

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	125960	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486402	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	269911	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	472445	20.000	ng	0.00
76) Chrysene-d12	14.063	240	292935	20.000	ng	0.00
86) Perylene-d12	15.539	264	279333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	690361	87.034	ng	0.00
7) Phenol-d6	6.504	99	807661	85.425	ng	-0.01
23) Nitrobenzene-d5	7.445	82	698122	87.200	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	229593	85.402	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1292253	75.968	ng	0.00
79) Terphenyl-d14	13.004	244	1469688	85.746	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	167339	45.590	ng	96
3) Pyridine	3.410	79	470946	44.073	ng	98
4) n-Nitrosodimethylamine	3.357	42	245777	43.724	ng	99
6) Aniline	6.545	93	612125	43.206	ng	100
8) 2-Chlorophenol	6.663	128	336064	43.343	ng	100
9) Benzaldehyde	6.434	77	344173	47.190	ng	98
10) Phenol	6.516	94	512320	45.325	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	374431	42.883	ng	99
12) 1,3-Dichlorobenzene	6.822	146	386003	41.590	ng	99
13) 1,4-Dichlorobenzene	6.898	146	389937	42.592	ng	100
14) 1,2-Dichlorobenzene	7.051	146	371504	42.365	ng	100
15) Benzyl Alcohol	7.022	79	307662	43.431	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849970	42.766	ng	99
17) 2-Methylphenol	7.128	107	276336	43.125	ng	99
18) Hexachloroethane	7.398	117	132229	43.308	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	264400	40.855	ng	99
20) 3+4-Methylphenols	7.281	107	324012	43.628	ng	99
22) Acetophenone	7.293	105	430827	41.890	ng	99
24) Nitrobenzene	7.463	77	390583	43.931	ng	98
25) Isophorone	7.704	82	708842	41.991	ng	99
26) 2-Nitrophenol	7.781	139	166507	43.683	ng	100
27) 2,4-Dimethylphenol	7.810	122	302712	44.148	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	442013	41.451	ng	99
29) 2,4-Dichlorophenol	8.022	162	303675	42.518	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	294414	41.914	ng	99
31) Naphthalene	8.187	128	930403	42.050	ng	100
32) Benzoic acid	7.916	122	192542	40.574	ng	93
33) 4-Chloroaniline	8.234	127	350152	42.195	ng	99
34) Hexachlorobutadiene	8.304	225	210381	43.101	ng	99
35) Caprolactam	8.604	113	98848	43.527	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	294116	42.870	ng	98
37) 2-Methylnaphthalene	8.881	142	609199	41.333	ng	99
38) 1-Methylnaphthalene	8.981	142	587648	41.105	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	309244	41.454	ng	99
41) Hexachlorocyclopentadiene	9.034	237	131730	42.564	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231235	42.423	ng	96

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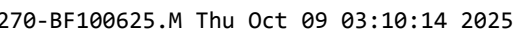
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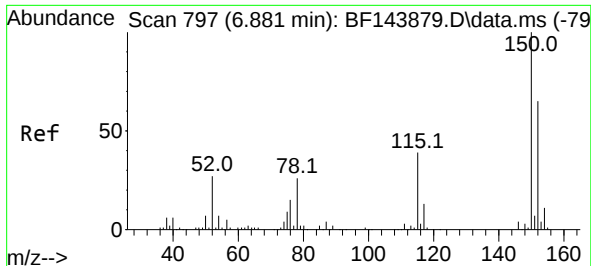
Quant Time: Oct 08 10:41:51 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	234730	40.751	ng	98
46) 1,1'-Biphenyl	9.345	154	736853	41.233	ng	100
47) 2-Chloronaphthalene	9.369	162	619098	41.551	ng	98
48) 2-Nitroaniline	9.463	65	212517	45.114	ng	98
49) Acenaphthylene	9.786	152	883075	42.158	ng	100
50) Dimethylphthalate	9.639	163	715543	41.746	ng	99
51) 2,6-Dinitrotoluene	9.704	165	143448	45.132	ng	95
52) Acenaphthene	9.957	154	565291	41.185	ng	99
53) 3-Nitroaniline	9.875	138	172795	44.400	ng	98
54) 2,4-Dinitrophenol	9.981	184	62208	35.918	ng	98
55) Dibenzofuran	10.134	168	802029	41.394	ng	100
56) 4-Nitrophenol	10.028	139	132028	44.805	ng	97
57) 2,4-Dinitrotoluene	10.110	165	198021	45.790	ng	99
58) Fluorene	10.475	166	593723	40.611	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	177212	43.461	ng	# 98
60) Diethylphthalate	10.345	149	680061	42.707	ng	100
61) 4-Chlorophenyl-phenylether	10.469	204	316950	41.005	ng	100
62) 4-Nitroaniline	10.492	138	166030	44.364	ng	97
63) Azobenzene	10.628	77	701871	42.174	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	98474	41.478	ng	96
66) n-Nitrosodiphenylamine	10.586	169	609002	41.053	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	208885	40.007	ng	96
68) Hexachlorobenzene	11.022	284	247319	40.915	ng	99
69) Atrazine	11.110	200	185337	41.221	ng	99
70) Pentachlorophenol	11.216	266	144078	41.501	ng	98
71) Phenanthrene	11.439	178	927059	40.475	ng	100
72) Anthracene	11.492	178	954456	41.249	ng	99
73) Carbazole	11.645	167	845876	41.276	ng	100
74) Di-n-butylphthalate	11.975	149	1019853	42.939	ng	99
75) Fluoranthene	12.633	202	994203	42.023	ng	100
77) Benzidine	12.751	184	443056	43.559	ng	97
78) Pyrene	12.863	202	1029051	42.137	ng	100
80) Butylbenzylphthalate	13.480	149	354629	44.712	ng	100
81) Benzo(a)anthracene	14.051	228	786049	41.005	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	244496	41.852	ng	98
83) Chrysene	14.092	228	754633	42.533	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	418492	43.772	ng	99
85) Di-n-octyl phthalate	14.657	149	661312	42.113	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	746842	43.634	ng	99
88) Benzo(b)fluoranthene	15.110	252	666065	41.510	ng	99
89) Benzo(k)fluoranthene	15.139	252	671860	45.251	ng	98
90) Benzo(a)pyrene	15.480	252	611488	43.950	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	603140	43.815	ng	99
92) Benzo(g,h,i)perylene	17.492	276	599979	43.585	ng	98

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

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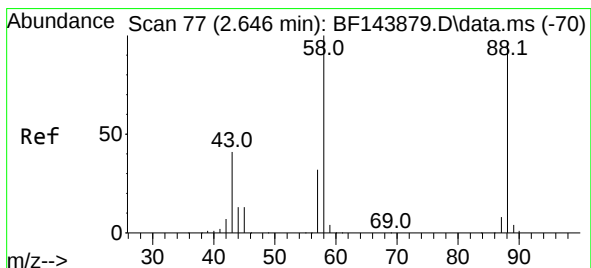
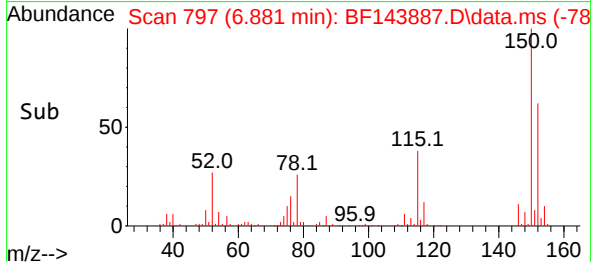
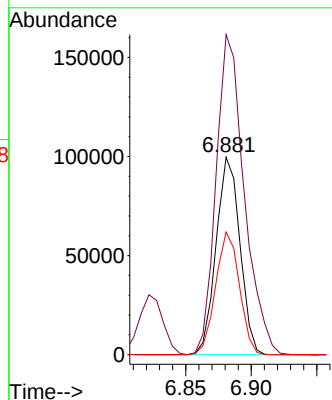
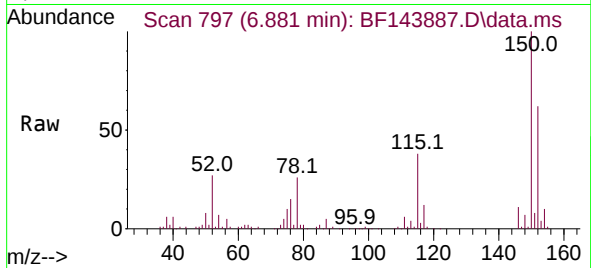




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

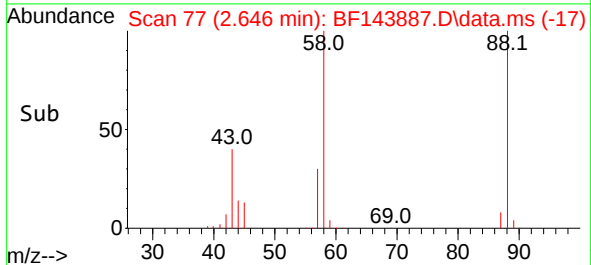
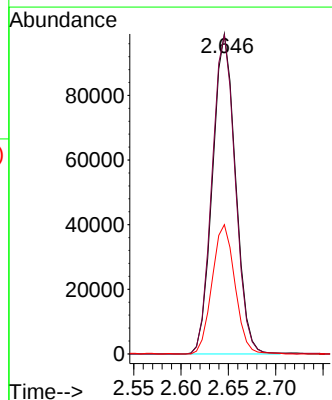
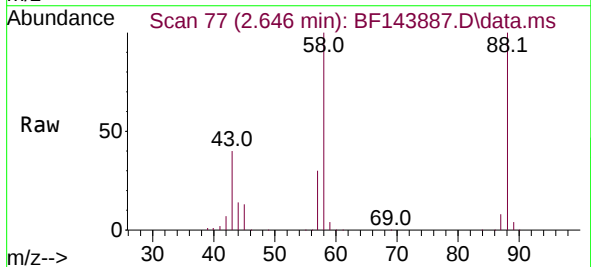
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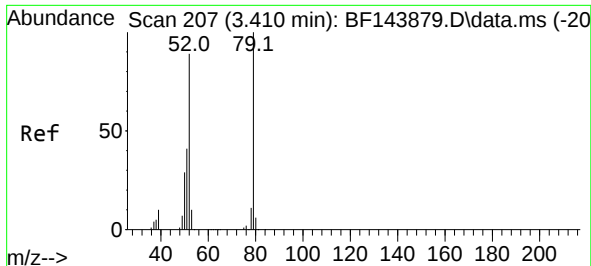
Tgt Ion:152 Resp: 125960
 Ion Ratio Lower Upper
 152 100
 150 162.1 124.4 186.6
 115 62.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 45.590 ng
 RT: 2.646 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

Tgt Ion: 88 Resp: 167339
 Ion Ratio Lower Upper
 88 100
 58 100.2 83.0 124.6
 43 40.0 33.9 50.9

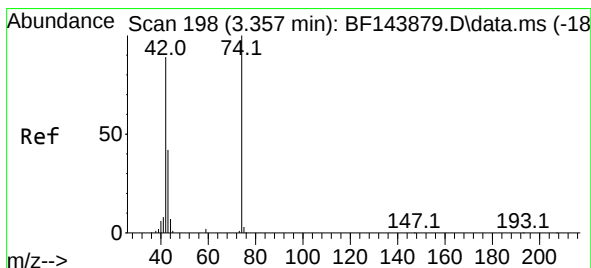
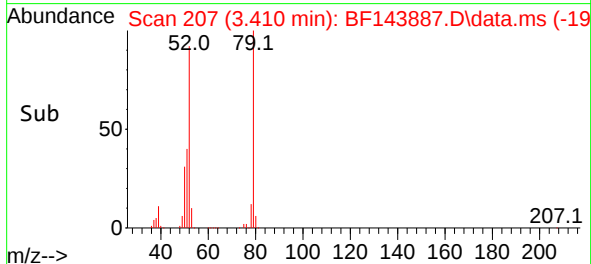
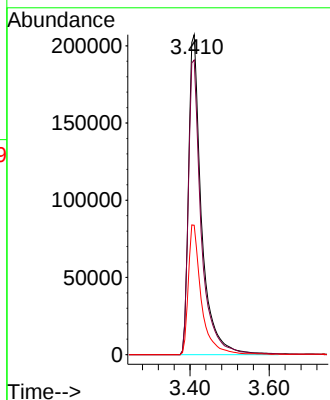
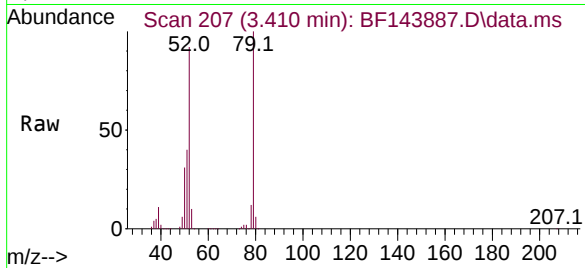




#3
 Pyridine
 Concen: 44.073 ng
 RT: 3.410 min Scan# 207
 Delta R.T. -0.006 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

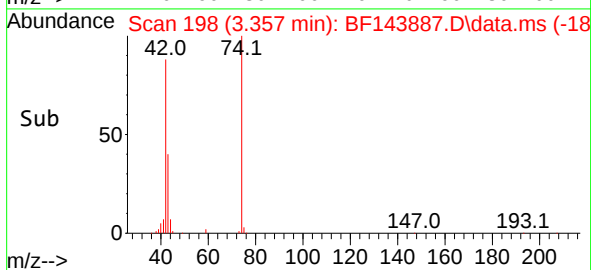
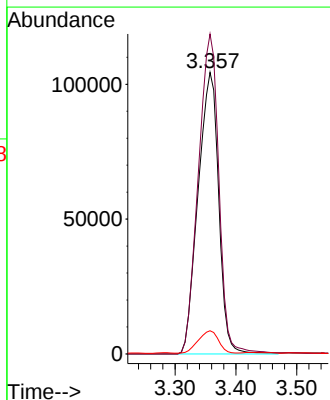
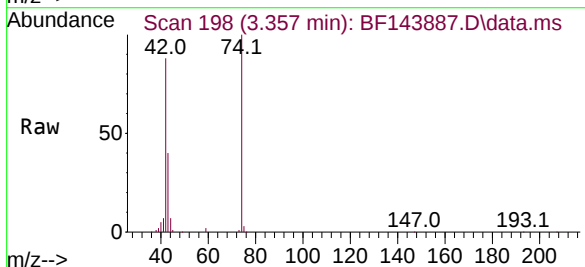
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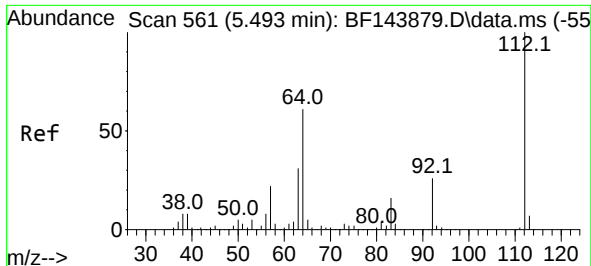
Tgt Ion: 79 Resp: 470946
 Ion Ratio Lower Upper
 79 100
 52 92.1 71.5 107.3
 51 40.4 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 43.724 ng
 RT: 3.357 min Scan# 198
 Delta R.T. -0.029 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

Tgt Ion: 42 Resp: 245777
 Ion Ratio Lower Upper
 42 100
 74 113.7 90.0 135.0
 44 8.2 6.2 9.2

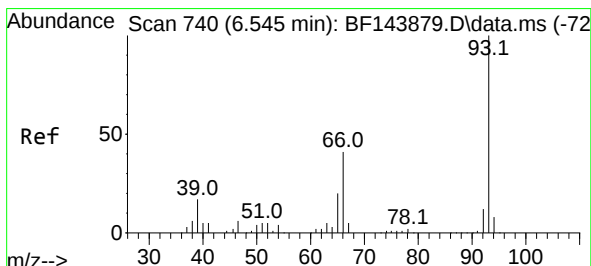
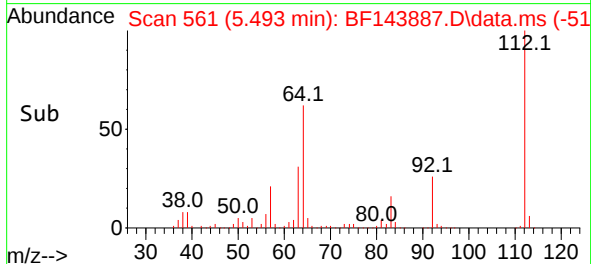
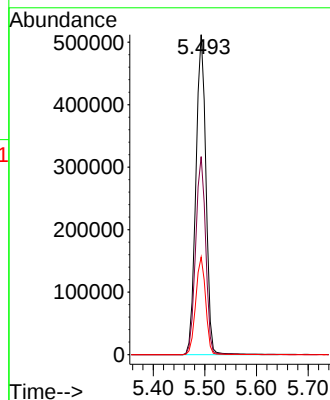
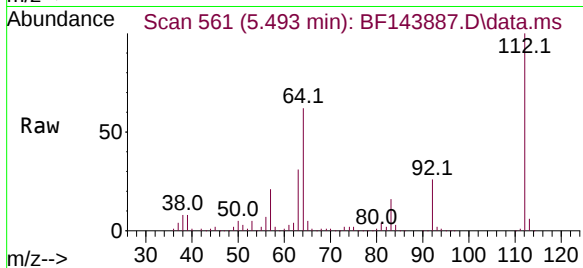




#5
2-Fluorophenol
Concen: 87.034 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

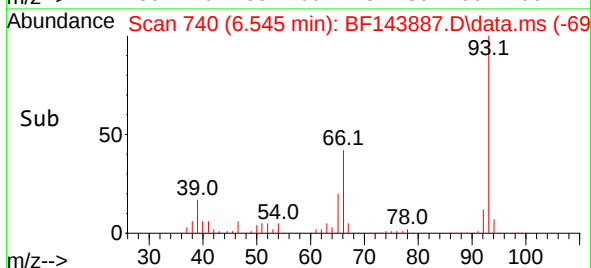
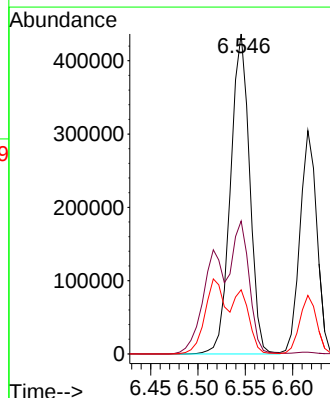
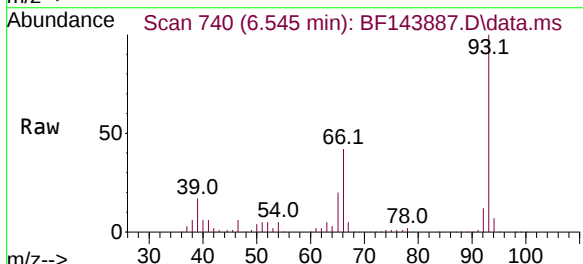
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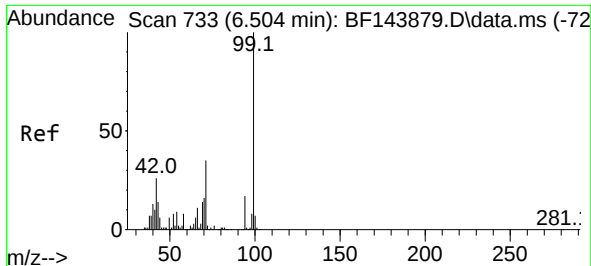
Tgt Ion:112 Resp: 690361
Ion Ratio Lower Upper
112 100
64 61.9 49.1 73.7
63 30.5 24.5 36.7



#6
Aniline
Concen: 43.206 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 93 Resp: 612125
Ion Ratio Lower Upper
93 100
66 41.5 33.0 49.6
65 20.1 15.8 23.8

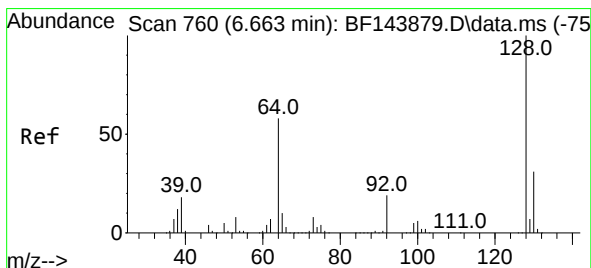
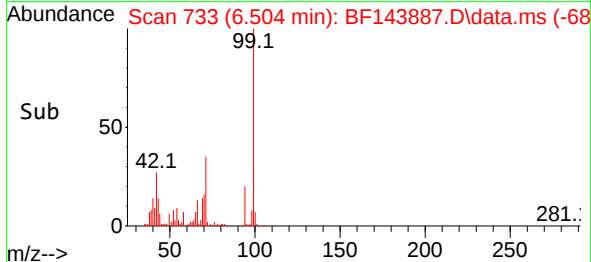
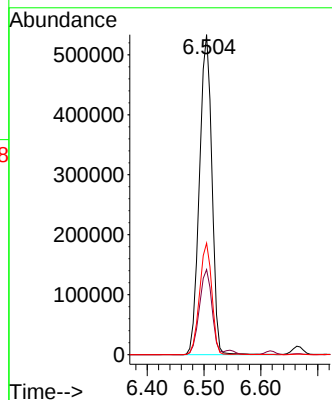
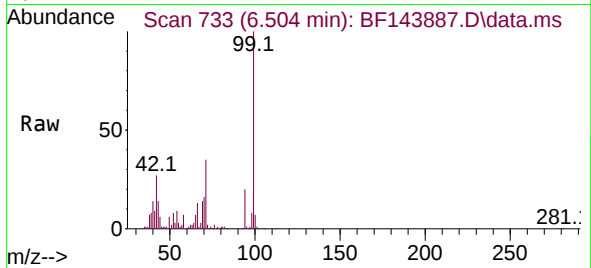




#7
Phenol-d6
Concen: 85.425 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

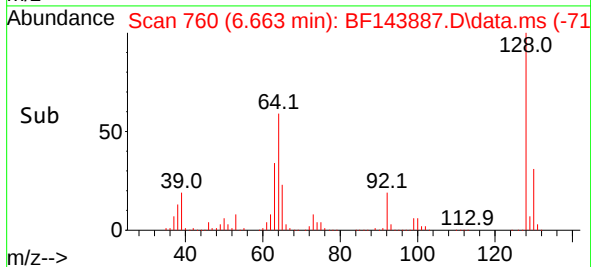
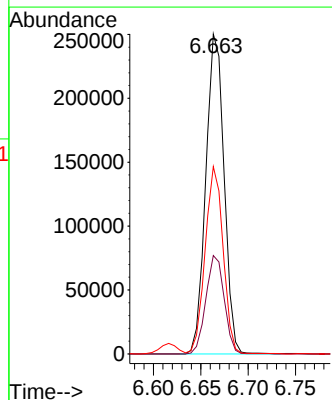
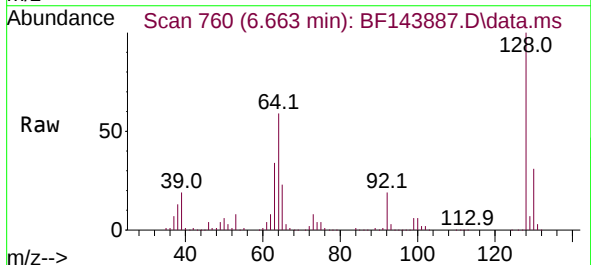
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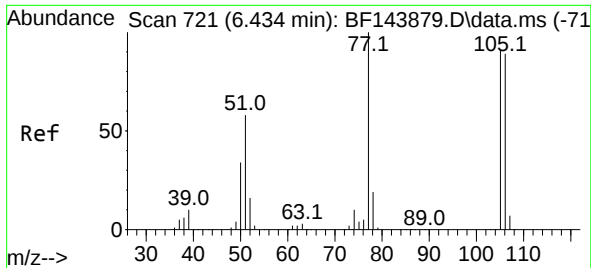
Tgt Ion: 99 Resp: 807661
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 34.8 27.8 41.8



#8
2-Chlorophenol
Concen: 43.343 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 128 Resp: 336064
Ion Ratio Lower Upper
128 100
130 30.8 10.7 50.7
64 58.5 39.0 79.0





#9

Benzaldehyde

Concen: 47.190 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

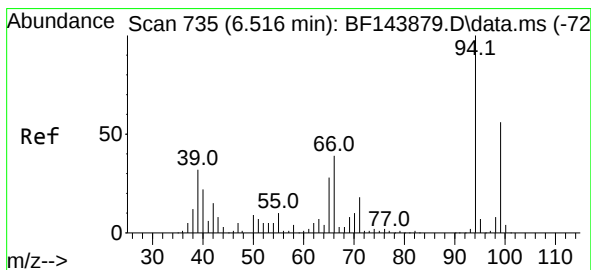
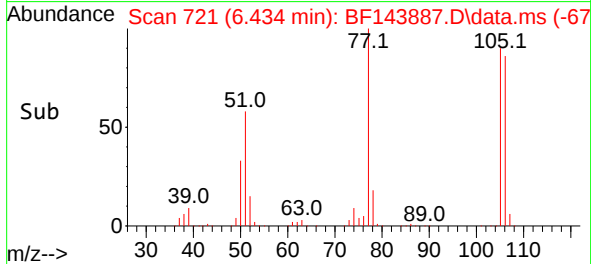
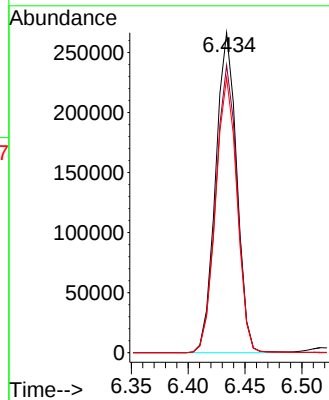
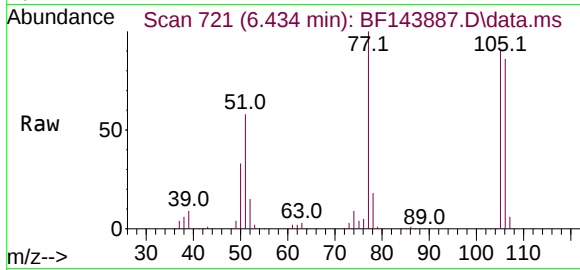
Tgt Ion: 77 Resp: 344173

Ion Ratio Lower Upper

77 100

105 89.8 70.9 110.9

106 85.9 68.9 108.9



#10

Phenol

Concen: 45.325 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.017 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

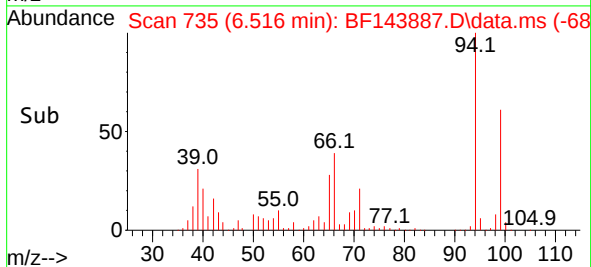
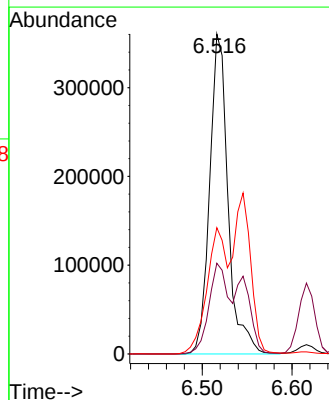
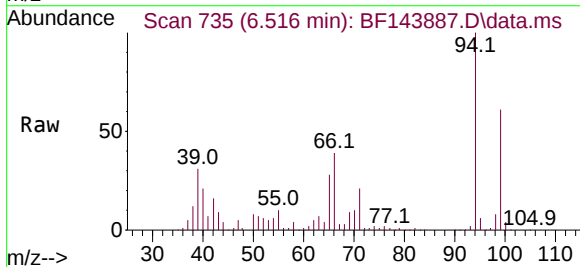
Tgt Ion: 94 Resp: 512320

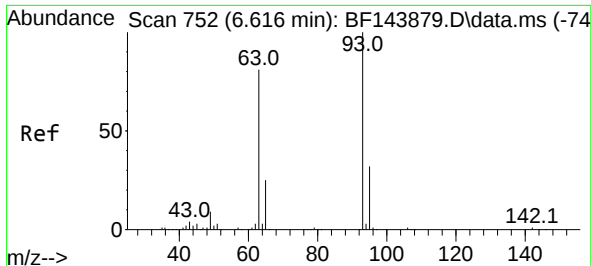
Ion Ratio Lower Upper

94 100

65 28.3 8.5 48.5

66 39.4 19.9 59.9

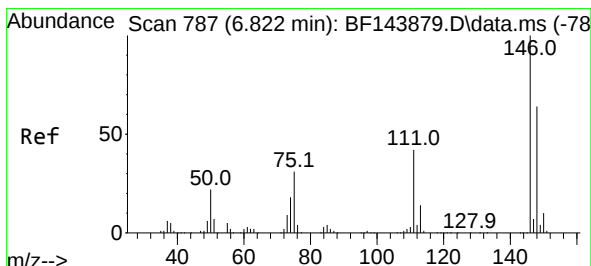
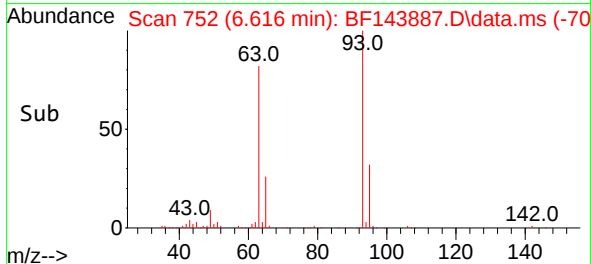
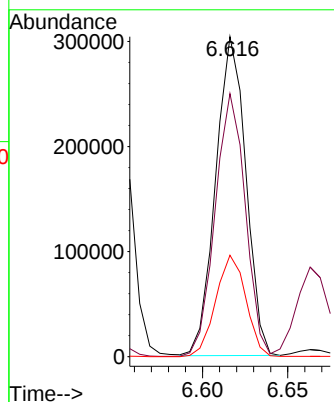
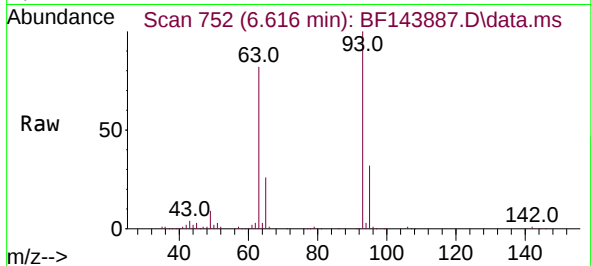




#11
bis(2-Chloroethyl)ether
Concen: 42.883 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

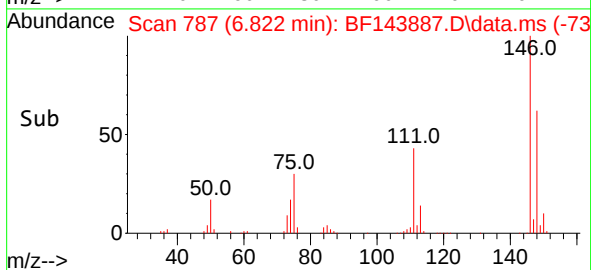
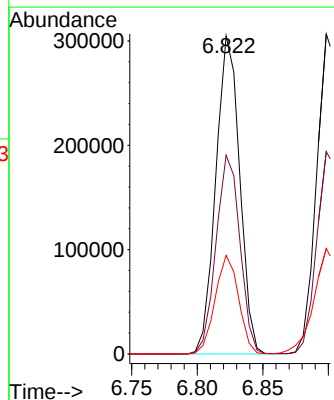
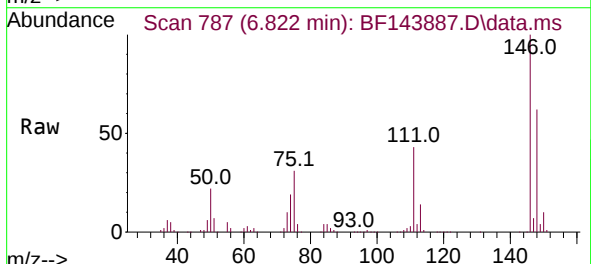
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

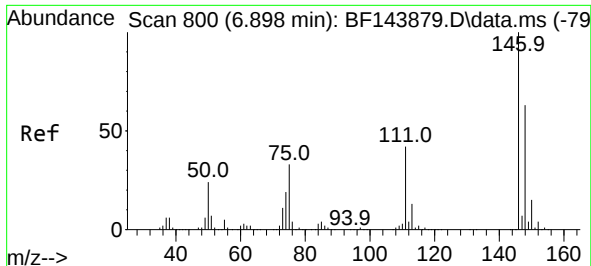
Tgt Ion: 93 Resp: 374431
Ion Ratio Lower Upper
93 100
63 82.2 60.9 100.9
95 31.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.590 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:146 Resp: 386003
Ion Ratio Lower Upper
146 100
148 62.4 51.0 76.4
75 31.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 42.592 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

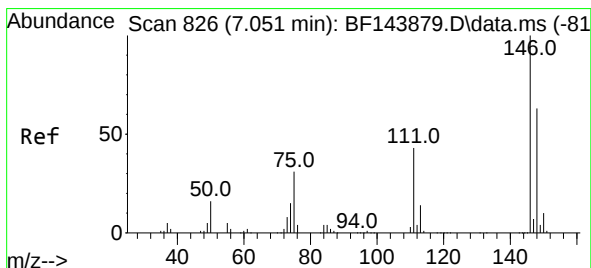
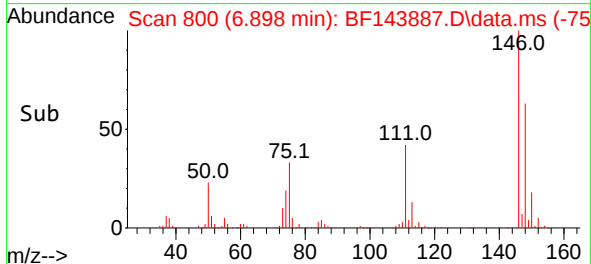
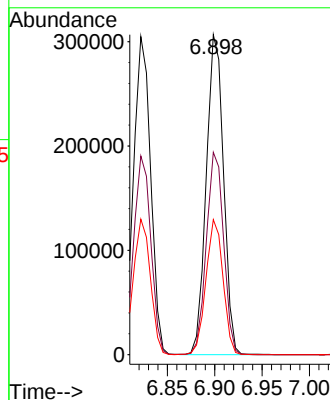
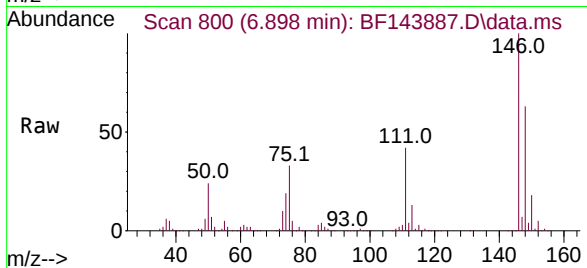
Tgt Ion:146 Resp: 389937

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 42.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 42.365 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

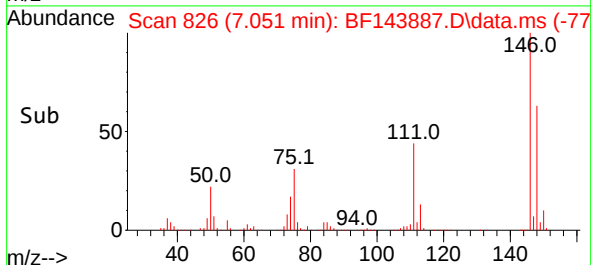
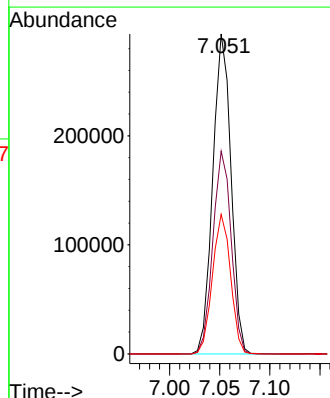
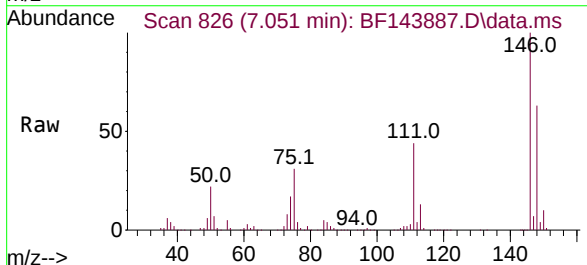
Tgt Ion:146 Resp: 371504

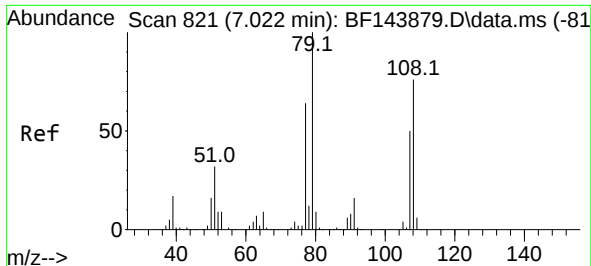
Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

111 43.6 34.6 51.8

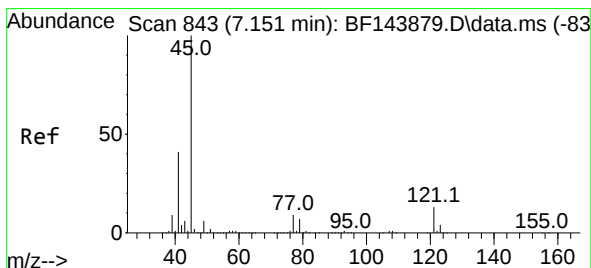
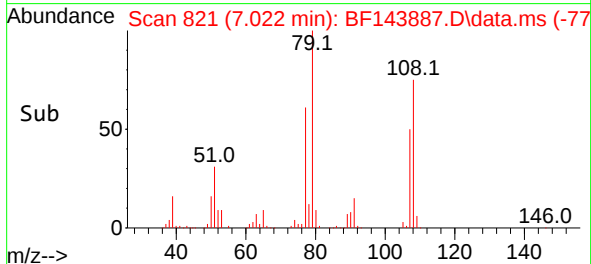
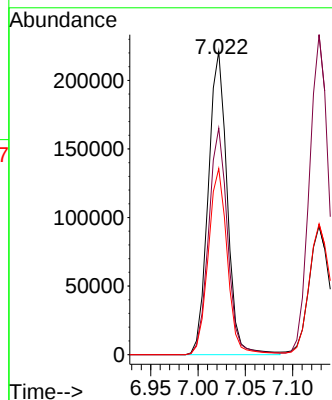
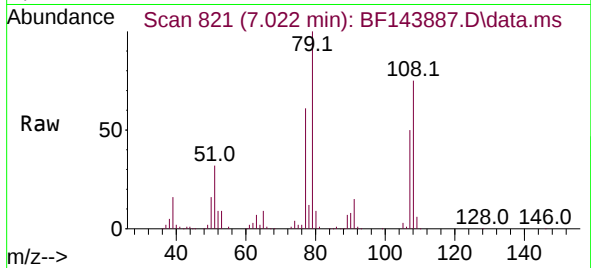




#15
Benzyl Alcohol
Concen: 43.431 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

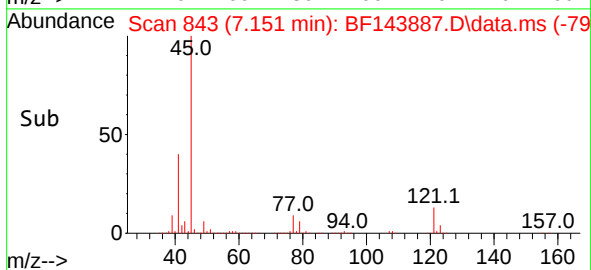
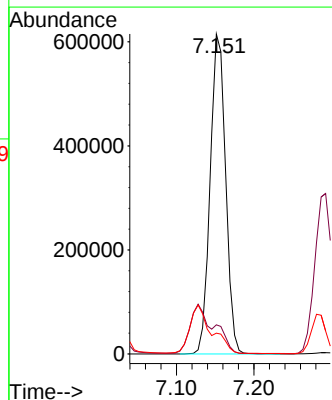
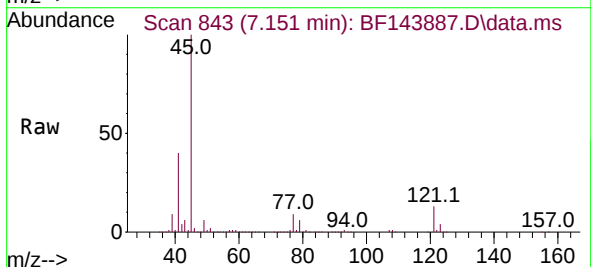
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

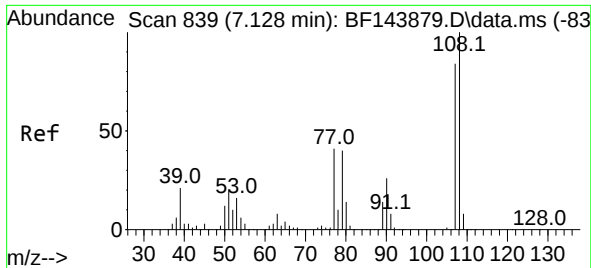
Tgt Ion: 79 Resp: 307662
Ion Ratio Lower Upper
79 100
108 74.7 60.8 91.2
77 61.4 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.766 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 45 Resp: 849970
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 6.5 0.0 26.8

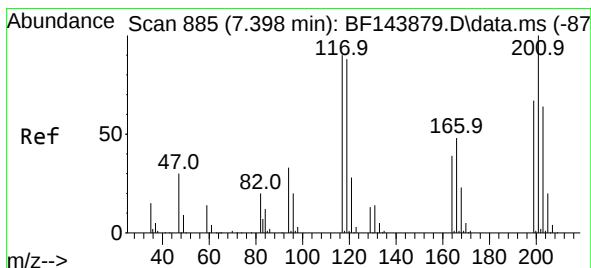
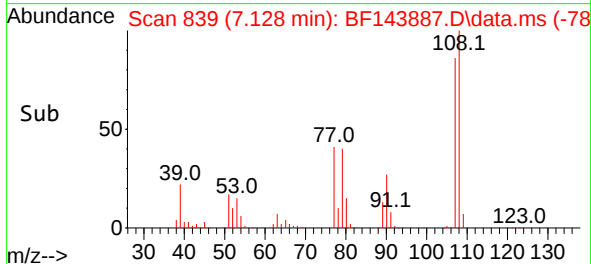
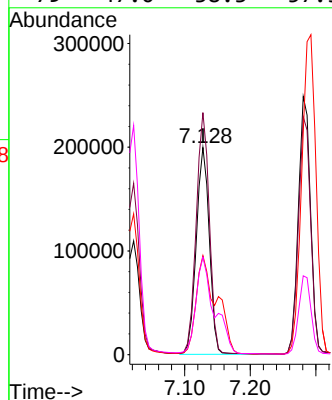
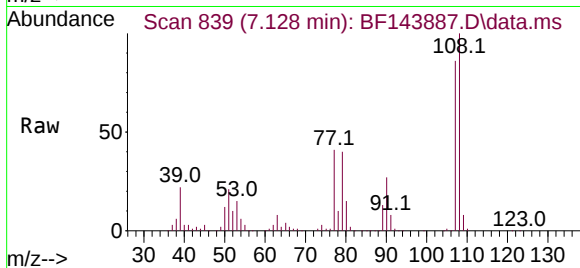




#17
2-Methylphenol
Concen: 43.125 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

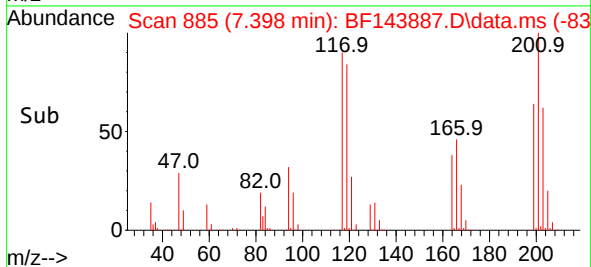
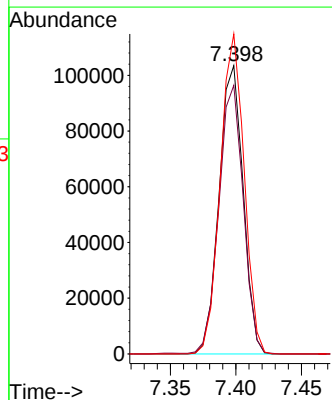
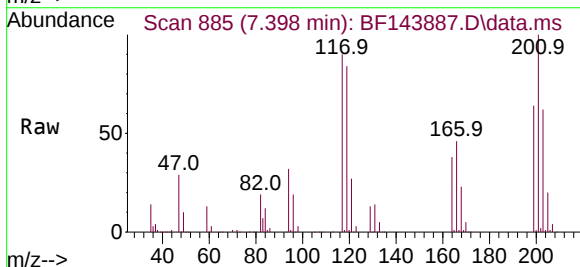
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

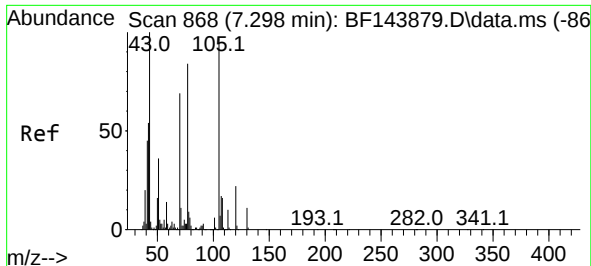
Tgt Ion:	107	Resp:	276336
Ion	Ratio	Lower	Upper
107	100		
108	116.8	94.7	142.1
77	47.8	38.8	58.2
79	47.0	38.3	57.5



#18
Hexachloroethane
Concen: 43.308 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:	117	Resp:	132229
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.8	116.8
201	111.0	88.5	132.7



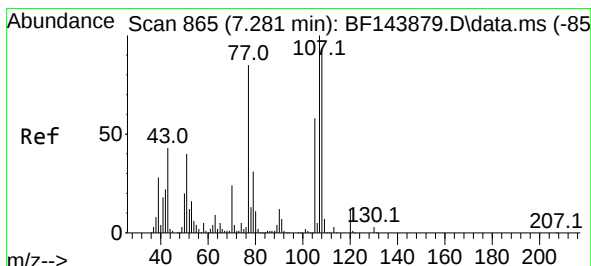
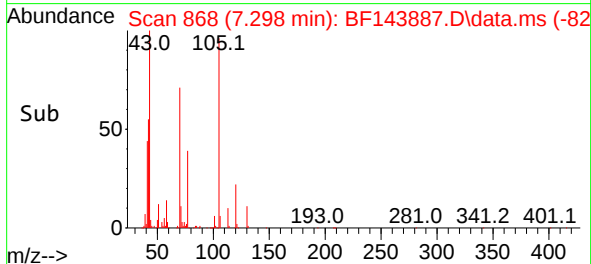
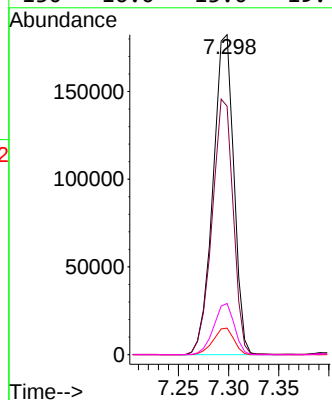
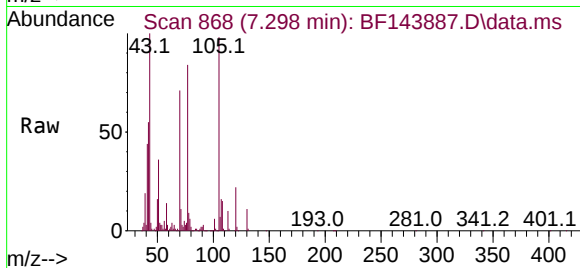


#19
n-Nitroso-di-n-propylamine
Concen: 40.855 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 264400

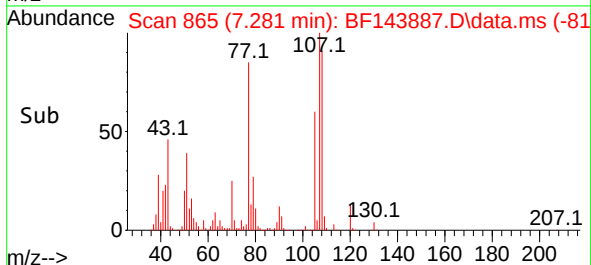
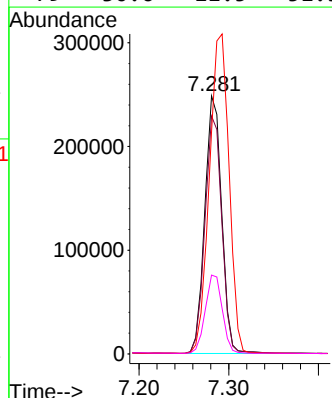
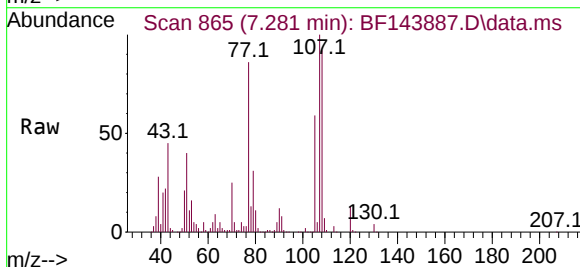
Ion	Ratio	Lower	Upper
70	100		
42	77.6	62.8	94.2
101	8.3	6.7	10.1
130	16.0	13.0	19.4

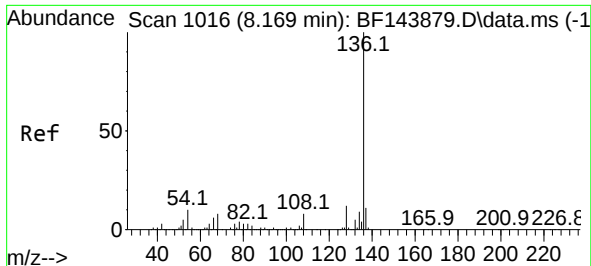


#20
3+4-Methylphenols
Concen: 43.628 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 107 Resp: 324012

Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.0	113.0
77	86.2	64.6	104.6
79	30.6	11.5	51.5



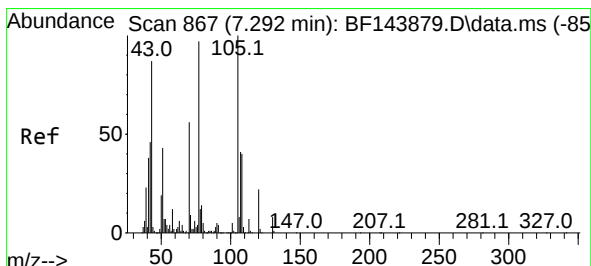
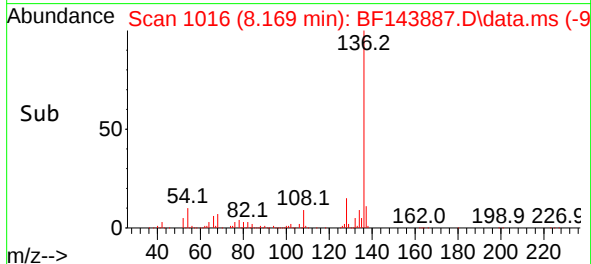
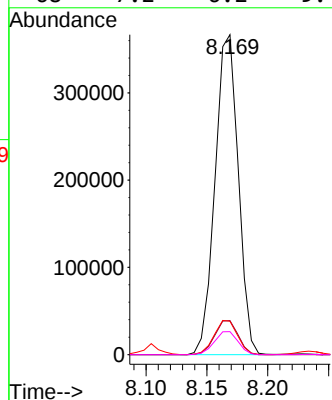
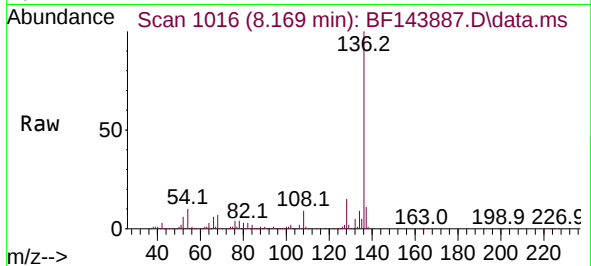


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 486402

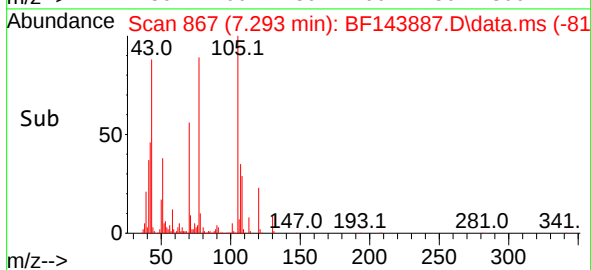
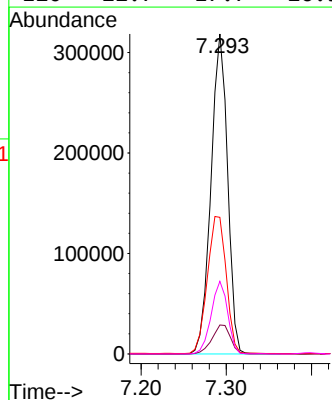
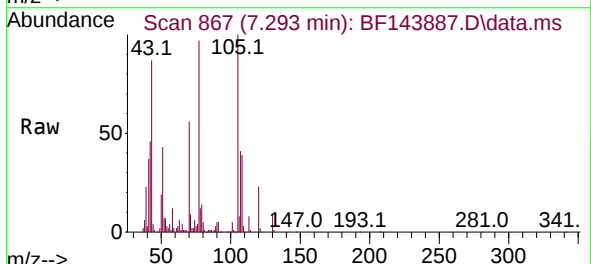
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.4	8.2	12.4
68	7.2	6.2	9.4

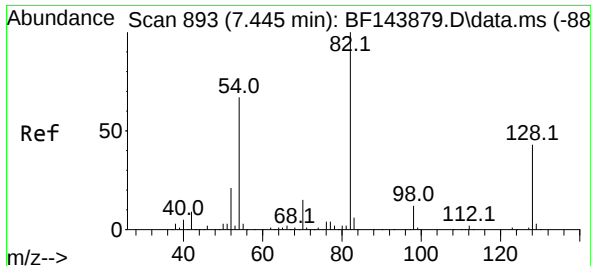


#22
Acetophenone
Concen: 41.890 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:105 Resp: 430827

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.4	11.0
51	42.7	34.2	51.4
120	22.7	17.7	26.5





#23

Nitrobenzene-d5

Concen: 87.200 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

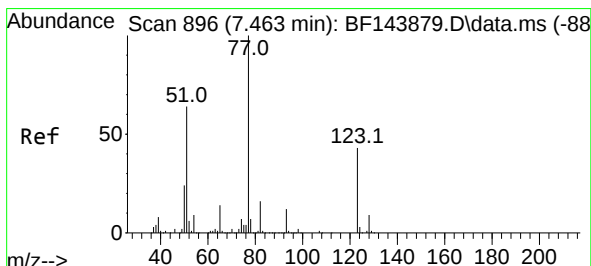
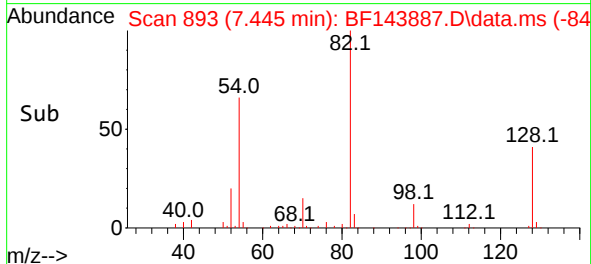
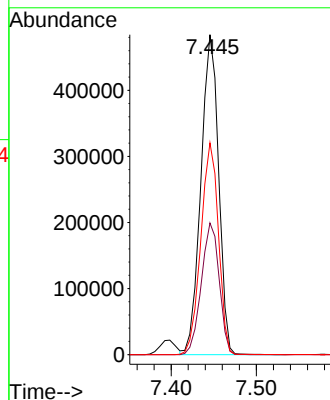
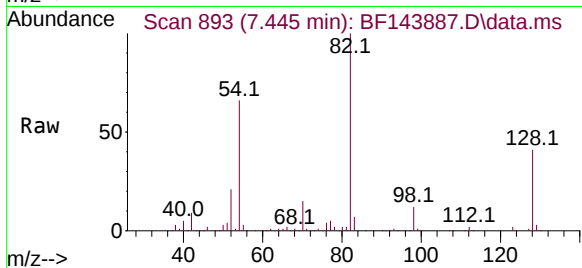
Tgt Ion: 82 Resp: 698122

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 66.2 53.2 79.8



#24

Nitrobenzene

Concen: 43.931 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

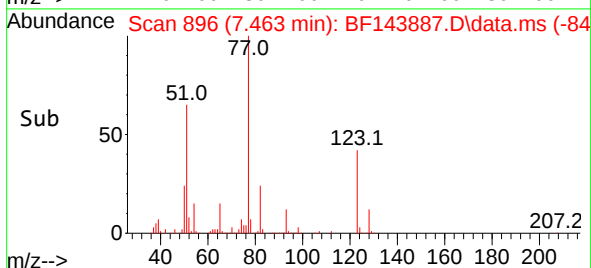
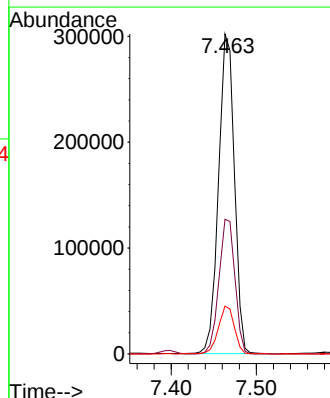
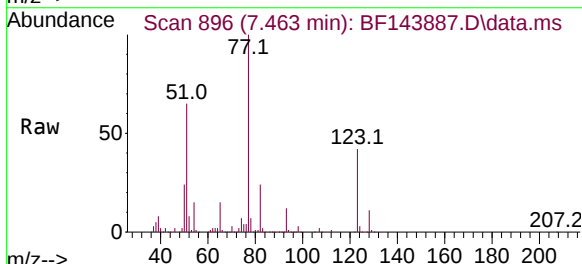
Tgt Ion: 77 Resp: 390583

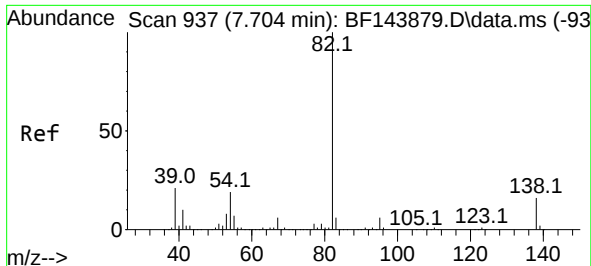
Ion Ratio Lower Upper

77 100

123 42.1 34.2 51.4

65 14.9 11.0 16.6

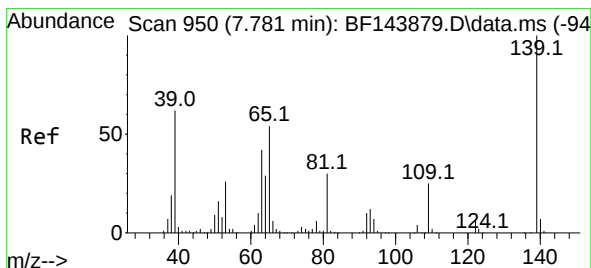
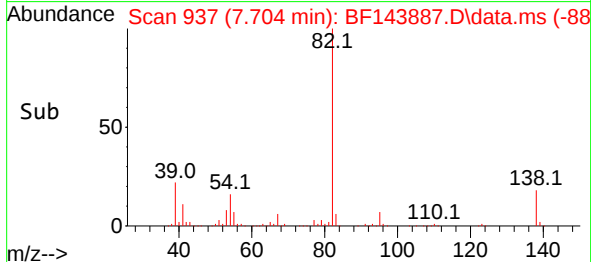
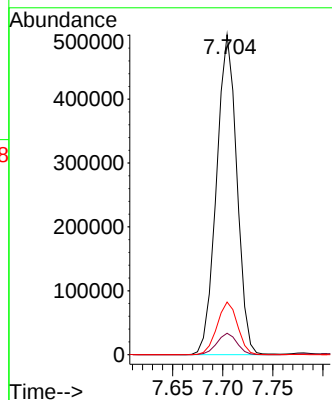
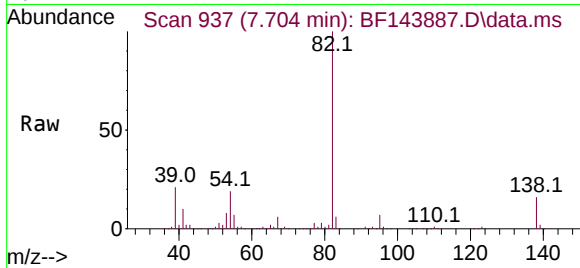




#25
Isophorone
Concen: 41.991 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

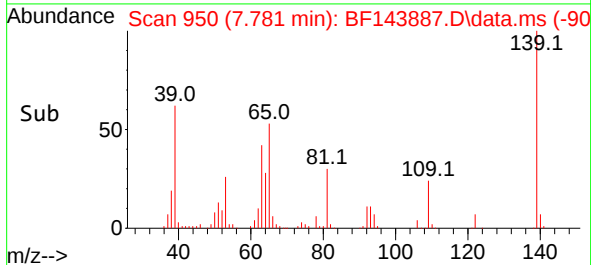
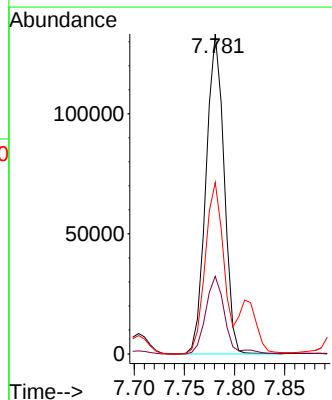
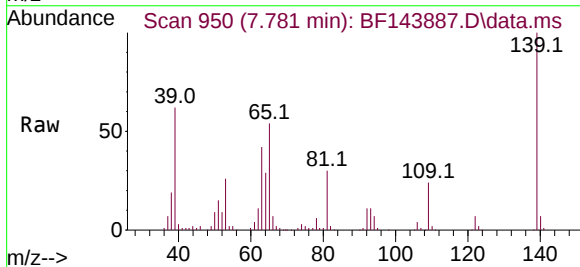
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

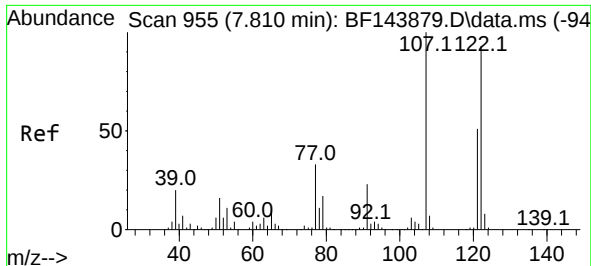
Tgt Ion: 82 Resp: 708842
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 43.683 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:139 Resp: 166507
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.6
65 53.6 42.9 64.3

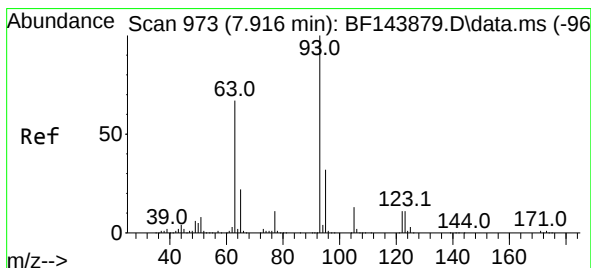
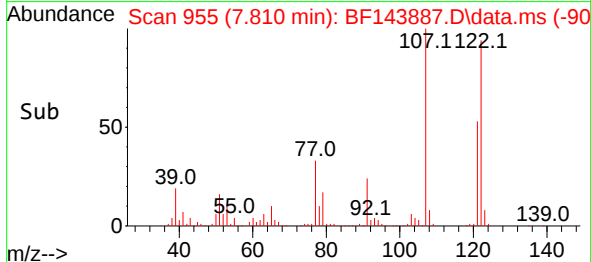
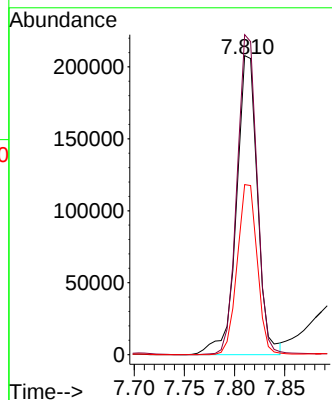
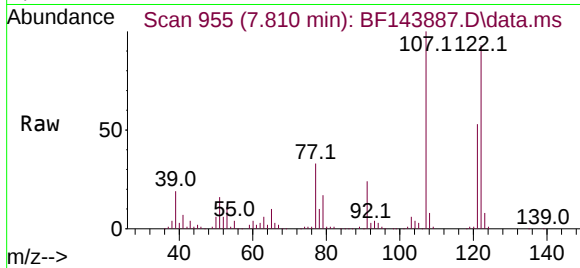




#27
2,4-Dimethylphenol
Concen: 44.148 ng
RT: 7.810 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

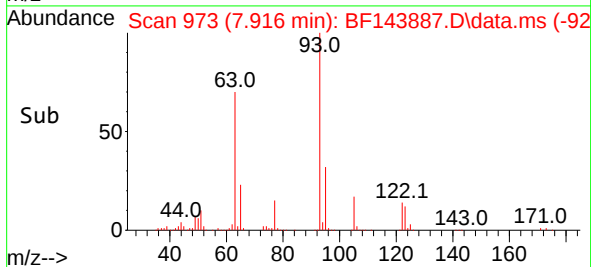
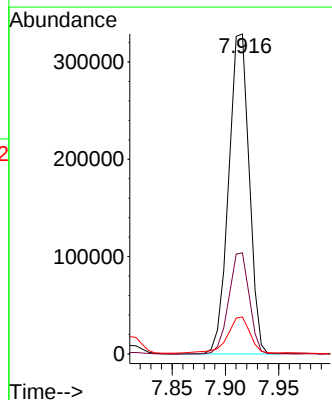
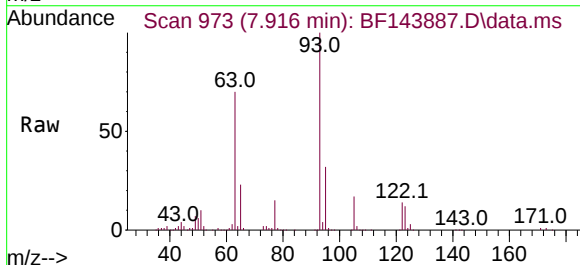
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

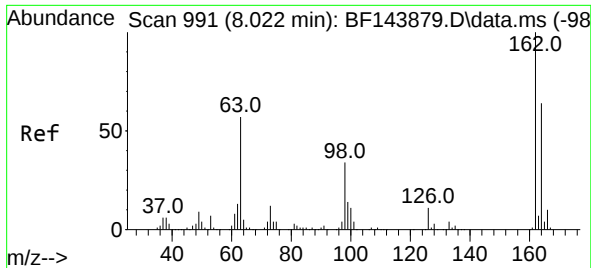
Tgt Ion:122 Resp: 302712
Ion Ratio Lower Upper
122 100
107 107.0 86.1 129.1
121 56.9 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.451 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 93 Resp: 442013
Ion Ratio Lower Upper
93 100
95 31.6 25.9 38.9
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.518 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

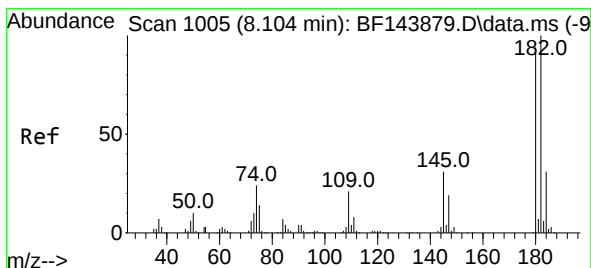
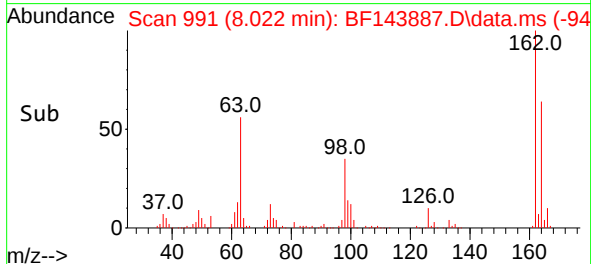
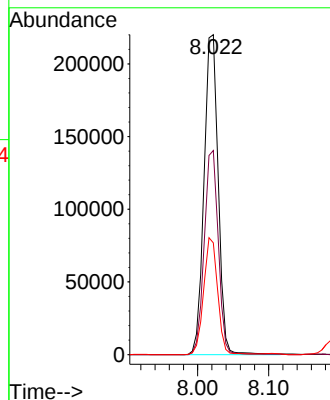
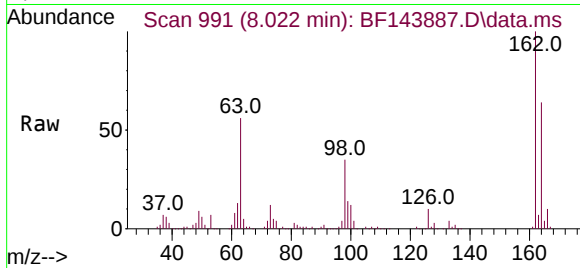
Tgt Ion:162 Resp: 303675

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 34.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 41.914 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

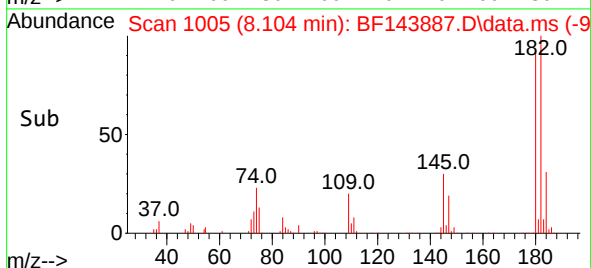
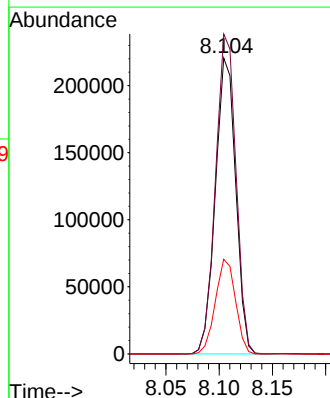
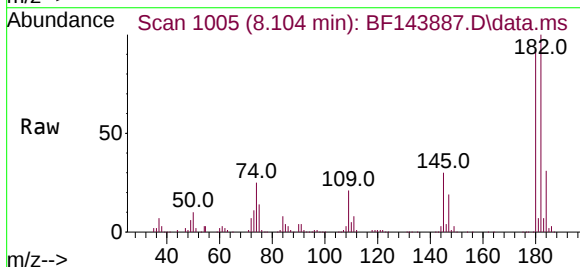
Tgt Ion:180 Resp: 294414

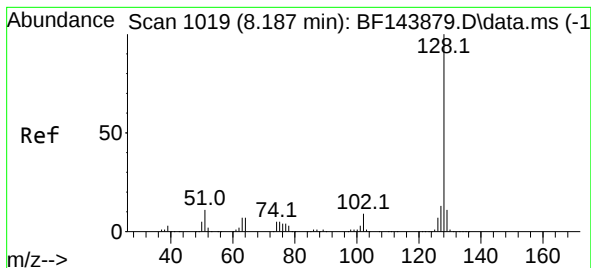
Ion Ratio Lower Upper

180 100

182 108.2 85.4 128.0

145 32.0 26.3 39.5





#31

Naphthalene

Concen: 42.050 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

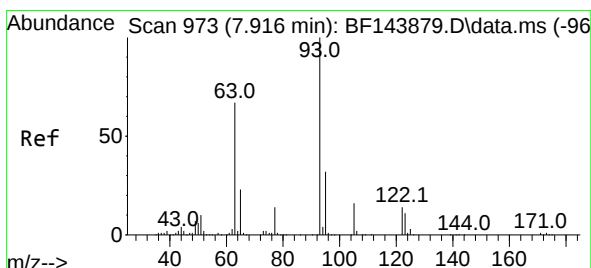
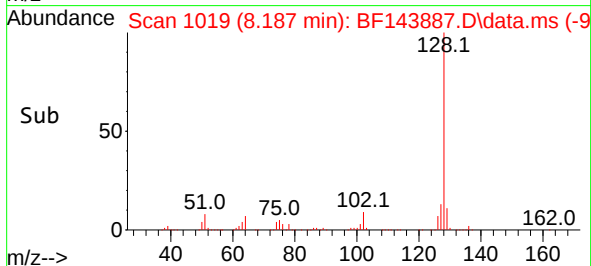
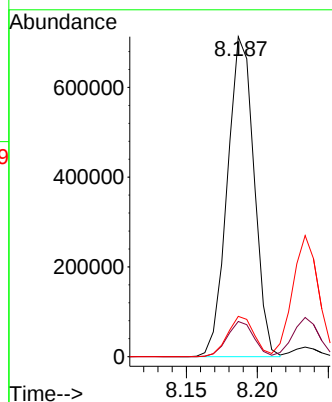
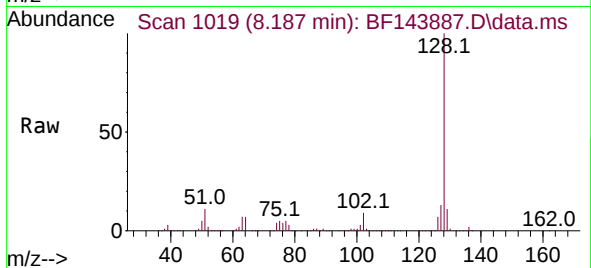
Tgt Ion:128 Resp: 930403

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.6 10.0 15.0



#32

Benzoic acid

Concen: 40.574 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.047 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

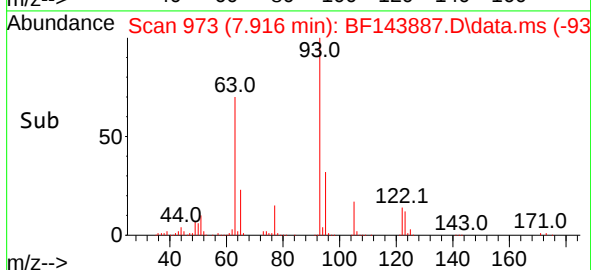
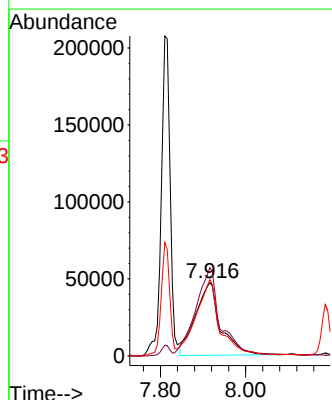
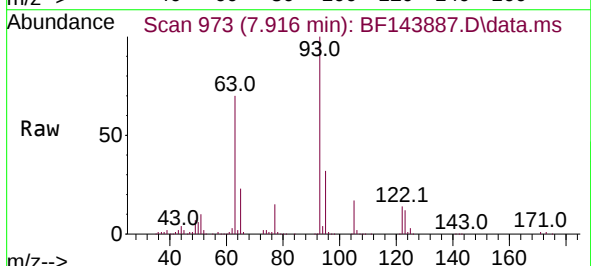
Tgt Ion:122 Resp: 192542

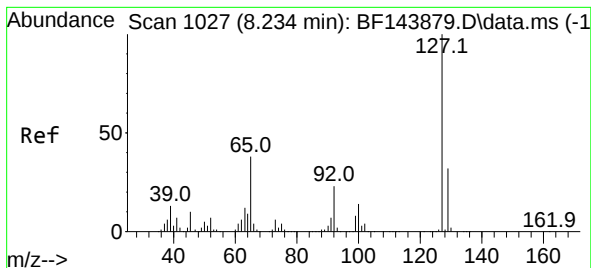
Ion Ratio Lower Upper

122 100

105 120.3 93.5 133.5

77 103.8 76.3 116.3

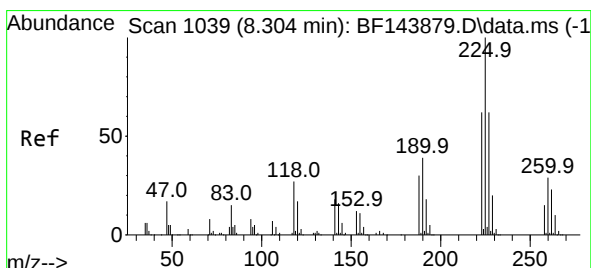
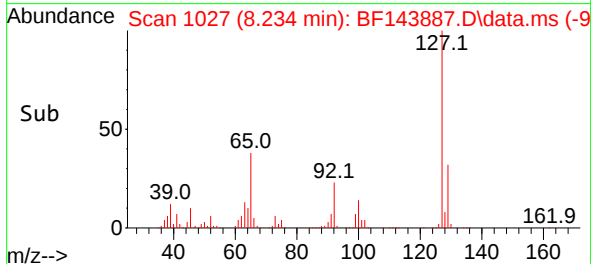
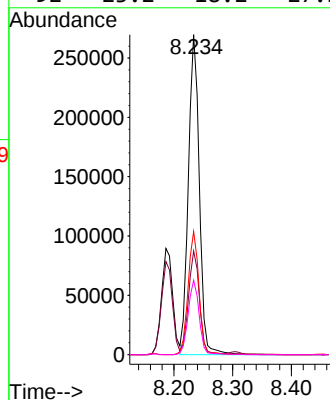
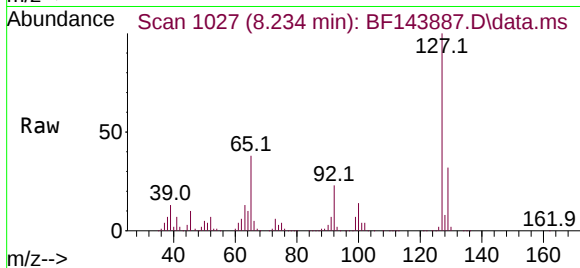




#33
4-Chloroaniline
Concen: 42.195 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

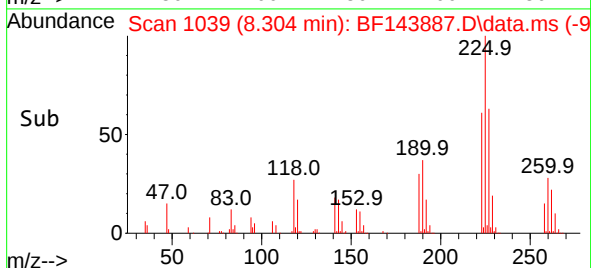
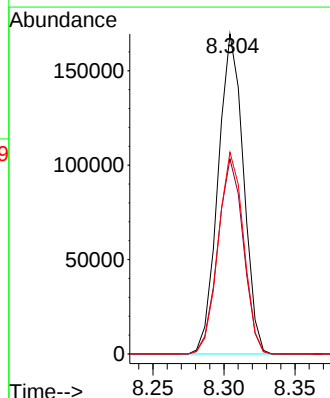
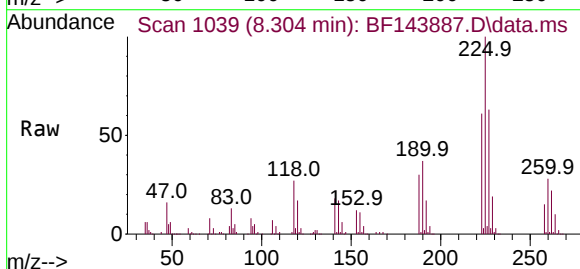
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

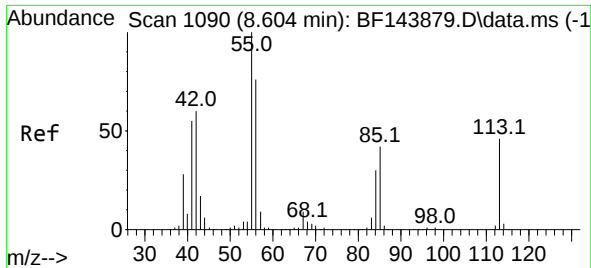
Tgt Ion:	127	Resp:	350152
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.8
65	38.5	30.0	45.0
92	23.2	18.2	27.2



#34
Hexachlorobutadiene
Concen: 43.101 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:	225	Resp:	210381
Ion Ratio	Lower	Upper	
225	100		
223	60.9	49.4	74.2
227	63.0	49.7	74.5

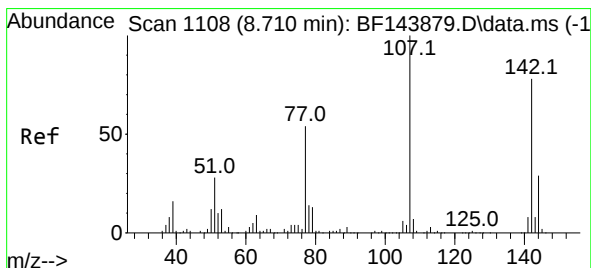
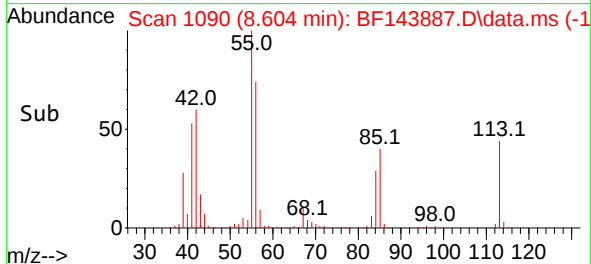
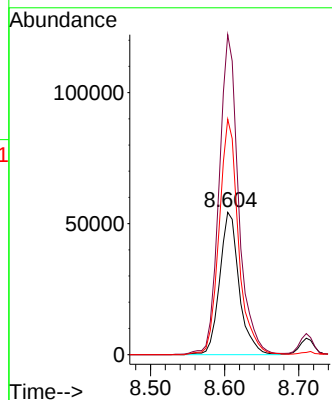
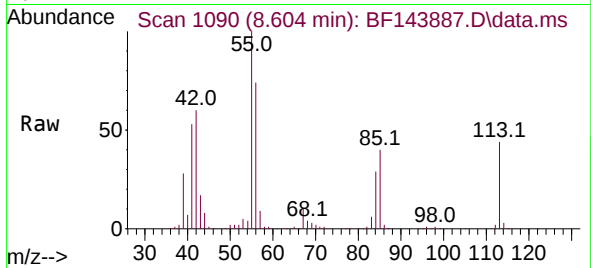




#35
 Caprolactam
 Concen: 43.527 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.041 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

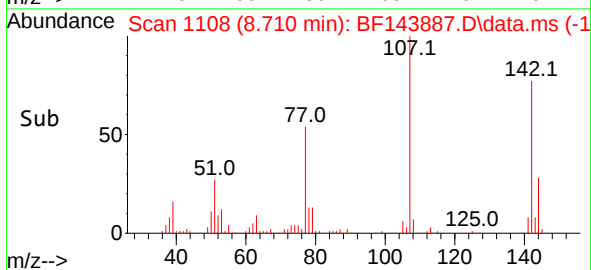
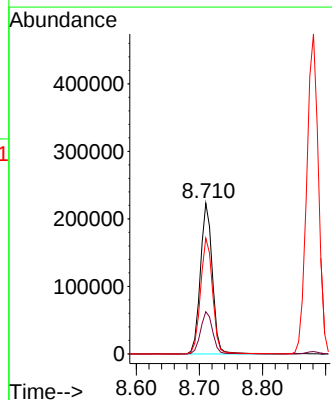
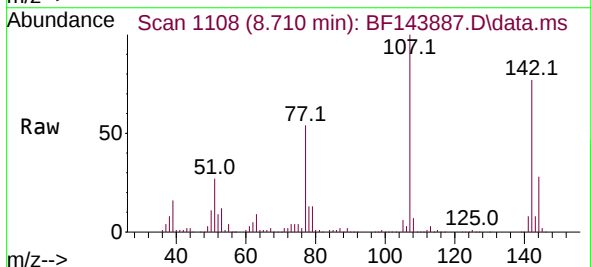
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

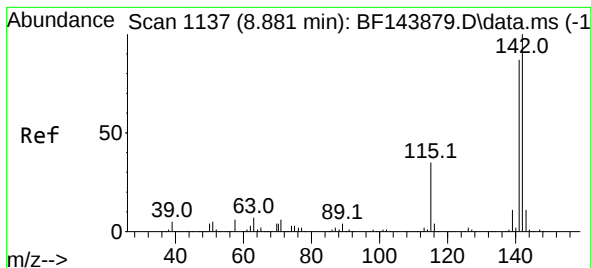
Tgt Ion:113 Resp: 98848
 Ion Ratio Lower Upper
 113 100
 55 224.7 199.6 239.6
 56 165.3 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.870 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

Tgt Ion:107 Resp: 294116
 Ion Ratio Lower Upper
 107 100
 144 28.0 23.1 34.7
 142 76.9 62.6 94.0

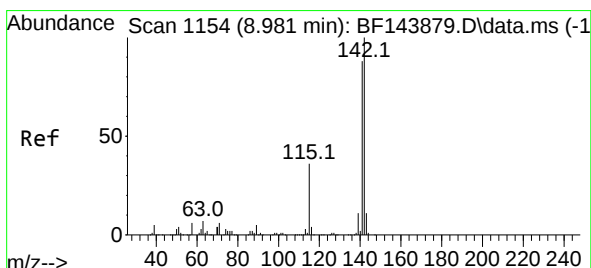
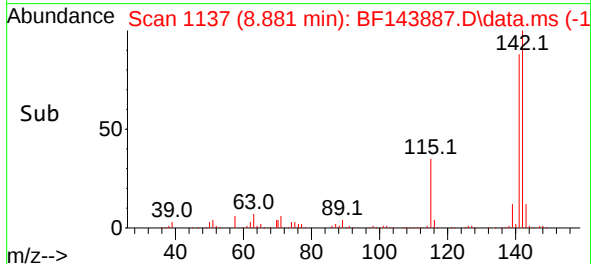
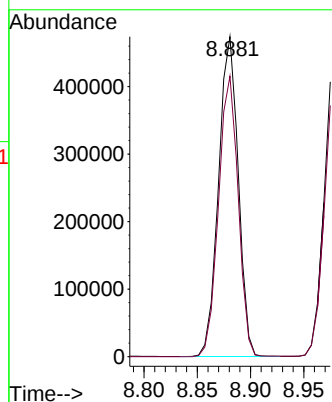
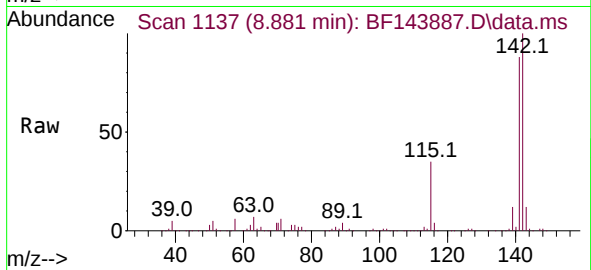




#37
2-Methylnaphthalene
Concen: 41.333 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

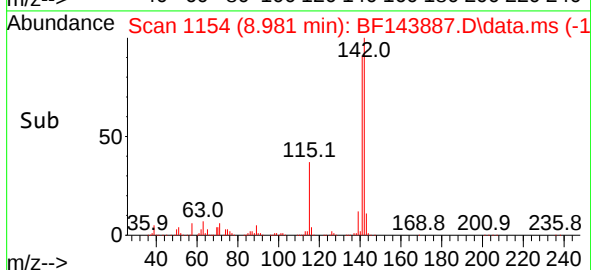
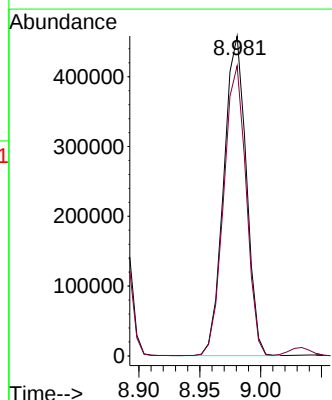
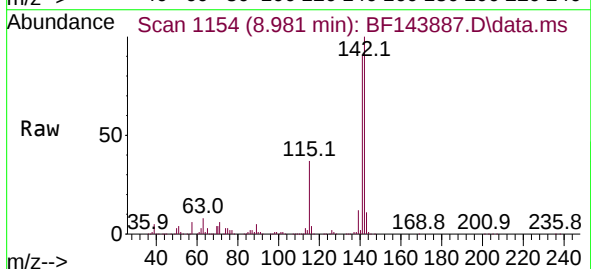
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

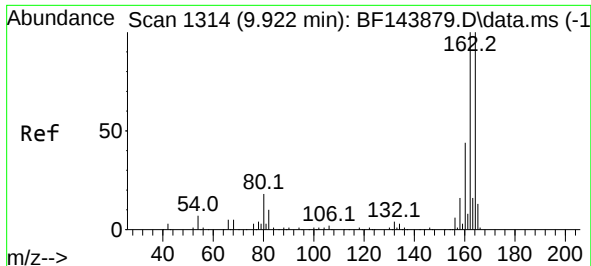
Tgt Ion:142 Resp: 609199
Ion Ratio Lower Upper
142 100
141 87.6 69.2 103.8



#38
1-Methylnaphthalene
Concen: 41.105 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:142 Resp: 587648
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2

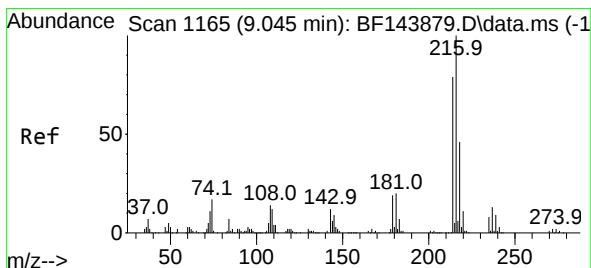
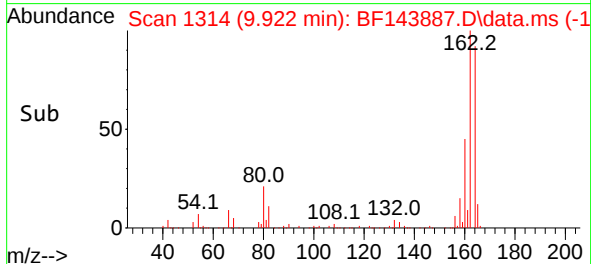
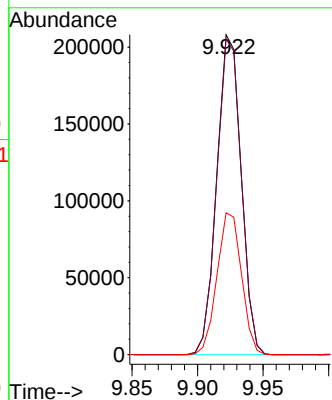
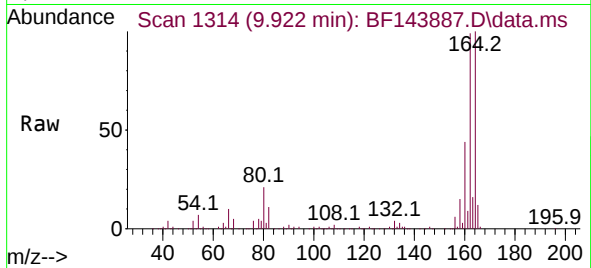




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

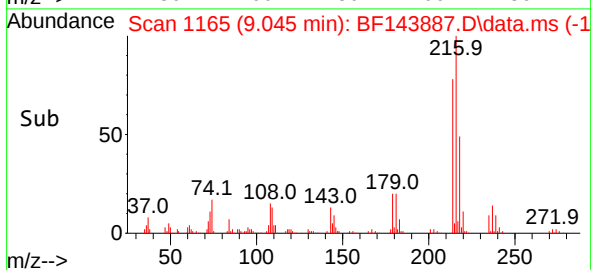
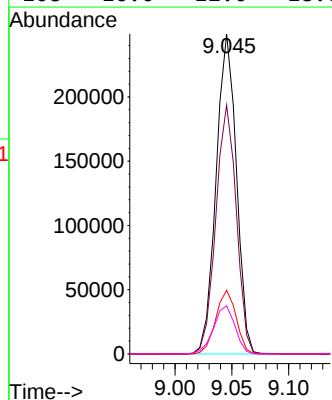
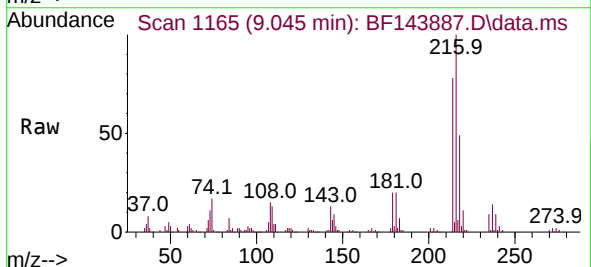
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

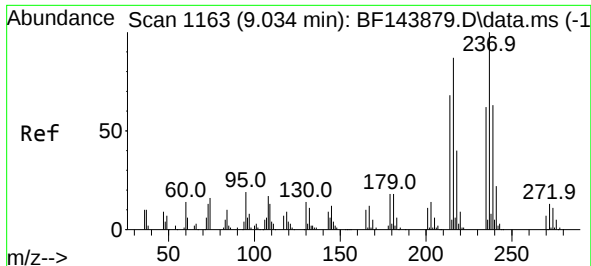
Tgt Ion:164 Resp: 269911
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.2
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.454 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:216 Resp: 309244
Ion Ratio Lower Upper
216 100
214 78.3 62.6 94.0
179 19.9 15.4 23.0
108 16.0 12.0 18.0

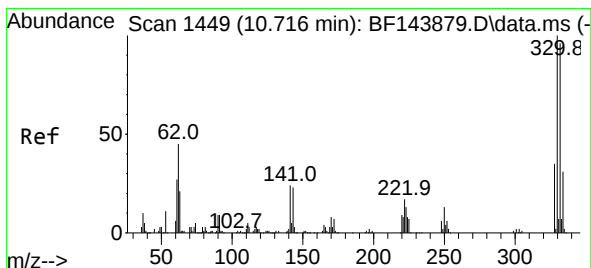
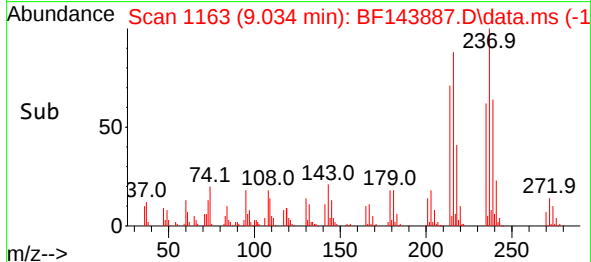
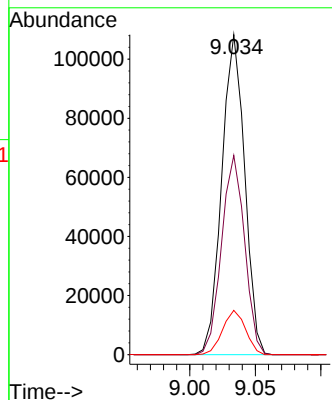
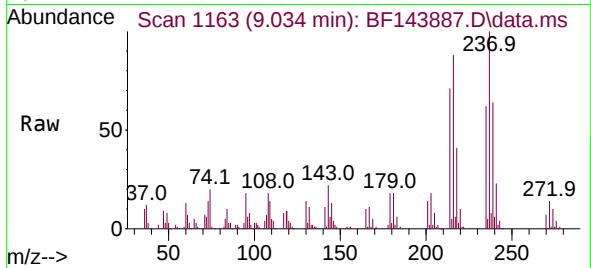




#41
Hexachlorocyclopentadiene
Concen: 42.564 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

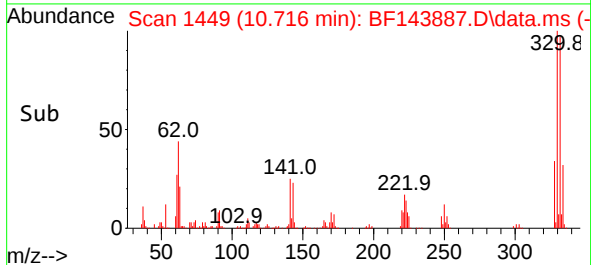
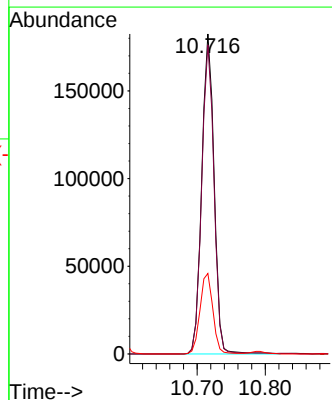
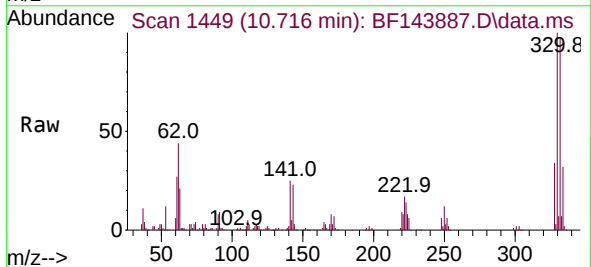
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

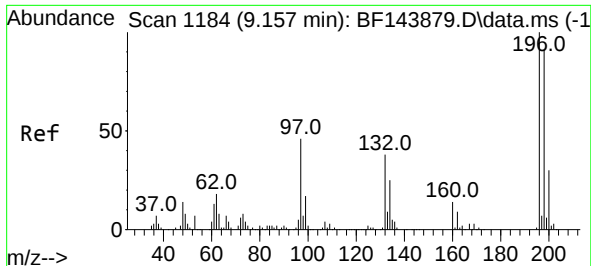
Tgt Ion:237 Resp: 131730
Ion Ratio Lower Upper
237 100
235 62.2 42.3 82.3
272 13.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 85.402 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:330 Resp: 229593
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 26.2 20.2 30.4

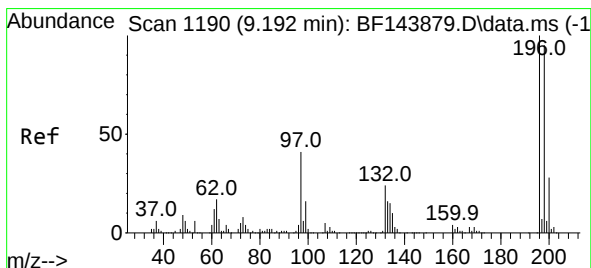
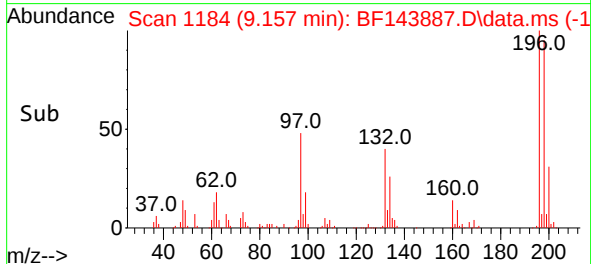
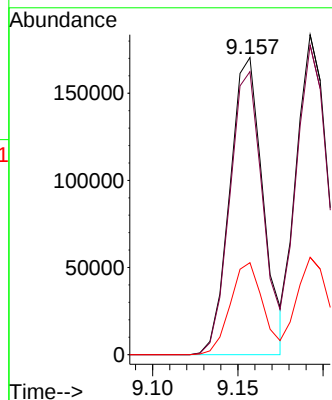
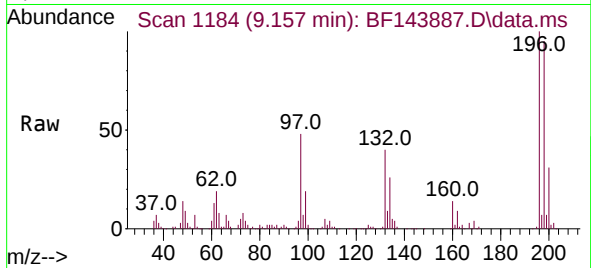




#43
2,4,6-Trichlorophenol
Concen: 42.423 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

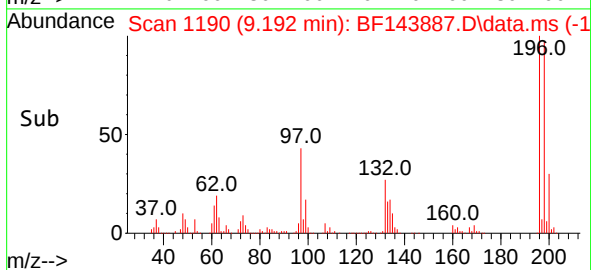
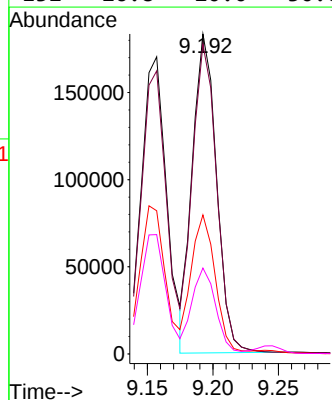
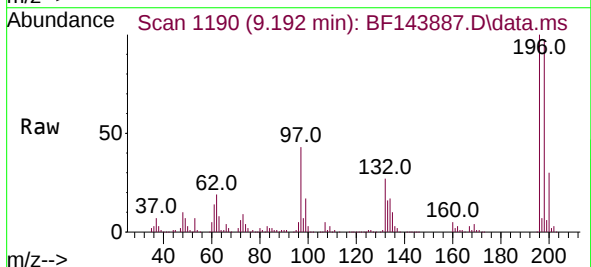
Instrument :
BNA_F
ClientSampleId :
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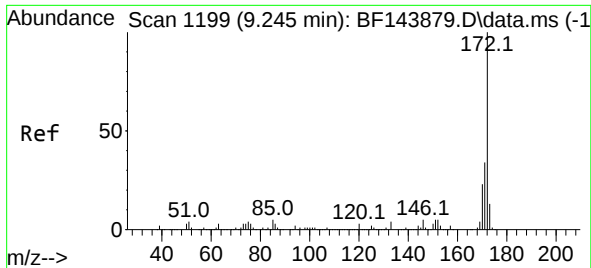
Tgt Ion:196 Resp: 231235
Ion Ratio Lower Upper
196 100
198 95.3 72.8 109.2
200 31.0 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 40.751 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:196 Resp: 234730
Ion Ratio Lower Upper
196 100
198 96.7 75.5 113.3
97 43.4 33.9 50.9
132 26.8 20.0 30.0

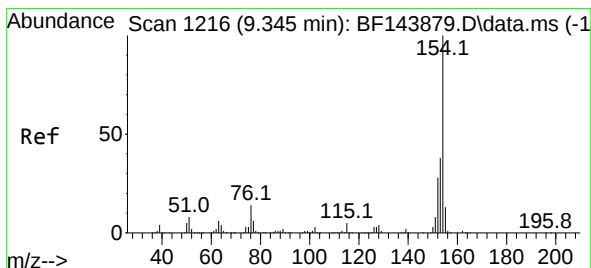
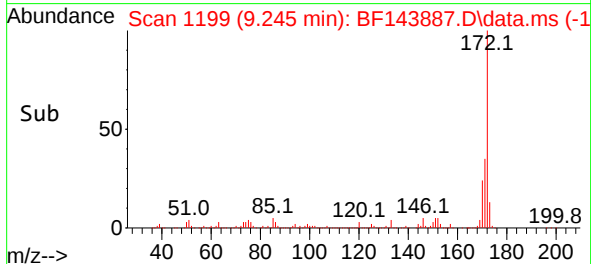
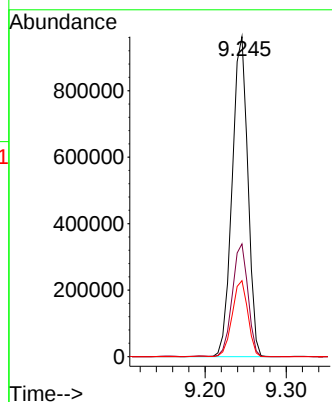
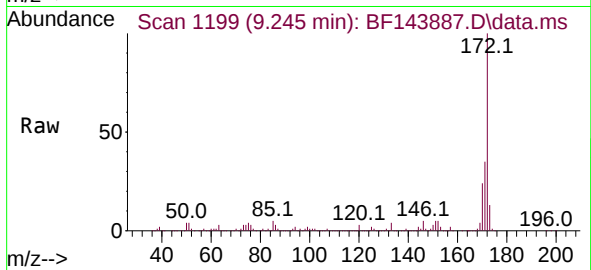




#45
2-Fluorobiphenyl
Concen: 75.968 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

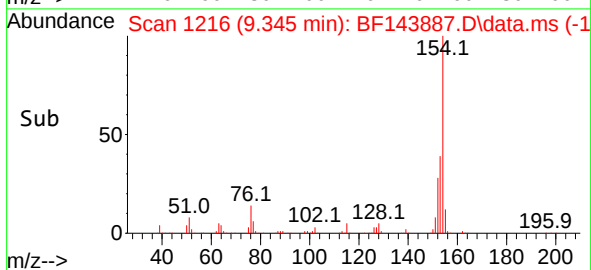
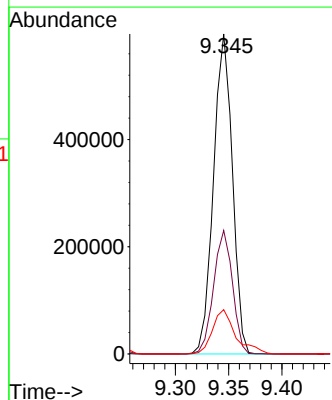
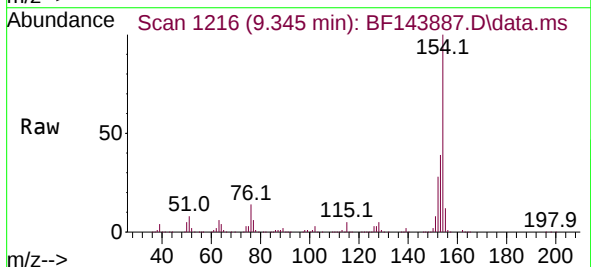
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

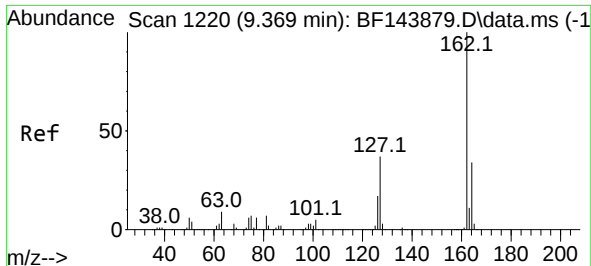
Tgt Ion:172 Resp: 1292253
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 41.233 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:154 Resp: 736853
Ion Ratio Lower Upper
154 100
153 38.6 18.4 58.4
76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.551 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

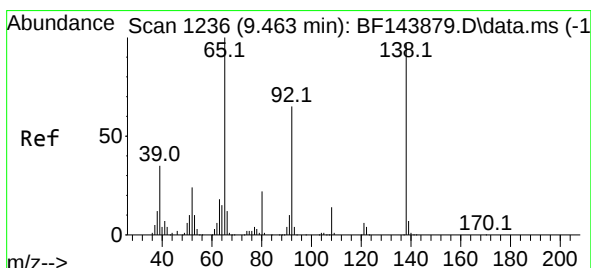
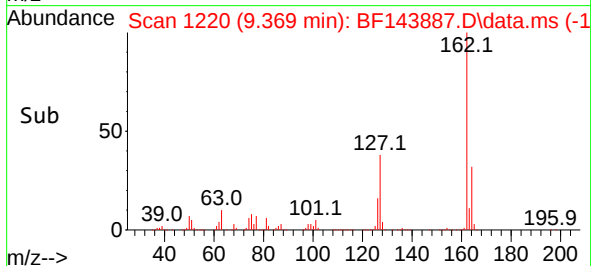
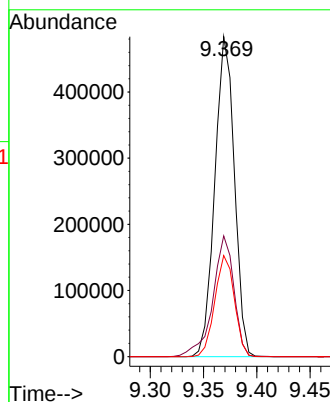
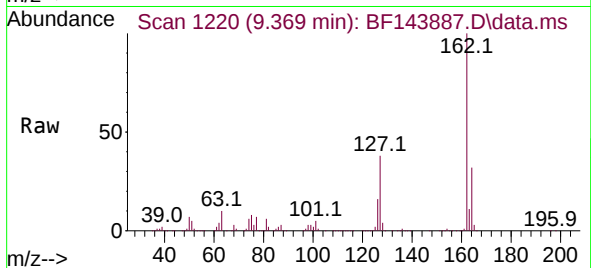
Tgt Ion:162 Resp: 619098

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.2

164 31.6 26.9 40.3



#48

2-Nitroaniline

Concen: 45.114 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

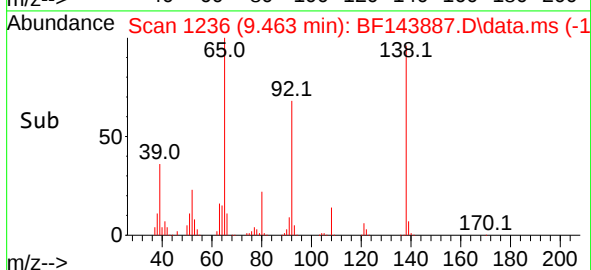
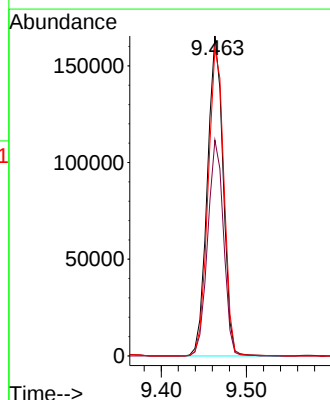
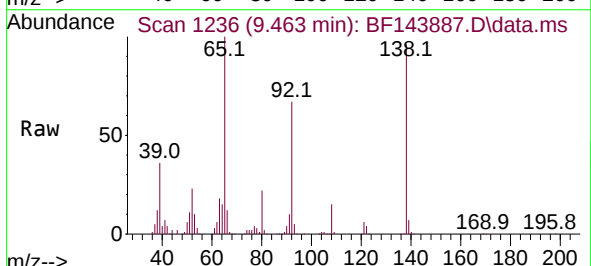
Tgt Ion: 65 Resp: 212517

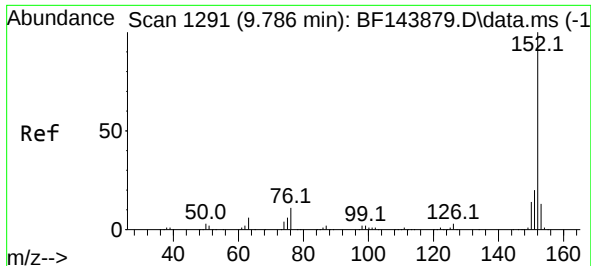
Ion Ratio Lower Upper

65 100

92 67.4 52.1 78.1

138 96.0 77.4 116.2





#49

Acenaphthylene

Concen: 42.158 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

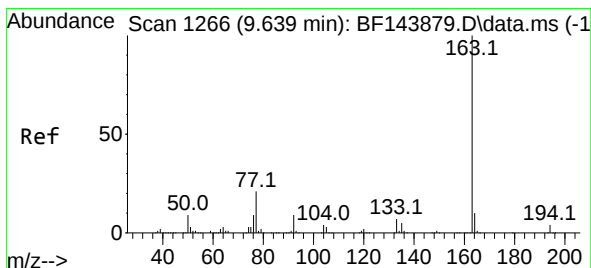
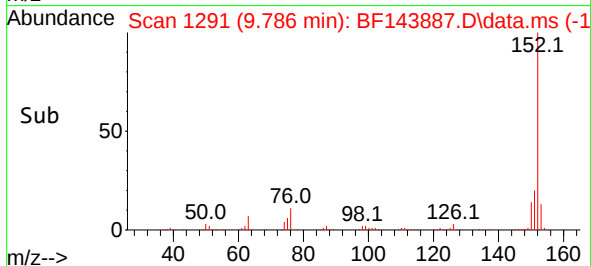
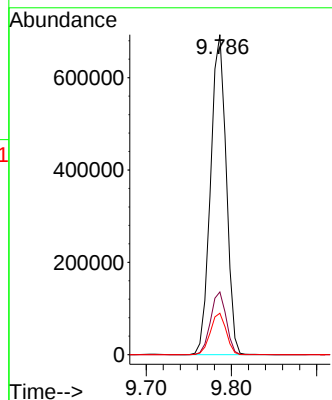
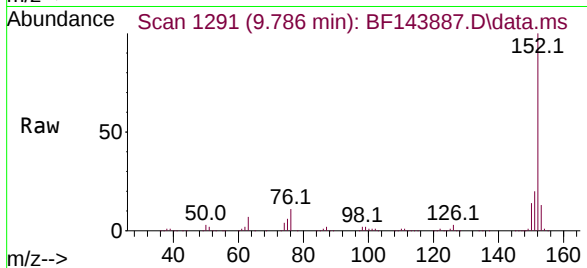
Tgt Ion:152 Resp: 883075

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 41.746 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

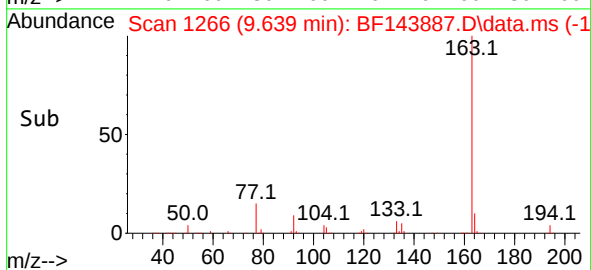
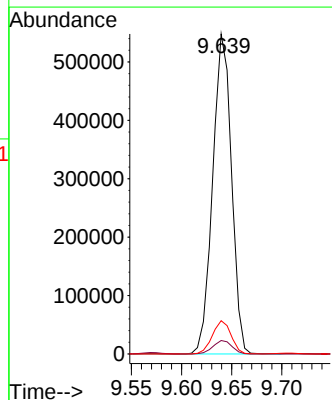
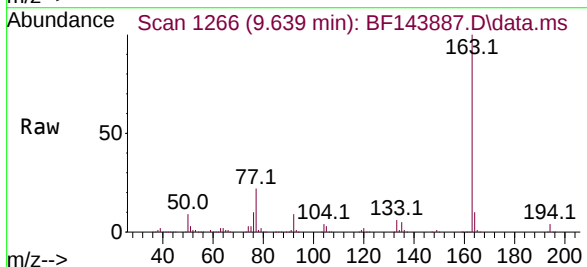
Tgt Ion:163 Resp: 715543

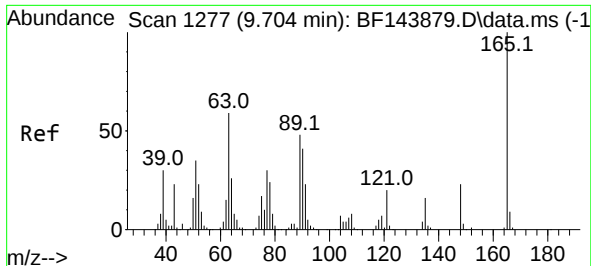
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.1 12.1

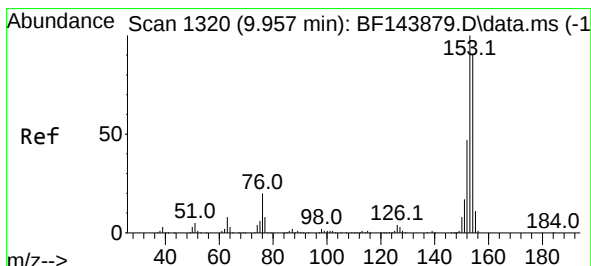
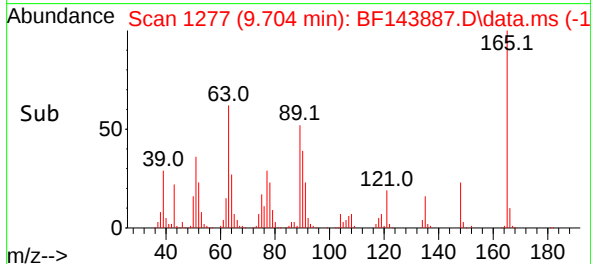
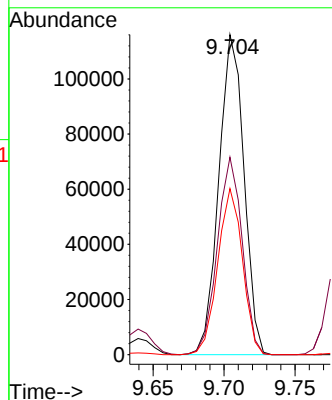
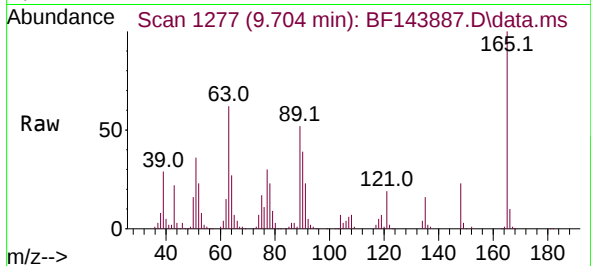




#51
2,6-Dinitrotoluene
Concen: 45.132 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

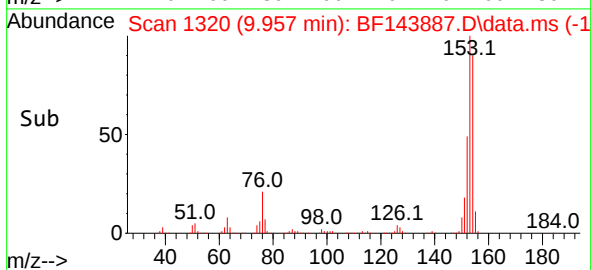
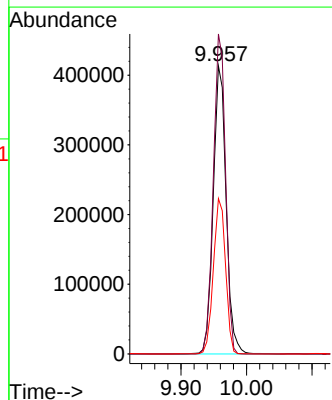
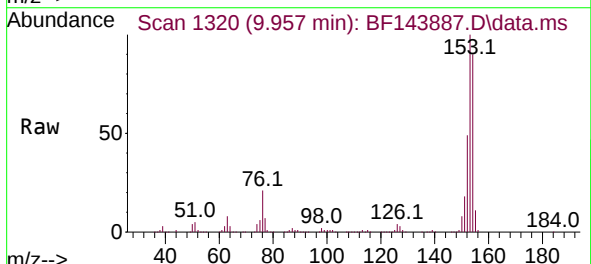
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

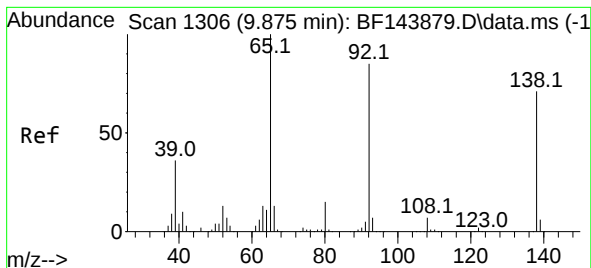
Tgt Ion:165 Resp: 143448
Ion Ratio Lower Upper
165 100
63 61.7 47.3 70.9
89 51.9 38.2 57.4



#52
Acenaphthene
Concen: 41.185 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:154 Resp: 565291
Ion Ratio Lower Upper
154 100
153 111.1 89.3 133.9
152 53.9 42.2 63.2





#53

3-Nitroaniline

Concen: 44.400 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

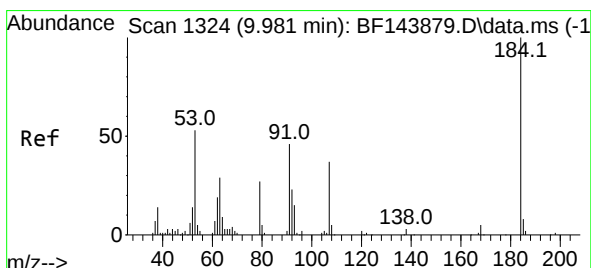
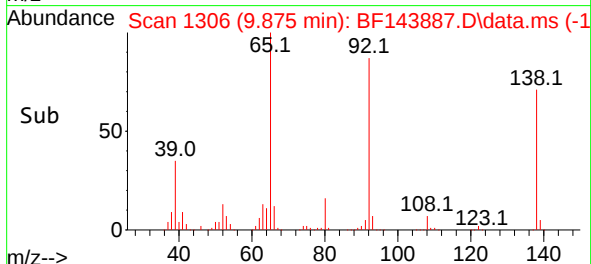
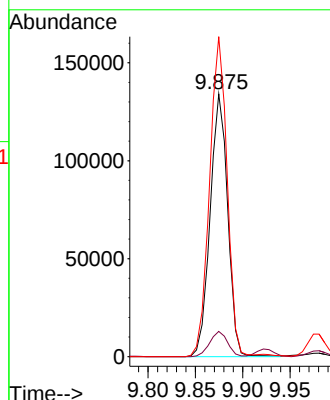
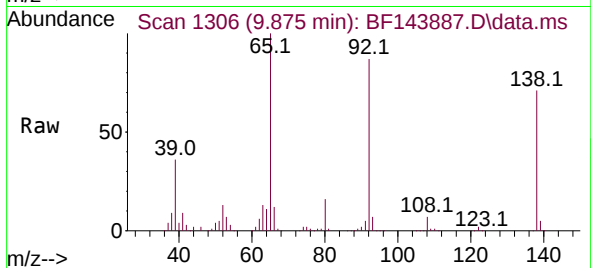
Tgt Ion:138 Resp: 172795

Ion Ratio Lower Upper

138 100

108 9.6 8.3 12.5

92 121.8 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 35.918 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

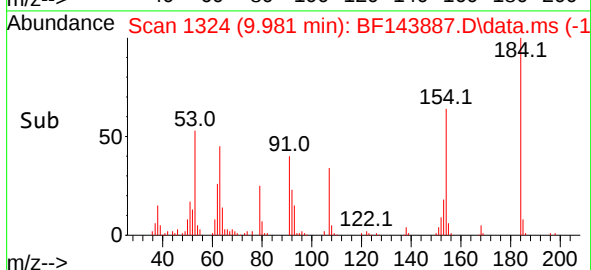
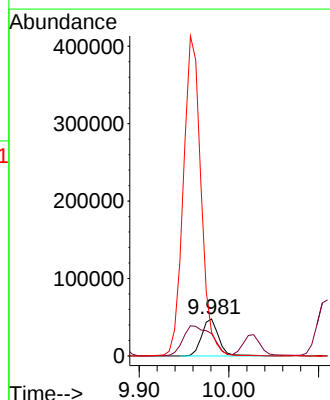
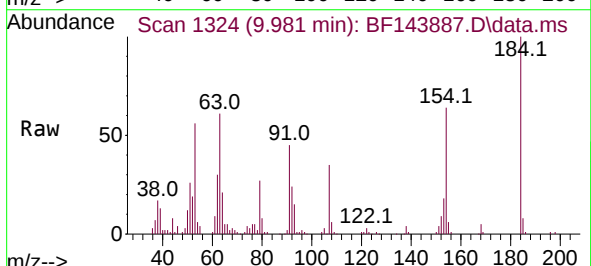
Tgt Ion:184 Resp: 62208

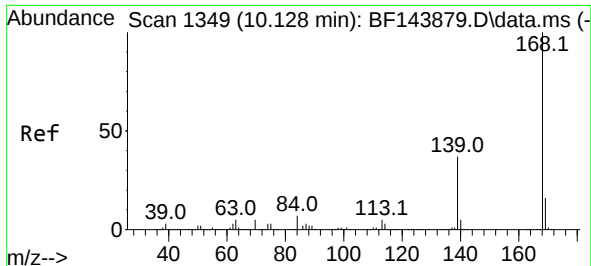
Ion Ratio Lower Upper

184 100

63 60.5 48.2 72.4

154 64.5 49.2 73.8

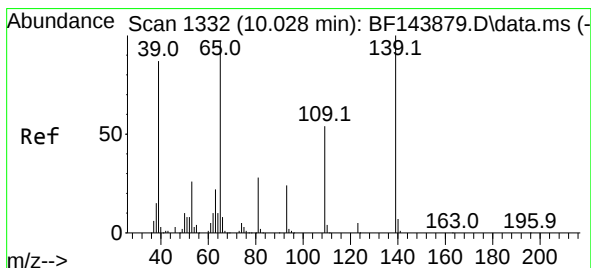
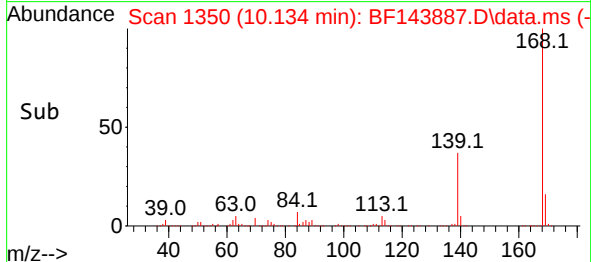
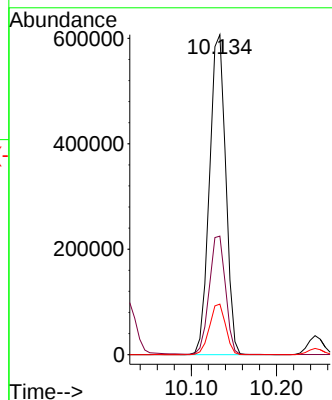
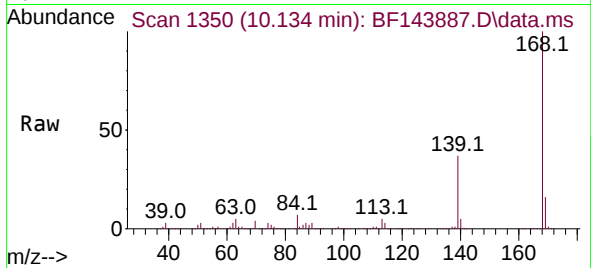




#55
Dibenzenofuran
Concen: 41.394 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

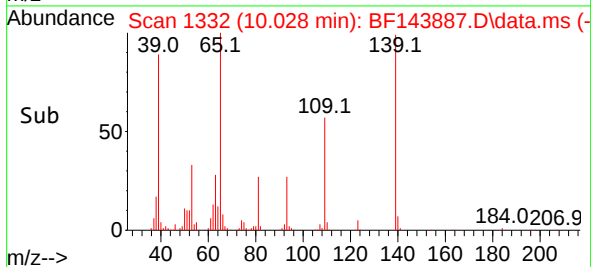
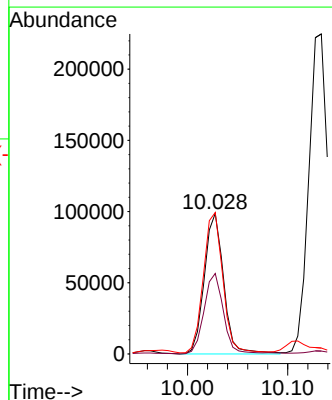
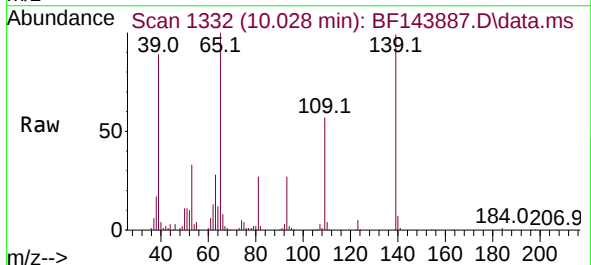
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

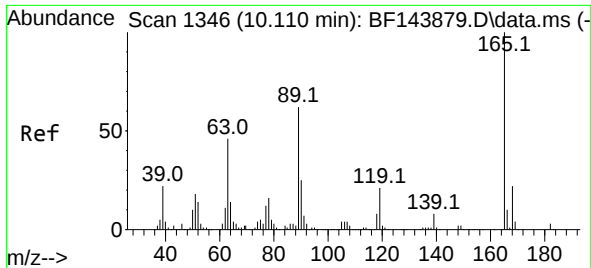
Tgt Ion:168 Resp: 802029
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 15.8 12.8 19.2



#56
4-Nitrophenol
Concen: 44.805 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:139 Resp: 132028
Ion Ratio Lower Upper
139 100
109 57.3 34.5 74.5
65 100.7 77.6 117.6

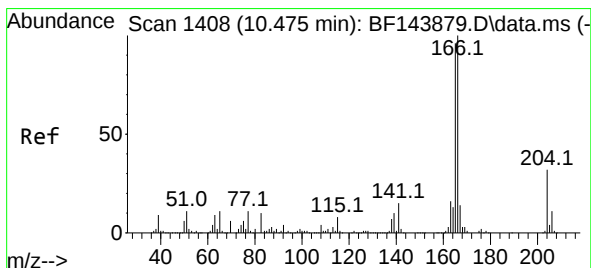
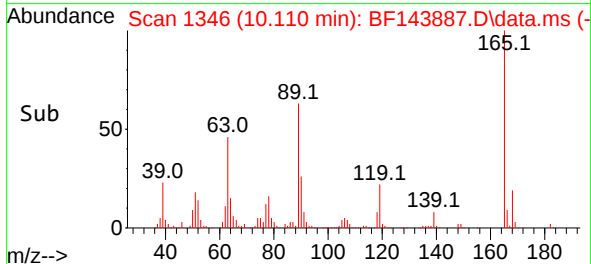
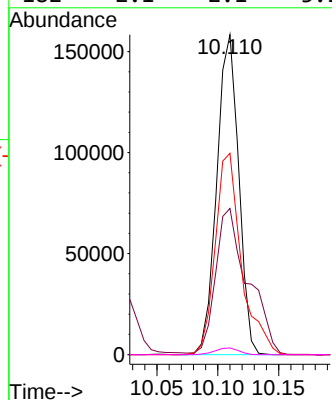
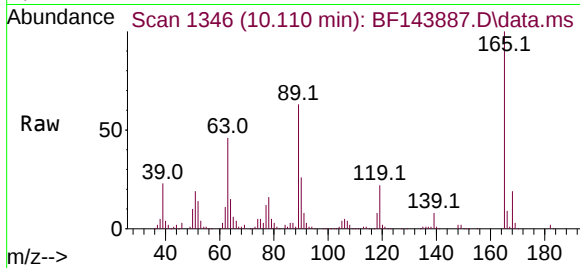




#57
2,4-Dinitrotoluene
Concen: 45.790 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

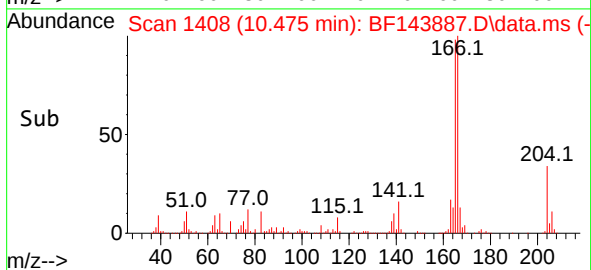
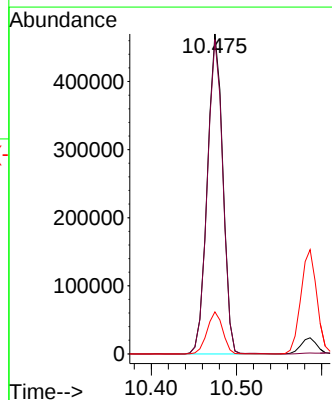
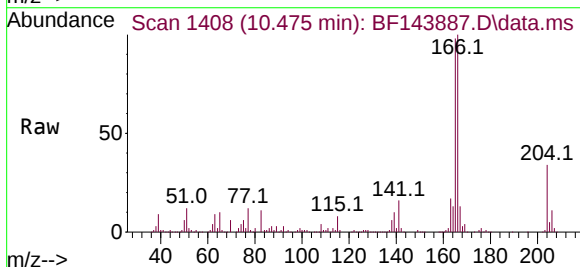
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

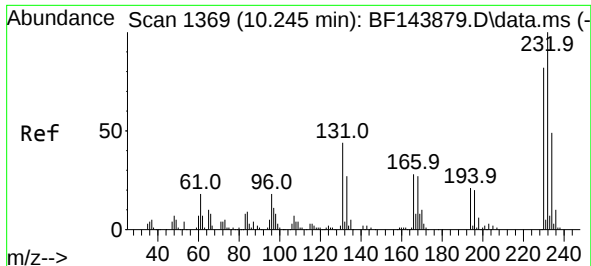
Tgt Ion:165 Resp: 198021
Ion Ratio Lower Upper
165 100
63 45.7 37.2 55.8
89 62.9 49.4 74.2
182 2.1 2.1 3.1



#58
Fluorene
Concen: 40.611 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:166 Resp: 593723
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.1 11.1 16.7

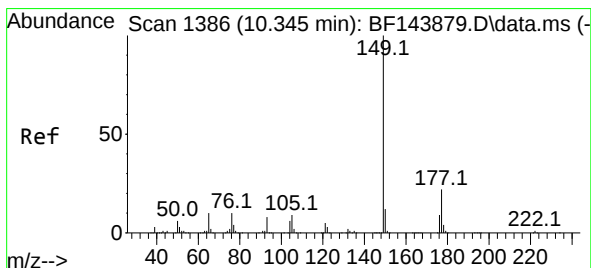
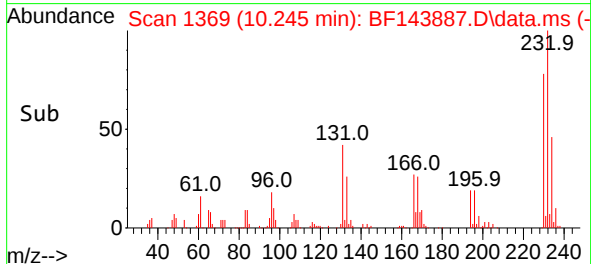
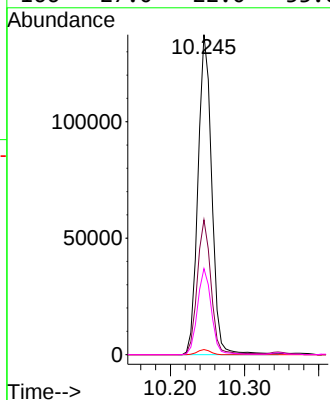
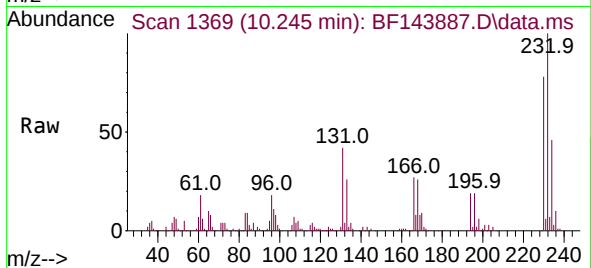




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.461 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

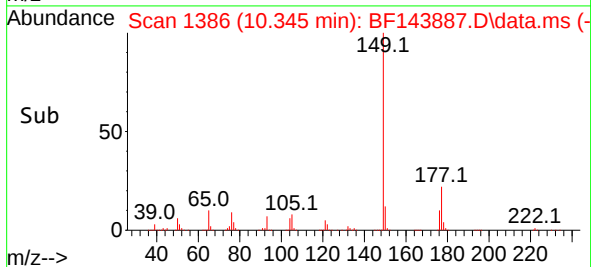
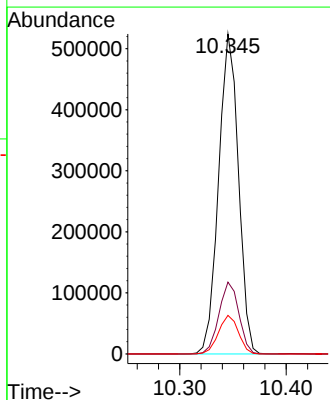
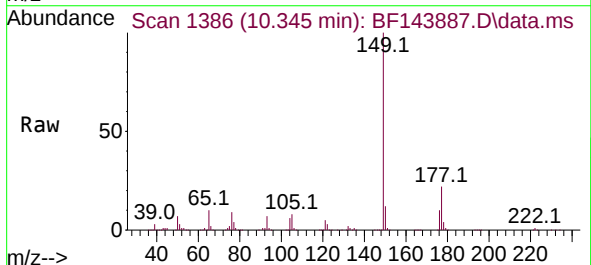
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

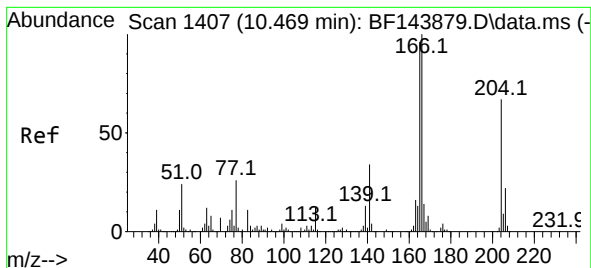
Tgt Ion:232 Resp: 177212
Ion Ratio Lower Upper
232 100
131 42.4 34.9 52.3
130 1.5 1.6 2.4#
166 27.0 22.0 33.0



#60
Diethylphthalate
Concen: 42.707 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:149 Resp: 680061
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.0 9.8 14.8

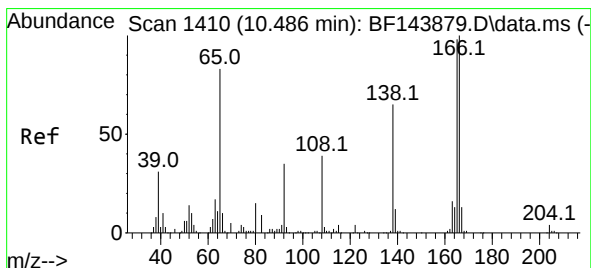
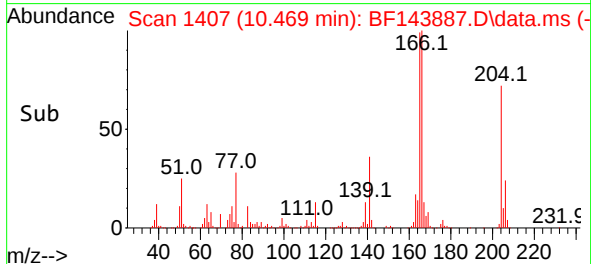
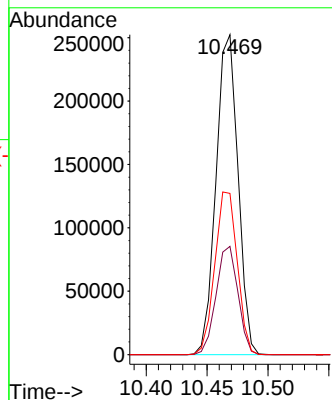
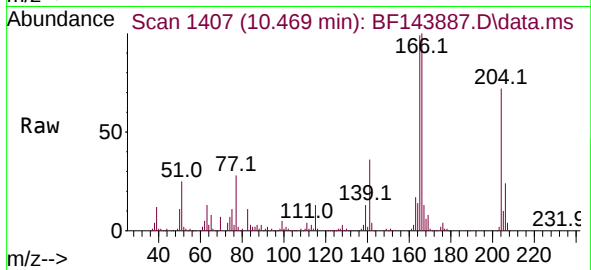




#61
4-Chlorophenyl-phenylether
Concen: 41.005 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

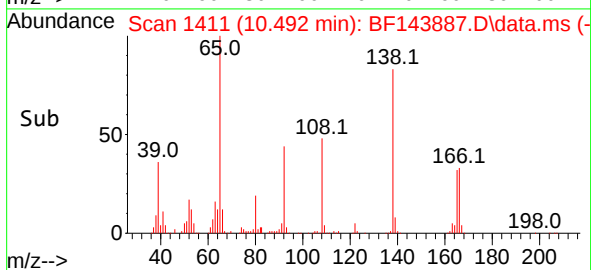
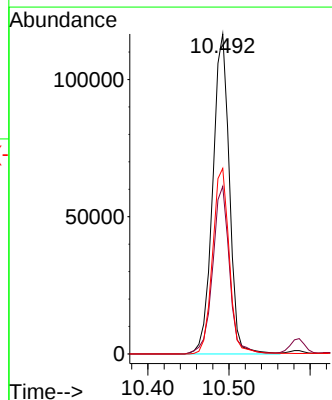
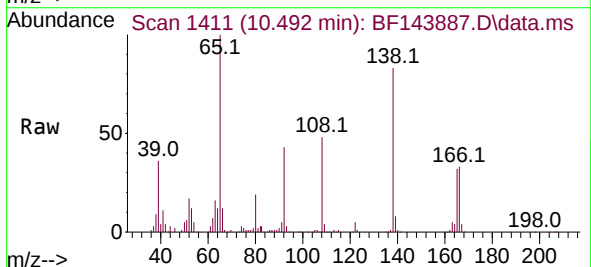
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

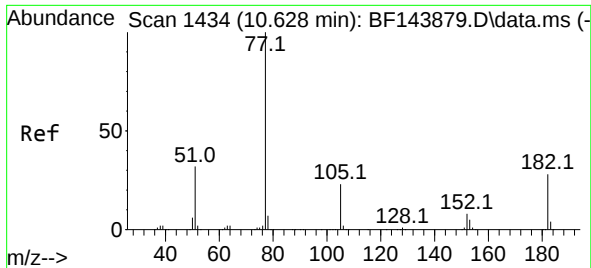
Tgt Ion:204 Resp: 316950
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 50.4 40.4 60.6



#62
4-Nitroaniline
Concen: 44.364 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:138 Resp: 166030
Ion Ratio Lower Upper
138 100
92 52.3 33.9 73.9
108 58.0 40.2 80.2

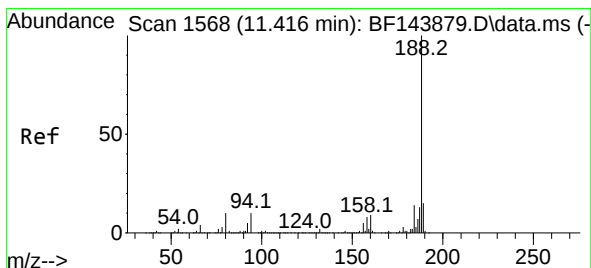
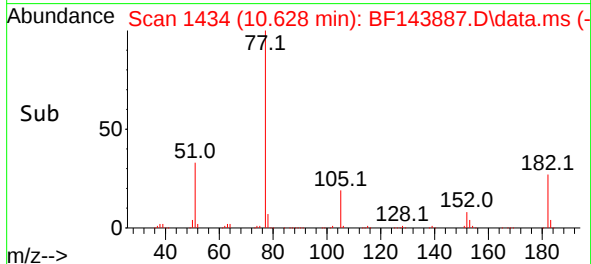
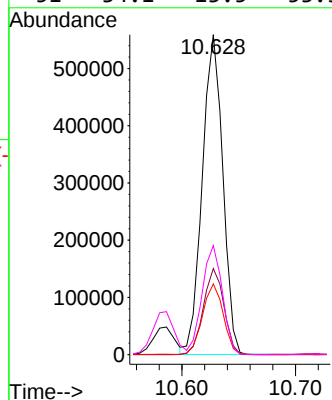
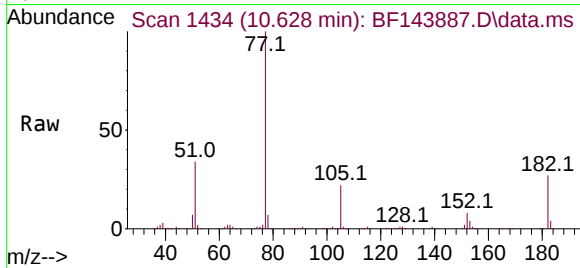




#63
Azobenzene
Concen: 42.174 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

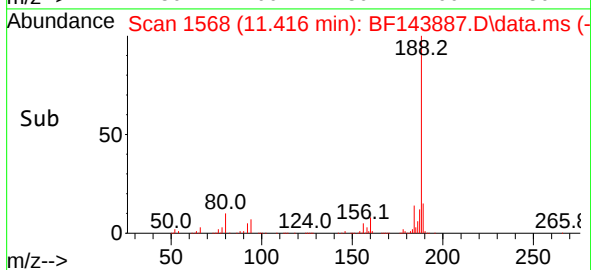
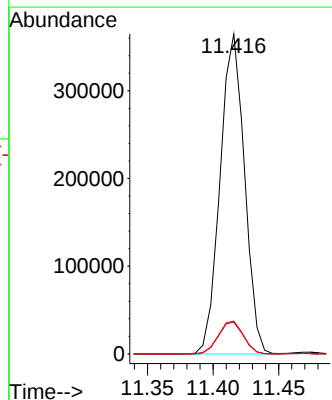
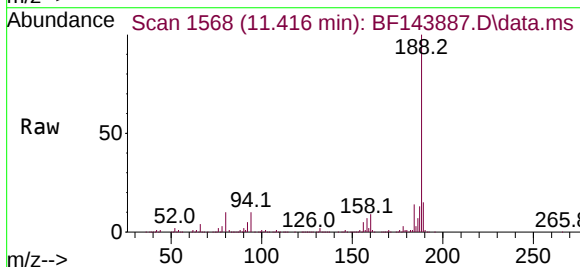
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

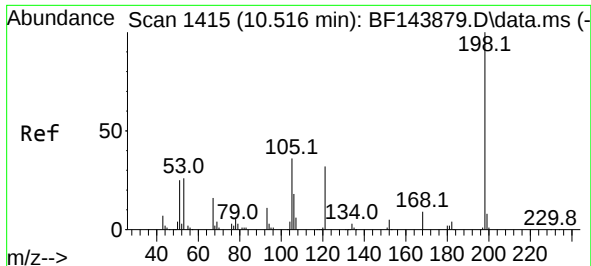
Tgt Ion: 77	Resp: 701871
Ion Ratio	Lower Upper
77 100	
182 26.9	7.3 47.3
105 22.1	3.0 43.0
51 34.1	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:188	Resp: 472445
Ion Ratio	Lower Upper
188 100	
94 9.9	7.8 11.6
80 10.3	7.9 11.9

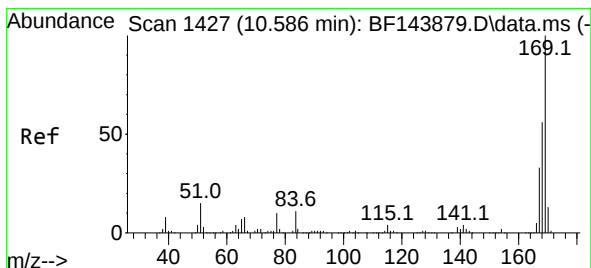
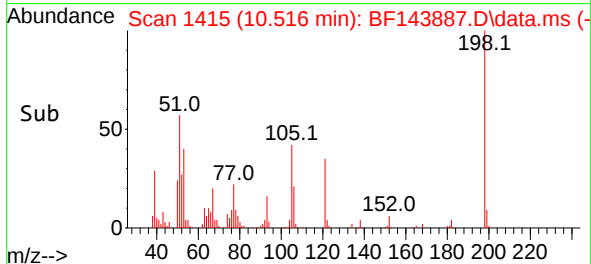
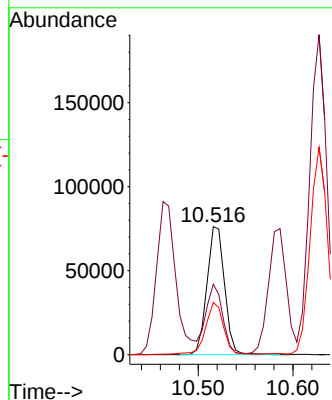
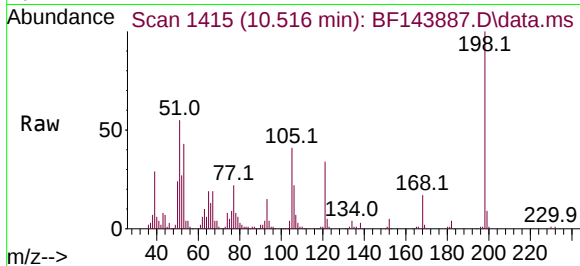




#65
4,6-Dinitro-2-methylphenol
Concen: 41.478 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

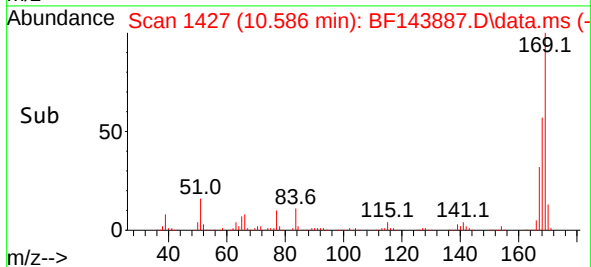
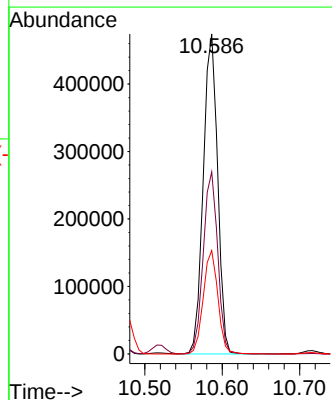
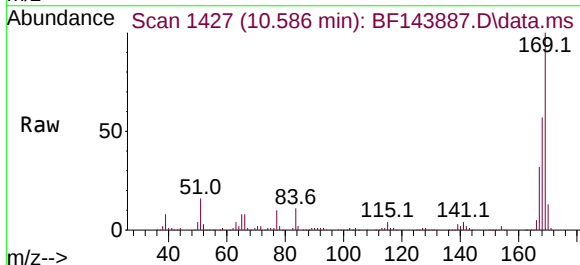
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

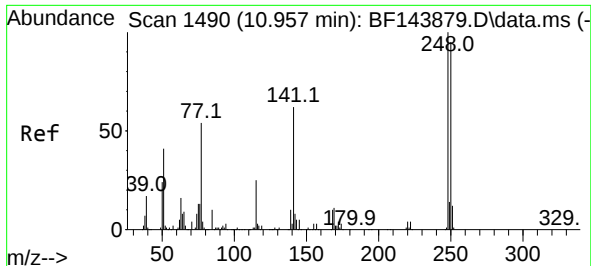
Tgt Ion:198 Resp: 98474
Ion Ratio Lower Upper
198 100
51 55.0 33.8 73.8
105 40.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 41.053 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:169 Resp: 609002
Ion Ratio Lower Upper
169 100
168 56.9 44.9 67.3
167 32.3 26.3 39.5

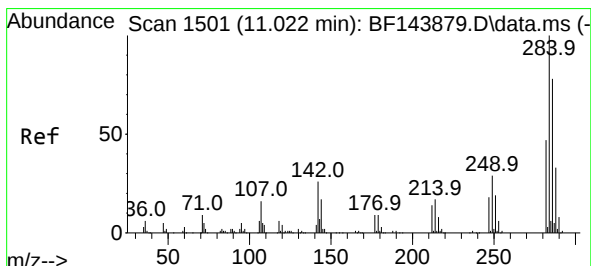
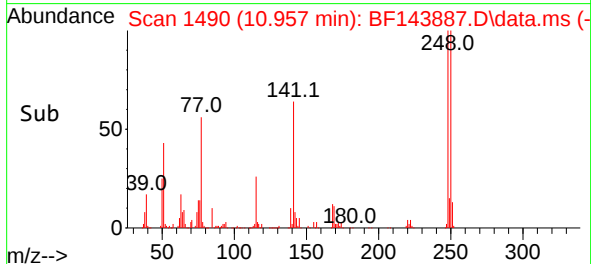
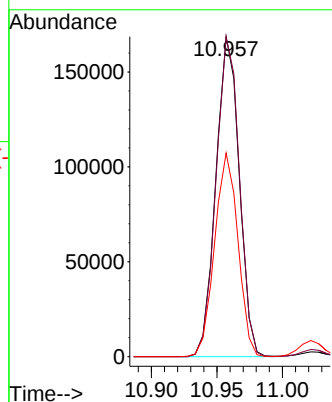
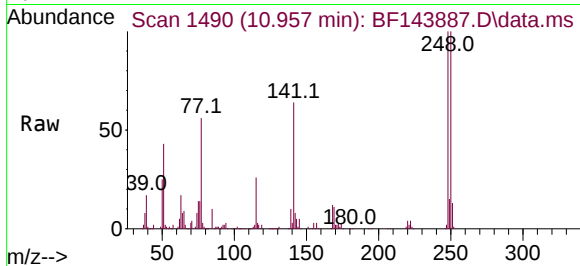




#67
4-Bromophenyl-phenylether
Concen: 40.007 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

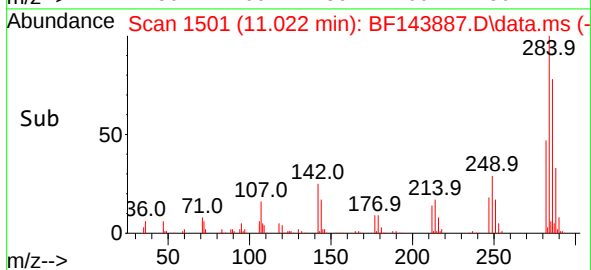
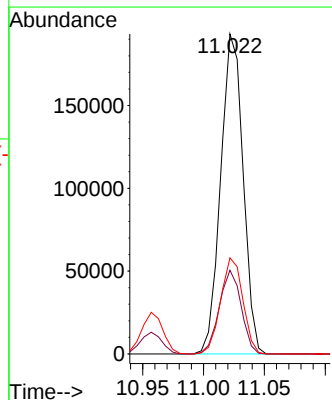
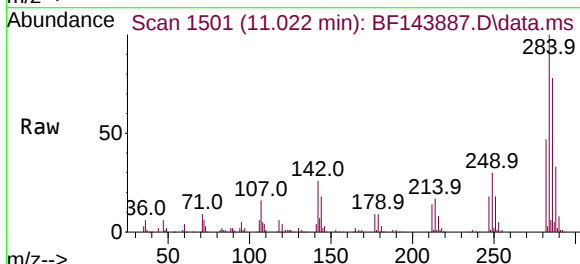
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

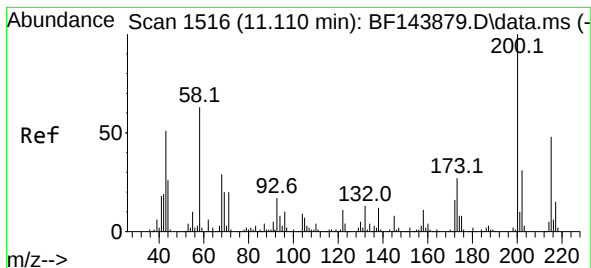
Tgt Ion:248 Resp: 208885
Ion Ratio Lower Upper
248 100
250 100.1 76.3 114.5
141 63.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.915 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:284 Resp: 247319
Ion Ratio Lower Upper
284 100
142 26.1 20.6 30.8
249 30.0 23.2 34.8





#69

Atrazine

Concen: 41.221 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

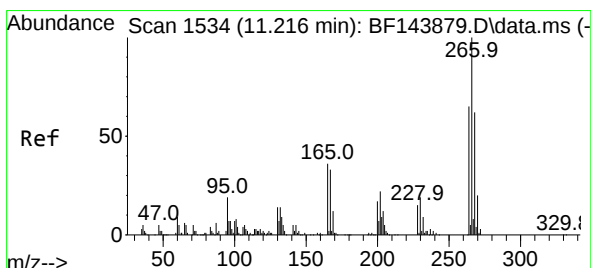
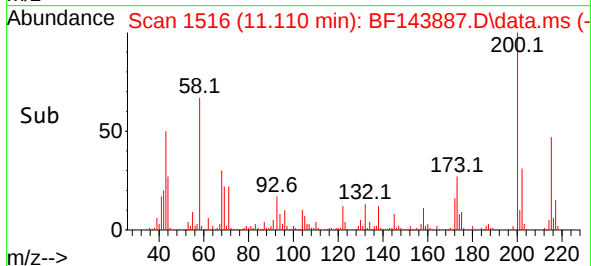
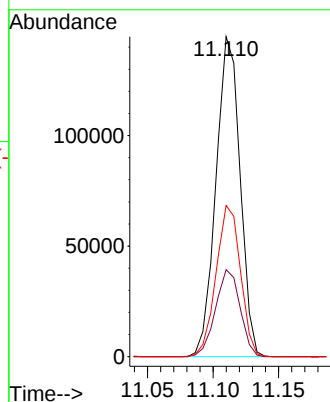
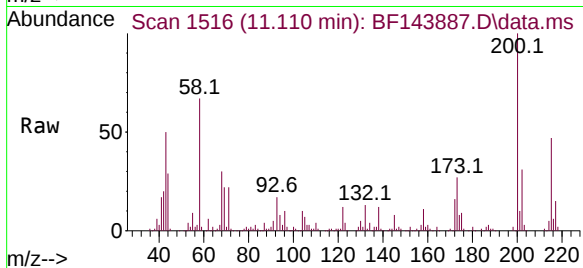
Tgt Ion:200 Resp: 185337

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 47.2 27.8 67.8



#70

Pentachlorophenol

Concen: 41.501 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

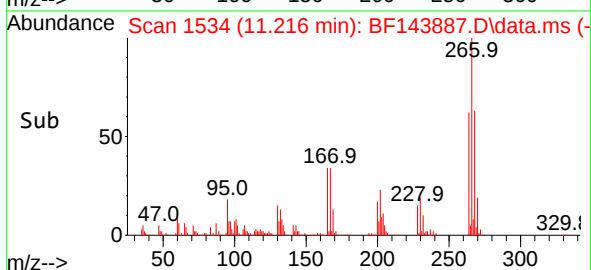
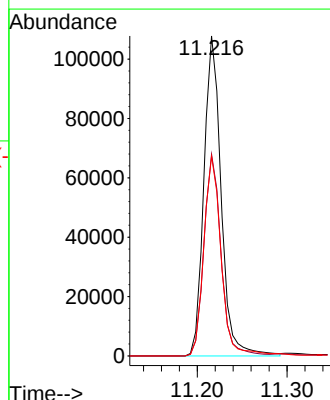
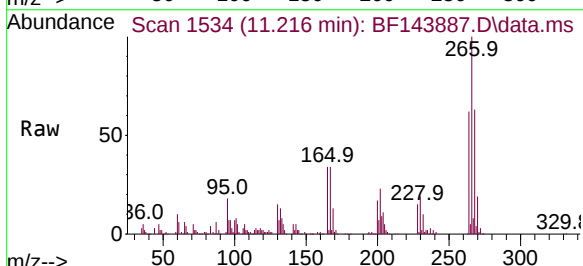
Tgt Ion:266 Resp: 144078

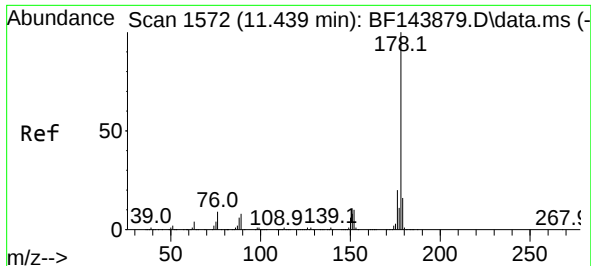
Ion Ratio Lower Upper

266 100

268 63.1 49.4 74.0

264 62.4 51.8 77.6

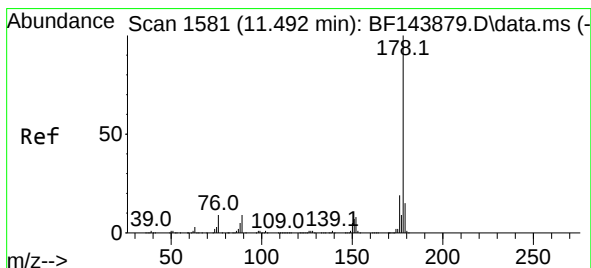
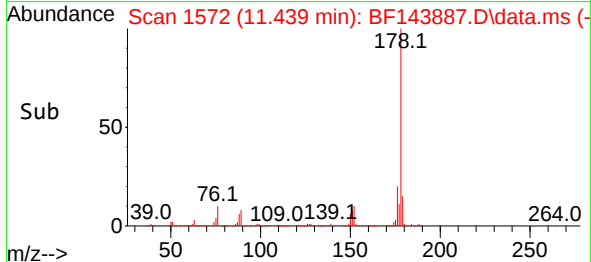
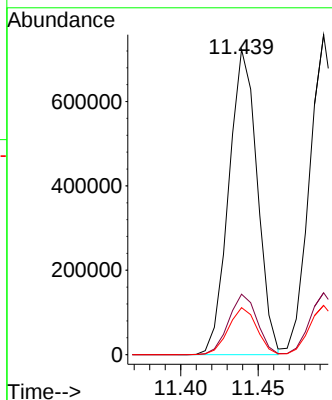
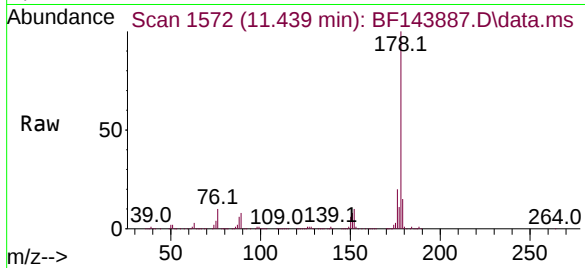




#71
Phenanthrene
Concen: 40.475 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

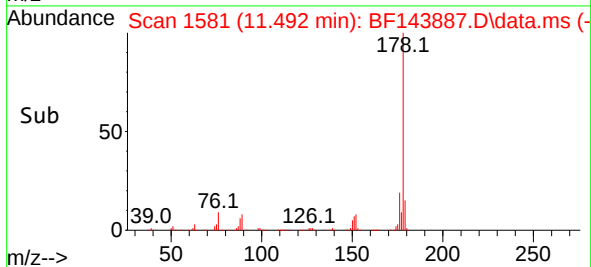
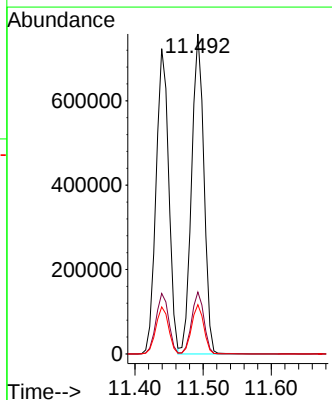
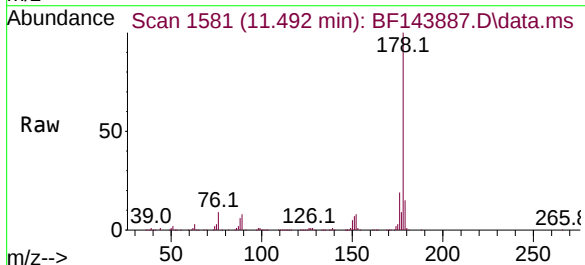
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

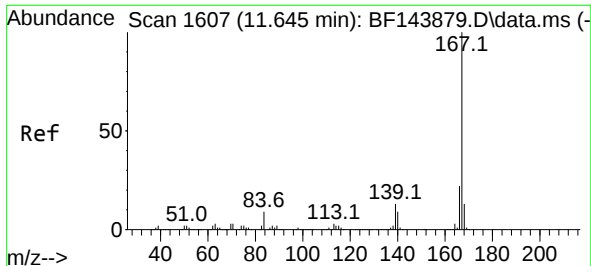
Tgt Ion:178 Resp: 927059
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 41.249 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:178 Resp: 954456
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.4 12.2 18.2

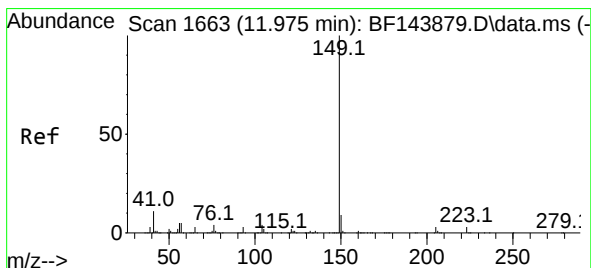
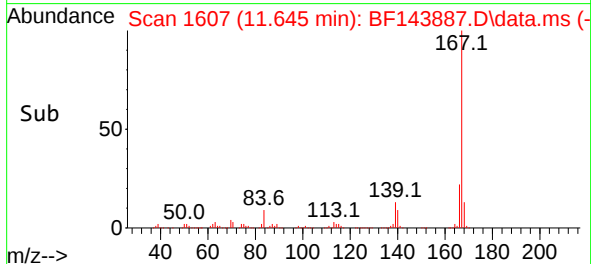
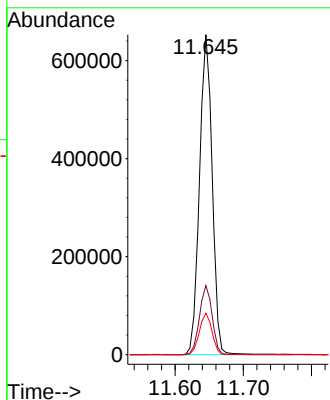
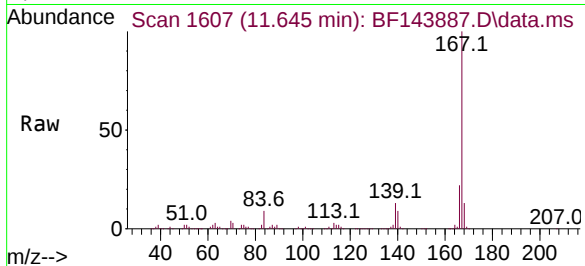




#73
 Carbazole
 Concen: 41.276 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

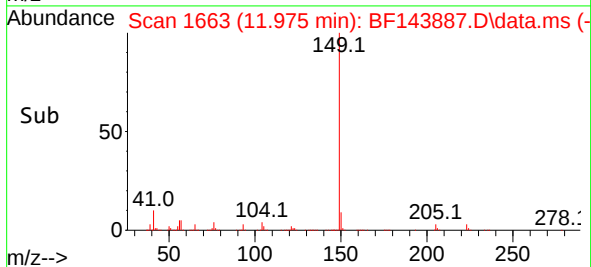
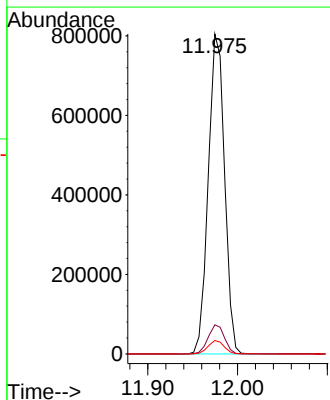
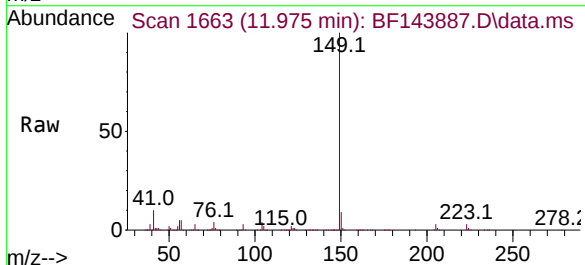
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

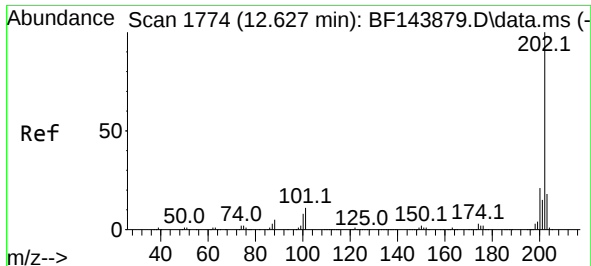
Tgt Ion:167 Resp: 845876
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 42.939 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

Tgt Ion:149 Resp: 1019853
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.2 3.4 5.2

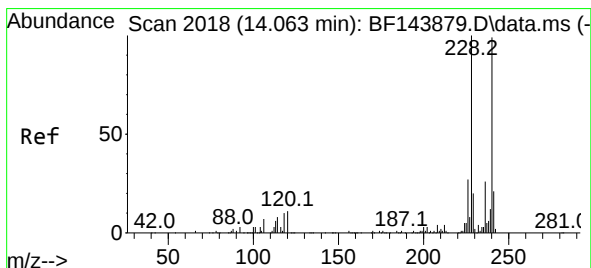
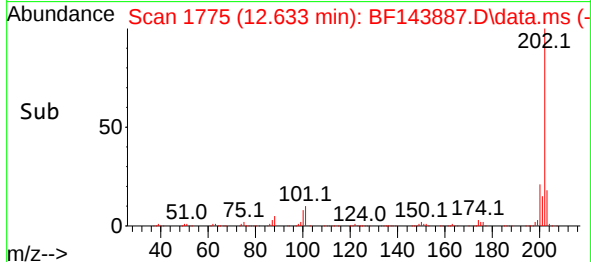
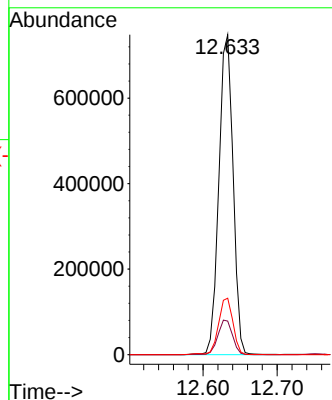
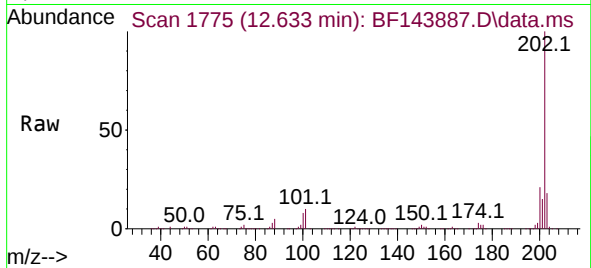




#75
Fluoranthene
Concen: 42.023 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

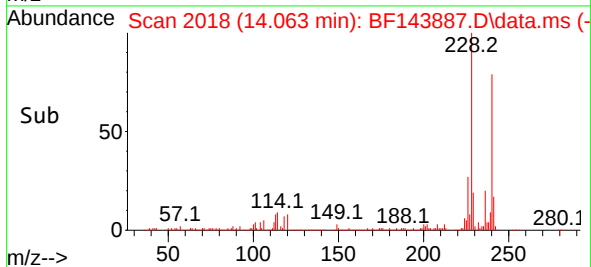
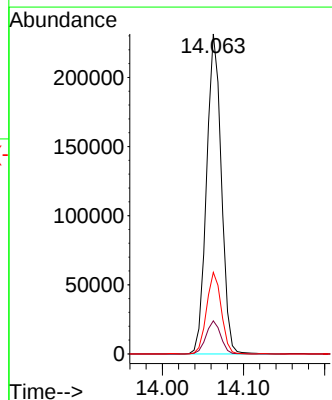
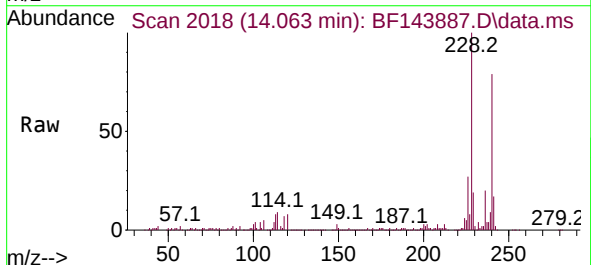
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

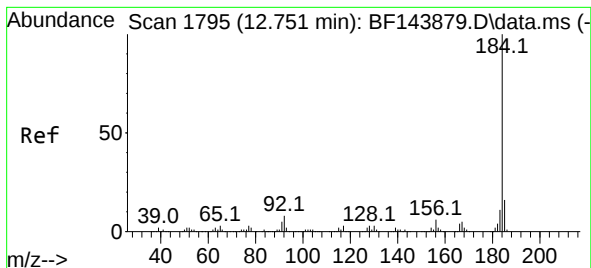
Tgt Ion:202 Resp: 994203
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:240 Resp: 292935
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.5 21.1 31.7





#77

Benzidine

Concen: 43.559 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

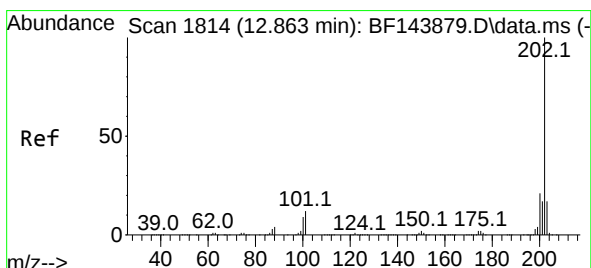
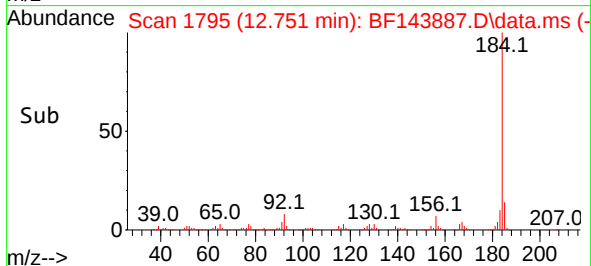
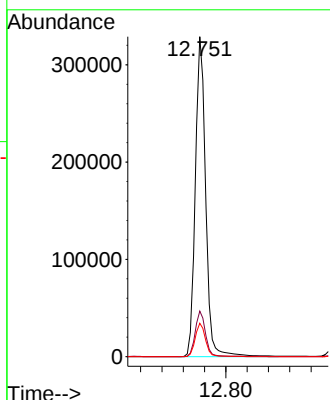
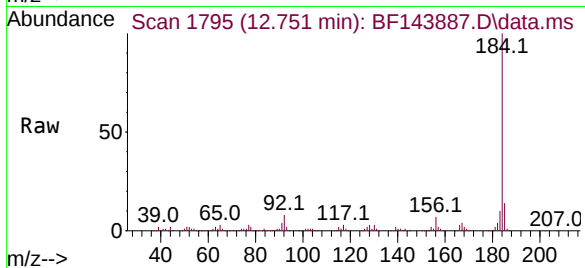
Tgt Ion:184 Resp: 443056

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 10.5 8.8 13.2



#78

Pyrene

Concen: 42.137 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

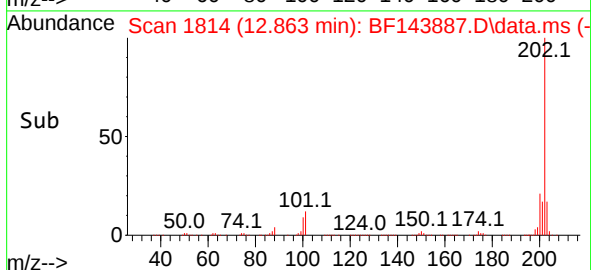
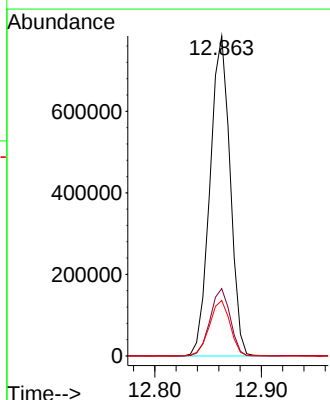
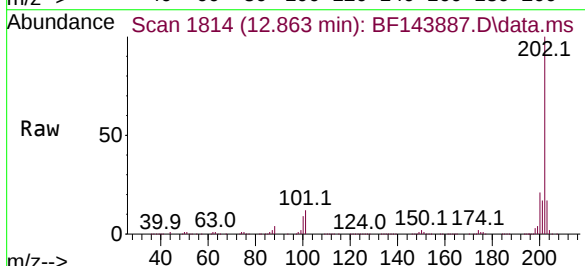
Tgt Ion:202 Resp: 1029051

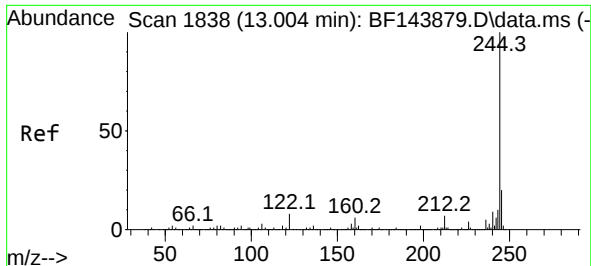
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.3 13.8 20.6

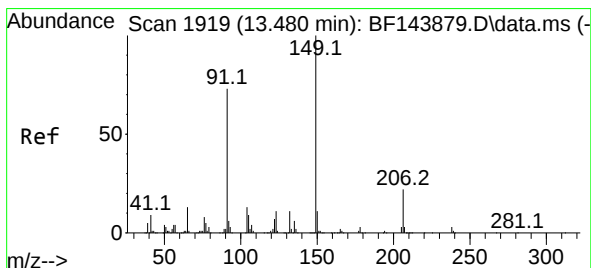
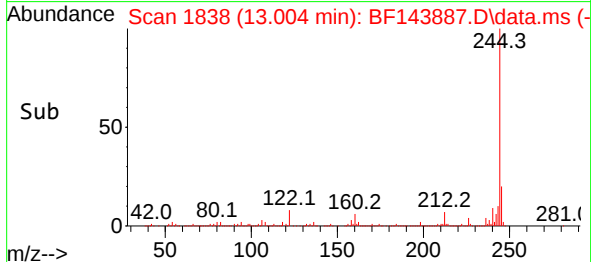
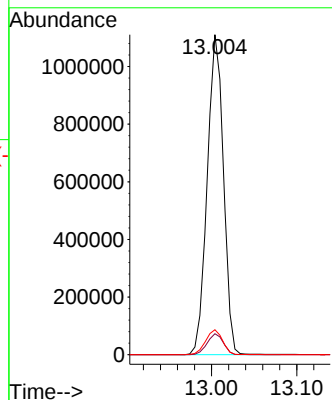
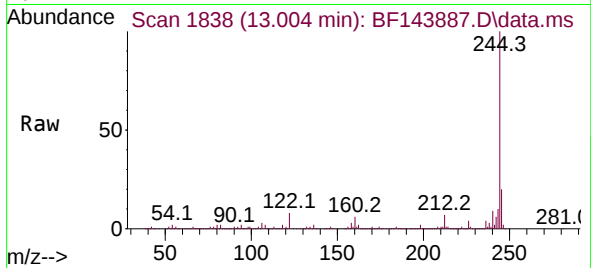




#79
 Terphenyl-d14
 Concen: 85.746 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

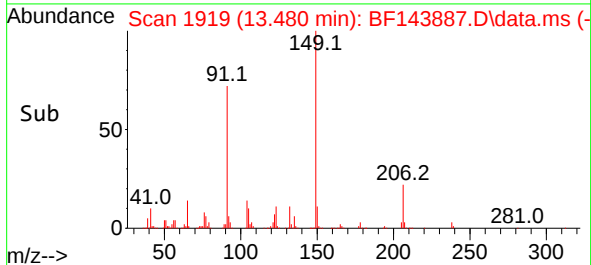
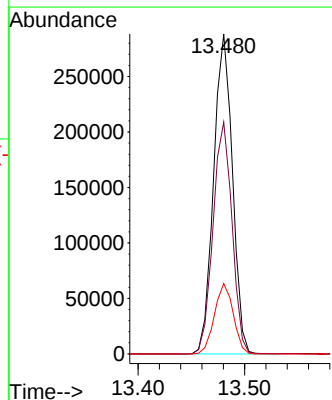
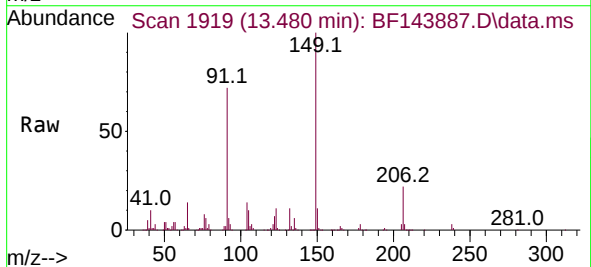
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

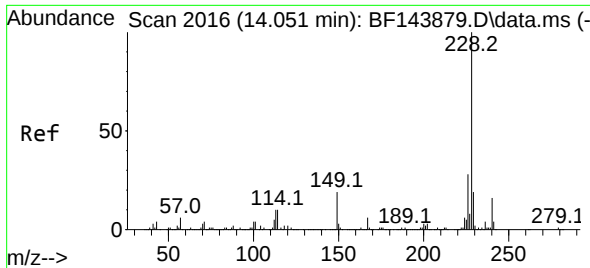
Tgt Ion:244 Resp: 1469688
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.8 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 44.712 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

Tgt Ion:149 Resp: 354629
 Ion Ratio Lower Upper
 149 100
 91 72.4 58.2 87.2
 206 22.0 17.9 26.9

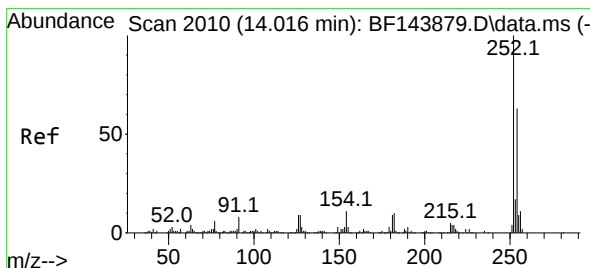
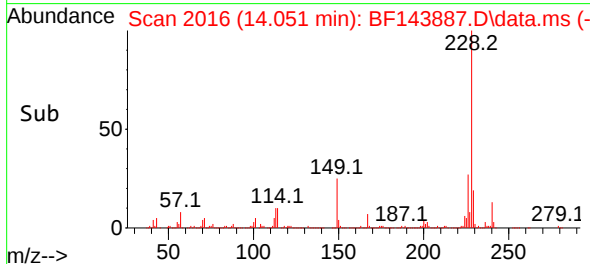
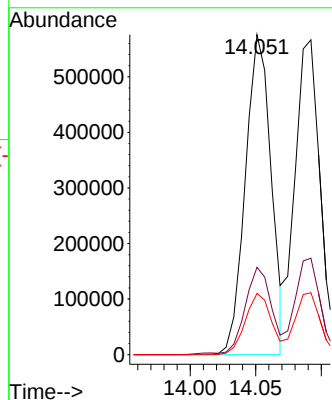
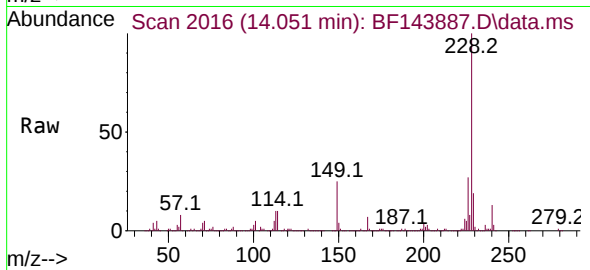




#81
Benzo(a)anthracene
Concen: 41.005 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

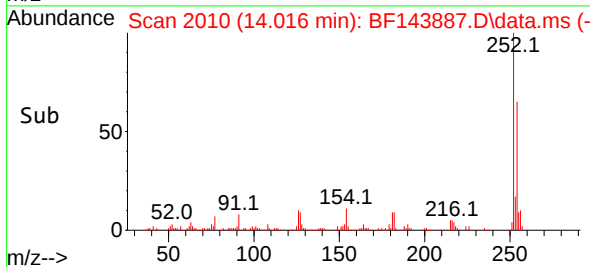
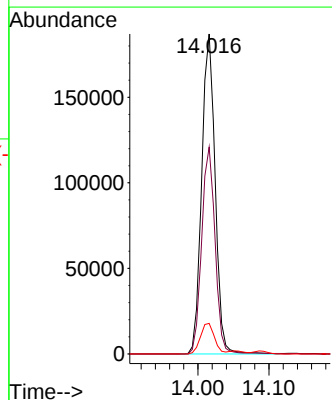
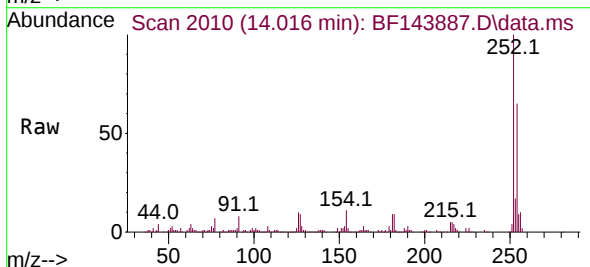
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

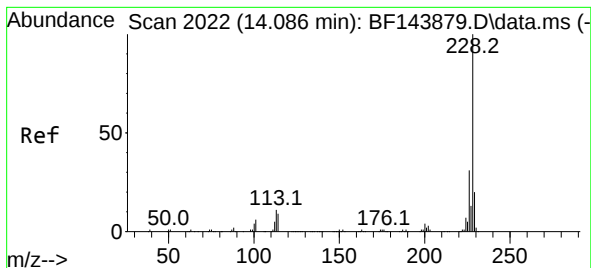
Tgt Ion:228 Resp: 786049
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 41.852 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:252 Resp: 244496
Ion Ratio Lower Upper
252 100
254 64.6 50.6 76.0
126 9.5 7.0 10.6





#83

Chrysene

Concen: 42.533 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

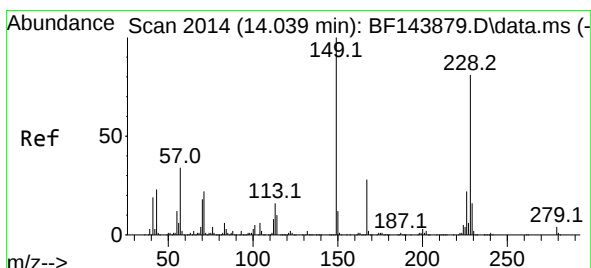
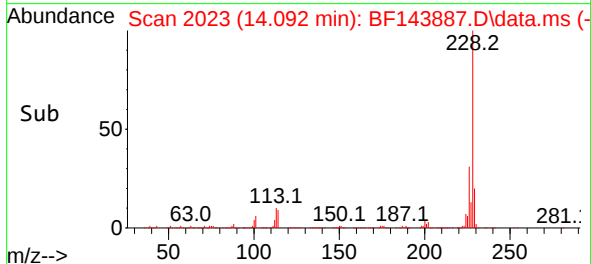
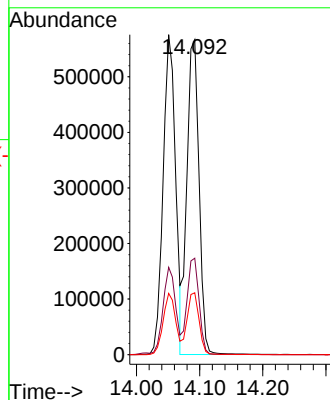
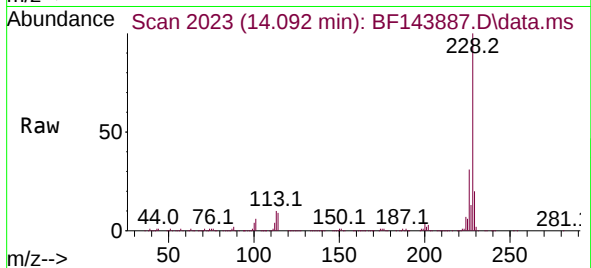
Tgt Ion:228 Resp: 754633

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.772 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

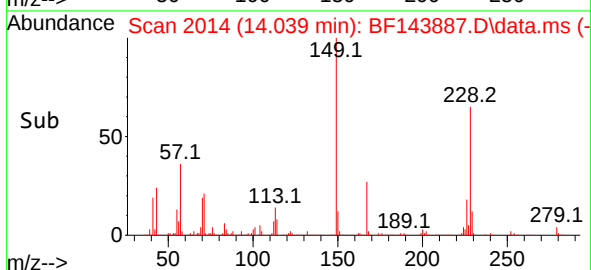
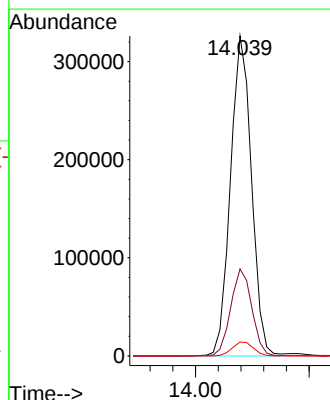
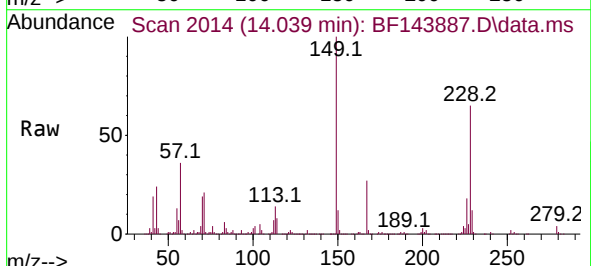
Tgt Ion:149 Resp: 418492

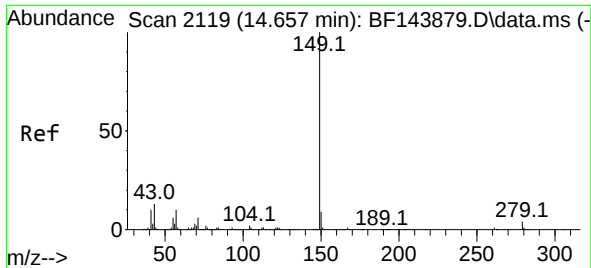
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 4.3 3.1 4.7

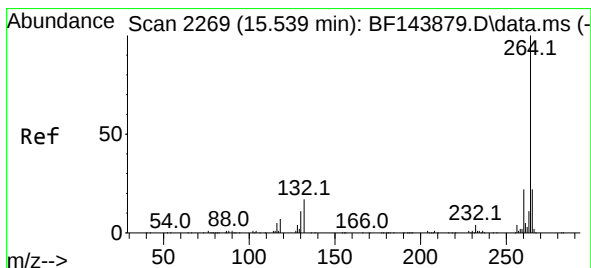
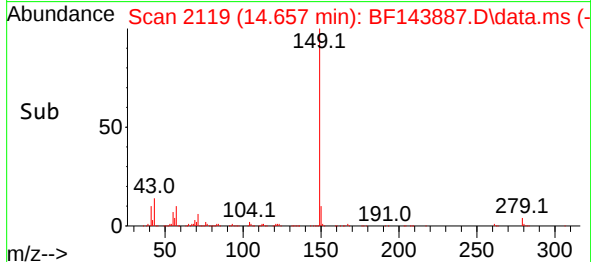
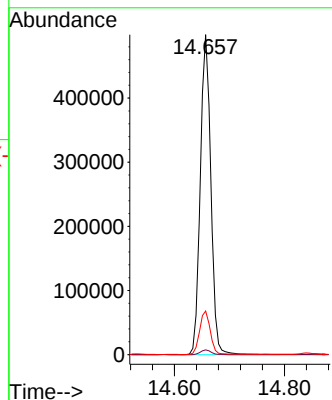
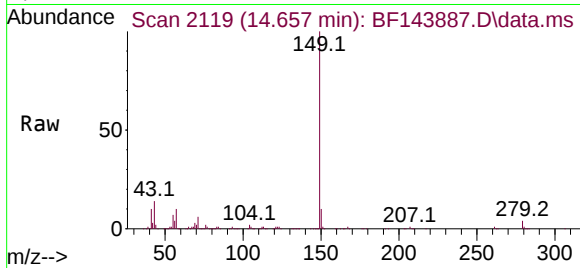




#85
Di-n-octyl phthalate
Concen: 42.113 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

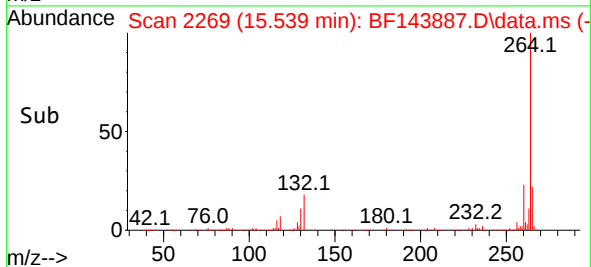
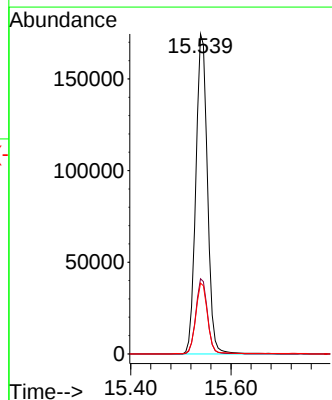
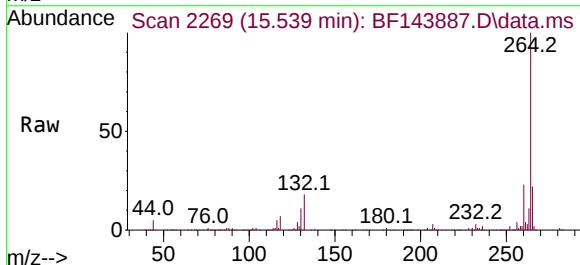
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

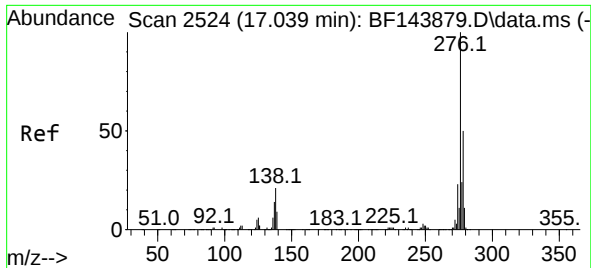
Tgt Ion:149 Resp: 661312
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.9 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:264 Resp: 279333
Ion Ratio Lower Upper
264 100
260 23.5 17.8 26.8
265 22.1 17.5 26.3

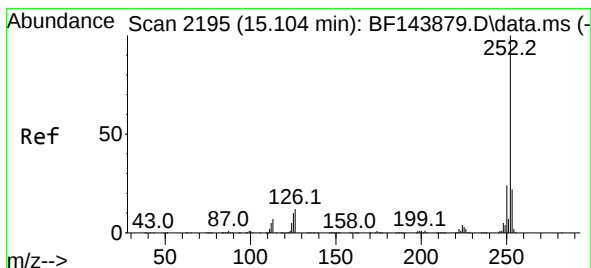
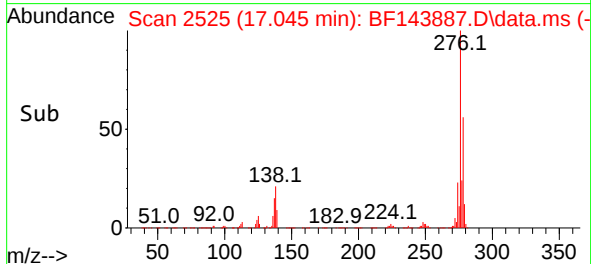
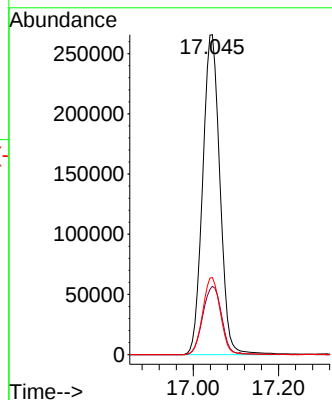
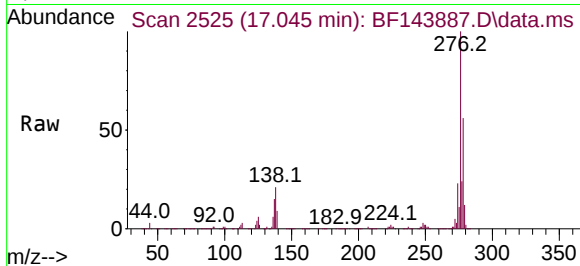




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.634 ng
RT: 17.045 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

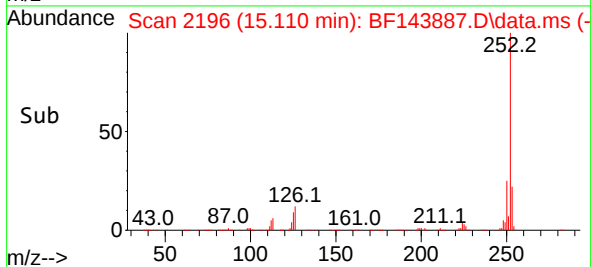
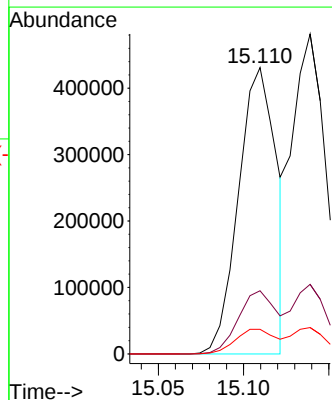
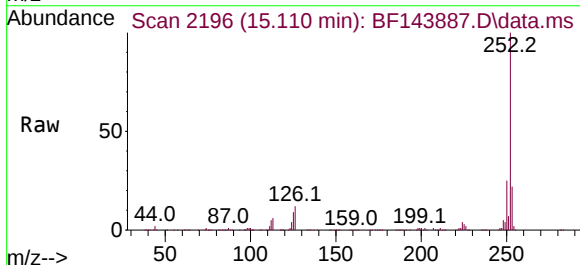
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

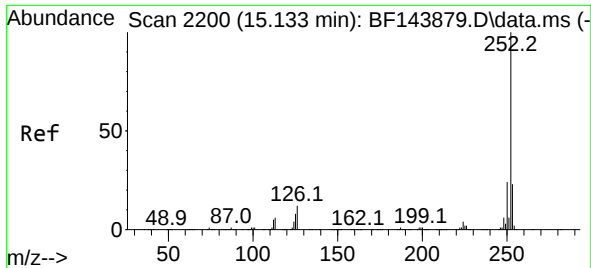
Tgt Ion:276 Resp: 746842
Ion Ratio Lower Upper
276 100
138 23.3 18.2 27.2
277 24.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 41.510 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:252 Resp: 666065
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 45.251 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

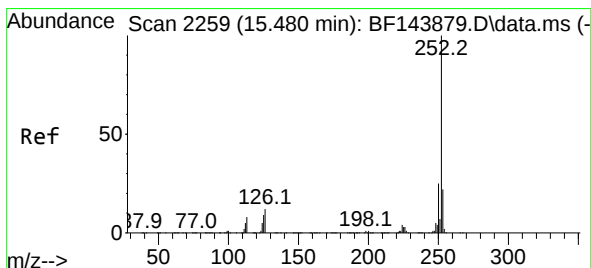
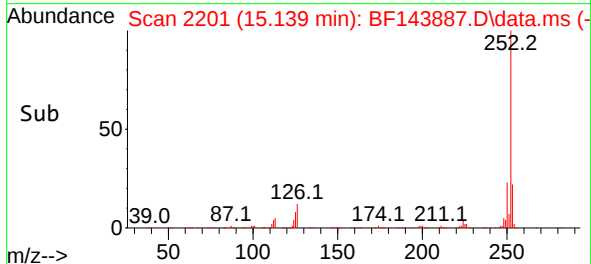
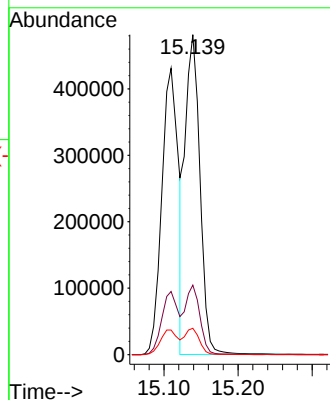
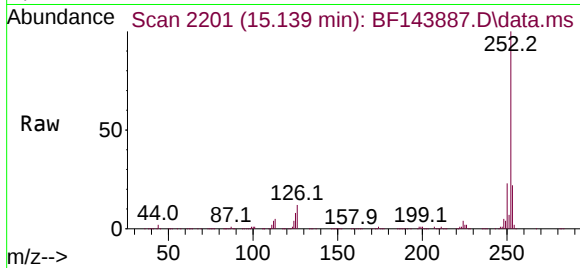
Tgt Ion:252 Resp: 671860

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 43.950 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

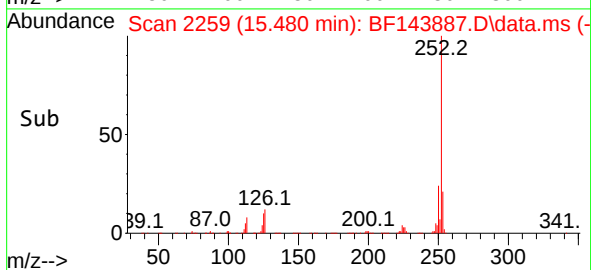
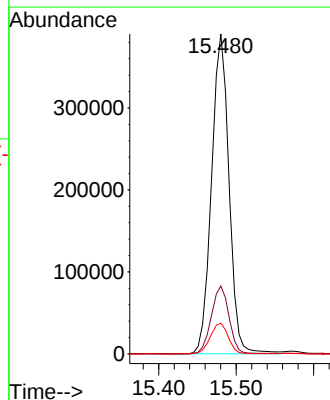
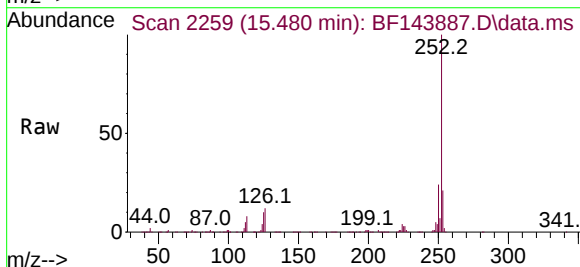
Tgt Ion:252 Resp: 611488

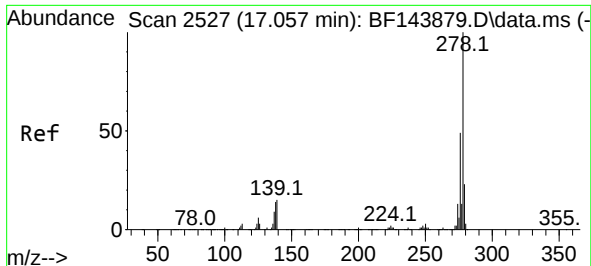
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 9.6 7.0 10.4

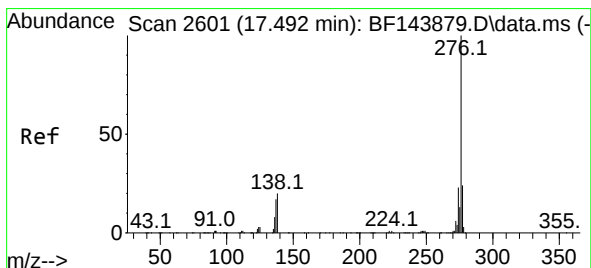
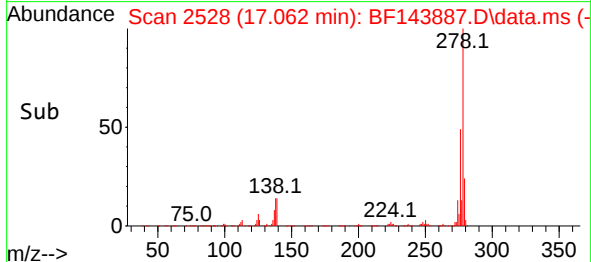
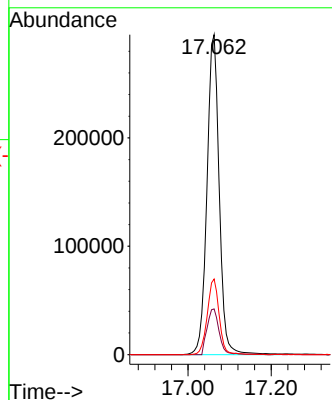
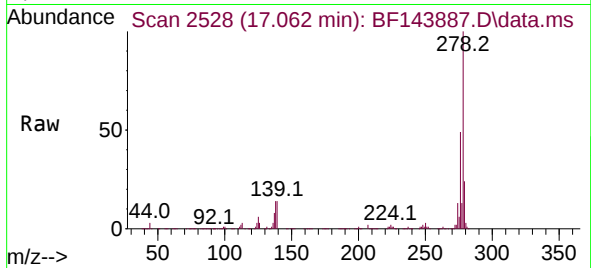




#91
Dibenzo(a,h)anthracene
Concen: 43.815 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 603140
Ion Ratio Lower Upper
278 100
139 14.3 11.7 17.5
279 23.6 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 43.585 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:276 Resp: 599979
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 21.2 16.1 24.1

