

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143077.D
 Acq On : 11 Jul 2025 15:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 11 17:41:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:21:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	136023	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	514717	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	256315	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	367747	20.000	ng	0.00
76) Chrysene-d12	14.127	240	207174	20.000	ng	0.00
86) Perylene-d12	15.633	264	253467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	999721	116.761	ng	0.00
7) Phenol-d6	6.593	99	1244659	114.890	ng	0.00
23) Nitrobenzene-d5	7.528	82	996414	138.335	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	260665	137.400	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1812926	111.173	ng	0.00
79) Terphenyl-d14	13.075	244	1327223	110.676	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	239770	59.581	ng	98
3) Pyridine	3.575	79	582043	58.962	ng	99
4) n-Nitrosodimethylamine	3.522	42	329066	60.081	ng	99
6) Aniline	6.634	93	633259	58.689	ng	100
8) 2-Chlorophenol	6.757	128	506845	58.720	ng	97
9) Benzaldehyde	6.516	77	357011	55.062	ng	99
10) Phenol	6.604	94	678997	60.434	ng	100
11) bis(2-Chloroethyl)ether	6.704	93	502208	56.946	ng	100
12) 1,3-Dichlorobenzene	6.916	146	554512	56.982	ng	99
13) 1,4-Dichlorobenzene	6.987	146	559723	57.425	ng	100
14) 1,2-Dichlorobenzene	7.146	146	514487	56.707	ng	99
15) Benzyl Alcohol	7.104	79	487579	60.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.246	45	907932	56.504	ng	99
17) 2-Methylphenol	7.210	107	418360	58.653	ng	99
18) Hexachloroethane	7.487	117	191037	60.916	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	377597	56.634	ng	99
20) 3+4-Methylphenols	7.363	107	511022	58.000	ng	# 88
22) Acetophenone	7.375	105	694355	57.748	ng	98
24) Nitrobenzene	7.551	77	532121	70.874	ng	98
25) Isophorone	7.787	82	932429	59.625	ng	99
26) 2-Nitrophenol	7.863	139	208390	63.583	ng	99
27) 2,4-Dimethylphenol	7.893	122	349150	61.596	ng	98
28) bis(2-Chloroethoxy)met...	7.993	93	599404	58.278	ng	100
29) 2,4-Dichlorophenol	8.098	162	418598	62.806	ng	99
30) 1,2,4-Trichlorobenzene	8.193	180	446091	58.348	ng	99
31) Naphthalene	8.275	128	1464272	57.561	ng	100
32) Benzoic acid	8.010	122	239037	61.724	ng	98
33) 4-Chloroaniline	8.316	127	506701	58.959	ng	99
34) Hexachlorobutadiene	8.393	225	269094	59.982	ng	99
35) Caprolactam	8.687	113	119561	63.984	ng	96
36) 4-Chloro-3-methylphenol	8.787	107	445469	62.150	ng	99
37) 2-Methylnaphthalene	8.963	142	948116	57.030	ng	100
38) 1-Methylnaphthalene	9.063	142	913240	57.080	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	439254	58.508	ng	99
41) Hexachlorocyclopentadiene	9.122	237	132201	70.584	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	275912	65.761	ng	100

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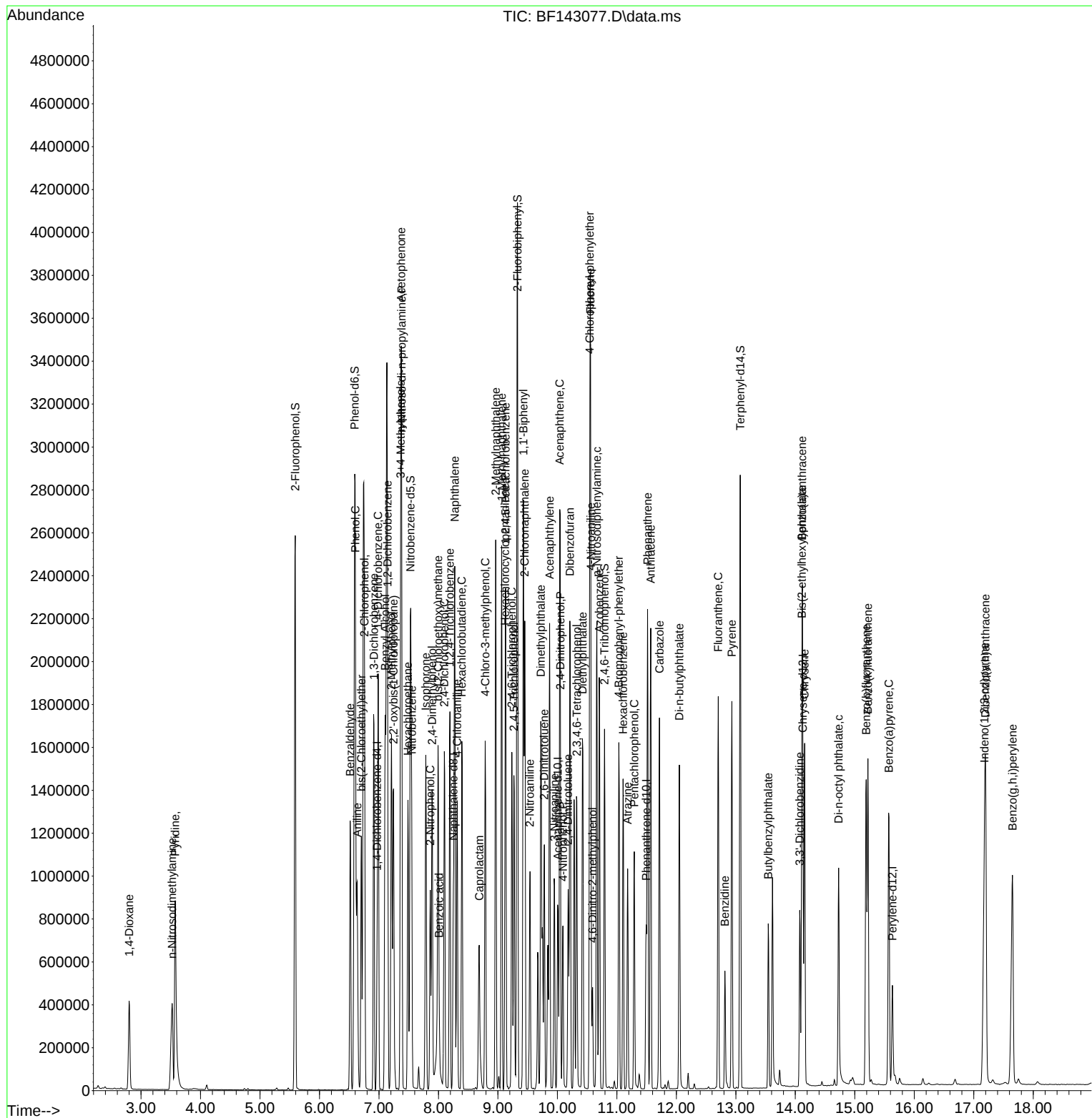
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	289025	66.084	ng	98
46) 1,1'-Biphenyl	9.428	154	1148801	57.077	ng	100
47) 2-Chloronaphthalene	9.451	162	850870	58.373	ng	100
48) 2-Nitroaniline	9.539	65	232812	63.477	ng	96
49) Acenaphthylene	9.869	152	1248659	58.350	ng	100
50) Dimethylphthalate	9.722	163	953606	59.869	ng	100
51) 2,6-Dinitrotoluene	9.781	165	183204	63.591	ng	95
52) Acenaphthene	10.039	154	835533	57.970	ng	100
53) 3-Nitroaniline	9.951	138	197880	63.891	ng	# 97
54) 2,4-Dinitrophenol	10.051	184	48630	64.007	ng	# 1
55) Dibenzofuran	10.210	168	1213430	57.646	ng	98
56) 4-Nitrophenol	10.092	139	145506	63.584	ng	97
57) 2,4-Dinitrotoluene	10.181	165	204655	64.503	ng	97
58) Fluorene	10.557	166	862087	55.949	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	235593	66.854	ng	99
60) Diethylphthalate	10.422	149	884109	60.322	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	441270	57.618	ng	99
62) 4-Nitroaniline	10.563	138	158991	63.668	ng	99
63) Azobenzene	10.704	77	979957	58.732	ng	100
65) 4,6-Dinitro-2-methylph...	10.592	198	78806	63.154	ng	95
66) n-Nitrosodiphenylamine	10.663	169	750732	59.410	ng	99
67) 4-Bromophenyl-phenylether	11.034	248	261296	61.131	ng	99
68) Hexachlorobenzene	11.104	284	259845	60.413	ng	99
69) Atrazine	11.181	200	160273	59.562	ng	99
70) Pentachlorophenol	11.292	266	169934	70.416	ng	99
71) Phenanthrene	11.516	178	1167138	57.913	ng	100
72) Anthracene	11.569	178	1147322	58.412	ng	99
73) Carbazole	11.716	167	942980	58.087	ng	99
74) Di-n-butylphthalate	12.051	149	1063798	66.067	ng	99
75) Fluoranthene	12.704	202	1015362	58.576	ng	100
77) Benzidine	12.816	184	288301	70.117	ng	99
78) Pyrene	12.933	202	1009353	55.766	ng	100
80) Butylbenzylphthalate	13.545	149	227933	62.831	ng	99
81) Benzo(a)anthracene	14.116	228	819361	61.824	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	241061	66.016	ng	99
83) Chrysene	14.157	228	736168	59.233	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	363750	69.393	ng	99
85) Di-n-octyl phthalate	14.727	149	704675	60.467	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	1086880	62.396	ng	99
88) Benzo(b)fluoranthene	15.192	252	886667	59.452	ng	100
89) Benzo(k)fluoranthene	15.221	252	855192	64.928	ng	99
90) Benzo(a)pyrene	15.574	252	811110	63.650	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	891034	62.645	ng	100
92) Benzo(g,h,i)perylene	17.651	276	925529	61.858	ng	99

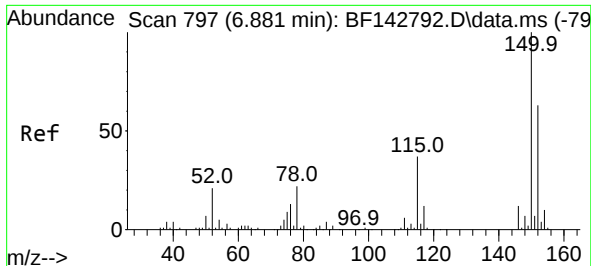
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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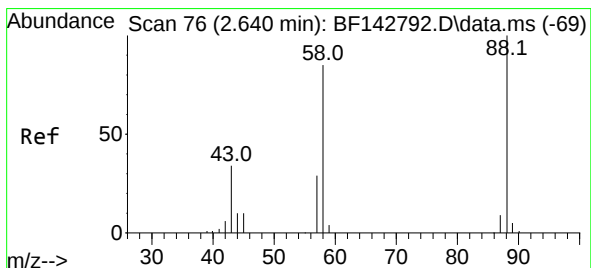
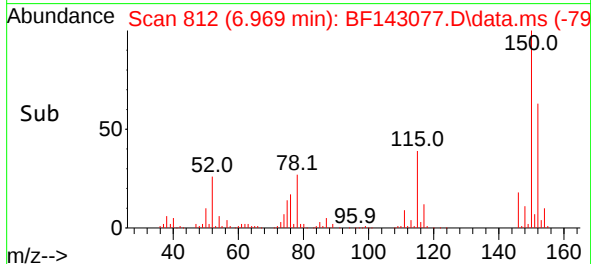
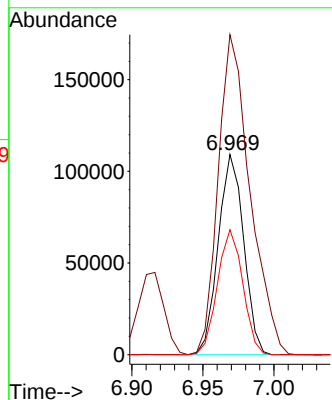
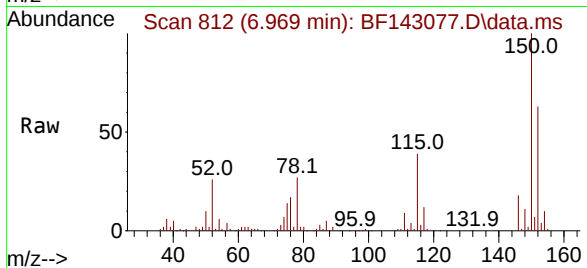




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143077.D
 Acq: 11 Jul 2025 15:19

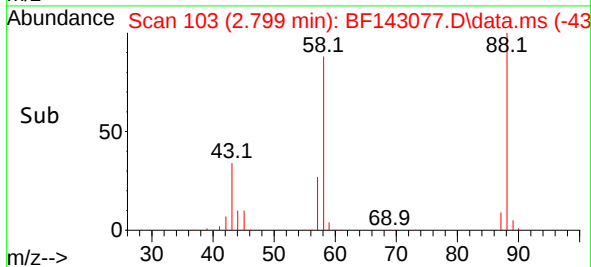
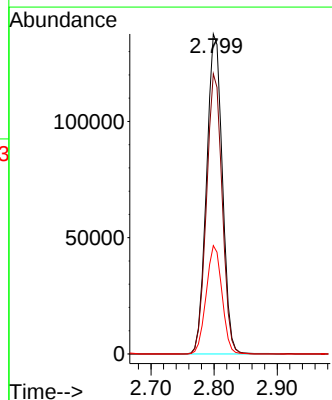
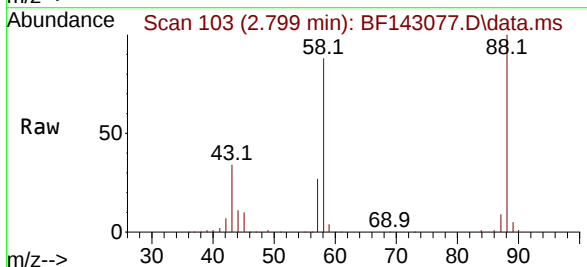
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

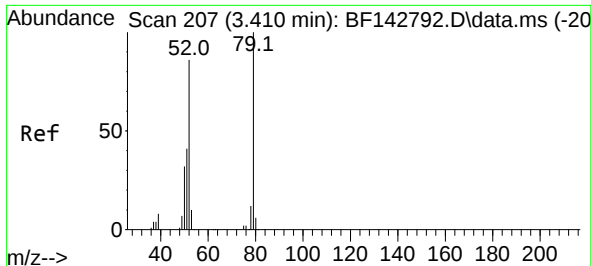
Tgt Ion:152 Resp: 136023
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.6 190.0
 115 62.4 49.8 74.6



#2
 1,4-Dioxane
 Concen: 59.581 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: BF143077.D
 Acq: 11 Jul 2025 15:19

Tgt Ion: 88 Resp: 239770
 Ion Ratio Lower Upper
 88 100
 58 86.7 71.5 107.3
 43 33.8 26.4 39.6





#3

Pyridine

Concen: 58.962 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143077.D

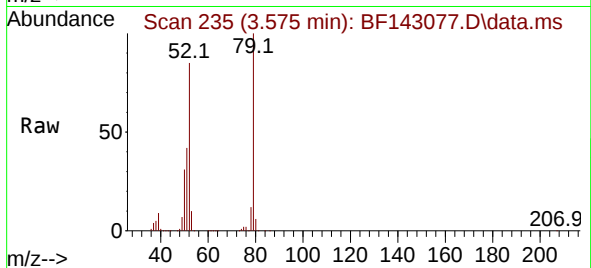
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Instrument :

BNA_F

ClientSampleId :

SSTDICC060



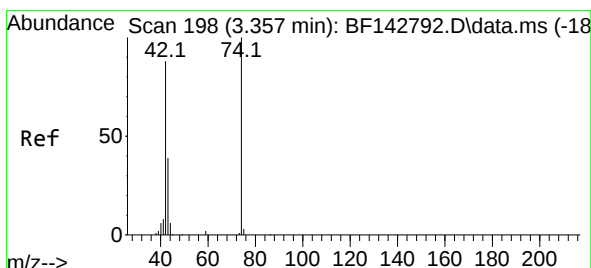
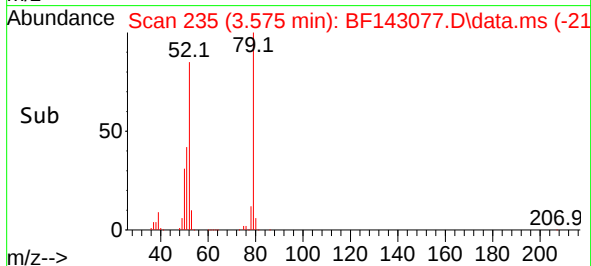
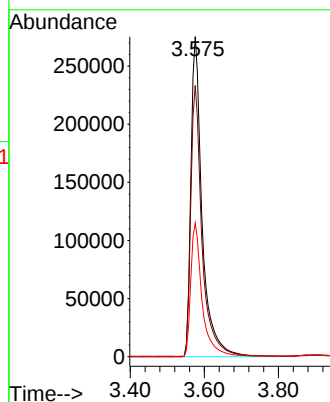
Tgt Ion: 79 Resp: 582043

Ion Ratio Lower Upper

79 100

52 84.7 69.3 103.9

51 41.8 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 60.081 ng

RT: 3.522 min Scan# 226

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

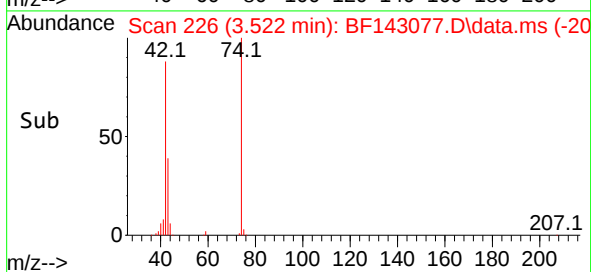
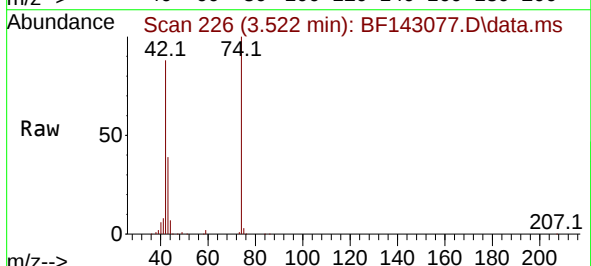
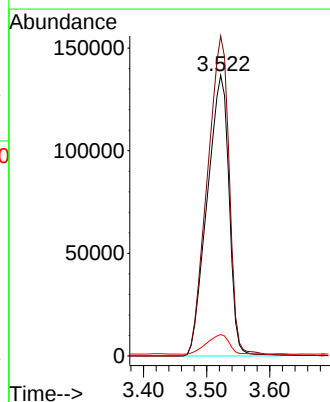
Tgt Ion: 42 Resp: 329066

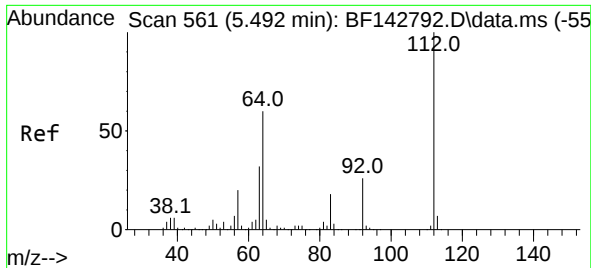
Ion Ratio Lower Upper

42 100

74 114.0 92.2 138.2

44 7.7 6.3 9.5

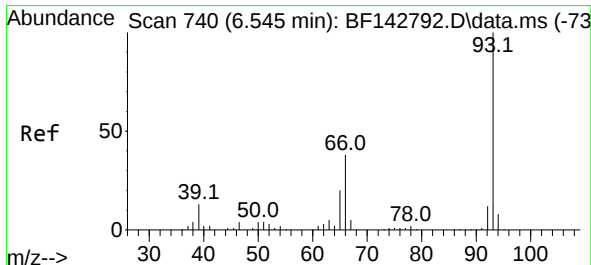
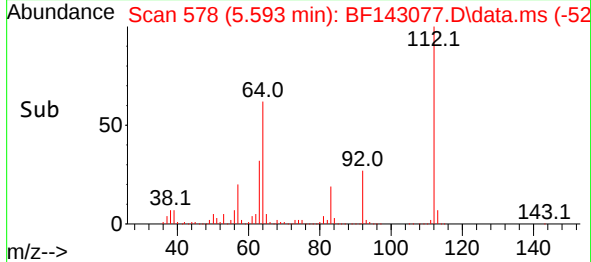
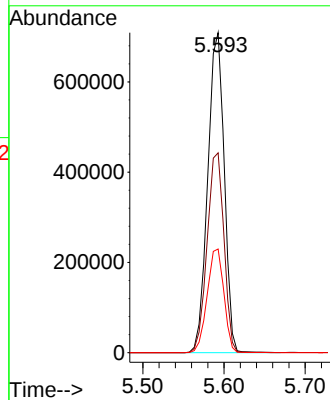
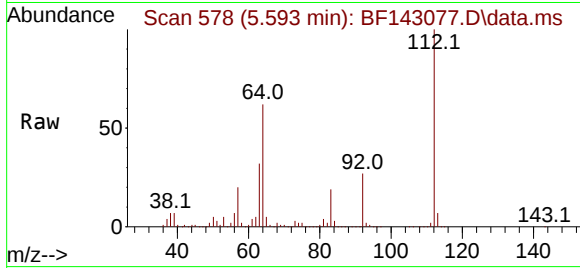




#5
2-Fluorophenol
Concen: 116.761 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

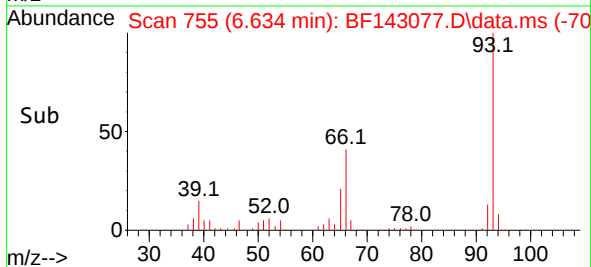
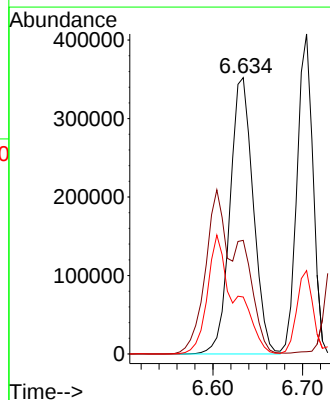
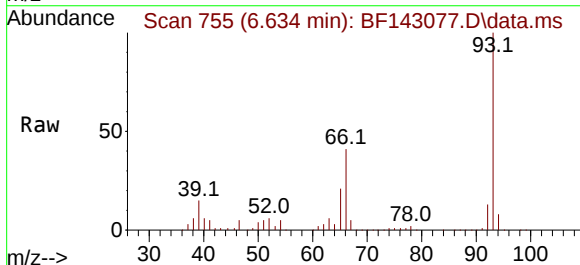
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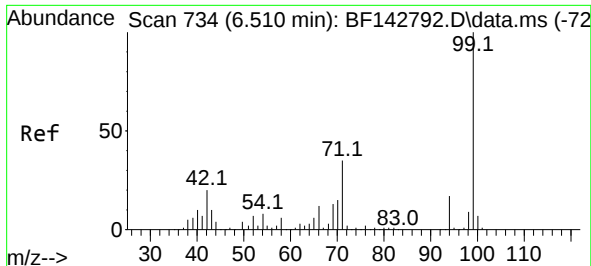
Tgt Ion:112 Resp: 999721
Ion Ratio Lower Upper
112 100
64 62.5 52.2 78.4
63 32.4 26.8 40.2



#6
Aniline
Concen: 58.689 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion: 93 Resp: 633259
Ion Ratio Lower Upper
93 100
66 41.1 33.0 49.6
65 20.6 16.8 25.2

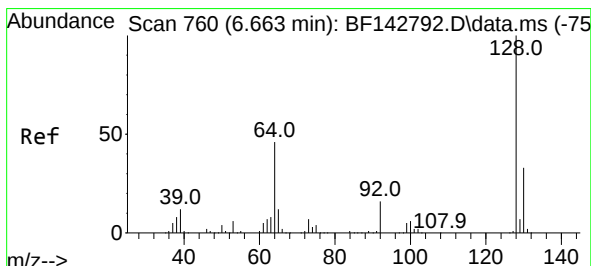
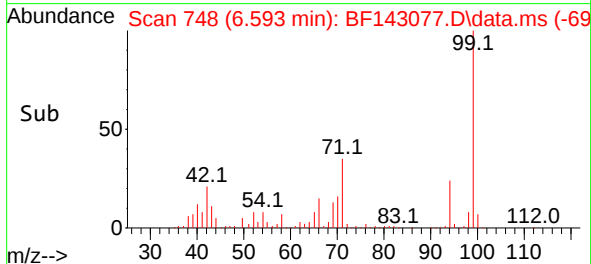
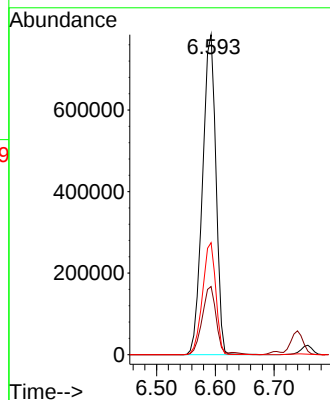
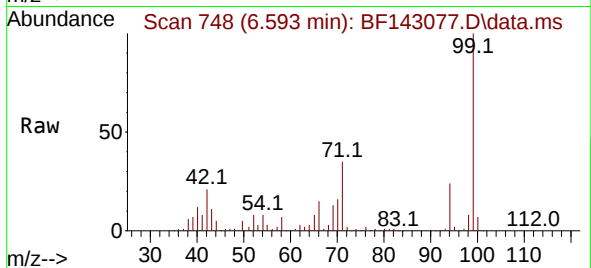




#7
Phenol-d6
Concen: 114.890 ng
RT: 6.593 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

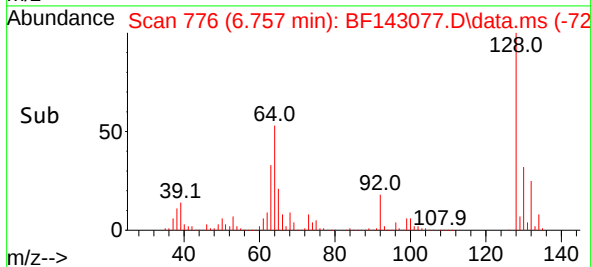
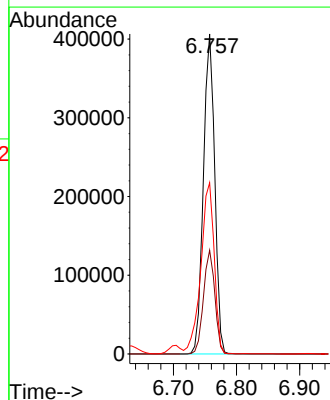
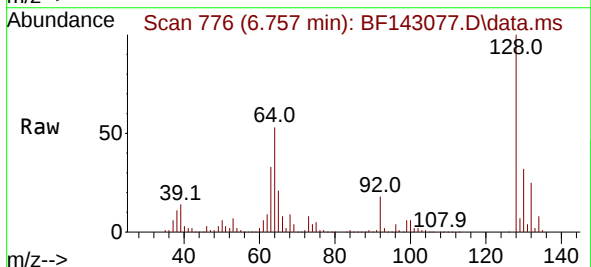
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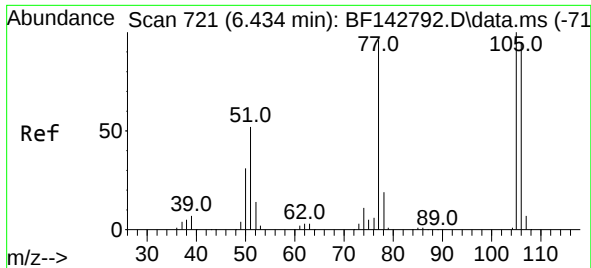
Tgt Ion: 99 Resp: 1244659
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 35.0 27.7 41.5



#8
2-Chlorophenol
Concen: 58.720 ng
RT: 6.757 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:128 Resp: 506845
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 53.5 36.5 76.5

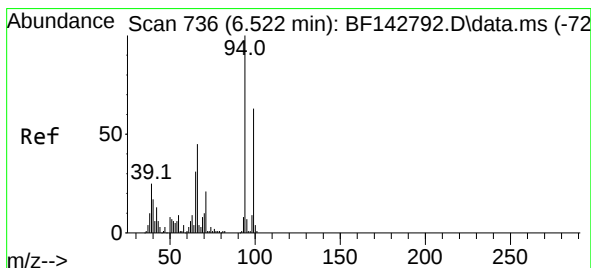
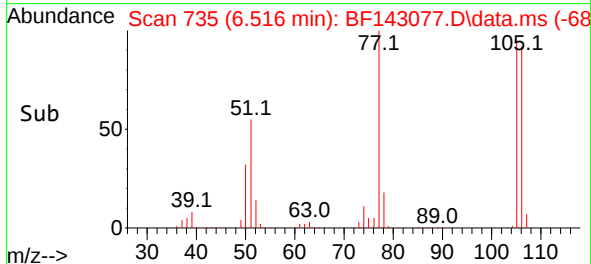
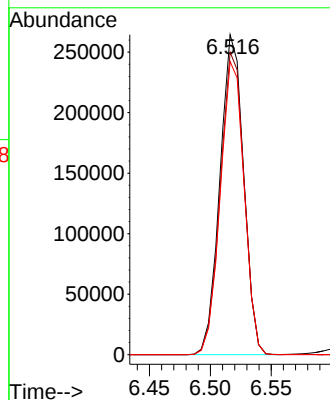
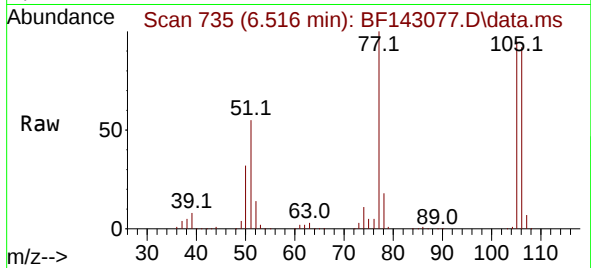




#9
Benzaldehyde
Concen: 55.062 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
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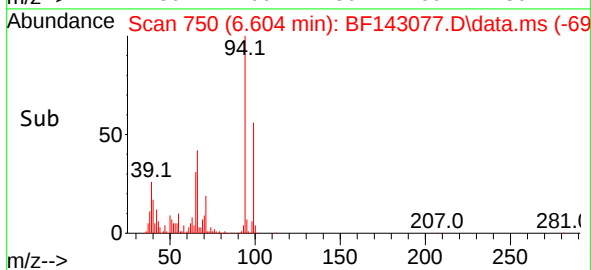
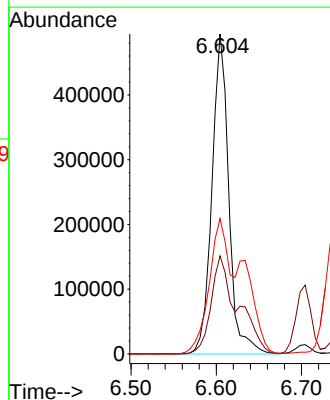
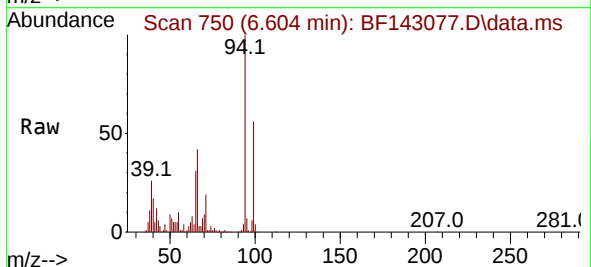
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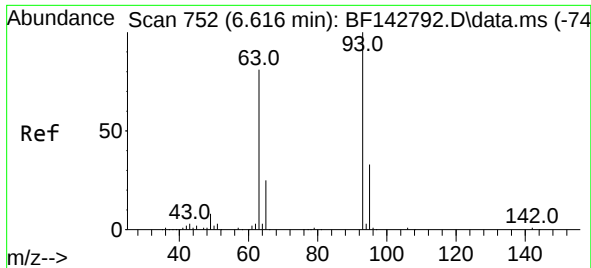
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Ion Ratio Lower Upper
77 100
105 94.6 75.1 115.1
106 91.6 73.0 113.0



#10
Phenol
Concen: 60.434 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion: 94 Resp: 678997
Ion Ratio Lower Upper
94 100
65 30.7 10.6 50.6
66 42.3 21.9 61.9

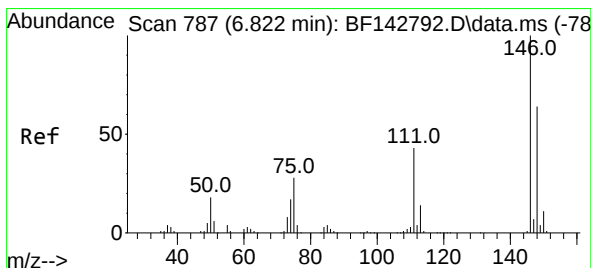
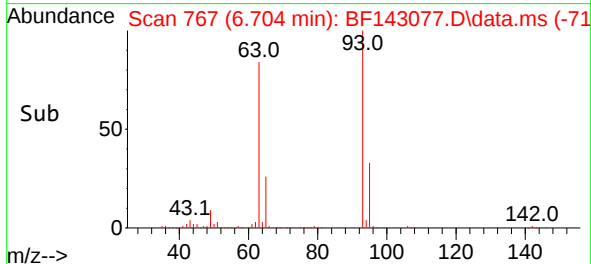
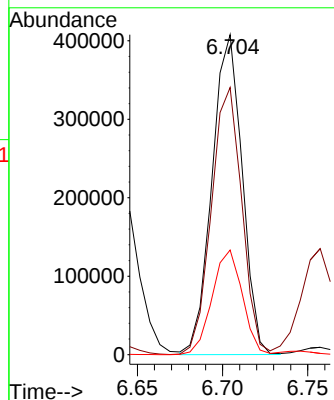
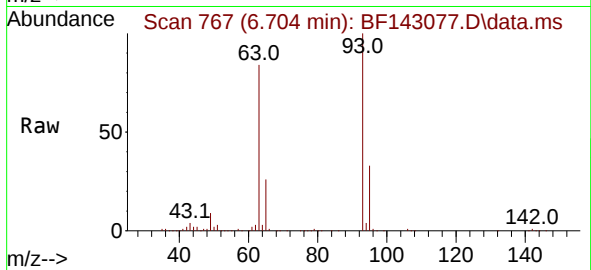




#11
bis(2-Chloroethyl)ether
Concen: 56.946 ng
RT: 6.704 min Scan# 704
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

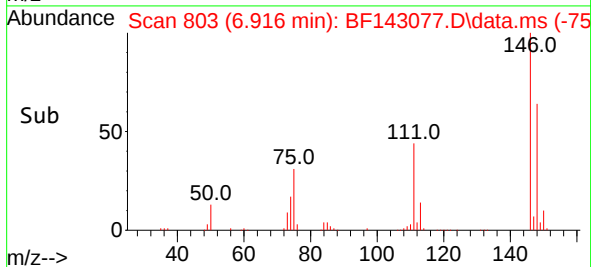
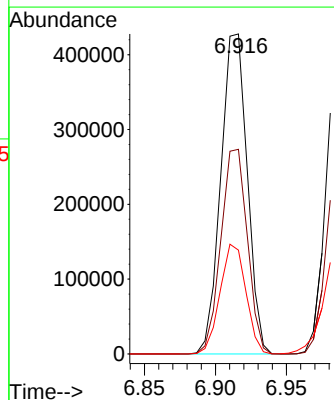
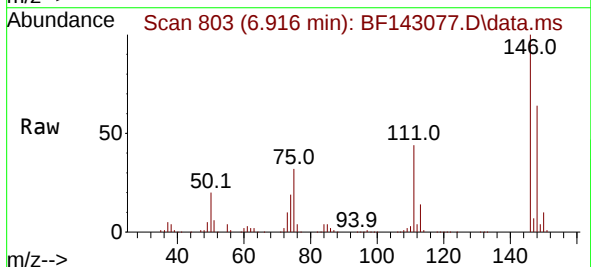
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

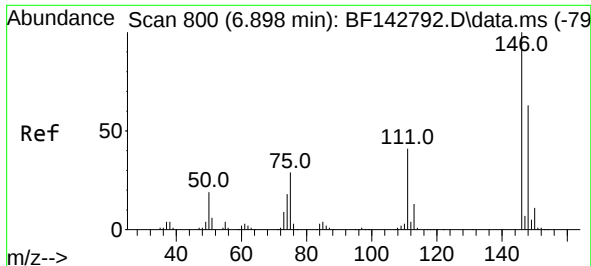
Tgt Ion: 93 Resp: 502208
Ion Ratio Lower Upper
93 100
63 83.5 63.3 103.3
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 56.982 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:146 Resp: 554512
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 32.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 57.425 ng

RT: 6.987 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

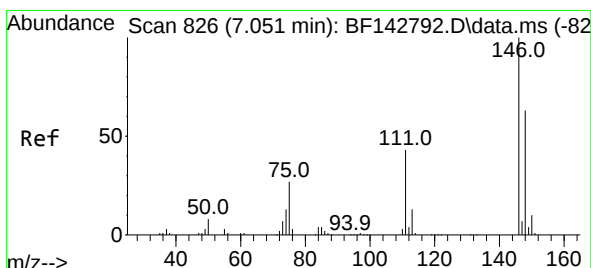
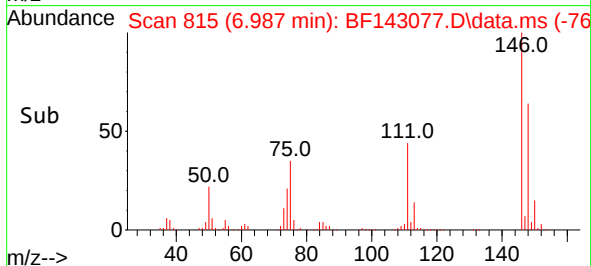
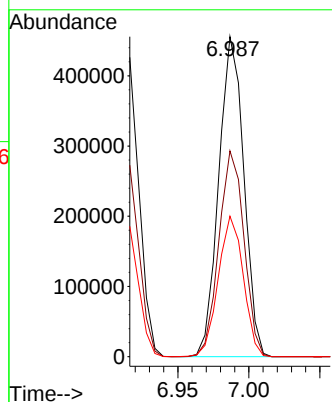
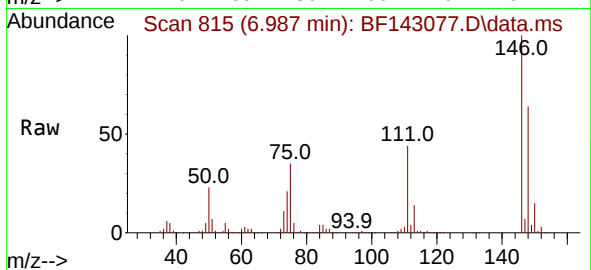
Tgt Ion:146 Resp: 559723

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

111 43.9 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 56.707 ng

RT: 7.146 min Scan# 842

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

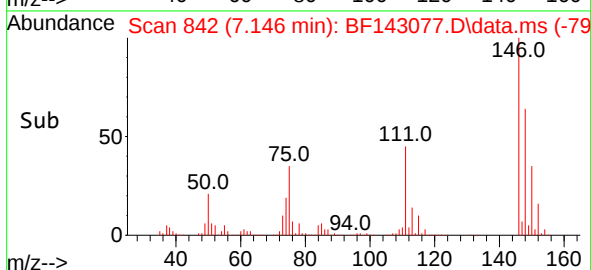
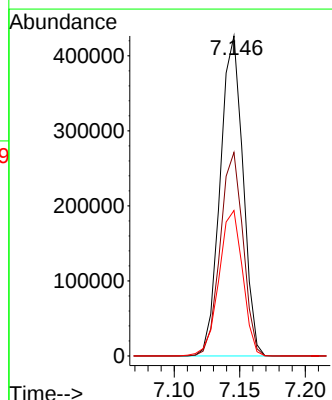
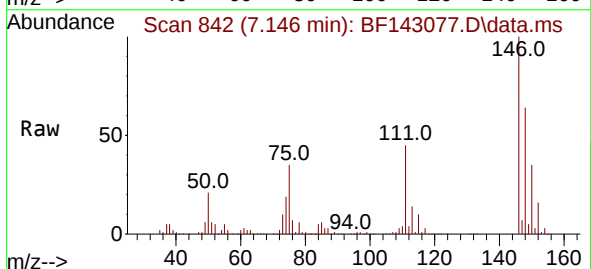
Tgt Ion:146 Resp: 514487

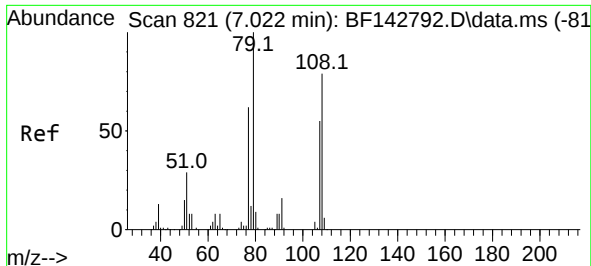
Ion Ratio Lower Upper

146 100

148 63.6 51.5 77.3

111 45.5 37.0 55.4

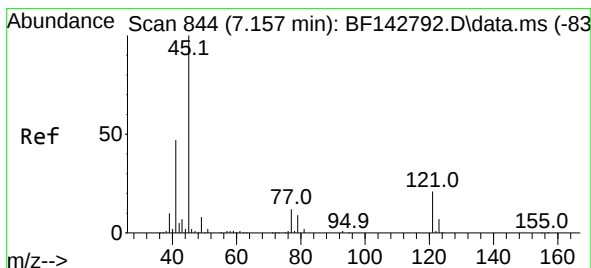
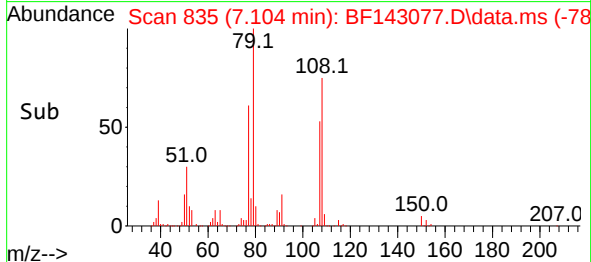
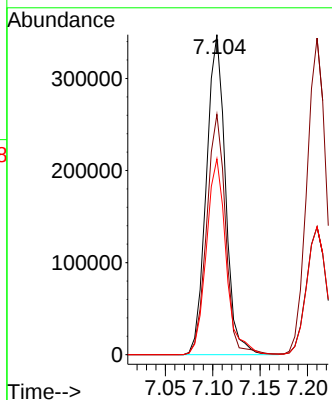
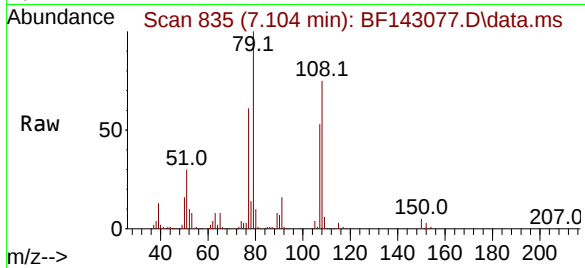




#15
Benzyl Alcohol
Concen: 60.234 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

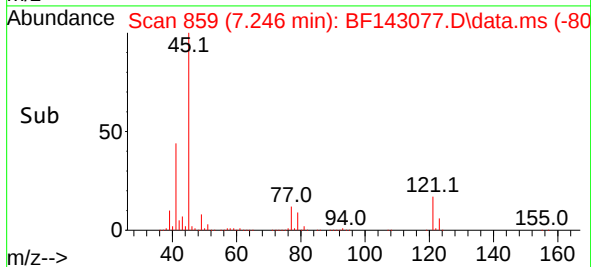
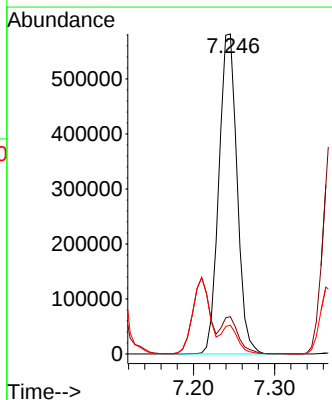
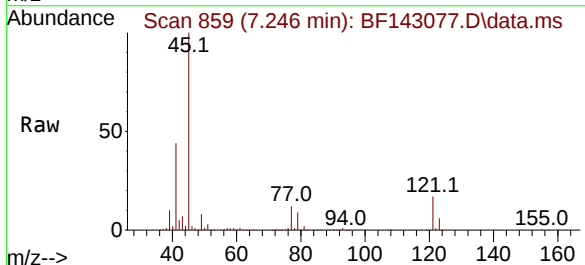
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

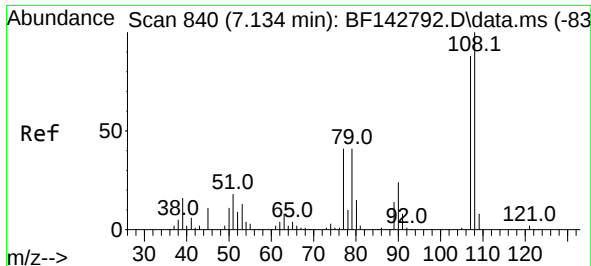
Tgt Ion: 79 Resp: 487579
Ion Ratio Lower Upper
79 100
108 75.1 60.2 90.2
77 61.2 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 56.504 ng
RT: 7.246 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion: 45 Resp: 907932
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.3
79 9.0 0.0 28.3

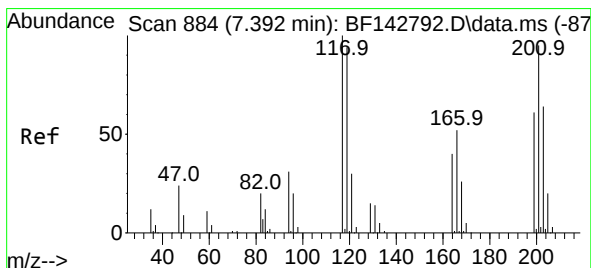
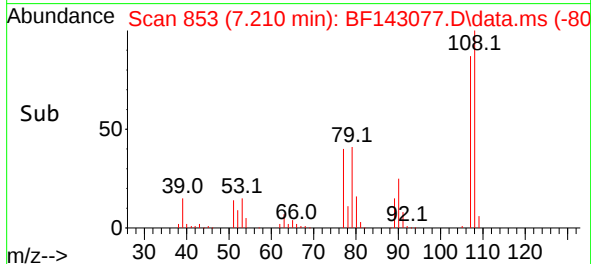
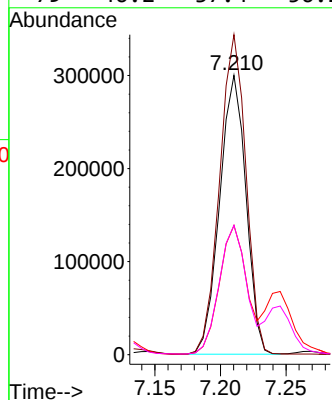
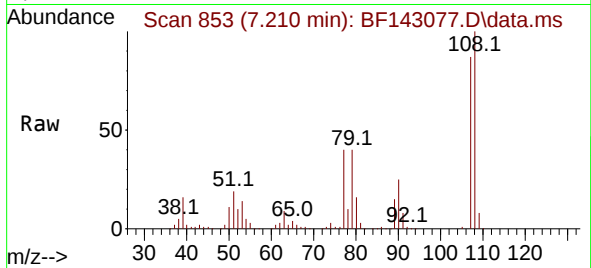




#17
2-Methylphenol
Concen: 58.653 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

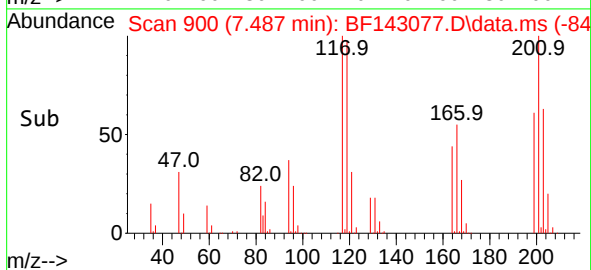
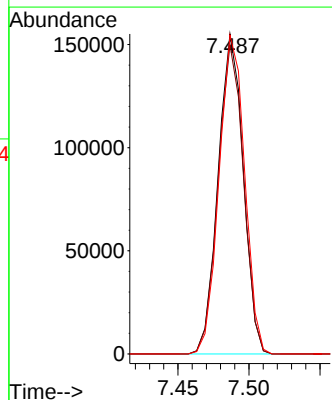
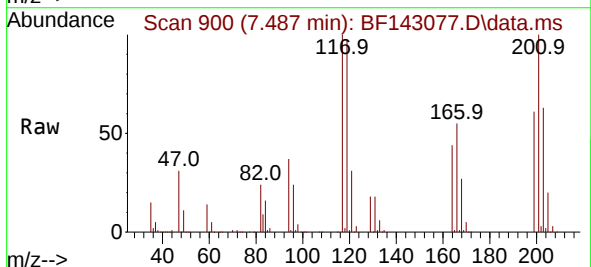
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

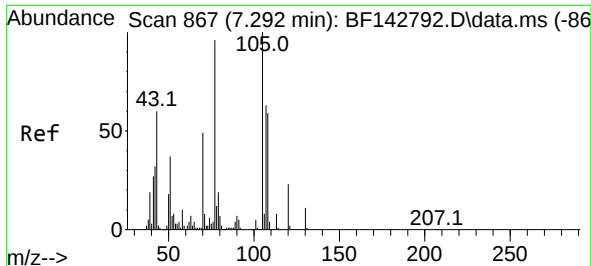
Tgt Ion:107 Resp: 418360
Ion Ratio Lower Upper
107 100
108 114.5 92.5 138.7
77 46.3 37.6 56.4
79 46.2 37.4 56.2



#18
Hexachloroethane
Concen: 60.916 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:117 Resp: 191037
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0
201 99.7 77.4 116.2

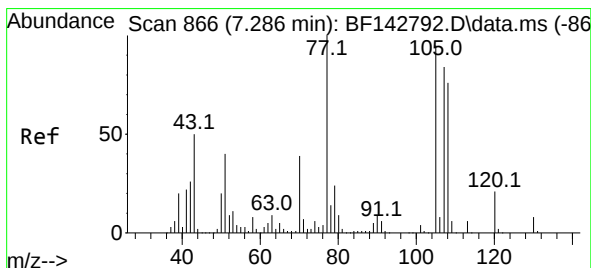
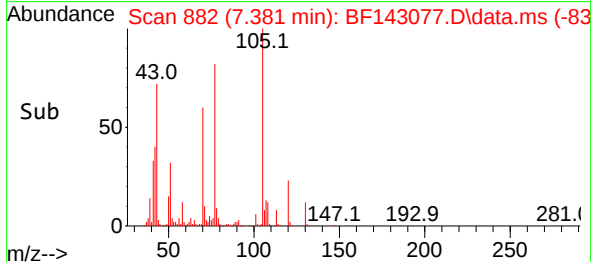
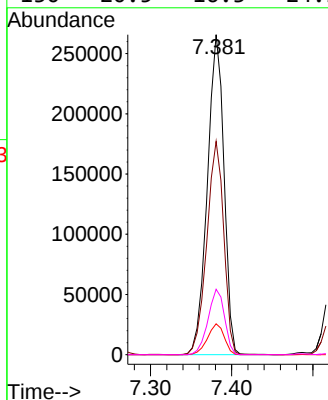
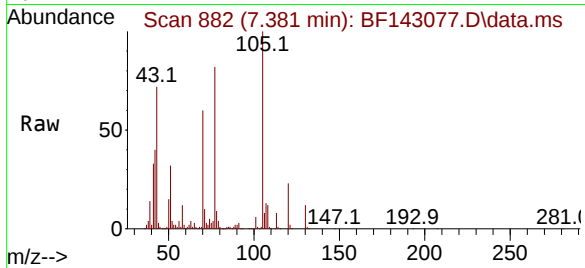




#19
n-Nitroso-di-n-propylamine
Concen: 56.634 ng
RT: 7.381 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

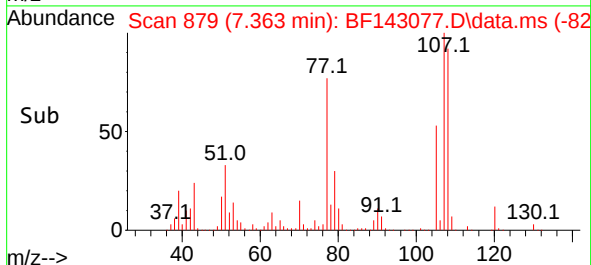
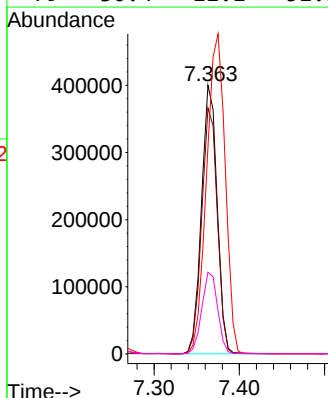
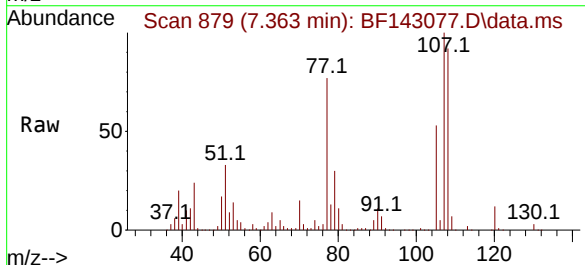
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

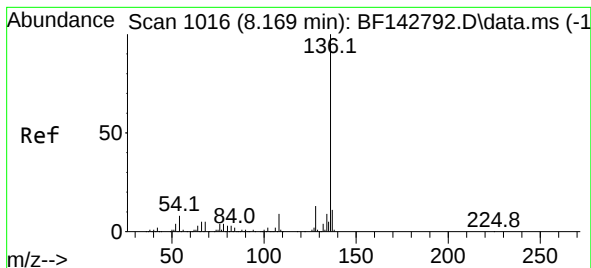
Tgt Ion: 70 Resp: 377597
Ion Ratio Lower Upper
70 100
42 66.7 53.8 80.6
101 9.7 7.6 11.4
130 20.5 16.3 24.5



#20
3+4-Methylphenols
Concen: 58.000 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion: 107 Resp: 511022
Ion Ratio Lower Upper
107 100
108 91.6 71.9 111.9
77 77.0 82.6 122.6#
79 30.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 514717

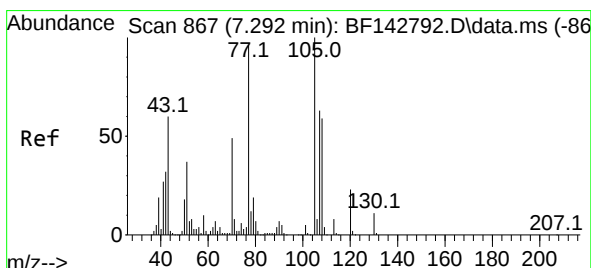
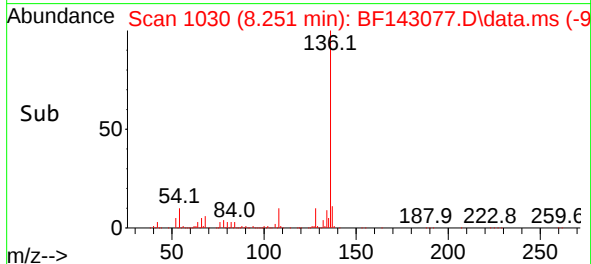
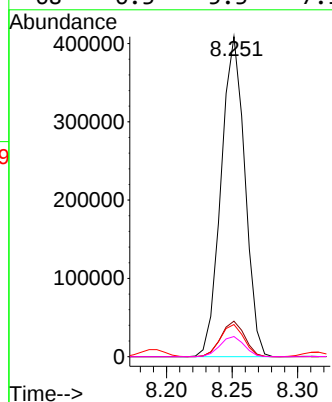
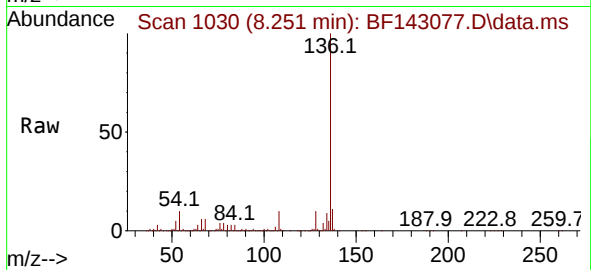
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.1 8.1 12.1

68 6.3 5.3 7.9



#22

Acetophenone

Concen: 57.748 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Tgt Ion:105 Resp: 694355

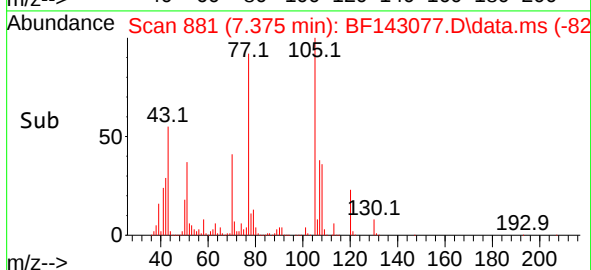
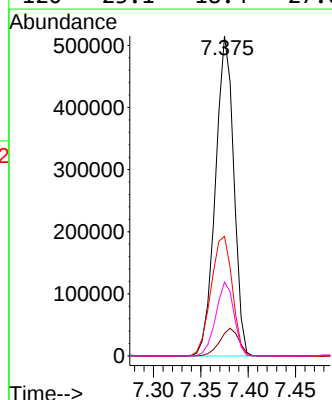
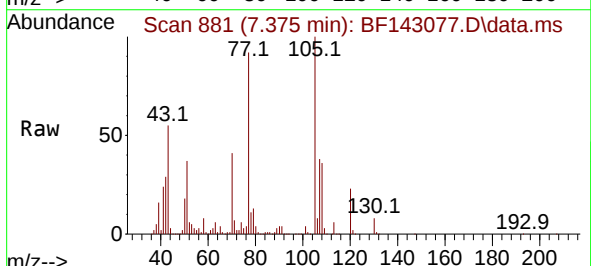
Ion Ratio Lower Upper

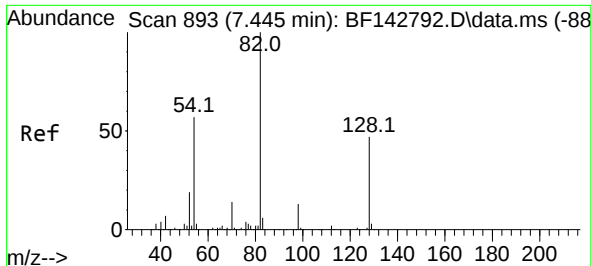
105 100

71 7.1 5.9 8.9

51 37.4 31.3 46.9

120 23.1 18.4 27.6

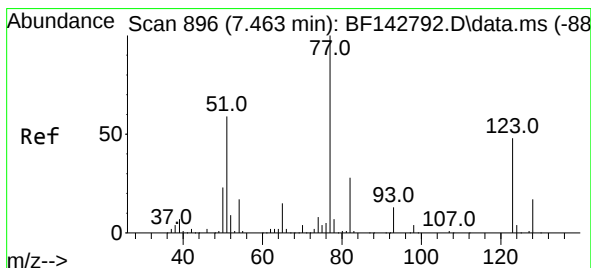
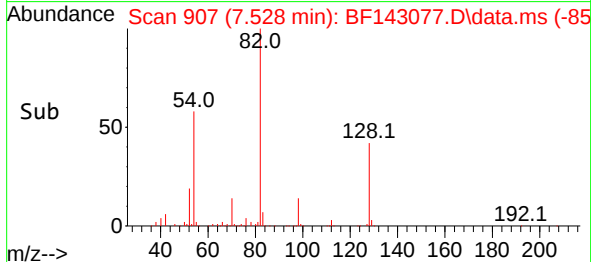
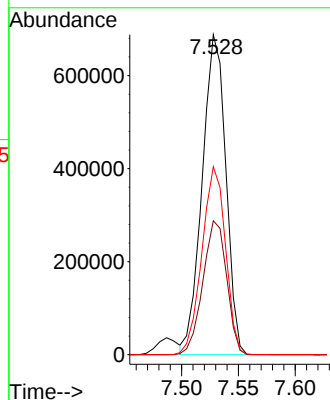
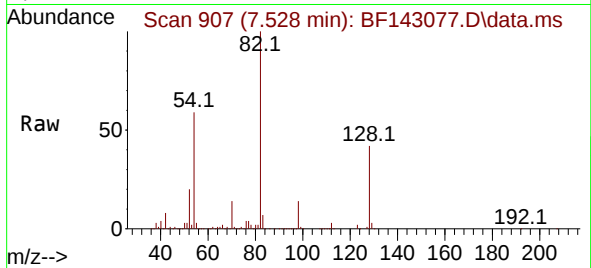




#23
Nitrobenzene-d5
Concen: 138.335 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

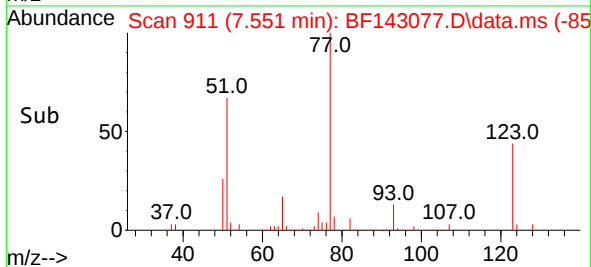
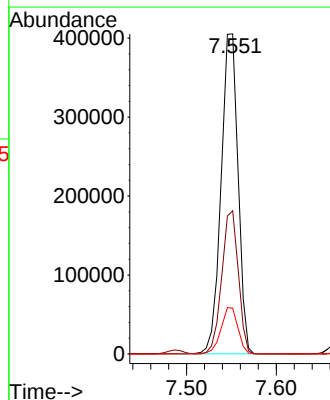
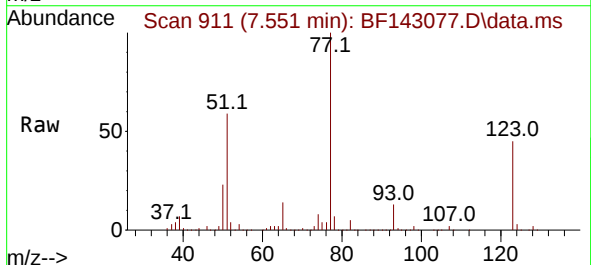
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

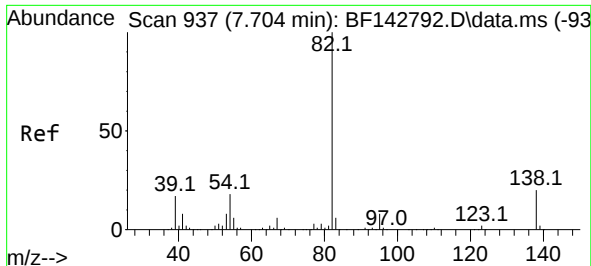
Tgt Ion: 82 Resp: 996414
Ion Ratio Lower Upper
82 100
128 41.8 33.3 49.9
54 58.7 47.0 70.4



#24
Nitrobenzene
Concen: 70.874 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion: 77 Resp: 532121
Ion Ratio Lower Upper
77 100
123 44.8 34.2 51.4
65 14.3 11.3 16.9

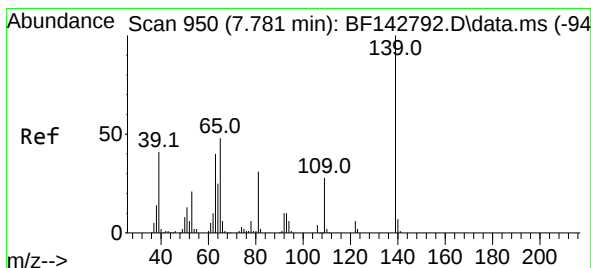
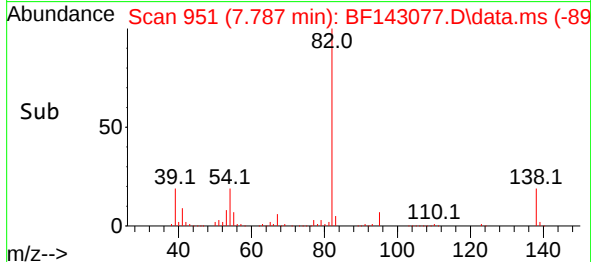
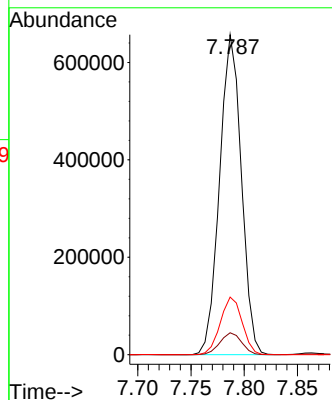
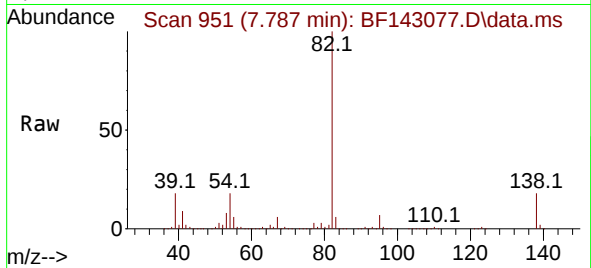




#25
Isophorone
Concen: 59.625 ng
RT: 7.787 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

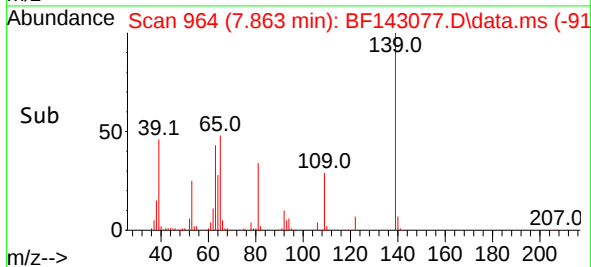
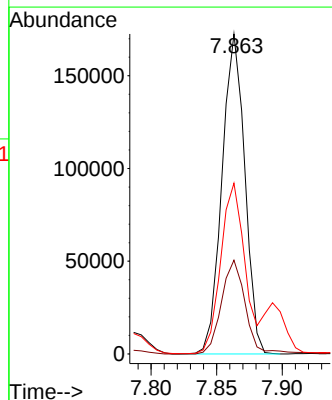
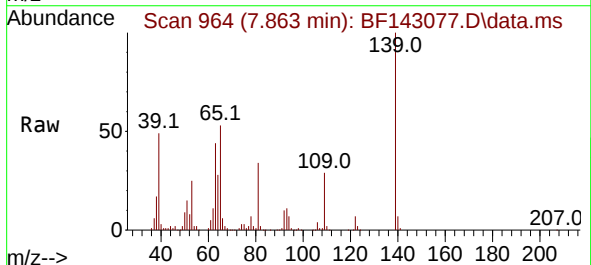
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

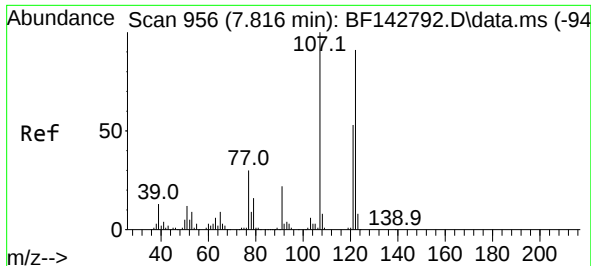
Tgt Ion: 82 Resp: 932429
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 63.583 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:139 Resp: 208390
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.0
65 53.3 43.1 64.7





#27

2,4-Dimethylphenol

Concen: 61.596 ng

RT: 7.893 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

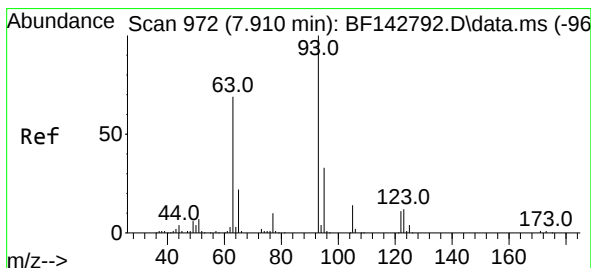
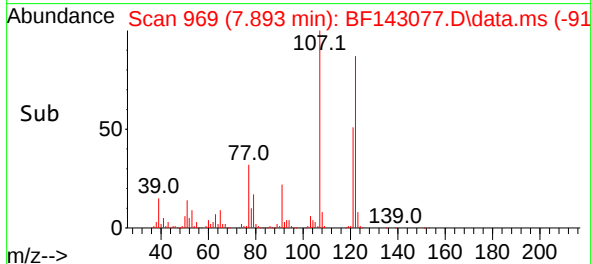
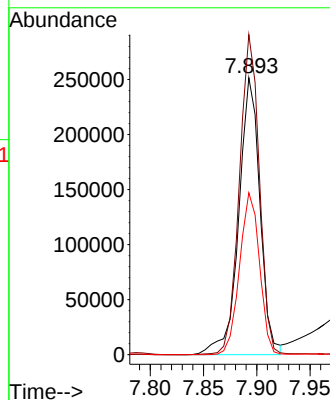
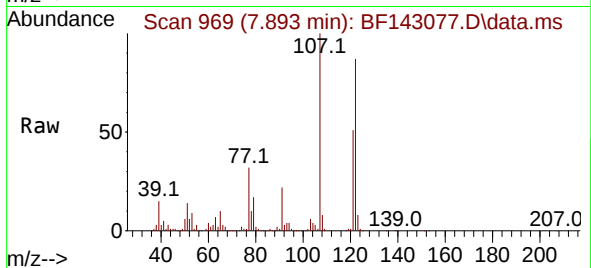
Tgt Ion:122 Resp: 349150

Ion Ratio Lower Upper

122 100

107 115.5 90.0 135.0

121 58.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 58.278 ng

RT: 7.993 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

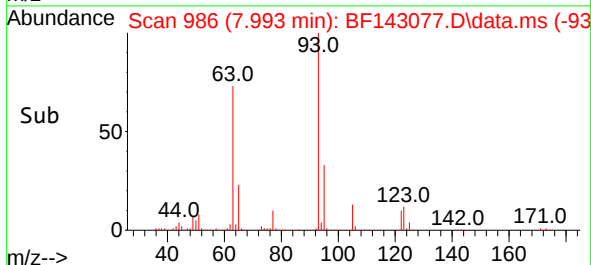
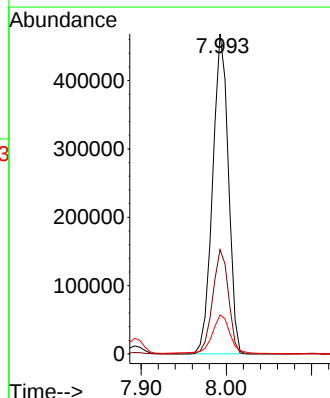
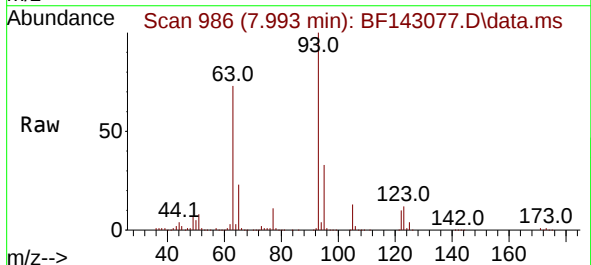
Tgt Ion: 93 Resp: 599404

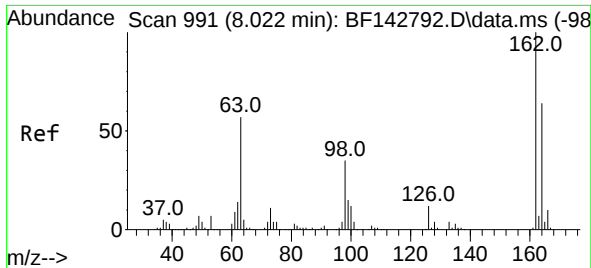
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 62.806 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

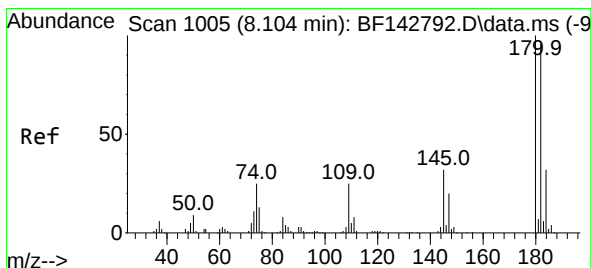
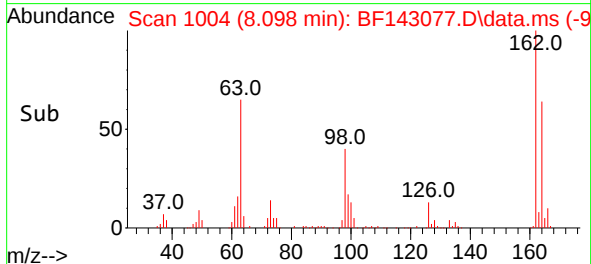
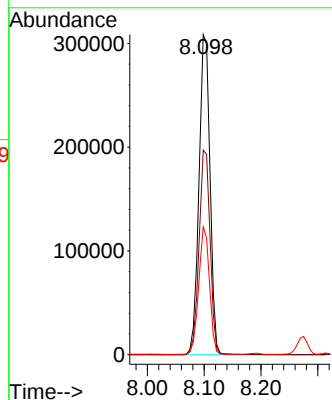
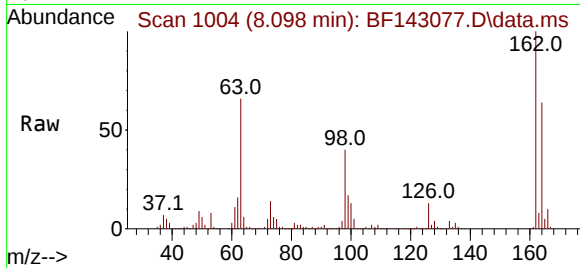
Tgt Ion:162 Resp: 418598

Ion Ratio Lower Upper

162 100

164 64.0 43.9 83.9

98 39.9 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 58.348 ng

RT: 8.193 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

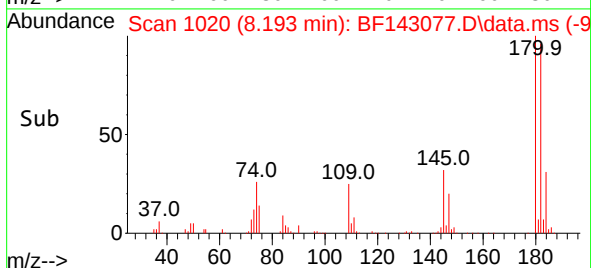
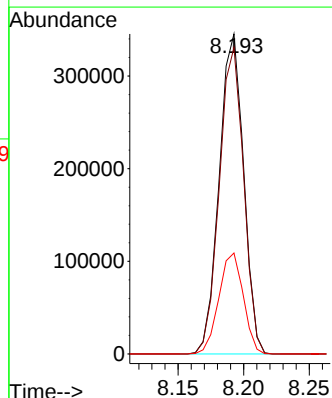
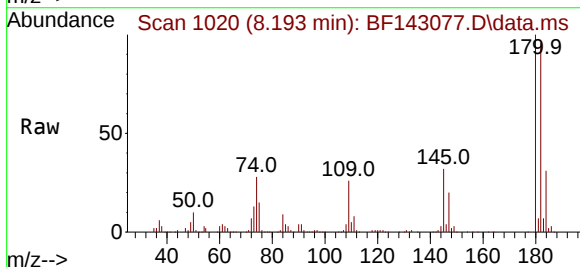
Tgt Ion:180 Resp: 446091

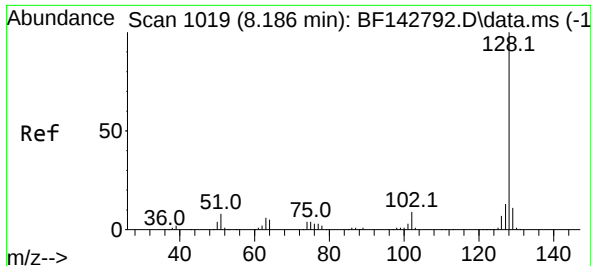
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 31.6 25.0 37.6

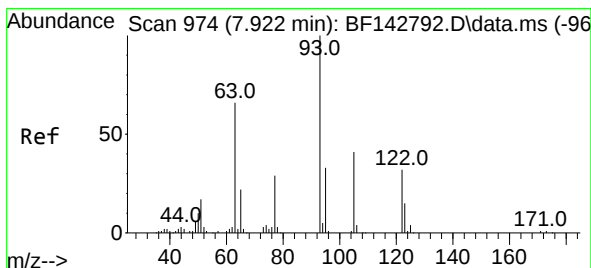
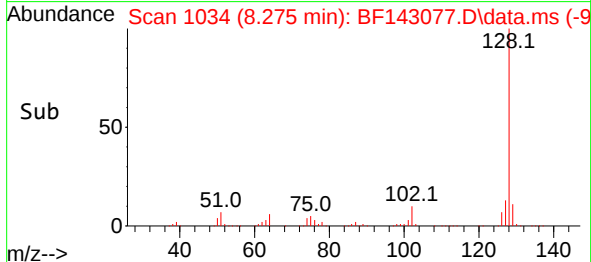
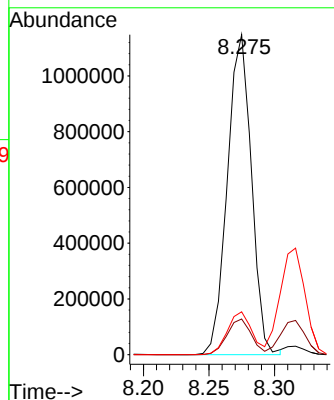
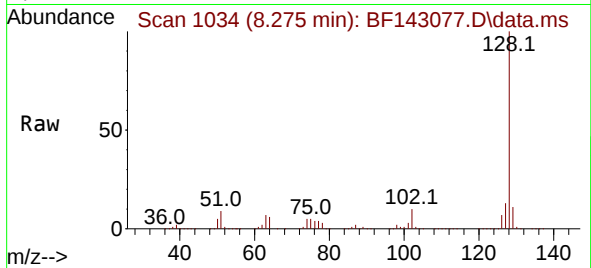




#31
Naphthalene
Concen: 57.561 ng
RT: 8.275 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

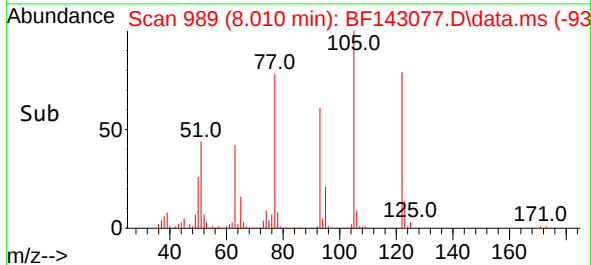
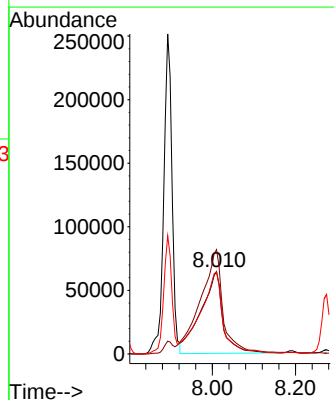
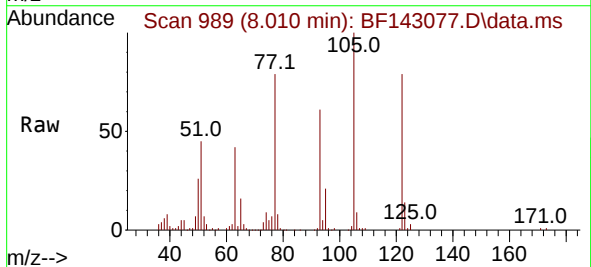
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

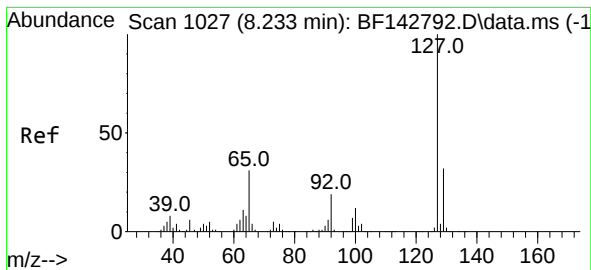
Tgt Ion:128 Resp: 1464272
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 61.724 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.024 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:122 Resp: 239037
Ion Ratio Lower Upper
122 100
105 126.6 109.7 149.7
77 99.9 81.6 121.6





#33

4-Chloroaniline

Concen: 58.959 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 506701

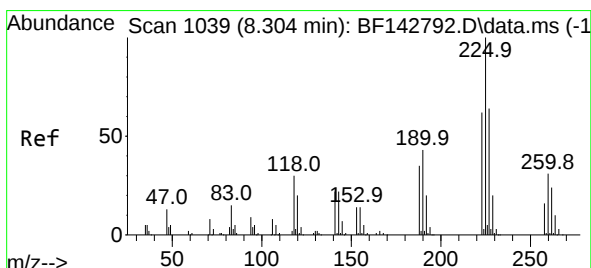
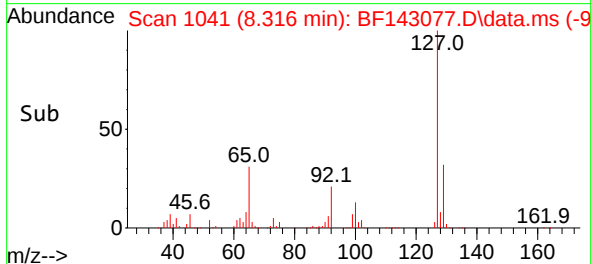
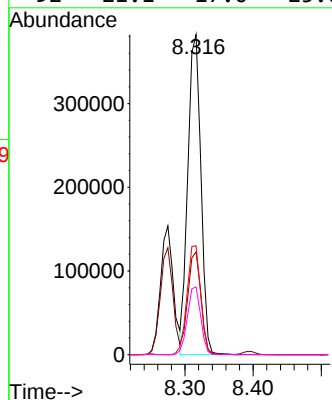
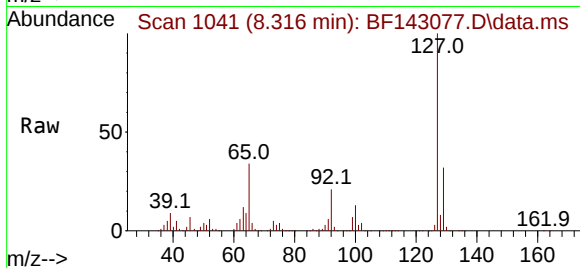
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 34.0 27.8 41.8

92 21.1 17.0 25.6



#34

Hexachlorobutadiene

Concen: 59.982 ng

RT: 8.393 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

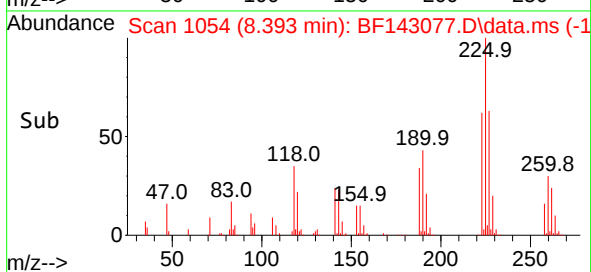
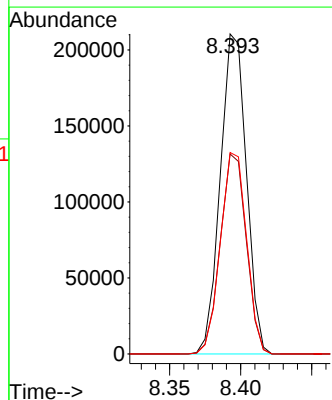
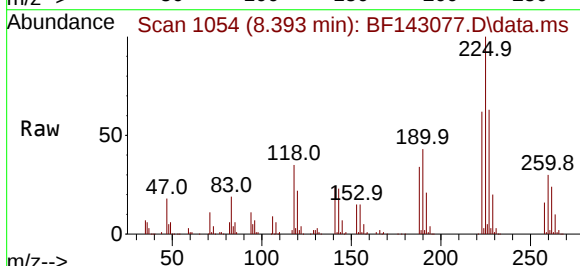
Tgt Ion:225 Resp: 269094

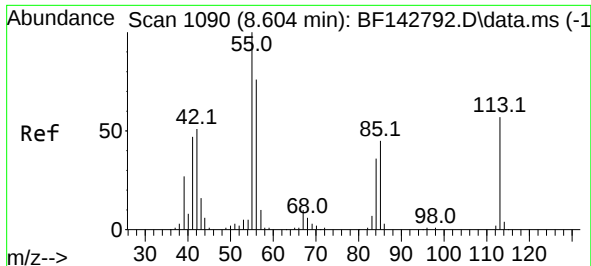
Ion Ratio Lower Upper

225 100

223 62.5 50.8 76.2

227 62.9 50.6 75.8

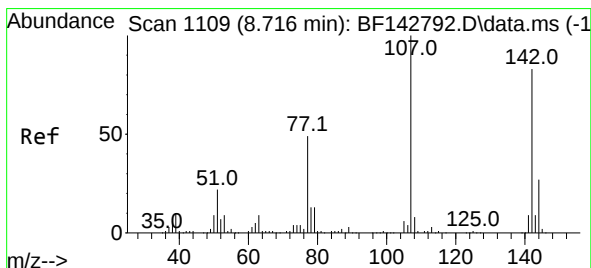
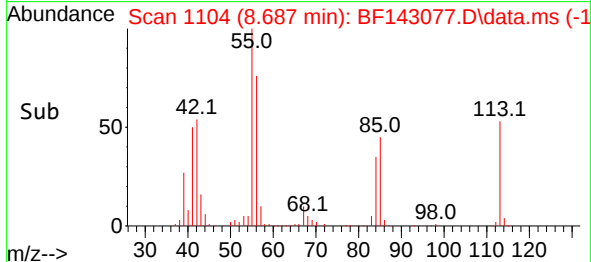
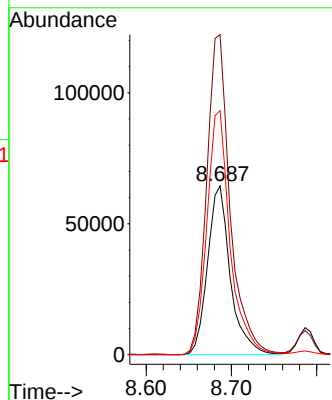
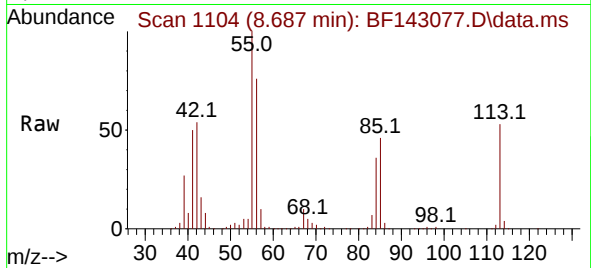




#35
 Caprolactam
 Concen: 63.984 ng
 RT: 8.687 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143077.D
 Acq: 11 Jul 2025 15:19

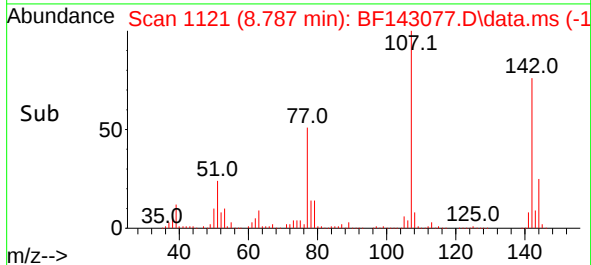
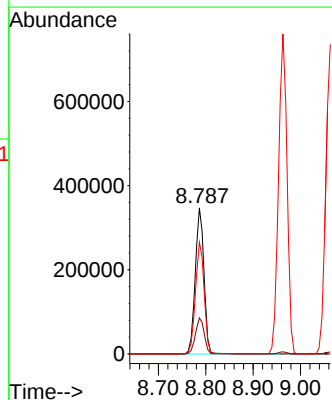
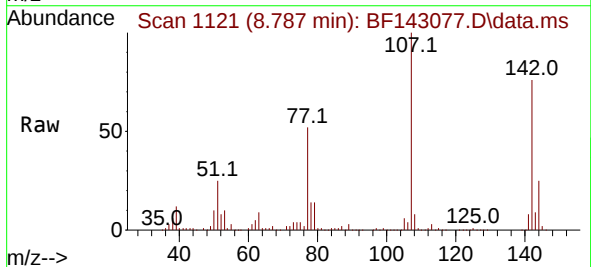
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

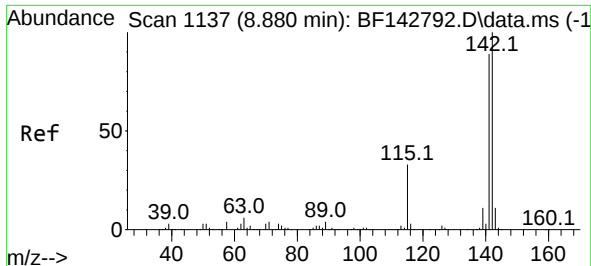
Tgt Ion:113 Resp: 119561
 Ion Ratio Lower Upper
 113 100
 55 189.8 175.4 215.4
 56 144.7 129.7 169.7



#36
 4-Chloro-3-methylphenol
 Concen: 62.150 ng
 RT: 8.787 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF143077.D
 Acq: 11 Jul 2025 15:19

Tgt Ion:107 Resp: 445469
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 76.4 61.9 92.9





#37

2-Methylnaphthalene

Concen: 57.030 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

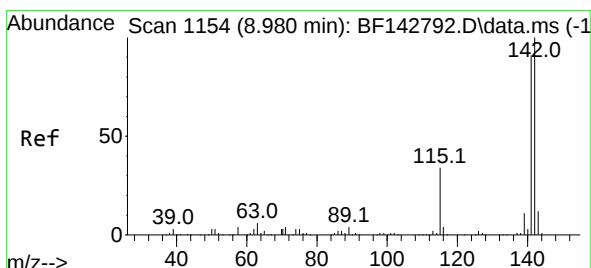
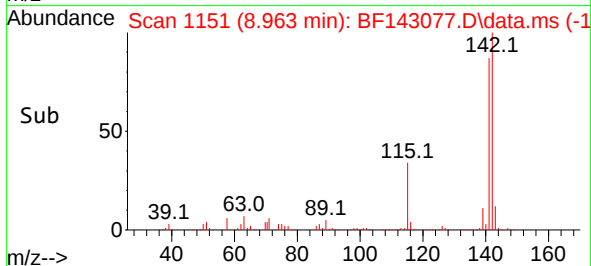
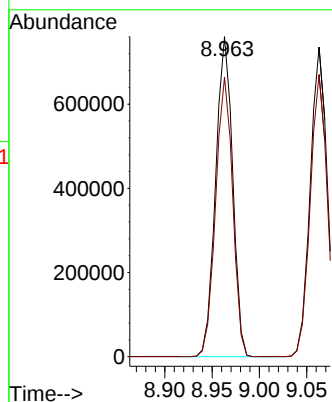
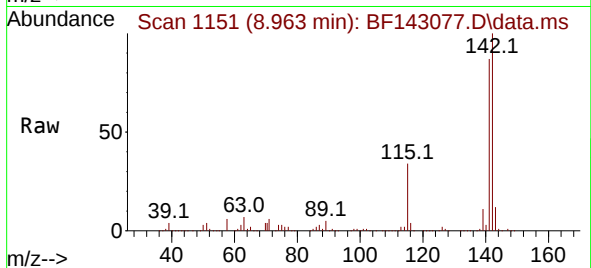
SSTDICC060

Tgt Ion:142 Resp: 948116

Ion Ratio Lower Upper

142 100

141 87.4 69.8 104.8



#38

1-Methylnaphthalene

Concen: 57.080 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF143077.D

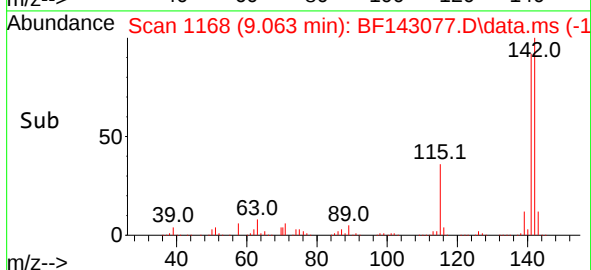
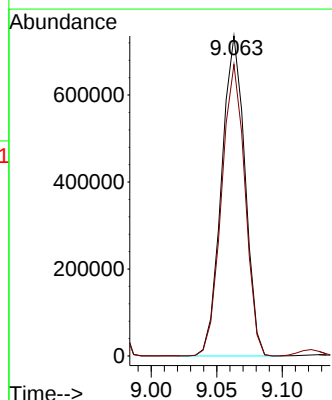
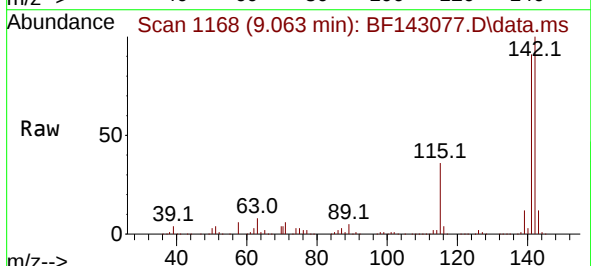
Acq: 11 Jul 2025 15:19

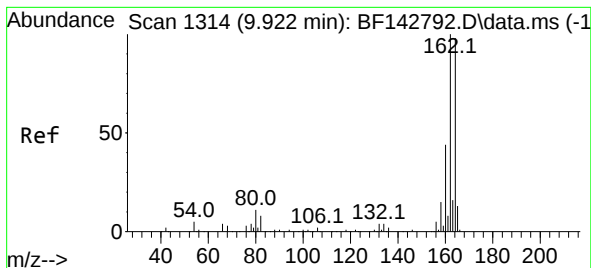
Tgt Ion:142 Resp: 913240

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

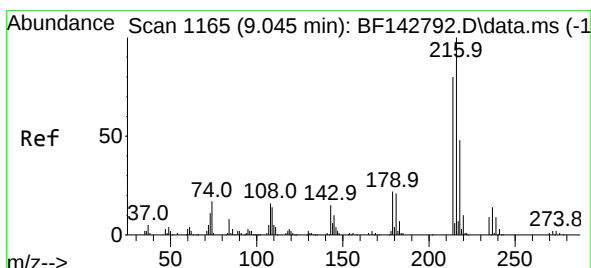
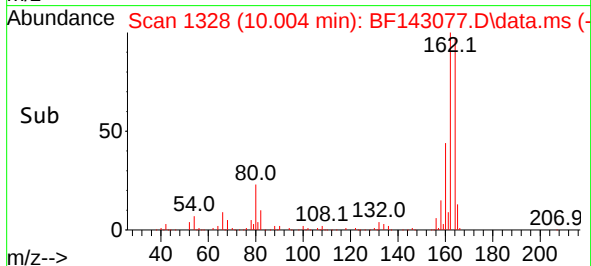
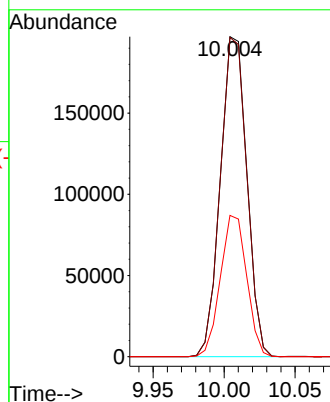
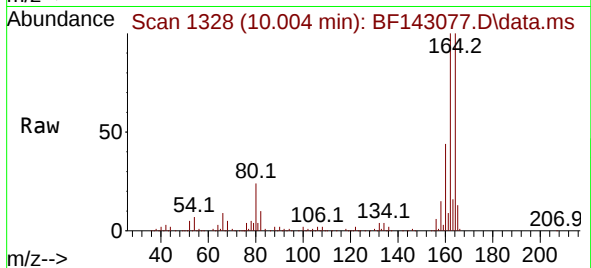
Tgt Ion:164 Resp: 256315

Ion Ratio Lower Upper

164 100

162 99.7 79.3 118.9

160 44.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.508 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Tgt Ion:216 Resp: 439254

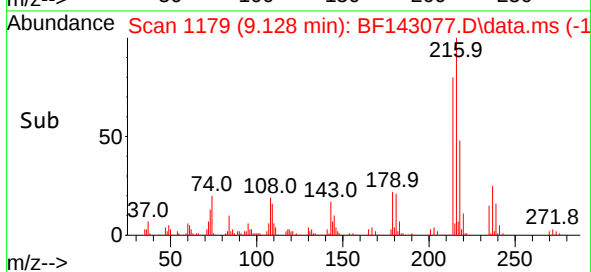
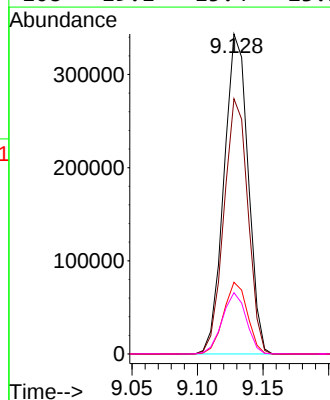
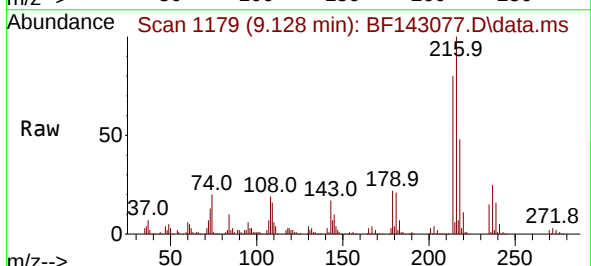
Ion Ratio Lower Upper

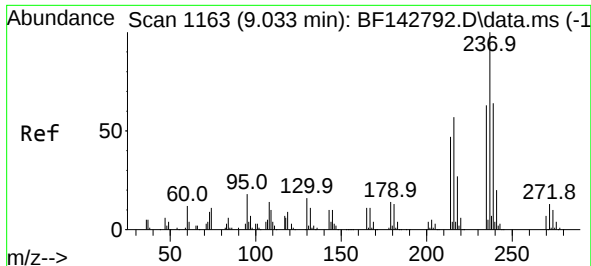
216 100

214 79.3 62.9 94.3

179 22.1 17.3 25.9

108 19.1 15.4 23.2

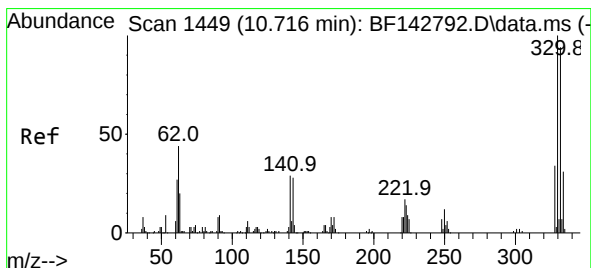
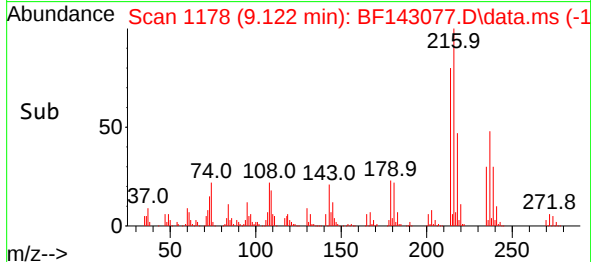
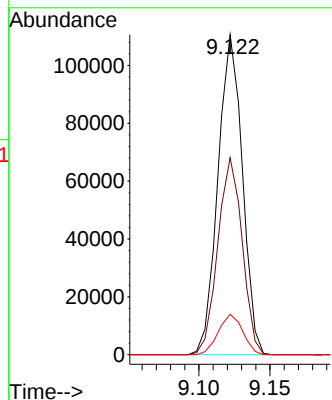
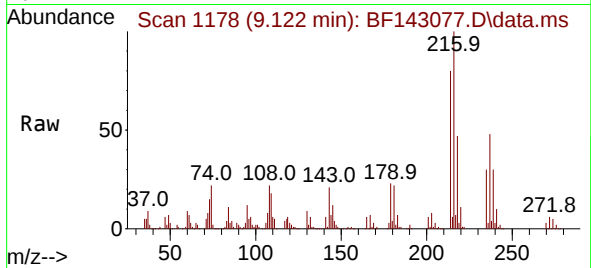




#41
Hexachlorocyclopentadiene
Concen: 70.584 ng
RT: 9.122 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

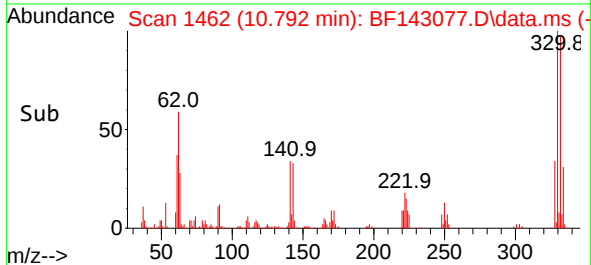
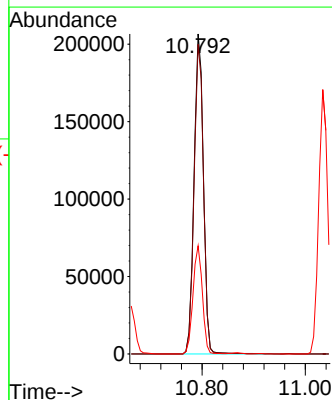
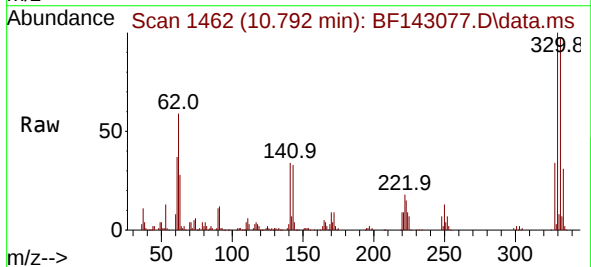
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

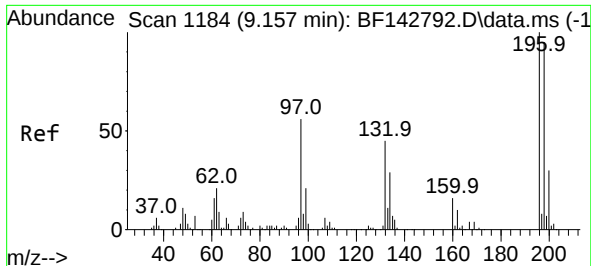
Tgt Ion:237 Resp: 132201
Ion Ratio Lower Upper
237 100
235 61.5 43.1 83.1
272 12.6 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 137.400 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:330 Resp: 260665
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 33.7 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 65.761 ng

RT: 9.234 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

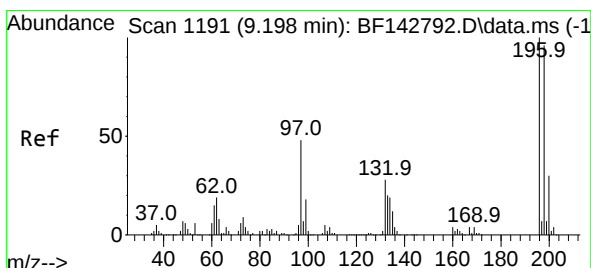
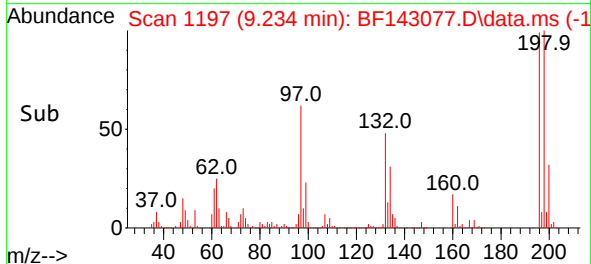
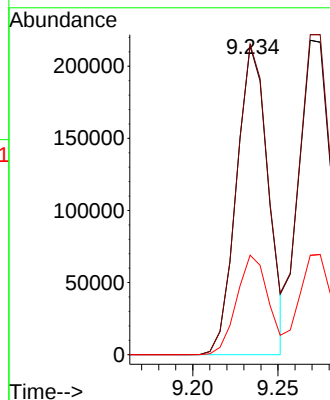
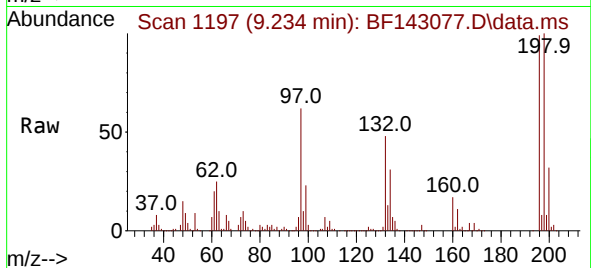
Tgt Ion:196 Resp: 275912

Ion Ratio Lower Upper

196 100

198 100.5 80.4 120.6

200 32.2 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 66.084 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Tgt Ion:196 Resp: 289025

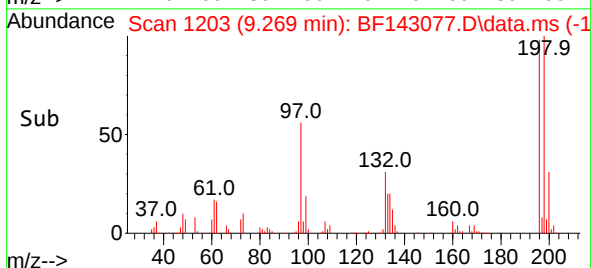
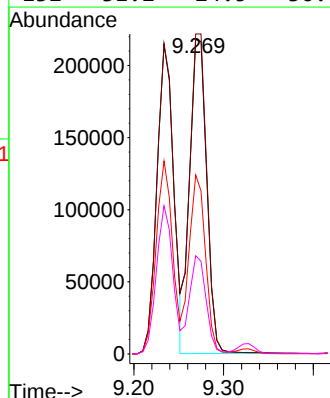
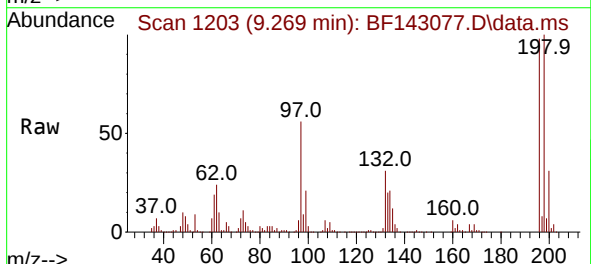
Ion Ratio Lower Upper

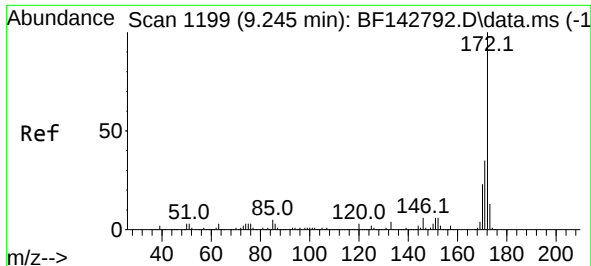
196 100

198 101.8 80.6 120.8

97 56.9 43.7 65.5

132 31.2 24.5 36.7

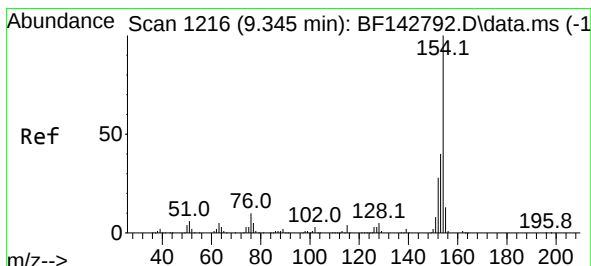
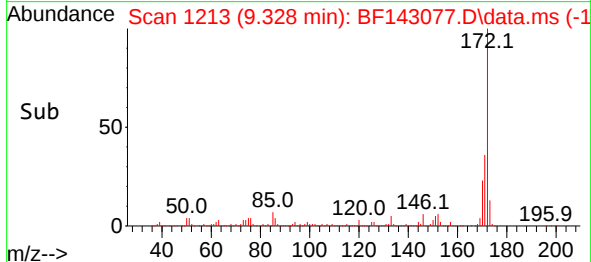
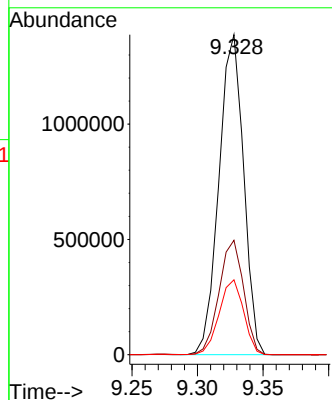
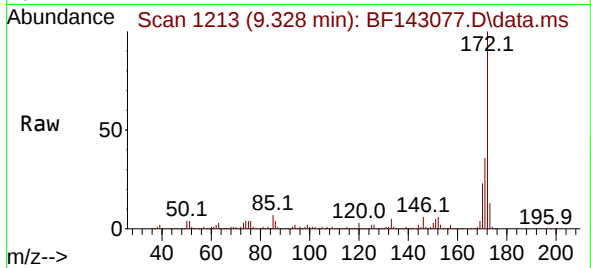




#45
2-Fluorobiphenyl
Concen: 111.173 ng
RT: 9.328 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

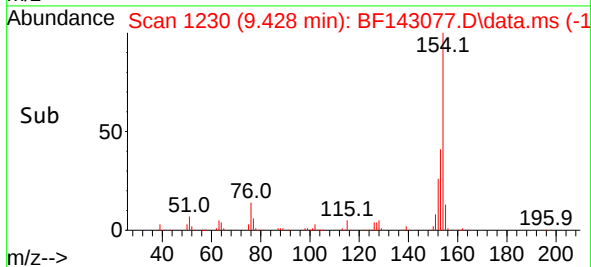
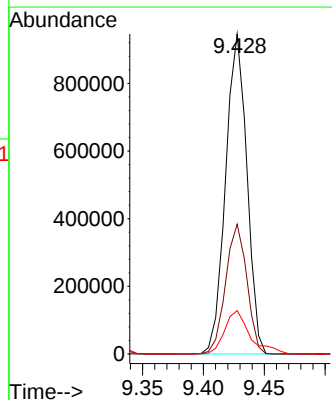
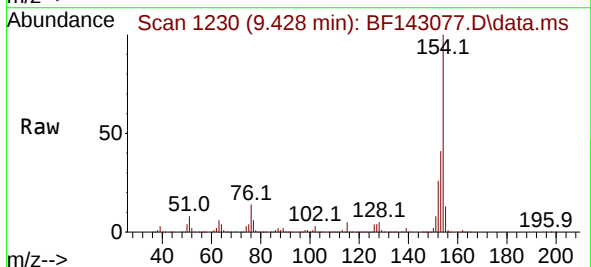
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

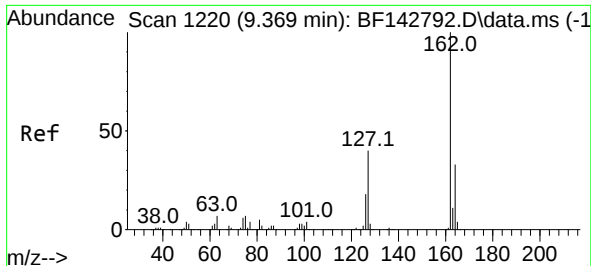
Tgt Ion:172 Resp: 1812926
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 57.077 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:154 Resp: 1148801
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.5 0.0 33.2





#47

2-Chloronaphthalene

Concen: 58.373 ng

RT: 9.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

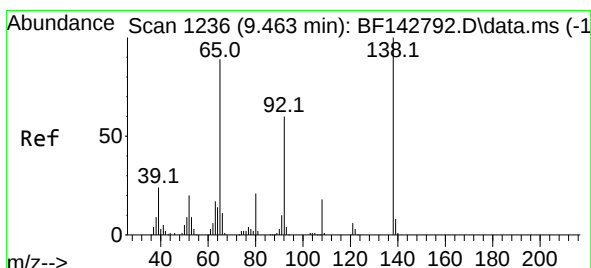
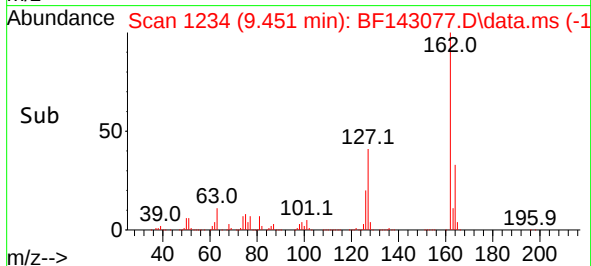
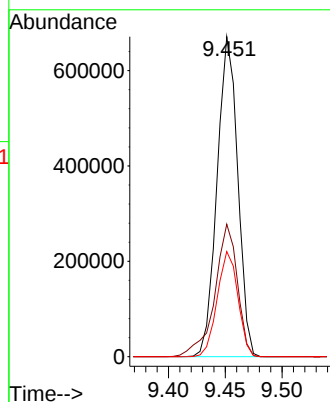
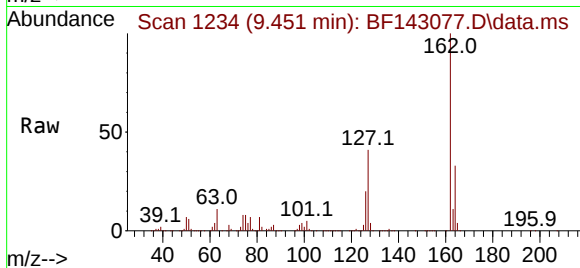
Tgt Ion:162 Resp: 850870

Ion Ratio Lower Upper

162 100

127 41.4 32.9 49.3

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 63.477 ng

RT: 9.539 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

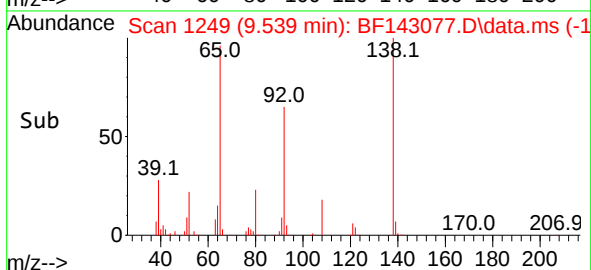
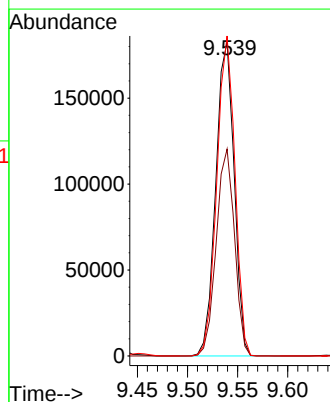
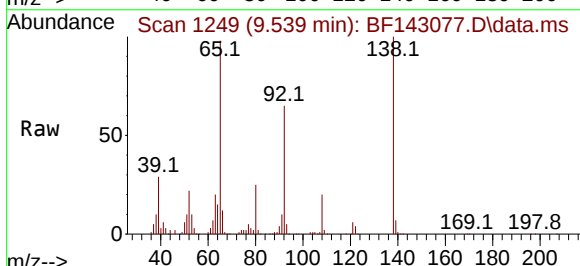
Tgt Ion: 65 Resp: 232812

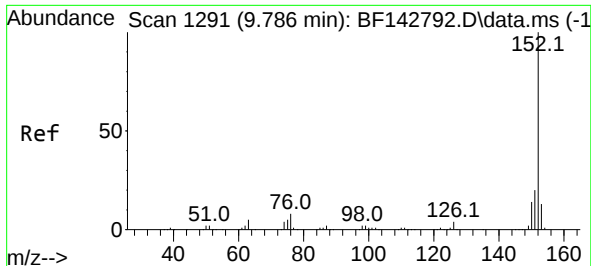
Ion Ratio Lower Upper

65 100

92 65.9 51.4 77.0

138 101.9 77.0 115.4

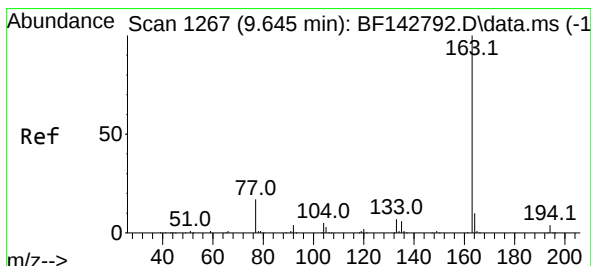
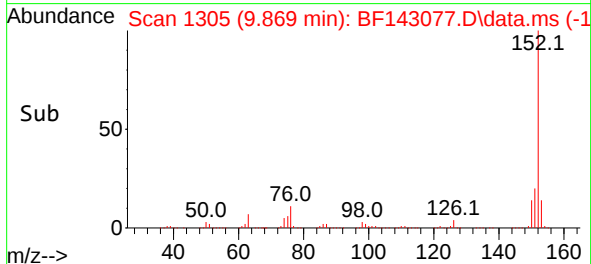
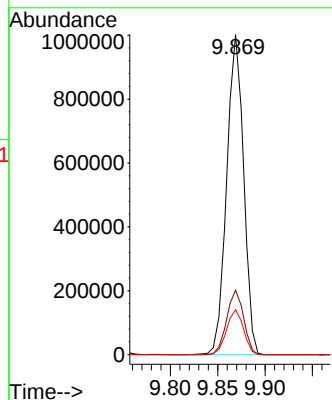
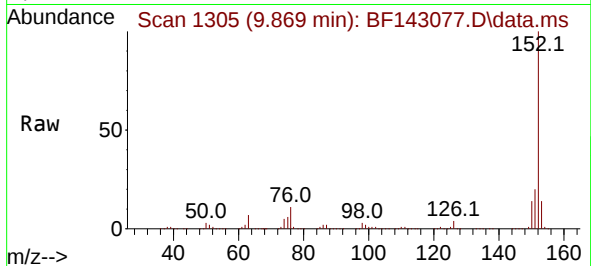




#49
Acenaphthylene
Concen: 58.350 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

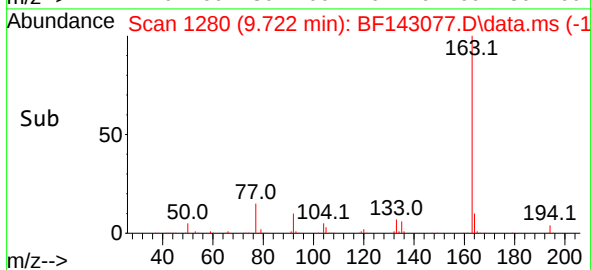
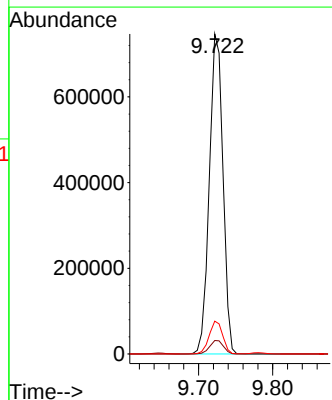
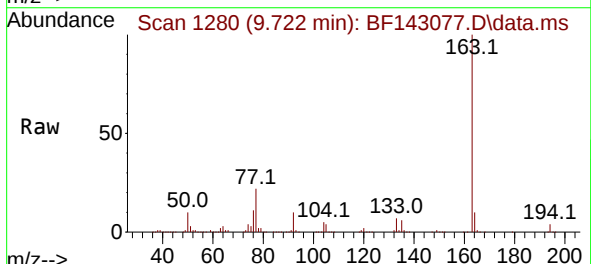
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

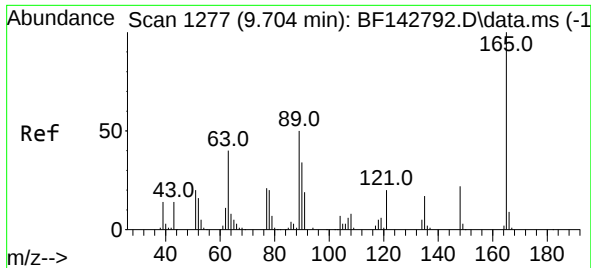
Tgt Ion:152 Resp: 1248659
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.1 11.2 16.8



#50
Dimethylphthalate
Concen: 59.869 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:163 Resp: 953606
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.1 12.1

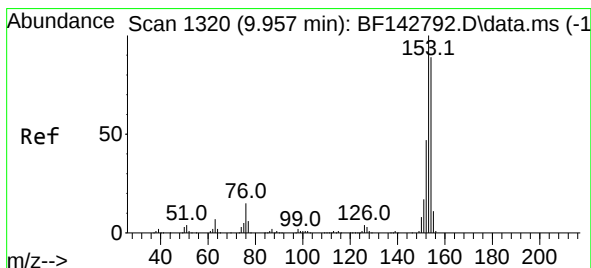
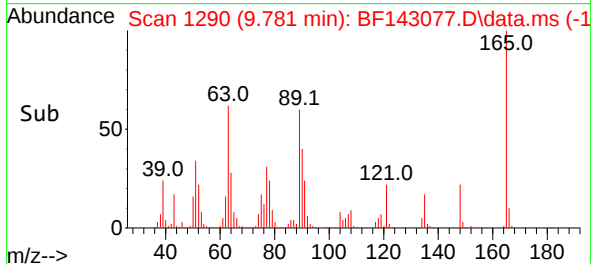
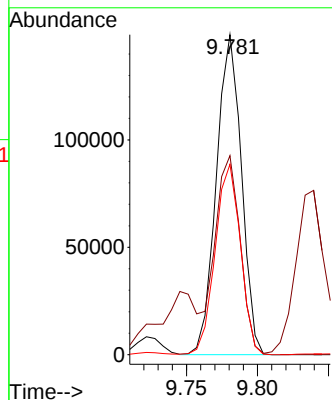
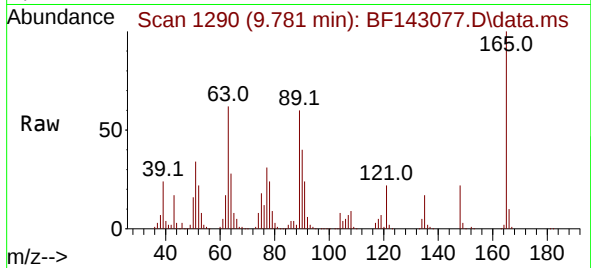




#51
2,6-Dinitrotoluene
Concen: 63.591 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.007 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

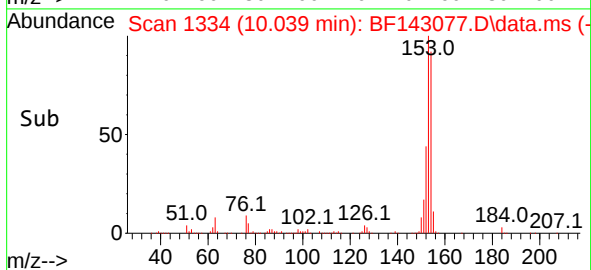
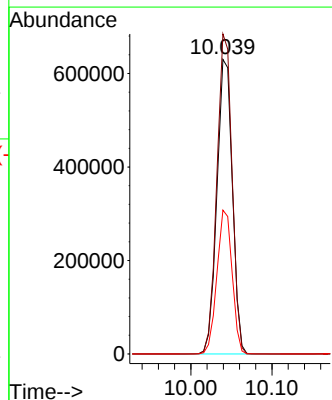
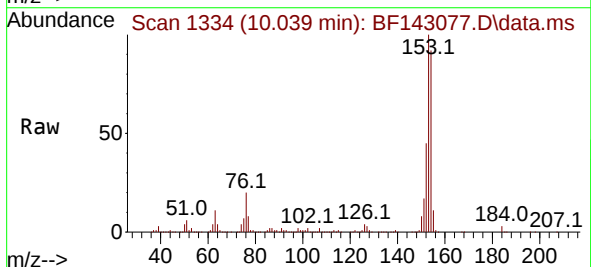
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

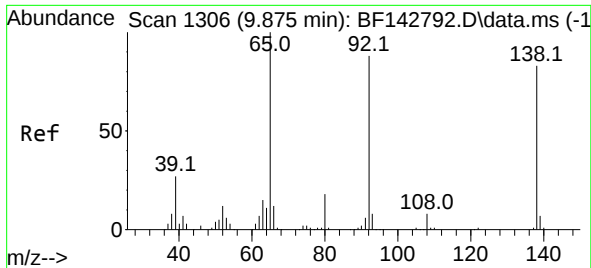
Tgt Ion:165 Resp: 183204
Ion Ratio Lower Upper
165 100
63 62.2 53.0 79.6
89 59.5 50.2 75.4



#52
Acenaphthene
Concen: 57.970 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:154 Resp: 835533
Ion Ratio Lower Upper
154 100
153 108.6 86.6 130.0
152 48.8 38.7 58.1

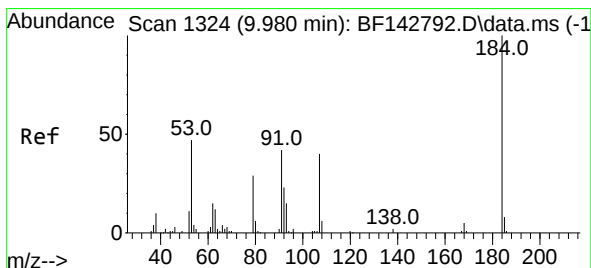
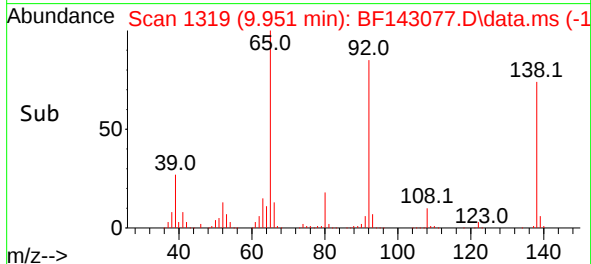
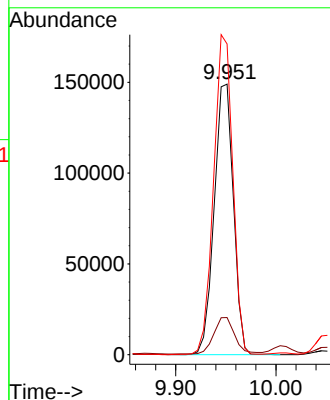
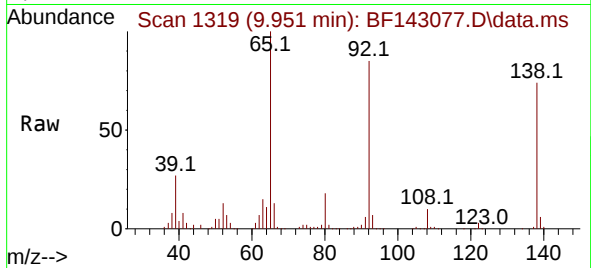




#53
3-Nitroaniline
Concen: 63.891 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

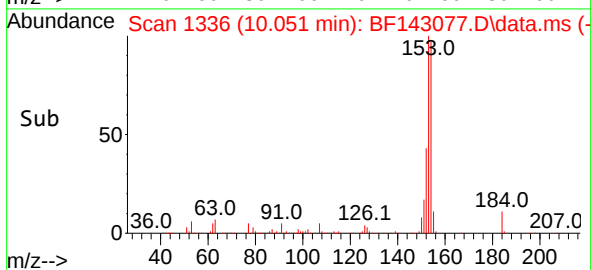
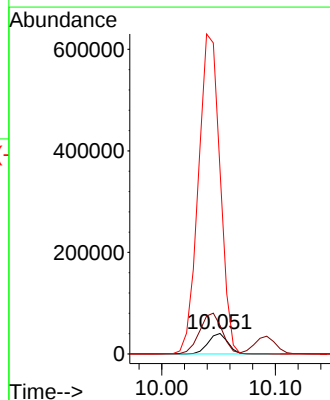
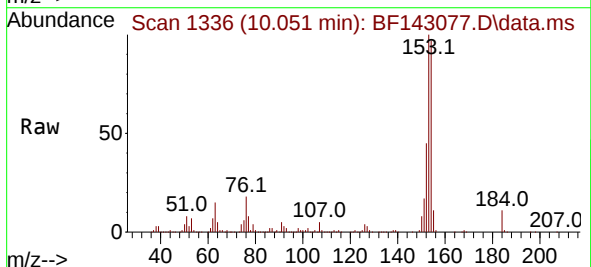
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

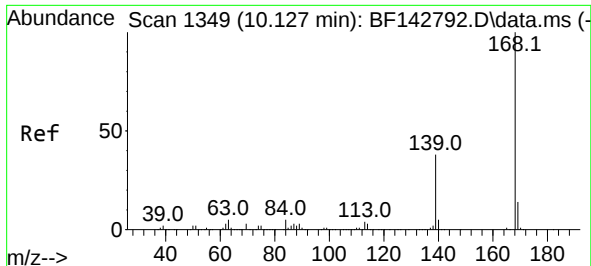
Tgt Ion:138 Resp: 197880
Ion Ratio Lower Upper
138 100
108 13.7 14.0 21.0#
92 114.9 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 64.007 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:184 Resp: 48630
Ion Ratio Lower Upper
184 100
63 139.4 204.9 307.3#
154 897.8 1655.1 2482.7#

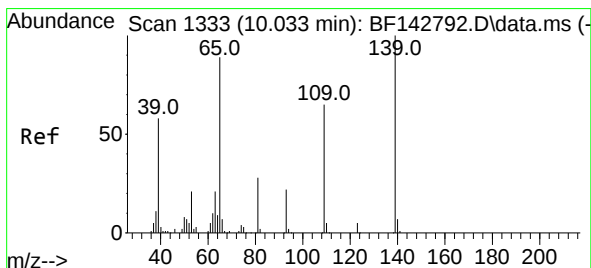
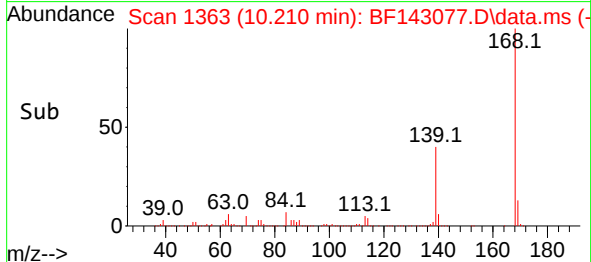
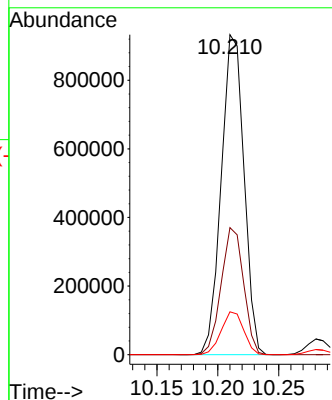
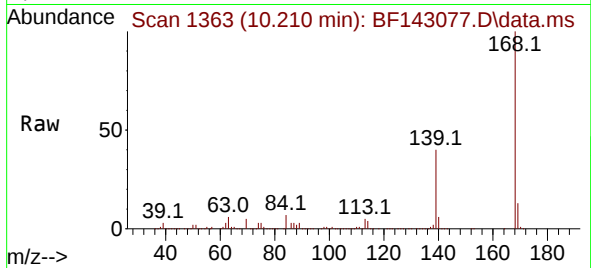




#55
Dibenzofuran
Concen: 57.646 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

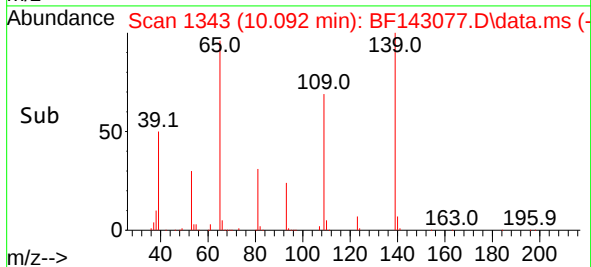
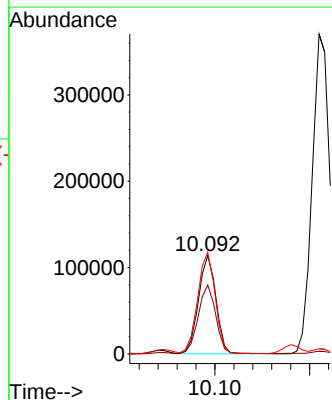
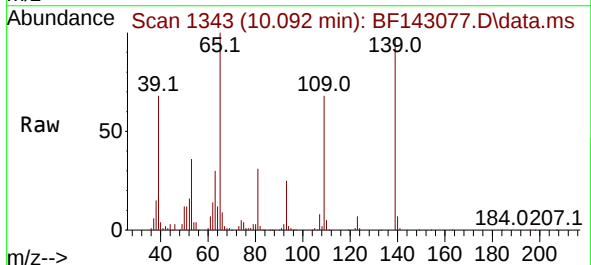
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

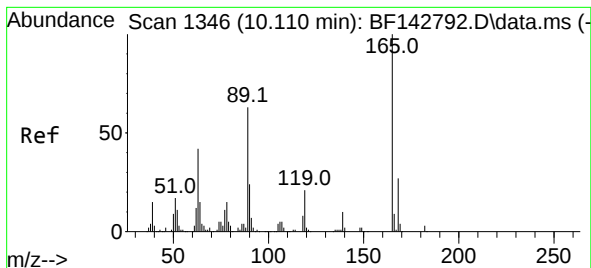
Tgt Ion:168 Resp: 1213430
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 63.584 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:139 Resp: 145506
Ion Ratio Lower Upper
139 100
109 70.0 52.5 92.5
65 103.1 85.8 125.8

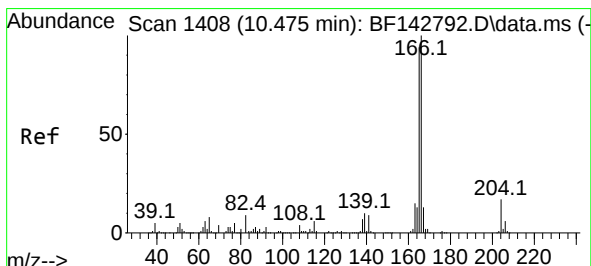
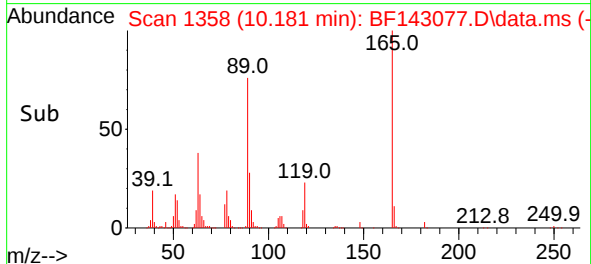
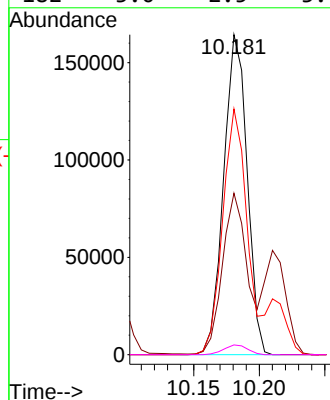
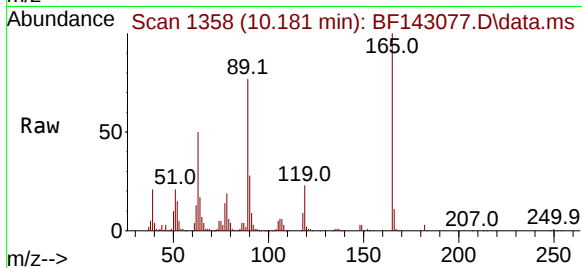




#57
2,4-Dinitrotoluene
Concen: 64.503 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

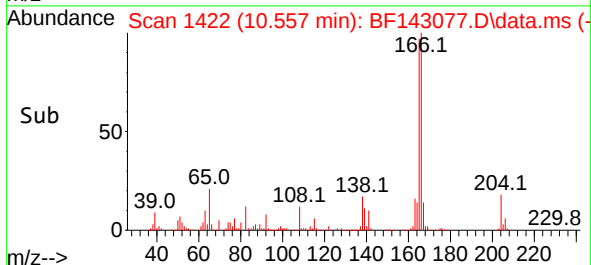
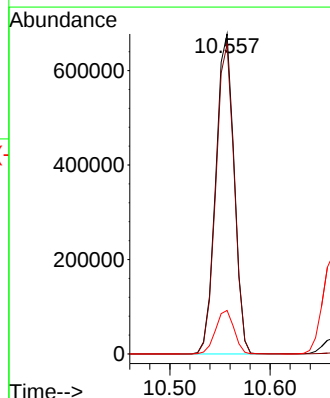
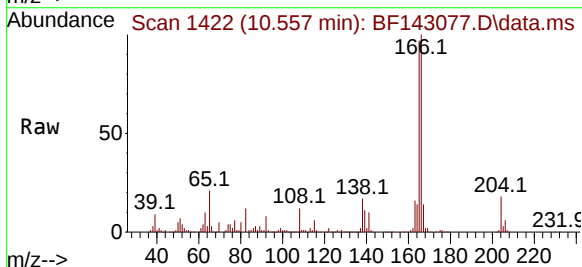
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

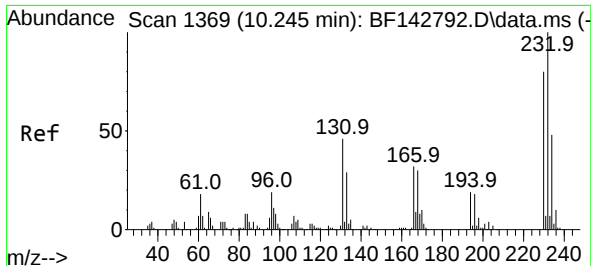
Tgt Ion:165 Resp: 204655
Ion Ratio Lower Upper
165 100
63 50.5 39.0 58.6
89 76.8 59.5 89.3
182 3.0 2.5 3.7



#58
Fluorene
Concen: 55.949 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:166 Resp: 862087
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.4
167 13.6 10.9 16.3

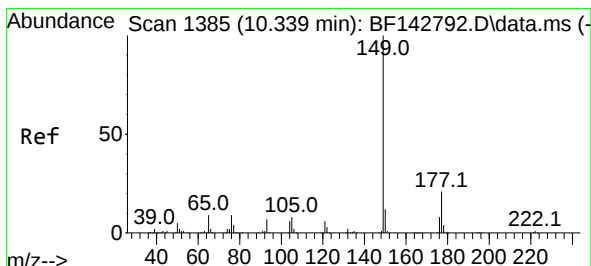
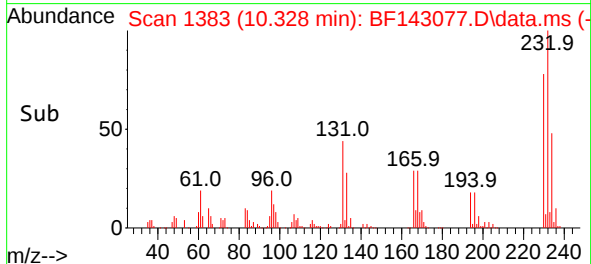
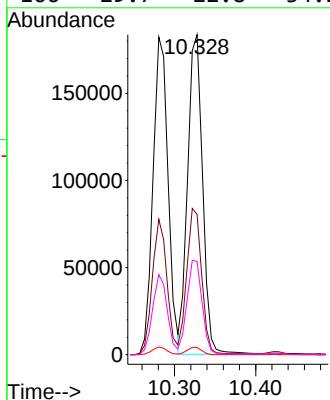
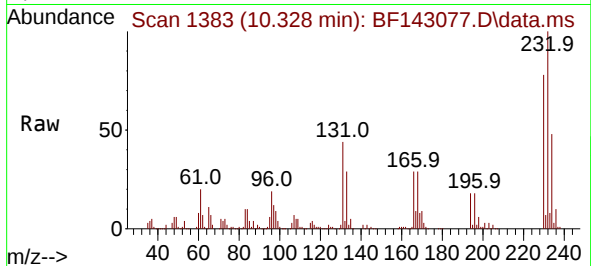




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.854 ng
RT: 10.328 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

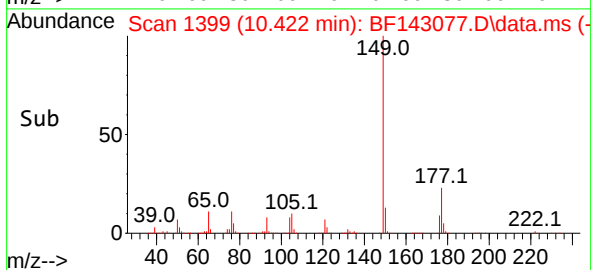
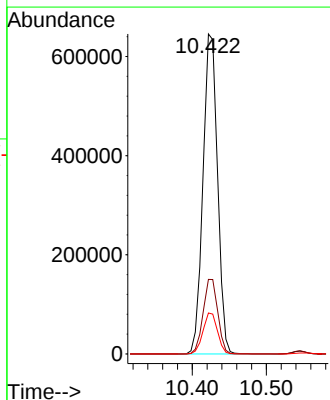
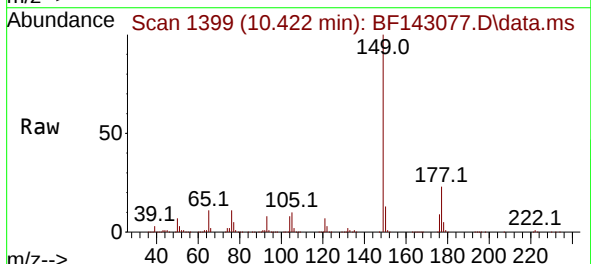
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

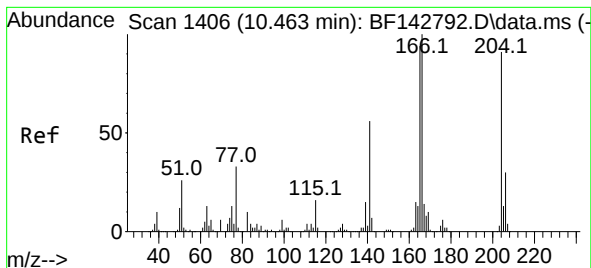
Tgt Ion:232 Resp: 235593
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.3 1.8 2.8
166 29.7 22.8 34.2



#60
Diethylphthalate
Concen: 60.322 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:149 Resp: 884109
Ion Ratio Lower Upper
149 100
177 23.3 18.6 27.8
150 12.8 10.2 15.4

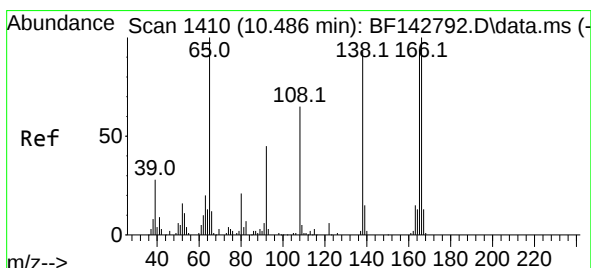
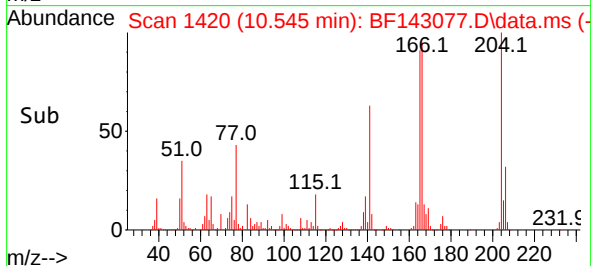
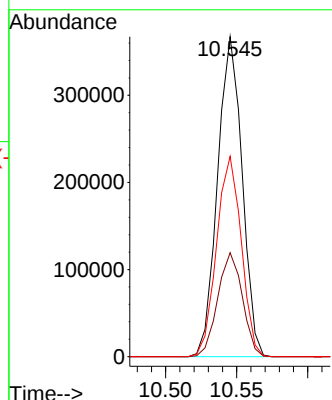
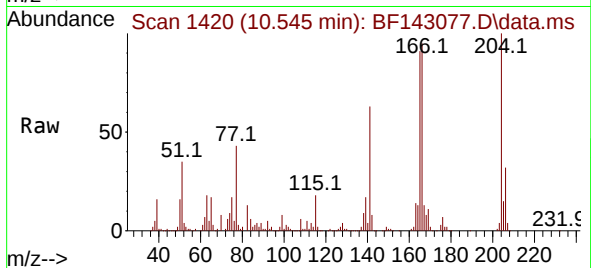




#61
4-Chlorophenyl-phenylether
Concen: 57.618 ng
RT: 10.545 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

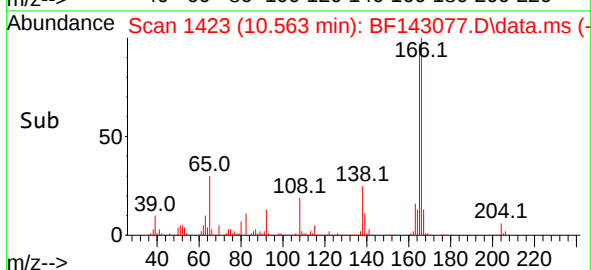
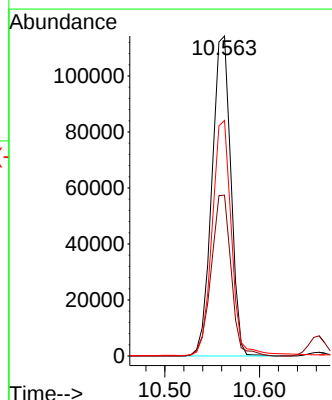
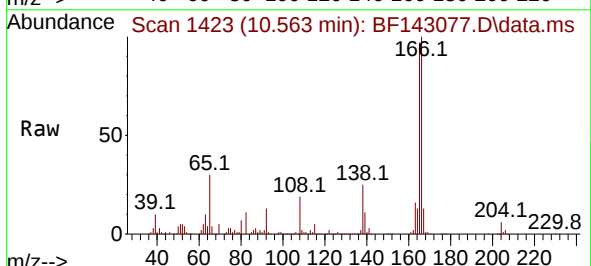
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

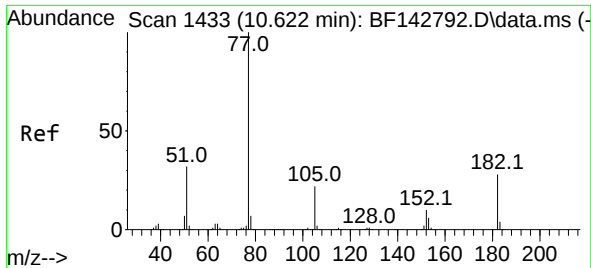
Tgt Ion:204 Resp: 441270
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 62.6 49.4 74.2



#62
4-Nitroaniline
Concen: 63.668 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:138 Resp: 158991
Ion Ratio Lower Upper
138 100
92 50.2 29.3 69.3
108 73.6 52.6 92.6

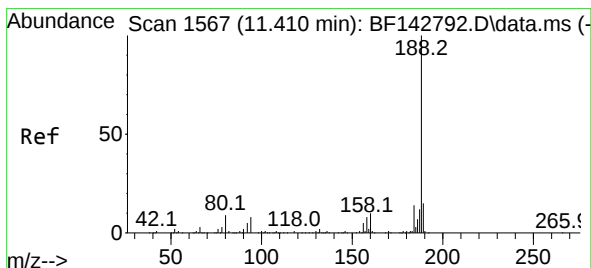
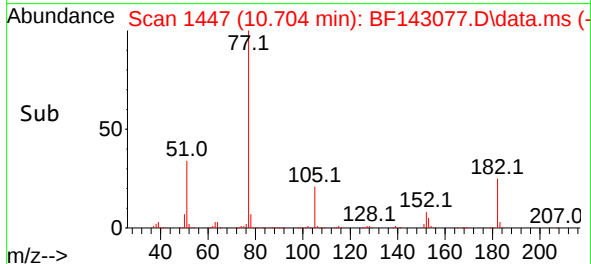
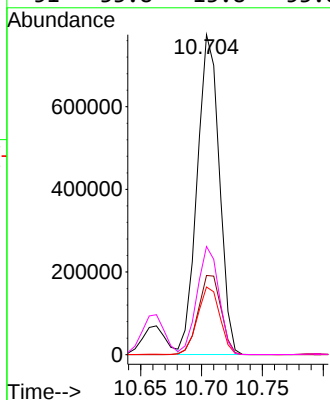
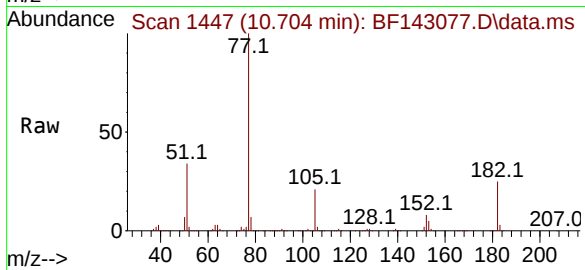




#63
Azobenzene
Concen: 58.732 ng
RT: 10.704 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

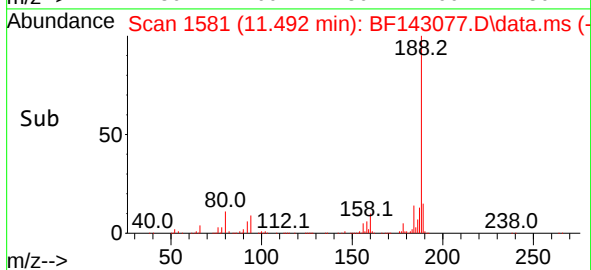
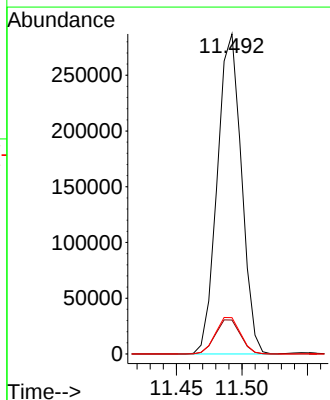
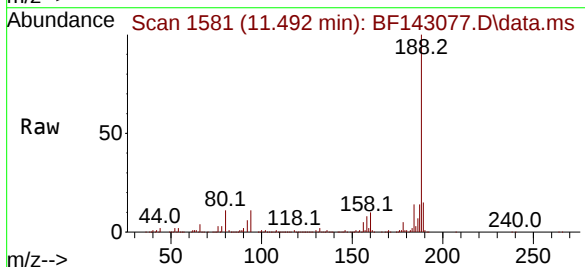
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

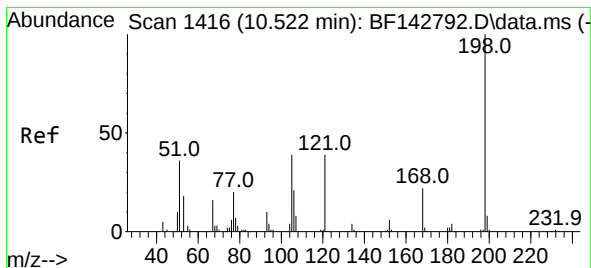
Tgt Ion: 77	Resp: 979957
Ion Ratio	Lower Upper
77 100	
182 24.7	4.5 44.5
105 21.2	1.2 41.2
51 33.8	13.8 53.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:188	Resp: 367747
Ion Ratio	Lower Upper
188 100	
94 10.6	8.4 12.6
80 11.3	9.3 13.9

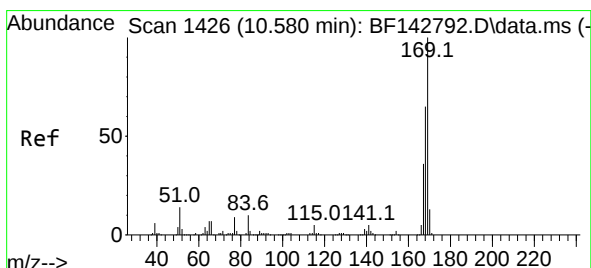
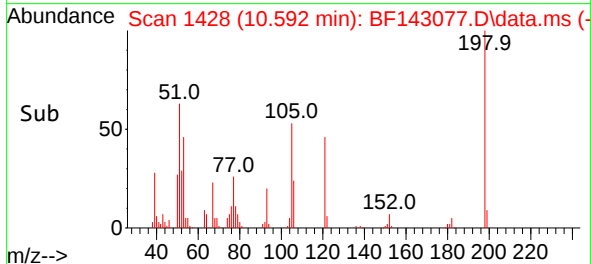
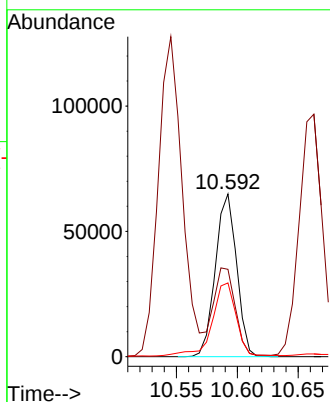
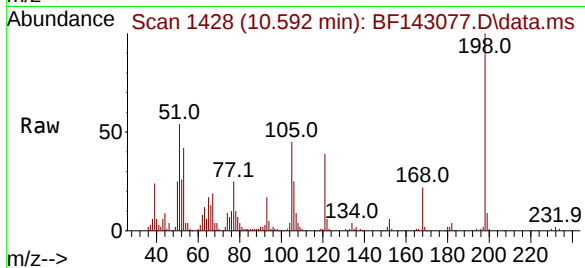




#65
4,6-Dinitro-2-methylphenol
Concen: 63.154 ng
RT: 10.592 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

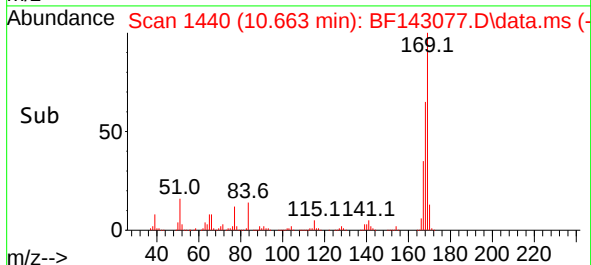
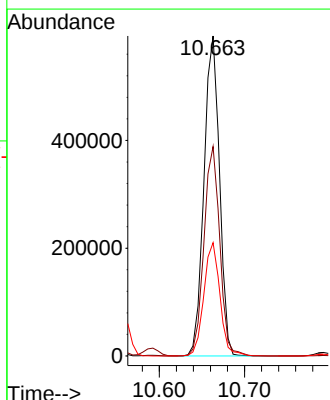
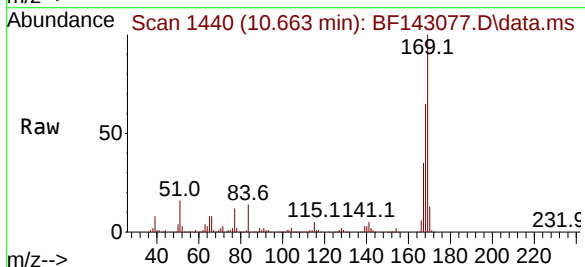
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

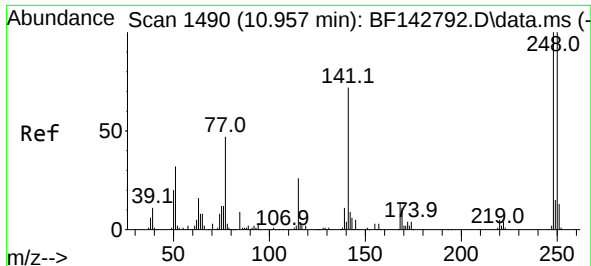
Tgt Ion:198 Resp: 78806
Ion Ratio Lower Upper
198 100
51 53.7 38.7 78.7
105 45.4 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 59.410 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:169 Resp: 750732
Ion Ratio Lower Upper
169 100
168 65.5 52.6 79.0
167 35.4 28.7 43.1

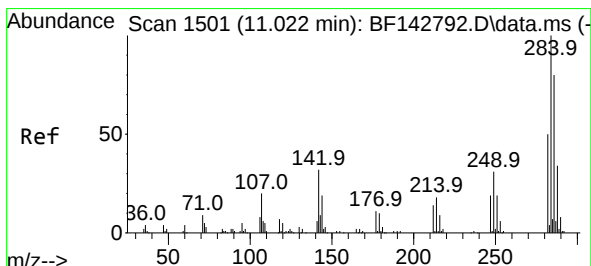
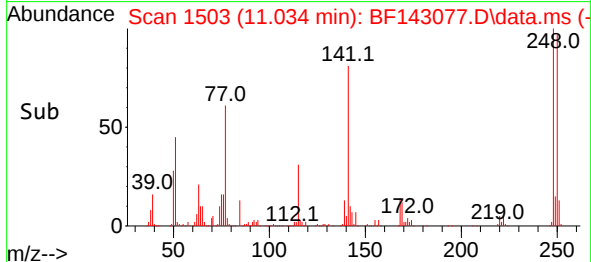
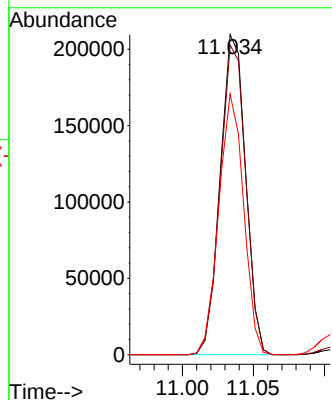
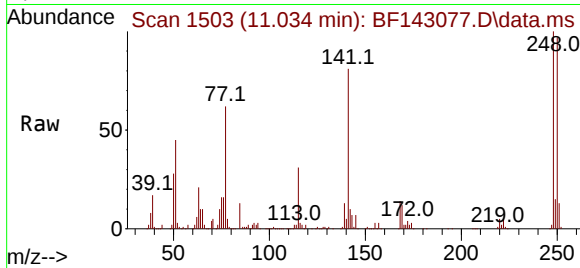




#67
4-Bromophenyl-phenylether
Concen: 61.131 ng
RT: 11.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

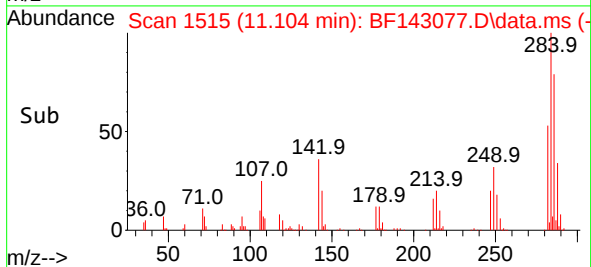
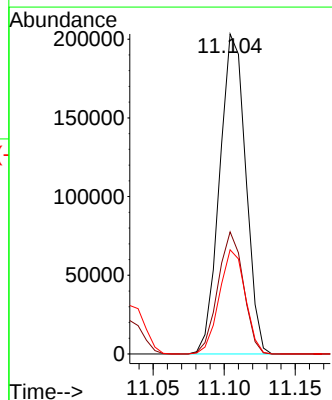
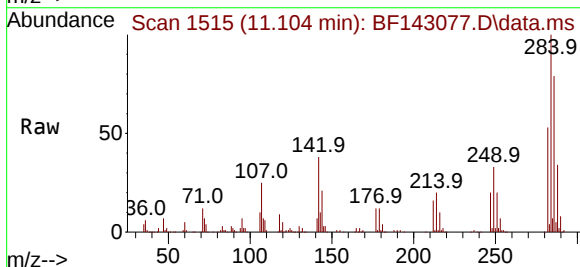
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

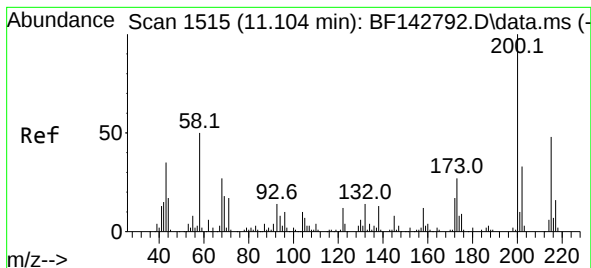
Tgt Ion:248 Resp: 261296
Ion Ratio Lower Upper
248 100
250 96.8 78.5 117.7
141 81.5 64.5 96.7



#68
Hexachlorobenzene
Concen: 60.413 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:284 Resp: 259845
Ion Ratio Lower Upper
284 100
142 38.1 30.1 45.1
249 32.6 25.8 38.6





#69

Atrazine

Concen: 59.562 ng

RT: 11.181 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

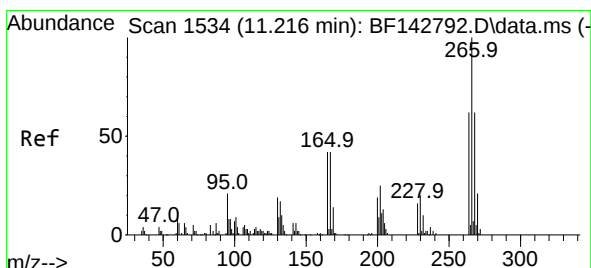
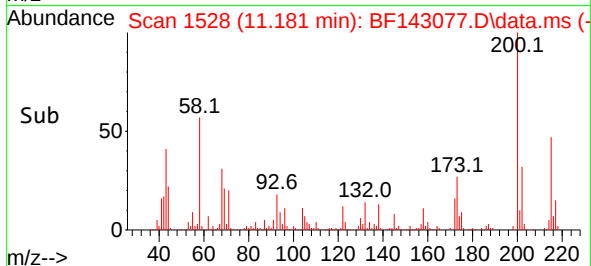
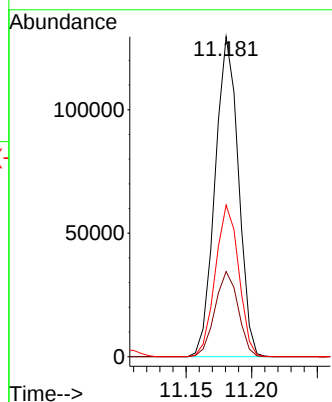
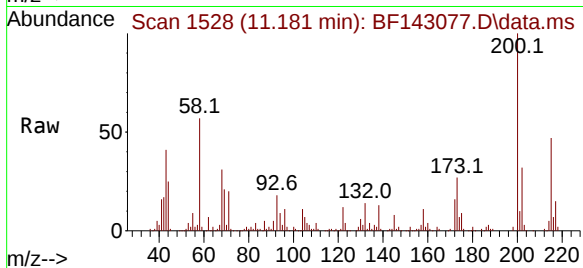
Tgt Ion:200 Resp: 160273

Ion Ratio Lower Upper

200 100

173 26.6 5.3 45.3

215 47.4 27.2 67.2



#70

Pentachlorophenol

Concen: 70.416 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

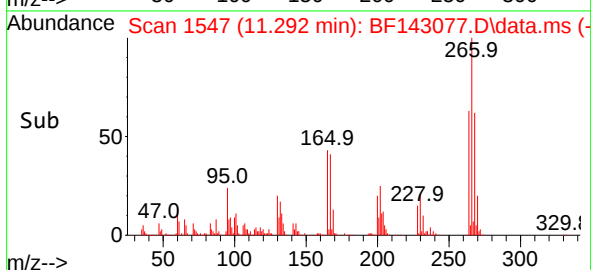
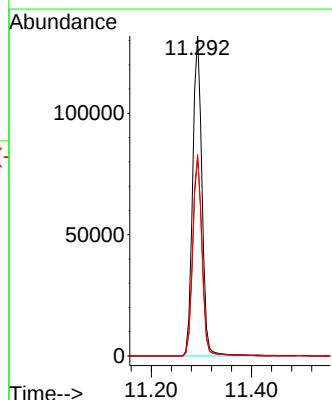
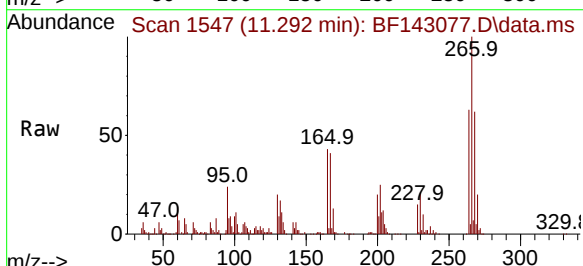
Tgt Ion:266 Resp: 169934

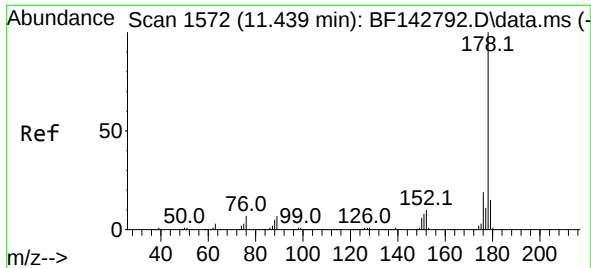
Ion Ratio Lower Upper

266 100

268 62.2 50.9 76.3

264 62.9 51.0 76.4

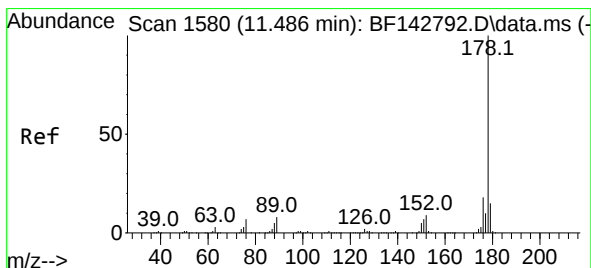
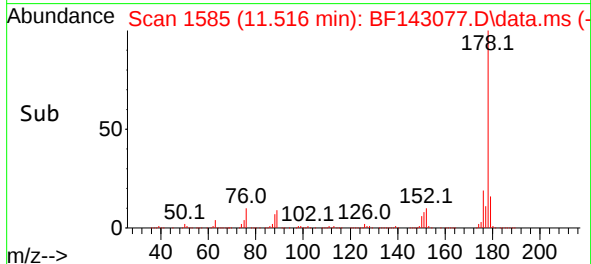
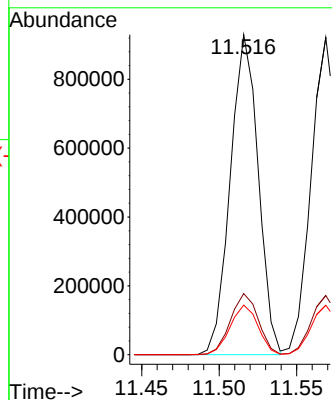
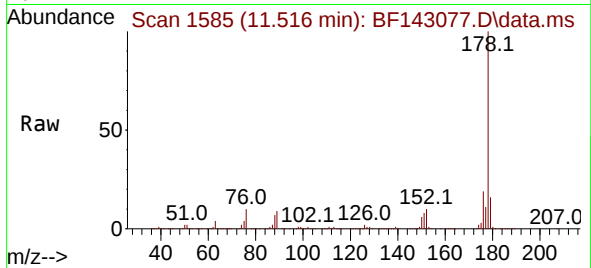




#71
Phenanthrene
Concen: 57.913 ng
RT: 11.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

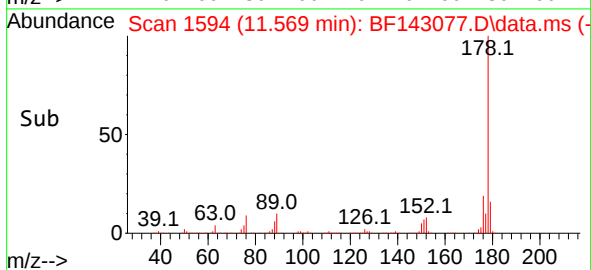
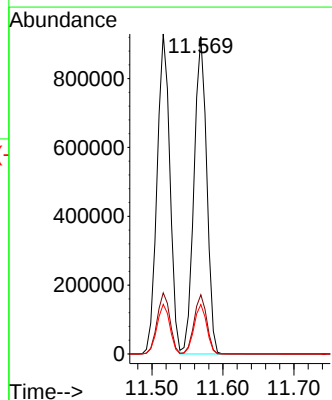
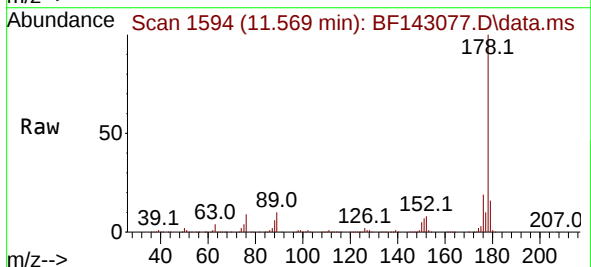
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

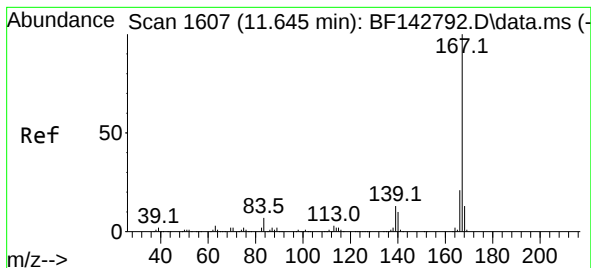
Tgt Ion:178 Resp: 1167138
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 58.412 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:178 Resp: 1147322
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.6 12.3 18.5





#73

Carbazole

Concen: 58.087 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

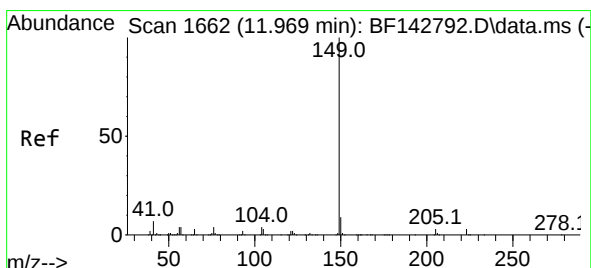
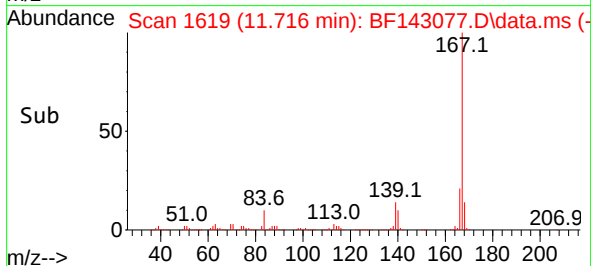
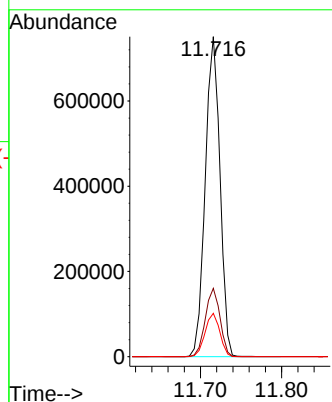
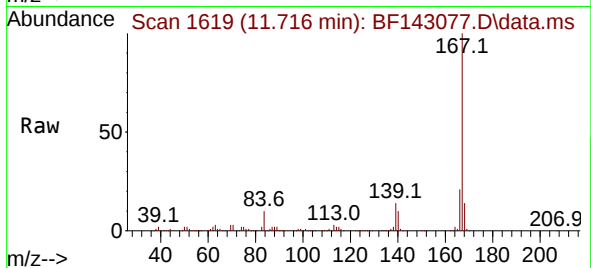
Tgt Ion:167 Resp: 942980

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 13.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 66.067 ng

RT: 12.051 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

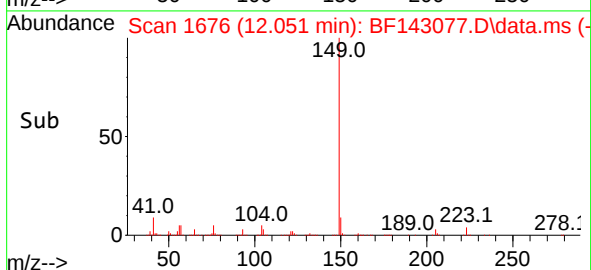
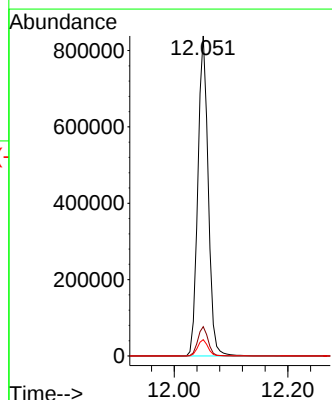
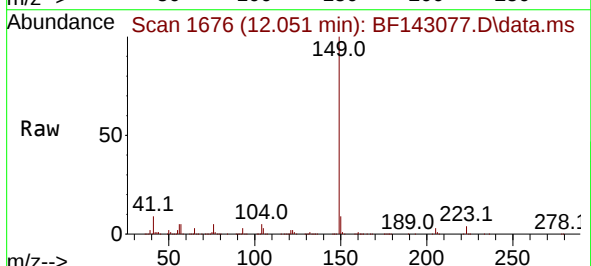
Tgt Ion:149 Resp: 1063798

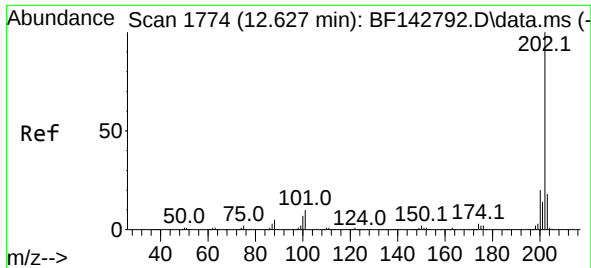
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.1 3.9 5.9

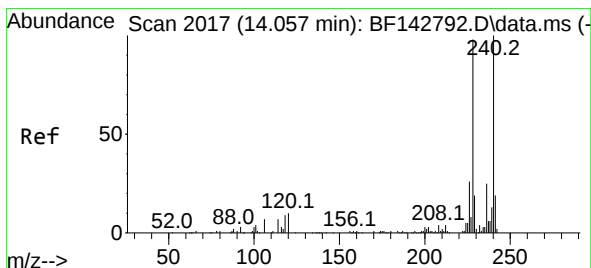
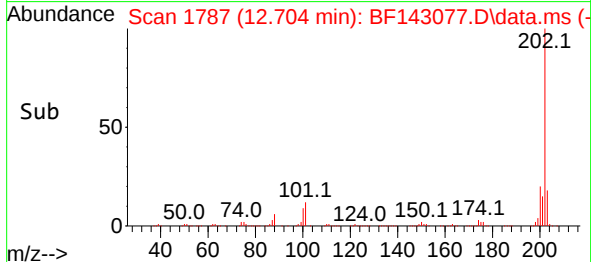
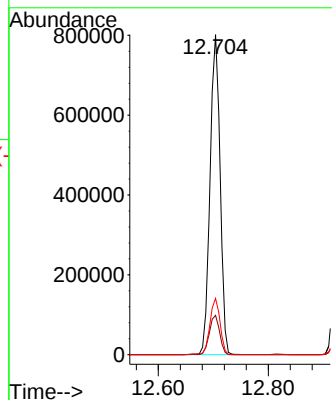
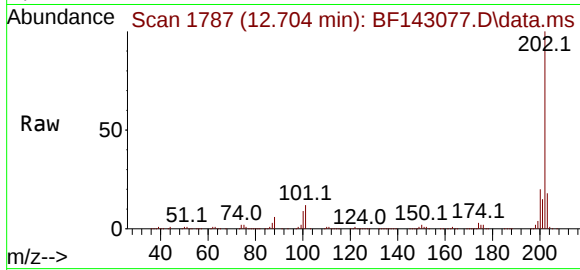




#75
Fluoranthene
Concen: 58.576 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

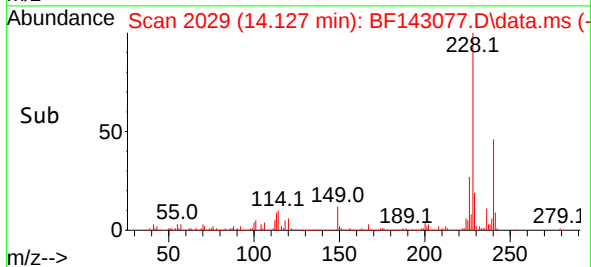
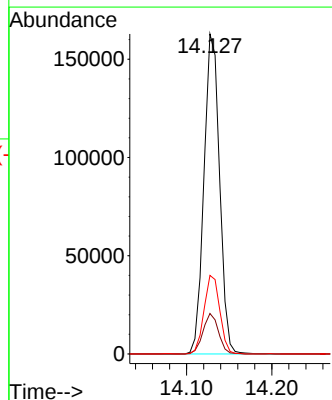
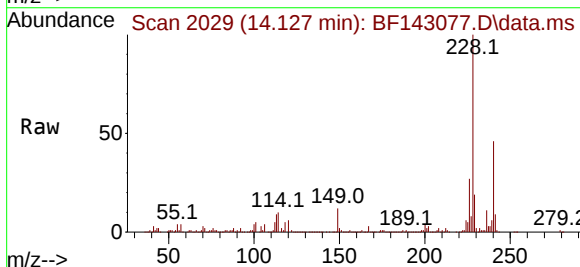
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

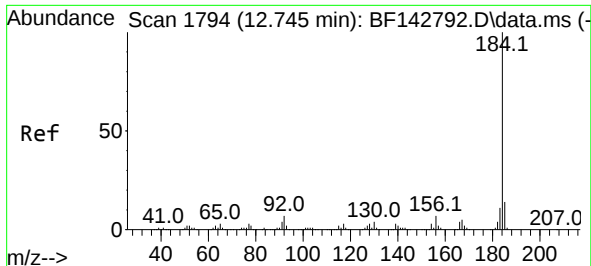
Tgt Ion:202 Resp: 1015362
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:240 Resp: 207174
Ion Ratio Lower Upper
240 100
120 12.6 9.6 14.4
236 24.5 19.8 29.6

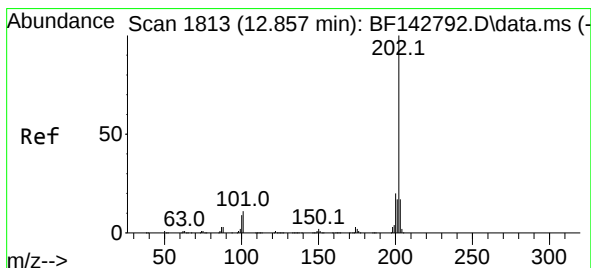
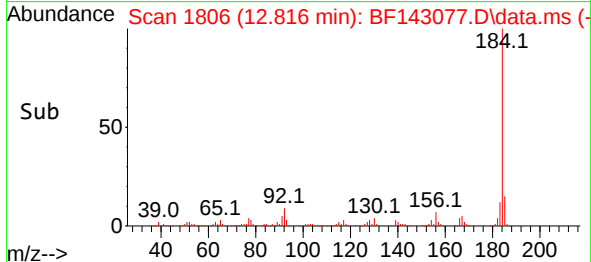
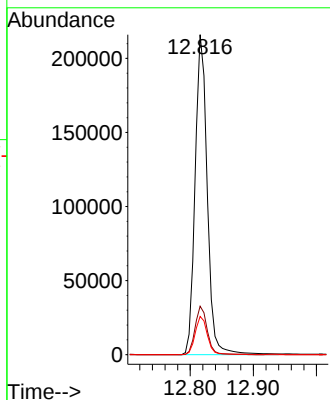
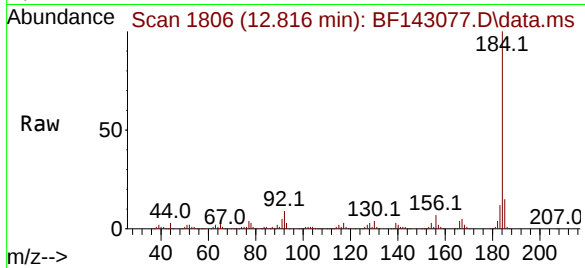




#77
Benzidine
Concen: 70.117 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.001 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

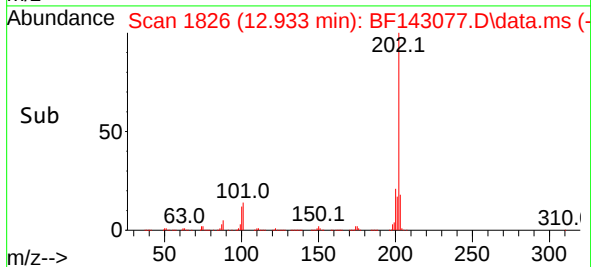
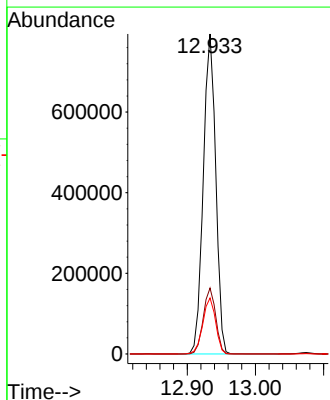
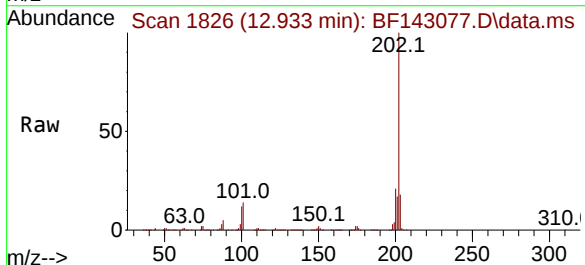
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

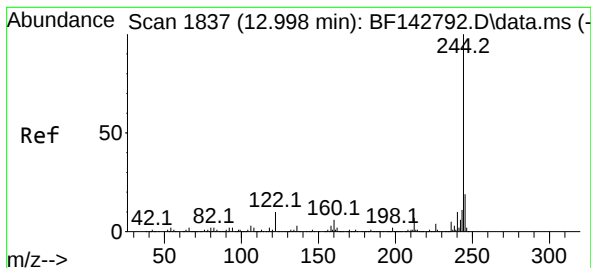
Tgt Ion:184 Resp: 288301
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 12.0 9.2 13.8



#78
Pyrene
Concen: 55.766 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:202 Resp: 1009353
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 110.676 ng

RT: 13.075 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

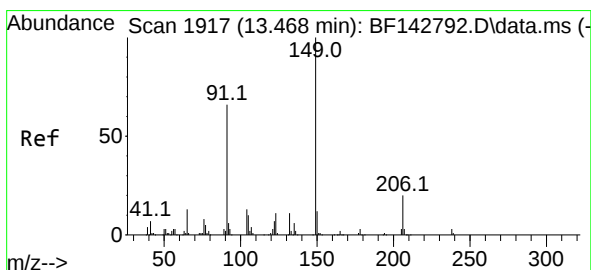
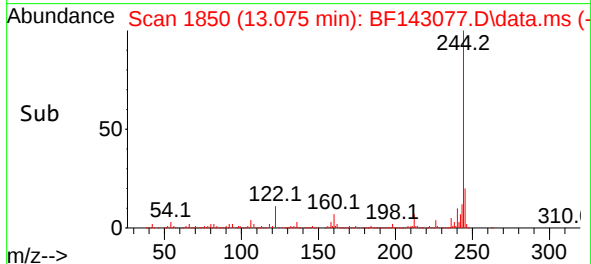
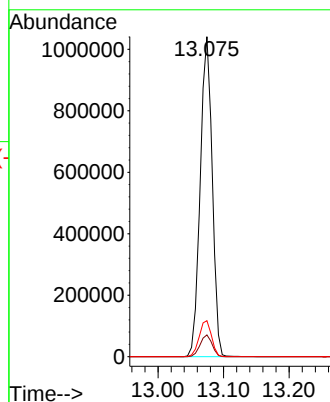
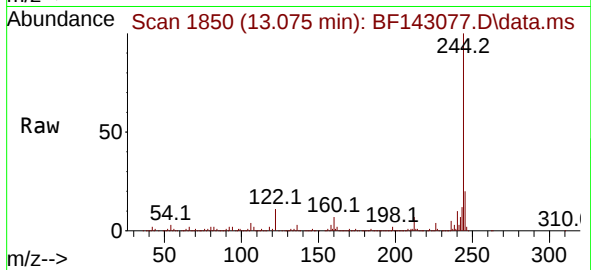
Tgt Ion:244 Resp: 1327223

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 62.831 ng

RT: 13.545 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

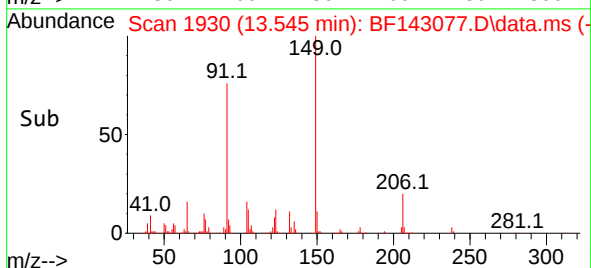
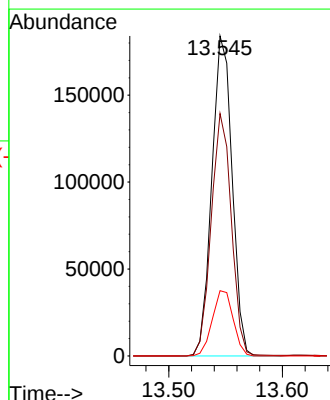
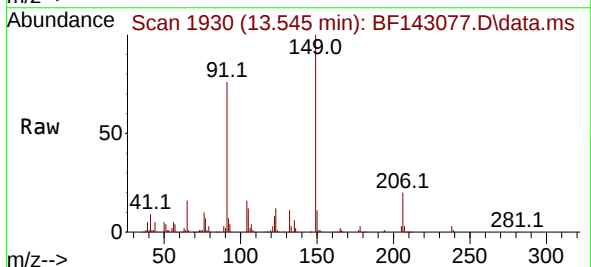
Tgt Ion:149 Resp: 227933

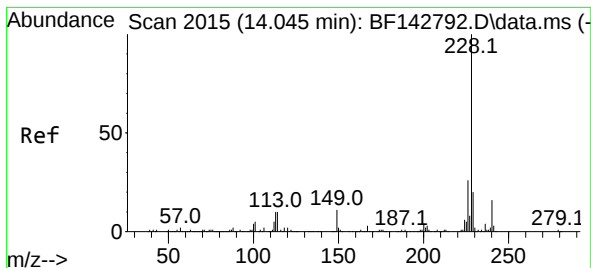
Ion Ratio Lower Upper

149 100

91 75.8 61.5 92.3

206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 61.824 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

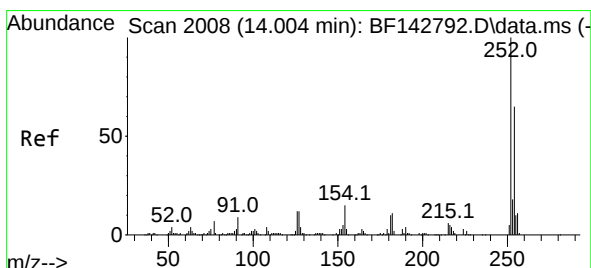
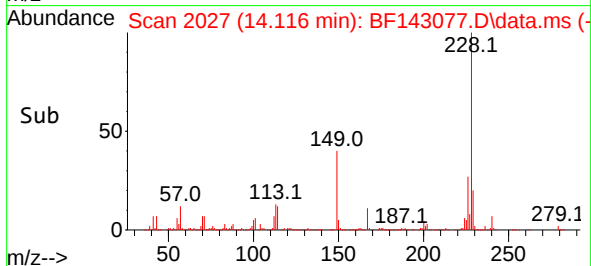
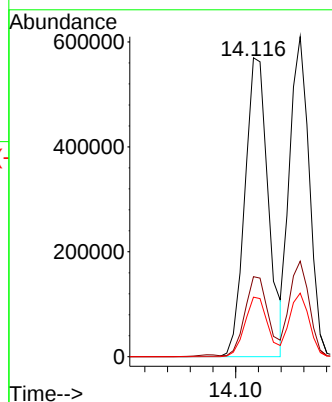
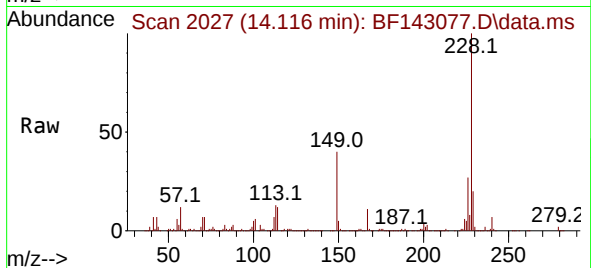
Tgt Ion:228 Resp: 819361

Ion Ratio Lower Upper

228 100

226 26.8 21.1 31.7

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 66.016 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

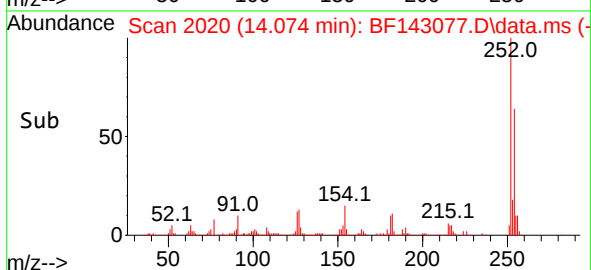
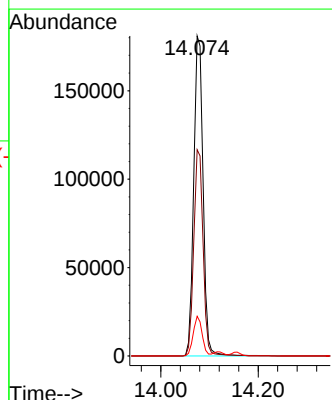
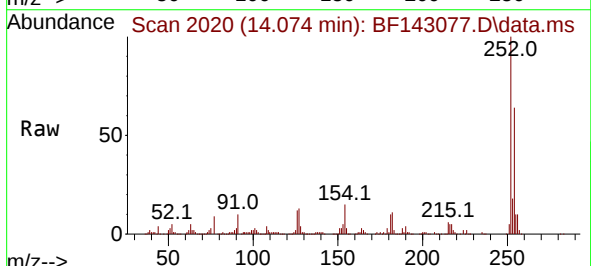
Tgt Ion:252 Resp: 241061

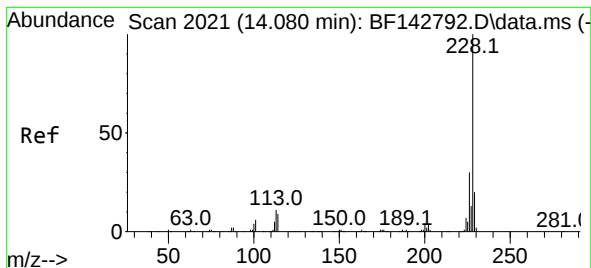
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 12.4 10.1 15.1





#83

Chrysene

Concen: 59.233 ng

RT: 14.157 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

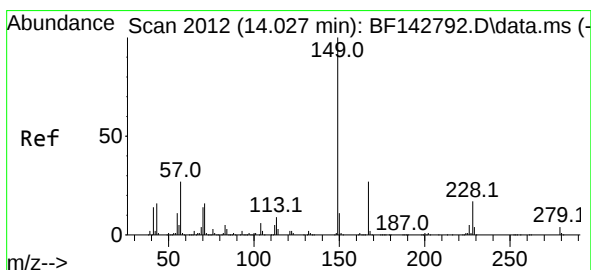
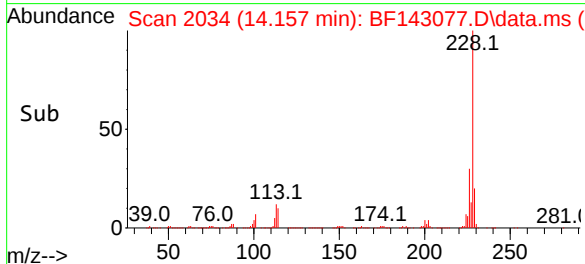
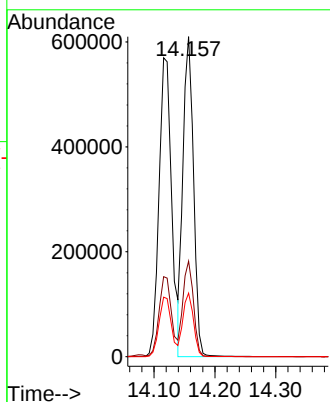
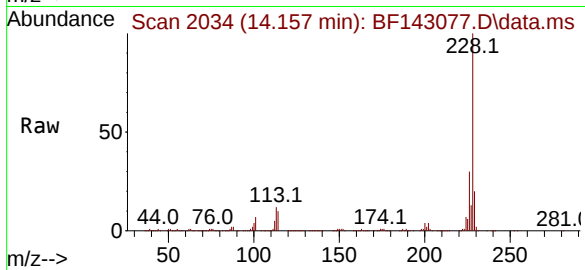
Tgt Ion:228 Resp: 736168

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.393 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

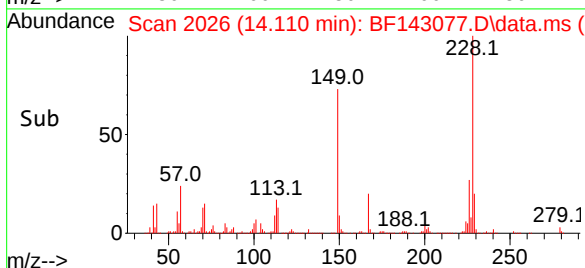
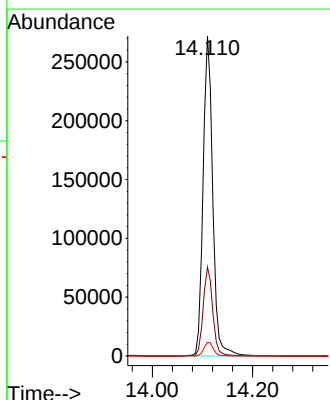
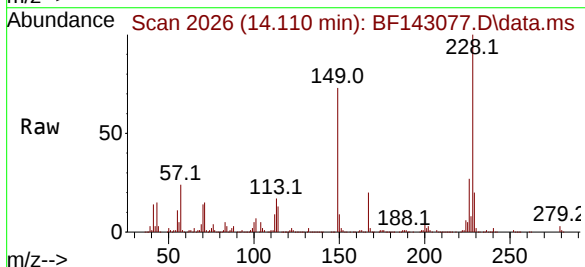
Tgt Ion:149 Resp: 363750

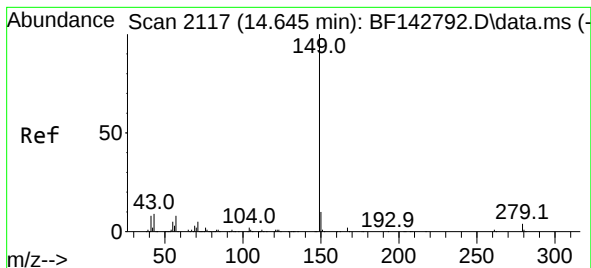
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 4.3 3.5 5.3

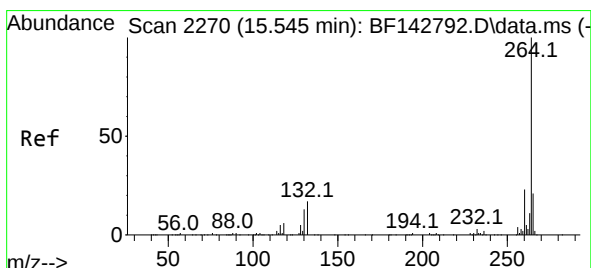
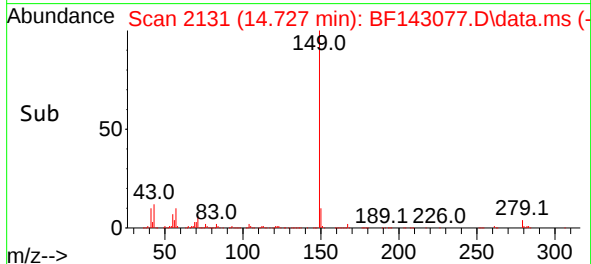
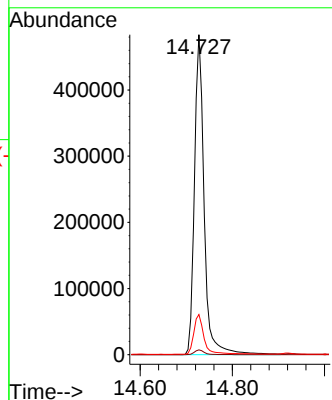
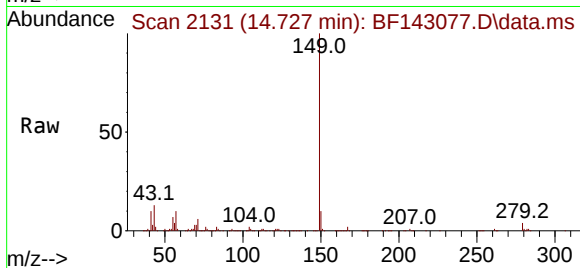




#85
Di-n-octyl phthalate
Concen: 60.467 ng
RT: 14.727 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

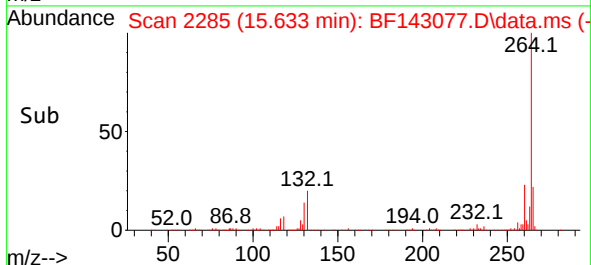
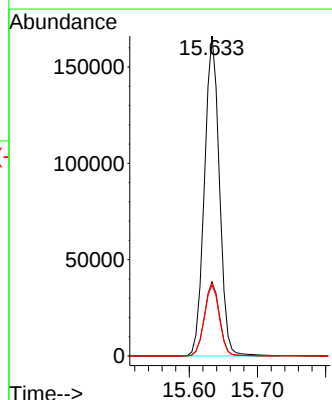
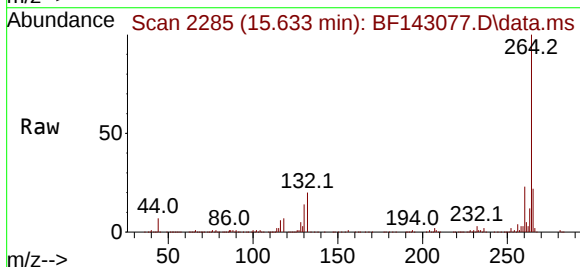
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

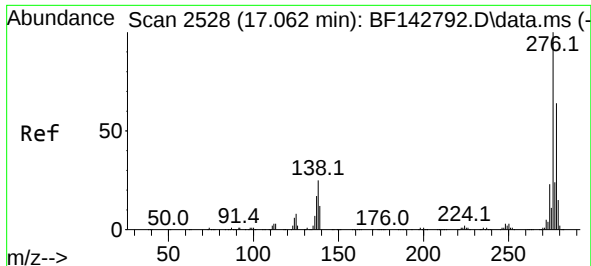
Tgt Ion:149 Resp: 704675
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.1 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:264 Resp: 253467
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.2 17.0 25.6

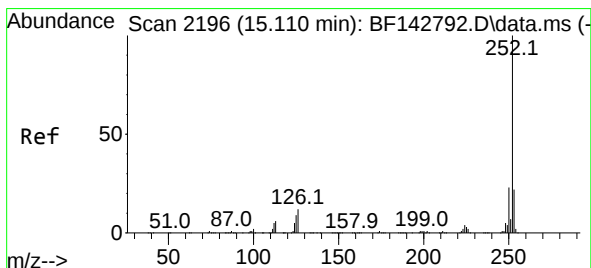
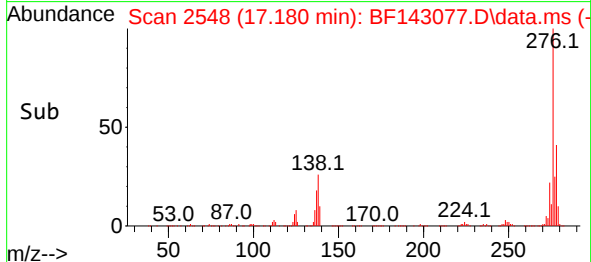
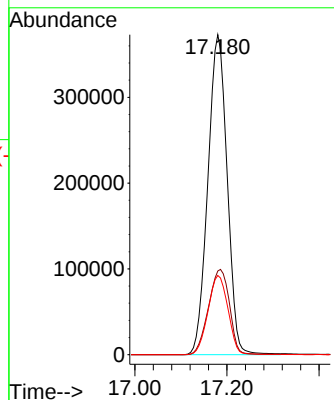
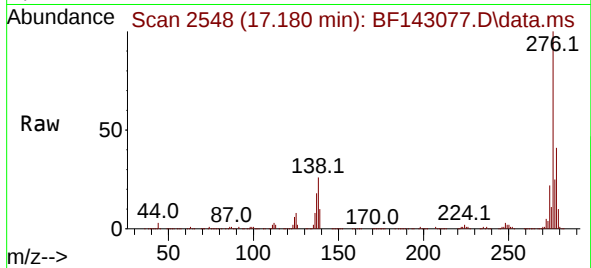




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.396 ng
 RT: 17.180 min Scan# 2110
 Delta R.T. 0.006 min
 Lab File: BF143077.D
 Acq: 11 Jul 2025 15:19

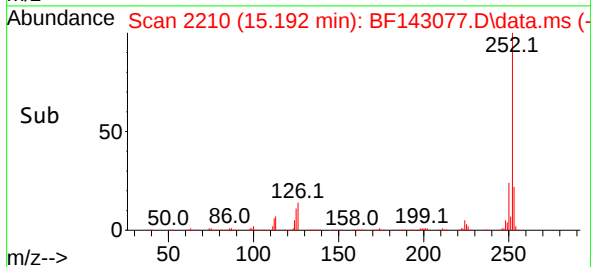
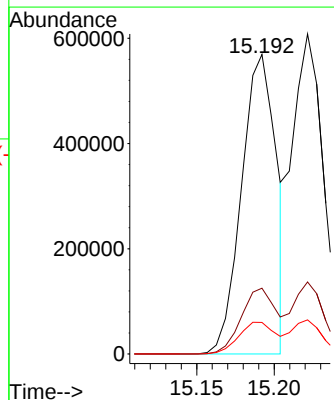
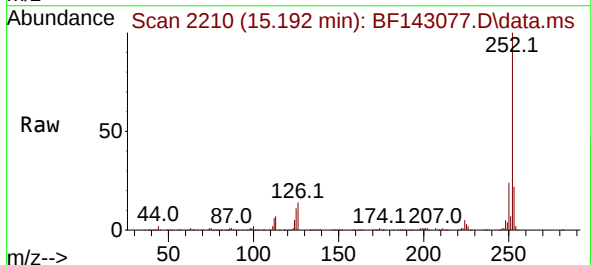
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

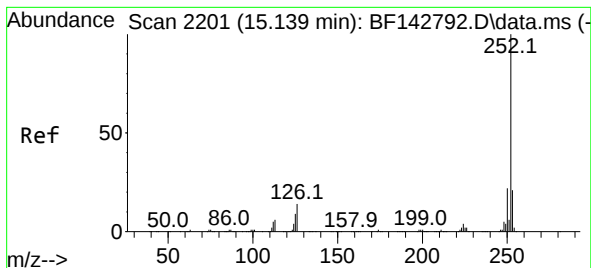
Tgt Ion:276 Resp: 1086880
 Ion Ratio Lower Upper
 276 100
 138 29.0 23.8 35.6
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 59.452 ng
 RT: 15.192 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: BF143077.D
 Acq: 11 Jul 2025 15:19

Tgt Ion:252 Resp: 886667
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.5 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 64.928 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

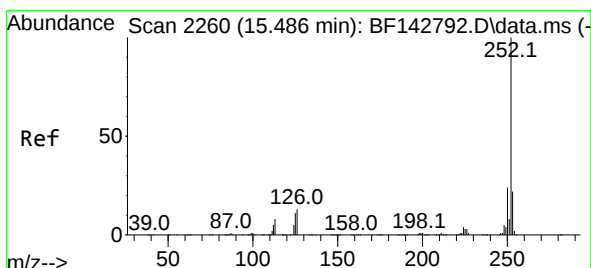
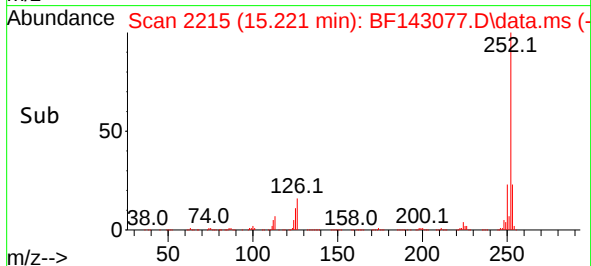
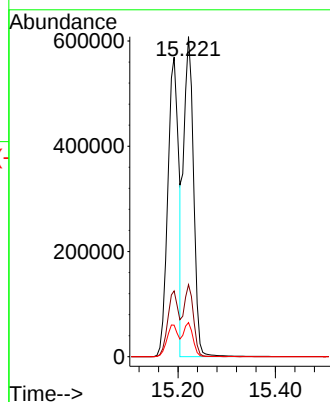
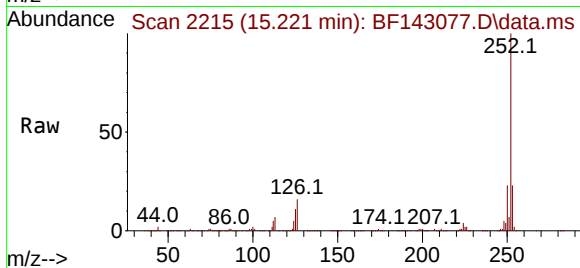
Tgt Ion:252 Resp: 855192

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.7 9.0 13.4



#90

Benzo(a)pyrene

Concen: 63.650 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF143077.D

Acq: 11 Jul 2025 15:19

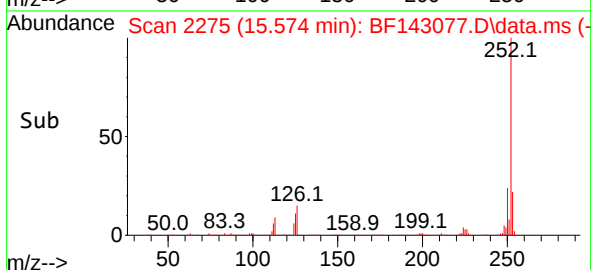
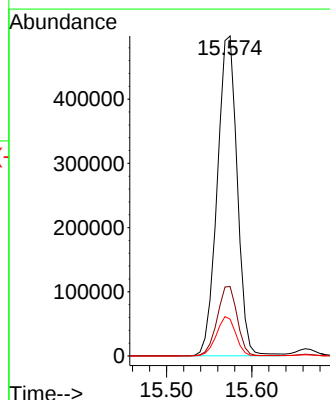
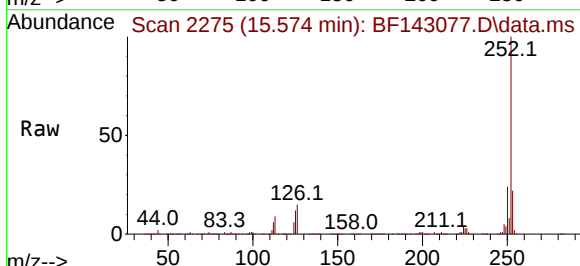
Tgt Ion:252 Resp: 811110

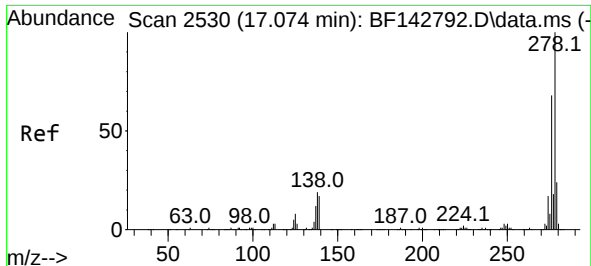
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 11.5 9.7 14.5

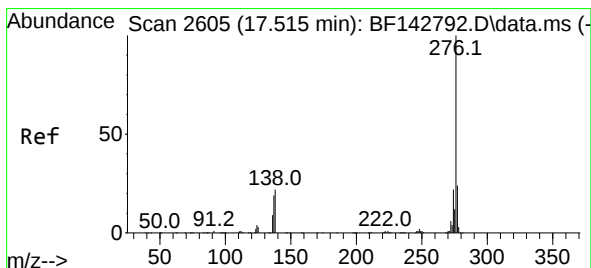
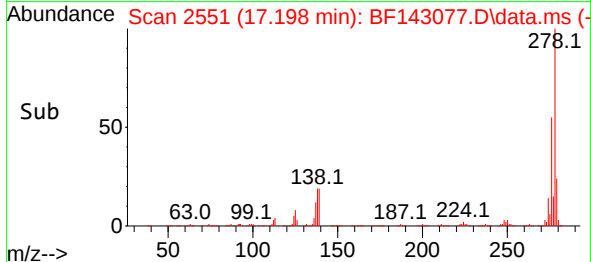
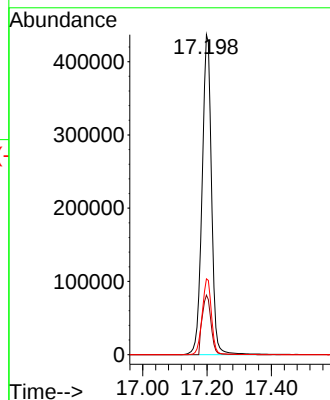
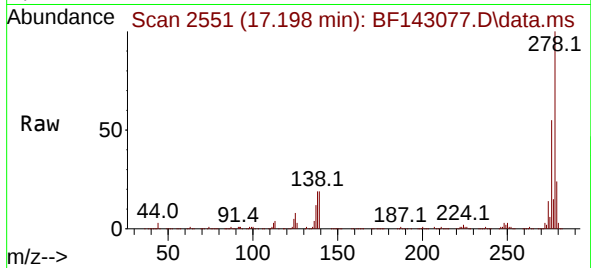




#91
Dibenzo(a,h)anthracene
Concen: 62.645 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 891034
Ion Ratio Lower Upper
278 100
139 18.6 15.0 22.6
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 61.858 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.012 min
Lab File: BF143077.D
Acq: 11 Jul 2025 15:19

Tgt Ion:276 Resp: 925529
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 25.3 20.5 30.7

