

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
 Data File : BF143931.D
 Acq On : 13 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 13 14:55:32 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	6.887	152	130985	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	502019	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	268195	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	439915	20.000	ng	0.00
76) Chrysene-d12	14.063	240	237468	20.000	ng	0.00
86) Perylene-d12	15.551	264	283298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	689104	83.543	ng	0.00
7) Phenol-d6	6.510	99	799314	81.299	ng	0.00
23) Nitrobenzene-d5	7.451	82	701833	84.936	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	214868	80.436	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1276291	75.510	ng	0.00
79) Terphenyl-d14	13.004	244	1198719	86.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	161156	42.221	ng	99
3) Pyridine	3.399	79	477280	42.953	ng	99
4) n-Nitrosodimethylamine	3.346	42	234727	40.156	ng	95
6) Aniline	6.545	93	600267	40.743	ng	98
8) 2-Chlorophenol	6.669	128	337944	41.914	ng	98
9) Benzaldehyde	6.434	77	331177	43.666	ng	97
10) Phenol	6.522	94	479374m	40.783	ng	
11) bis(2-Chloroethyl)ether	6.622	93	377514	41.577	ng	99
12) 1,3-Dichlorobenzene	6.828	146	388190	40.221	ng	99
13) 1,4-Dichlorobenzene	6.904	146	386291	40.575	ng	98
14) 1,2-Dichlorobenzene	7.057	146	375237	41.149	ng	98
15) Benzyl Alcohol	7.022	79	306663	41.629	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	870587	42.123	ng	100
17) 2-Methylphenol	7.134	107	276195	41.449	ng	98
18) Hexachloroethane	7.398	117	129577	40.812	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	260090	38.647	ng	100
20) 3+4-Methylphenols	7.287	107	319189	41.330	ng	92
22) Acetophenone	7.292	105	411776	38.792	ng	95
24) Nitrobenzene	7.469	77	390867	42.596	ng	98
25) Isophorone	7.704	82	695096	39.895	ng	100
26) 2-Nitrophenol	7.781	139	188452	47.902	ng	97
27) 2,4-Dimethylphenol	7.816	122	287840	40.673	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	438419	39.835	ng	100
29) 2,4-Dichlorophenol	8.022	162	300914	40.821	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	293146	40.435	ng	99
31) Naphthalene	8.192	128	905599	39.656	ng	100
32) Benzoic acid	7.922	122	199387	40.709	ng	96
33) 4-Chloroaniline	8.239	127	347764	40.604	ng	98
34) Hexachlorobutadiene	8.304	225	204003	40.494	ng	99
35) Caprolactam	8.610	113	92080	39.286	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	285307	40.292	ng	99
37) 2-Methylnaphthalene	8.881	142	601573	39.546	ng	98
38) 1-Methylnaphthalene	8.981	142	567048	38.431	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	303574	40.954	ng	98
41) Hexachlorocyclopentadiene	9.034	237	117871	38.330	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	230865	42.626	ng	98

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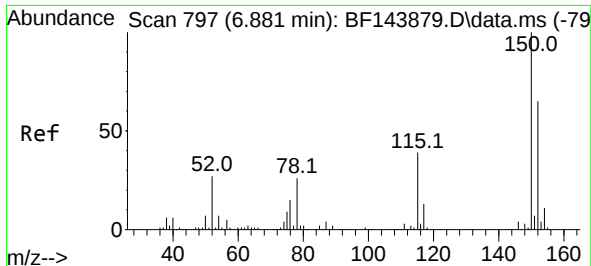
Quant Time: Oct 13 14:55:32 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228433	39.912	ng	97
46) 1,1'-Biphenyl	9.345	154	705801	39.748	ng	99
47) 2-Chloronaphthalene	9.375	162	600588	40.567	ng	96
48) 2-Nitroaniline	9.469	65	210058	44.878	ng	99
49) Acenaphthylene	9.786	152	838642	40.293	ng	100
50) Dimethylphthalate	9.639	163	671382	39.420	ng	100
51) 2,6-Dinitrotoluene	9.710	165	144448	45.738	ng	95
52) Acenaphthene	9.963	154	546414	40.065	ng	100
53) 3-Nitroaniline	9.881	138	162985	42.147	ng	99
54) 2,4-Dinitrophenol	9.986	184	71297	40.364	ng	# 88
55) Dibenzofuran	10.133	168	751596	39.040	ng	98
56) 4-Nitrophenol	10.033	139	112678	38.483	ng	98
57) 2,4-Dinitrotoluene	10.110	165	194438	45.249	ng	99
58) Fluorene	10.475	166	560501	38.584	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	161529	39.869	ng	# 99
60) Diethylphthalate	10.345	149	623709	39.419	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	306140	39.860	ng	99
62) 4-Nitroaniline	10.492	138	150588	40.496	ng	94
63) Azobenzene	10.628	77	672152	40.646	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	102037	46.156	ng	97
66) n-Nitrosodiphenylamine	10.586	169	563752	40.813	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	199074	40.947	ng	98
68) Hexachlorobenzene	11.028	284	220687	39.209	ng	99
69) Atrazine	11.116	200	163272	38.999	ng	98
70) Pentachlorophenol	11.222	266	124893	38.635	ng	99
71) Phenanthrene	11.445	178	848405	39.780	ng	99
72) Anthracene	11.492	178	860660	39.946	ng	99
73) Carbazole	11.645	167	744027	38.991	ng	99
74) Di-n-butylphthalate	11.975	149	907465	41.033	ng	100
75) Fluoranthene	12.633	202	825481	37.472	ng	99
77) Benzidine	12.757	184	294601	35.729	ng	98
78) Pyrene	12.863	202	835133	42.184	ng	99
80) Butylbenzylphthalate	13.480	149	296093	46.052	ng	99
81) Benzo(a)anthracene	14.057	228	657643	42.319	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	208518	44.030	ng	98
83) Chrysene	14.092	228	593625	41.274	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	373681	48.214	ng	98
85) Di-n-octyl phthalate	14.657	149	652031	51.221	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	828468	47.726	ng	98
88) Benzo(b)fluoranthene	15.116	252	636123	39.089	ng	99
89) Benzo(k)fluoranthene	15.145	252	591456	39.278	ng	99
90) Benzo(a)pyrene	15.486	252	595478	42.200	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	669037	47.921	ng	99
92) Benzo(g,h,i)perylene	17.509	276	651209	46.644	ng	98

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

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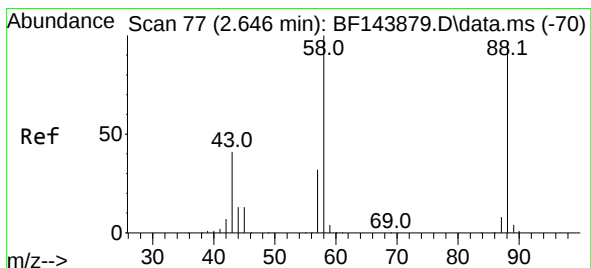
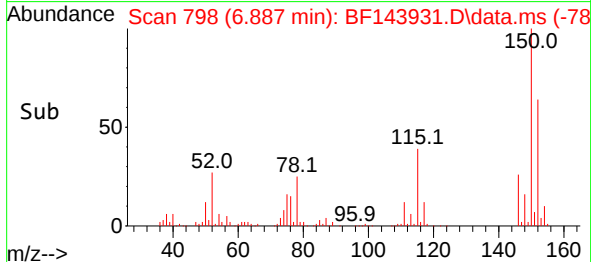
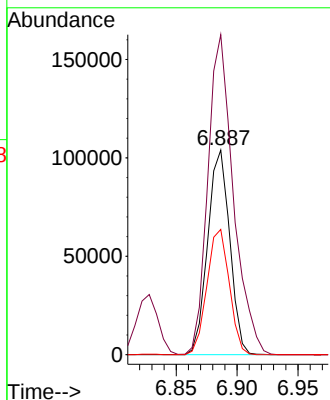
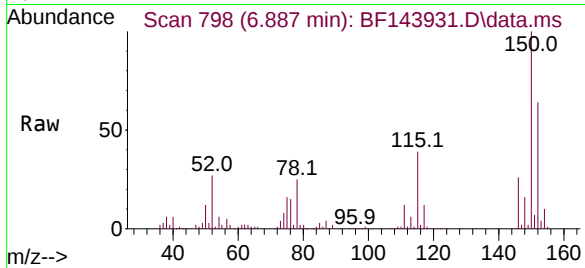




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

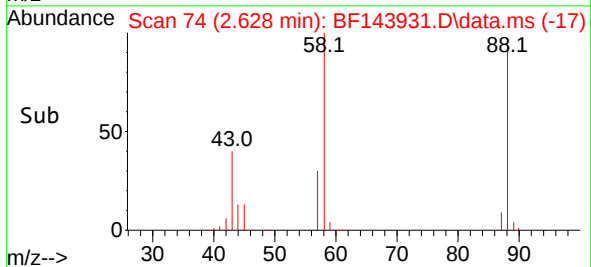
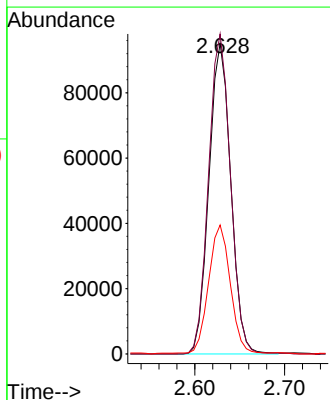
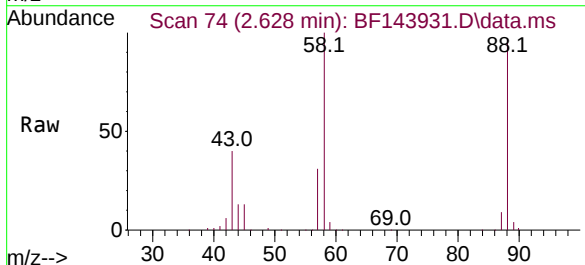
Instrument :
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SSTDCCC040

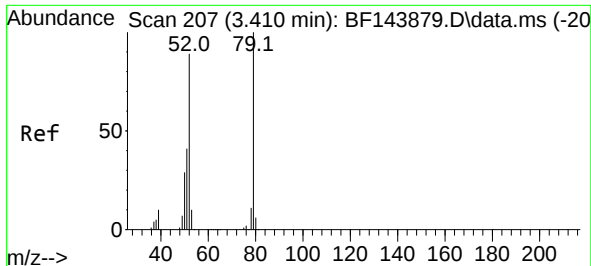
Tgt Ion:152 Resp: 130985
Ion Ratio Lower Upper
152 100
150 156.4 124.4 186.6
115 61.2 48.1 72.1



#2
1,4-Dioxane
Concen: 42.221 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion: 88 Resp: 161156
Ion Ratio Lower Upper
88 100
58 103.3 83.0 124.6
43 41.7 33.9 50.9

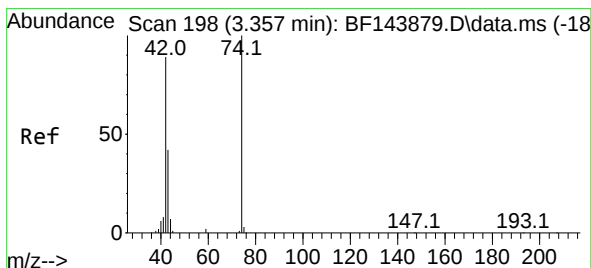
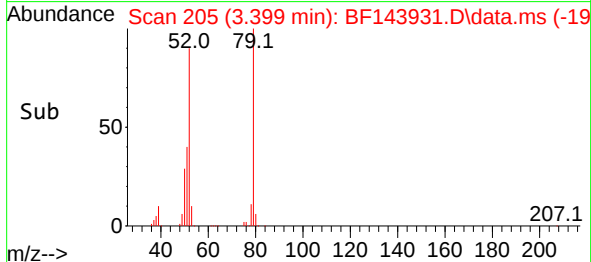
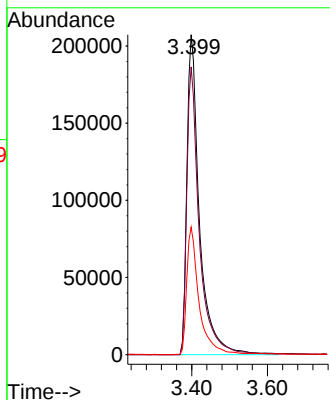
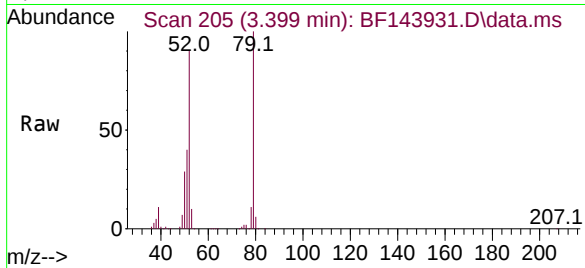




#3
Pyridine
Concen: 42.953 ng
RT: 3.399 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

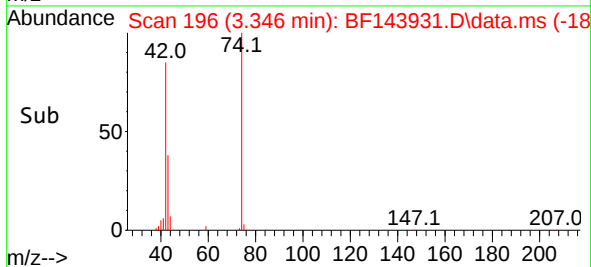
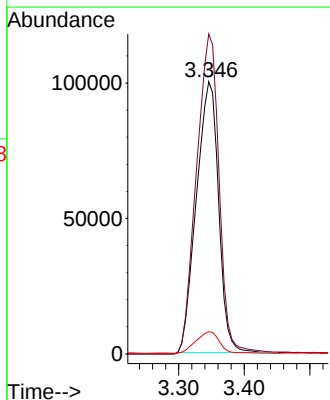
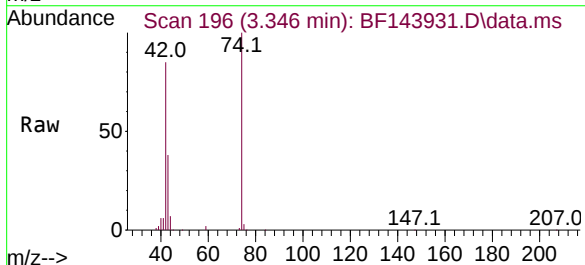
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

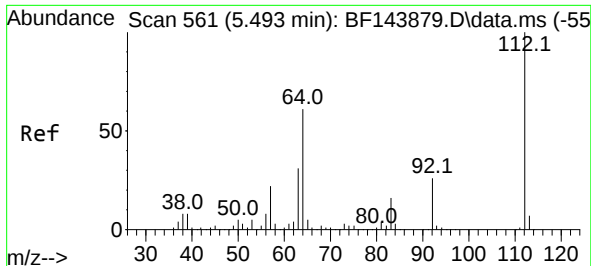
Tgt Ion: 79 Resp: 477280
Ion Ratio Lower Upper
79 100
52 89.9 71.5 107.3
51 39.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 40.156 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.041 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion: 42 Resp: 234727
Ion Ratio Lower Upper
42 100
74 117.6 90.0 135.0
44 8.2 6.2 9.2

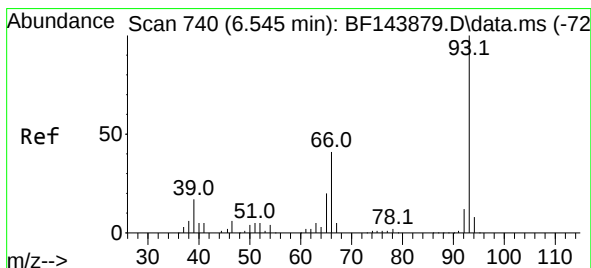
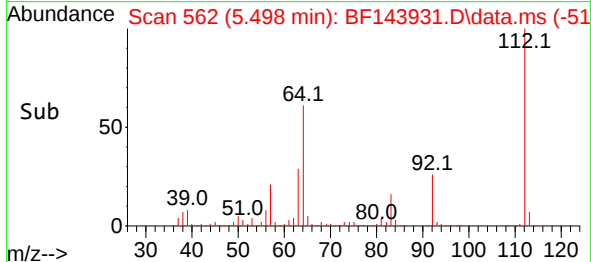
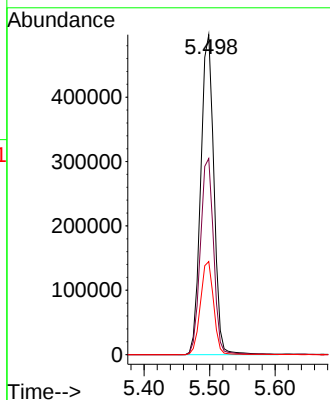
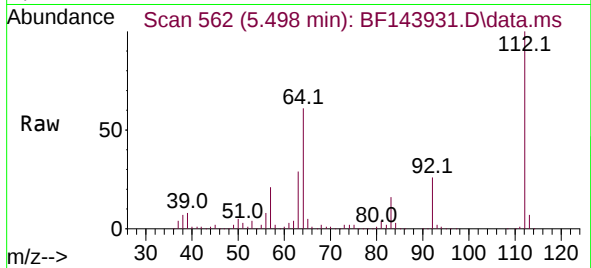




#5
2-Fluorophenol
Concen: 83.543 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

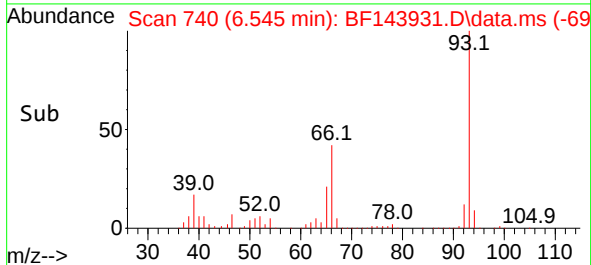
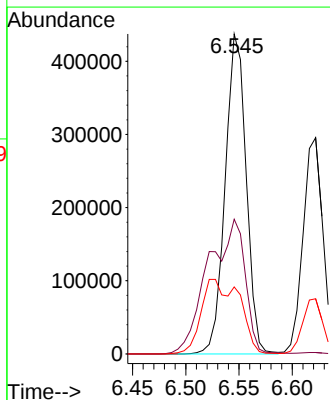
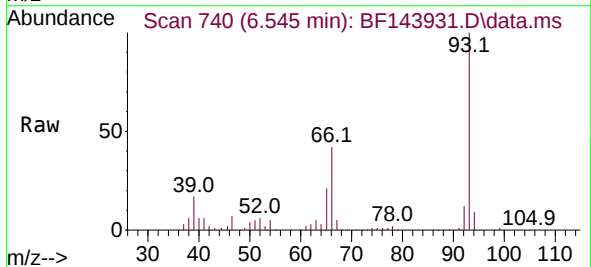
Instrument :
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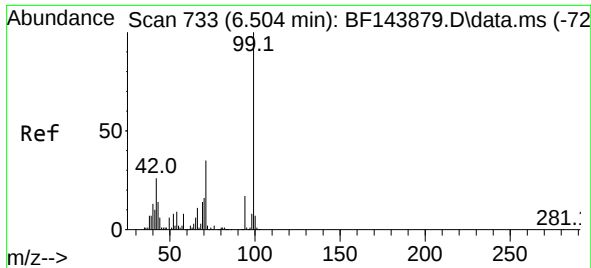
Tgt Ion:112 Resp: 689104
Ion Ratio Lower Upper
112 100
64 61.3 49.1 73.7
63 29.1 24.5 36.7



#6
Aniline
Concen: 40.743 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion: 93 Resp: 600267
Ion Ratio Lower Upper
93 100
66 42.1 33.0 49.6
65 20.9 15.8 23.8





#7

Phenol-d6

Concen: 81.299 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

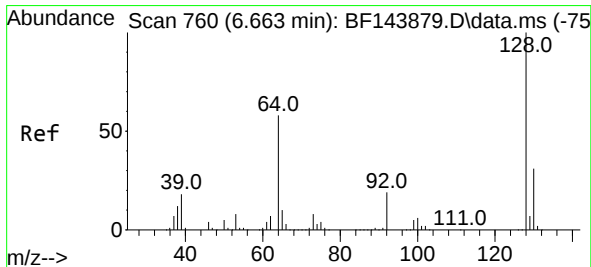
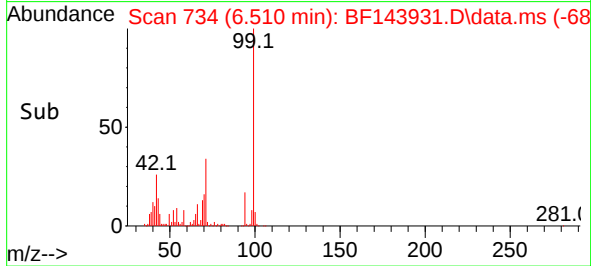
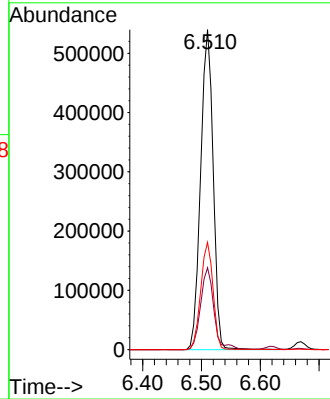
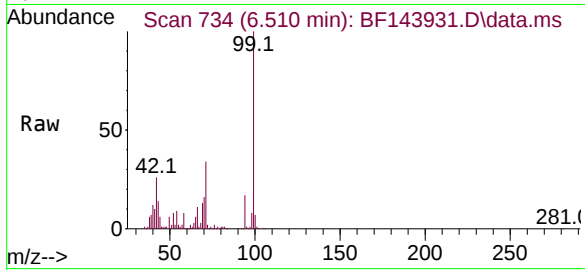
Tgt Ion: 99 Resp: 799314

Ion Ratio Lower Upper

99 100

42 25.6 21.0 31.4

71 33.5 27.8 41.8



#8

2-Chlorophenol

Concen: 41.914 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

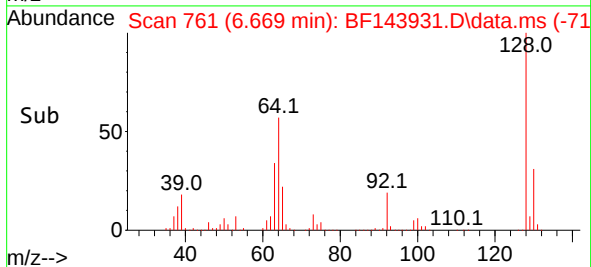
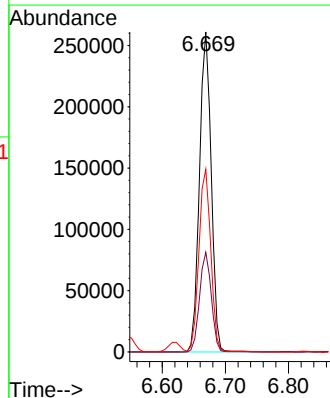
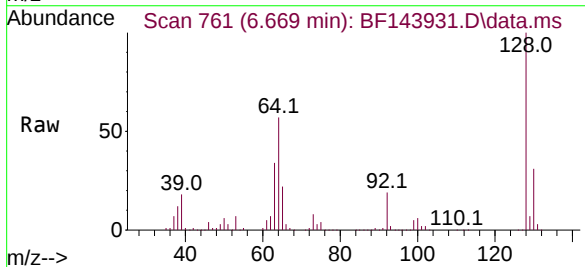
Tgt Ion:128 Resp: 337944

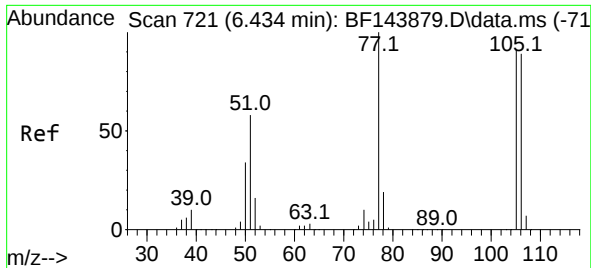
Ion Ratio Lower Upper

128 100

130 31.1 10.7 50.7

64 57.1 39.0 79.0





#9

Benzaldehyde

Concen: 43.666 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

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ClientSampleId :

SSTDCCC040

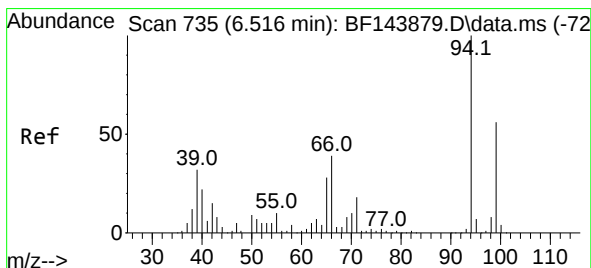
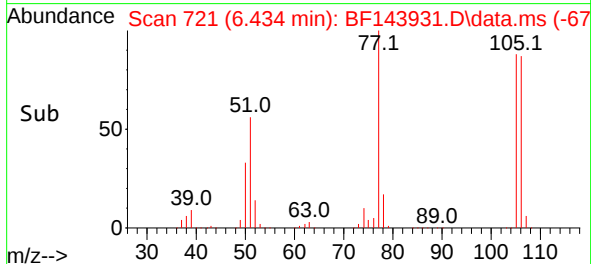
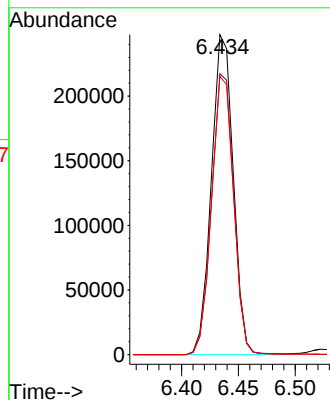
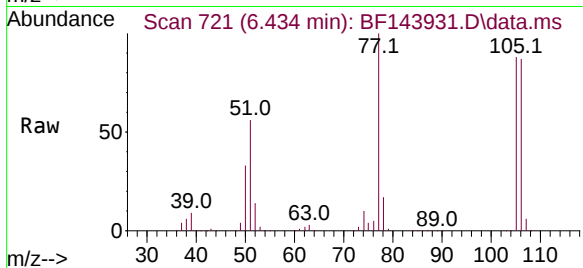
Tgt Ion: 77 Resp: 331177

Ion Ratio Lower Upper

77 100

105 87.8 70.9 110.9

106 87.0 68.9 108.9



#10

Phenol

Concen: 40.783 ng m

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

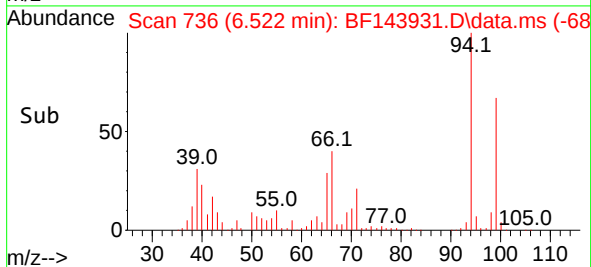
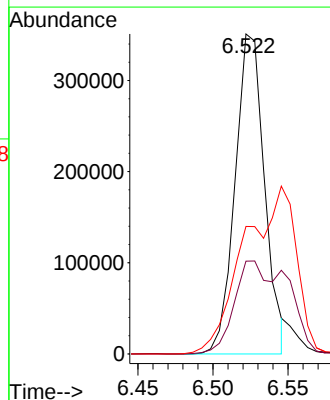
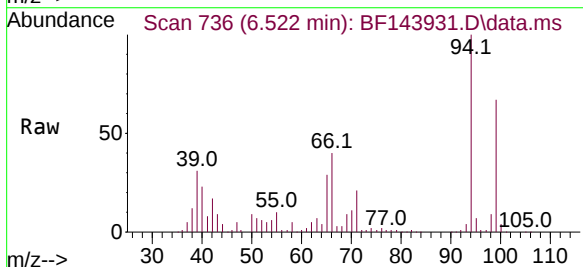
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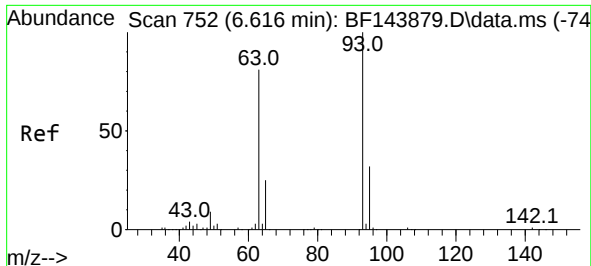
Ion Ratio Lower Upper

94 100

65 29.0 8.5 48.5

66 39.8 19.9 59.9

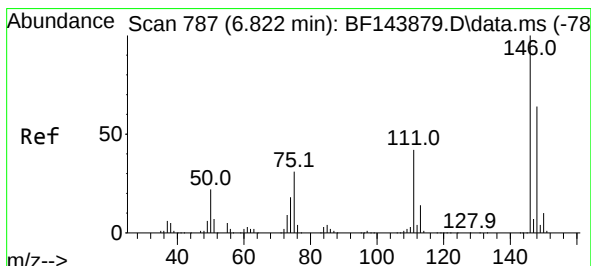
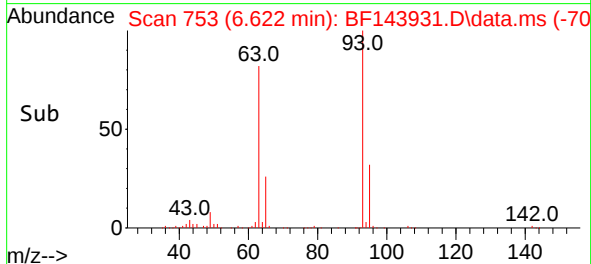
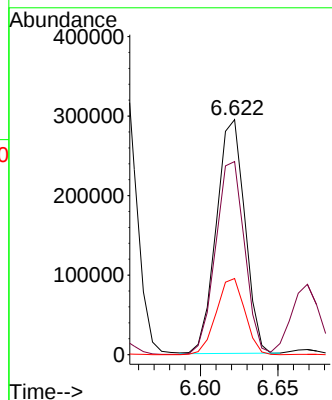
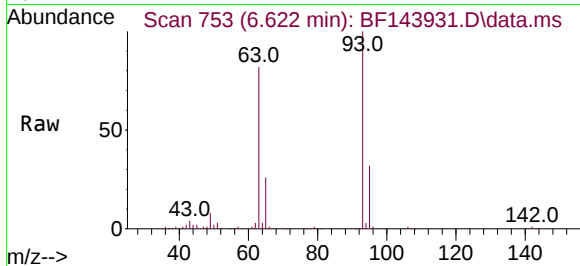




#11
bis(2-Chloroethyl)ether
Concen: 41.577 ng
RT: 6.622 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

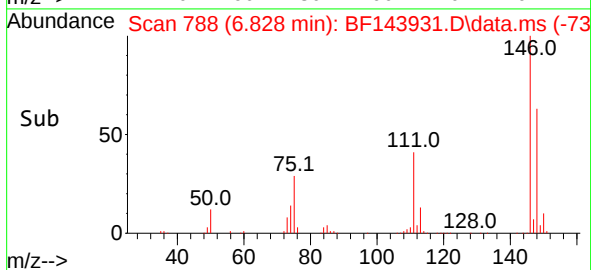
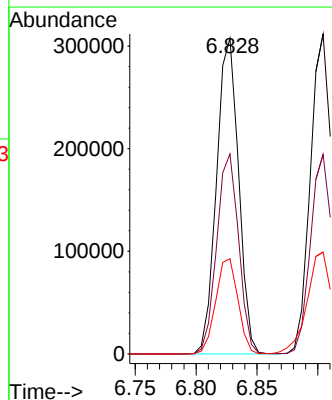
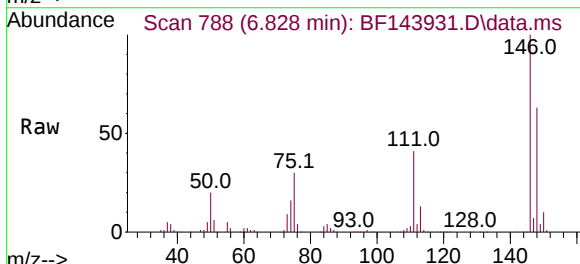
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

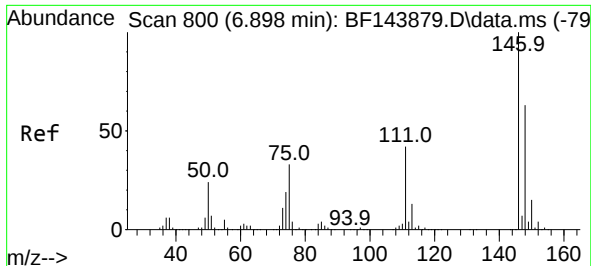
Tgt Ion: 93 Resp: 377514
Ion Ratio Lower Upper
93 100
63 82.2 60.9 100.9
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.221 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:146 Resp: 388190
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 30.1 24.9 37.3

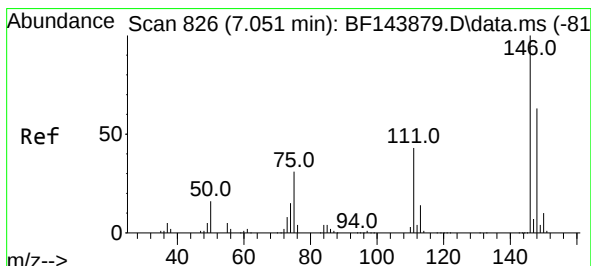
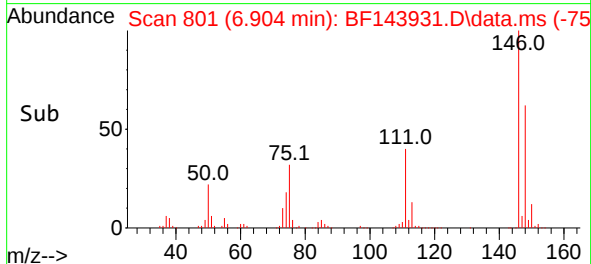
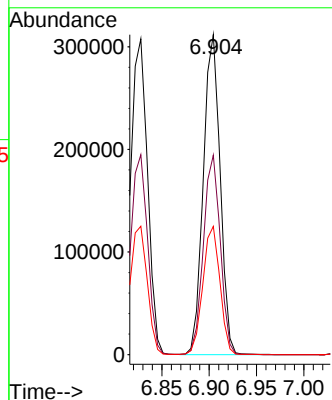
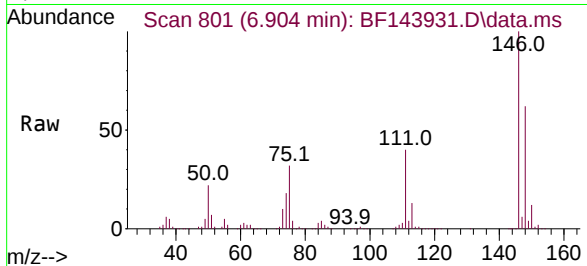




#13
1,4-Dichlorobenzene
Concen: 40.575 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

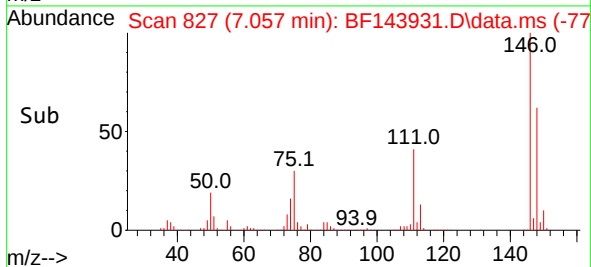
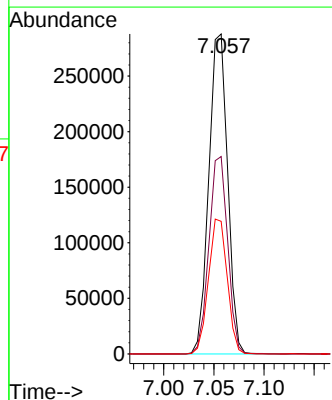
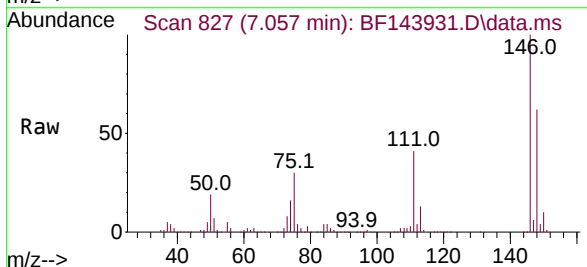
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

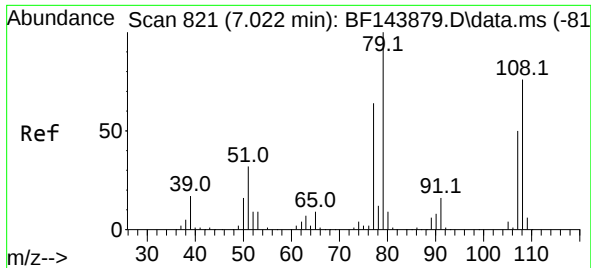
Tgt Ion:146 Resp: 386291
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
111 40.1 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 41.149 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:146 Resp: 375237
Ion Ratio Lower Upper
146 100
148 61.7 50.6 75.8
111 41.4 34.6 51.8



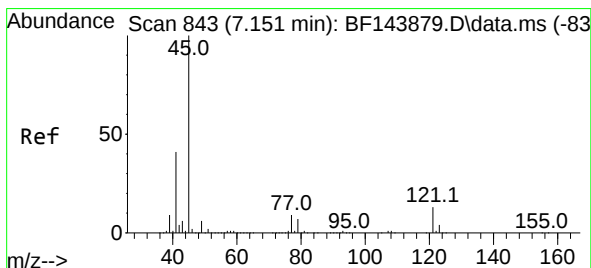
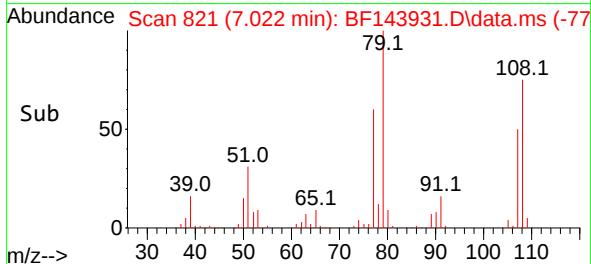
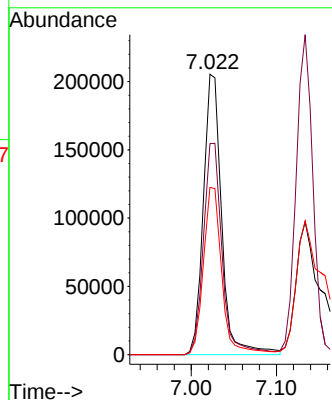
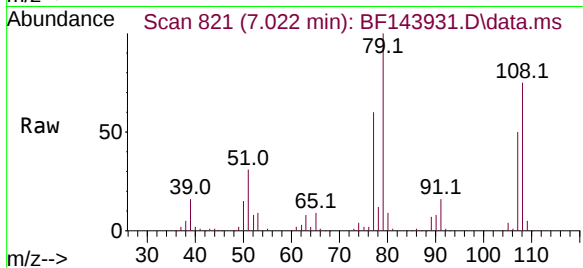


#15
Benzyl Alcohol
Concen: 41.629 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 306663

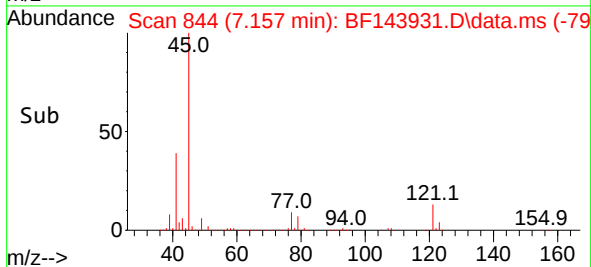
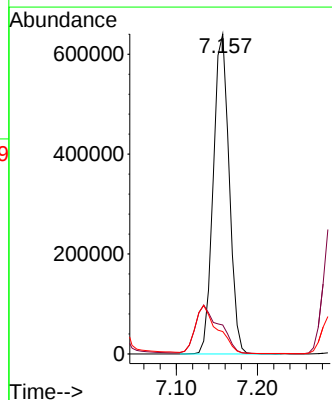
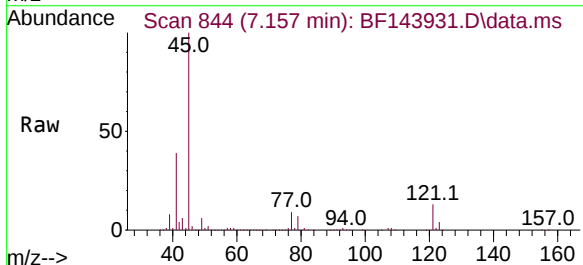
Ion	Ratio	Lower	Upper
79	100		
108	75.2	60.8	91.2
77	59.6	51.0	76.6

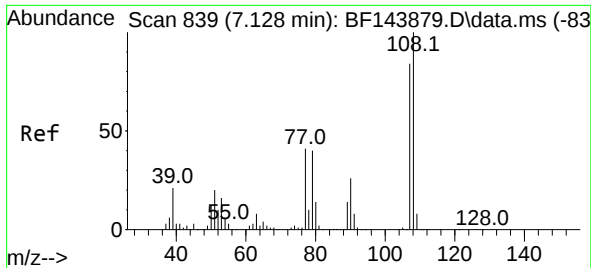


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.123 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion: 45 Resp: 870587

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	29.0
79	7.0	0.0	26.8

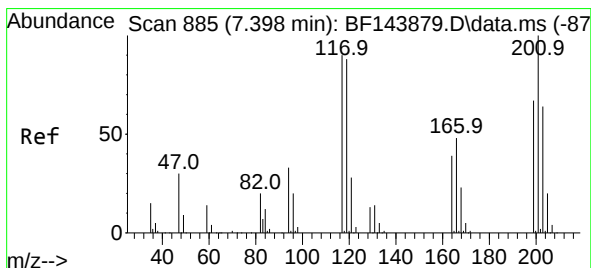
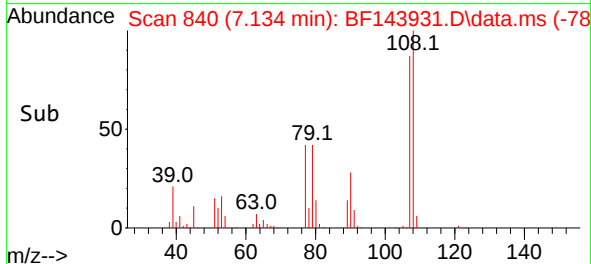
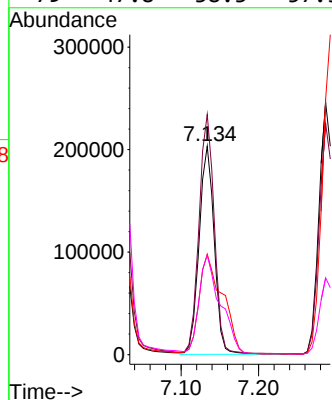
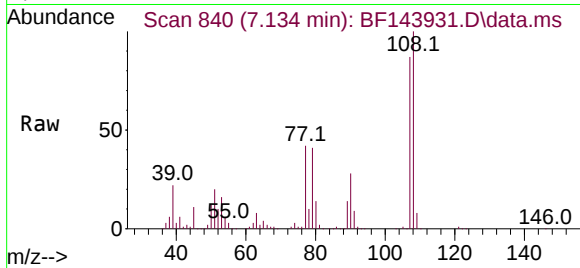




#17
2-Methylphenol
Concen: 41.449 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

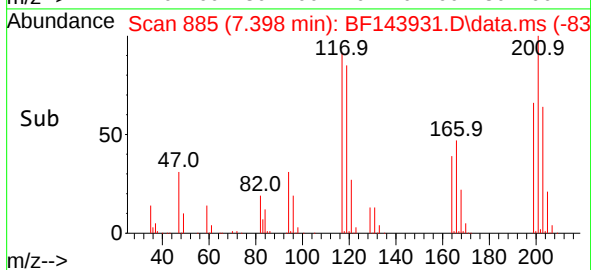
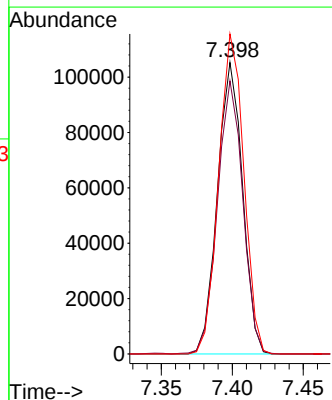
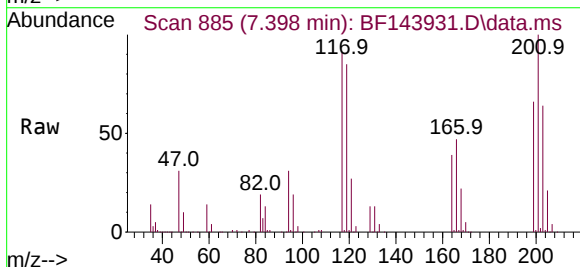
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

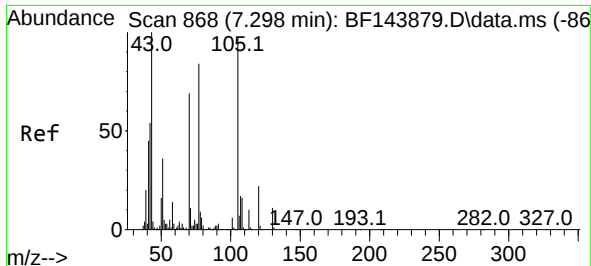
Tgt Ion:	107	Resp:	276195
Ion	Ratio	Lower	Upper
107	100		
108	115.3	94.7	142.1
77	48.2	38.8	58.2
79	47.8	38.3	57.5



#18
Hexachloroethane
Concen: 40.812 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:	117	Resp:	129577
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.8	116.8
201	109.8	88.5	132.7



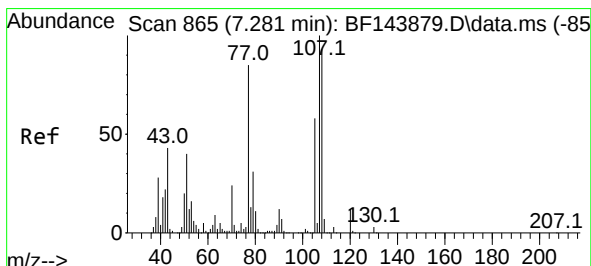
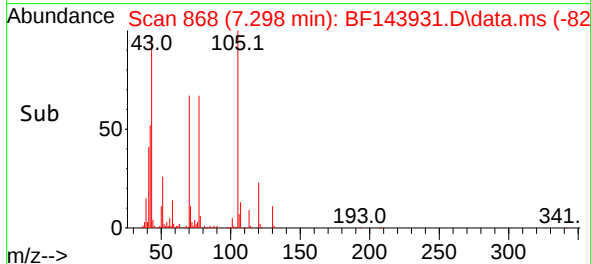
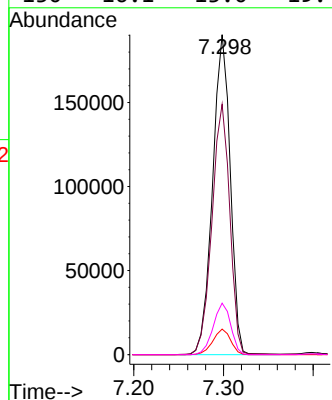
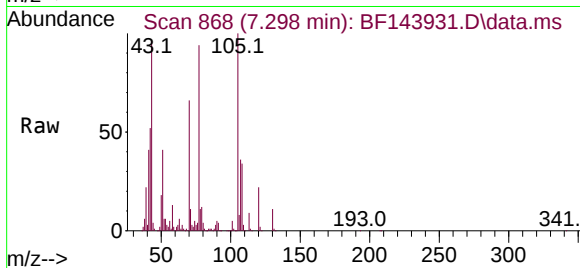


#19
n-Nitroso-di-n-propylamine
Concen: 38.647 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 260090

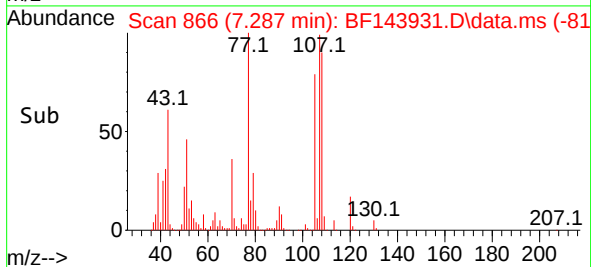
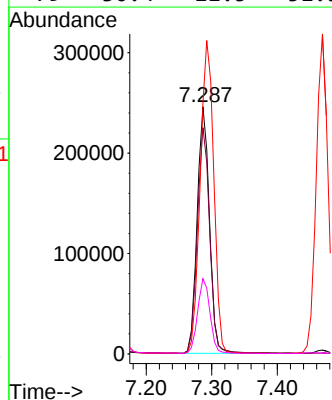
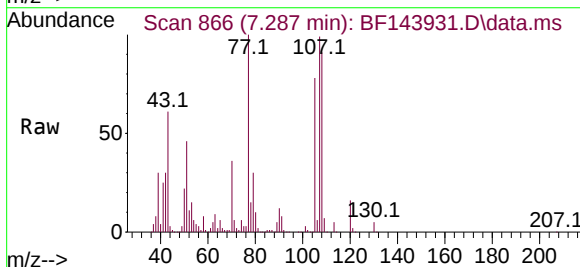
Ion	Ratio	Lower	Upper
70	100		
42	78.2	62.8	94.2
101	8.0	6.7	10.1
130	16.1	13.0	19.4

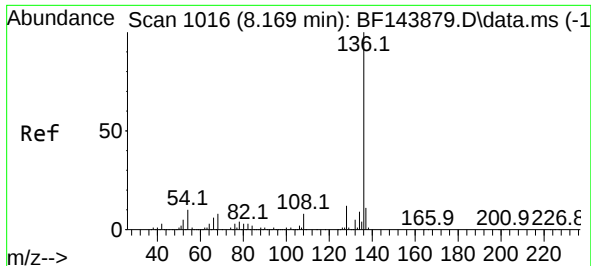


#20
3+4-Methylphenols
Concen: 41.330 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion: 107 Resp: 319189

Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.0	113.0
77	101.2	64.6	104.6
79	30.4	11.5	51.5



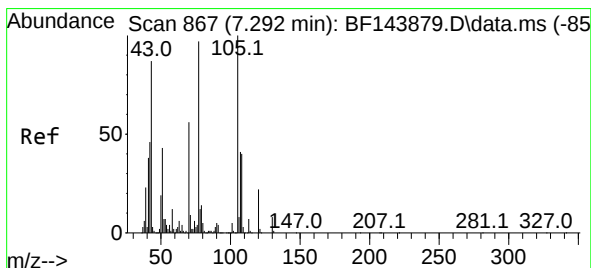
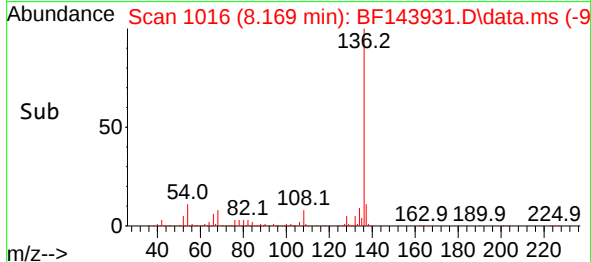
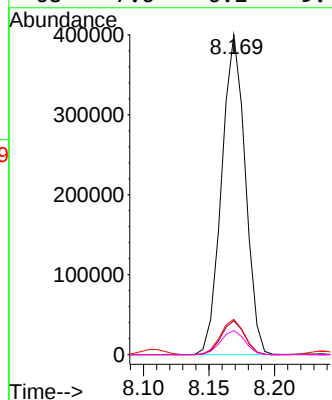
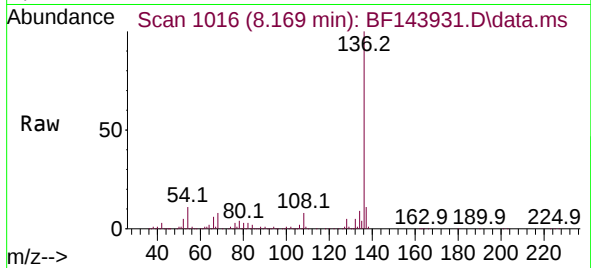


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 502019

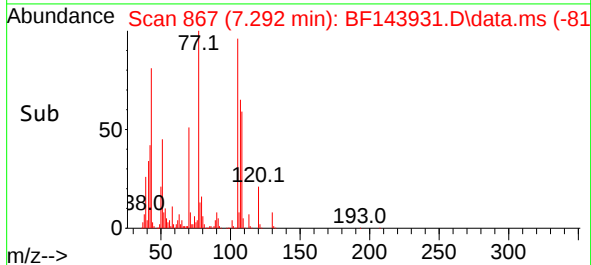
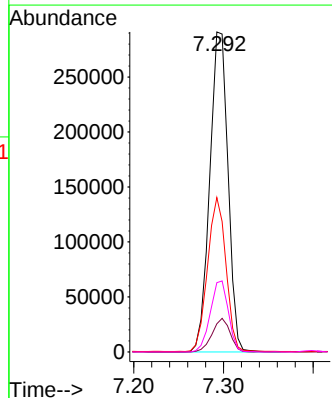
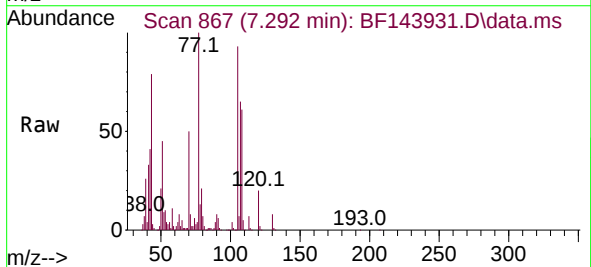
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.0	8.2	12.4
68	7.6	6.2	9.4

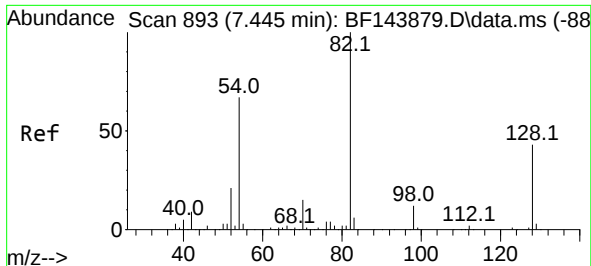


#22
Acetophenone
Concen: 38.792 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:105 Resp: 411776

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.4	11.0
51	48.2	34.2	51.4
120	21.6	17.7	26.5





#23

Nitrobenzene-d5

Concen: 84.936 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

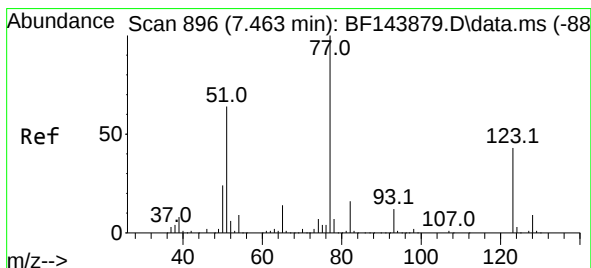
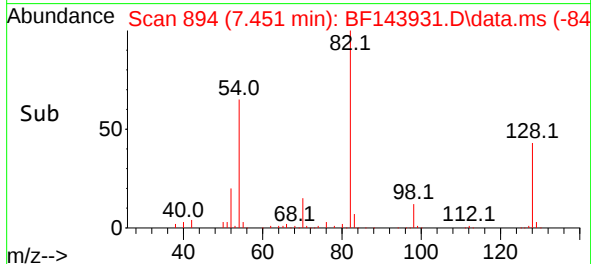
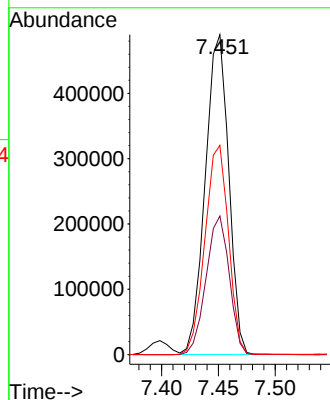
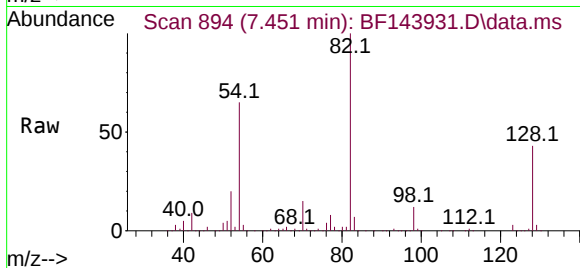
Tgt Ion: 82 Resp: 701833

Ion Ratio Lower Upper

82 100

128 43.4 34.0 51.0

54 65.4 53.2 79.8



#24

Nitrobenzene

Concen: 42.596 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

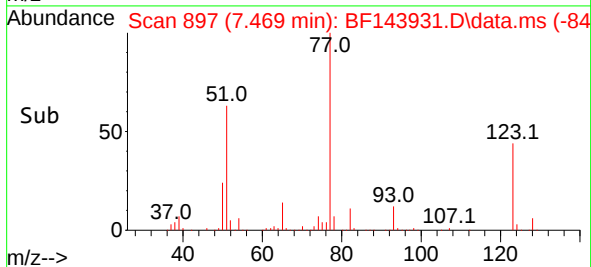
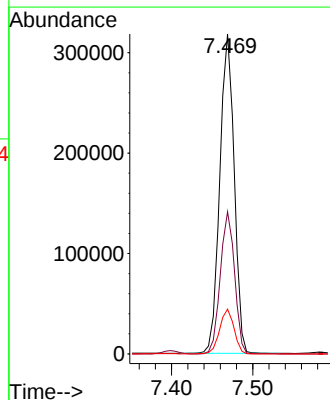
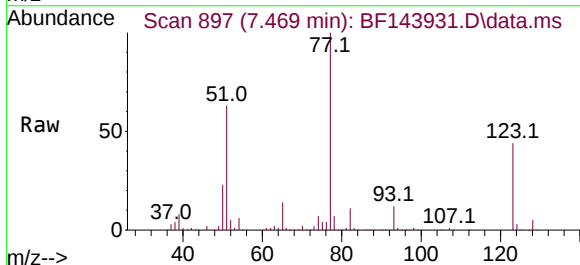
Tgt Ion: 77 Resp: 390867

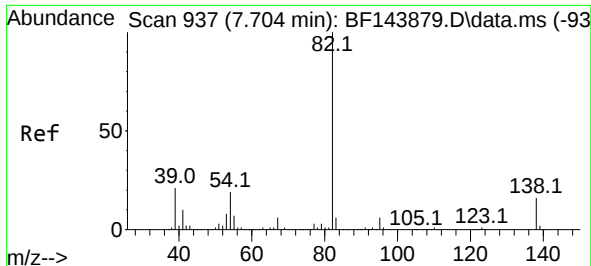
Ion Ratio Lower Upper

77 100

123 44.4 34.2 51.4

65 14.0 11.0 16.6

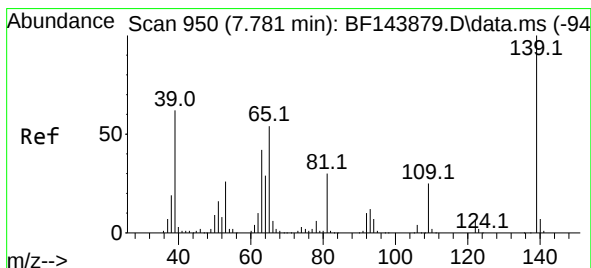
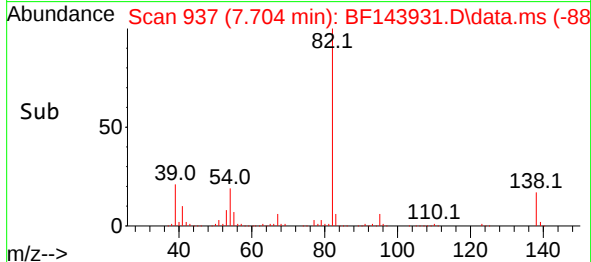
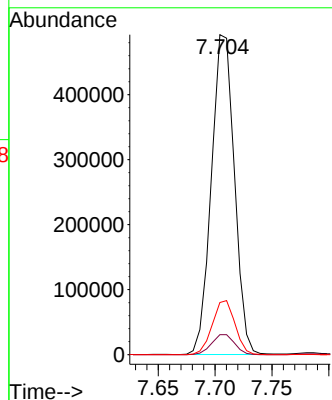
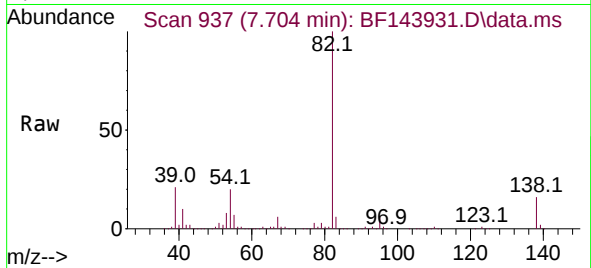




#25
Isophorone
Concen: 39.895 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

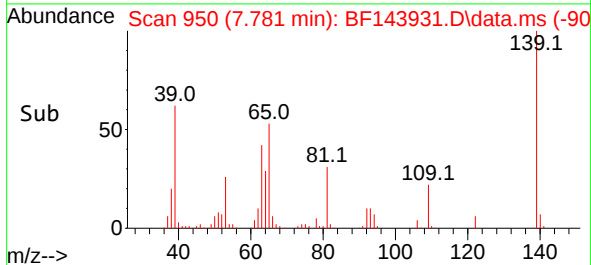
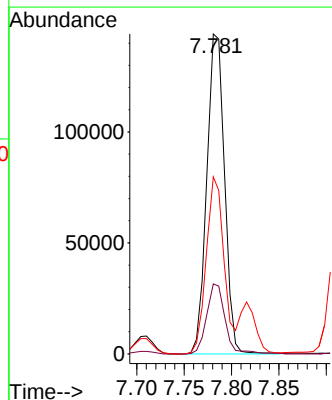
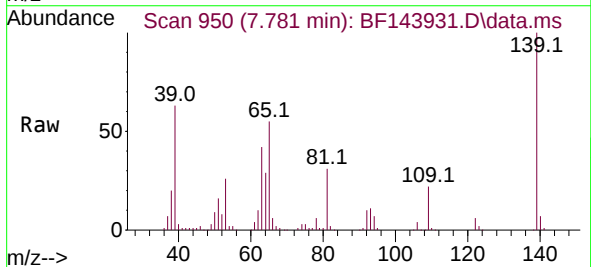
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

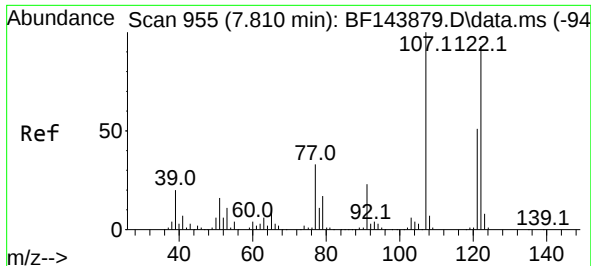
Tgt Ion: 82 Resp: 695096
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.3 12.9 19.3



#26
2-Nitrophenol
Concen: 47.902 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:139 Resp: 188452
Ion Ratio Lower Upper
139 100
109 21.9 19.8 29.6
65 55.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 40.673 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

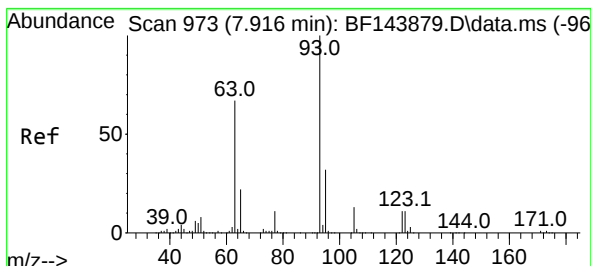
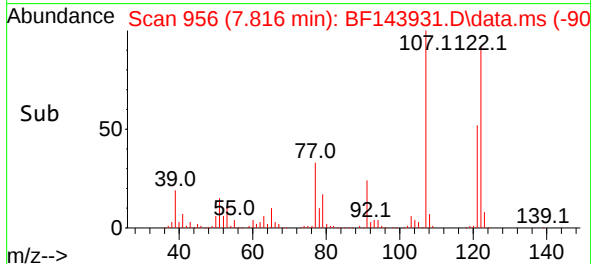
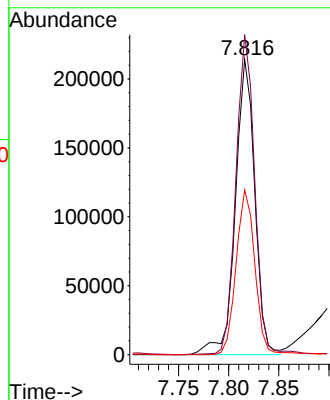
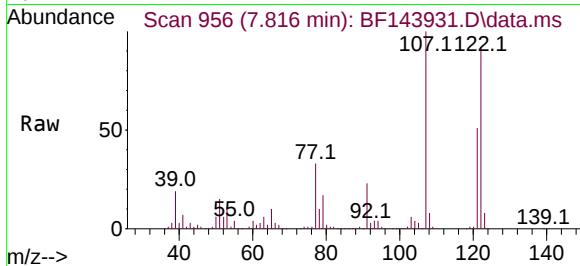
Tgt Ion:122 Resp: 287840

Ion Ratio Lower Upper

122 100

107 108.4 86.1 129.1

121 55.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.835 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

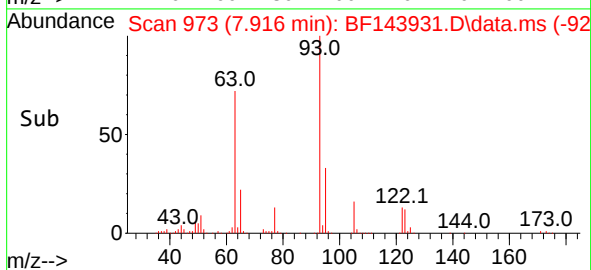
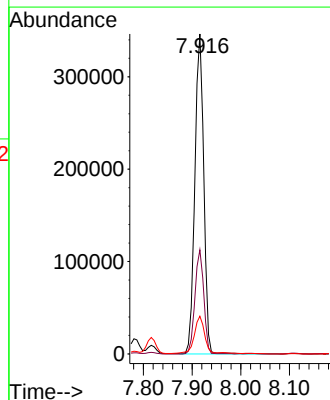
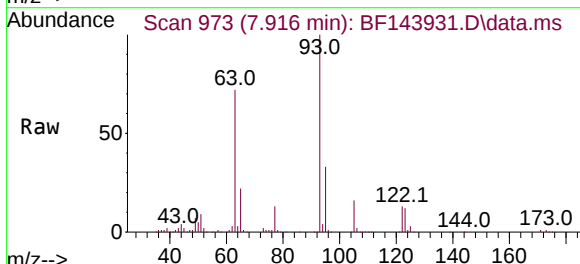
Tgt Ion: 93 Resp: 438419

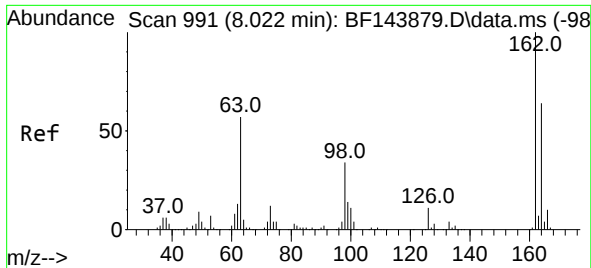
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.821 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

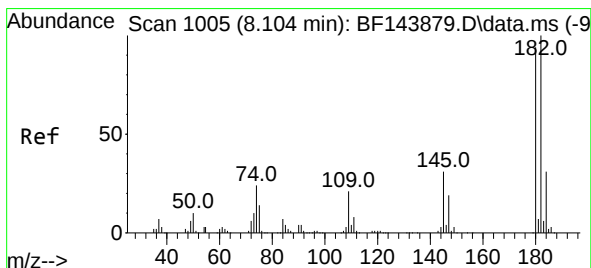
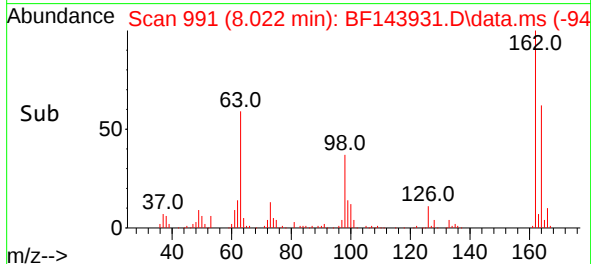
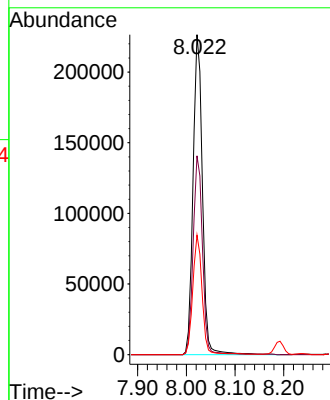
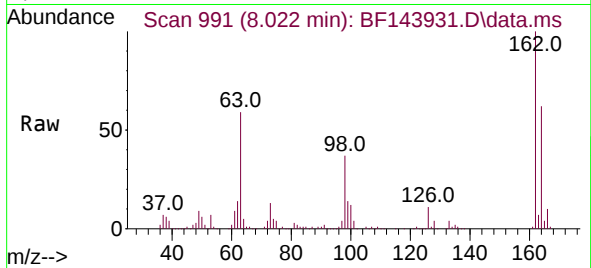
Tgt Ion:162 Resp: 300914

Ion Ratio Lower Upper

162 100

164 62.1 43.9 83.9

98 37.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 40.435 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

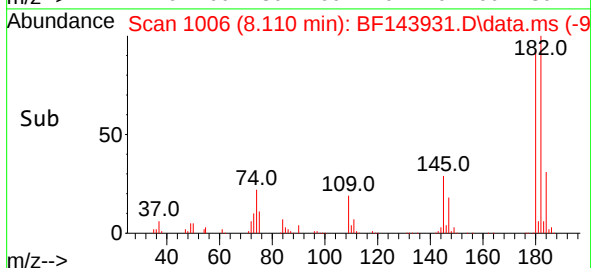
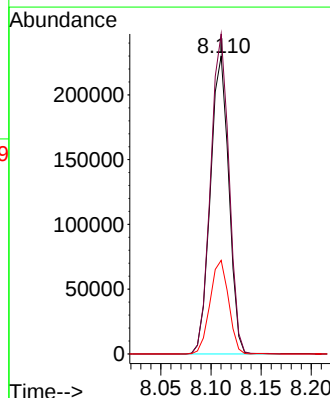
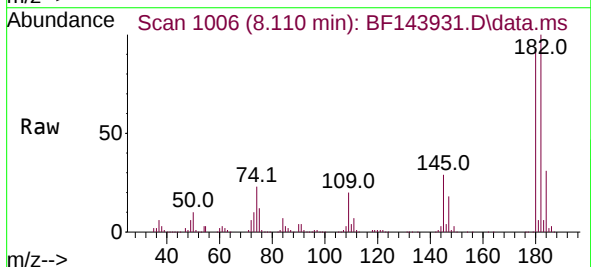
Tgt Ion:180 Resp: 293146

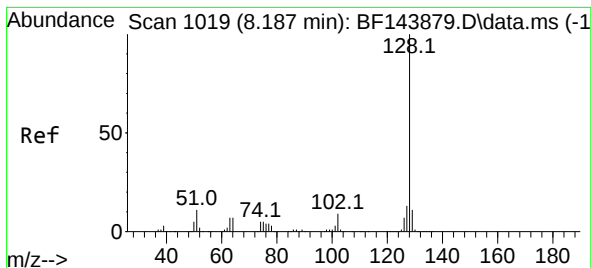
Ion Ratio Lower Upper

180 100

182 107.4 85.4 128.0

145 31.4 26.3 39.5





#31

Naphthalene

Concen: 39.656 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

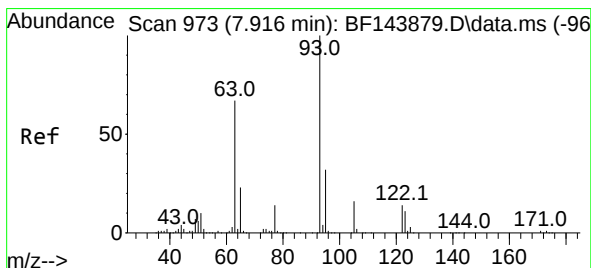
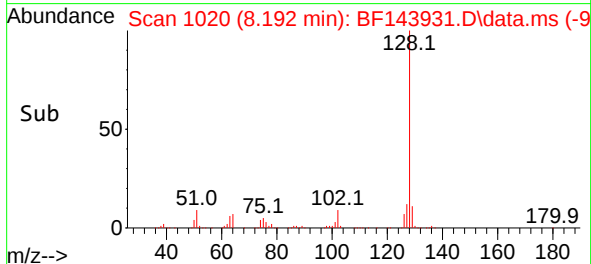
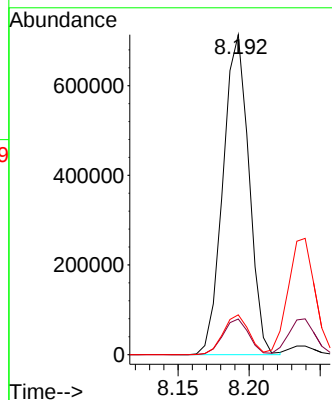
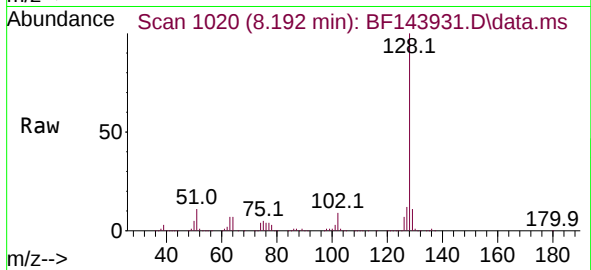
Tgt Ion:128 Resp: 905599

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.4 10.0 15.0



#32

Benzoic acid

Concen: 40.709 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

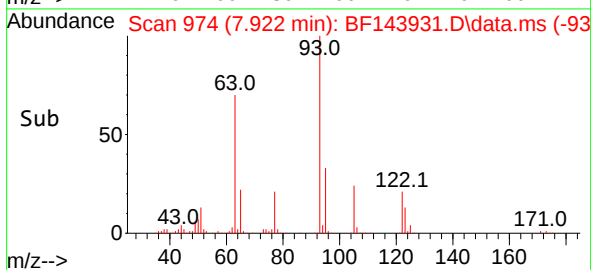
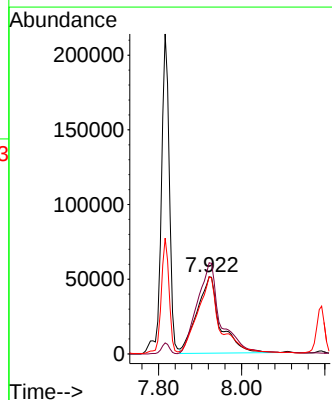
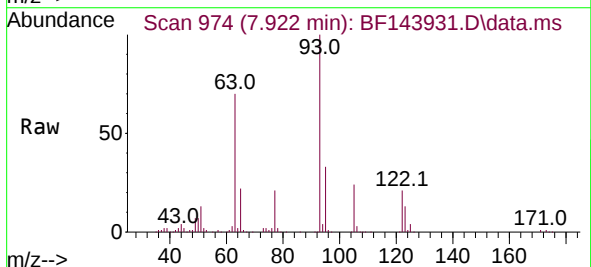
Tgt Ion:122 Resp: 199387

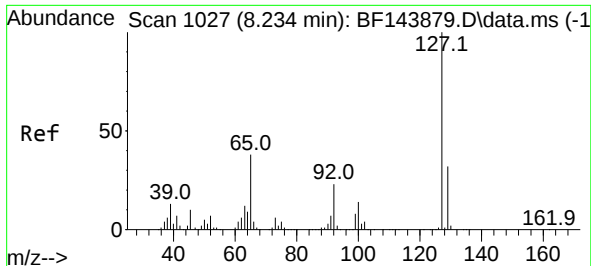
Ion Ratio Lower Upper

122 100

105 118.3 93.5 133.5

77 100.2 76.3 116.3

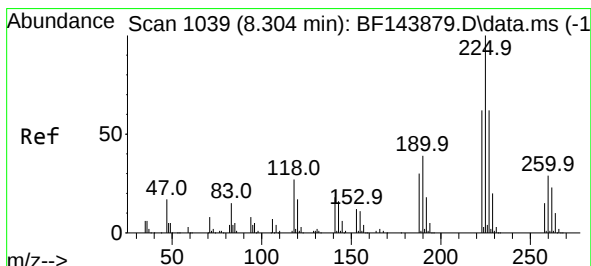
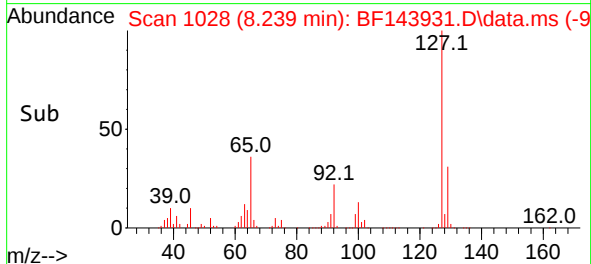
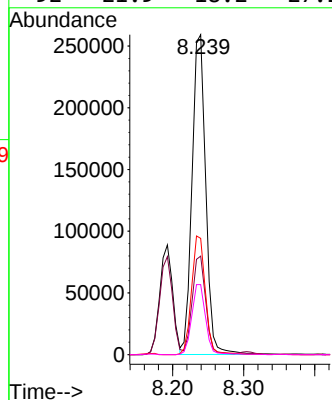
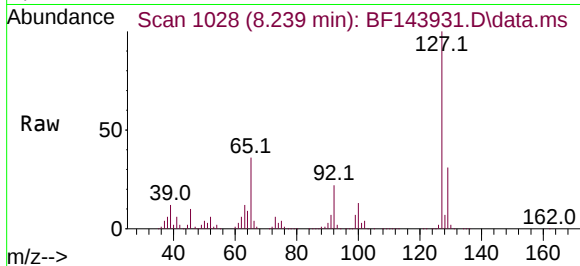




#33
4-Chloroaniline
Concen: 40.604 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

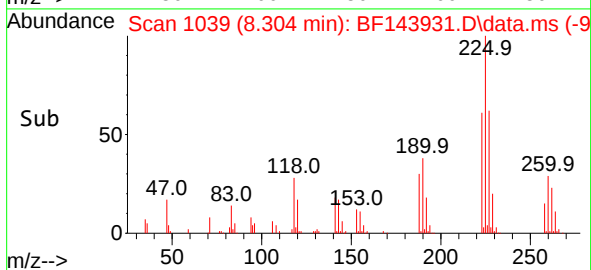
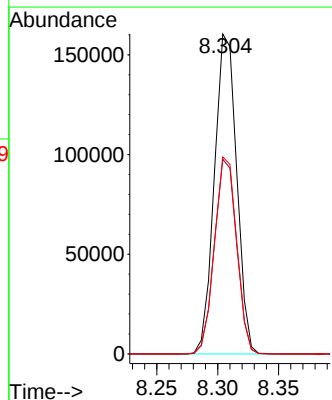
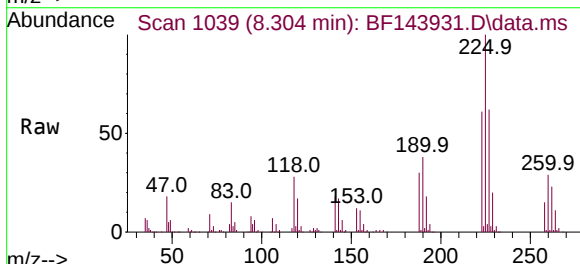
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

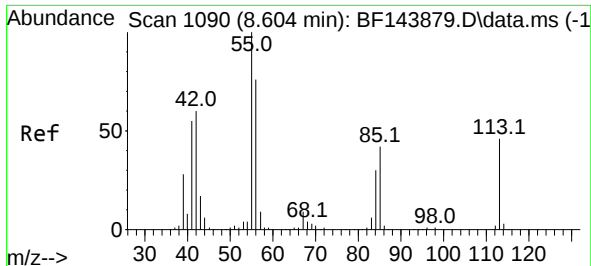
Tgt Ion:	127	Resp:	347764
Ion Ratio	Lower	Upper	
127	100		
129	30.8	25.8	38.8
65	36.3	30.0	45.0
92	21.9	18.2	27.2



#34
Hexachlorobutadiene
Concen: 40.494 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:	225	Resp:	204003
Ion Ratio	Lower	Upper	
225	100		
223	60.9	49.4	74.2
227	61.5	49.7	74.5

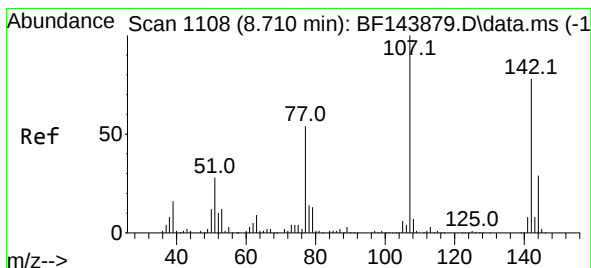
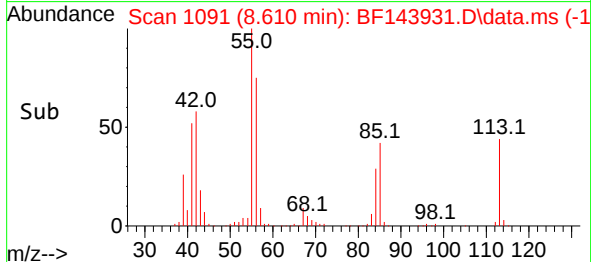
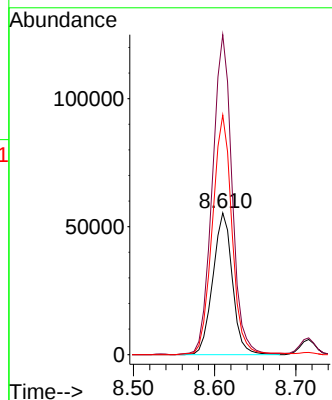
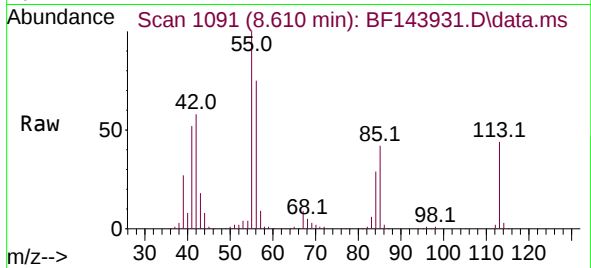




#35
 Caprolactam
 Concen: 39.286 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.035 min
 Lab File: BF143931.D
 Acq: 13 Oct 2025 14:32

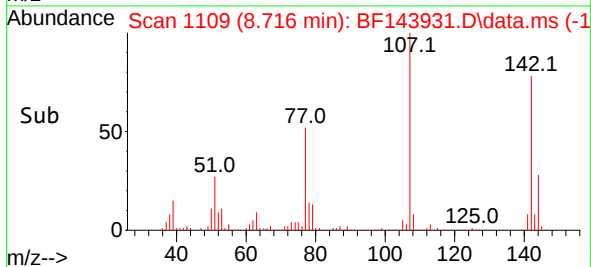
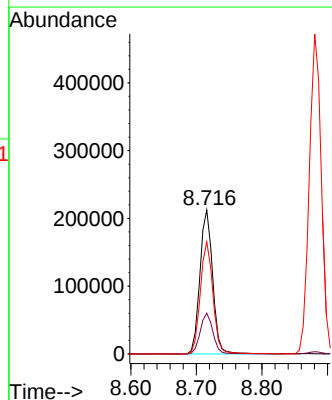
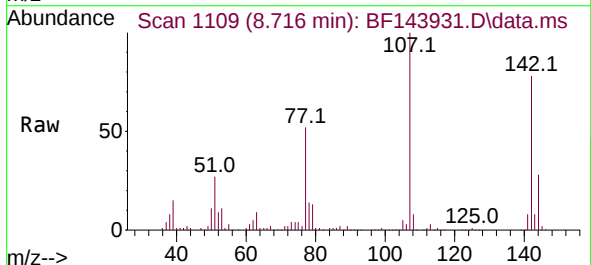
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

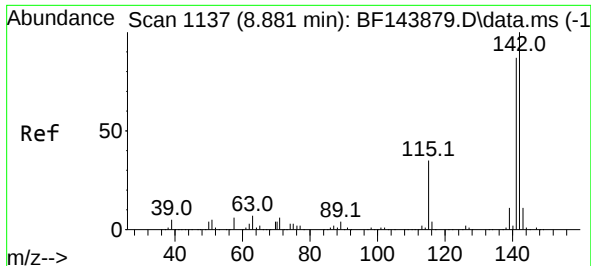
Tgt Ion:113 Resp: 92080
 Ion Ratio Lower Upper
 113 100
 55 225.9 199.6 239.6
 56 169.1 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.292 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143931.D
 Acq: 13 Oct 2025 14:32

Tgt Ion:107 Resp: 285307
 Ion Ratio Lower Upper
 107 100
 144 28.3 23.1 34.7
 142 77.9 62.6 94.0





#37

2-Methylnaphthalene

Concen: 39.546 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

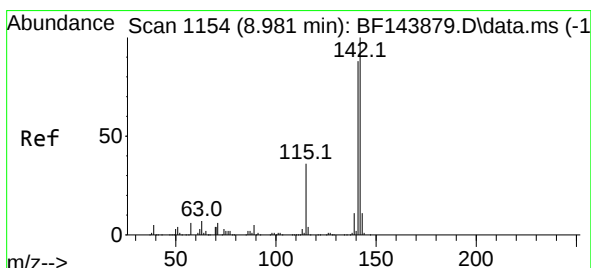
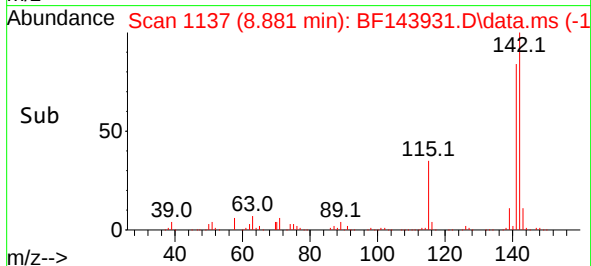
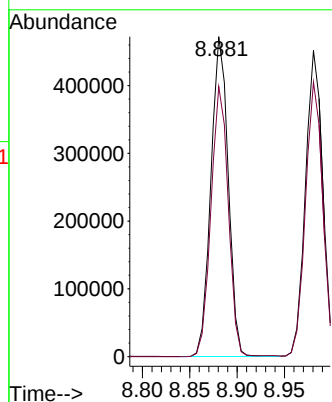
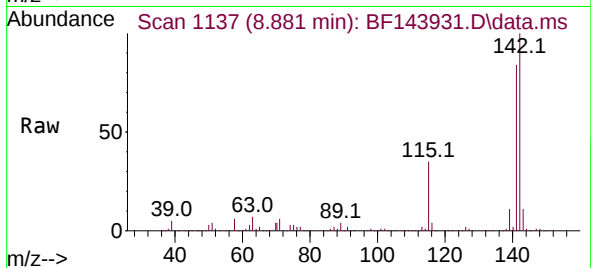
SSTDCCC040

Tgt Ion:142 Resp: 601573

Ion Ratio Lower Upper

142 100

141 84.4 69.2 103.8



#38

1-Methylnaphthalene

Concen: 38.431 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143931.D

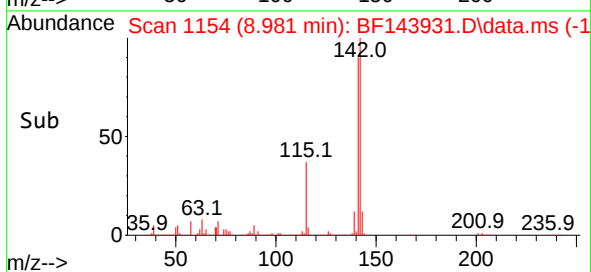
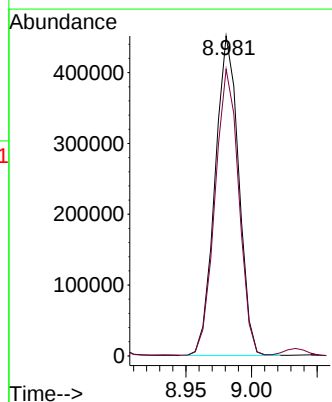
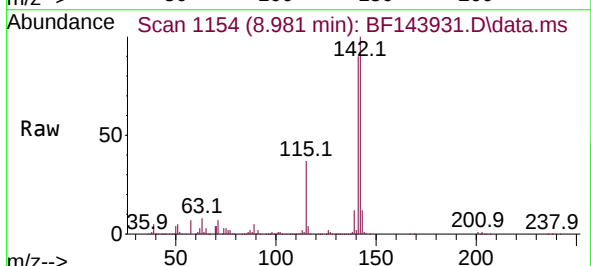
Acq: 13 Oct 2025 14:32

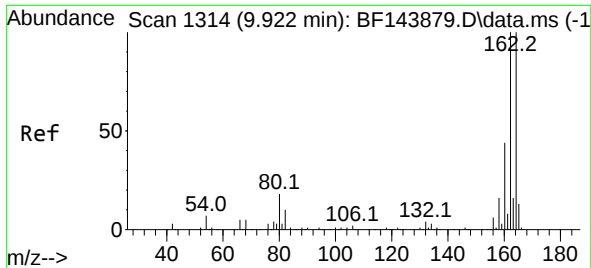
Tgt Ion:142 Resp: 567048

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

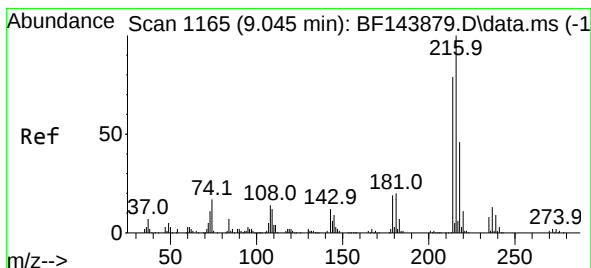
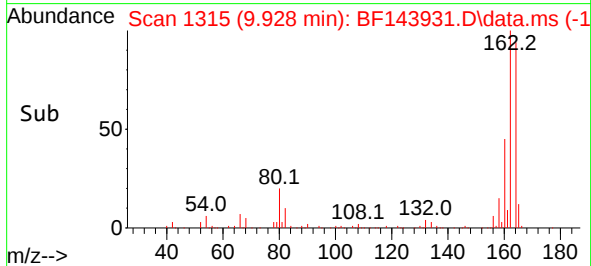
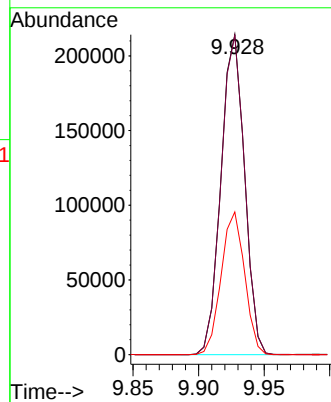
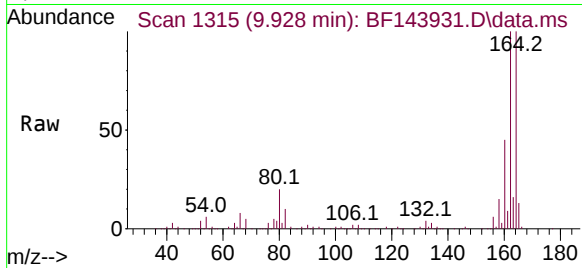
Tgt Ion:164 Resp: 268195

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

160 44.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.954 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Tgt Ion:216 Resp: 303574

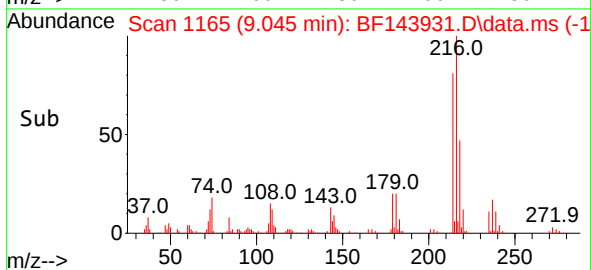
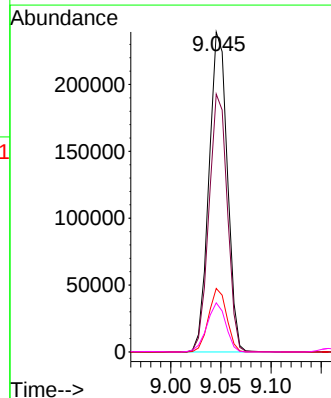
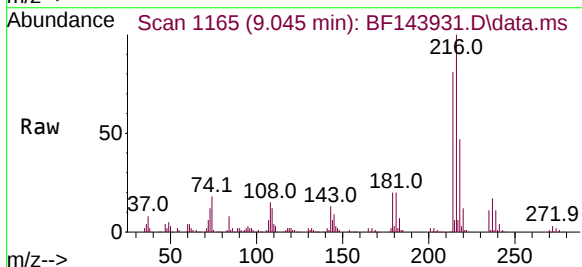
Ion Ratio Lower Upper

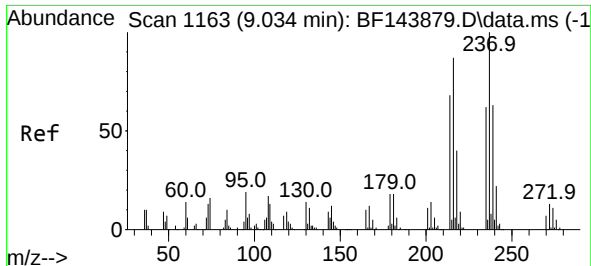
216 100

214 80.3 62.6 94.0

179 19.4 15.4 23.0

108 15.7 12.0 18.0

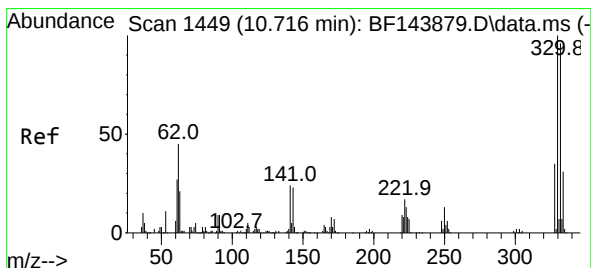
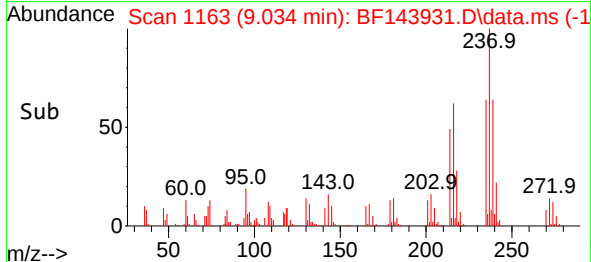
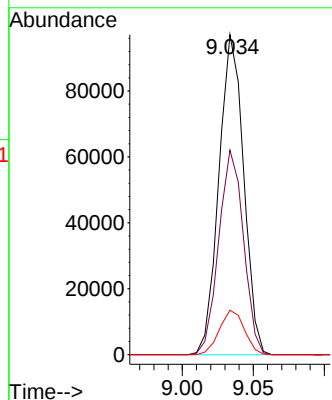
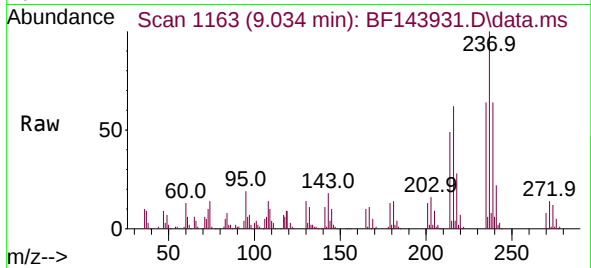




#41
Hexachlorocyclopentadiene
Concen: 38.330 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

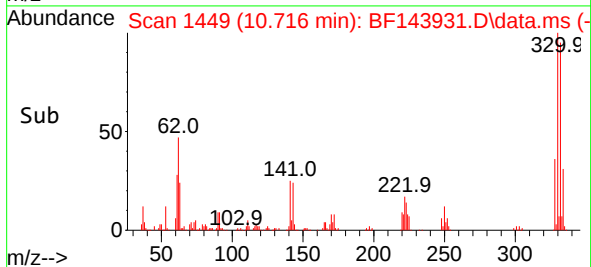
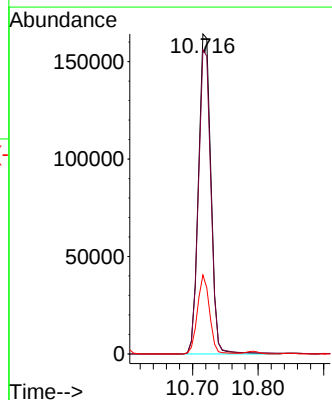
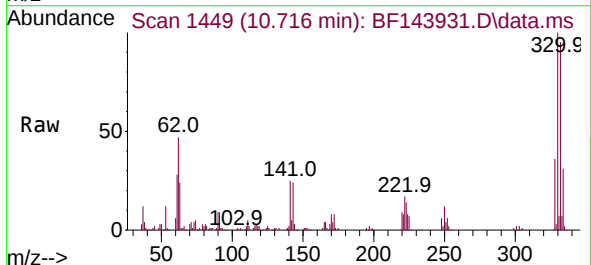
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

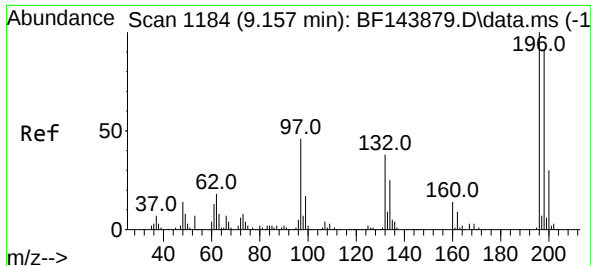
Tgt Ion:237 Resp: 117871
Ion Ratio Lower Upper
237 100
235 63.9 42.3 82.3
272 13.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 80.436 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:330 Resp: 214868
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 24.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 42.626 ng

RT: 9.157 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

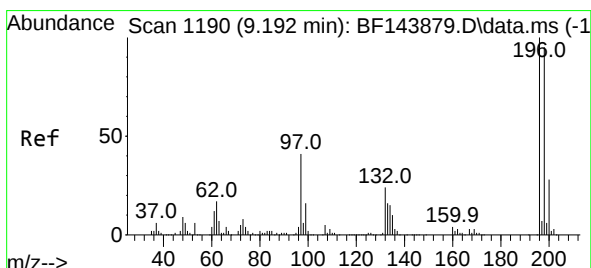
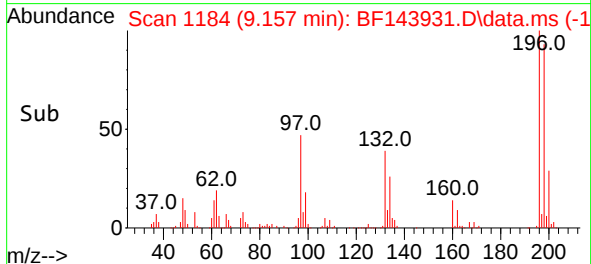
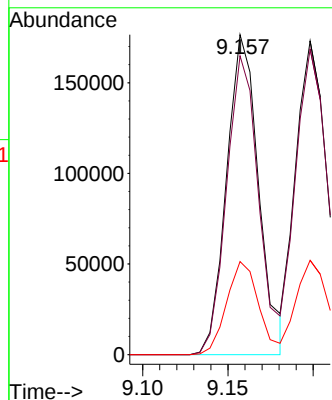
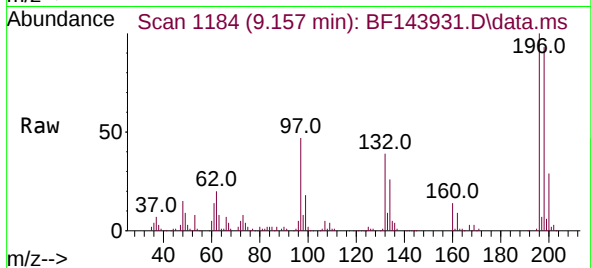
Tgt Ion:196 Resp: 230865

Ion Ratio Lower Upper

196 100

198 93.4 72.8 109.2

200 29.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 39.912 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Tgt Ion:196 Resp: 228433

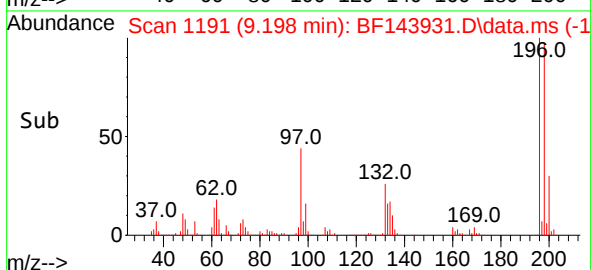
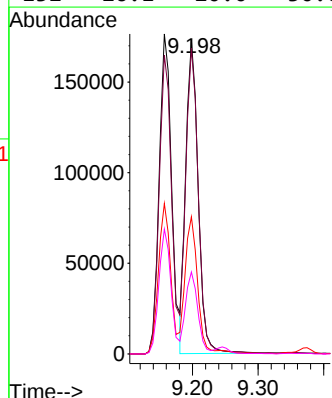
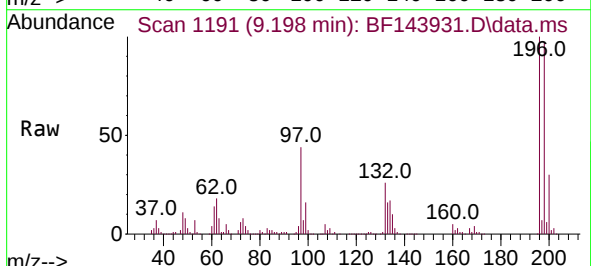
Ion Ratio Lower Upper

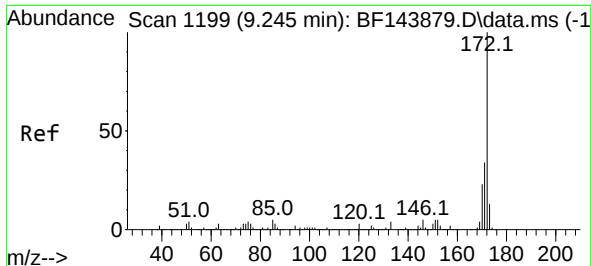
196 100

198 97.4 75.5 113.3

97 43.7 33.9 50.9

132 26.1 20.0 30.0

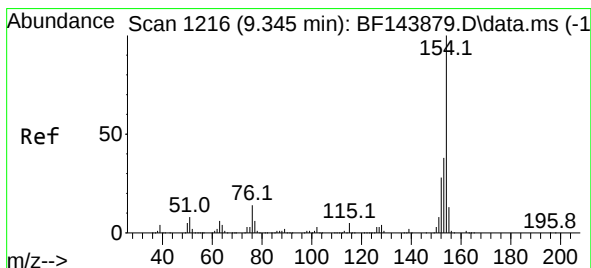
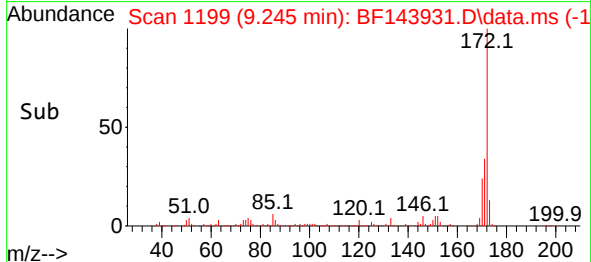
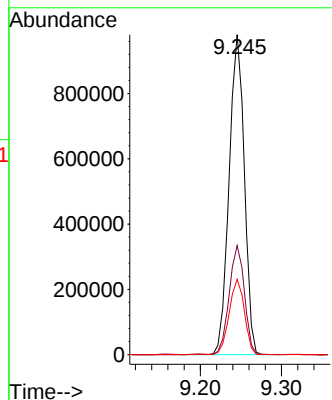
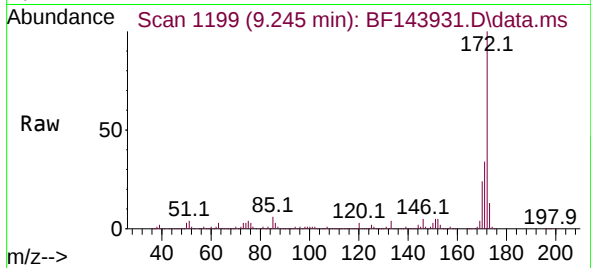




#45
2-Fluorobiphenyl
Concen: 75.510 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

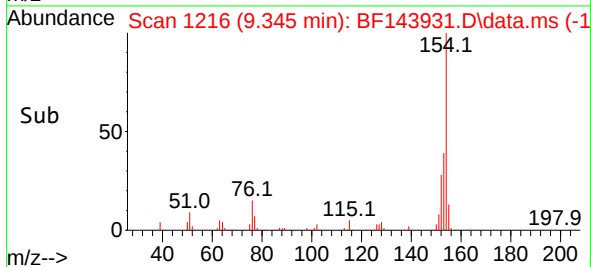
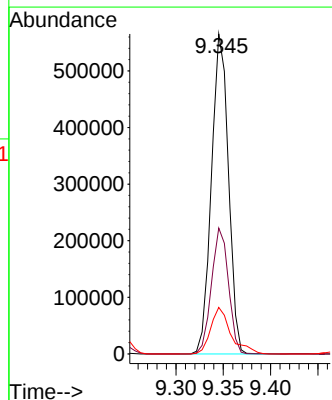
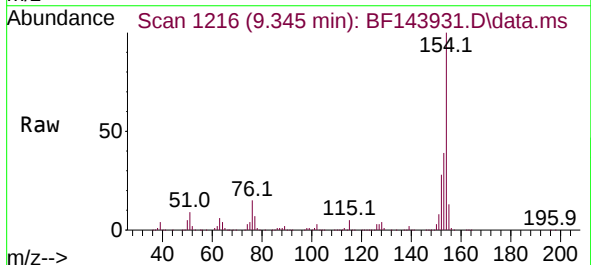
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

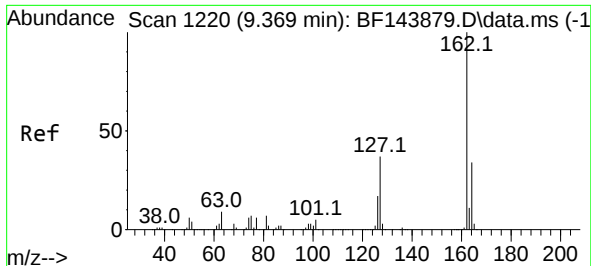
Tgt Ion:172 Resp: 1276291
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.748 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:154 Resp: 705801
Ion Ratio Lower Upper
154 100
153 39.3 18.4 58.4
76 14.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 40.567 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

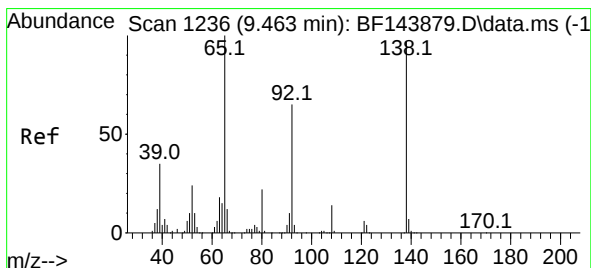
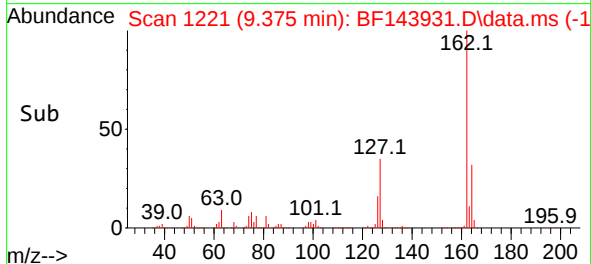
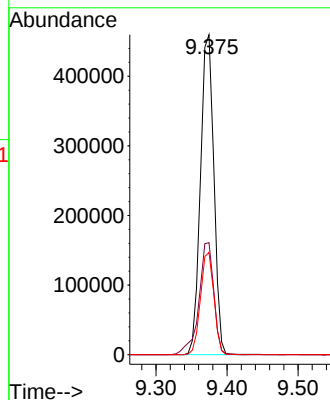
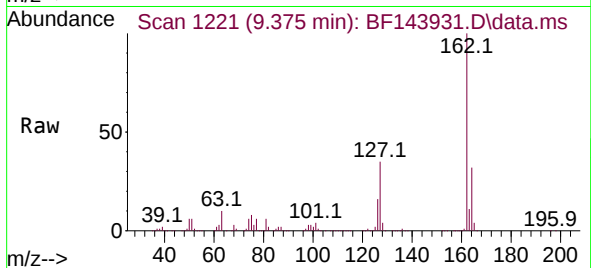
Tgt Ion:162 Resp: 600588

Ion Ratio Lower Upper

162 100

127 35.0 30.2 45.2

164 31.9 26.9 40.3



#48

2-Nitroaniline

Concen: 44.878 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

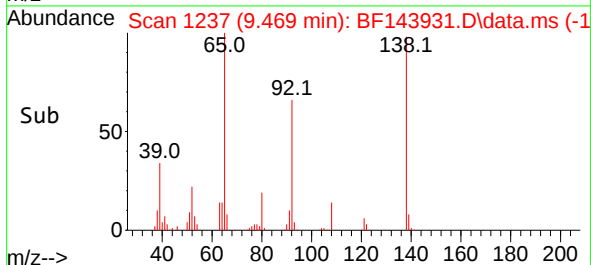
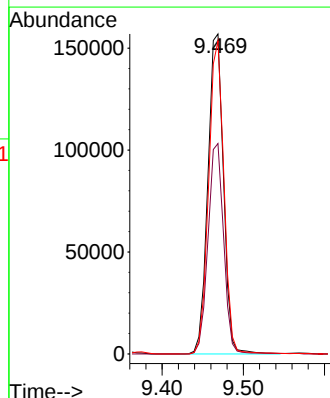
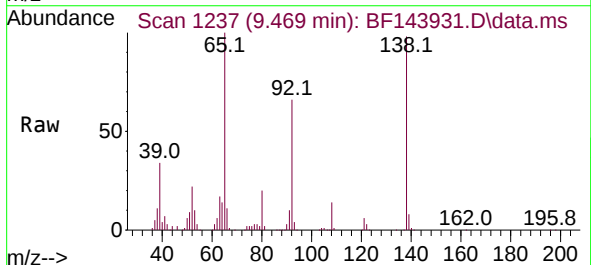
Tgt Ion: 65 Resp: 210058

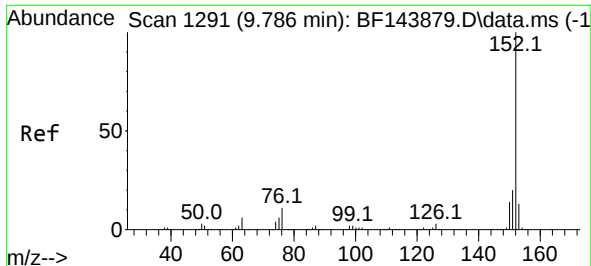
Ion Ratio Lower Upper

65 100

92 65.7 52.1 78.1

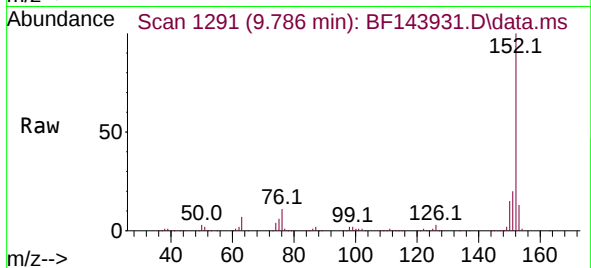
138 97.8 77.4 116.2



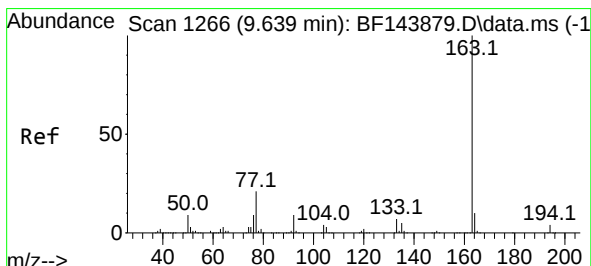
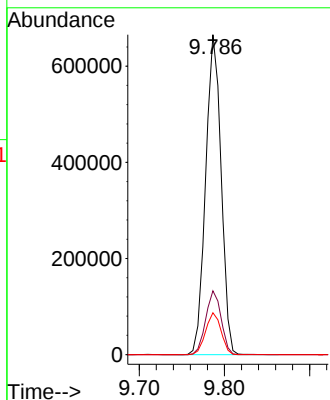
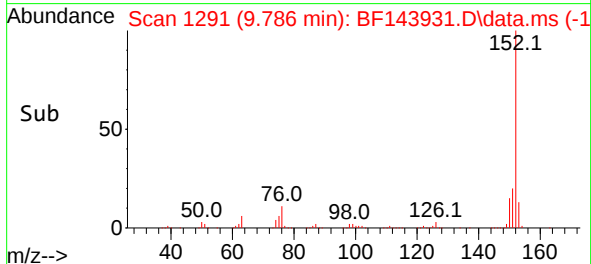


#49
Acenaphthylene
Concen: 40.293 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

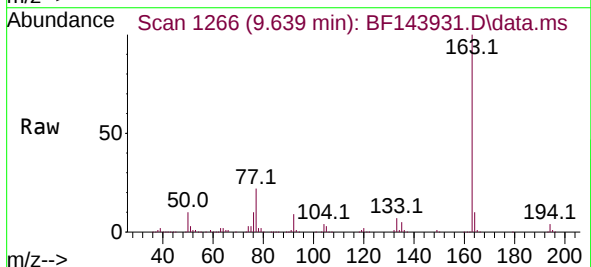
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



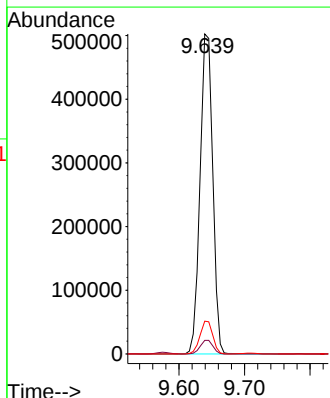
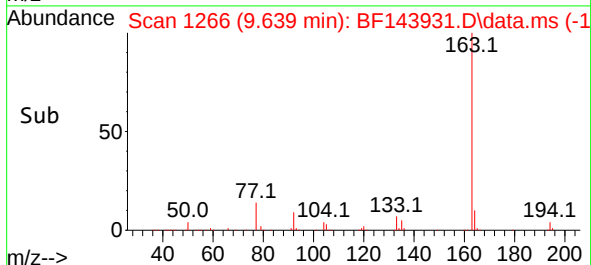
Tgt Ion:152 Resp: 838642
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.1 10.5 15.7

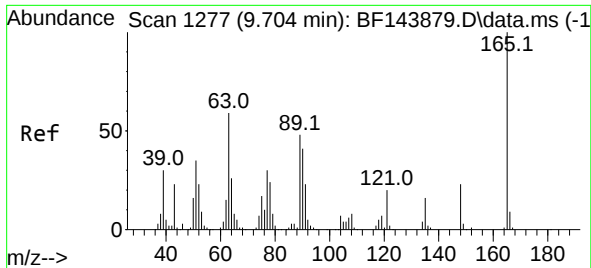


#50
Dimethylphthalate
Concen: 39.420 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32



Tgt Ion:163 Resp: 671382
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.1 12.1

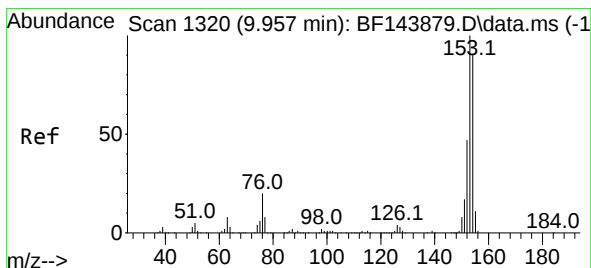
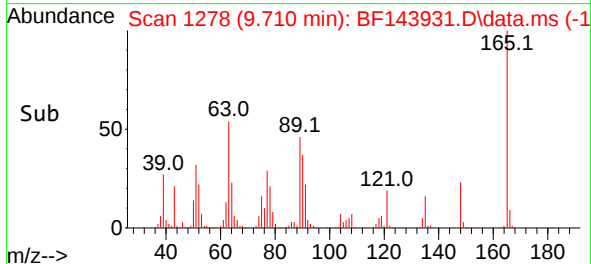
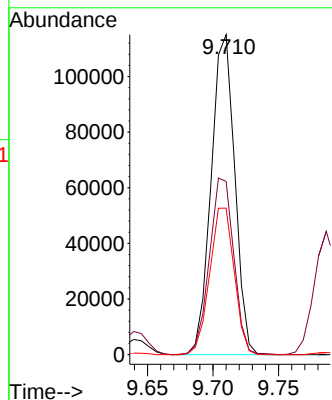
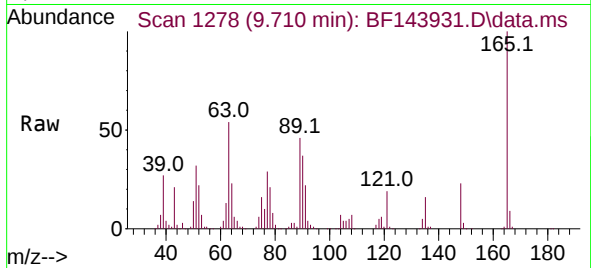




#51
2,6-Dinitrotoluene
Concen: 45.738 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

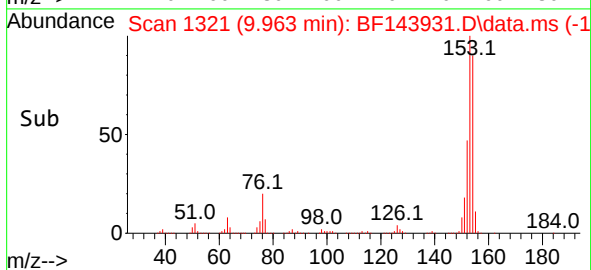
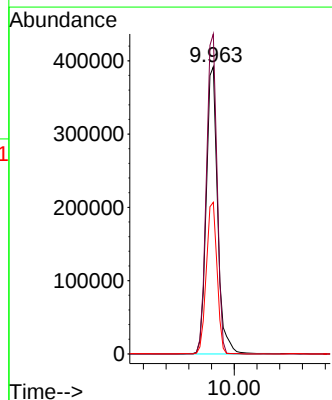
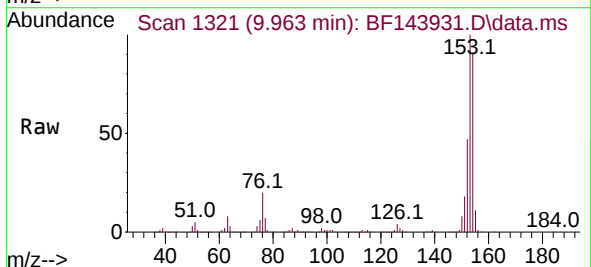
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

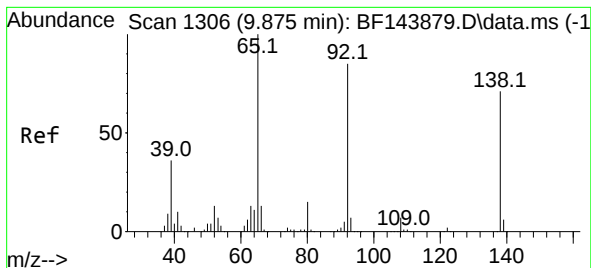
Tgt Ion:165 Resp: 144448
Ion Ratio Lower Upper
165 100
63 54.1 47.3 70.9
89 45.8 38.2 57.4



#52
Acenaphthene
Concen: 40.065 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:154 Resp: 546414
Ion Ratio Lower Upper
154 100
153 111.4 89.3 133.9
152 52.8 42.2 63.2





#53

3-Nitroaniline

Concen: 42.147 ng

RT: 9.881 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

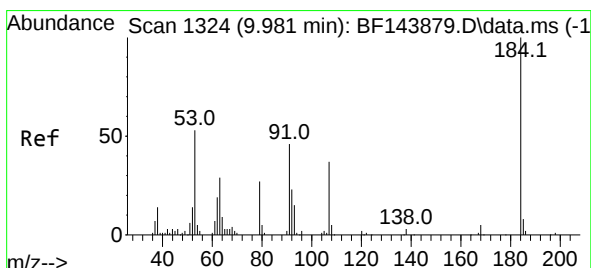
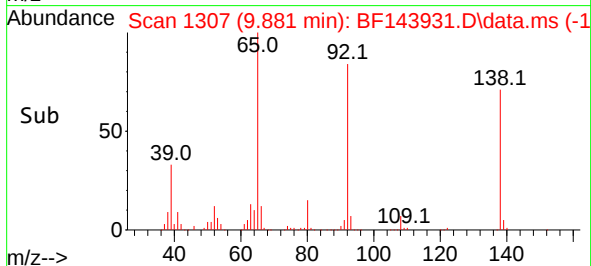
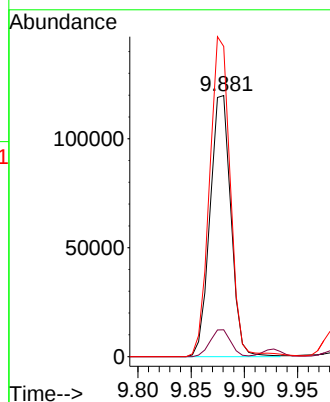
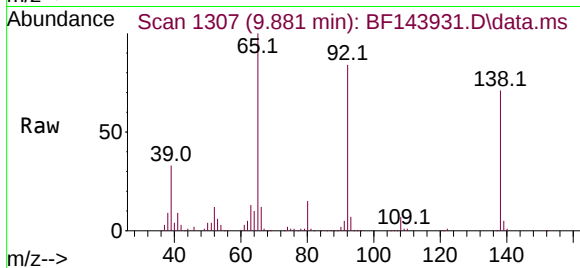
Tgt Ion:138 Resp: 162985

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

92 118.8 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 40.364 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

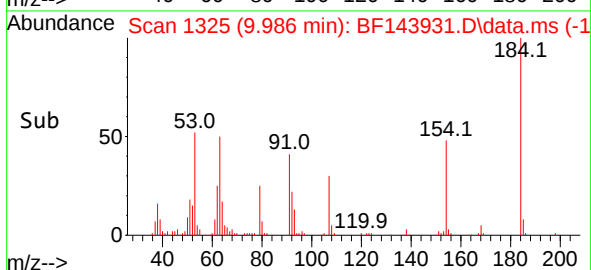
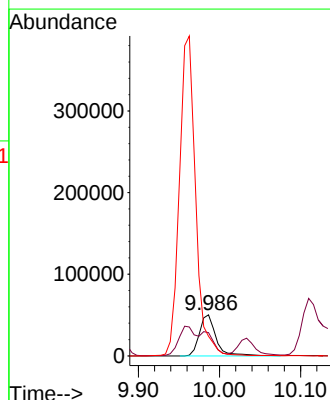
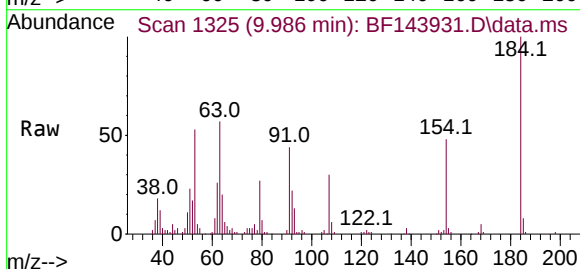
Tgt Ion:184 Resp: 71297

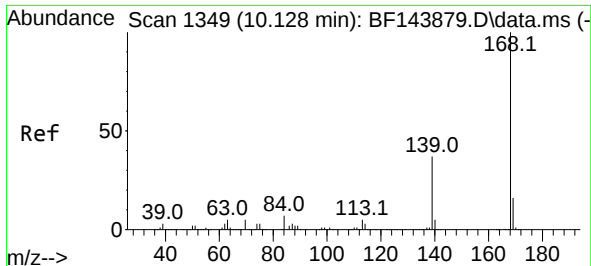
Ion Ratio Lower Upper

184 100

63 56.5 48.2 72.4

154 47.7 49.2 73.8#





#55

Dibenzenofuran

Concen: 39.040 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

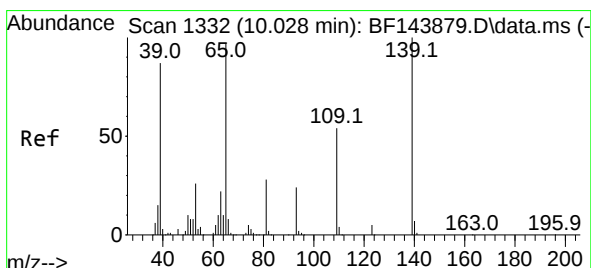
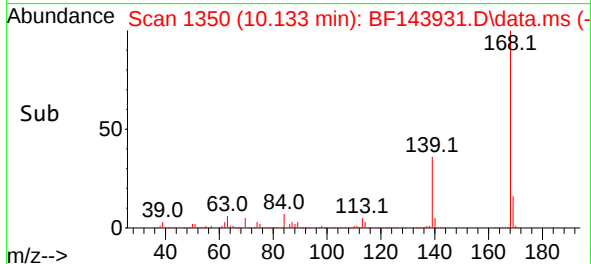
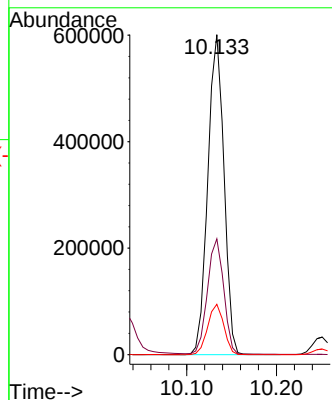
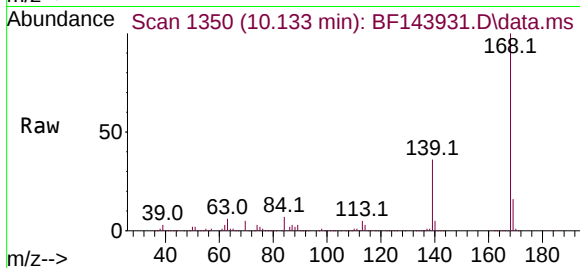
Tgt Ion:168 Resp: 751596

Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.8

169 15.7 12.8 19.2



#56

4-Nitrophenol

Concen: 38.483 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

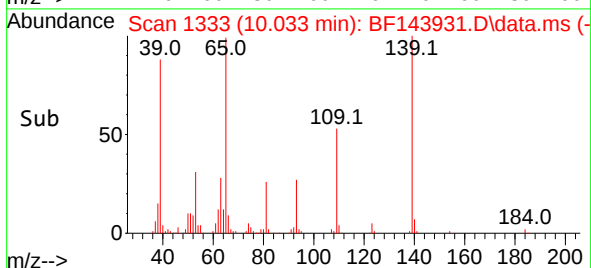
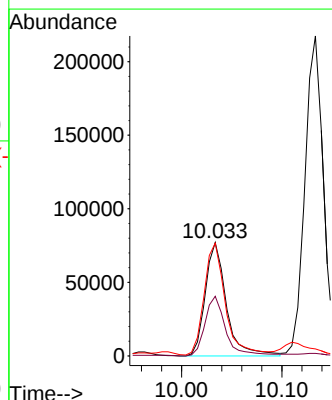
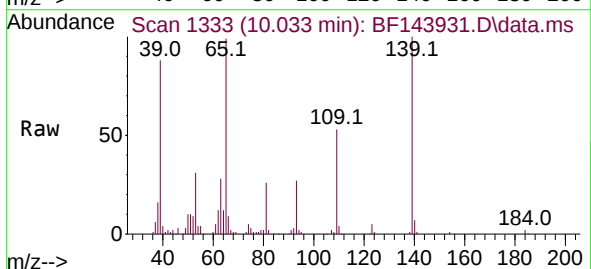
Tgt Ion:139 Resp: 112678

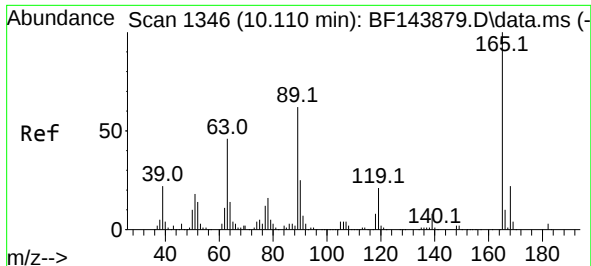
Ion Ratio Lower Upper

139 100

109 52.6 34.5 74.5

65 99.4 77.6 117.6

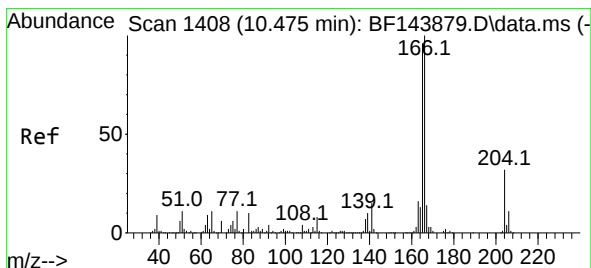
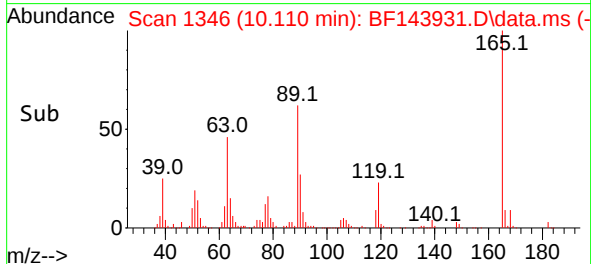
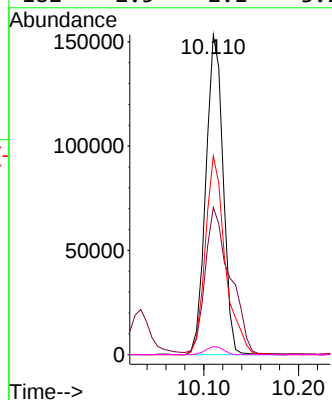
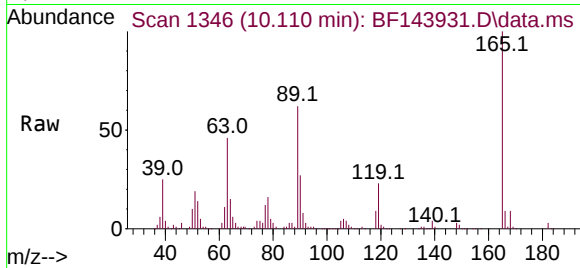




#57
2,4-Dinitrotoluene
Concen: 45.249 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

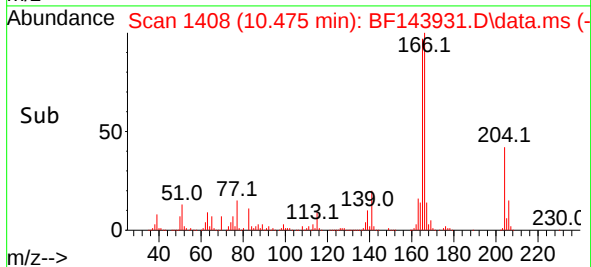
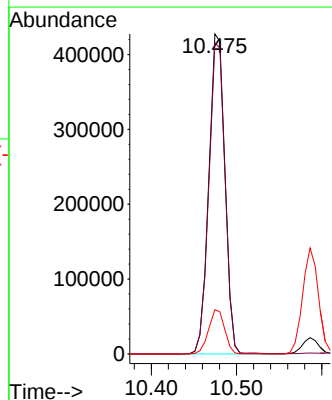
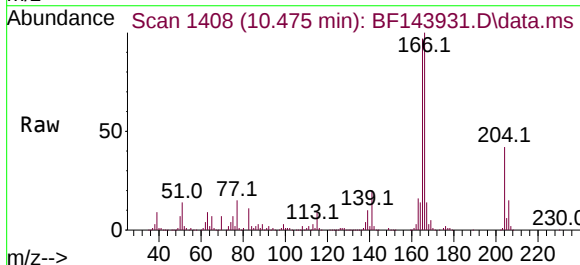
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

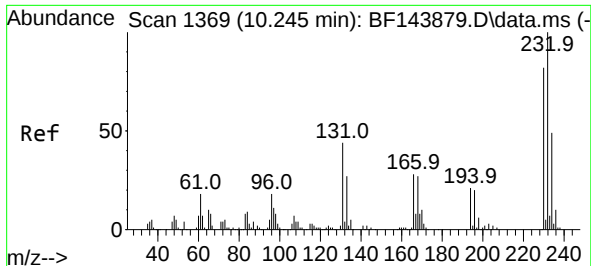
Tgt Ion:165 Resp: 194438
Ion Ratio Lower Upper
165 100
63 46.0 37.2 55.8
89 62.1 49.4 74.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.584 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:166 Resp: 560501
Ion Ratio Lower Upper
166 100
165 97.2 77.0 115.6
167 13.8 11.1 16.7

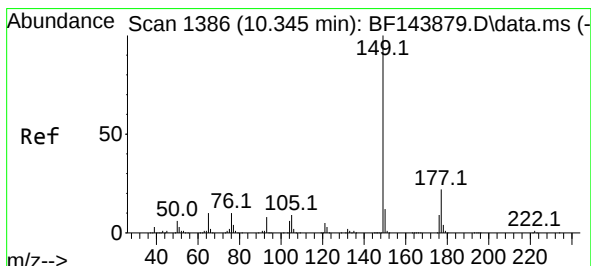
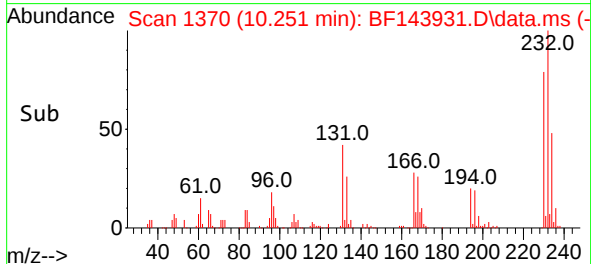
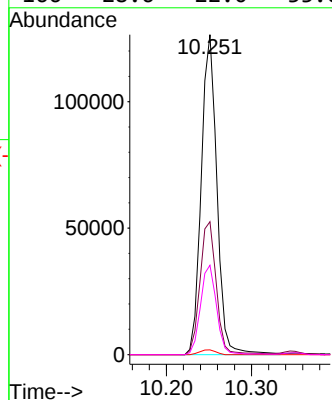
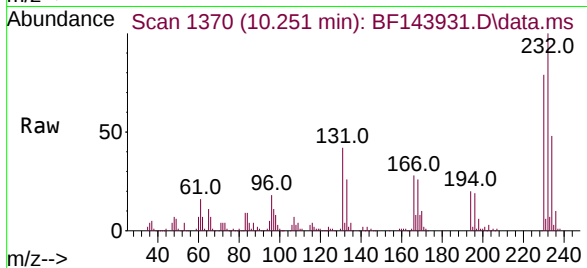




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.869 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

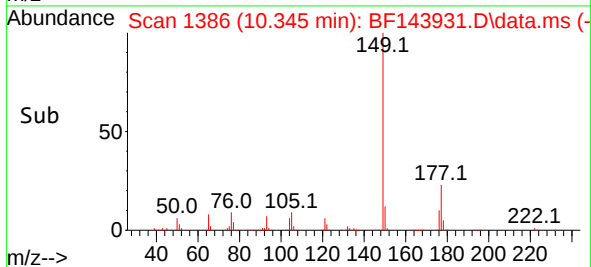
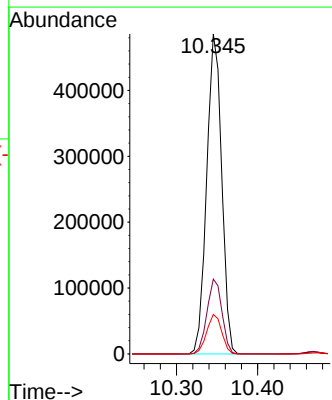
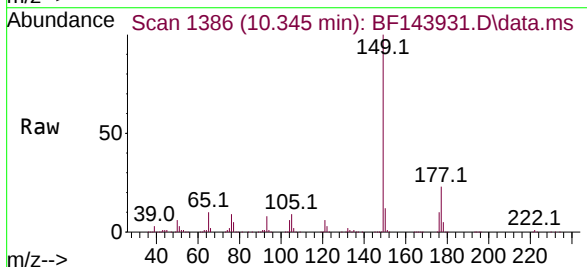
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

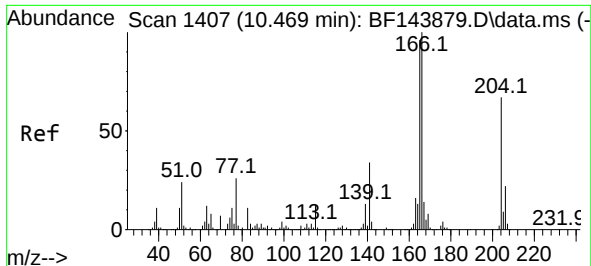
Tgt Ion:232 Resp: 161529
Ion Ratio Lower Upper
232 100
131 43.3 34.9 52.3
130 1.5 1.6 2.4#
166 28.6 22.0 33.0



#60
Diethylphthalate
Concen: 39.419 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:149 Resp: 623709
Ion Ratio Lower Upper
149 100
177 23.4 17.9 26.9
150 12.3 9.8 14.8

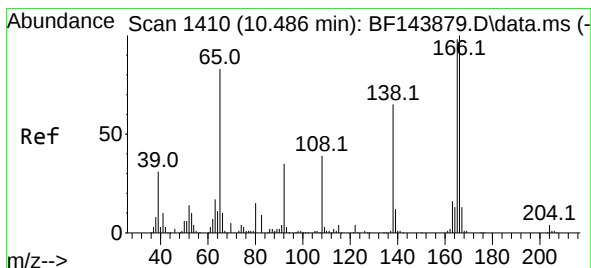
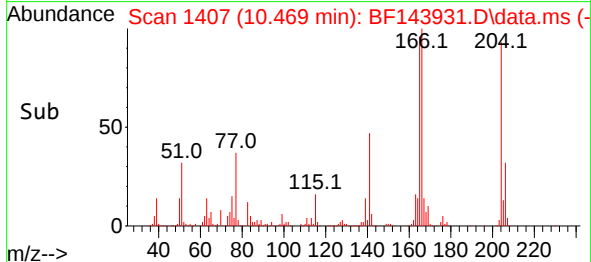
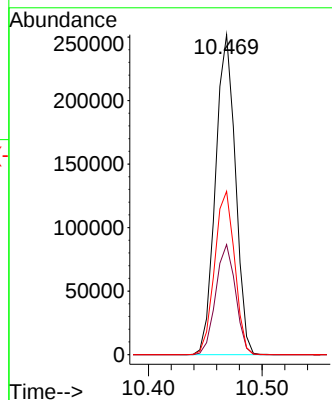
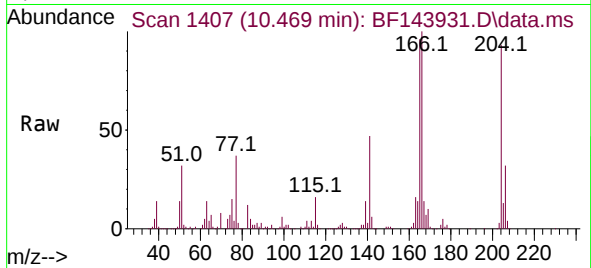




#61
4-Chlorophenyl-phenylether
Concen: 39.860 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

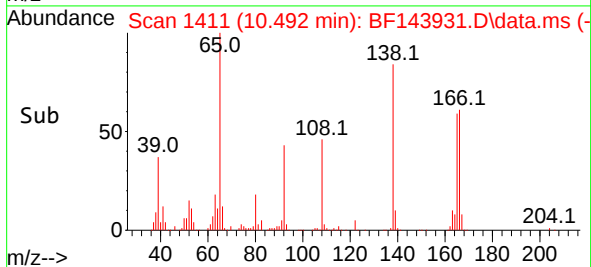
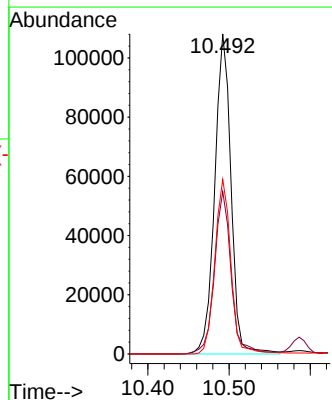
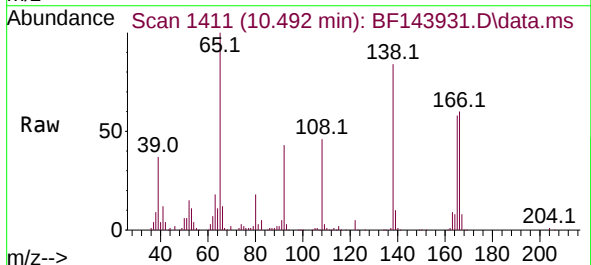
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

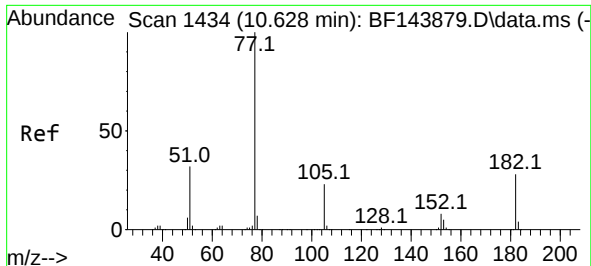
Tgt Ion:204 Resp: 306140
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 51.0 40.4 60.6



#62
4-Nitroaniline
Concen: 40.496 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:138 Resp: 150588
Ion Ratio Lower Upper
138 100
92 50.7 33.9 73.9
108 54.5 40.2 80.2



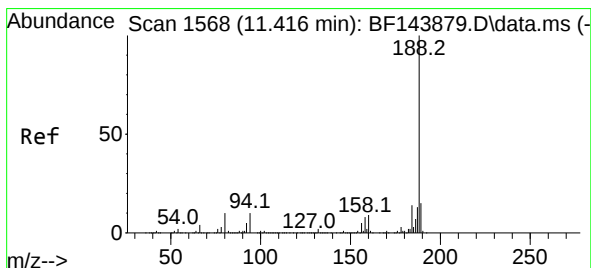
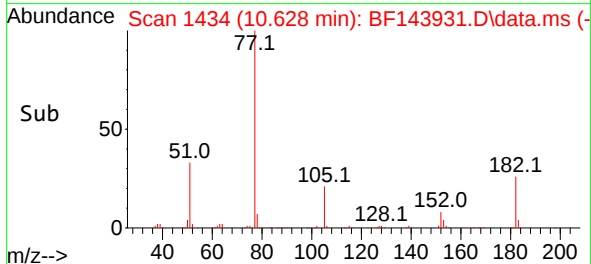
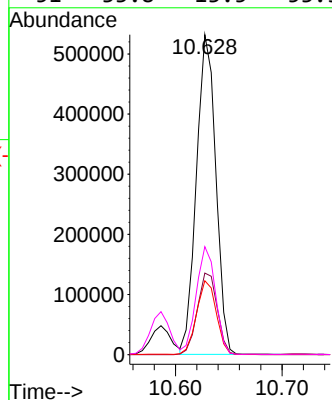
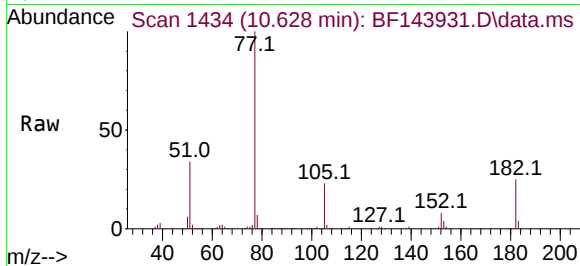


#63
Azobenzene
Concen: 40.646 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 672152

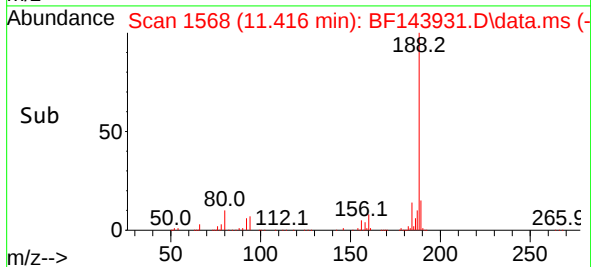
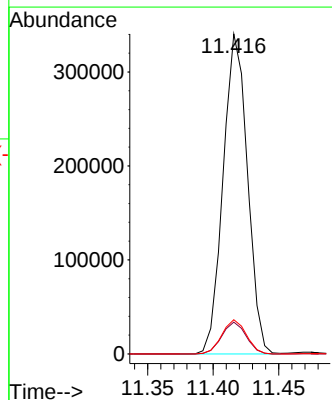
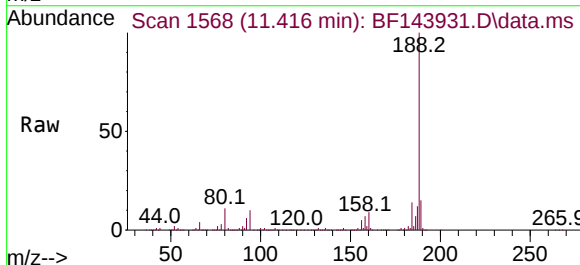
Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.3	47.3
105	23.1	3.0	43.0
51	33.8	13.5	53.5

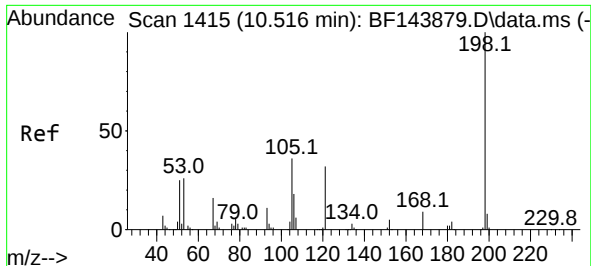


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion: 188 Resp: 439915

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.7	7.9	11.9

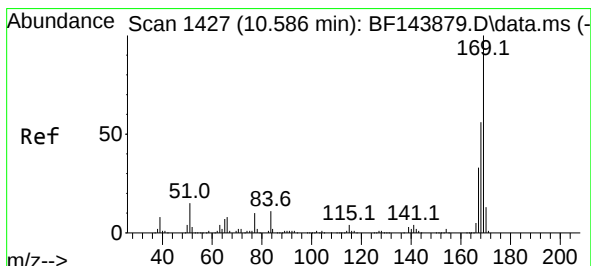
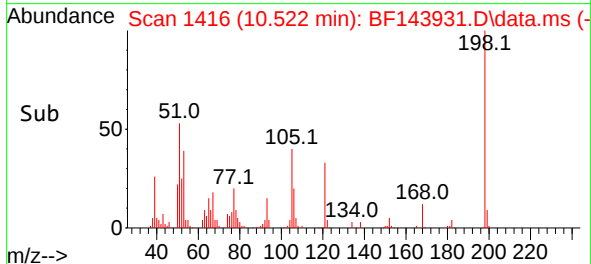
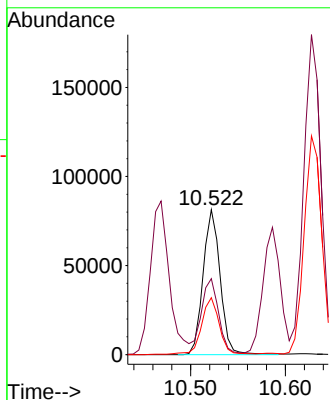
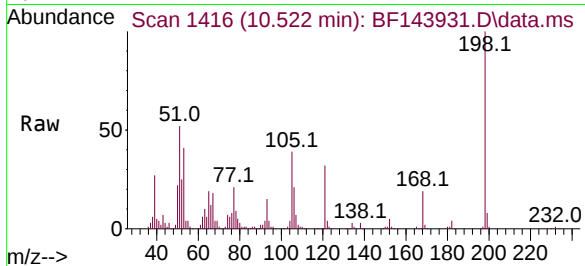




#65
4,6-Dinitro-2-methylphenol
Concen: 46.156 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

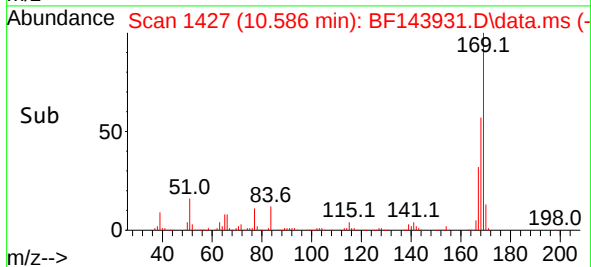
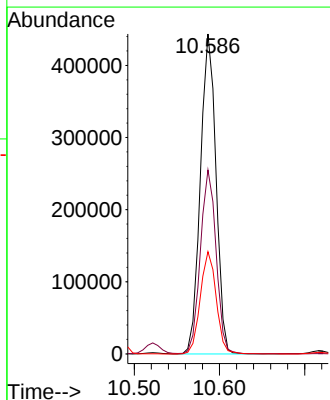
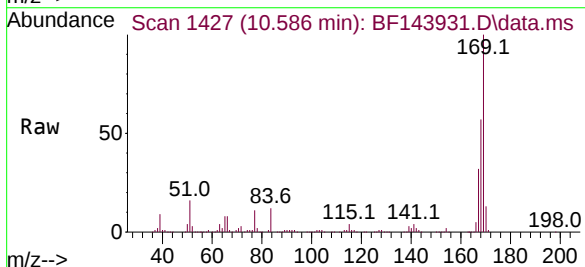
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

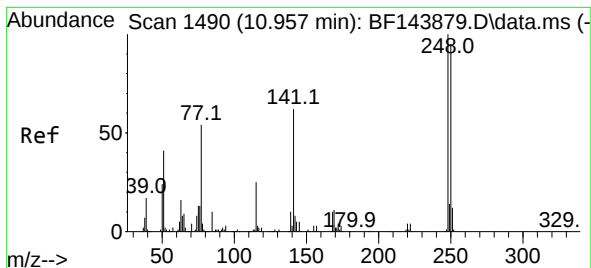
Tgt Ion:198 Resp: 102037
Ion Ratio Lower Upper
198 100
51 52.4 33.8 73.8
105 39.3 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.813 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:169 Resp: 563752
Ion Ratio Lower Upper
169 100
168 57.5 44.9 67.3
167 31.9 26.3 39.5

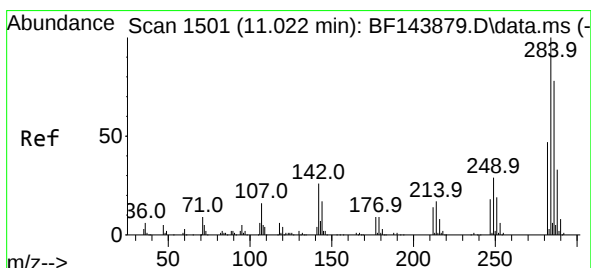
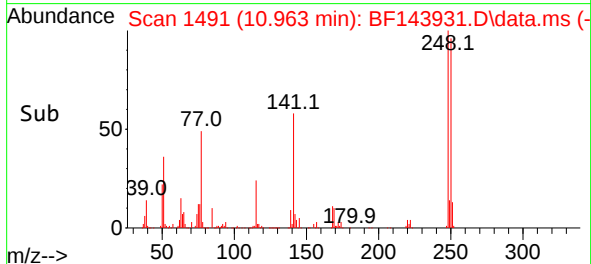
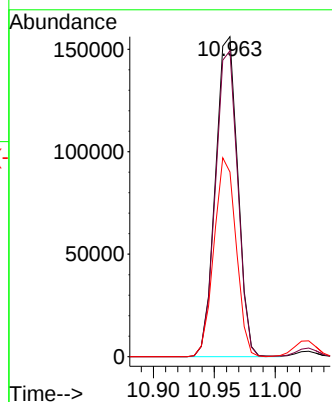
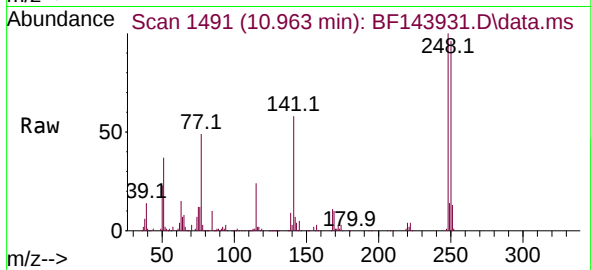




#67
4-Bromophenyl-phenylether
Concen: 40.947 ng
RT: 10.963 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

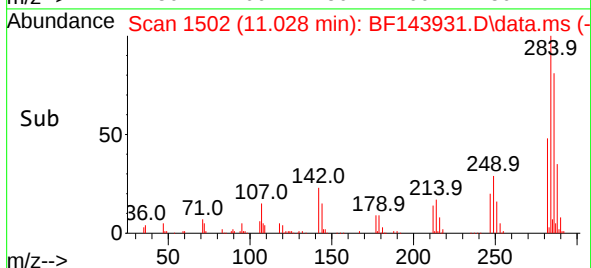
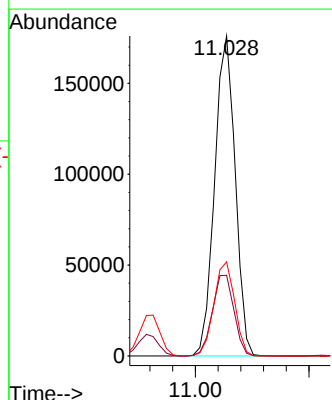
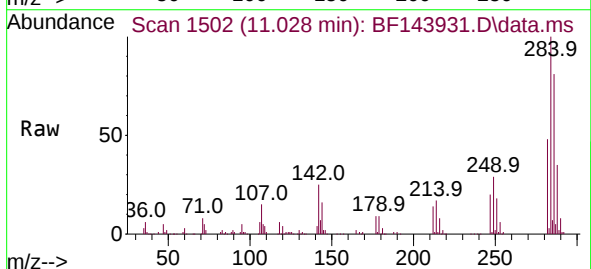
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

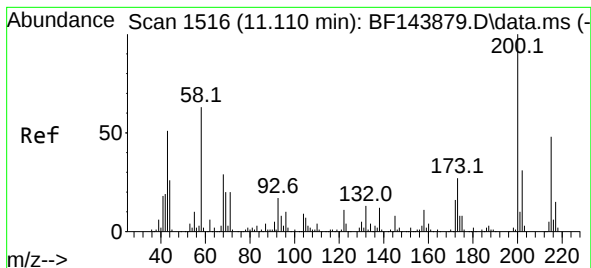
Tgt Ion:248 Resp: 199074
Ion Ratio Lower Upper
248 100
250 95.6 76.3 114.5
141 57.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 39.209 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:284 Resp: 220687
Ion Ratio Lower Upper
284 100
142 25.2 20.6 30.8
249 29.4 23.2 34.8





#69

Atrazine

Concen: 38.999 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

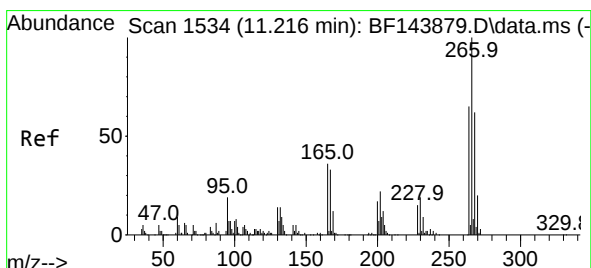
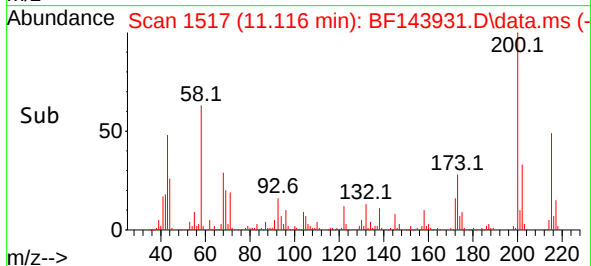
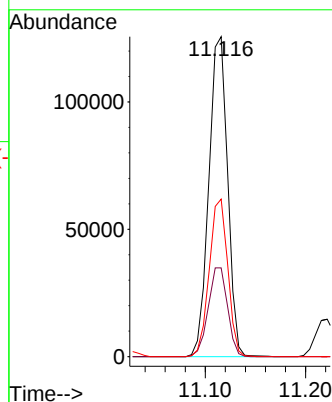
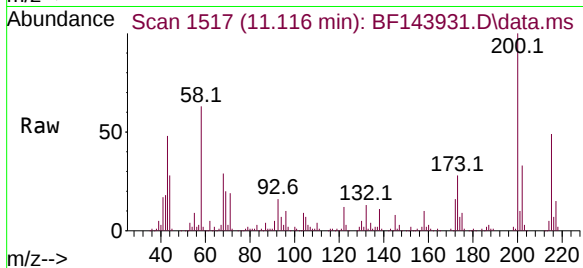
Tgt Ion:200 Resp: 163272

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 49.2 27.8 67.8



#70

Pentachlorophenol

Concen: 38.635 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

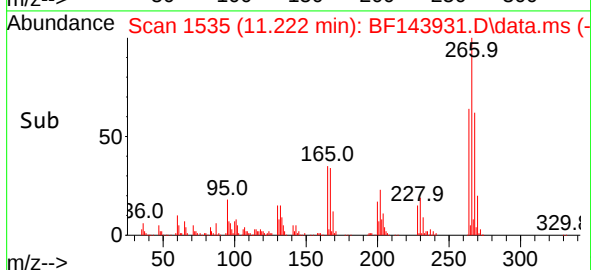
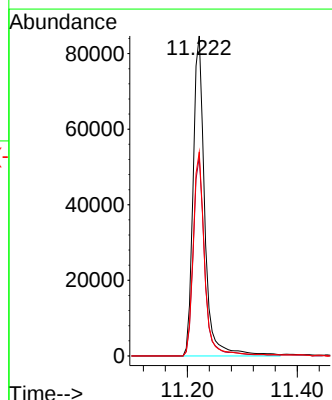
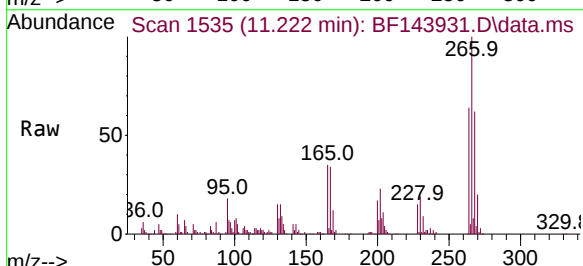
Tgt Ion:266 Resp: 124893

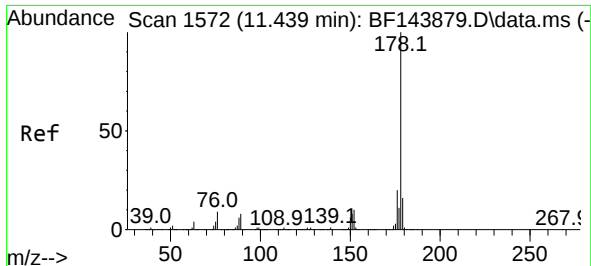
Ion Ratio Lower Upper

266 100

268 62.2 49.4 74.0

264 63.7 51.8 77.6

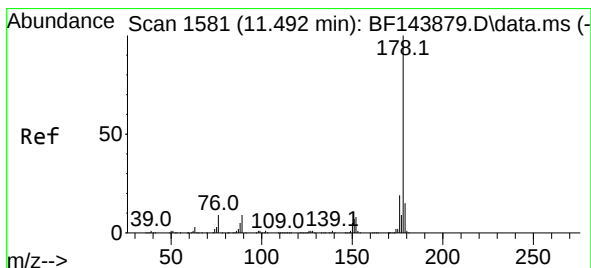
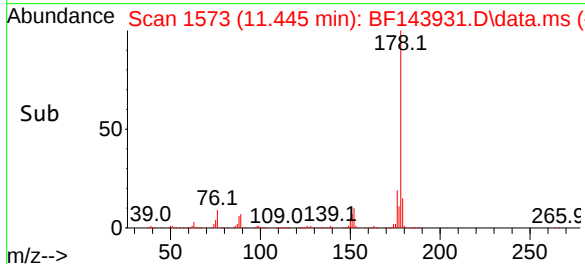
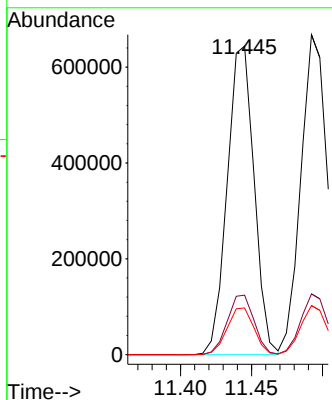
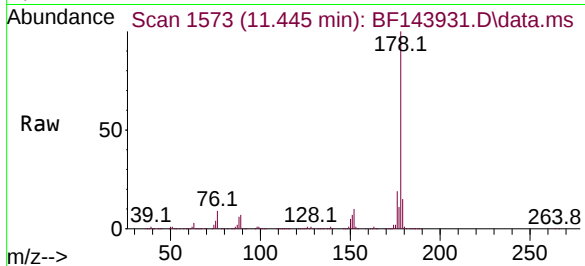




#71
Phenanthrene
Concen: 39.780 ng
RT: 11.445 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

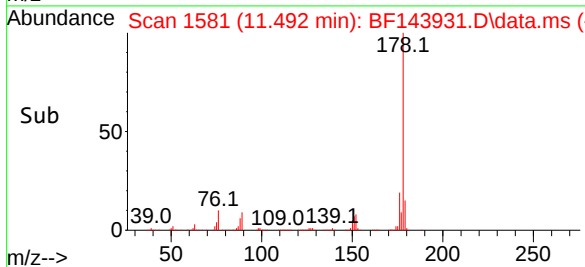
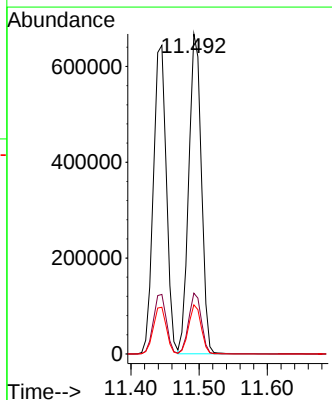
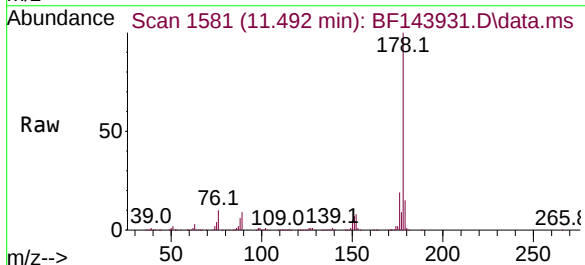
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

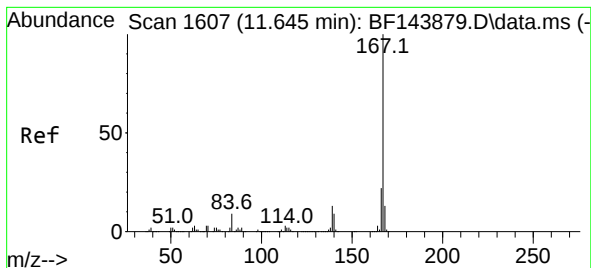
Tgt Ion:178 Resp: 848405
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 39.946 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:178 Resp: 860660
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.4 12.2 18.2





#73

Carbazole

Concen: 38.991 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

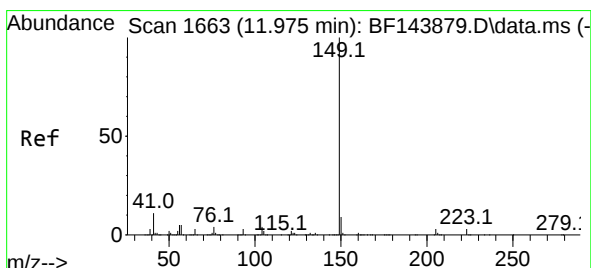
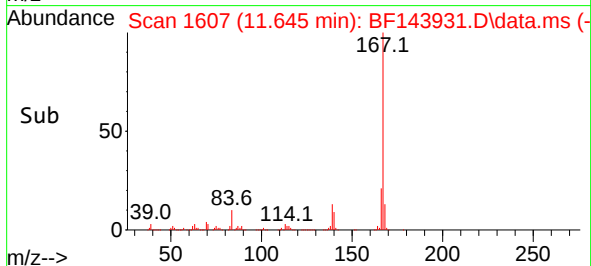
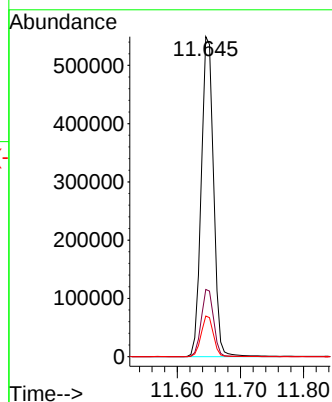
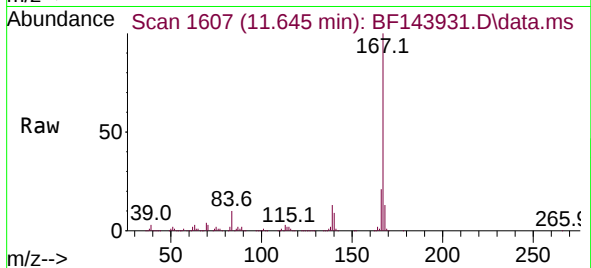
Tgt Ion:167 Resp: 744027

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 12.7 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.033 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

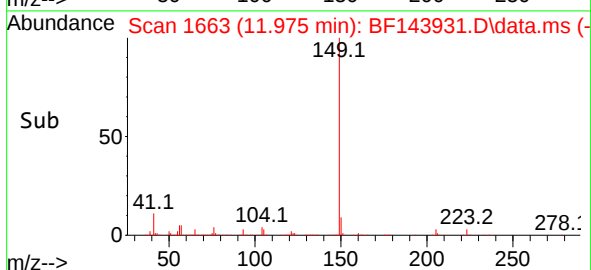
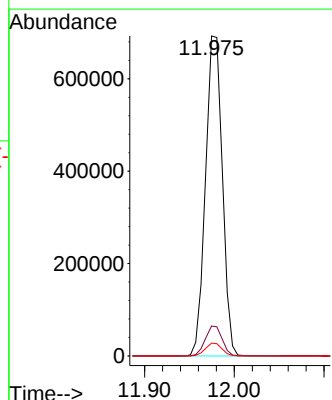
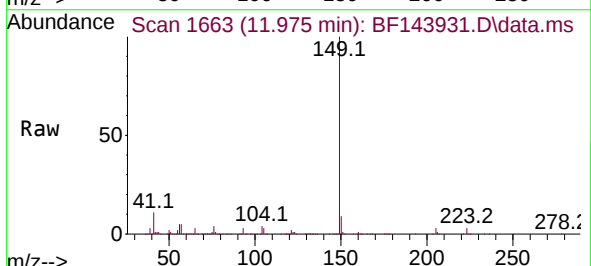
Tgt Ion:149 Resp: 907465

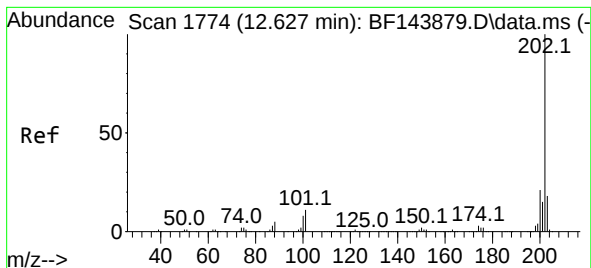
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.0 3.4 5.2





#75

Fluoranthene

Concen: 37.472 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

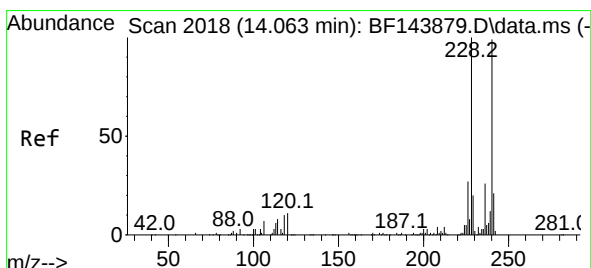
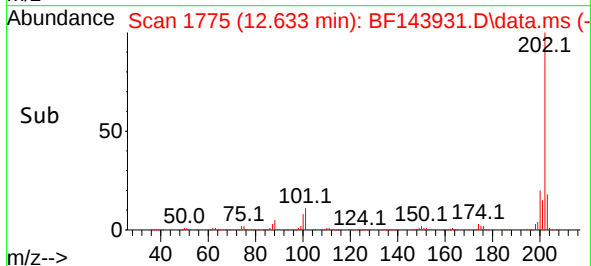
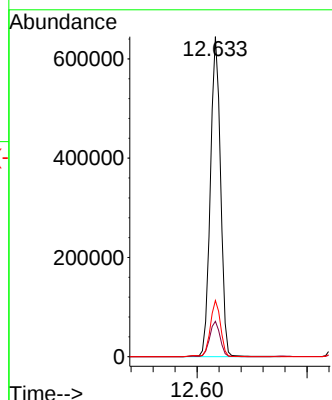
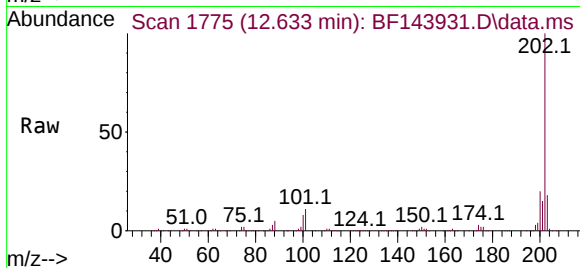
Tgt Ion:202 Resp: 825481

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

203 17.5 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

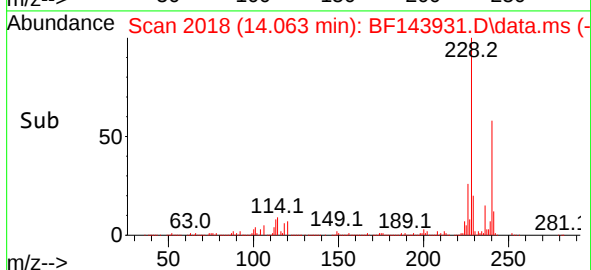
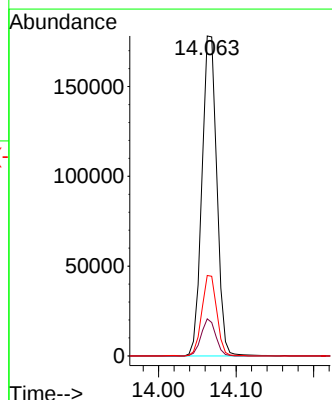
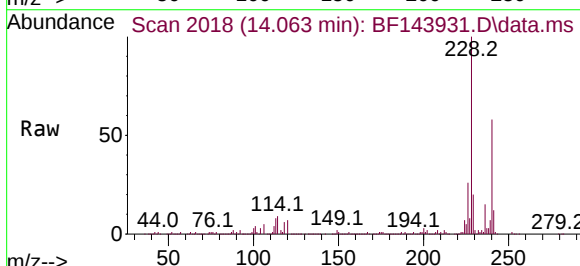
Tgt Ion:240 Resp: 237468

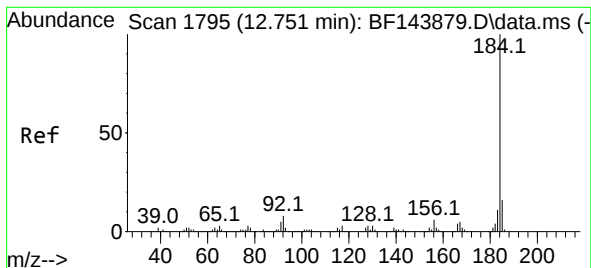
Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 25.1 21.1 31.7





#77

Benzidine

Concen: 35.729 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

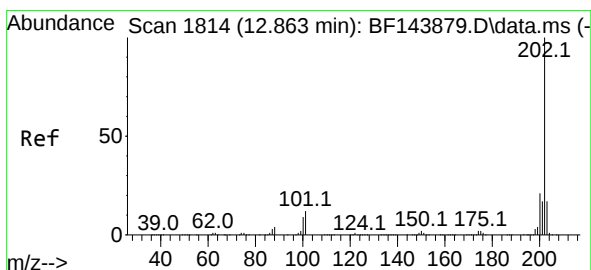
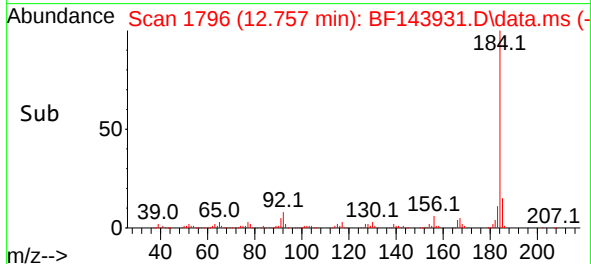
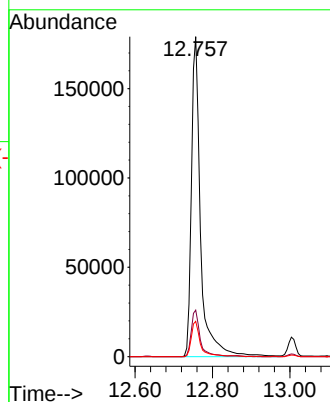
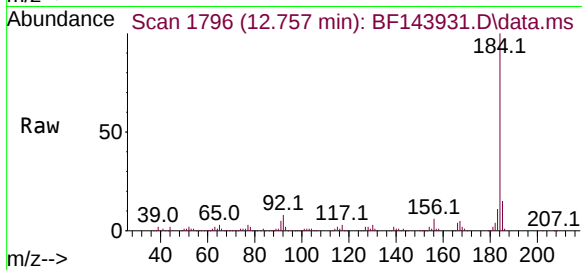
Tgt Ion:184 Resp: 294601

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 11.0 8.8 13.2



#78

Pyrene

Concen: 42.184 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

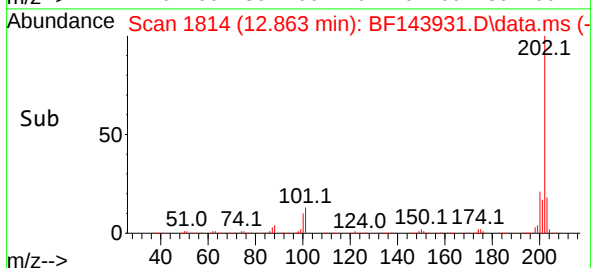
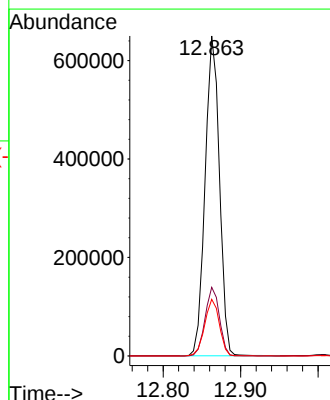
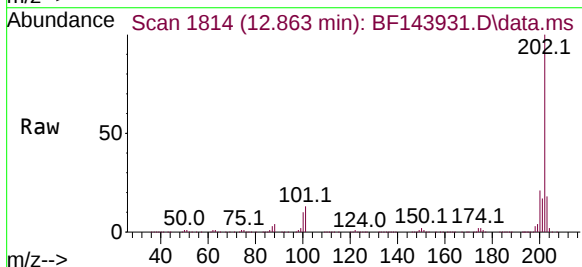
Tgt Ion:202 Resp: 835133

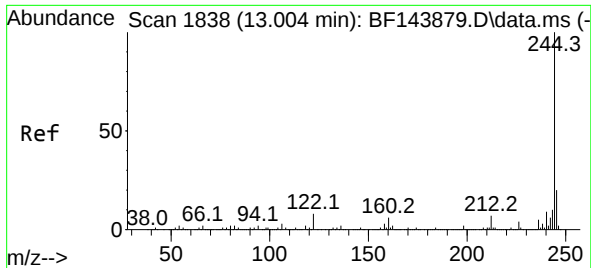
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.7 13.8 20.6

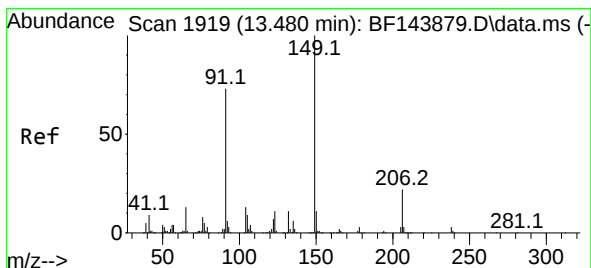
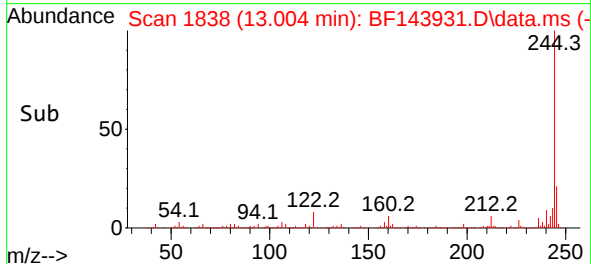
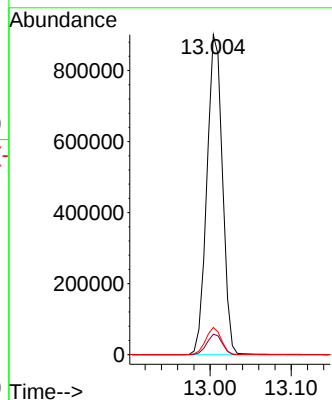
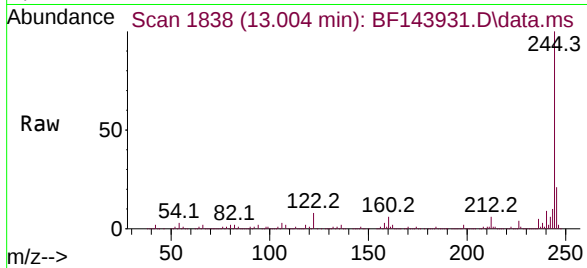




#79
 Terphenyl-d14
 Concen: 86.273 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143931.D
 Acq: 13 Oct 2025 14:32

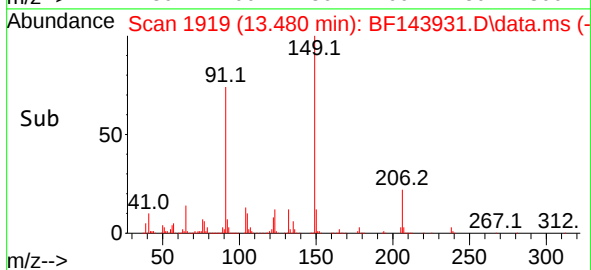
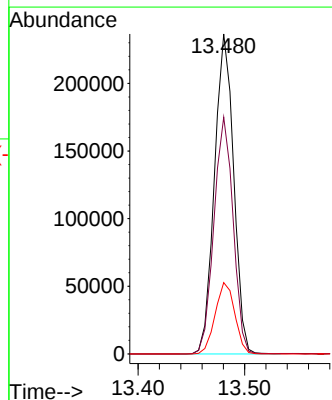
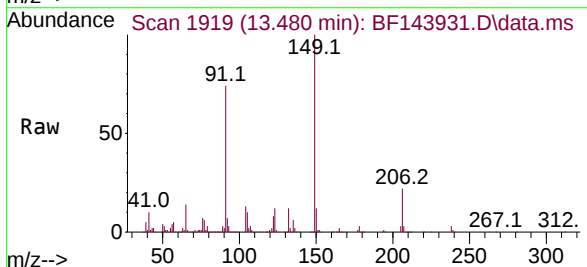
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

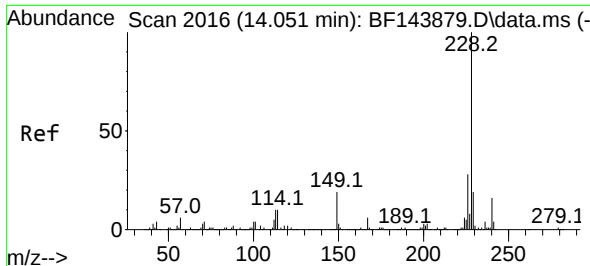
Tgt Ion:244 Resp: 1198719
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.5 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 46.052 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143931.D
 Acq: 13 Oct 2025 14:32

Tgt Ion:149 Resp: 296093
 Ion Ratio Lower Upper
 149 100
 91 74.0 58.2 87.2
 206 22.3 17.9 26.9

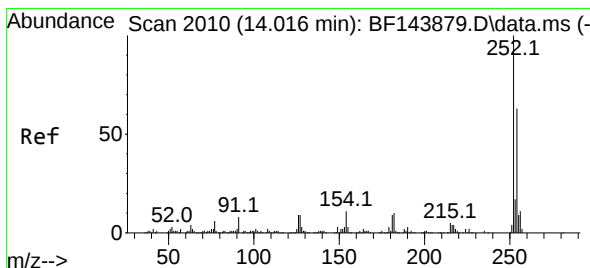
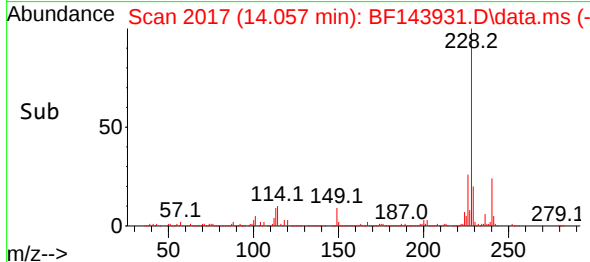
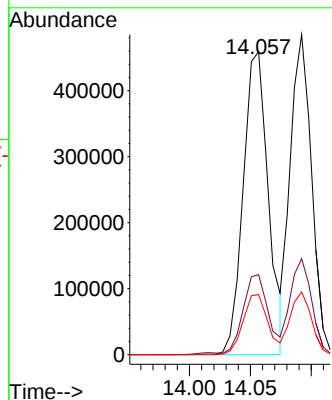
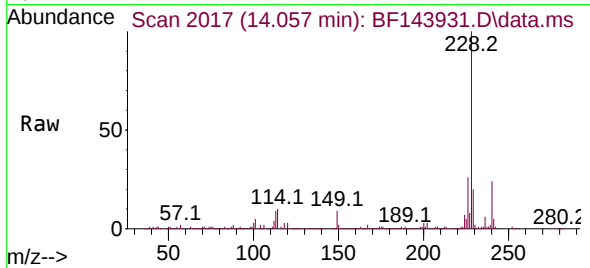




#81
Benzo(a)anthracene
Concen: 42.319 ng
RT: 14.057 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

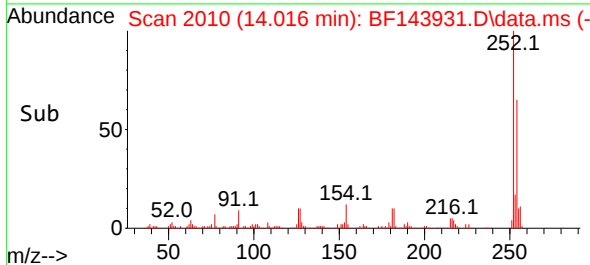
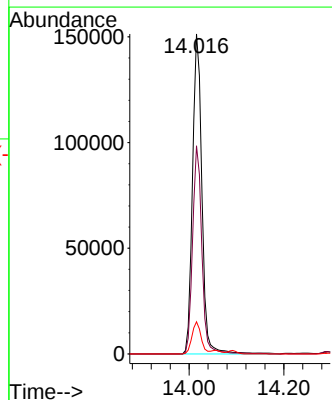
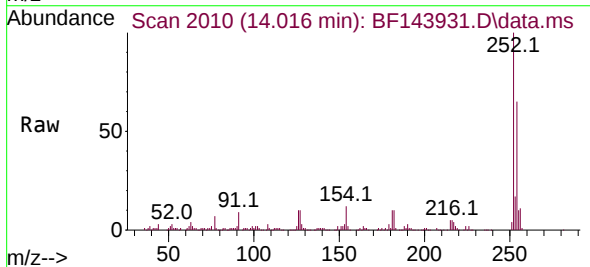
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

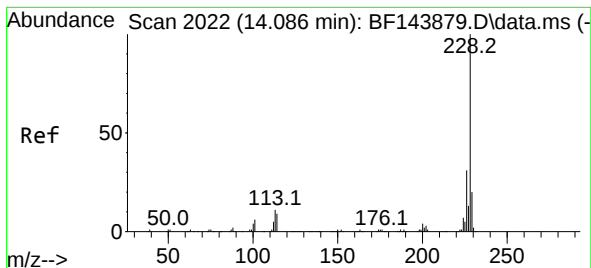
Tgt Ion:228 Resp: 657643
Ion Ratio Lower Upper
228 100
226 26.4 22.2 33.2
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.030 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:252 Resp: 208518
Ion Ratio Lower Upper
252 100
254 65.0 50.6 76.0
126 10.0 7.0 10.6





#83

Chrysene

Concen: 41.274 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

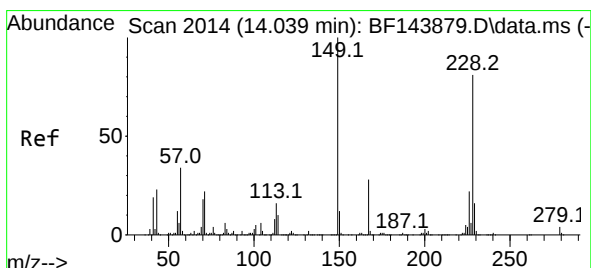
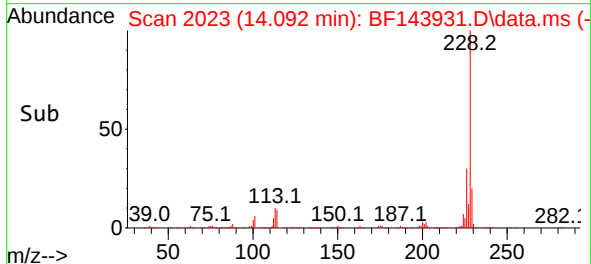
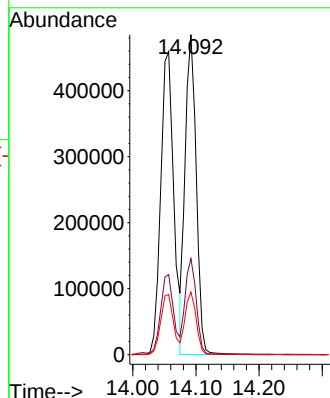
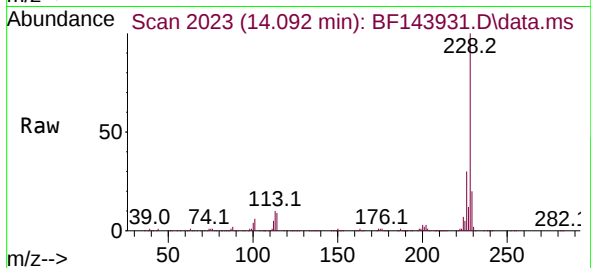
Tgt Ion:228 Resp: 593625

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.214 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

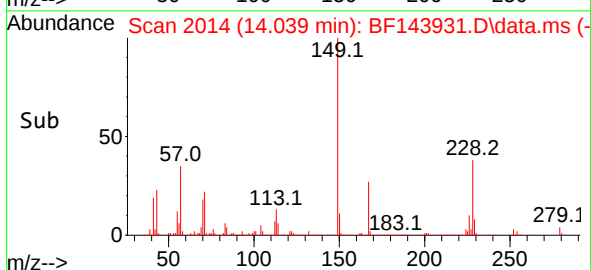
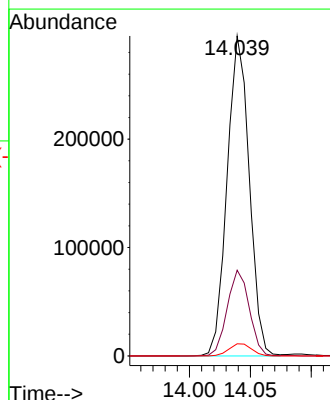
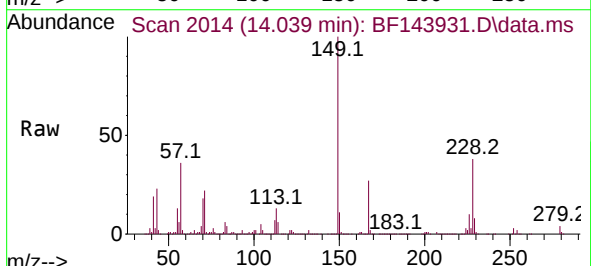
Tgt Ion:149 Resp: 373681

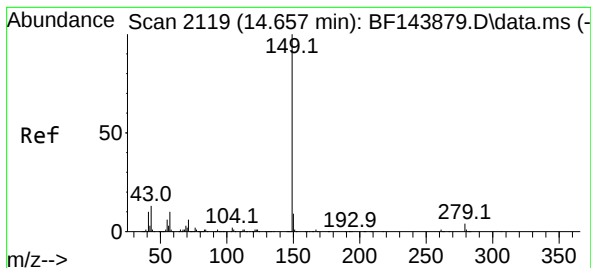
Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.4

279 3.8 3.1 4.7

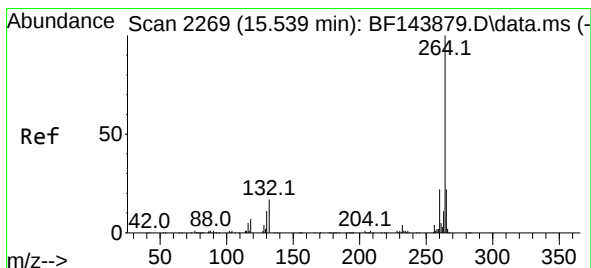
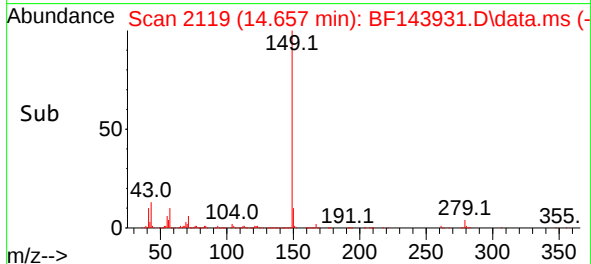
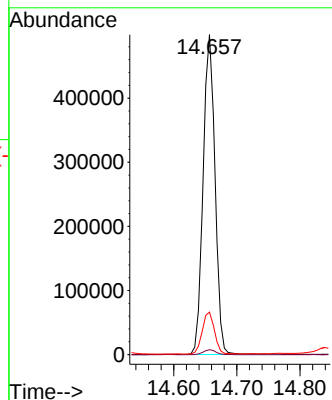
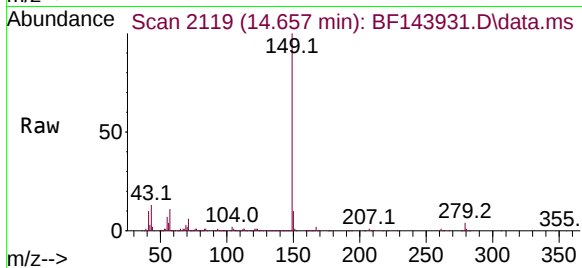




#85
Di-n-octyl phthalate
Concen: 51.221 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

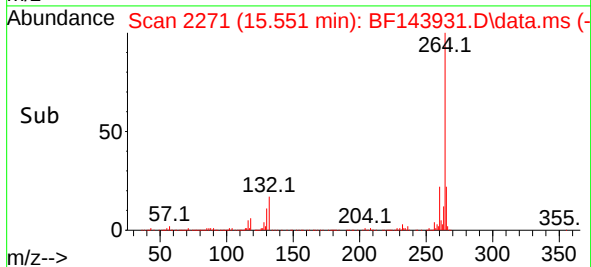
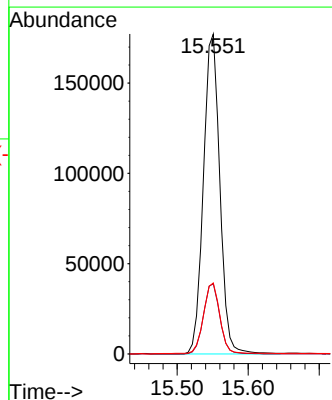
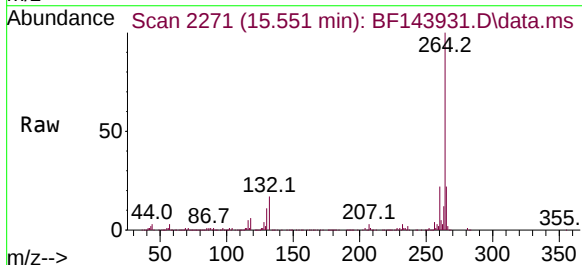
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

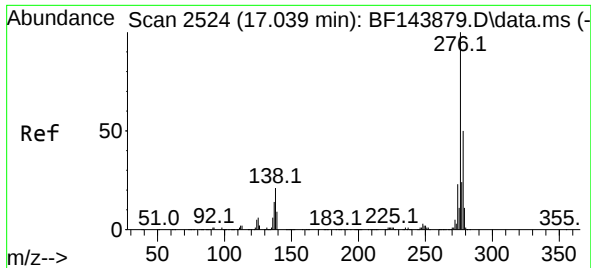
Tgt Ion:149 Resp: 652031
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.5 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:264 Resp: 283298
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 22.2 17.5 26.3

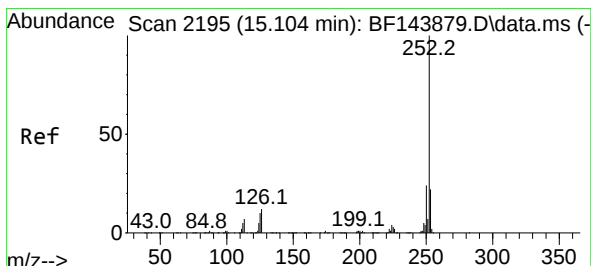
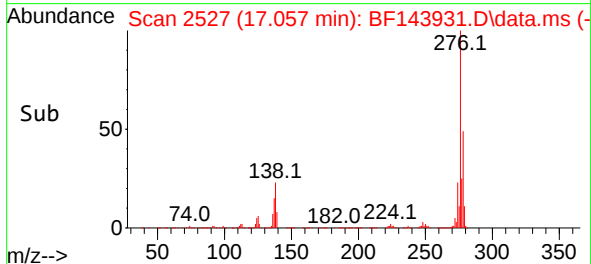
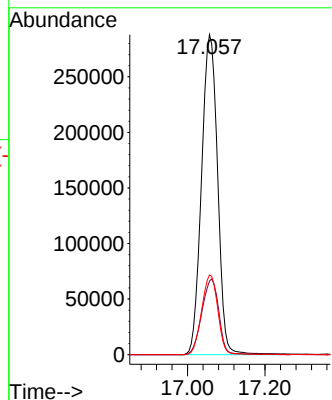
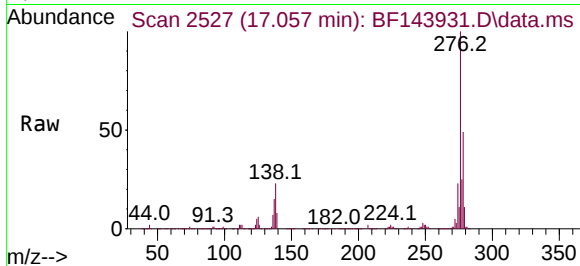




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.726 ng
 RT: 17.057 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF143931.D
 Acq: 13 Oct 2025 14:32

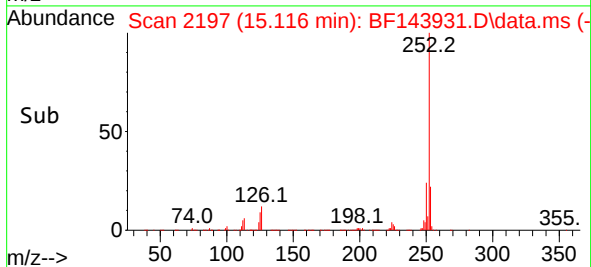
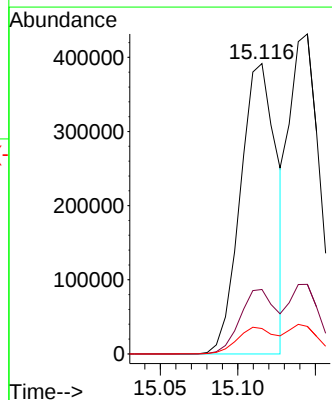
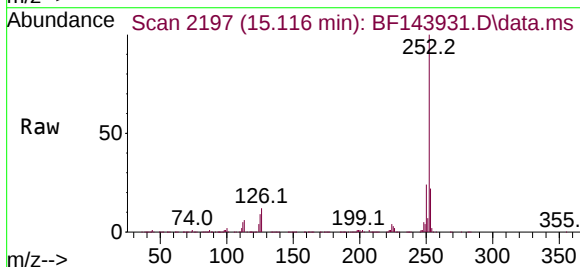
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

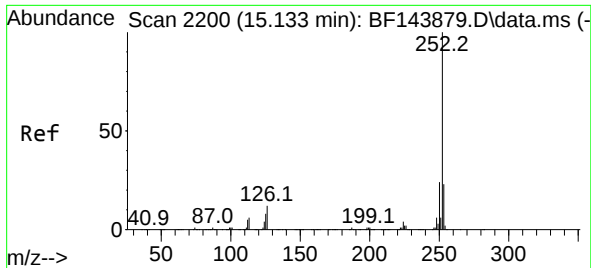
Tgt Ion:276 Resp: 828468
 Ion Ratio Lower Upper
 276 100
 138 24.9 18.2 27.2
 277 24.9 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 39.089 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF143931.D
 Acq: 13 Oct 2025 14:32

Tgt Ion:252 Resp: 636123
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 39.278 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

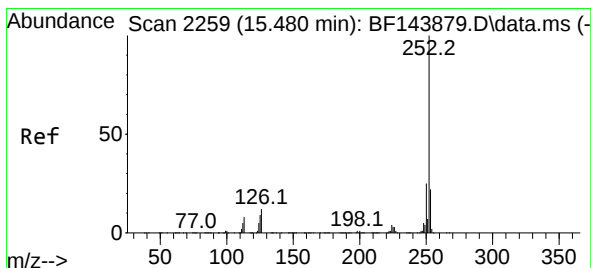
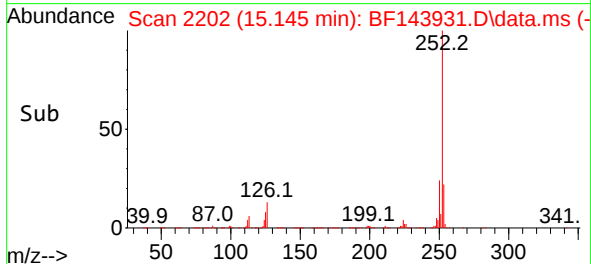
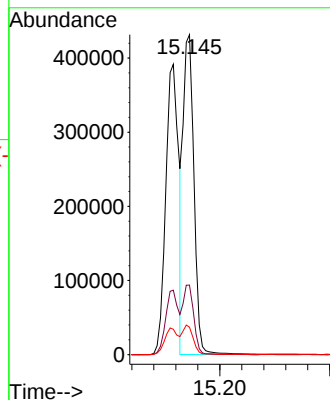
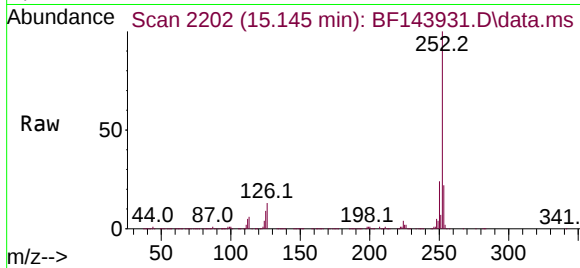
Tgt Ion:252 Resp: 591456

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.200 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143931.D

Acq: 13 Oct 2025 14:32

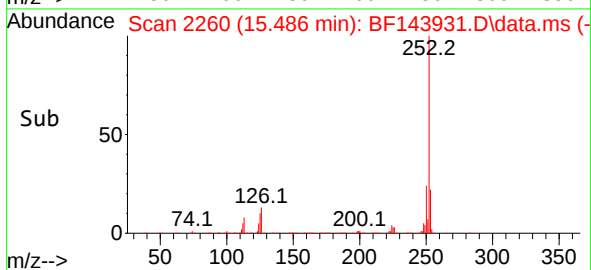
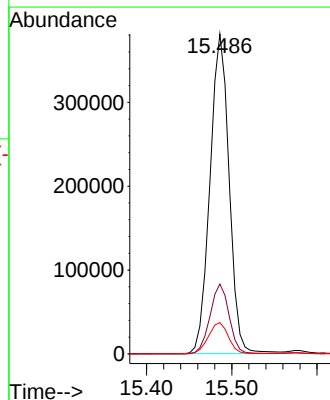
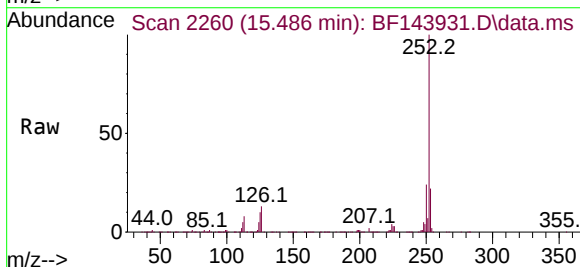
Tgt Ion:252 Resp: 595478

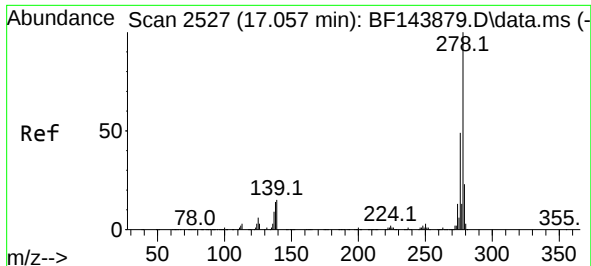
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.8 7.0 10.4

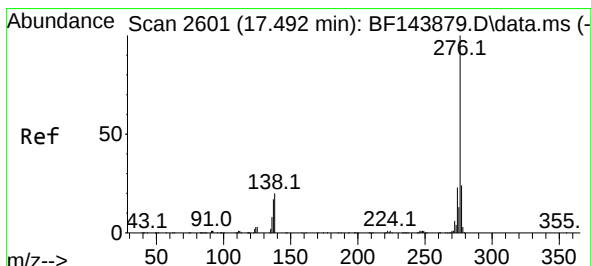
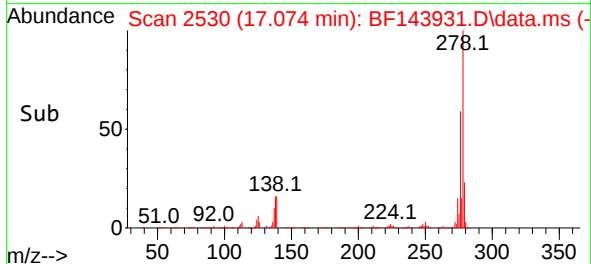
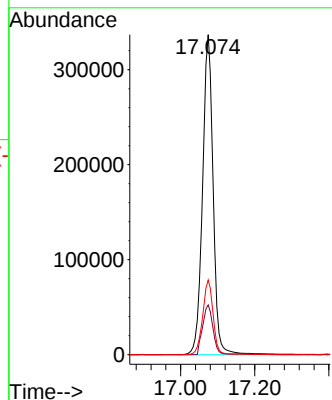
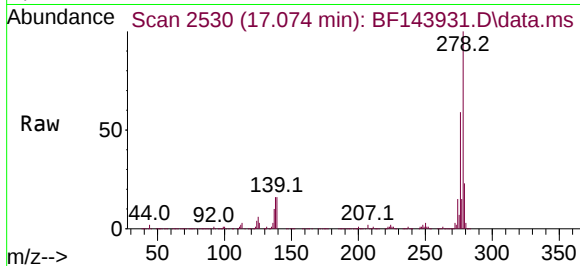




#91
Dibenzo(a,h)anthracene
Concen: 47.921 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 669037
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 23.3 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 46.644 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143931.D
Acq: 13 Oct 2025 14:32

Tgt Ion:276 Resp: 651209
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 21.9 16.1 24.1

