

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	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	482185	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	244444	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	412442	20.00	ng	0.00
76) Chrysene-d12	14.063	240	218845	20.00	ng	0.00
86) Perylene-d12	15.545	264	232657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	701297	83.53	ng	0.00
7) Phenol-d6	6.510	99	813552	81.29	ng	0.00
23) Nitrobenzene-d5	7.445	82	684673	86.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	196080	80.54	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1152310	74.80	ng	-0.01
79) Terphenyl-d14	13.004	244	1175950	91.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	168790	43.44	ng	96
3) Pyridine	3.399	79	484730	42.86	ng	99
4) n-Nitrosodimethylamine	3.352	42	248770	41.81	ng	93
6) Aniline	6.546	93	592351	39.50	ng	98
8) 2-Chlorophenol	6.669	128	347897	42.39	ng	99
9) Benzaldehyde	6.434	77	329993	42.74	ng	99
10) Phenol	6.522	94	517071	43.22	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	384555	41.61	ng	98
12) 1,3-Dichlorobenzene	6.822	146	397396	40.45	ng	99
13) 1,4-Dichlorobenzene	6.898	146	393148	40.57	ng	99
14) 1,2-Dichlorobenzene	7.051	146	380798	41.02	ng	99
15) Benzyl Alcohol	7.022	79	301088	40.15	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849690	40.39	ng	99
17) 2-Methylphenol	7.134	107	279190	41.16	ng	98
18) Hexachloroethane	7.398	117	133072	41.18	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	235868	34.43	ng	99
20) 3+4-Methylphenols	7.287	107	297457	37.84	ng	# 85
22) Acetophenone	7.293	105	387720	38.03	ng	97
24) Nitrobenzene	7.469	77	385214	43.71	ng	98
25) Isophorone	7.704	82	631085	37.71	ng	99
26) 2-Nitrophenol	7.781	139	171815	45.47	ng	96
27) 2,4-Dimethylphenol	7.816	122	273265	40.20	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	400166	37.85	ng	99
29) 2,4-Dichlorophenol	8.022	162	284584	40.19	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	294138	42.24	ng	98
31) Naphthalene	8.187	128	875652	39.92	ng	99
32) Benzoic acid	7.922	122	174031	36.99	ng	97
33) 4-Chloroaniline	8.234	127	316865	38.52	ng	99
34) Hexachlorobutadiene	8.304	225	199996	41.33	ng	99
35) Caprolactam	8.604	113	86689	38.51	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	258338	37.98	ng	98
37) 2-Methylnaphthalene	8.881	142	546469	37.40	ng	100
38) 1-Methylnaphthalene	8.981	142	527838	37.24	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	286554	42.41	ng	99
41) Hexachlorocyclopentadiene	9.034	237	99519	35.51	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	202402	41.00	ng	95

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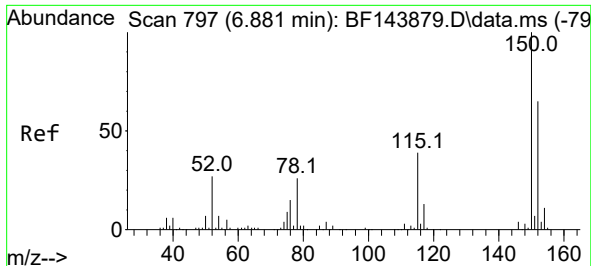
Quant Time: Oct 16 00:09:07 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	218232	41.83	ng	99
46) 1,1'-Biphenyl	9.345	154	647360	40.00	ng	99
47) 2-Chloronaphthalene	9.369	162	541940	40.16	ng	99
48) 2-Nitroaniline	9.463	65	193716	45.41	ng	99
49) Acenaphthylene	9.787	152	752209	39.65	ng	99
50) Dimethylphthalate	9.639	163	627266	40.41	ng	100
51) 2,6-Dinitrotoluene	9.704	165	126997	44.12	ng	99
52) Acenaphthene	9.957	154	487810	39.24	ng	98
53) 3-Nitroaniline	9.875	138	151320	42.93	ng	99
54) 2,4-Dinitrophenol	9.981	184	59009	37.29	ng	95
55) Dibenzofuran	10.128	168	693521	39.52	ng	99
56) 4-Nitrophenol	10.028	139	108053	40.49	ng	97
57) 2,4-Dinitrotoluene	10.110	165	176514	45.07	ng	98
58) Fluorene	10.475	166	521316	39.37	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154500	41.84	ng	# 98
60) Diethylphthalate	10.345	149	573978	39.80	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	281670	40.24	ng	98
62) 4-Nitroaniline	10.492	138	139496	41.16	ng	97
63) Azobenzene	10.628	77	612519	40.64	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	93100	44.92	ng	95
66) n-Nitrosodiphenylamine	10.586	169	527087	40.70	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	181806	39.89	ng	99
68) Hexachlorobenzene	11.022	284	211176	40.02	ng	99
69) Atrazine	11.110	200	154583	39.38	ng	99
70) Pentachlorophenol	11.216	266	112456	37.11	ng	98
71) Phenanthrene	11.439	178	798219	39.92	ng	99
72) Anthracene	11.492	178	812167	40.21	ng	100
73) Carbazole	11.645	167	708926	39.63	ng	99
74) Di-n-butylphthalate	11.975	149	858583	41.41	ng	99
75) Fluoranthene	12.633	202	793565	38.42	ng	99
77) Benzidine	12.751	184	279680	36.81	ng	99
78) Pyrene	12.863	202	818988	44.89	ng	100
80) Butylbenzylphthalate	13.480	149	276998	46.75	ng	98
81) Benzo(a)anthracene	14.051	228	583301	40.73	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	173726	39.81	ng	99
83) Chrysene	14.086	228	555760	41.93	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	319245	44.70	ng	99
85) Di-n-octyl phthalate	14.651	149	496355	42.31	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	680809	47.76	ng	98
88) Benzo(b)fluoranthene	15.110	252	496749	37.17	ng	99
89) Benzo(k)fluoranthene	15.139	252	505130	40.85	ng	99
90) Benzo(a)pyrene	15.480	252	481121	41.52	ng	# 98
91) Dibenzo(a,h)anthracene	17.063	278	544260	47.47	ng	98
92) Benzo(g,h,i)perylene	17.504	276	547256	47.73	ng	99

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

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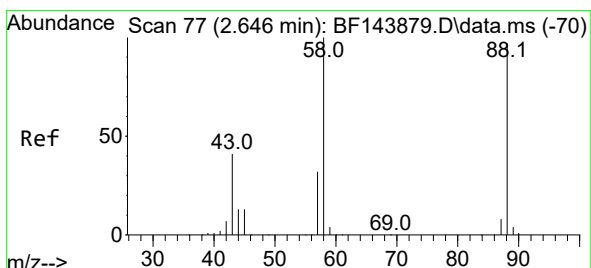
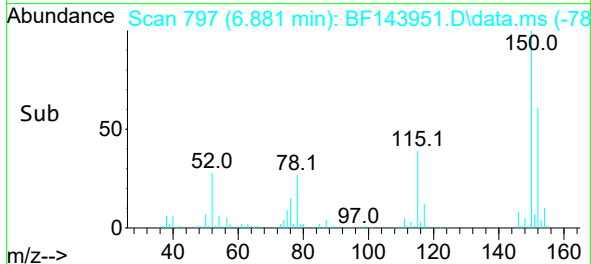
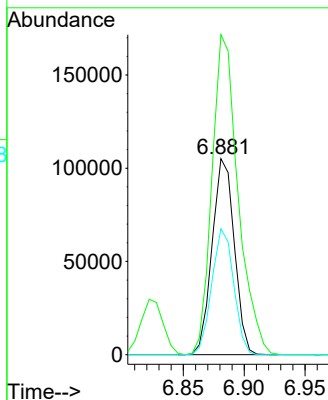
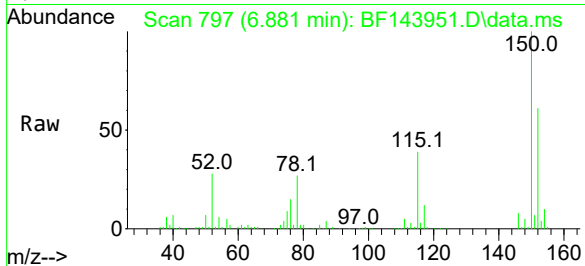




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

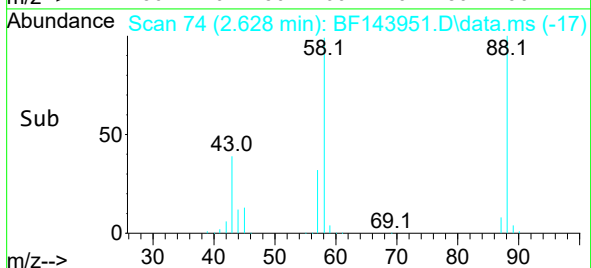
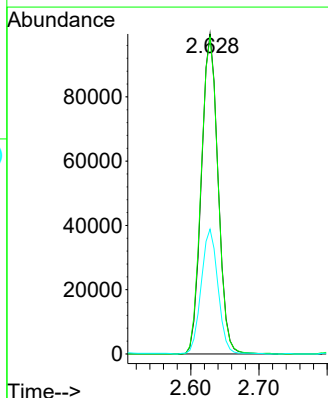
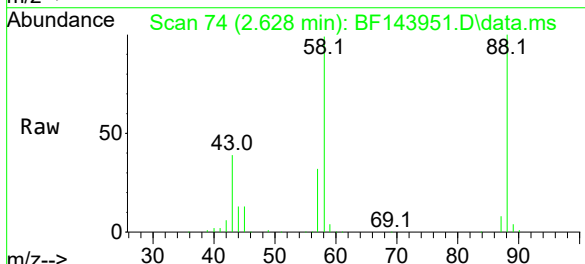
Instrument :
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 SSTDCCC040

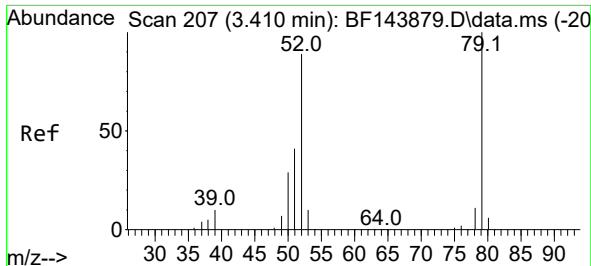
Tgt Ion:152 Resp: 133330
 Ion Ratio Lower Upper
 152 100
 150 163.3 124.4 186.6
 115 64.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.44 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

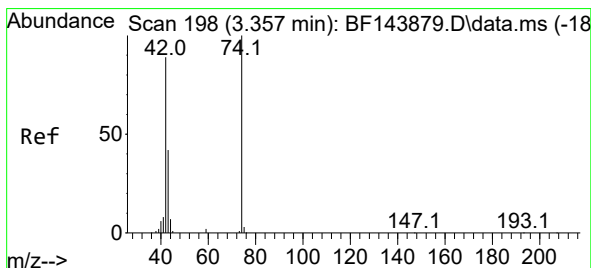
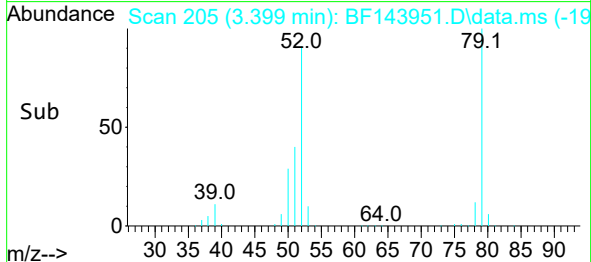
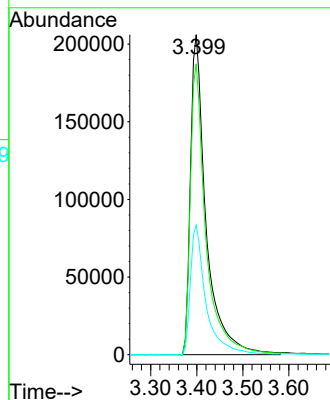
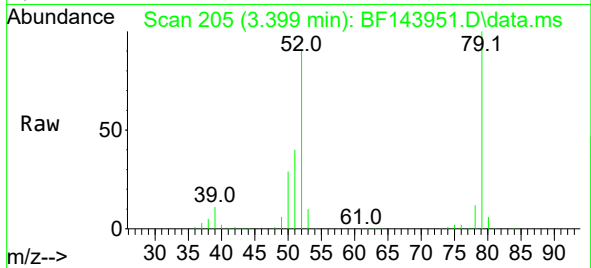




#3
Pyridine
Concen: 42.86 ng
RT: 3.399 min Scan# 207
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

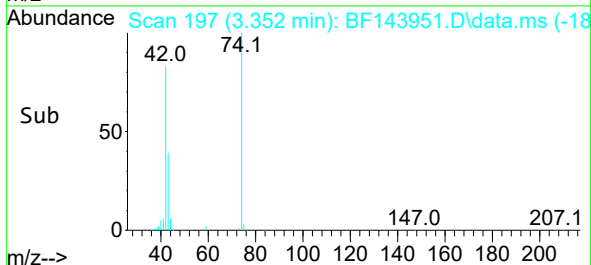
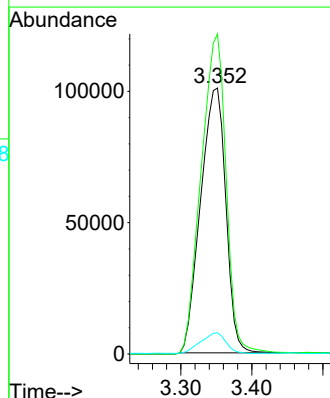
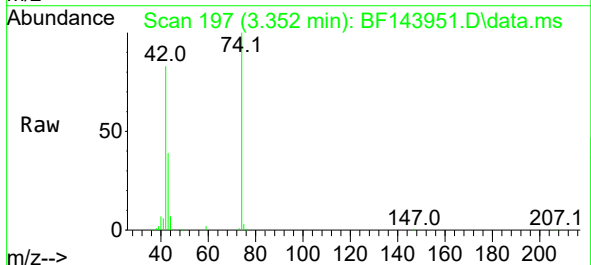
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ClientSampleId :
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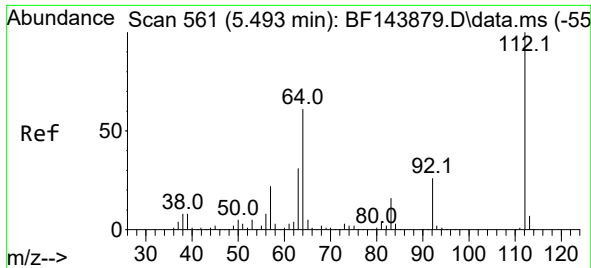
Tgt Ion: 79 Resp: 484730
Ion Ratio Lower Upper
79 100
52 90.9 71.5 107.3
51 40.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 41.81 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

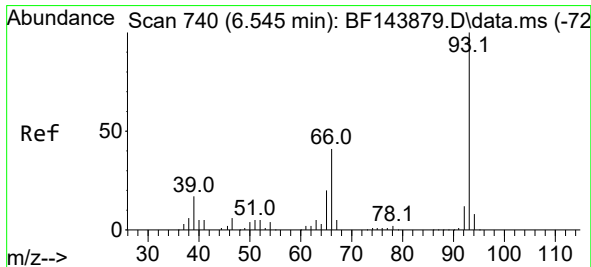
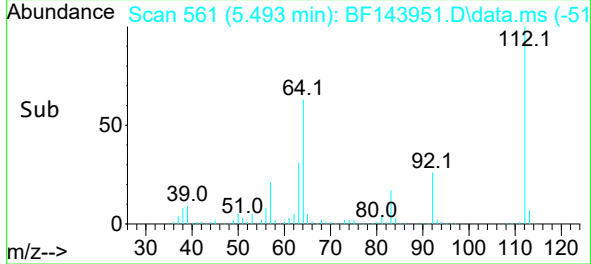
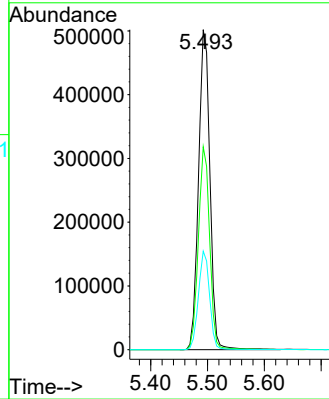
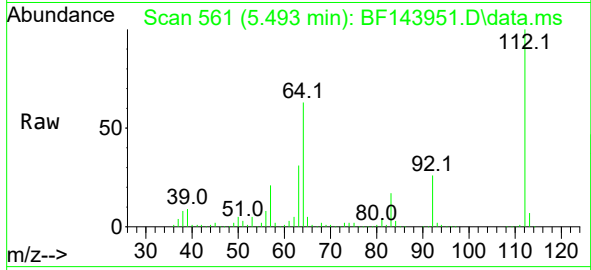




#5
2-Fluorophenol
Concen: 83.53 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

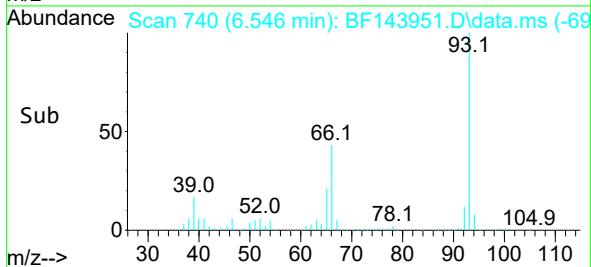
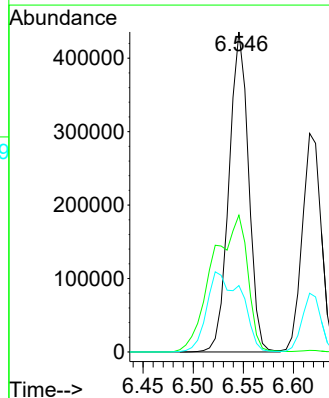
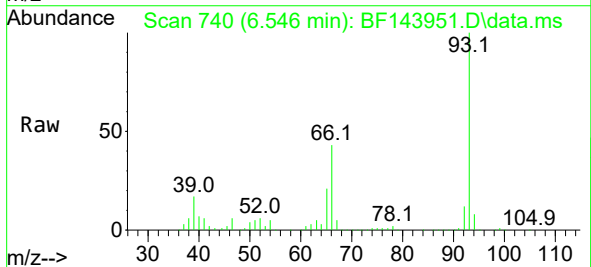
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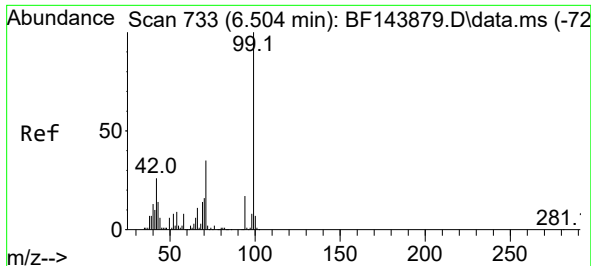
Tgt Ion:112 Resp: 701297
Ion Ratio Lower Upper
112 100
64 63.4 49.1 73.7
63 30.8 24.5 36.7



#6
Aniline
Concen: 39.50 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: 81.29 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

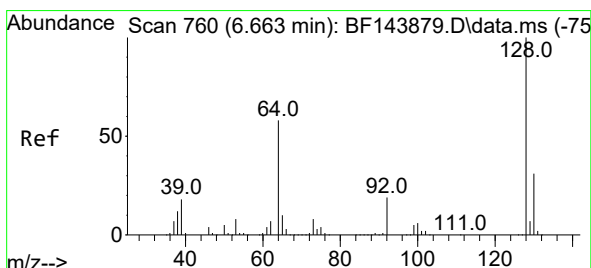
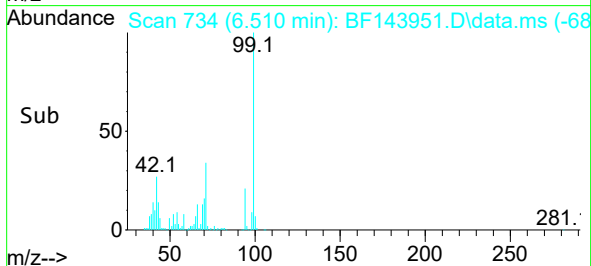
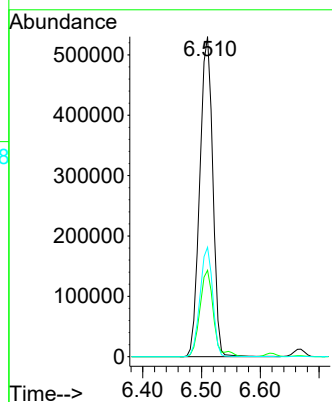
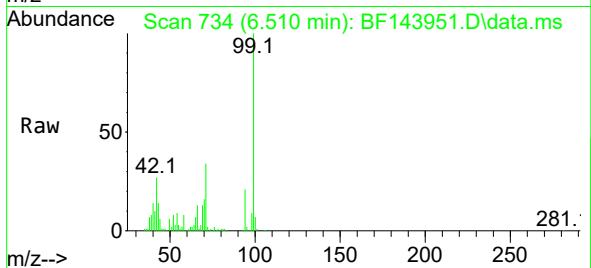
Tgt Ion: 99 Resp: 813552

Ion Ratio Lower Upper

99 100

42 27.0 21.0 31.4

71 34.2 27.8 41.8



#8

2-Chlorophenol

Concen: 42.39 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

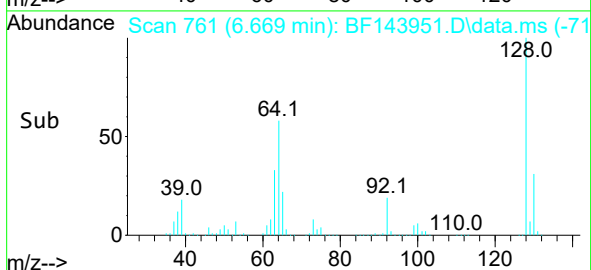
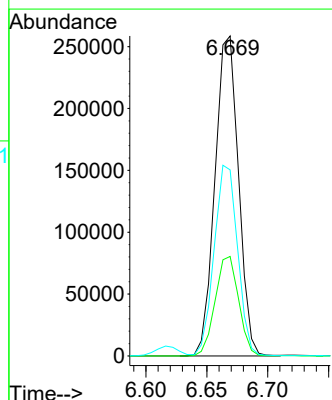
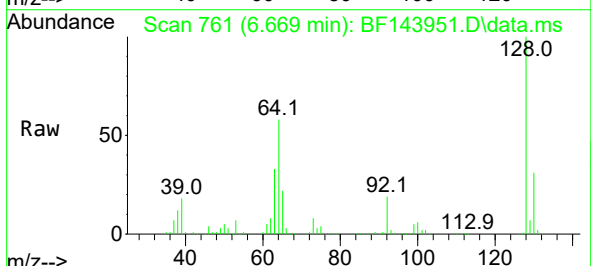
Tgt Ion:128 Resp: 347897

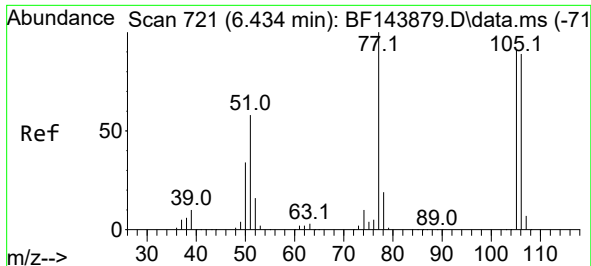
Ion Ratio Lower Upper

128 100

130 31.1 10.7 50.7

64 58.1 39.0 79.0

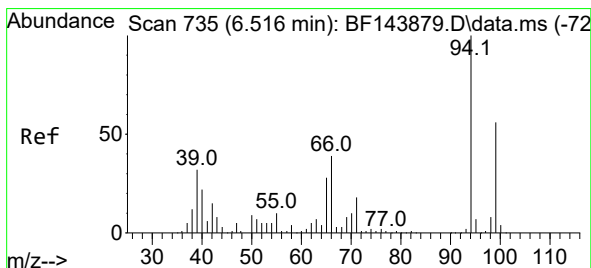
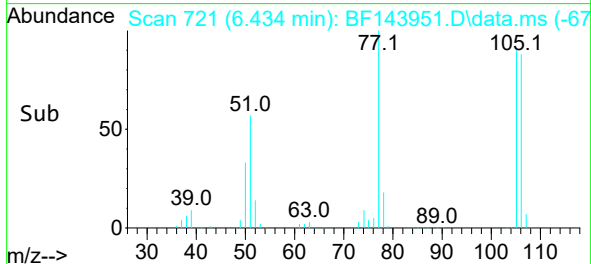
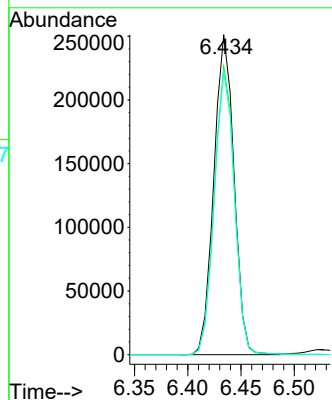
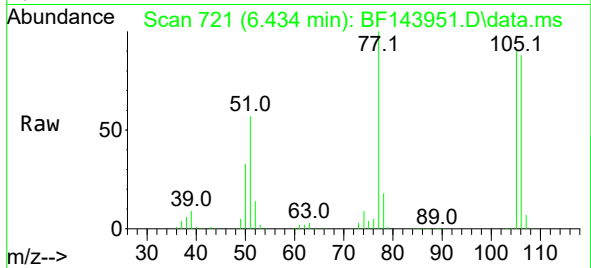




#9
Benzaldehyde
Concen: 42.74 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

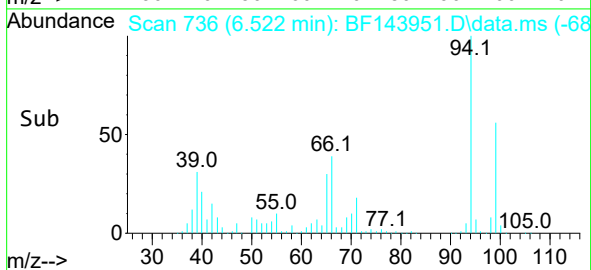
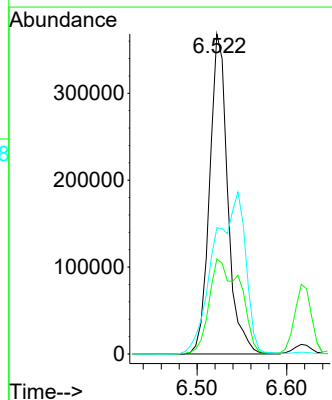
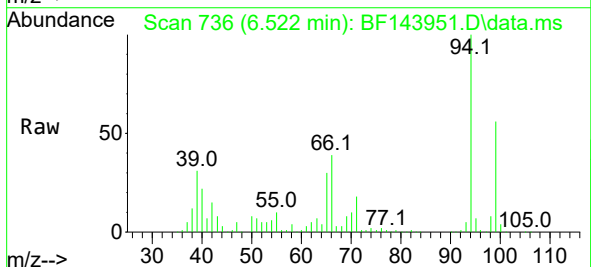
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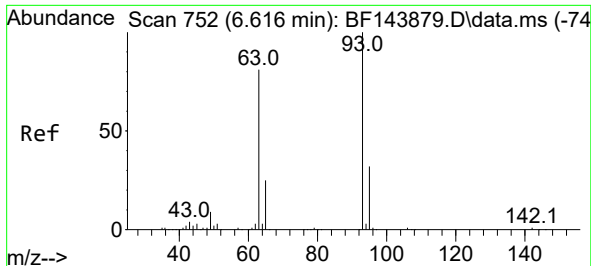
Tgt Ion: 77 Resp: 329993
Ion Ratio Lower Upper
77 100
105 90.0 70.9 110.9
106 88.4 68.9 108.9



#10
Phenol
Concen: 43.22 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: 41.61 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

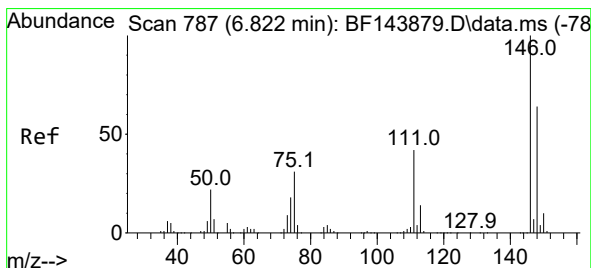
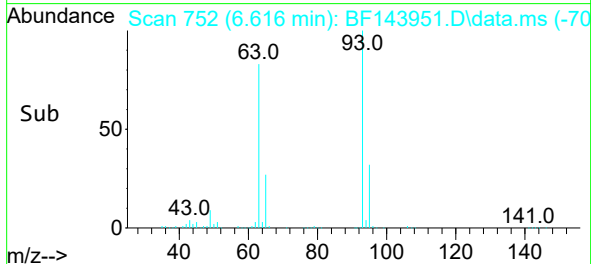
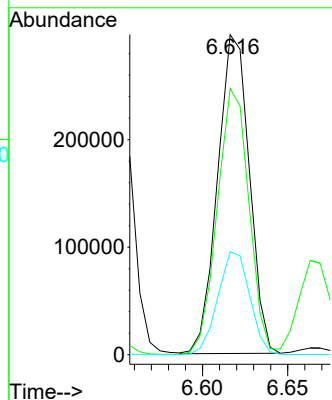
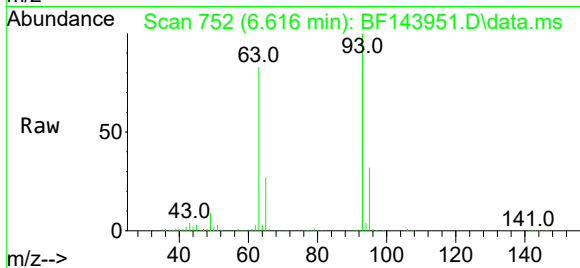
Tgt Ion: 93 Resp: 384555

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: 40.45 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

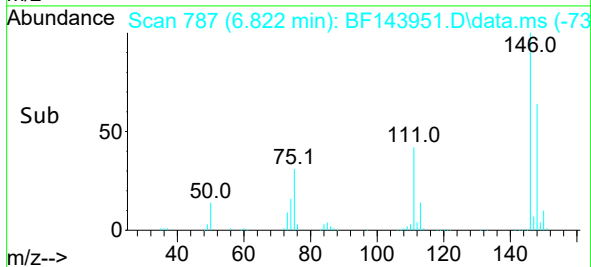
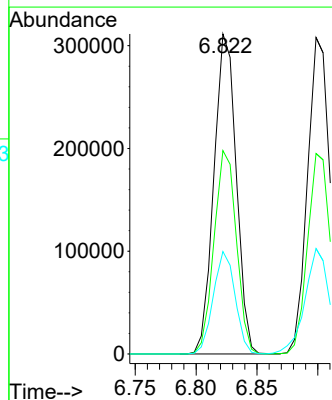
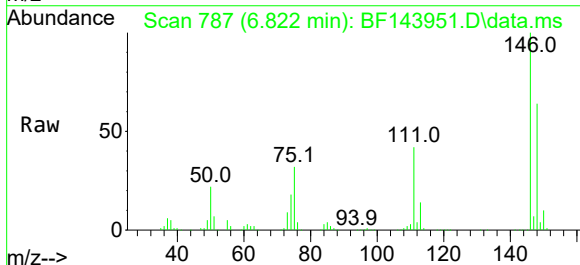
Tgt Ion:146 Resp: 397396

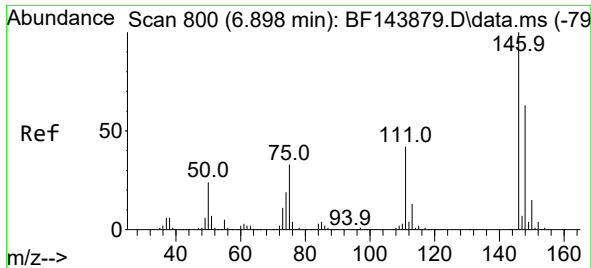
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 32.0 24.9 37.3

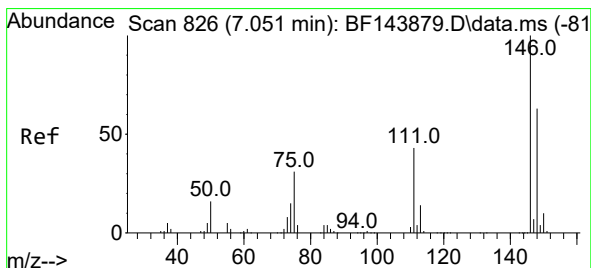
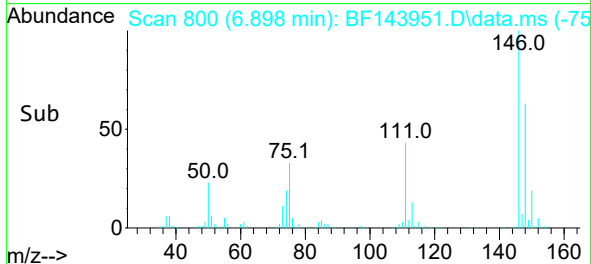
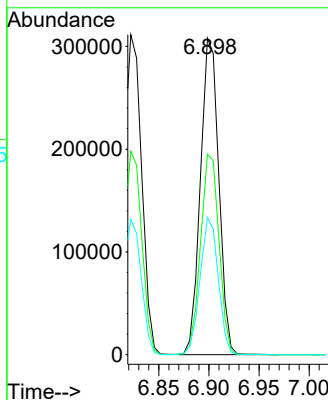
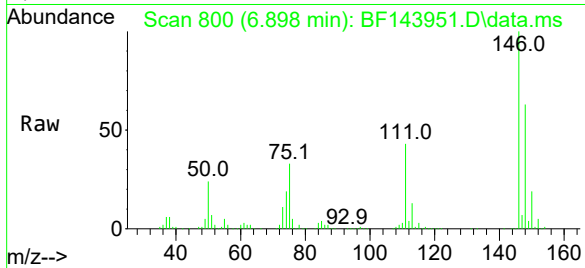




#13
1,4-Dichlorobenzene
Concen: 40.57 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

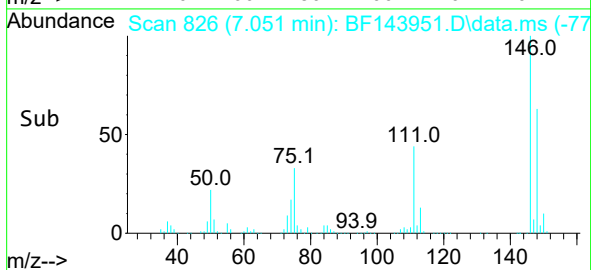
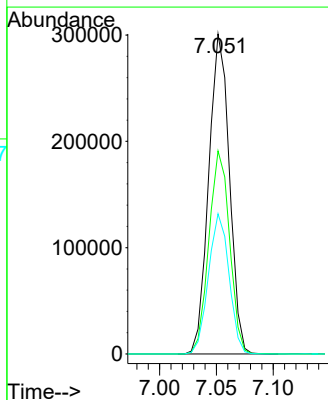
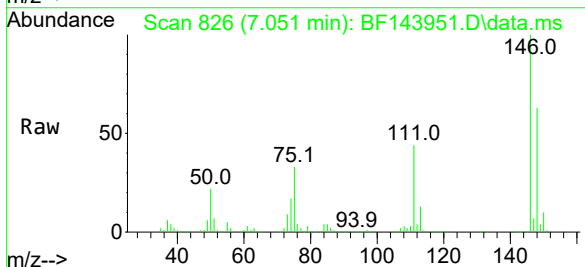
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

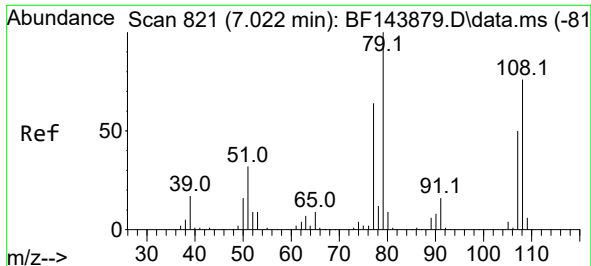
Tgt Ion:146 Resp: 393148
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 43.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 41.02 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

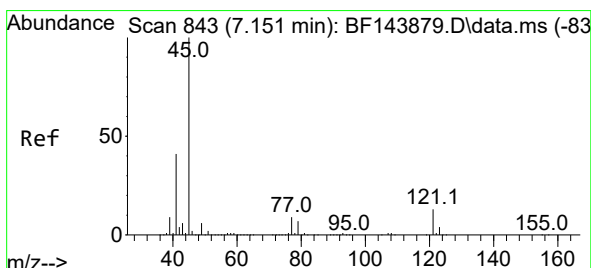
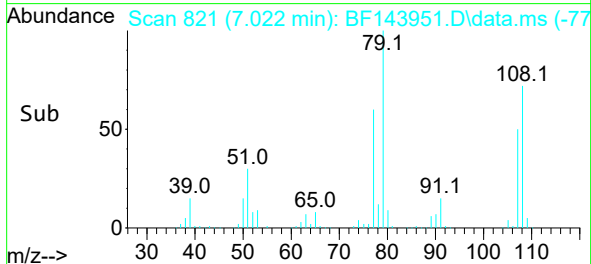
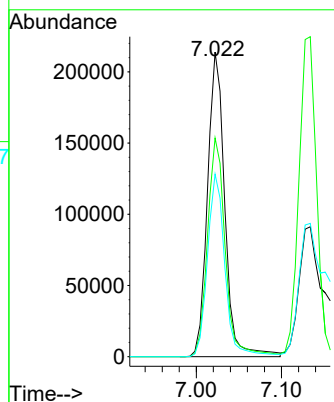
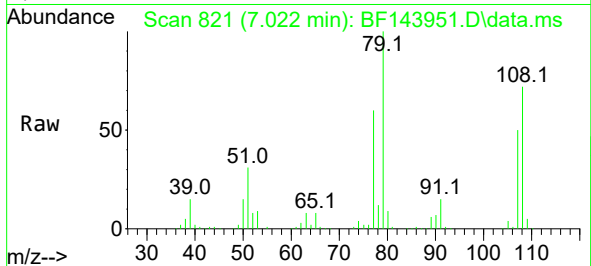




#15
Benzyl Alcohol
Concen: 40.15 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

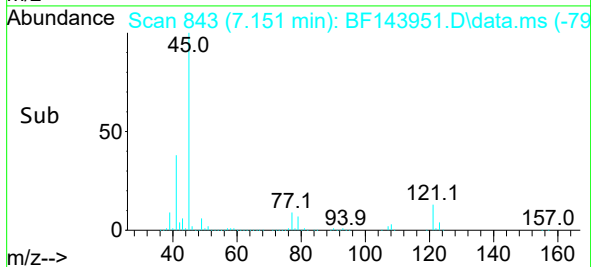
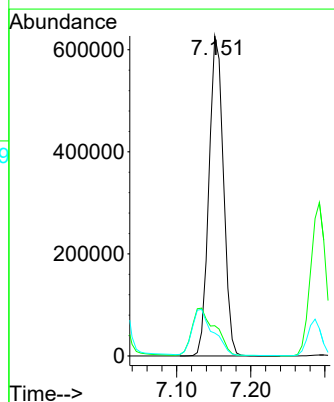
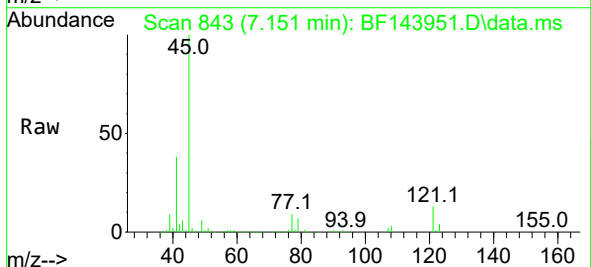
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

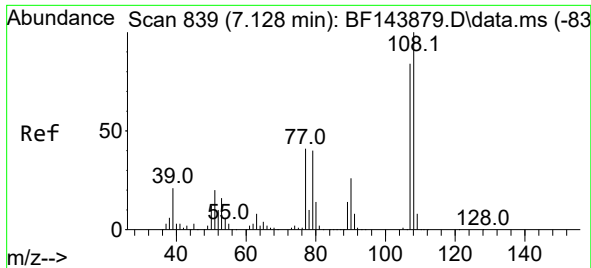
Tgt Ion: 79 Resp: 301088
Ion Ratio Lower Upper
79 100
108 71.8 60.8 91.2
77 60.0 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.39 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

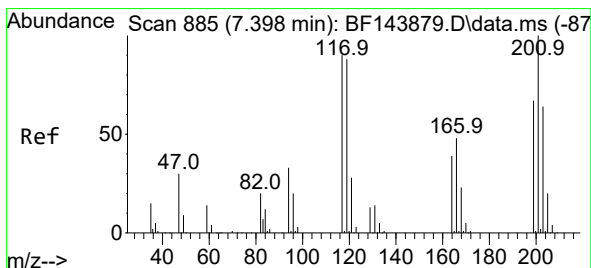
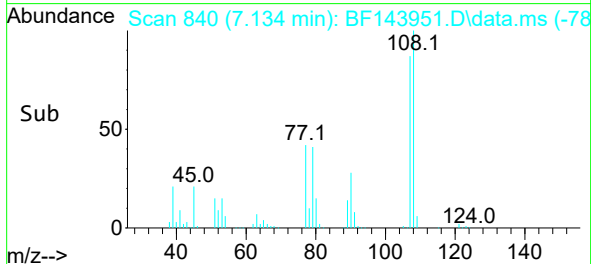
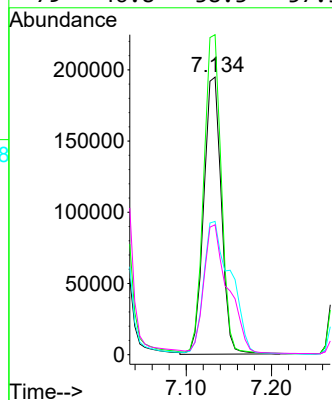
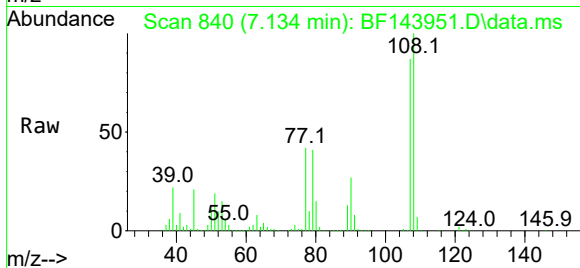




#17
2-Methylphenol
Concen: 41.16 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

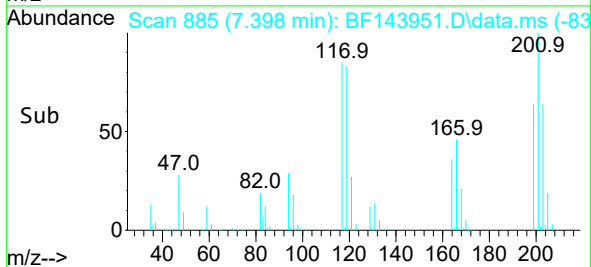
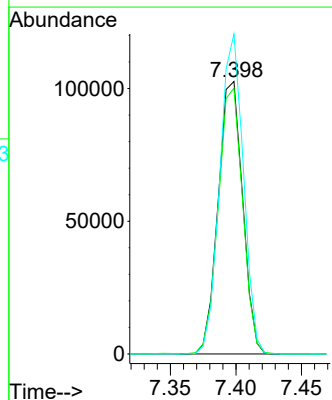
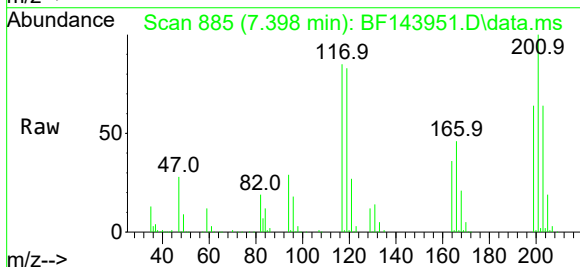
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

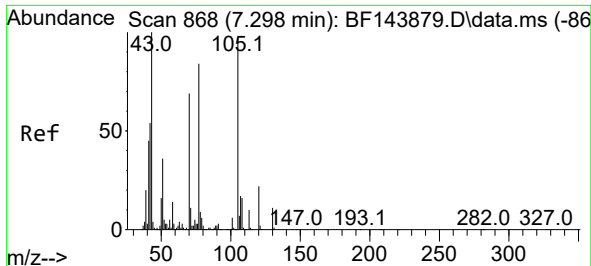
Tgt Ion:	107	Resp:	279190
Ion	Ratio	Lower	Upper
107	100		
108	115.3	94.7	142.1
77	48.1	38.8	58.2
79	46.8	38.3	57.5



#18
Hexachloroethane
Concen: 41.18 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

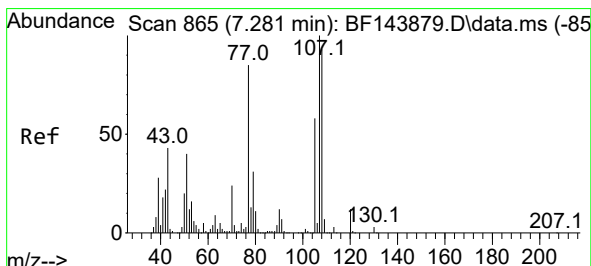
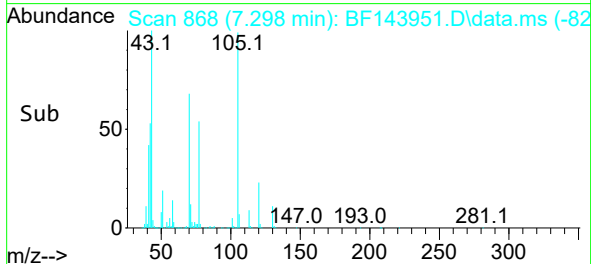
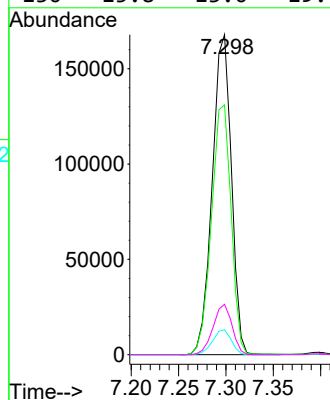
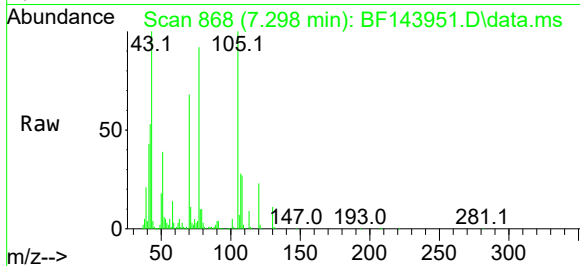




#19
n-Nitroso-di-n-propylamine
Concen: 34.43 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

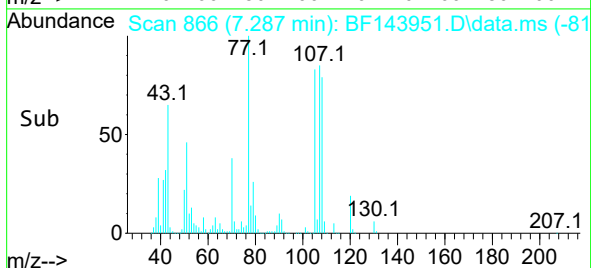
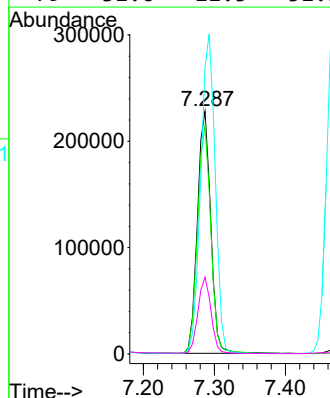
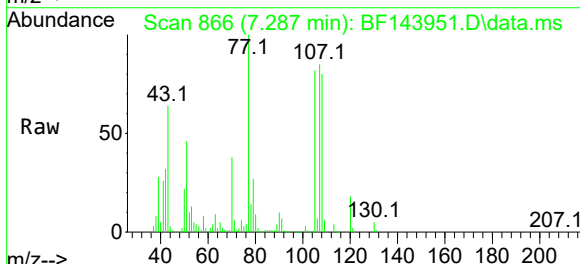
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

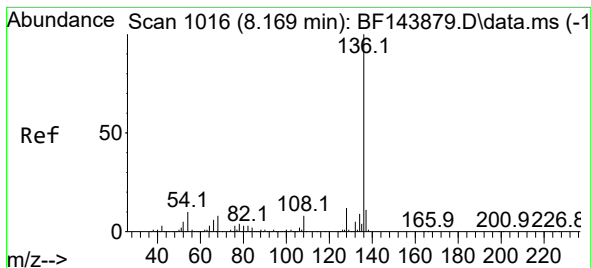
Tgt Ion: 70 Resp: 235868
Ion Ratio Lower Upper
70 100
42 78.0 62.8 94.2
101 7.8 6.7 10.1
130 15.8 13.0 19.4



#20
3+4-Methylphenols
Concen: 37.84 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: 20.00 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

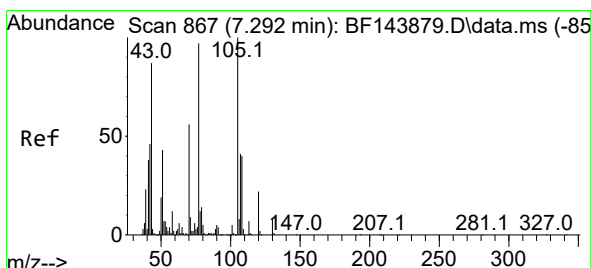
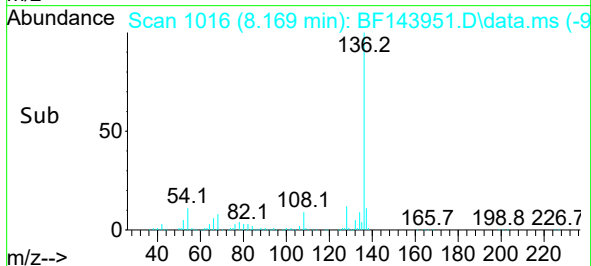
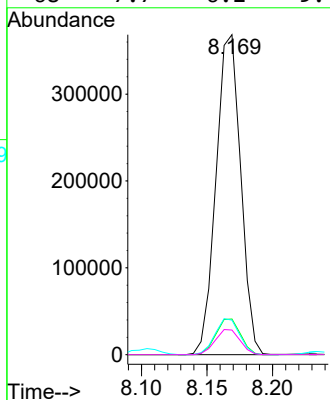
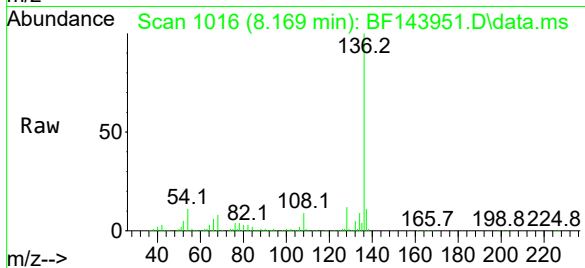
Ion Ratio Lower Upper

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: 38.03 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

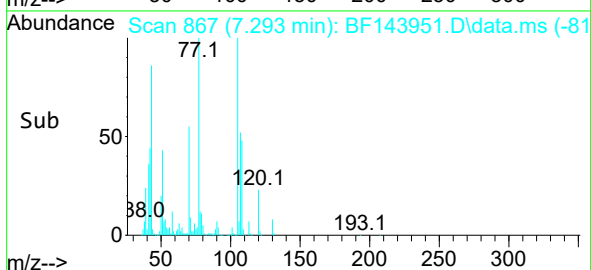
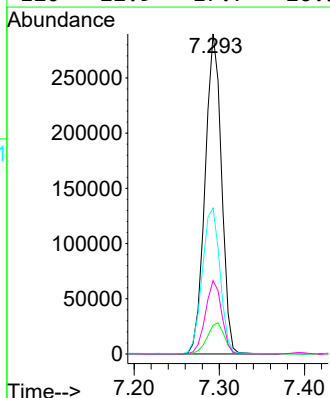
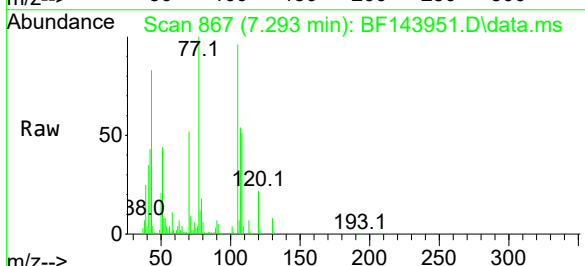
Ion Ratio Lower Upper

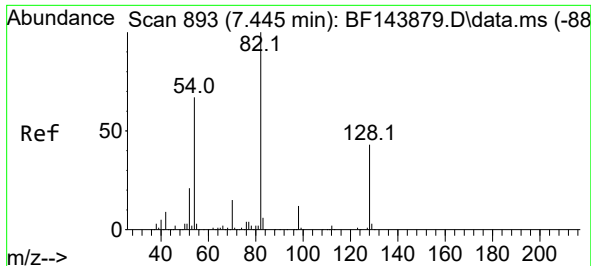
105 100

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: 86.27 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

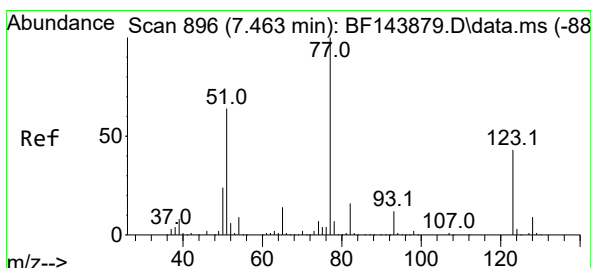
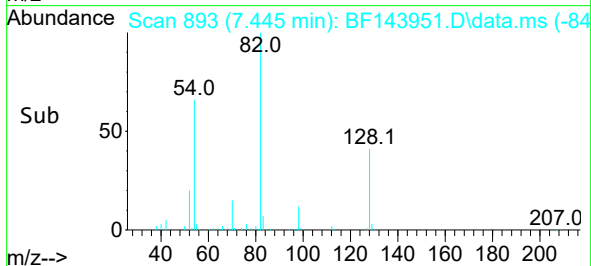
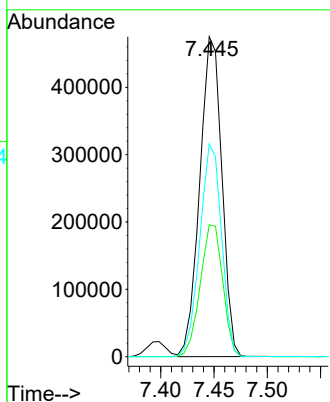
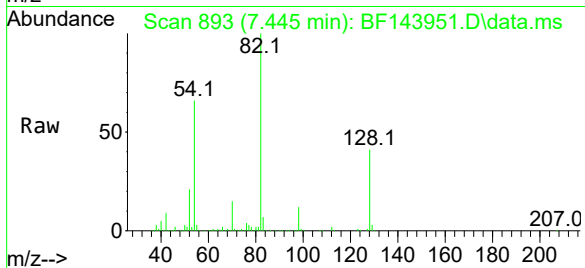
Tgt Ion: 82 Resp: 684673

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

54 66.5 53.2 79.8



#24

Nitrobenzene

Concen: 43.71 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

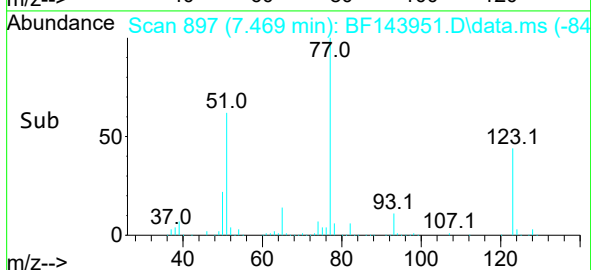
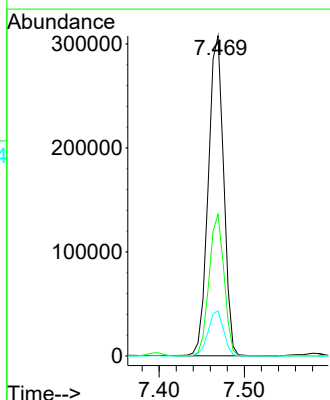
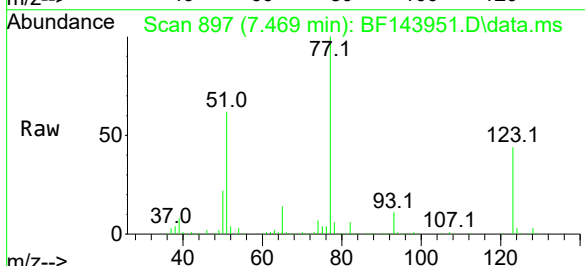
Tgt Ion: 77 Resp: 385214

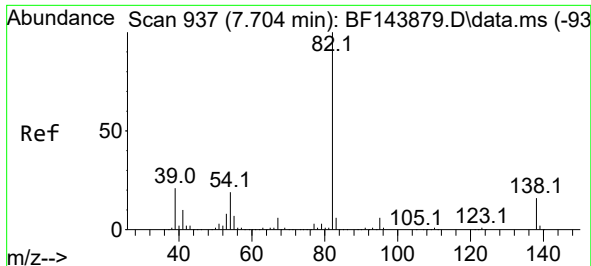
Ion Ratio Lower Upper

77 100

123 44.2 34.2 51.4

65 14.1 11.0 16.6

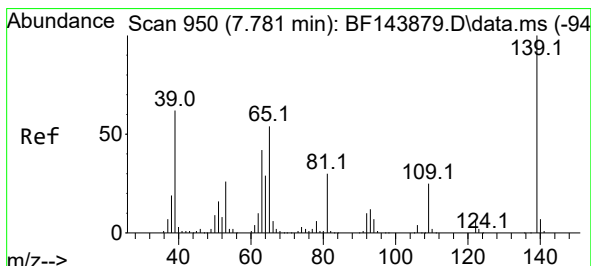
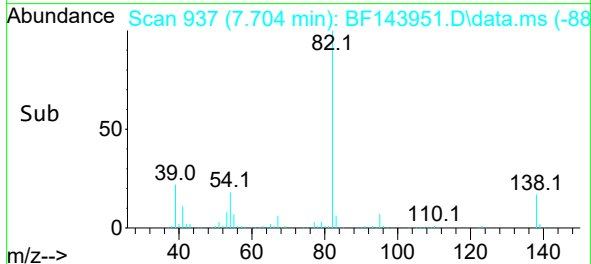
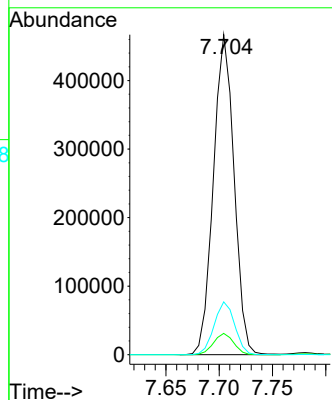
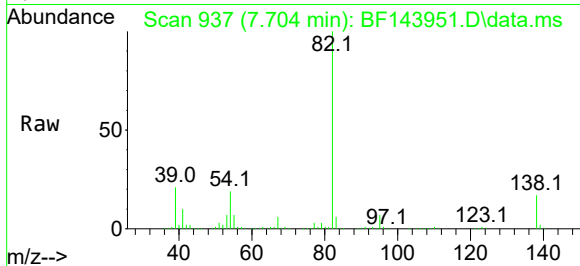




#25
Isophorone
Concen: 37.71 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

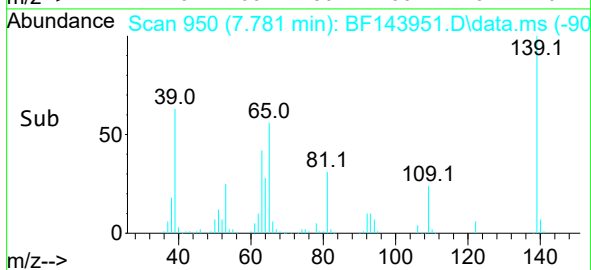
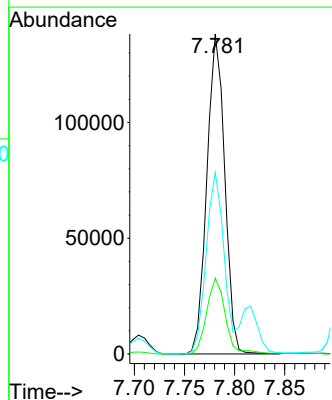
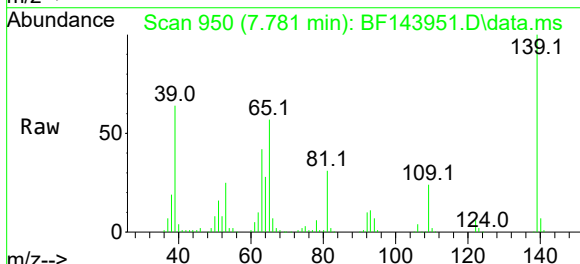
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

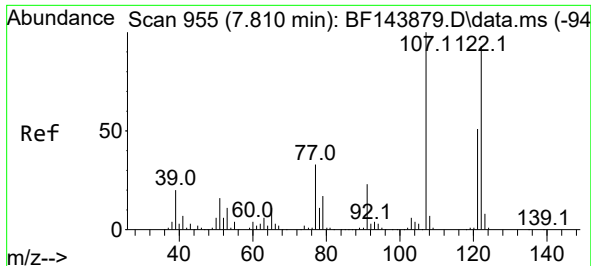
Tgt Ion: 82 Resp: 631085
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.5 12.9 19.3



#26
2-Nitrophenol
Concen: 45.47 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

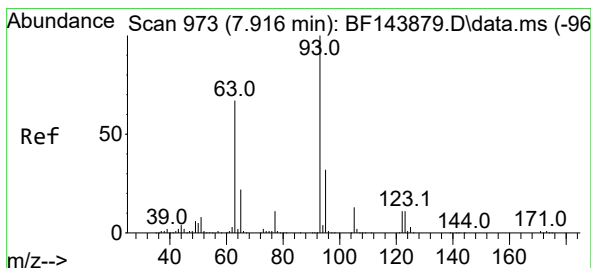
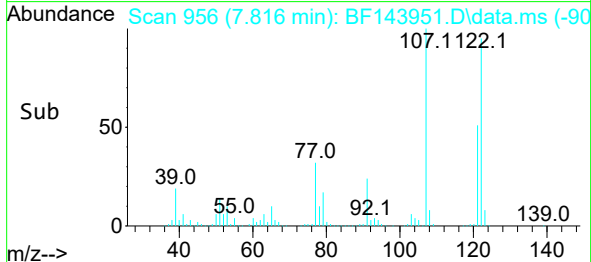
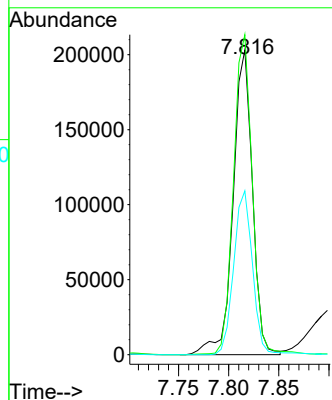
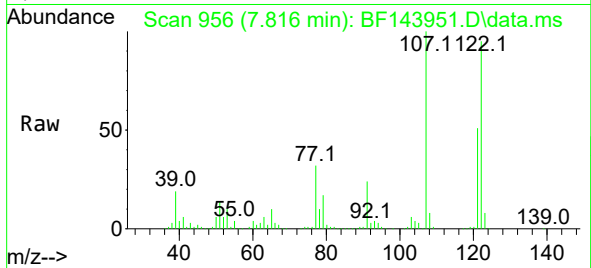




#27
2,4-Dimethylphenol
Concen: 40.20 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

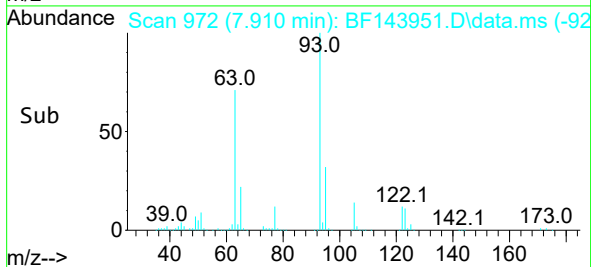
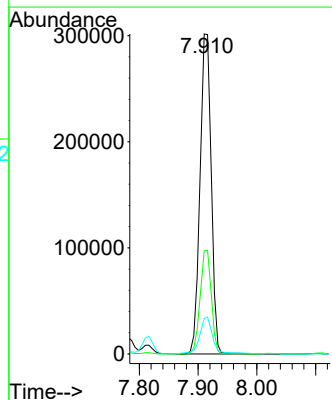
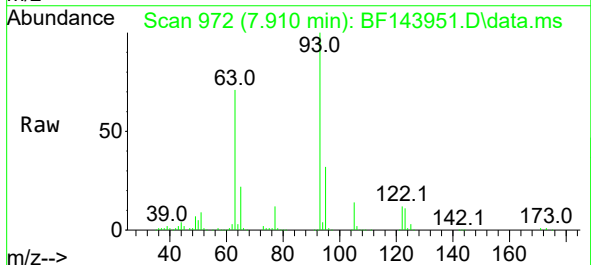
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

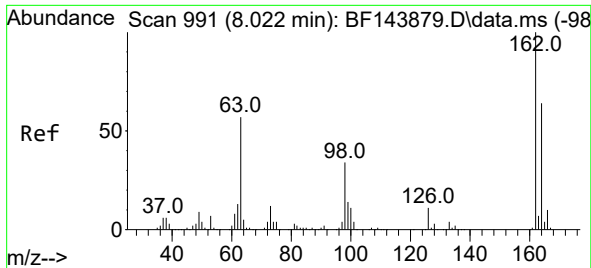
Tgt Ion:122 Resp: 273265
Ion Ratio Lower Upper
122 100
107 105.0 86.1 129.1
121 53.8 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.85 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: 40.19 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

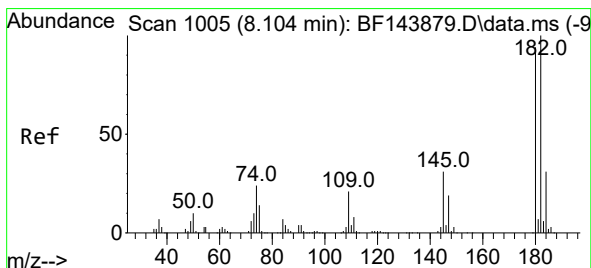
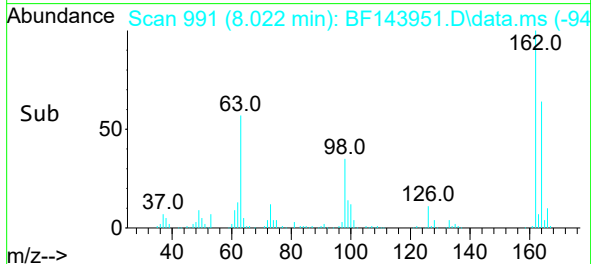
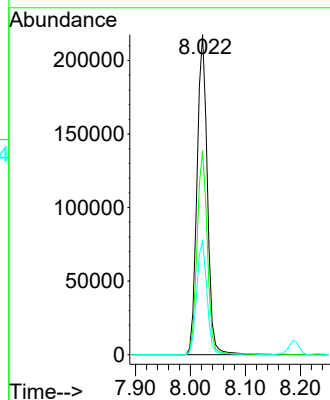
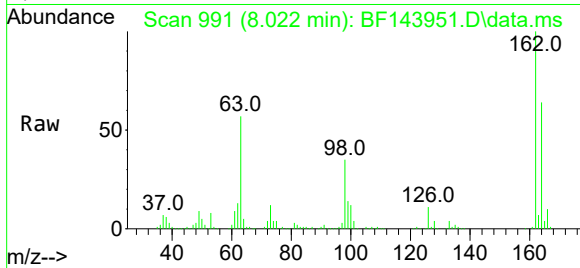
Tgt Ion:162 Resp: 284584

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: 42.24 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

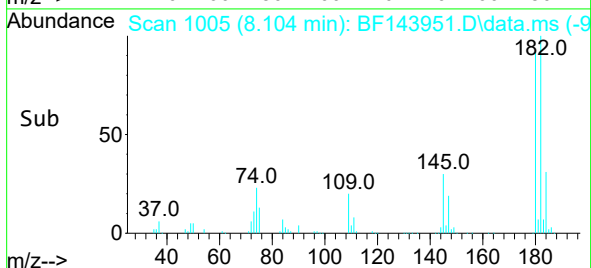
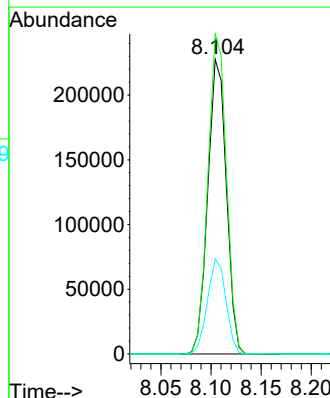
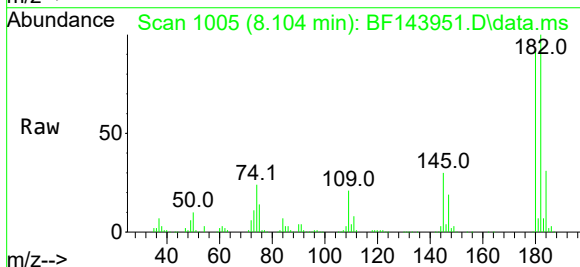
Tgt Ion:180 Resp: 294138

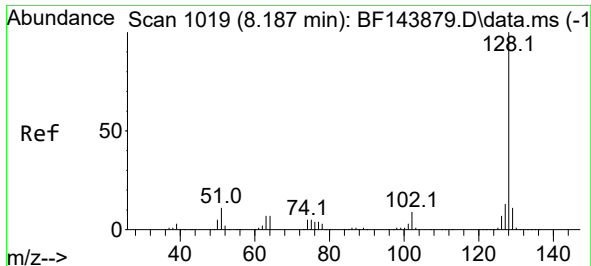
Ion Ratio Lower Upper

180 100

182 108.6 85.4 128.0

145 32.3 26.3 39.5

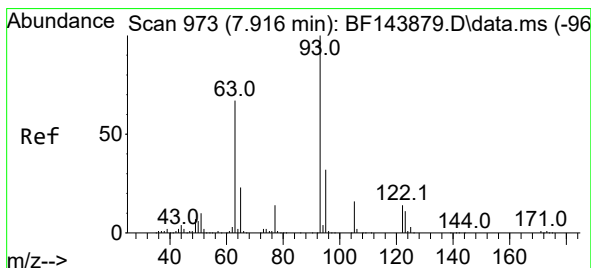
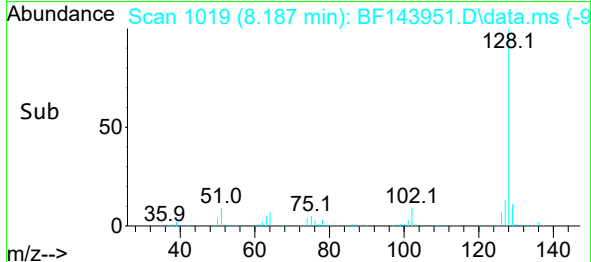
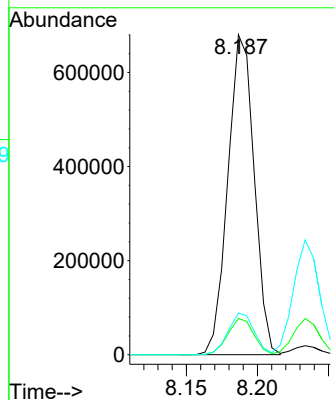
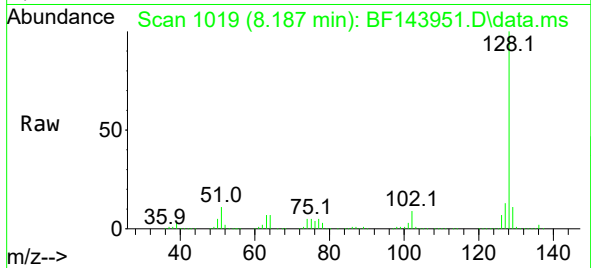




#31
Naphthalene
Concen: 39.92 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

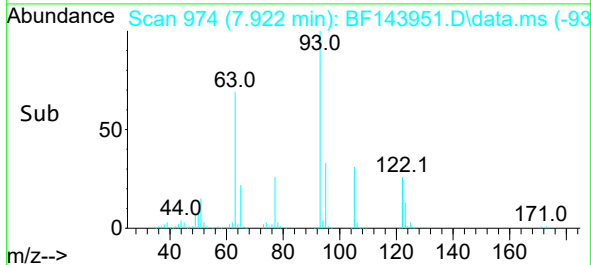
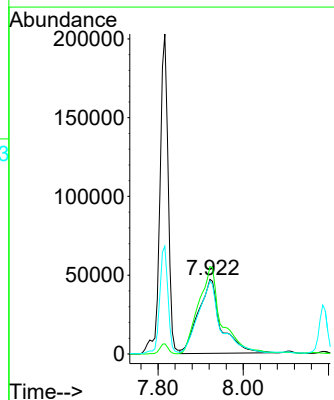
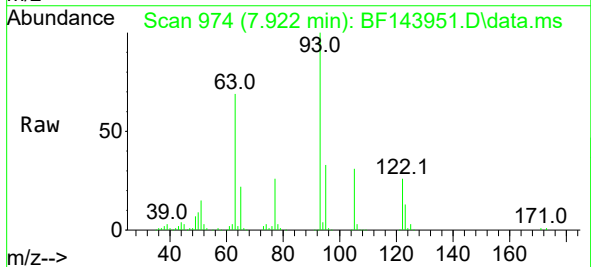
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

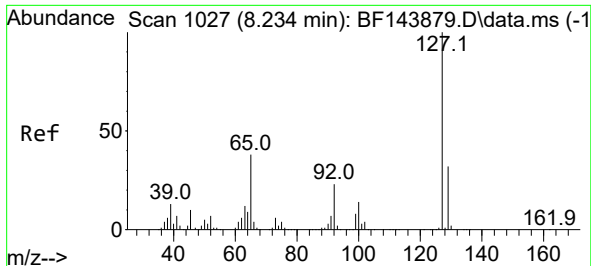
Tgt Ion:128 Resp: 875652
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.0 10.0 15.0



#32
Benzoic acid
Concen: 36.99 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

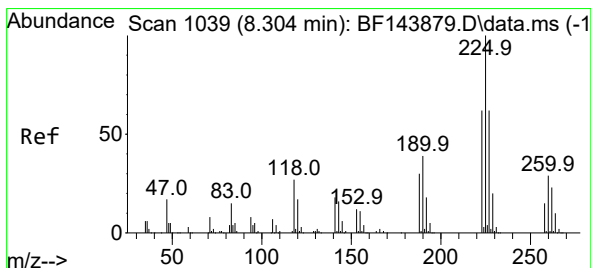
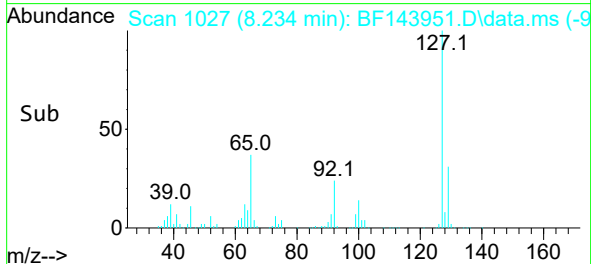
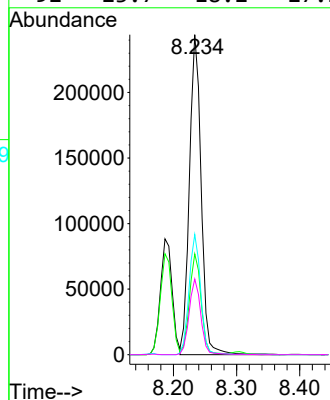
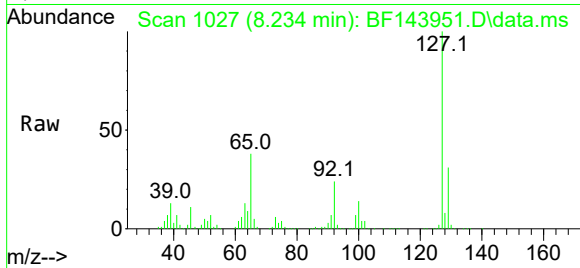




#33
4-Chloroaniline
Concen: 38.52 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

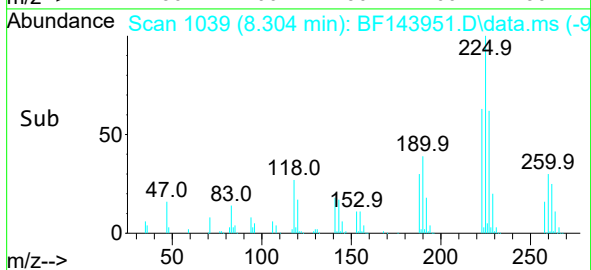
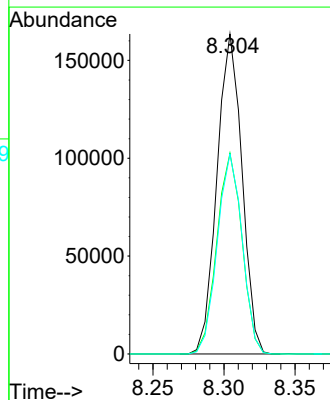
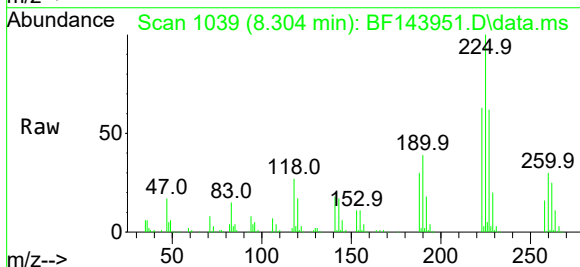
Instrument :
BNA_F
ClientSampleId :
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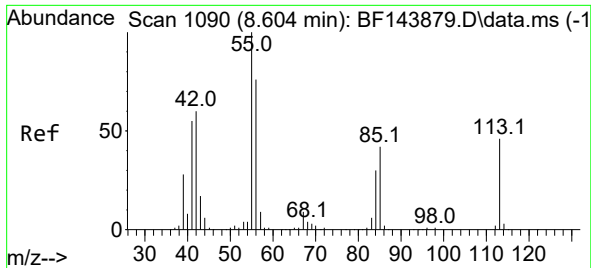
Tgt Ion:	127	Resp:	316865
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.8
65	37.5	30.0	45.0
92	23.7	18.2	27.2



#34
Hexachlorobutadiene
Concen: 41.33 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

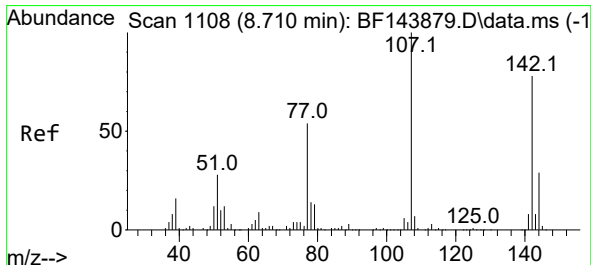
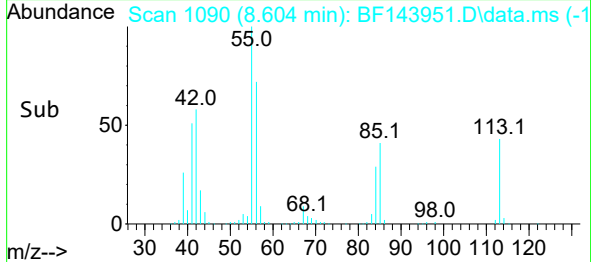
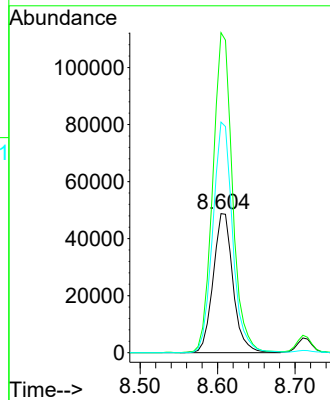
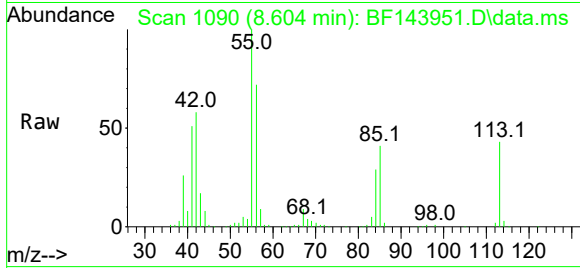




#35
 Caprolactam
 Concen: 38.51 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

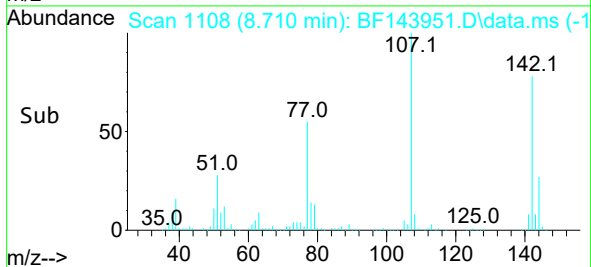
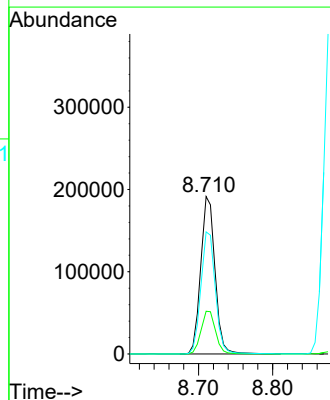
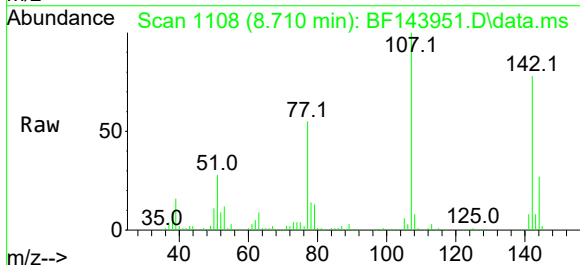
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

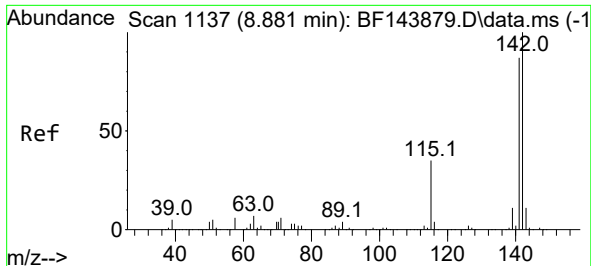
Tgt Ion:113 Resp: 86689
 Ion Ratio Lower Upper
 113 100
 55 230.3 199.6 239.6
 56 166.0 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.98 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

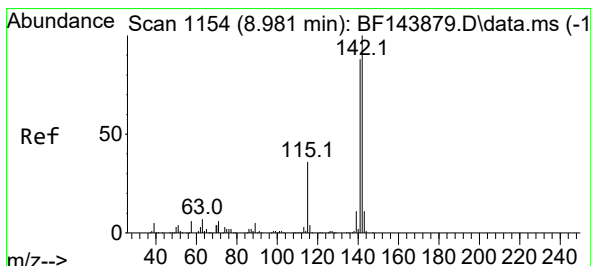
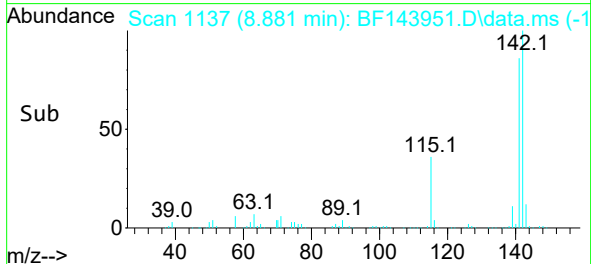
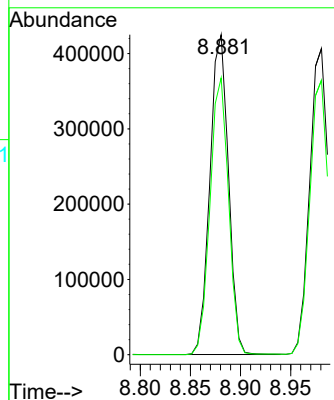
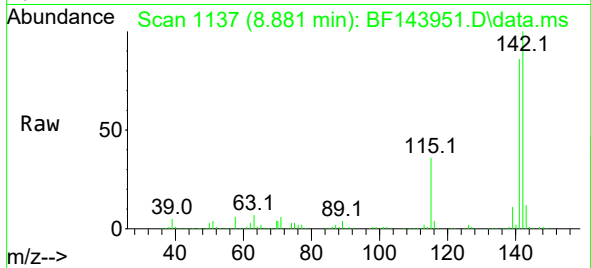




#37
2-Methylnaphthalene
Concen: 37.40 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

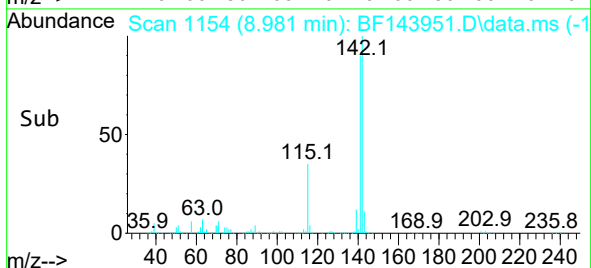
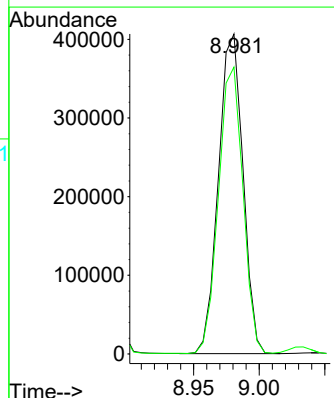
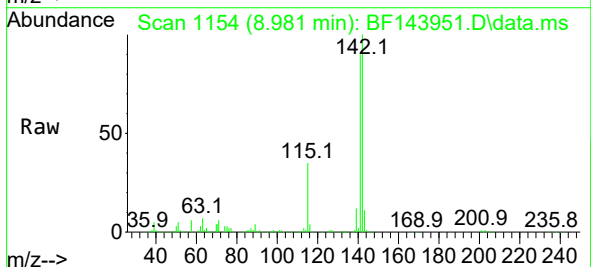
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BNA_F
ClientSampleId :
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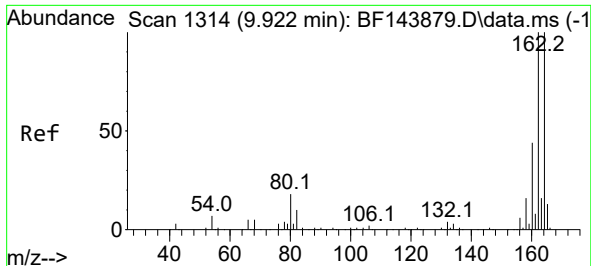
Tgt Ion:142 Resp: 546469
Ion Ratio Lower Upper
142 100
141 86.5 69.2 103.8



#38
1-Methylnaphthalene
Concen: 37.24 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

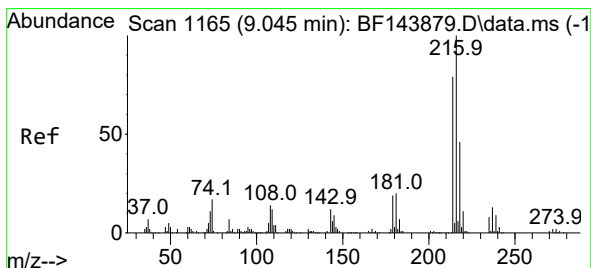
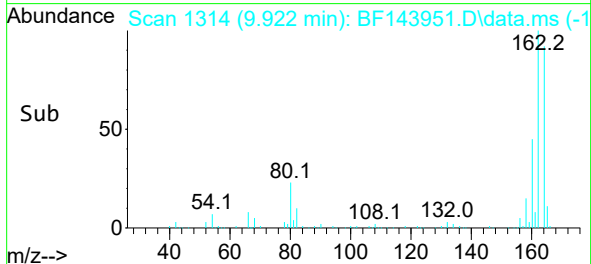
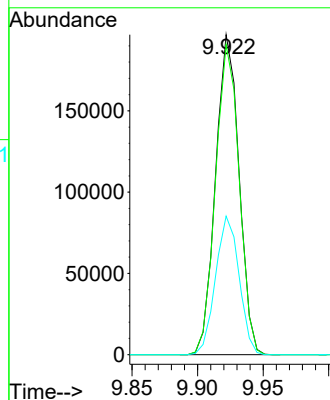
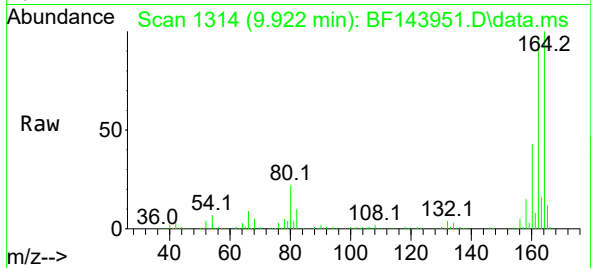




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 111
Delta R.T. -0.005 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

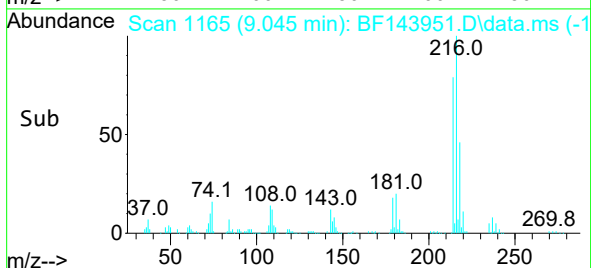
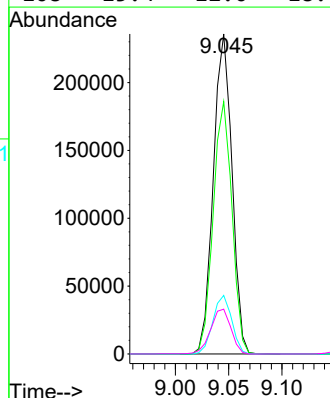
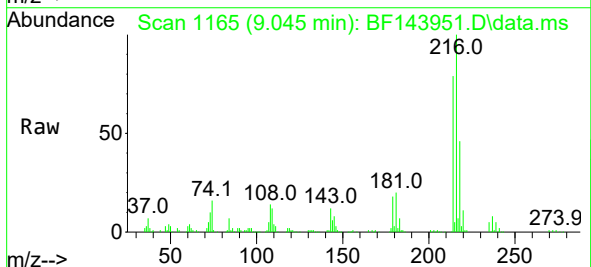
Instrument :
BNA_F
ClientSampleId :
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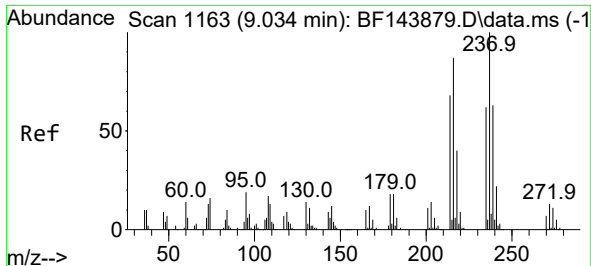
Tgt Ion:164 Resp: 244444
Ion Ratio Lower Upper
164 100
162 96.9 80.2 120.2
160 43.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.41 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

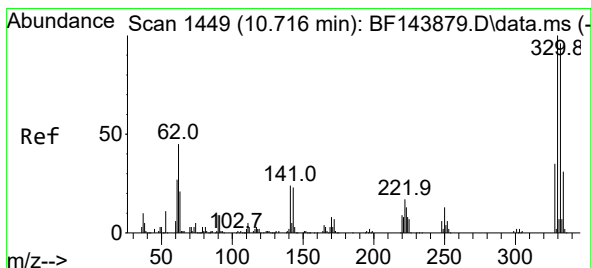
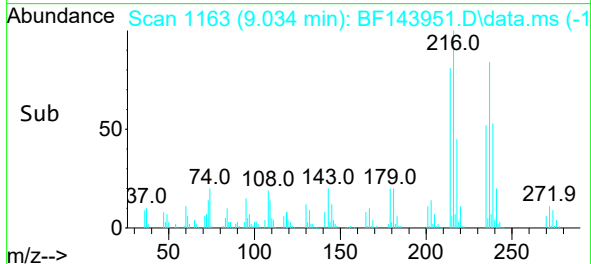
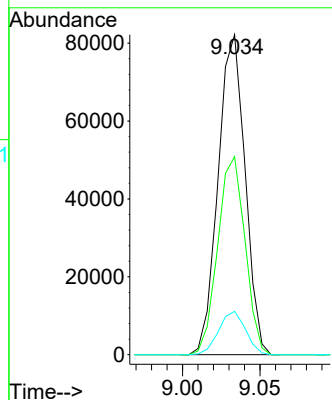
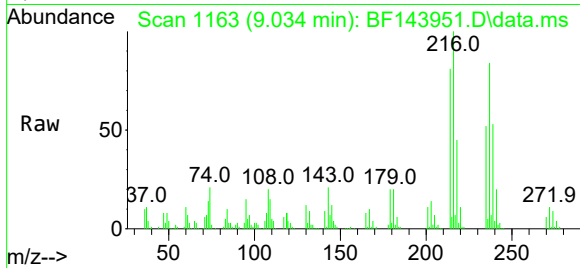




#41
Hexachlorocyclopentadiene
Concen: 35.51 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

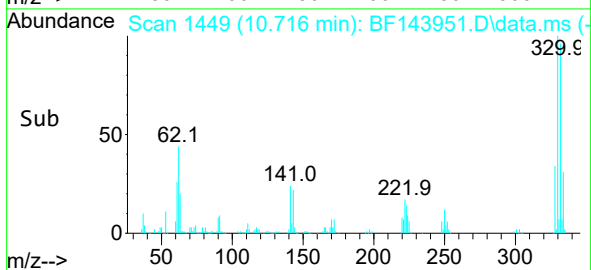
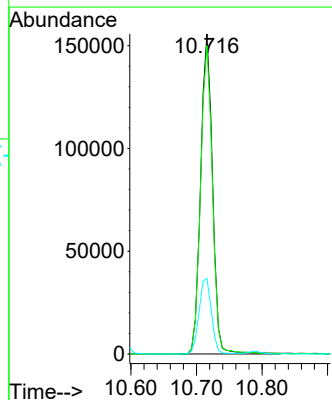
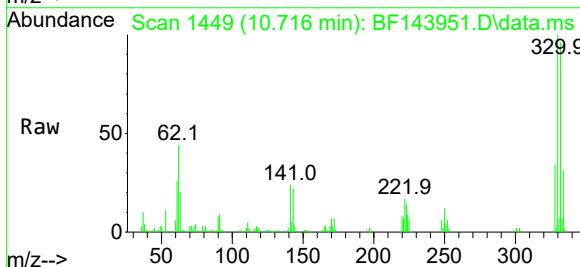
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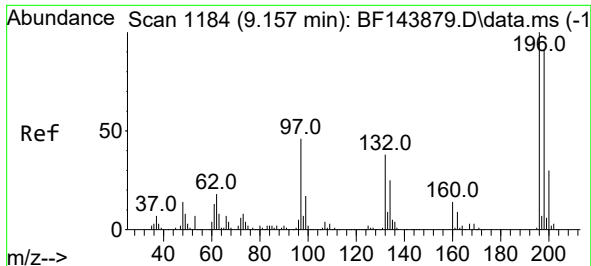
Tgt Ion:237 Resp: 99519
Ion Ratio Lower Upper
237 100
235 61.9 42.3 82.3
272 13.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 80.54 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

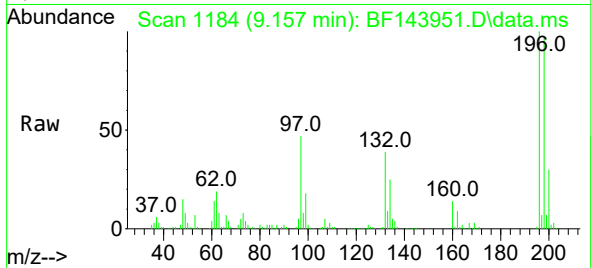
Tgt Ion:330 Resp: 196080
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 24.8 20.2 30.4



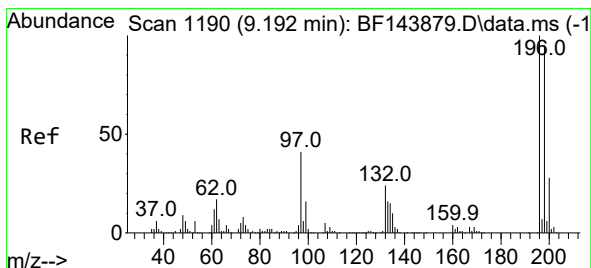
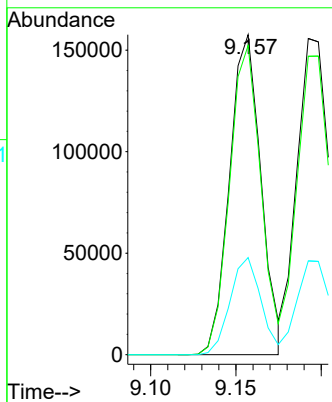
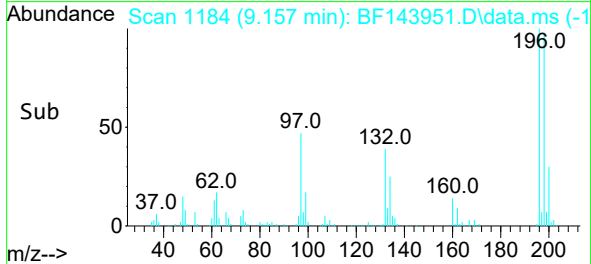


#43
2,4,6-Trichlorophenol
Concen: 41.00 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

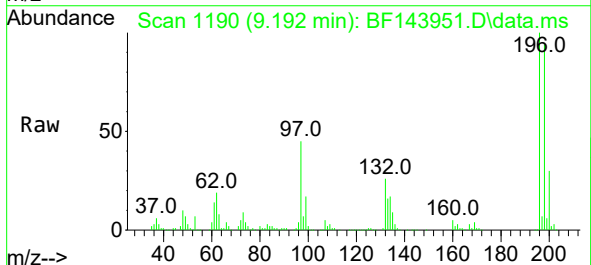
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ClientSampleId :
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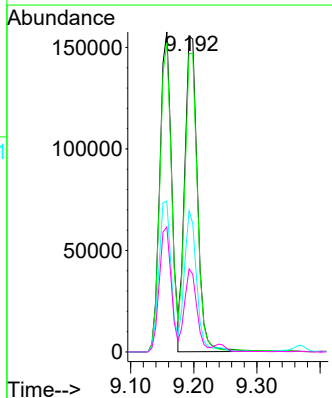
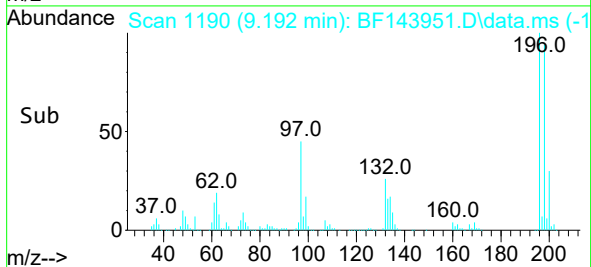
Tgt Ion:196 Resp: 202402
Ion Ratio Lower Upper
196 100
198 96.6 72.8 109.2
200 30.3 24.0 36.0

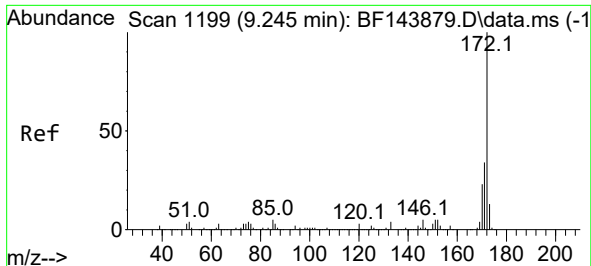


#44
2,4,5-Trichlorophenol
Concen: 41.83 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33



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

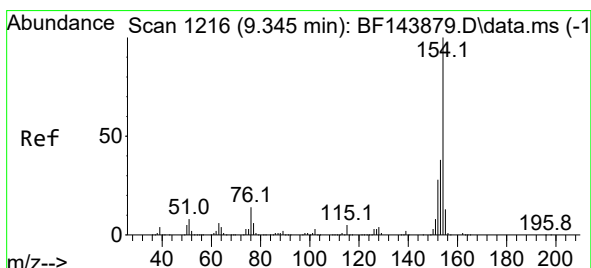
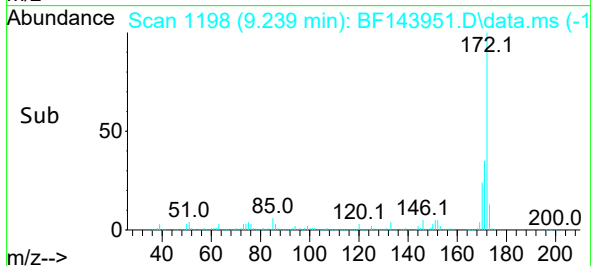
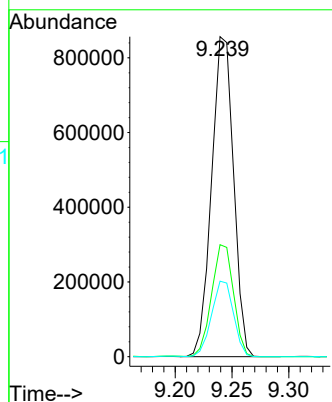
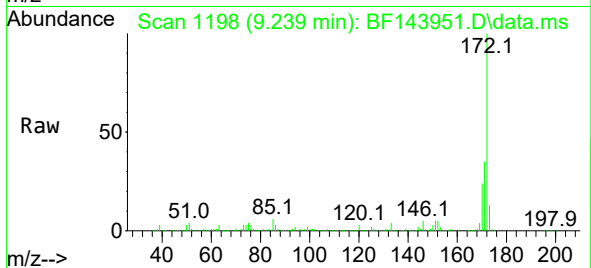




#45
2-Fluorobiphenyl
Concen: 74.80 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

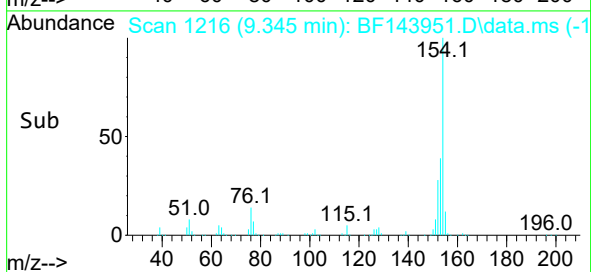
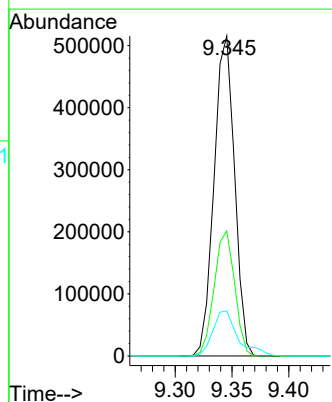
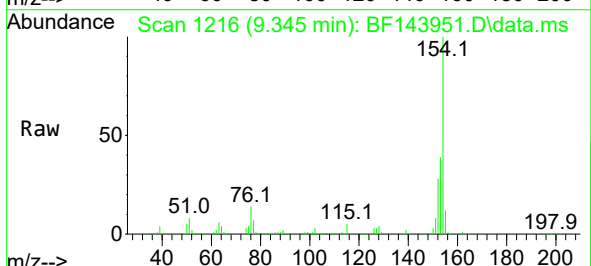
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ClientSampleId :
SSTDCCC040

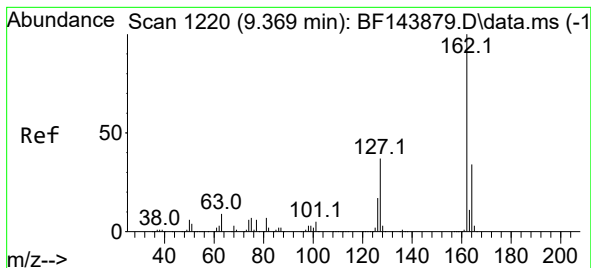
Tgt Ion:172 Resp: 1152310
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.00 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: 40.16 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

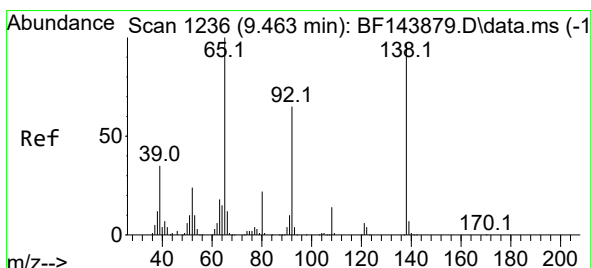
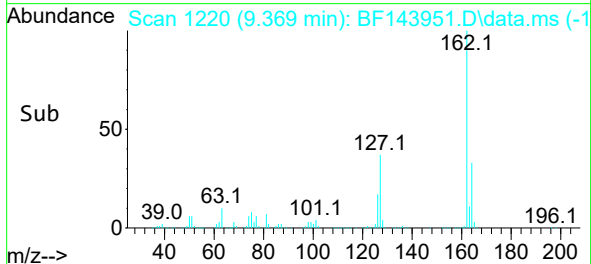
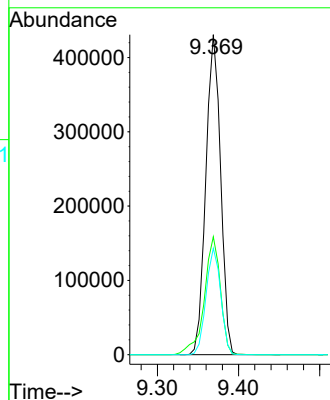
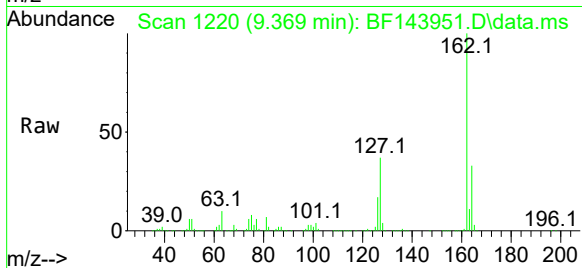
Tgt Ion:162 Resp: 541940

Ion Ratio Lower Upper

162 100

127 36.8 30.2 45.2

164 33.3 26.9 40.3



#48

2-Nitroaniline

Concen: 45.41 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

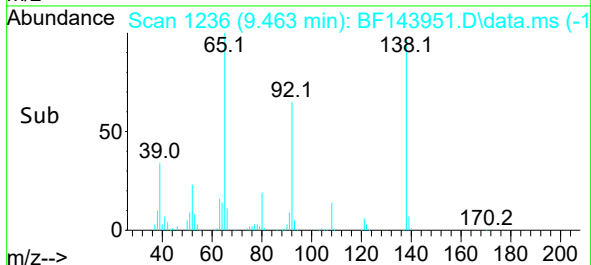
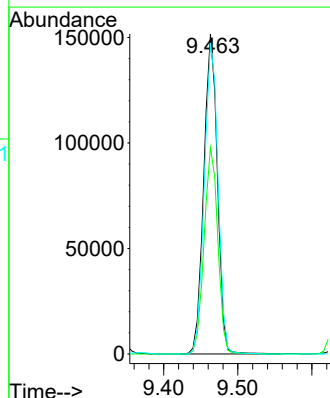
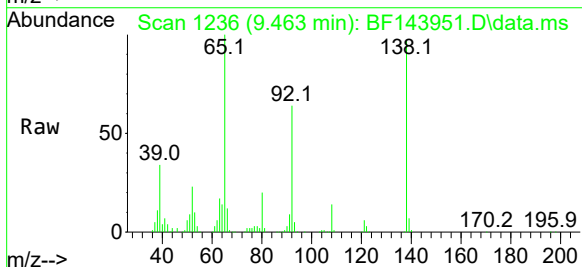
Tgt Ion: 65 Resp: 193716

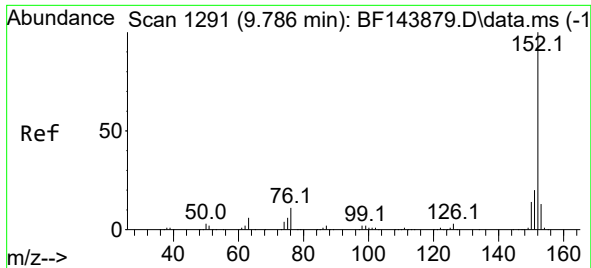
Ion Ratio Lower Upper

65 100

92 64.5 52.1 78.1

138 97.1 77.4 116.2

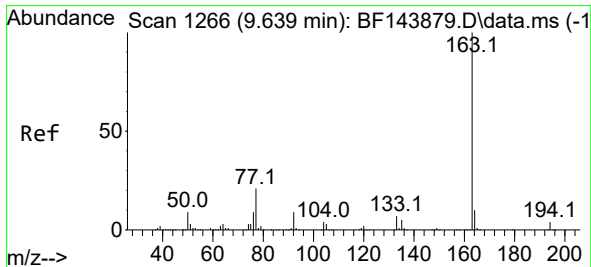
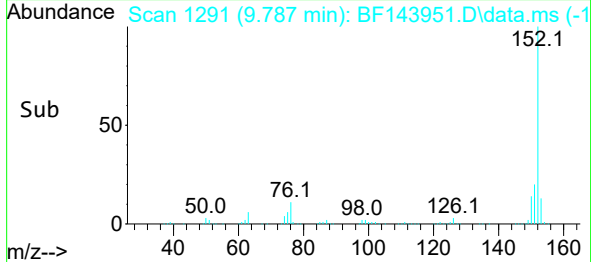
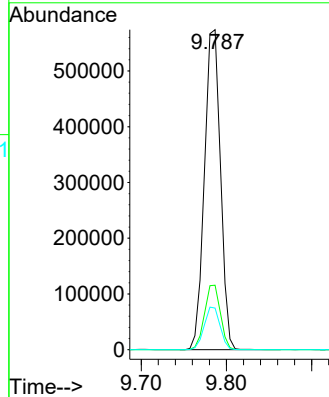
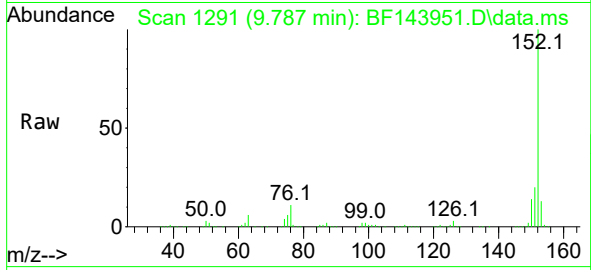




#49
Acenaphthylene
Concen: 39.65 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

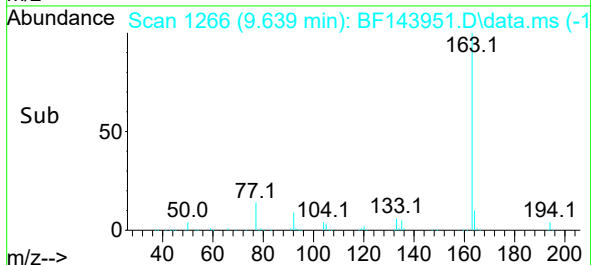
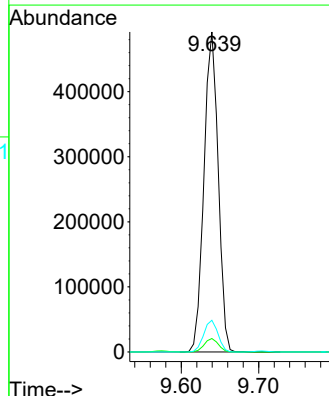
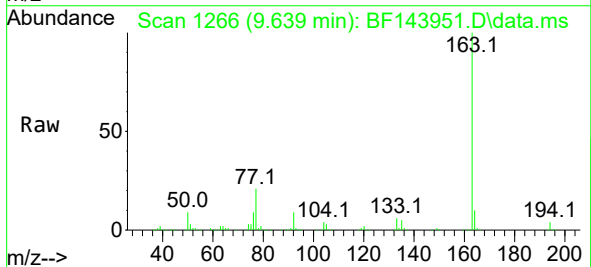
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

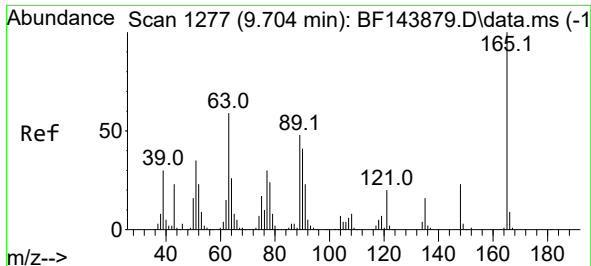
Tgt Ion:152 Resp: 752209
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 40.41 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

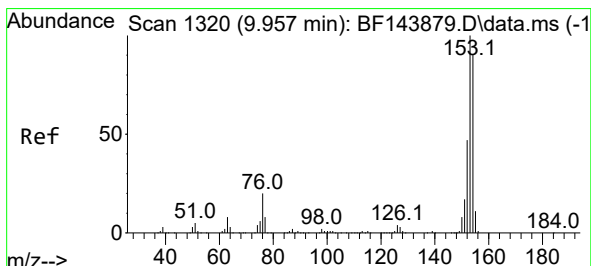
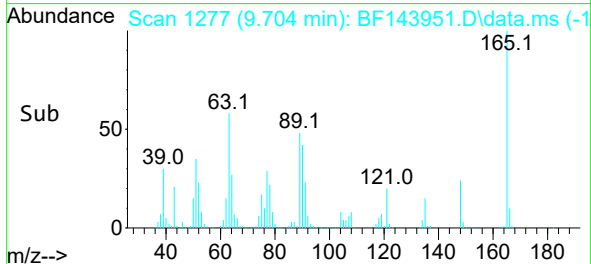
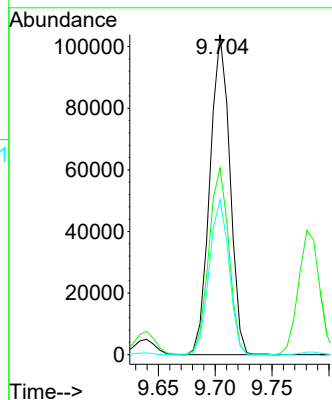
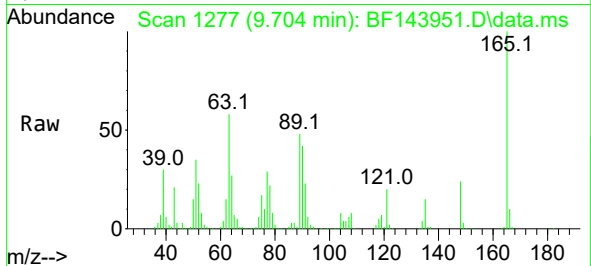




#51
2,6-Dinitrotoluene
Concen: 44.12 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

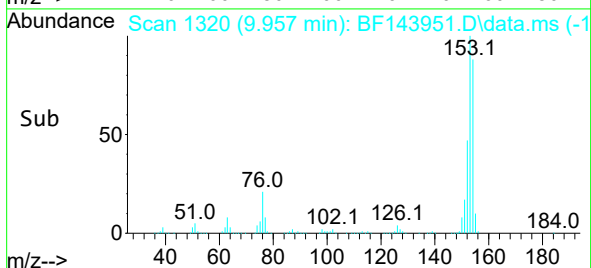
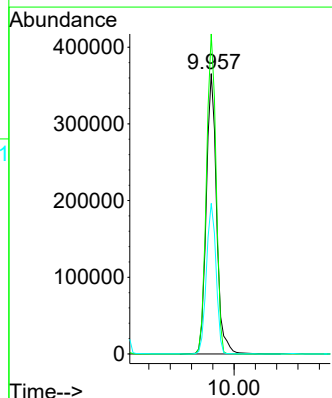
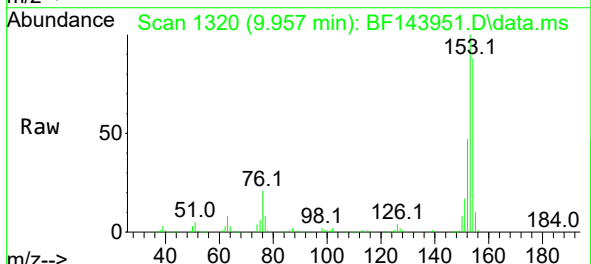
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

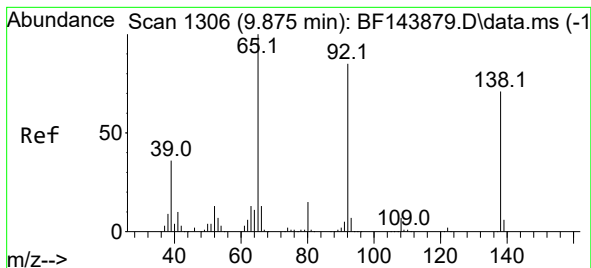
Tgt Ion:165 Resp: 126997
Ion Ratio Lower Upper
165 100
63 58.4 47.3 70.9
89 48.5 38.2 57.4



#52
Acenaphthene
Concen: 39.24 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: 42.93 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

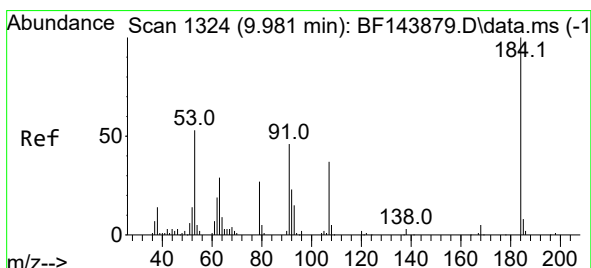
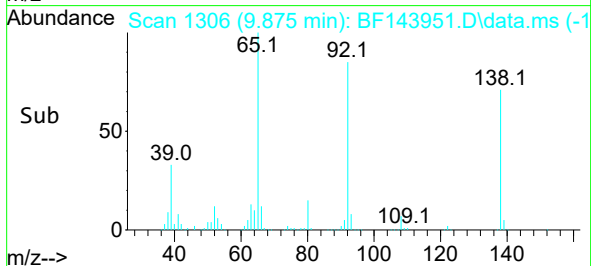
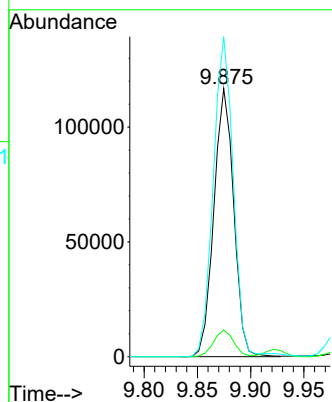
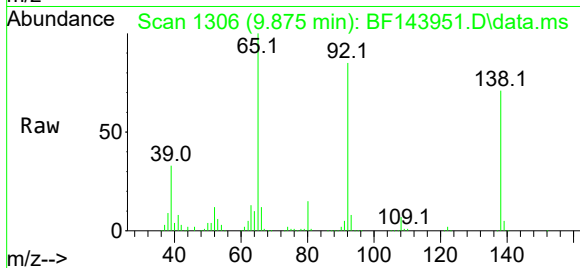
Tgt Ion:138 Resp: 151320

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: 37.29 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

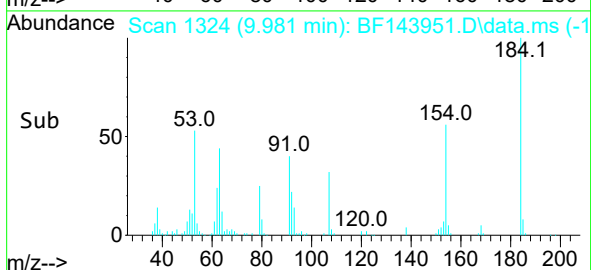
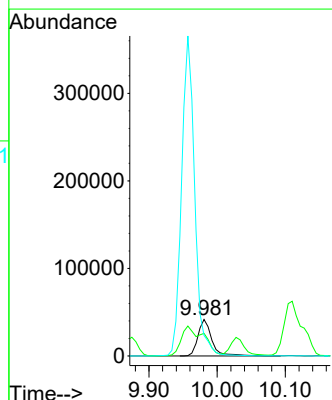
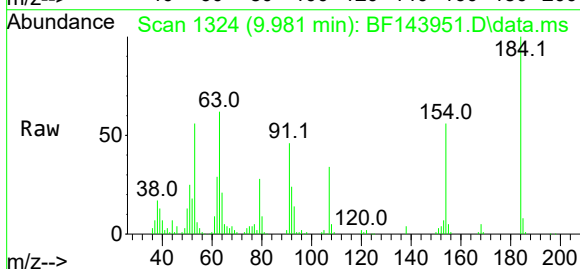
Tgt Ion:184 Resp: 59009

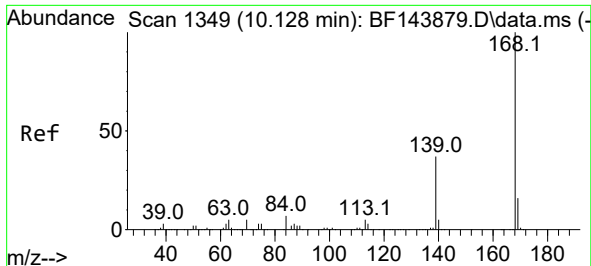
Ion Ratio Lower Upper

184 100

63 61.7 48.2 72.4

154 56.0 49.2 73.8

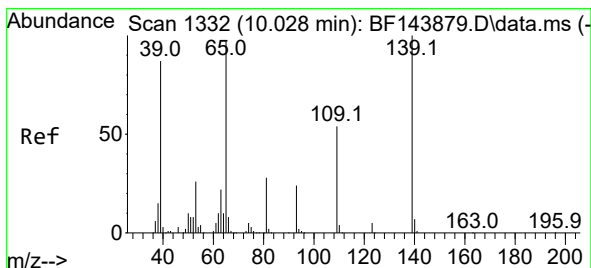
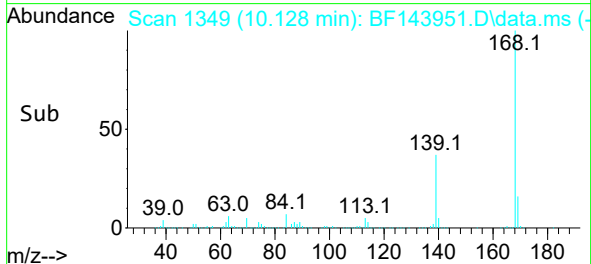
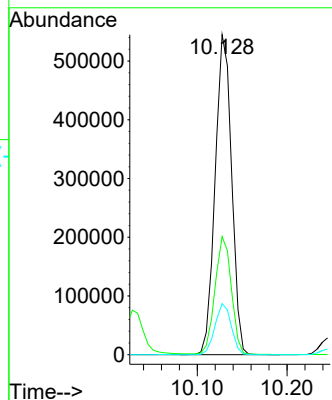
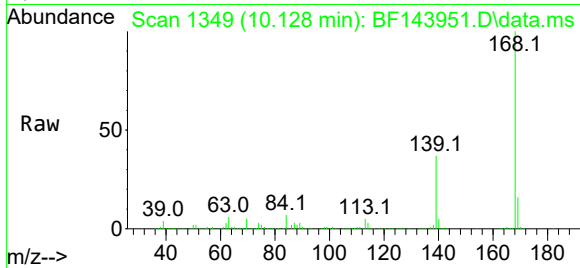




#55
Dibenzenofuran
Concen: 39.52 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

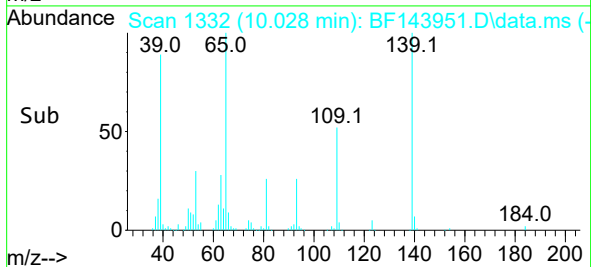
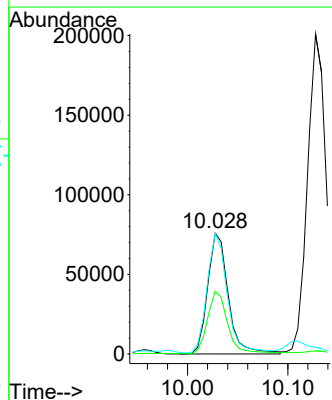
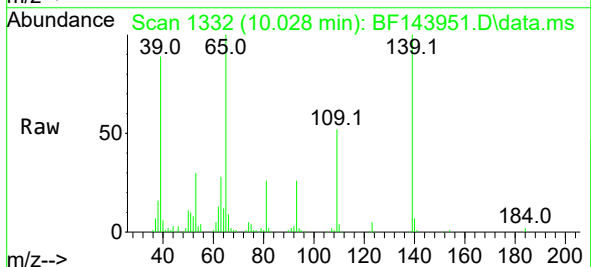
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

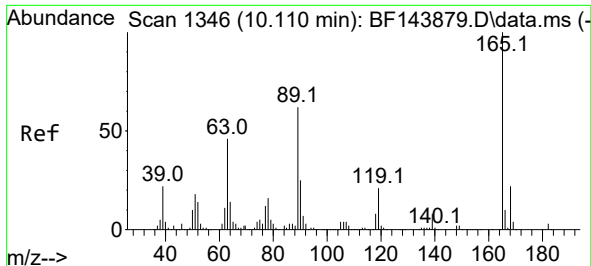
Tgt Ion:168 Resp: 693521
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 15.9 12.8 19.2



#56
4-Nitrophenol
Concen: 40.49 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

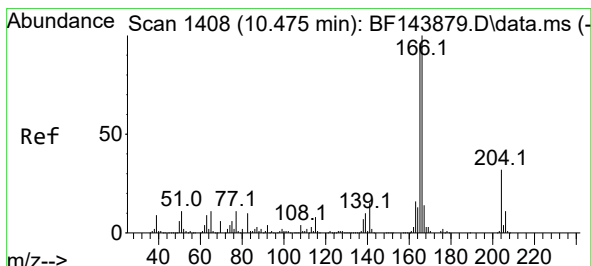
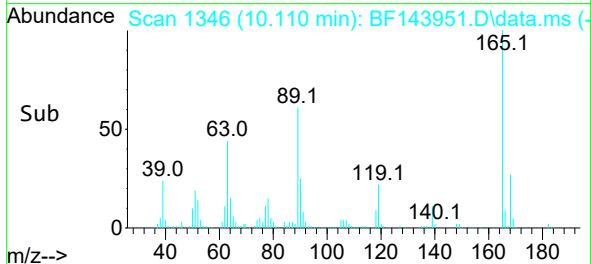
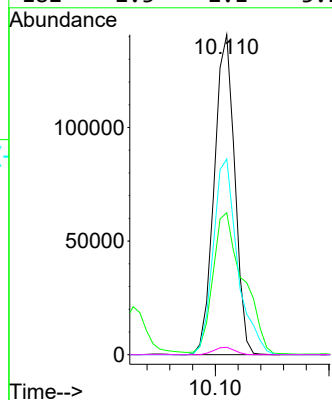
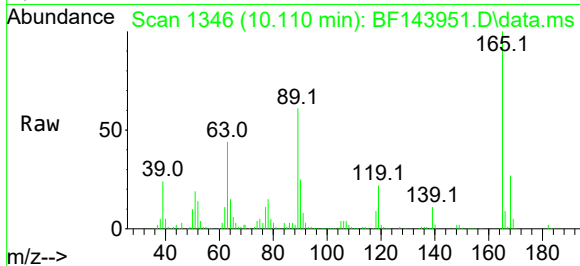




#57
2,4-Dinitrotoluene
Concen: 45.07 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

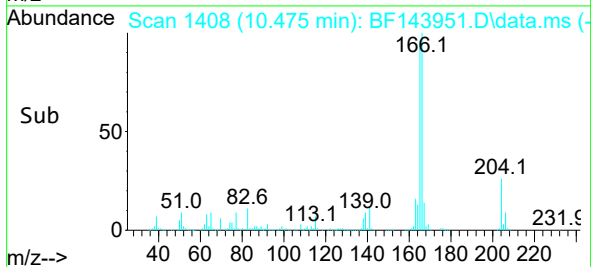
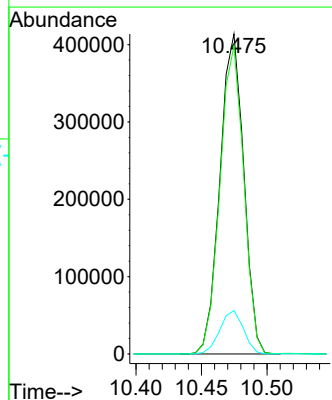
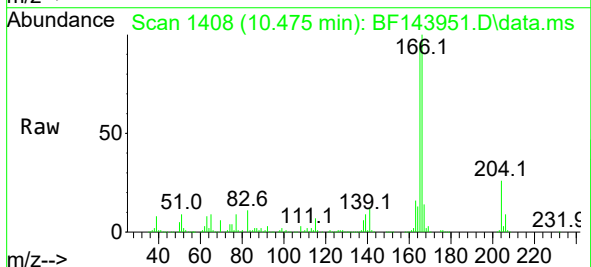
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

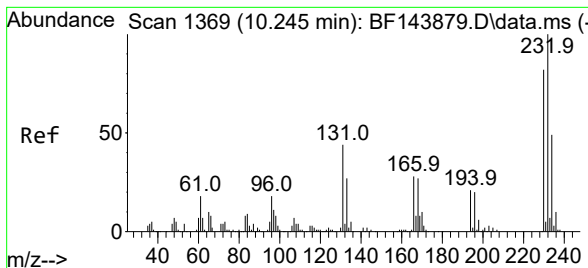
Tgt Ion:165 Resp: 176514
Ion Ratio Lower Upper
165 100
63 44.3 37.2 55.8
89 61.2 49.4 74.2
182 2.3 2.1 3.1



#58
Fluorene
Concen: 39.37 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

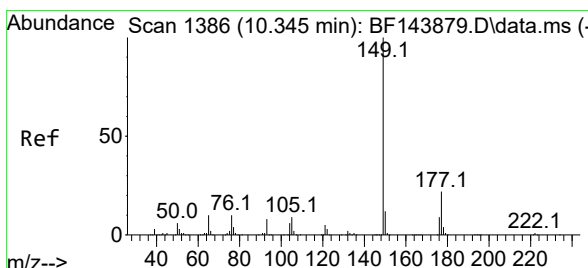
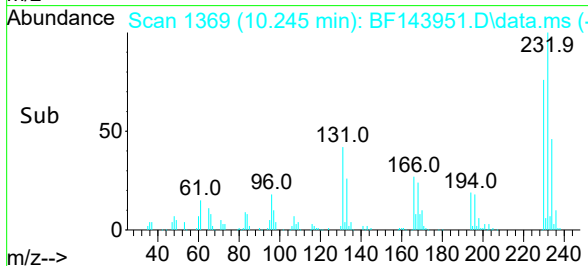
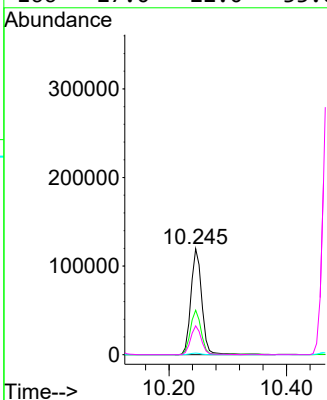
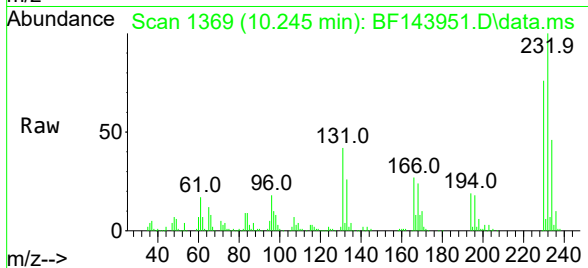




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.84 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

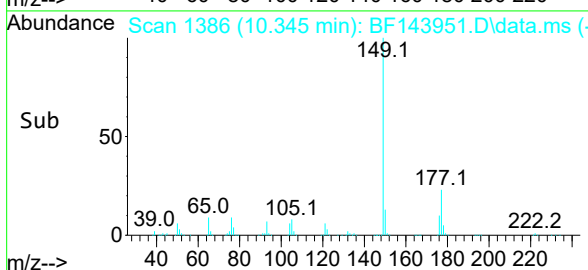
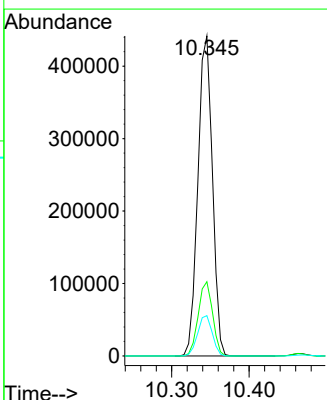
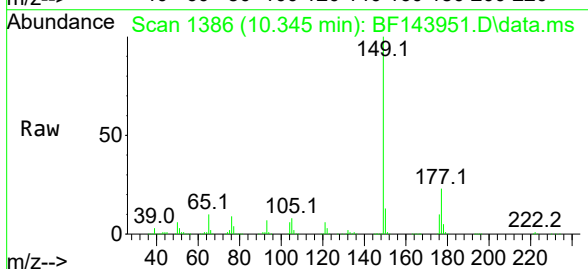
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

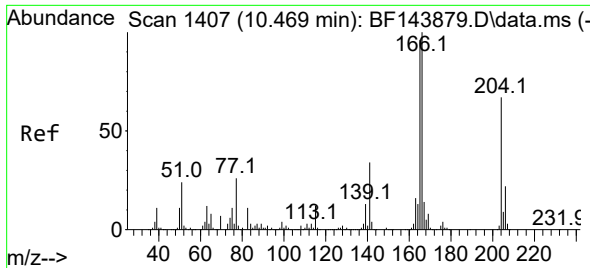
Tgt Ion:232 Resp: 154500
Ion Ratio Lower Upper
232 100
131 41.9 34.9 52.3
130 1.5 1.6 2.4#
166 27.0 22.0 33.0



#60
Diethylphthalate
Concen: 39.80 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

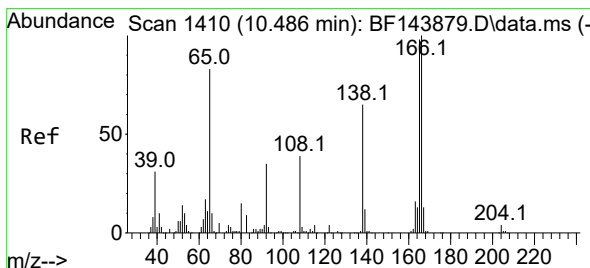
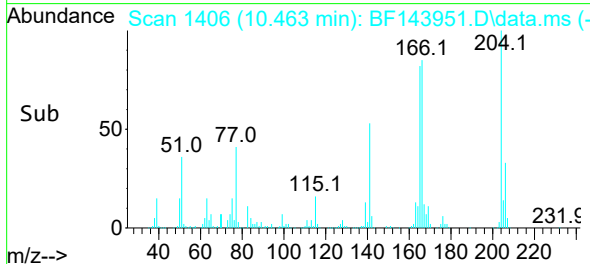
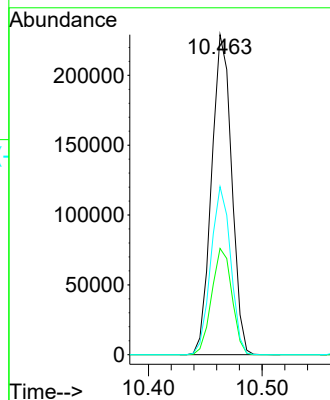
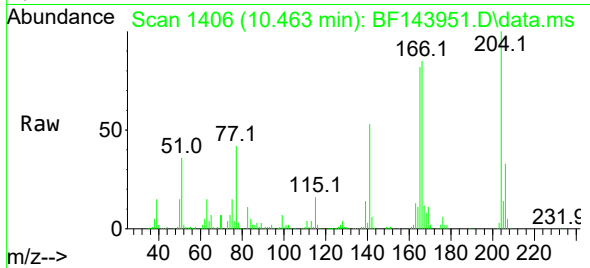




#61
4-Chlorophenyl-phenylether
Concen: 40.24 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

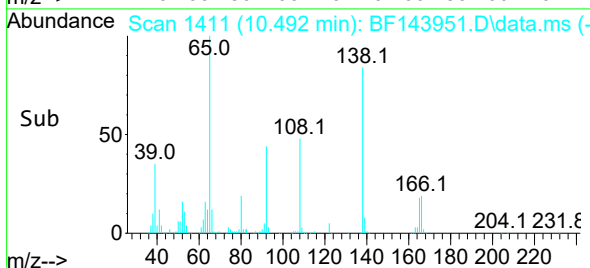
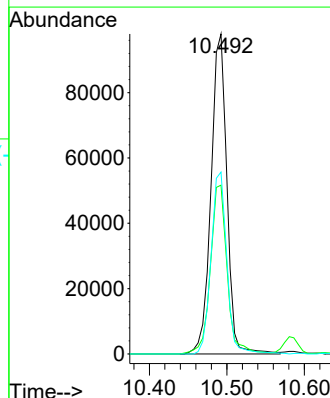
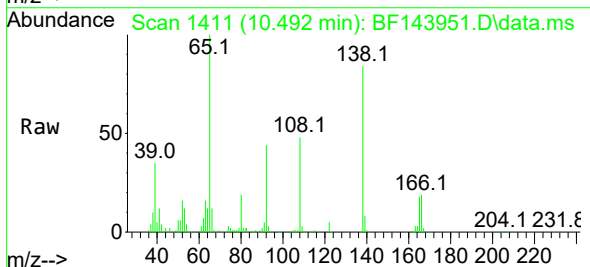
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

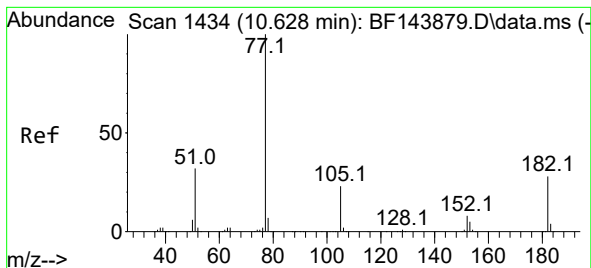
Tgt Ion:204 Resp: 281670
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 52.5 40.4 60.6



#62
4-Nitroaniline
Concen: 41.16 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: 40.64 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

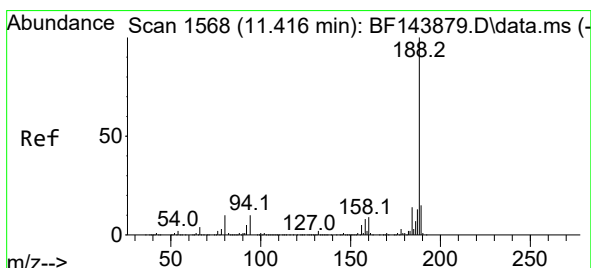
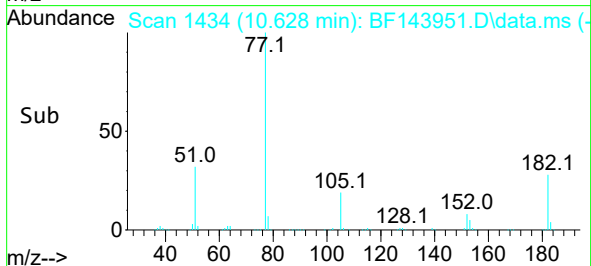
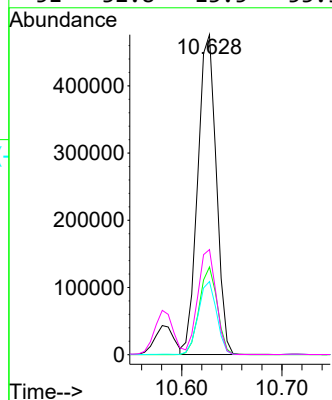
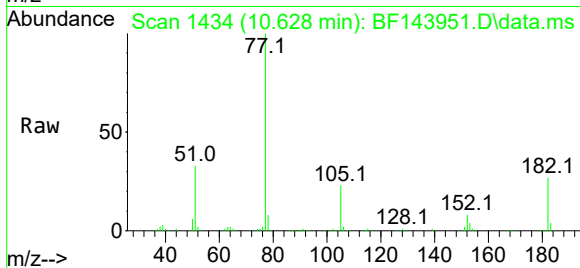
Ion Ratio Lower Upper

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: 20.00 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

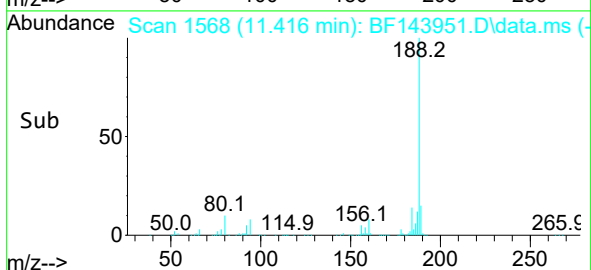
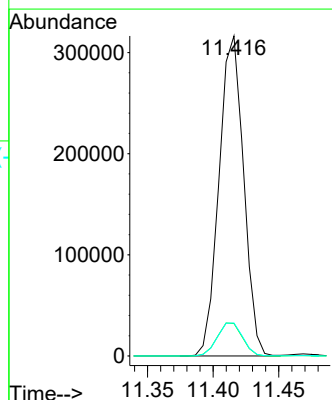
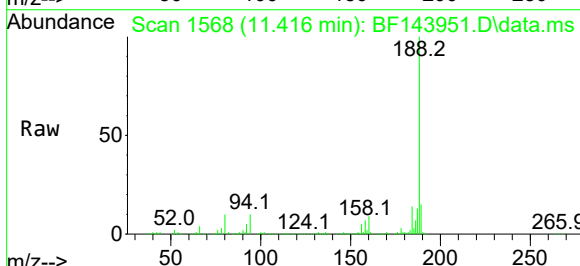
Tgt Ion:188 Resp: 412442

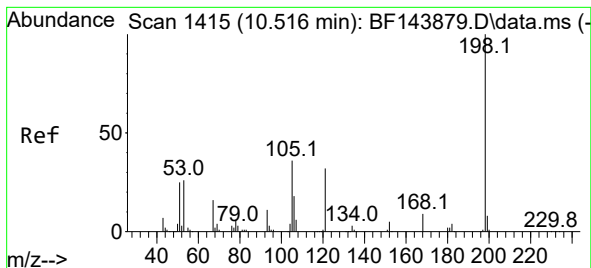
Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 10.3 7.9 11.9

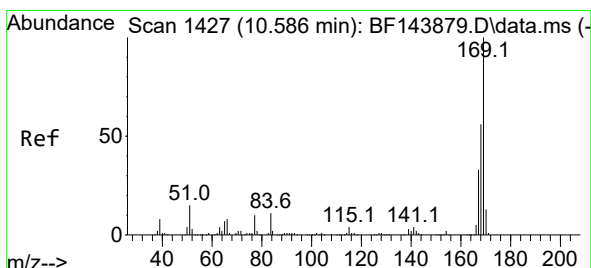
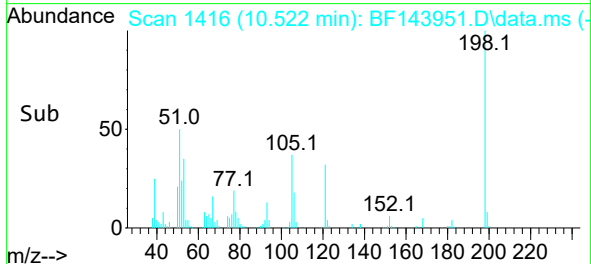
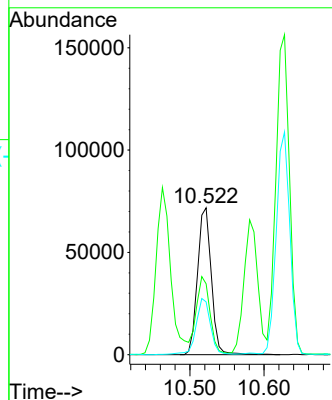
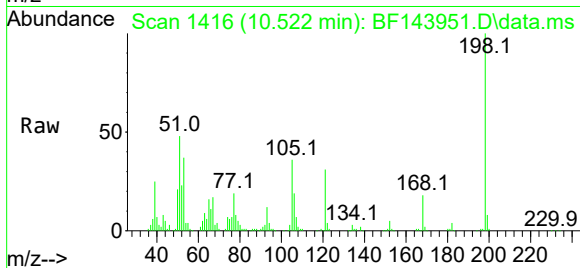




#65
4,6-Dinitro-2-methylphenol
Concen: 44.92 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

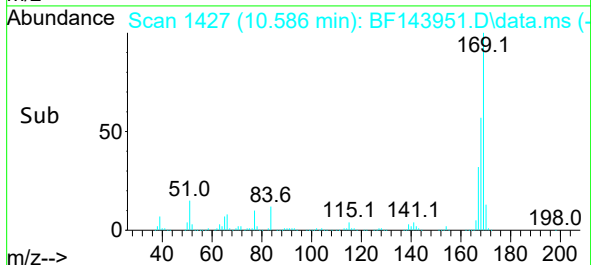
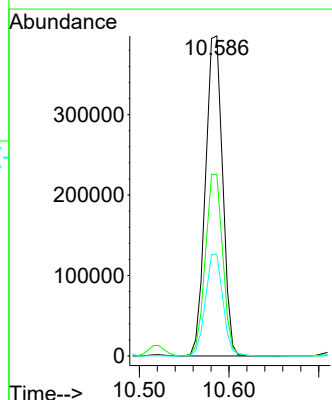
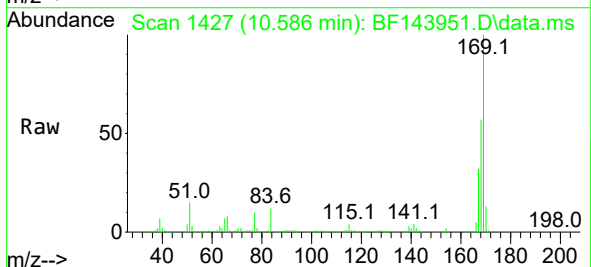
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

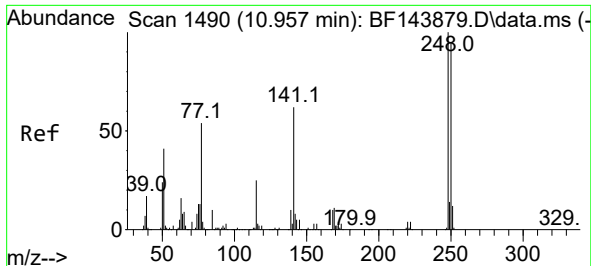
Tgt Ion:198 Resp: 93100
Ion Ratio Lower Upper
198 100
51 48.3 33.8 73.8
105 36.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.70 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

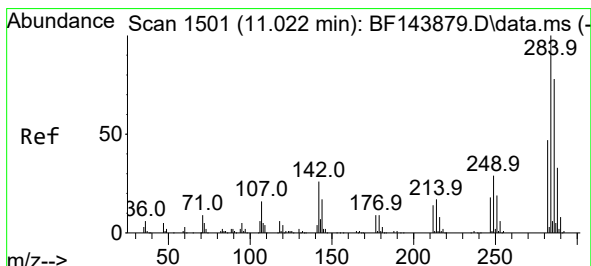
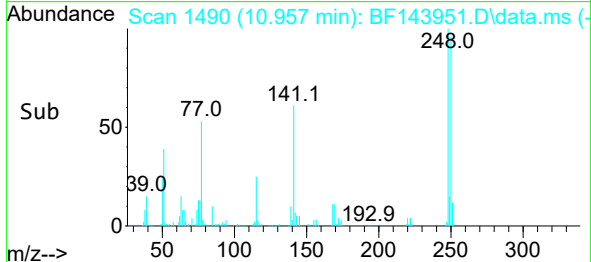
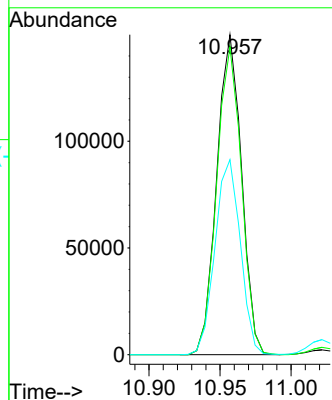
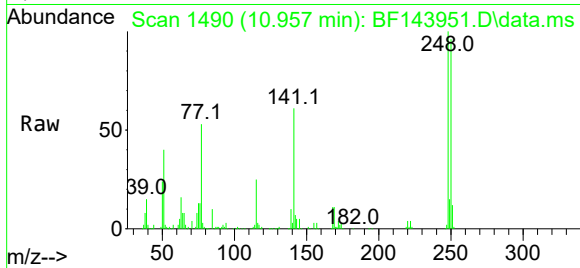




#67
4-Bromophenyl-phenylether
Concen: 39.89 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

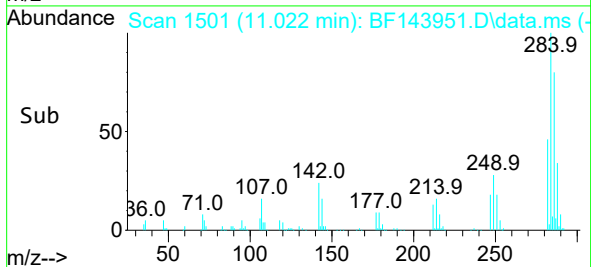
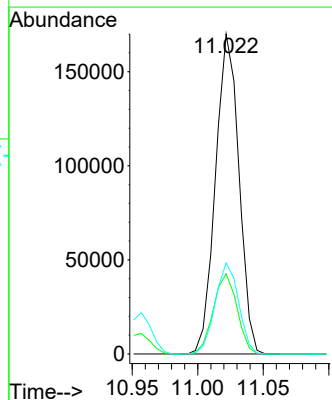
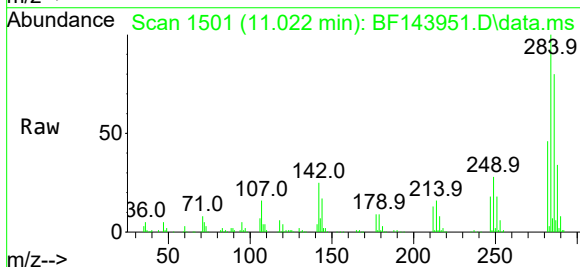
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

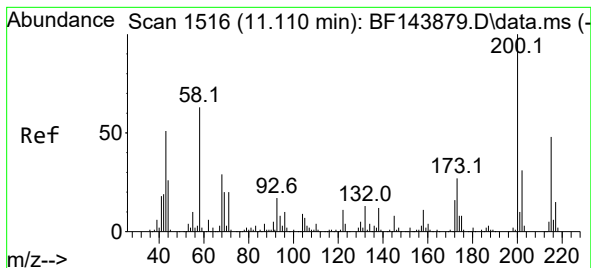
Tgt Ion:248 Resp: 181806
Ion Ratio Lower Upper
248 100
250 96.1 76.3 114.5
141 60.9 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.02 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: 39.38 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

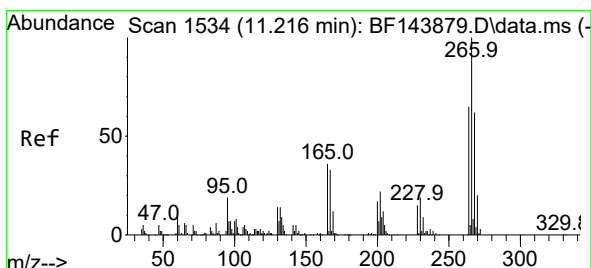
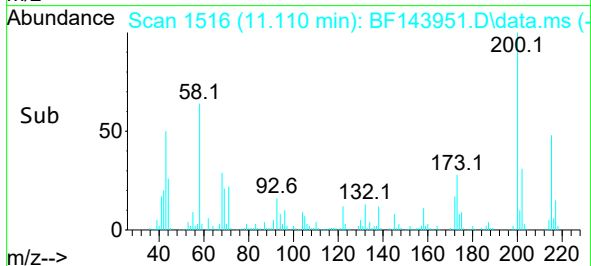
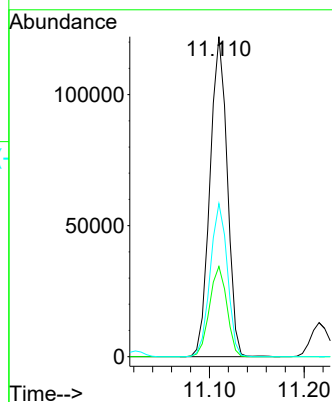
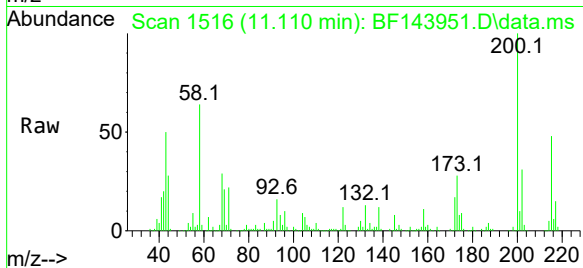
Tgt Ion:200 Resp: 154583

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

215 47.8 27.8 67.8



#70

Pentachlorophenol

Concen: 37.11 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

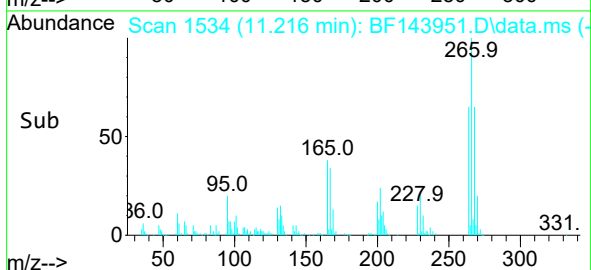
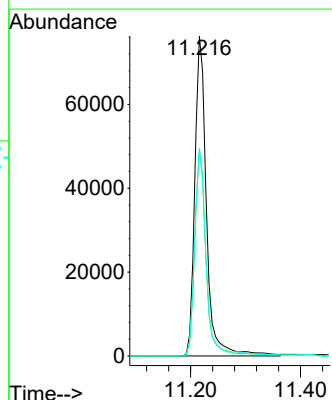
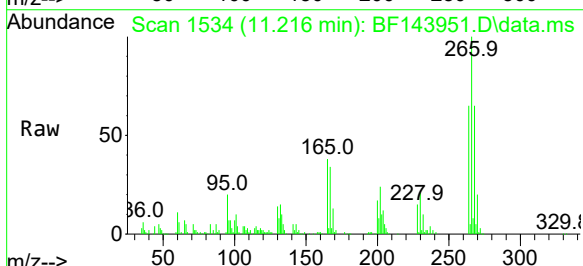
Tgt Ion:266 Resp: 112456

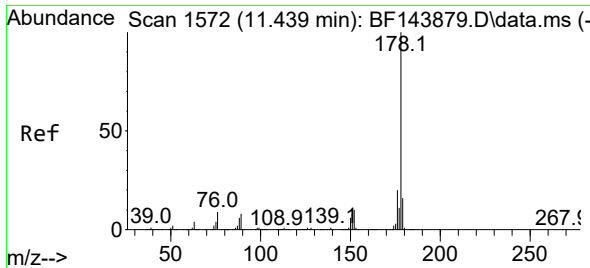
Ion Ratio Lower Upper

266 100

268 64.6 49.4 74.0

264 64.9 51.8 77.6

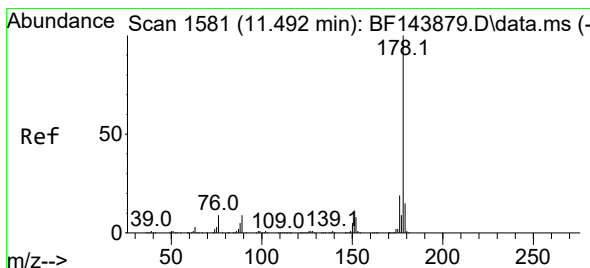
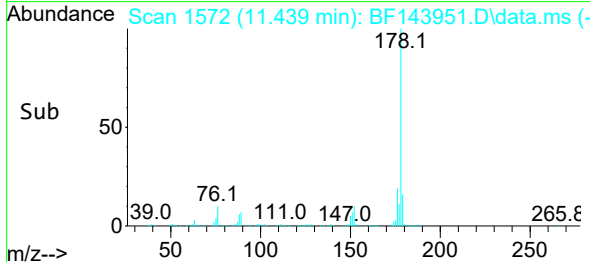
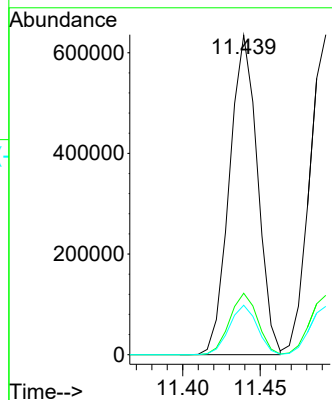
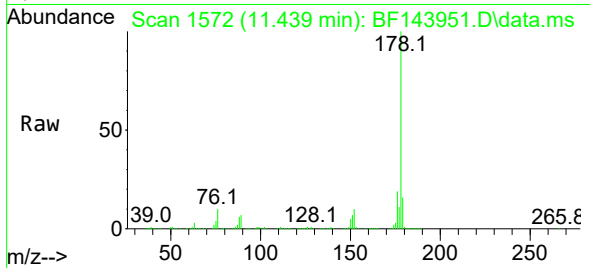




#71
Phenanthrene
Concen: 39.92 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

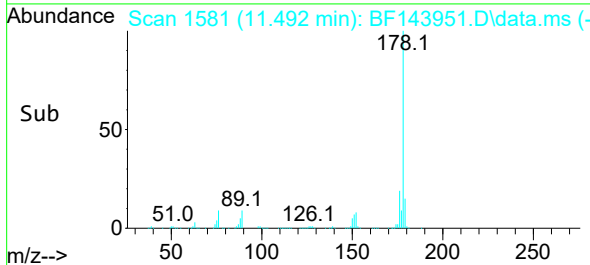
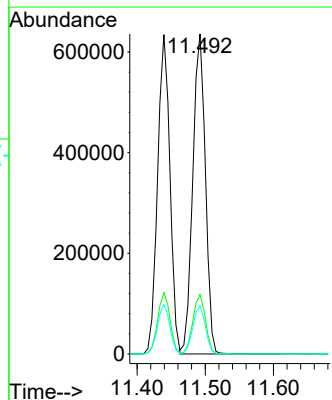
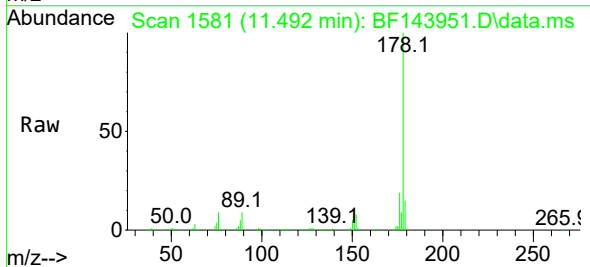
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

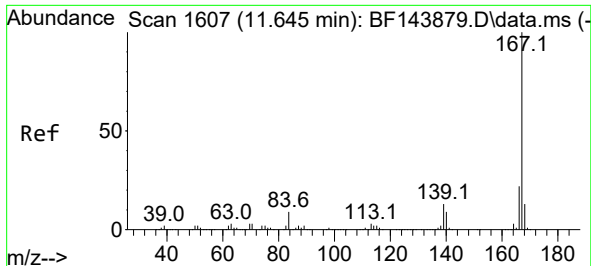
Tgt Ion:178 Resp: 798219
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.21 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

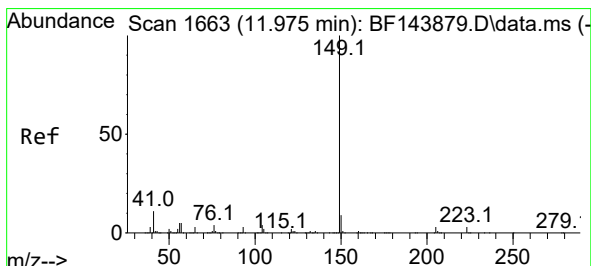
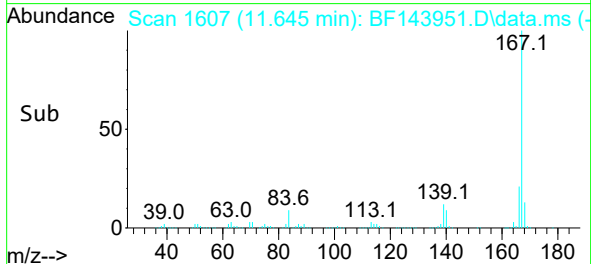
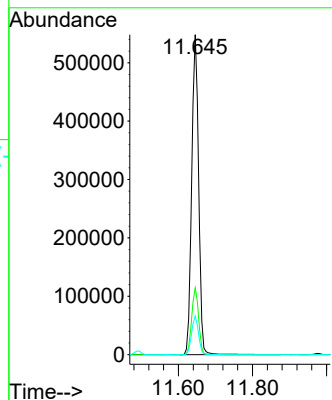
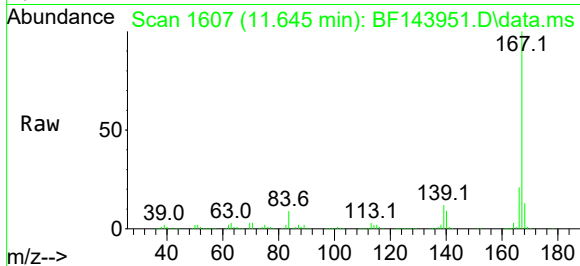




#73
 Carbazole
 Concen: 39.63 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

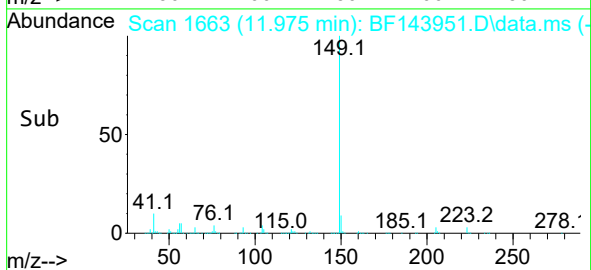
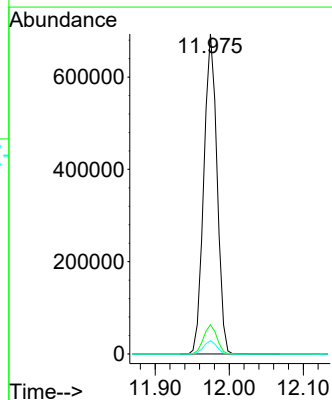
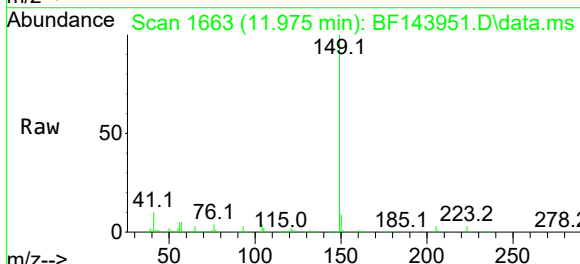
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

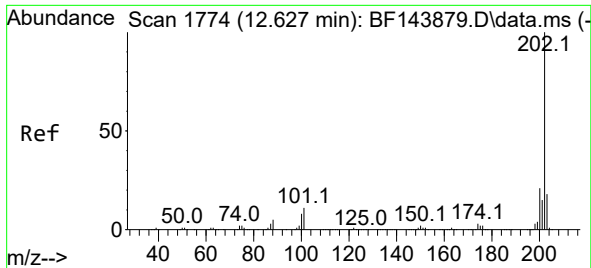
Tgt Ion:167 Resp: 708926
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.41 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

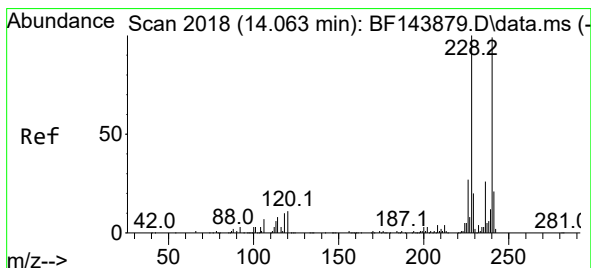
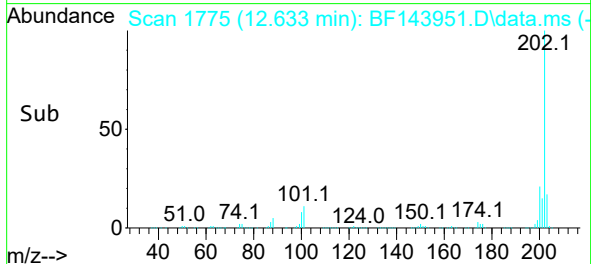
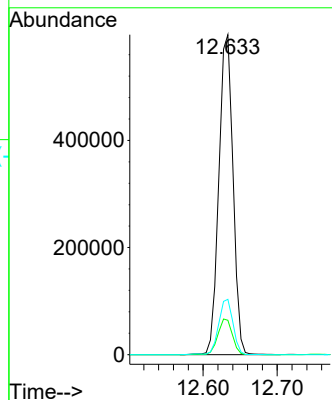
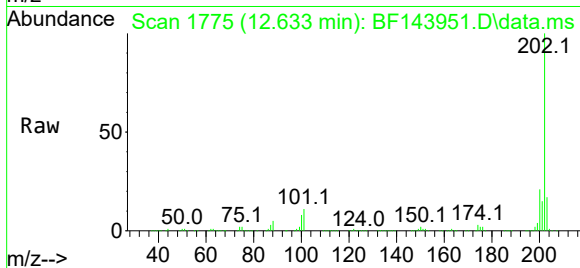




#75
Fluoranthene
Concen: 38.42 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

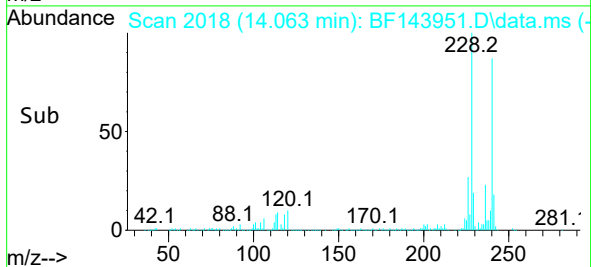
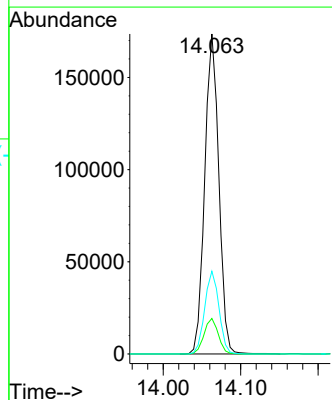
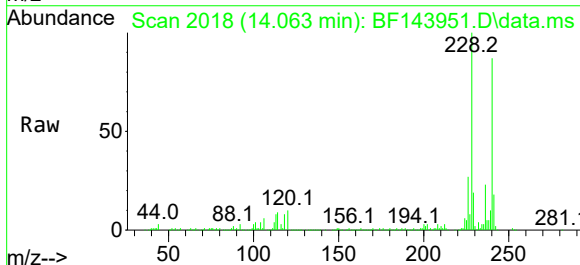
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

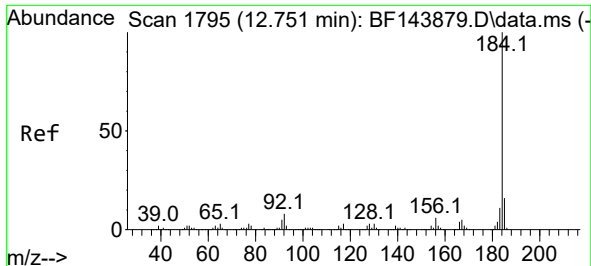
Tgt Ion:202 Resp: 793565
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2018
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

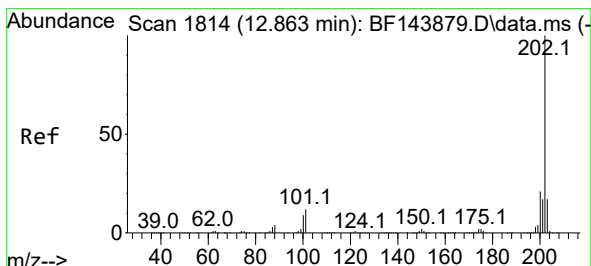
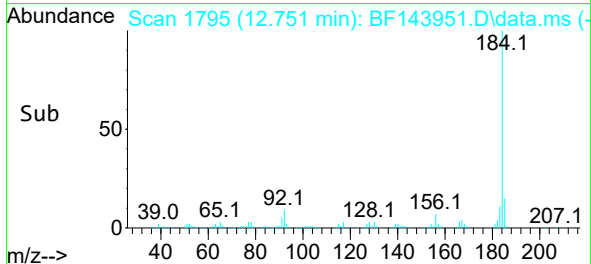
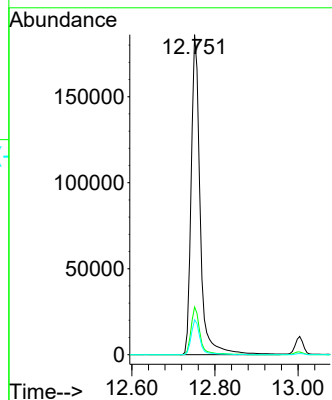
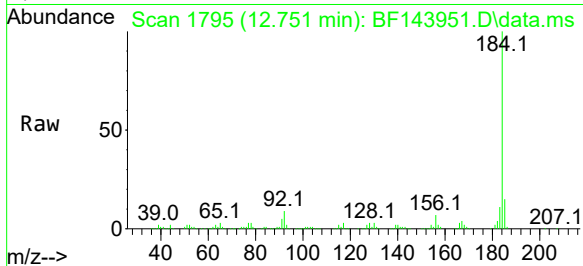




#77
Benzidine
Concen: 36.81 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

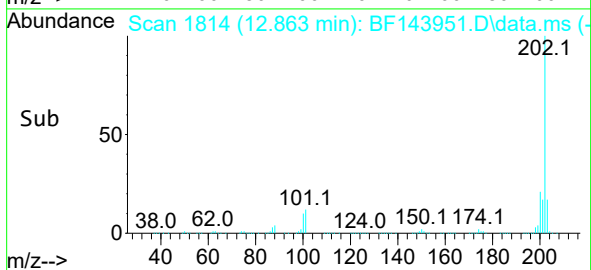
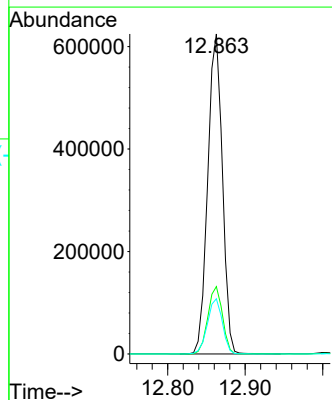
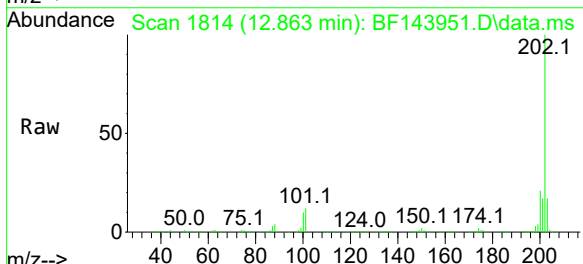
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

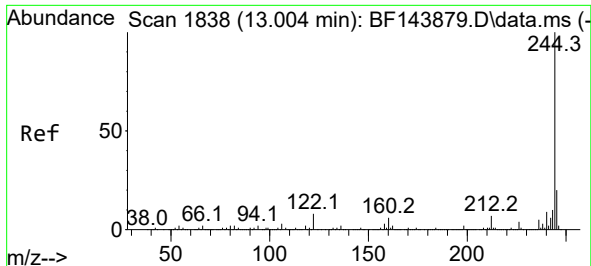
Tgt Ion:184 Resp: 279680
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 10.9 8.8 13.2



#78
Pyrene
Concen: 44.89 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

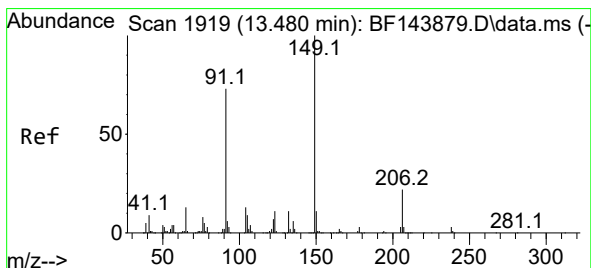
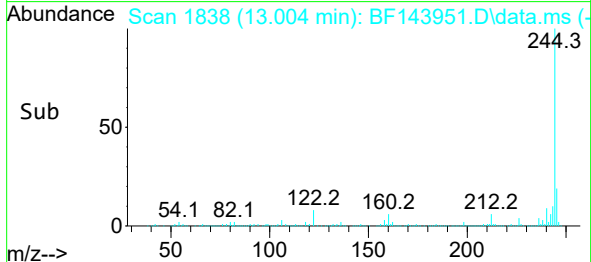
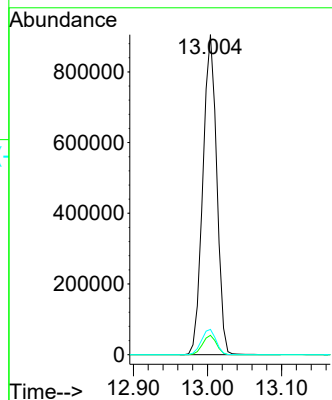
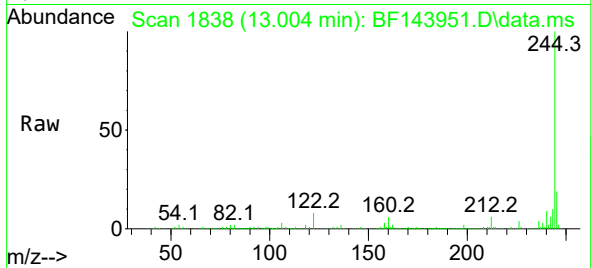




#79
 Terphenyl-d14
 Concen: 91.84 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143951.D
 Acq: 15 Oct 2025 14:33

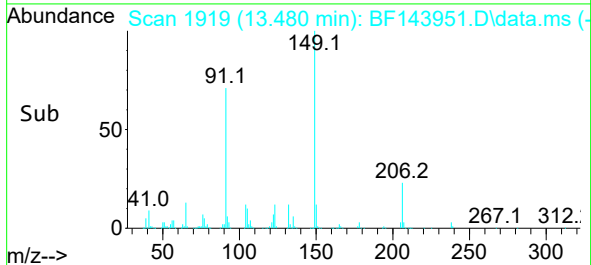
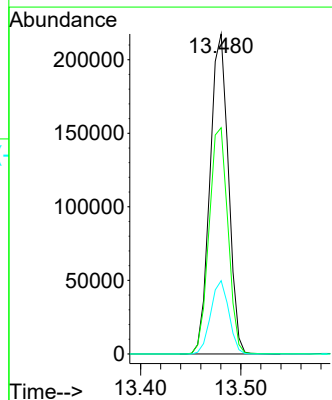
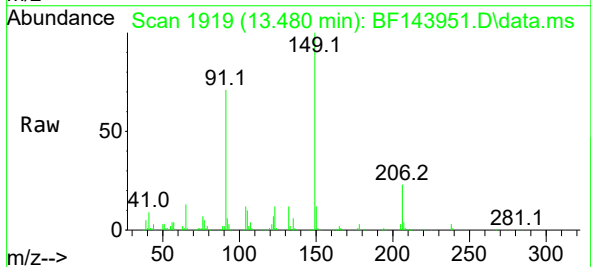
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

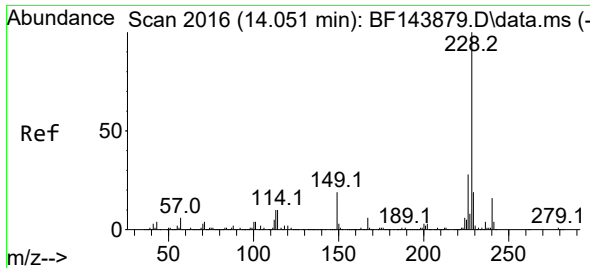
Tgt Ion:244 Resp: 1175950
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 7.9 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 46.75 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

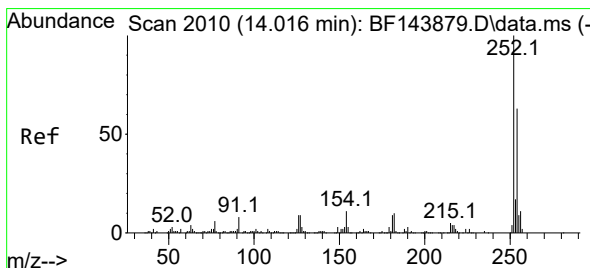
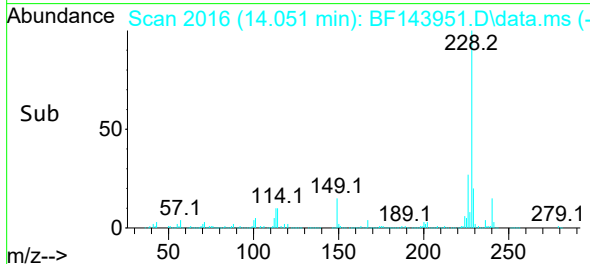
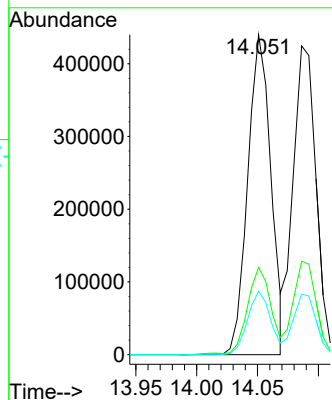
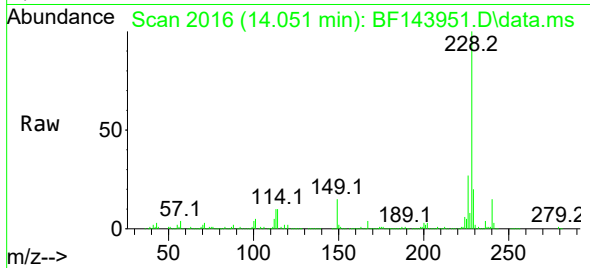




#81
Benzo(a)anthracene
Concen: 40.73 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

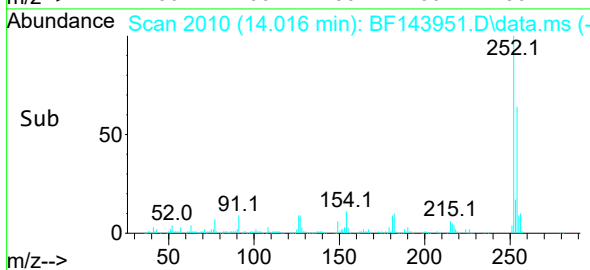
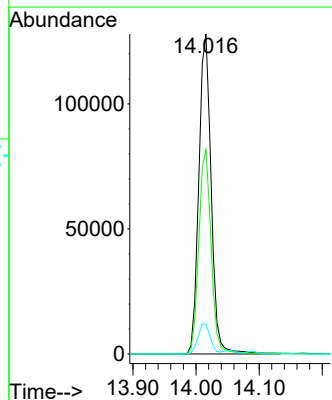
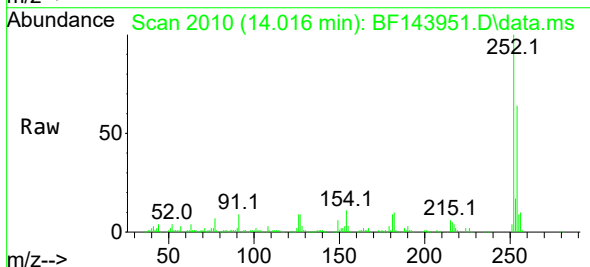
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

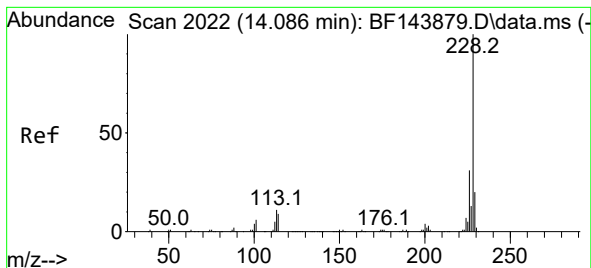
Tgt Ion:228 Resp: 583301
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.81 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: 41.93 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

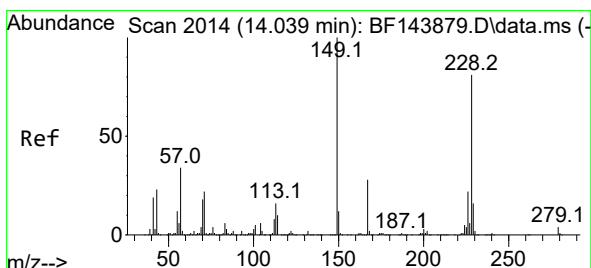
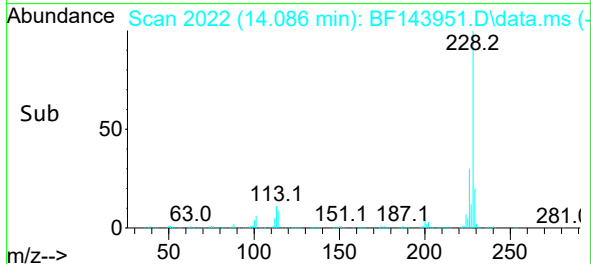
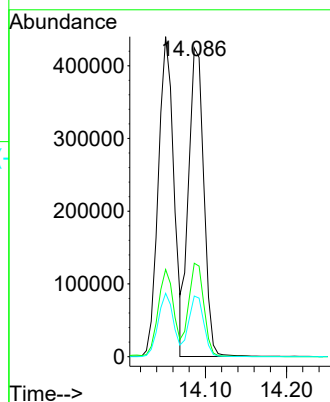
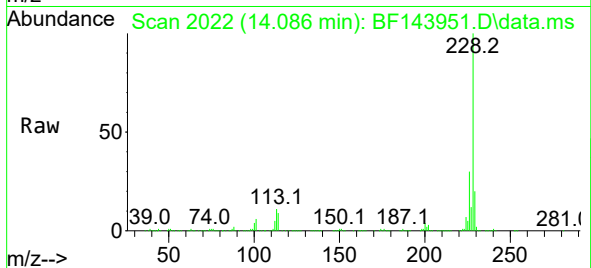
Tgt Ion:228 Resp: 555760

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: 44.70 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

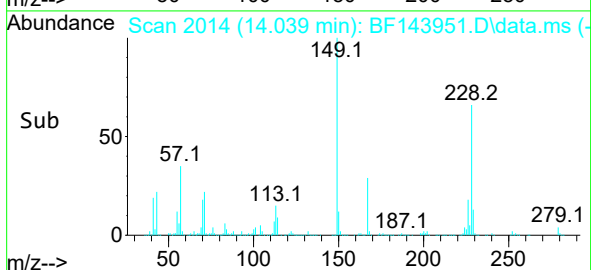
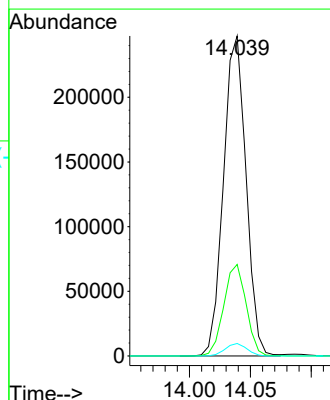
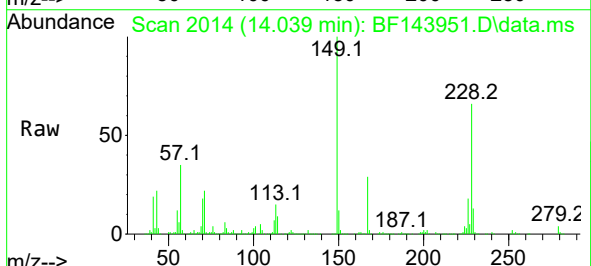
Tgt Ion:149 Resp: 319245

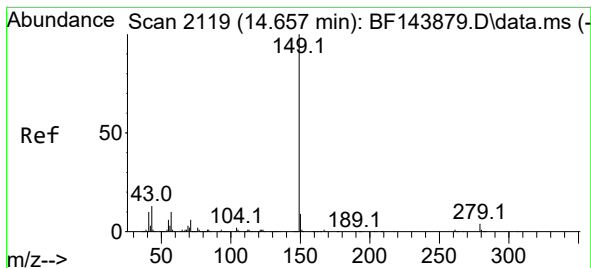
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.31 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

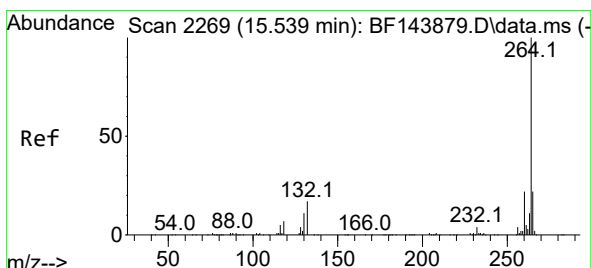
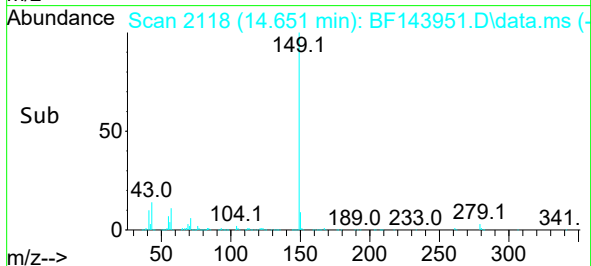
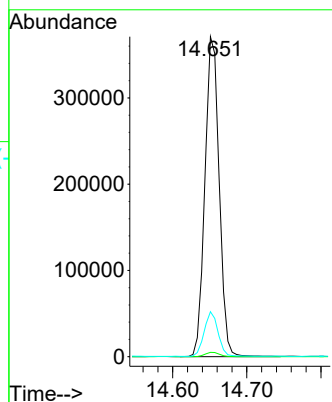
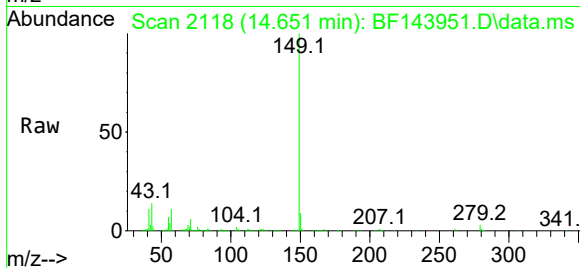
Tgt Ion:149 Resp: 496355

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.6 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

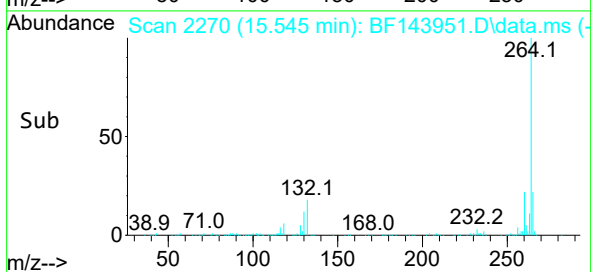
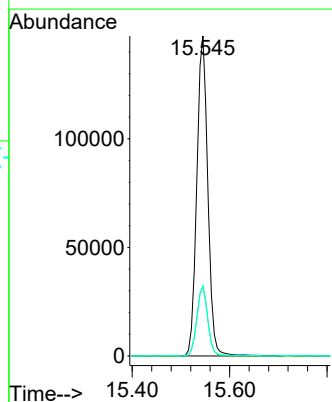
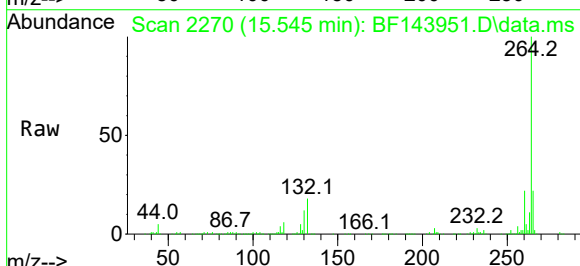
Tgt Ion:264 Resp: 232657

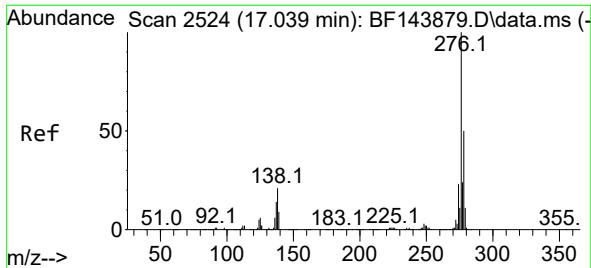
Ion Ratio Lower Upper

264 100

260 21.7 17.8 26.8

265 22.0 17.5 26.3

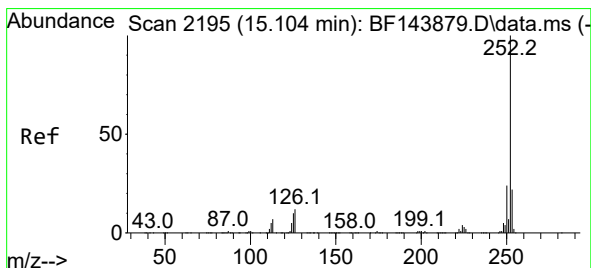
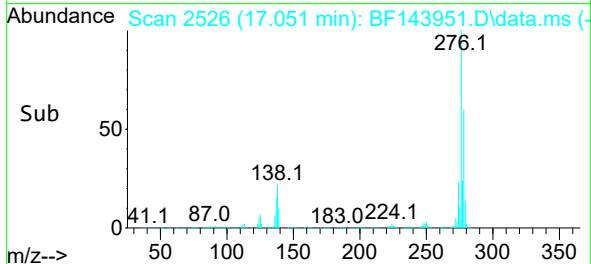
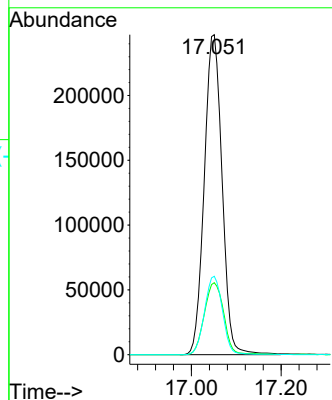
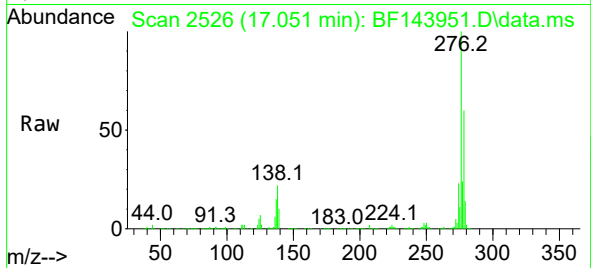




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.76 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

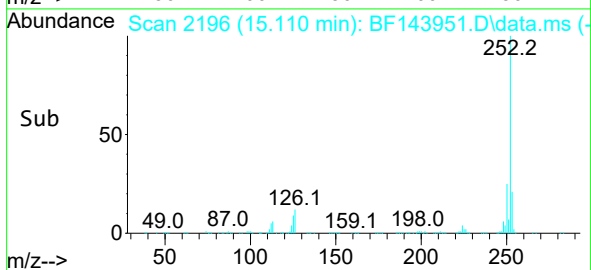
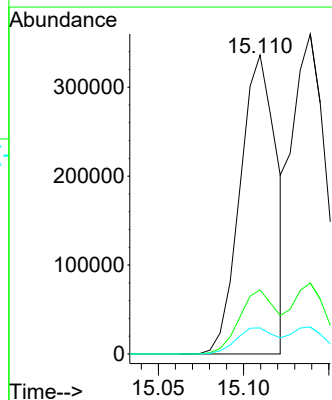
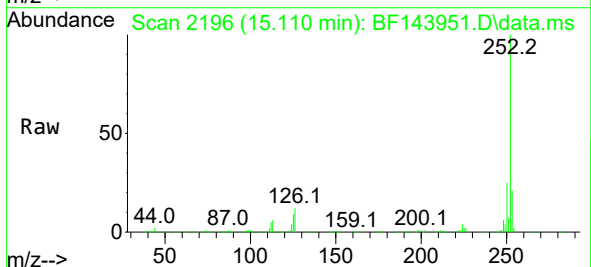
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

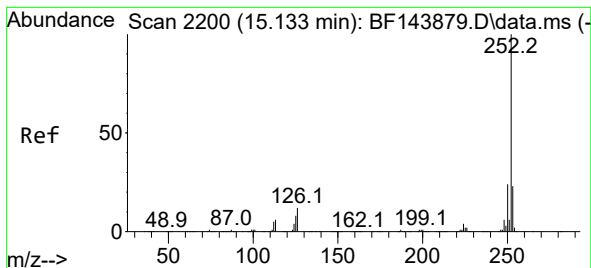
Tgt Ion:276 Resp: 680809
Ion Ratio Lower Upper
276 100
138 24.7 18.2 27.2
277 24.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 37.17 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: 40.85 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

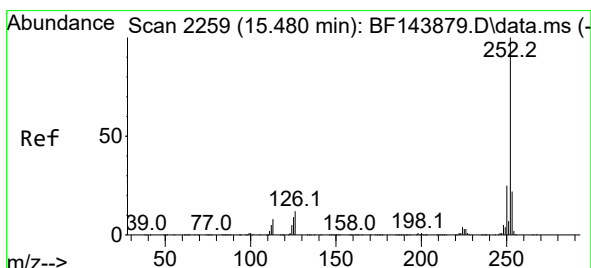
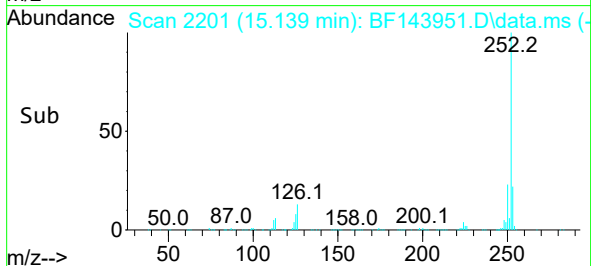
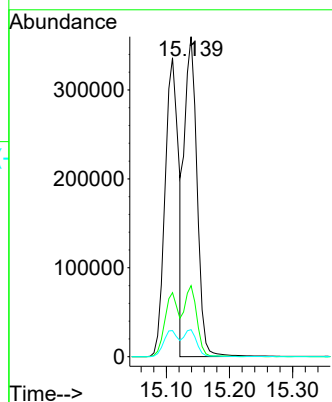
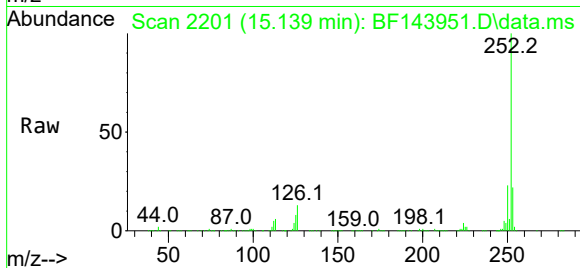
Tgt Ion:252 Resp: 505130

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: 41.52 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143951.D

Acq: 15 Oct 2025 14:33

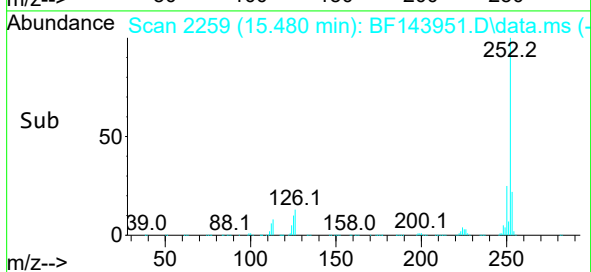
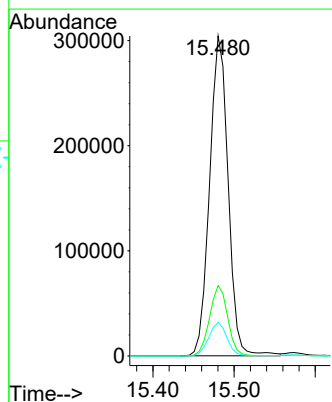
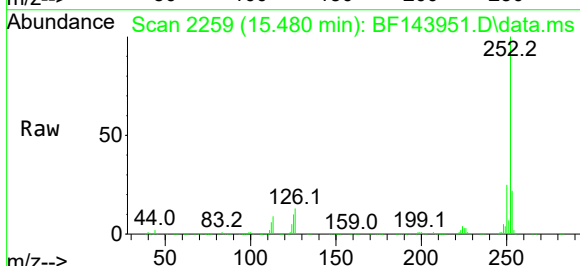
Tgt Ion:252 Resp: 481121

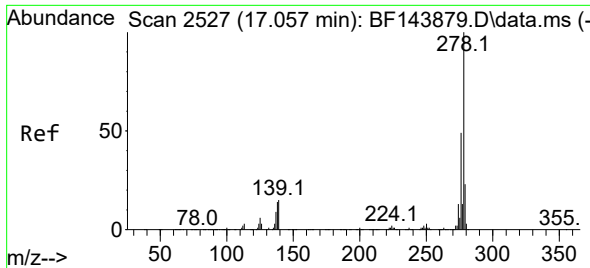
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.5 7.0 10.4#

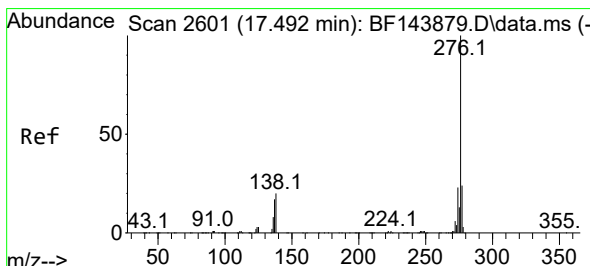
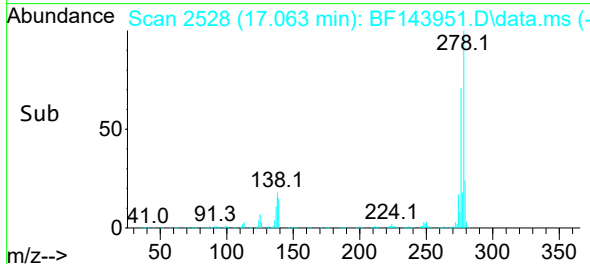
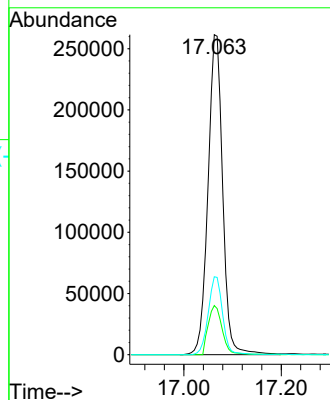
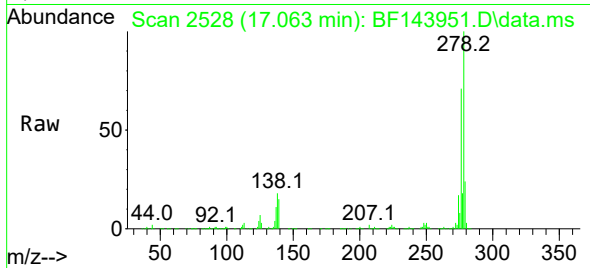




#91
Dibenzo(a,h)anthracene
Concen: 47.47 ng
RT: 17.063 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143951.D
Acq: 15 Oct 2025 14:33

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: 47.73 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

