

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143050.D
 Acq On : 09 Jul 2025 11:54
 Operator : RC/JU
 Sample : PB168737BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BS

Quant Time: Jul 09 12:15:29 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	58302	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	228077	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	121529	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	206226	20.000	ng	0.00
76) Chrysene-d12	14.057	240	108155	20.000	ng	0.00
86) Perylene-d12	15.545	264	126456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	449648	128.406	ng	0.01
7) Phenol-d6	6.510	99	531316	128.604	ng	0.00
23) Nitrobenzene-d5	7.440	82	334645	80.480	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	173308	138.578	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	744829	80.513	ng	-0.01
79) Terphenyl-d14	12.992	244	658375	84.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	50294	35.908	ng	98
3) Pyridine	3.481	79	136499	38.874	ng	96
4) n-Nitrosodimethylamine	3.440	42	73847	40.670	ng	98
6) Aniline	6.534	93	188534	34.296	ng	# 65
8) 2-Chlorophenol	6.657	128	168543	44.619	ng	99
9) Benzaldehyde	6.422	77	108014	44.068	ng	100
10) Phenol	6.528	94	199506	43.443	ng	75
11) bis(2-Chloroethyl)ether	6.604	93	147349	44.893	ng	97
12) 1,3-Dichlorobenzene	6.810	146	183182	43.361	ng	99
13) 1,4-Dichlorobenzene	6.893	146	185779	43.587	ng	99
14) 1,2-Dichlorobenzene	7.040	146	175552	43.424	ng	98
15) Benzyl Alcohol	7.016	79	135160	45.253	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	212911	40.375	ng	80
17) 2-Methylphenol	7.134	107	127680	44.603	ng	95
18) Hexachloroethane	7.381	117	66815	44.817	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	109219	45.454	ng	96
20) 3+4-Methylphenols	7.287	107	164295	46.032	ng	98
22) Acetophenone	7.281	105	224694	44.675	ng	100
24) Nitrobenzene	7.457	77	161798	42.991	ng	99
25) Isophorone	7.698	82	294629	44.170	ng	100
26) 2-Nitrophenol	7.775	139	94009	45.855	ng	98
27) 2,4-Dimethylphenol	7.810	122	148603	41.846	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	185475	43.737	ng	100
29) 2,4-Dichlorophenol	8.022	162	144105	44.754	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	152029	42.938	ng	99
31) Naphthalene	8.181	128	486485	43.576	ng	100
32) Benzoic acid	7.945	122	75951	41.962	ng	96
33) 4-Chloroaniline	8.228	127	118697	26.148	ng	99
34) Hexachlorobutadiene	8.292	225	95154	43.935	ng	99
35) Caprolactam	8.610	113	26713	31.439	ng	90
36) 4-Chloro-3-methylphenol	8.716	107	144951	45.296	ng	99
37) 2-Methylnaphthalene	8.869	142	304530	43.999	ng	100
38) 1-Methylnaphthalene	8.969	142	316070	44.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	157840	44.017	ng	98
41) Hexachlorocyclopentadiene	9.022	237	151098	74.252	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	98098	41.982	ng	99

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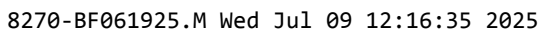
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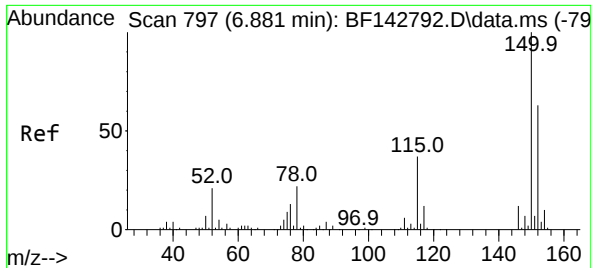
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	104512	42.489	ng	98
46) 1,1'-Biphenyl	9.334	154	429404	44.729	ng	99
47) 2-Chloronaphthalene	9.363	162	313651	43.537	ng	99
48) 2-Nitroaniline	9.463	65	89915	44.518	ng	95
49) Acenaphthylene	9.781	152	524170	44.198	ng	99
50) Dimethylphthalate	9.639	163	366959	46.648	ng	100
51) 2,6-Dinitrotoluene	9.704	165	80555	46.629	ng	98
52) Acenaphthene	9.951	154	299759	41.427	ng	99
53) 3-Nitroaniline	9.875	138	58083	30.537	ng	99
54) 2,4-Dinitrophenol	9.992	184	78340	90.563	ng	95
55) Dibenzofuran	10.122	168	463528	44.673	ng	100
56) 4-Nitrophenol	10.045	139	95638	73.445	ng	97
57) 2,4-Dinitrotoluene	10.110	165	107991	47.060	ng	94
58) Fluorene	10.469	166	368742	45.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	91493	46.145	ng	92
60) Diethylphthalate	10.339	149	361272	46.839	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	176041	45.525	ng	99
62) 4-Nitroaniline	10.492	138	77682	44.655	ng	97
63) Azobenzene	10.616	77	310675	45.067	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	55980	44.878	ng	99
66) n-Nitrosodiphenylamine	10.575	169	317396	44.408	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106772	45.492	ng	97
68) Hexachlorobenzene	11.016	284	118369	45.388	ng	99
69) Atrazine	11.104	200	92623	50.184	ng	99
70) Pentachlorophenol	11.216	266	93964	72.305	ng	99
71) Phenanthrene	11.433	178	490556	43.912	ng	99
72) Anthracene	11.486	178	506842	44.238	ng	100
73) Carbazole	11.639	167	437258	44.225	ng	99
74) Di-n-butylphthalate	11.963	149	498833	48.431	ng	100
75) Fluoranthene	12.622	202	465293	43.887	ng	100
77) Benzidine	12.745	184	162907	40.090	ng	99
78) Pyrene	12.851	202	458140	45.191	ng	100
80) Butylbenzylphthalate	13.463	149	144006	48.970	ng	97
81) Benzo(a)anthracene	14.045	228	324209	44.435	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	58933	24.902	ng	99
83) Chrysene	14.080	228	287397	44.143	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	203388	48.071	ng	100
85) Di-n-octyl phthalate	14.633	149	387425	48.561	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	410298	42.597	ng	99
88) Benzo(b)fluoranthene	15.110	252	316328	43.230	ng	100
89) Benzo(k)fluoranthene	15.139	252	324795	47.444	ng	99
90) Benzo(a)pyrene	15.486	252	319058	45.135	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	332637	42.503	ng	98
92) Benzo(g,h,i)perylene	17.533	276	327253	41.934	ng	98

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

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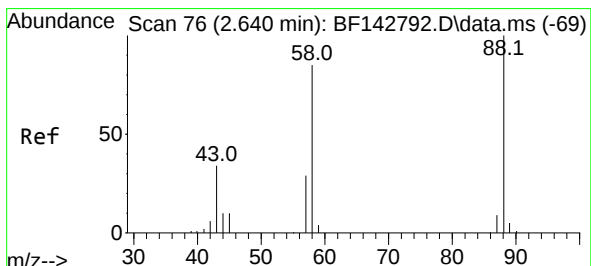
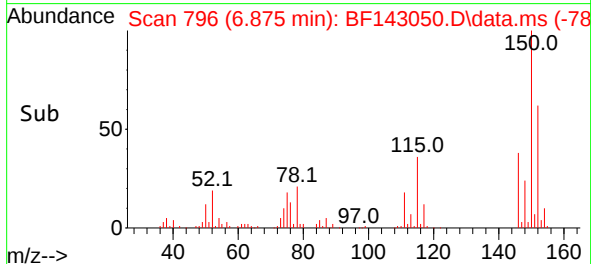
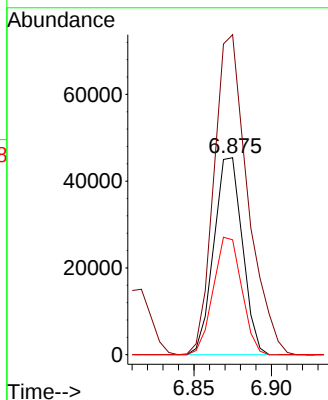
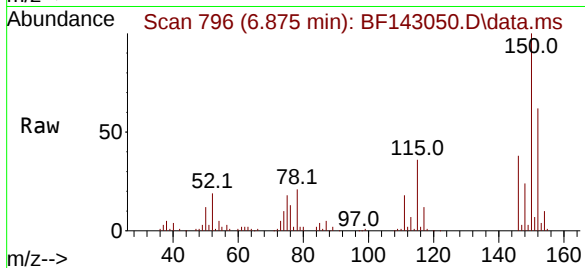




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

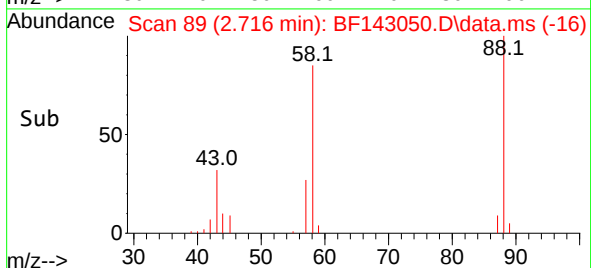
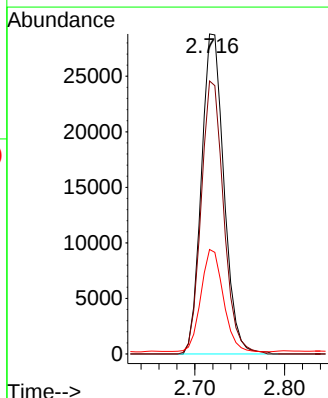
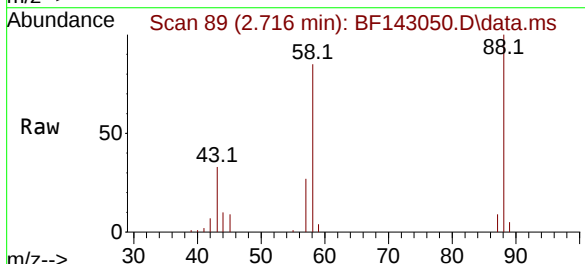
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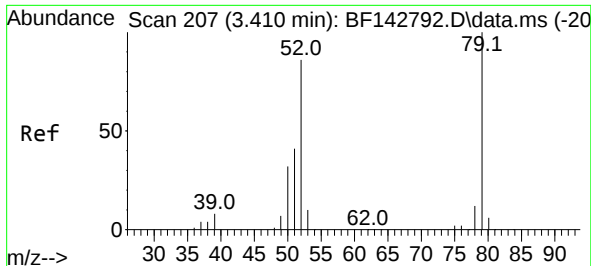
Tgt Ion:152 Resp: 58302
 Ion Ratio Lower Upper
 152 100
 150 162.5 127.2 190.8
 115 58.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.908 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.077 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Tgt Ion: 88 Resp: 50294
 Ion Ratio Lower Upper
 88 100
 58 85.1 69.1 103.7
 43 31.8 27.4 41.2

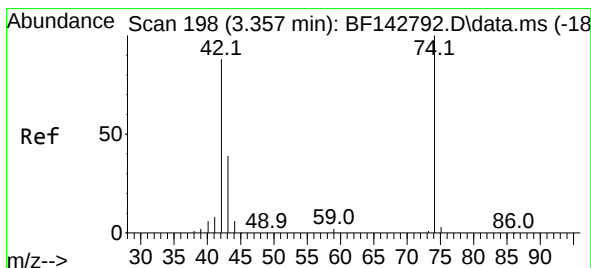
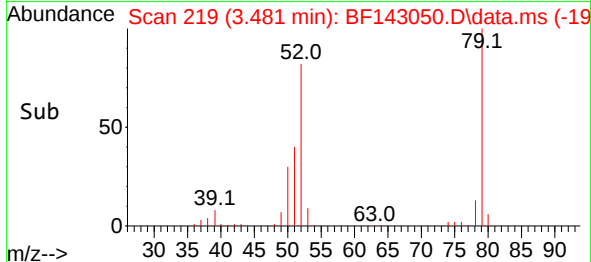
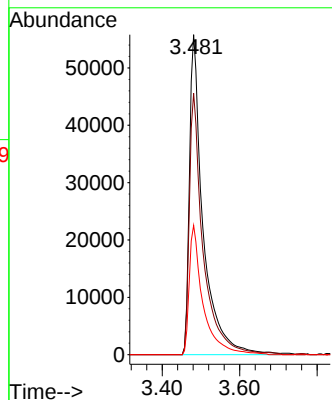
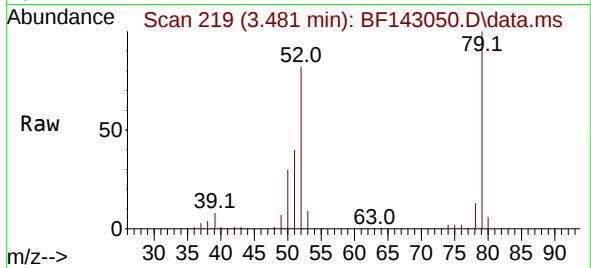




#3
Pyridine
Concen: 38.874 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

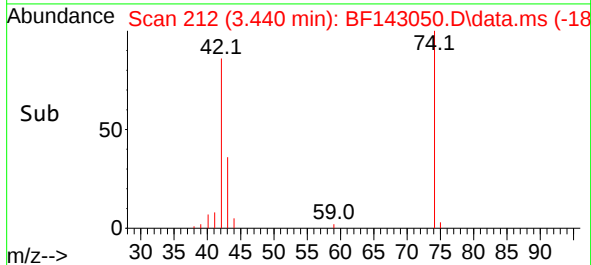
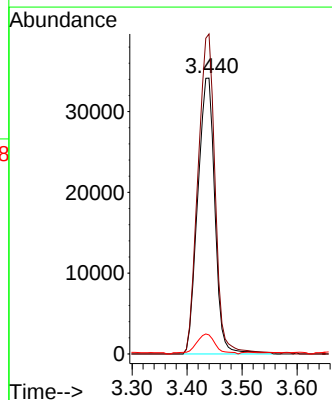
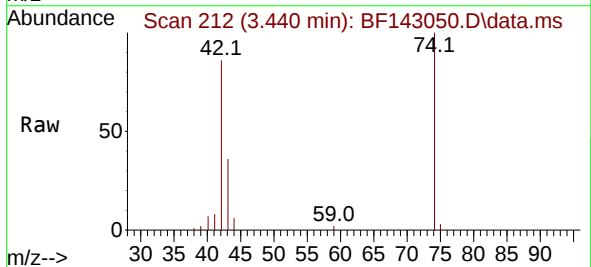
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ClientSampleId :
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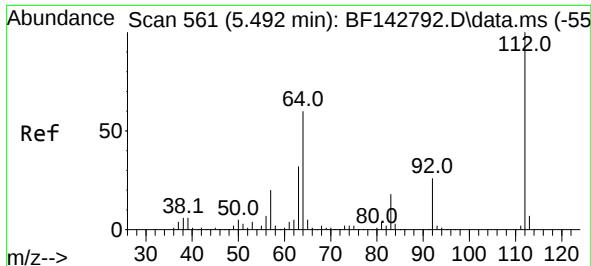
Tgt Ion: 79 Resp: 136499
Ion Ratio Lower Upper
79 100
52 81.7 69.2 103.8
51 40.4 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.670 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.083 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion: 42 Resp: 73847
Ion Ratio Lower Upper
42 100
74 116.0 90.9 136.3
44 6.9 5.8 8.6

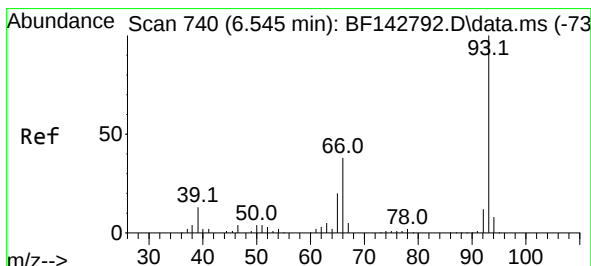
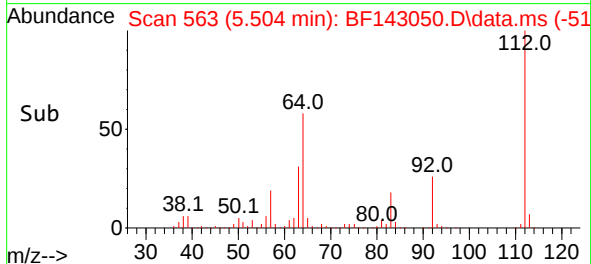
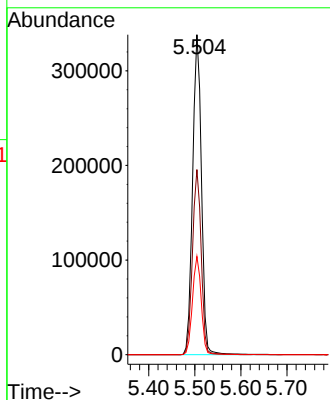
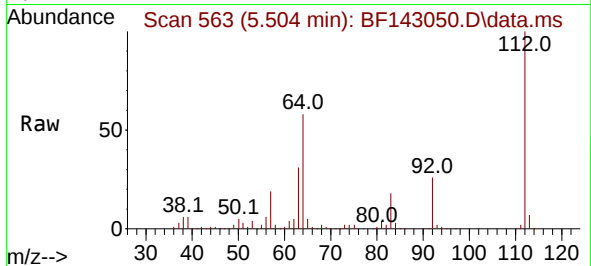




#5
2-Fluorophenol
Concen: 128.406 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

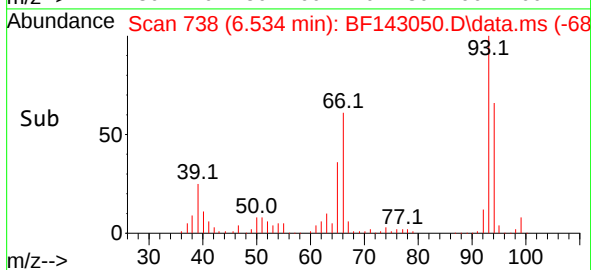
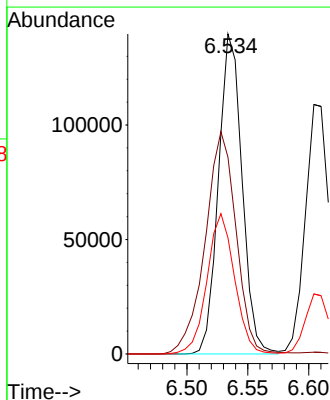
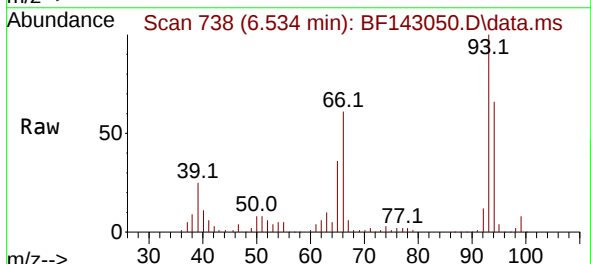
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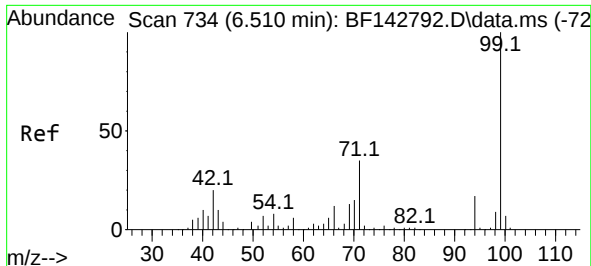
Tgt Ion:112 Resp: 449648
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.2
63 30.7 25.7 38.5



#6
Aniline
Concen: 34.296 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion: 93 Resp: 188534
Ion Ratio Lower Upper
93 100
66 61.5 31.8 47.6#
65 36.3 16.2 24.2#

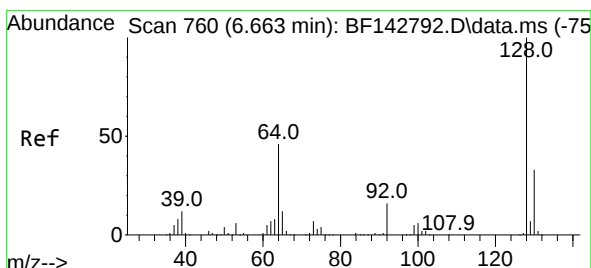
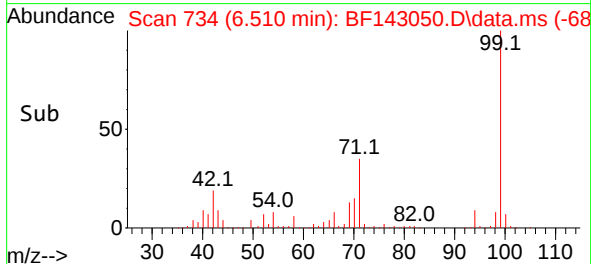
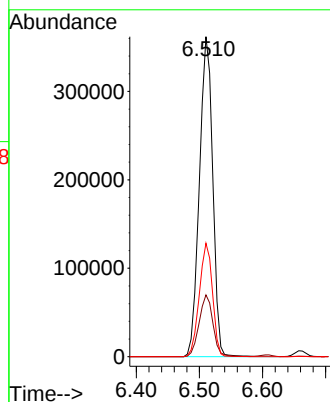
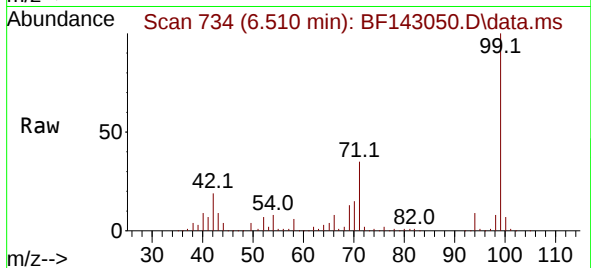




#7
Phenol-d6
Concen: 128.604 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

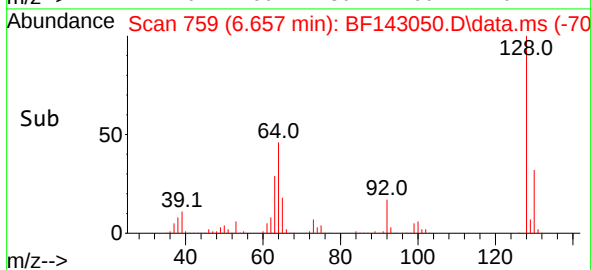
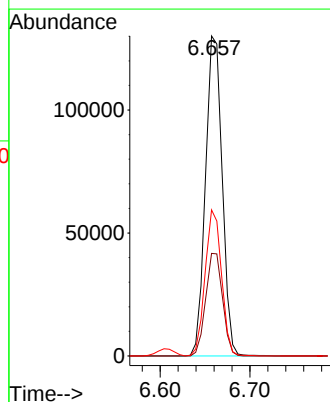
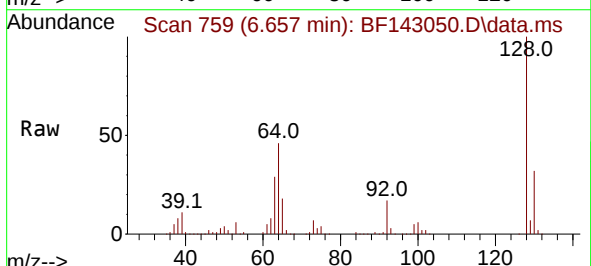
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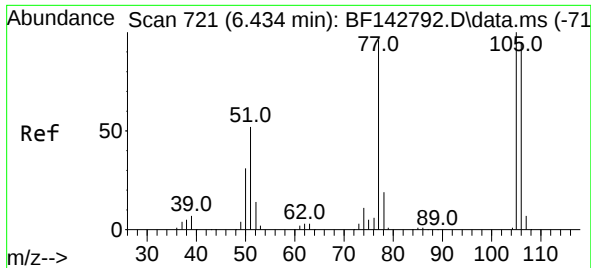
Tgt Ion: 99 Resp: 531316
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 44.619 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:128 Resp: 168543
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 45.7 26.5 66.5

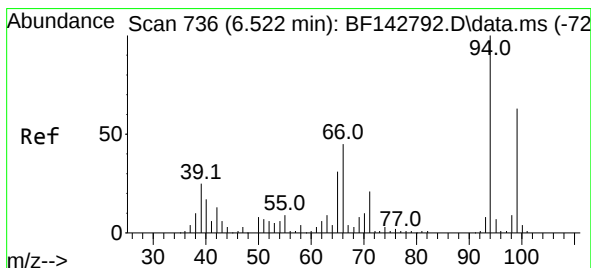
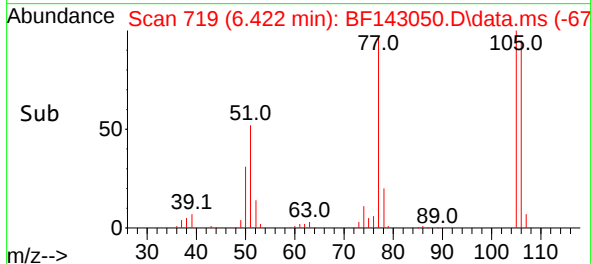
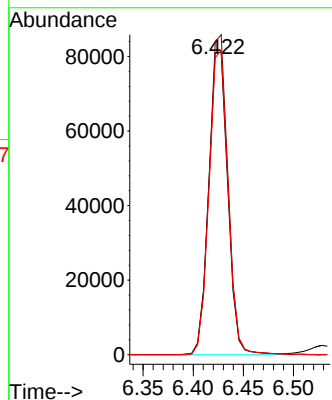
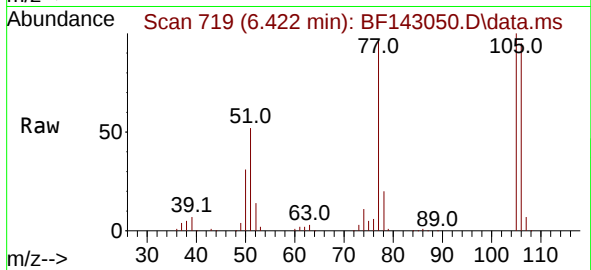




#9
Benzaldehyde
Concen: 44.068 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

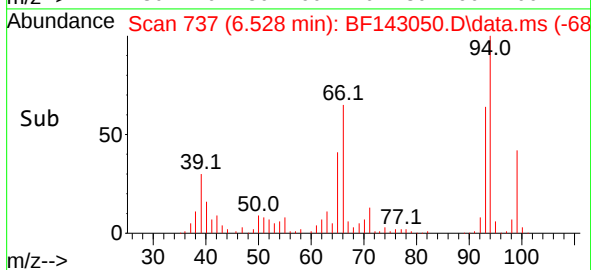
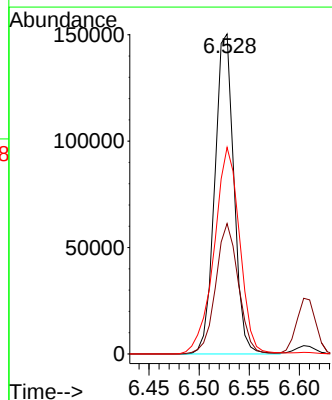
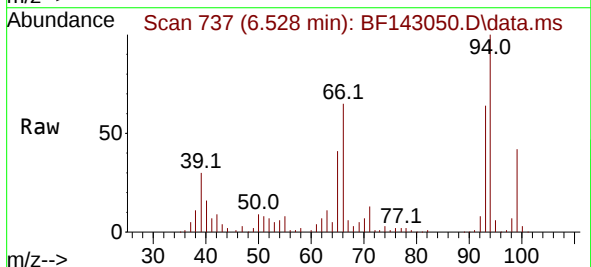
Instrument :
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Tgt Ion: 77 Resp: 108014
Ion Ratio Lower Upper
77 100
105 103.6 83.8 123.8
106 98.3 78.7 118.7



#10
Phenol
Concen: 43.443 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion: 94 Resp: 199506
Ion Ratio Lower Upper
94 100
65 40.8 11.3 51.3
66 64.6 24.9 64.9

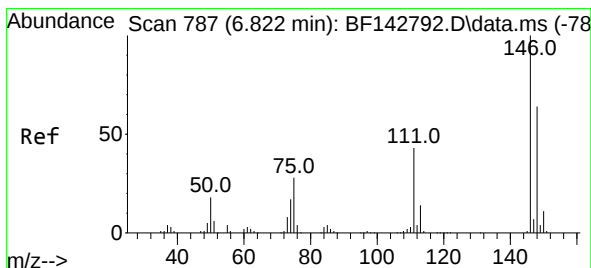
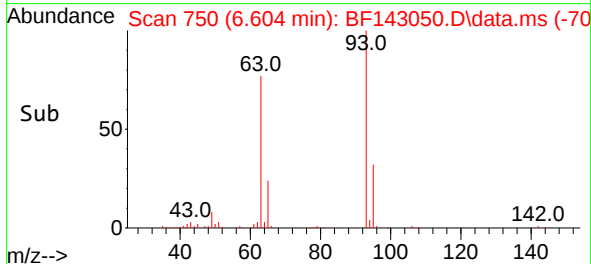
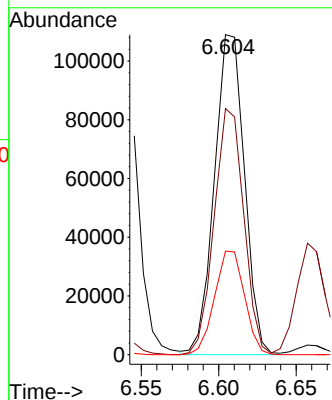
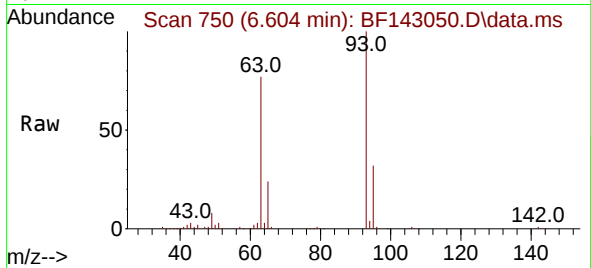




#11
bis(2-Chloroethyl)ether
Concen: 44.893 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

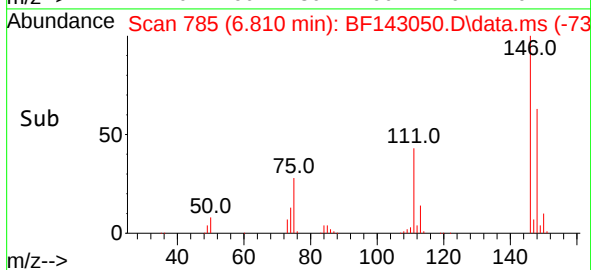
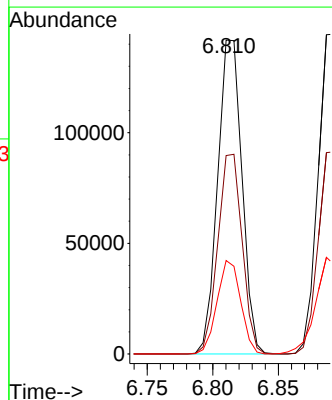
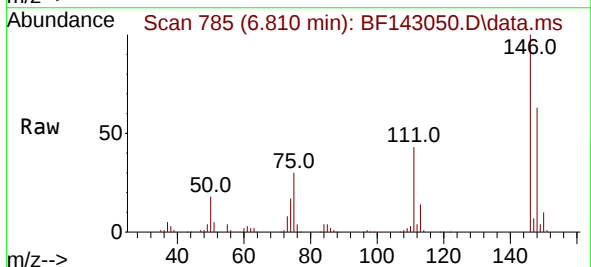
Instrument :
BNA_F
ClientSampleId :
PB168737BS

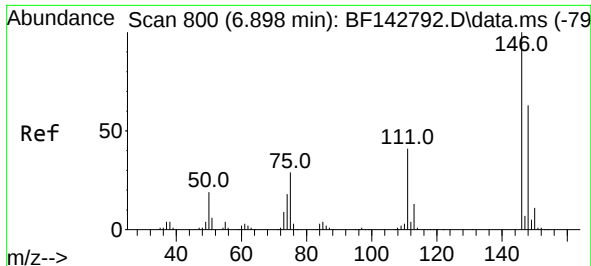
Tgt Ion: 93 Resp: 147349
Ion Ratio Lower Upper
93 100
63 76.9 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.361 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:146 Resp: 183182
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
75 29.8 22.7 34.1

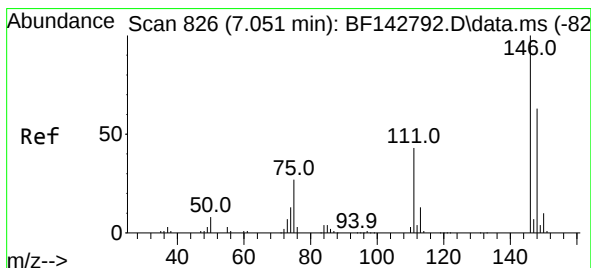
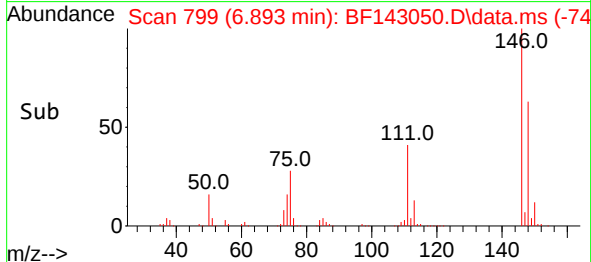
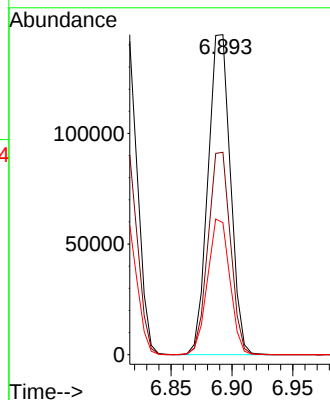
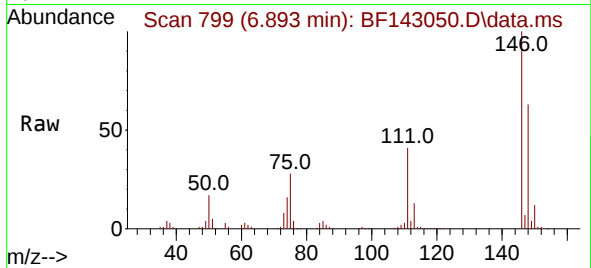




#13
1,4-Dichlorobenzene
Concen: 43.587 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

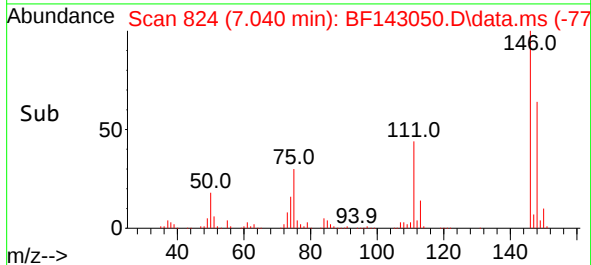
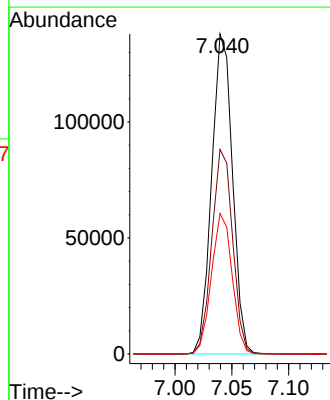
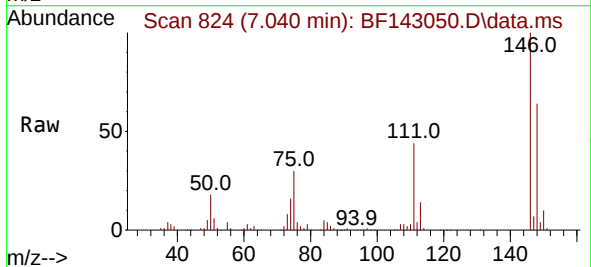
Instrument :
BNA_F
ClientSampleId :
PB168737BS

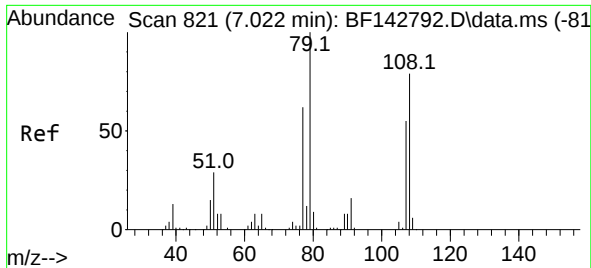
Tgt Ion:146 Resp: 185779
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 41.3 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 43.424 ng
RT: 7.040 min Scan# 824
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:146 Resp: 175552
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
111 43.9 34.1 51.1

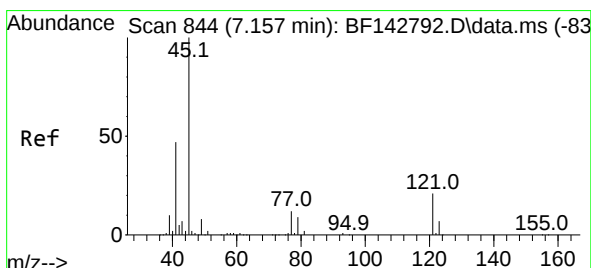
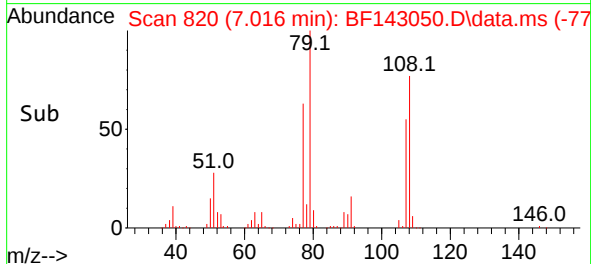
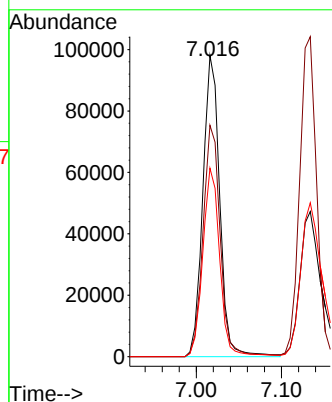
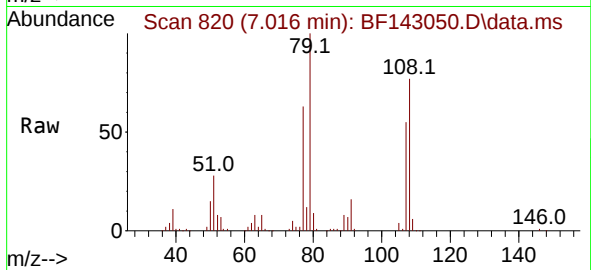




#15
Benzyl Alcohol
Concen: 45.253 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

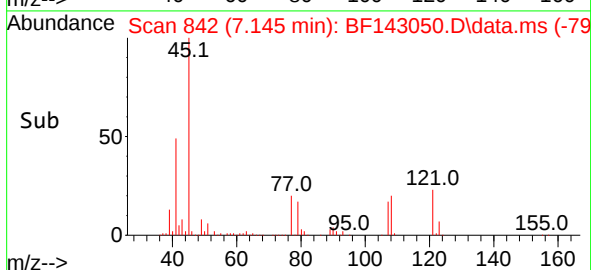
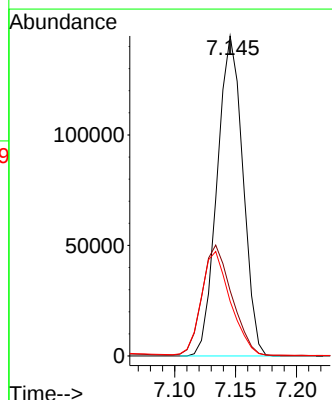
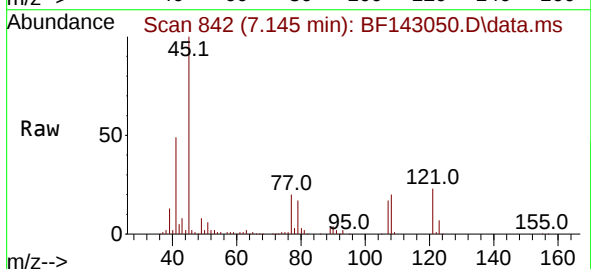
Instrument :
BNA_F
ClientSampleId :
PB168737BS

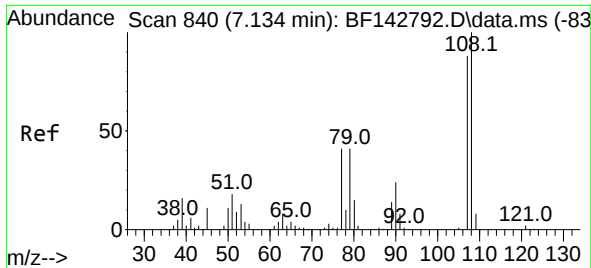
Tgt Ion: 79 Resp: 135160
Ion Ratio Lower Upper
79 100
108 76.8 63.4 95.0
77 62.6 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.375 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion: 45 Resp: 212911
Ion Ratio Lower Upper
45 100
77 20.4 0.0 32.8
79 17.1 0.0 29.8

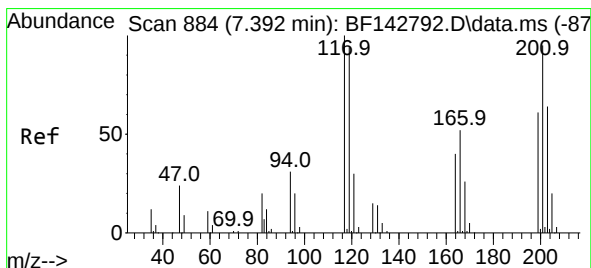
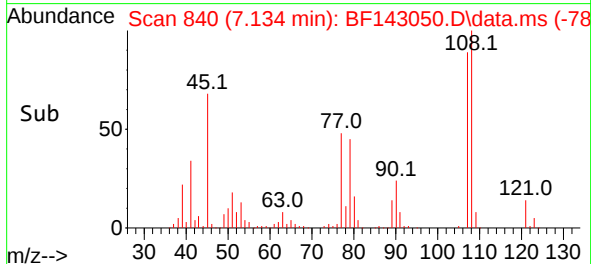
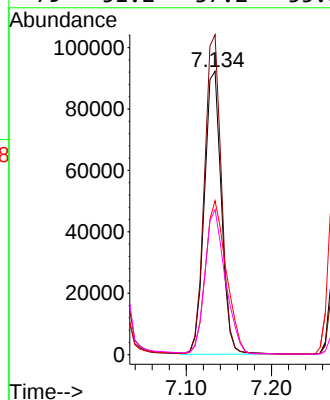
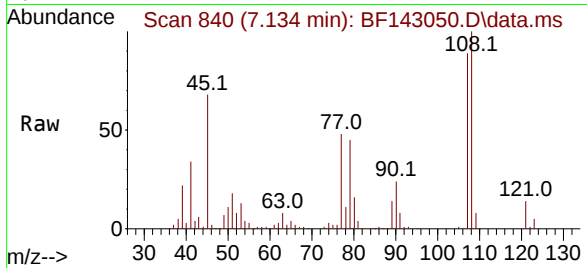




#17
2-Methylphenol
Concen: 44.603 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

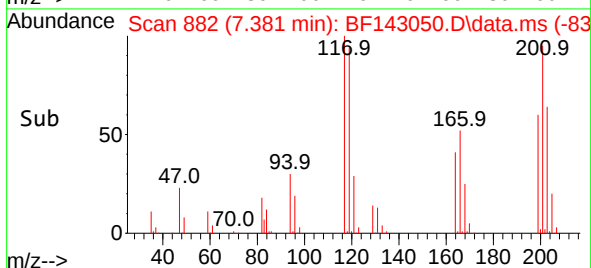
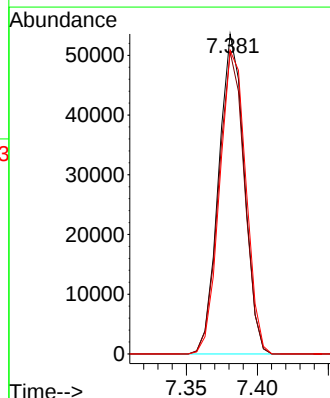
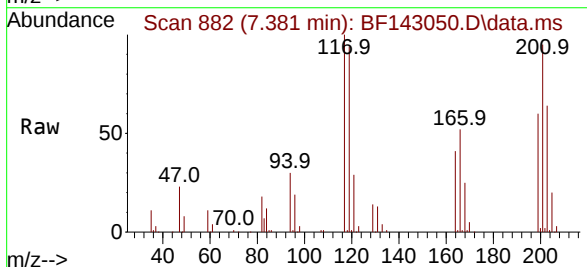
Instrument :
BNA_F
ClientSampleId :
PB168737BS

Tgt Ion:	107	Resp:	127680
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	54.4	37.3	55.9
79	51.2	37.2	55.8



#18
Hexachloroethane
Concen: 44.817 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:	117	Resp:	66815
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.0
201	94.8	75.9	113.9

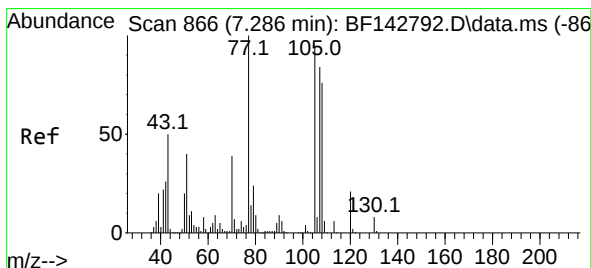
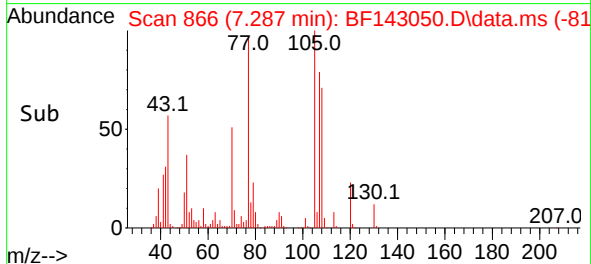
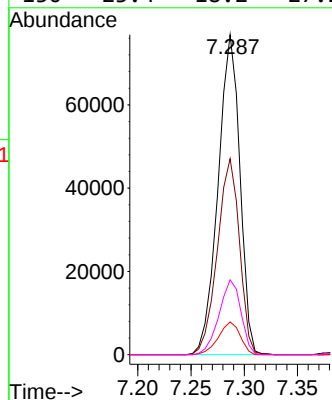
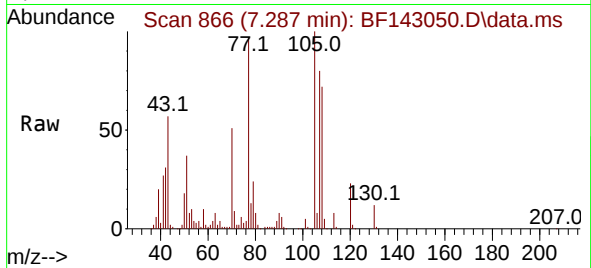




#19
n-Nitroso-di-n-propylamine
Concen: 45.454 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

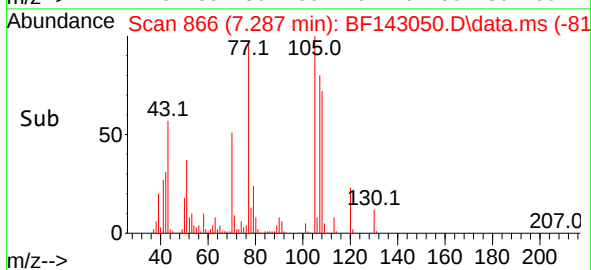
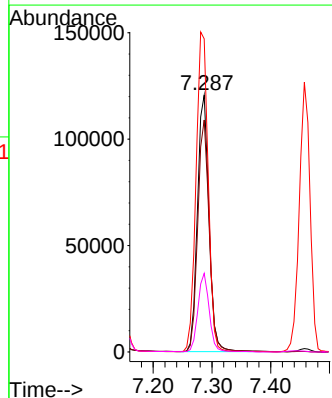
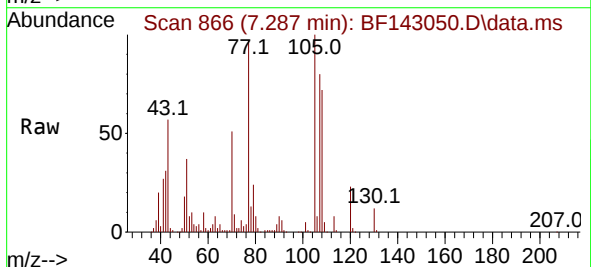
Instrument :
BNA_F
ClientSampleId :
PB168737BS

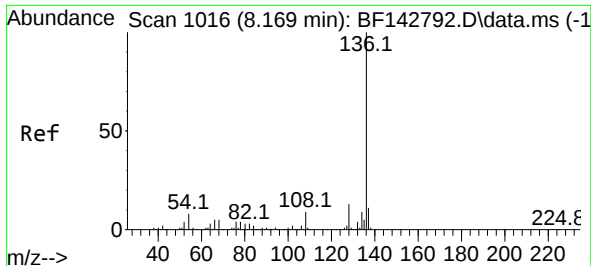
Tgt Ion: 70 Resp: 109219
Ion Ratio Lower Upper
70 100
42 61.3 52.1 78.1
101 10.3 8.2 12.2
130 23.4 18.2 27.2



#20
3+4-Methylphenols
Concen: 46.032 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:107 Resp: 164295
Ion Ratio Lower Upper
107 100
108 90.4 70.0 110.0
77 122.0 98.5 138.5
79 30.6 8.8 48.8



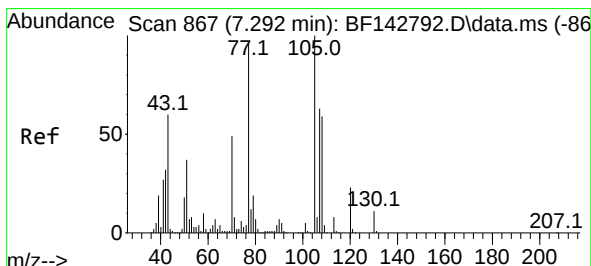
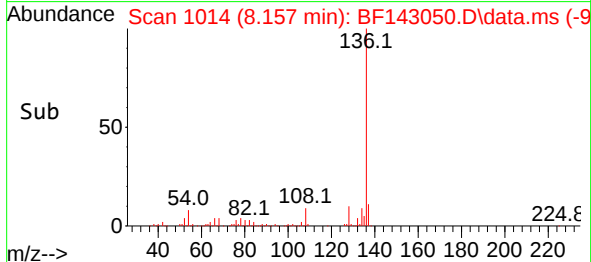
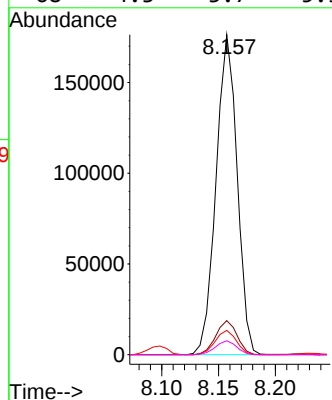
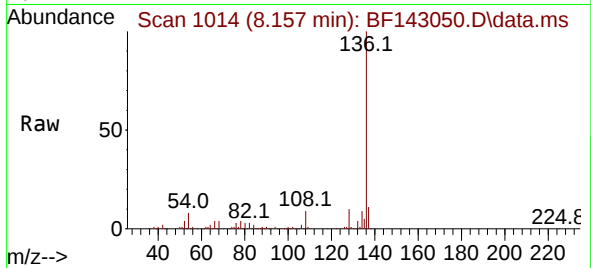


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Instrument :
BNA_F
ClientSampleId :
PB168737BS

Tgt Ion:136 Resp: 228077

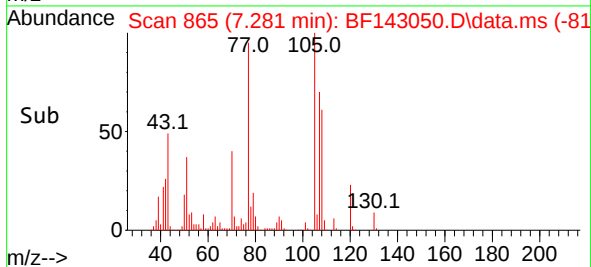
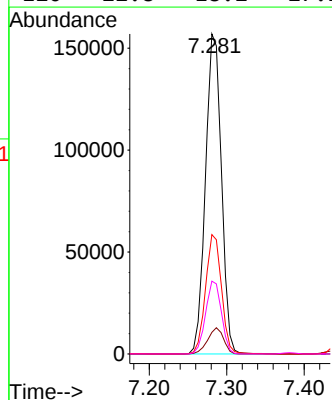
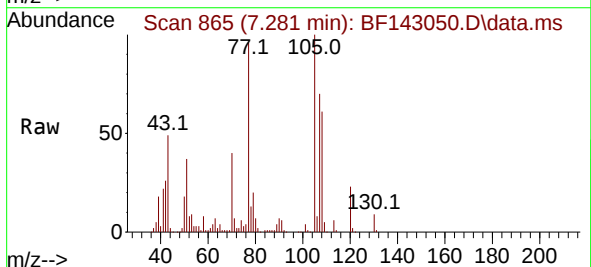
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.6	6.3	9.5
68	4.3	3.7	5.5

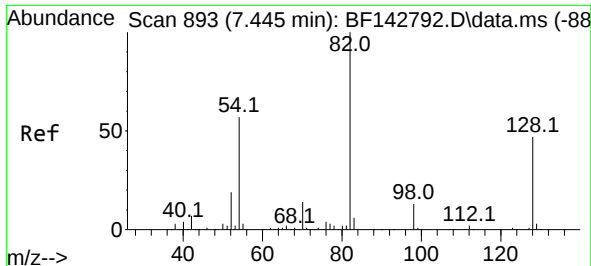


#22
Acetophenone
Concen: 44.675 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:105 Resp: 224694

Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.5	9.7
51	37.3	29.8	44.8
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 80.480 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

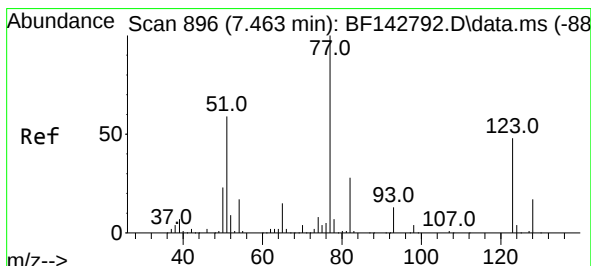
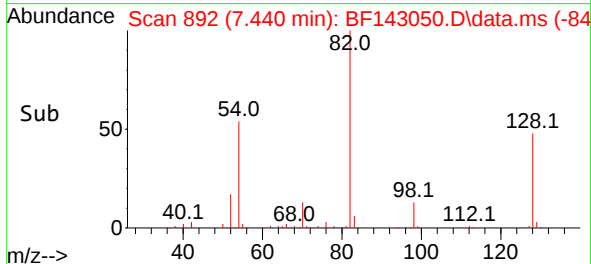
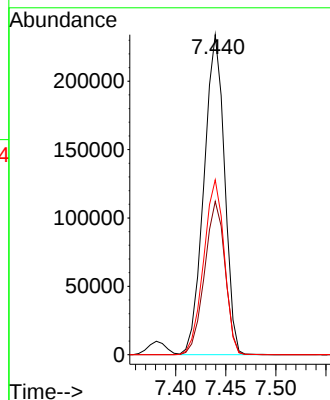
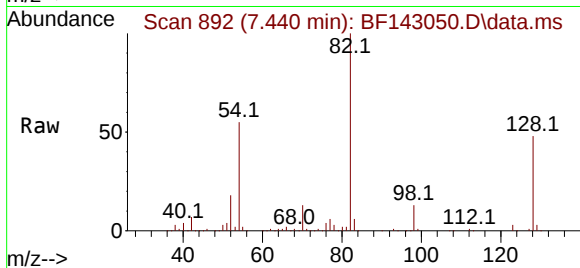
Tgt Ion: 82 Resp: 334645

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 54.7 45.7 68.5



#24

Nitrobenzene

Concen: 42.991 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

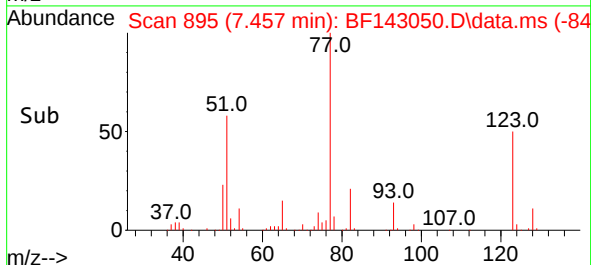
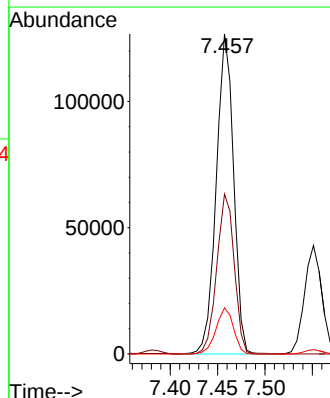
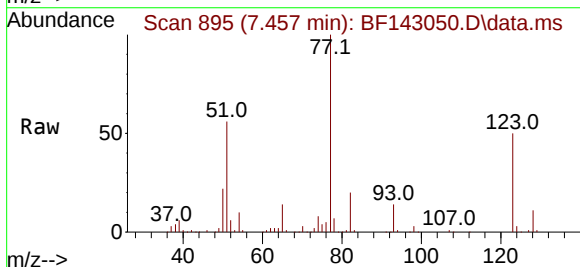
Tgt Ion: 77 Resp: 161798

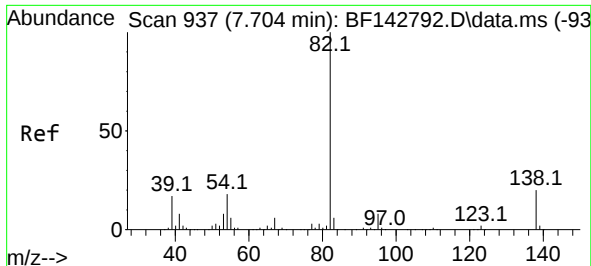
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 14.4 11.6 17.4

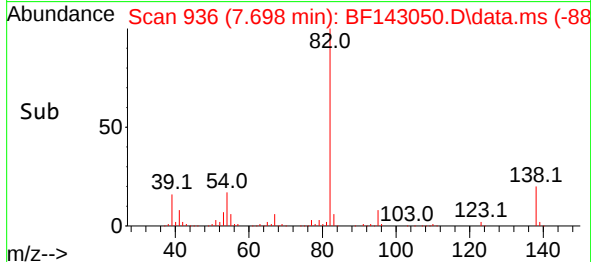
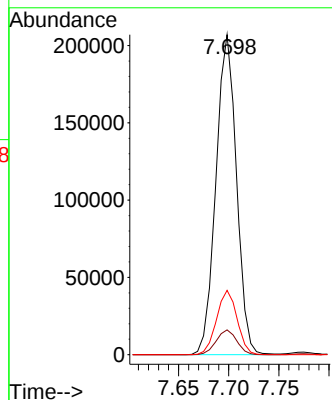
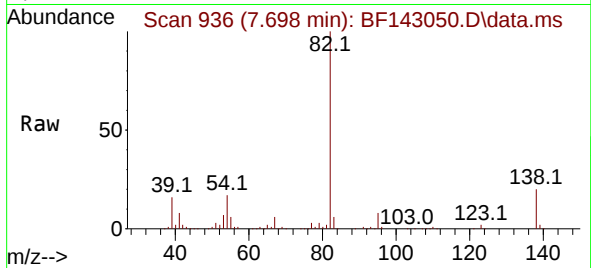




#25
Isophorone
Concen: 44.170 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

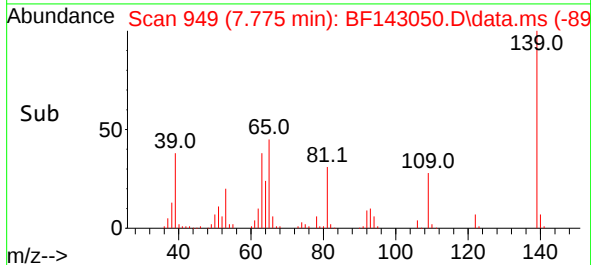
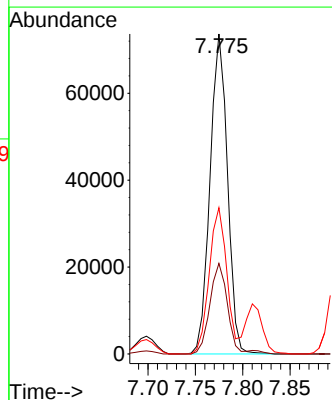
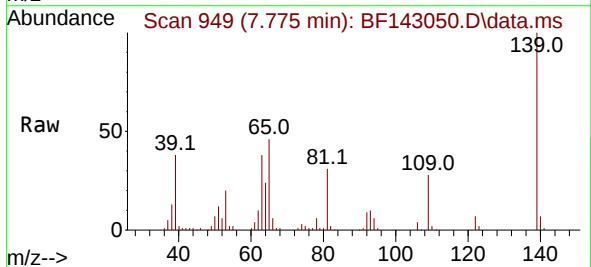
Instrument :
BNA_F
ClientSampleId :
PB168737BS

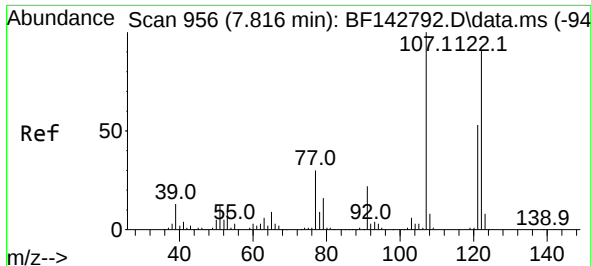
Tgt Ion: 82 Resp: 294629
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 45.855 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:139 Resp: 94009
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 45.7 38.6 58.0

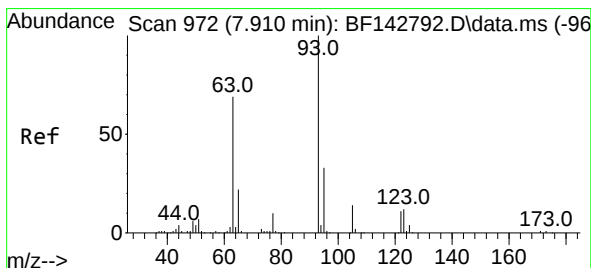
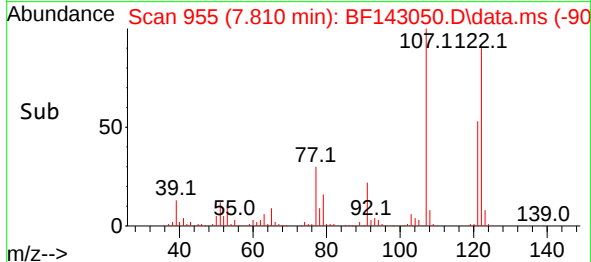
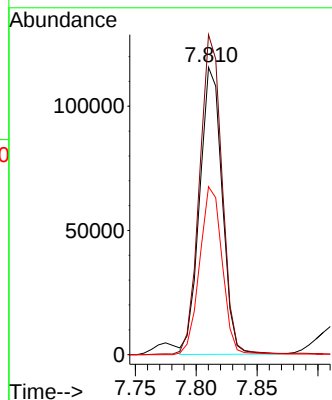
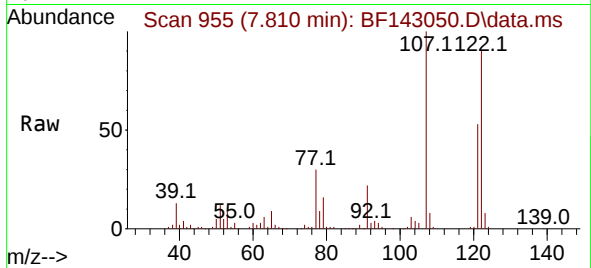




#27
2,4-Dimethylphenol
Concen: 41.846 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

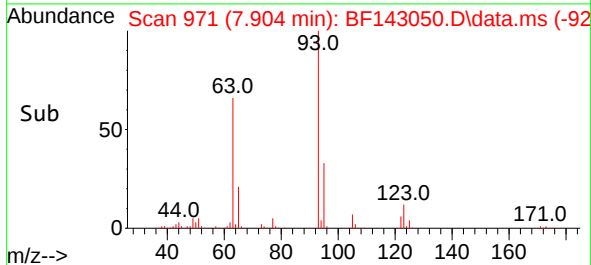
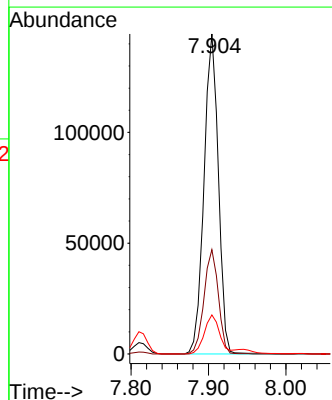
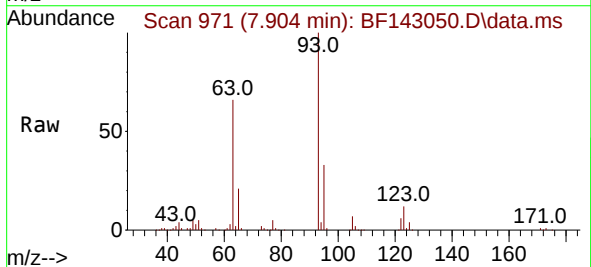
Instrument :
BNA_F
ClientSampleId :
PB168737BS

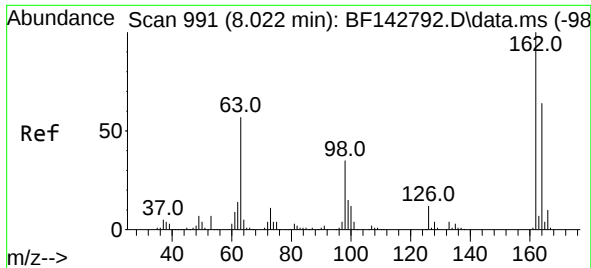
Tgt Ion:122 Resp: 148603
Ion Ratio Lower Upper
122 100
107 111.4 88.0 132.0
121 58.5 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 43.737 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion: 93 Resp: 185475
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.754 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

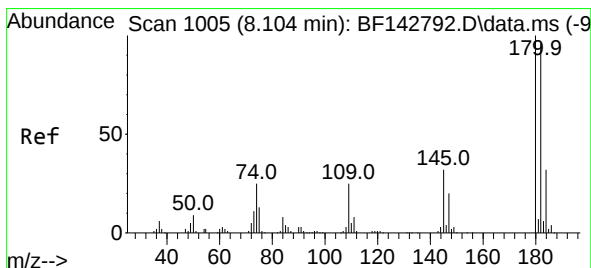
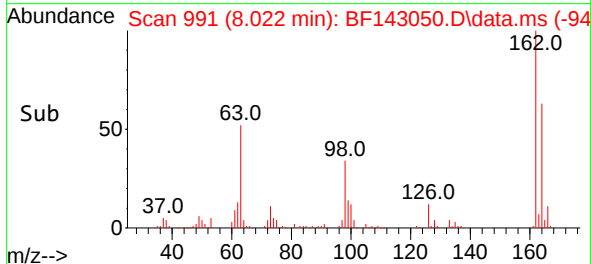
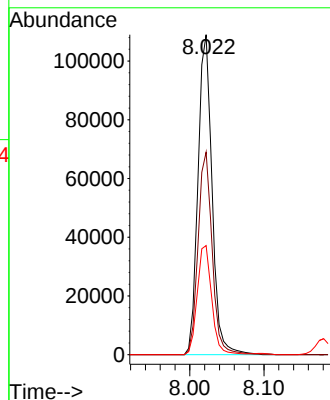
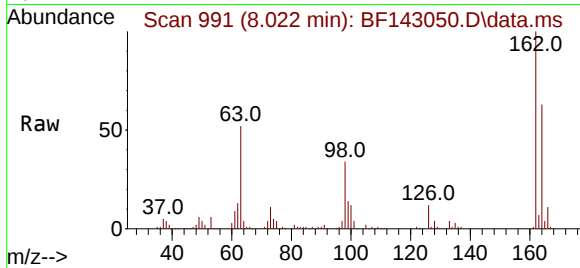
Tgt Ion:162 Resp: 144105

Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

98 34.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.938 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

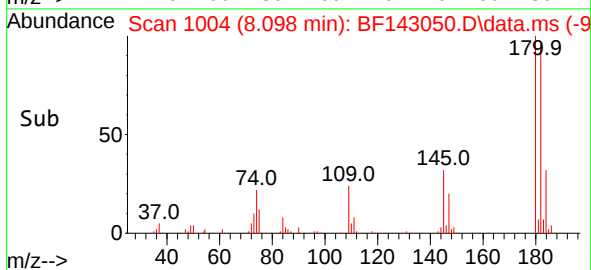
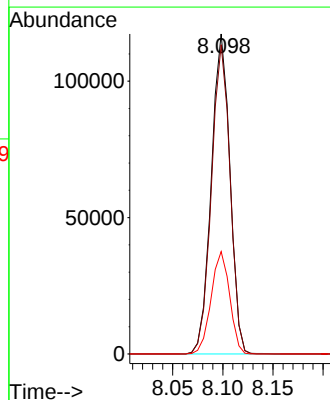
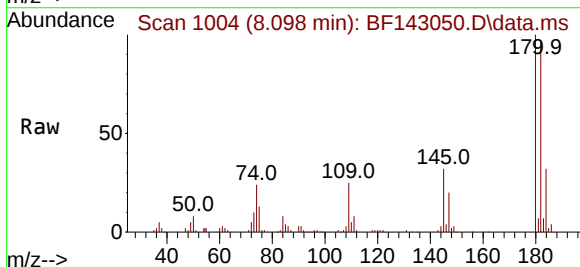
Tgt Ion:180 Resp: 152029

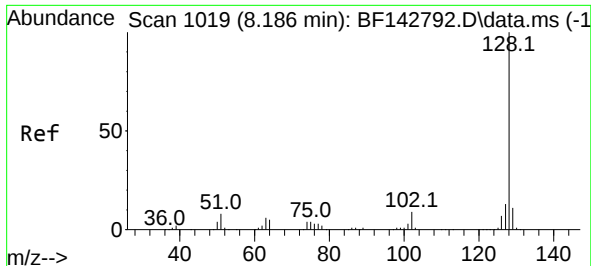
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 32.0 25.8 38.8

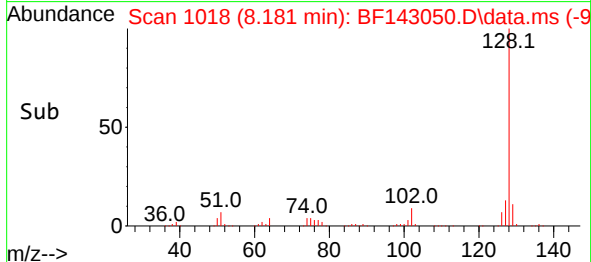
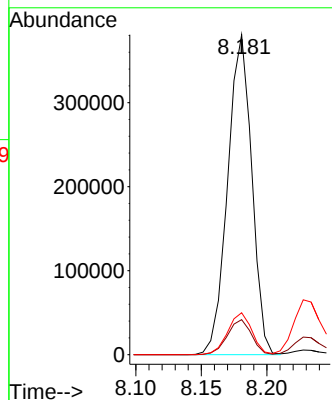
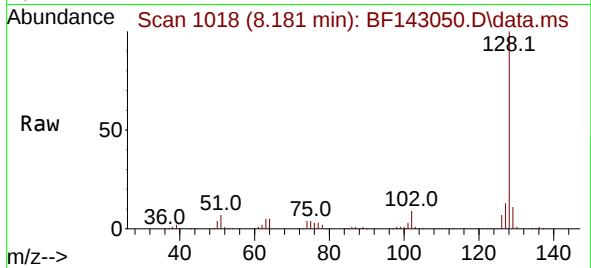




#31
Naphthalene
Concen: 43.576 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

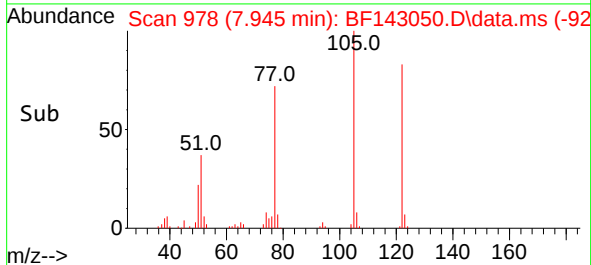
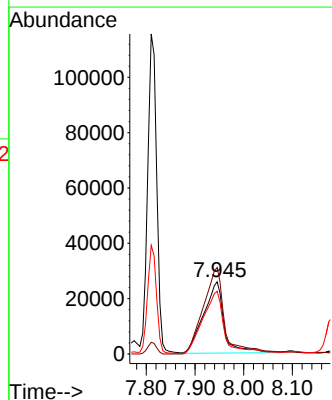
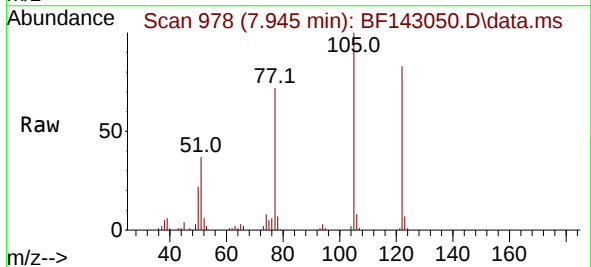
Instrument :
BNA_F
ClientSampleId :
PB168737BS

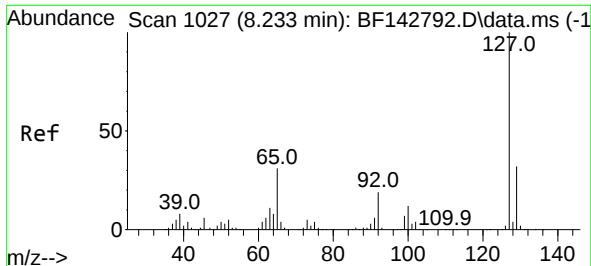
Tgt Ion:128 Resp: 486485
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 41.962 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:122 Resp: 75951
Ion Ratio Lower Upper
122 100
105 119.8 104.7 144.7
77 86.8 70.2 110.2

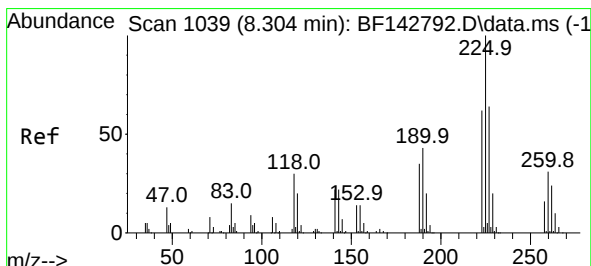
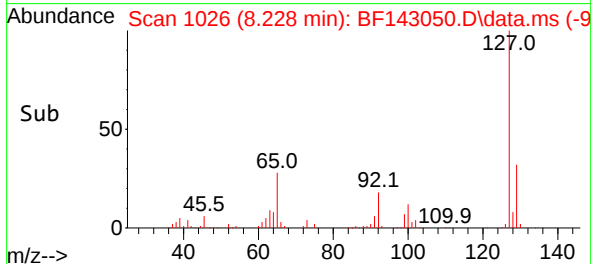
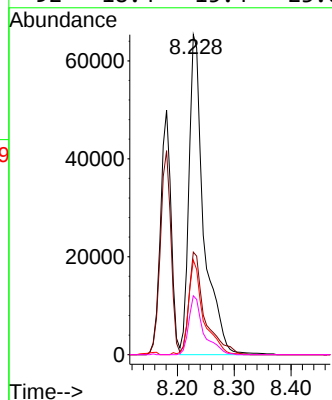
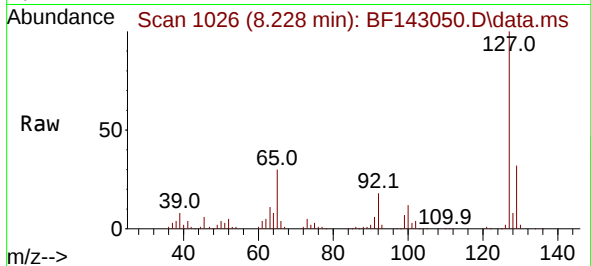




#33
4-Chloroaniline
Concen: 26.148 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

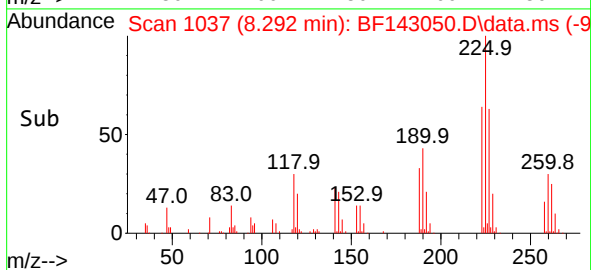
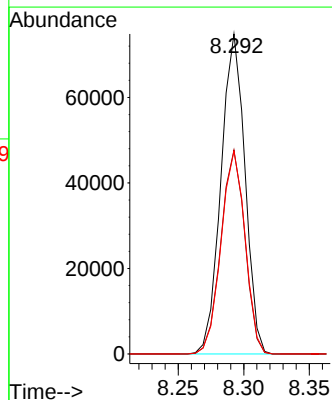
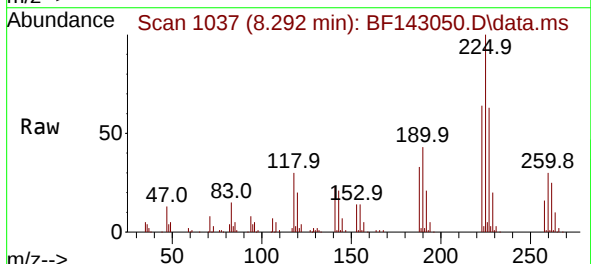
Instrument :
BNA_F
ClientSampleId :
PB168737BS

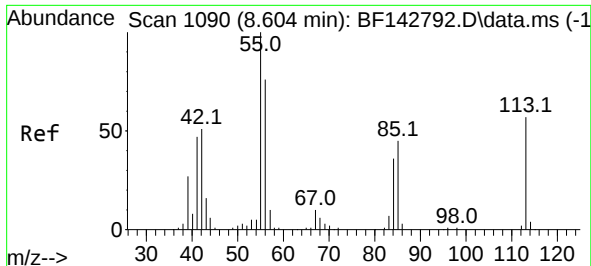
Tgt Ion:127	Resp: 118697
Ion Ratio	Lower Upper
127 100	
129 32.1	25.9 38.9
65 29.6	24.6 36.8
92 18.4	15.4 23.0



#34
Hexachlorobutadiene
Concen: 43.935 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:225	Resp: 95154
Ion Ratio	Lower Upper
225 100	
223 63.7	49.9 74.9
227 63.4	51.4 77.0

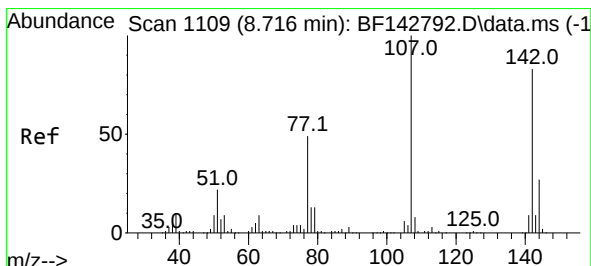
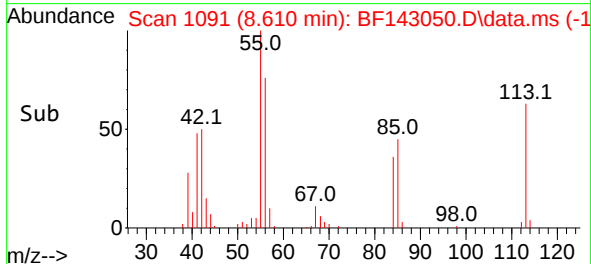
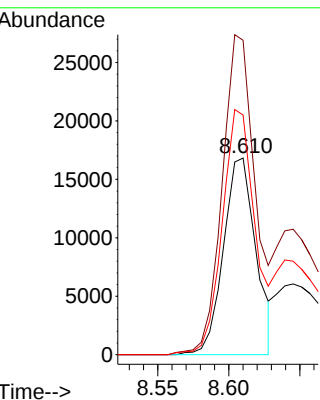
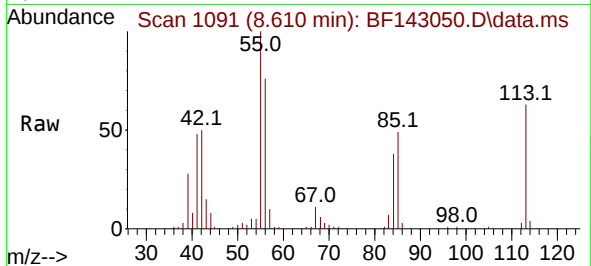




#35
 Caprolactam
 Concen: 31.439 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

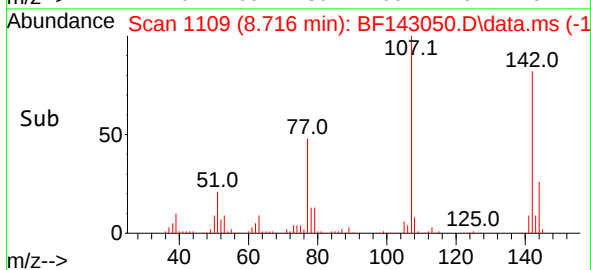
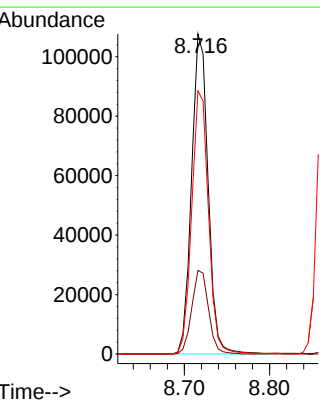
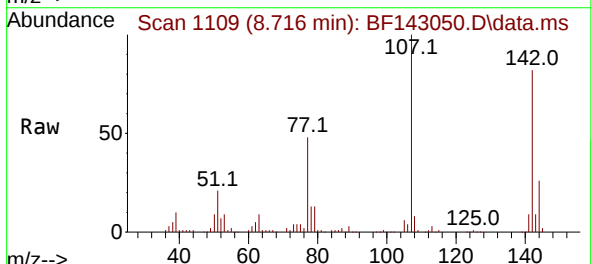
Instrument :
 BNA_F
 ClientSampleId :
 PB168737BS

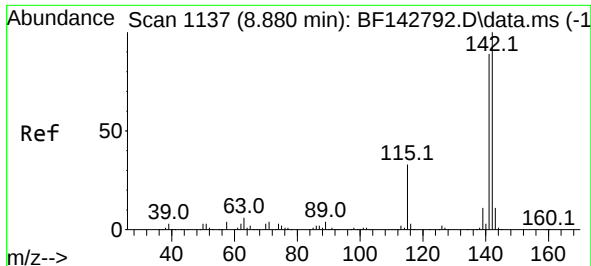
Tgt Ion:113 Resp: 26713
 Ion Ratio Lower Upper
 113 100
 55 159.9 154.4 194.4
 56 121.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.296 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Tgt Ion:107 Resp: 144951
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.3 31.9
 142 82.2 66.6 100.0





#37

2-Methylnaphthalene

Concen: 43.999 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

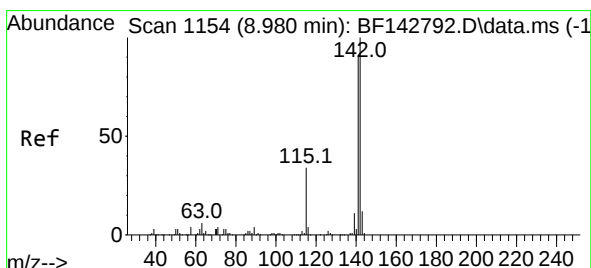
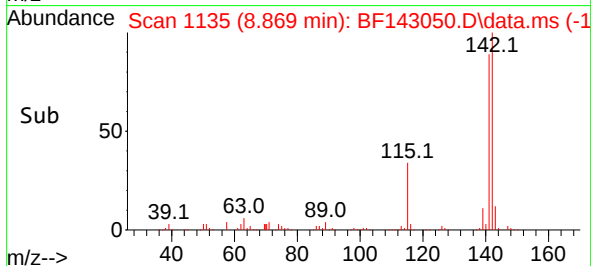
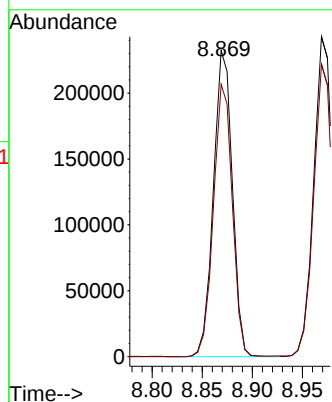
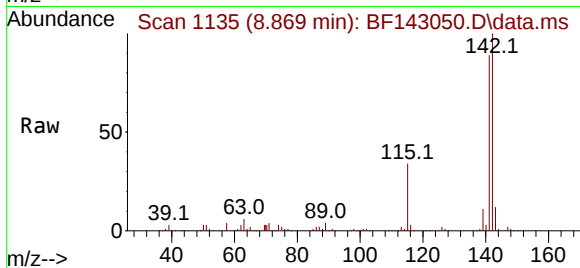
PB168737BS

Tgt Ion:142 Resp: 304530

Ion Ratio Lower Upper

142 100

141 88.9 70.9 106.3



#38

1-Methylnaphthalene

Concen: 44.114 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF143050.D

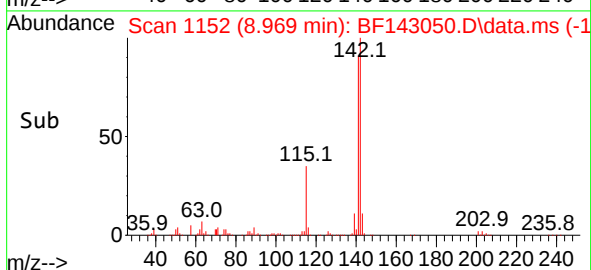
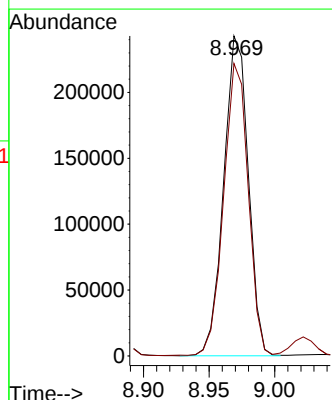
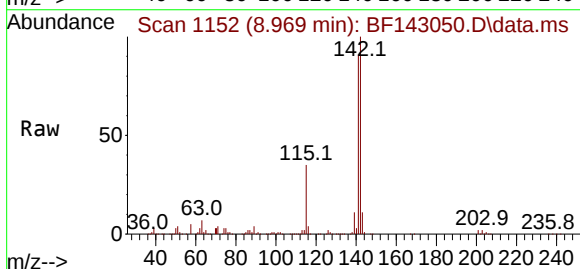
Acq: 09 Jul 2025 11:54

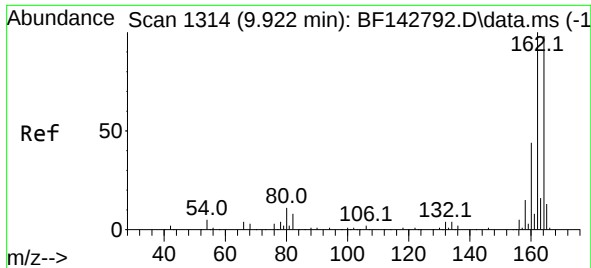
Tgt Ion:142 Resp: 316070

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

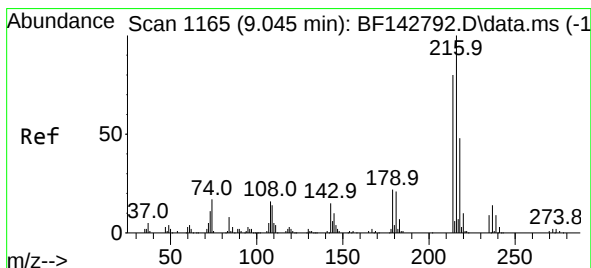
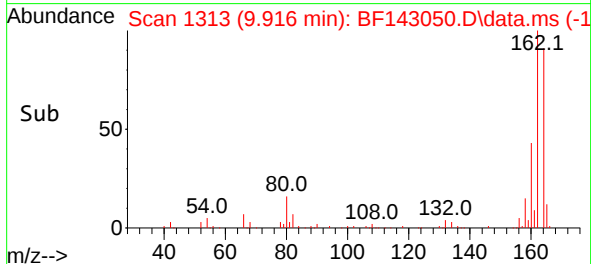
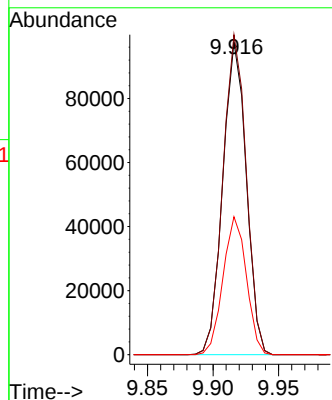
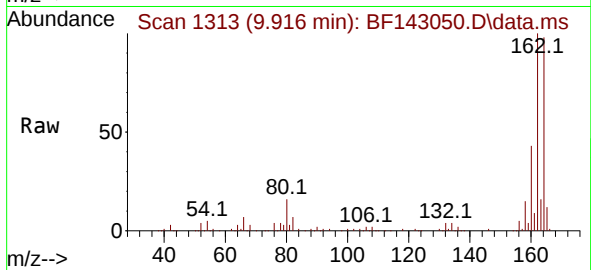




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1164
 Delta R.T. -0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

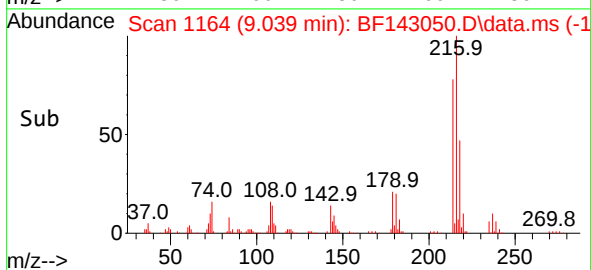
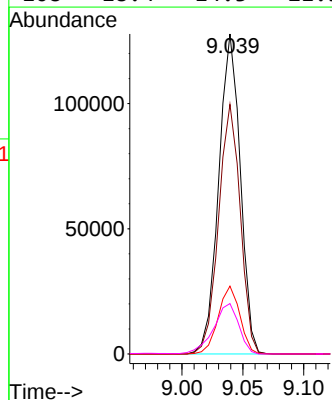
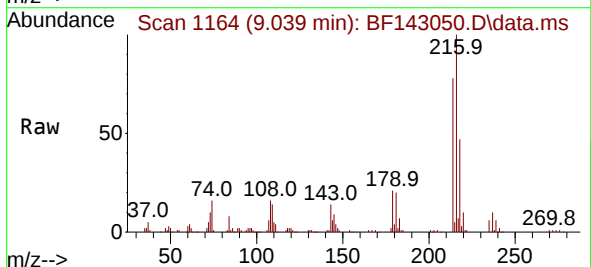
Instrument :
 BNA_F
 ClientSampleId :
 PB168737BS

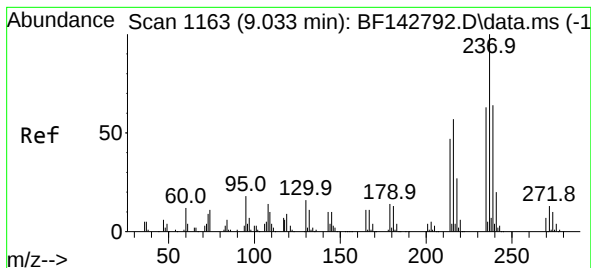
Tgt Ion:164 Resp: 121529
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.8 122.8
 160 44.1 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.017 ng
 RT: 9.039 min Scan# 1164
 Delta R.T. -0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Tgt Ion:216 Resp: 157840
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.7 95.5
 179 21.2 17.6 26.4
 108 18.4 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 74.252 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

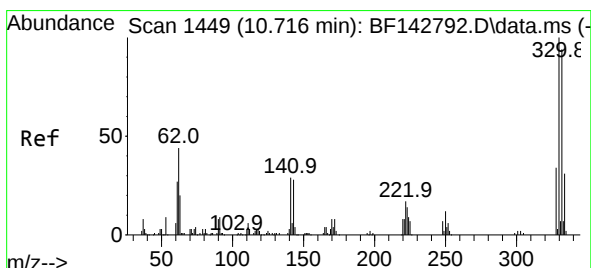
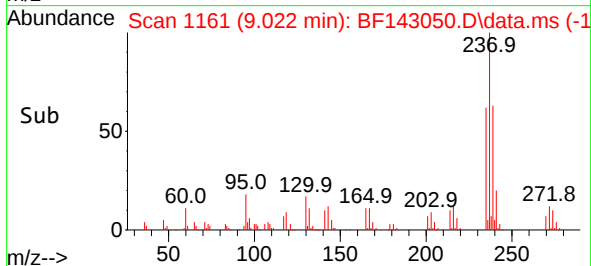
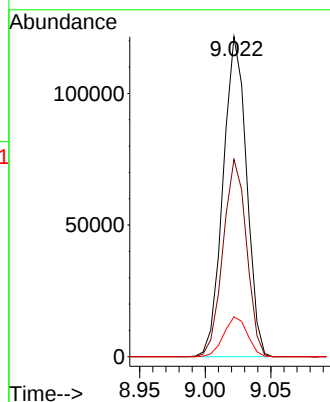
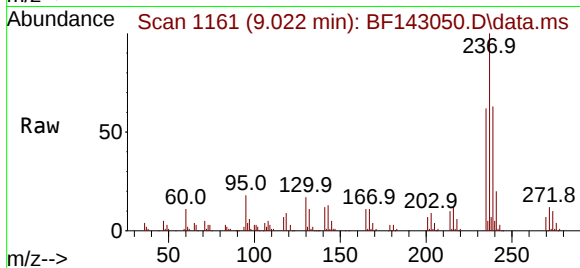
Tgt Ion:237 Resp: 151098

Ion Ratio Lower Upper

237 100

235 61.6 43.4 83.4

272 12.4 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 138.578 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

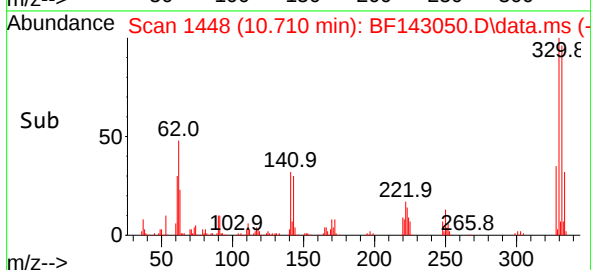
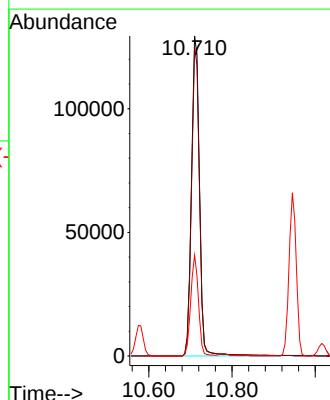
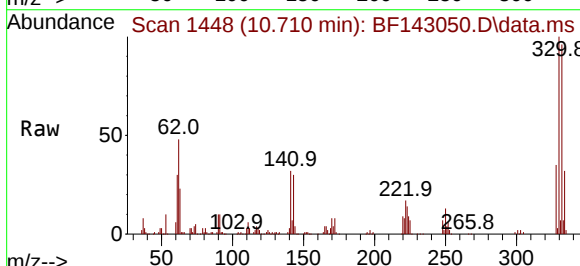
Tgt Ion:330 Resp: 173308

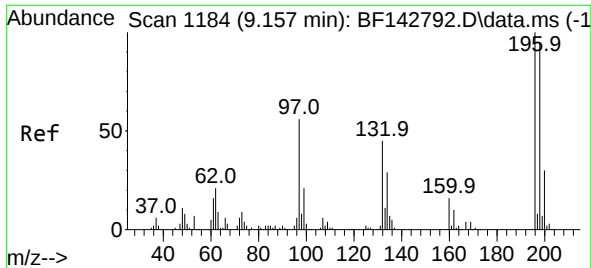
Ion Ratio Lower Upper

330 100

332 95.6 75.0 112.6

141 30.2 25.3 37.9

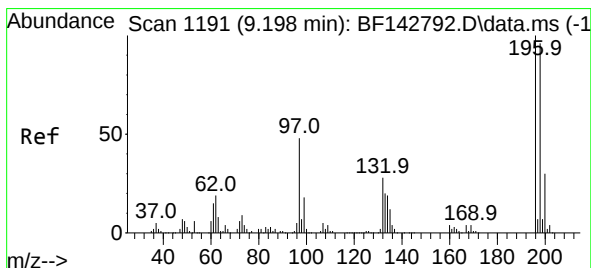
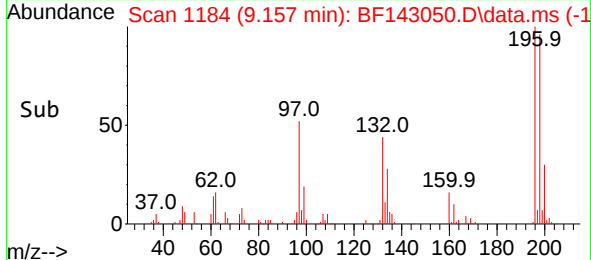
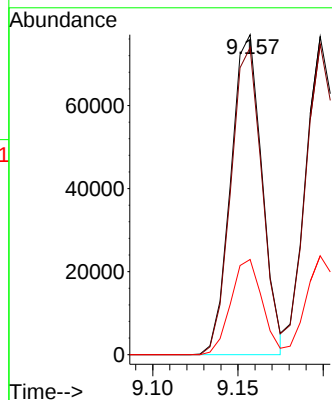
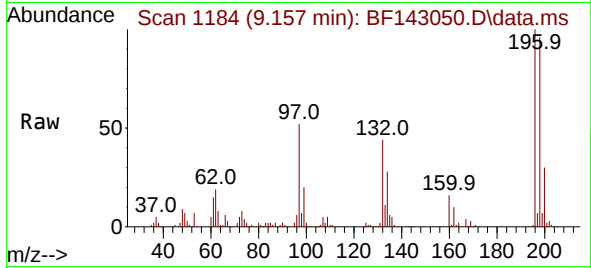




#43
2,4,6-Trichlorophenol
Concen: 41.982 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

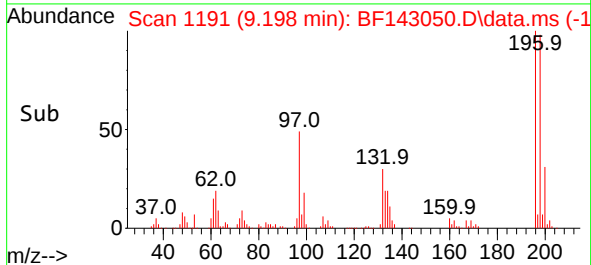
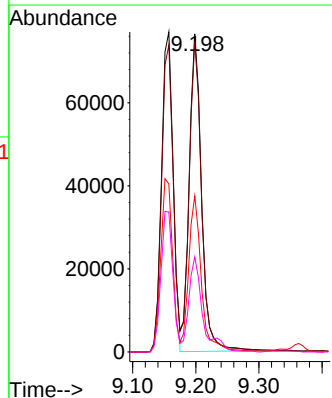
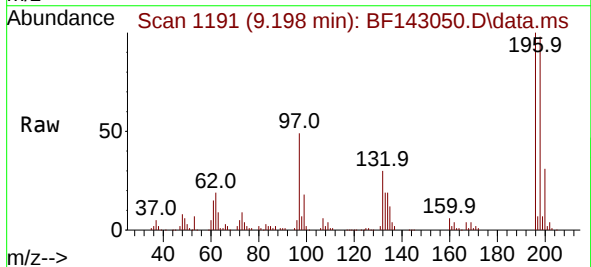
Instrument :
BNA_F
ClientSampleId :
PB168737BS

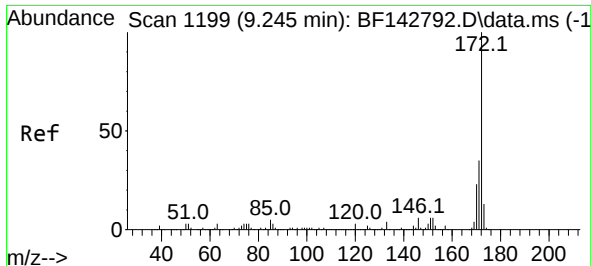
Tgt Ion:196 Resp: 98098
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.2
200 29.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 42.489 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:196 Resp: 104512
Ion Ratio Lower Upper
196 100
198 97.6 76.6 115.0
97 49.0 38.2 57.2
132 29.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 80.513 ng

RT: 9.234 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

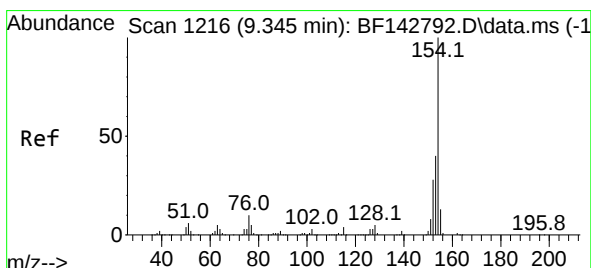
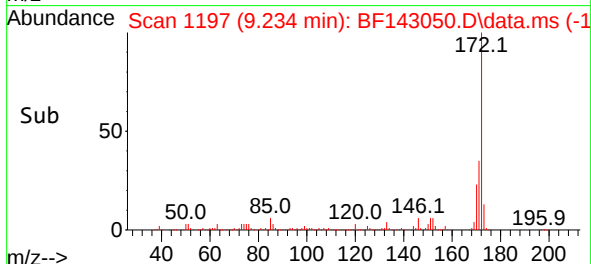
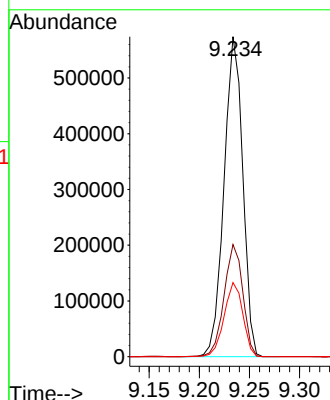
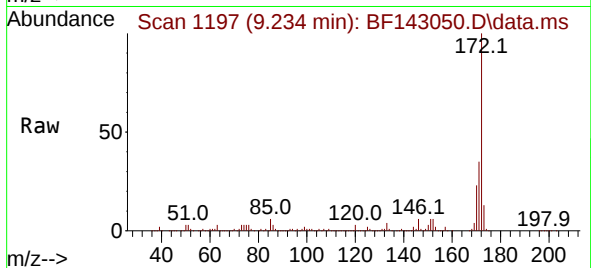
Tgt Ion:172 Resp: 744829

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.5 27.7



#46

1,1'-Biphenyl

Concen: 44.729 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.012 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

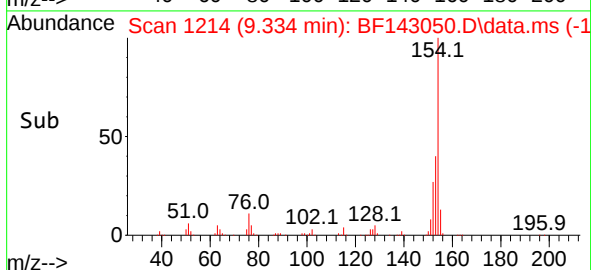
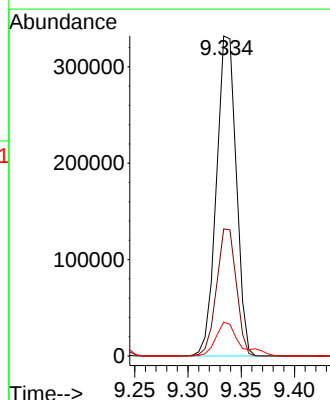
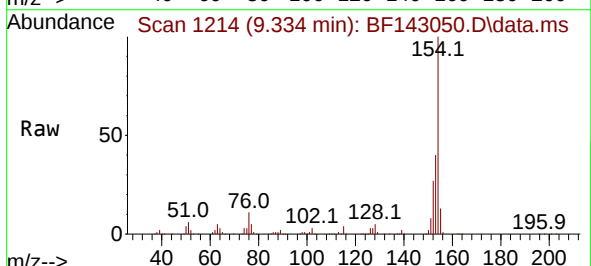
Tgt Ion:154 Resp: 429404

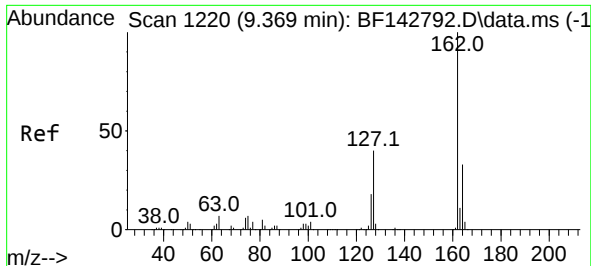
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 10.6 0.0 30.3

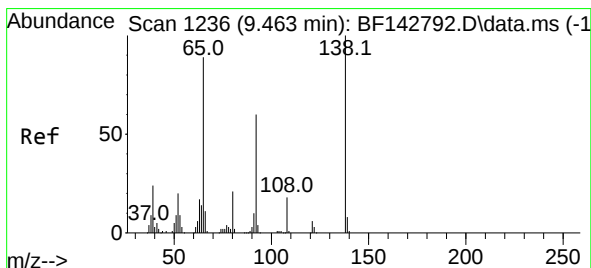
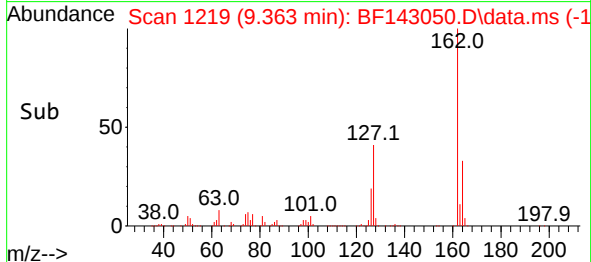
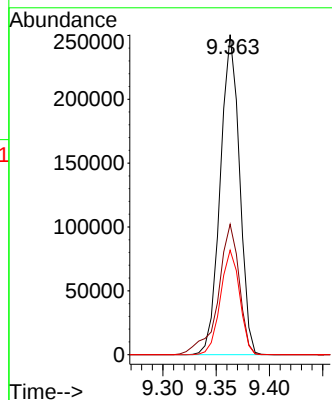
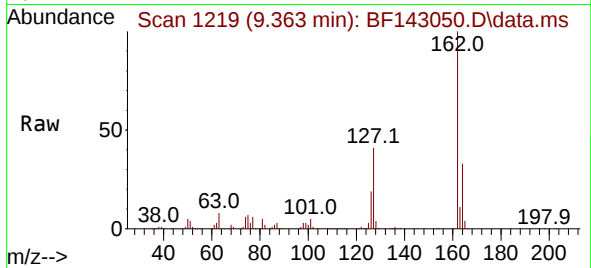




#47
2-Chloronaphthalene
Concen: 43.537 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

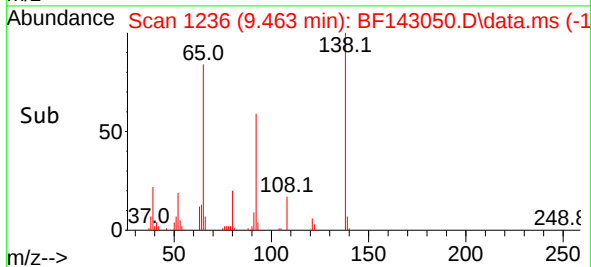
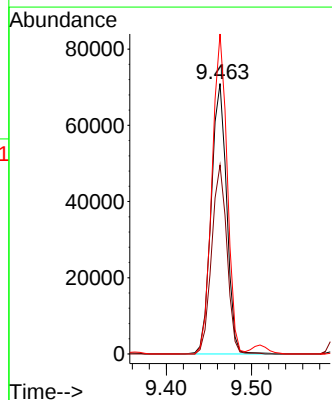
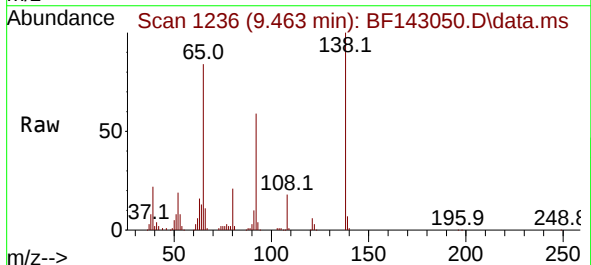
Instrument :
BNA_F
ClientSampleId :
PB168737BS

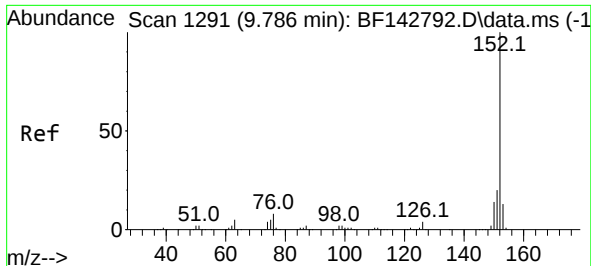
Tgt Ion:162 Resp: 313651
Ion Ratio Lower Upper
162 100
127 40.7 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 44.518 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion: 65 Resp: 89915
Ion Ratio Lower Upper
65 100
92 69.9 53.8 80.6
138 118.4 89.6 134.4





#49

Acenaphthylene

Concen: 44.198 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

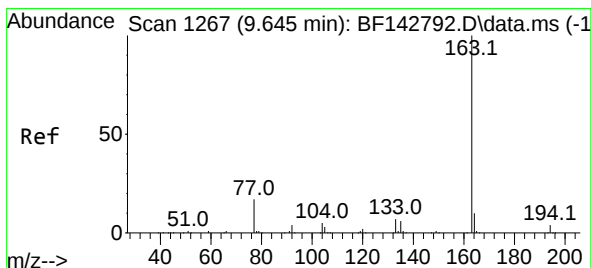
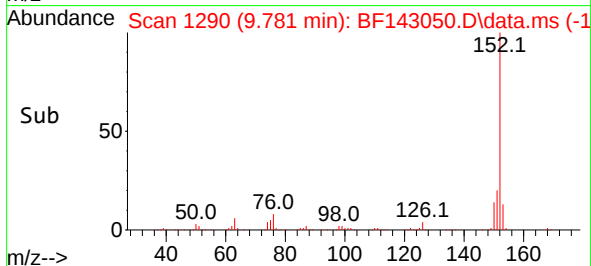
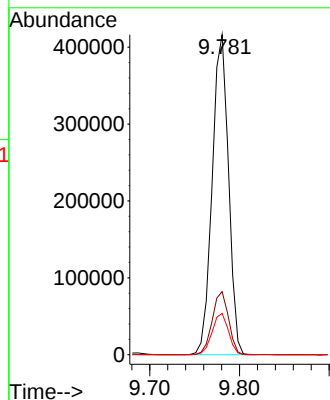
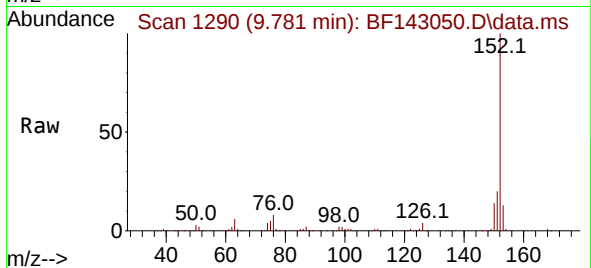
Tgt Ion:152 Resp: 524170

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 46.648 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

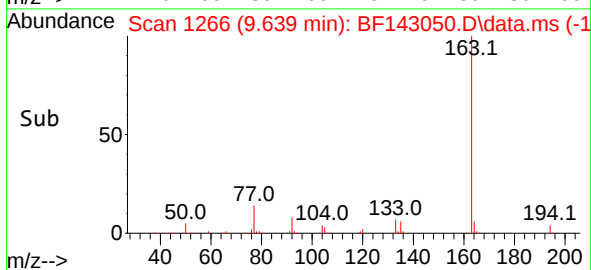
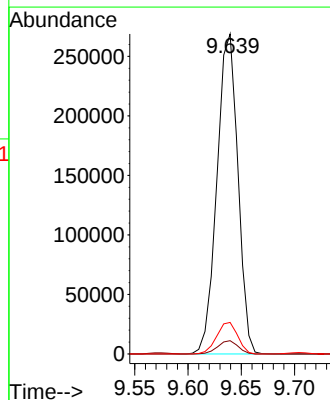
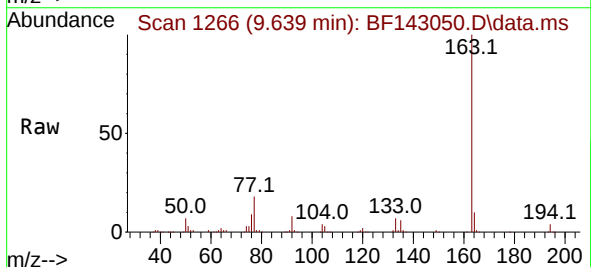
Tgt Ion:163 Resp: 366959

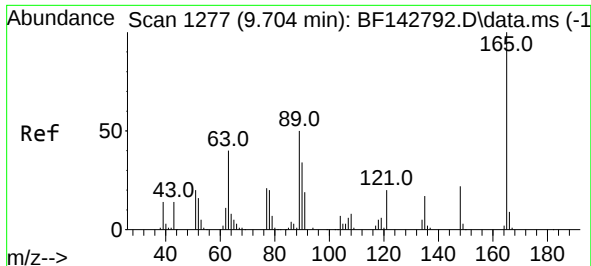
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.0 12.0

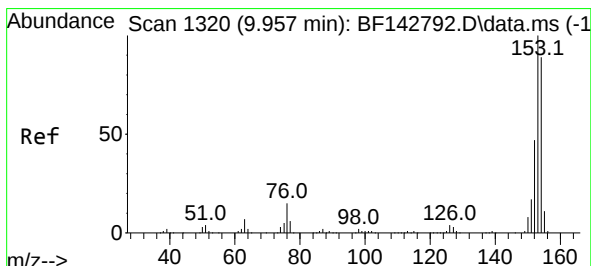
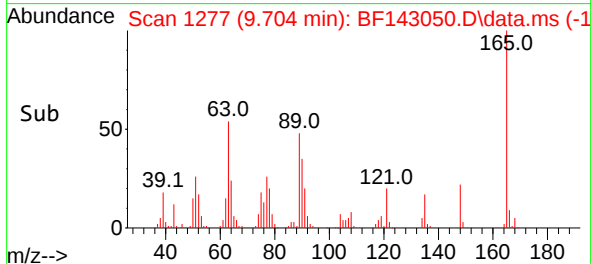
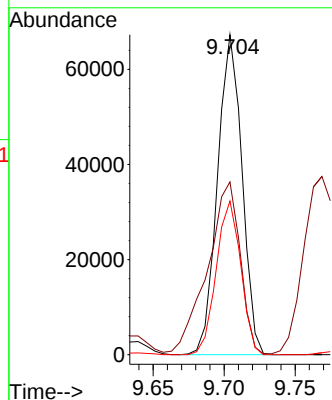
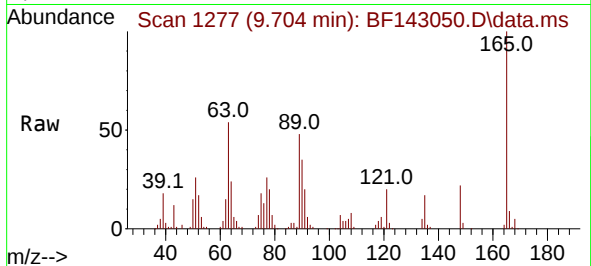




#51
2,6-Dinitrotoluene
Concen: 46.629 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

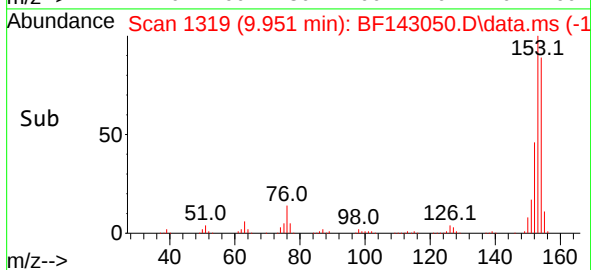
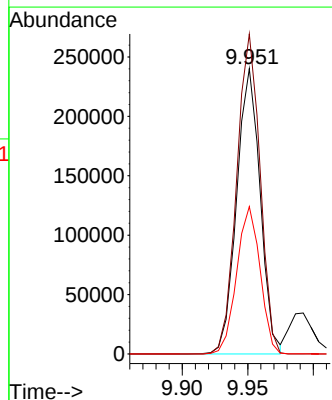
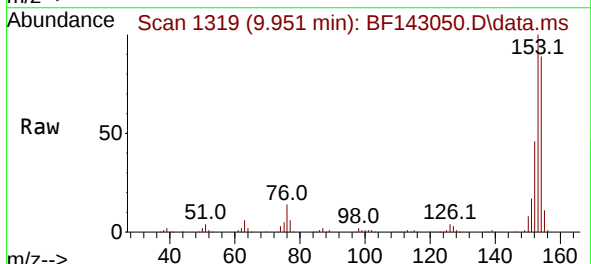
Instrument :
BNA_F
ClientSampleId :
PB168737BS

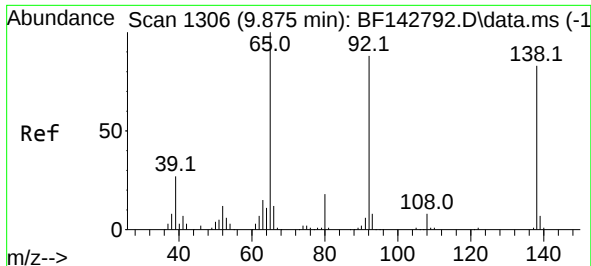
Tgt Ion:165 Resp: 80555
Ion Ratio Lower Upper
165 100
63 54.0 44.2 66.4
89 48.0 39.8 59.8



#52
Acenaphthene
Concen: 41.427 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:154 Resp: 299759
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 51.7 41.9 62.9

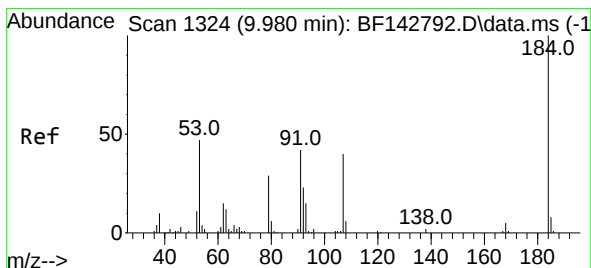
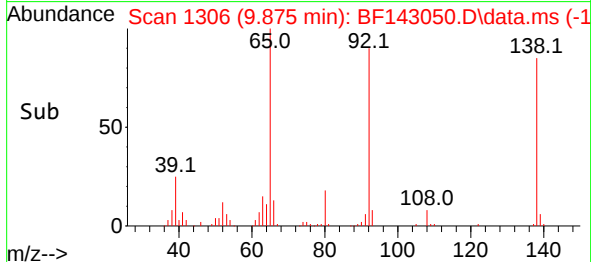
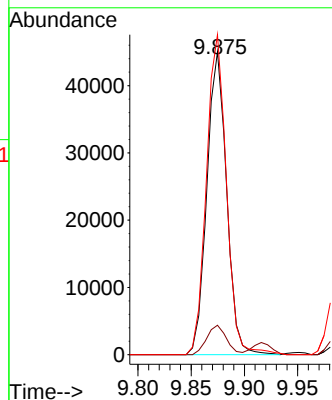
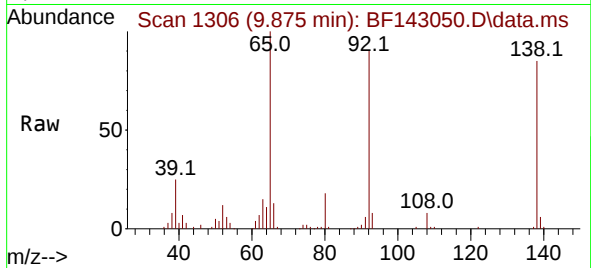




#53
3-Nitroaniline
Concen: 30.537 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

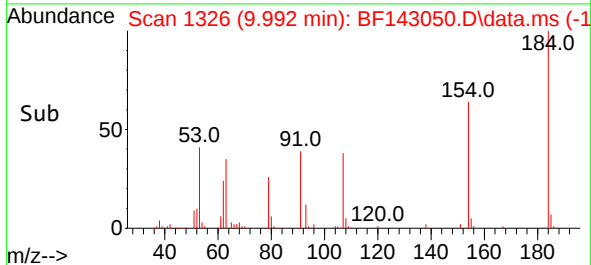
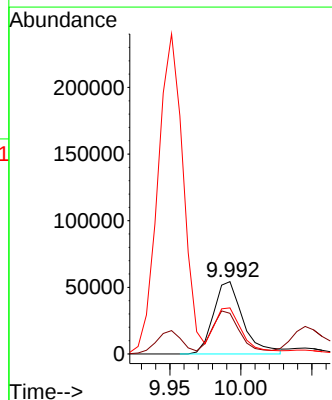
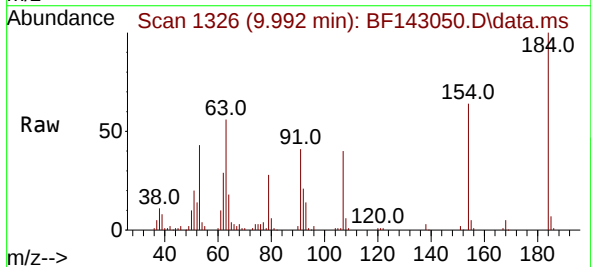
Instrument :
BNA_F
ClientSampleId :
PB168737BS

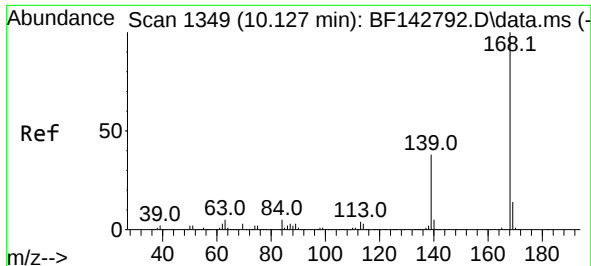
Tgt Ion:138 Resp: 58083
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 105.6 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 90.563 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:184 Resp: 78340
Ion Ratio Lower Upper
184 100
63 56.3 50.6 75.8
154 63.7 51.8 77.8

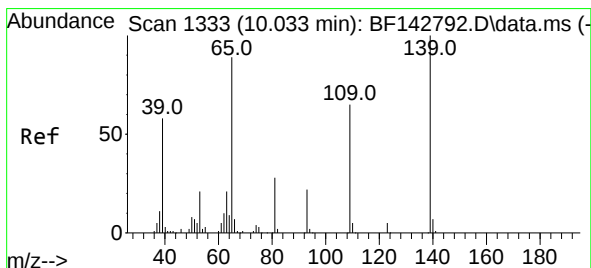
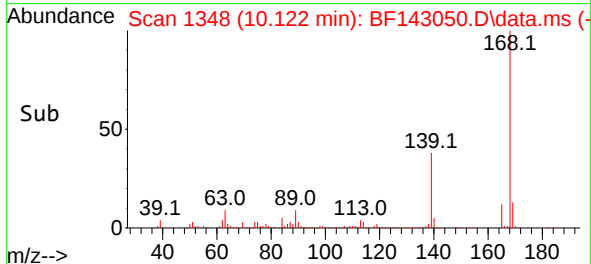
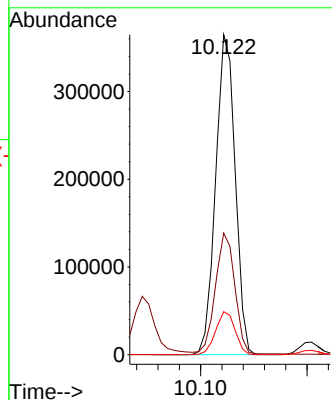
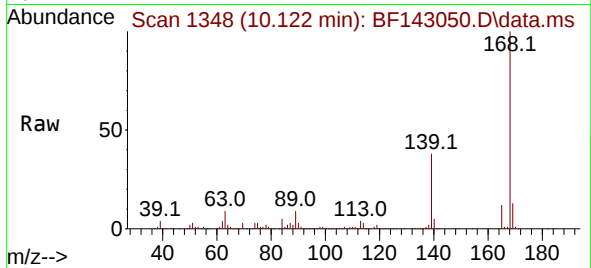




#55
Dibenzenofuran
Concen: 44.673 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

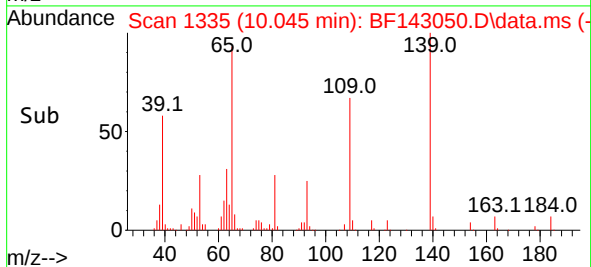
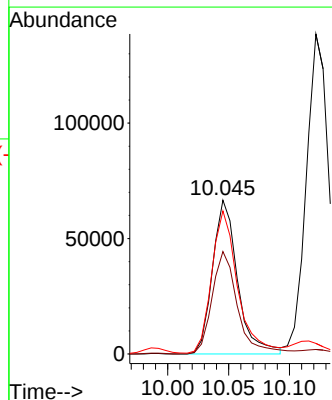
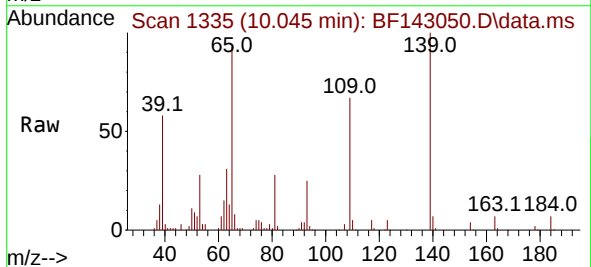
Instrument :
BNA_F
ClientSampleId :
PB168737BS

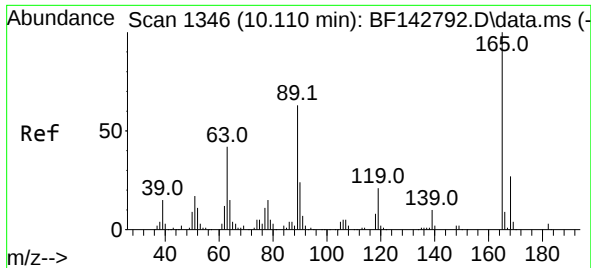
Tgt Ion:168 Resp: 463528
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 73.445 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:139 Resp: 95638
Ion Ratio Lower Upper
139 100
109 66.6 44.7 84.7
65 93.0 69.8 109.8

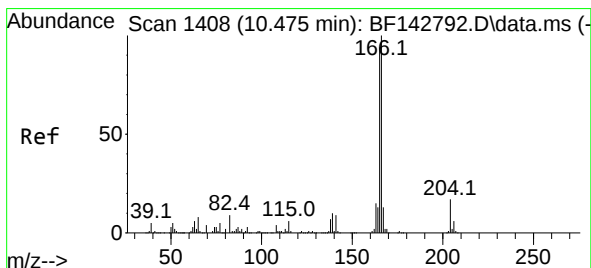
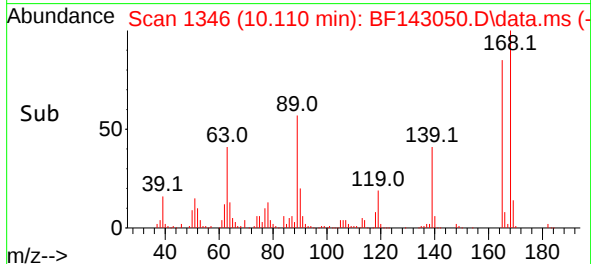
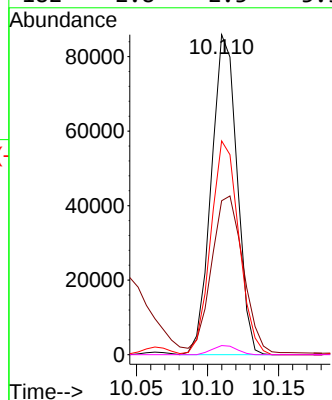
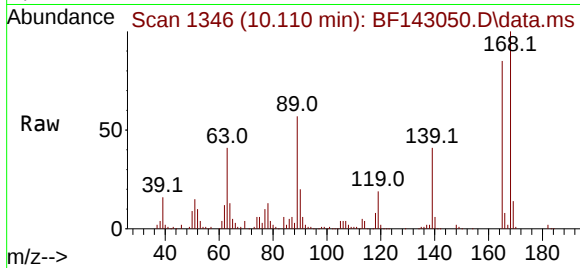




#57
2,4-Dinitrotoluene
Concen: 47.060 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

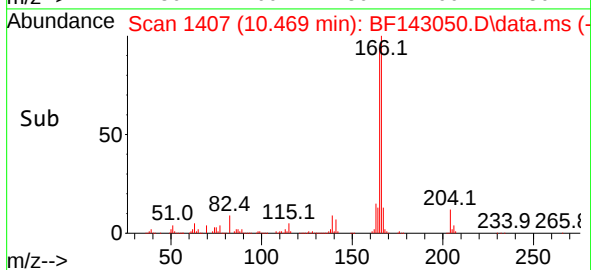
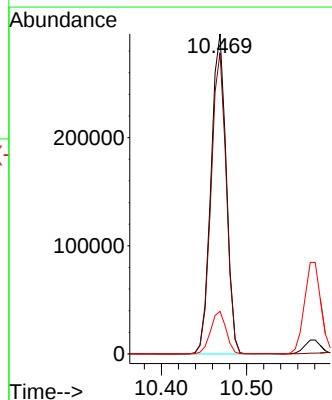
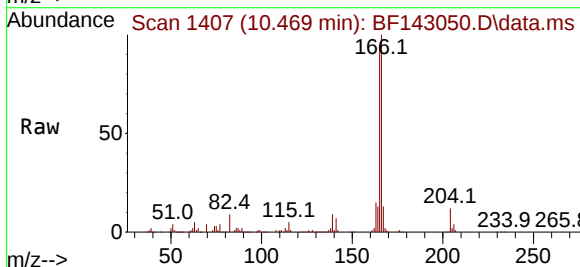
Instrument :
BNA_F
ClientSampleId :
PB168737BS

Tgt Ion:165 Resp: 107991
Ion Ratio Lower Upper
165 100
63 48.1 33.9 50.9
89 66.8 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.504 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:166 Resp: 368742
Ion Ratio Lower Upper
166 100
165 94.1 75.2 112.8
167 13.3 10.6 15.8

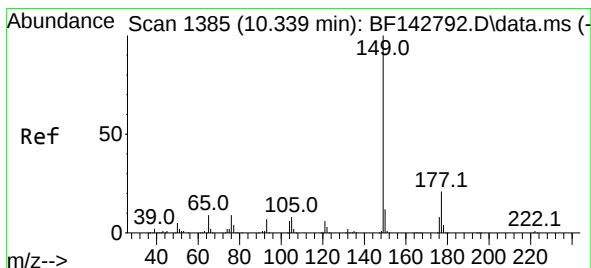
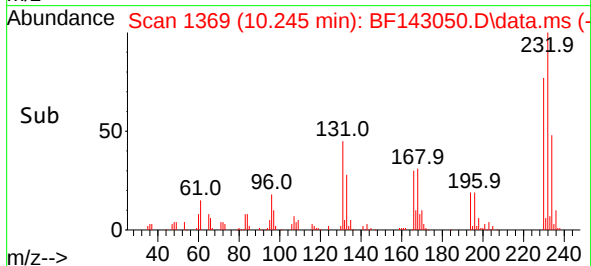
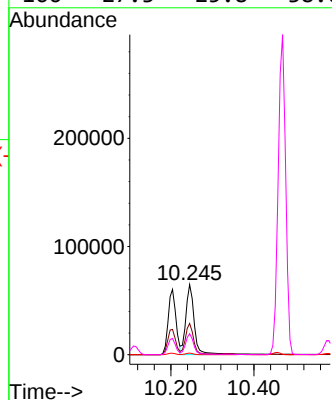
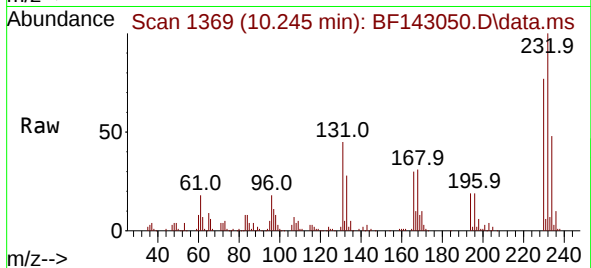




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.145 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

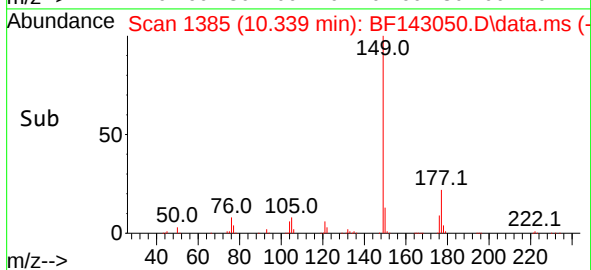
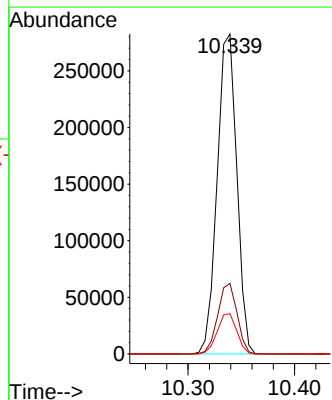
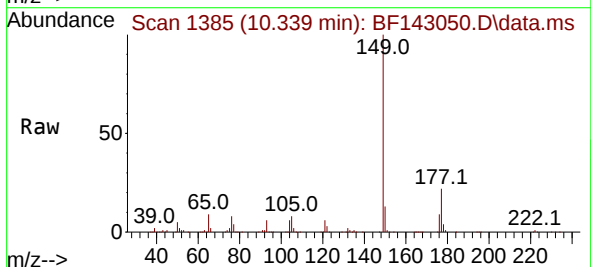
Instrument :
BNA_F
ClientSampleId :
PB168737BS

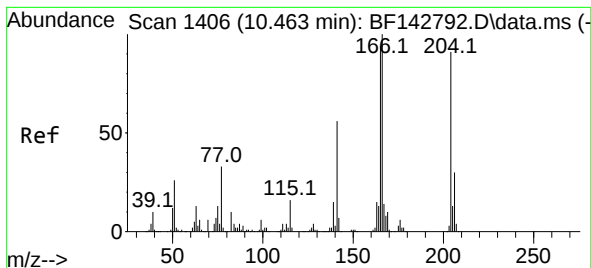
Tgt Ion:232 Resp: 91493
Ion Ratio Lower Upper
232 100
131 42.3 37.6 56.4
130 2.1 1.7 2.5
166 27.3 25.8 38.6



#60
Diethylphthalate
Concen: 46.839 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:149 Resp: 361272
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 12.6 9.8 14.6

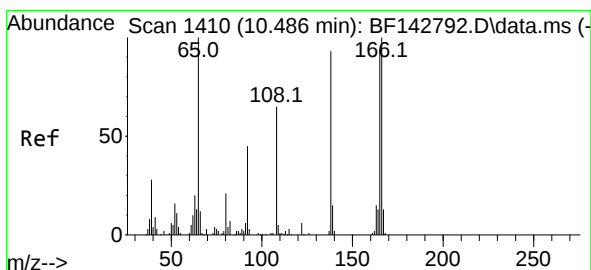
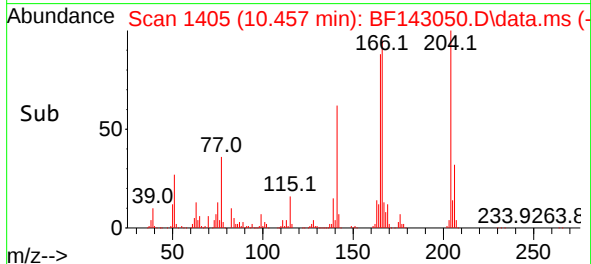
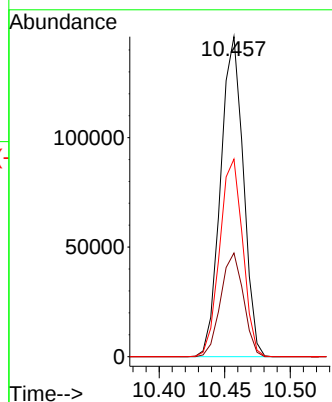
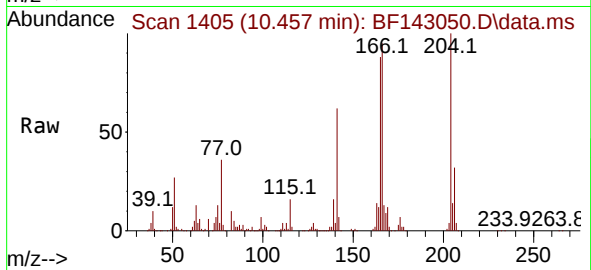




#61
4-Chlorophenyl-phenylether
Concen: 45.525 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

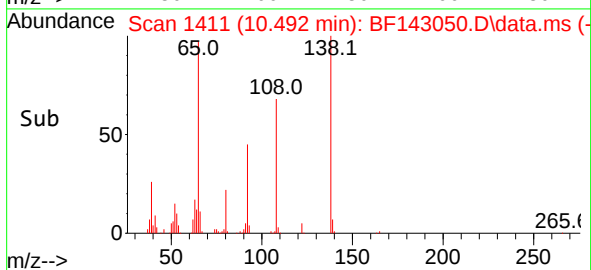
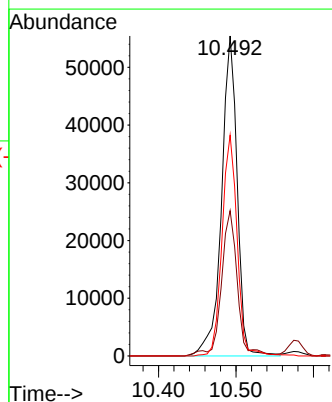
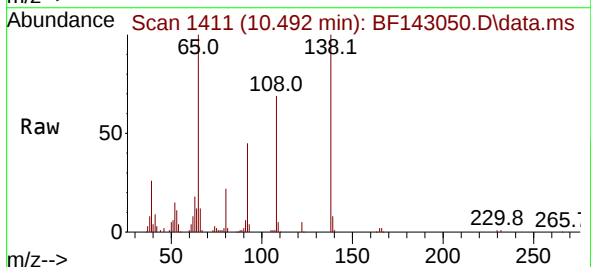
Instrument :
BNA_F
ClientSampleId :
PB168737BS

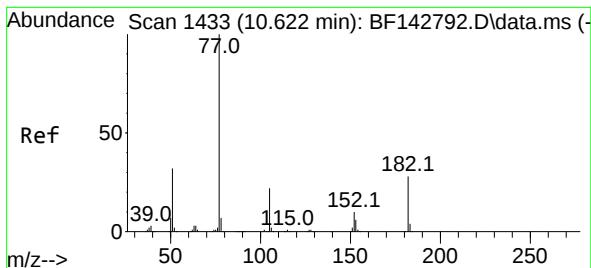
Tgt Ion:204 Resp: 176041
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 61.8 49.1 73.7



#62
4-Nitroaniline
Concen: 44.655 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:138 Resp: 77682
Ion Ratio Lower Upper
138 100
92 45.4 28.4 68.4
108 69.0 50.2 90.2





#63

Azobenzene

Concen: 45.067 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

Tgt Ion: 77 Resp: 310675

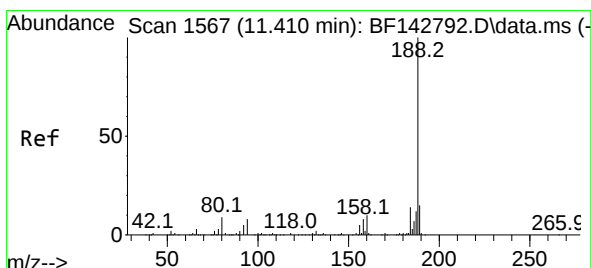
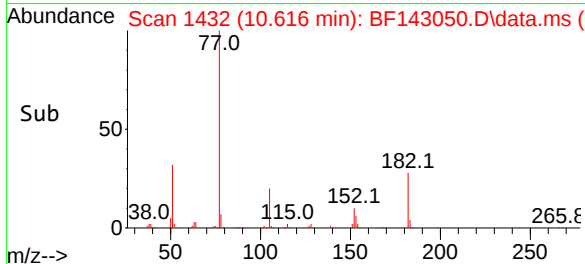
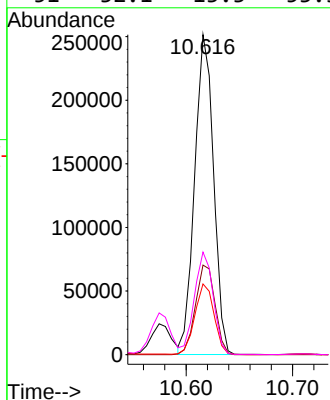
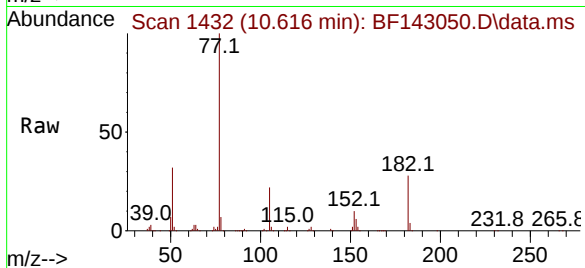
Ion Ratio Lower Upper

77 100

182 28.0 7.7 47.7

105 22.1 1.9 41.9

51 32.1 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: BF143050.D

Acq: 09 Jul 2025 11:54

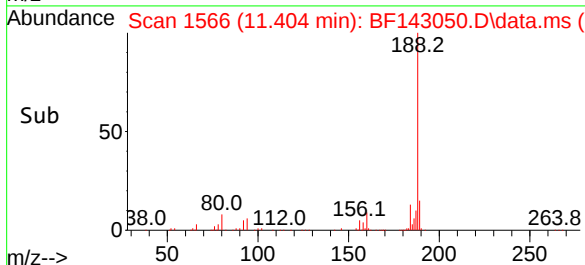
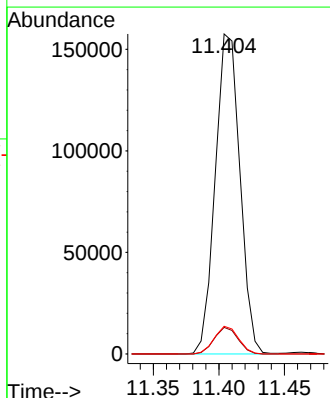
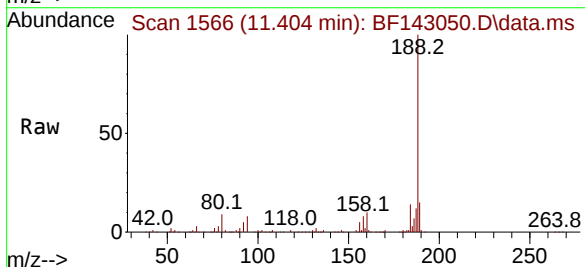
Tgt Ion: 188 Resp: 206226

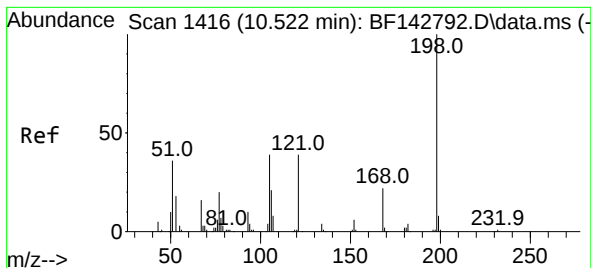
Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.6 6.9 10.3

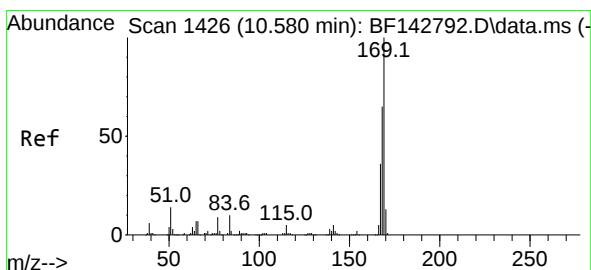
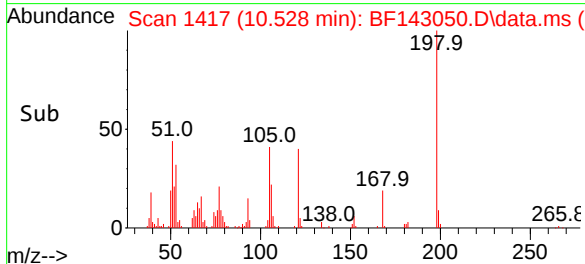
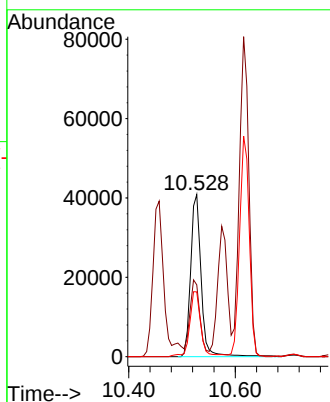
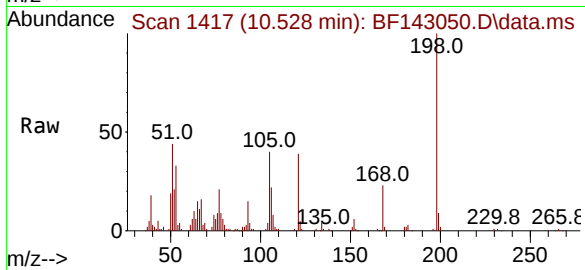




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.878 ng
 RT: 10.528 min Scan# 1416
 Delta R.T. 0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

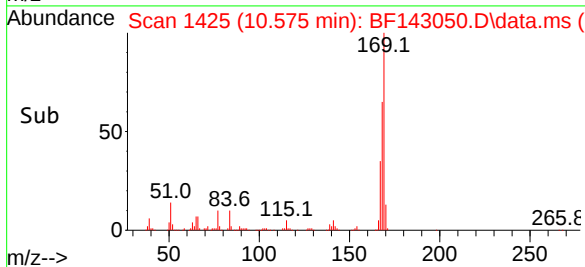
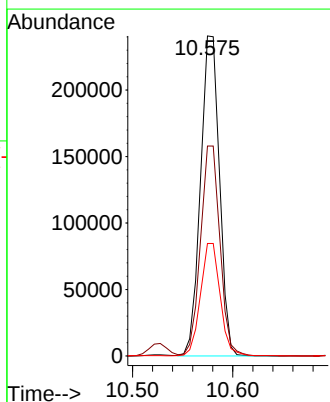
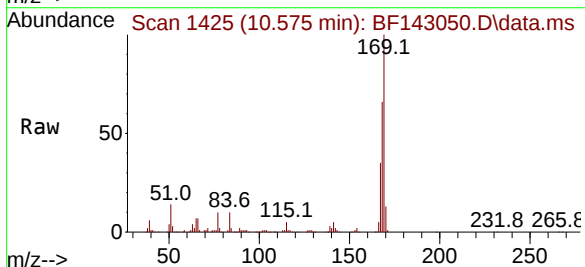
Instrument :
 BNA_F
 ClientSampleId :
 PB168737BS

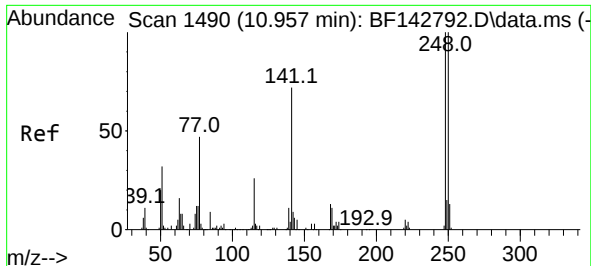
Tgt Ion:198 Resp: 55980
 Ion Ratio Lower Upper
 198 100
 51 44.3 25.4 65.4
 105 39.9 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 44.408 ng
 RT: 10.575 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Tgt Ion:169 Resp: 317396
 Ion Ratio Lower Upper
 169 100
 168 65.6 51.9 77.9
 167 35.1 28.5 42.7

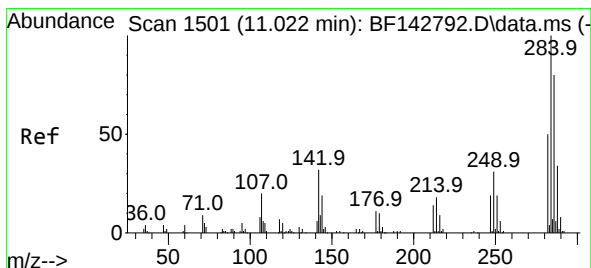
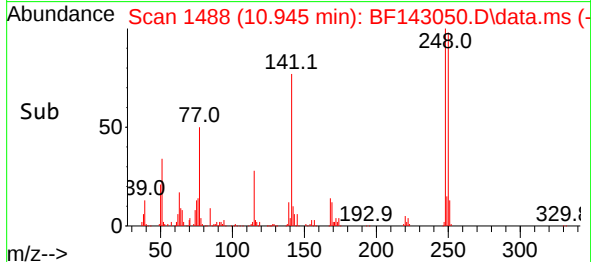
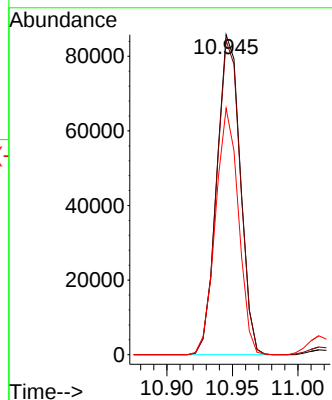
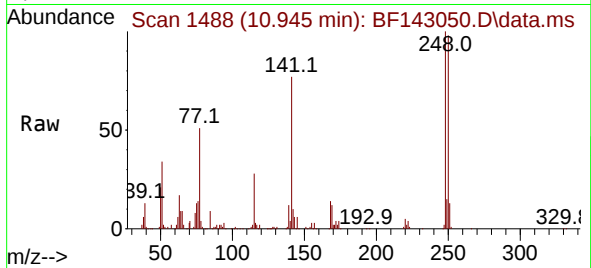




#67
4-Bromophenyl-phenylether
Concen: 45.492 ng
RT: 10.945 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

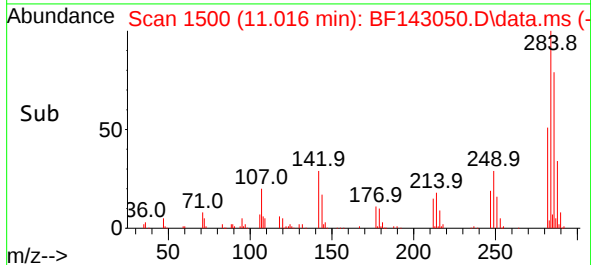
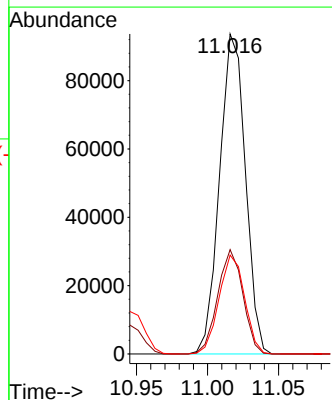
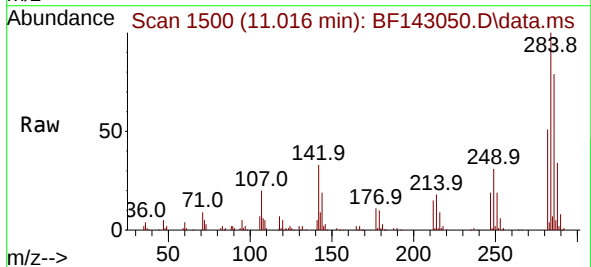
Instrument :
BNA_F
ClientSampleId :
PB168737BS

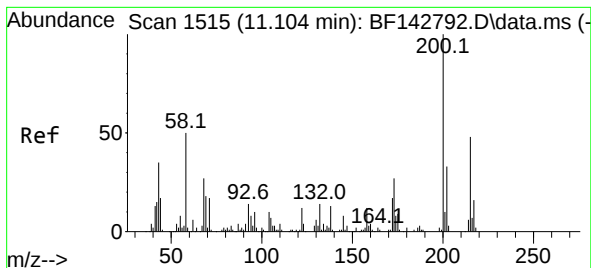
Tgt Ion:248 Resp: 106772
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 77.0 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.388 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:284 Resp: 118369
Ion Ratio Lower Upper
284 100
142 32.6 25.5 38.3
249 30.9 24.9 37.3





#69

Atrazine

Concen: 50.184 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

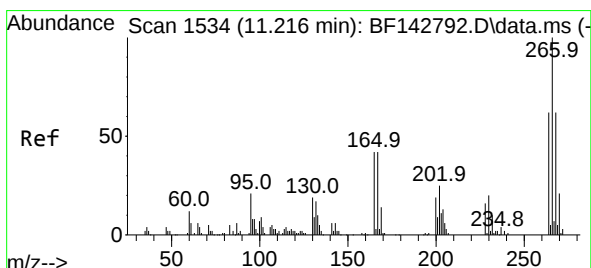
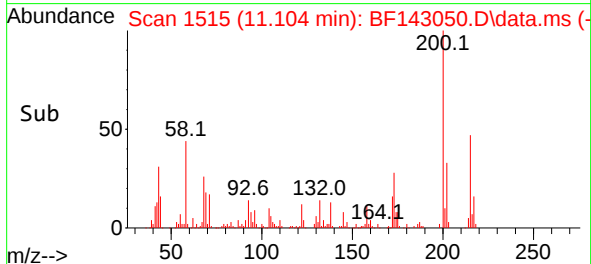
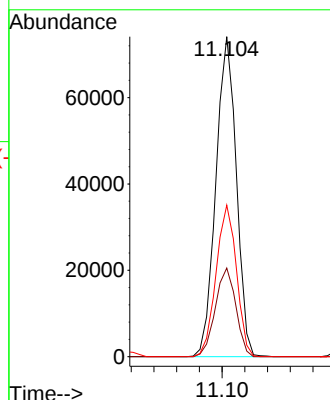
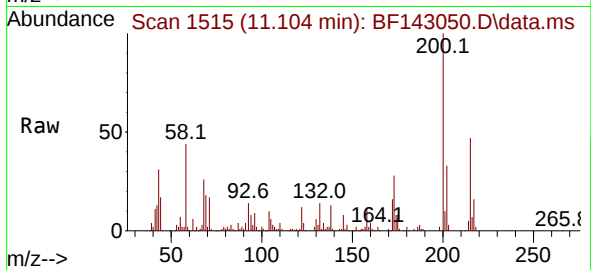
Tgt Ion:200 Resp: 92623

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 47.3 28.4 68.4



#70

Pentachlorophenol

Concen: 72.305 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

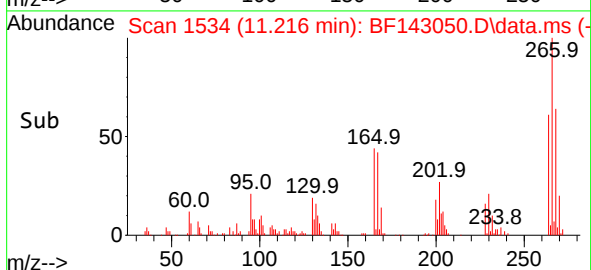
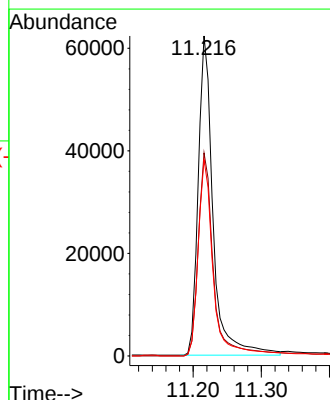
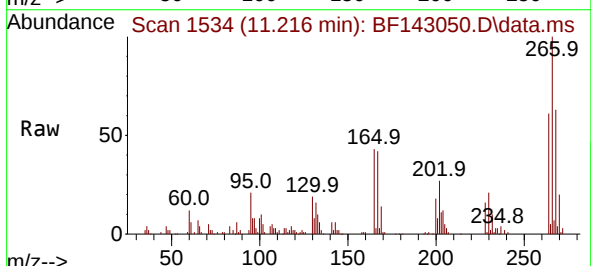
Tgt Ion:266 Resp: 93964

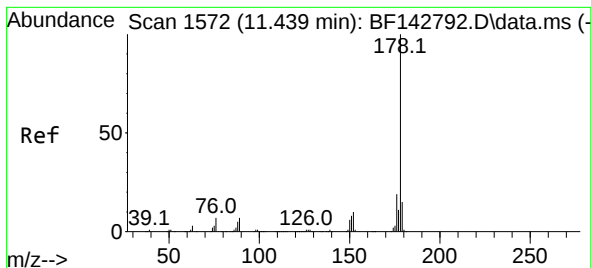
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.8

264 61.4 49.9 74.9





#71

Phenanthrene

Concen: 43.912 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

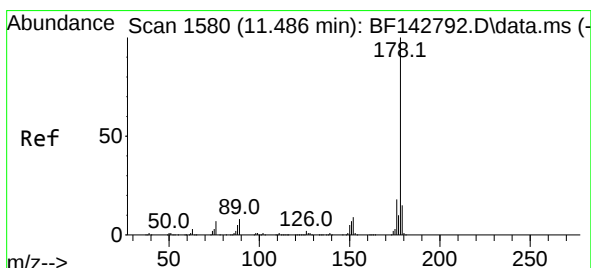
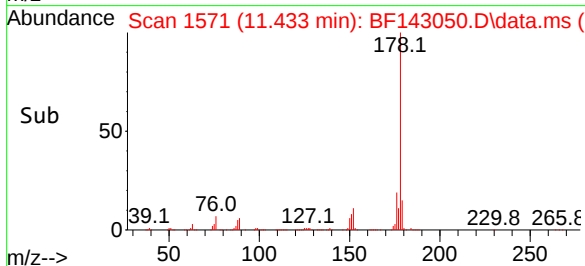
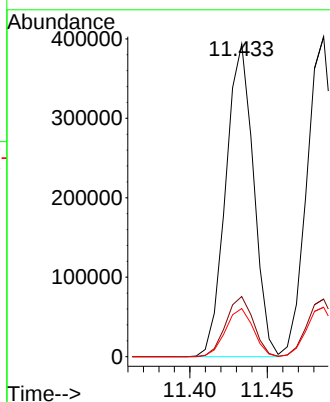
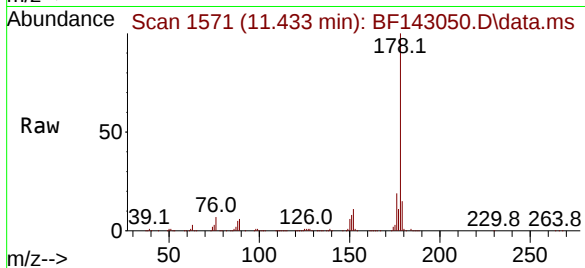
Tgt Ion:178 Resp: 490556

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.4 12.0 18.0



#72

Anthracene

Concen: 44.238 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

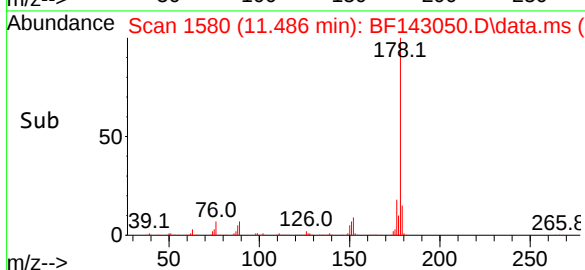
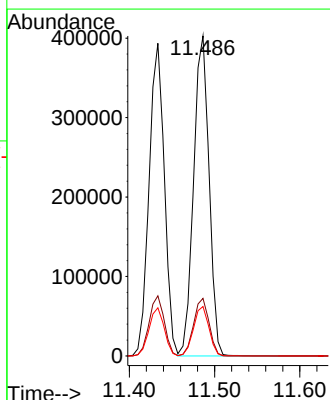
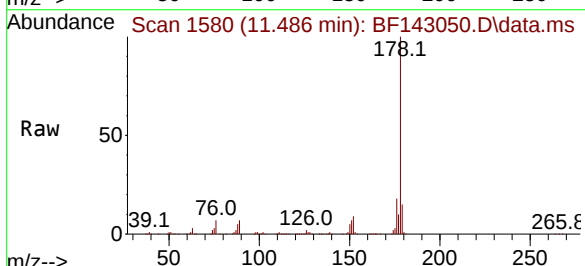
Tgt Ion:178 Resp: 506842

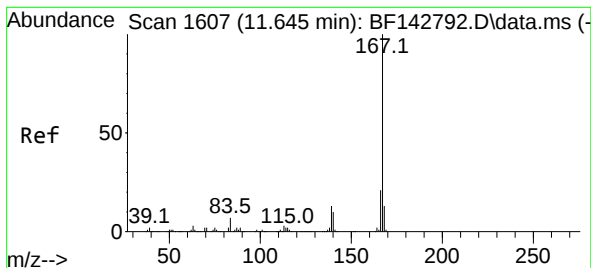
Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.225 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

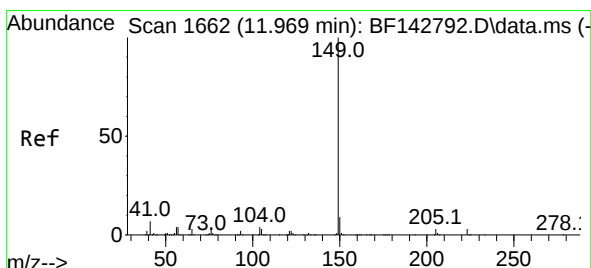
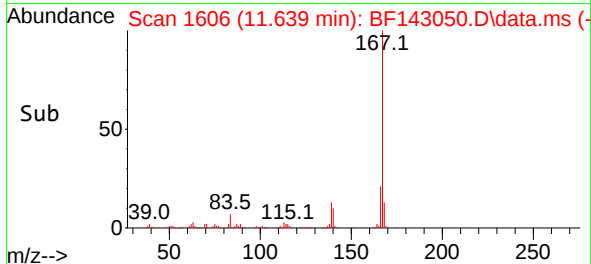
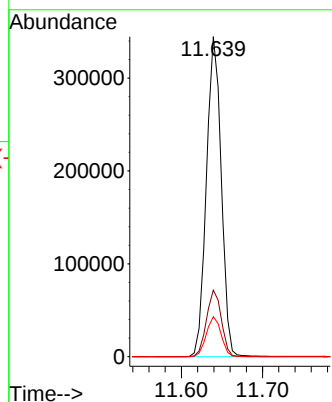
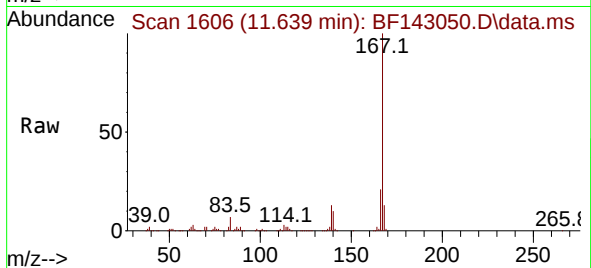
Tgt Ion:167 Resp: 437258

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.4

139 12.5 10.2 15.2



#74

Di-n-butylphthalate

Concen: 48.431 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

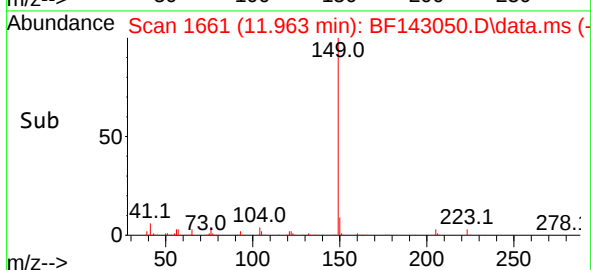
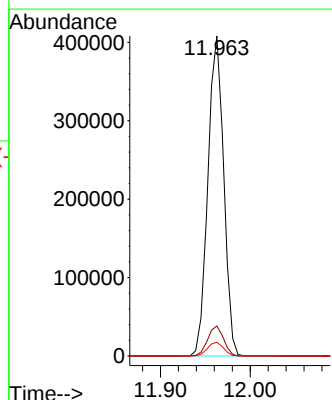
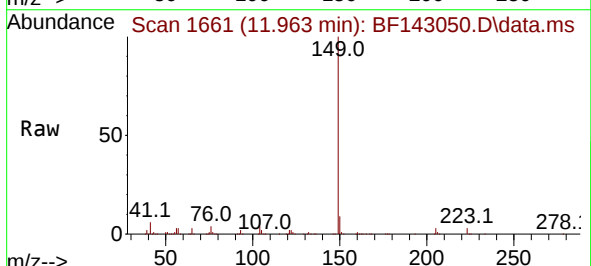
Tgt Ion:149 Resp: 498833

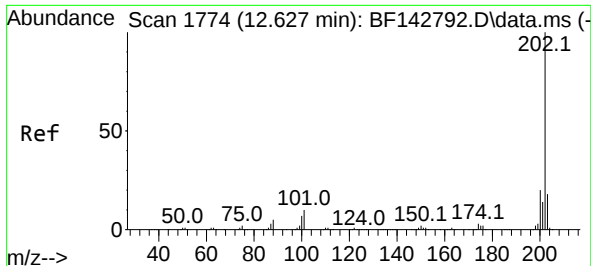
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.3 3.5 5.3

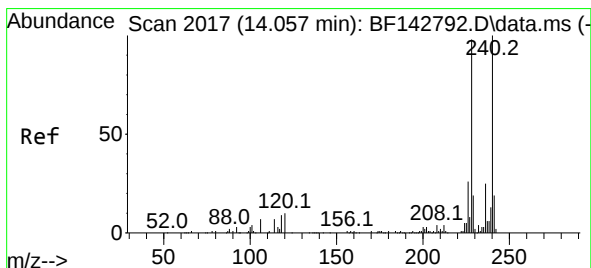
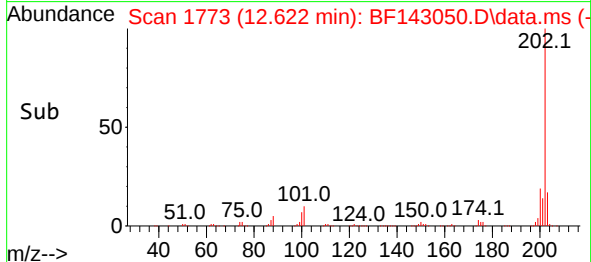
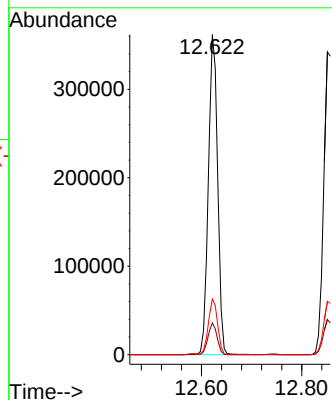
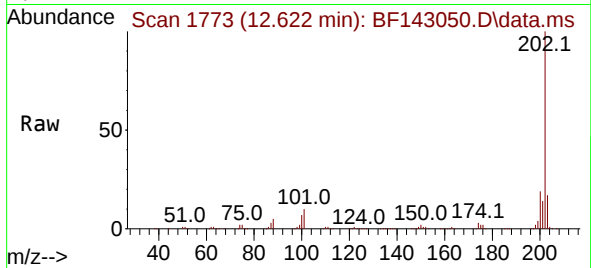




#75
Fluoranthene
Concen: 43.887 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

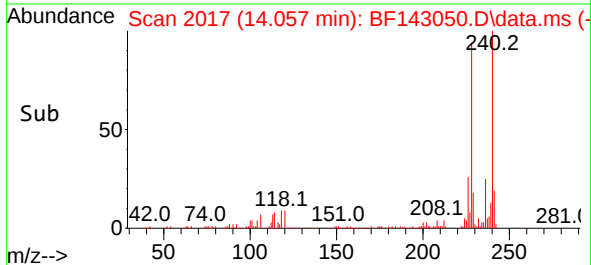
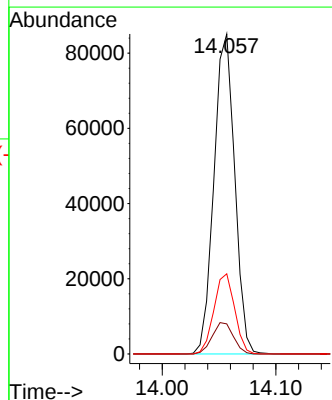
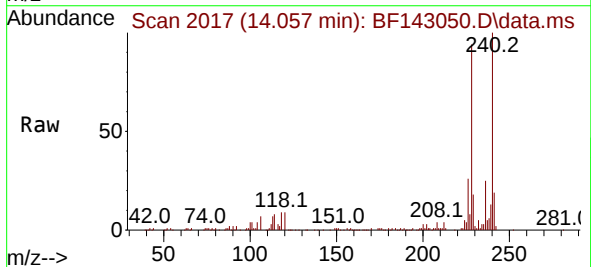
Instrument :
BNA_F
ClientSampleId :
PB168737BS

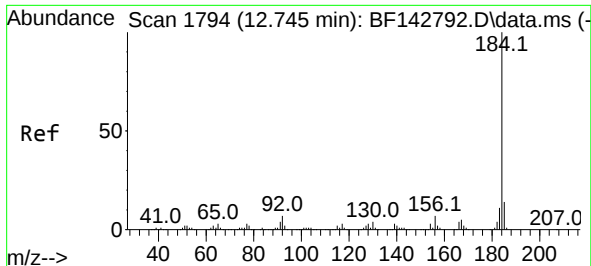
Tgt Ion:202 Resp: 465293
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:240 Resp: 108155
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.1 19.8 29.8

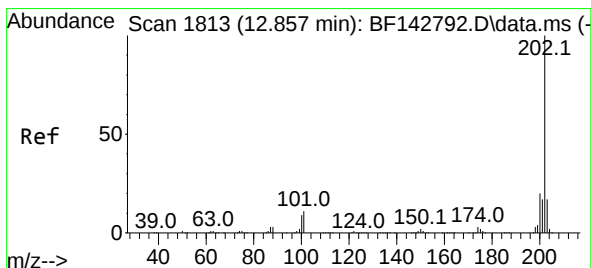
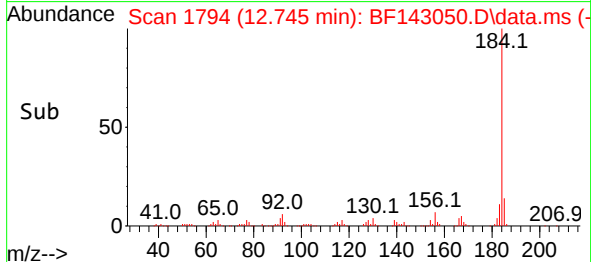
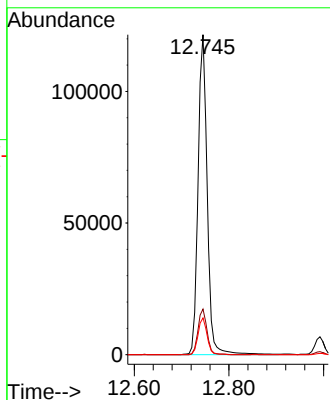
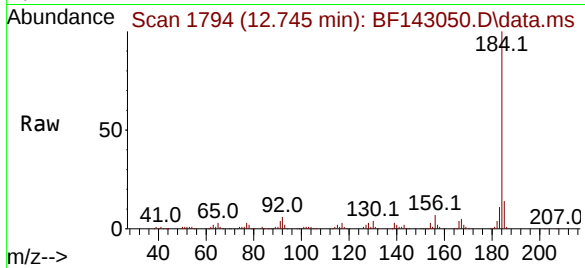




#77
Benzidine
Concen: 40.090 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

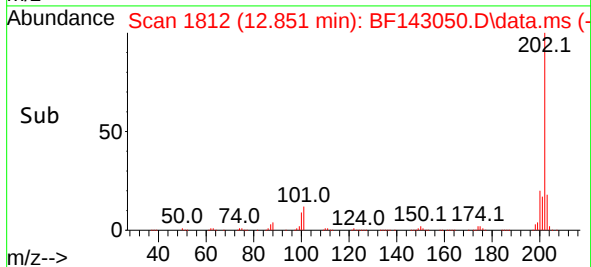
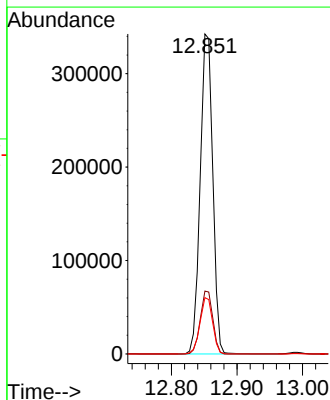
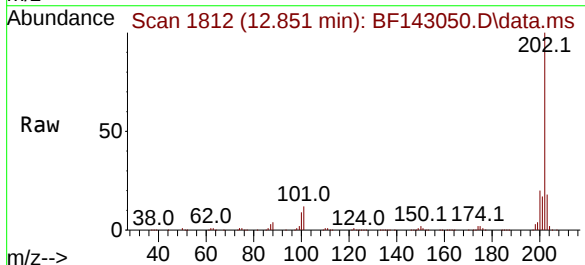
Instrument :
BNA_F
ClientSampleId :
PB168737BS

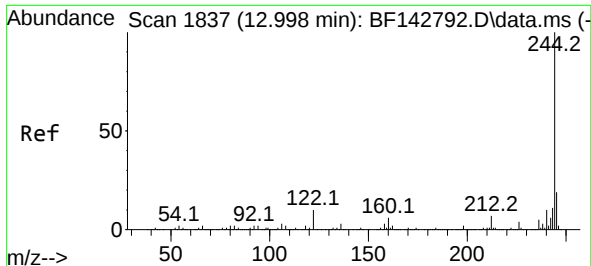
Tgt Ion:184 Resp: 162907
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.5 9.0 13.4



#78
Pyrene
Concen: 45.191 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:202 Resp: 458140
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.6 13.8 20.6

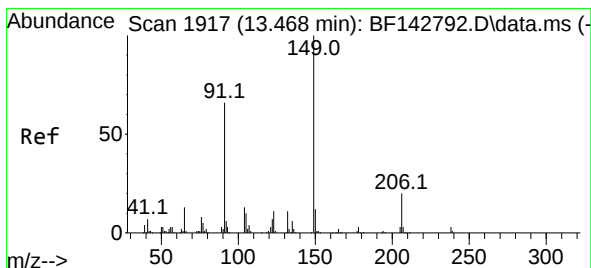
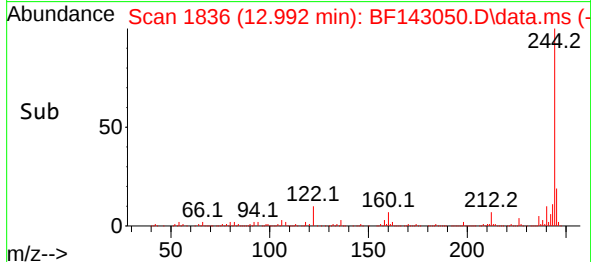
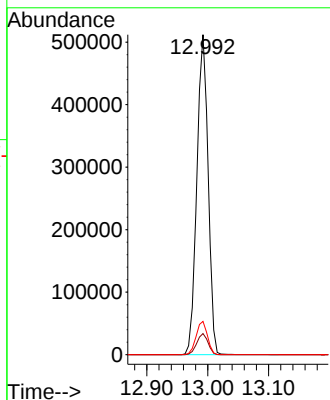
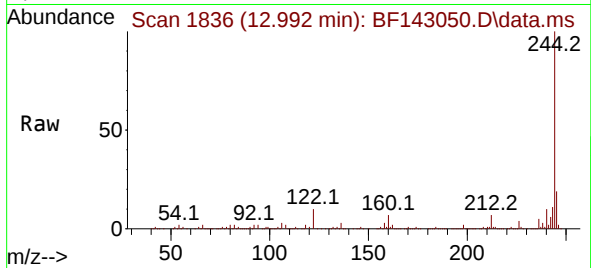




#79
 Terphenyl-d14
 Concen: 84.109 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

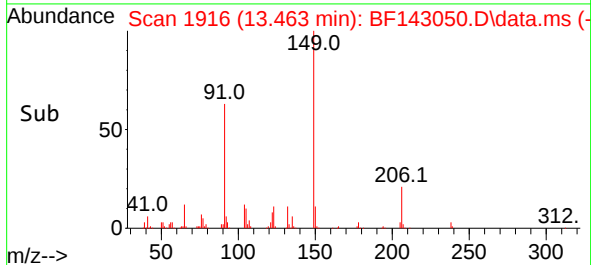
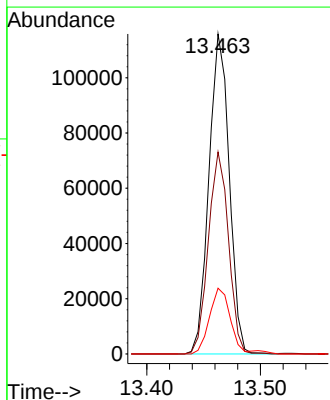
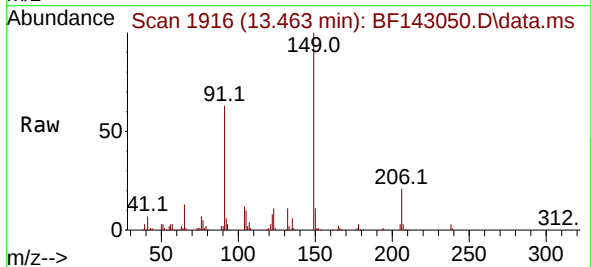
Instrument :
 BNA_F
 ClientSampleId :
 PB168737BS

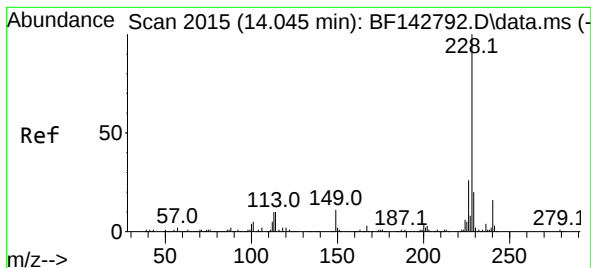
Tgt Ion:244 Resp: 658375
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.970 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Tgt Ion:149 Resp: 144006
 Ion Ratio Lower Upper
 149 100
 91 63.1 52.9 79.3
 206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.435 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

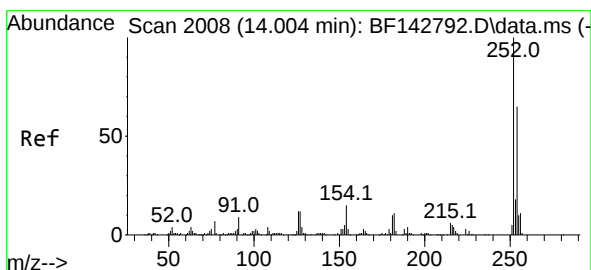
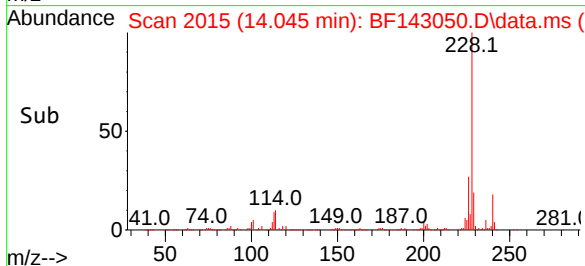
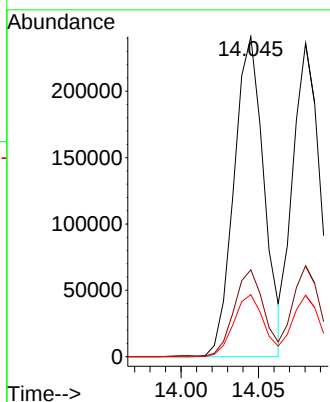
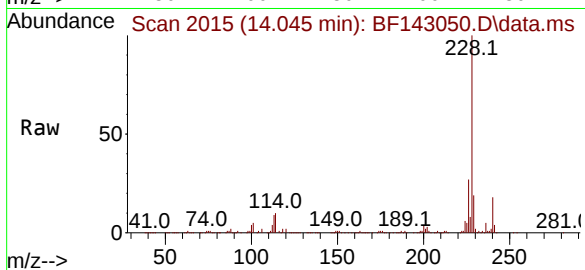
Tgt Ion:228 Resp: 324209

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 24.902 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

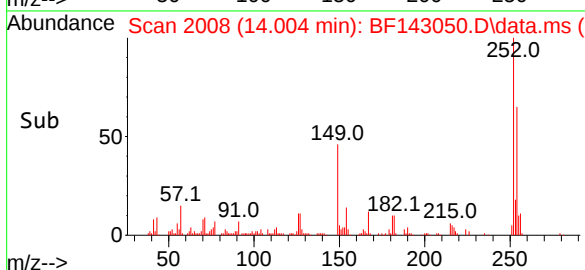
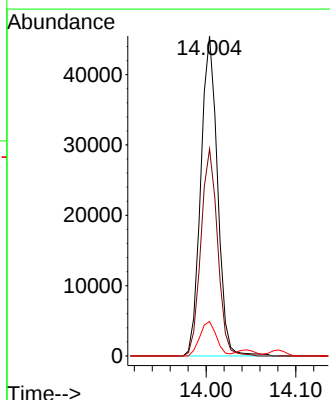
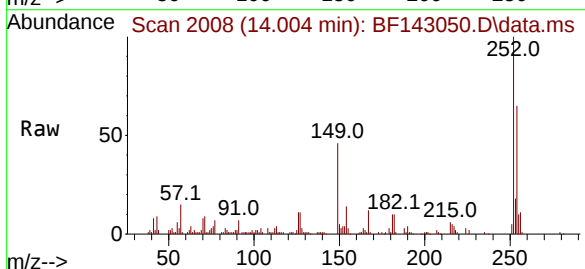
Tgt Ion:252 Resp: 58933

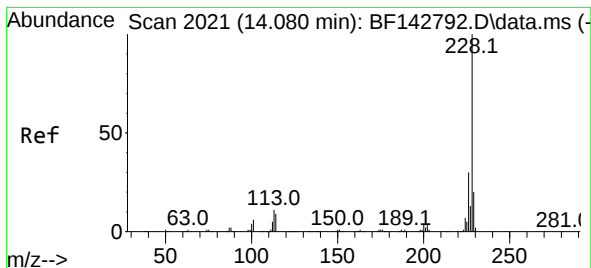
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 10.8 9.4 14.2





#83

Chrysene

Concen: 44.143 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

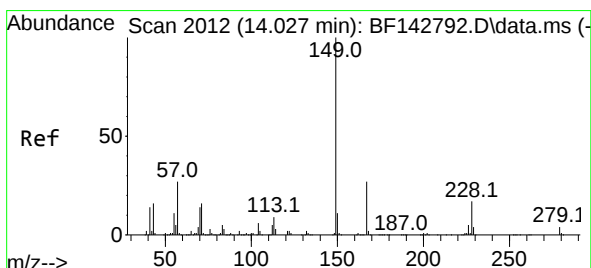
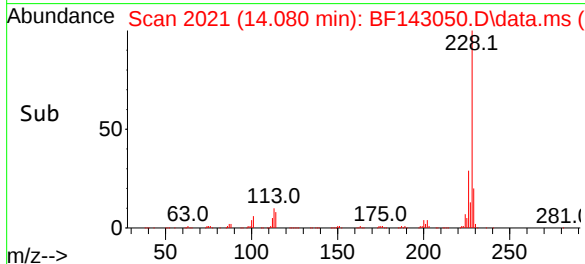
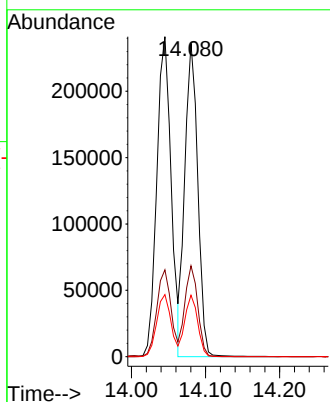
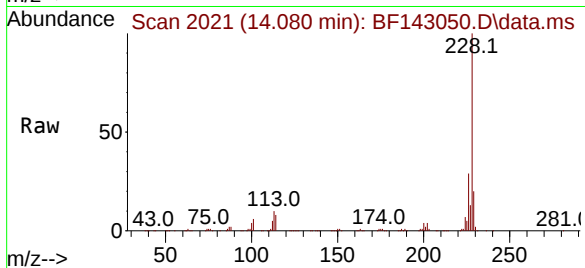
Tgt Ion:228 Resp: 287397

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.071 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

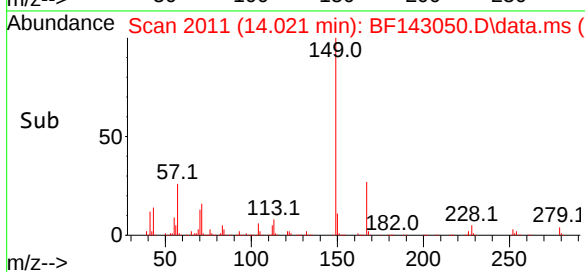
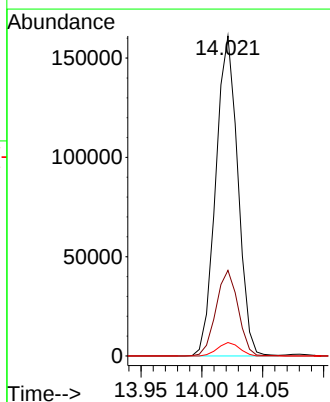
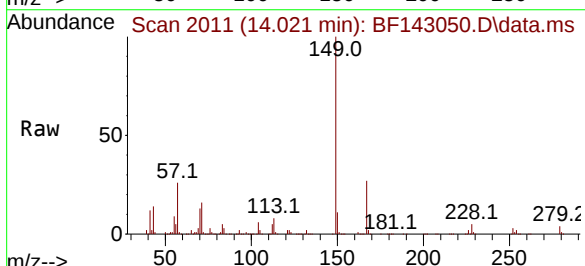
Tgt Ion:149 Resp: 203388

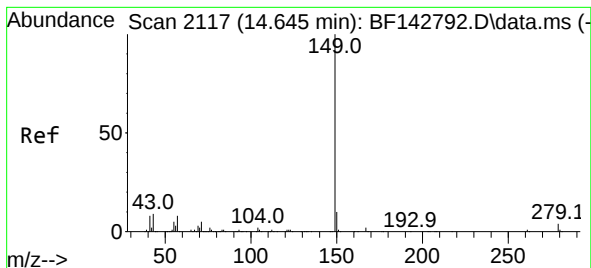
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.2 3.0 4.6

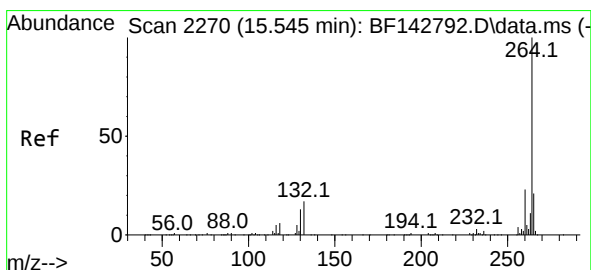
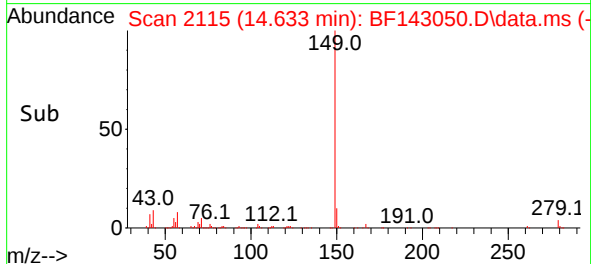
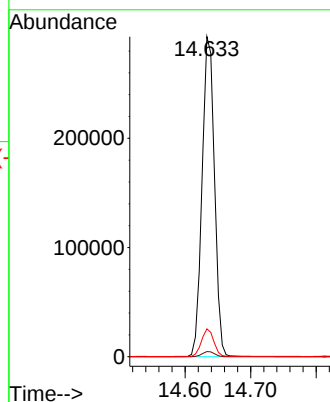
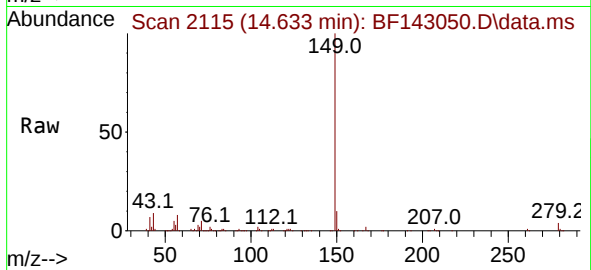




#85
Di-n-octyl phthalate
Concen: 48.561 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

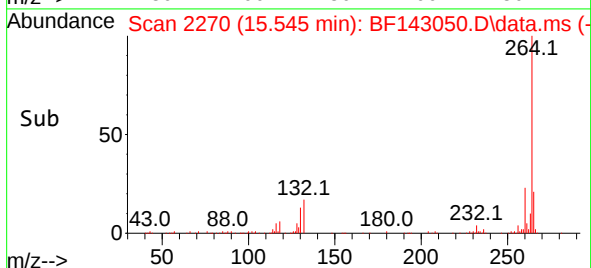
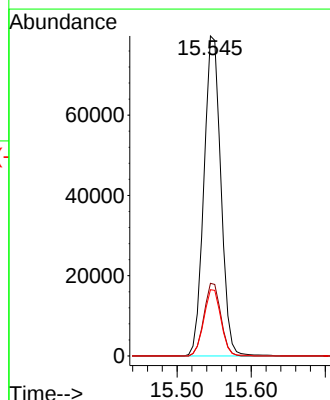
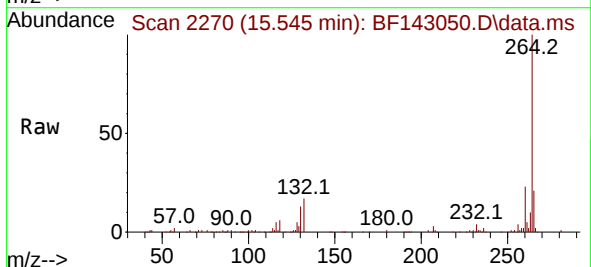
Instrument :
BNA_F
ClientSampleId :
PB168737BS

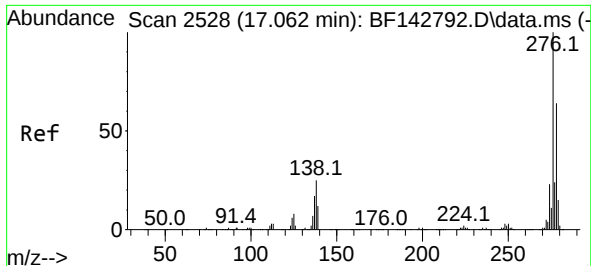
Tgt Ion:149 Resp: 387425
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:264 Resp: 126456
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 20.7 16.6 25.0

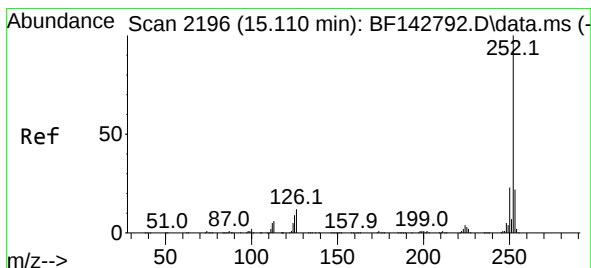
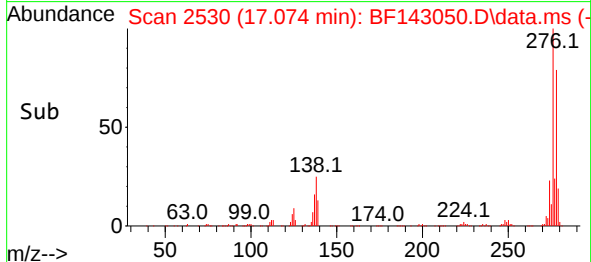
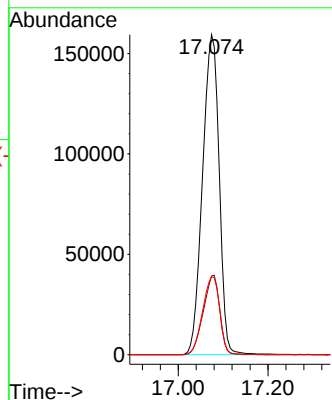
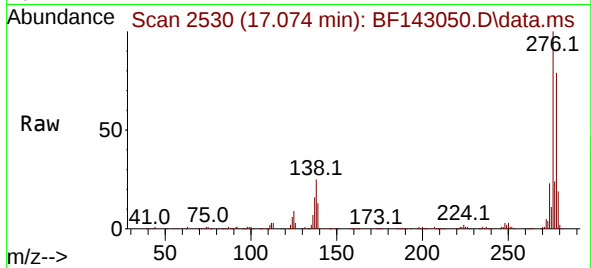




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.597 ng
RT: 17.074 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

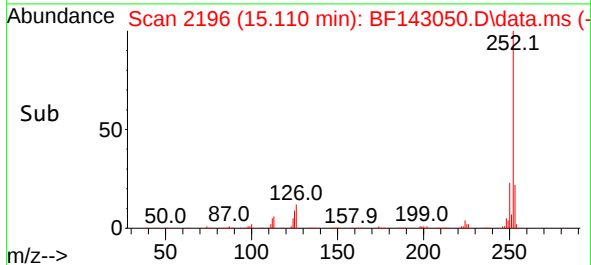
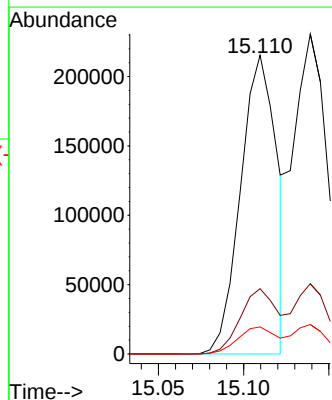
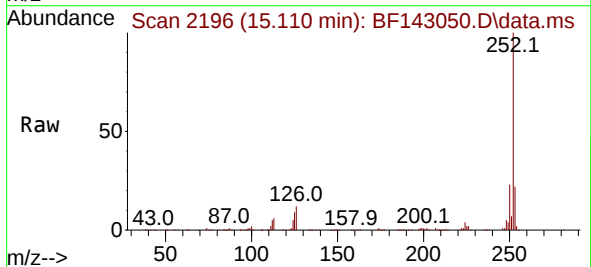
Instrument :
BNA_F
ClientSampleId :
PB168737BS

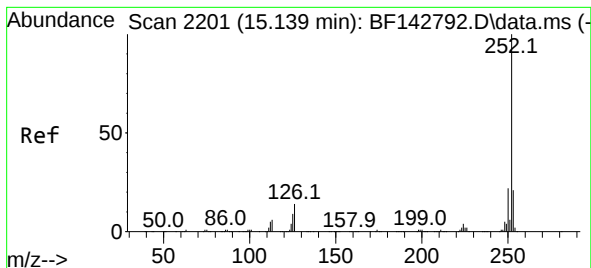
Tgt Ion:276 Resp: 410298
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 43.230 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143050.D
Acq: 09 Jul 2025 11:54

Tgt Ion:252 Resp: 316328
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.444 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168737BS

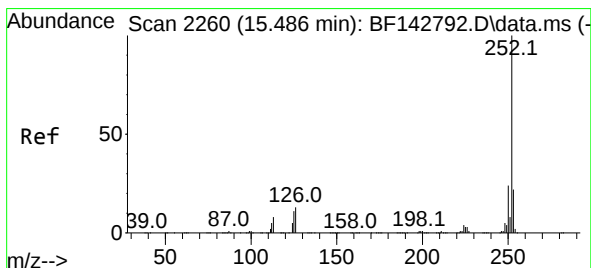
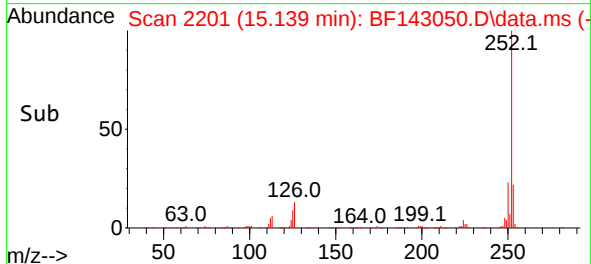
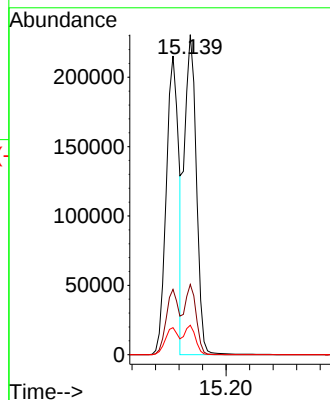
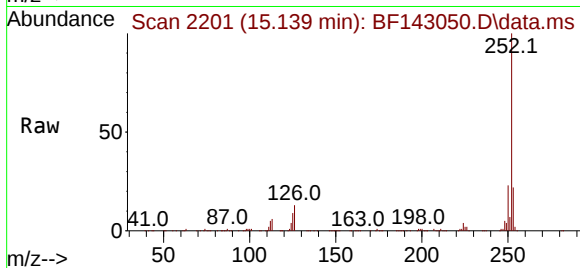
Tgt Ion:252 Resp: 324795

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.135 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143050.D

Acq: 09 Jul 2025 11:54

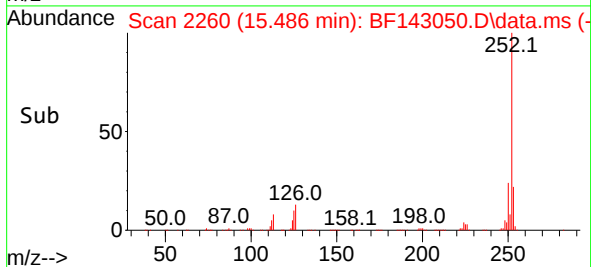
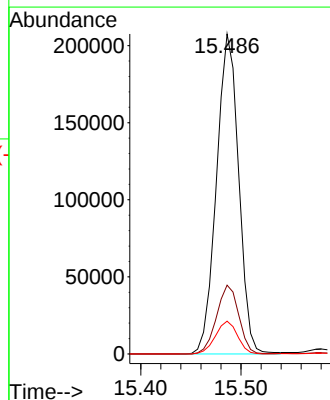
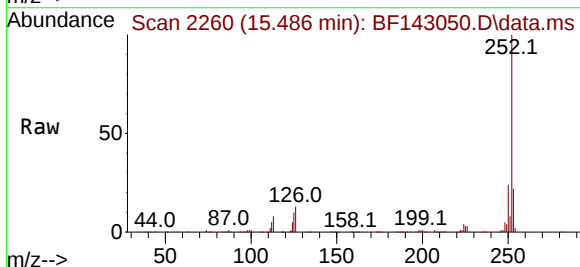
Tgt Ion:252 Resp: 319058

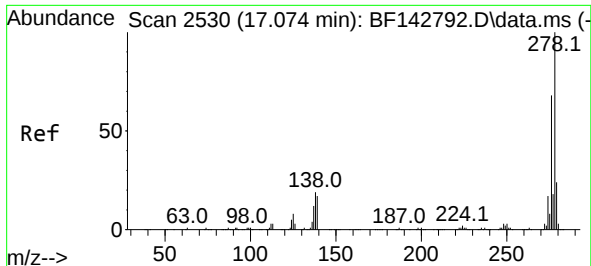
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.3 8.6 12.8

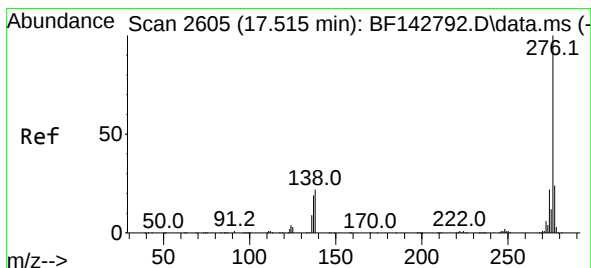
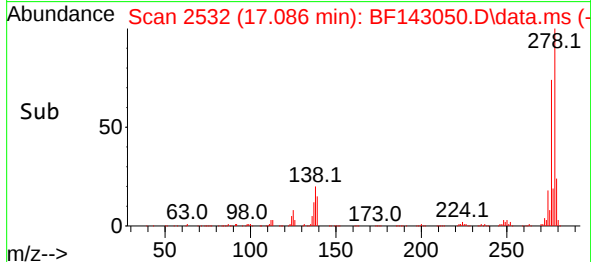
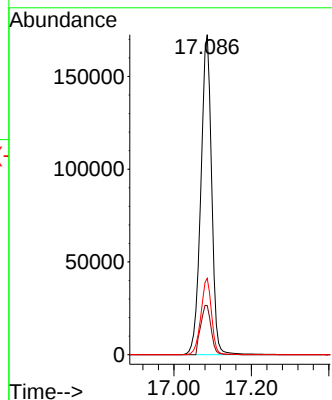
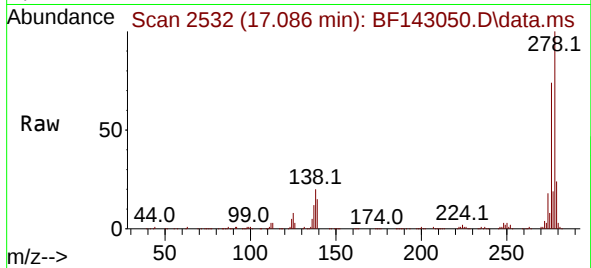




#91
 Dibenzo(a,h)anthracene
 Concen: 42.503 ng
 RT: 17.086 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BS

Tgt Ion:278 Resp: 332637
 Ion Ratio Lower Upper
 278 100
 139 15.4 13.5 20.3
 279 23.8 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 41.934 ng
 RT: 17.533 min Scan# 2608
 Delta R.T. 0.018 min
 Lab File: BF143050.D
 Acq: 09 Jul 2025 11:54

Tgt Ion:276 Resp: 327253
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 20.1 17.6 26.4

