

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF143997.D
 Acq On : 20 Oct 2025 13:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 20 15:47:39 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	108923	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	424804	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	230266	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	385198	20.00	ng	0.00
76) Chrysene-d12	14.063	240	224376	20.00	ng	0.00
86) Perylene-d12	15.545	264	212318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	556406	81.12	ng	0.00
7) Phenol-d6	6.504	99	651473	79.68	ng	-0.01
23) Nitrobenzene-d5	7.445	82	574397	82.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	182619	79.62	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076099	74.15	ng	-0.01
79) Terphenyl-d14	13.004	244	1098074	83.64	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	132203	41.65	ng	96
3) Pyridine	3.405	79	371861	40.24	ng	98
4) n-Nitrosodimethylamine	3.352	42	182244	37.49	ng	94
6) Aniline	6.545	93	482464	39.38	ng	100
8) 2-Chlorophenol	6.663	128	269677	40.22	ng	99
9) Benzaldehyde	6.434	77	262349	41.60	ng	99
10) Phenol	6.522	94	406281	41.57	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	303464	40.19	ng	99
12) 1,3-Dichlorobenzene	6.822	146	323149	40.26	ng	97
13) 1,4-Dichlorobenzene	6.898	146	317957	40.16	ng	98
14) 1,2-Dichlorobenzene	7.051	146	308063	40.63	ng	99
15) Benzyl Alcohol	7.022	79	250750	40.93	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	708161	41.20	ng	100
17) 2-Methylphenol	7.128	107	220591	39.81	ng	99
18) Hexachloroethane	7.392	117	108316	41.03	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	209767	37.48	ng	99
20) 3+4-Methylphenols	7.281	107	261837	40.77	ng	95
22) Acetophenone	7.293	105	346907	38.62	ng	99
24) Nitrobenzene	7.463	77	314885	40.55	ng	97
25) Isophorone	7.704	82	561074	38.06	ng	99
26) 2-Nitrophenol	7.781	139	152343	45.76	ng	98
27) 2,4-Dimethylphenol	7.816	122	242907	40.56	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	363320	39.01	ng	99
29) 2,4-Dichlorophenol	8.022	162	244787	39.24	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	242977	39.61	ng	99
31) Naphthalene	8.187	128	758157	39.23	ng	100
32) Benzoic acid	7.922	122	156304	37.71	ng	99
33) 4-Chloroaniline	8.234	127	287656	39.69	ng	99
34) Hexachlorobutadiene	8.304	225	165202	38.75	ng	97
35) Caprolactam	8.604	113	78033	39.34	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	231734	38.68	ng	98
37) 2-Methylnaphthalene	8.881	142	495354	38.48	ng	99
38) 1-Methylnaphthalene	8.981	142	480130	38.45	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	257851	40.52	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108840	41.22	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	186670	40.14	ng	98

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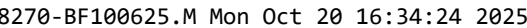
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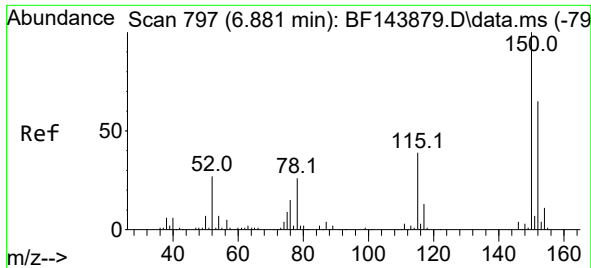
Quant Time: Oct 20 15:47:39 2025
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 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194558	39.59	ng	99
46) 1,1'-Biphenyl	9.345	154	597014	39.16	ng	99
47) 2-Chloronaphthalene	9.369	162	508631	40.01	ng	97
48) 2-Nitroaniline	9.463	65	169771	42.25	ng	94
49) Acenaphthylene	9.781	152	715169	40.02	ng	99
50) Dimethylphthalate	9.639	163	569940	38.98	ng	99
51) 2,6-Dinitrotoluene	9.704	165	120781	44.54	ng	97
52) Acenaphthene	9.957	154	458028	39.12	ng	100
53) 3-Nitroaniline	9.875	138	141223	42.54	ng	99
54) 2,4-Dinitrophenol	9.981	184	51582	35.11	ng	94
55) Dibenzofuran	10.128	168	652550	39.48	ng	98
56) 4-Nitrophenol	10.034	139	96087	38.22	ng	93
57) 2,4-Dinitrotoluene	10.110	165	167503	45.40	ng	96
58) Fluorene	10.475	166	478793	38.39	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	137352	39.49	ng	# 99
60) Diethylphthalate	10.339	149	535315	39.41	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	259220	39.31	ng	98
62) 4-Nitroaniline	10.486	138	130811	40.97	ng	94
63) Azobenzene	10.622	77	558403	39.33	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	84504	43.66	ng	94
66) n-Nitrosodiphenylamine	10.581	169	481588	39.82	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	169268	39.76	ng	96
68) Hexachlorobenzene	11.022	284	195530	39.67	ng	99
69) Atrazine	11.110	200	143511	39.15	ng	99
70) Pentachlorophenol	11.216	266	101251	35.77	ng	98
71) Phenanthrene	11.439	178	744542	39.87	ng	99
72) Anthracene	11.492	178	745746	39.53	ng	99
73) Carbazole	11.645	167	660829	39.55	ng	99
74) Di-n-butylphthalate	11.975	149	781181	40.34	ng	99
75) Fluoranthene	12.627	202	753991	39.09	ng	99
77) Benzidine	12.751	184	248566	31.90	ng	98
78) Pyrene	12.863	202	768419	41.08	ng	99
80) Butylbenzylphthalate	13.474	149	252520	41.57	ng	98
81) Benzo(a)anthracene	14.051	228	572605	39.00	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	176158	39.37	ng	99
83) Chrysene	14.086	228	540703	39.79	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	288745	39.43	ng	99
85) Di-n-octyl phthalate	14.651	149	460570	38.29	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	607776	46.72	ng	98
88) Benzo(b)fluoranthene	15.110	252	462937	37.96	ng	99
89) Benzo(k)fluoranthene	15.139	252	463363	41.06	ng	98
90) Benzo(a)pyrene	15.480	252	431094	40.76	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	491981	47.02	ng	99
92) Benzo(g,h,i)perylene	17.504	276	489771	46.81	ng	98

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

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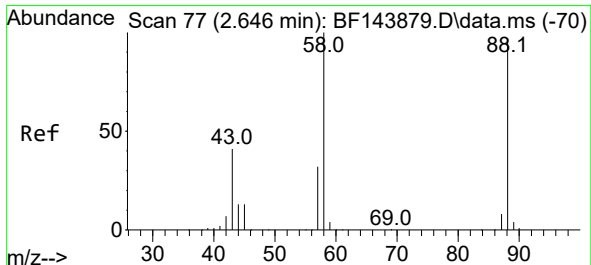
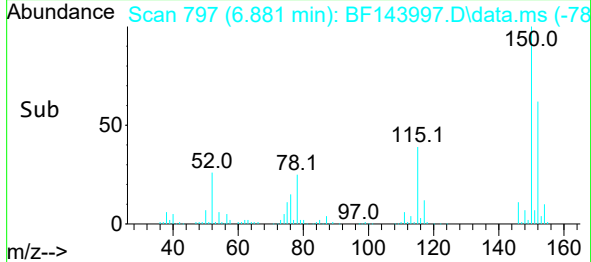
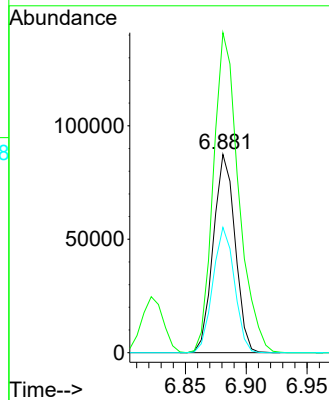
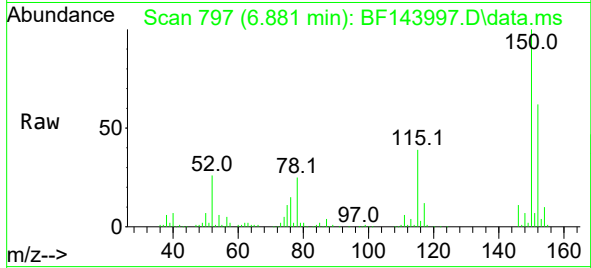




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143997.D
 Acq: 20 Oct 2025 13:28

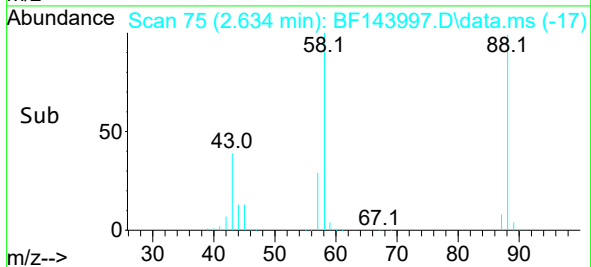
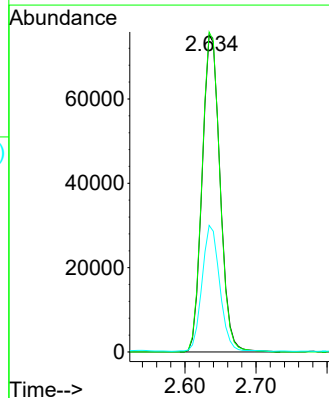
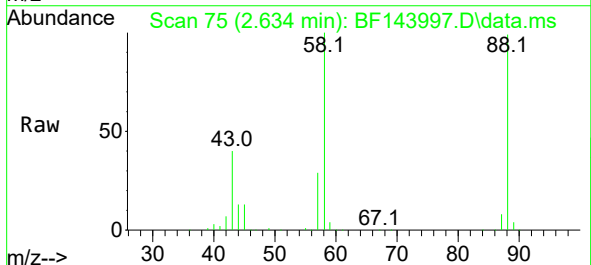
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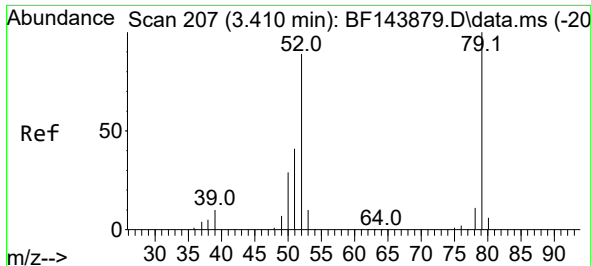
Tgt Ion:152 Resp: 108923
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.4 186.6
 115 63.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 41.65 ng
 RT: 2.634 min Scan# 75
 Delta R.T. -0.012 min
 Lab File: BF143997.D
 Acq: 20 Oct 2025 13:28

Tgt Ion: 88 Resp: 132203
 Ion Ratio Lower Upper
 88 100
 58 100.4 83.0 124.6
 43 39.2 33.9 50.9

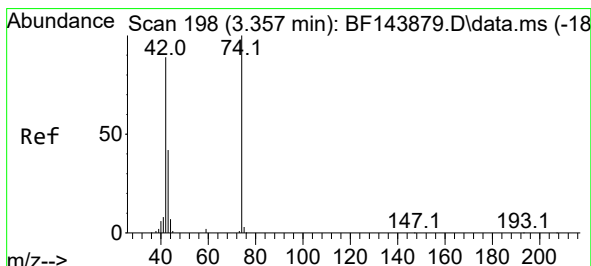
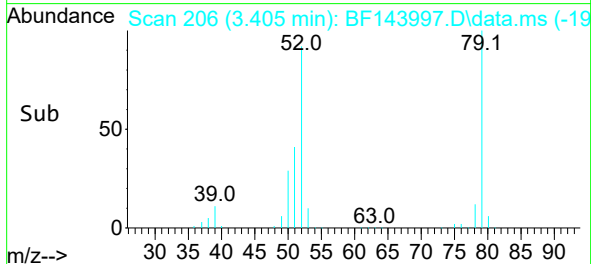
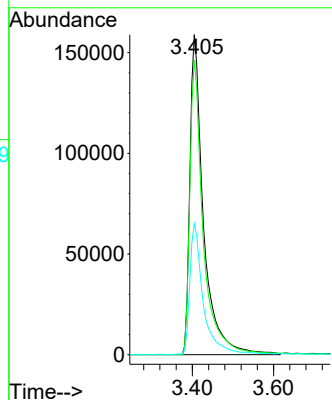
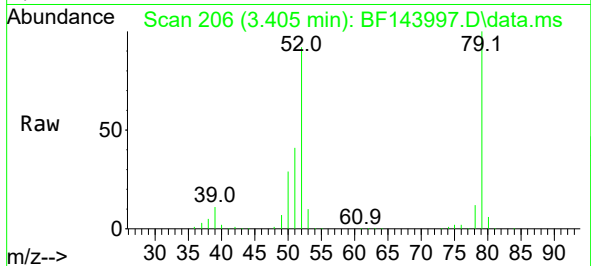




#3
Pyridine
Concen: 40.24 ng
RT: 3.405 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

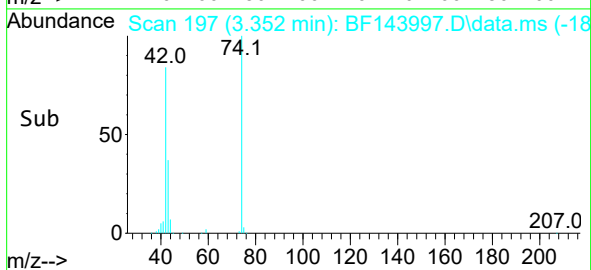
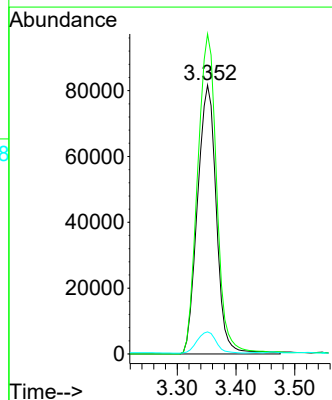
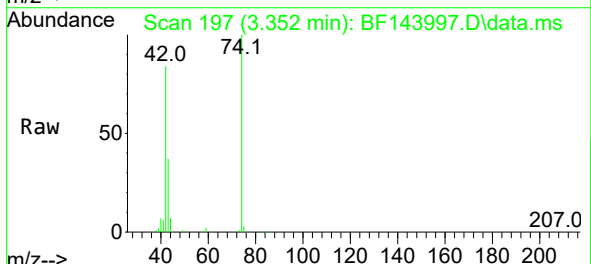
Instrument :
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ClientSampleId :
SSTDCCC040

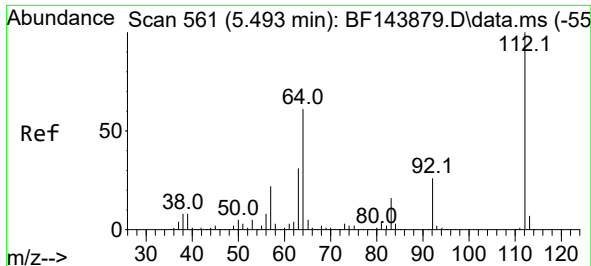
Tgt Ion: 79 Resp: 371861
Ion Ratio Lower Upper
79 100
52 92.0 71.5 107.3
51 40.9 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 37.49 ng
RT: 3.352 min Scan# 197
Delta R.T. -0.035 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 42 Resp: 182244
Ion Ratio Lower Upper
42 100
74 119.1 90.0 135.0
44 8.2 6.2 9.2

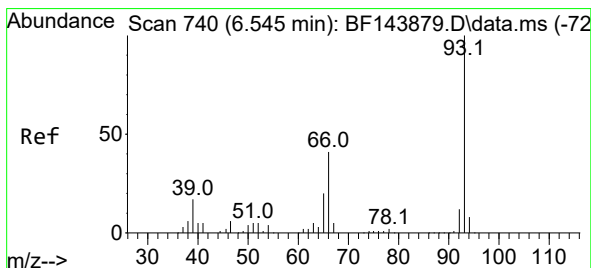
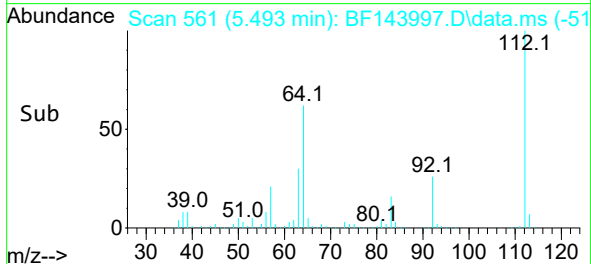
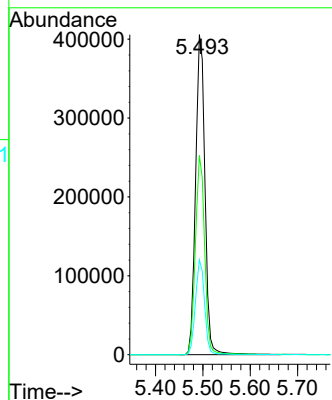
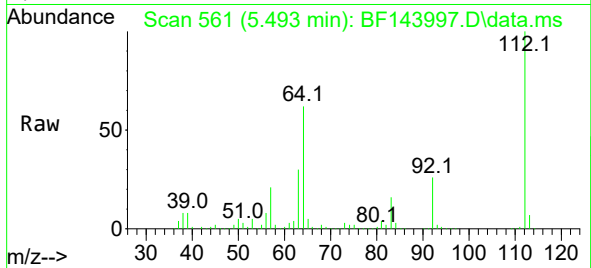




#5
2-Fluorophenol
Concen: 81.12 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

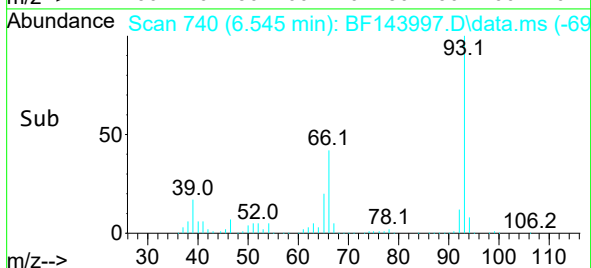
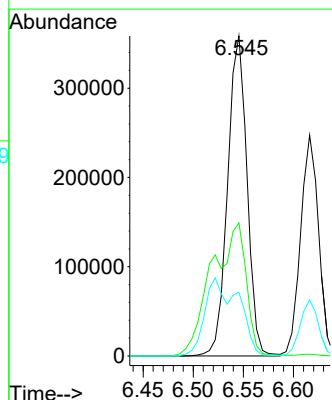
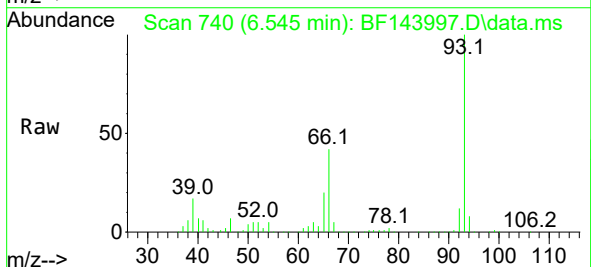
Instrument :
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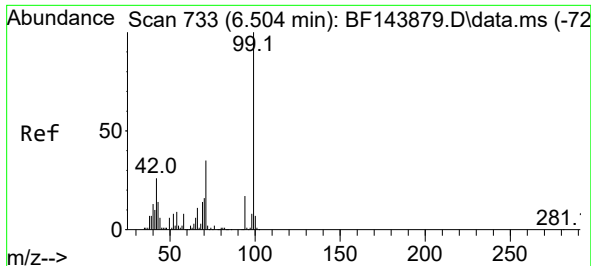
Tgt Ion:112 Resp: 556406
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 29.6 24.5 36.7



#6
Aniline
Concen: 39.38 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 93 Resp: 482464
Ion Ratio Lower Upper
93 100
66 41.6 33.0 49.6
65 19.9 15.8 23.8

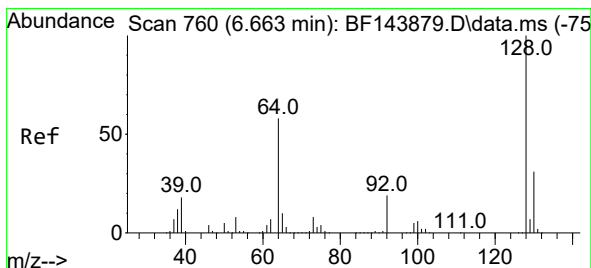
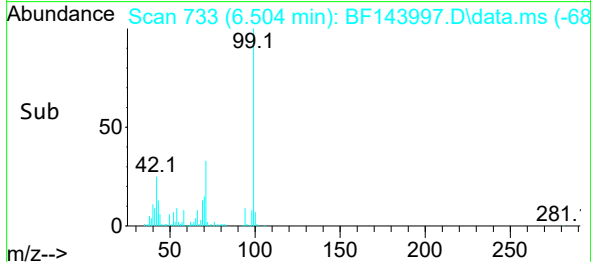
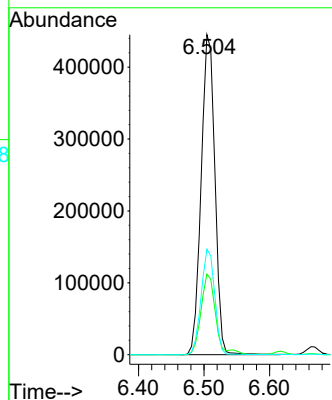
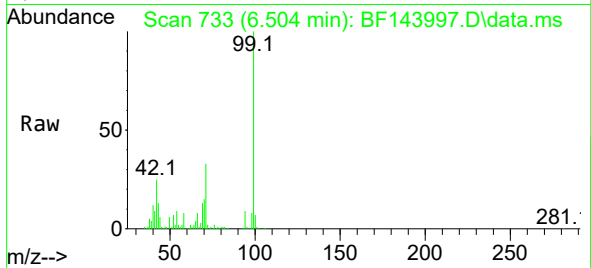




#7
Phenol-d6
Concen: 79.68 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

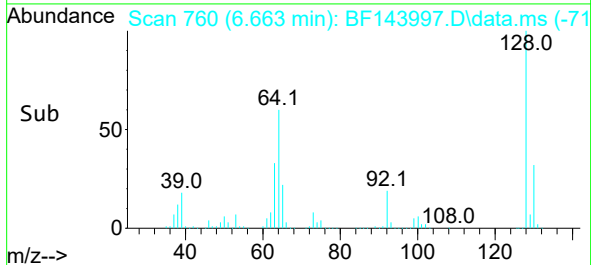
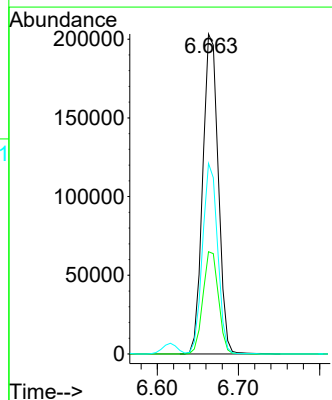
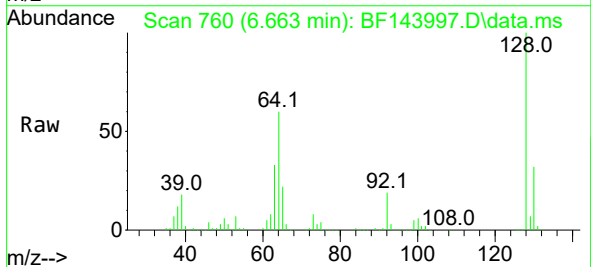
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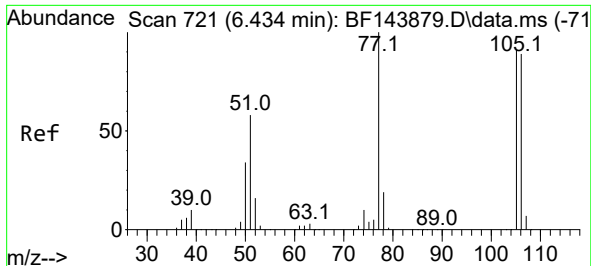
Tgt Ion: 99 Resp: 651473
Ion Ratio Lower Upper
99 100
42 25.2 21.0 31.4
71 32.9 27.8 41.8



#8
2-Chlorophenol
Concen: 40.22 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:128 Resp: 269677
Ion Ratio Lower Upper
128 100
130 32.0 10.7 50.7
64 59.6 39.0 79.0

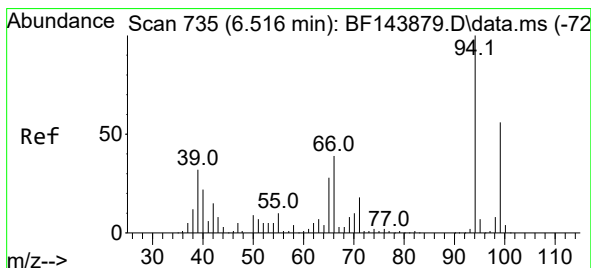
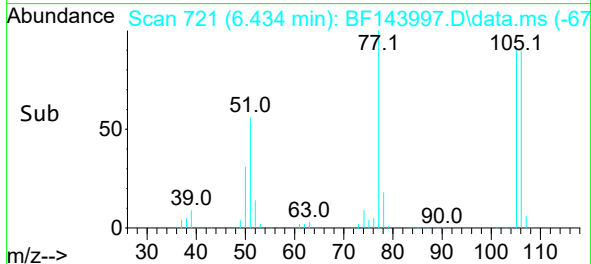
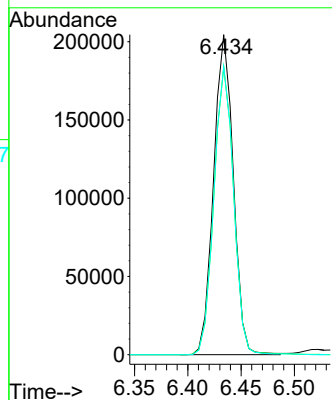
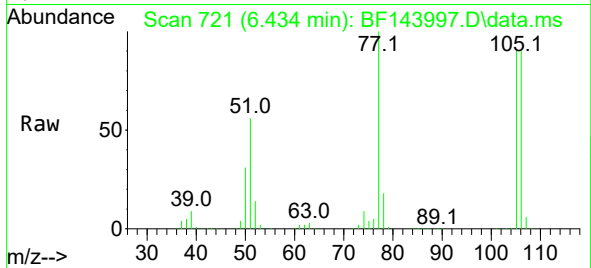




#9
Benzaldehyde
Concen: 41.60 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

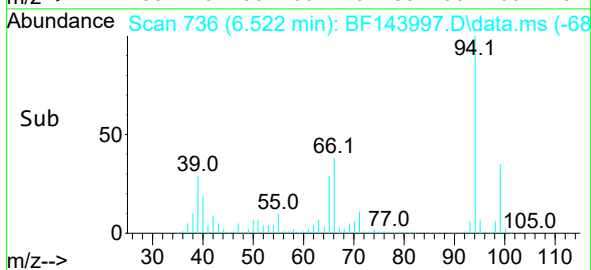
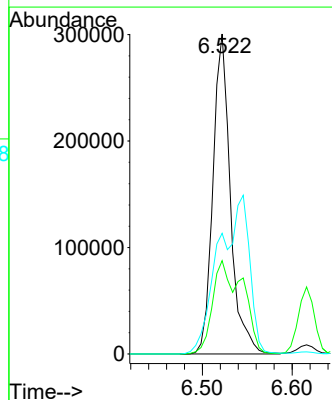
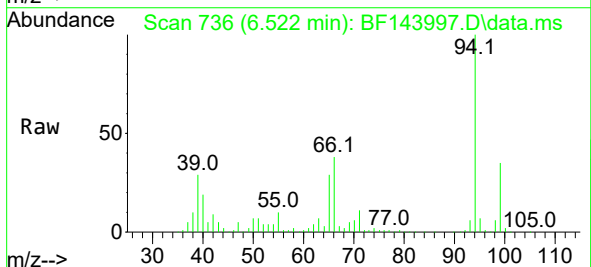
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ClientSampleId :
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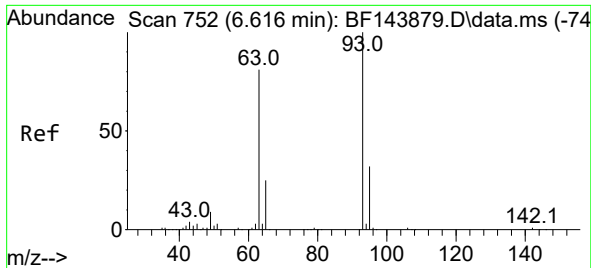
Tgt Ion: 77 Resp: 262349
Ion Ratio Lower Upper
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105 89.9 70.9 110.9
106 90.1 68.9 108.9



#10
Phenol
Concen: 41.57 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 94 Resp: 406281
Ion Ratio Lower Upper
94 100
65 29.1 8.5 48.5
66 37.7 19.9 59.9

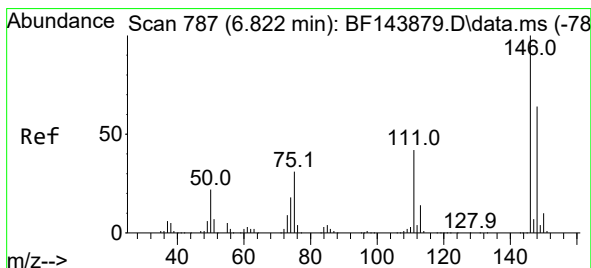
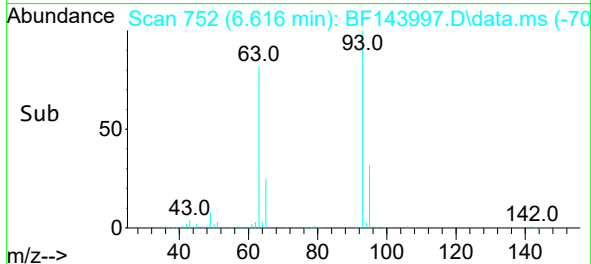
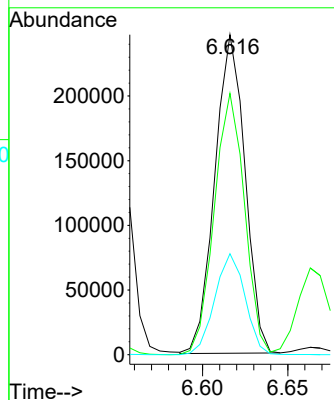
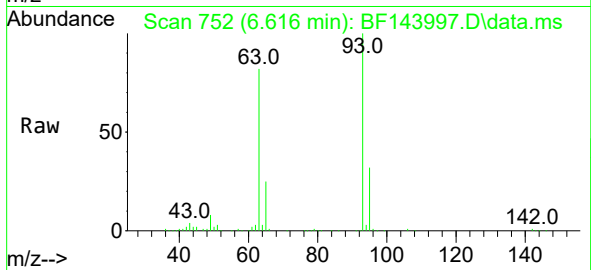




#11
bis(2-Chloroethyl)ether
Concen: 40.19 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

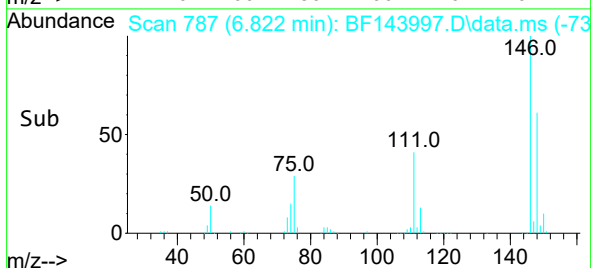
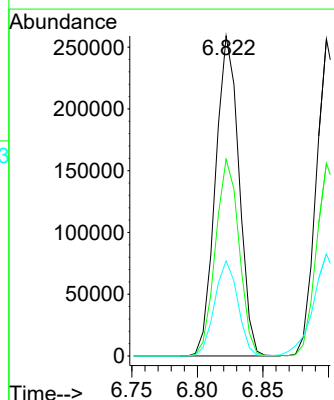
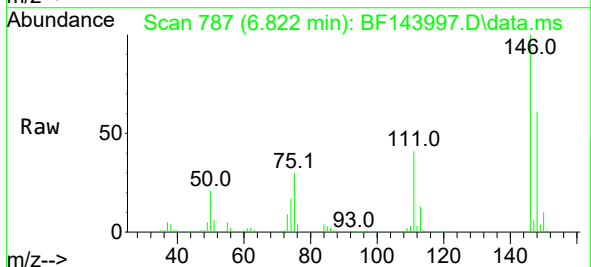
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

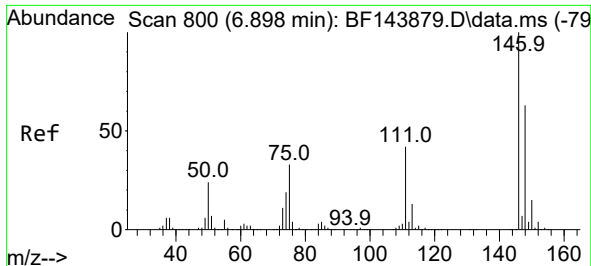
Tgt Ion: 93 Resp: 303464
Ion Ratio Lower Upper
93 100
63 81.6 60.9 100.9
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.26 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:146 Resp: 323149
Ion Ratio Lower Upper
146 100
148 61.5 51.0 76.4
75 29.8 24.9 37.3

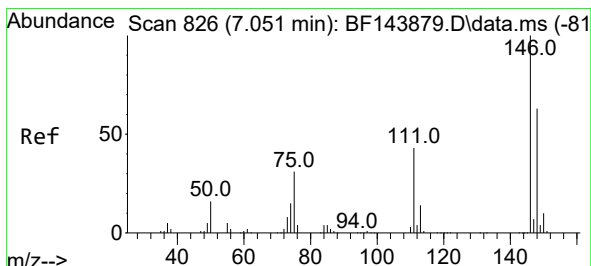
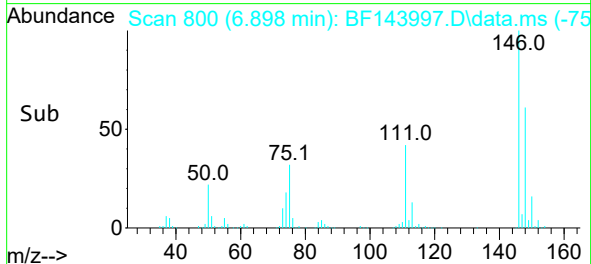
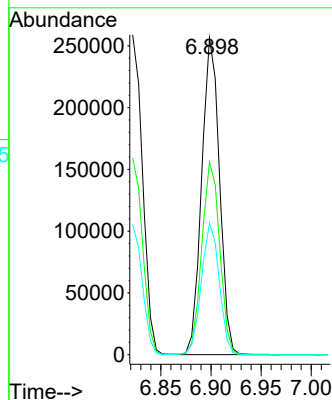
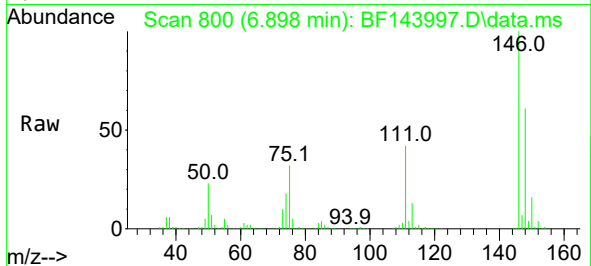




#13
1,4-Dichlorobenzene
Concen: 40.16 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

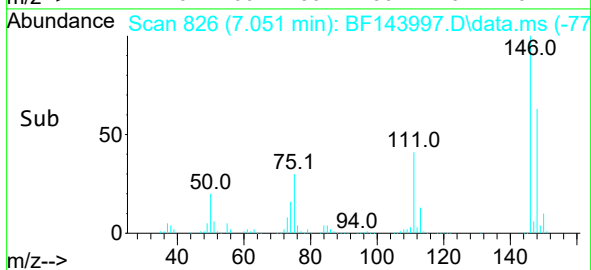
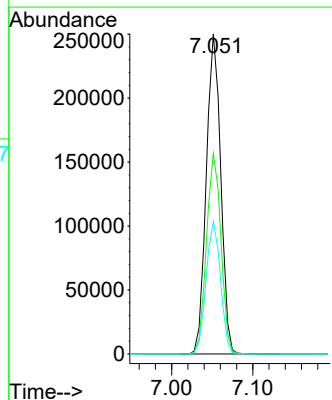
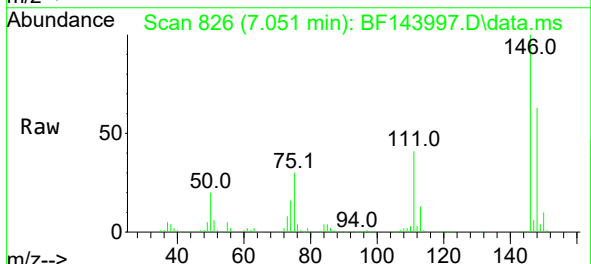
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

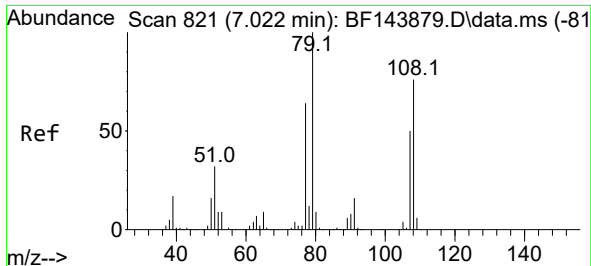
Tgt Ion:146 Resp: 317957
Ion Ratio Lower Upper
146 100
148 60.9 50.5 75.7
111 41.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.63 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:146 Resp: 308063
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
111 41.5 34.6 51.8

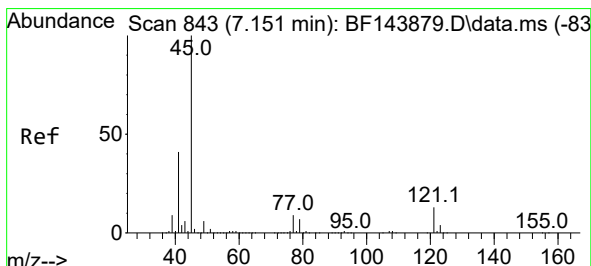
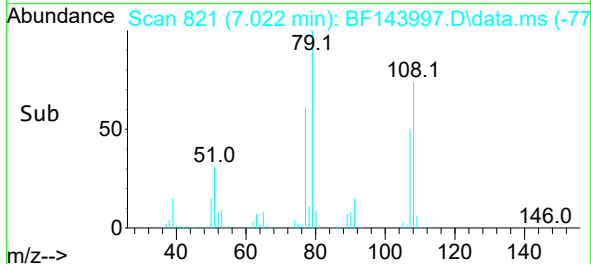
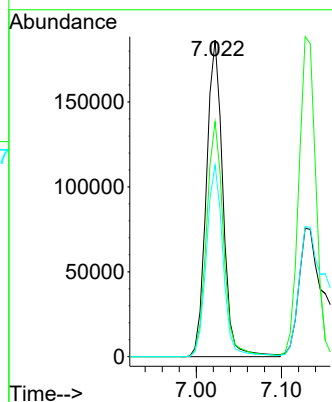
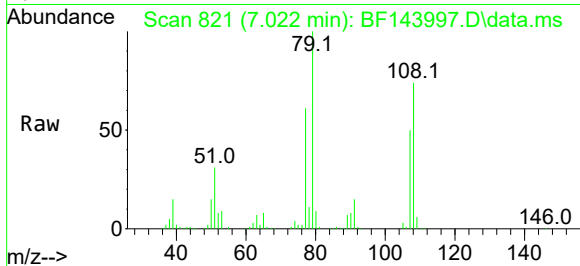




#15
Benzyl Alcohol
Concen: 40.93 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

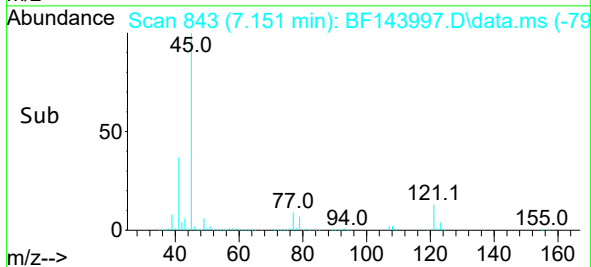
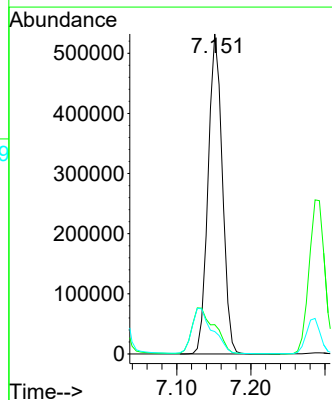
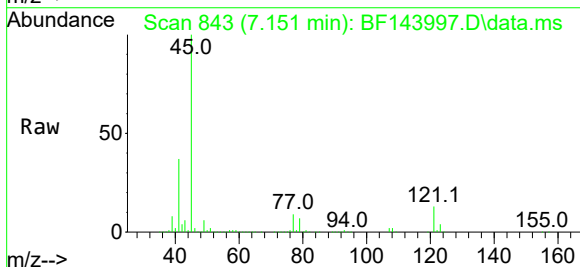
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

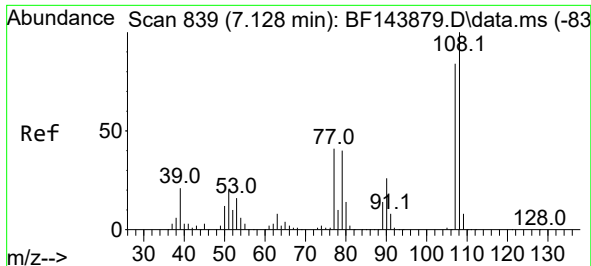
Tgt Ion: 79 Resp: 250750
Ion Ratio Lower Upper
79 100
108 74.3 60.8 91.2
77 60.6 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.20 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 45 Resp: 708161
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.0
79 7.0 0.0 26.8

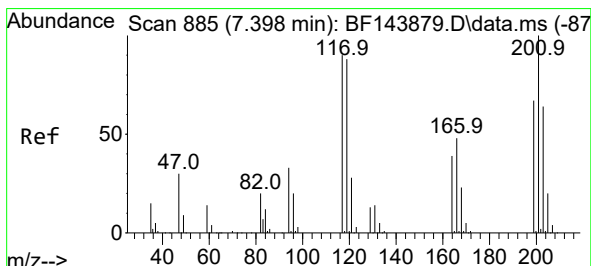
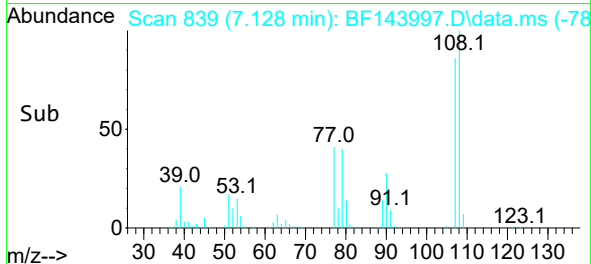
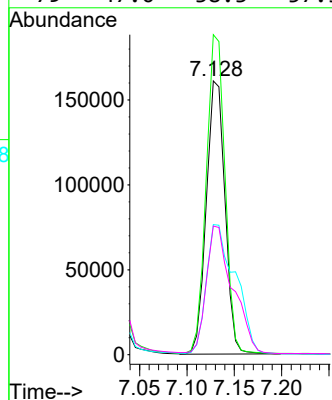
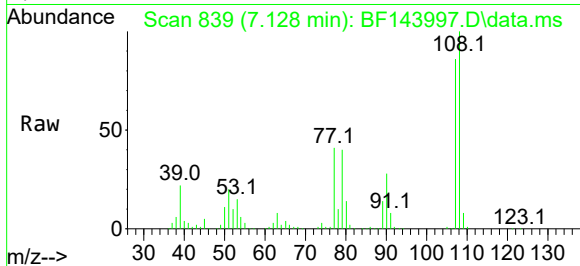




#17
2-Methylphenol
Concen: 39.81 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

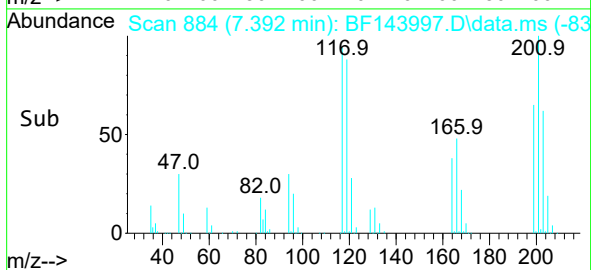
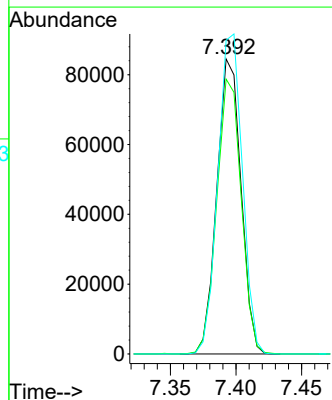
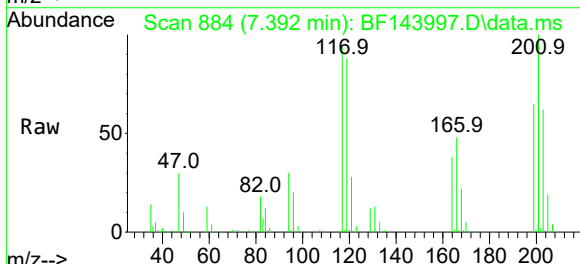
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

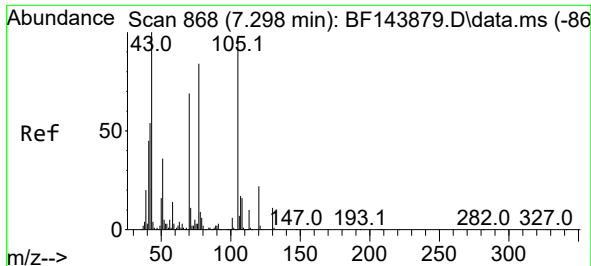
Tgt Ion:	107	Resp:	220591
Ion	Ratio	Lower	Upper
107	100		
108	116.9	94.7	142.1
77	47.6	38.8	58.2
79	47.0	38.3	57.5



#18
Hexachloroethane
Concen: 41.03 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:	117	Resp:	108316
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.8	116.8
201	106.3	88.5	132.7

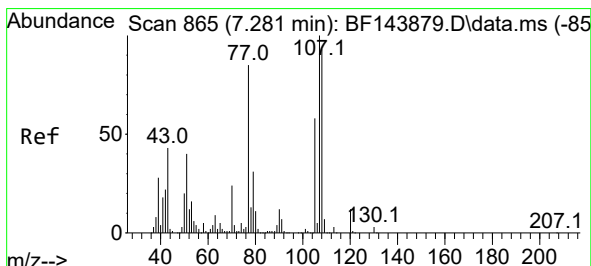
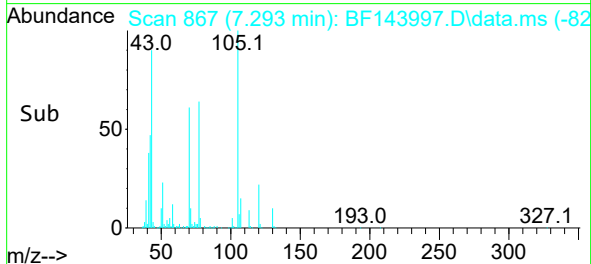
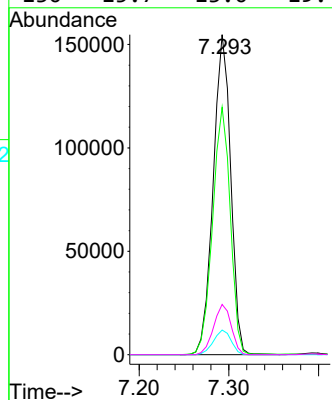
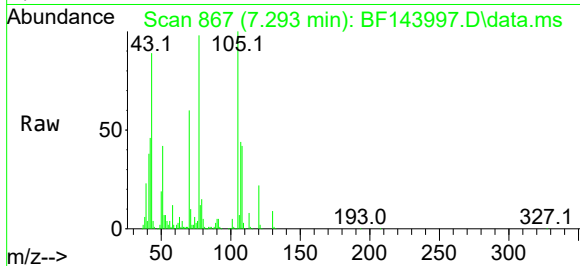




#19
n-Nitroso-di-n-propylamine
Concen: 37.48 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

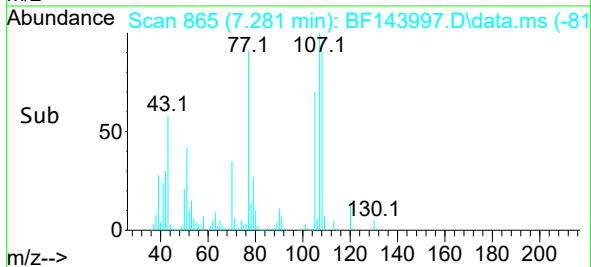
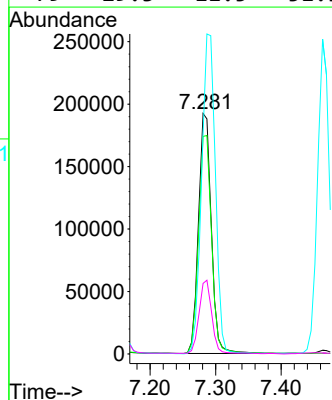
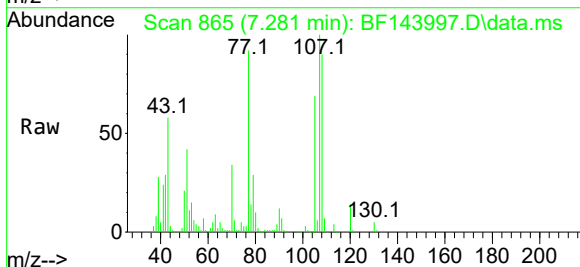
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

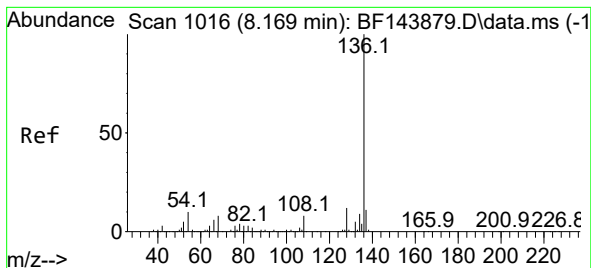
Tgt Ion: 70 Resp: 209767
Ion Ratio Lower Upper
70 100
42 77.3 62.8 94.2
101 7.7 6.7 10.1
130 15.7 13.0 19.4



#20
3+4-Methylphenols
Concen: 40.77 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 107 Resp: 261837
Ion Ratio Lower Upper
107 100
108 90.5 73.0 113.0
77 91.8 64.6 104.6
79 29.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 424804

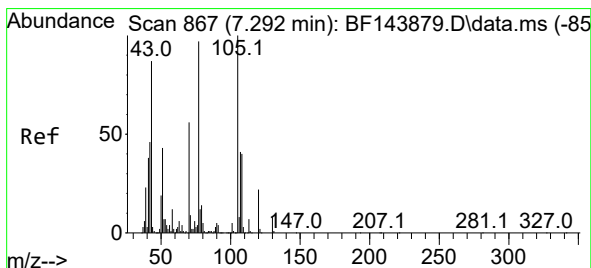
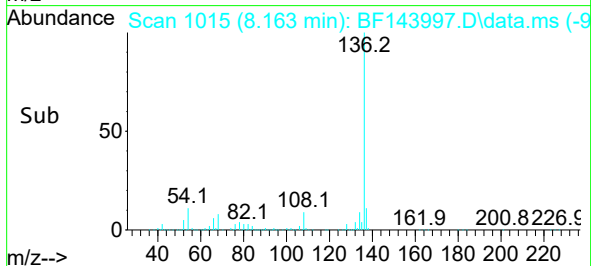
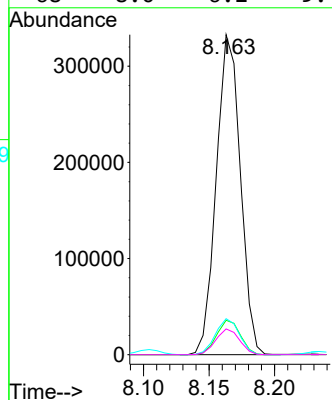
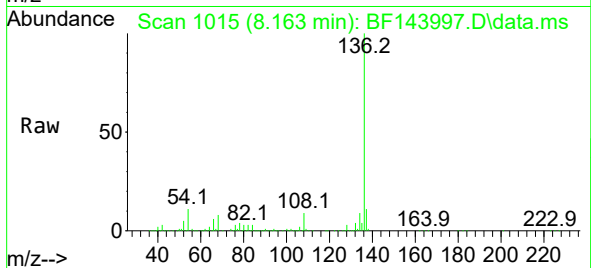
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.3 8.2 12.4

68 8.0 6.2 9.4



#22

Acetophenone

Concen: 38.62 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion:105 Resp: 346907

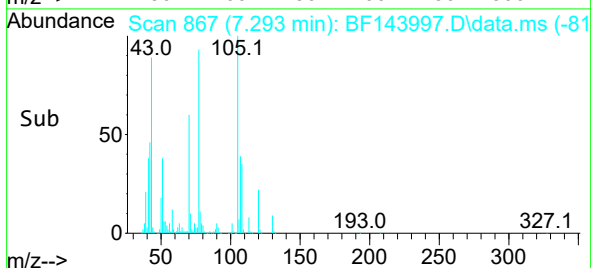
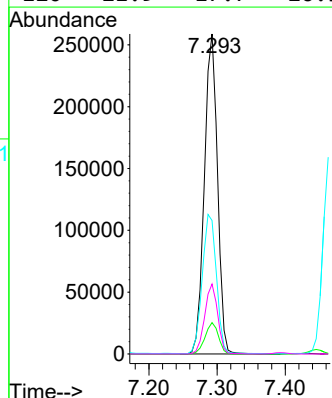
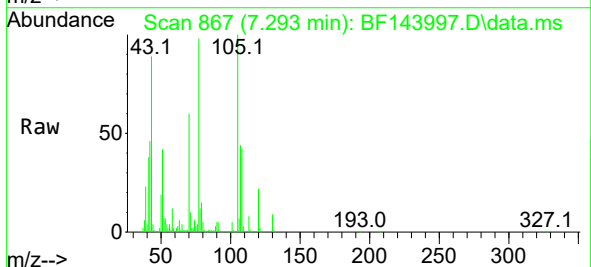
Ion Ratio Lower Upper

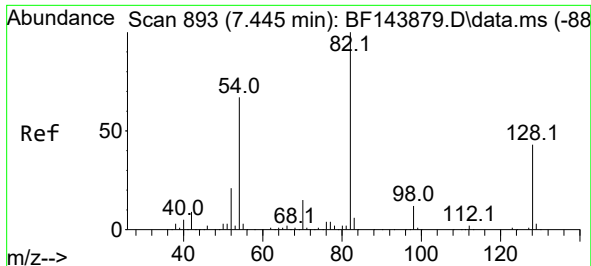
105 100

71 9.8 7.4 11.0

51 41.7 34.2 51.4

120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 82.15 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

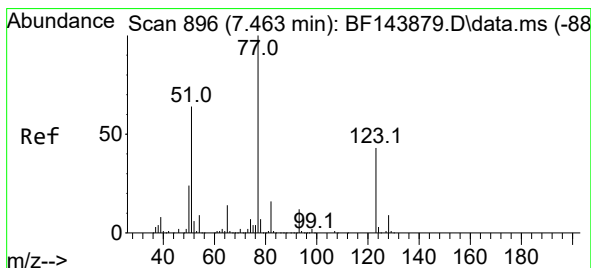
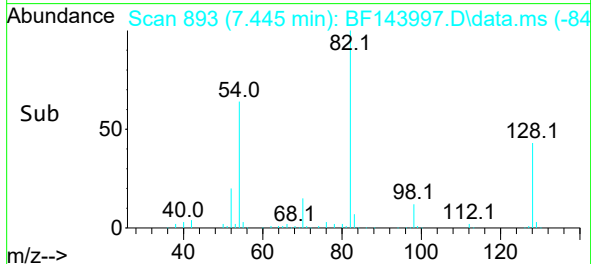
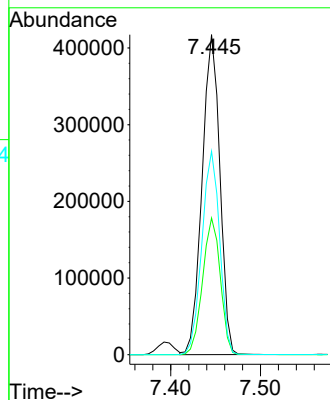
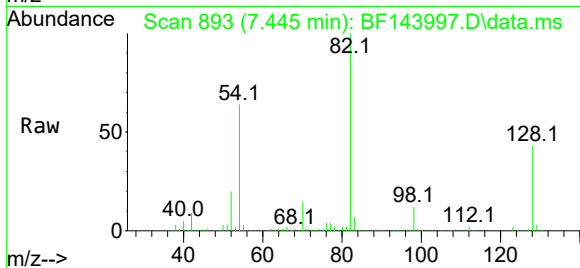
Tgt Ion: 82 Resp: 574397

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

54 63.6 53.2 79.8



#24

Nitrobenzene

Concen: 40.55 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

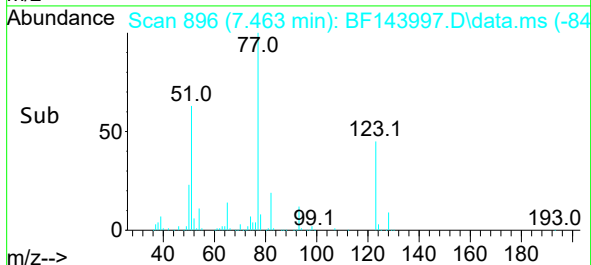
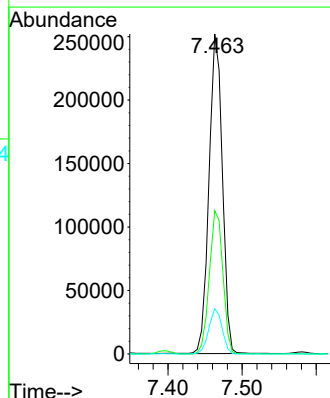
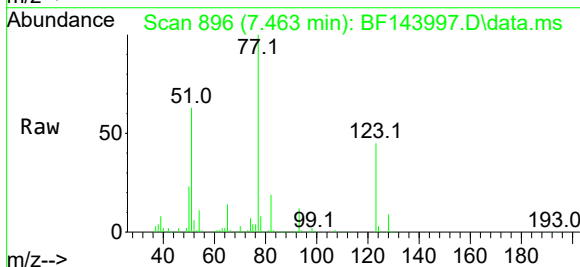
Tgt Ion: 77 Resp: 314885

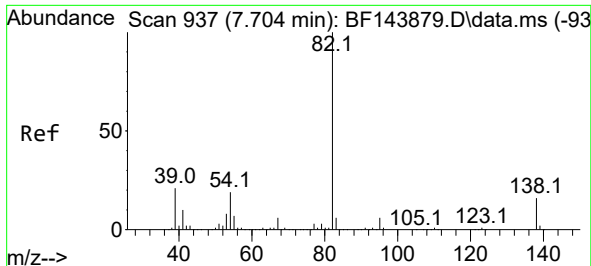
Ion Ratio Lower Upper

77 100

123 44.8 34.2 51.4

65 14.2 11.0 16.6

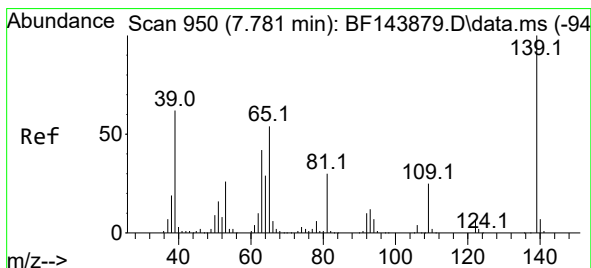
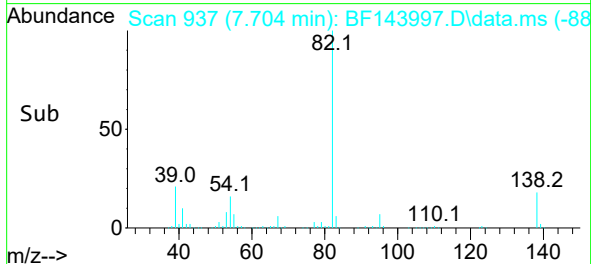
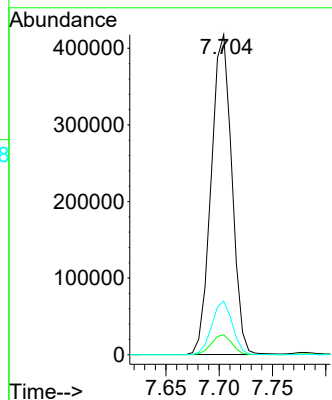
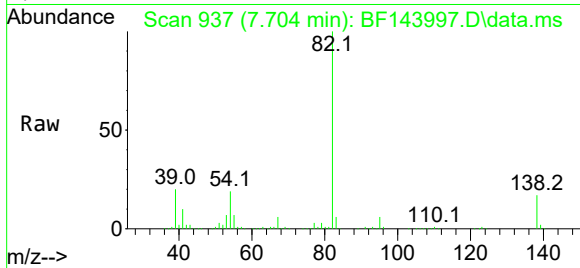




#25
Isophorone
Concen: 38.06 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

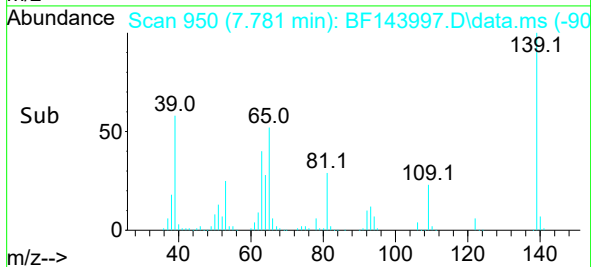
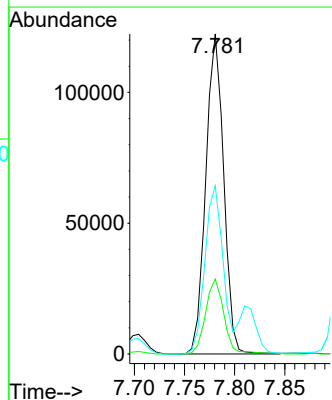
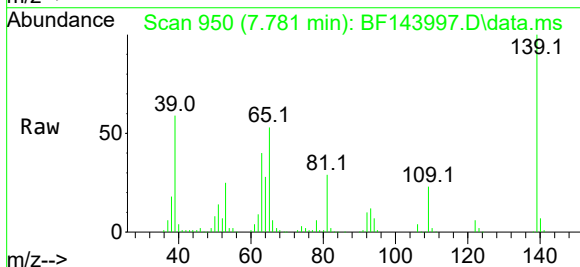
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

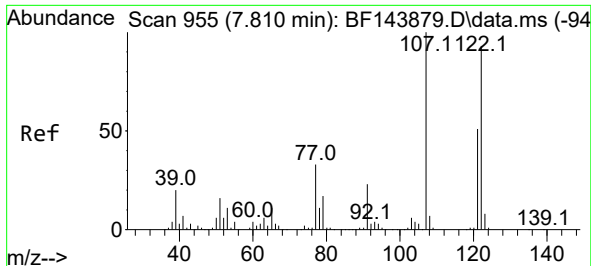
Tgt Ion: 82 Resp: 561074
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 45.76 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:139 Resp: 152343
Ion Ratio Lower Upper
139 100
109 23.4 19.8 29.6
65 52.5 42.9 64.3

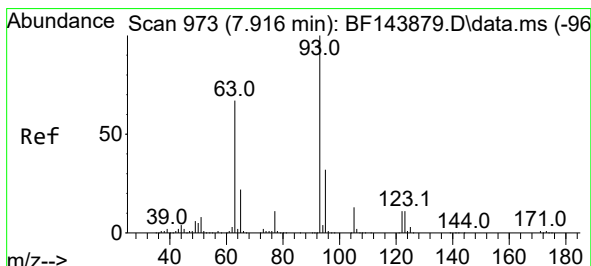
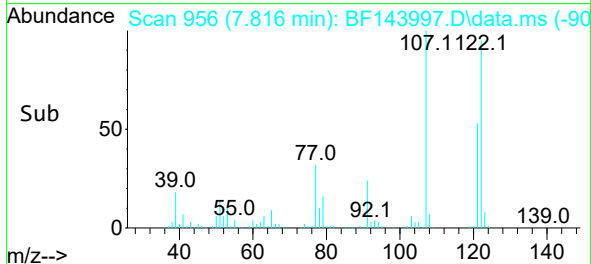
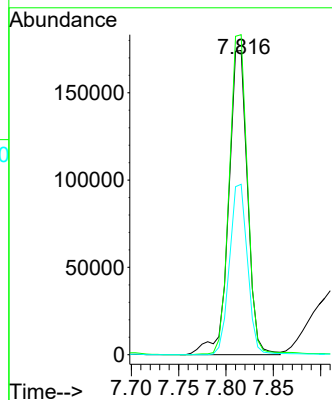
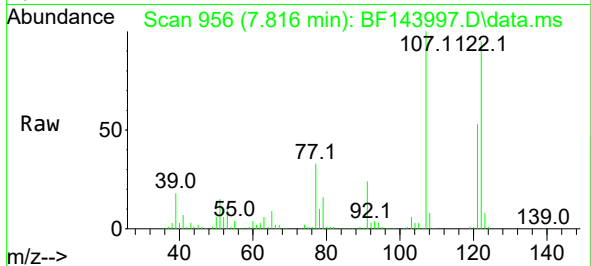




#27
2,4-Dimethylphenol
Concen: 40.56 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

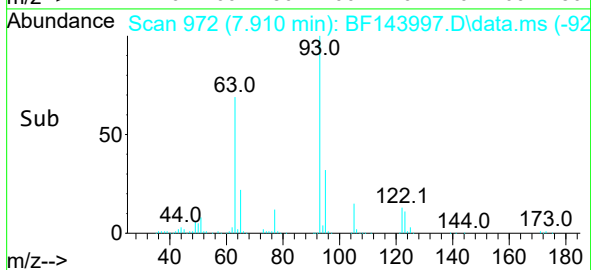
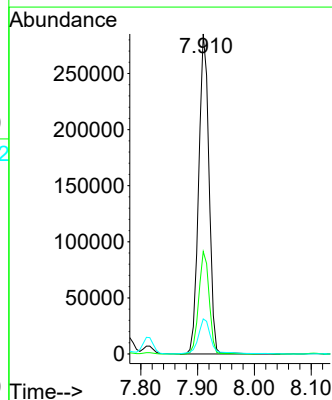
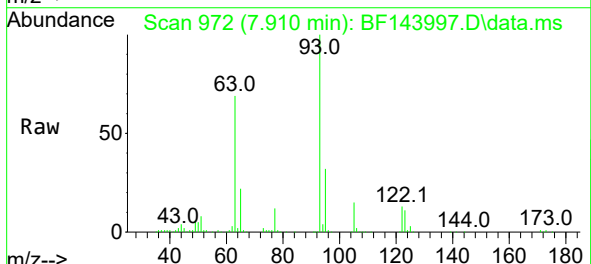
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

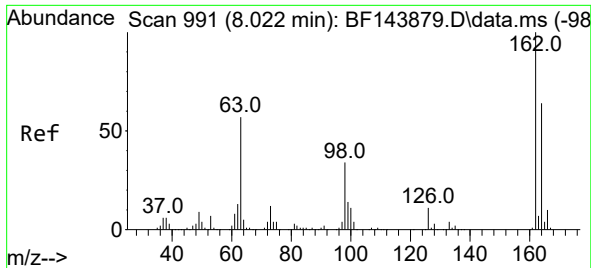
Tgt Ion:122 Resp: 242907
Ion Ratio Lower Upper
122 100
107 105.2 86.1 129.1
121 56.0 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.01 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion: 93 Resp: 363320
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.24 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

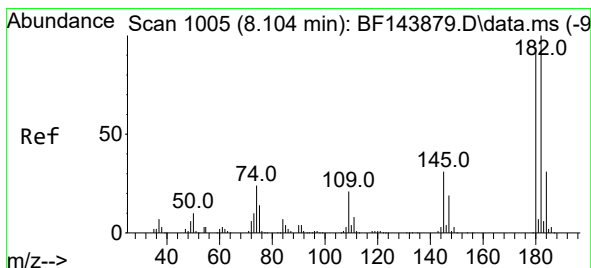
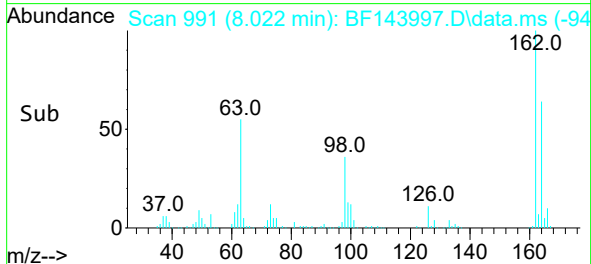
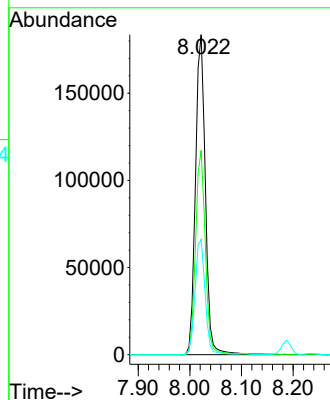
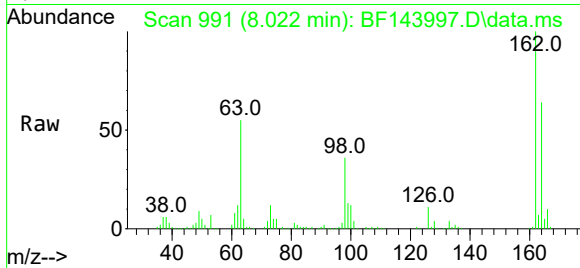
Tgt Ion:162 Resp: 244787

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 36.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 39.61 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

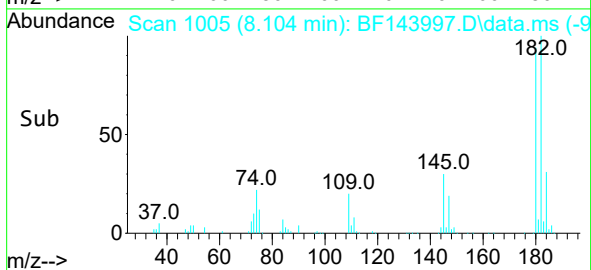
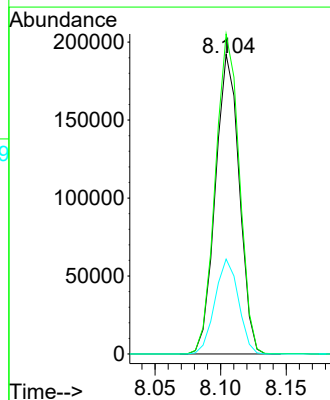
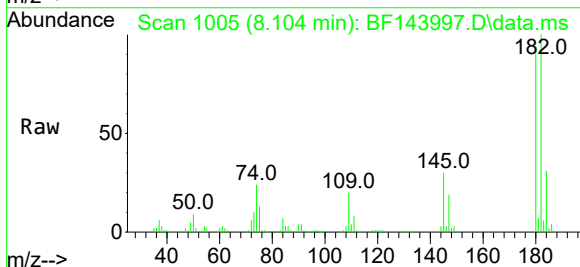
Tgt Ion:180 Resp: 242977

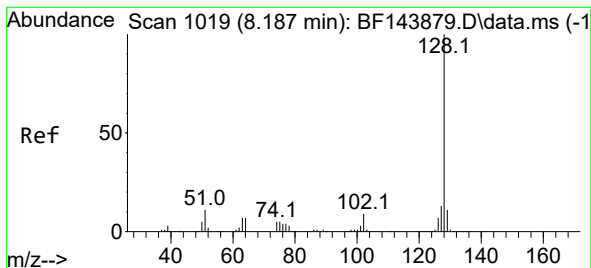
Ion Ratio Lower Upper

180 100

182 106.8 85.4 128.0

145 31.7 26.3 39.5





#31

Naphthalene

Concen: 39.23 ng

RT: 8.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

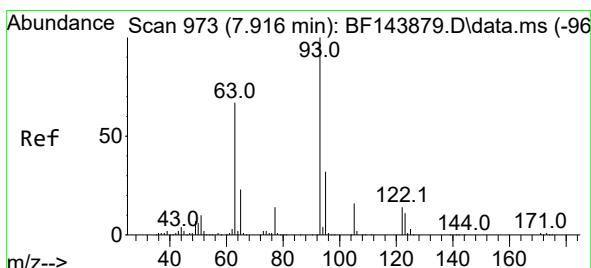
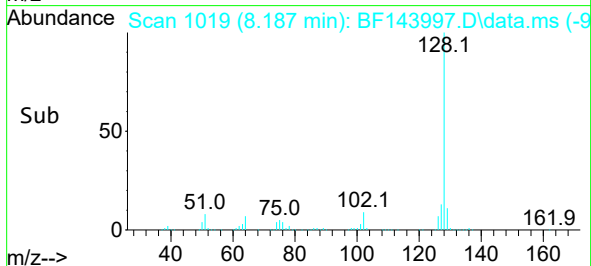
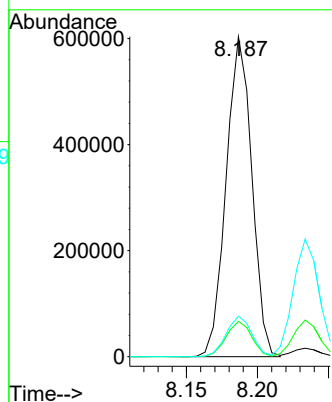
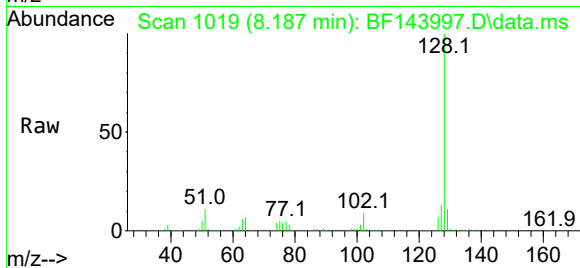
Tgt Ion:128 Resp: 758157

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 37.71 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

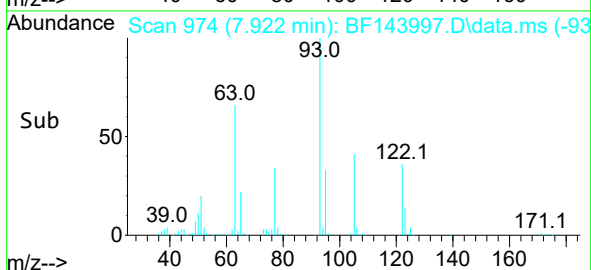
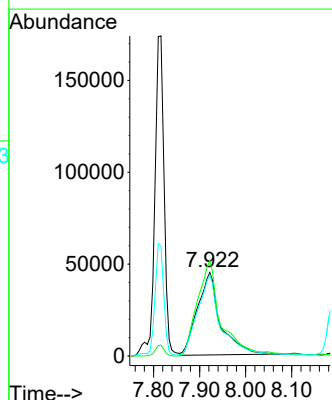
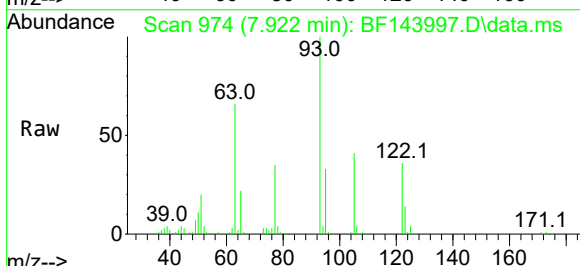
Tgt Ion:122 Resp: 156304

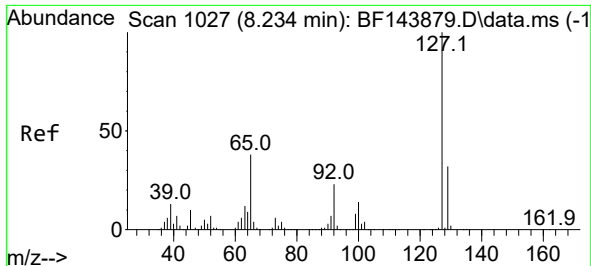
Ion Ratio Lower Upper

122 100

105 114.0 93.5 133.5

77 97.0 76.3 116.3

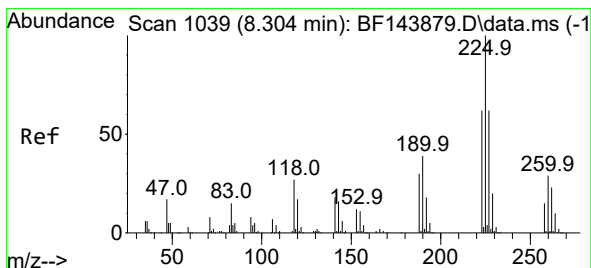
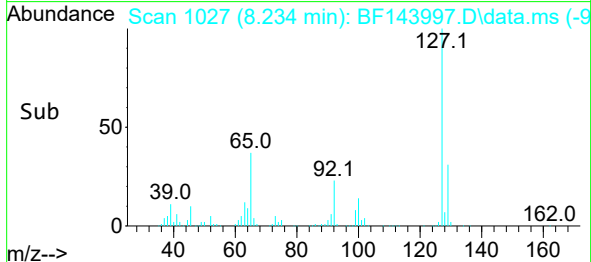
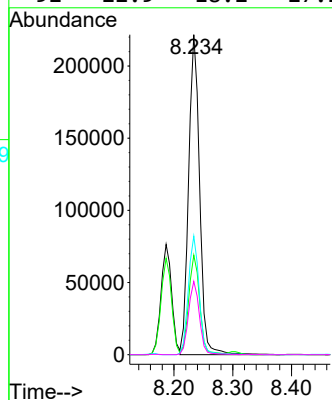
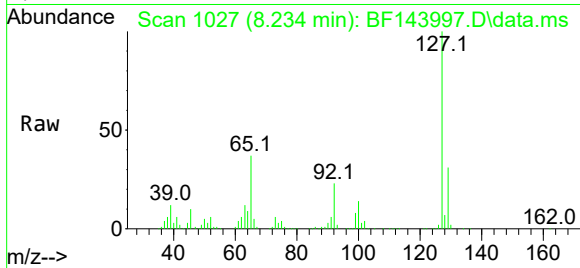




#33
4-Chloroaniline
Concen: 39.69 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

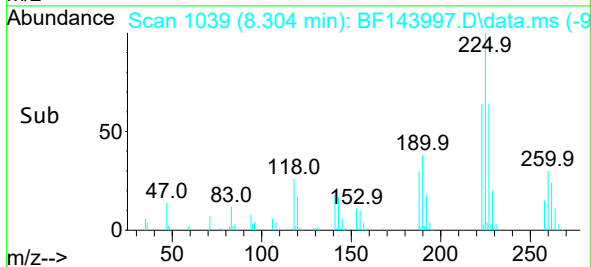
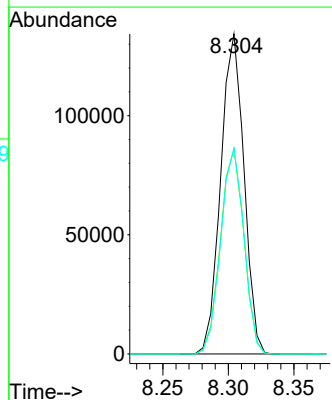
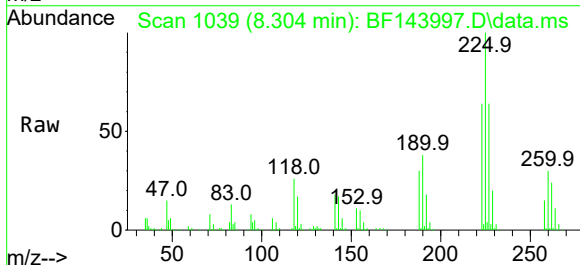
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

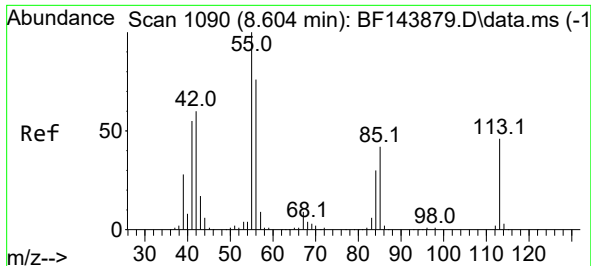
Tgt Ion:	127	Resp:	287656
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	37.1	30.0	45.0
92	22.9	18.2	27.2



#34
Hexachlorobutadiene
Concen: 38.75 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:	225	Resp:	165202
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.2
227	64.3	49.7	74.5

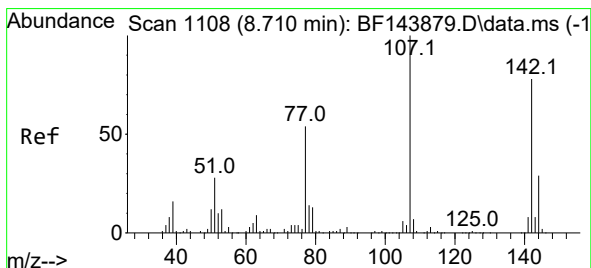
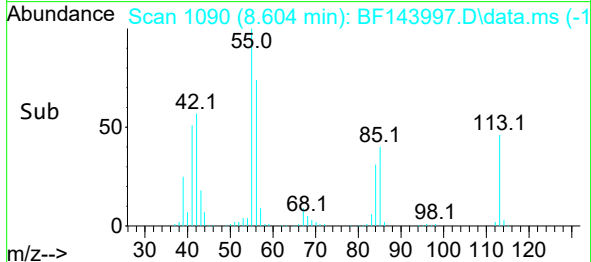
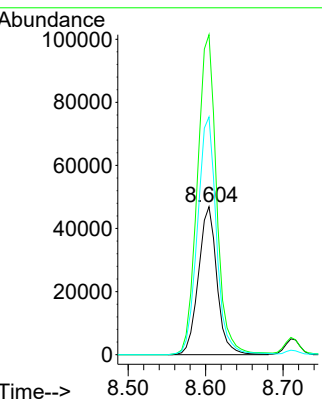
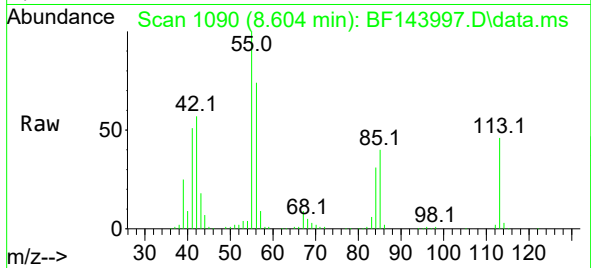




#35
 Caprolactam
 Concen: 39.34 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.041 min
 Lab File: BF143997.D
 Acq: 20 Oct 2025 13:28

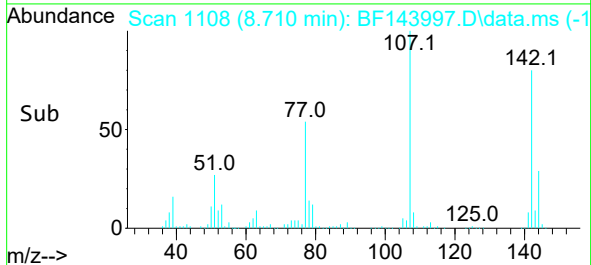
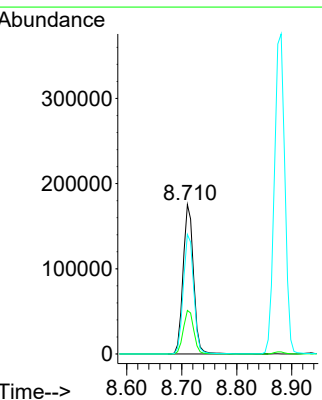
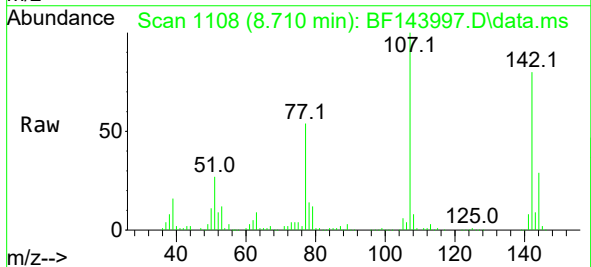
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

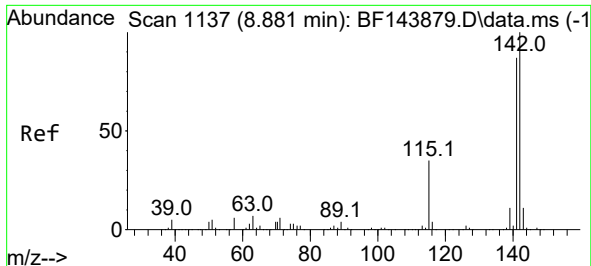
Tgt Ion:113 Resp: 78033
 Ion Ratio Lower Upper
 113 100
 55 216.3 199.6 239.6
 56 160.7 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.68 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143997.D
 Acq: 20 Oct 2025 13:28

Tgt Ion:107 Resp: 231734
 Ion Ratio Lower Upper
 107 100
 144 29.2 23.1 34.7
 142 80.0 62.6 94.0

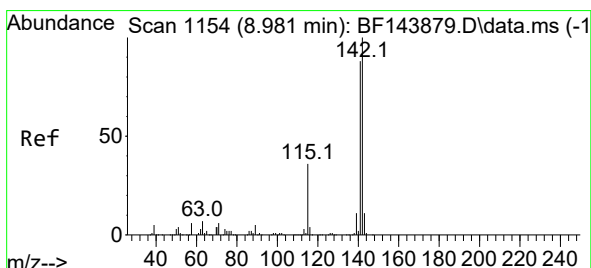
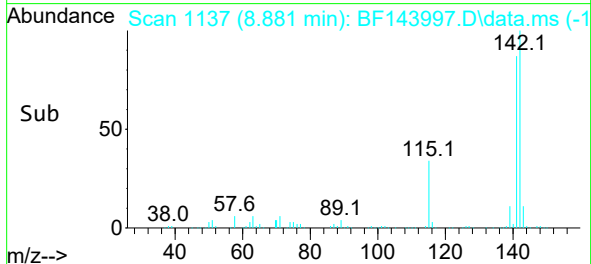
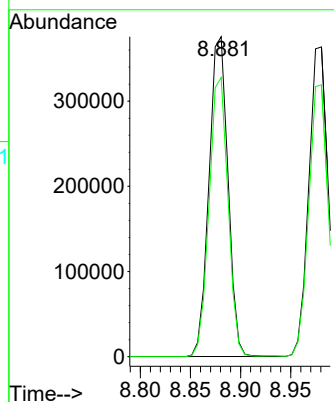
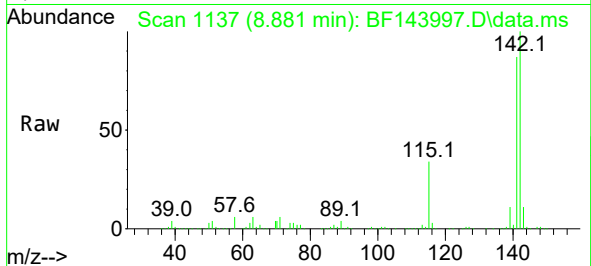




#37
2-Methylnaphthalene
Concen: 38.48 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

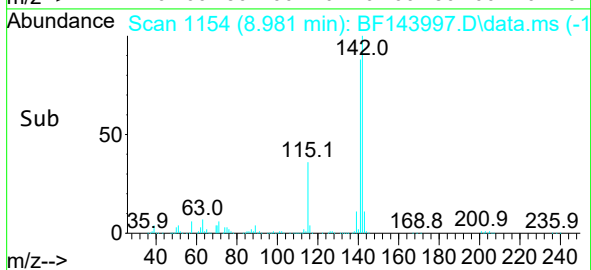
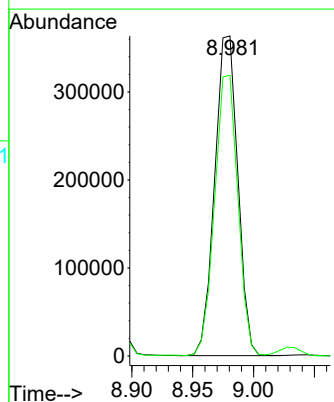
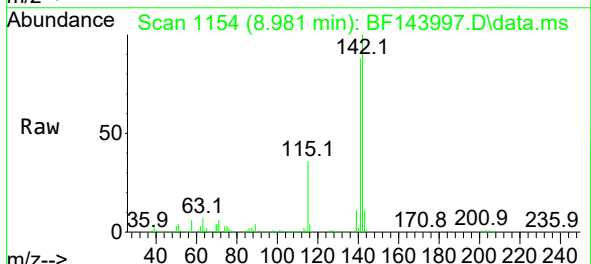
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

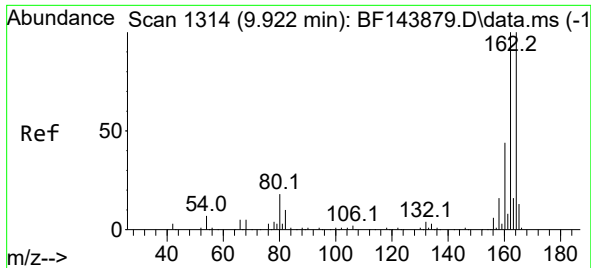
Tgt Ion:142 Resp: 495354
Ion Ratio Lower Upper
142 100
141 87.3 69.2 103.8



#38
1-Methylnaphthalene
Concen: 38.45 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:142 Resp: 480130
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2

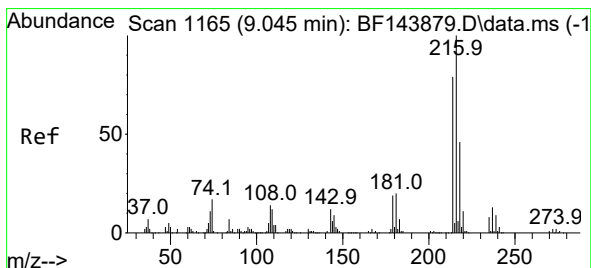
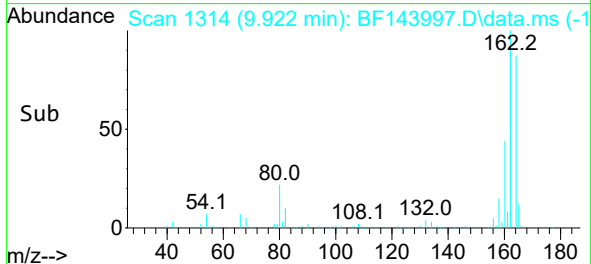
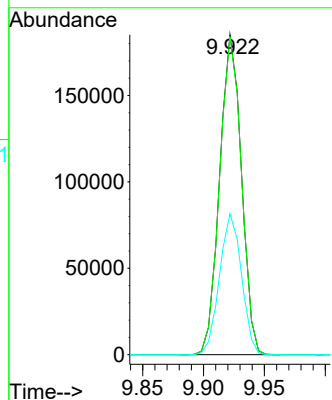
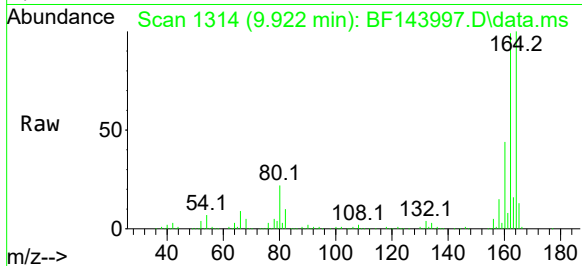




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

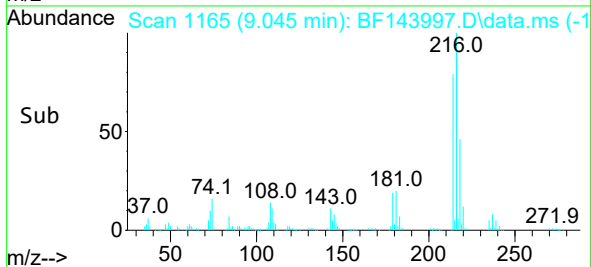
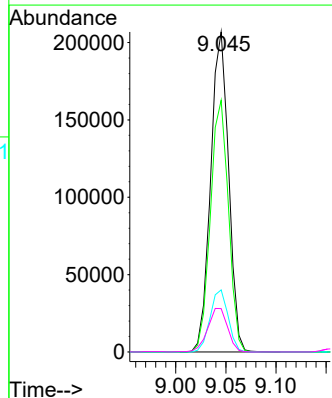
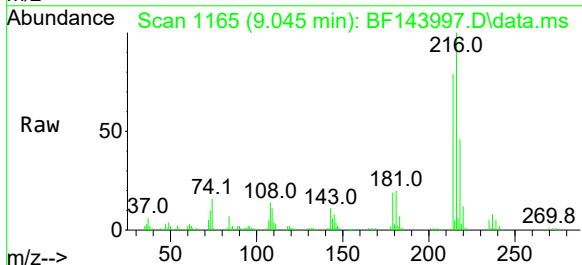
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

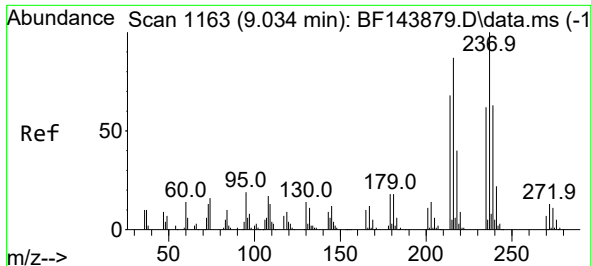
Tgt Ion:164 Resp: 230266
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 44.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.52 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:216 Resp: 257851
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 19.5 15.4 23.0
108 15.2 12.0 18.0

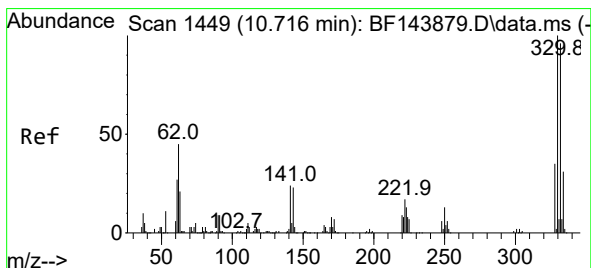
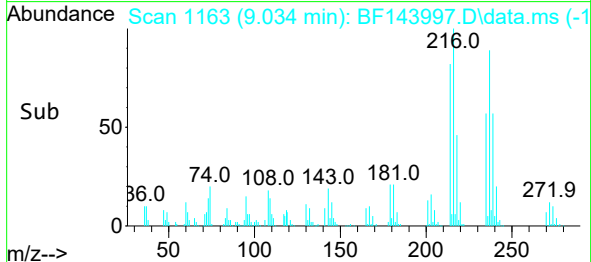
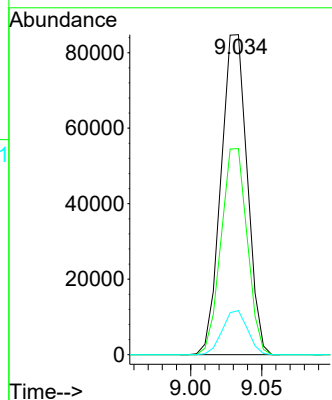
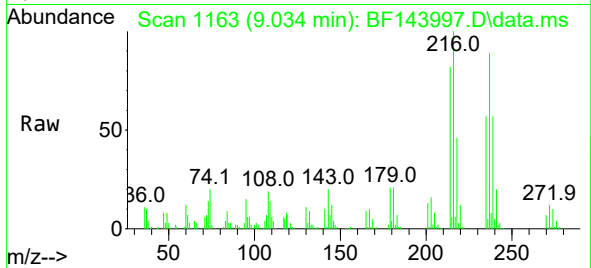




#41
Hexachlorocyclopentadiene
Concen: 41.22 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

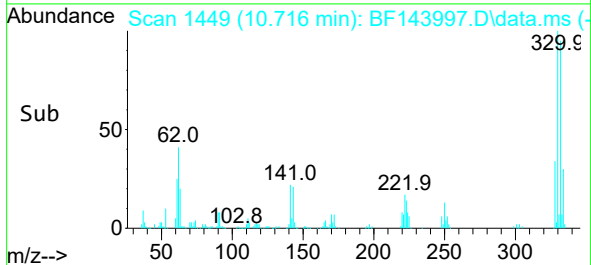
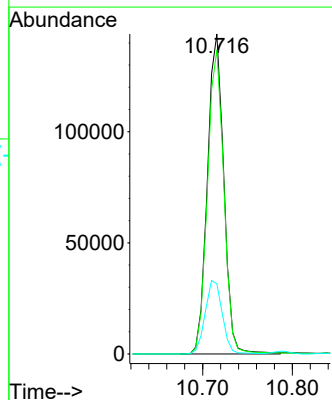
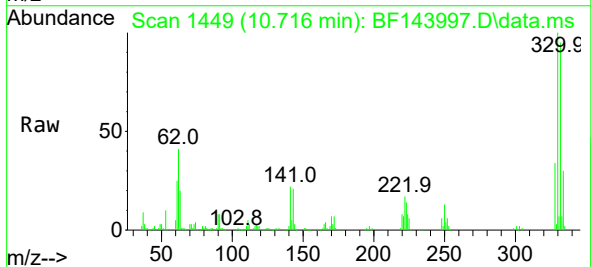
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

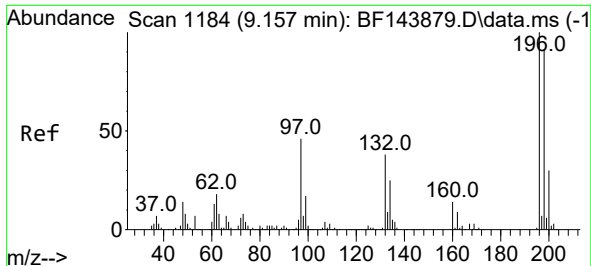
Tgt Ion:237 Resp: 108840
Ion Ratio Lower Upper
237 100
235 64.4 42.3 82.3
272 13.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 79.62 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:330 Resp: 182619
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 24.0 20.2 30.4

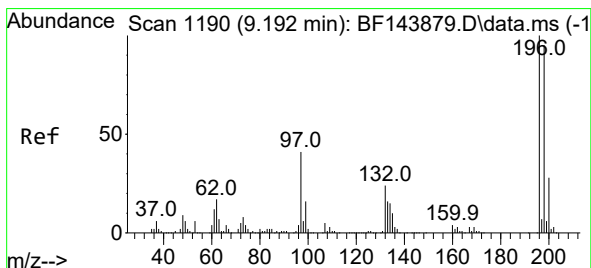
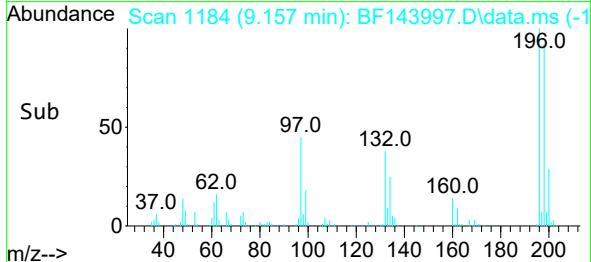
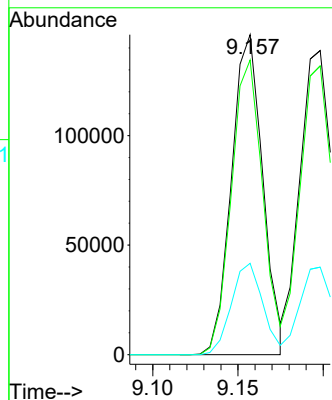
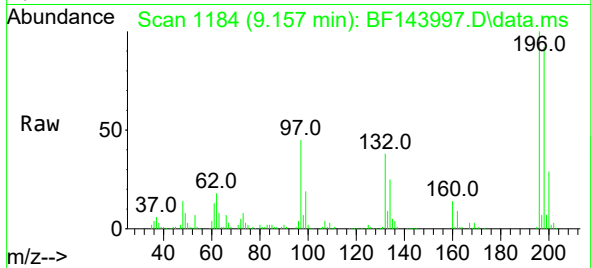




#43
2,4,6-Trichlorophenol
Concen: 40.14 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

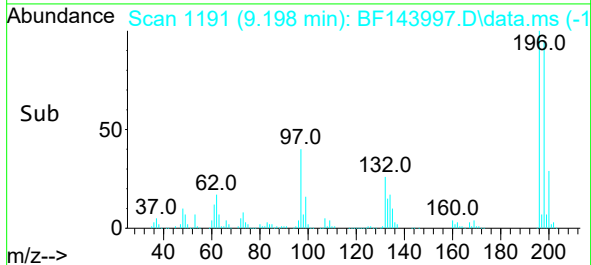
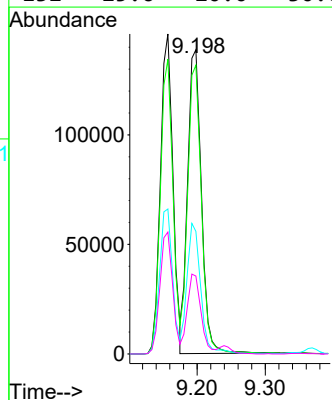
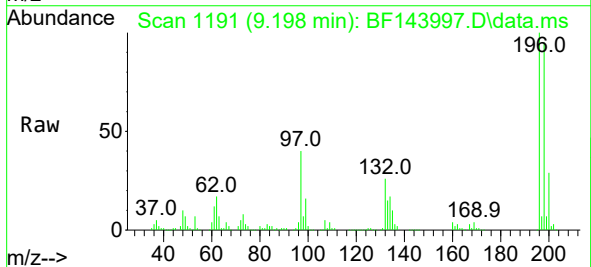
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

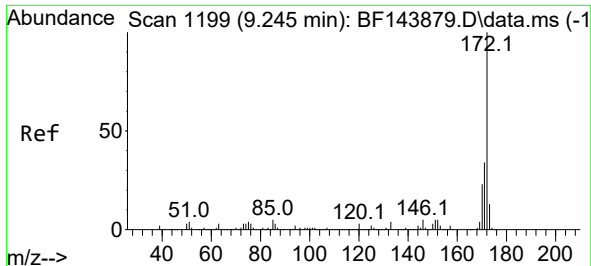
Tgt Ion:196 Resp: 186670
Ion Ratio Lower Upper
196 100
198 92.1 72.8 109.2
200 28.5 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 39.59 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:196 Resp: 194558
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
97 40.3 33.9 50.9
132 25.6 20.0 30.0

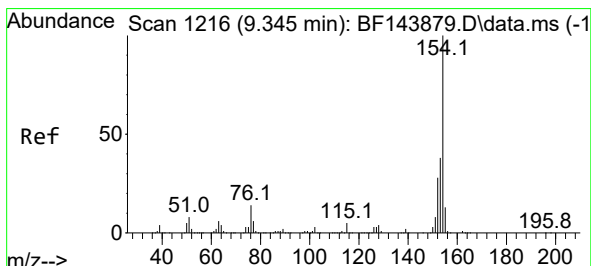
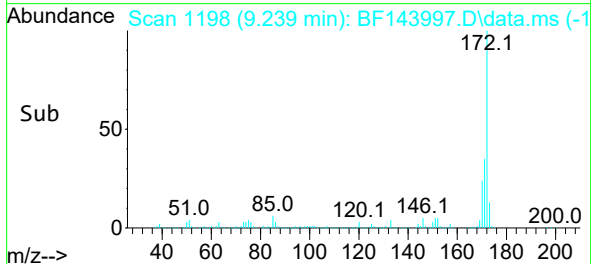
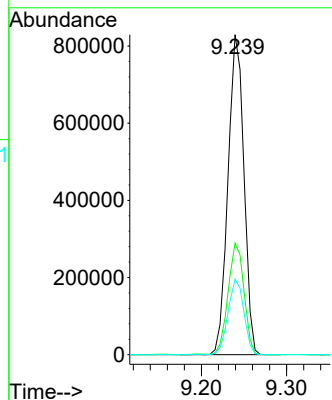
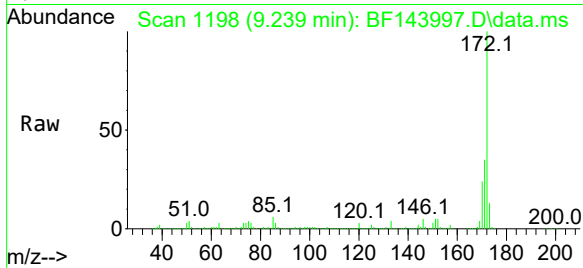




#45
2-Fluorobiphenyl
Concen: 74.15 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

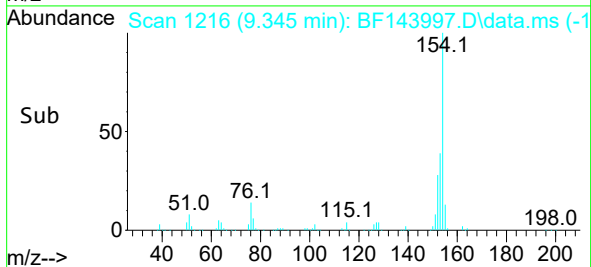
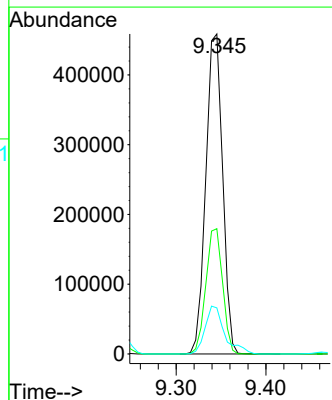
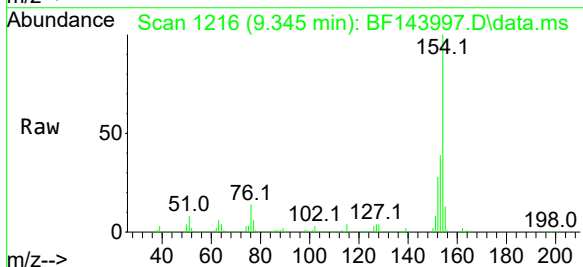
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

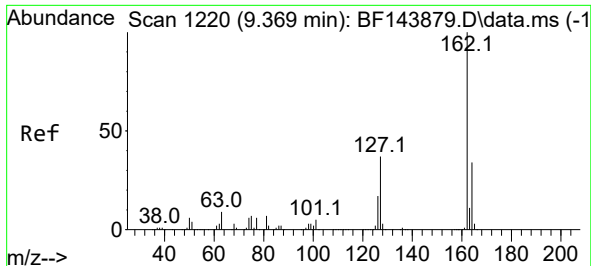
Tgt Ion:172 Resp: 1076099
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.16 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:154 Resp: 597014
Ion Ratio Lower Upper
154 100
153 39.2 18.4 58.4
76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 40.01 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

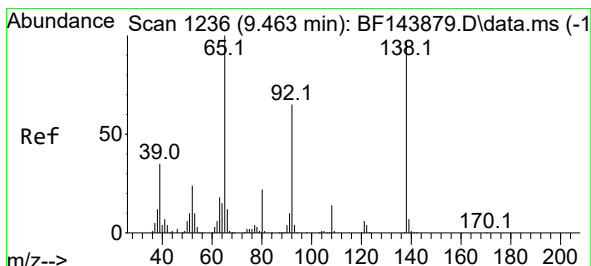
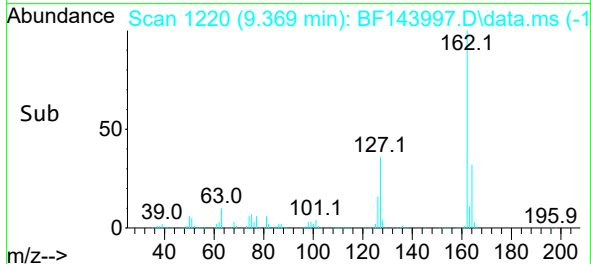
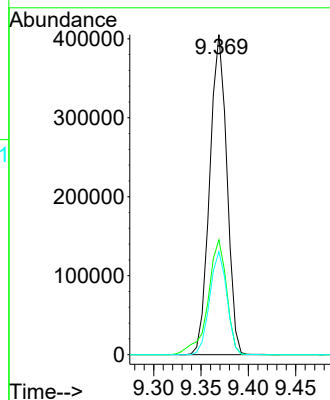
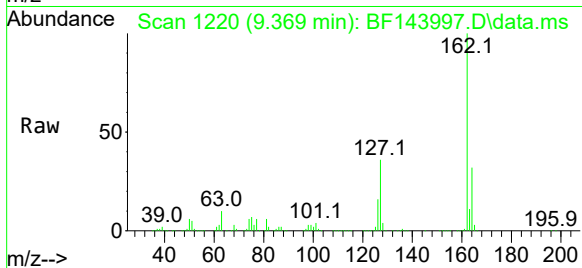
Tgt Ion:162 Resp: 508631

Ion Ratio Lower Upper

162 100

127 35.9 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 42.25 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

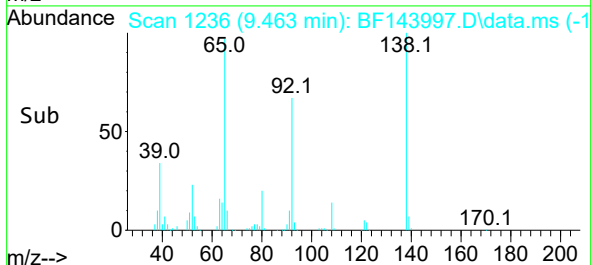
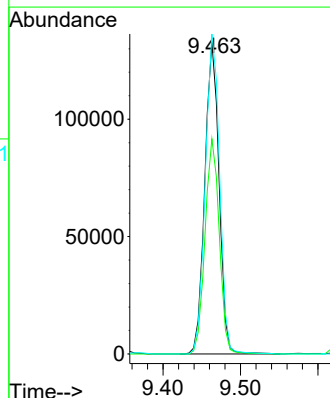
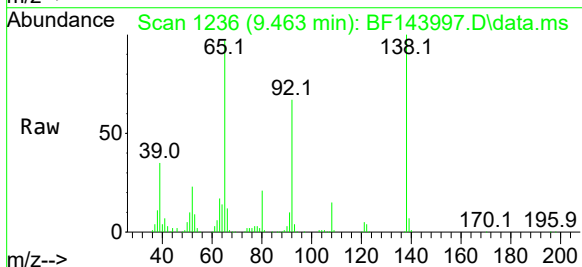
Tgt Ion: 65 Resp: 169771

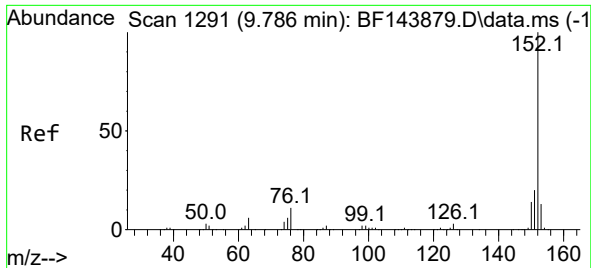
Ion Ratio Lower Upper

65 100

92 69.0 52.1 78.1

138 102.6 77.4 116.2

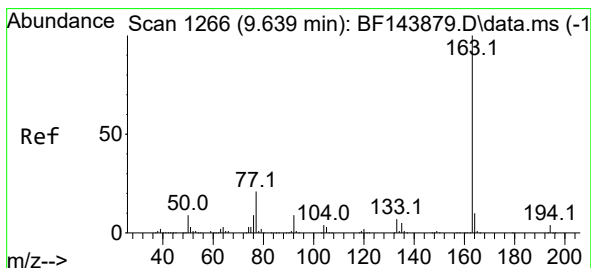
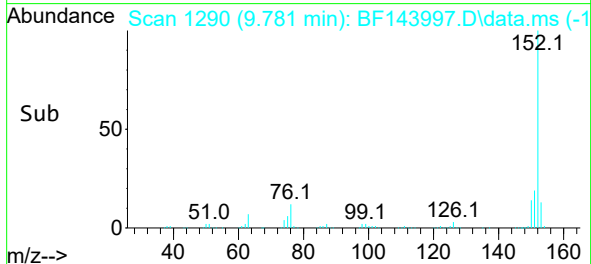
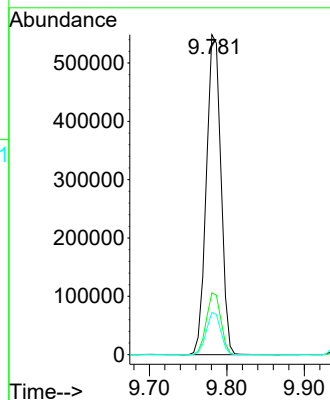
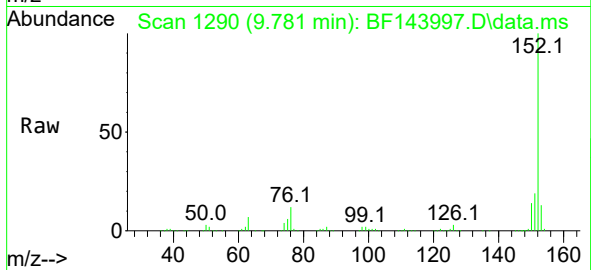




#49
Acenaphthylene
Concen: 40.02 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

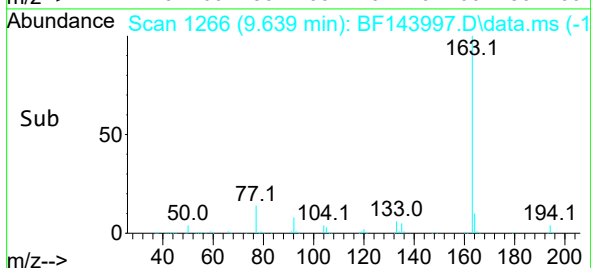
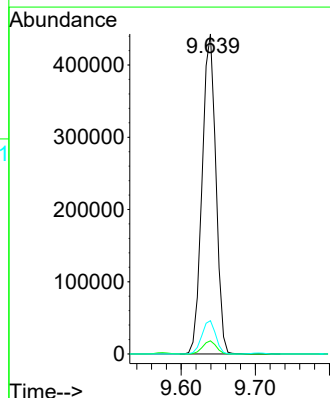
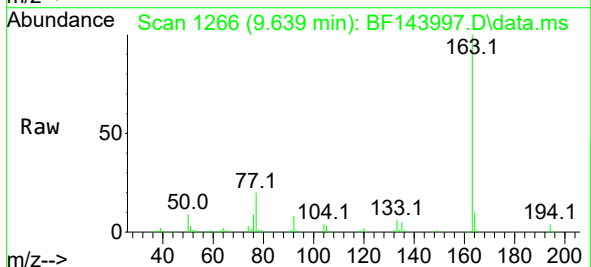
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

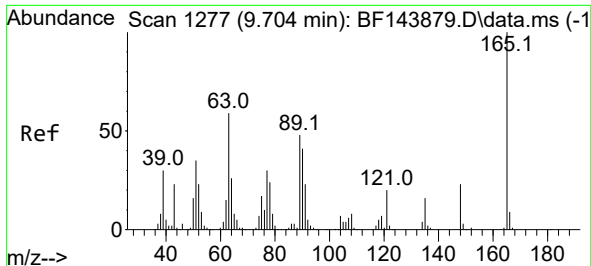
Tgt Ion:152 Resp: 715169
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 38.98 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:163 Resp: 569940
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.1 12.1

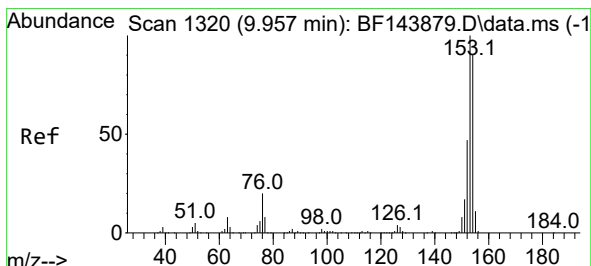
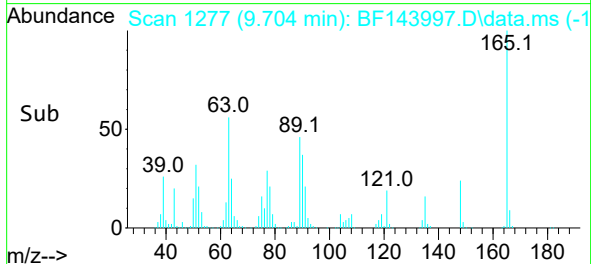
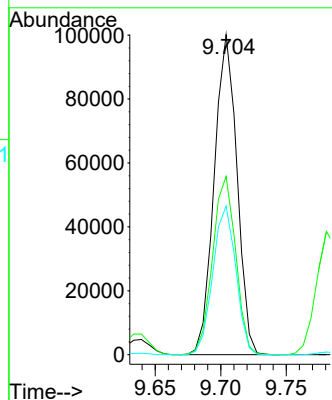
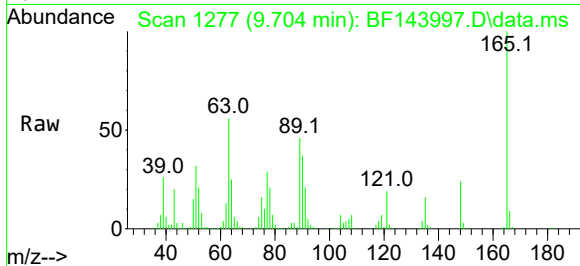




#51
2,6-Dinitrotoluene
Concen: 44.54 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

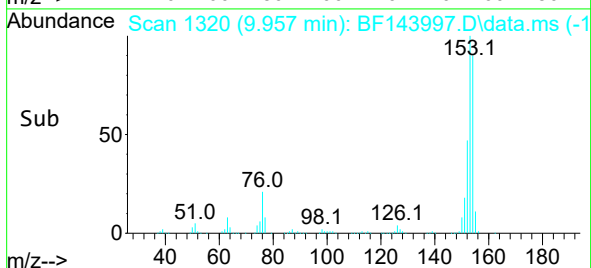
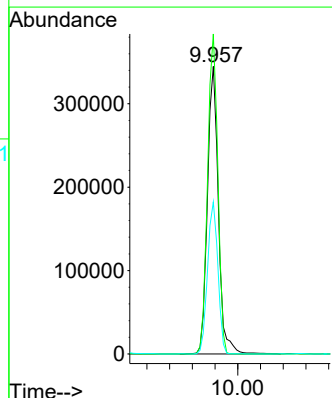
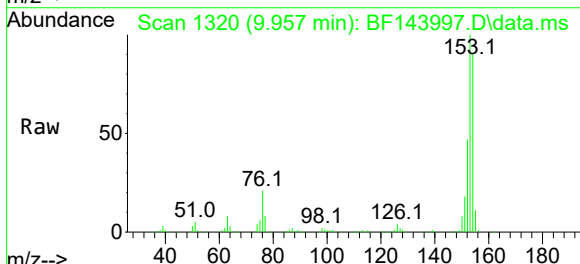
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

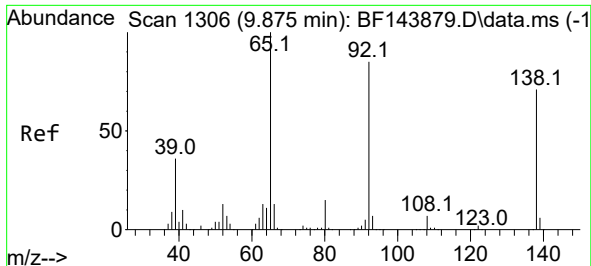
Tgt Ion:165 Resp: 120781
Ion Ratio Lower Upper
165 100
63 55.7 47.3 70.9
89 46.5 38.2 57.4



#52
Acenaphthene
Concen: 39.12 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:154 Resp: 458028
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 52.8 42.2 63.2

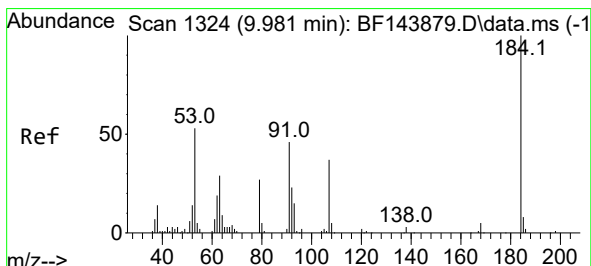
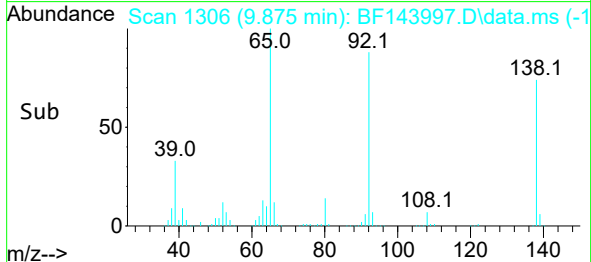
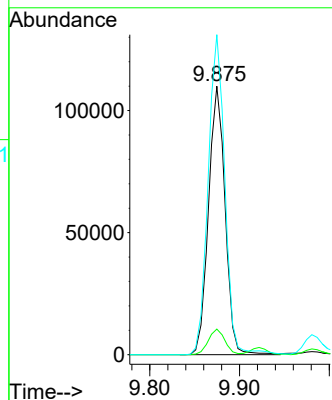
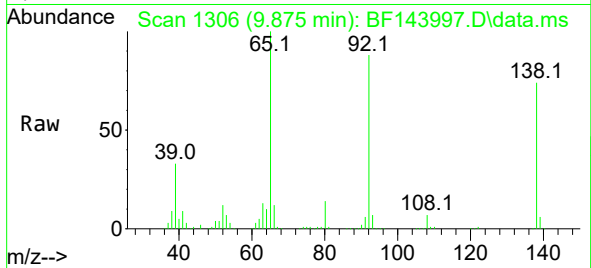




#53
3-Nitroaniline
Concen: 42.54 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

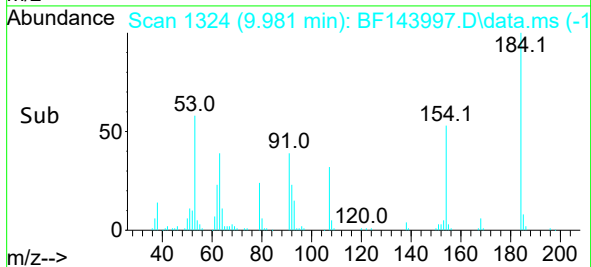
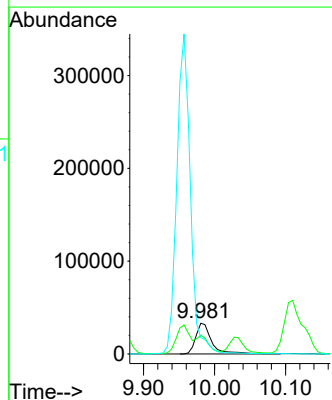
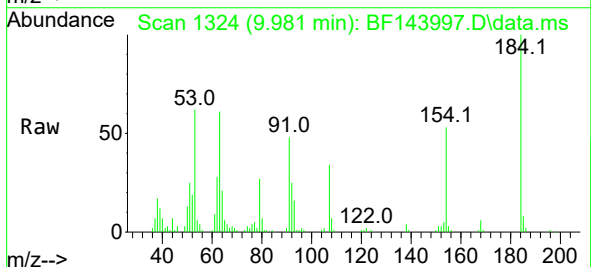
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

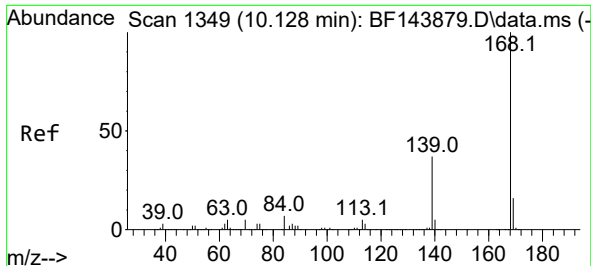
Tgt Ion:138 Resp: 141223
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 119.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 35.11 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:184 Resp: 51582
Ion Ratio Lower Upper
184 100
63 61.4 48.2 72.4
154 53.3 49.2 73.8

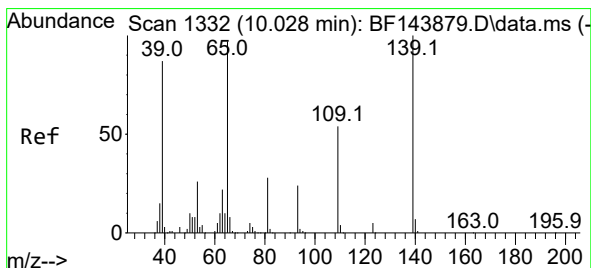
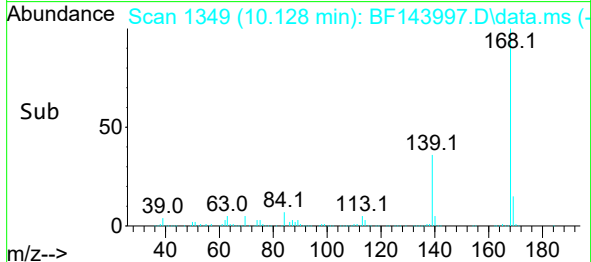
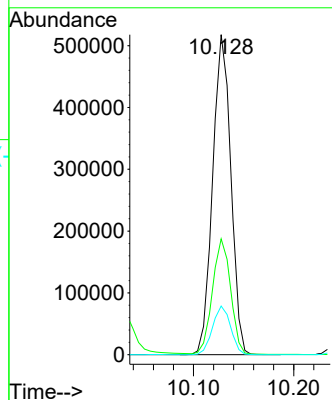
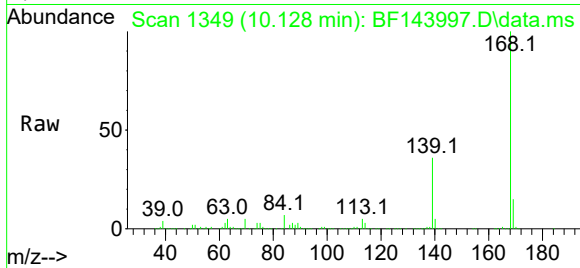




#55
Dibenzofuran
Concen: 39.48 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

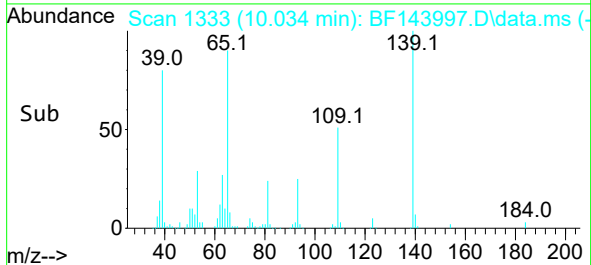
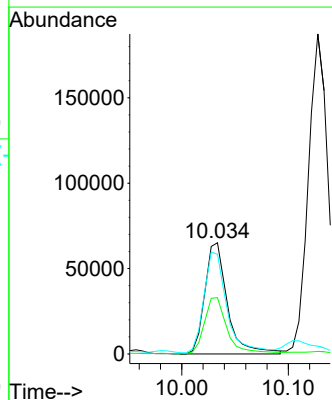
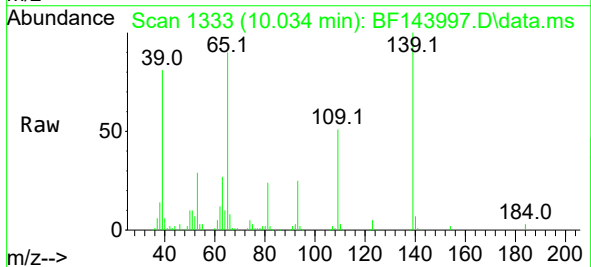
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

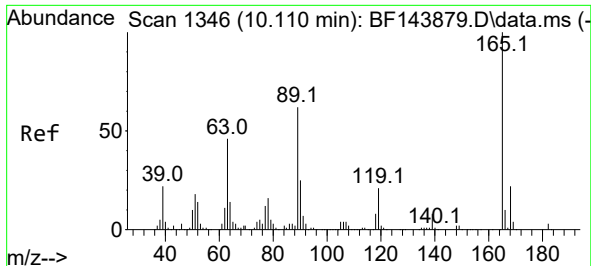
Tgt Ion:168 Resp: 652550
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8
169 15.2 12.8 19.2



#56
4-Nitrophenol
Concen: 38.22 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:139 Resp: 96087
Ion Ratio Lower Upper
139 100
109 50.6 34.5 74.5
65 89.8 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 45.40 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 167503

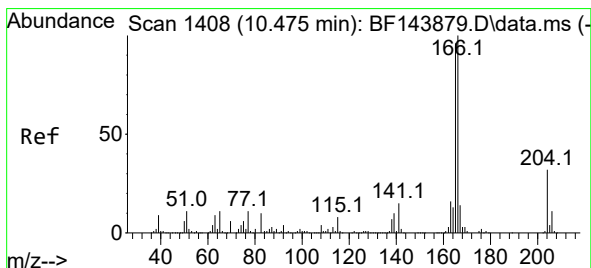
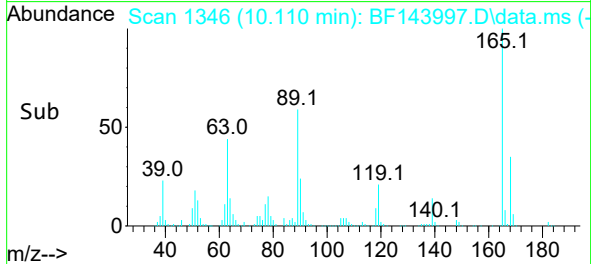
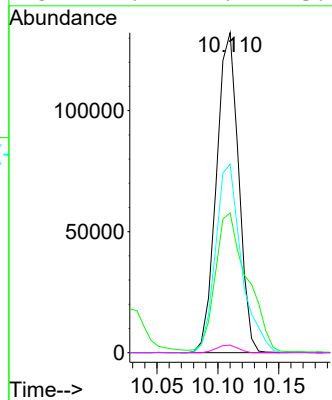
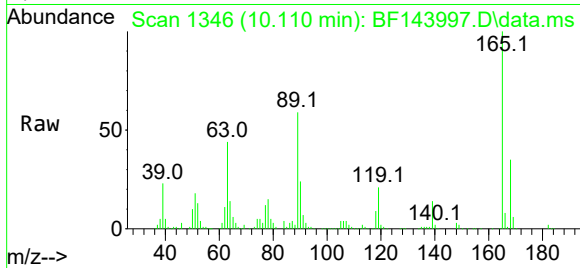
Ion Ratio Lower Upper

165 100

63 43.7 37.2 55.8

89 58.9 49.4 74.2

182 2.4 2.1 3.1



#58

Fluorene

Concen: 38.39 ng

RT: 10.475 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

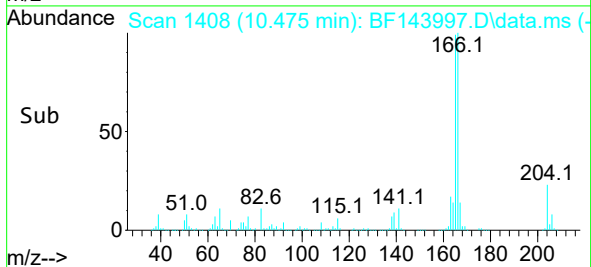
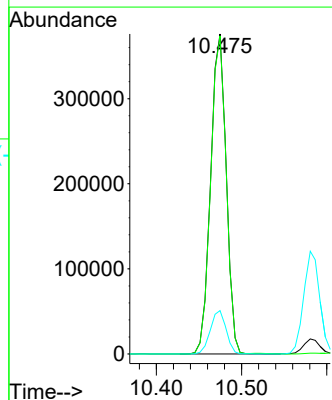
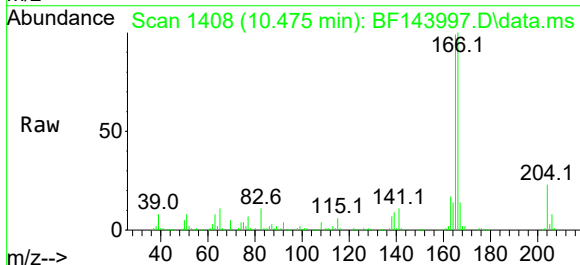
Tgt Ion:166 Resp: 478793

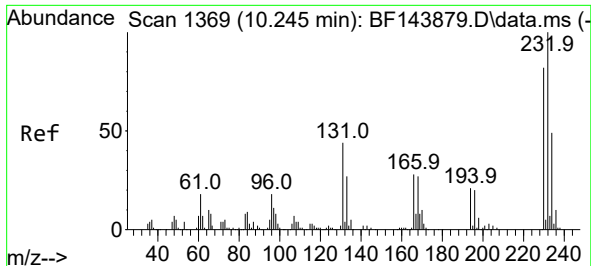
Ion Ratio Lower Upper

166 100

165 99.4 77.0 115.6

167 13.6 11.1 16.7

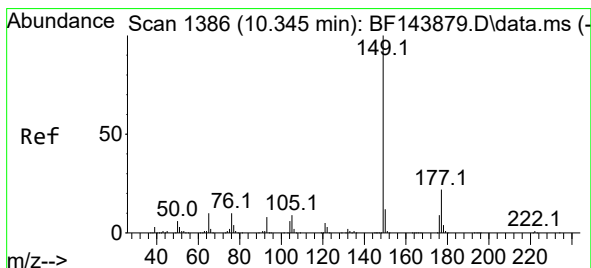
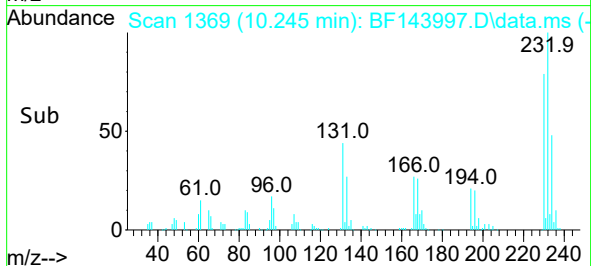
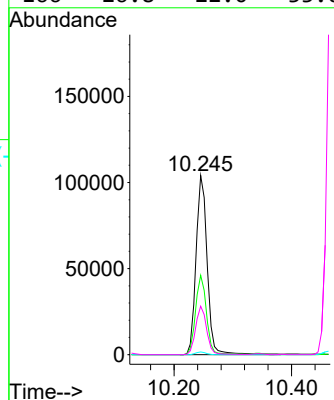
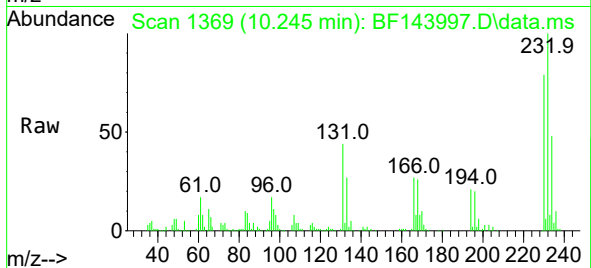




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.49 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

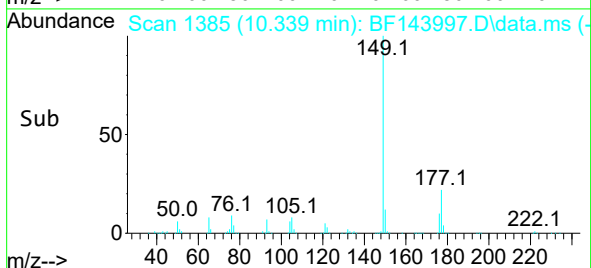
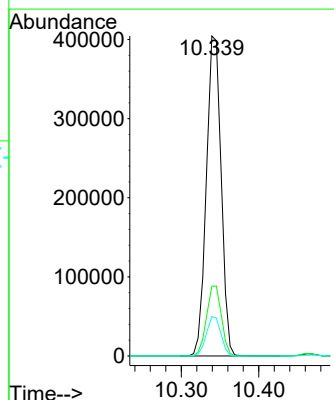
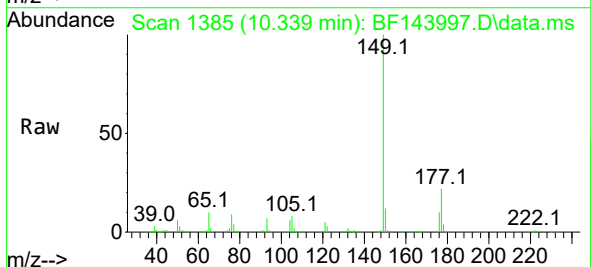
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

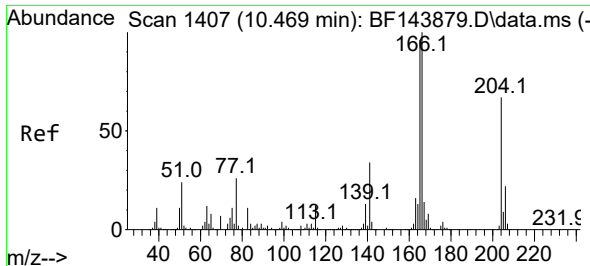
Tgt Ion:232 Resp: 137352
Ion Ratio Lower Upper
232 100
131 43.4 34.9 52.3
130 1.4 1.6 2.4#
166 26.8 22.0 33.0



#60
Diethylphthalate
Concen: 39.41 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 535315
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.3 9.8 14.8

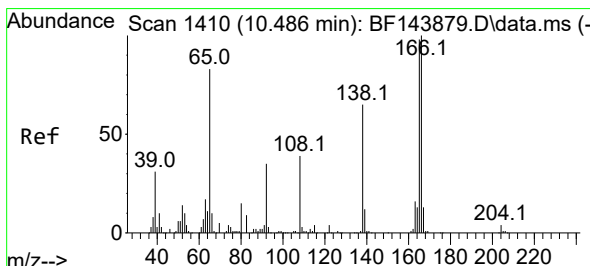
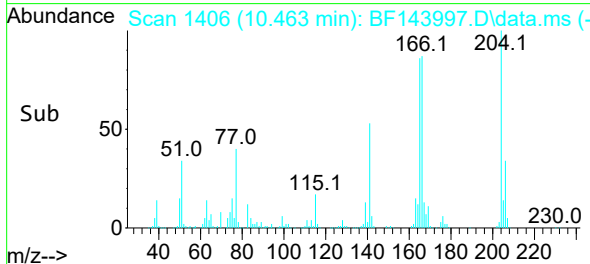
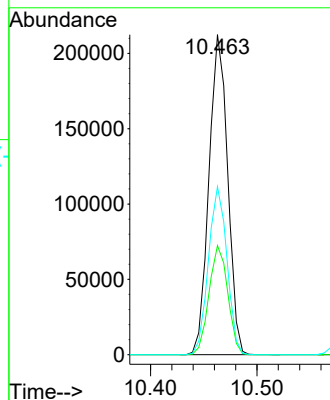
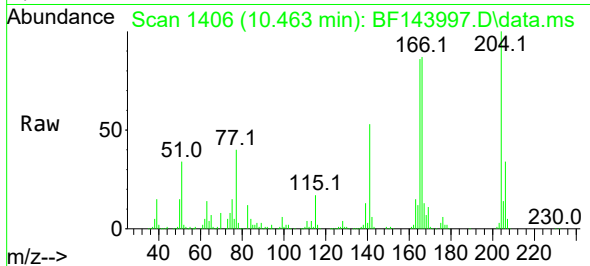




#61
4-Chlorophenyl-phenylether
Concen: 39.31 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

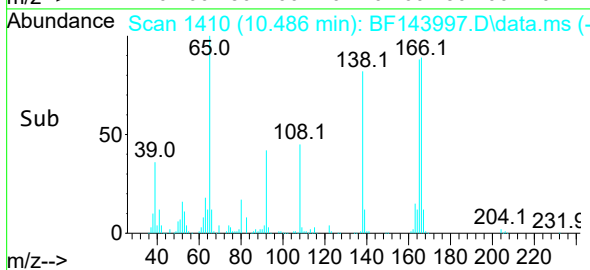
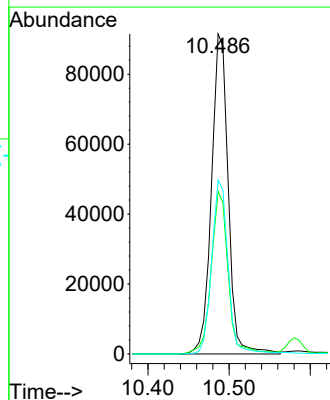
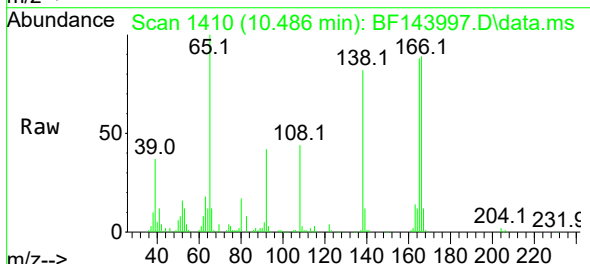
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

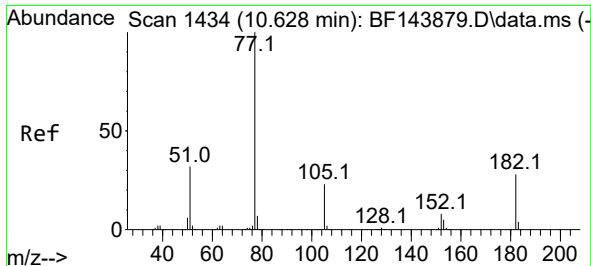
Tgt Ion:204 Resp: 259220
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 52.5 40.4 60.6



#62
4-Nitroaniline
Concen: 40.97 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:138 Resp: 130811
Ion Ratio Lower Upper
138 100
92 50.8 33.9 73.9
108 54.3 40.2 80.2

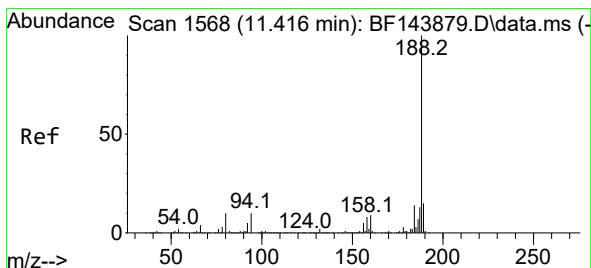
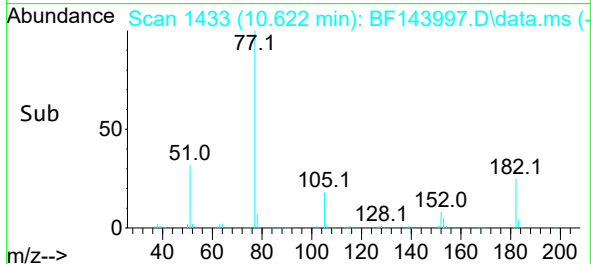
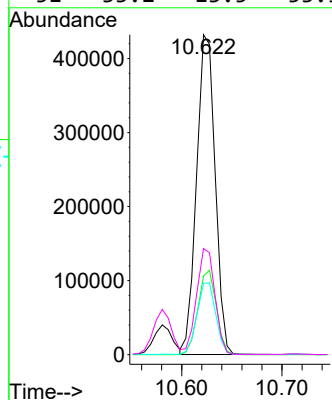
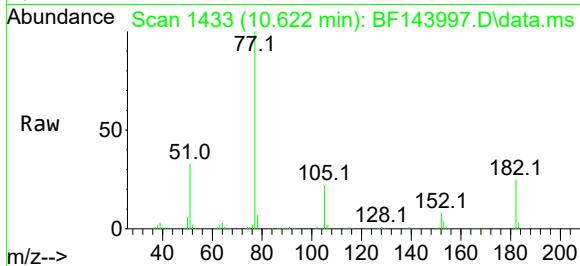




#63
Azobenzene
Concen: 39.33 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

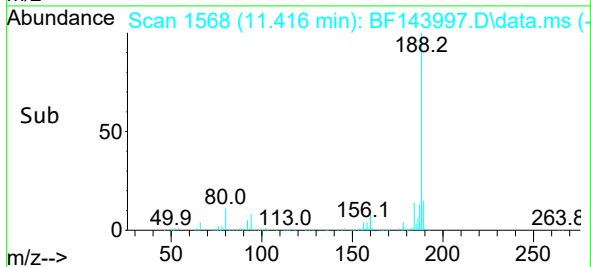
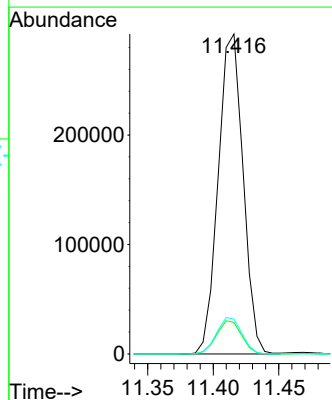
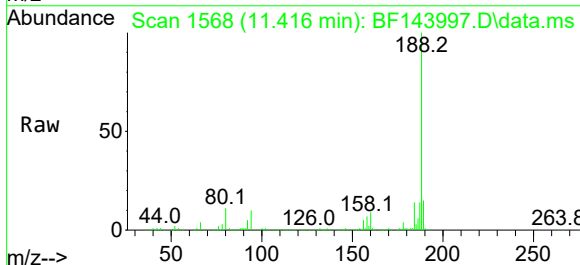
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

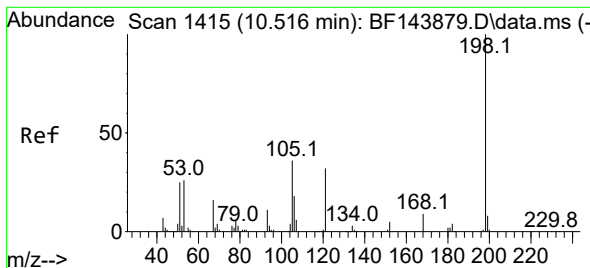
Tgt Ion: 77 Resp: 558403
Ion Ratio Lower Upper
77 100
182 24.6 7.3 47.3
105 22.3 3.0 43.0
51 33.2 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:188 Resp: 385198
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.9 7.9 11.9

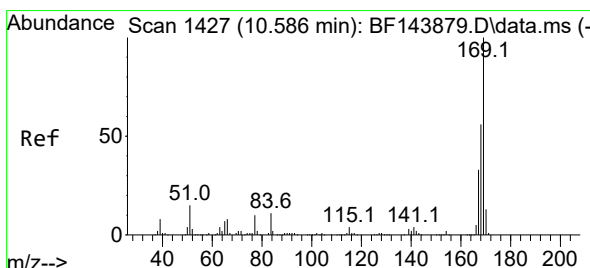
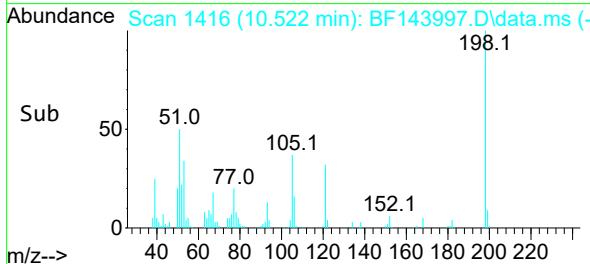
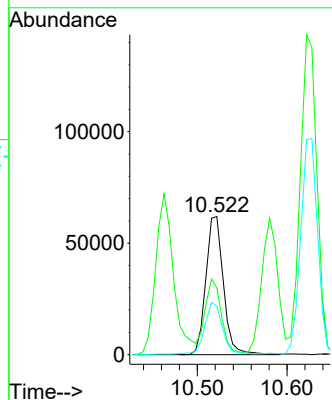
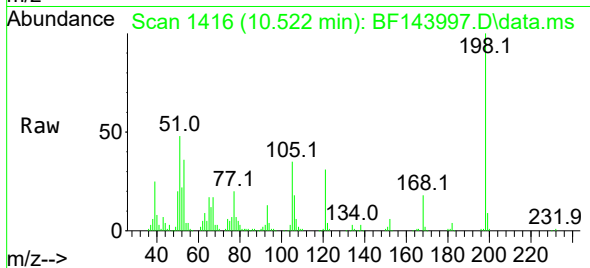




#65
4,6-Dinitro-2-methylphenol
Concen: 43.66 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

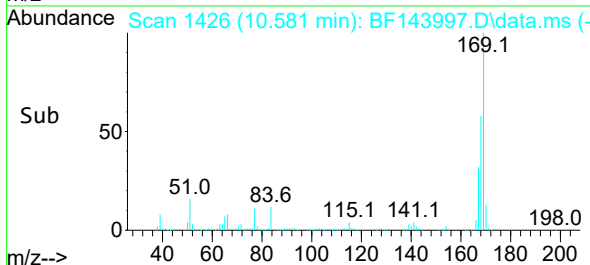
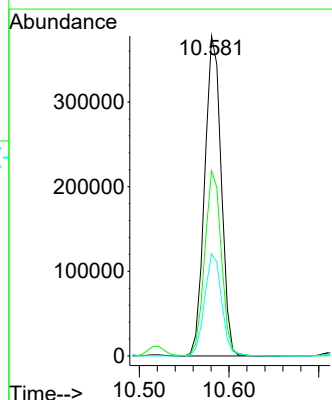
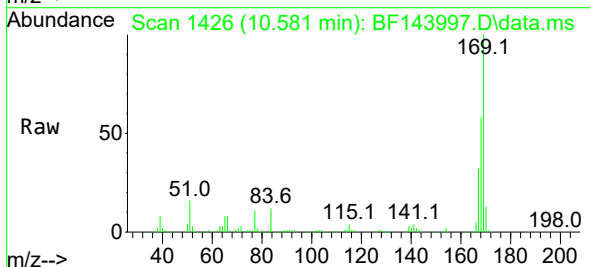
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

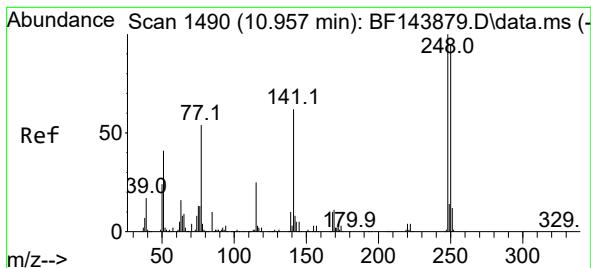
Tgt Ion:198 Resp: 84504
Ion Ratio Lower Upper
198 100
51 48.4 33.8 73.8
105 35.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 39.82 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:169 Resp: 481588
Ion Ratio Lower Upper
169 100
168 57.8 44.9 67.3
167 31.9 26.3 39.5

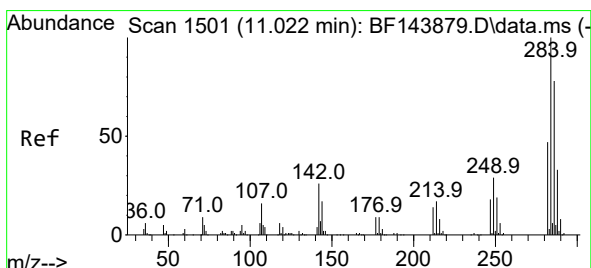
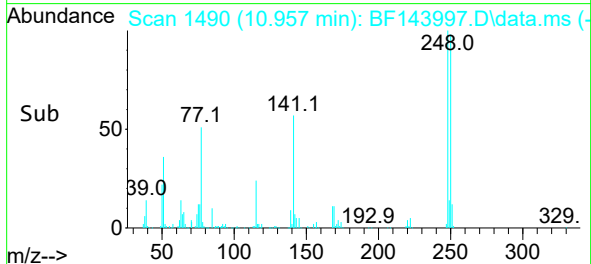
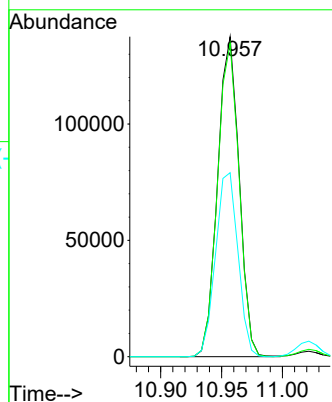
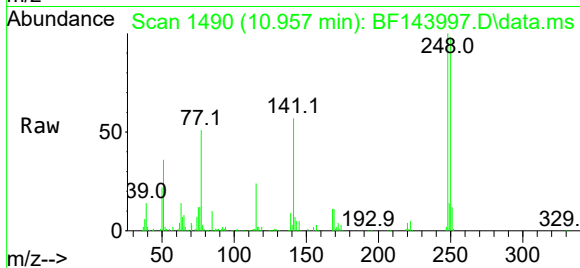




#67
4-Bromophenyl-phenylether
Concen: 39.76 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

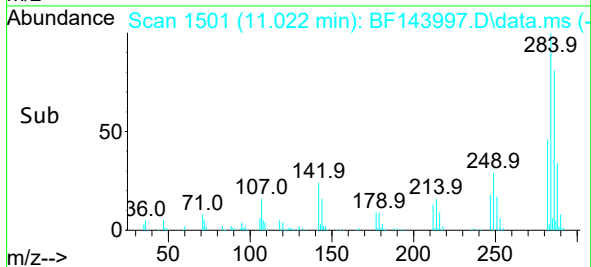
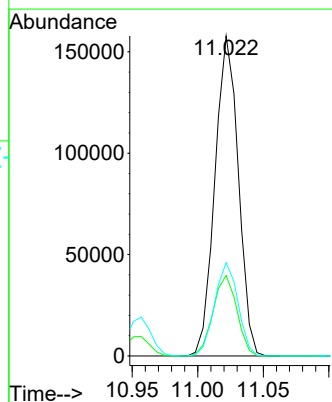
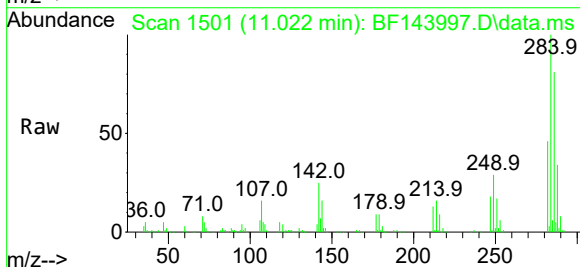
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

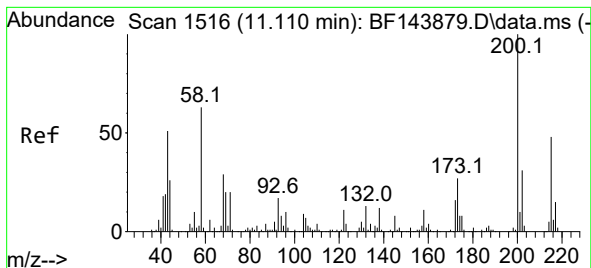
Tgt Ion:248 Resp: 169268
Ion Ratio Lower Upper
248 100
250 97.9 76.3 114.5
141 57.5 49.7 74.5



#68
Hexachlorobenzene
Concen: 39.67 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:284 Resp: 195530
Ion Ratio Lower Upper
284 100
142 25.2 20.6 30.8
249 29.2 23.2 34.8





#69

Atrazine

Concen: 39.15 ng

RT: 11.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

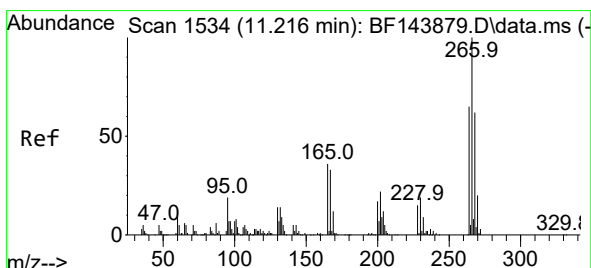
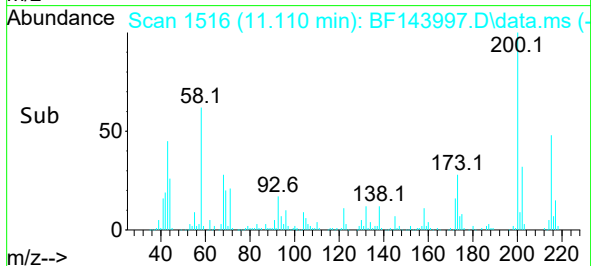
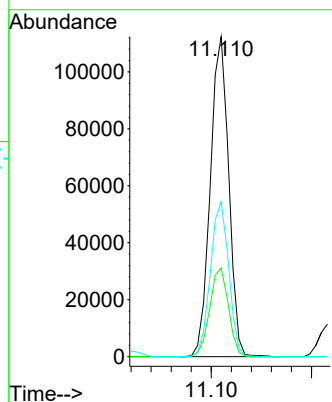
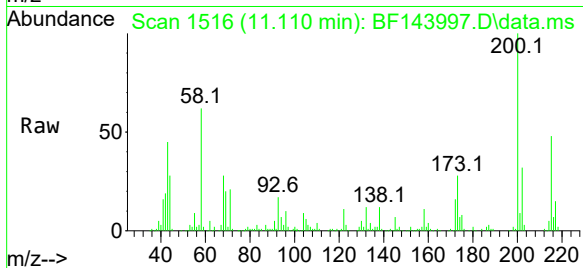
Tgt Ion:200 Resp: 143511

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 35.77 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

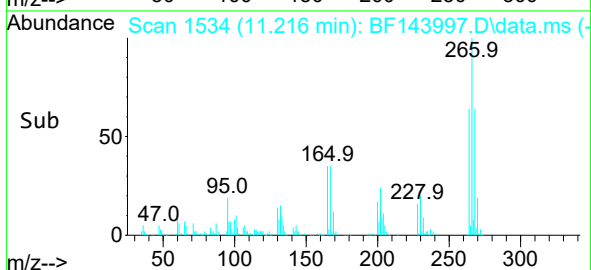
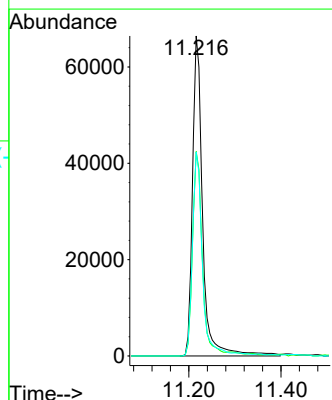
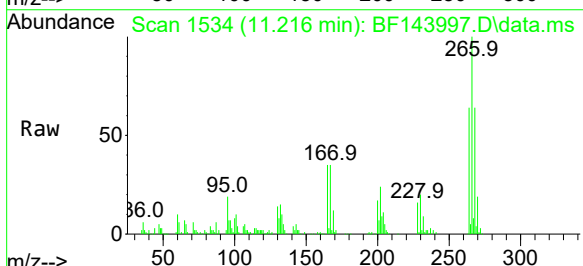
Tgt Ion:266 Resp: 101251

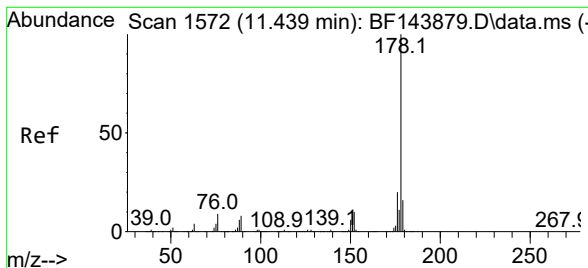
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 63.7 51.8 77.6





#71

Phenanthrene

Concen: 39.87 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

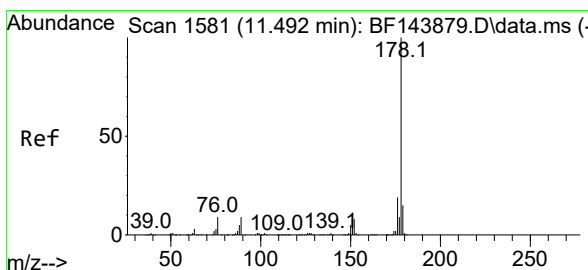
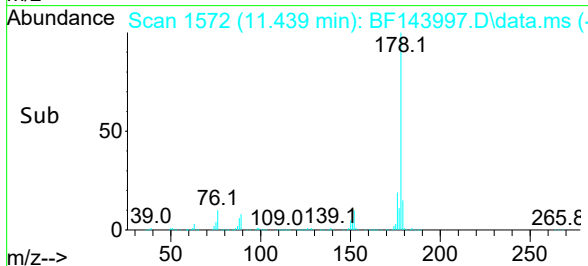
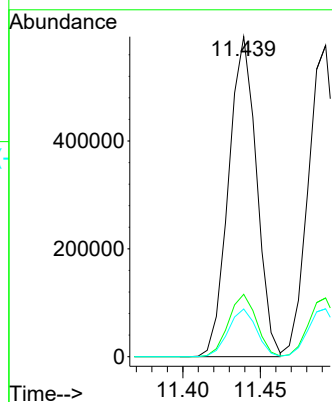
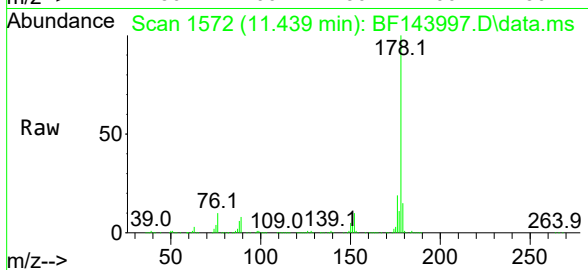
Tgt Ion:178 Resp: 744542

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 14.9 12.4 18.6



#72

Anthracene

Concen: 39.53 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

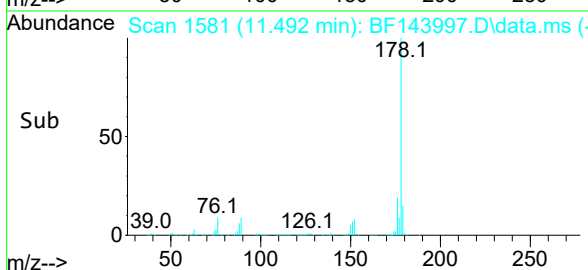
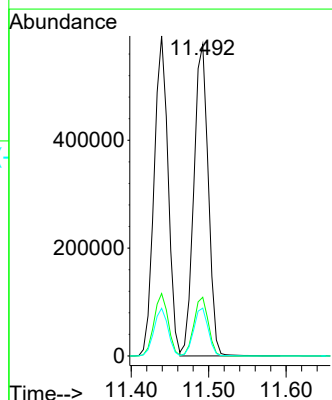
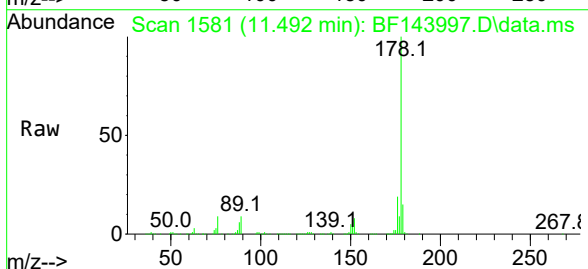
Tgt Ion:178 Resp: 745746

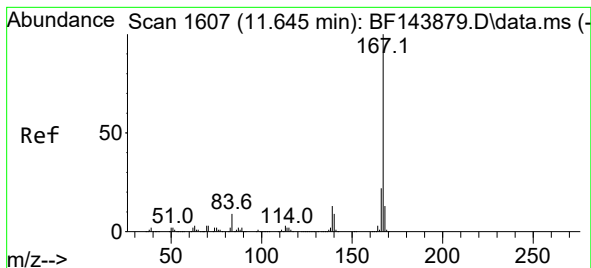
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.4 12.2 18.2





#73

Carbazole

Concen: 39.55 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

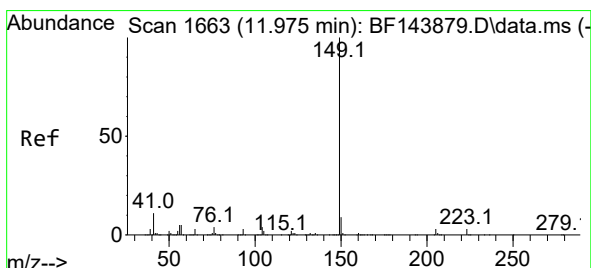
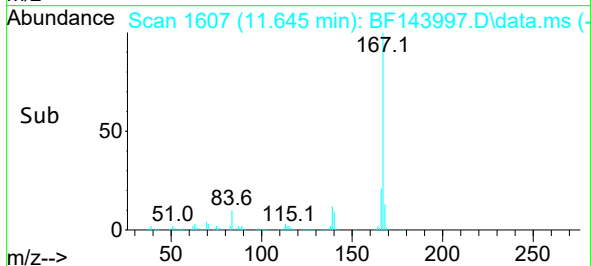
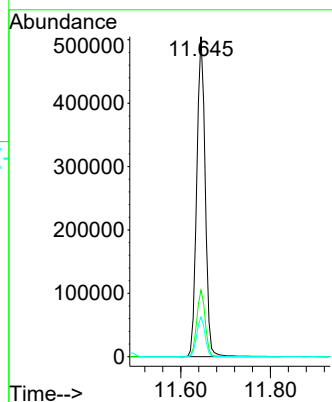
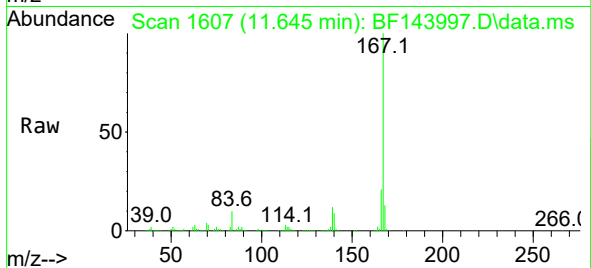
Tgt Ion:167 Resp: 660829

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

139 12.4 10.1 15.1



#74

Di-n-butylphthalate

Concen: 40.34 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

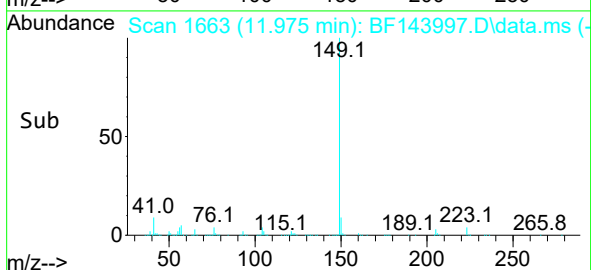
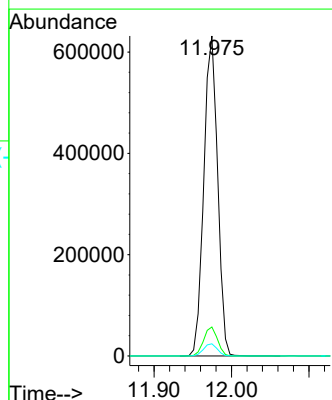
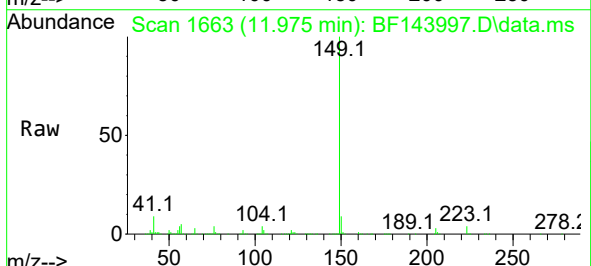
Tgt Ion:149 Resp: 781181

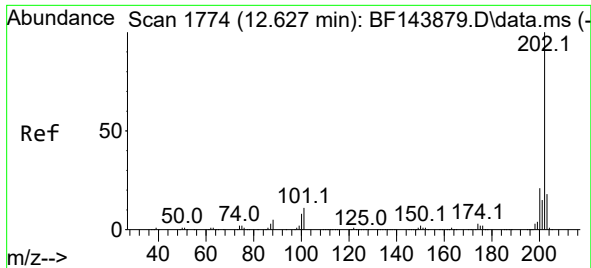
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 3.8 3.4 5.2

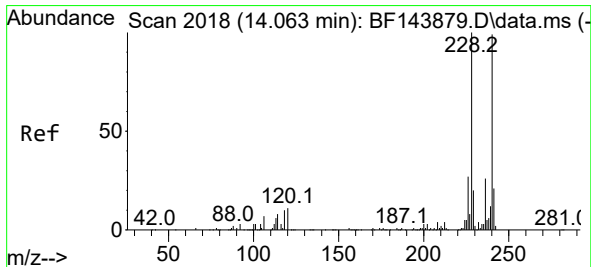
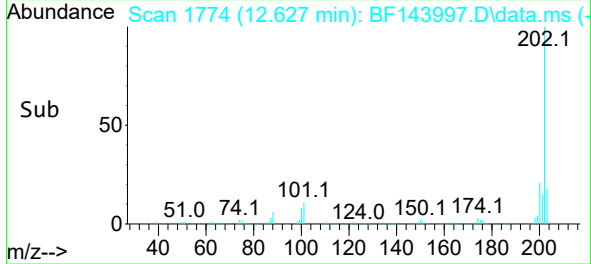
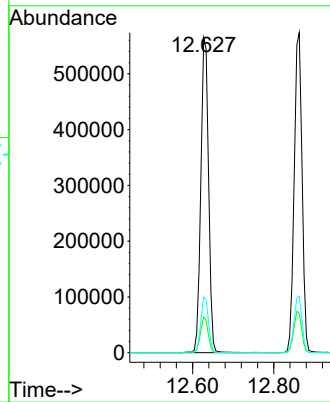
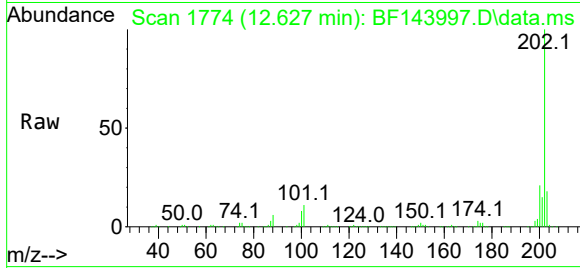




#75
Fluoranthene
Concen: 39.09 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

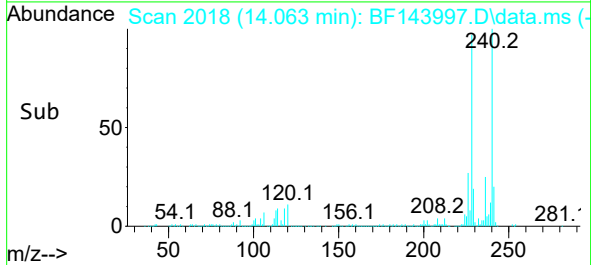
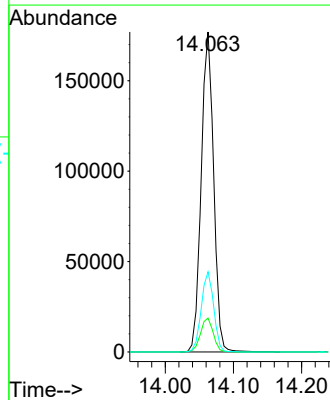
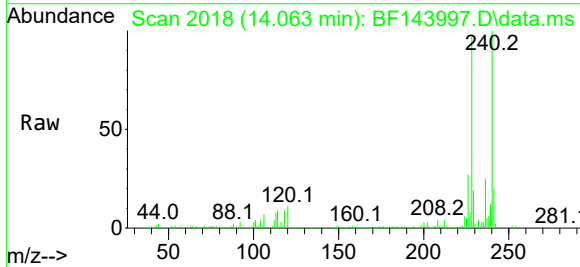
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

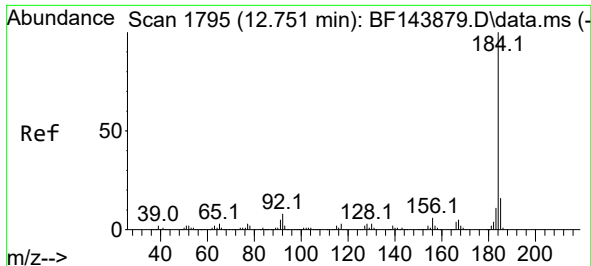
Tgt Ion:202 Resp: 753991
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:240 Resp: 224376
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.0 21.1 31.7

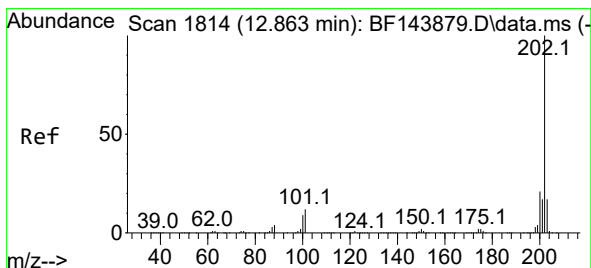
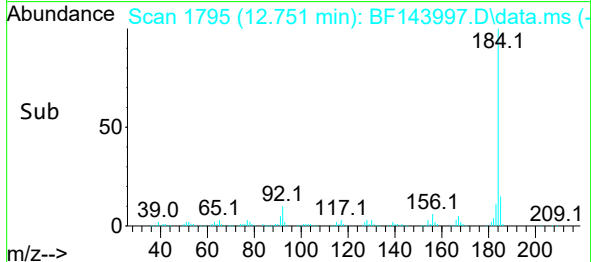
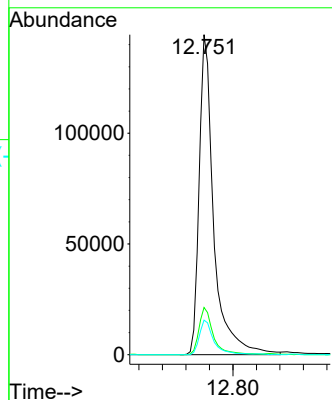
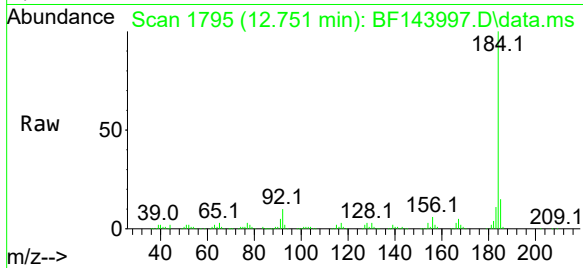




#77
Benzidine
Concen: 31.90 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

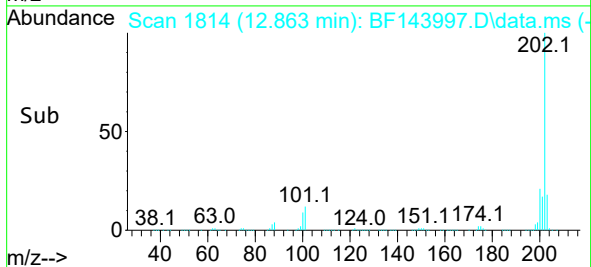
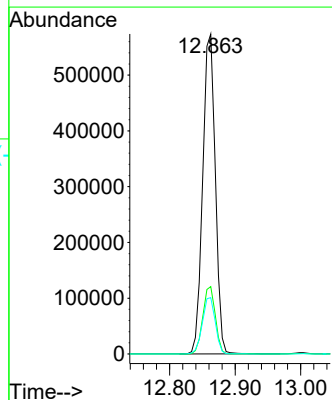
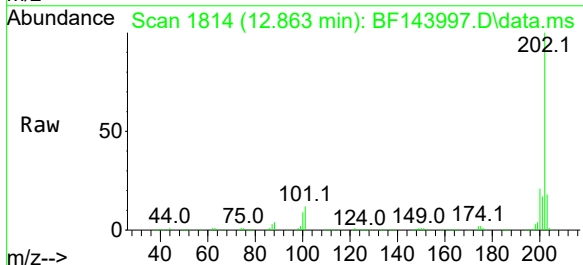
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

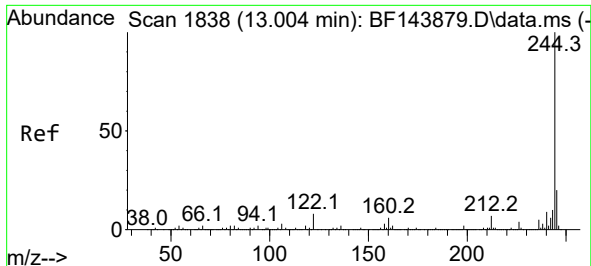
Tgt Ion:184 Resp: 248566
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 10.8 8.8 13.2



#78
Pyrene
Concen: 41.08 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

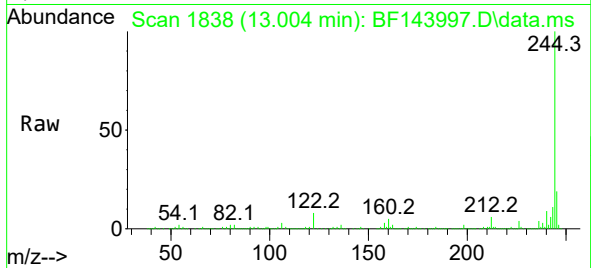
Tgt Ion:202 Resp: 768419
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.6 13.8 20.6



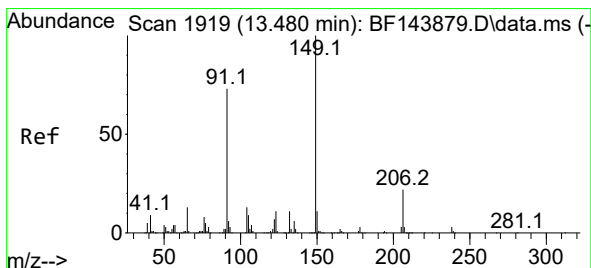
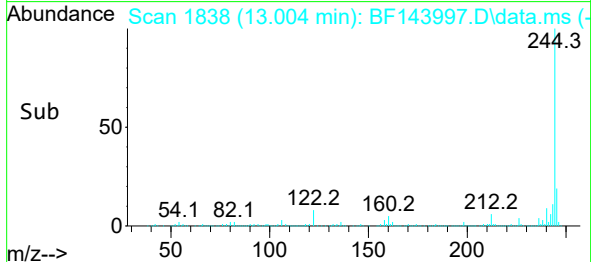
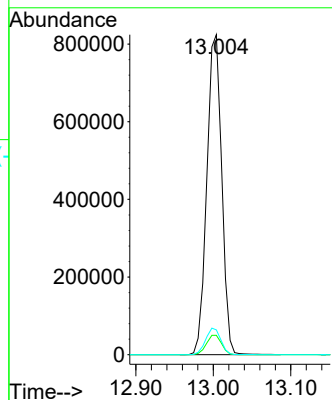


#79
 Terphenyl-d14
 Concen: 83.64 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143997.D
 Acq: 20 Oct 2025 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

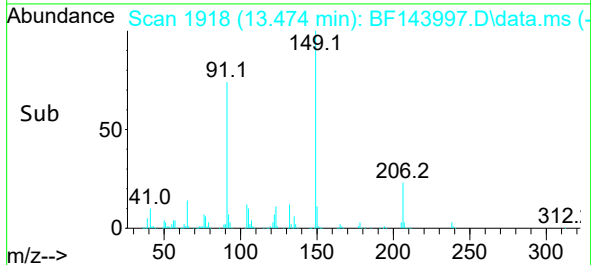
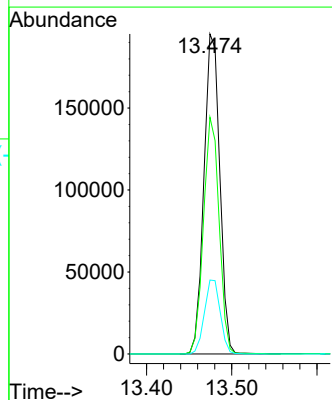
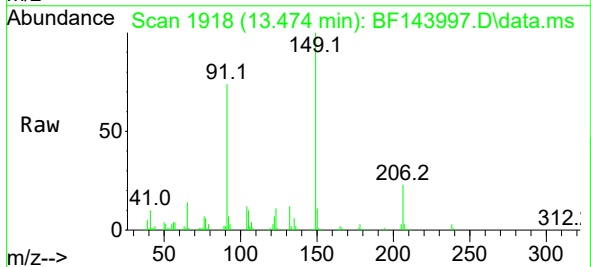


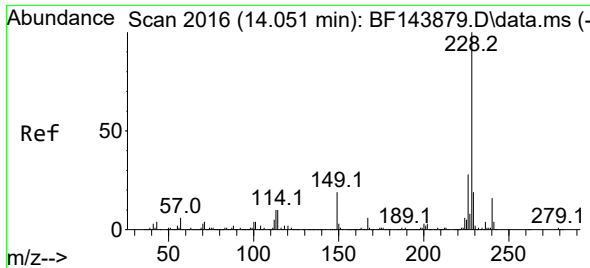
Tgt Ion:244 Resp: 1098074
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.7 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 41.57 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143997.D
 Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 252520
 Ion Ratio Lower Upper
 149 100
 91 74.0 58.2 87.2
 206 23.1 17.9 26.9

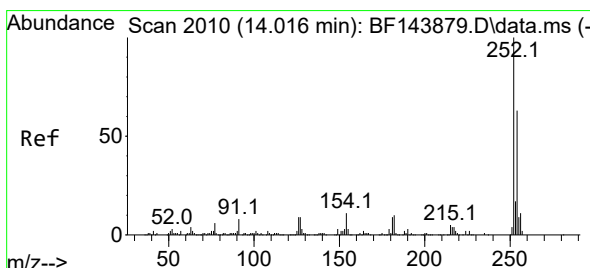
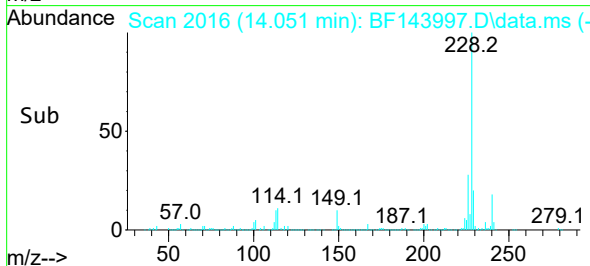
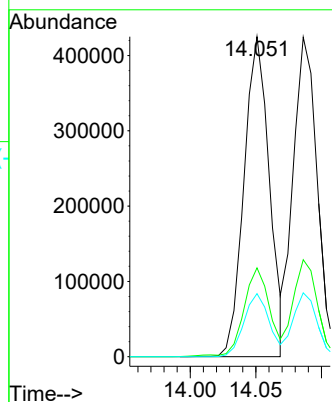
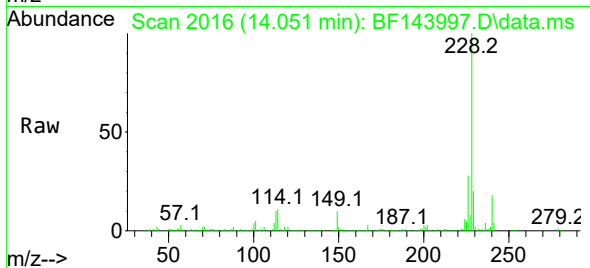




#81
Benzo(a)anthracene
Concen: 39.00 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

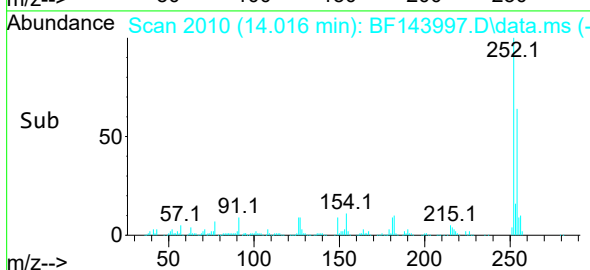
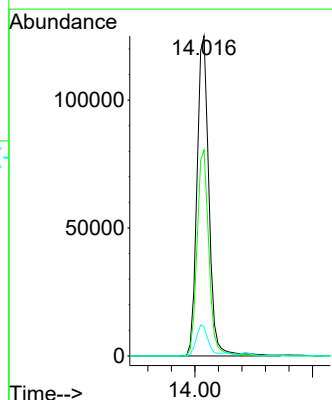
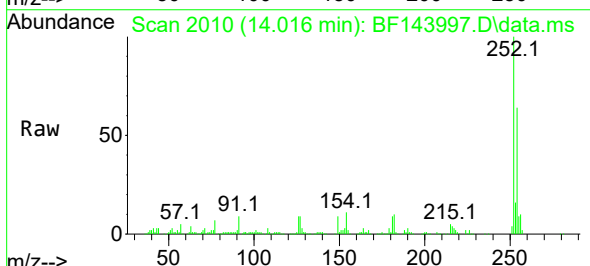
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

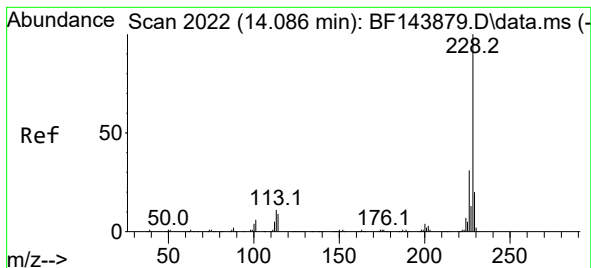
Tgt Ion:228 Resp: 572605
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.37 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:252 Resp: 176158
Ion Ratio Lower Upper
252 100
254 64.4 50.6 76.0
126 9.2 7.0 10.6





#83

Chrysene

Concen: 39.79 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

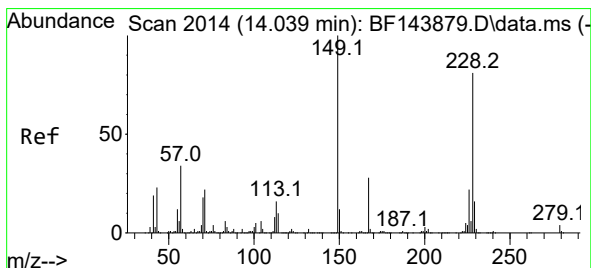
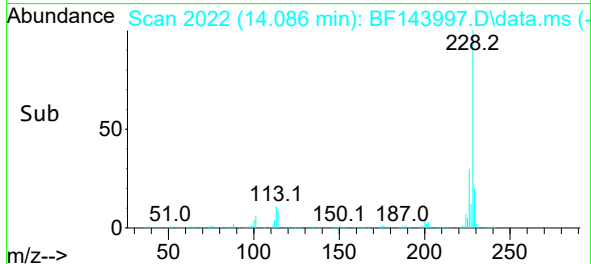
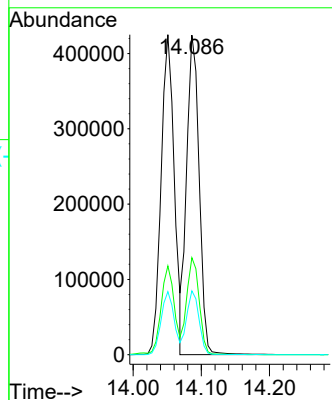
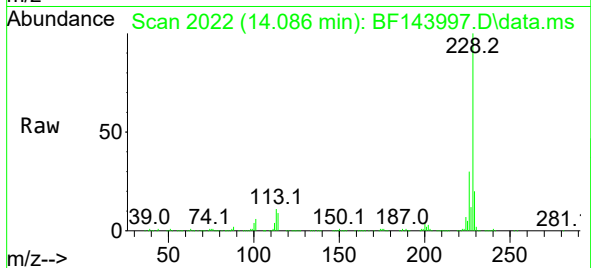
Tgt Ion:228 Resp: 540703

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.43 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

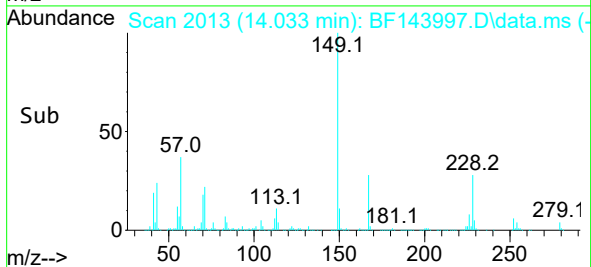
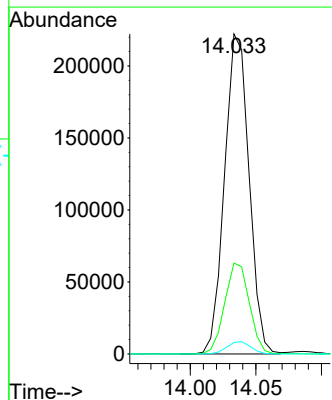
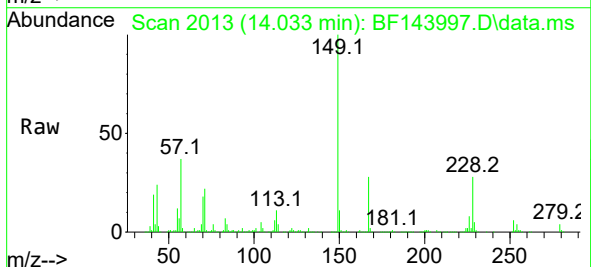
Tgt Ion:149 Resp: 288745

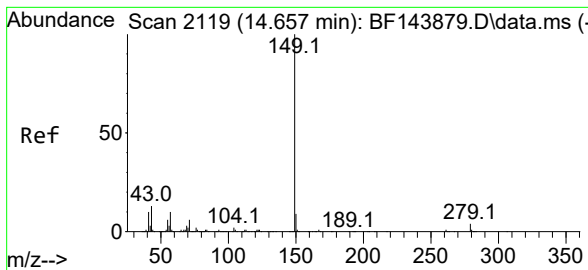
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 3.6 3.1 4.7

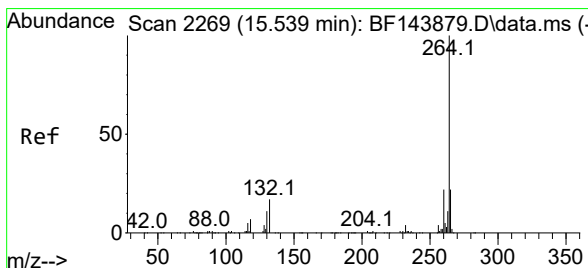
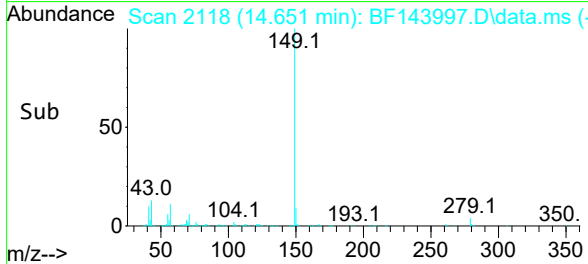
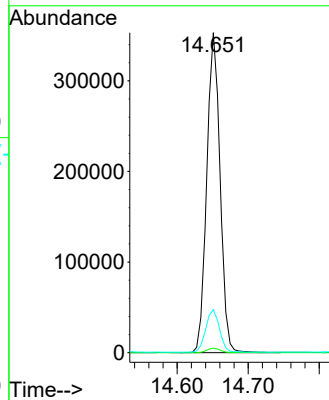
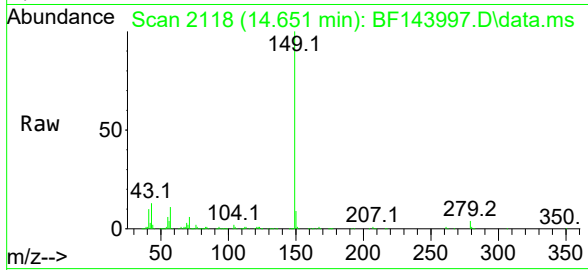




#85
Di-n-octyl phthalate
Concen: 38.29 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

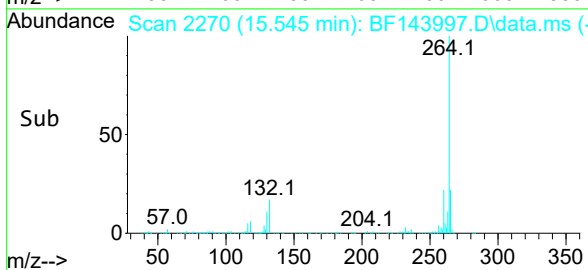
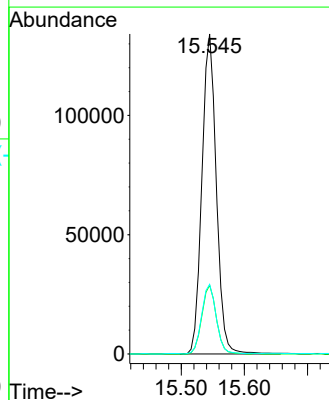
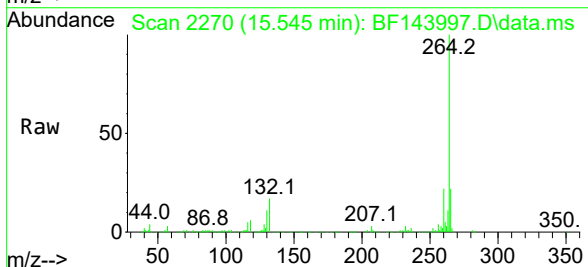
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

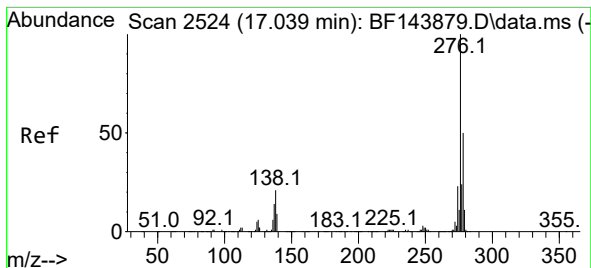
Tgt Ion:149 Resp: 460570
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:264 Resp: 212318
Ion Ratio Lower Upper
264 100
260 21.5 17.8 26.8
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.72 ng

RT: 17.051 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

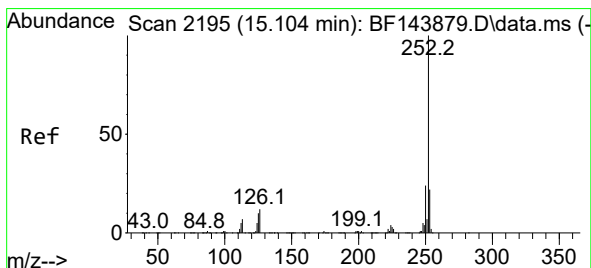
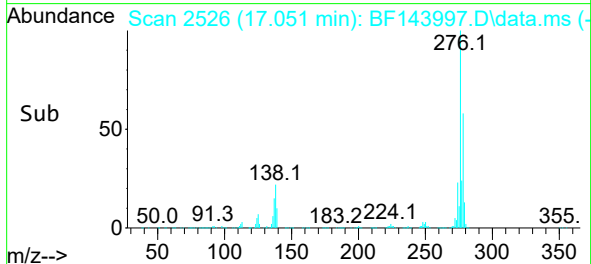
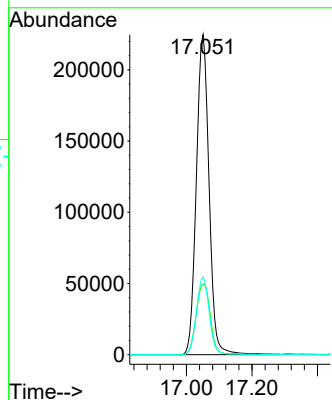
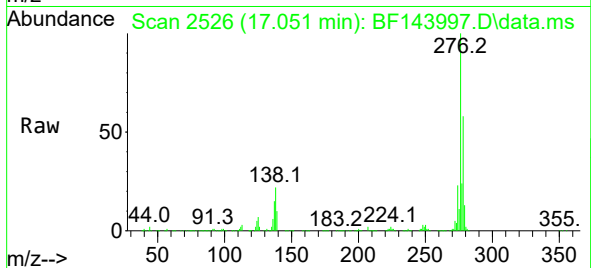
Tgt Ion:276 Resp: 607776

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.2

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 37.96 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

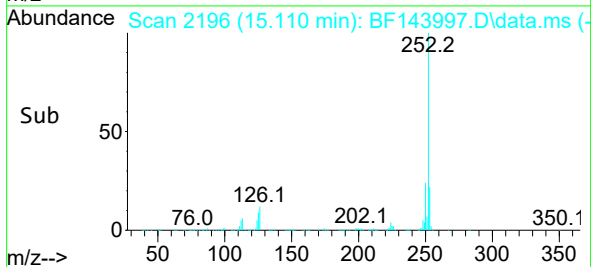
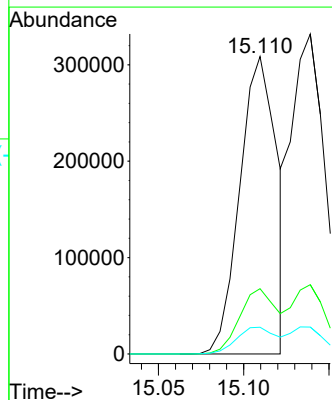
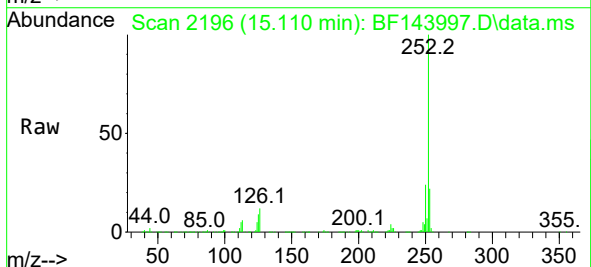
Tgt Ion:252 Resp: 462937

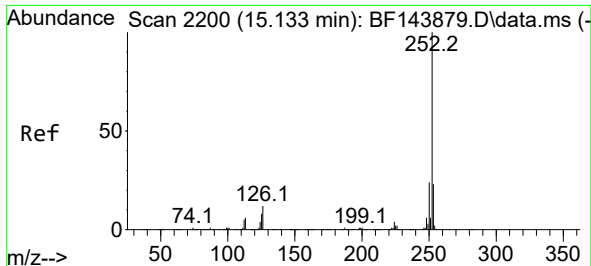
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.0 7.8 11.6

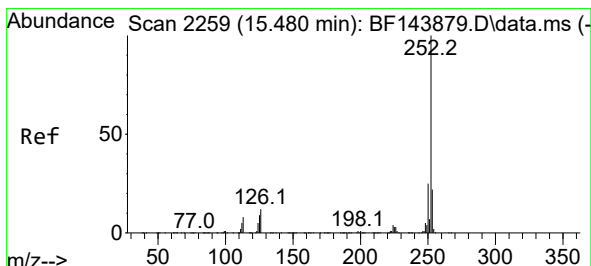
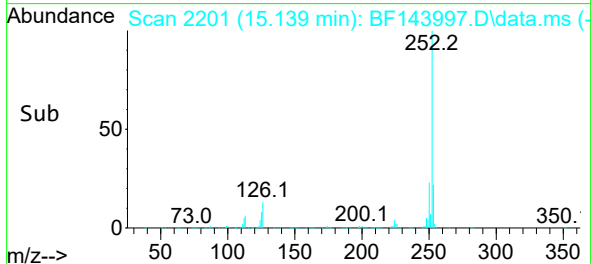
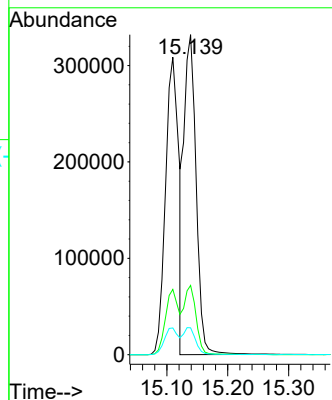
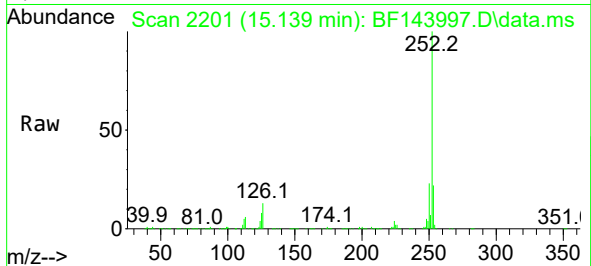




#89
Benzo(k)fluoranthene
Concen: 41.06 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

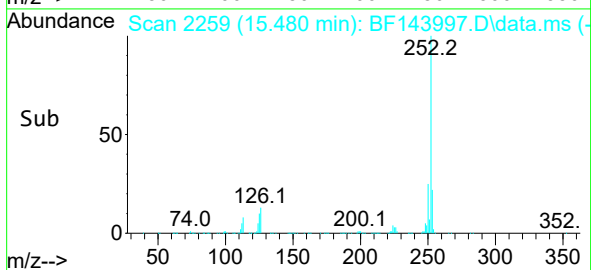
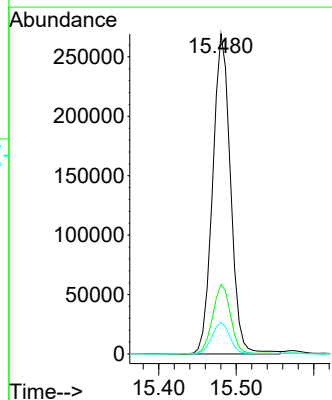
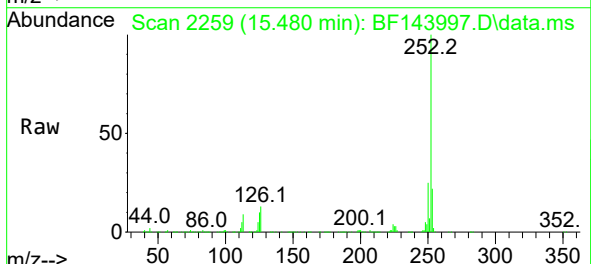
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

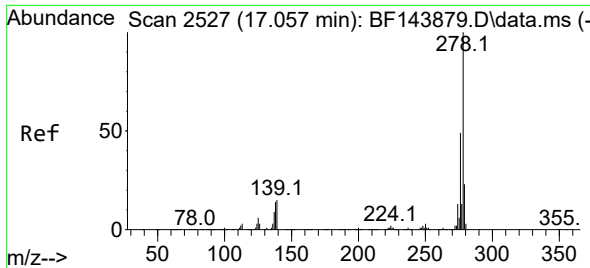
Tgt Ion:252 Resp: 463363
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.76 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:252 Resp: 431094
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.9 7.0 10.4

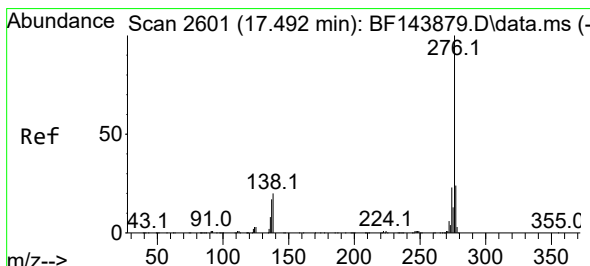
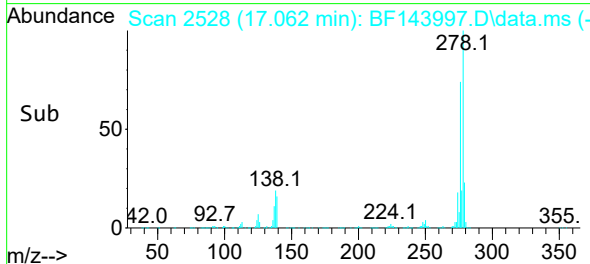
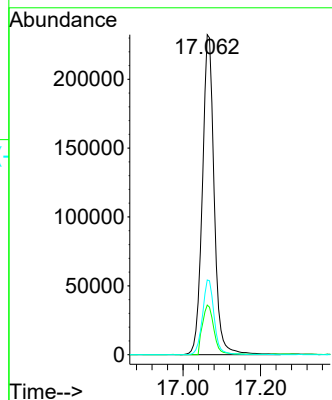
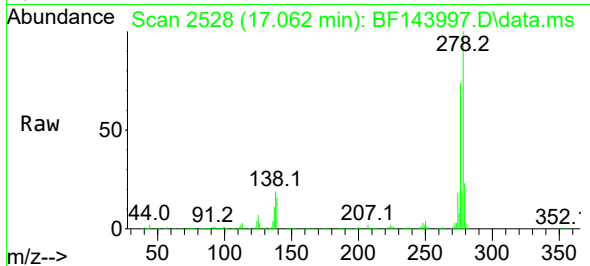




#91
Dibenzo(a,h)anthracene
Concen: 47.02 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 491981
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 23.4 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 46.81 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143997.D
Acq: 20 Oct 2025 13:28

Tgt Ion:276 Resp: 489771
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 21.5 16.1 24.1

