

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143278.D
 Acq On : 01 Aug 2025 13:03
 Operator : RC/JU
 Sample : PB169077BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169077BS

Quant Time: Aug 01 13:25:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	102726	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	402894	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	212350	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	364957	20.000	ng	0.00
76) Chrysene-d12	14.127	240	204179	20.000	ng	0.00
86) Perylene-d12	15.633	264	207302	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	745968	114.914	ng	0.02
7) Phenol-d6	6.593	99	929722	113.786	ng	0.00
23) Nitrobenzene-d5	7.522	82	638897	79.046	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	291491	132.877	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1190626	76.681	ng	0.00
79) Terphenyl-d14	13.069	244	1164765	84.891	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	116179	37.823	ng	100
3) Pyridine	3.652	79	282017	35.373	ng	98
4) n-Nitrosodimethylamine	3.593	42	167772	40.758	ng	98
6) Aniline	6.622	93	373032	32.758	ng	94
8) 2-Chlorophenol	6.751	128	292350	42.965	ng	97
9) Benzaldehyde	6.510	77	184796	30.161	ng	98
10) Phenol	6.604	94	376841	42.336	ng	90
11) bis(2-Chloroethyl)ether	6.693	93	279114	40.954	ng	98
12) 1,3-Dichlorobenzene	6.904	146	308643	41.755	ng	99
13) 1,4-Dichlorobenzene	6.981	146	316003	42.451	ng	100
14) 1,2-Dichlorobenzene	7.134	146	301217	42.544	ng	99
15) Benzyl Alcohol	7.098	79	270636	43.379	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	509535	40.302	ng	98
17) 2-Methylphenol	7.210	107	246221	43.036	ng	98
18) Hexachloroethane	7.475	117	112825	43.782	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	214772	40.970	ng	99
20) 3+4-Methylphenols	7.363	107	295847	42.620	ng	# 76
22) Acetophenone	7.369	105	395536	41.467	ng	# 98
24) Nitrobenzene	7.540	77	322680	42.821	ng	99
25) Isophorone	7.781	82	591945	41.486	ng	99
26) 2-Nitrophenol	7.857	139	158096	48.341	ng	99
27) 2,4-Dimethylphenol	7.893	122	272687	40.905	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	353461	41.317	ng	100
29) 2,4-Dichlorophenol	8.098	162	244553	43.500	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	262022	43.141	ng	99
31) Naphthalene	8.263	128	839310	42.300	ng	100
32) Benzoic acid	8.004	122	153676	41.687	ng	100
33) 4-Chloroaniline	8.304	127	172008	21.230	ng	99
34) Hexachlorobutadiene	8.387	225	162144	43.702	ng	99
35) Caprolactam	8.675	113	55067	32.414	ng	98
36) 4-Chloro-3-methylphenol	8.787	107	270471	44.263	ng	100
37) 2-Methylnaphthalene	8.957	142	512864	42.476	ng	100
38) 1-Methylnaphthalene	9.057	142	530392	42.659	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	260264	42.452	ng	99
41) Hexachlorocyclopentadiene	9.116	237	328567	82.366	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	176732	41.652	ng	99

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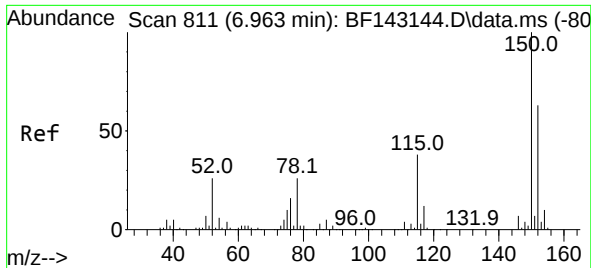
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	190710	44.933	ng	99
46) 1,1'-Biphenyl	9.422	154	711802	42.964	ng	99
47) 2-Chloronaphthalene	9.445	162	523882	42.736	ng	99
48) 2-Nitroaniline	9.534	65	181505	47.214	ng	100
49) Acenaphthylene	9.863	152	886064	43.131	ng	100
50) Dimethylphthalate	9.716	163	626516	45.263	ng	100
51) 2,6-Dinitrotoluene	9.775	165	137755	48.922	ng	99
52) Acenaphthene	10.034	154	566786	46.679	ng	98
53) 3-Nitroaniline	9.945	138	101661	30.867	ng	98
54) 2,4-Dinitrophenol	10.051	184	129077	99.382	ng	# 1
55) Dibenzofuran	10.204	168	770251	42.726	ng	99
56) 4-Nitrophenol	10.104	139	216601	88.070	ng	98
57) 2,4-Dinitrotoluene	10.181	165	185348	52.467	ng	95
58) Fluorene	10.551	166	597126	44.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	159905	45.482	ng	98
60) Diethylphthalate	10.416	149	627943	45.899	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	299207	44.412	ng	100
62) 4-Nitroaniline	10.563	138	138303	48.996	ng	98
63) Azobenzene	10.698	77	615705	43.181	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	91050	47.636	ng	98
66) n-Nitrosodiphenylamine	10.657	169	535107	41.638	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	187731	43.163	ng	98
68) Hexachlorobenzene	11.104	284	196304	43.182	ng	96
69) Atrazine	11.181	200	171872	48.511	ng	99
70) Pentachlorophenol	11.292	266	225132	84.212	ng	98
71) Phenanthrene	11.516	178	834843	43.082	ng	100
72) Anthracene	11.563	178	845596	42.786	ng	100
73) Carbazole	11.716	167	763818	44.260	ng	100
74) Di-n-butylphthalate	12.039	149	921317	47.182	ng	100
75) Fluoranthene	12.698	202	833975	46.888	ng	99
77) Benzidine	12.816	184	337780	42.939	ng	98
78) Pyrene	12.933	202	816421	46.852	ng	99
80) Butylbenzylphthalate	13.539	149	299874	56.199	ng	99
81) Benzo(a)anthracene	14.116	228	633000	46.306	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	122772	26.947	ng	99
83) Chrysene	14.157	228	533282	43.390	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	387790	48.015	ng	100
85) Di-n-octyl phthalate	14.716	149	620118	42.359	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	660034	45.153	ng	97
88) Benzo(b)fluoranthene	15.186	252	565613	44.662	ng	100
89) Benzo(k)fluoranthene	15.221	252	510964	45.214	ng	98
90) Benzo(a)pyrene	15.568	252	529530	45.382	ng	100
91) Dibenzo(a,h)anthracene	17.198	278	535886	45.041	ng	98
92) Benzo(g,h,i)perylene	17.645	276	521256	45.291	ng	98

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

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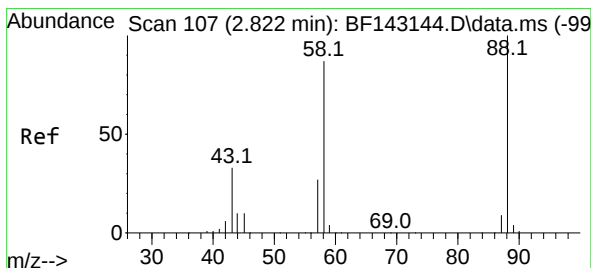
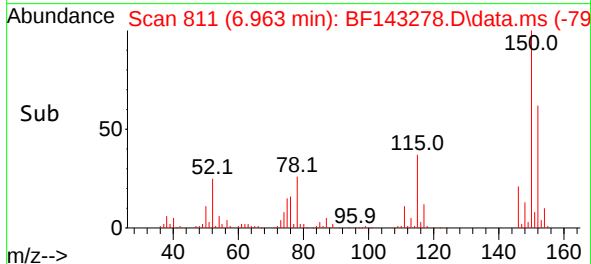
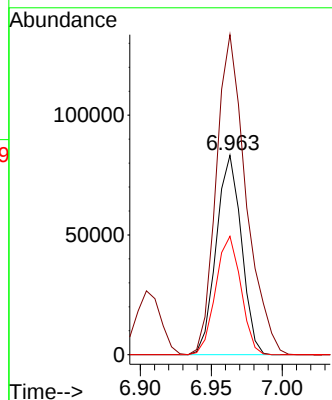
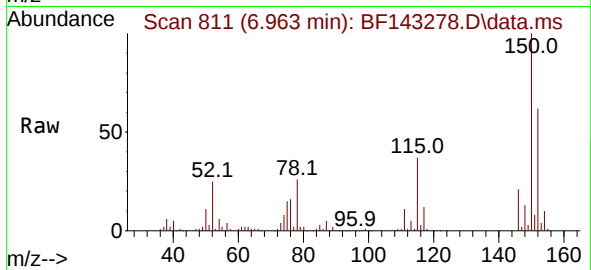




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

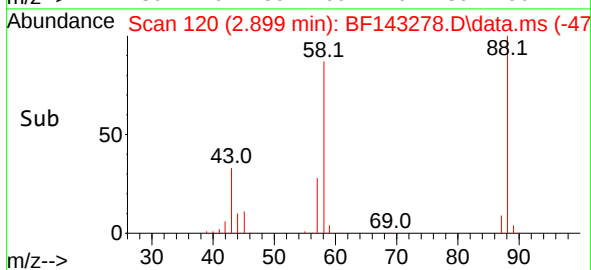
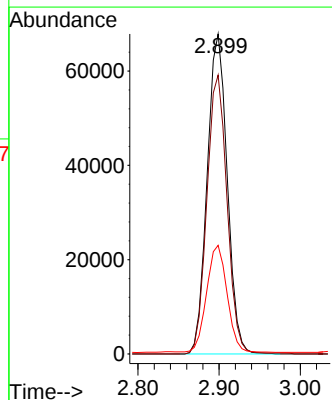
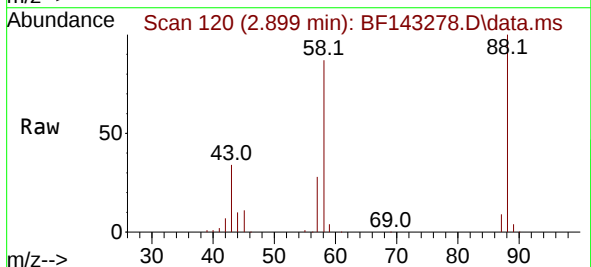
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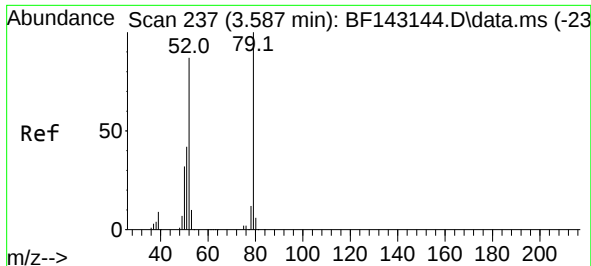
Tgt Ion:152 Resp: 102726
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.2 192.4
 115 59.4 47.9 71.9



#2
 1,4-Dioxane
 Concen: 37.823 ng
 RT: 2.899 min Scan# 120
 Delta R.T. 0.077 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

Tgt Ion: 88 Resp: 116179
 Ion Ratio Lower Upper
 88 100
 58 87.7 70.2 105.2
 43 34.2 27.1 40.7





#3

Pyridine

Concen: 35.373 ng

RT: 3.652 min Scan# 24

Delta R.T. 0.065 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

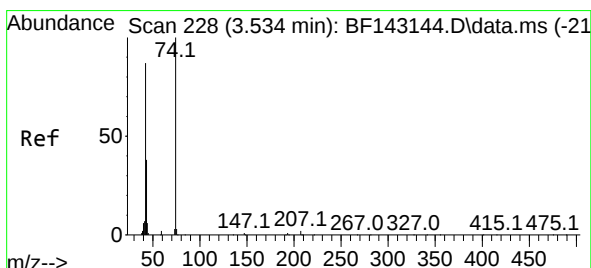
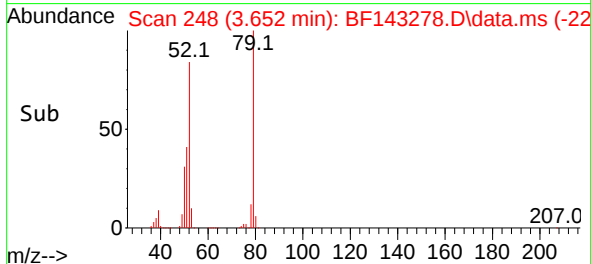
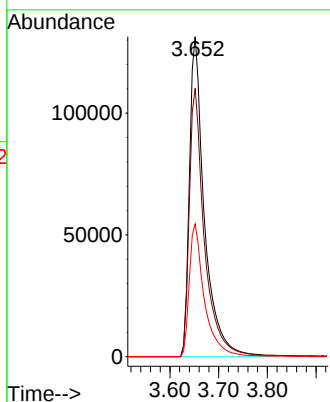
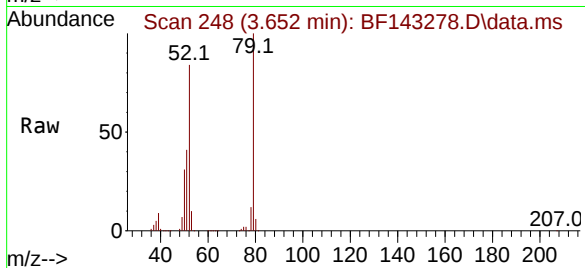
Tgt Ion: 79 Resp: 282017

Ion Ratio Lower Upper

79 100

52 83.8 69.4 104.2

51 41.5 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 40.758 ng

RT: 3.593 min Scan# 238

Delta R.T. 0.059 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

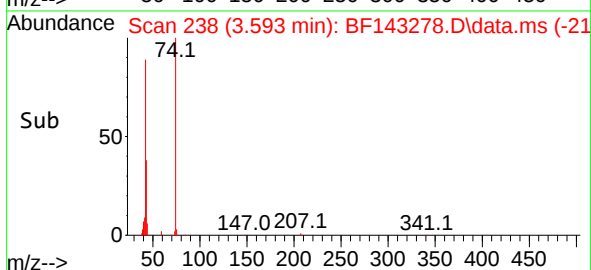
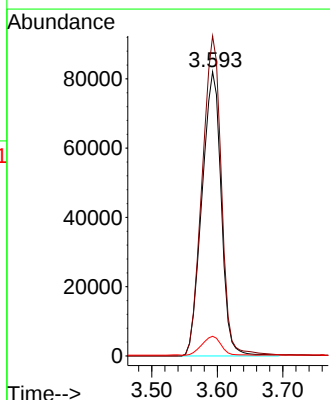
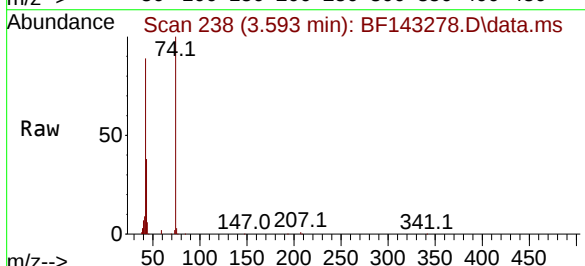
Tgt Ion: 42 Resp: 167772

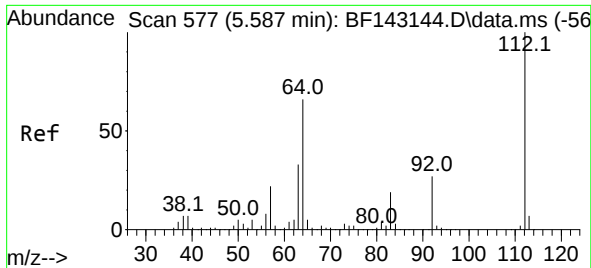
Ion Ratio Lower Upper

42 100

74 112.6 91.7 137.5

44 6.9 5.6 8.4

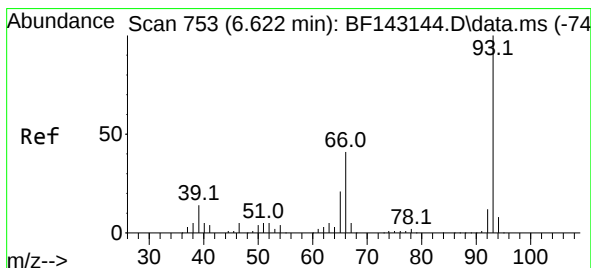
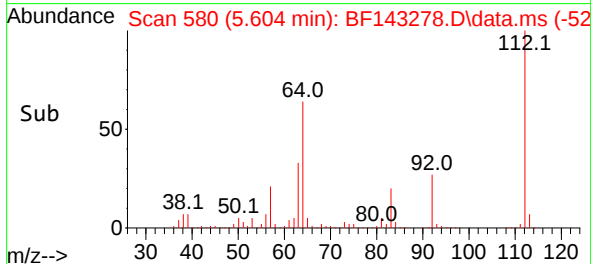
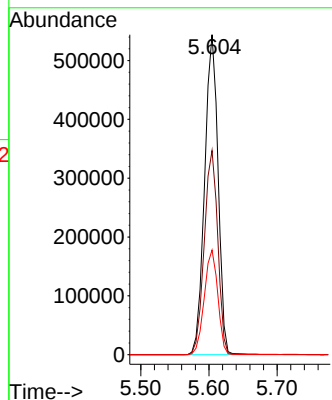
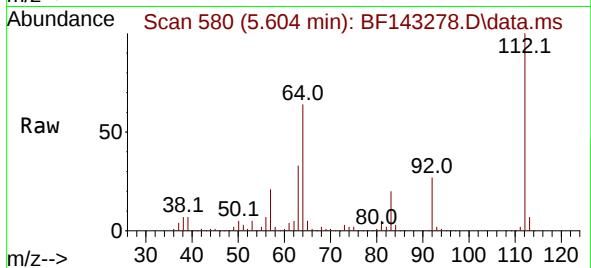




#5
2-Fluorophenol
Concen: 114.914 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

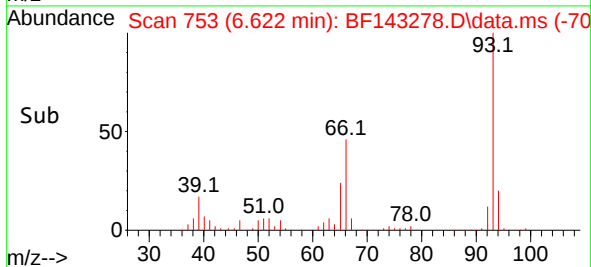
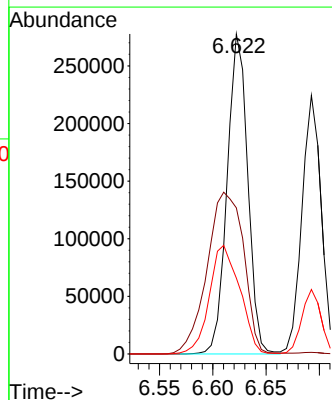
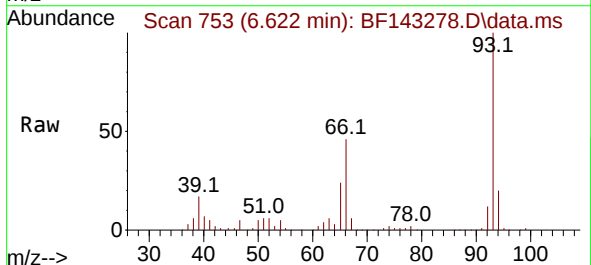
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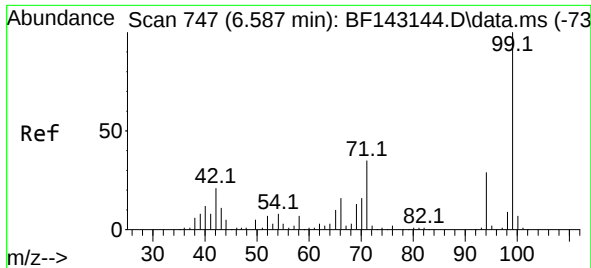
Tgt Ion:112 Resp: 745968
Ion Ratio Lower Upper
112 100
64 63.8 53.1 79.7
63 32.7 26.6 40.0



#6
Aniline
Concen: 32.758 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion: 93 Resp: 373032
Ion Ratio Lower Upper
93 100
66 45.7 33.2 49.8
65 23.7 16.9 25.3

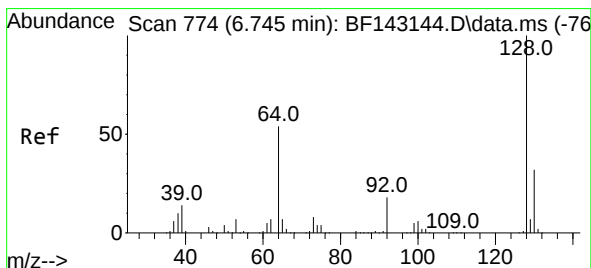
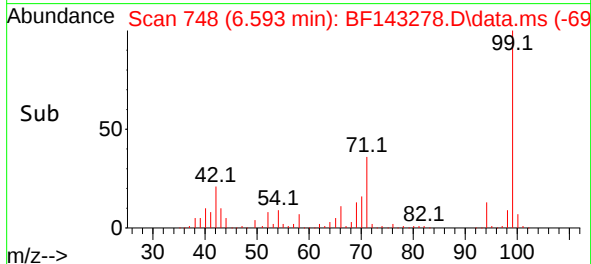
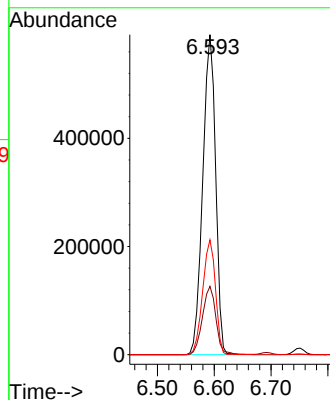
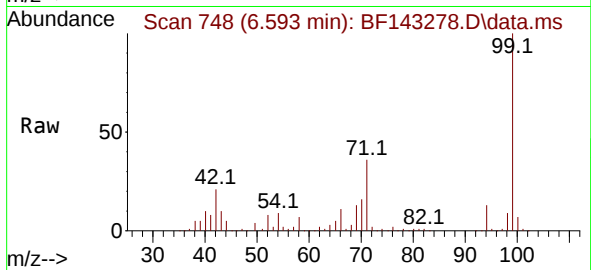




#7
Phenol-d6
Concen: 113.786 ng
RT: 6.593 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

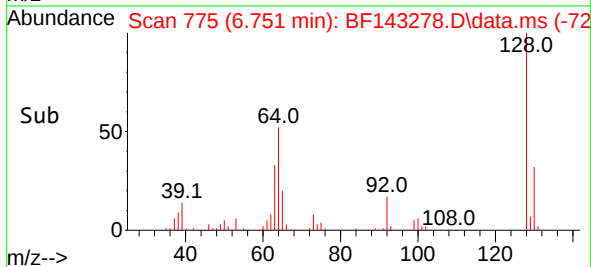
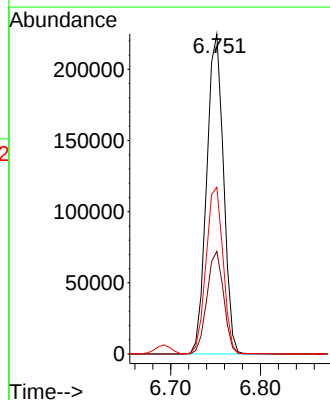
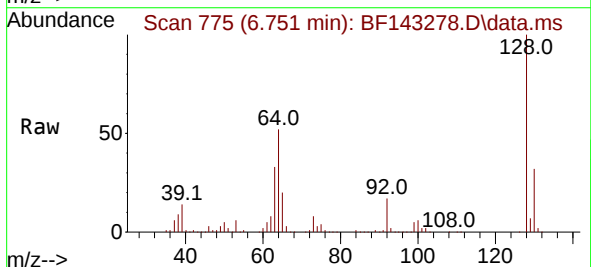
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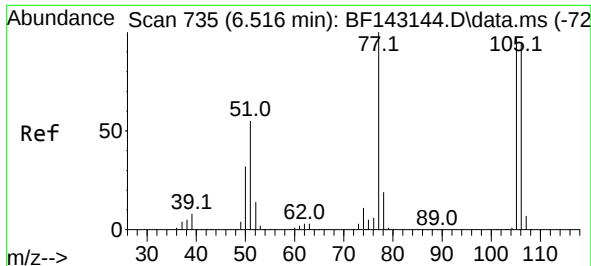
Tgt Ion: 99 Resp: 929722
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 35.9 27.7 41.5



#8
2-Chlorophenol
Concen: 42.965 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion: 128 Resp: 292350
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 52.1 35.9 75.9

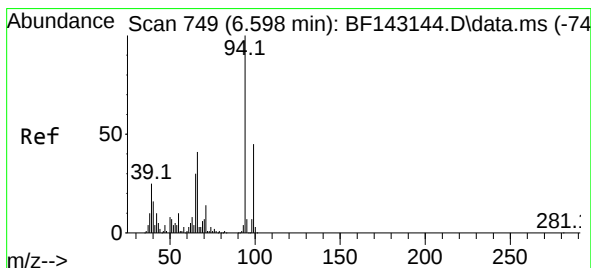
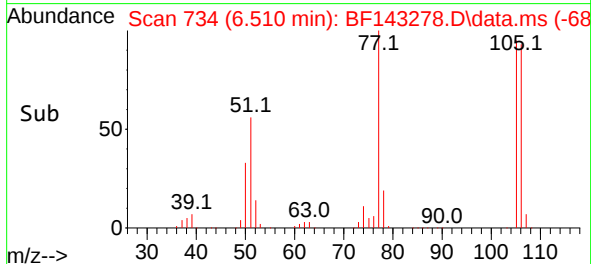
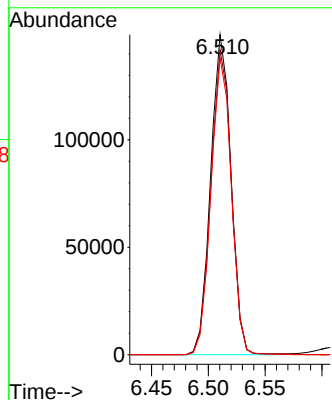
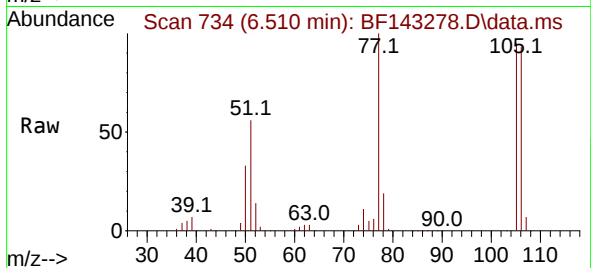




#9
Benzaldehyde
Concen: 30.161 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

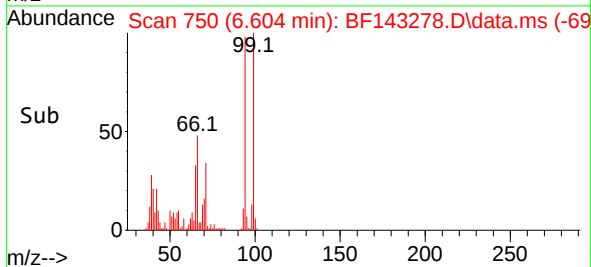
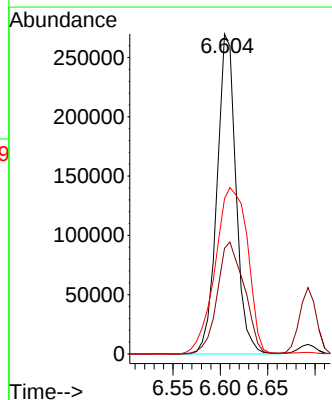
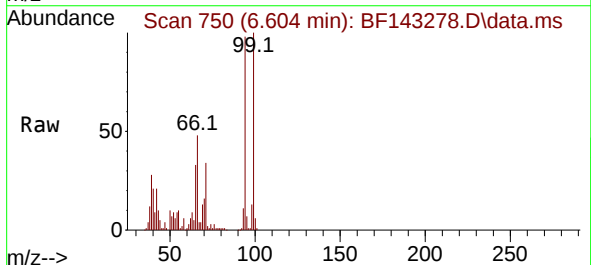
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ClientSampleId :
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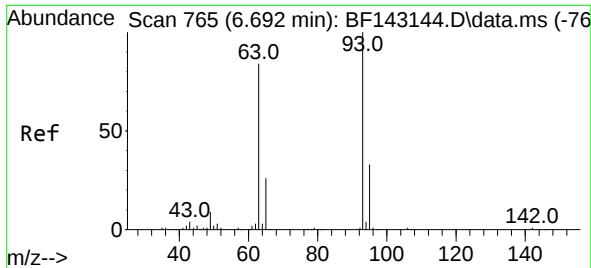
Tgt Ion: 77 Resp: 184796
Ion Ratio Lower Upper
77 100
105 95.2 76.8 116.8
106 92.7 74.4 114.4



#10
Phenol
Concen: 42.336 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion: 94 Resp: 376841
Ion Ratio Lower Upper
94 100
65 33.0 10.0 50.0
66 48.6 20.8 60.8

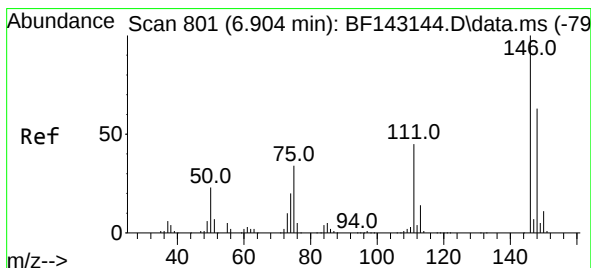
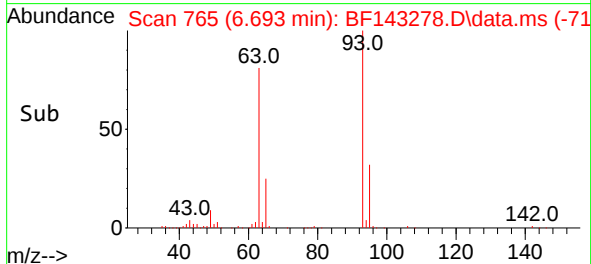
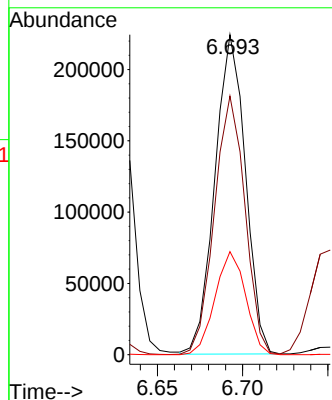
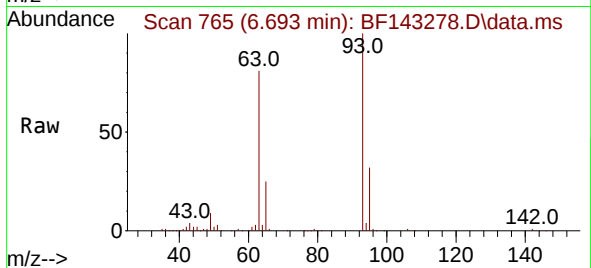




#11
bis(2-Chloroethyl)ether
Concen: 40.954 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

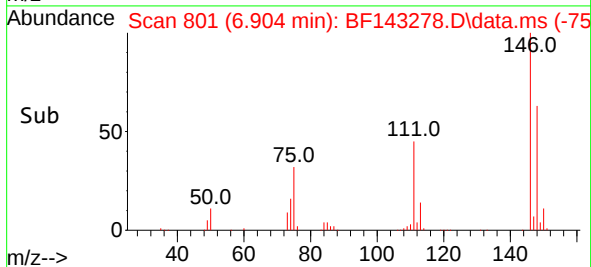
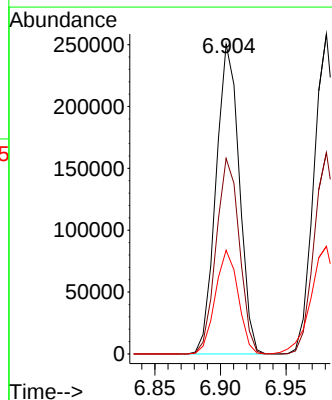
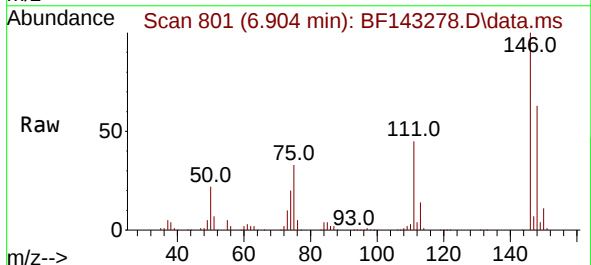
Instrument :
BNA_F
ClientSampleId :
PB169077BS

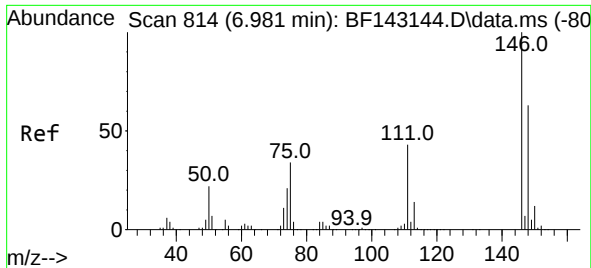
Tgt Ion: 93 Resp: 279114
Ion Ratio Lower Upper
93 100
63 80.8 63.4 103.4
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.755 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion: 146 Resp: 308643
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 33.5 27.4 41.2

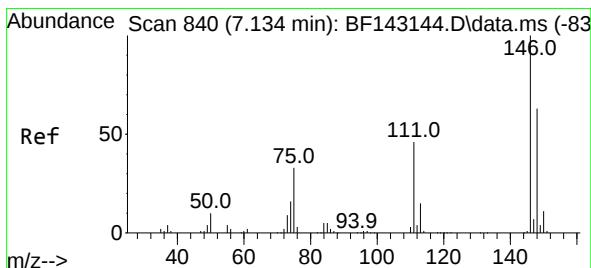
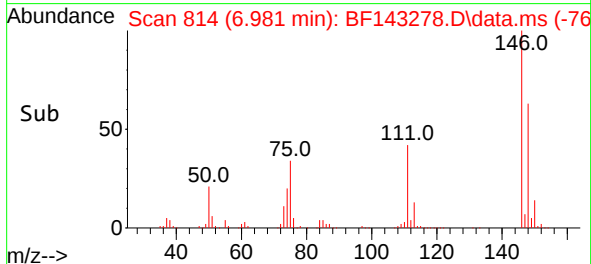
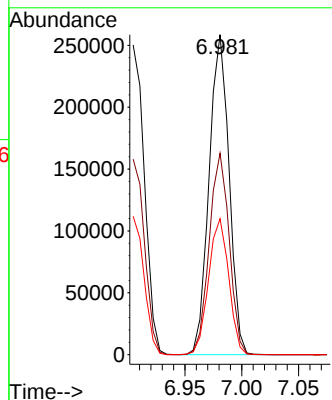
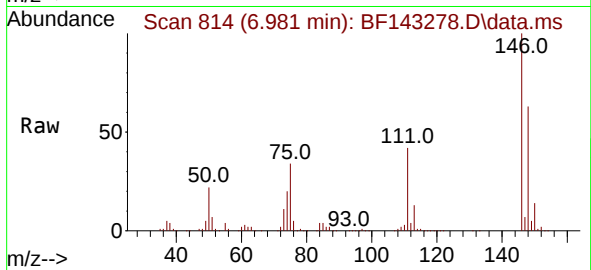




#13
1,4-Dichlorobenzene
Concen: 42.451 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

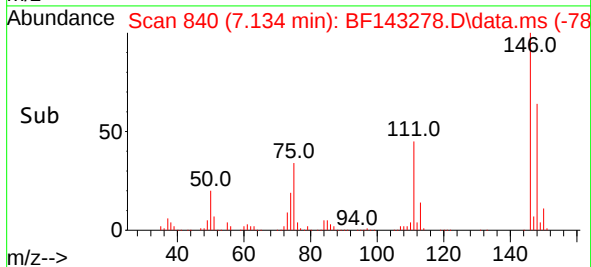
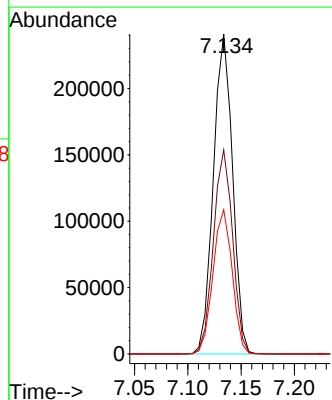
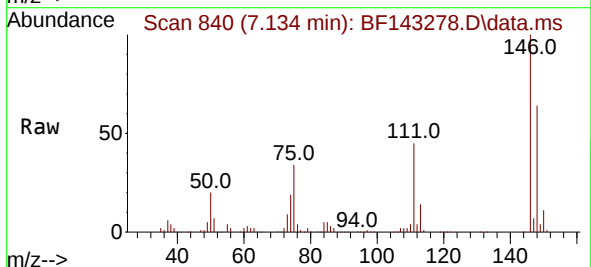
Instrument :
BNA_F
ClientSampleId :
PB169077BS

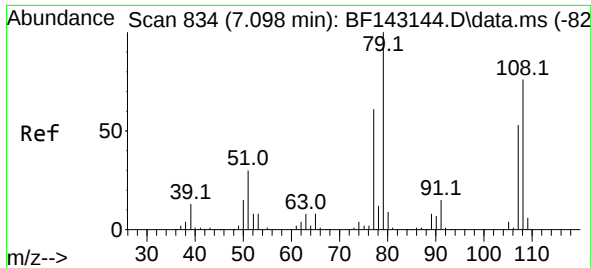
Tgt Ion:146 Resp: 316003
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 42.5 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 42.544 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:146 Resp: 301217
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
111 45.1 36.6 54.8

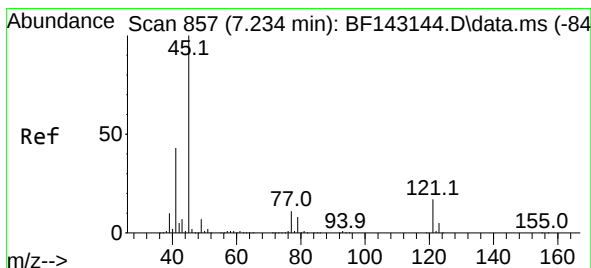
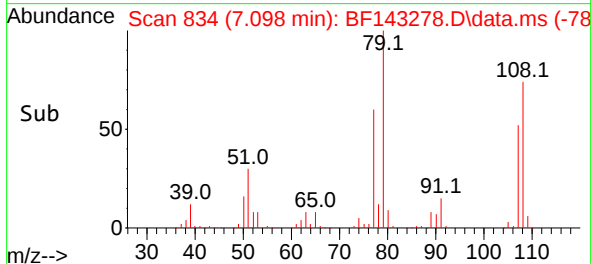
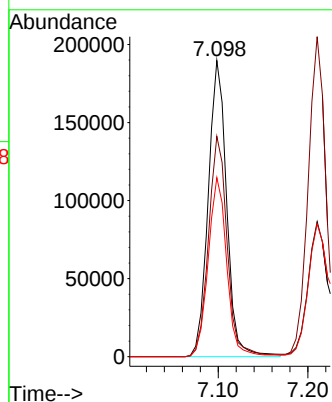
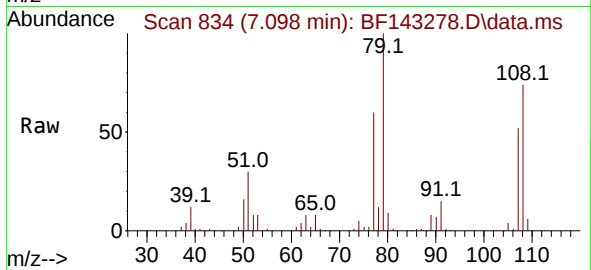




#15
Benzyl Alcohol
Concen: 43.379 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

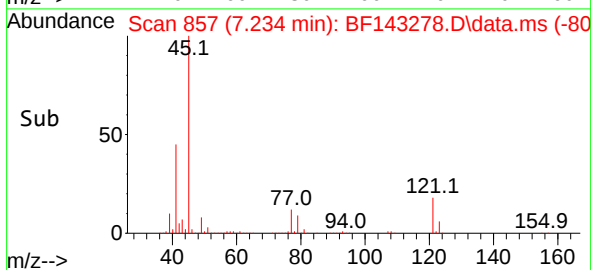
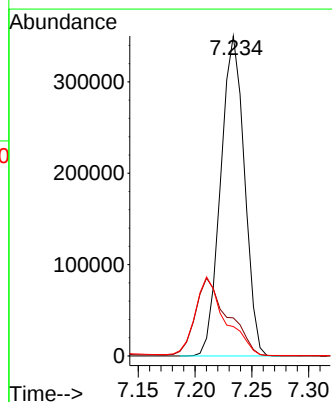
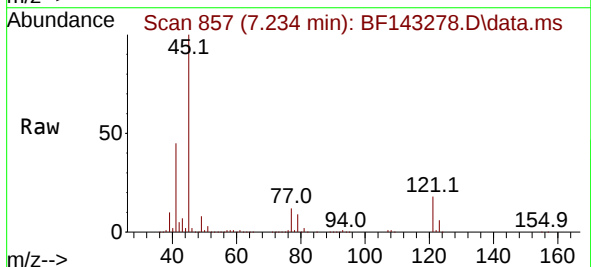
Instrument :
BNA_F
ClientSampleId :
PB169077BS

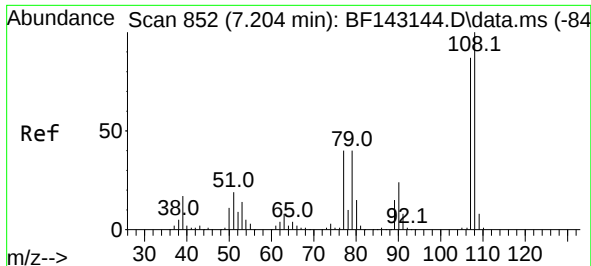
Tgt Ion: 79 Resp: 270636
Ion Ratio Lower Upper
79 100
108 74.4 61.1 91.7
77 60.4 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.302 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

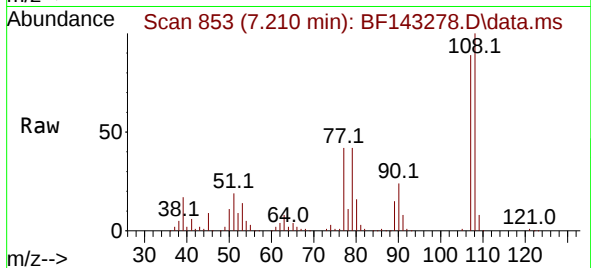
Tgt Ion: 45 Resp: 509535
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 9.2 0.0 28.5



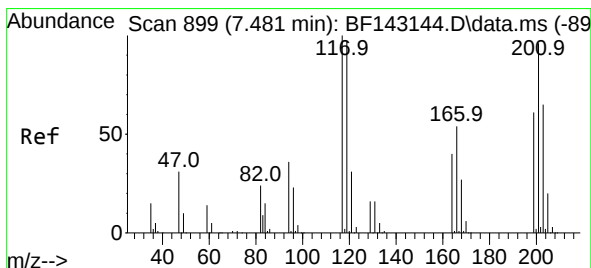
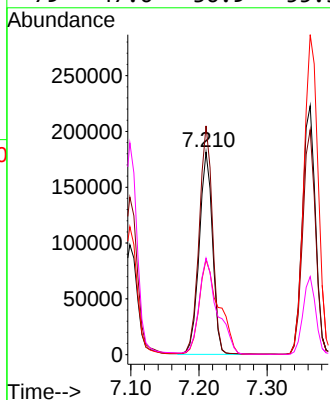
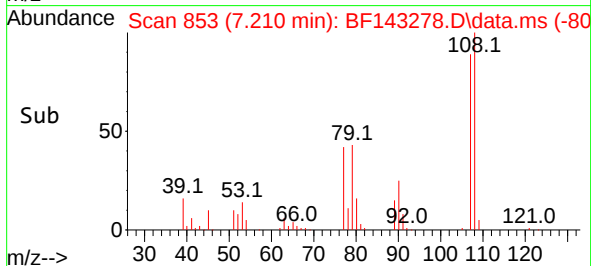


#17
2-Methylphenol
Concen: 43.036 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

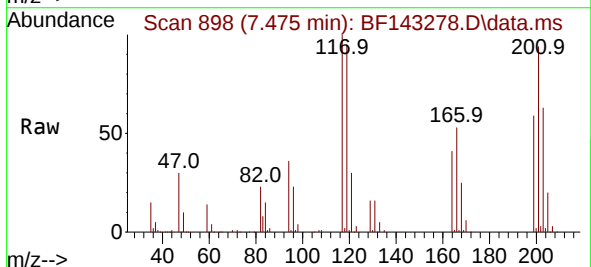
Instrument :
BNA_F
ClientSampleId :
PB169077BS



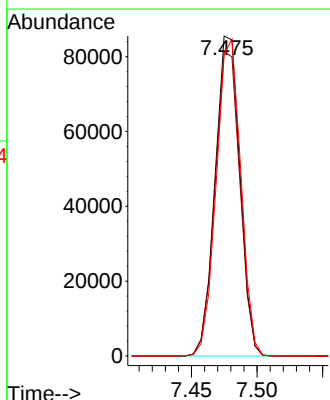
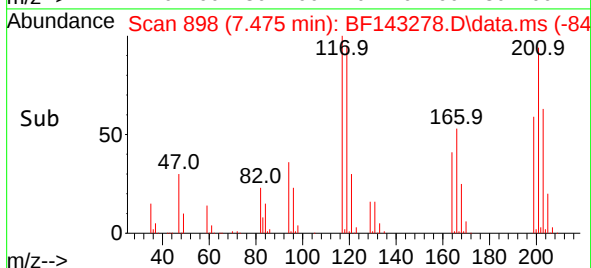
Tgt Ion:	107	Resp:	246221
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.8	137.6
77	46.9	37.0	55.6
79	47.6	36.9	55.3

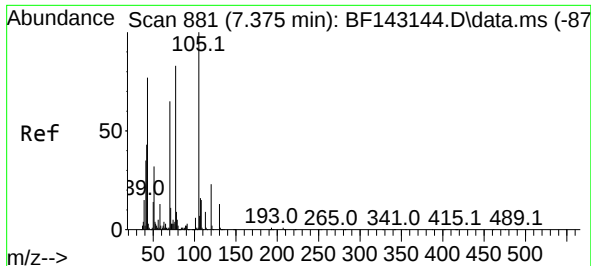


#18
Hexachloroethane
Concen: 43.782 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03



Tgt Ion:	117	Resp:	112825
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.8
201	94.1	77.0	115.4

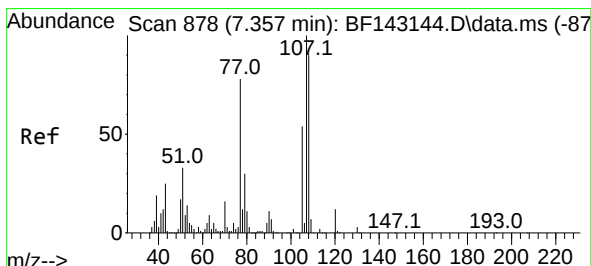
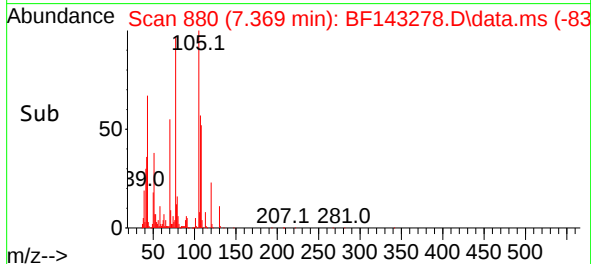
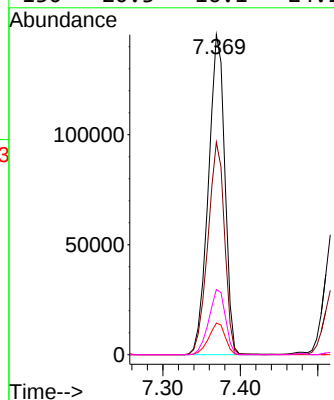
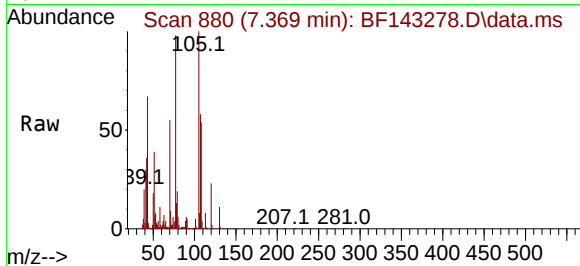




#19
n-Nitroso-di-n-propylamine
Concen: 40.970 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

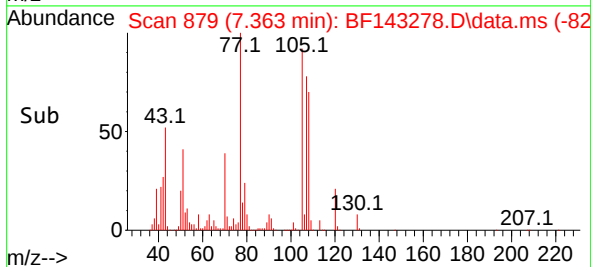
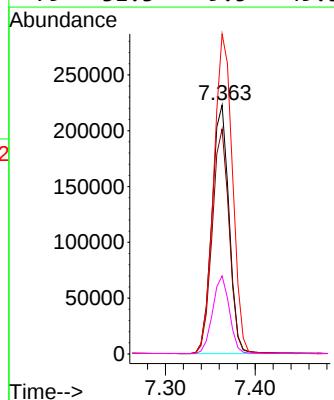
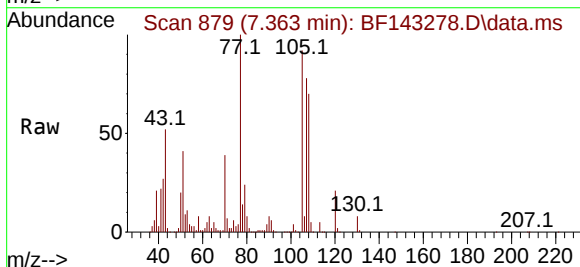
Instrument :
BNA_F
ClientSampleId :
PB169077BS

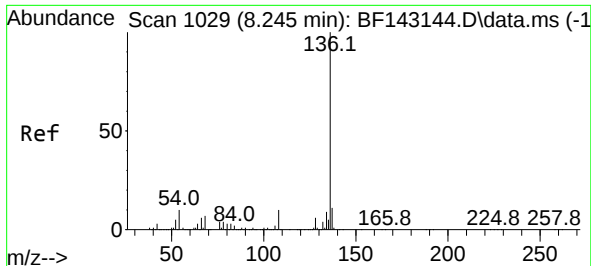
Tgt Ion:	70	Resp:	214772
Ion	Ratio	Lower	Upper
70	100		
42	66.4	52.5	78.7
101	9.9	7.6	11.4
130	20.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 42.620 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:	107	Resp:	295847
Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	128.6	57.8	97.8#
79	31.3	9.5	49.5

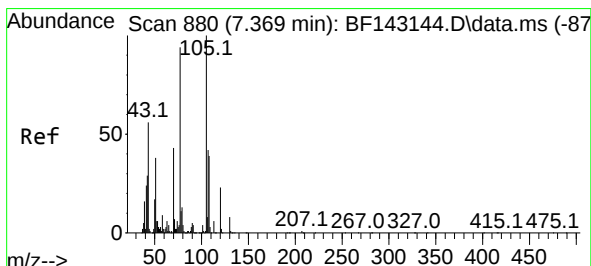
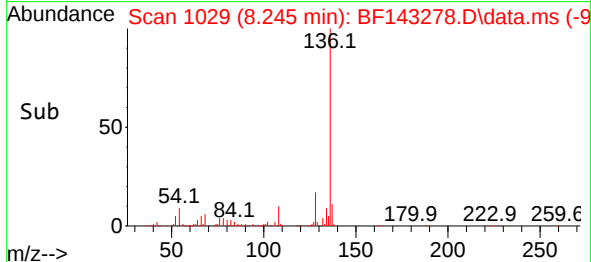
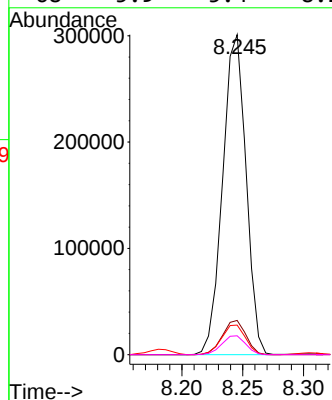
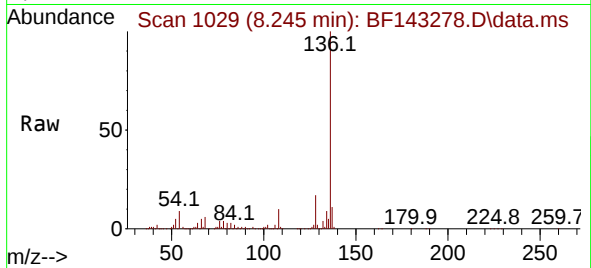




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

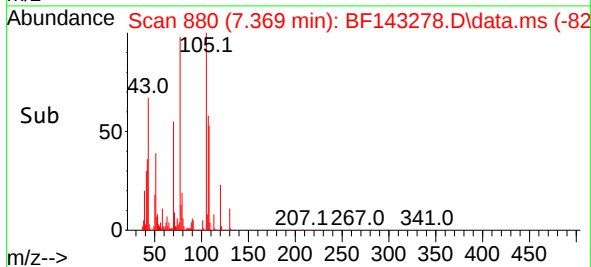
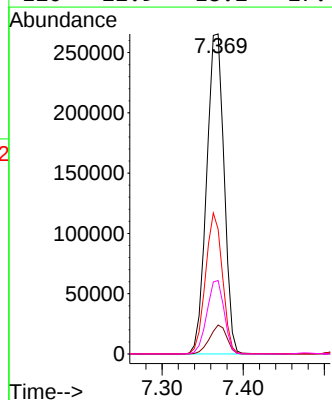
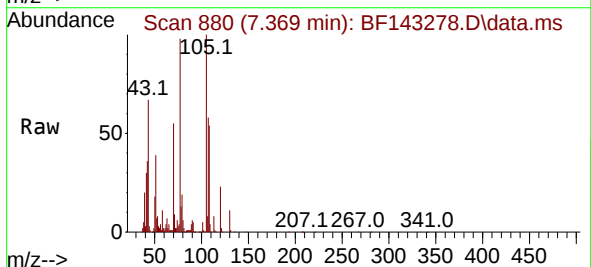
Instrument :
BNA_F
ClientSampleId :
PB169077BS

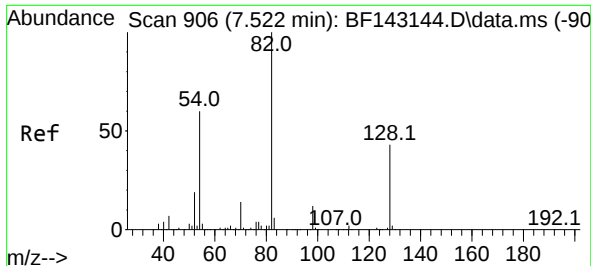
Tgt	Ion:136	Resp:	402894
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.3	8.2	12.2
68	5.9	5.4	8.2



#22
Acetophenone
Concen: 41.467 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt	Ion:105	Resp:	395536
Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.8	8.6#
51	39.0	30.2	45.2
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 79.046 ng

RT: 7.522 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

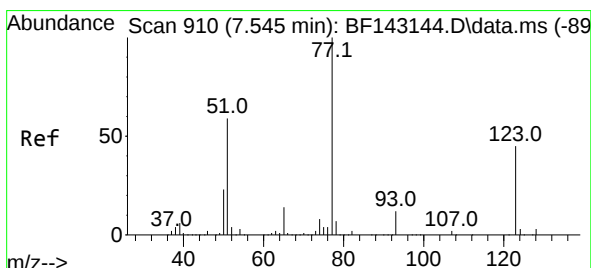
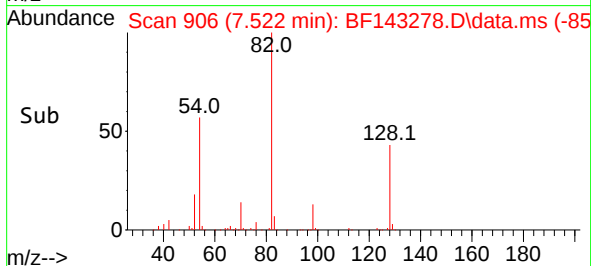
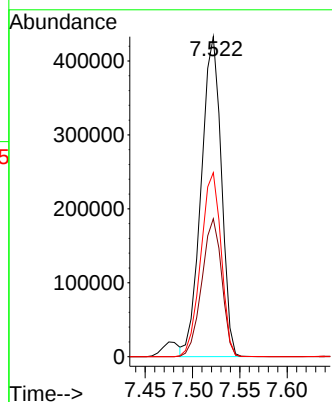
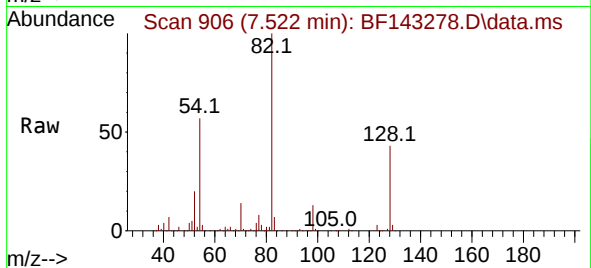
Tgt Ion: 82 Resp: 638897

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 57.5 47.1 70.7



#24

Nitrobenzene

Concen: 42.821 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

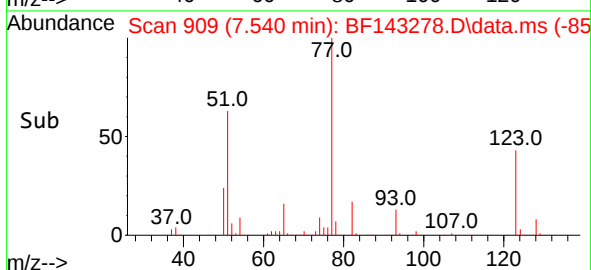
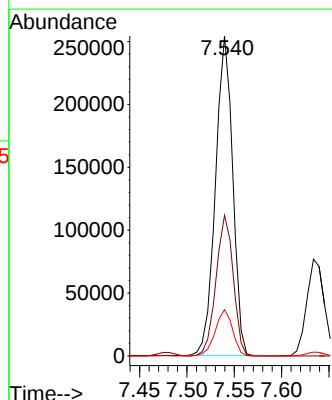
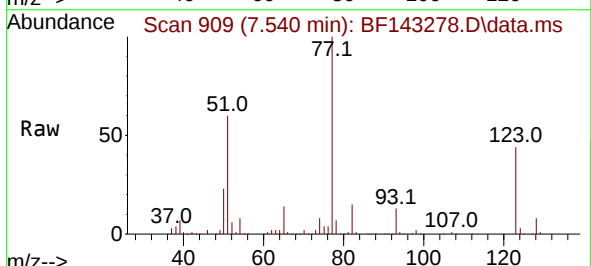
Tgt Ion: 77 Resp: 322680

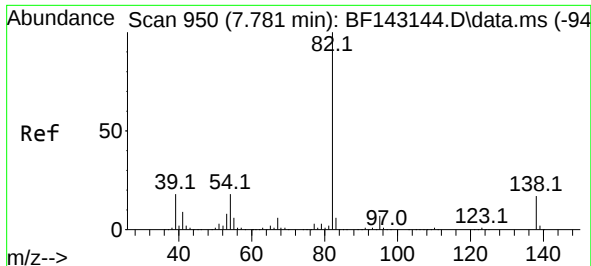
Ion Ratio Lower Upper

77 100

123 44.0 36.1 54.1

65 14.5 11.4 17.2

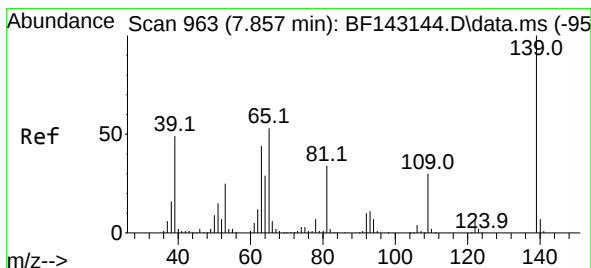
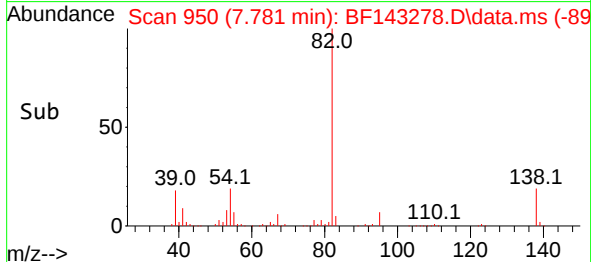
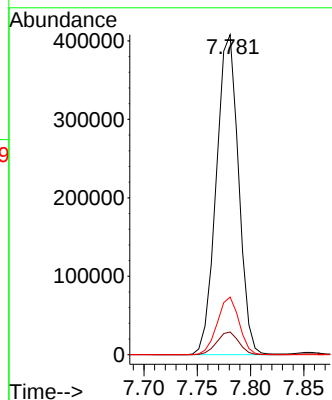
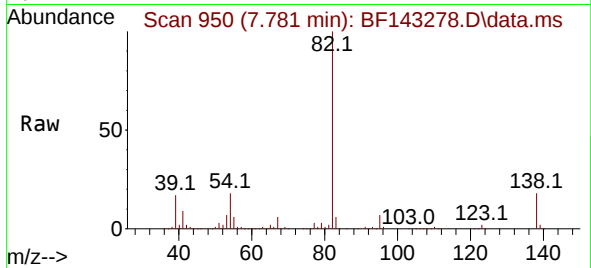




#25
Isophorone
Concen: 41.486 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

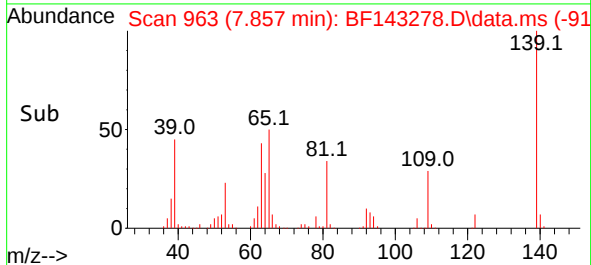
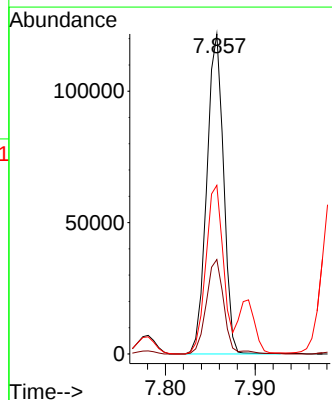
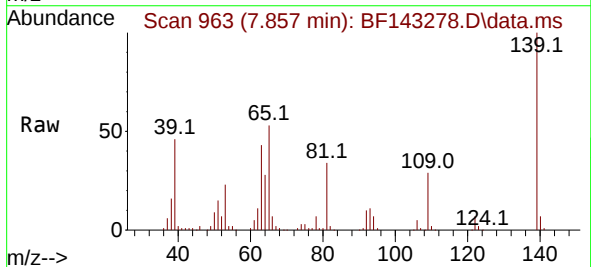
Instrument :
BNA_F
ClientSampleId :
PB169077BS

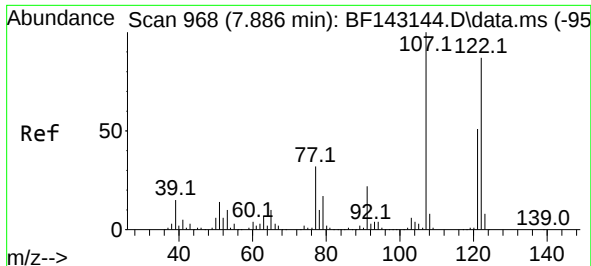
Tgt Ion: 82 Resp: 591945
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 48.341 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:139 Resp: 158096
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 52.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.905 ng

RT: 7.893 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

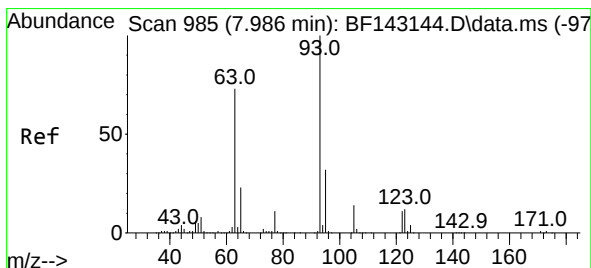
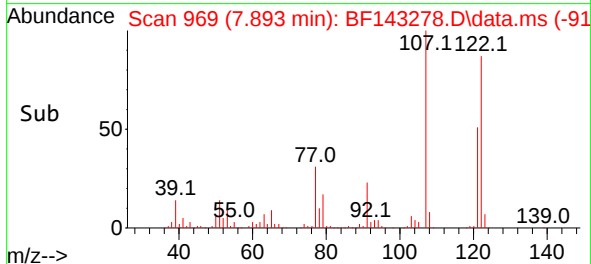
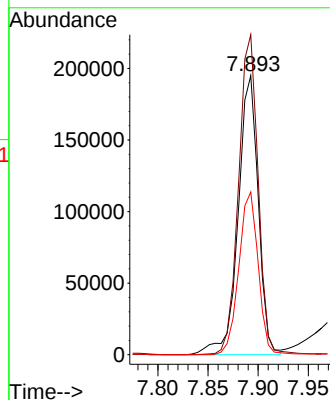
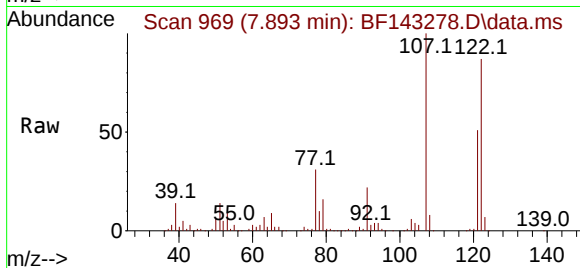
Tgt Ion:122 Resp: 272687

Ion Ratio Lower Upper

122 100

107 114.7 91.8 137.6

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.317 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

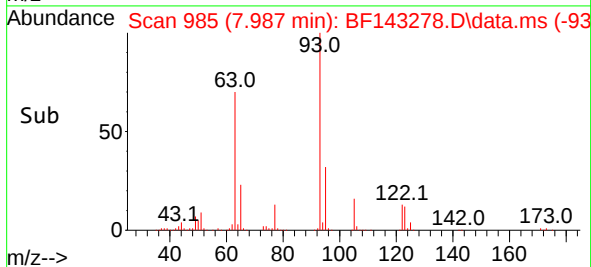
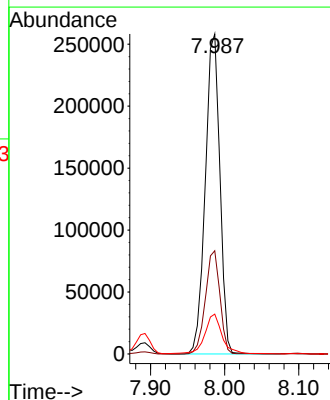
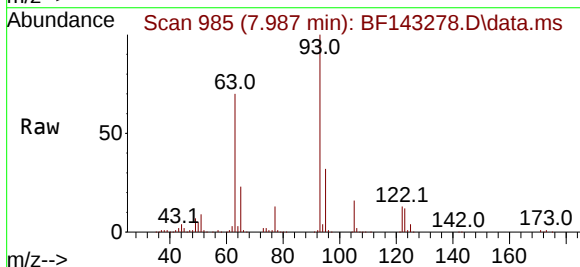
Tgt Ion: 93 Resp: 353461

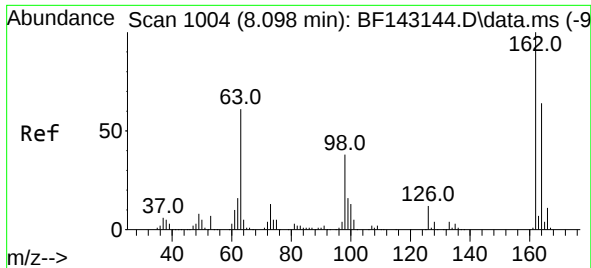
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.500 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

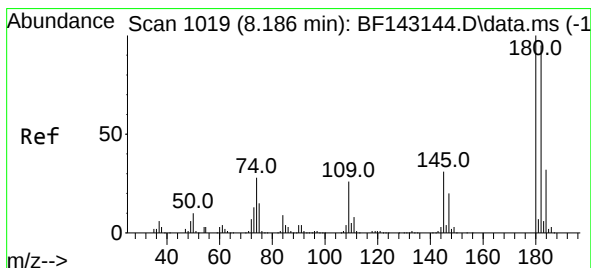
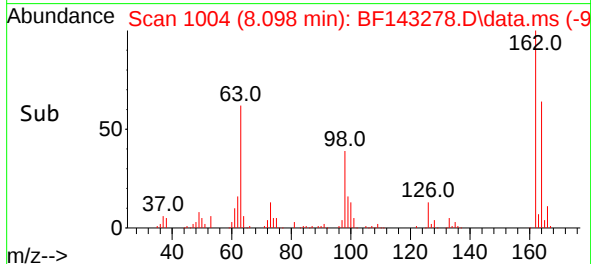
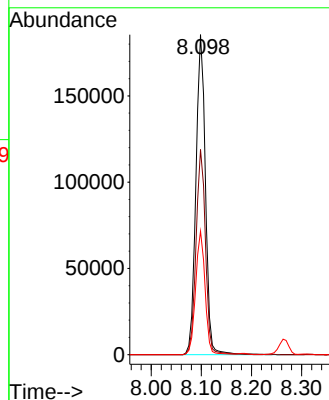
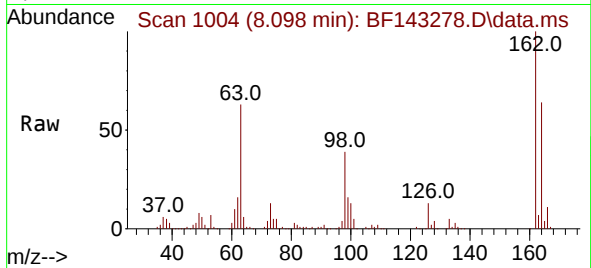
Tgt Ion:162 Resp: 244553

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

98 38.6 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.141 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

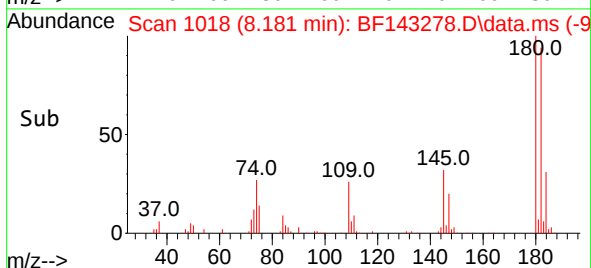
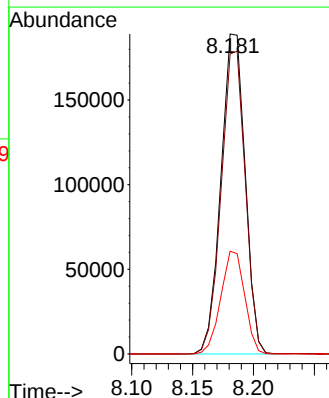
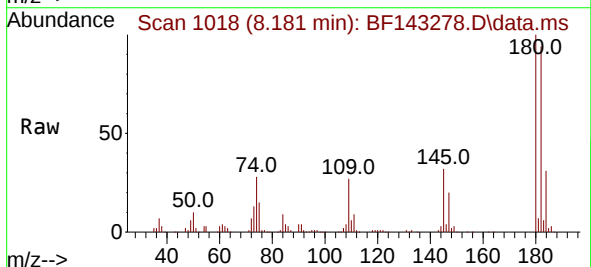
Tgt Ion:180 Resp: 262022

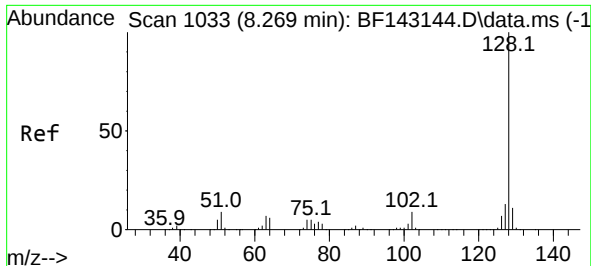
Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.2

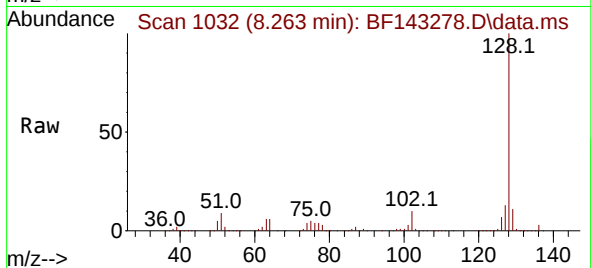
145 32.1 25.0 37.6



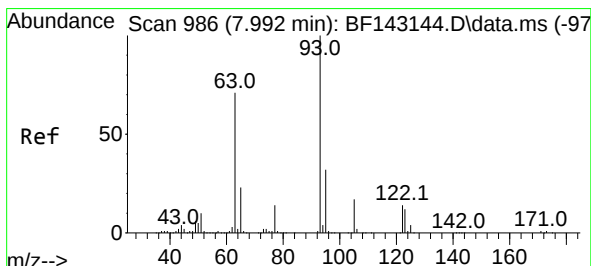
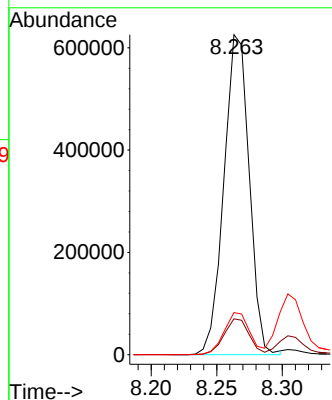
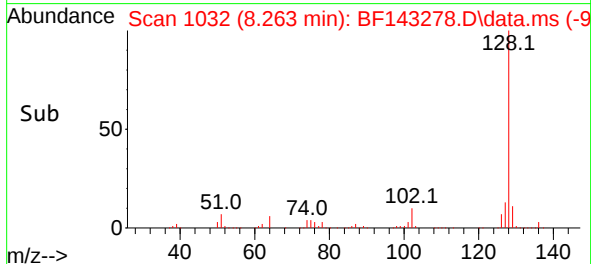


#31
Naphthalene
Concen: 42.300 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB169077BS

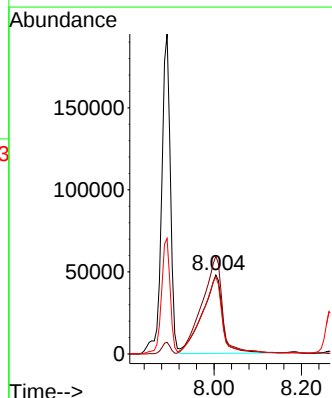
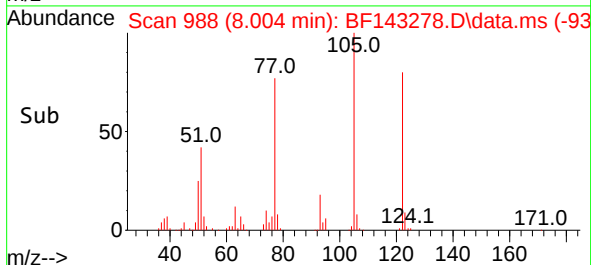
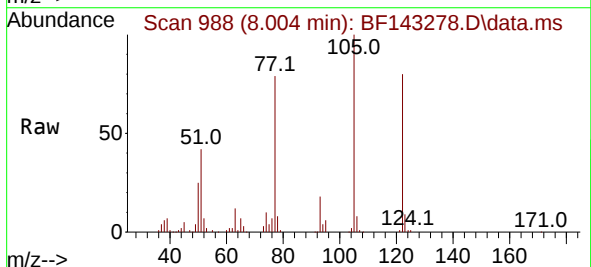


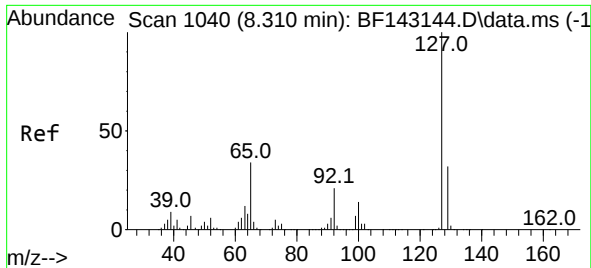
Tgt Ion:128 Resp: 839310
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 41.687 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:122 Resp: 153676
Ion Ratio Lower Upper
122 100
105 124.2 104.8 144.8
77 97.6 77.6 117.6

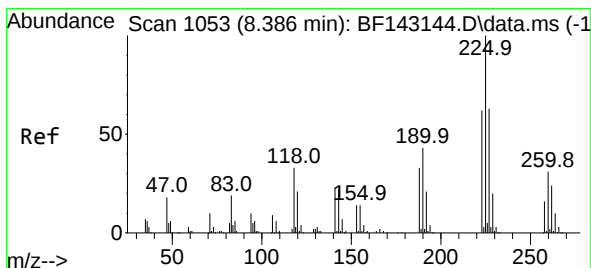
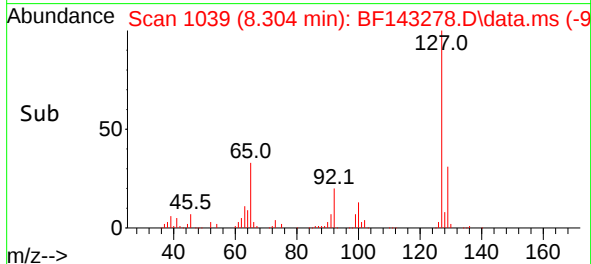
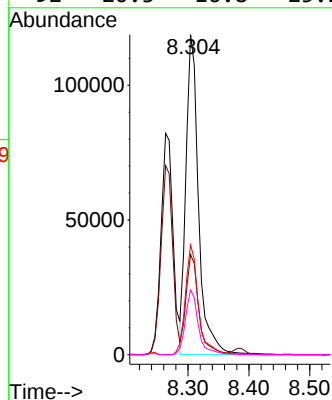
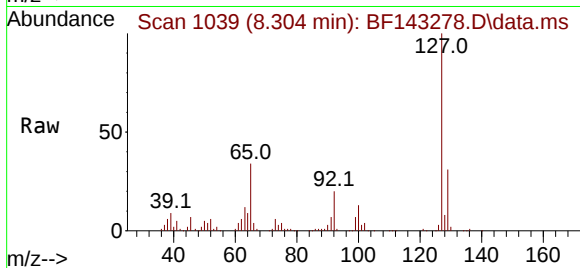




#33
4-Chloroaniline
Concen: 21.230 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

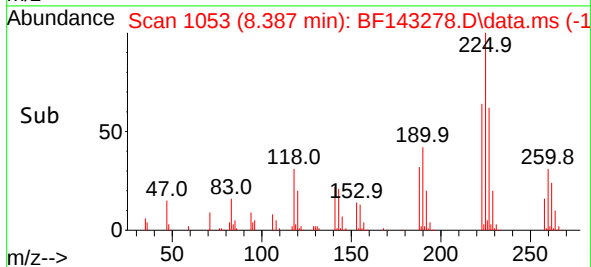
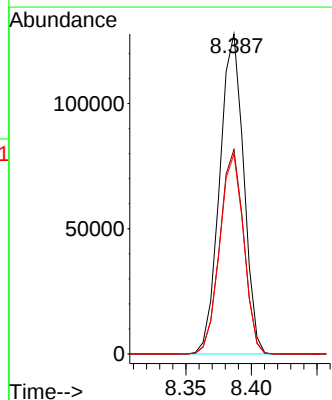
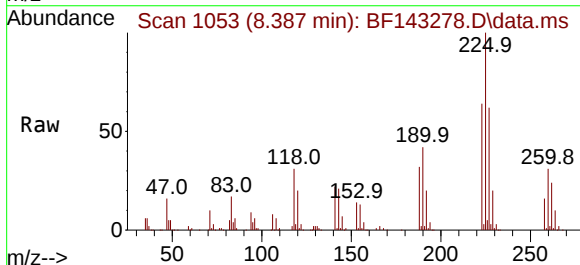
Instrument :
BNA_F
ClientSampleId :
PB169077BS

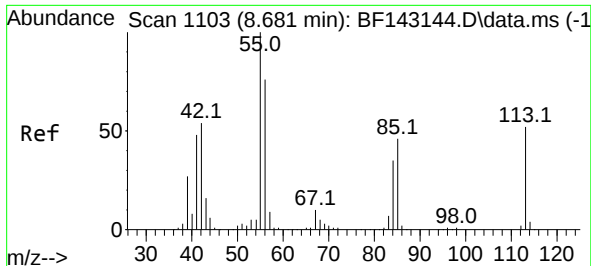
Tgt Ion:	127	Resp:	172008
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0
65	34.3	27.4	41.2
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.702 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:	225	Resp:	162144
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	62.5	50.2	75.4

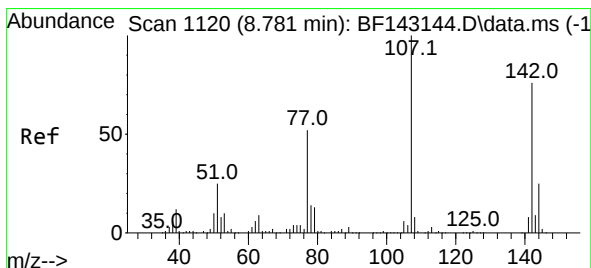
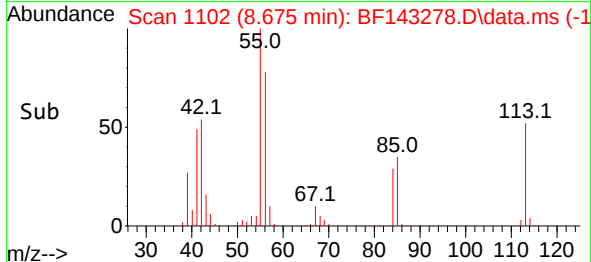
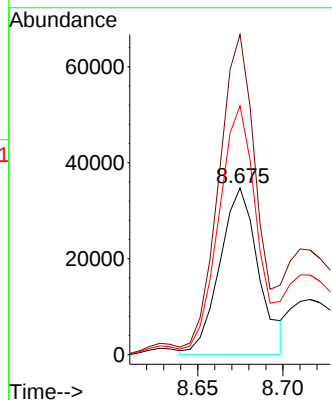
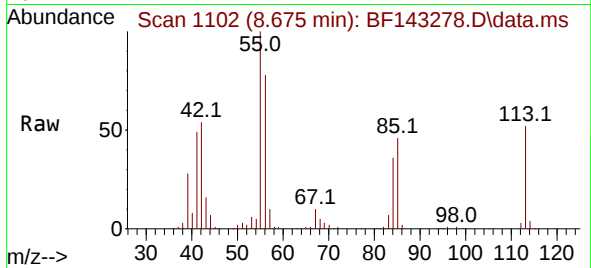




#35
Caprolactam
Concen: 32.414 ng
RT: 8.675 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

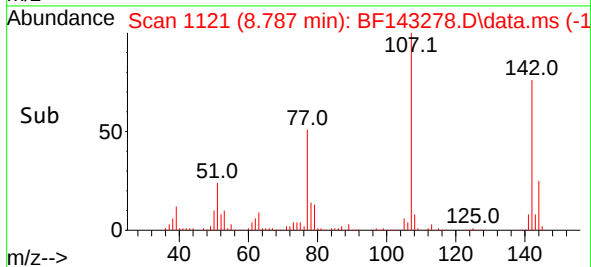
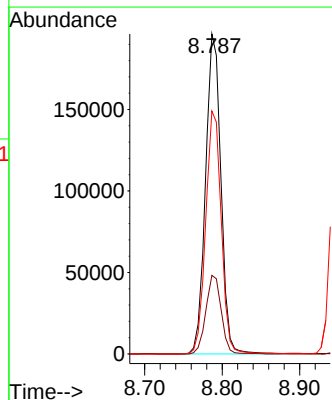
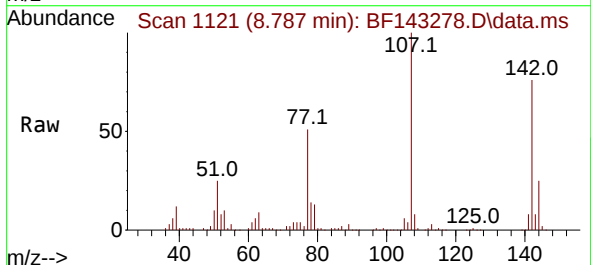
Instrument :
BNA_F
ClientSampleId :
PB169077BS

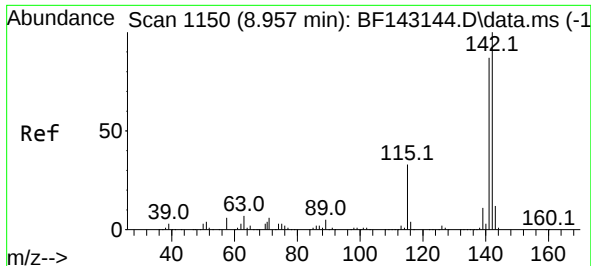
Tgt Ion:113 Resp: 55067
Ion Ratio Lower Upper
113 100
55 192.2 174.0 214.0
56 149.4 126.6 166.6



#36
4-Chloro-3-methylphenol
Concen: 44.263 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:107 Resp: 270471
Ion Ratio Lower Upper
107 100
144 24.5 19.8 29.6
142 75.9 60.6 90.8

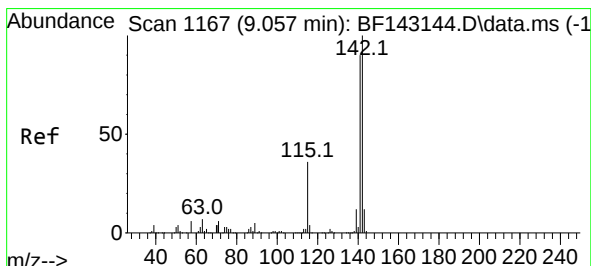
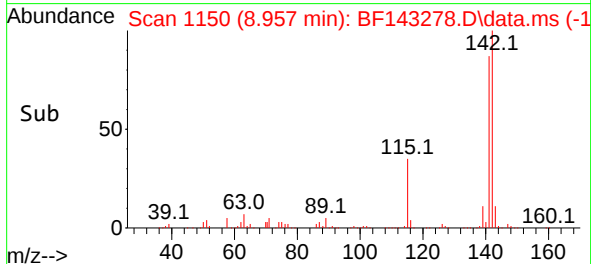
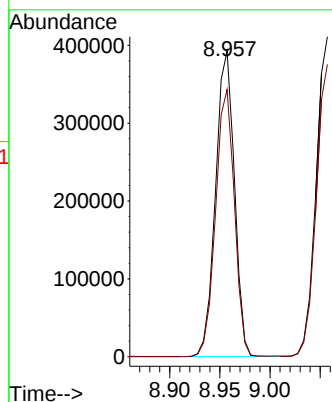
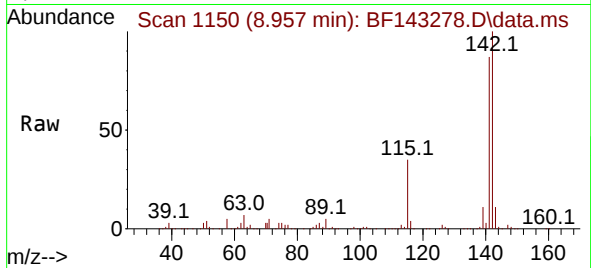




#37
2-Methylnaphthalene
Concen: 42.476 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

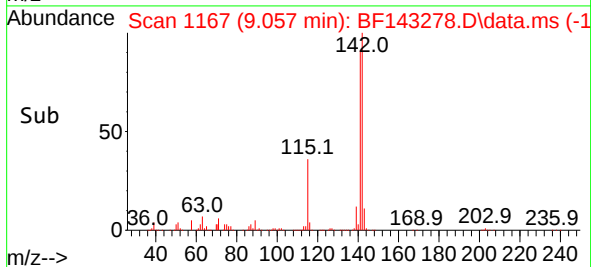
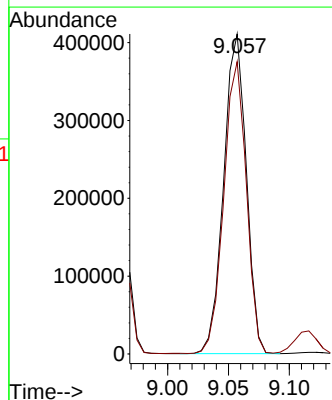
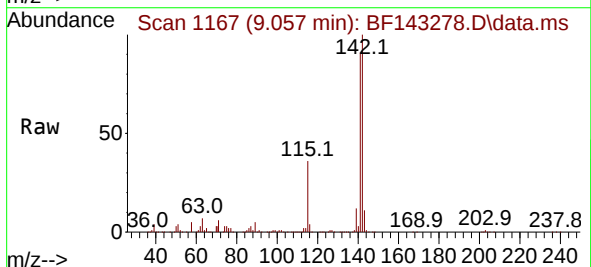
Instrument :
BNA_F
ClientSampleId :
PB169077BS

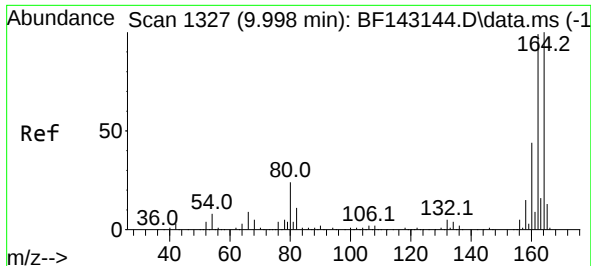
Tgt Ion:142 Resp: 512864
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 42.659 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

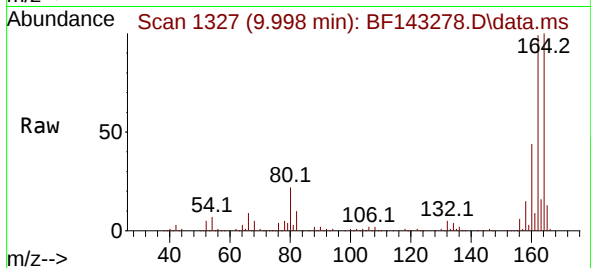
Tgt Ion:142 Resp: 530392
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5



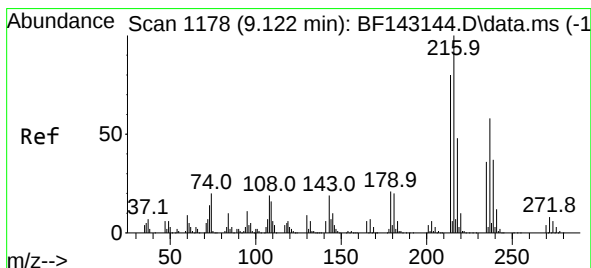
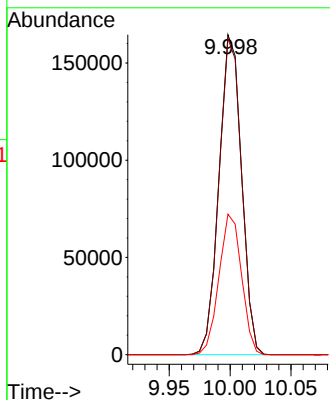
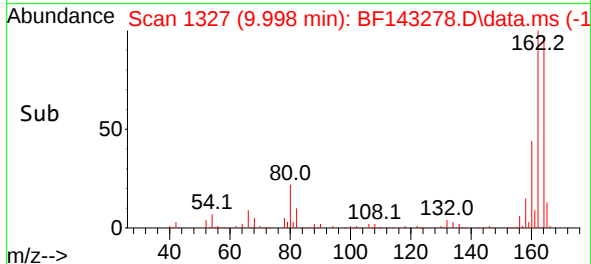


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

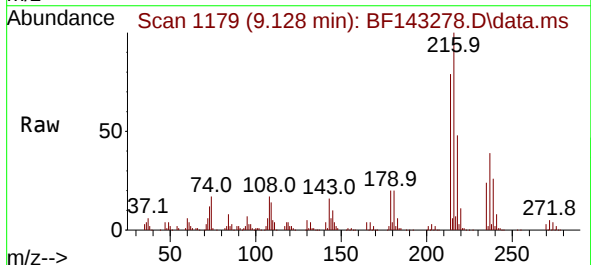
Instrument :
BNA_F
ClientSampleId :
PB169077BS



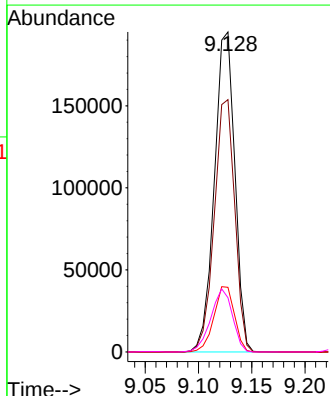
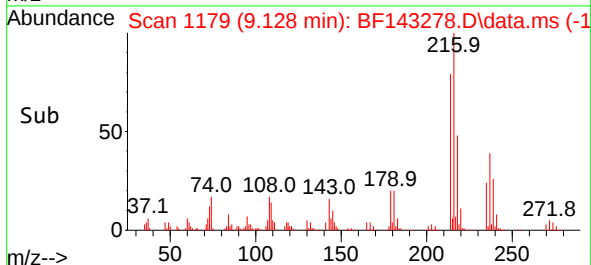
Tgt Ion:164 Resp: 212350
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 43.9 35.1 52.7

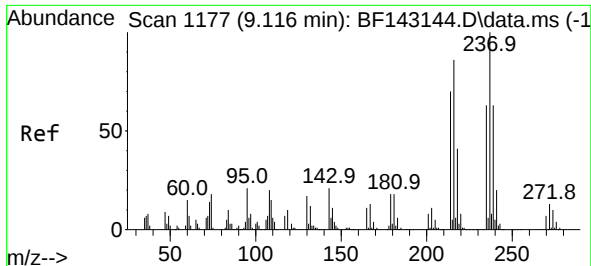


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.452 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03



Tgt Ion:216 Resp: 260264
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.8
179 20.6 16.4 24.6
108 20.9 15.6 23.4

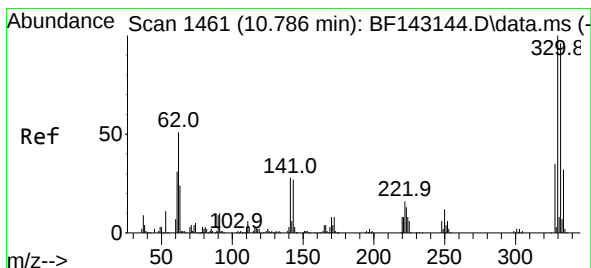
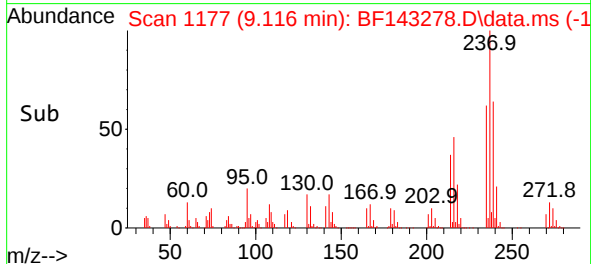
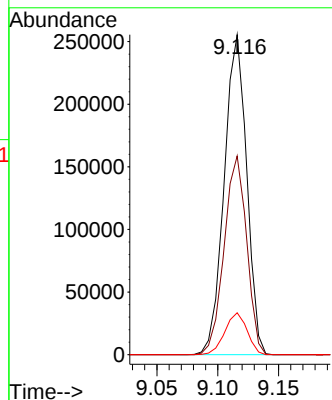
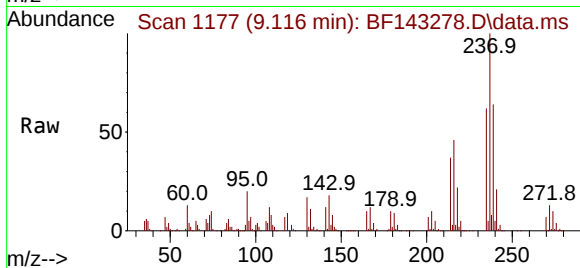




#41
Hexachlorocyclopentadiene
Concen: 82.366 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

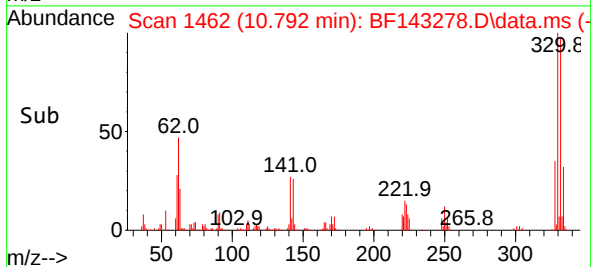
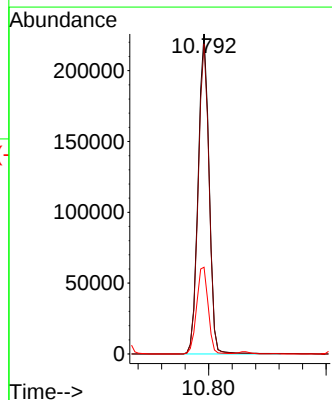
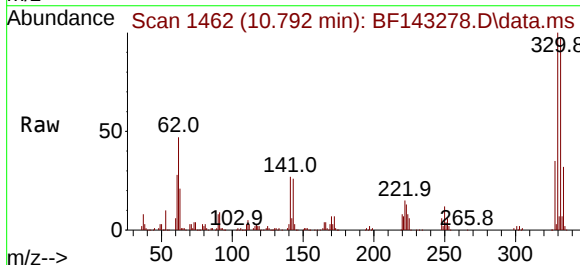
Instrument :
BNA_F
ClientSampleId :
PB169077BS

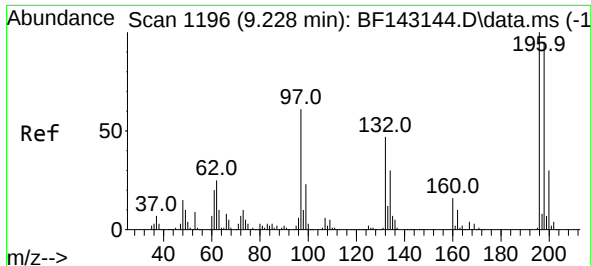
Tgt Ion:237 Resp: 328567
Ion Ratio Lower Upper
237 100
235 62.1 43.0 83.0
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 132.877 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:330 Resp: 291491
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 28.5 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 41.652 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

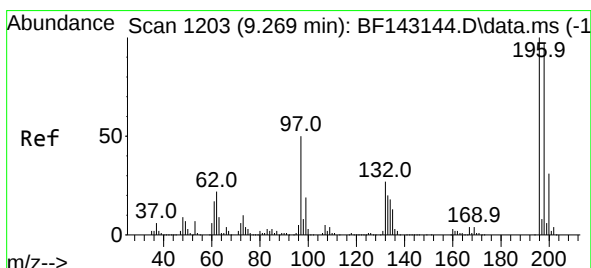
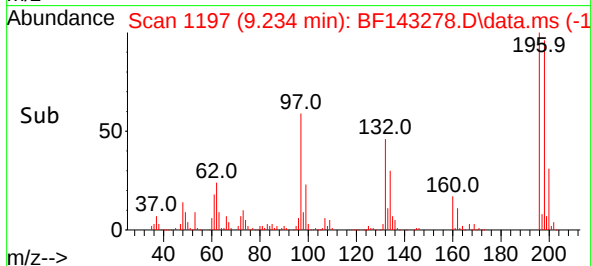
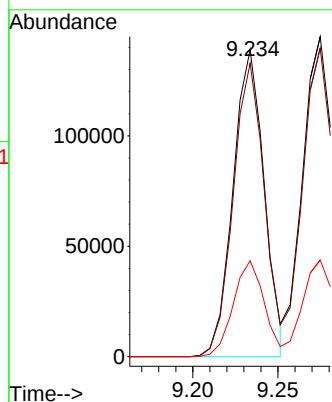
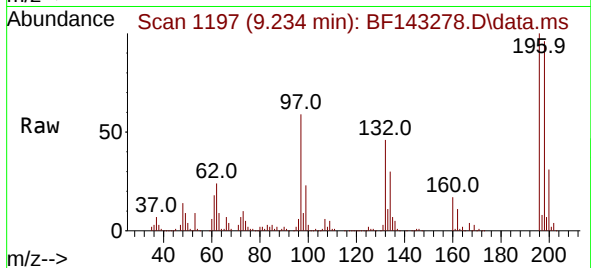
Tgt Ion:196 Resp: 176732

Ion Ratio Lower Upper

196 100

198 95.6 76.2 114.2

200 31.3 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 44.933 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Tgt Ion:196 Resp: 190710

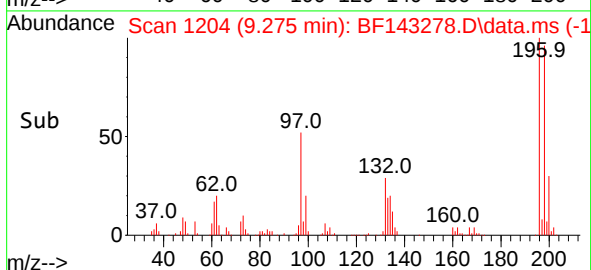
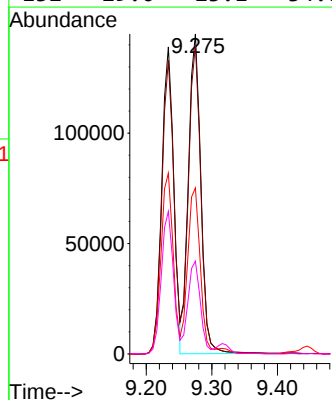
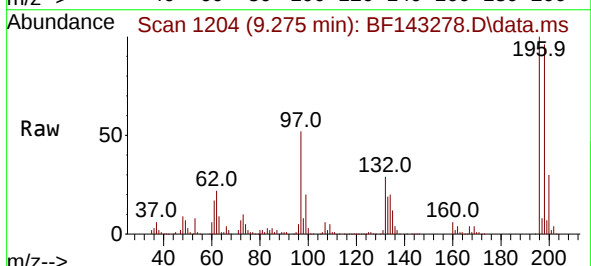
Ion Ratio Lower Upper

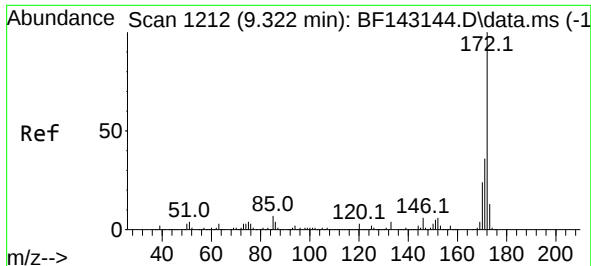
196 100

198 96.5 77.3 115.9

97 51.9 40.3 60.5

132 29.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.681 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

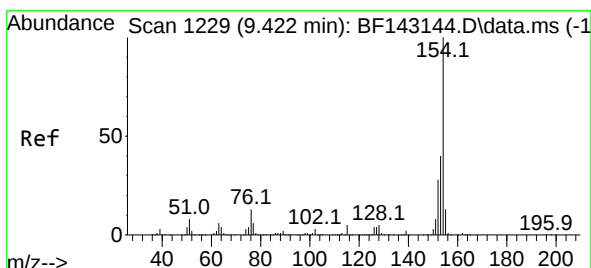
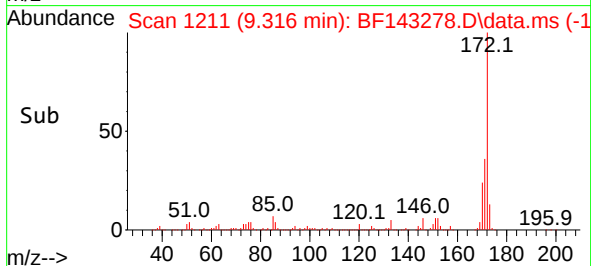
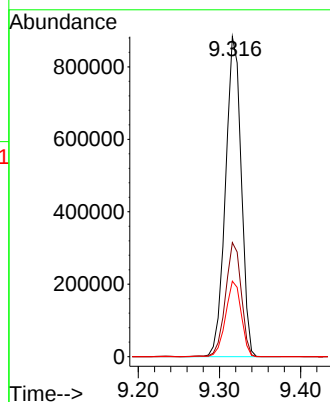
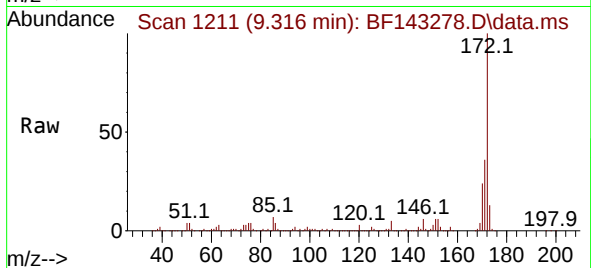
Tgt Ion:172 Resp: 1190626

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.964 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

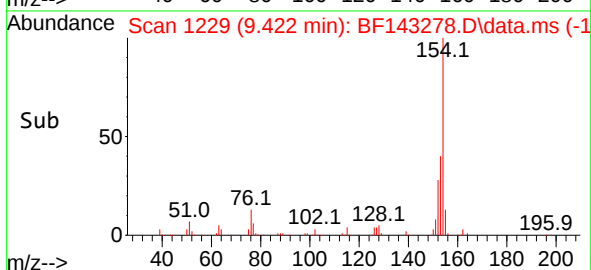
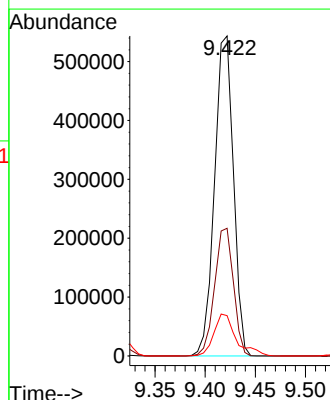
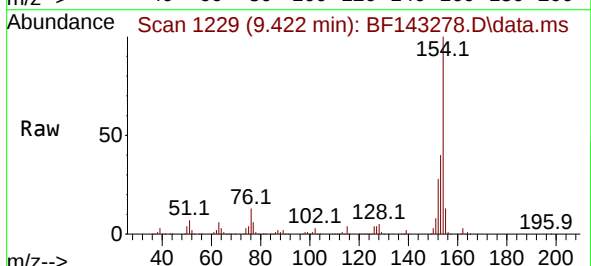
Tgt Ion:154 Resp: 711802

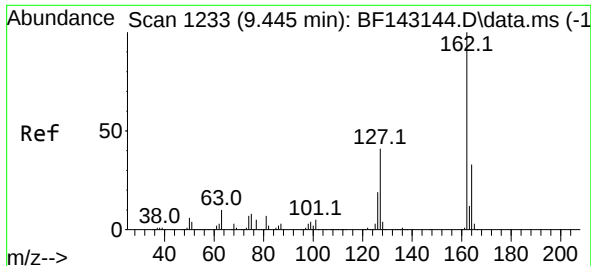
Ion Ratio Lower Upper

154 100

153 39.9 20.3 60.3

76 12.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.736 ng

RT: 9.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

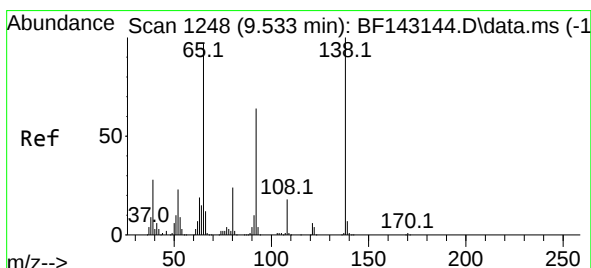
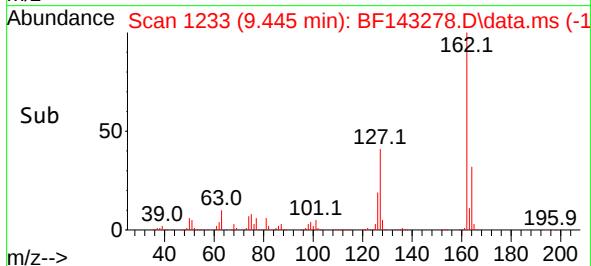
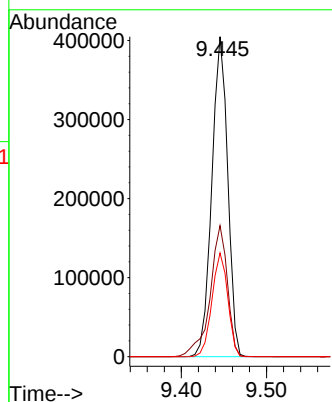
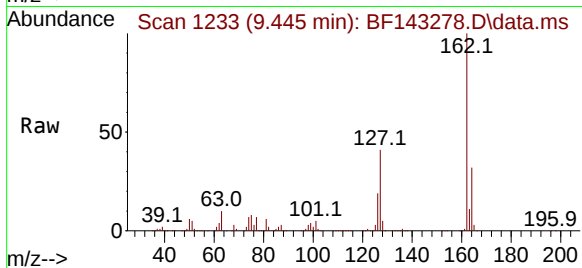
Tgt Ion:162 Resp: 523882

Ion Ratio Lower Upper

162 100

127 41.0 33.4 50.2

164 32.4 26.2 39.2



#48

2-Nitroaniline

Concen: 47.214 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

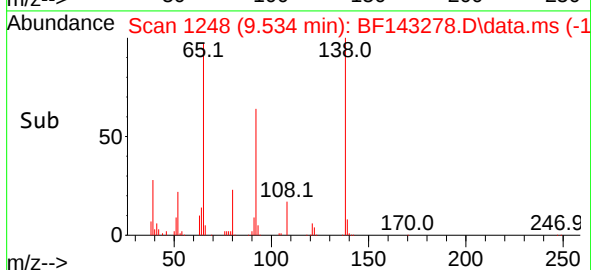
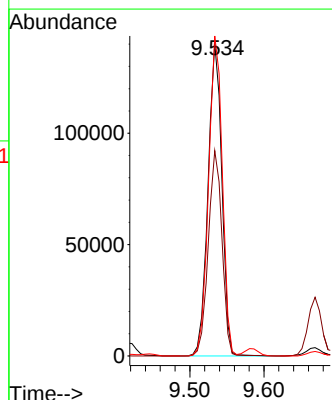
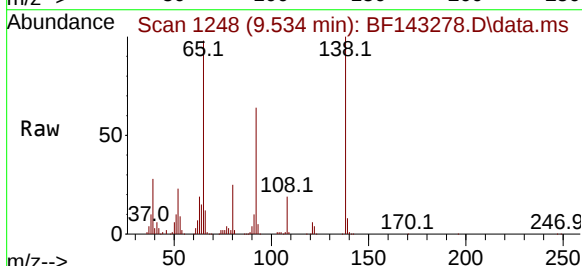
Tgt Ion: 65 Resp: 181505

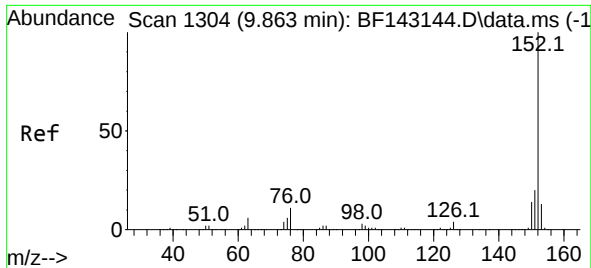
Ion Ratio Lower Upper

65 100

92 65.6 52.4 78.6

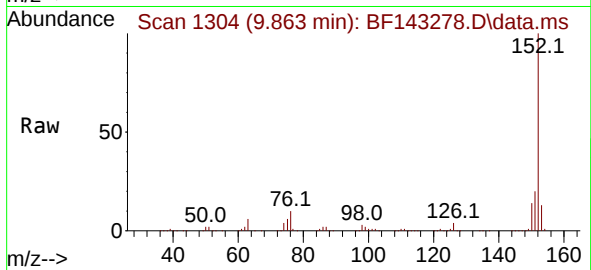
138 102.3 82.3 123.5



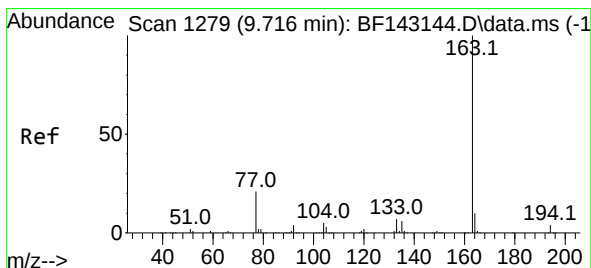
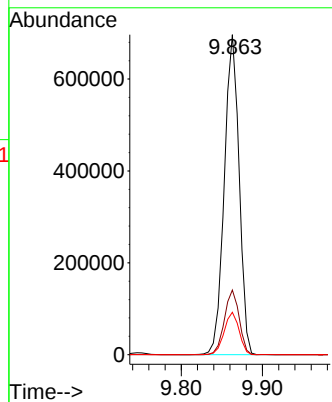
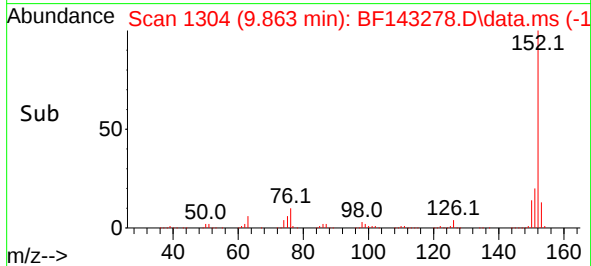


#49
Acenaphthylene
Concen: 43.131 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

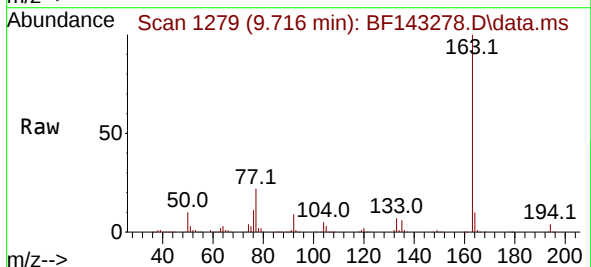
Instrument :
BNA_F
ClientSampleId :
PB169077BS



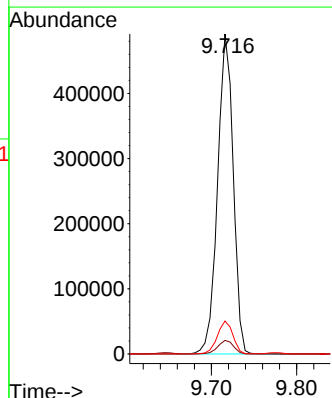
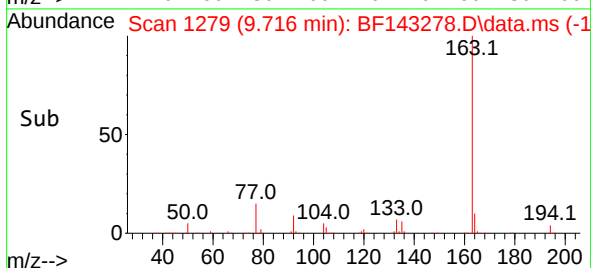
Tgt Ion:152 Resp: 886064
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.6 16.0

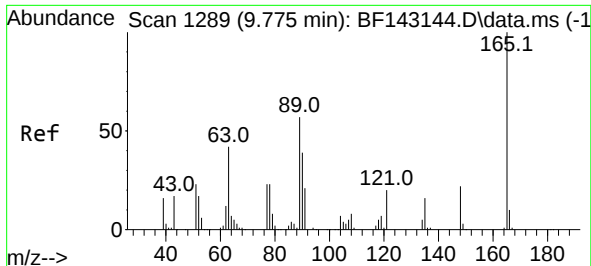


#50
Dimethylphthalate
Concen: 45.263 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03



Tgt Ion:163 Resp: 626516
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.3 12.5

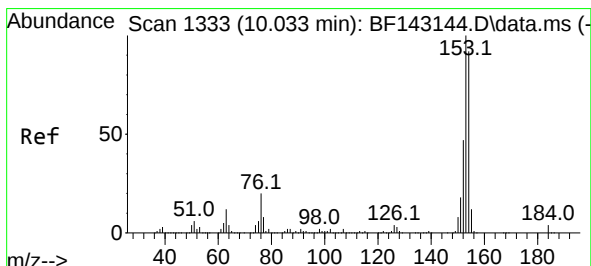
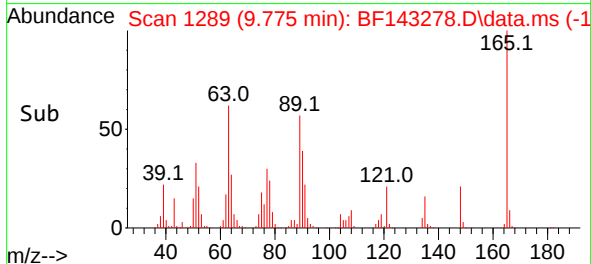
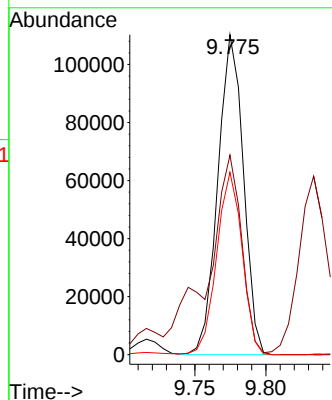
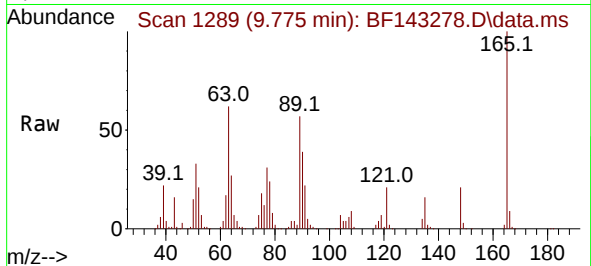




#51
2,6-Dinitrotoluene
Concen: 48.922 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

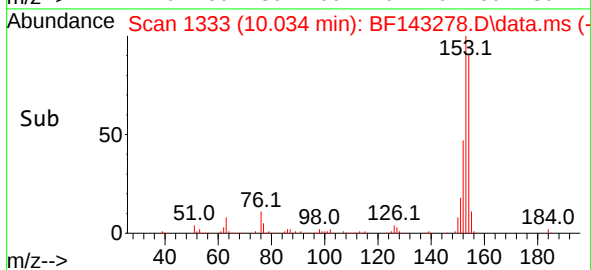
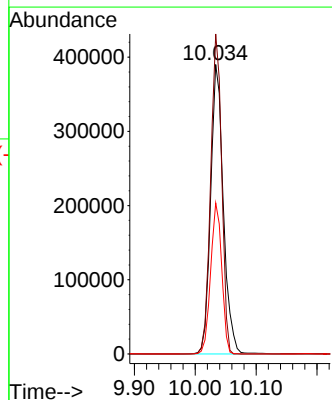
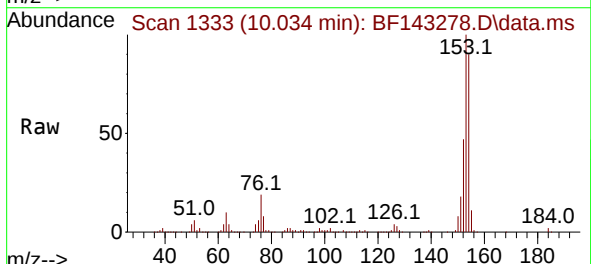
Instrument :
BNA_F
ClientSampleId :
PB169077BS

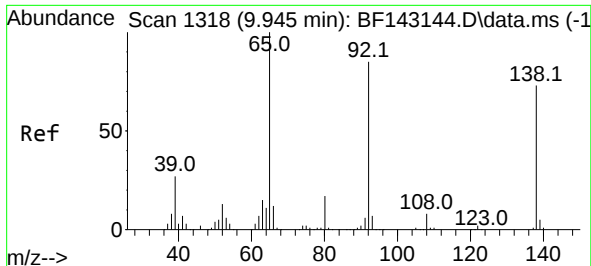
Tgt Ion:165 Resp: 137755
Ion Ratio Lower Upper
165 100
63 62.3 49.4 74.2
89 57.0 46.2 69.2



#52
Acenaphthene
Concen: 46.679 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:154 Resp: 566786
Ion Ratio Lower Upper
154 100
153 110.6 86.6 129.8
152 52.2 40.4 60.6

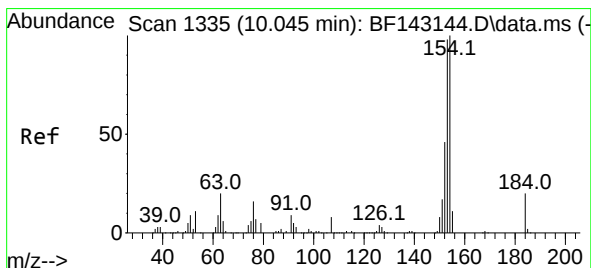
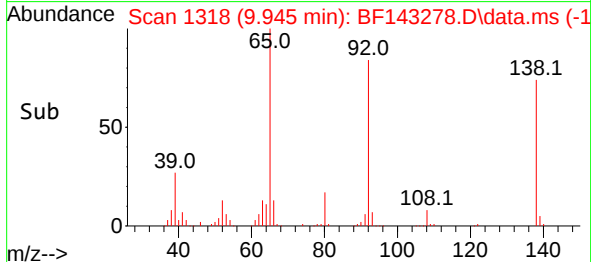
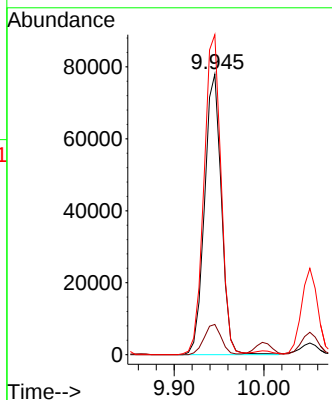
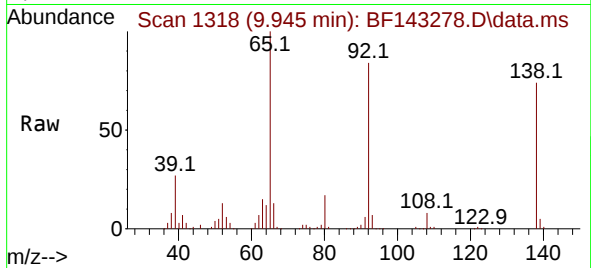




#53
3-Nitroaniline
Concen: 30.867 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

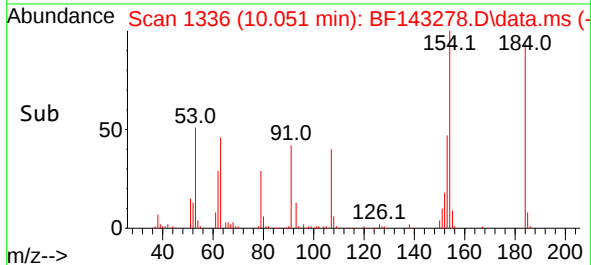
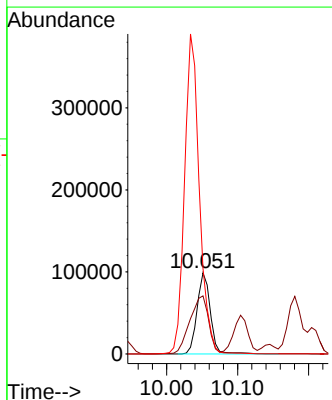
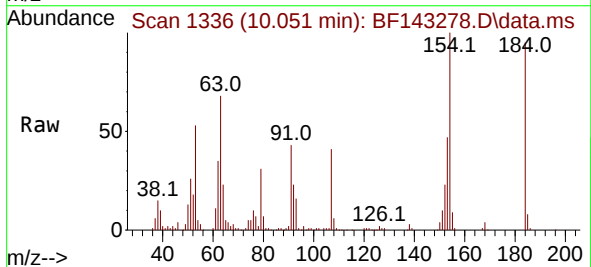
Instrument :
BNA_F
ClientSampleId :
PB169077BS

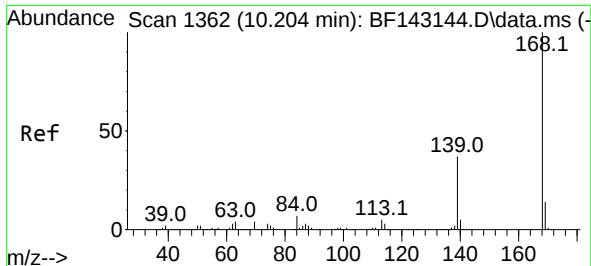
Tgt Ion:138 Resp: 101661
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 114.1 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 99.382 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

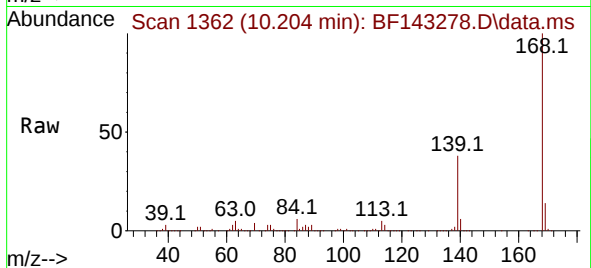
Tgt Ion:184 Resp: 129077
Ion Ratio Lower Upper
184 100
63 71.6 81.8 122.6#
154 105.4 412.2 618.4#



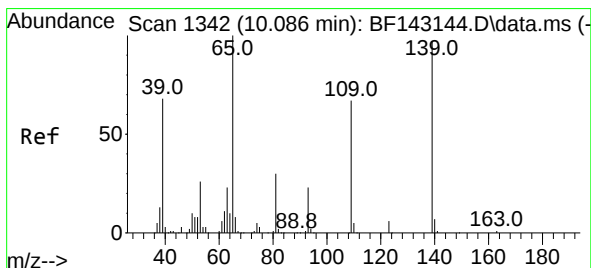
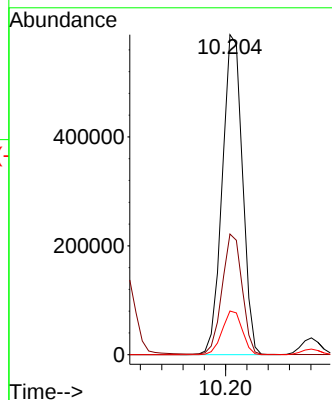
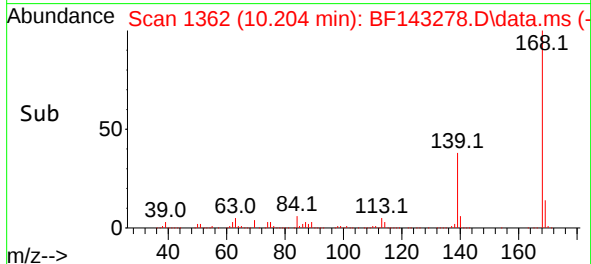


#55
Dibenzofuran
Concen: 42.726 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

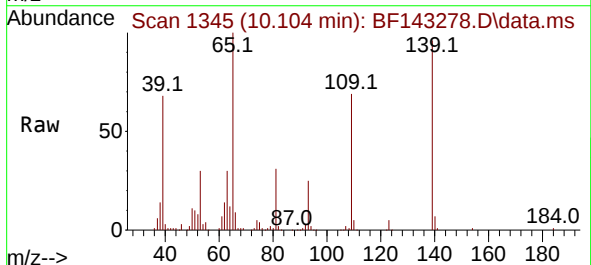
Instrument :
BNA_F
ClientSampleId :
PB169077BS



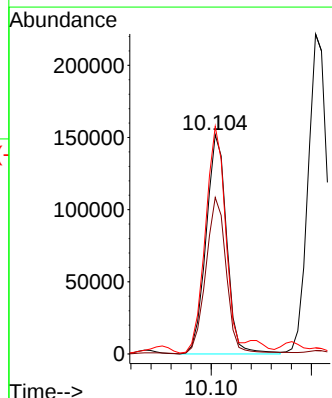
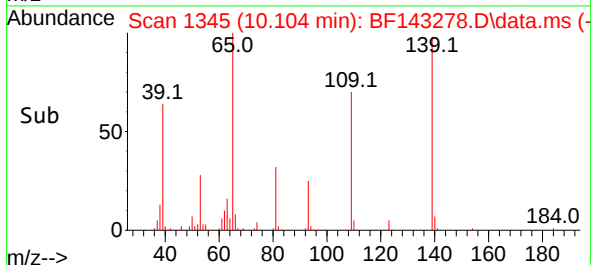
Tgt Ion:168 Resp: 770251
Ion Ratio Lower Upper
168 100
139 37.7 29.5 44.3
169 13.7 10.9 16.3

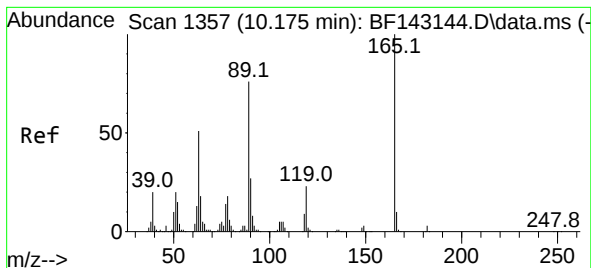


#56
4-Nitrophenol
Concen: 88.070 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03



Tgt Ion:139 Resp: 216601
Ion Ratio Lower Upper
139 100
109 71.3 48.5 88.5
65 103.7 83.4 123.4

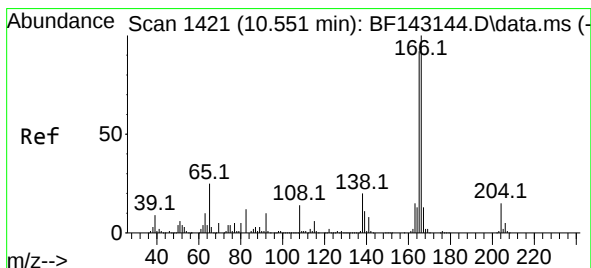
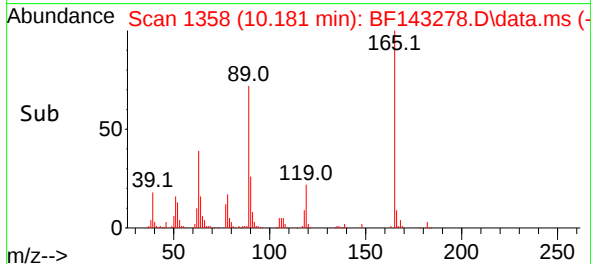
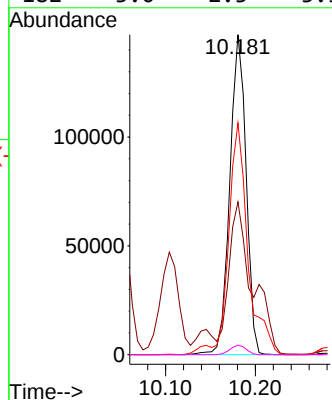
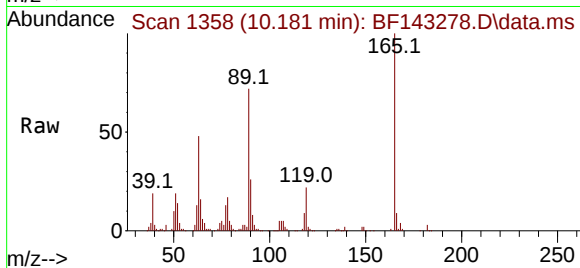




#57
2,4-Dinitrotoluene
Concen: 52.467 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

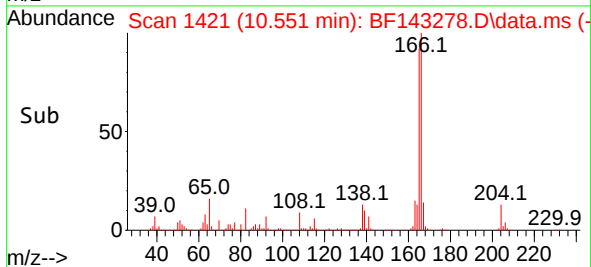
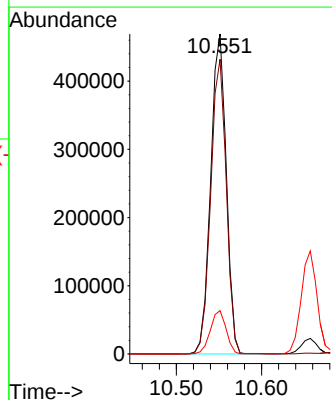
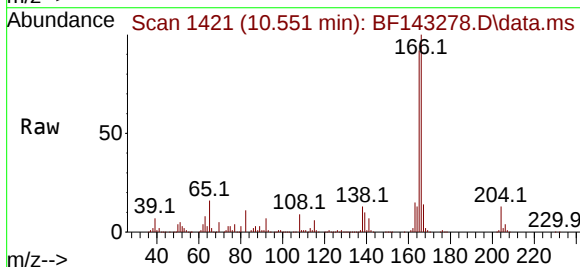
Instrument :
BNA_F
ClientSampleId :
PB169077BS

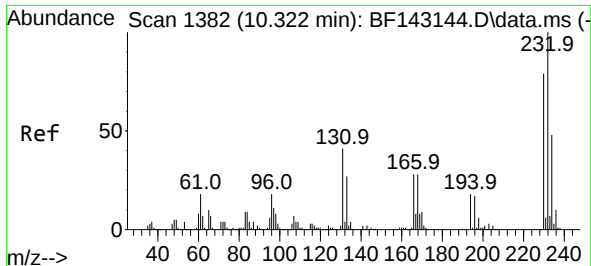
Tgt Ion:	165	Resp:	185348
Ion	Ratio	Lower	Upper
165	100		
63	47.7	41.0	61.4
89	72.4	61.1	91.7
182	3.0	2.3	3.5



#58
Fluorene
Concen: 44.133 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:	166	Resp:	597126
Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.6	10.6	16.0

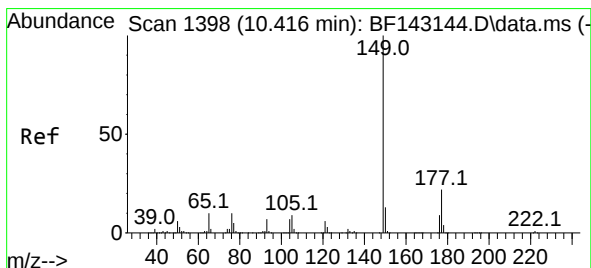
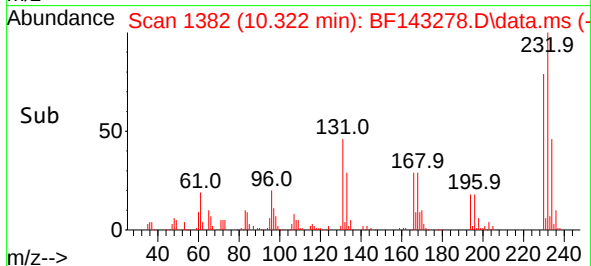
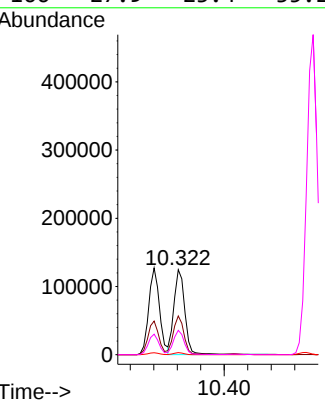
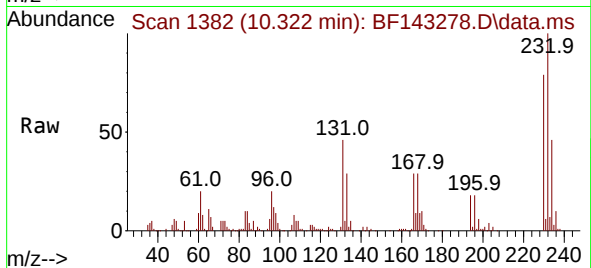




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.482 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

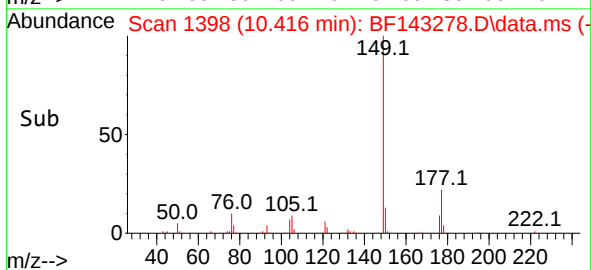
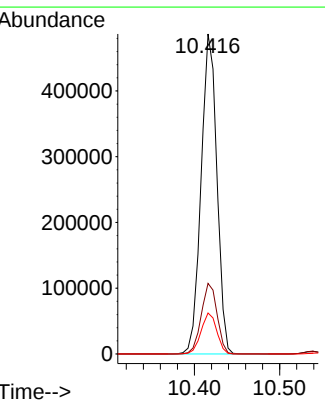
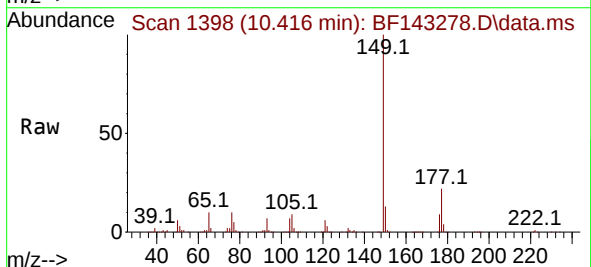
Instrument :
BNA_F
ClientSampleId :
PB169077BS

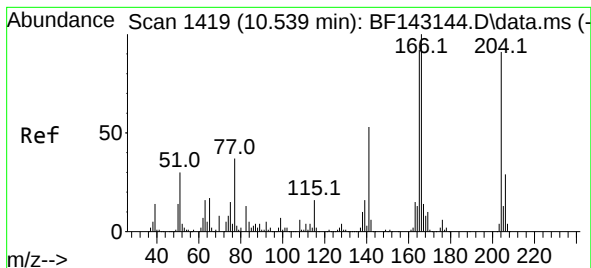
Tgt Ion:232 Resp: 159905
Ion Ratio Lower Upper
232 100
131 45.3 35.3 52.9
130 2.3 1.7 2.5
166 27.9 23.4 35.2



#60
Diethylphthalate
Concen: 45.899 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:149 Resp: 627943
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.8 10.2 15.2

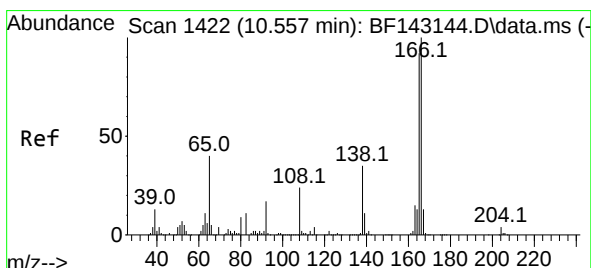
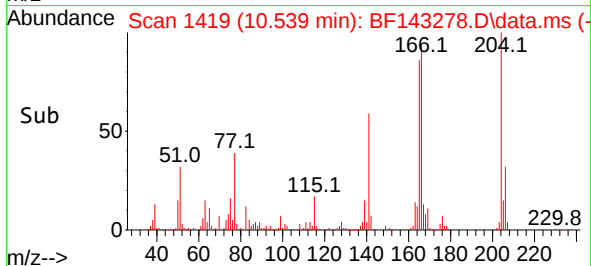
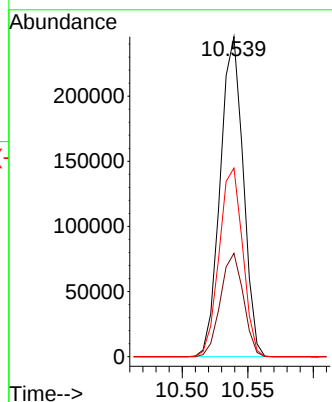
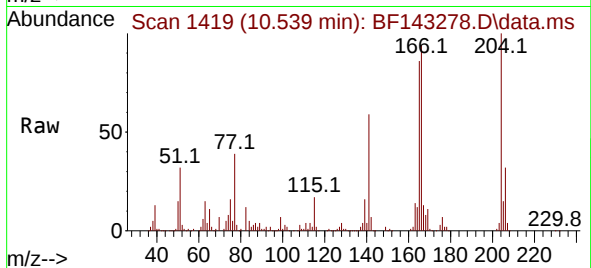




#61
4-Chlorophenyl-phenylether
Concen: 44.412 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

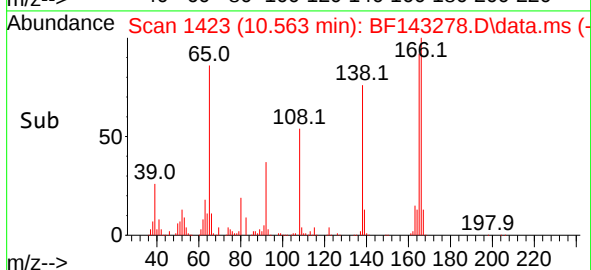
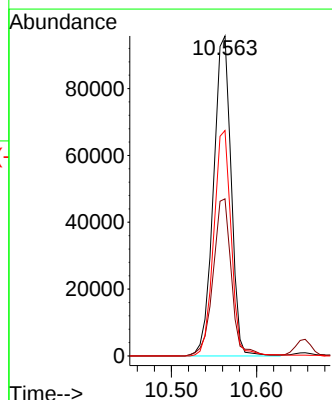
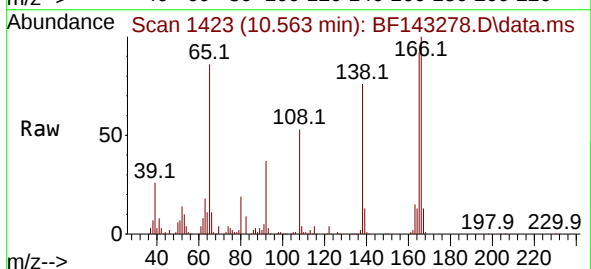
Instrument :
BNA_F
ClientSampleId :
PB169077BS

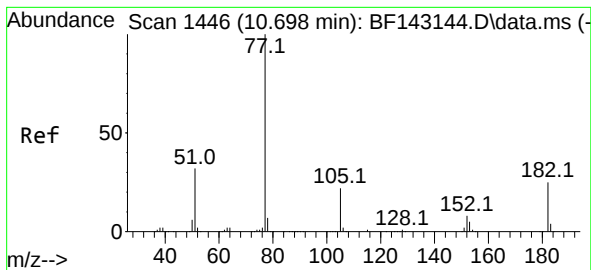
Tgt Ion:204 Resp: 299207
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 58.9 47.0 70.4



#62
4-Nitroaniline
Concen: 48.996 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:138 Resp: 138303
Ion Ratio Lower Upper
138 100
92 49.1 29.3 69.3
108 70.5 48.3 88.3

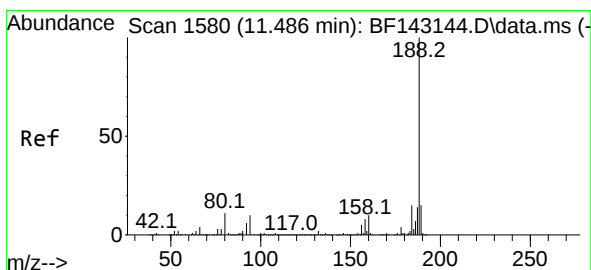
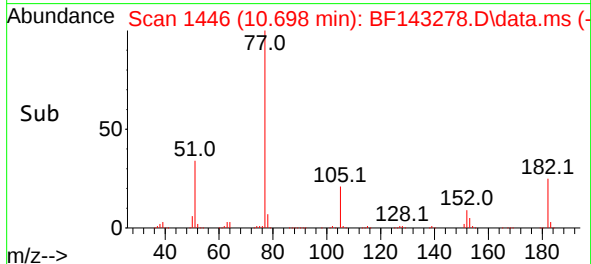
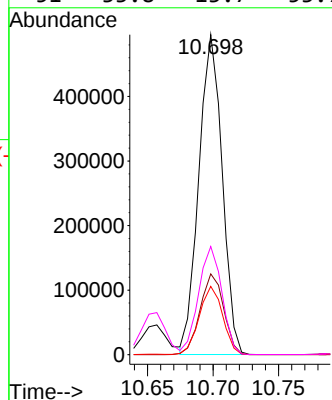
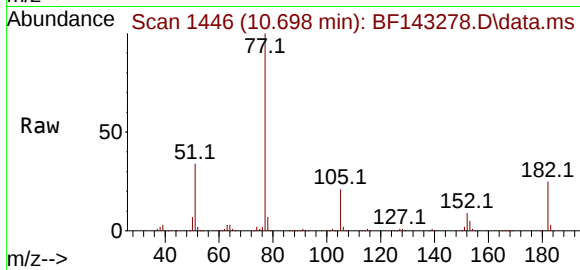




#63
Azobenzene
Concen: 43.181 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

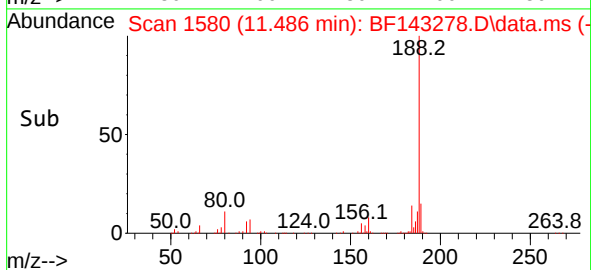
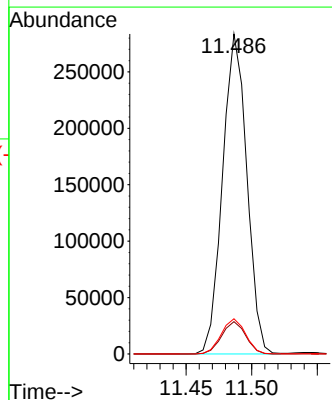
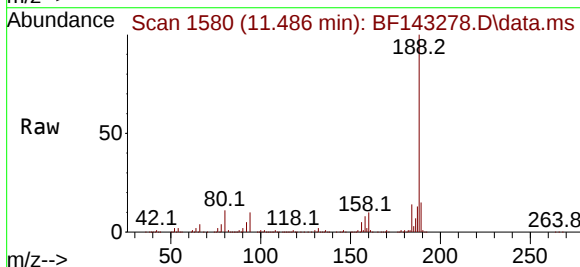
Instrument :
BNA_F
ClientSampleId :
PB169077BS

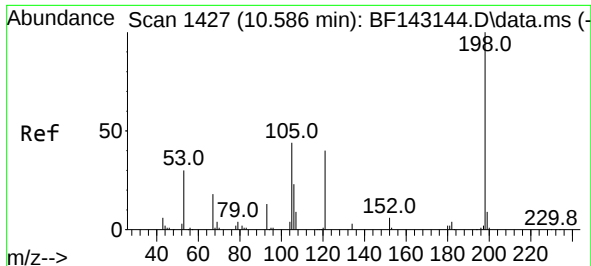
Tgt Ion: 77	Resp: 615705
Ion Ratio	Lower Upper
77 100	
182 25.3	4.6 44.6
105 21.4	1.4 41.4
51 33.8	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:188	Resp: 364957
Ion Ratio	Lower Upper
188 100	
94 10.1	8.3 12.5
80 11.0	9.0 13.6

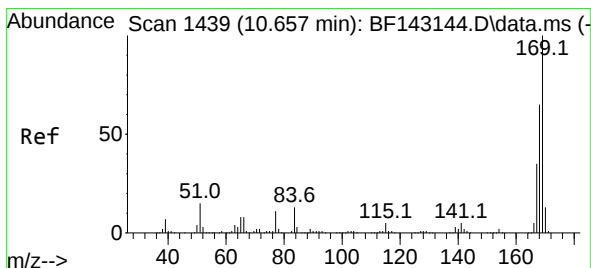
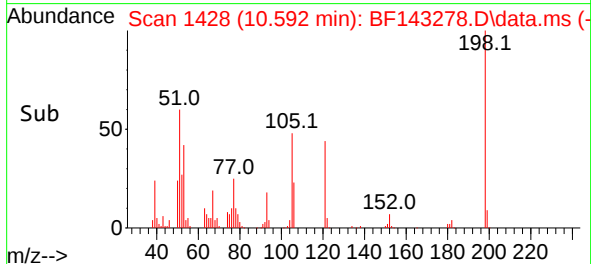
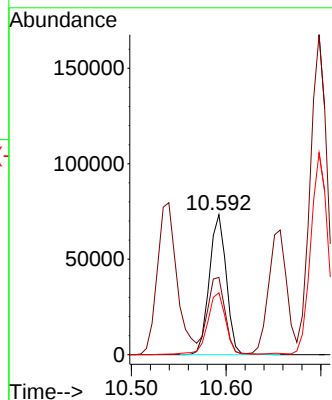
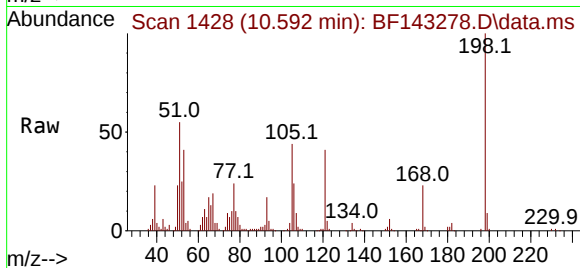




#65
4,6-Dinitro-2-methylphenol
Concen: 47.636 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

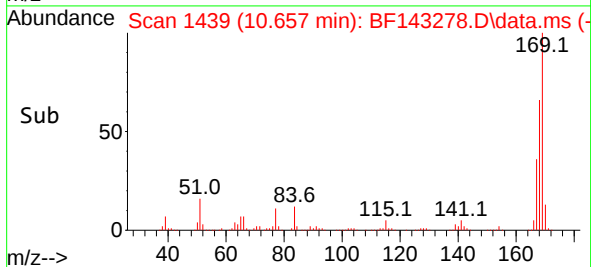
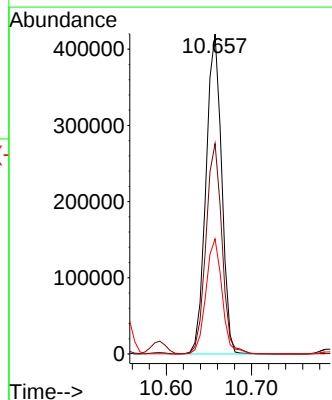
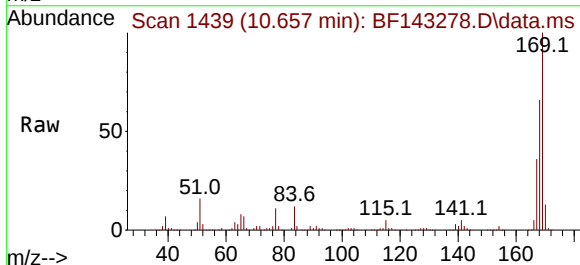
Instrument :
BNA_F
ClientSampleId :
PB169077BS

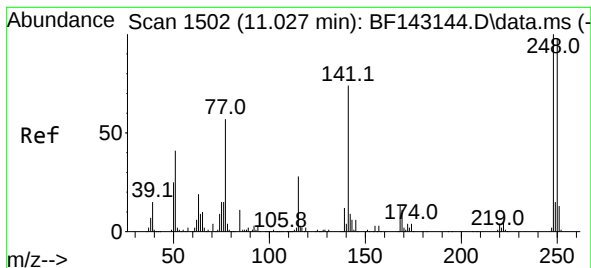
Tgt Ion:198 Resp: 91050
Ion Ratio Lower Upper
198 100
51 55.2 37.2 77.2
105 44.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 41.638 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:169 Resp: 535107
Ion Ratio Lower Upper
169 100
168 65.8 52.1 78.1
167 36.0 28.2 42.2

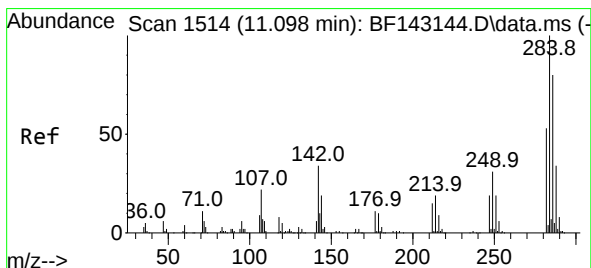
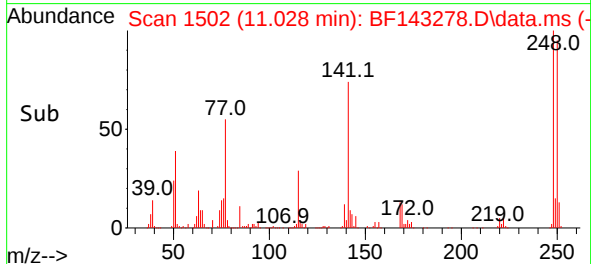
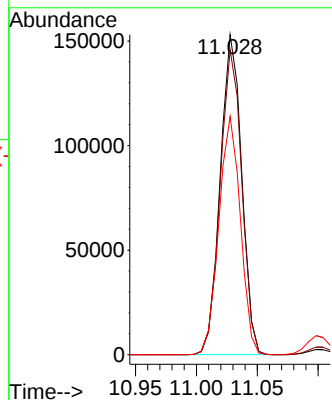
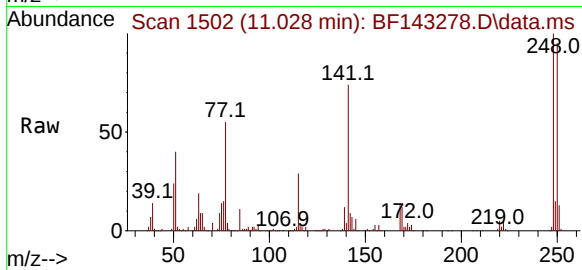




#67
4-Bromophenyl-phenylether
Concen: 43.163 ng
RT: 11.028 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

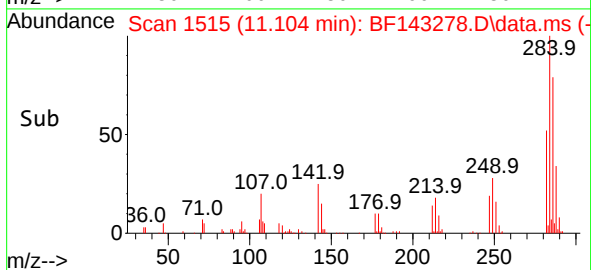
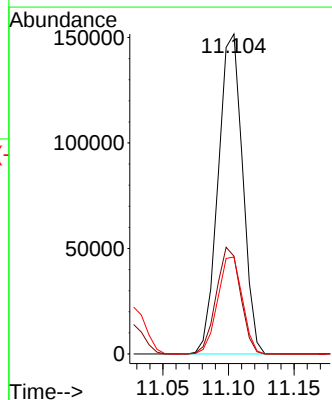
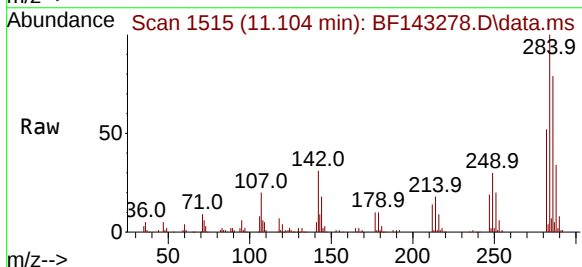
Instrument :
BNA_F
ClientSampleId :
PB169077BS

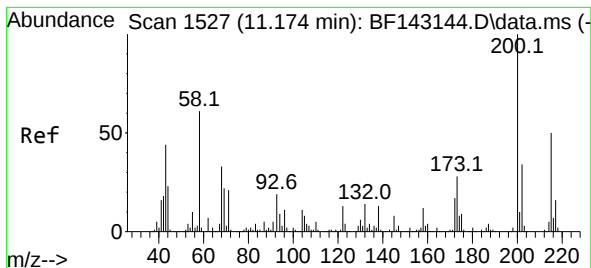
Tgt Ion:248 Resp: 187731
Ion Ratio Lower Upper
248 100
250 95.2 78.3 117.5
141 74.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 43.182 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:284 Resp: 196304
Ion Ratio Lower Upper
284 100
142 30.6 27.0 40.6
249 30.3 25.0 37.6





#69

Atrazine

Concen: 48.511 ng

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

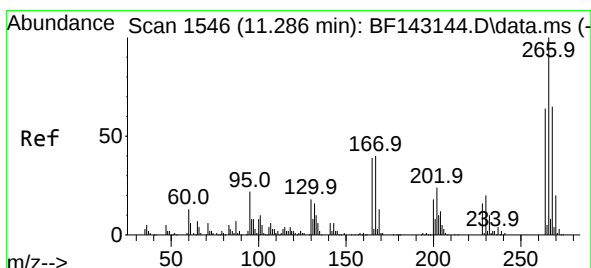
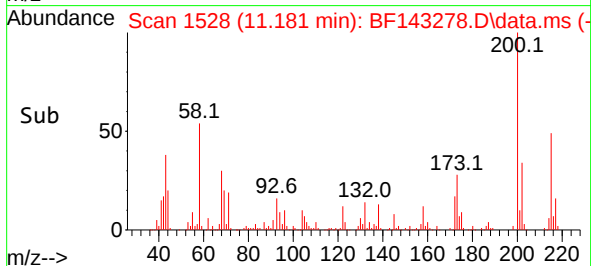
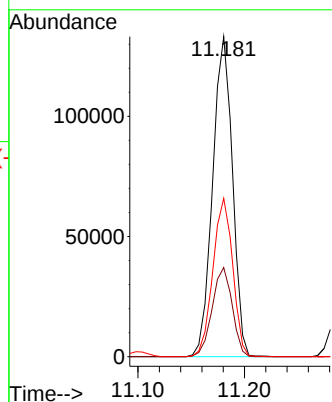
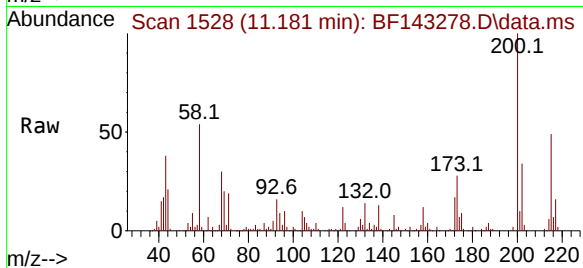
Tgt Ion:200 Resp: 171872

Ion Ratio Lower Upper

200 100

173 27.8 7.9 47.9

215 49.5 30.1 70.1



#70

Pentachlorophenol

Concen: 84.212 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

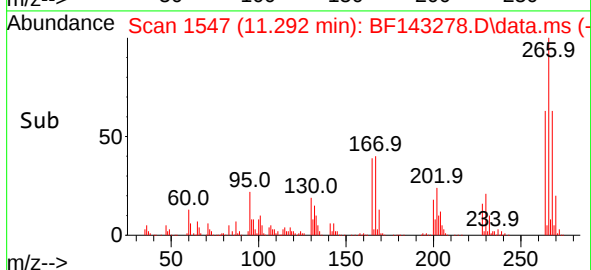
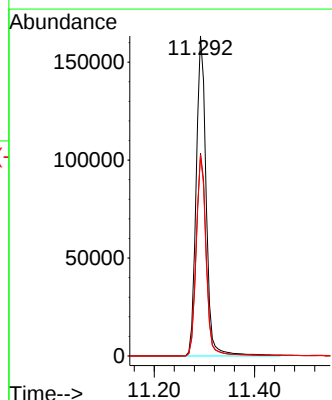
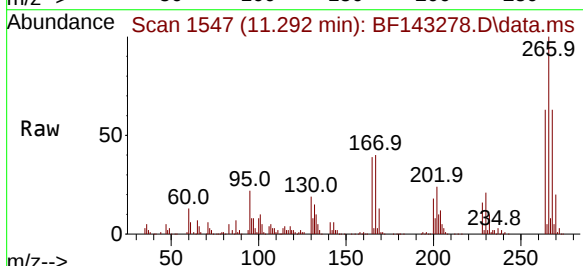
Tgt Ion:266 Resp: 225132

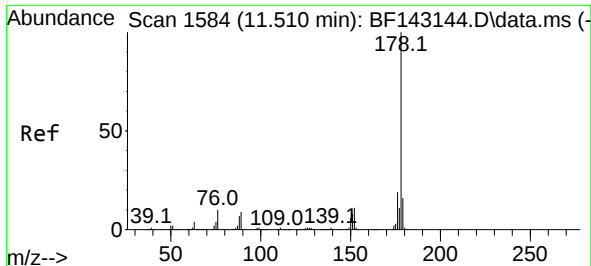
Ion Ratio Lower Upper

266 100

268 63.3 51.9 77.9

264 62.8 51.0 76.6

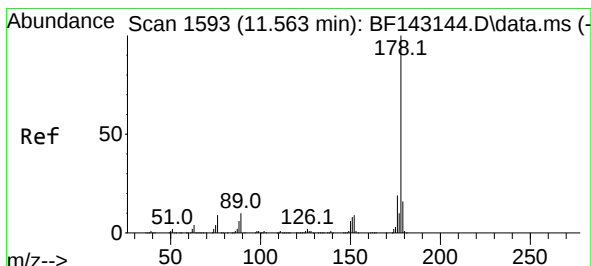
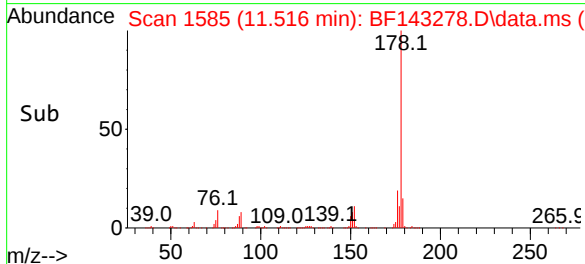
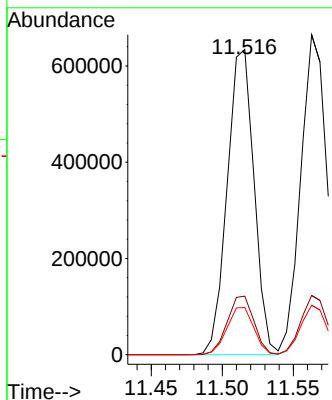
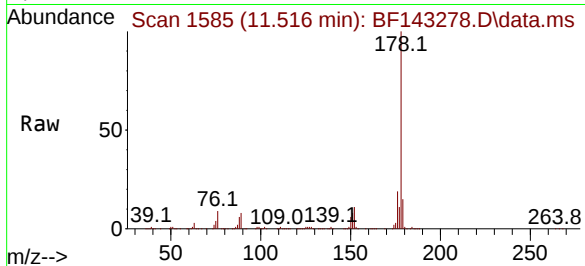




#71
Phenanthrene
Concen: 43.082 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

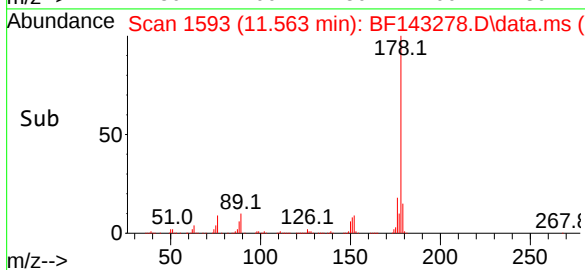
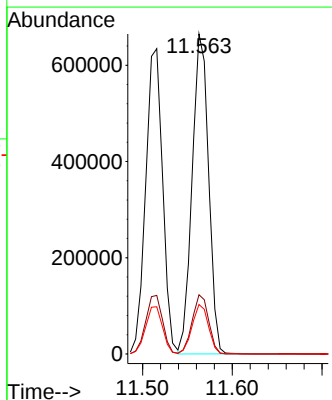
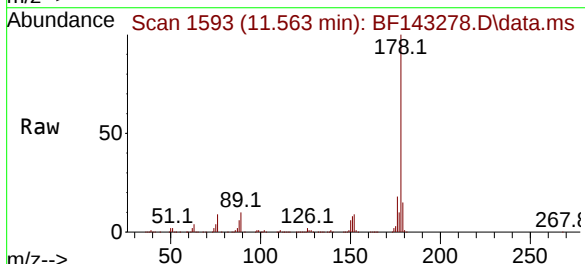
Instrument :
BNA_F
ClientSampleId :
PB169077BS

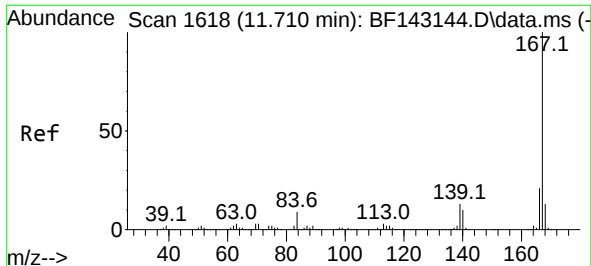
Tgt Ion:178 Resp: 834843
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 42.786 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

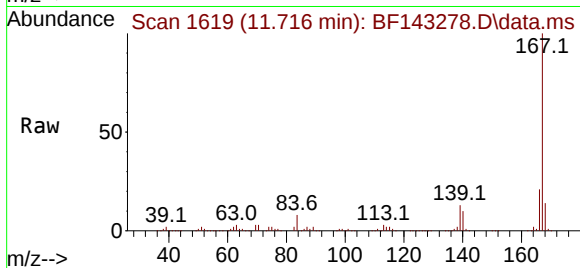
Tgt Ion:178 Resp: 845596
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.5 18.7



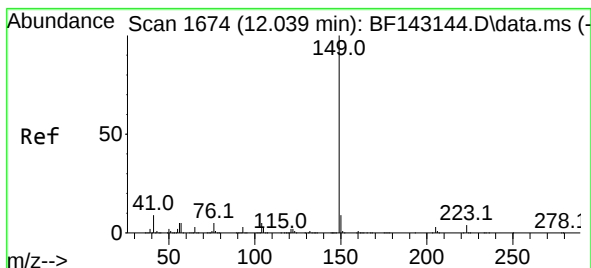
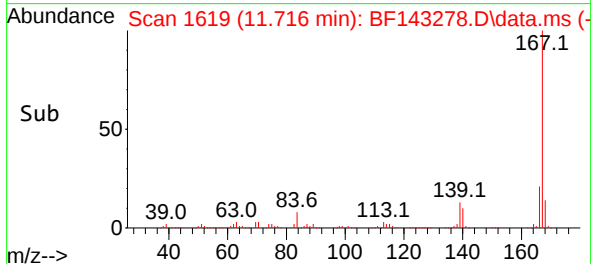
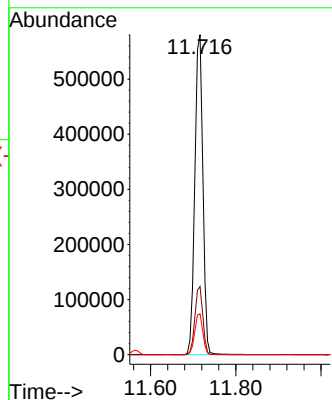


#73
 Carbazole
 Concen: 44.260 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB169077BS

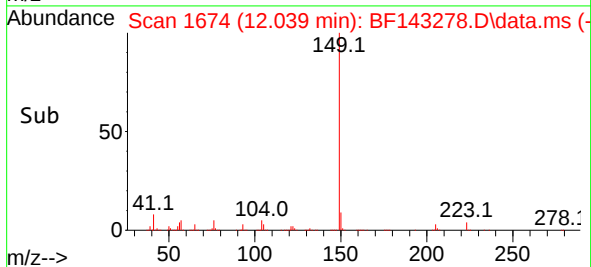
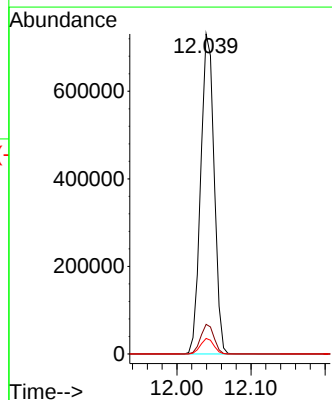
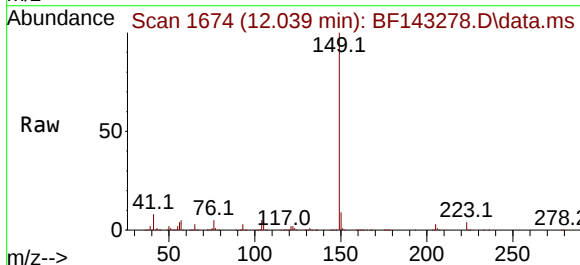


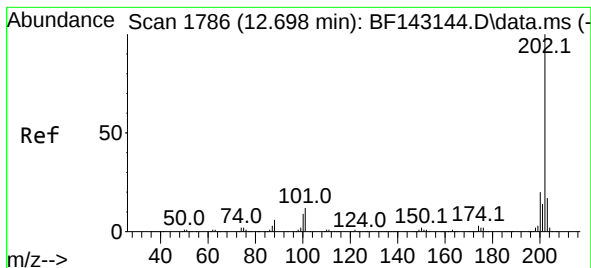
Tgt Ion:167 Resp: 763818
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 47.182 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

Tgt Ion:149 Resp: 921317
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 46.888 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

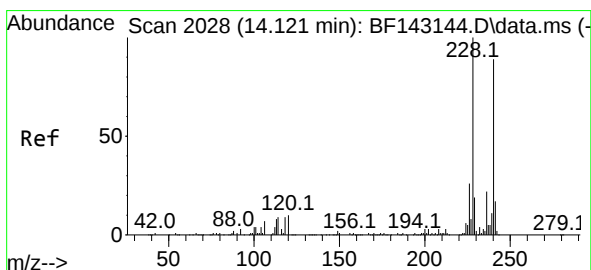
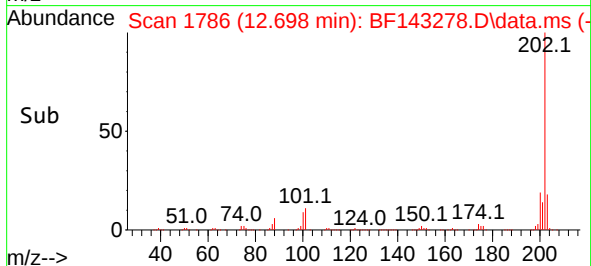
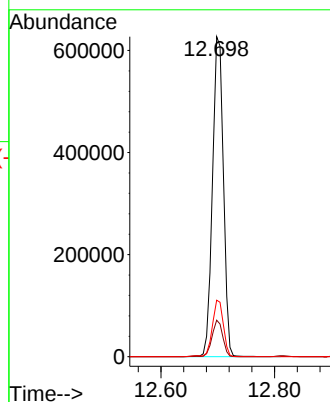
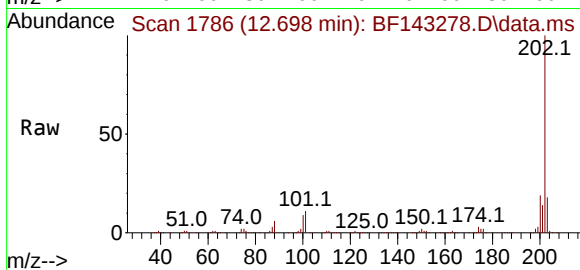
Tgt Ion:202 Resp: 833975

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.7

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

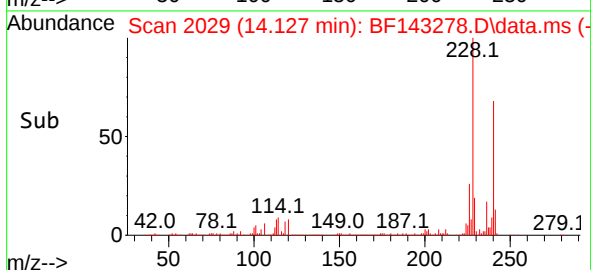
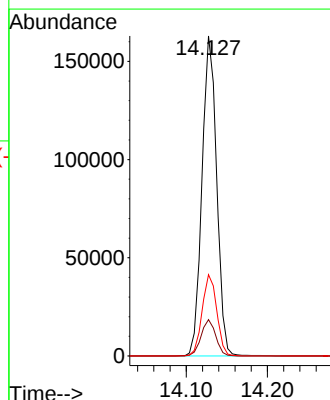
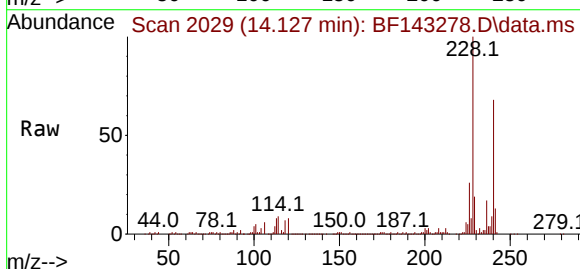
Tgt Ion:240 Resp: 204179

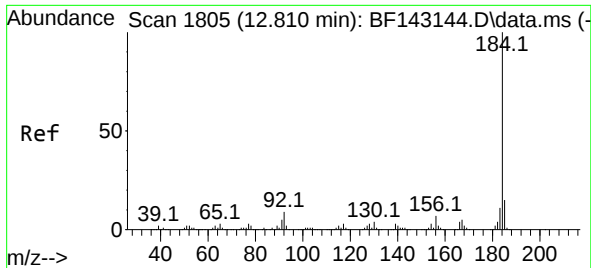
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.4 20.2 30.4

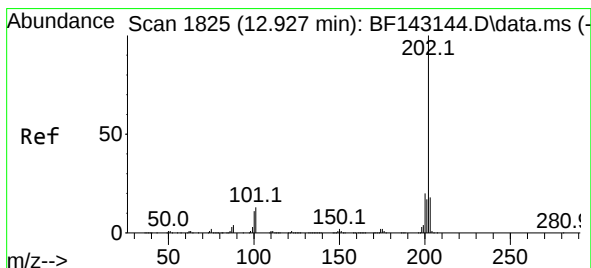
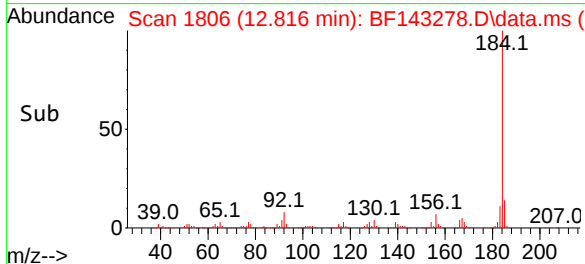
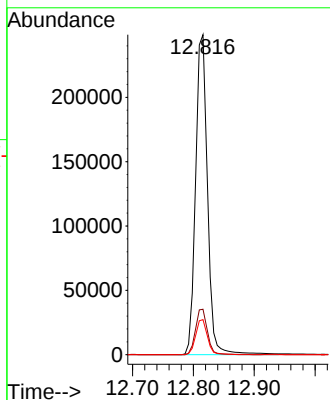
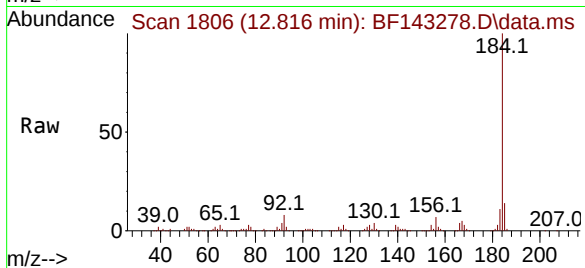




#77
Benzidine
Concen: 42.939 ng
RT: 12.816 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

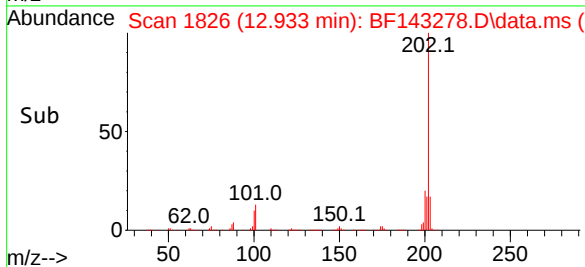
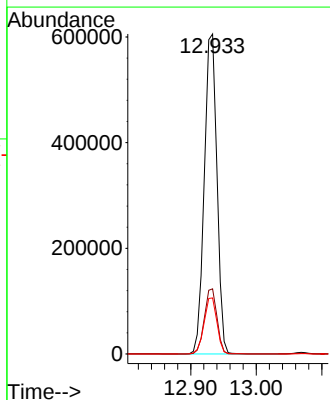
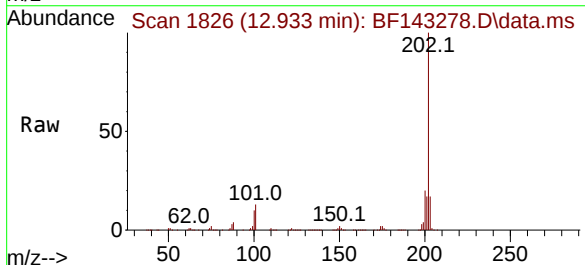
Instrument :
BNA_F
ClientSampleId :
PB169077BS

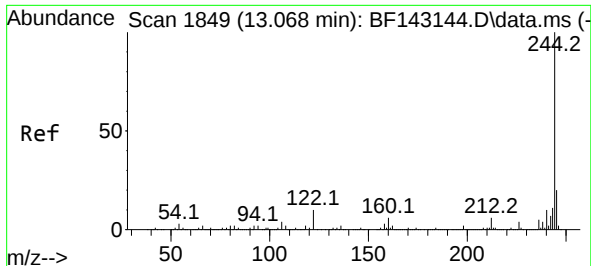
Tgt Ion:184 Resp: 337780
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 46.852 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:202 Resp: 816421
Ion Ratio Lower Upper
202 100
200 20.4 15.7 23.5
203 17.5 14.2 21.2

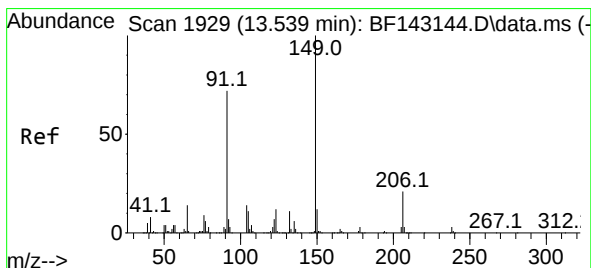
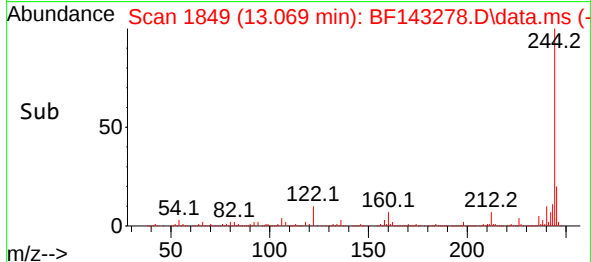
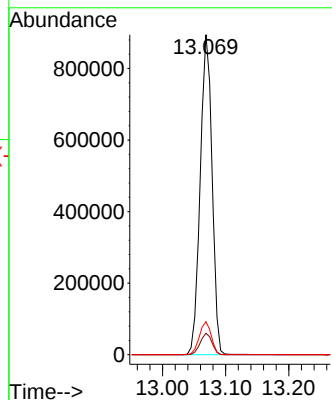
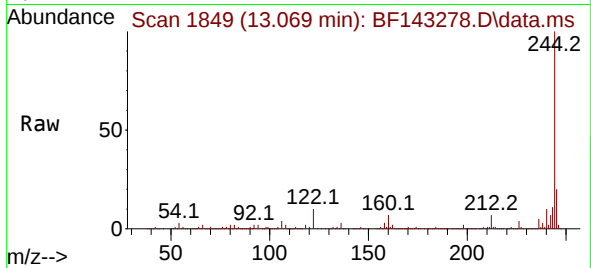




#79
 Terphenyl-d14
 Concen: 84.891 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

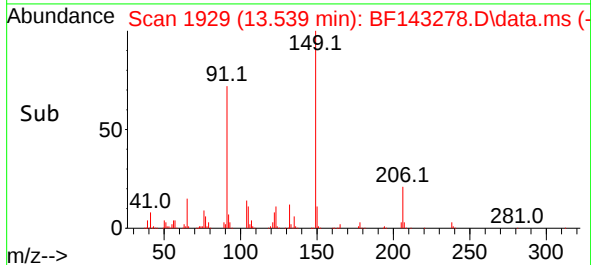
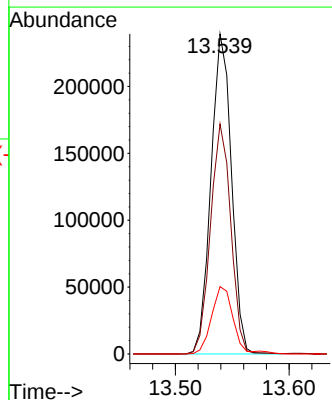
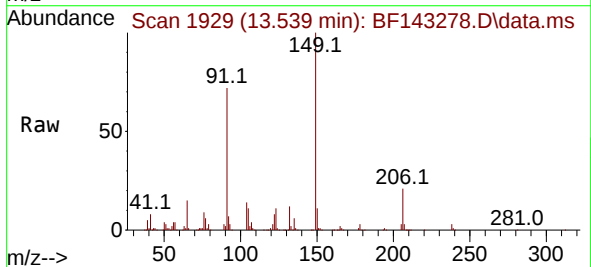
Instrument :
 BNA_F
 ClientSampleId :
 PB169077BS

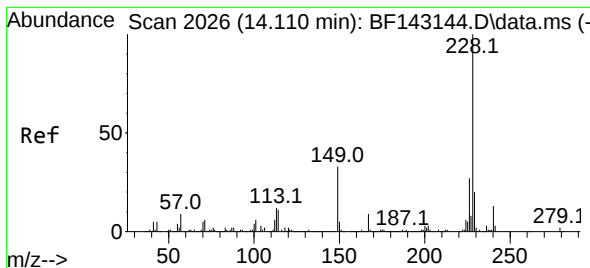
Tgt Ion:244 Resp: 1164765
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 56.199 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

Tgt Ion:149 Resp: 299874
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.9 86.9
 206 21.1 17.0 25.4





#81

Benzo(a)anthracene

Concen: 46.306 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

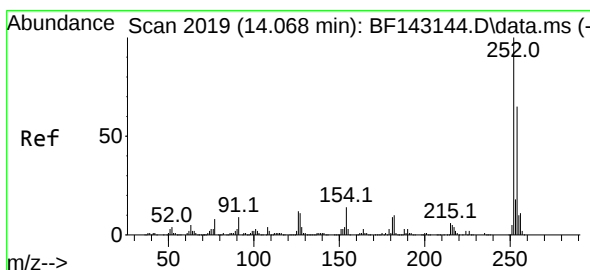
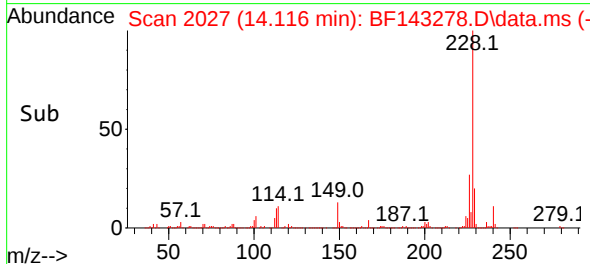
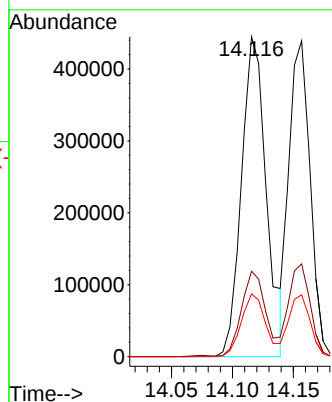
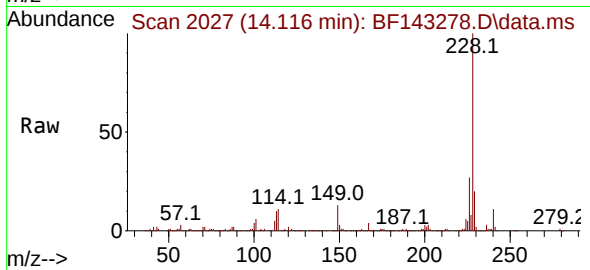
Tgt Ion:228 Resp: 633000

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 26.947 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

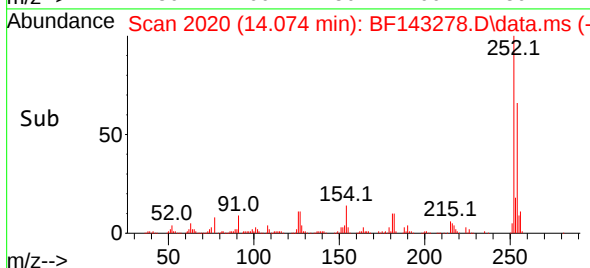
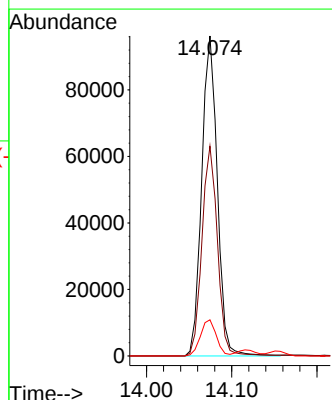
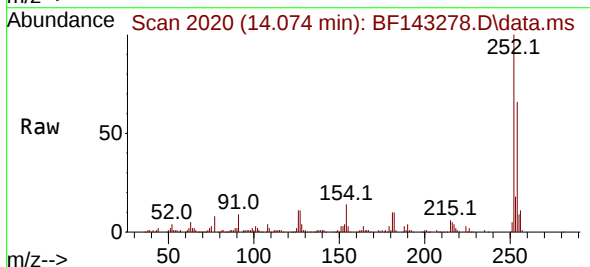
Tgt Ion:252 Resp: 122772

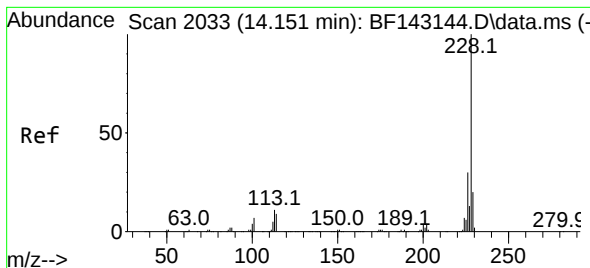
Ion Ratio Lower Upper

252 100

254 65.5 51.7 77.5

126 11.3 9.4 14.0





#83

Chrysene

Concen: 43.390 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

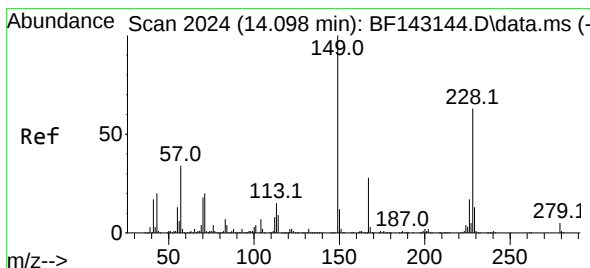
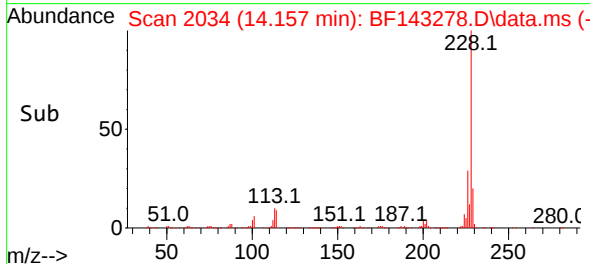
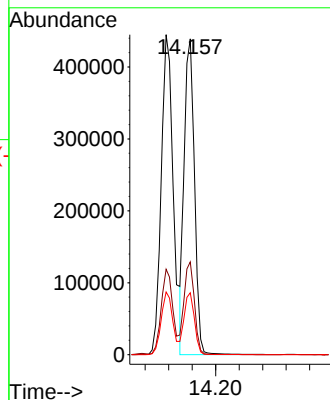
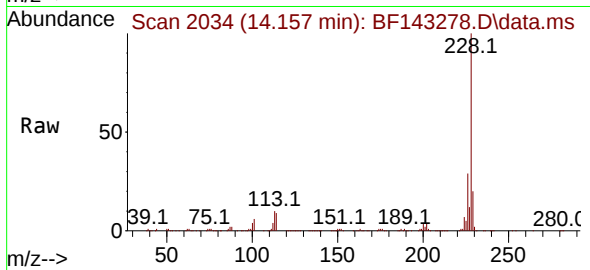
Tgt Ion:228 Resp: 533282

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.015 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

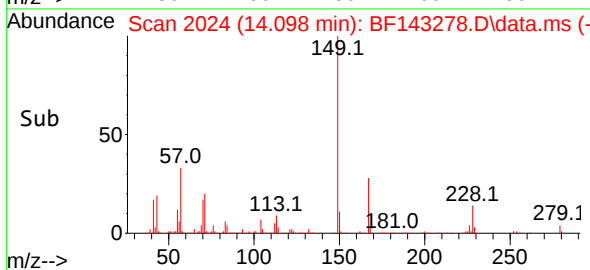
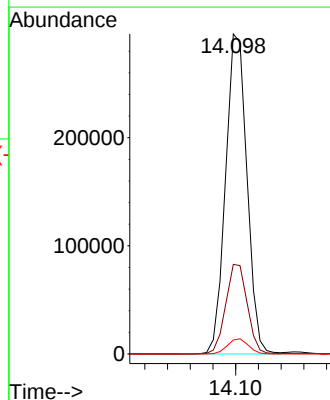
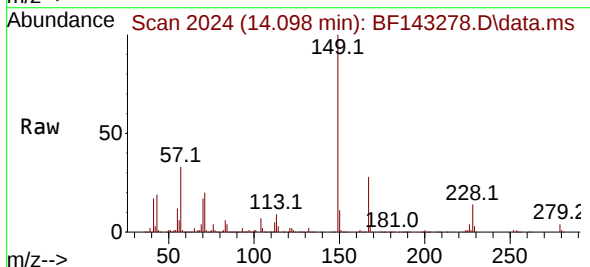
Tgt Ion:149 Resp: 387790

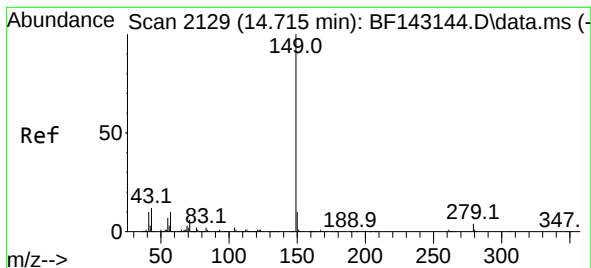
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.4 3.6 5.4

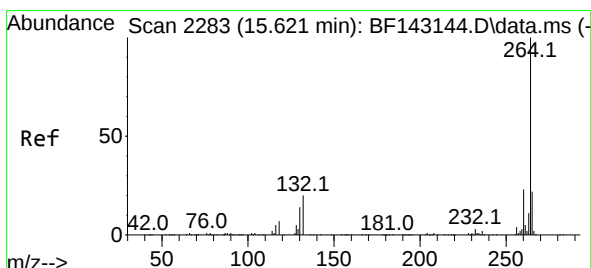
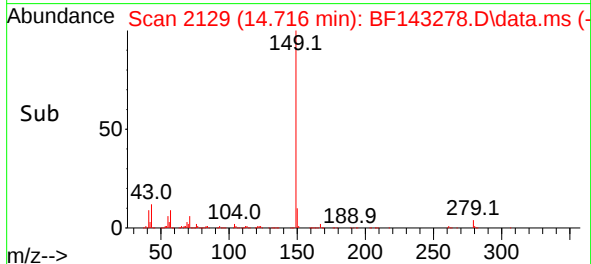
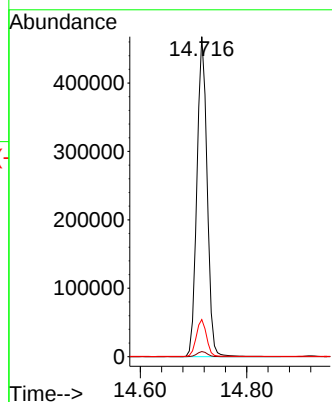
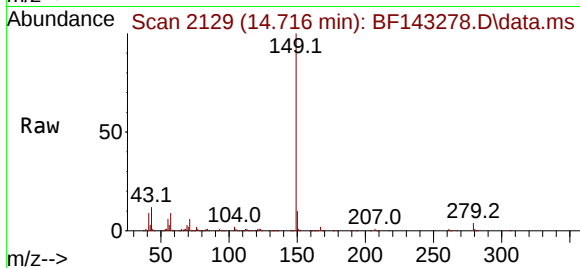




#85
Di-n-octyl phthalate
Concen: 42.359 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

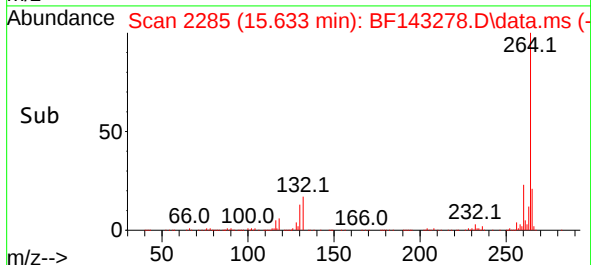
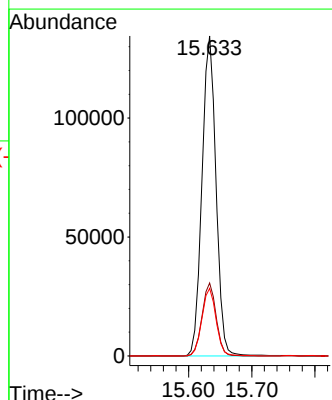
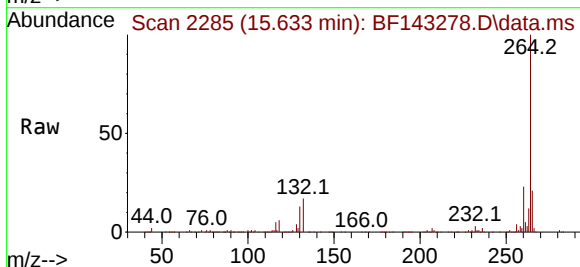
Instrument :
BNA_F
ClientSampleId :
PB169077BS

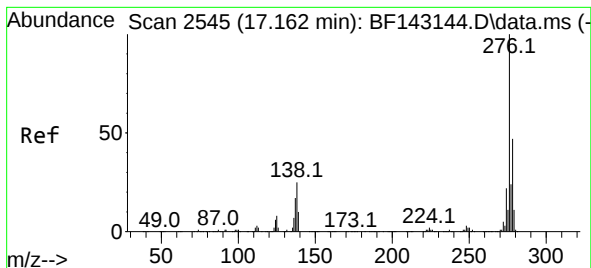
Tgt Ion:149 Resp: 620118
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:264 Resp: 207302
Ion Ratio Lower Upper
264 100
260 22.8 18.5 27.7
265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.153 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB169077BS

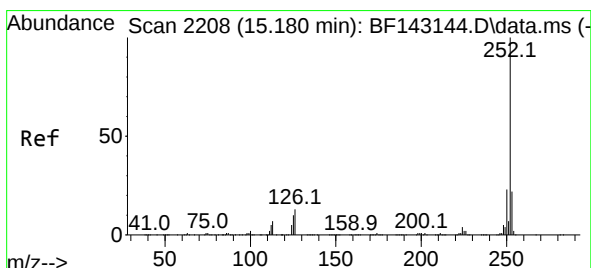
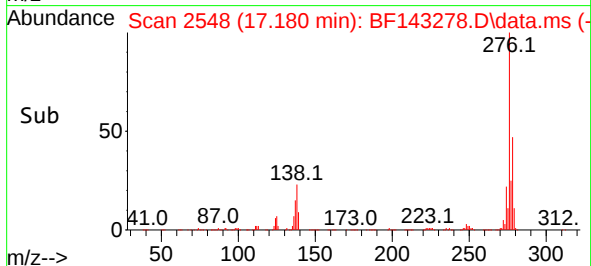
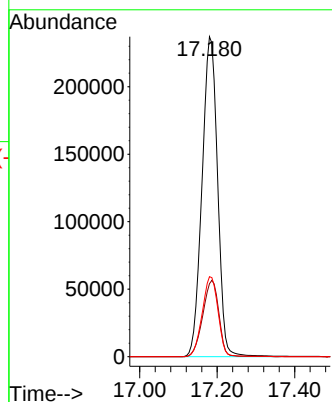
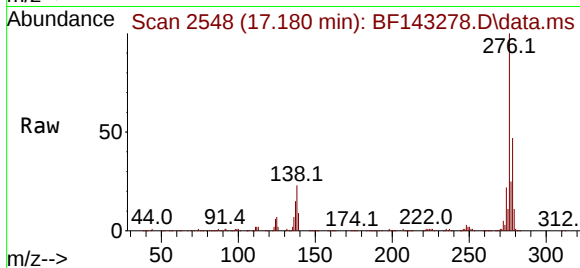
Tgt Ion:276 Resp: 660034

Ion Ratio Lower Upper

276 100

138 24.5 21.8 32.6

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.662 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143278.D

Acq: 01 Aug 2025 13:03

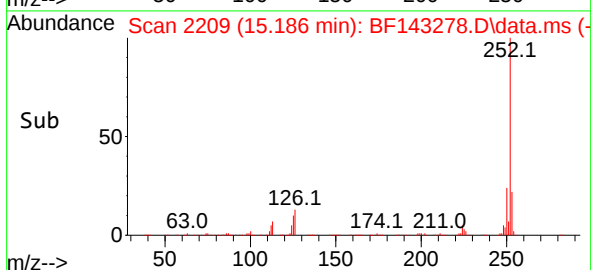
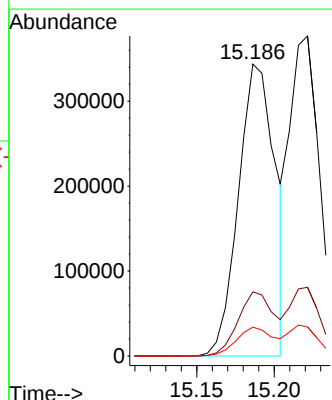
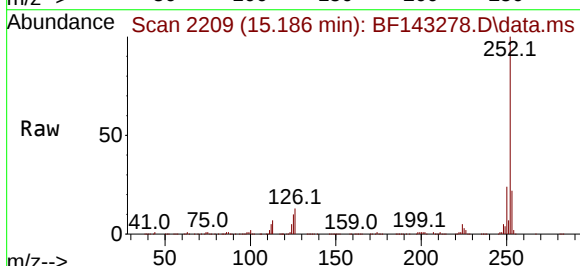
Tgt Ion:252 Resp: 565613

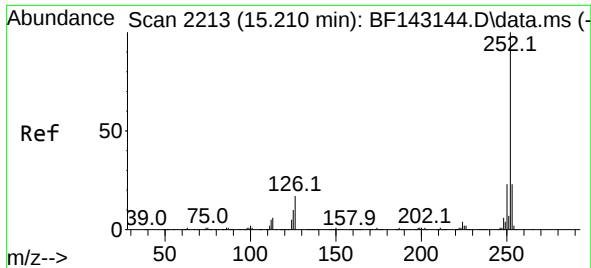
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 8.0 12.0

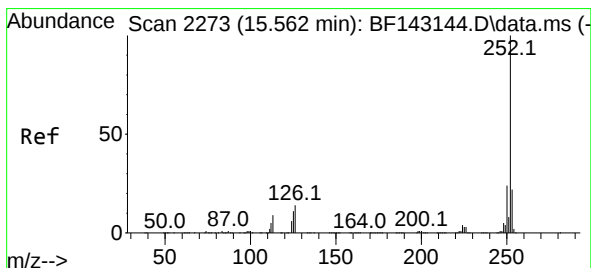
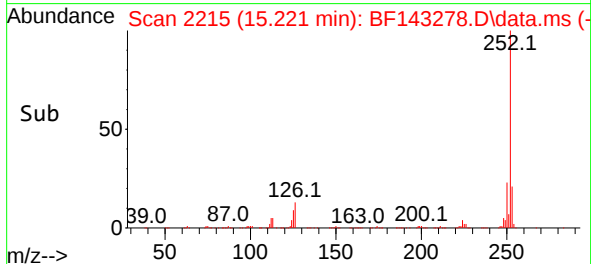
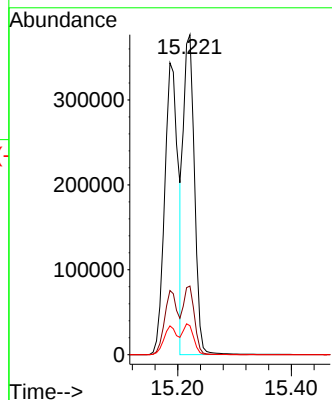
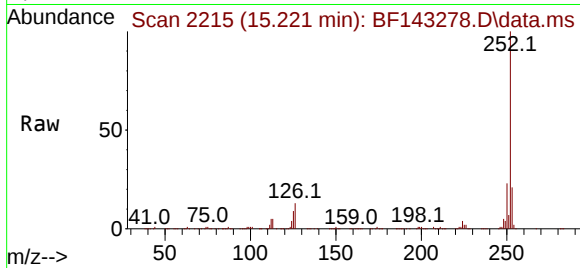




#89
Benzo(k)fluoranthene
Concen: 45.214 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

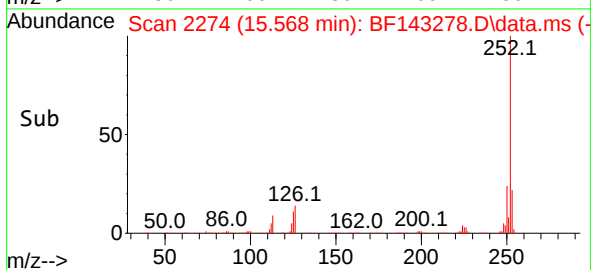
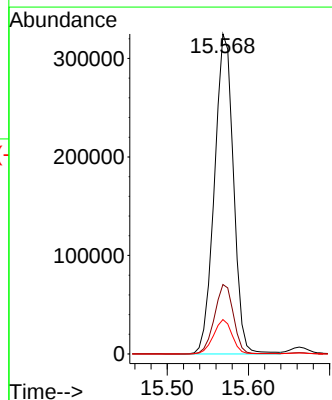
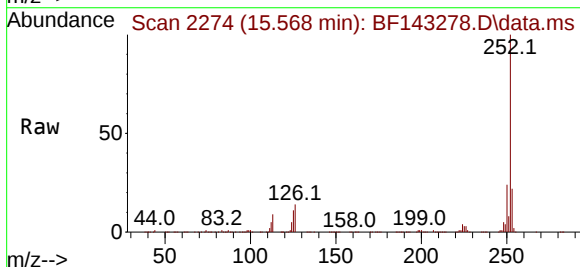
Instrument :
BNA_F
ClientSampleId :
PB169077BS

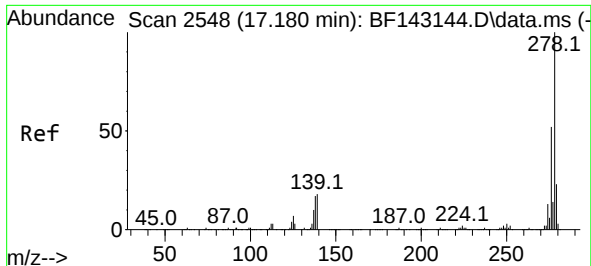
Tgt Ion:252 Resp: 510964
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 45.382 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143278.D
Acq: 01 Aug 2025 13:03

Tgt Ion:252 Resp: 529530
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.7 8.6 13.0

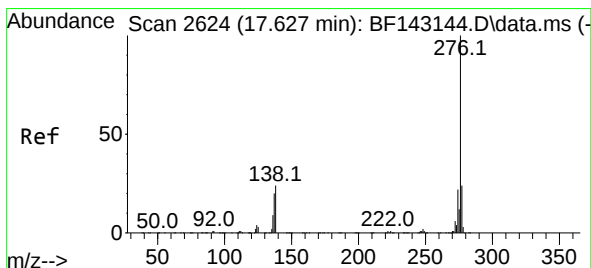
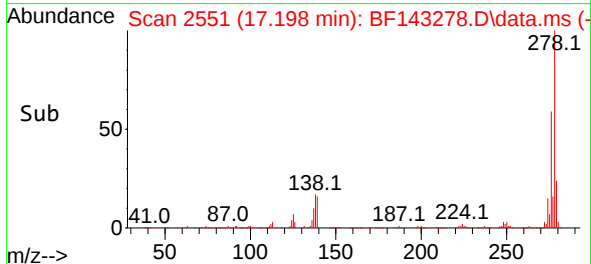
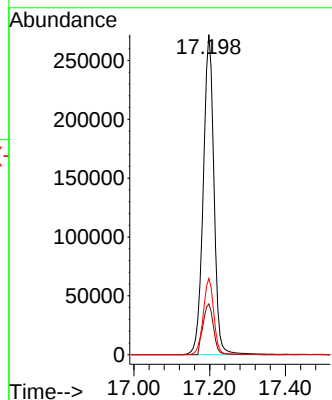
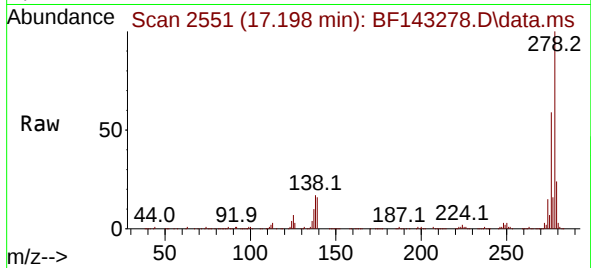




#91
 Dibenzo(a,h)anthracene
 Concen: 45.041 ng
 RT: 17.198 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB169077BS

Tgt Ion:278 Resp: 535886
 Ion Ratio Lower Upper
 278 100
 139 15.9 14.1 21.1
 279 23.8 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 45.291 ng
 RT: 17.645 min Scan# 2627
 Delta R.T. 0.018 min
 Lab File: BF143278.D
 Acq: 01 Aug 2025 13:03

Tgt Ion:276 Resp: 521256
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.1 28.7
 138 22.3 18.9 28.3

