

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143951.D
 Acq On : 15 Oct 2025 14:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 16 00:09:07 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	133330	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	482185	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	244444	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	412442	20.000	ng	0.00
76) Chrysene-d12	14.063	240	218845	20.000	ng	0.00
86) Perylene-d12	15.545	264	232657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	701297	83.526	ng	0.00
7) Phenol-d6	6.510	99	813552	81.291	ng	0.00
23) Nitrobenzene-d5	7.445	82	684673	86.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	196080	80.535	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1152310	74.799	ng	-0.01
79) Terphenyl-d14	13.004	244	1175950	91.836	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	168790	43.443	ng	96
3) Pyridine	3.399	79	484730	42.856	ng	99
4) n-Nitrosodimethylamine	3.352	42	248770	41.810	ng	93
6) Aniline	6.546	93	592351	39.499	ng	98
8) 2-Chlorophenol	6.669	128	347897	42.389	ng	99
9) Benzaldehyde	6.434	77	329993	42.745	ng	99
10) Phenol	6.522	94	517071	43.217	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	384555	41.608	ng	98
12) 1,3-Dichlorobenzene	6.822	146	397396	40.451	ng	99
13) 1,4-Dichlorobenzene	6.898	146	393148	40.569	ng	99
14) 1,2-Dichlorobenzene	7.051	146	380798	41.025	ng	99
15) Benzyl Alcohol	7.022	79	301088	40.153	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849690	40.388	ng	99
17) 2-Methylphenol	7.134	107	279190	41.162	ng	98
18) Hexachloroethane	7.398	117	133072	41.175	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	235868	34.431	ng	99
20) 3+4-Methylphenols	7.287	107	297457	37.839	ng	# 85
22) Acetophenone	7.293	105	387720	38.029	ng	97
24) Nitrobenzene	7.469	77	385214	43.707	ng	98
25) Isophorone	7.704	82	631085	37.711	ng	99
26) 2-Nitrophenol	7.781	139	171815	45.470	ng	96
27) 2,4-Dimethylphenol	7.816	122	273265	40.202	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	400166	37.855	ng	99
29) 2,4-Dichlorophenol	8.022	162	284584	40.193	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	294138	42.241	ng	98
31) Naphthalene	8.187	128	875652	39.922	ng	99
32) Benzoic acid	7.922	122	174031	36.994	ng	97
33) 4-Chloroaniline	8.234	127	316865	38.518	ng	99
34) Hexachlorobutadiene	8.304	225	199996	41.331	ng	99
35) Caprolactam	8.604	113	86689	38.507	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	258338	37.984	ng	98
37) 2-Methylnaphthalene	8.881	142	546469	37.401	ng	100
38) 1-Methylnaphthalene	8.981	142	527838	37.245	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	286554	42.414	ng	99
41) Hexachlorocyclopentadiene	9.034	237	99519	35.507	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	202402	41.002	ng	95

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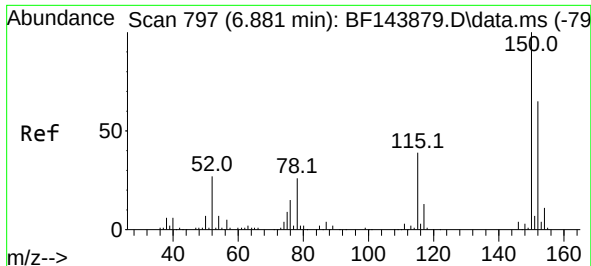
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	218232	41.834	ng	99
46) 1,1'-Biphenyl	9.345	154	647360	39.999	ng	99
47) 2-Chloronaphthalene	9.369	162	541940	40.162	ng	99
48) 2-Nitroaniline	9.463	65	193716	45.408	ng	99
49) Acenaphthylene	9.787	152	752209	39.652	ng	99
50) Dimethylphthalate	9.639	163	627266	40.408	ng	100
51) 2,6-Dinitrotoluene	9.704	165	126997	44.119	ng	99
52) Acenaphthene	9.957	154	487810	39.243	ng	98
53) 3-Nitroaniline	9.875	138	151320	42.933	ng	99
54) 2,4-Dinitrophenol	9.981	184	59009	37.292	ng	95
55) Dibenzofuran	10.128	168	693521	39.523	ng	99
56) 4-Nitrophenol	10.028	139	108053	40.489	ng	97
57) 2,4-Dinitrotoluene	10.110	165	176514	45.069	ng	98
58) Fluorene	10.475	166	521316	39.373	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154500	41.839	ng	# 98
60) Diethylphthalate	10.345	149	573978	39.801	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	281670	40.238	ng	98
62) 4-Nitroaniline	10.492	138	139496	41.158	ng	97
63) Azobenzene	10.628	77	612519	40.639	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	93100	44.919	ng	95
66) n-Nitrosodiphenylamine	10.586	169	527087	40.701	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	181806	39.886	ng	99
68) Hexachlorobenzene	11.022	284	211176	40.018	ng	99
69) Atrazine	11.110	200	154583	39.383	ng	99
70) Pentachlorophenol	11.216	266	112456	37.105	ng	98
71) Phenanthrene	11.439	178	798219	39.920	ng	99
72) Anthracene	11.492	178	812167	40.206	ng	100
73) Carbazole	11.645	167	708926	39.626	ng	99
74) Di-n-butylphthalate	11.975	149	858583	41.408	ng	99
75) Fluoranthene	12.633	202	793565	38.422	ng	99
77) Benzidine	12.751	184	279680	36.806	ng	99
78) Pyrene	12.863	202	818988	44.889	ng	100
80) Butylbenzylphthalate	13.480	149	276998	46.748	ng	98
81) Benzo(a)anthracene	14.051	228	583301	40.730	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	173726	39.805	ng	99
83) Chrysene	14.086	228	555760	41.929	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	319245	44.695	ng	99
85) Di-n-octyl phthalate	14.651	149	496355	42.310	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	680809	47.756	ng	98
88) Benzo(b)fluoranthene	15.110	252	496749	37.169	ng	99
89) Benzo(k)fluoranthene	15.139	252	505130	40.847	ng	99
90) Benzo(a)pyrene	15.480	252	481121	41.518	ng	# 98
91) Dibenzo(a,h)anthracene	17.063	278	544260	47.469	ng	98
92) Benzo(g,h,i)perylene	17.504	276	547256	47.730	ng	99

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

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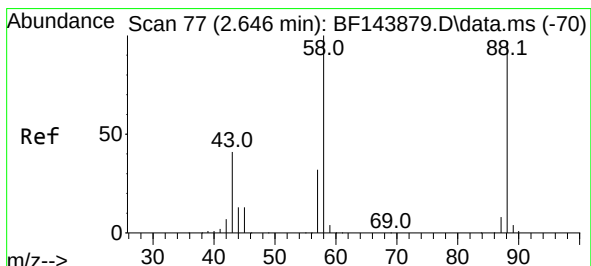
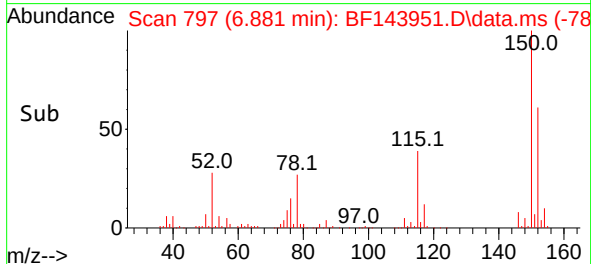
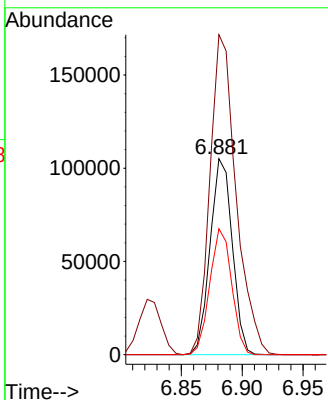
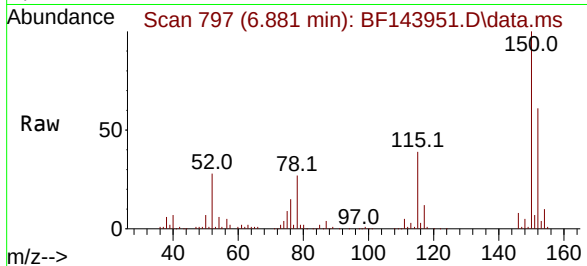




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

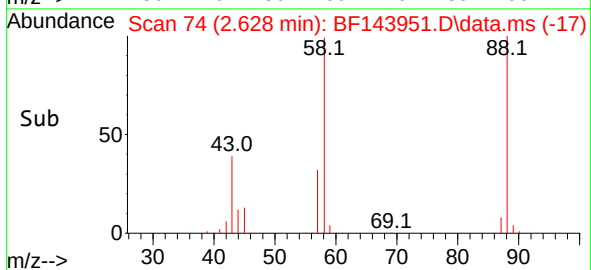
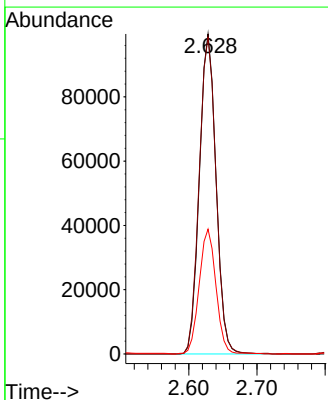
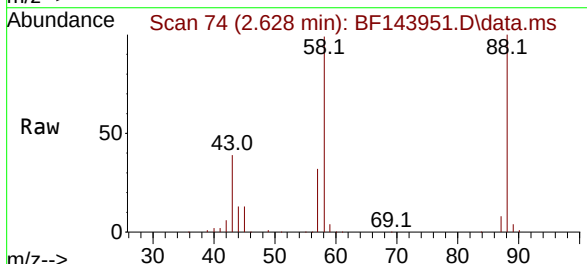
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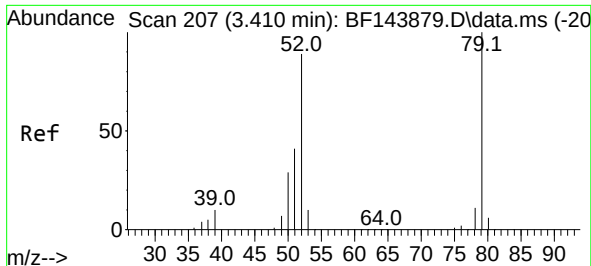
Tgt Ion:152 Resp: 133330
 Ion Ratio Lower Upper
 152 100
 150 163.3 124.4 186.6
 115 64.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.443 ng
 RT: 2.628 min Scan# 74
 Delta R.T. -0.017 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

Tgt Ion: 88 Resp: 168790
 Ion Ratio Lower Upper
 88 100
 58 100.4 83.0 124.6
 43 39.4 33.9 50.9

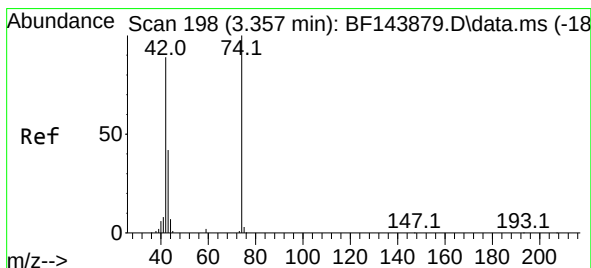
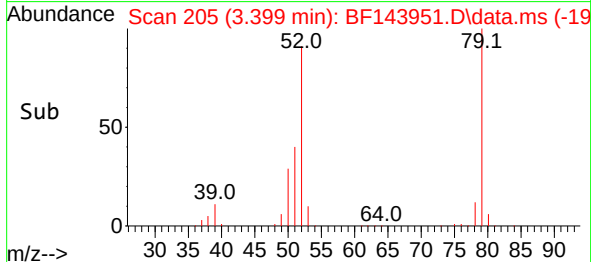
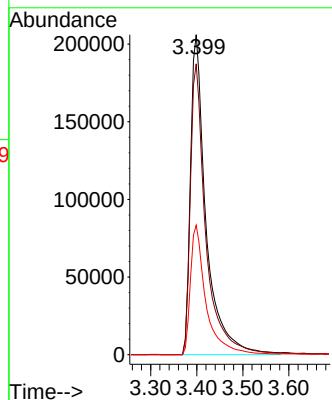
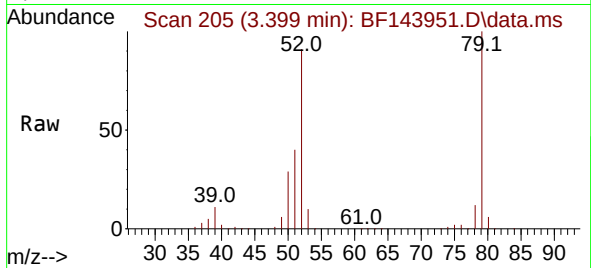




#3
Pyridine
Concen: 42.856 ng
RT: 3.399 min Scan# 207
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

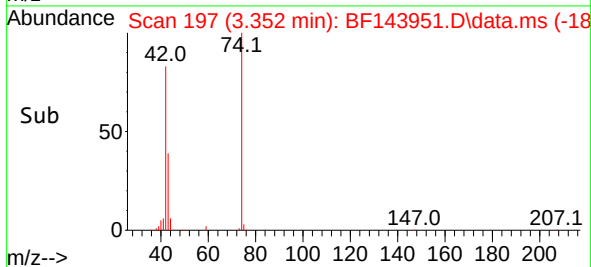
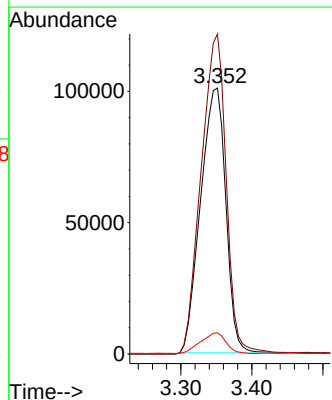
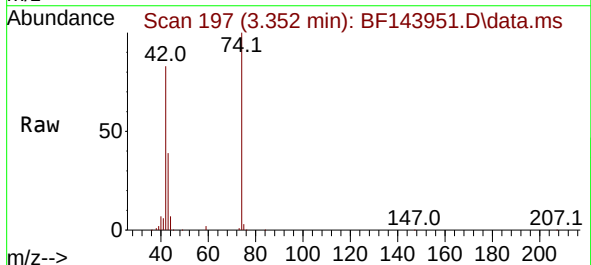
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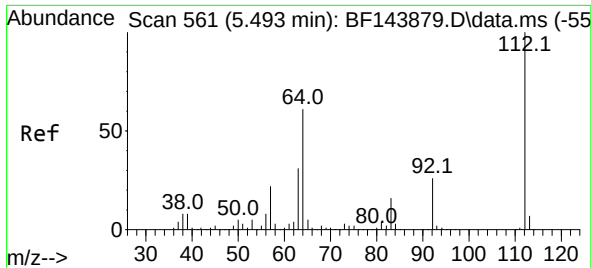
Tgt Ion: 79 Resp: 484730
Ion Ratio Lower Upper
79 100
52 90.9 71.5 107.3
51 40.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 41.810 ng
RT: 3.352 min Scan# 197
Delta R.T. -0.035 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 42 Resp: 248770
Ion Ratio Lower Upper
42 100
74 120.3 90.0 135.0
44 7.9 6.2 9.2

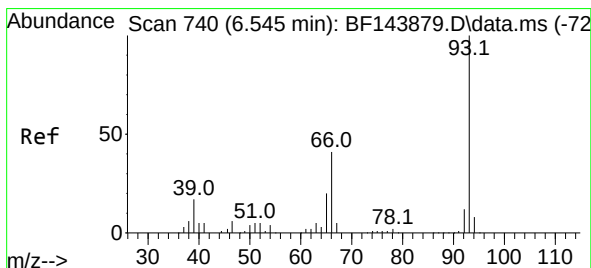
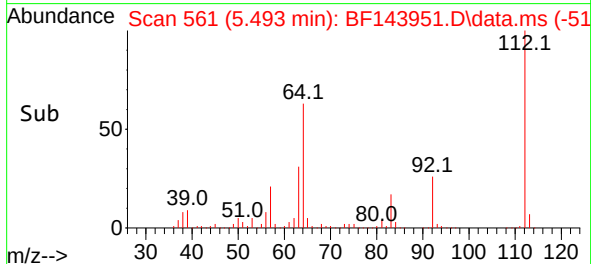
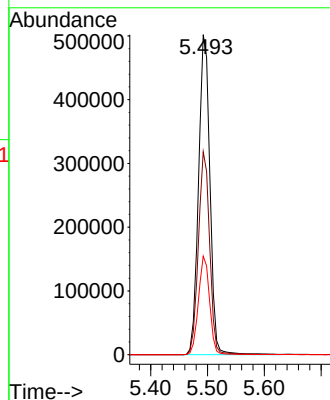
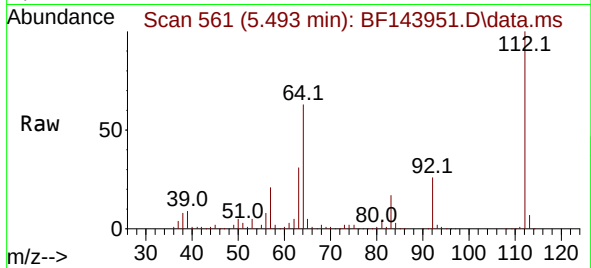




#5
2-Fluorophenol
Concen: 83.526 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

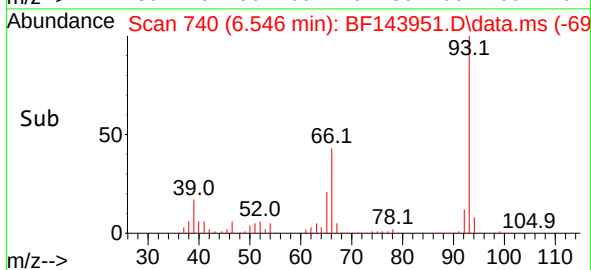
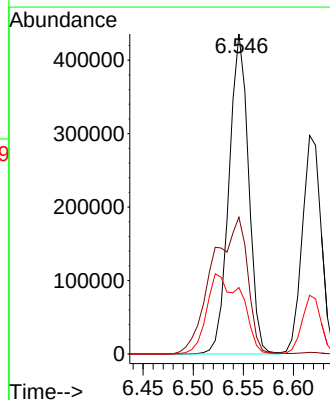
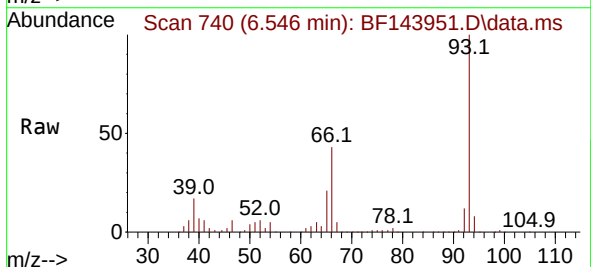
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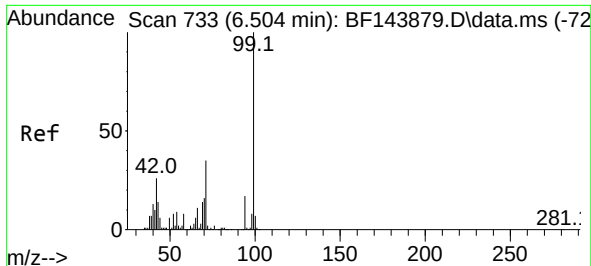
Tgt Ion:112 Resp: 701297
Ion Ratio Lower Upper
112 100
64 63.4 49.1 73.7
63 30.8 24.5 36.7



#6
Aniline
Concen: 39.499 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 93 Resp: 592351
Ion Ratio Lower Upper
93 100
66 42.8 33.0 49.6
65 20.7 15.8 23.8





#7

Phenol-d6

Concen: 81.291 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

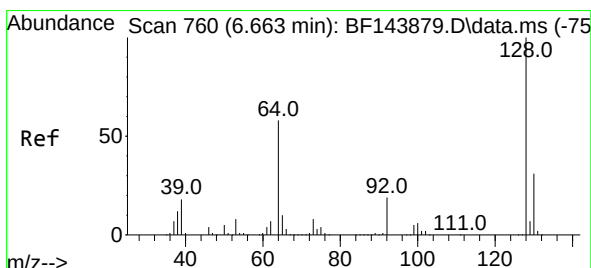
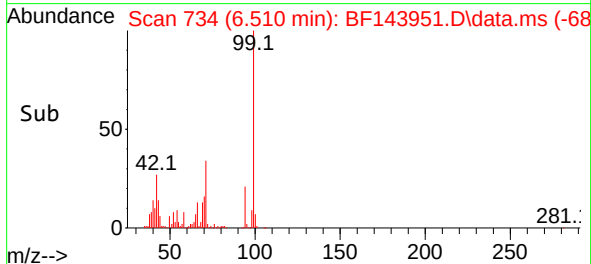
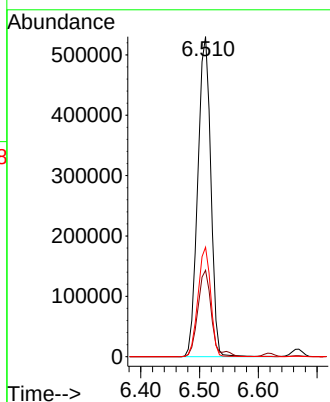
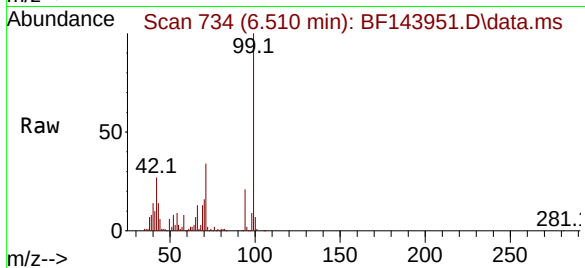
Tgt Ion: 99 Resp: 813552

Ion Ratio Lower Upper

99 100

42 27.0 21.0 31.4

71 34.2 27.8 41.8



#8

2-Chlorophenol

Concen: 42.389 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

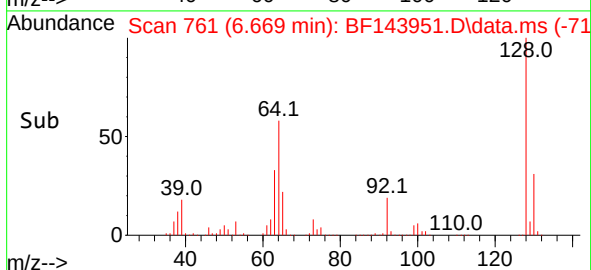
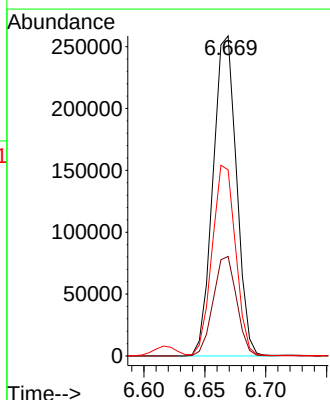
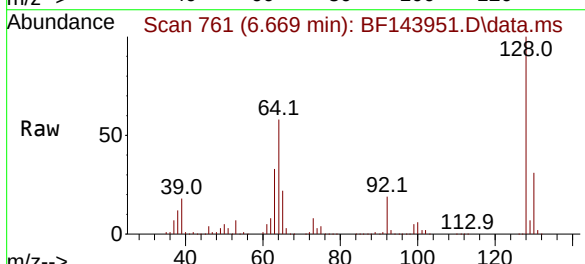
Tgt Ion:128 Resp: 347897

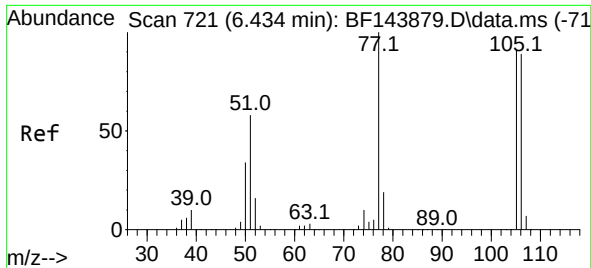
Ion Ratio Lower Upper

128 100

130 31.1 10.7 50.7

64 58.1 39.0 79.0

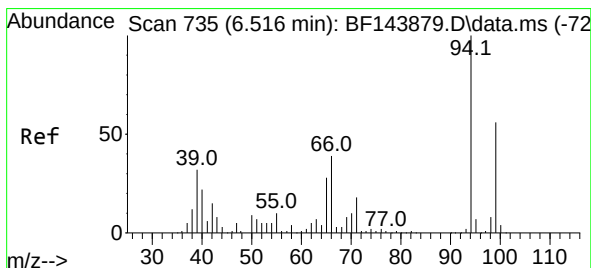
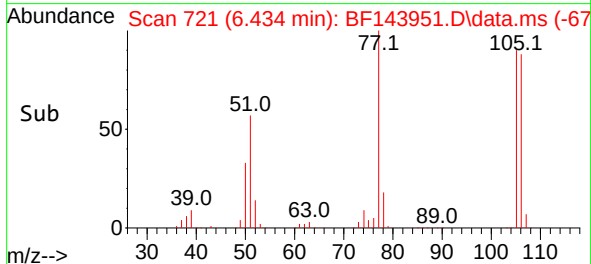
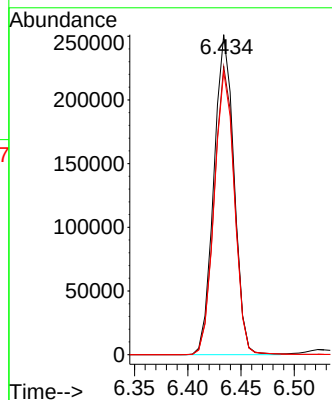
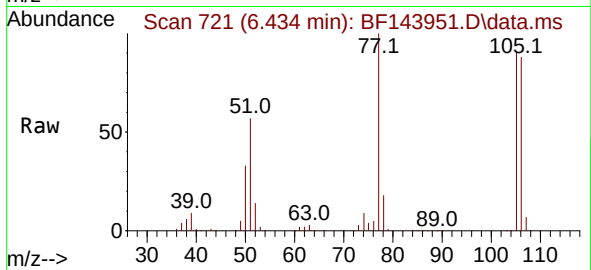




#9
Benzaldehyde
Concen: 42.745 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

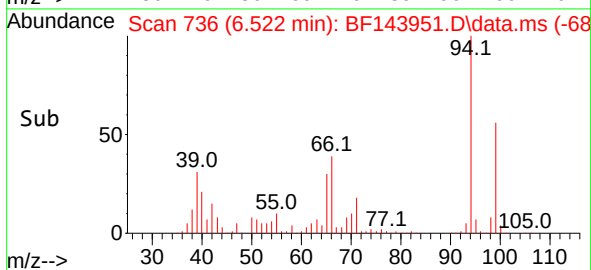
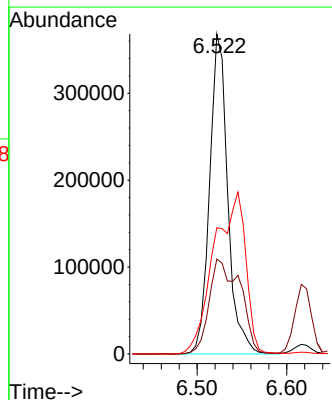
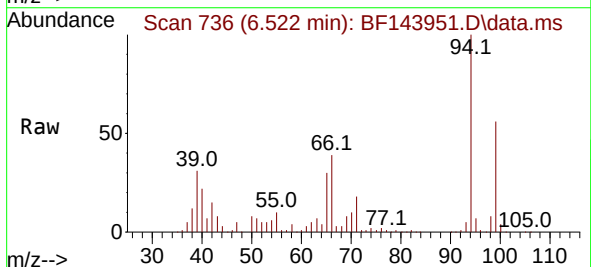
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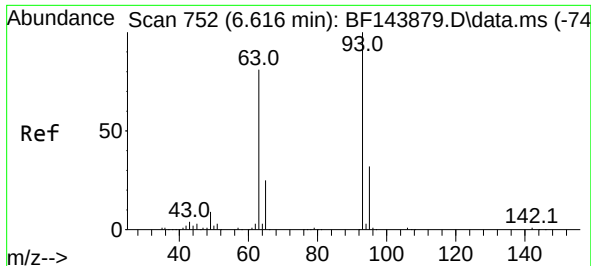
Tgt Ion: 77 Resp: 329993
Ion Ratio Lower Upper
77 100
105 90.0 70.9 110.9
106 88.4 68.9 108.9



#10
Phenol
Concen: 43.217 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 94 Resp: 517071
Ion Ratio Lower Upper
94 100
65 29.6 8.5 48.5
66 39.5 19.9 59.9

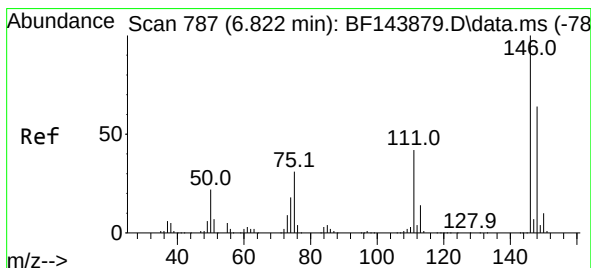
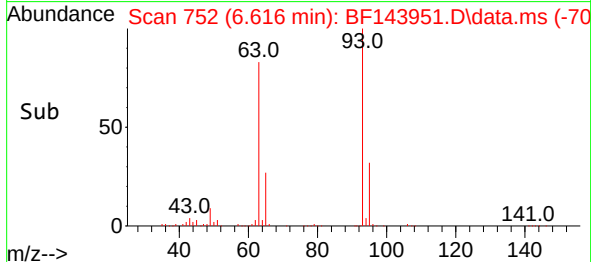
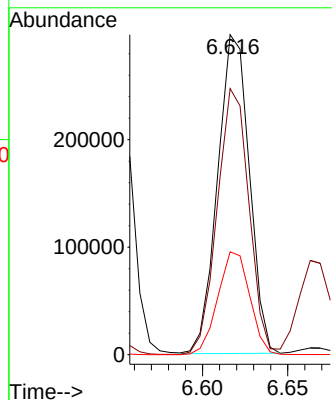
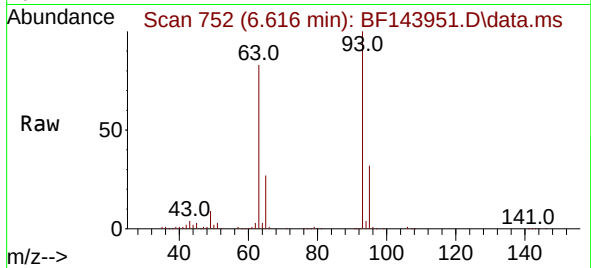




#11
bis(2-Chloroethyl)ether
Concen: 41.608 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

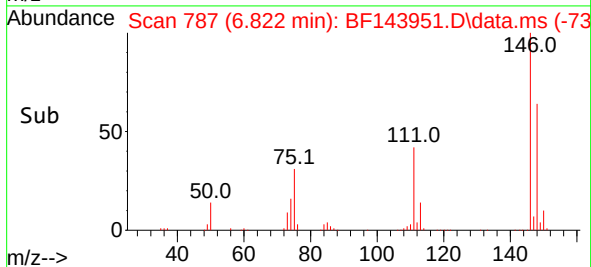
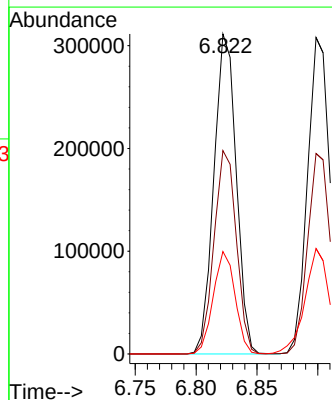
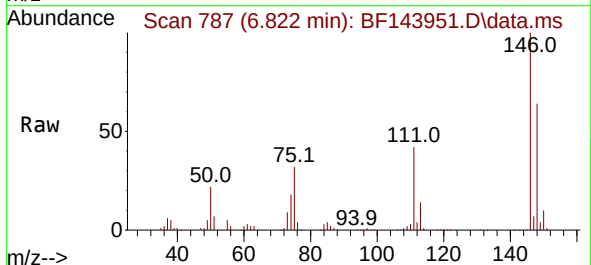
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

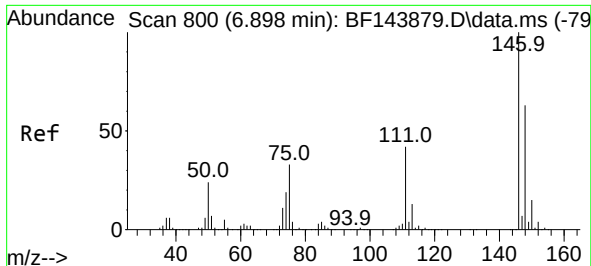
Tgt Ion: 93 Resp: 384555
Ion Ratio Lower Upper
93 100
63 83.2 60.9 100.9
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.451 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:146 Resp: 397396
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 32.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.569 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

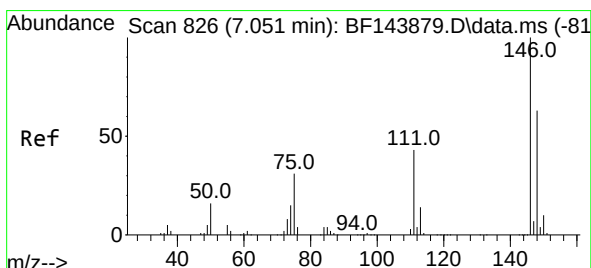
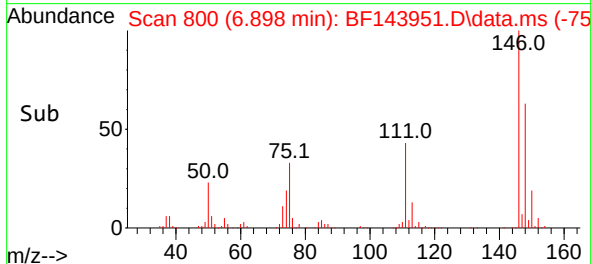
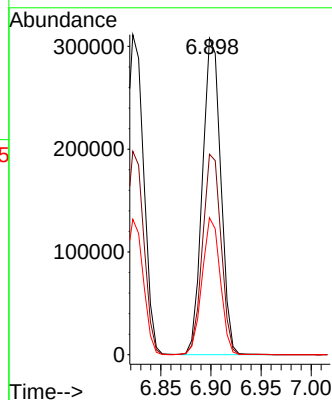
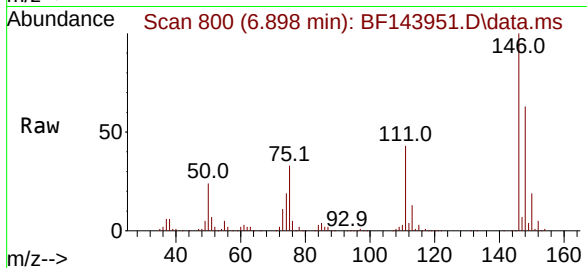
Tgt Ion:146 Resp: 393148

Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

111 43.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 41.025 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

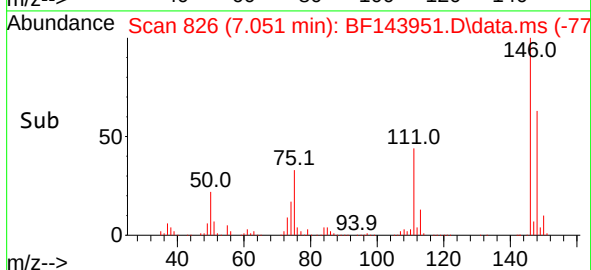
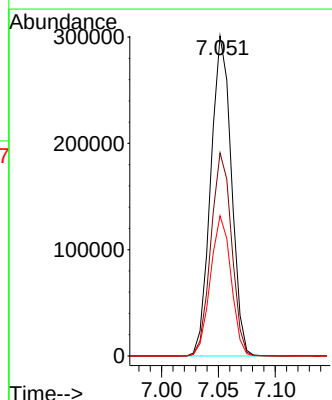
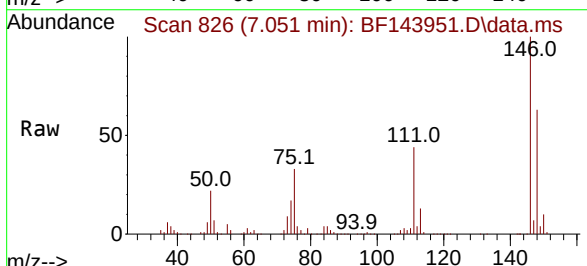
Tgt Ion:146 Resp: 380798

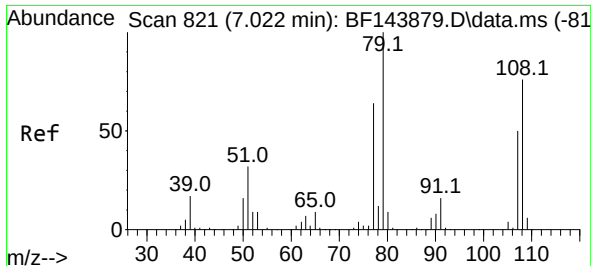
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 43.8 34.6 51.8

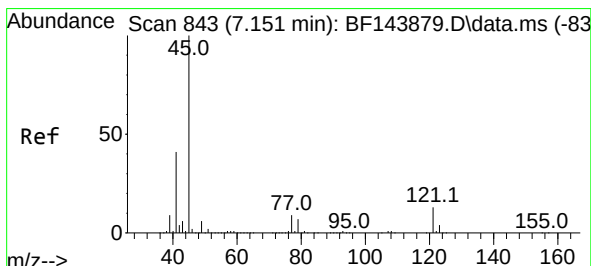
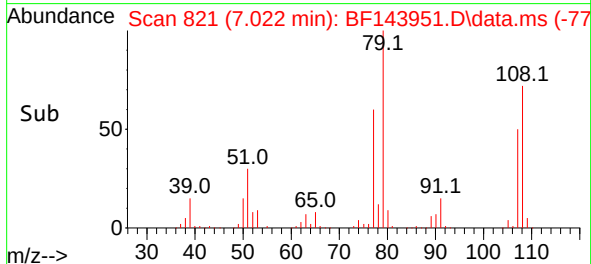
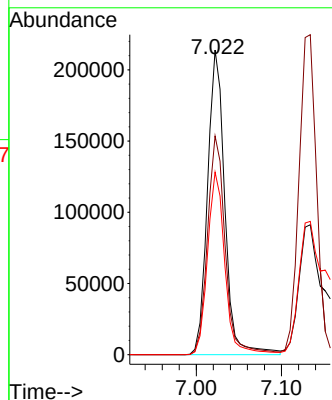
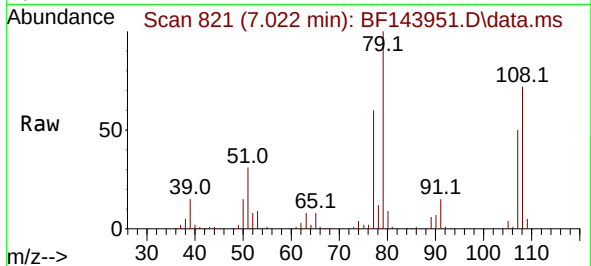




#15
Benzyl Alcohol
Concen: 40.153 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

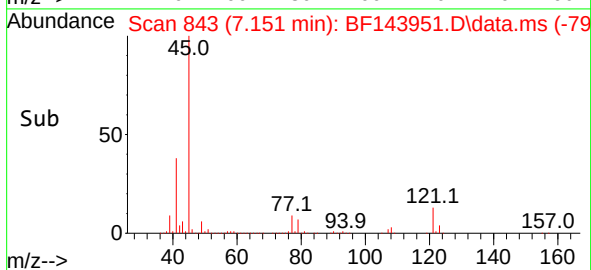
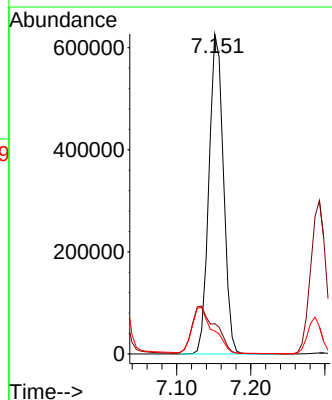
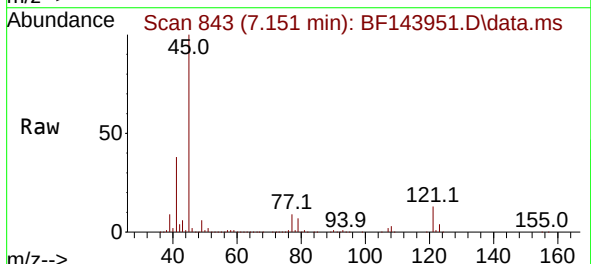
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

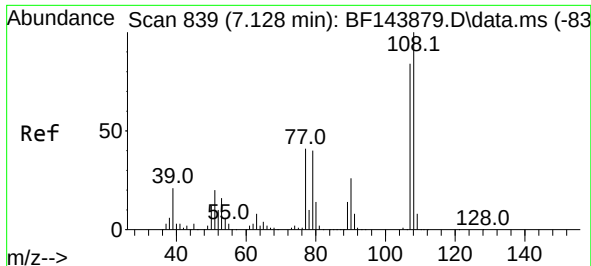
Tgt Ion: 79 Resp: 301088
Ion Ratio Lower Upper
79 100
108 71.8 60.8 91.2
77 60.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.388 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 45 Resp: 849690
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.0
79 7.1 0.0 26.8

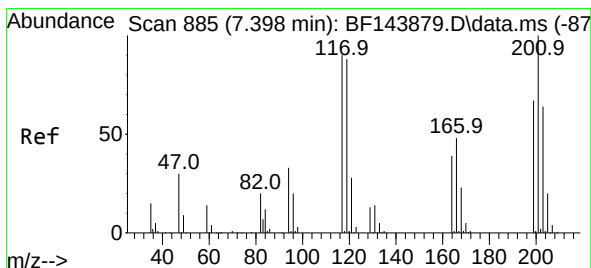
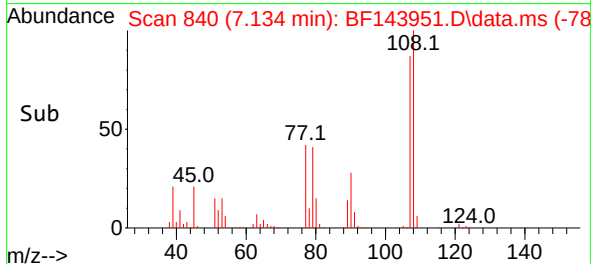
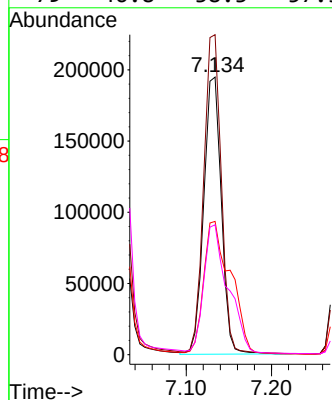
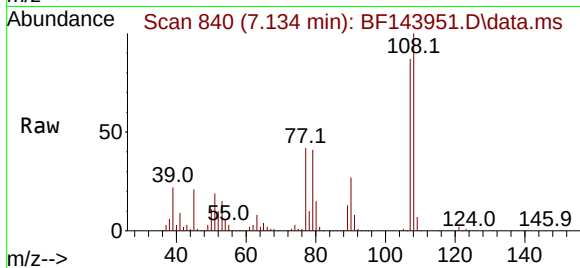




#17
2-Methylphenol
Concen: 41.162 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

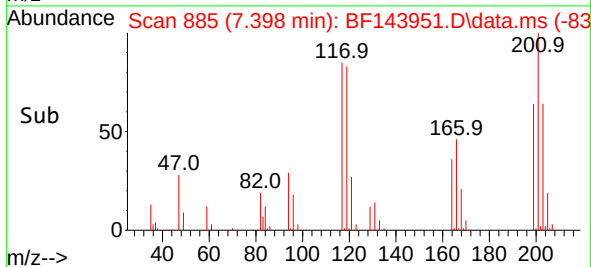
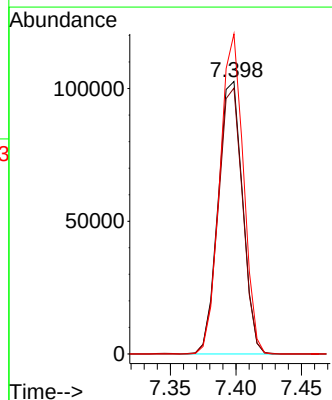
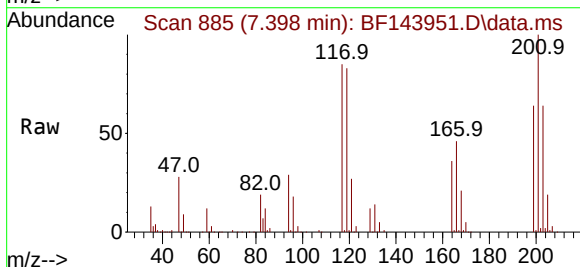
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

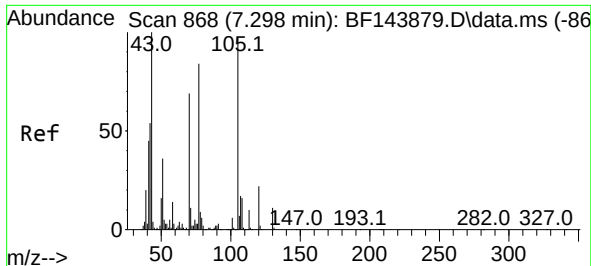
Tgt Ion:	107	Resp:	279190
Ion	Ratio	Lower	Upper
107	100		
108	115.3	94.7	142.1
77	48.1	38.8	58.2
79	46.8	38.3	57.5



#18
Hexachloroethane
Concen: 41.175 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:	117	Resp:	133072
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.8	116.8
201	117.5	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 34.431 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 235868

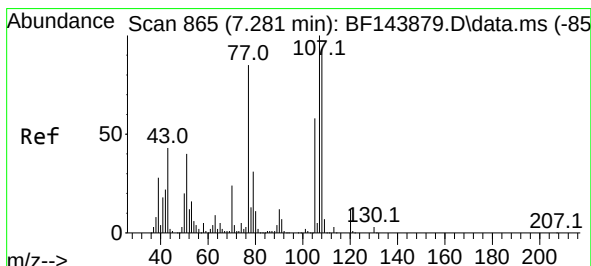
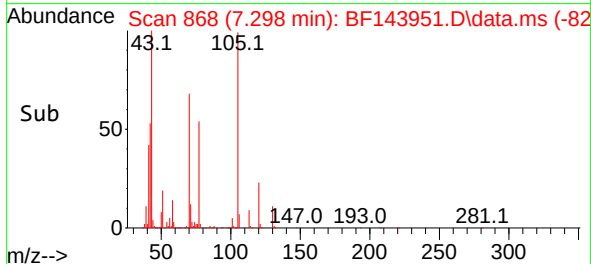
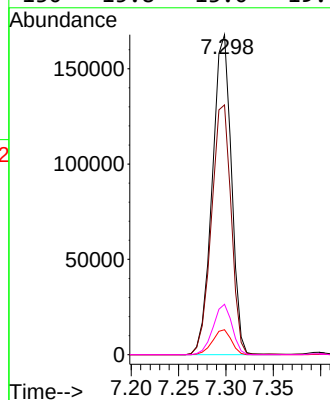
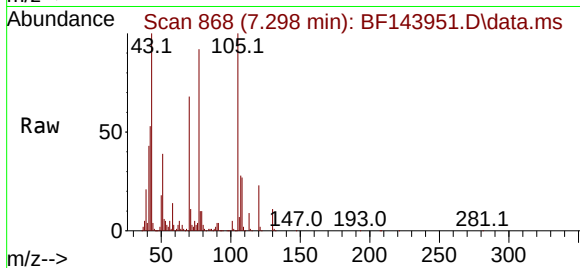
Ion Ratio Lower Upper

70 100

42 78.0 62.8 94.2

101 7.8 6.7 10.1

130 15.8 13.0 19.4



#20

3+4-Methylphenols

Concen: 37.839 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Tgt Ion: 107 Resp: 297457

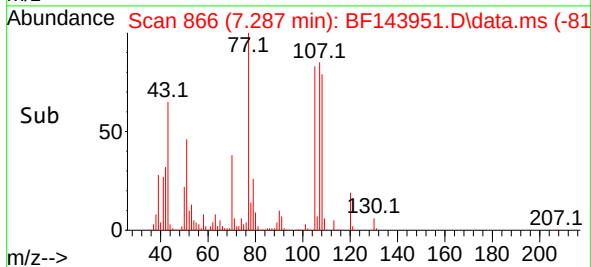
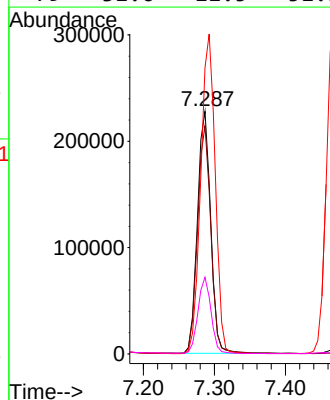
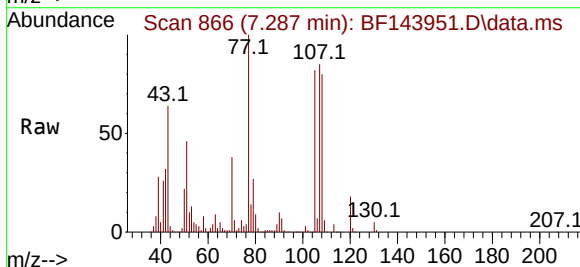
Ion Ratio Lower Upper

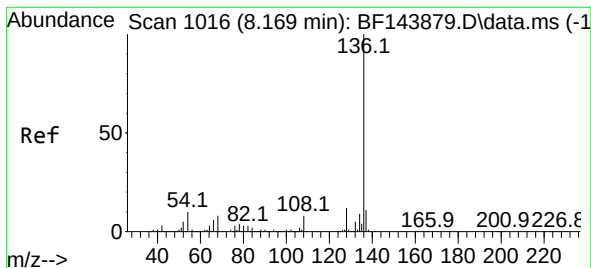
107 100

108 94.0 73.0 113.0

77 118.0 64.6 104.6#

79 31.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 482185

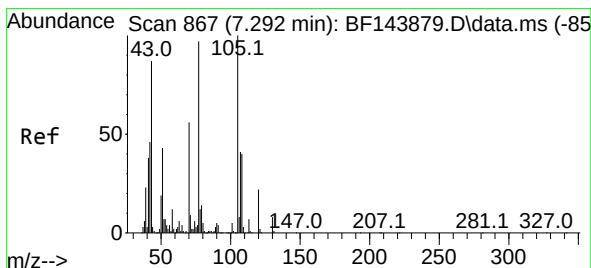
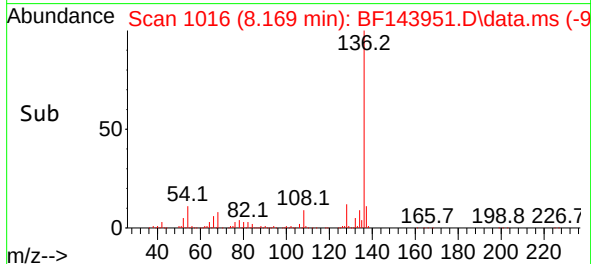
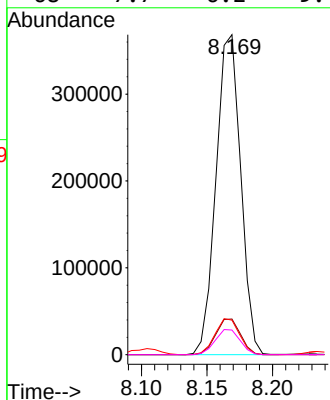
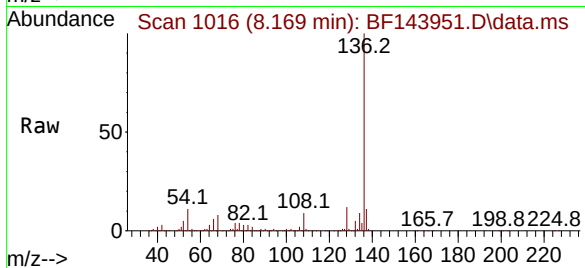
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.8 8.2 12.4

68 7.7 6.2 9.4



#22

Acetophenone

Concen: 38.029 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Tgt Ion:105 Resp: 387720

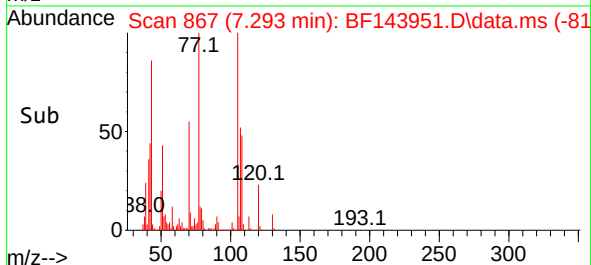
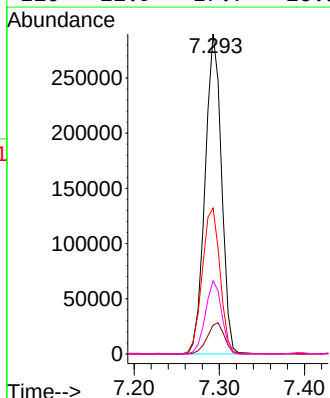
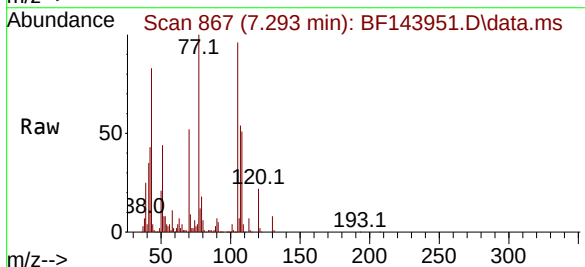
Ion Ratio Lower Upper

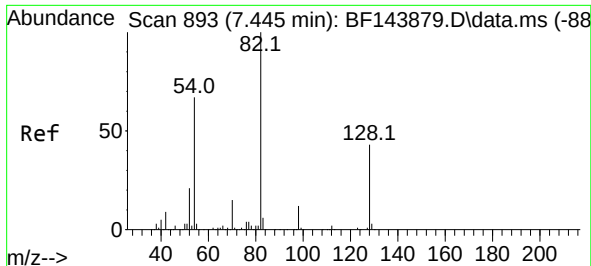
105 100

71 9.0 7.4 11.0

51 45.6 34.2 51.4

120 22.9 17.7 26.5

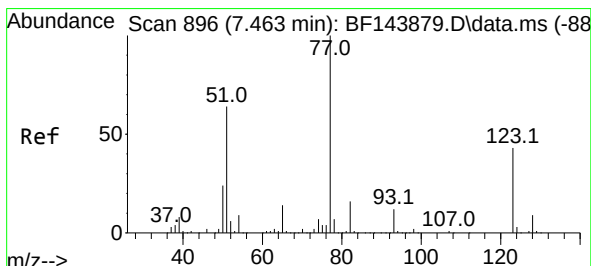
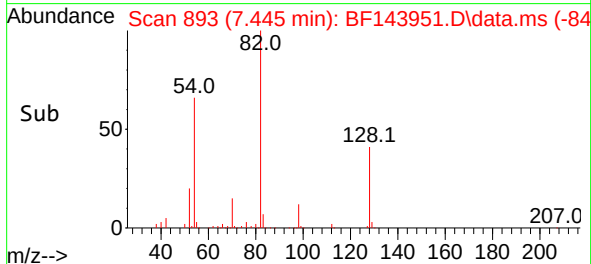
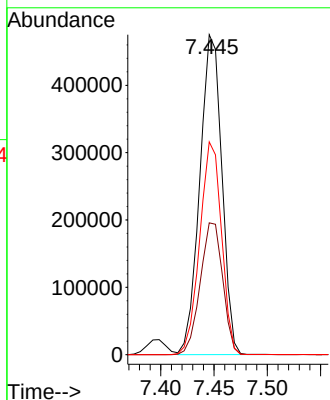
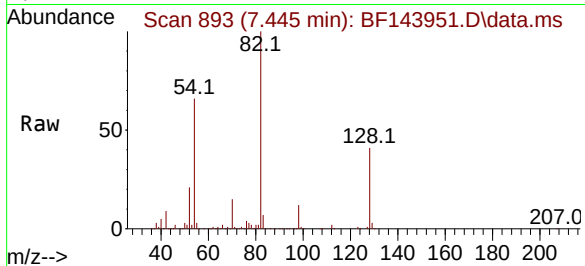




#23
Nitrobenzene-d5
Concen: 86.268 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

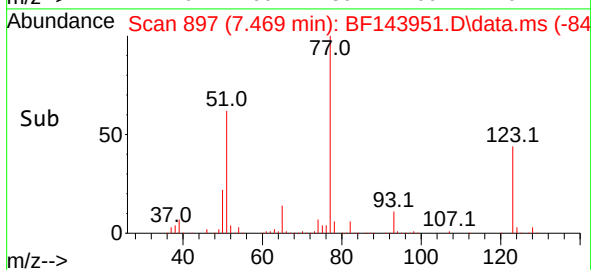
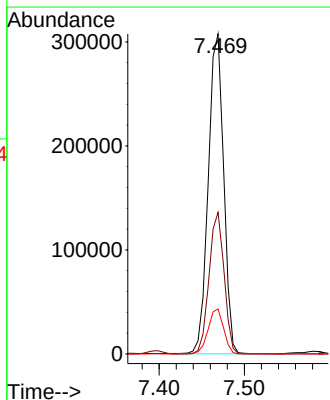
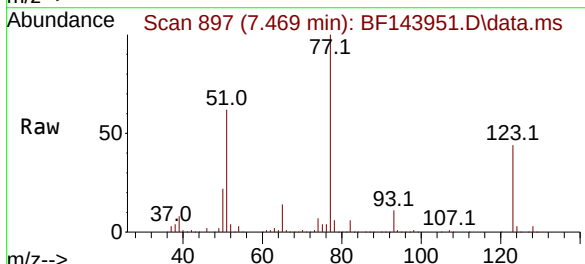
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

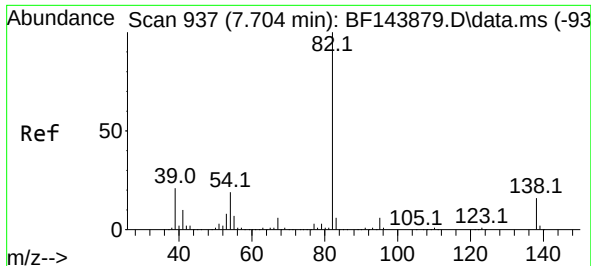
Tgt Ion: 82 Resp: 684673
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 66.5 53.2 79.8



#24
Nitrobenzene
Concen: 43.707 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 77 Resp: 385214
Ion Ratio Lower Upper
77 100
123 44.2 34.2 51.4
65 14.1 11.0 16.6

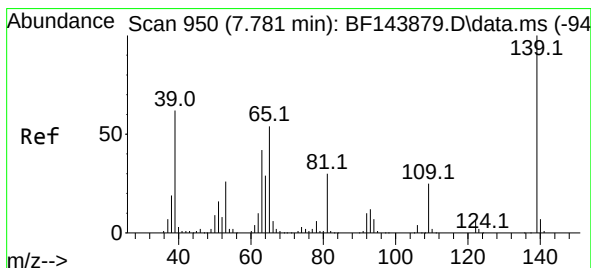
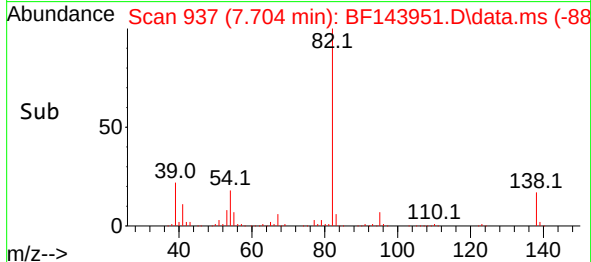
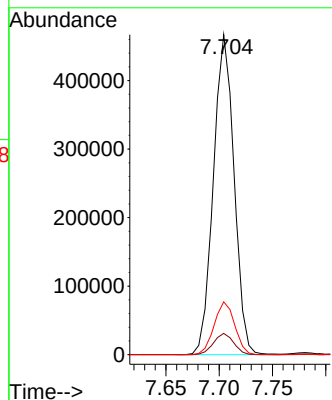
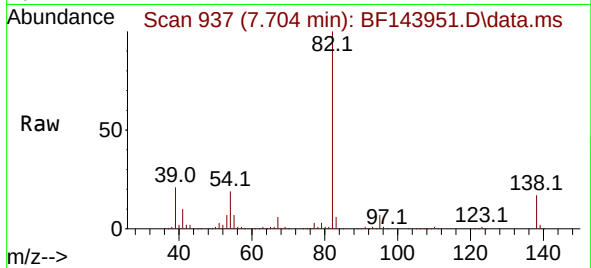




#25
Isophorone
Concen: 37.711 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

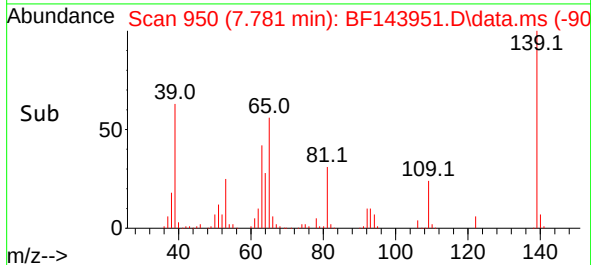
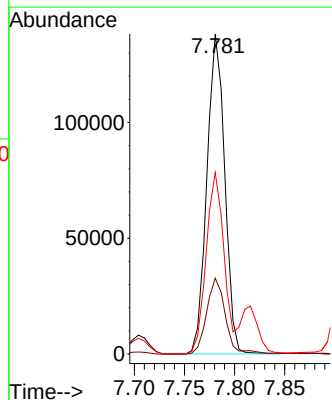
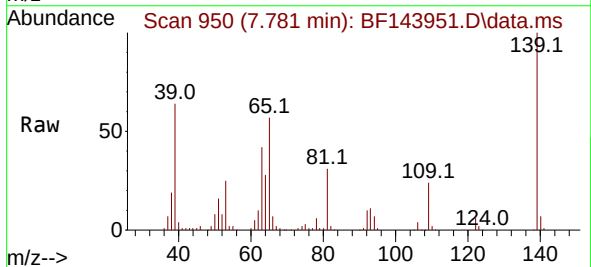
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

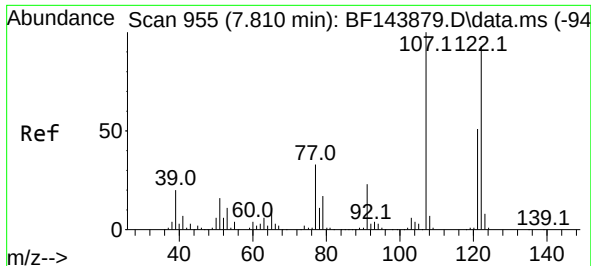
Tgt Ion: 82 Resp: 631085
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.5 12.9 19.3



#26
2-Nitrophenol
Concen: 45.470 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:139 Resp: 171815
Ion Ratio Lower Upper
139 100
109 23.7 19.8 29.6
65 56.7 42.9 64.3

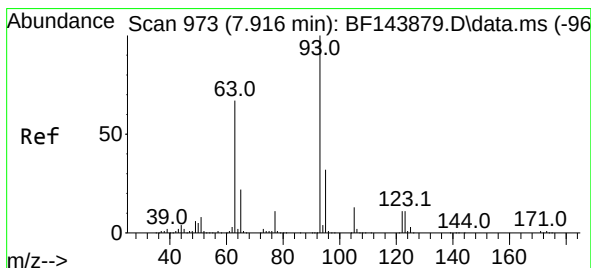
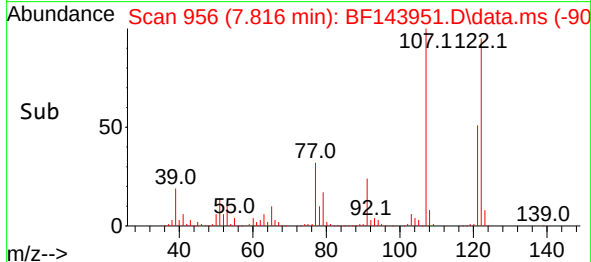
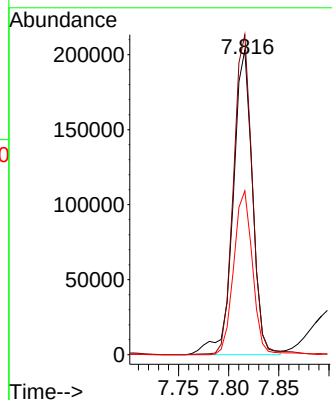
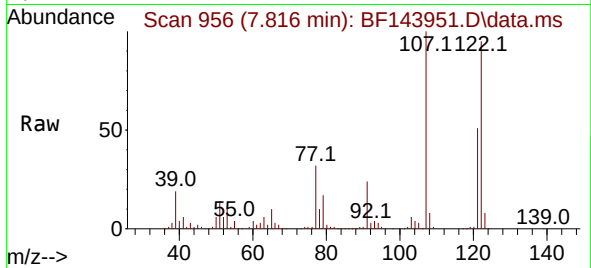




#27
2,4-Dimethylphenol
Concen: 40.202 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

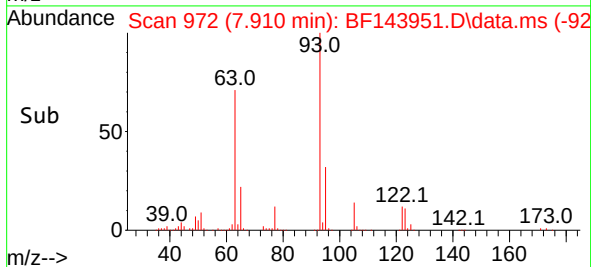
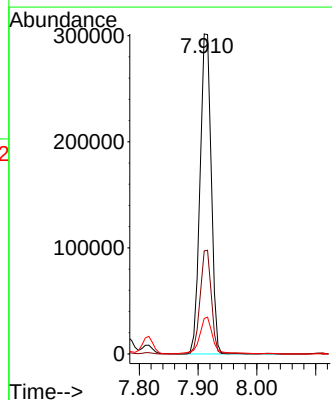
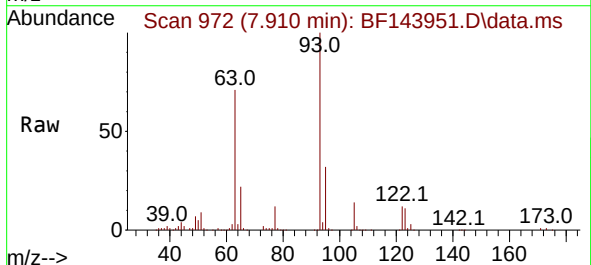
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

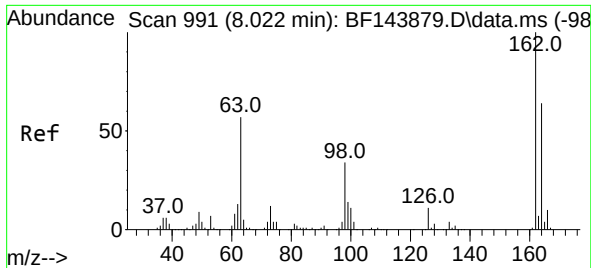
Tgt Ion:122 Resp: 273265
Ion Ratio Lower Upper
122 100
107 105.0 86.1 129.1
121 53.8 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.855 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 93 Resp: 400166
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.193 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

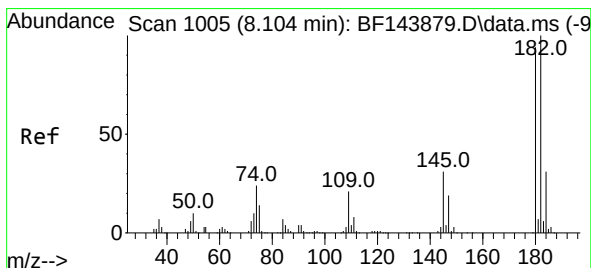
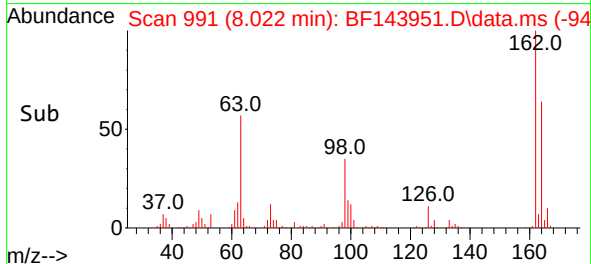
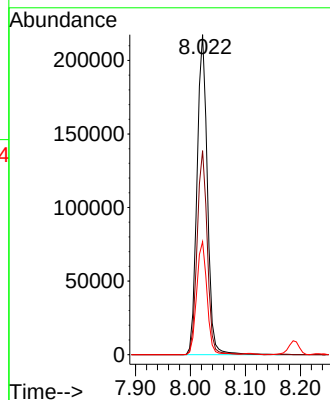
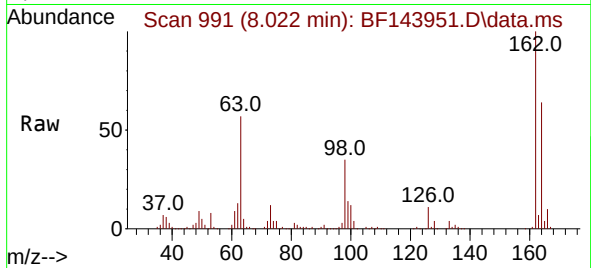
Tgt Ion:162 Resp: 284584

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 35.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 42.241 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

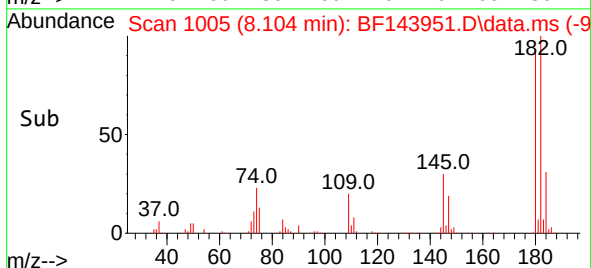
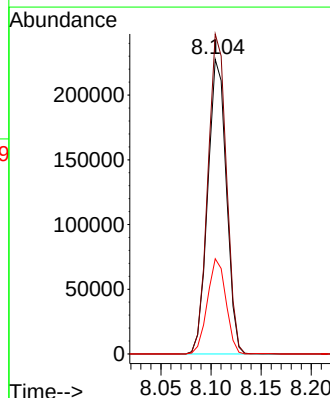
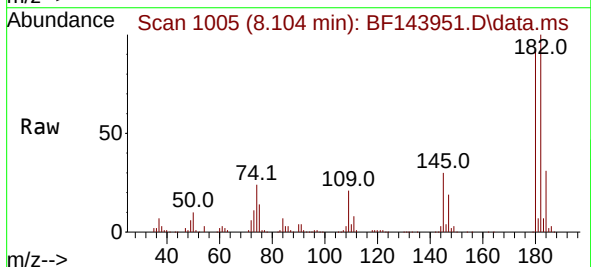
Tgt Ion:180 Resp: 294138

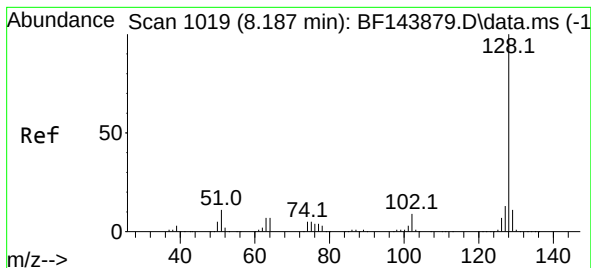
Ion Ratio Lower Upper

180 100

182 108.6 85.4 128.0

145 32.3 26.3 39.5





#31

Naphthalene

Concen: 39.922 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

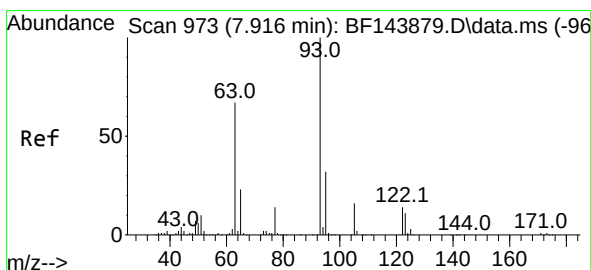
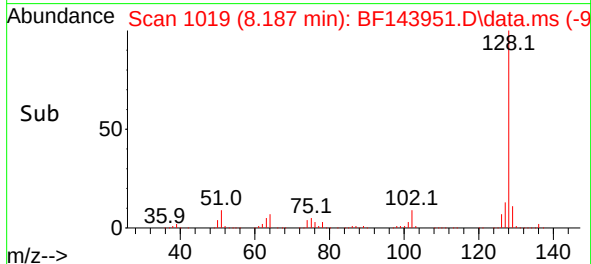
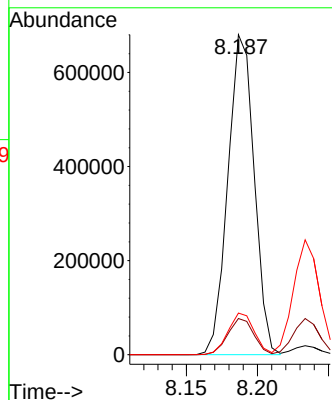
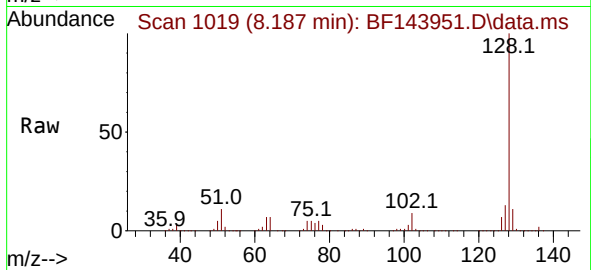
Tgt Ion:128 Resp: 875652

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.0 10.0 15.0



#32

Benzoic acid

Concen: 36.994 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

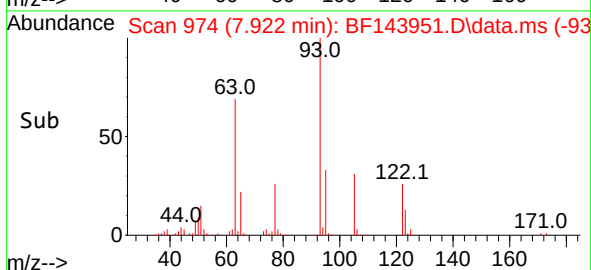
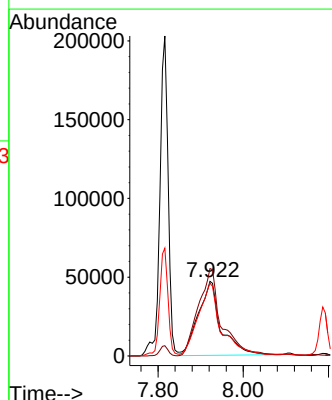
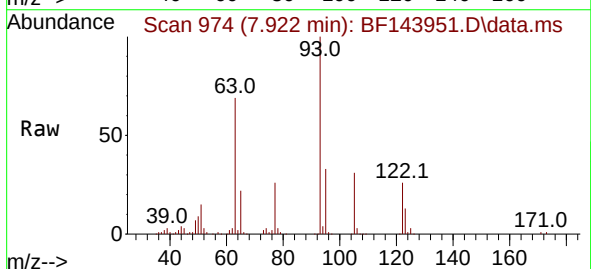
Tgt Ion:122 Resp: 174031

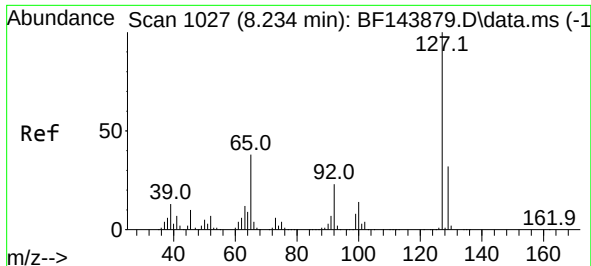
Ion Ratio Lower Upper

122 100

105 117.3 93.5 133.5

77 97.8 76.3 116.3

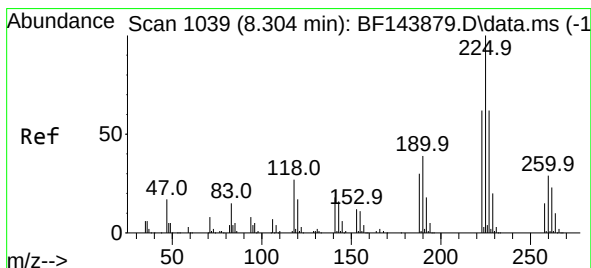
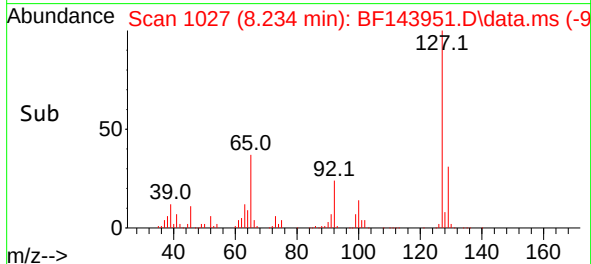
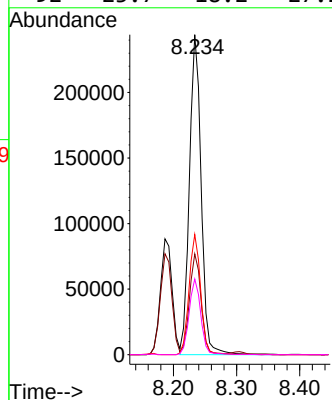
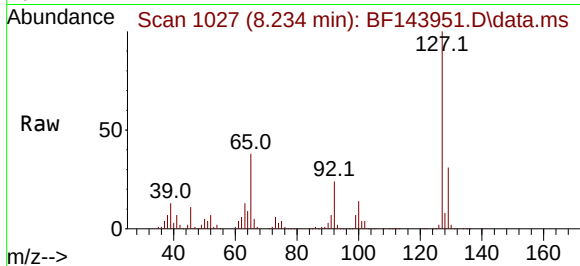




#33
4-Chloroaniline
Concen: 38.518 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

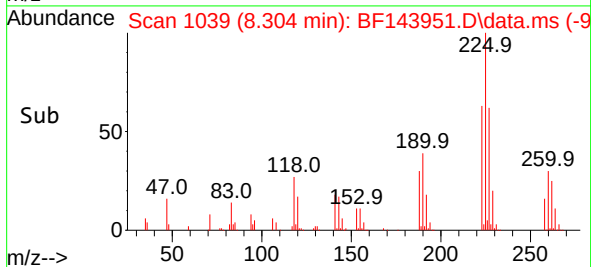
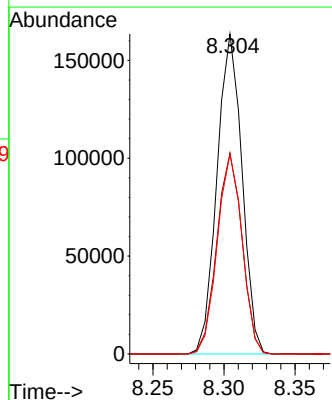
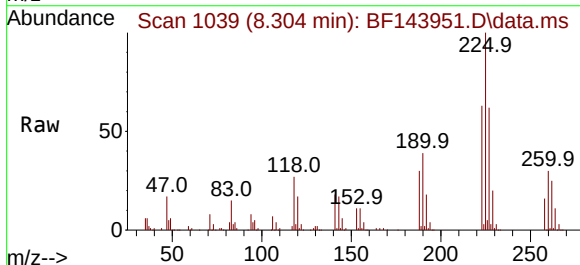
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

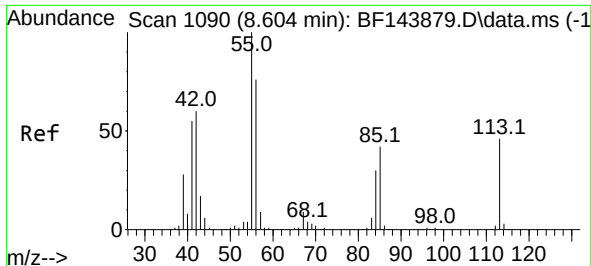
Tgt Ion:127	Resp: 316865
Ion Ratio	Lower Upper
127 100	
129 31.5	25.8 38.8
65 37.5	30.0 45.0
92 23.7	18.2 27.2



#34
Hexachlorobutadiene
Concen: 41.331 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:225	Resp: 199996
Ion Ratio	Lower Upper
225 100	
223 62.7	49.4 74.2
227 62.4	49.7 74.5

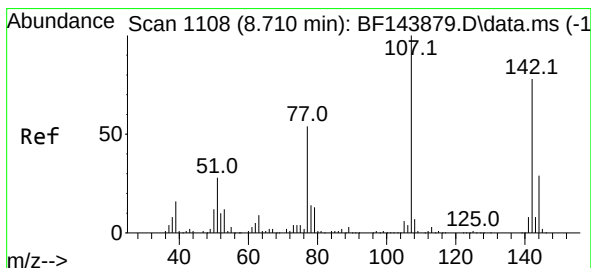
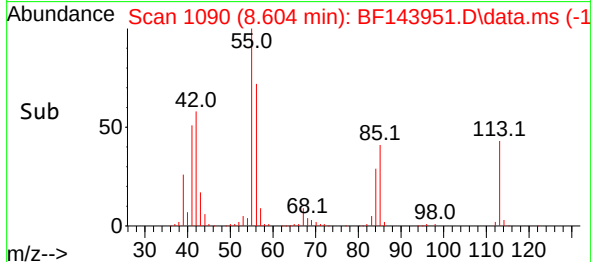
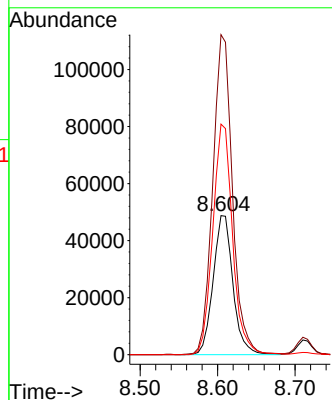
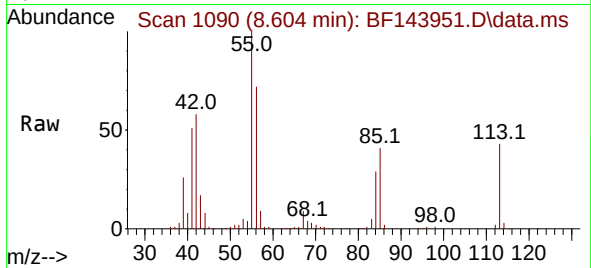




#35
 Caprolactam
 Concen: 38.507 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.041 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

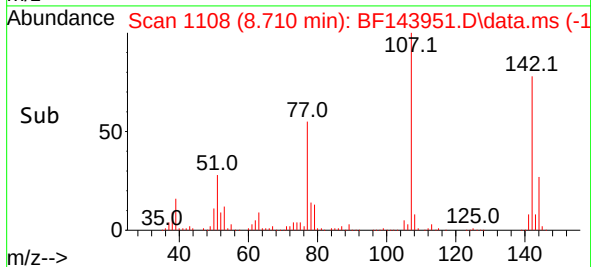
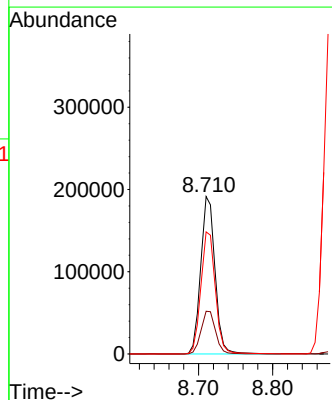
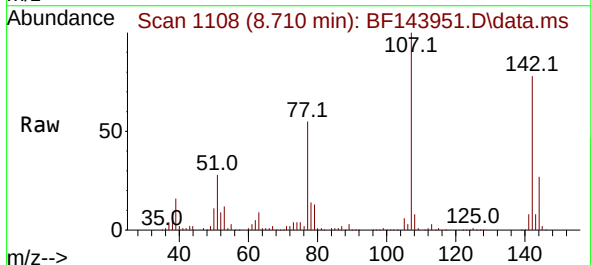
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

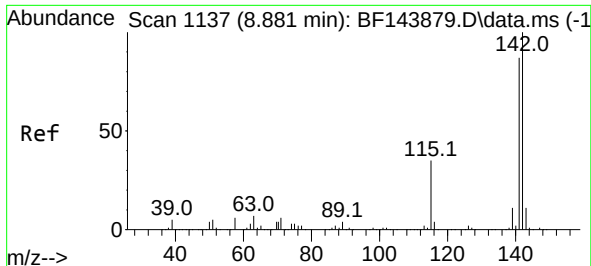
Tgt Ion:113 Resp: 86689
 Ion Ratio Lower Upper
 113 100
 55 230.3 199.6 239.6
 56 166.0 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.984 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

Tgt Ion:107 Resp: 258338
 Ion Ratio Lower Upper
 107 100
 144 27.1 23.1 34.7
 142 77.6 62.6 94.0

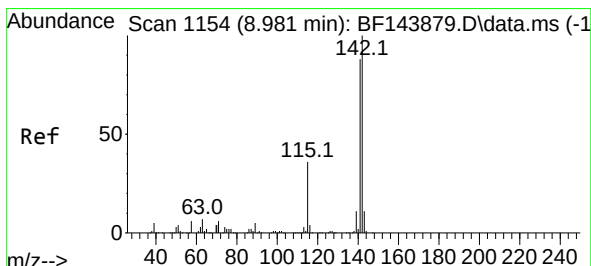
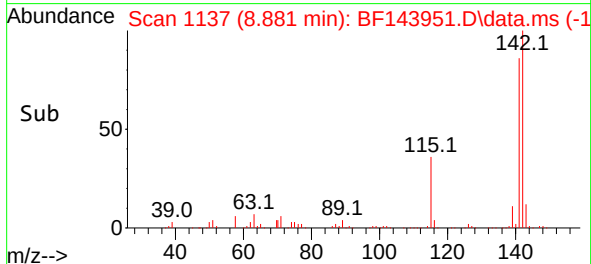
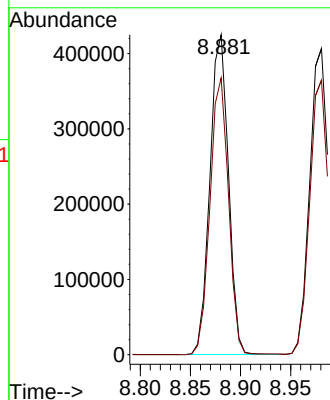
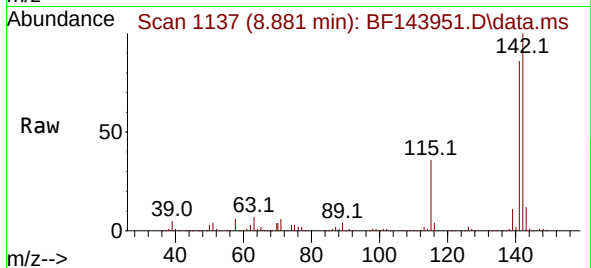




#37
2-Methylnaphthalene
Concen: 37.401 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

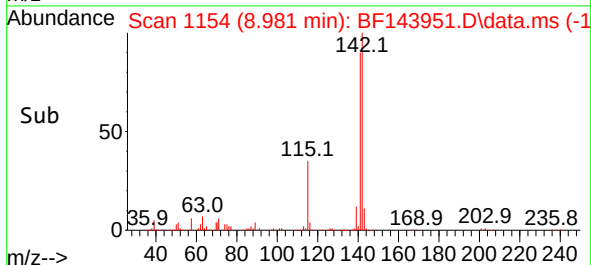
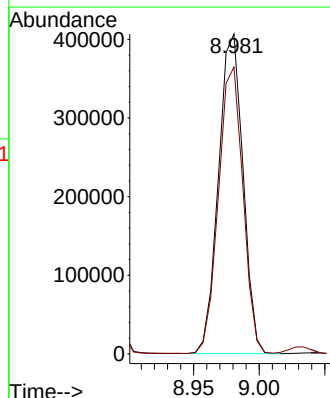
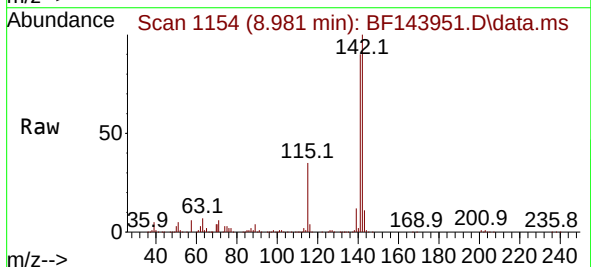
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

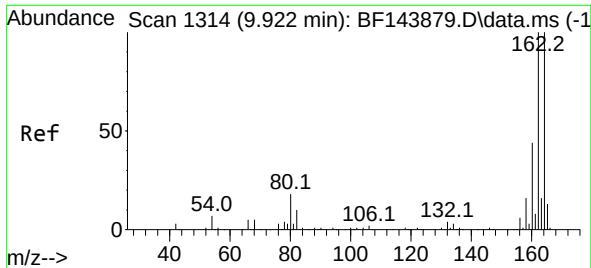
Tgt Ion:142 Resp: 546469
Ion Ratio Lower Upper
142 100
141 86.5 69.2 103.8



#38
1-Methylnaphthalene
Concen: 37.245 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:142 Resp: 527838
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1114

Delta R.T. -0.005 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

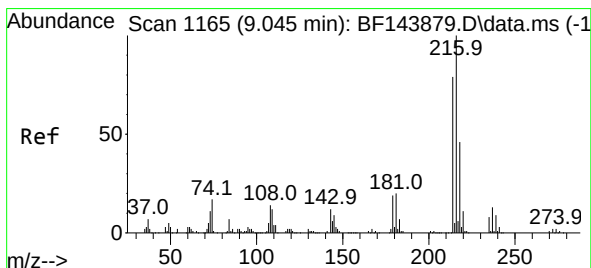
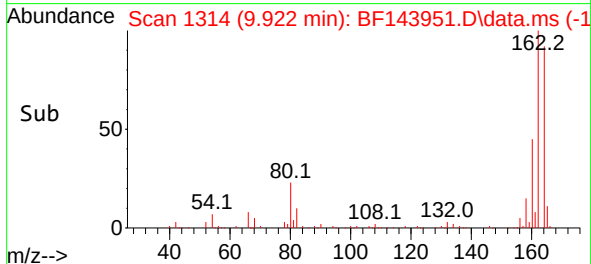
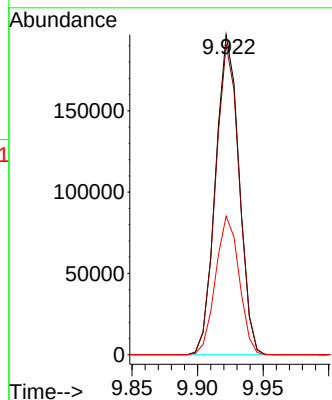
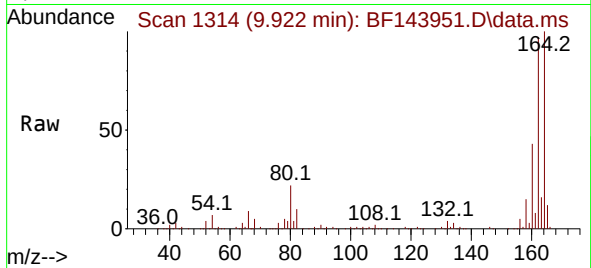
Tgt Ion:164 Resp: 244444

Ion Ratio Lower Upper

164 100

162 96.9 80.2 120.2

160 43.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.414 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Tgt Ion:216 Resp: 286554

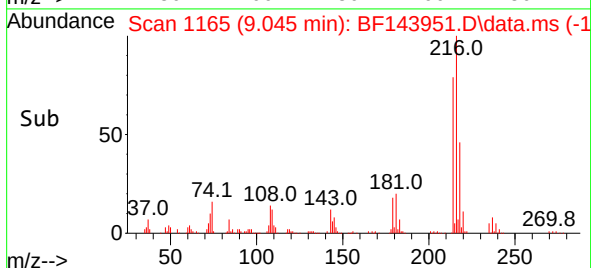
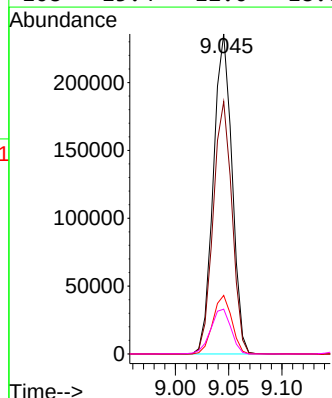
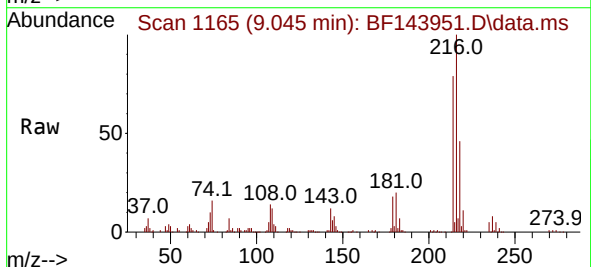
Ion Ratio Lower Upper

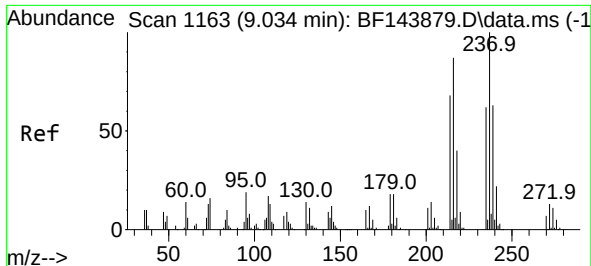
216 100

214 79.3 62.6 94.0

179 18.5 15.4 23.0

108 15.4 12.0 18.0

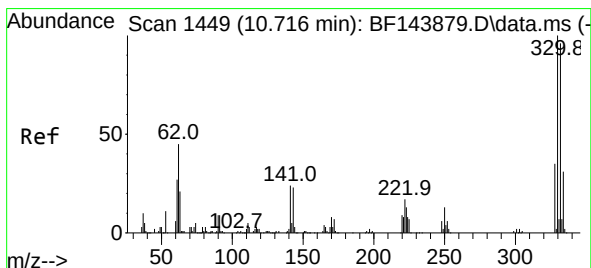
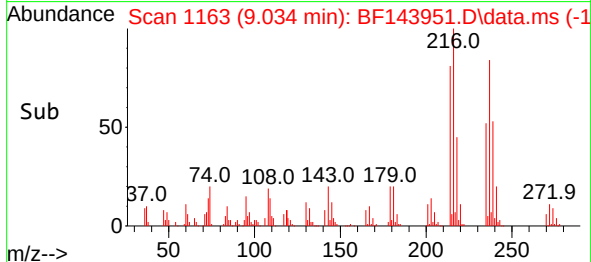
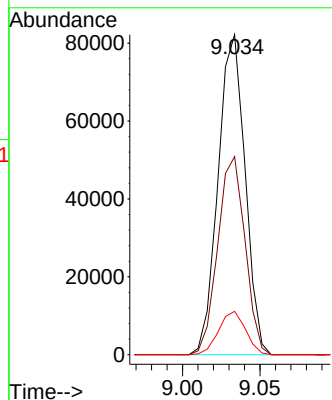
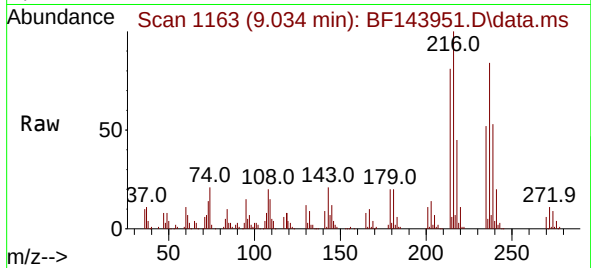




#41
Hexachlorocyclopentadiene
Concen: 35.507 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

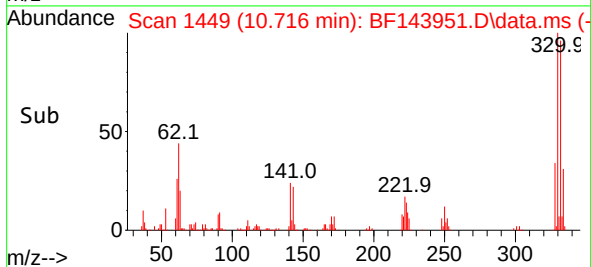
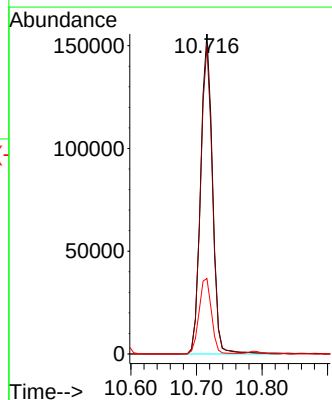
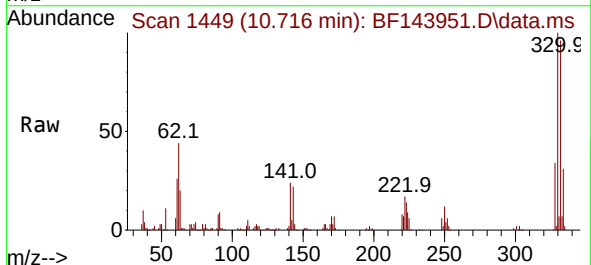
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

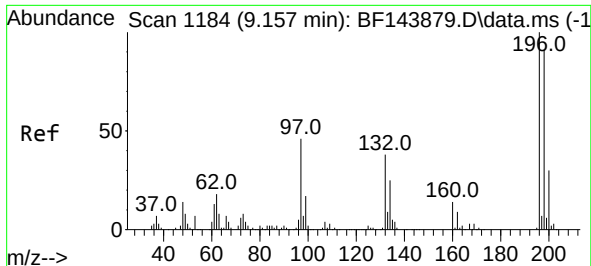
Tgt Ion: 237 Resp: 99519
Ion Ratio Lower Upper
237 100
235 61.9 42.3 82.3
272 13.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 80.535 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 330 Resp: 196080
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 24.8 20.2 30.4

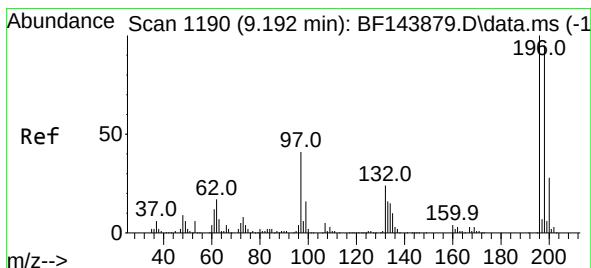
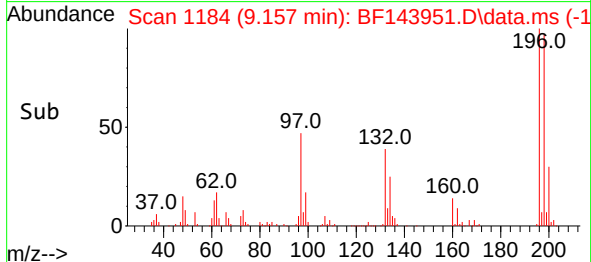
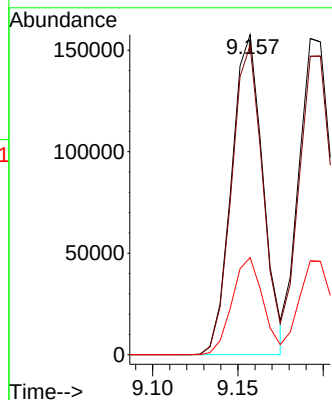
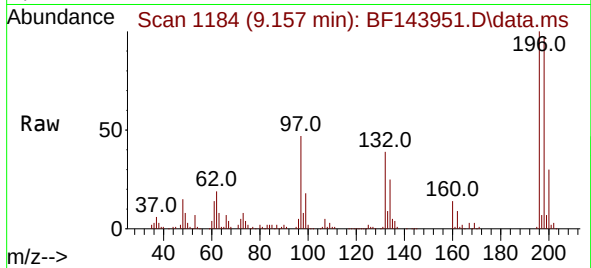




#43
2,4,6-Trichlorophenol
Concen: 41.002 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

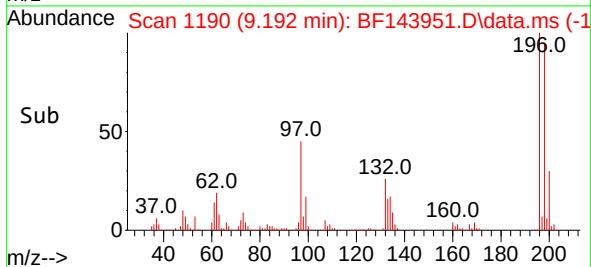
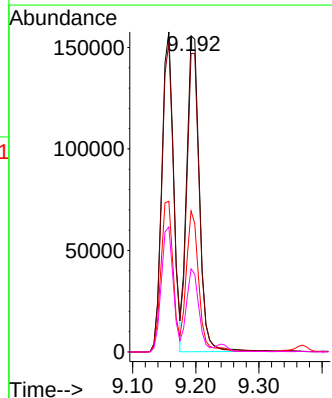
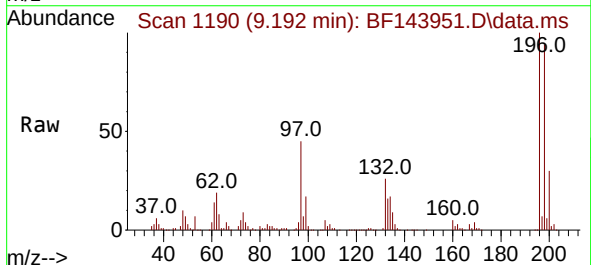
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BNA_F
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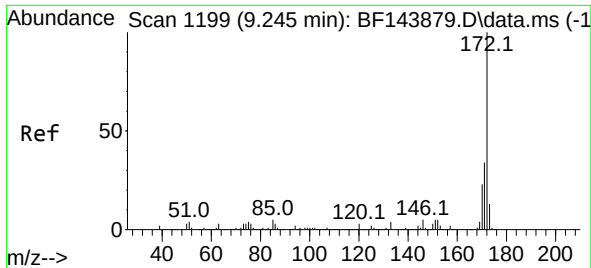
Tgt Ion:196 Resp: 202402
Ion Ratio Lower Upper
196 100
198 96.6 72.8 109.2
200 30.3 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 41.834 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:196 Resp: 218232
Ion Ratio Lower Upper
196 100
198 94.4 75.5 113.3
97 44.6 33.9 50.9
132 26.3 20.0 30.0

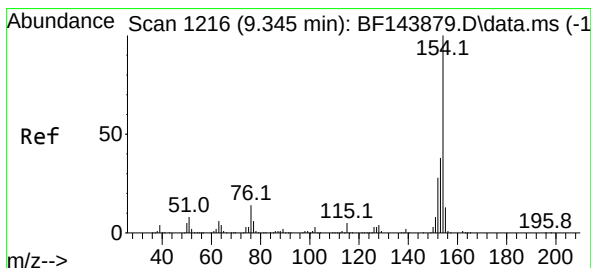
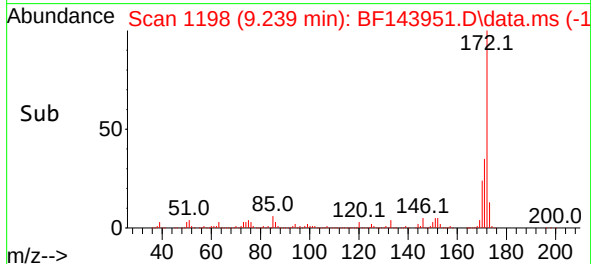
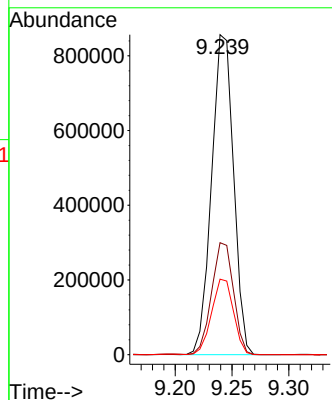
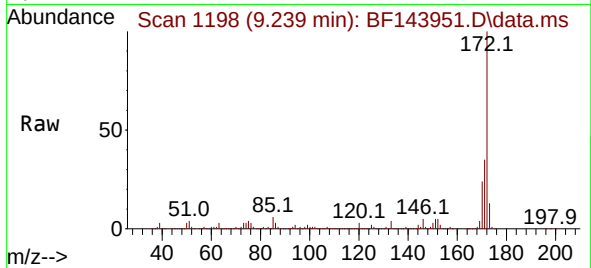




#45
2-Fluorobiphenyl
Concen: 74.799 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

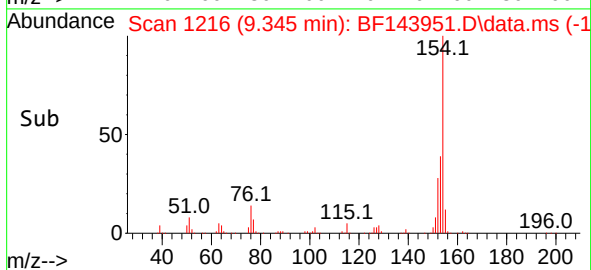
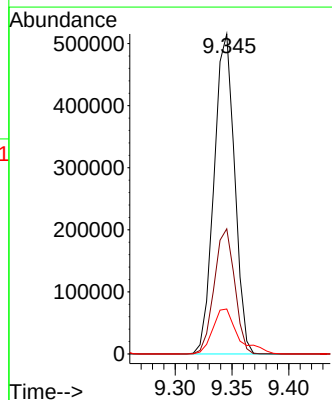
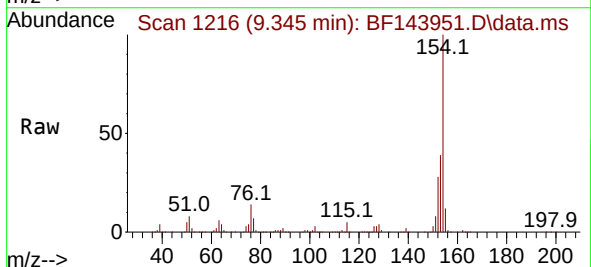
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

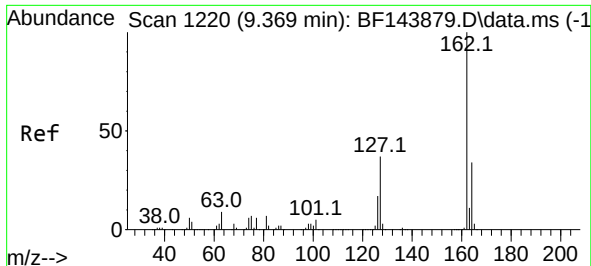
Tgt Ion:172 Resp: 1152310
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.999 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:154 Resp: 647360
Ion Ratio Lower Upper
154 100
153 39.1 18.4 58.4
76 14.0 0.0 34.0

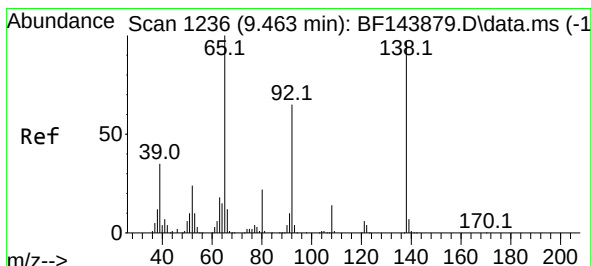
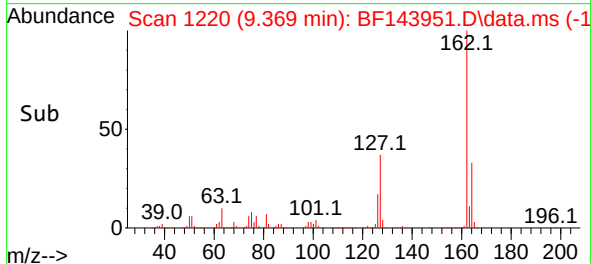
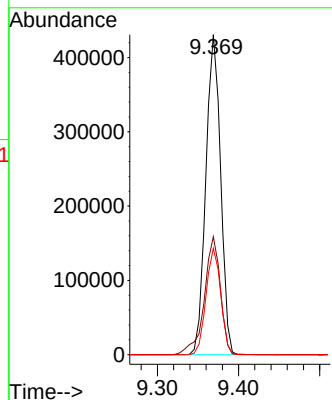
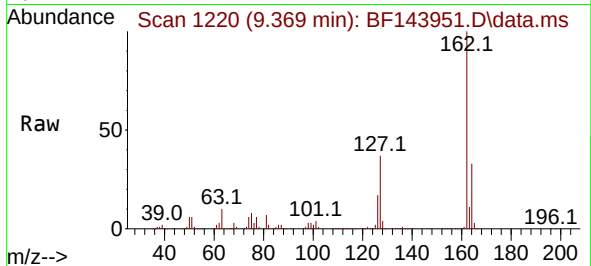




#47
2-Chloronaphthalene
Concen: 40.162 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

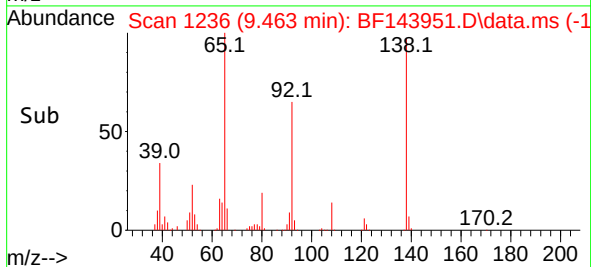
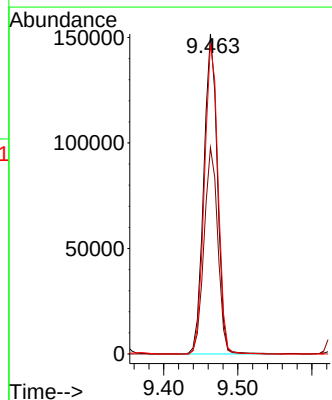
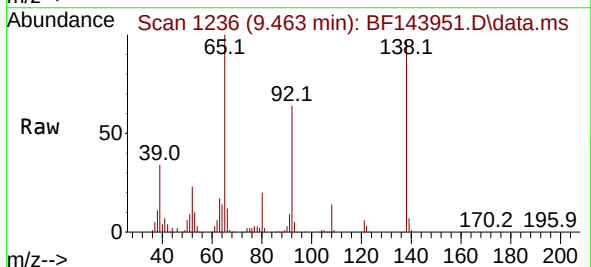
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

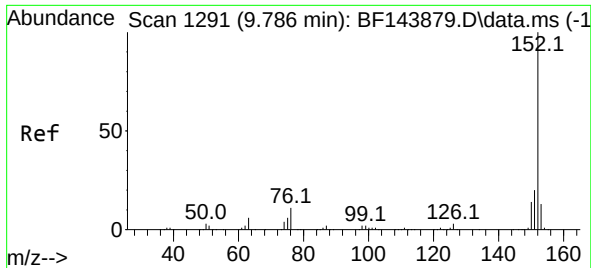
Tgt Ion:162 Resp: 541940
Ion Ratio Lower Upper
162 100
127 36.8 30.2 45.2
164 33.3 26.9 40.3



#48
2-Nitroaniline
Concen: 45.408 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion: 65 Resp: 193716
Ion Ratio Lower Upper
65 100
92 64.5 52.1 78.1
138 97.1 77.4 116.2

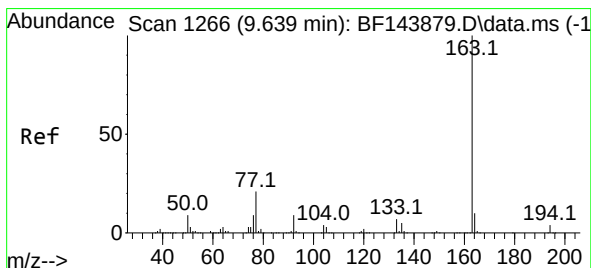
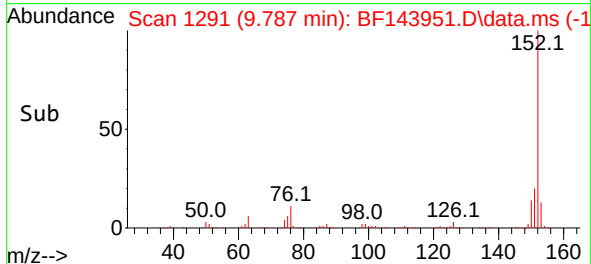
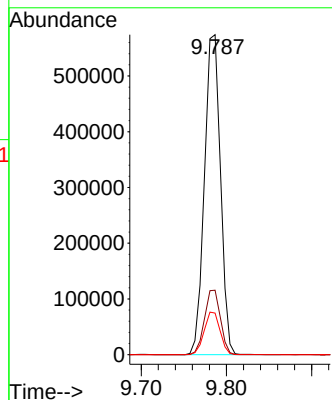
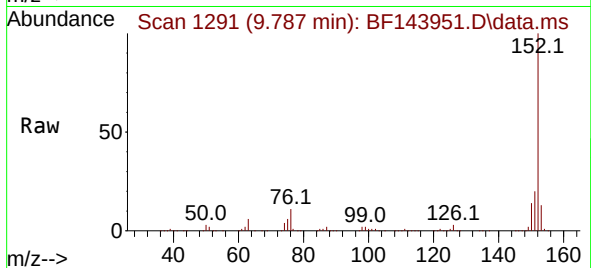




#49
Acenaphthylene
Concen: 39.652 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

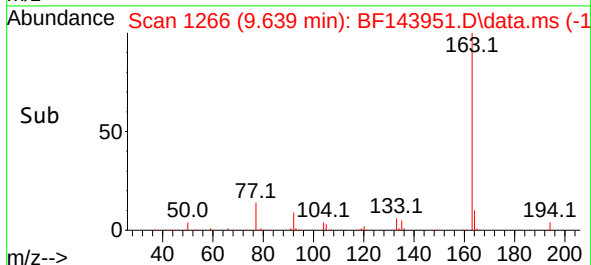
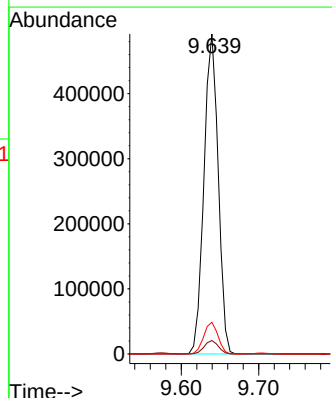
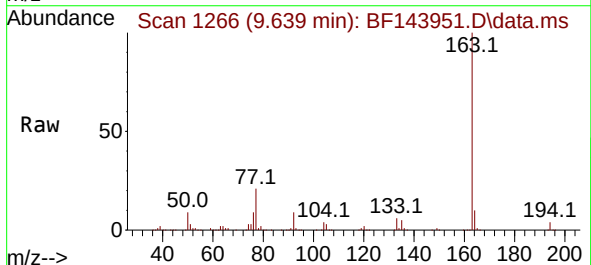
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

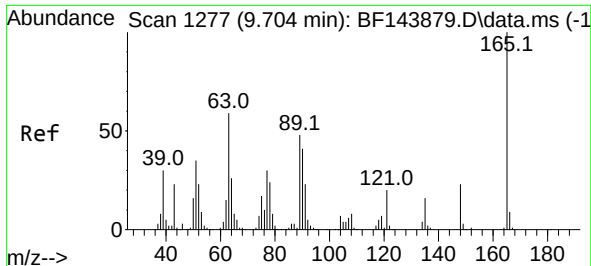
Tgt Ion:152 Resp: 752209
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 40.408 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:163 Resp: 627266
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.1 12.1

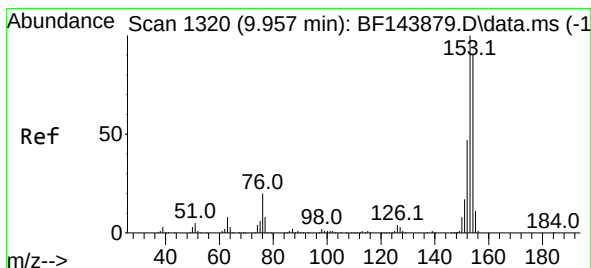
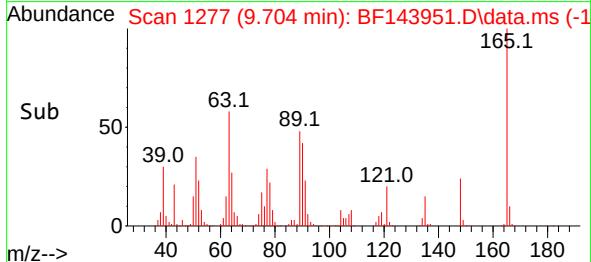
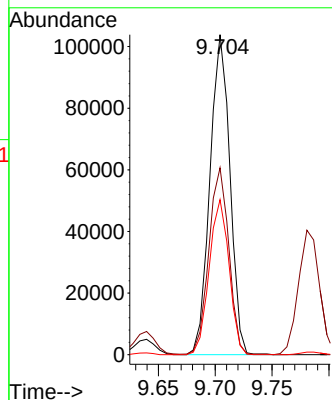
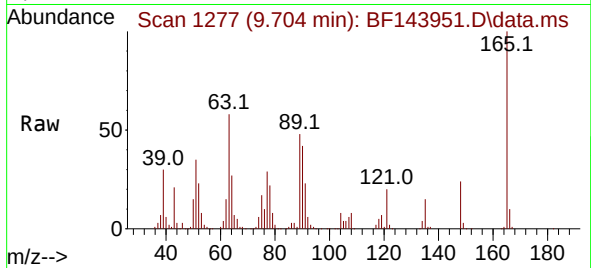




#51
2,6-Dinitrotoluene
Concen: 44.119 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

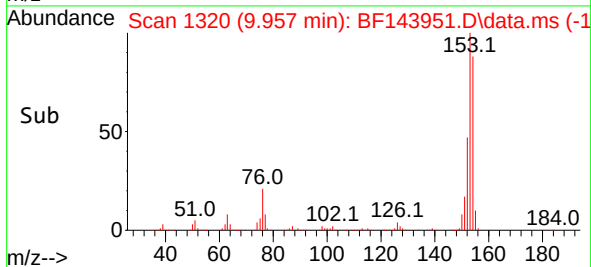
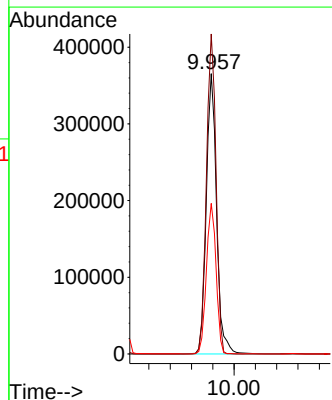
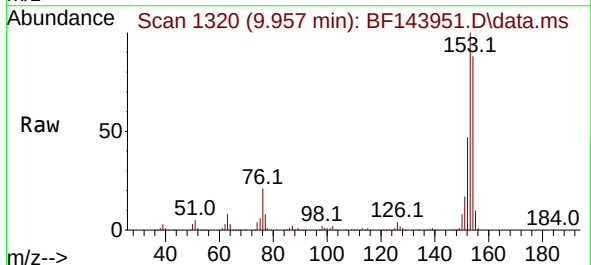
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

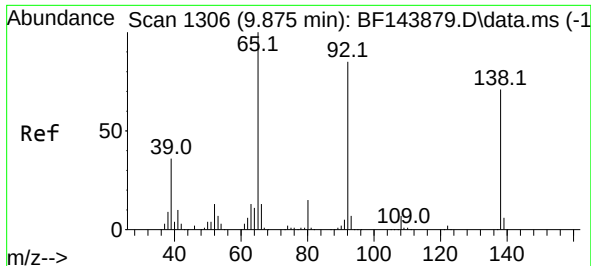
Tgt Ion:165 Resp: 126997
Ion Ratio Lower Upper
165 100
63 58.4 47.3 70.9
89 48.5 38.2 57.4



#52
Acenaphthene
Concen: 39.243 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:154 Resp: 487810
Ion Ratio Lower Upper
154 100
153 114.1 89.3 133.9
152 53.7 42.2 63.2

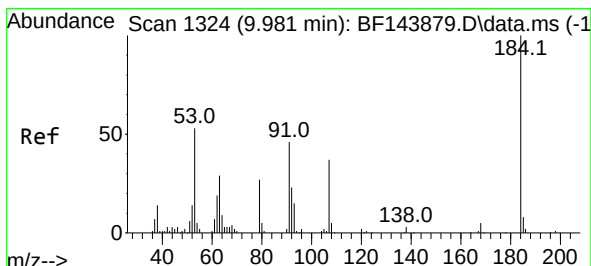
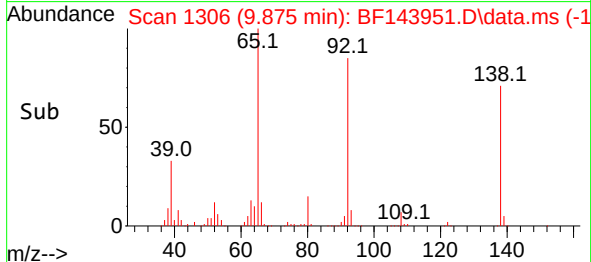
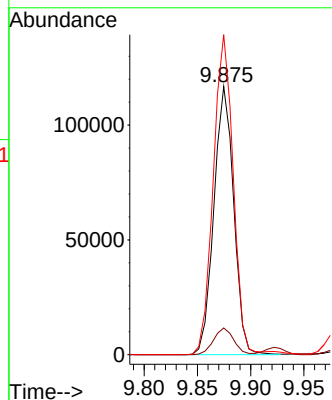
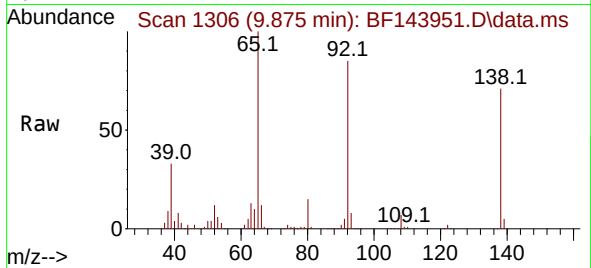




#53
3-Nitroaniline
Concen: 42.933 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

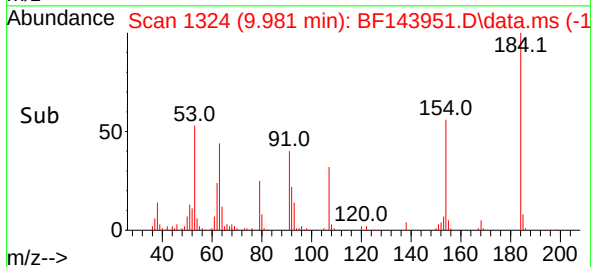
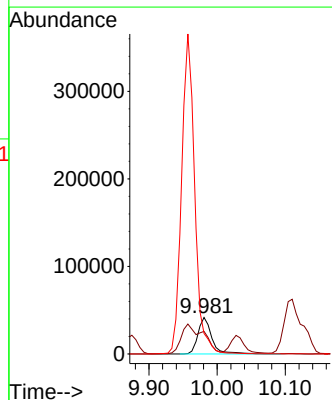
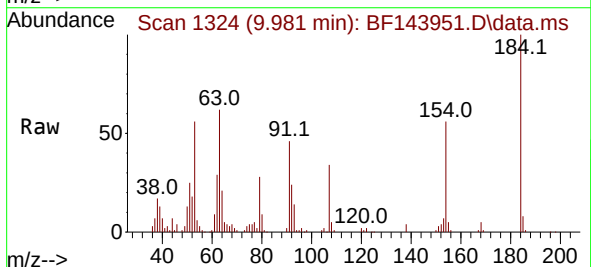
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

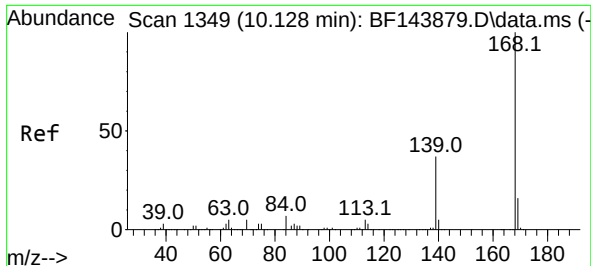
Tgt Ion:138 Resp: 151320
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 119.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 37.292 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:184 Resp: 59009
Ion Ratio Lower Upper
184 100
63 61.7 48.2 72.4
154 56.0 49.2 73.8

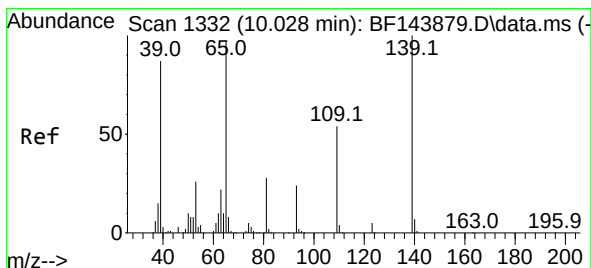
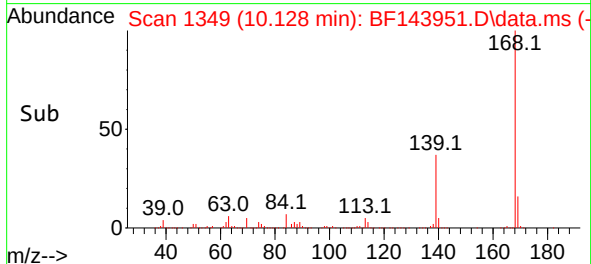
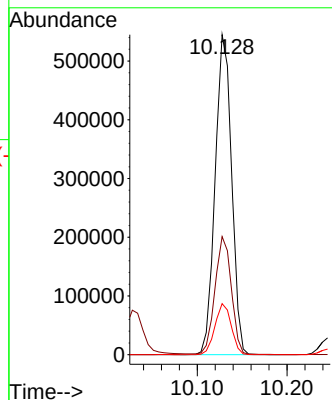
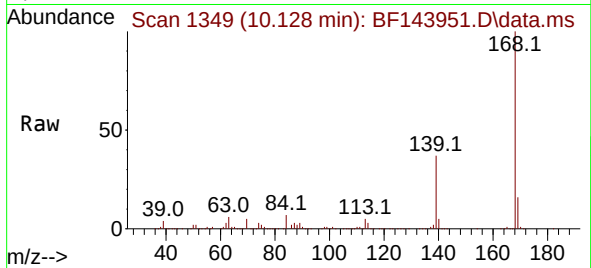




#55
Dibenzofuran
Concen: 39.523 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

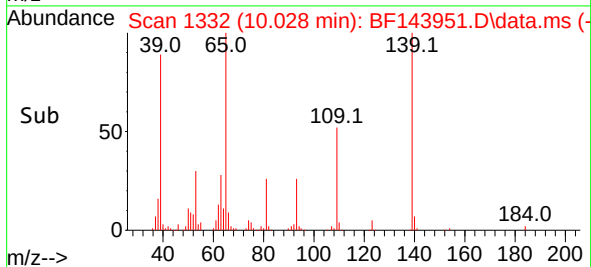
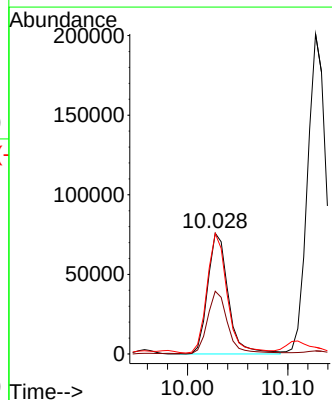
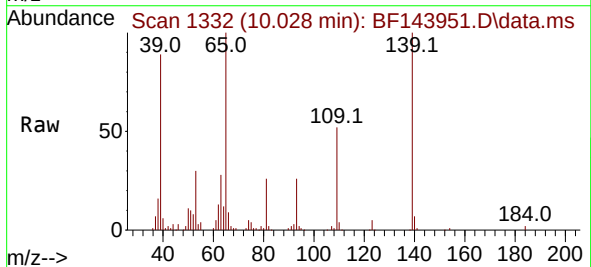
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

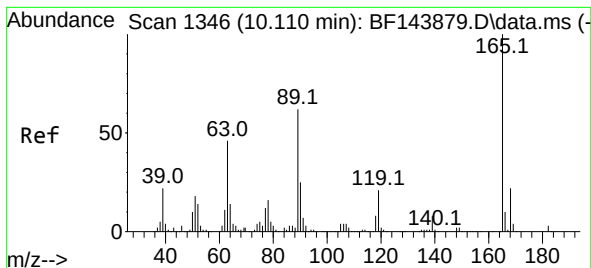
Tgt Ion:168 Resp: 693521
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 15.9 12.8 19.2



#56
4-Nitrophenol
Concen: 40.489 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:139 Resp: 108053
Ion Ratio Lower Upper
139 100
109 51.9 34.5 74.5
65 99.8 77.6 117.6

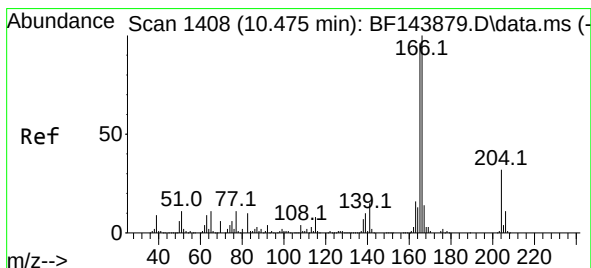
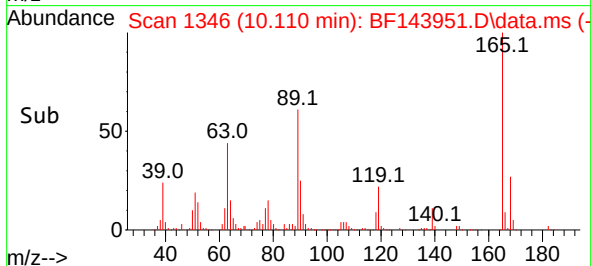
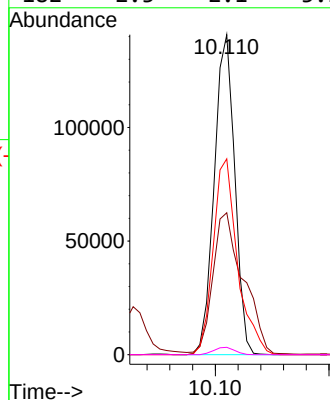
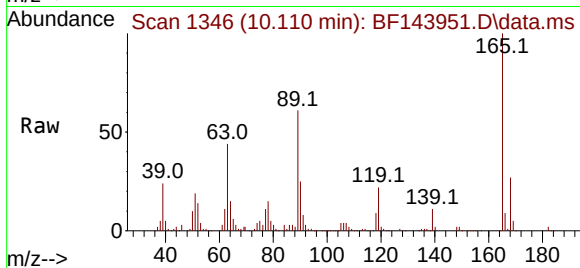




#57
2,4-Dinitrotoluene
Concen: 45.069 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

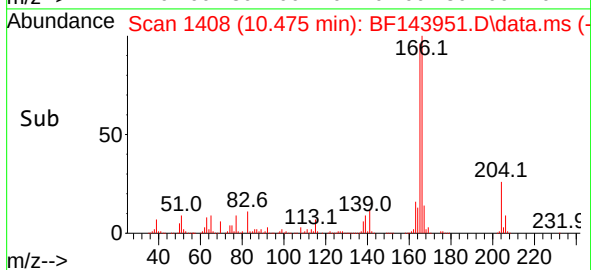
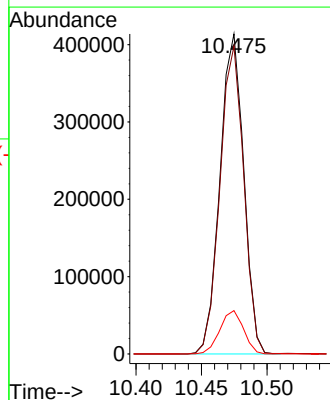
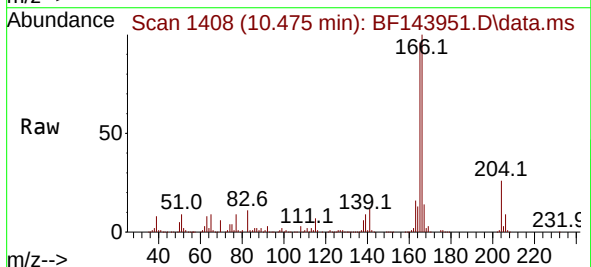
Instrument :
BNA_F
ClientSampleId :
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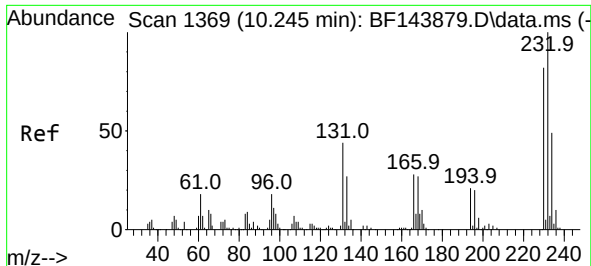
Tgt Ion:165 Resp: 176514
Ion Ratio Lower Upper
165 100
63 44.3 37.2 55.8
89 61.2 49.4 74.2
182 2.3 2.1 3.1



#58
Fluorene
Concen: 39.373 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:166 Resp: 521316
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.6
167 13.5 11.1 16.7

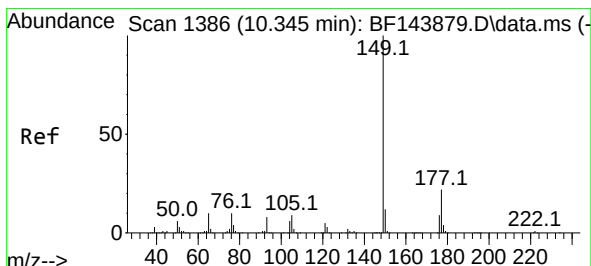
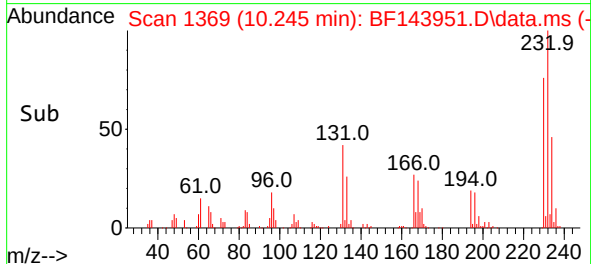
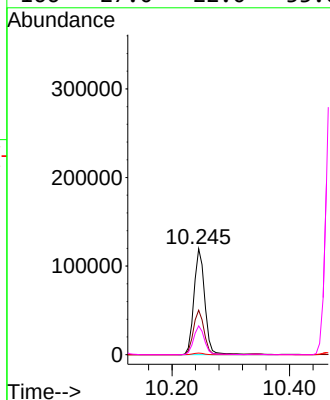
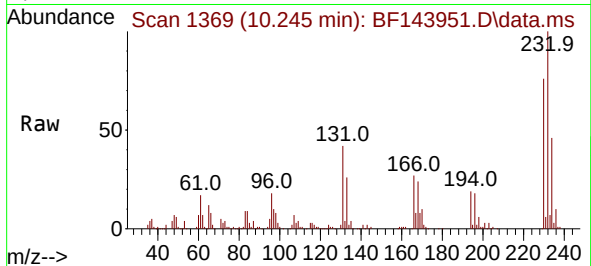




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.839 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

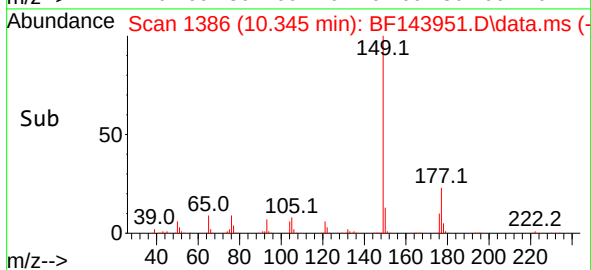
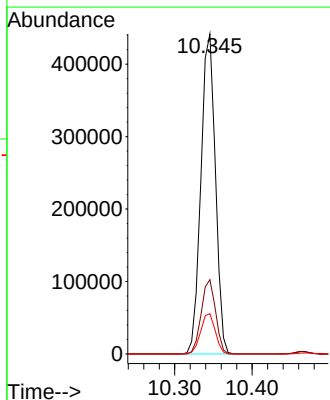
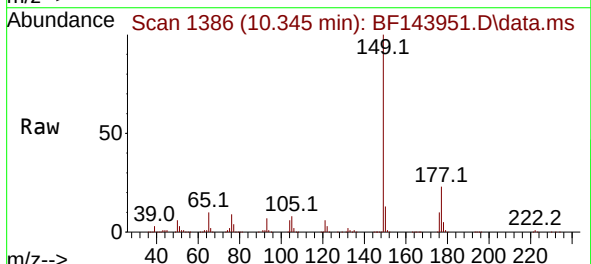
Instrument :
BNA_F
ClientSampleId :
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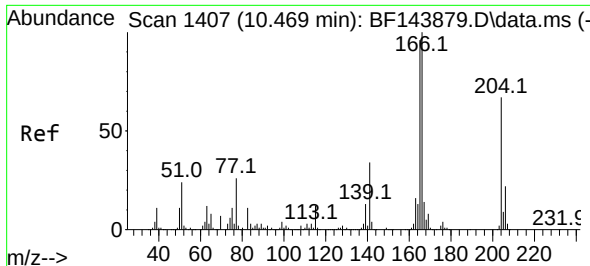
Tgt Ion:232 Resp: 154500
Ion Ratio Lower Upper
232 100
131 41.9 34.9 52.3
130 1.5 1.6 2.4#
166 27.0 22.0 33.0



#60
Diethylphthalate
Concen: 39.801 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:149 Resp: 573978
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.6 9.8 14.8

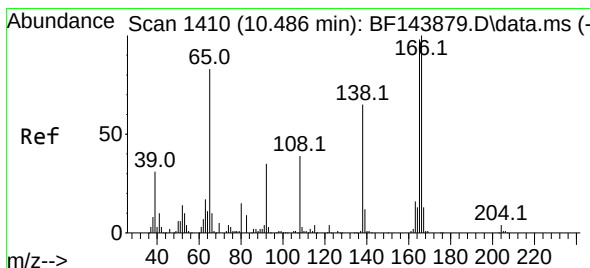
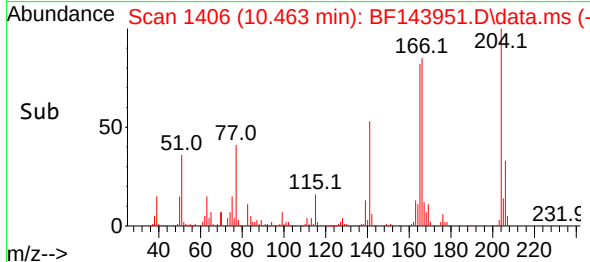
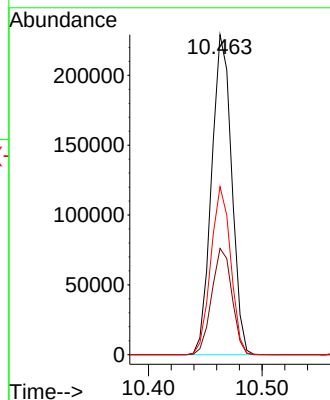
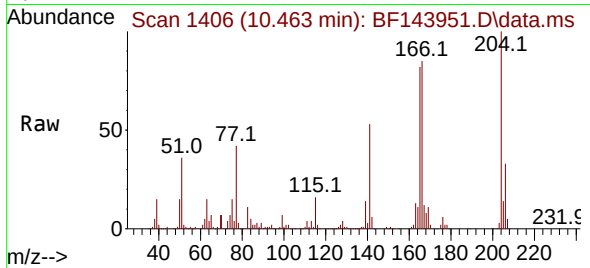




#61
4-Chlorophenyl-phenylether
Concen: 40.238 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

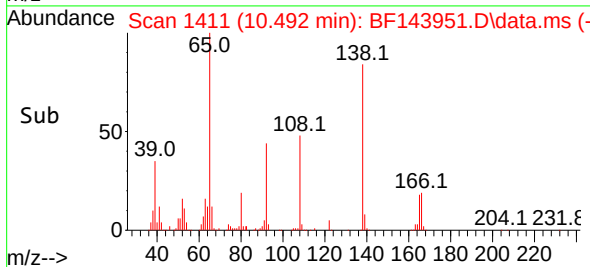
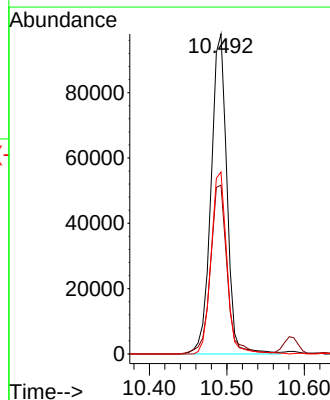
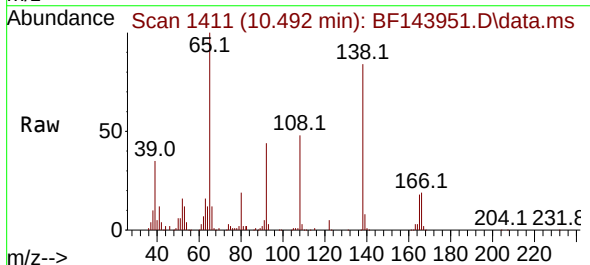
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

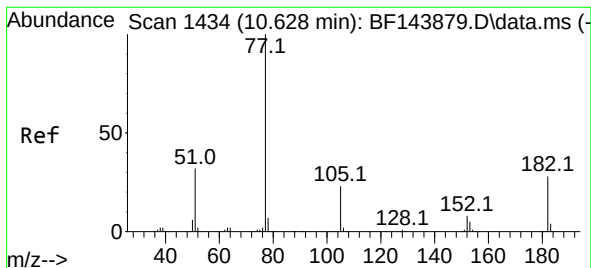
Tgt Ion:204 Resp: 281670
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 52.5 40.4 60.6



#62
4-Nitroaniline
Concen: 41.158 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:138 Resp: 139496
Ion Ratio Lower Upper
138 100
92 52.7 33.9 73.9
108 56.9 40.2 80.2





#63

Azobenzene

Concen: 40.639 ng

RT: 10.628 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 612519

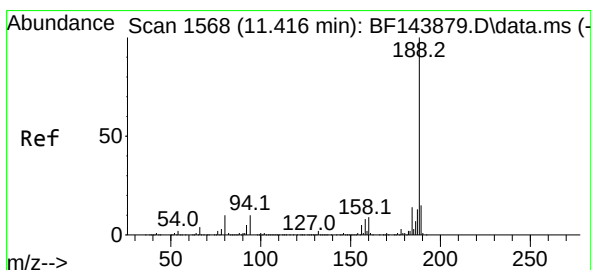
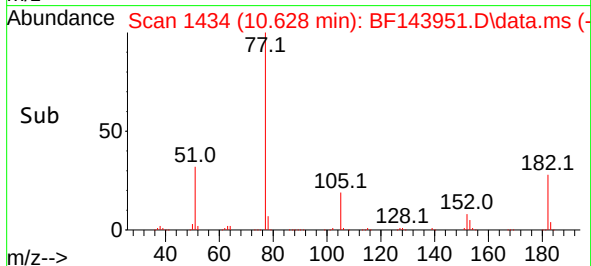
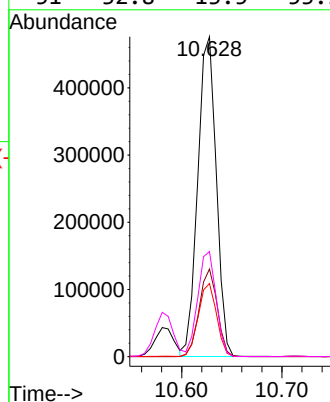
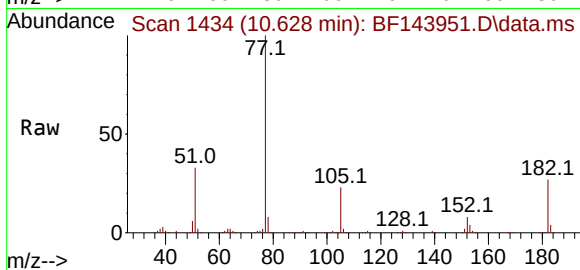
Ion Ratio Lower Upper

77 100

182 27.4 7.3 47.3

105 22.9 3.0 43.0

51 32.8 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

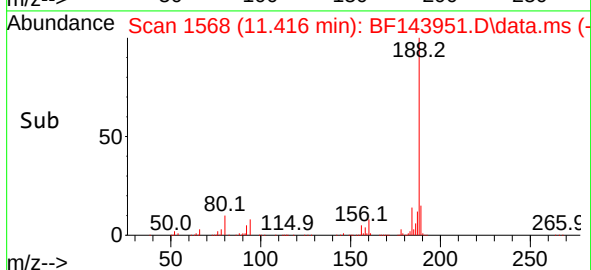
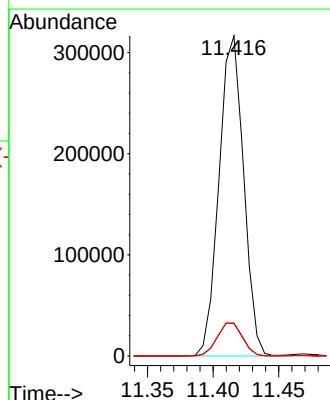
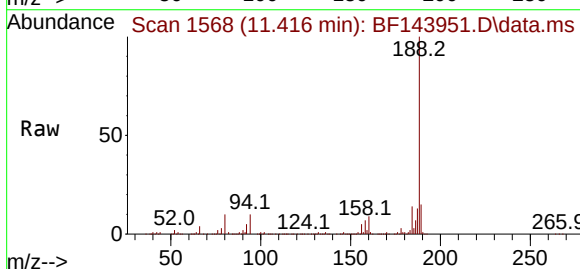
Tgt Ion:188 Resp: 412442

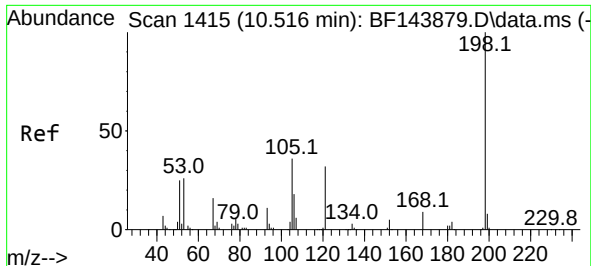
Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 10.3 7.9 11.9

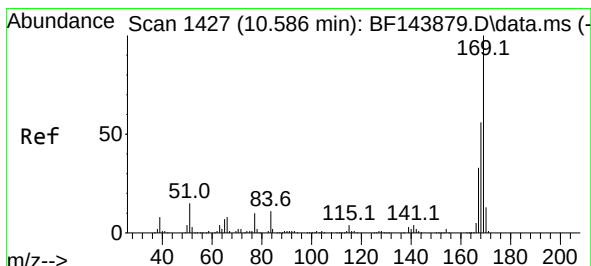
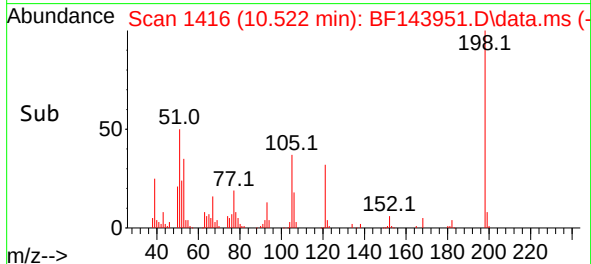
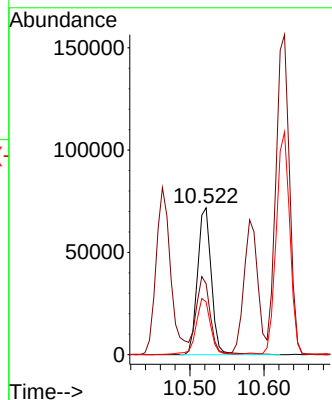
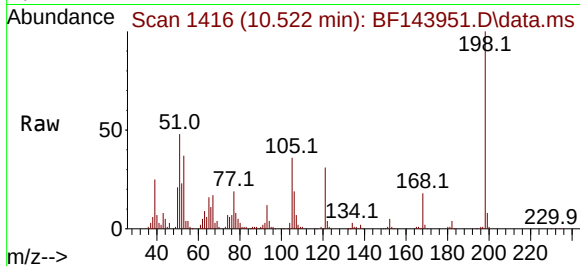




#65
4,6-Dinitro-2-methylphenol
Concen: 44.919 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

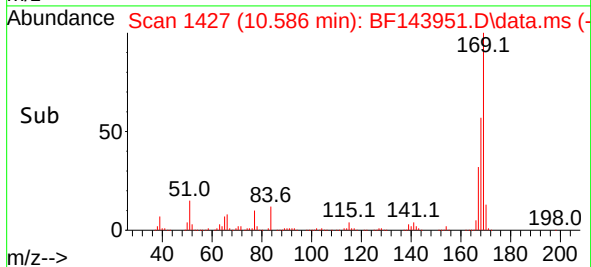
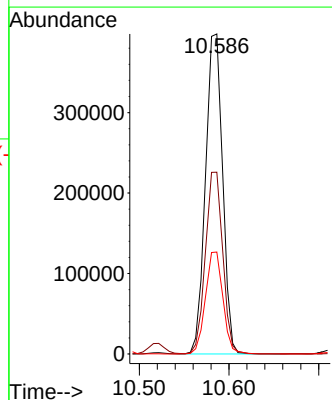
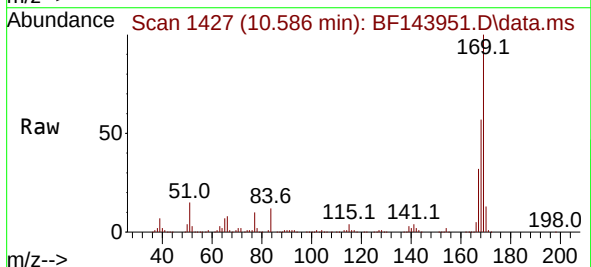
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

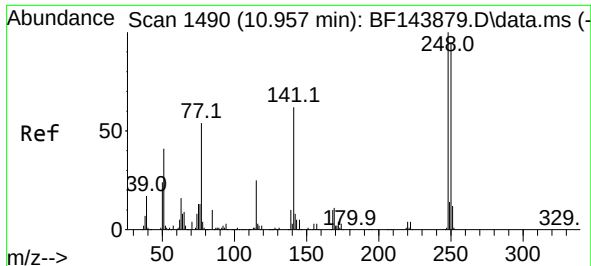
Tgt Ion:198 Resp: 93100
Ion Ratio Lower Upper
198 100
51 48.3 33.8 73.8
105 36.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.701 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:169 Resp: 527087
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 31.9 26.3 39.5

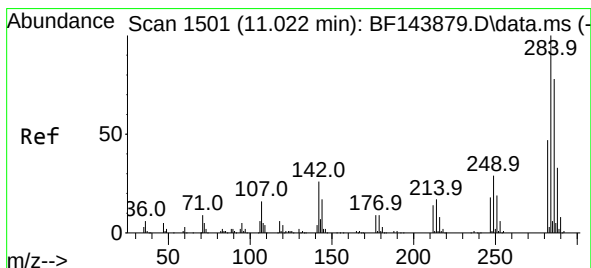
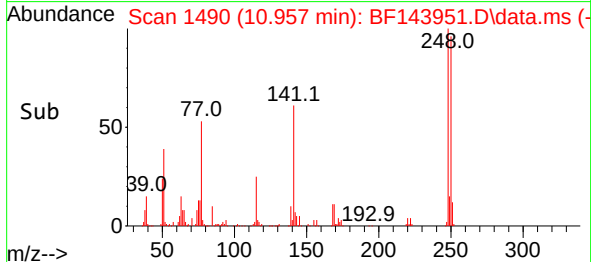
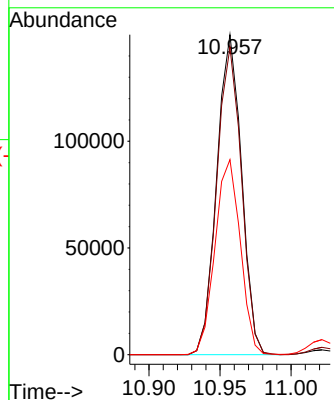
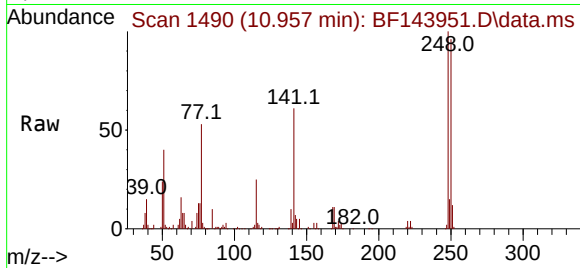




#67
4-Bromophenyl-phenylether
Concen: 39.886 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

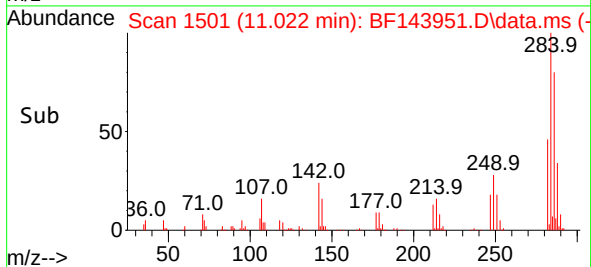
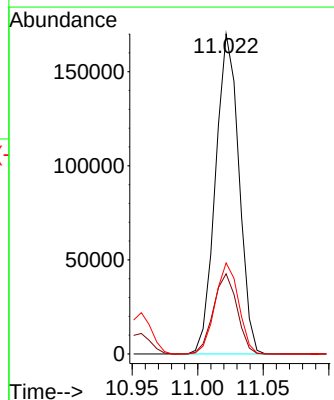
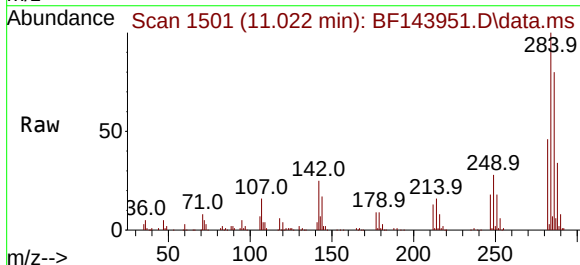
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

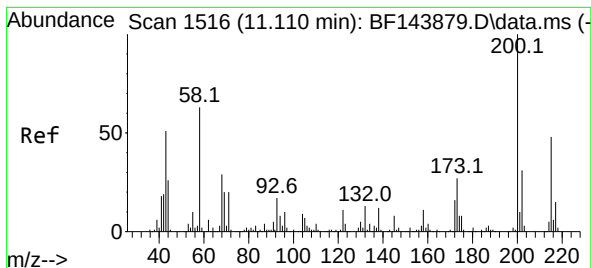
Tgt Ion:248 Resp: 181806
Ion Ratio Lower Upper
248 100
250 96.1 76.3 114.5
141 60.9 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.018 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:284 Resp: 211176
Ion Ratio Lower Upper
284 100
142 25.1 20.6 30.8
249 28.5 23.2 34.8





#69

Atrazine

Concen: 39.383 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

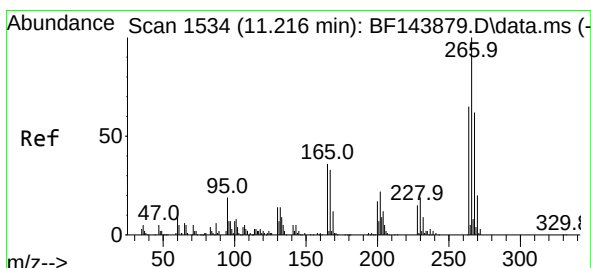
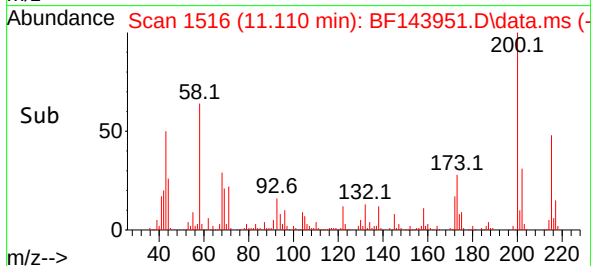
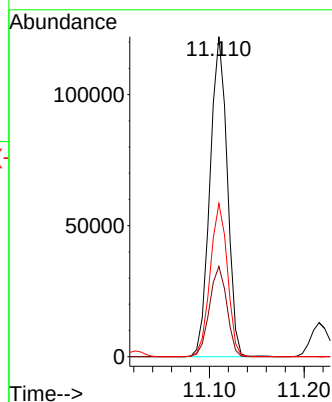
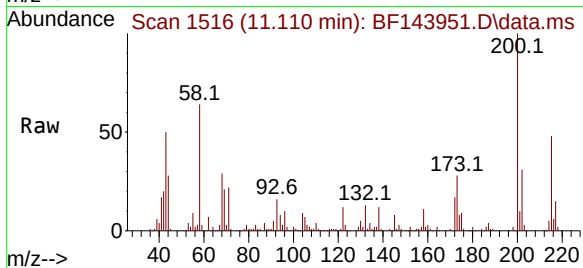
Tgt Ion:200 Resp: 154583

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

215 47.8 27.8 67.8



#70

Pentachlorophenol

Concen: 37.105 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

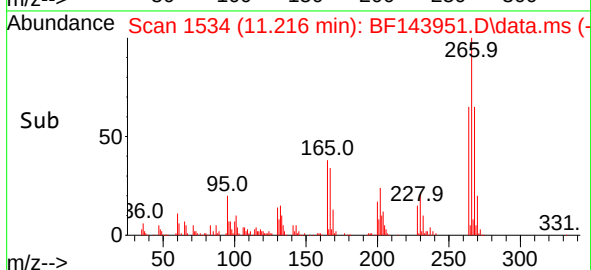
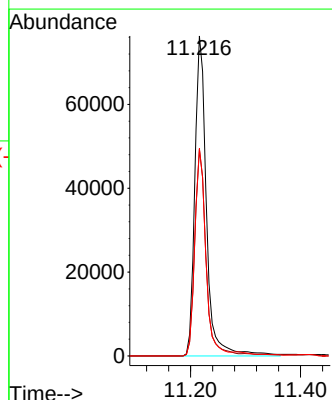
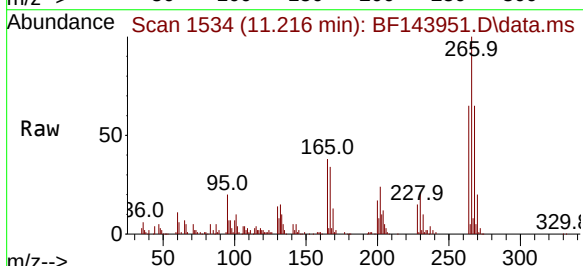
Tgt Ion:266 Resp: 112456

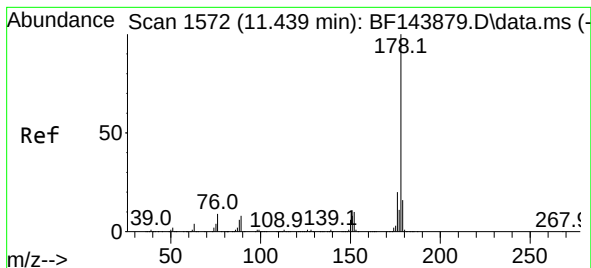
Ion Ratio Lower Upper

266 100

268 64.6 49.4 74.0

264 64.9 51.8 77.6





#71

Phenanthrene

Concen: 39.920 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

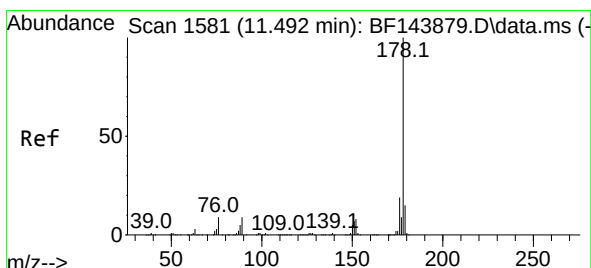
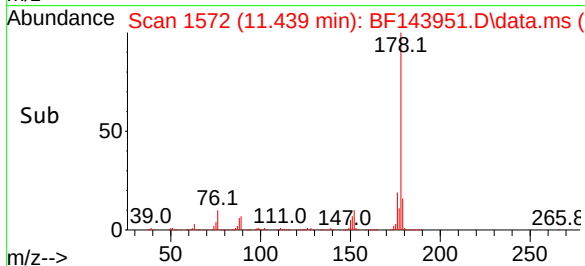
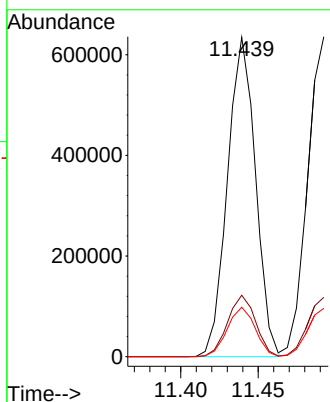
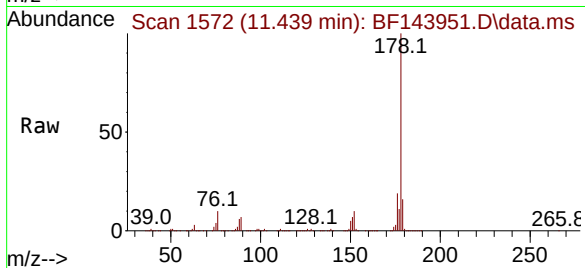
Tgt Ion:178 Resp: 798219

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 40.206 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

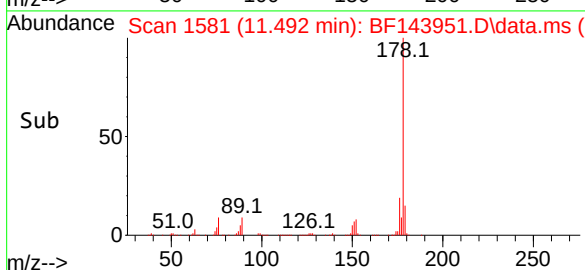
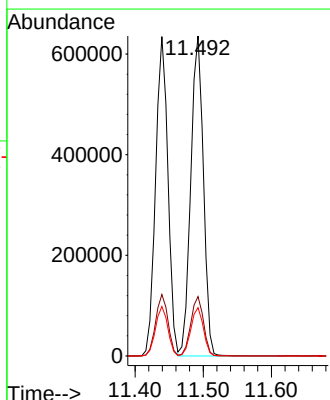
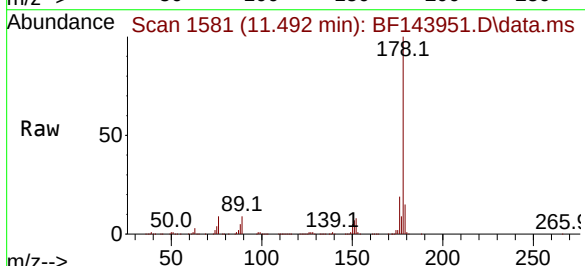
Tgt Ion:178 Resp: 812167

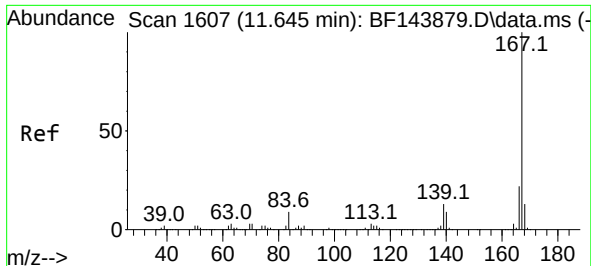
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.1 12.2 18.2

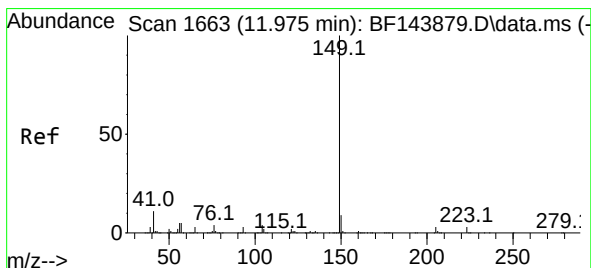
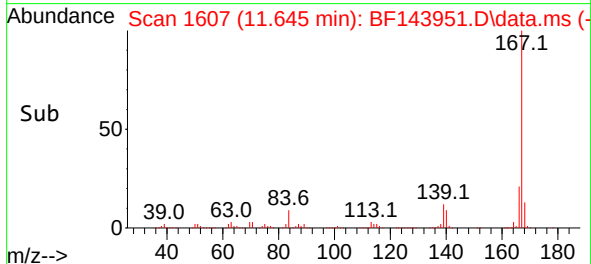
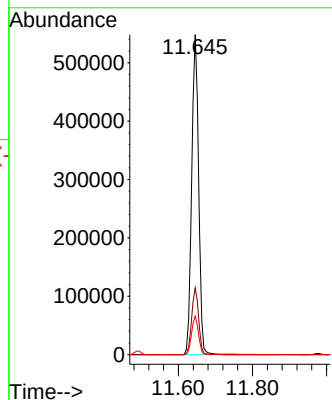
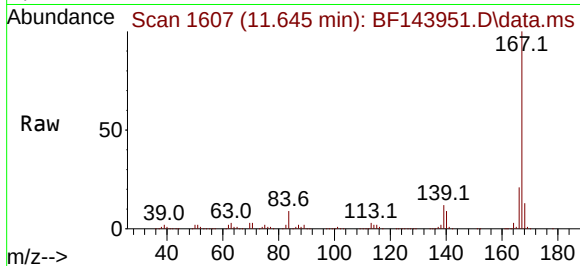




#73
 Carbazole
 Concen: 39.626 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

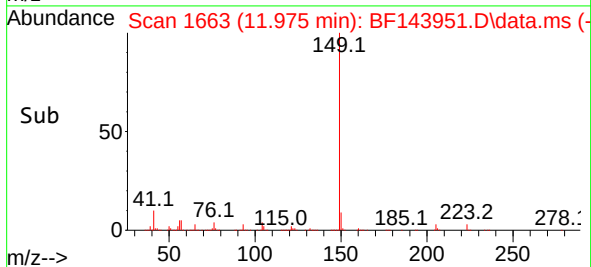
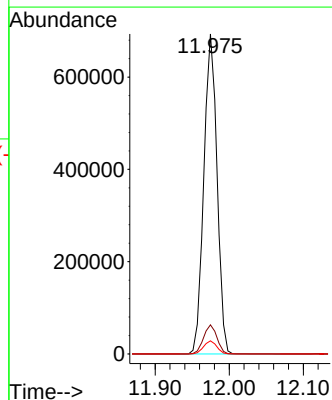
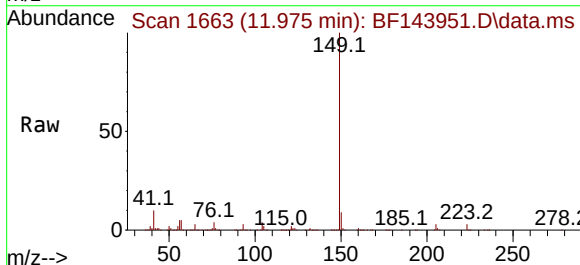
Instrument :
 BNA_F
 ClientSampleId :
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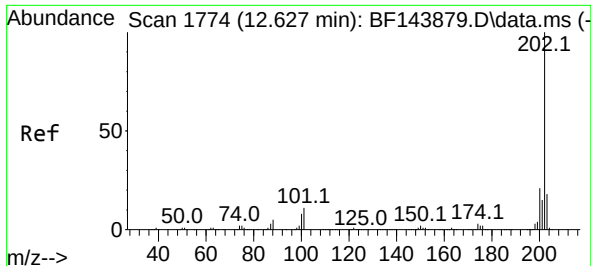
Tgt Ion:167 Resp: 708926
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.408 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

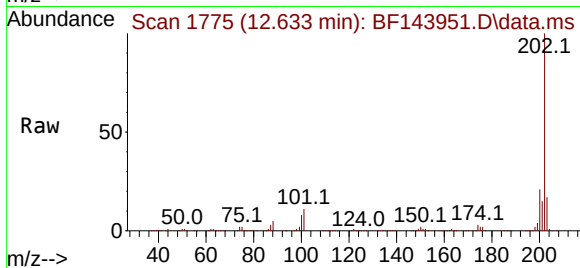
Tgt Ion:149 Resp: 858583
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.1 3.4 5.2



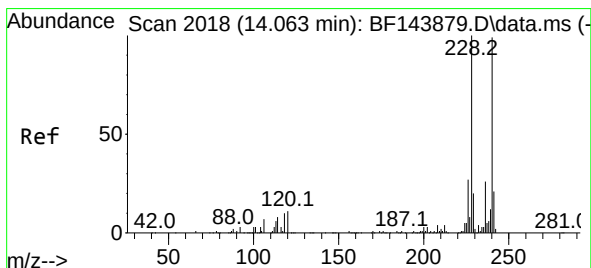
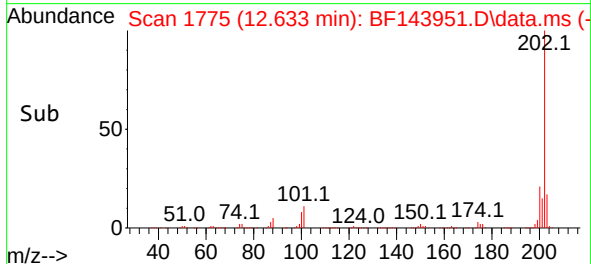
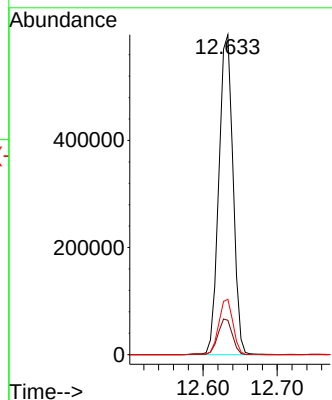


#75
Fluoranthene
Concen: 38.422 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

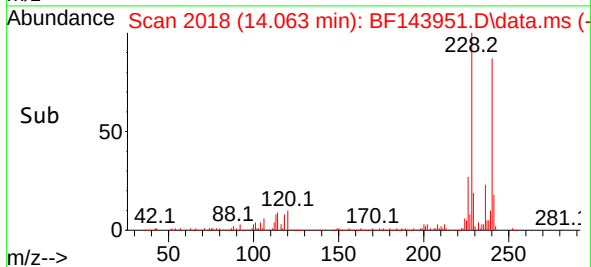
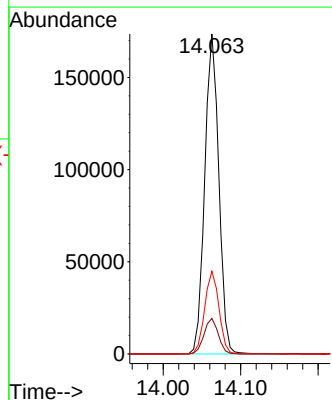
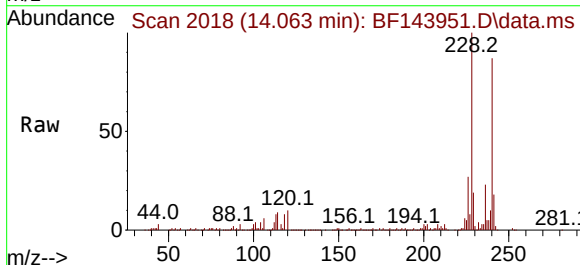


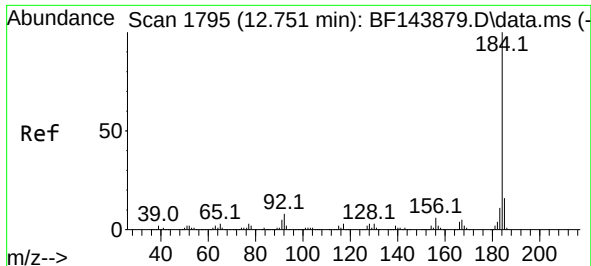
Tgt Ion:202 Resp: 793565
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:240 Resp: 218845
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 25.9 21.1 31.7

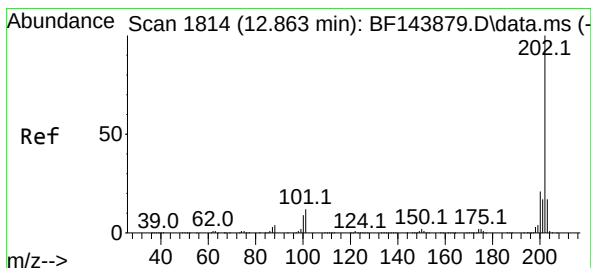
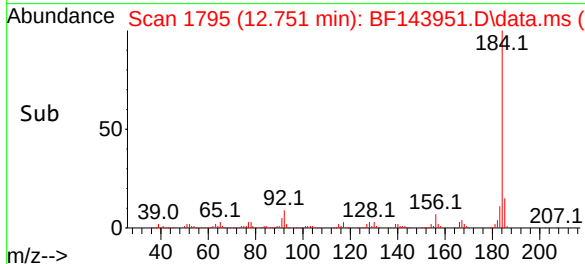
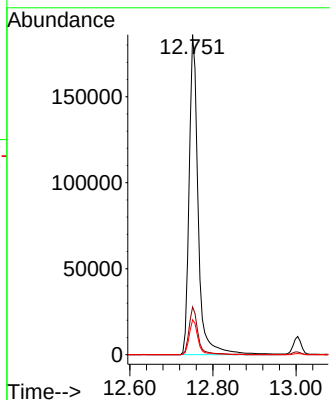
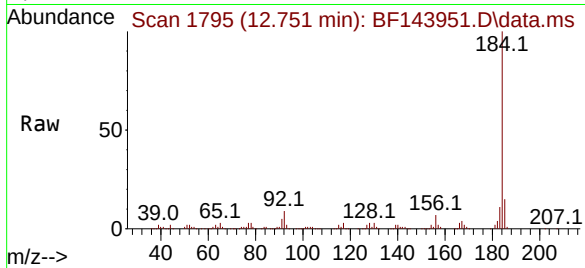




#77
Benzidine
Concen: 36.806 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

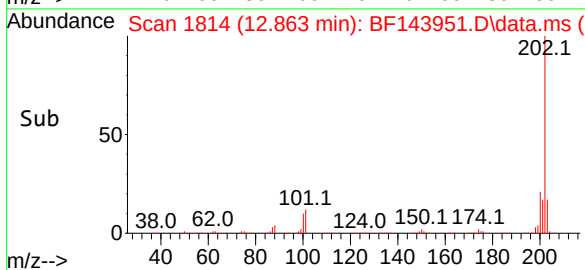
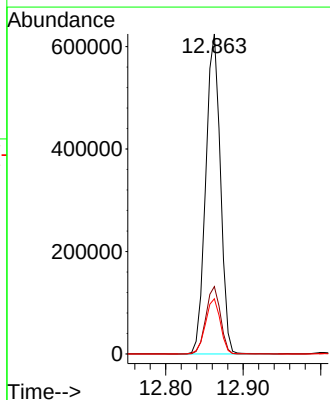
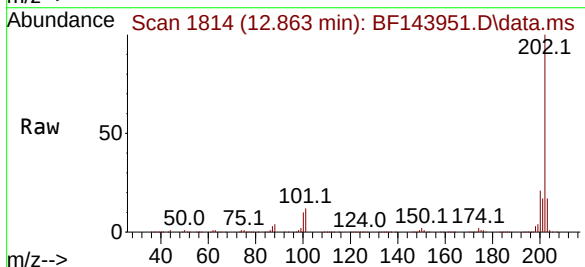
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

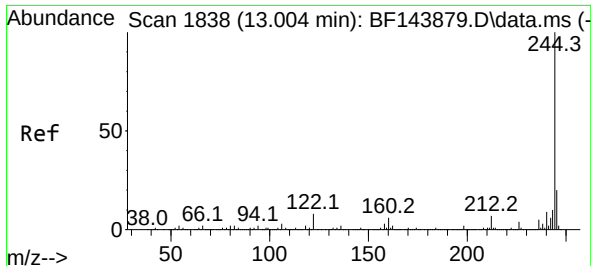
Tgt Ion:184 Resp: 279680
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 10.9 8.8 13.2



#78
Pyrene
Concen: 44.889 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:202 Resp: 818988
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.2 13.8 20.6

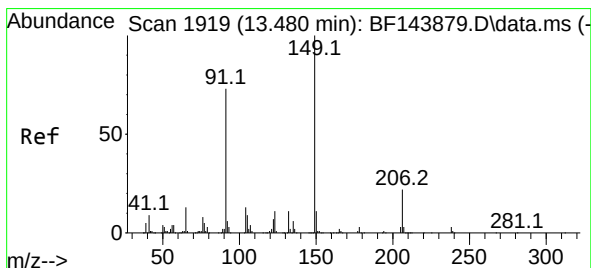
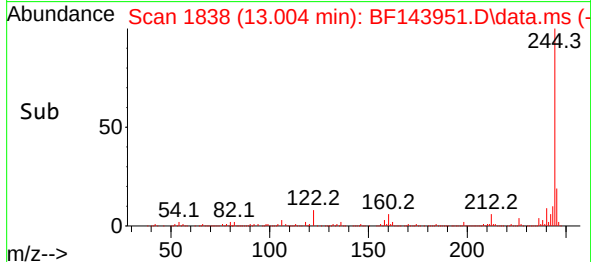
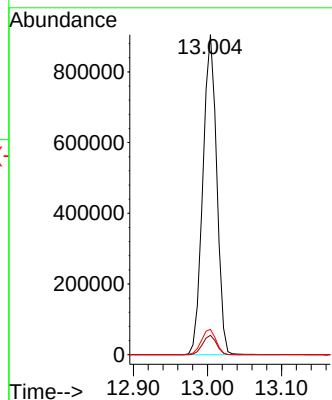
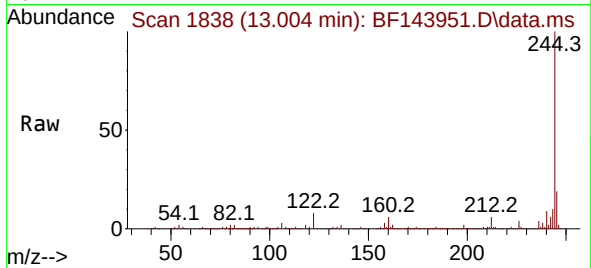




#79
 Terphenyl-d14
 Concen: 91.836 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

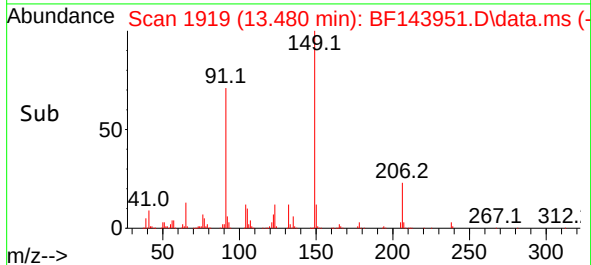
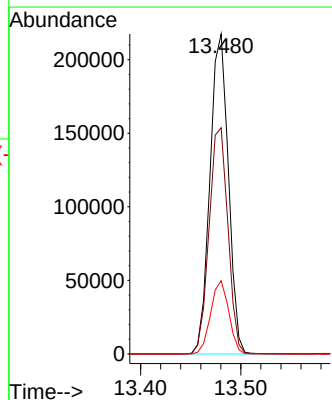
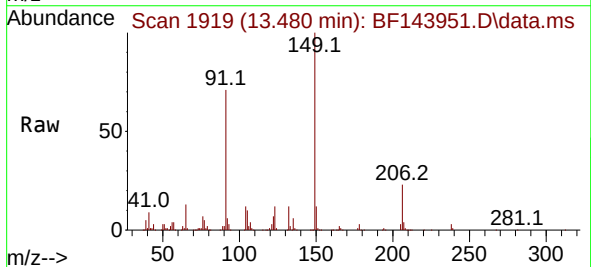
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

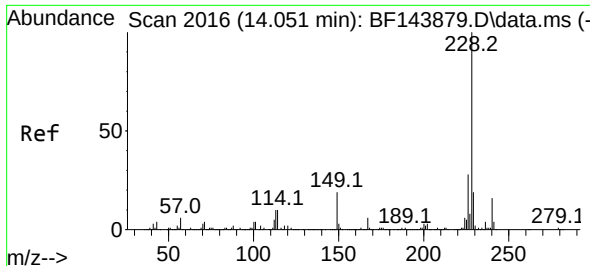
Tgt Ion:244 Resp: 1175950
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 7.9 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 46.748 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

Tgt Ion:149 Resp: 276998
 Ion Ratio Lower Upper
 149 100
 91 70.7 58.2 87.2
 206 22.9 17.9 26.9

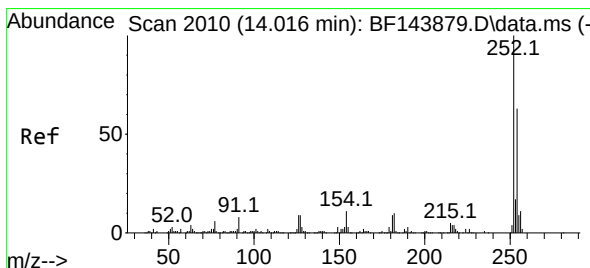
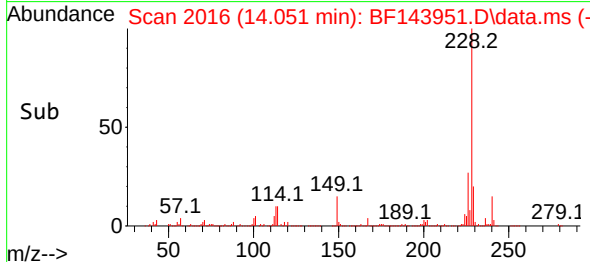
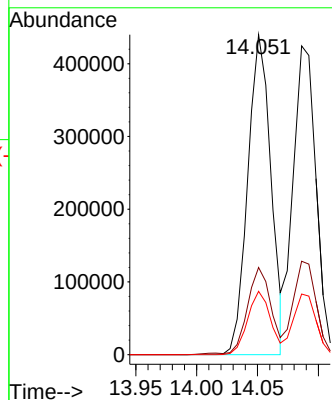
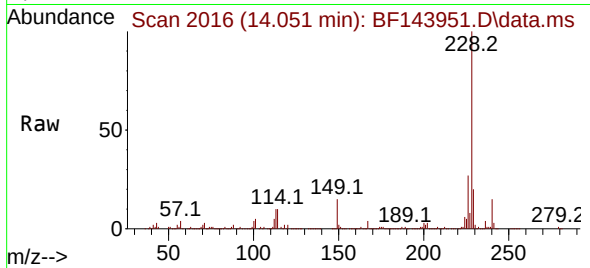




#81
Benzo(a)anthracene
Concen: 40.730 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

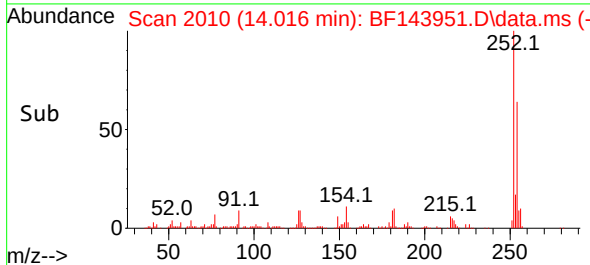
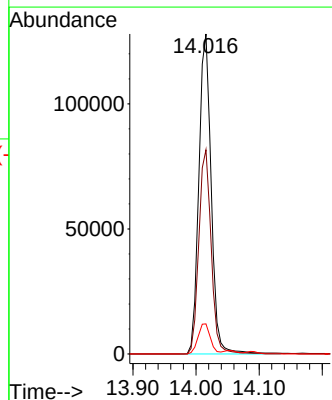
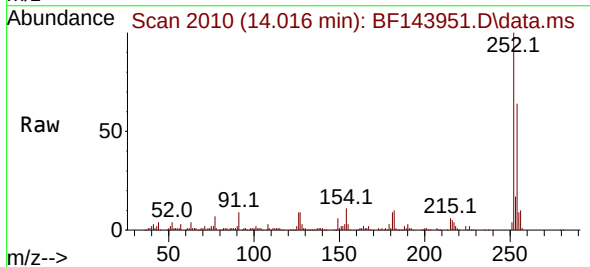
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

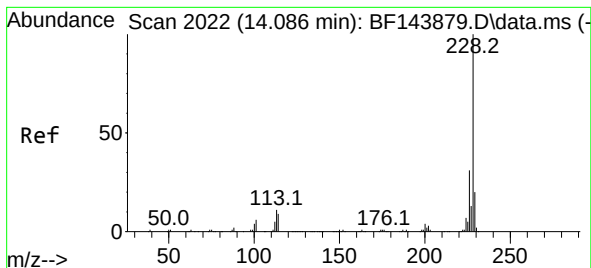
Tgt Ion:228 Resp: 583301
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.805 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

Tgt Ion:252 Resp: 173726
Ion Ratio Lower Upper
252 100
254 63.8 50.6 76.0
126 9.4 7.0 10.6





#83

Chrysene

Concen: 41.929 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

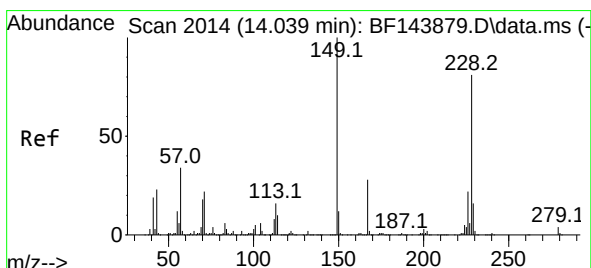
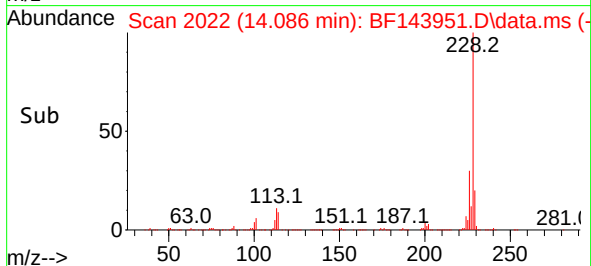
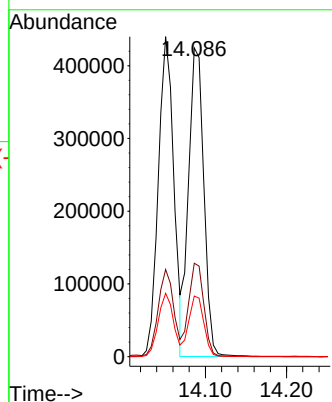
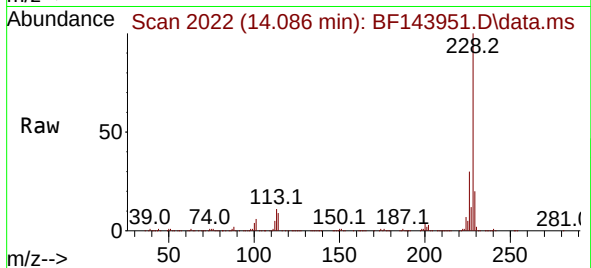
Tgt Ion:228 Resp: 555760

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.695 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

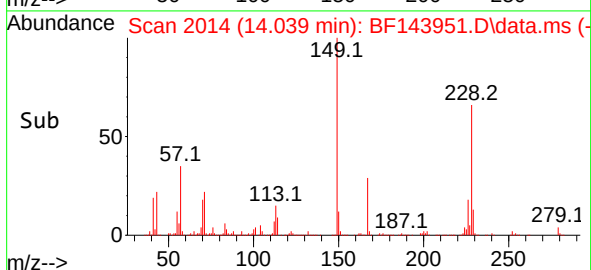
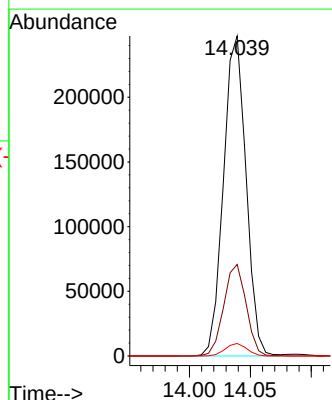
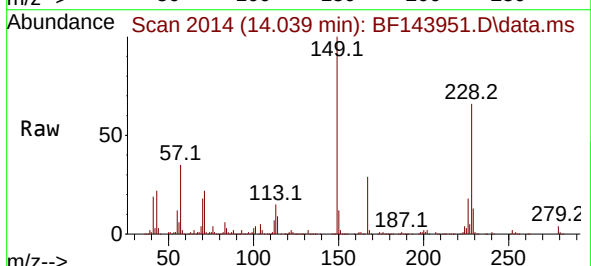
Tgt Ion:149 Resp: 319245

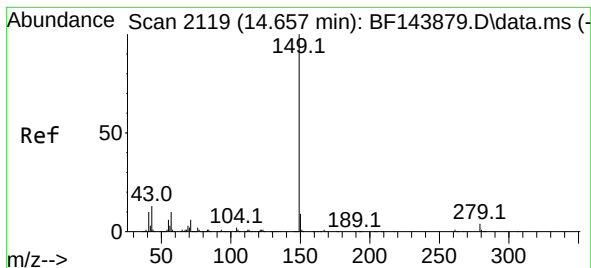
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.310 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

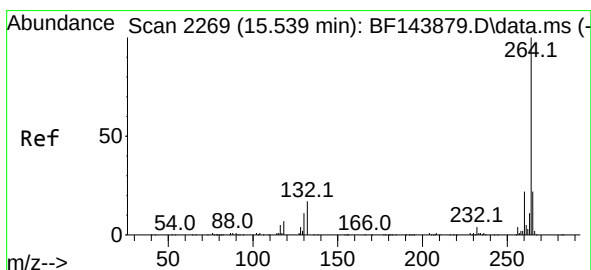
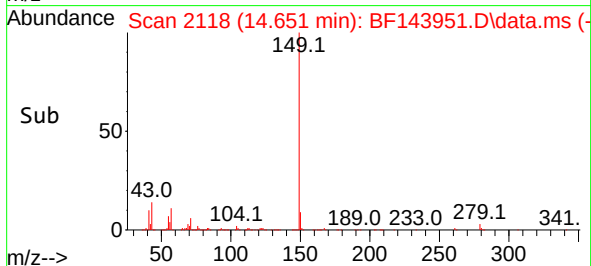
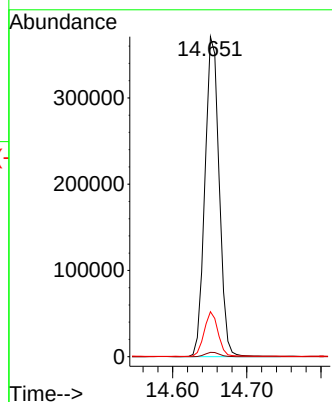
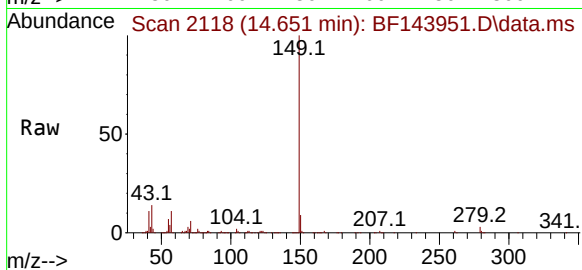
Tgt Ion:149 Resp: 496355

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.6 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

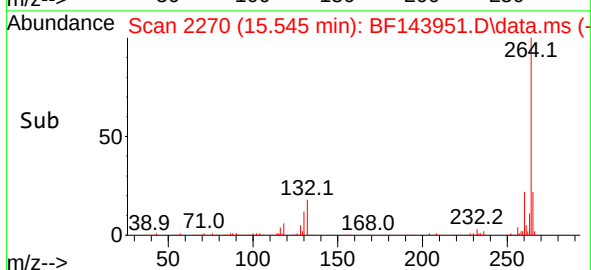
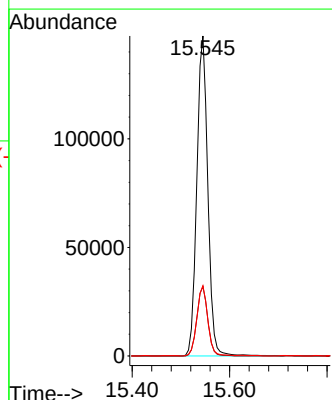
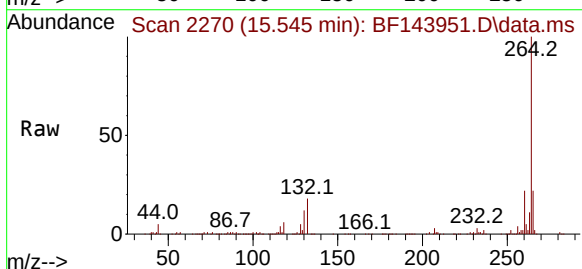
Tgt Ion:264 Resp: 232657

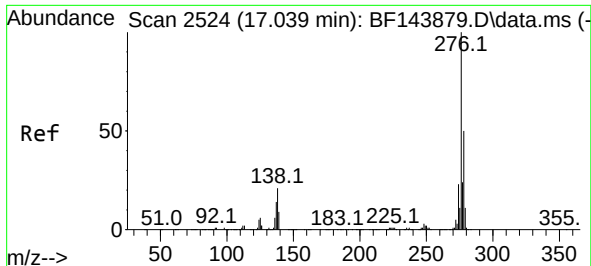
Ion Ratio Lower Upper

264 100

260 21.7 17.8 26.8

265 22.0 17.5 26.3

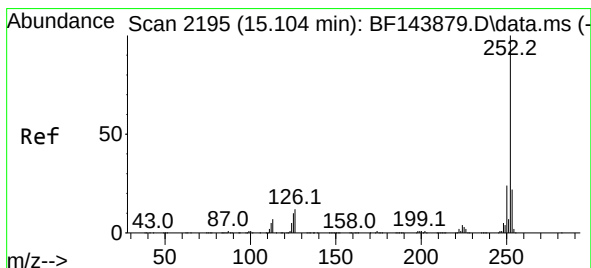
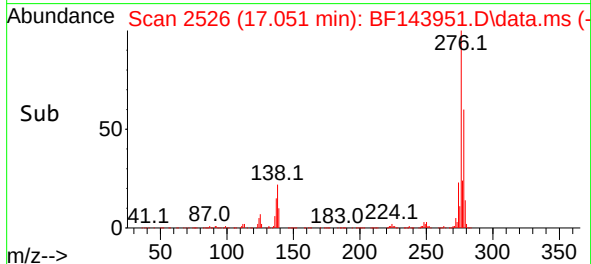
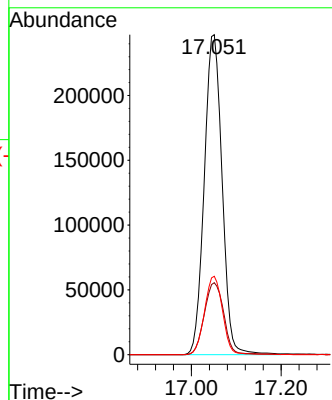
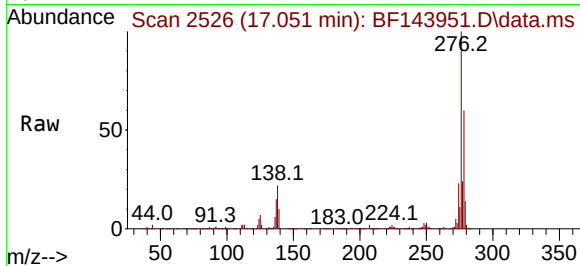




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.756 ng
 RT: 17.051 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

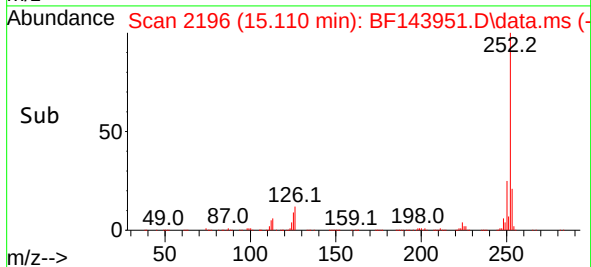
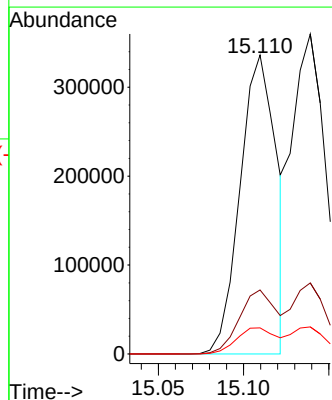
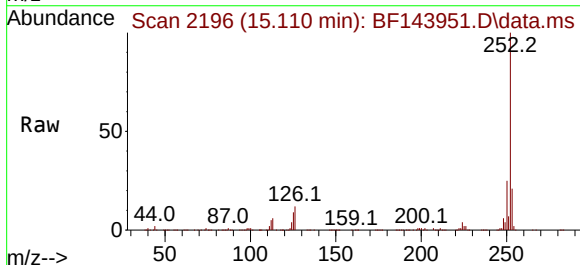
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

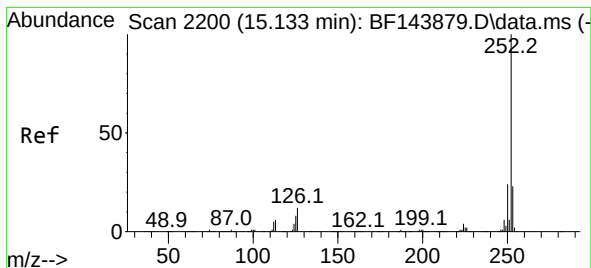
Tgt Ion:276 Resp: 680809
 Ion Ratio Lower Upper
 276 100
 138 24.7 18.2 27.2
 277 24.6 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 37.169 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

Tgt Ion:252 Resp: 496749
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.2
 125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 40.847 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

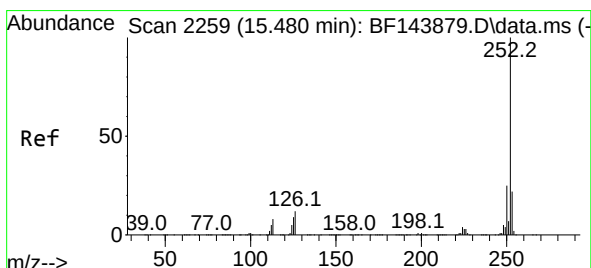
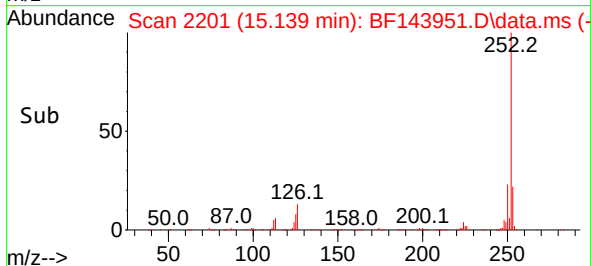
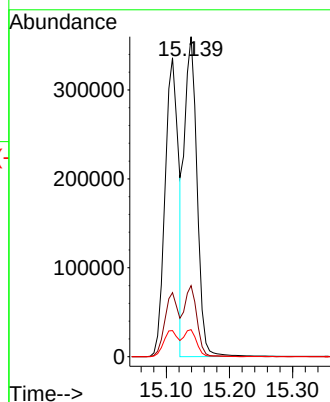
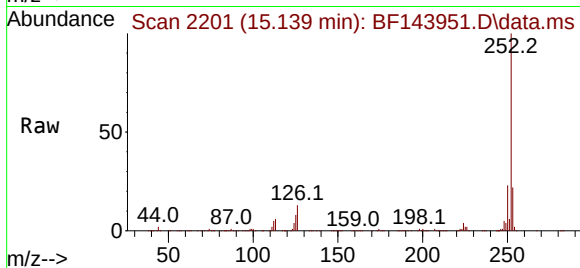
Tgt Ion:252 Resp: 505130

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.518 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

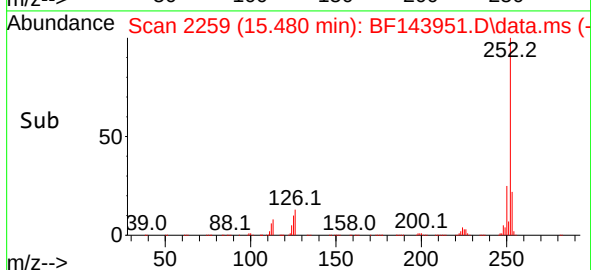
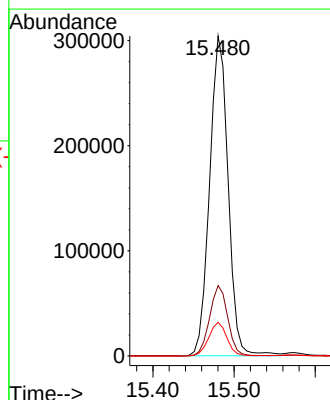
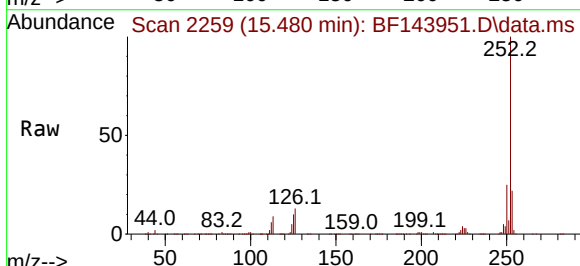
Tgt Ion:252 Resp: 481121

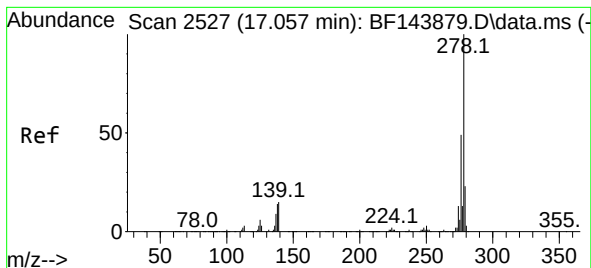
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.5 7.0 10.4#





#91

Dibenzo(a,h)anthracene

Concen: 47.469 ng

RT: 17.063 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

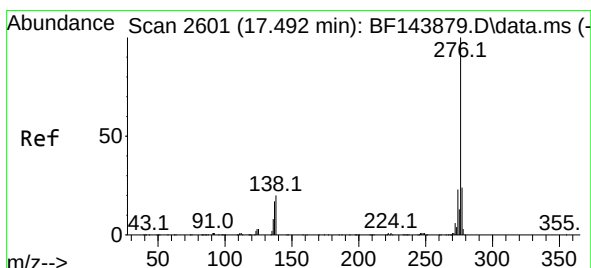
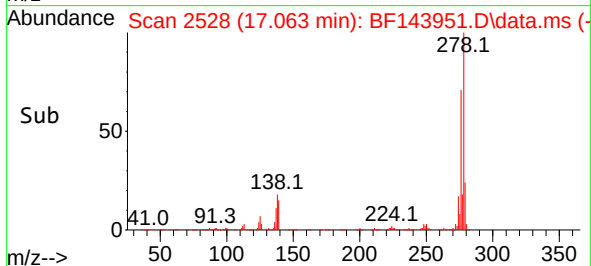
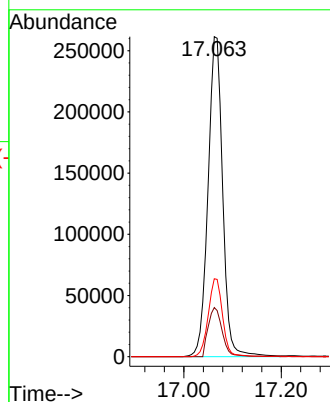
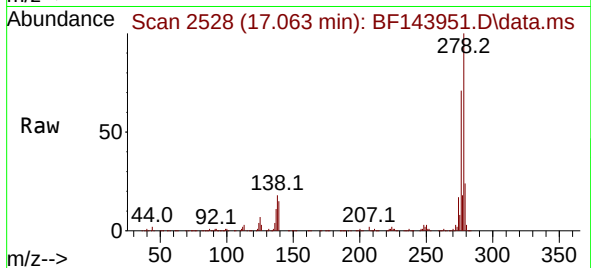
Tgt Ion:278 Resp: 544260

Ion Ratio Lower Upper

278 100

139 15.4 11.7 17.5

279 24.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 47.730 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Tgt Ion:276 Resp: 547256

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 21.3 16.1 24.1

