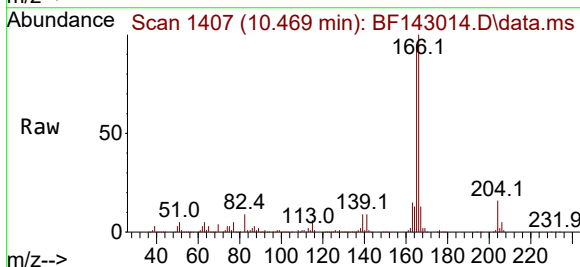
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:165 Resp: 103549
Ion Ratio Lower Upper
165 100
63 48.3 33.9 50.9
89 67.1 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.598 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:166 Resp: 355154
Ion Ratio Lower Upper
166 100
165 94.6 75.2 112.8
167 13.4 10.6 15.8

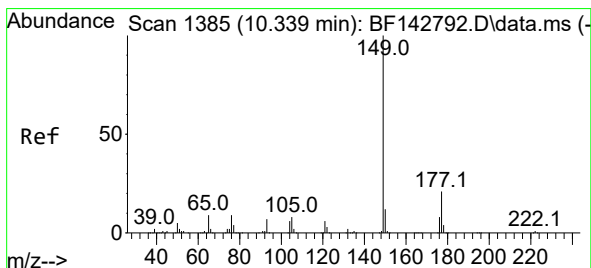
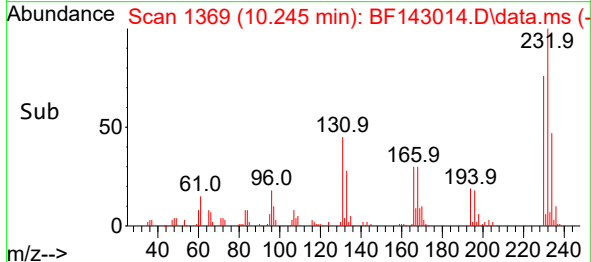
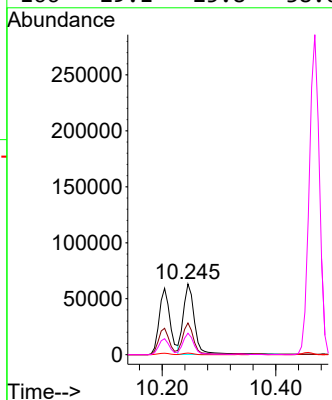
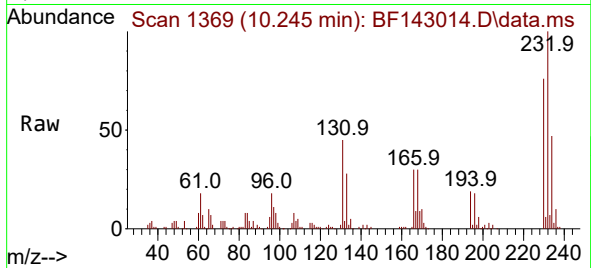




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.267 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

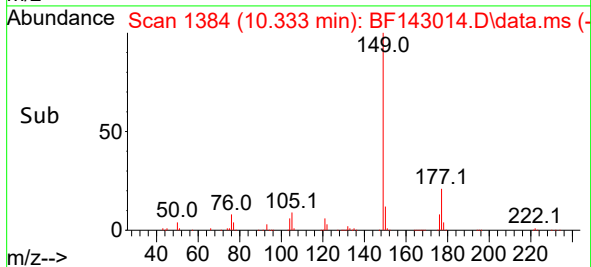
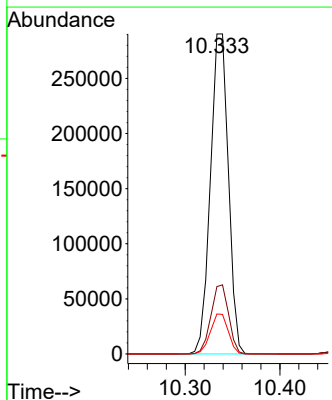
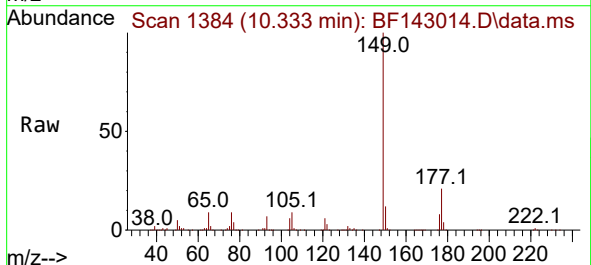
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

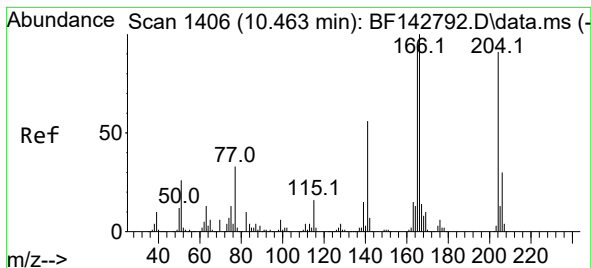
Tgt Ion:232 Resp: 86221
Ion Ratio Lower Upper
232 100
131 42.3 37.6 56.4
130 2.1 1.7 2.5
166 29.1 25.8 38.6



#60
Diethylphthalate
Concen: 48.154 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:149 Resp: 382127
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.5 9.8 14.6

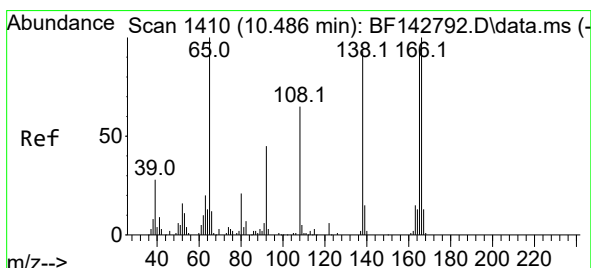
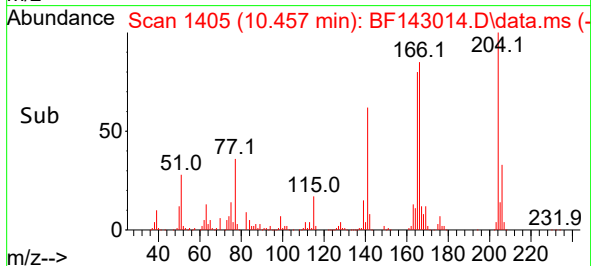
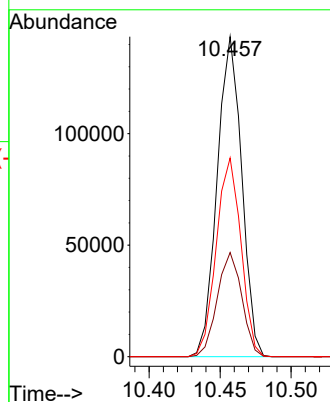
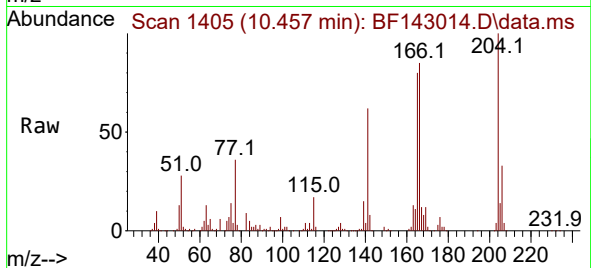




#61
4-Chlorophenyl-phenylether
Concen: 43.354 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

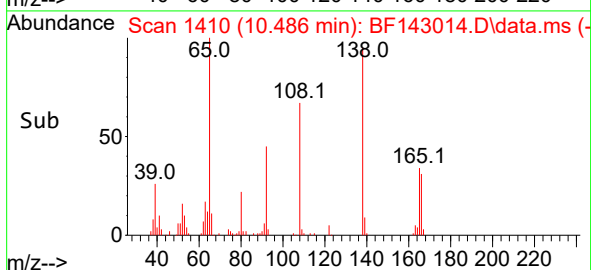
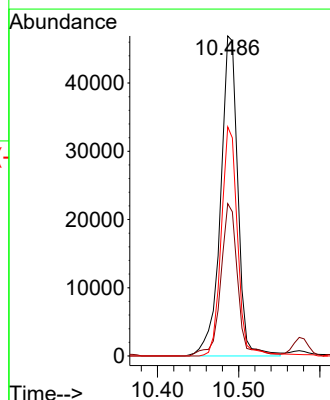
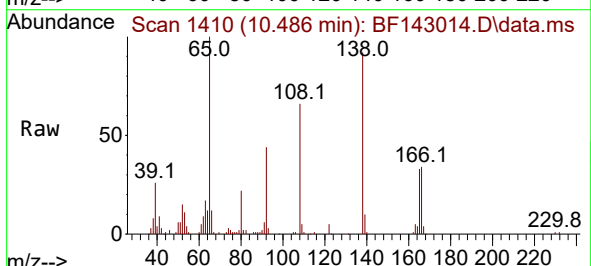
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

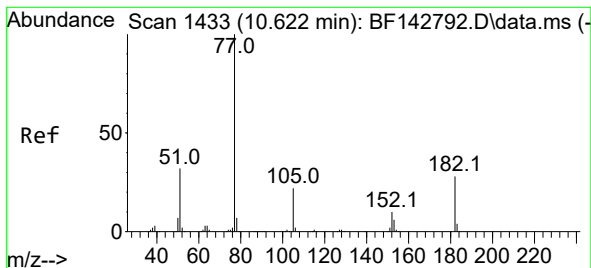
Tgt Ion:204 Resp: 172481
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.1 49.1 73.7



#62
4-Nitroaniline
Concen: 38.967 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:138 Resp: 69742
Ion Ratio Lower Upper
138 100
92 47.6 28.4 68.4
108 71.6 50.2 90.2





#63

Azobenzene

Concen: 42.455 ng

RT: 10.616 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 301114

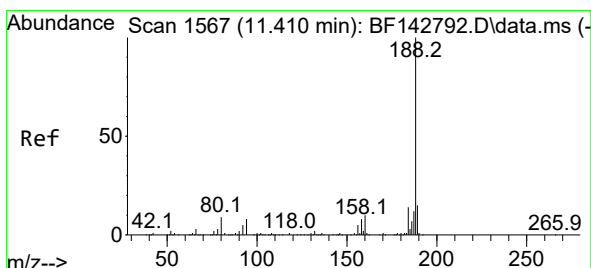
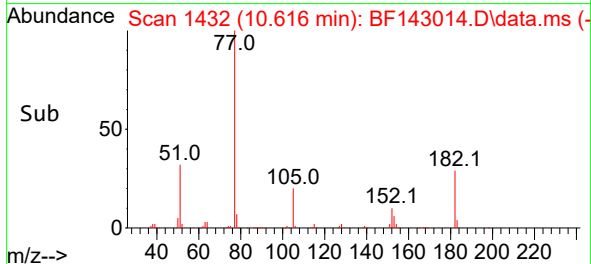
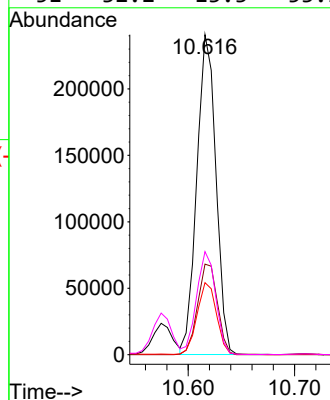
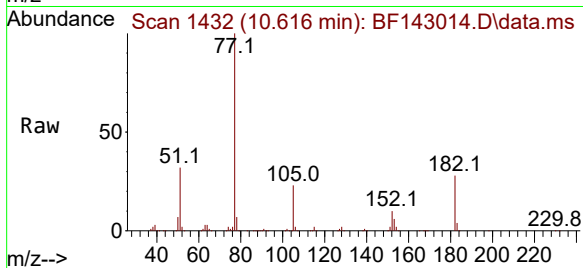
Ion Ratio Lower Upper

77 100

182 28.3 7.7 47.7

105 22.5 1.9 41.9

51 32.2 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

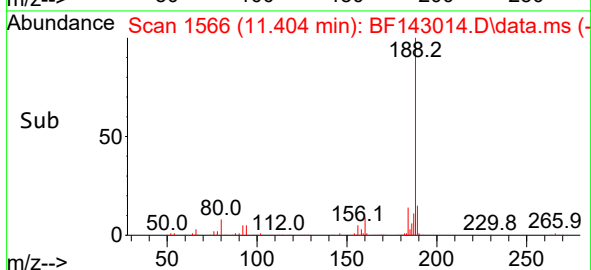
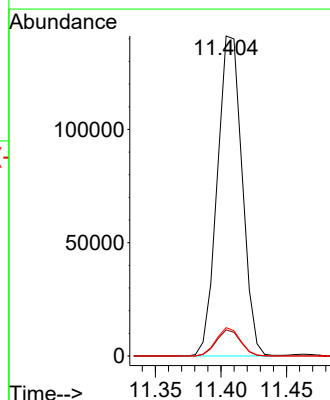
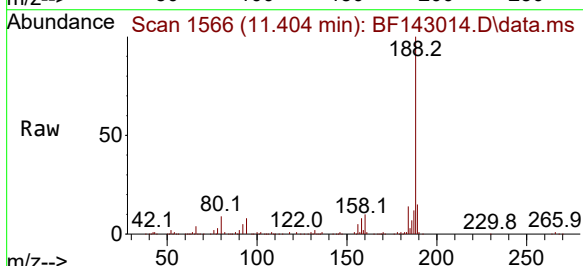
Tgt Ion: 188 Resp: 185988

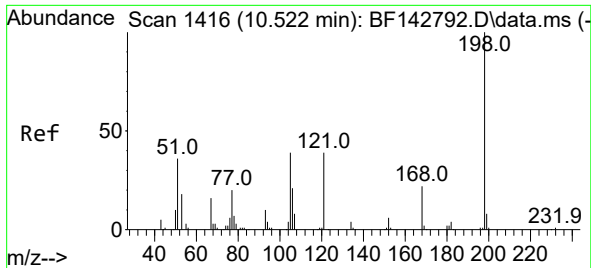
Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.9 6.9 10.3

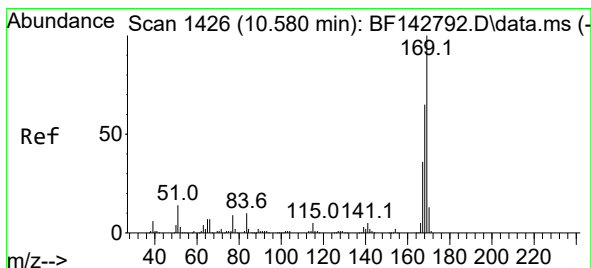
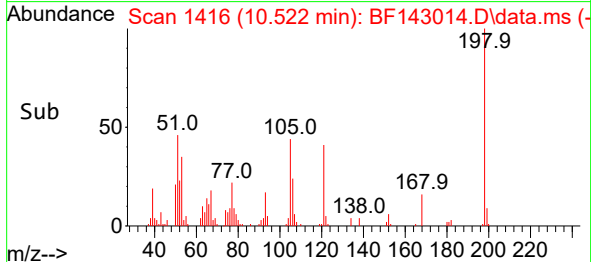
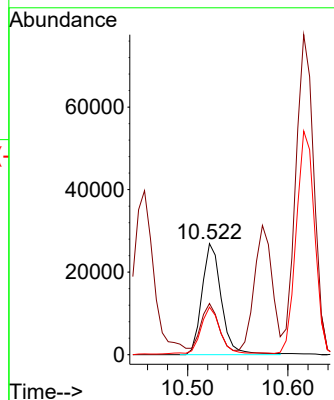
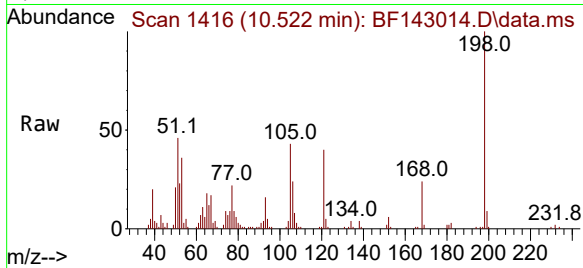




#65
4,6-Dinitro-2-methylphenol
Concen: 32.193 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

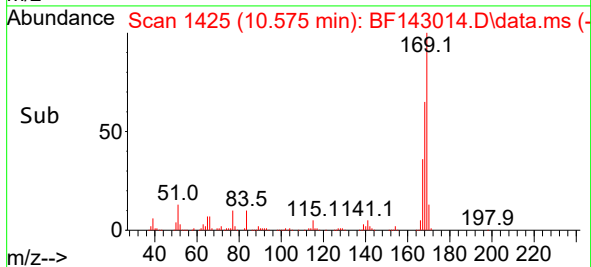
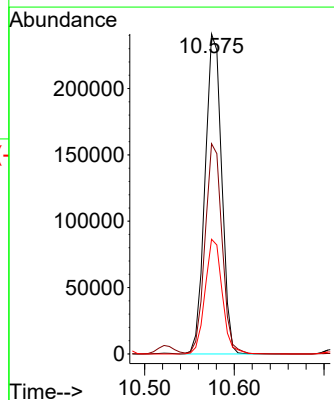
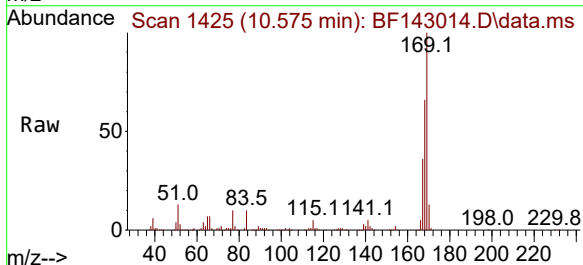
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

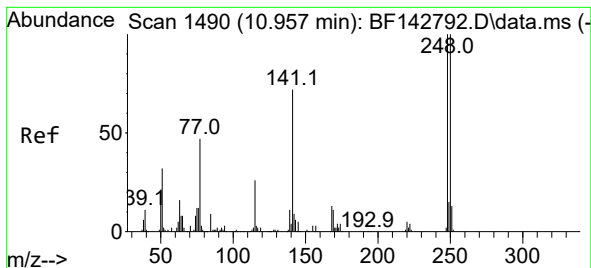
Tgt Ion:198 Resp: 36217
Ion Ratio Lower Upper
198 100
51 46.1 25.4 65.4
105 42.8 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 48.028 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:169 Resp: 309585
Ion Ratio Lower Upper
169 100
168 65.7 51.9 77.9
167 35.8 28.5 42.7

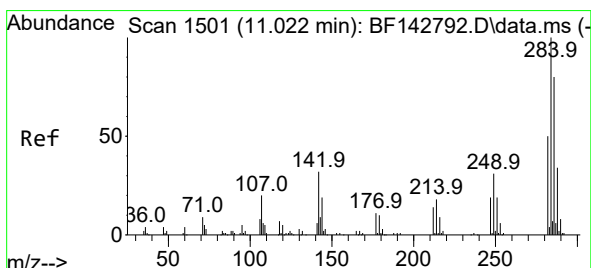
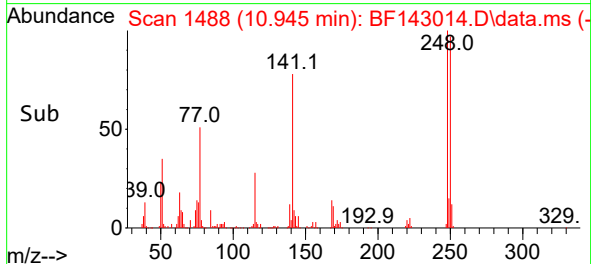
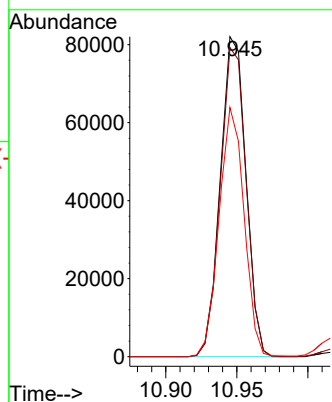
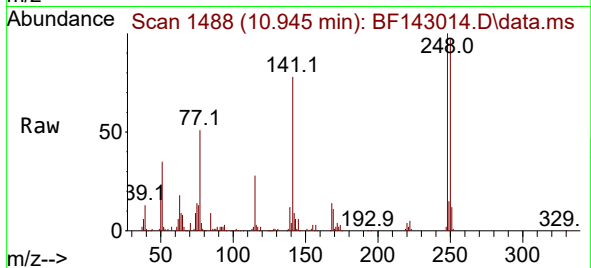




#67
4-Bromophenyl-phenylether
Concen: 48.645 ng
RT: 10.945 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

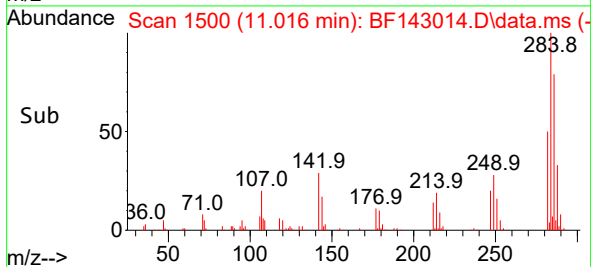
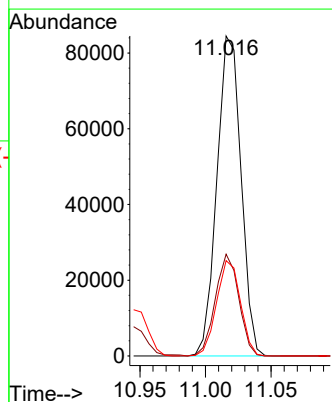
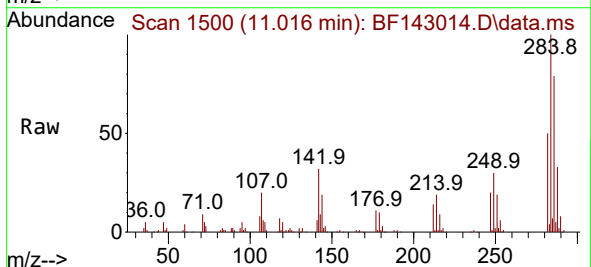
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

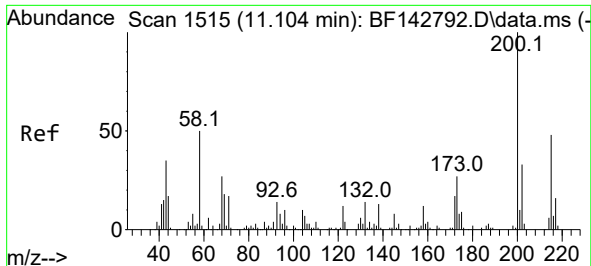
Tgt Ion:248 Resp: 102968
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 77.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.939 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:284 Resp: 108050
Ion Ratio Lower Upper
284 100
142 31.8 25.5 38.3
249 29.8 24.9 37.3

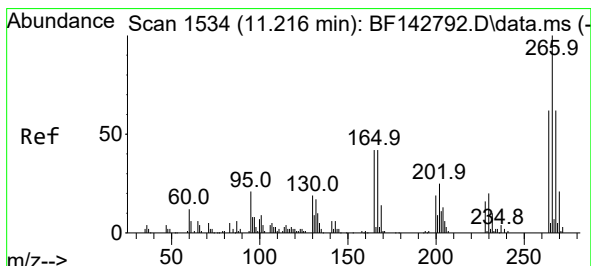
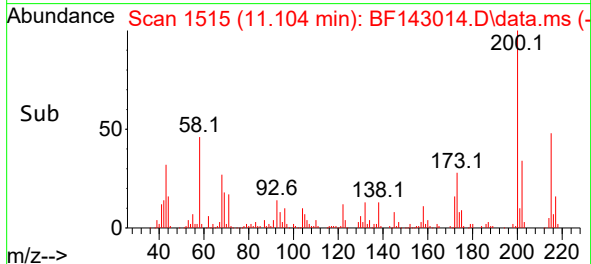
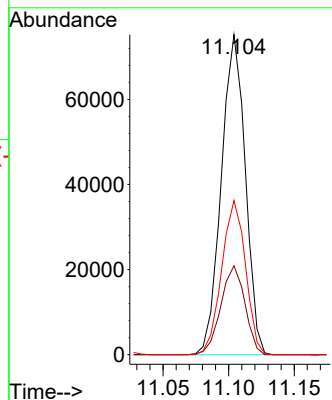
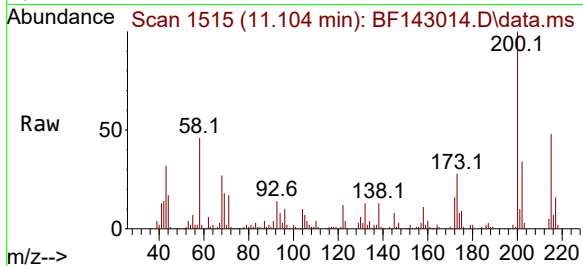




#69
 Atrazine
 Concen: 57.375 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

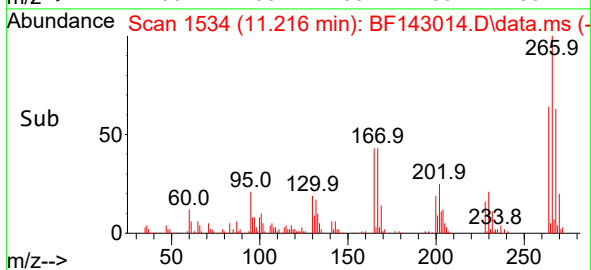
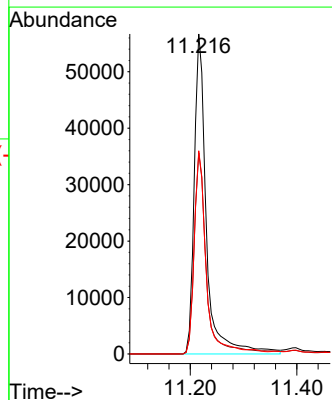
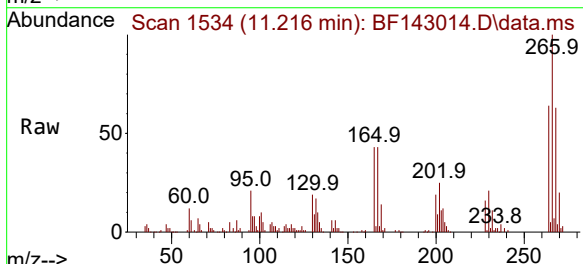
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

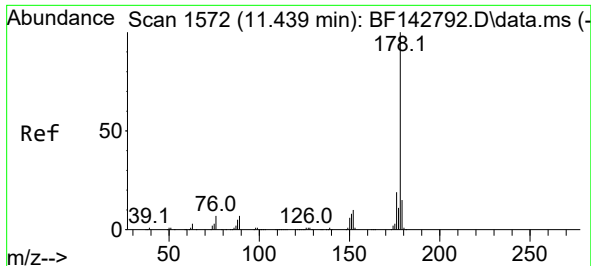
Tgt Ion:200 Resp: 95502
 Ion Ratio Lower Upper
 200 100
 173 27.8 7.4 47.4
 215 48.2 28.4 68.4



#70
 Pentachlorophenol
 Concen: 77.287 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

Tgt Ion:266 Resp: 90582
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.8
 264 63.5 49.9 74.9

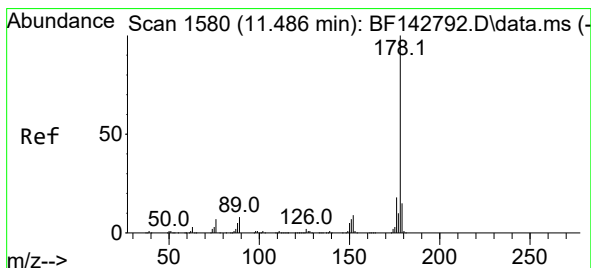
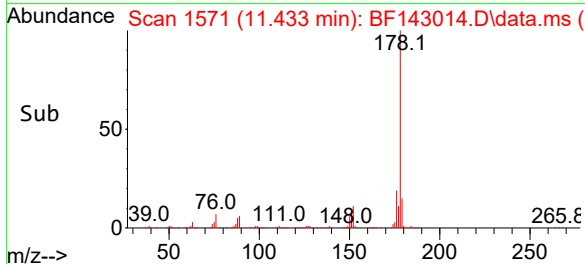
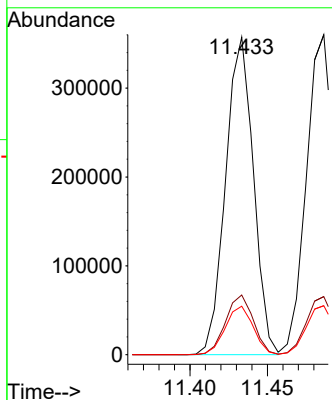
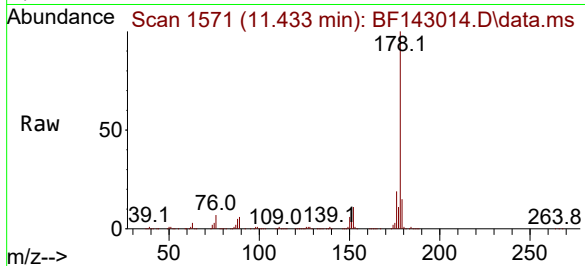




#71
Phenanthrene
Concen: 44.295 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

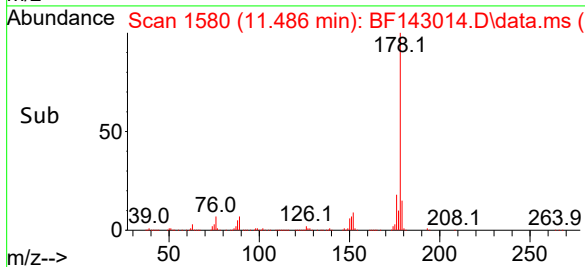
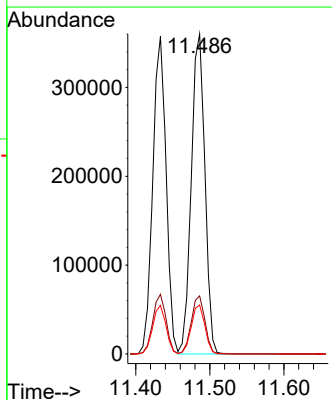
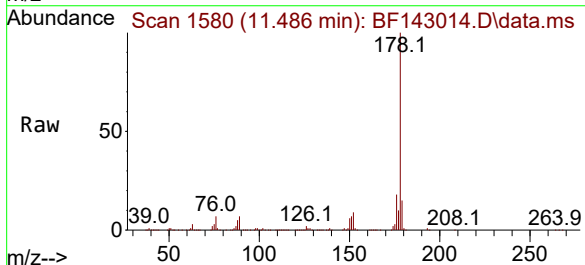
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

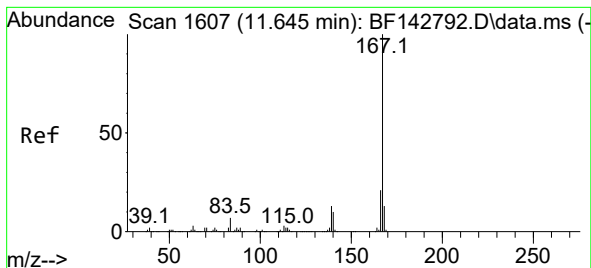
Tgt Ion:178 Resp: 446270
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 44.422 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:178 Resp: 458998
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 45.802 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

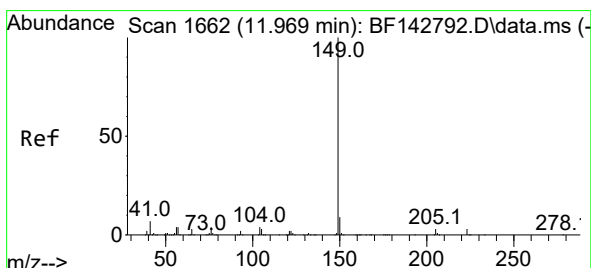
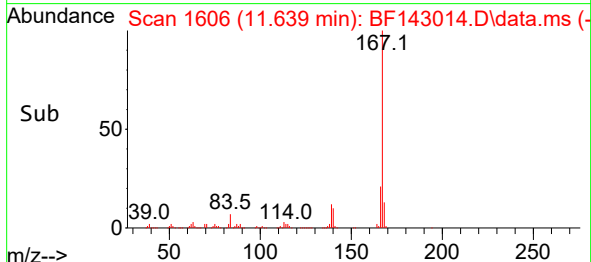
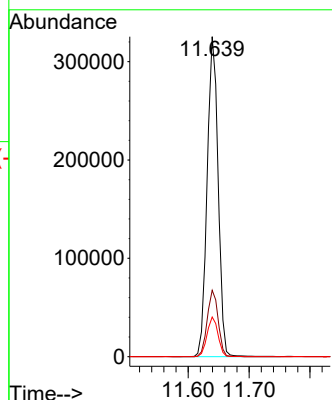
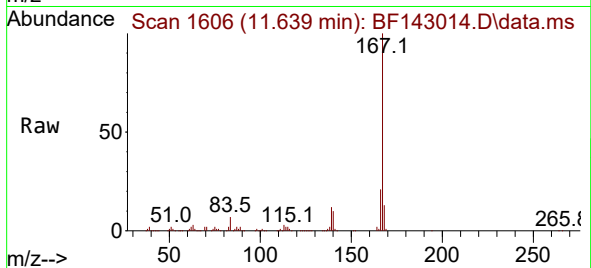
Tgt Ion:167 Resp: 408403

Ion Ratio Lower Upper

167 100

166 20.7 17.0 25.4

139 12.4 10.2 15.2



#74

Di-n-butylphthalate

Concen: 57.835 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

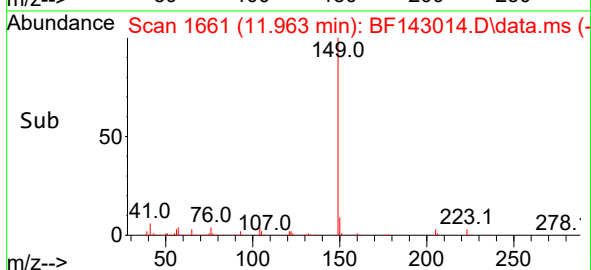
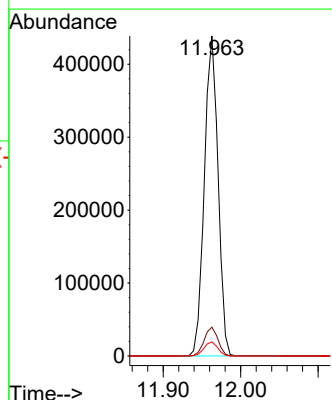
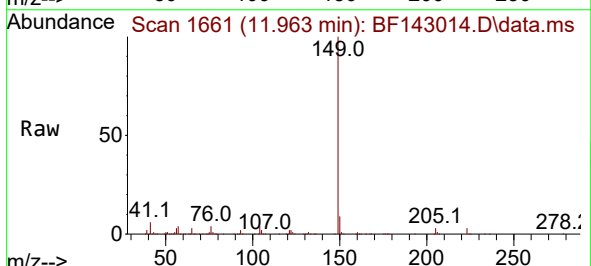
Tgt Ion:149 Resp: 537229

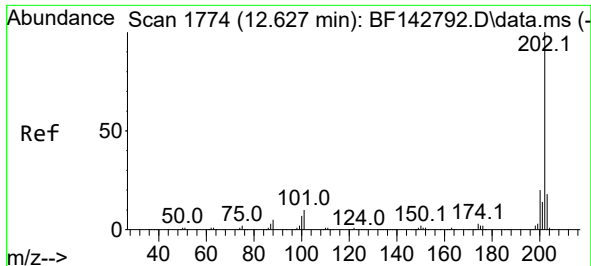
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.4 3.5 5.3

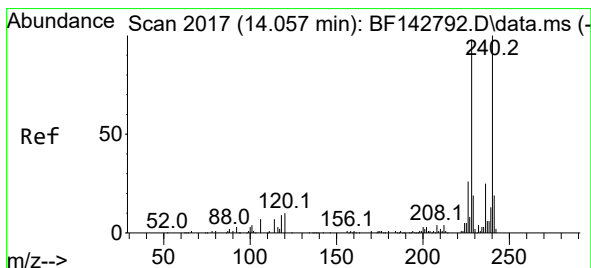
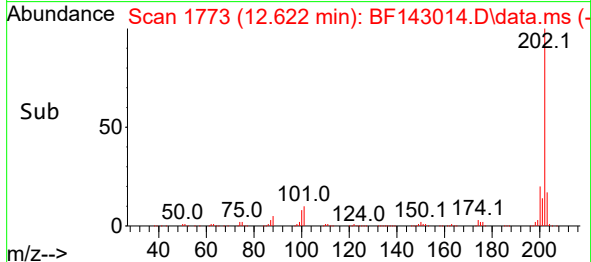
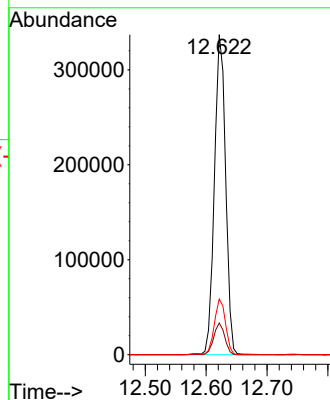
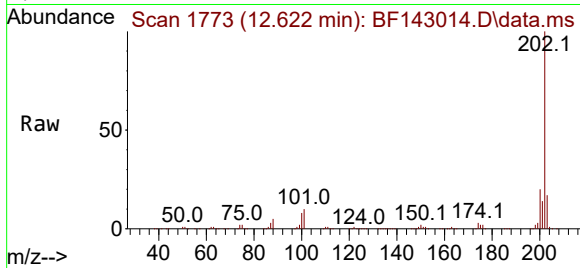




#75
Fluoranthene
Concen: 45.079 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

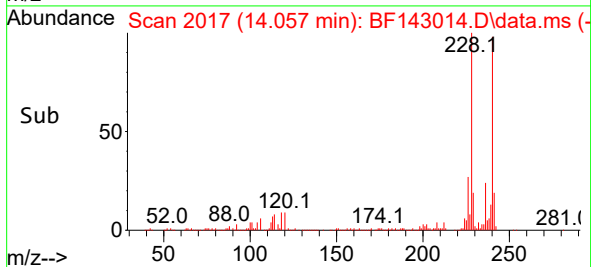
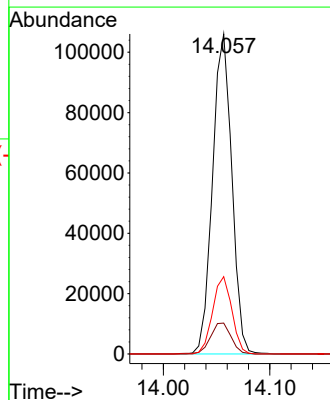
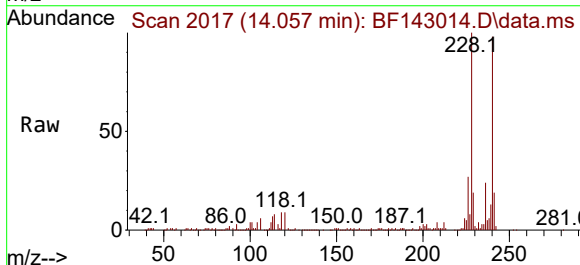
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

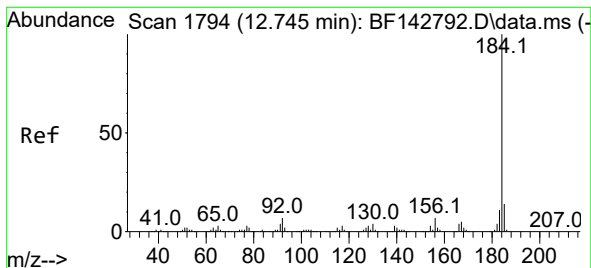
Tgt Ion:202 Resp: 431030
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:240 Resp: 133052
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.2 19.8 29.8





#77

Benzidine

Concen: 18.940 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

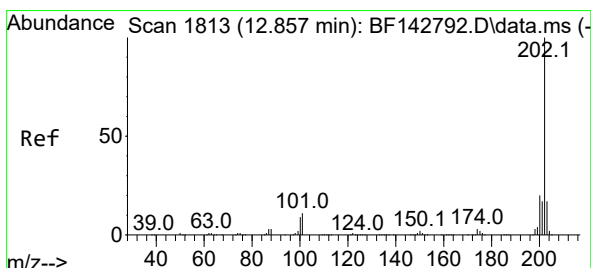
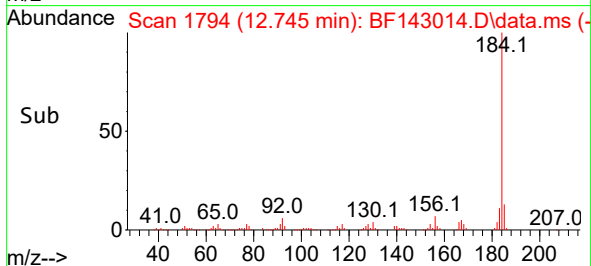
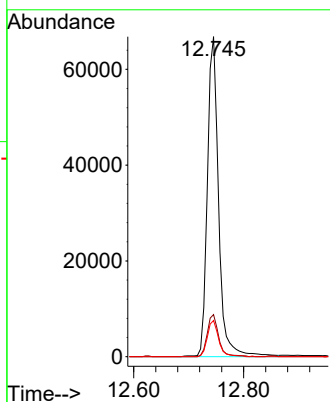
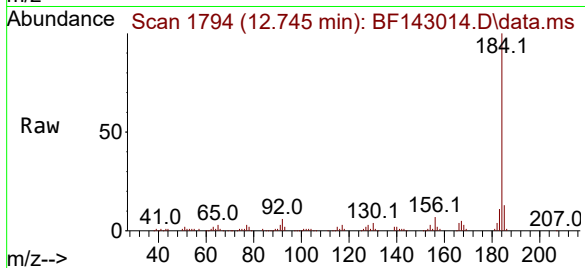
Tgt Ion:184 Resp: 94678

Ion Ratio Lower Upper

184 100

185 13.2 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 34.709 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

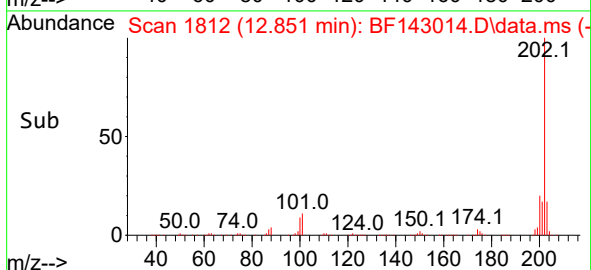
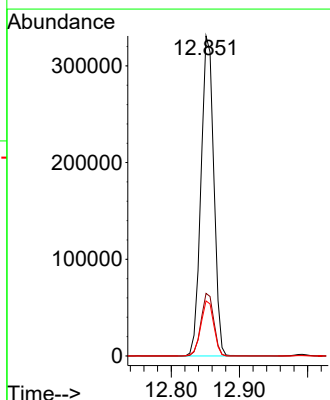
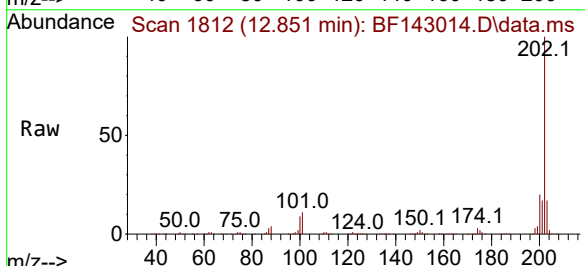
Tgt Ion:202 Resp: 432870

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.2 13.8 20.6

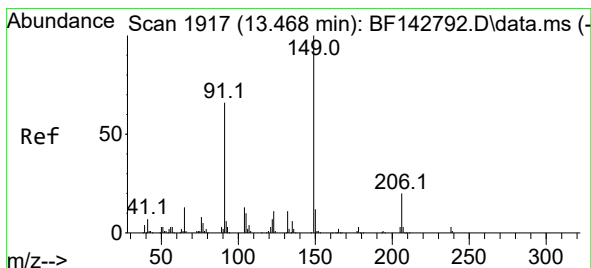
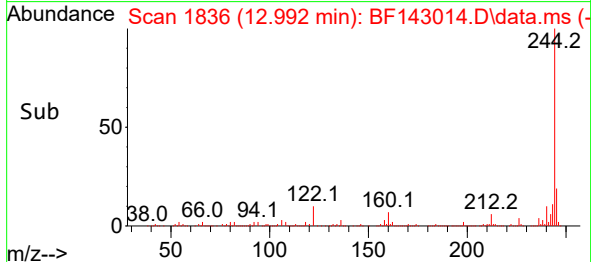
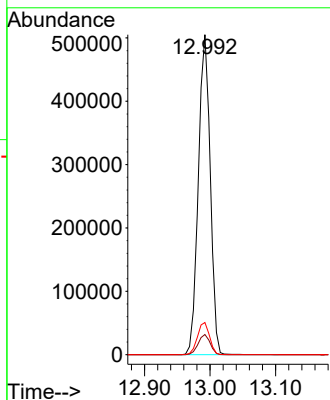
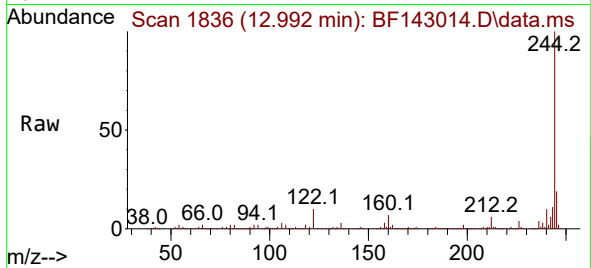




#79
 Terphenyl-d14
 Concen: 66.370 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

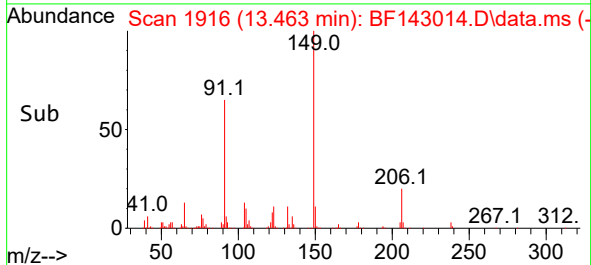
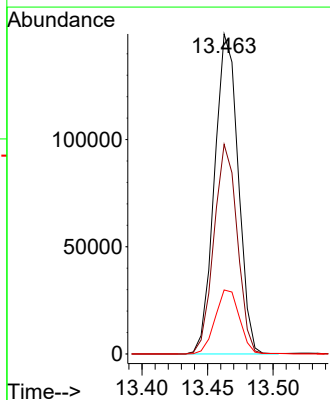
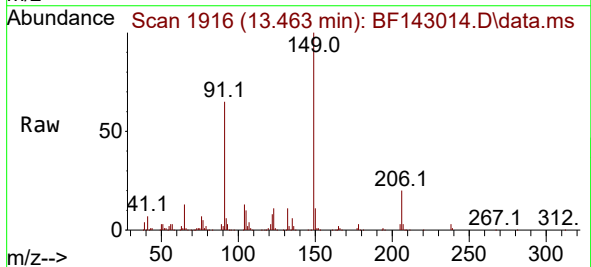
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

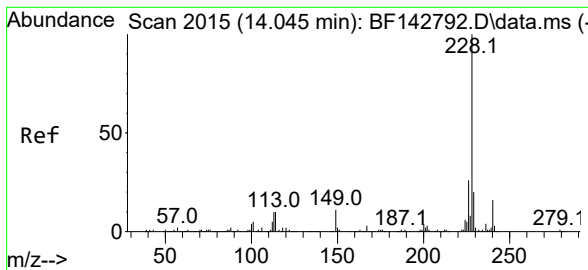
Tgt Ion:244 Resp: 639112
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.853 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

Tgt Ion:149 Resp: 187586
 Ion Ratio Lower Upper
 149 100
 91 65.5 52.9 79.3
 206 20.0 16.3 24.5

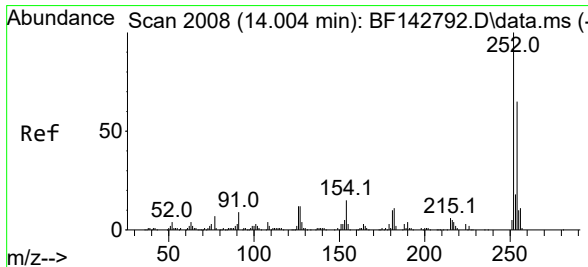
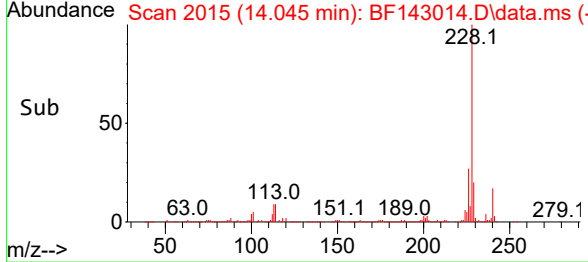
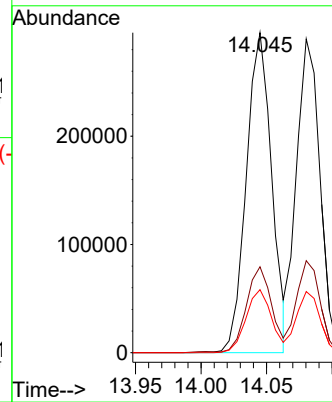
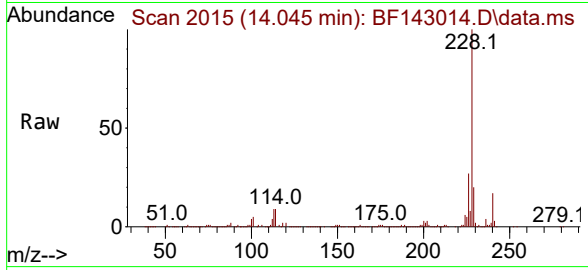




#81
Benzo(a)anthracene
Concen: 44.394 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

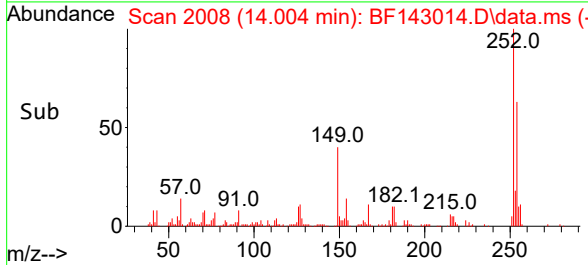
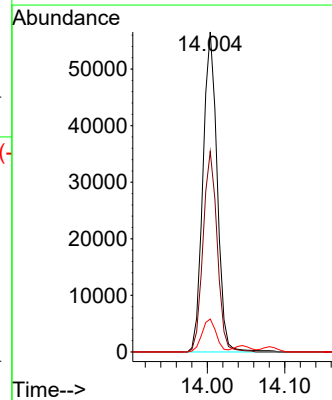
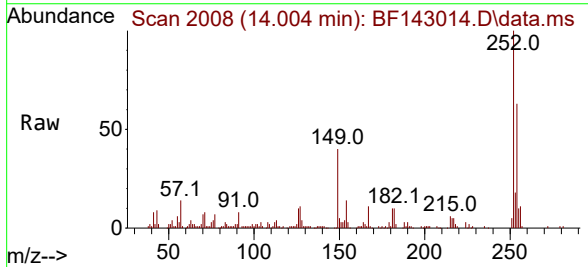
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

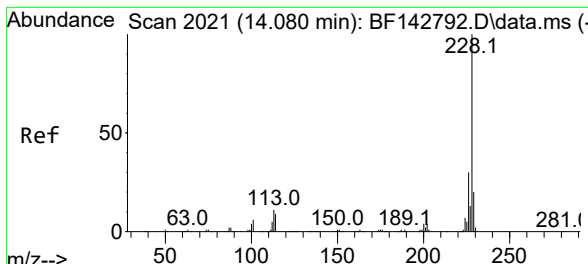
Tgt Ion:228 Resp: 398475
Ion Ratio Lower Upper
228 100
226 26.8 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 24.804 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:252 Resp: 72213
Ion Ratio Lower Upper
252 100
254 62.6 51.7 77.5
126 10.3 9.4 14.2

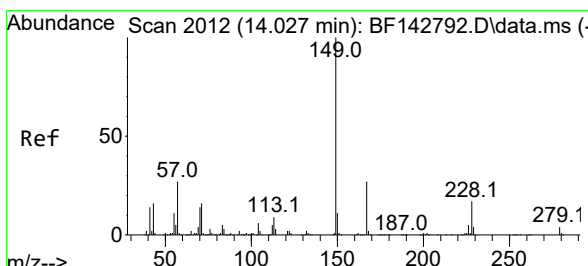
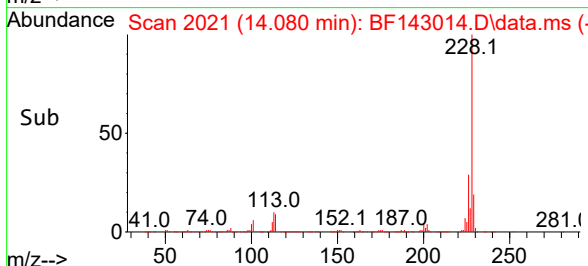
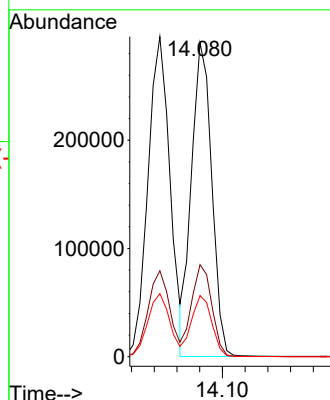
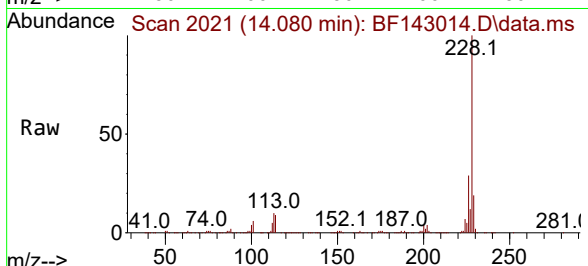




#83
 Chrysene
 Concen: 44.965 ng
 RT: 14.080 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

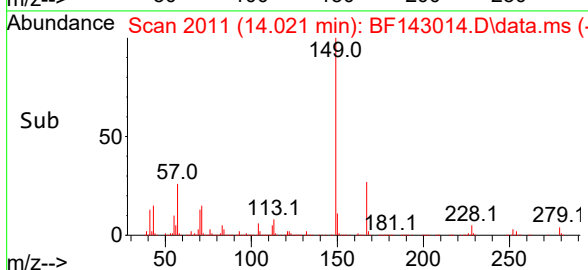
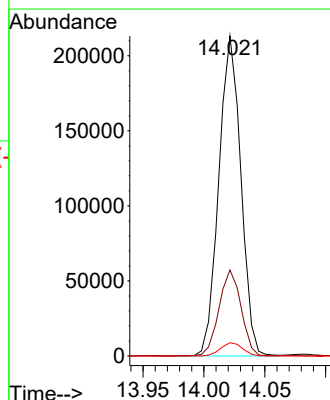
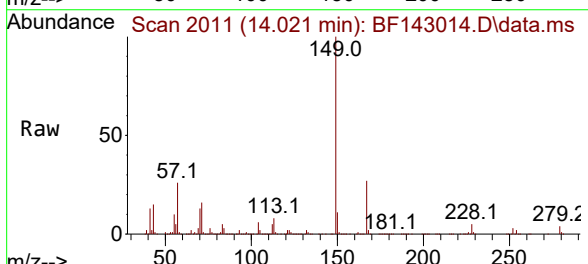
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

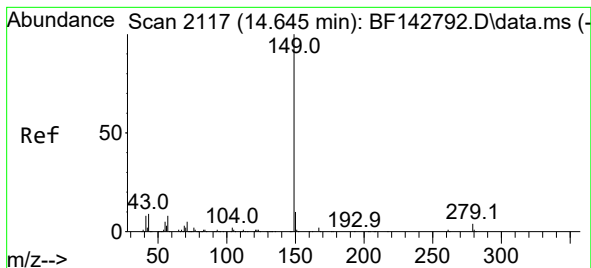
Tgt Ion:228	Resp: 360135
Ion Ratio	Lower Upper
228 100	
226 29.3	23.7 35.5
229 19.5	15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.672 ng
 RT: 14.021 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BF143014.D
 Acq: 07 Jul 2025 17:50

Tgt Ion:149	Resp: 268950
Ion Ratio	Lower Upper
149 100	
167 26.9	21.4 32.0
279 4.2	3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.192 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

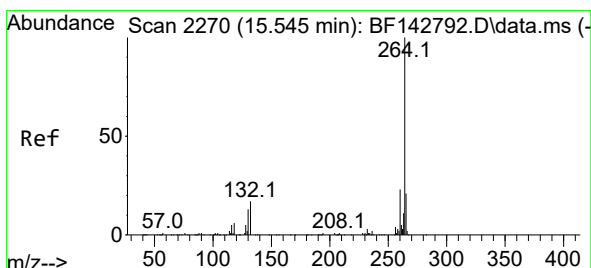
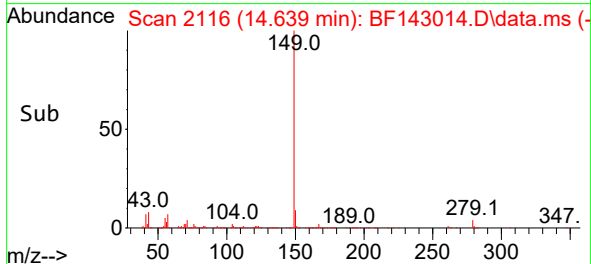
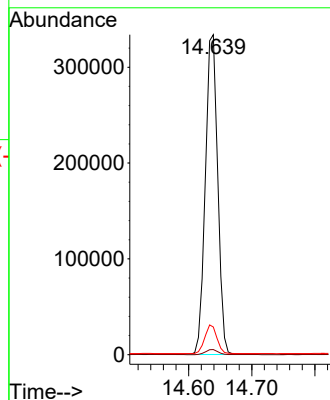
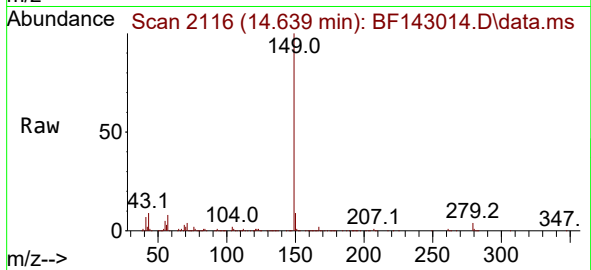
Tgt Ion:149 Resp: 453357

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

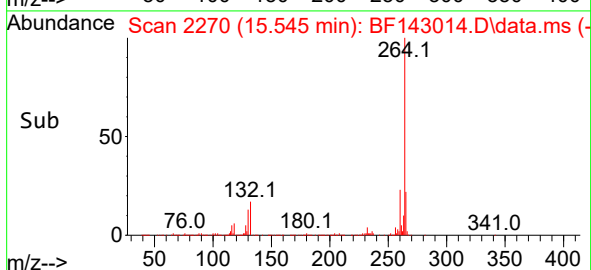
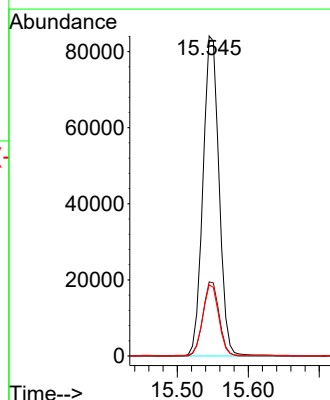
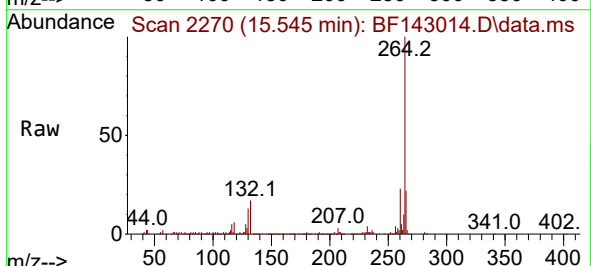
Tgt Ion:264 Resp: 132424

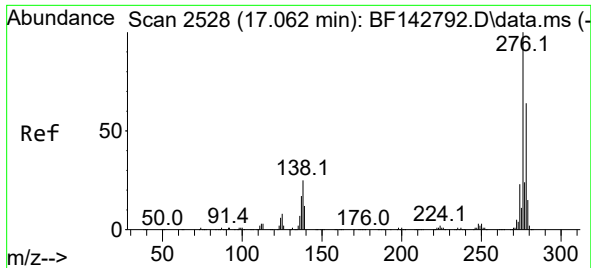
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 22.2 16.6 25.0

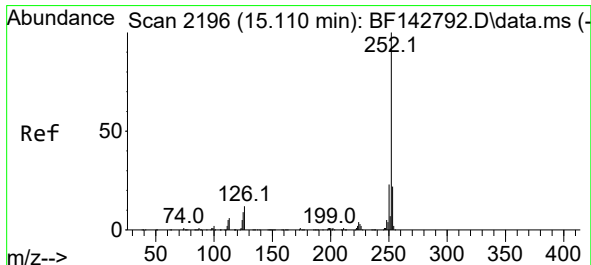
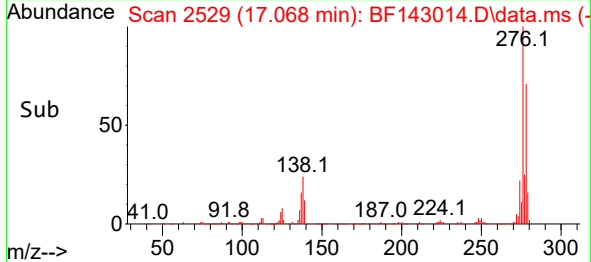
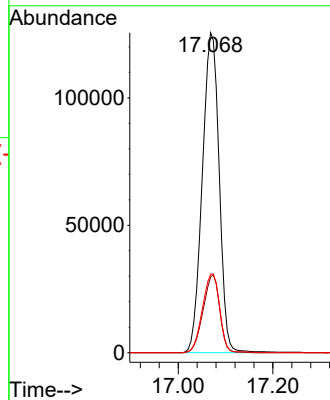
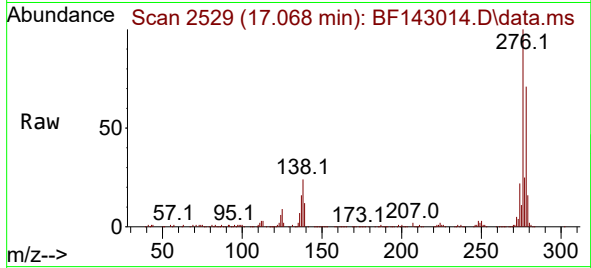




#87
Indeno(1,2,3-cd)pyrene
Concen: 30.736 ng
RT: 17.068 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

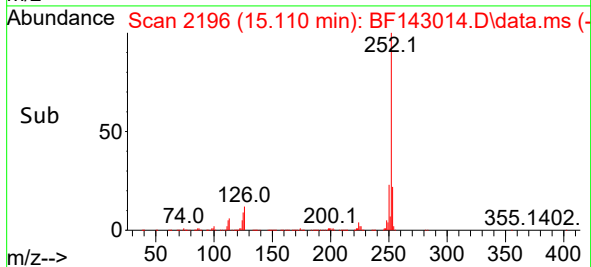
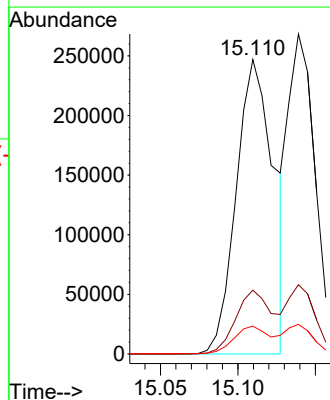
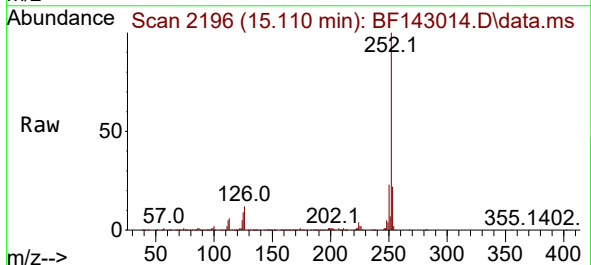
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

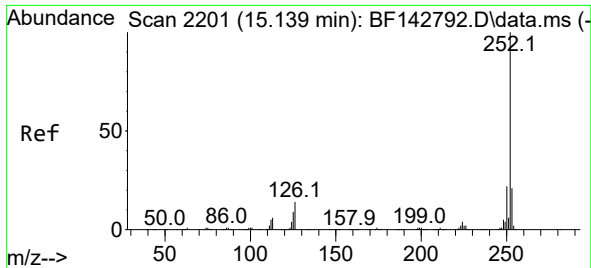
Tgt Ion:276 Resp: 310021
Ion Ratio Lower Upper
276 100
138 23.8 20.2 30.4
277 25.2 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 54.008 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:252 Resp: 413841
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 7.4 11.0

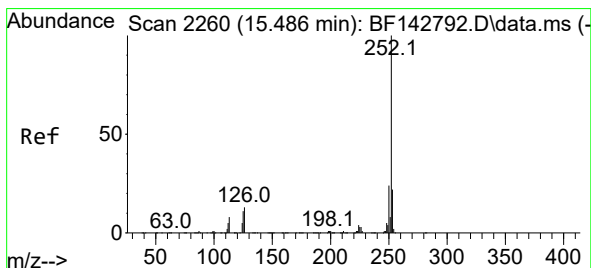
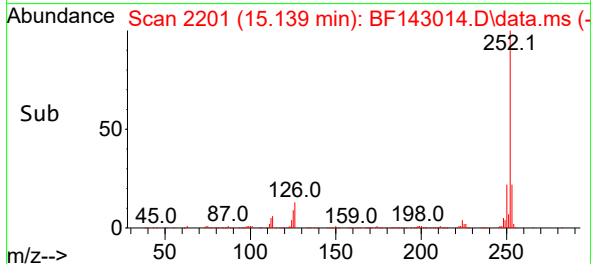
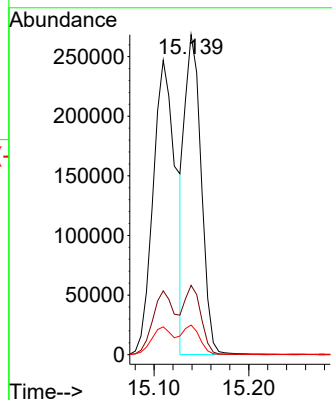
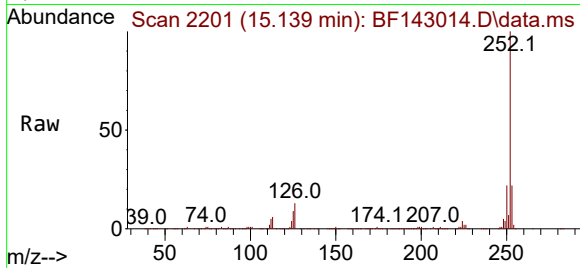




#89
Benzo(k)fluoranthene
Concen: 45.196 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

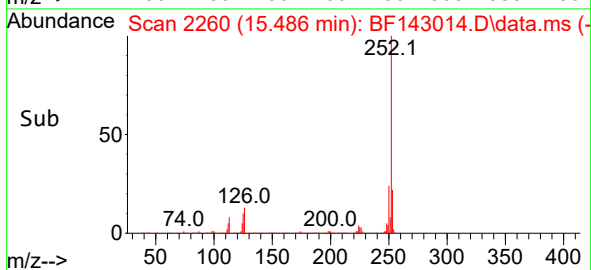
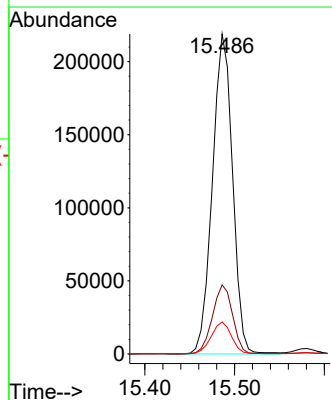
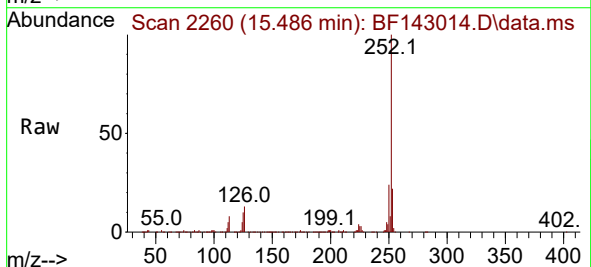
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

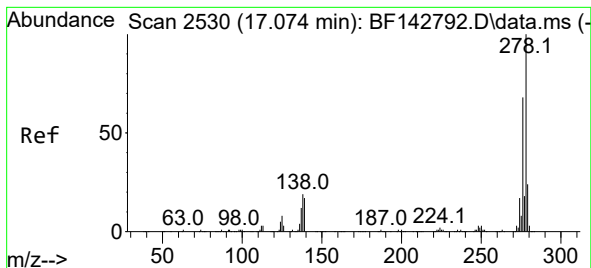
Tgt Ion:252 Resp: 324007
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.070 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143014.D
Acq: 07 Jul 2025 17:50

Tgt Ion:252 Resp: 341043
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 31.569 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

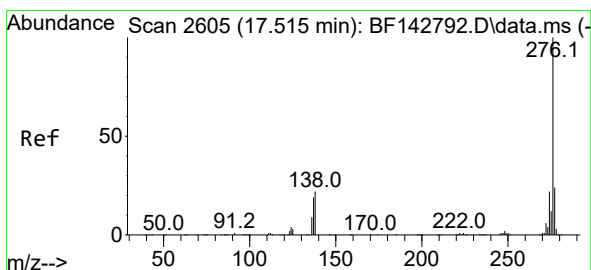
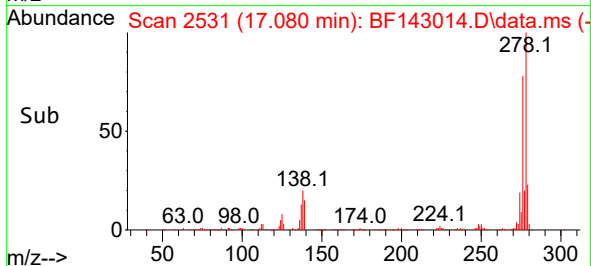
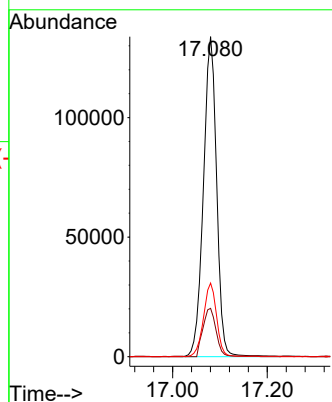
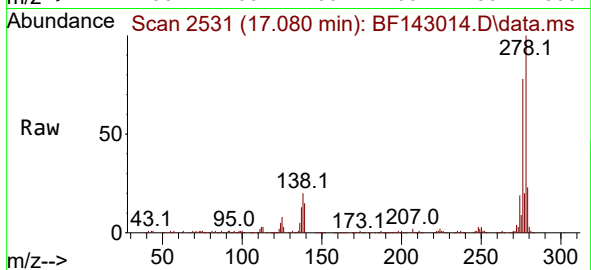
Tgt Ion:278 Resp: 258728

Ion Ratio Lower Upper

278 100

139 15.1 13.5 20.3

279 23.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 28.485 ng

RT: 17.527 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF143014.D

Acq: 07 Jul 2025 17:50

Tgt Ion:276 Resp: 232785

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 19.5 17.6 26.4

