

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143680.D
 Acq On : 09 Sep 2025 11:08
 Operator : RC/JU
 Sample : SSTDICC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 15:25:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	47169	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183638	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104252	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	165335	20.000	ng	0.00
76) Chrysene-d12	14.045	240	108683	20.000	ng	0.00
86) Perylene-d12	15.516	264	113725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	231423	83.708	ng	0.00
7) Phenol-d6	6.504	99	277083	82.312	ng	0.00
23) Nitrobenzene-d5	7.451	82	242752	82.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	86787	82.605	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	556021	80.568	ng	0.00
79) Terphenyl-d14	12.992	244	509820	76.017	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	50533	40.976	ng	100
3) Pyridine	3.434	79	132038	41.447	ng	100
4) n-Nitrosodimethylamine	3.381	42	49229	40.681	ng	100
6) Aniline	6.551	93	182625	40.961	ng	100
8) 2-Chlorophenol	6.669	128	122875	41.151	ng	100
9) Benzaldehyde	6.440	77	116644	42.947	ng	100
10) Phenol	6.522	94	160374	43.099	ng	100
11) bis(2-Chloroethyl)ether	6.622	93	113344	40.784	ng	100
12) 1,3-Dichlorobenzene	6.834	146	141494	41.434	ng	100
13) 1,4-Dichlorobenzene	6.910	146	141426	41.031	ng	100
14) 1,2-Dichlorobenzene	7.063	146	133199	40.922	ng	100
15) Benzyl Alcohol	7.028	79	100930	41.219	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	151468	41.659	ng	100
17) 2-Methylphenol	7.134	107	98232	40.896	ng	100
18) Hexachloroethane	7.404	117	46442	41.711	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	84284	40.768	ng	100
20) 3+4-Methylphenols	7.287	107	132548	41.905	ng	100
22) Acetophenone	7.298	105	166474	40.139	ng	100
24) Nitrobenzene	7.469	77	125270	40.921	ng	100
25) Isophorone	7.710	82	229325	40.508	ng	100
26) 2-Nitrophenol	7.787	139	62466	41.502	ng	100
27) 2,4-Dimethylphenol	7.816	122	108371	40.107	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	140865	40.489	ng	100
29) 2,4-Dichlorophenol	8.022	162	112730	41.475	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	114331	40.602	ng	100
31) Naphthalene	8.193	128	367480	40.424	ng	100
32) Benzoic acid	7.910	122	66247	40.186	ng	100
33) 4-Chloroaniline	8.240	127	128117	40.483	ng	100
34) Hexachlorobutadiene	8.310	225	74998	40.834	ng	100
35) Caprolactam	8.604	113	29280	40.475	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	112361	41.926	ng	100
37) 2-Methylnaphthalene	8.881	142	249730	40.131	ng	100
38) 1-Methylnaphthalene	8.981	142	240789	40.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	120893	40.506	ng	100
41) Hexachlorocyclopentadiene	9.040	237	64250	41.931	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	83786	42.042	ng	100

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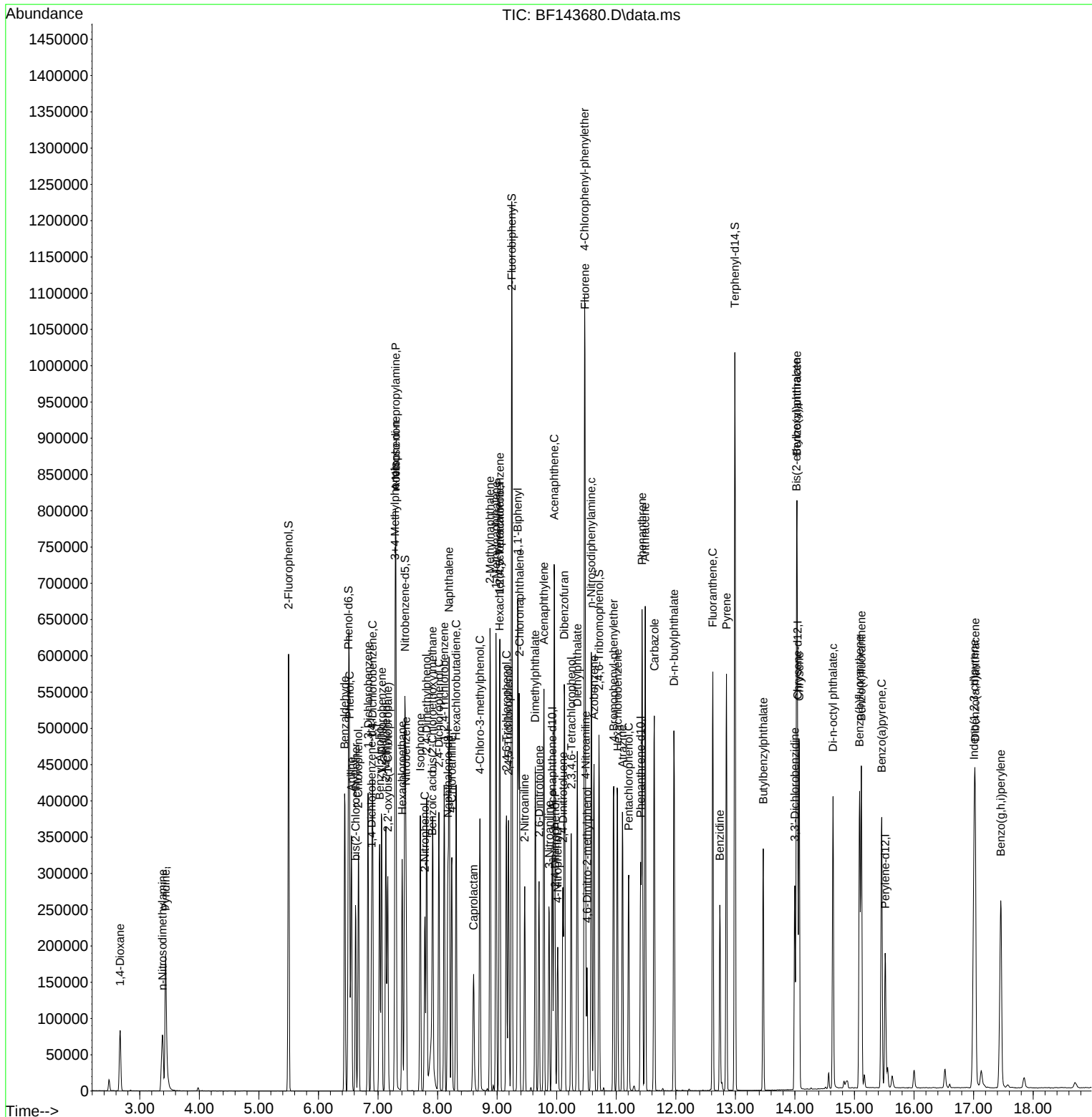
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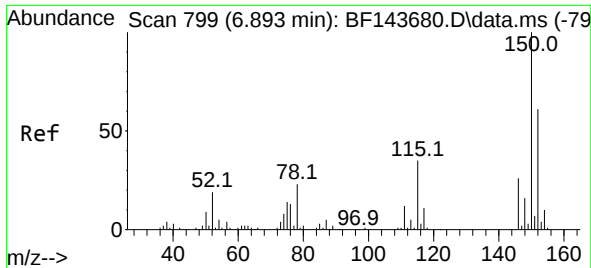
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	83964	41.443	ng	100
46) 1,1'-Biphenyl	9.345	154	308203	41.065	ng	100
47) 2-Chloronaphthalene	9.375	162	241460	41.038	ng	100
48) 2-Nitroaniline	9.463	65	64957	41.717	ng	100
49) Acenaphthylene	9.787	152	342828	40.676	ng	100
50) Dimethylphthalate	9.639	163	275767	40.656	ng	100
51) 2,6-Dinitrotoluene	9.704	165	54581	42.086	ng	100
52) Acenaphthene	9.957	154	236114	40.654	ng	100
53) 3-Nitroaniline	9.875	138	58440	41.873	ng	100
54) 2,4-Dinitrophenol	9.975	184	25316	39.342	ng	100
55) Dibenzofuran	10.128	168	336132	40.249	ng	100
56) 4-Nitrophenol	10.016	139	46445	41.829	ng	100
57) 2,4-Dinitrotoluene	10.104	165	74327	42.110	ng	100
58) Fluorene	10.475	166	267557	40.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	68379	41.623	ng	100
60) Diethylphthalate	10.345	149	259562	40.760	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	135281	40.803	ng	100
62) 4-Nitroaniline	10.486	138	55128	41.705	ng	100
63) Azobenzene	10.628	77	228960	40.670	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	35103	41.701	ng	100
66) n-Nitrosodiphenylamine	10.581	169	223544	41.272	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	84304	42.283	ng	100
68) Hexachlorobenzene	11.022	284	86656	41.162	ng	100
69) Atrazine	11.104	200	68140	40.123	ng	100
70) Pentachlorophenol	11.210	266	54265	42.640	ng	100
71) Phenanthrene	11.434	178	368361	40.436	ng	100
72) Anthracene	11.486	178	375041	40.944	ng	100
73) Carbazole	11.639	167	305808	40.765	ng	100
74) Di-n-butylphthalate	11.969	149	369098	40.868	ng	100
75) Fluoranthene	12.622	202	333725	39.906	ng	100
77) Benzidine	12.739	184	142412	40.182	ng	100
78) Pyrene	12.851	202	332356	38.247	ng	100
80) Butylbenzylphthalate	13.469	149	112482	41.314	ng	100
81) Benzo(a)anthracene	14.033	228	270771	38.726	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	88020	40.919	ng	100
83) Chrysene	14.075	228	257577	40.223	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	165062	42.490	ng	100
85) Di-n-octyl phthalate	14.639	149	290289	41.700	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	327534	42.200	ng	100
88) Benzo(b)fluoranthene	15.086	252	262466	38.770	ng	100
89) Benzo(k)fluoranthene	15.116	252	265883	43.517	ng	100
90) Benzo(a)pyrene	15.457	252	246850	41.505	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	269482	41.849	ng	100
92) Benzo(g,h,i)perylene	17.457	276	250547	41.597	ng	100

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

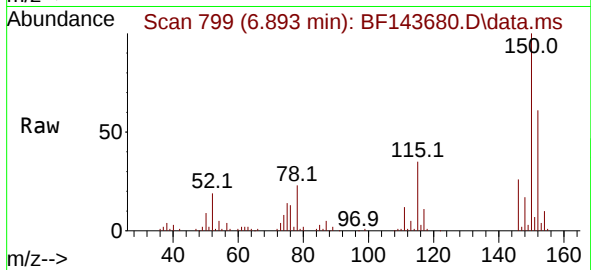
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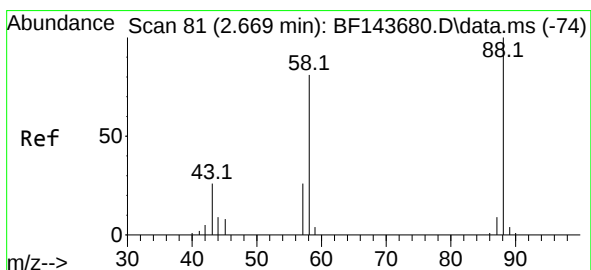
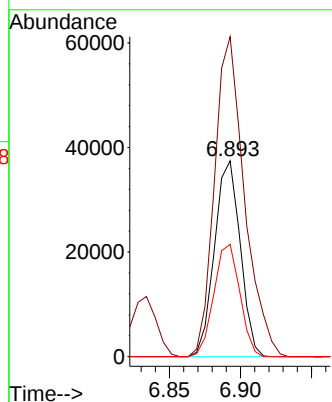
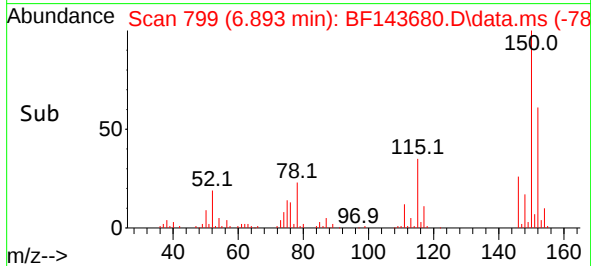


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

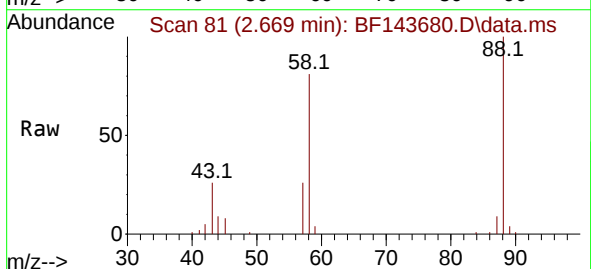
Instrument :
 BNA_F
 ClientSampleId :



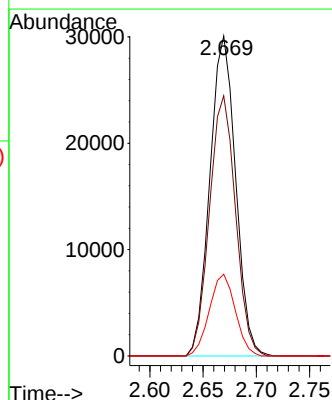
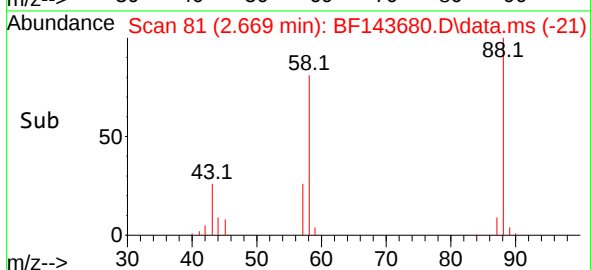
Tgt Ion:152 Resp: 47169
 Ion Ratio Lower Upper
 152 100
 150 163.4 130.7 196.1
 115 57.4 45.9 68.9

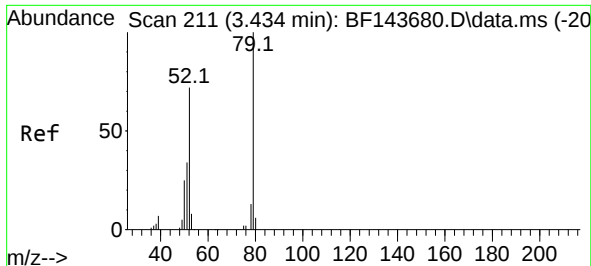


#2
 1,4-Dioxane
 Concen: 40.976 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08



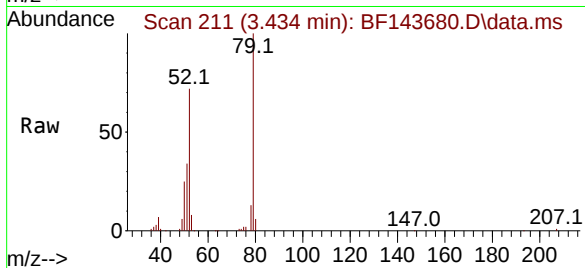
Tgt Ion: 88 Resp: 50533
 Ion Ratio Lower Upper
 88 100
 58 82.2 65.8 98.6
 43 25.8 20.6 31.0



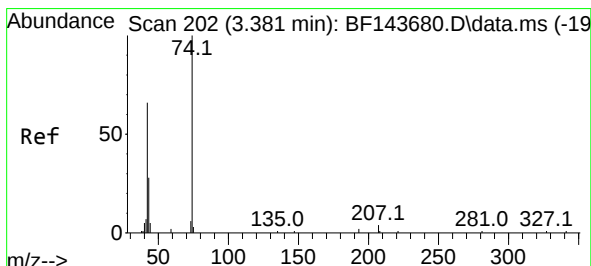
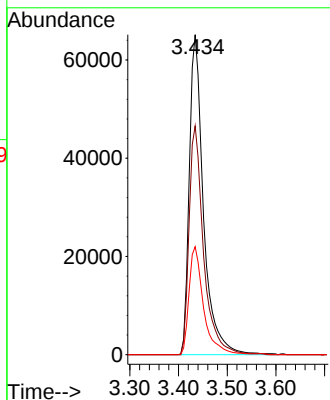
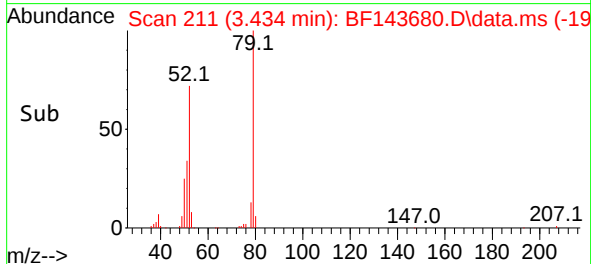


#3
Pyridine
Concen: 41.447 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

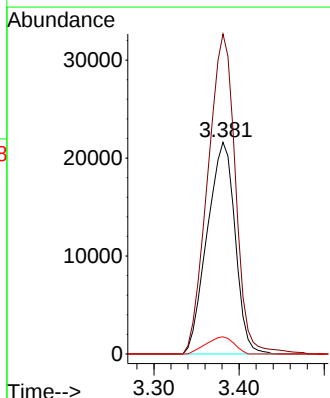
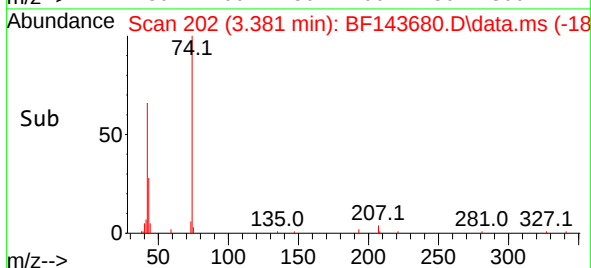
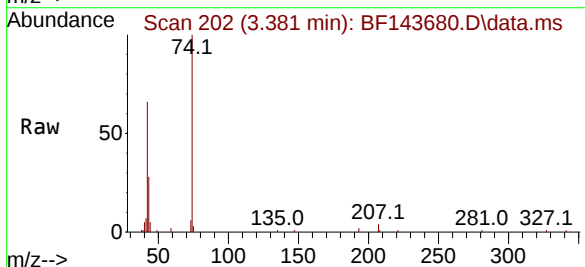


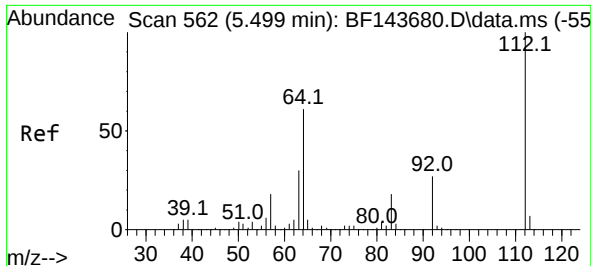
Tgt Ion: 79 Resp: 132038
Ion Ratio Lower Upper
79 100
52 71.5 57.2 85.8
51 33.8 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 40.681 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 42 Resp: 49229
Ion Ratio Lower Upper
42 100
74 151.1 120.9 181.3
44 8.1 6.5 9.7

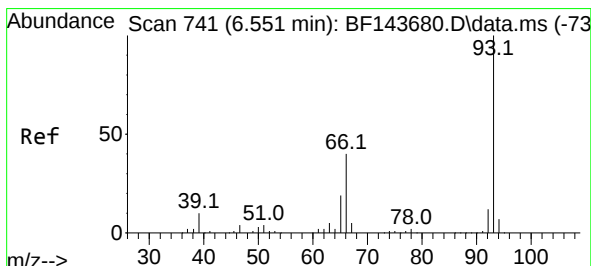
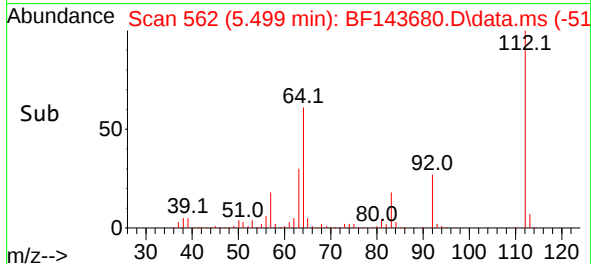
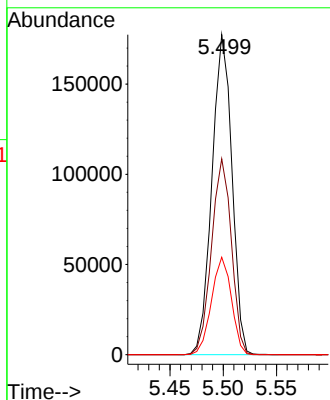
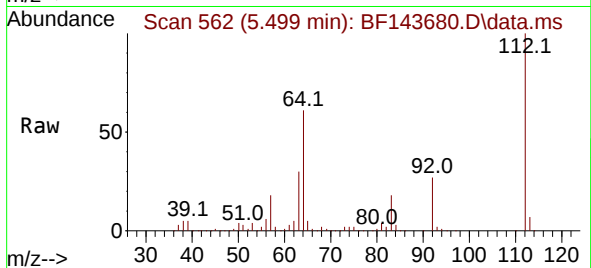




#5
2-Fluorophenol
Concen: 83.708 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

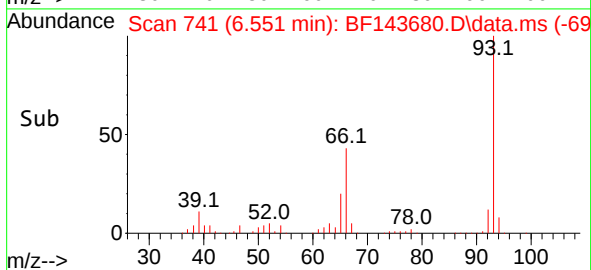
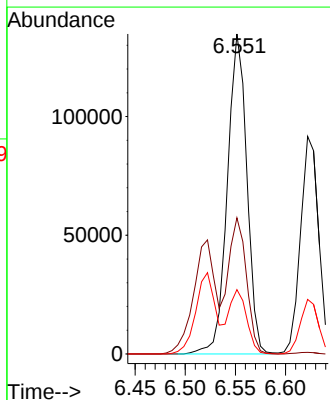
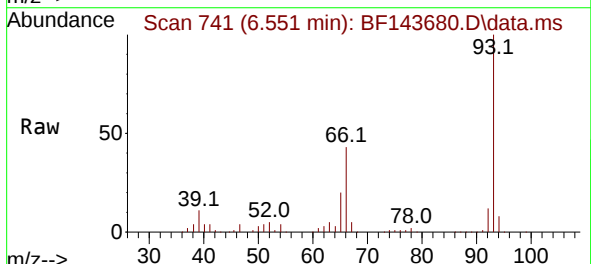
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ClientSampleId :

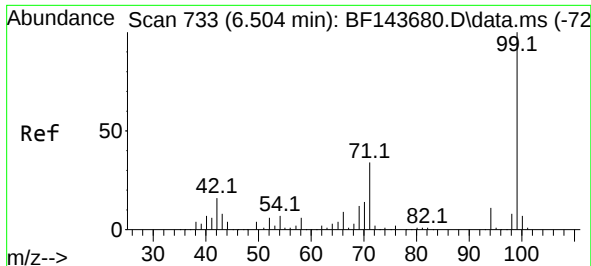
Tgt Ion:112 Resp: 231423
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 30.4 24.3 36.5



#6
Aniline
Concen: 40.961 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

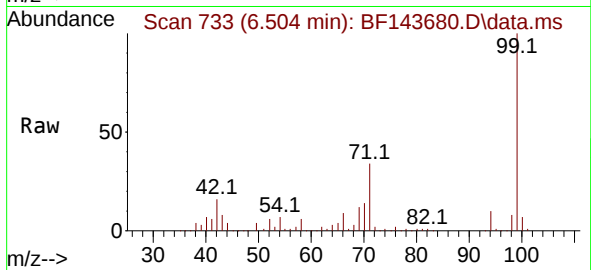
Tgt Ion: 93 Resp: 182625
Ion Ratio Lower Upper
93 100
66 42.6 34.1 51.1
65 20.1 16.1 24.1





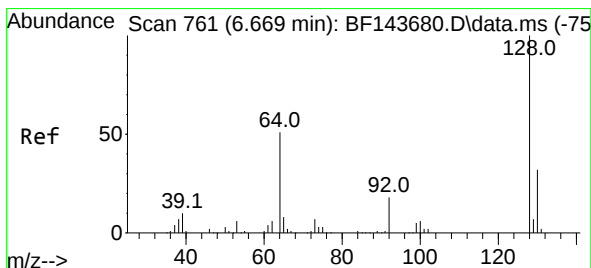
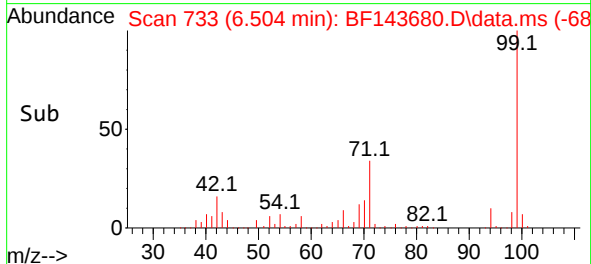
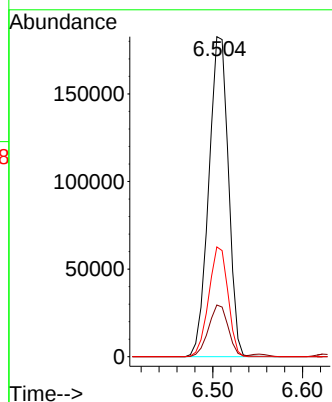
#7
Phenol-d6
Concen: 82.312 ng
RT: 6.504 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 277083

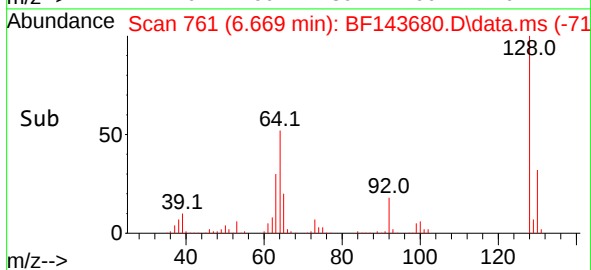
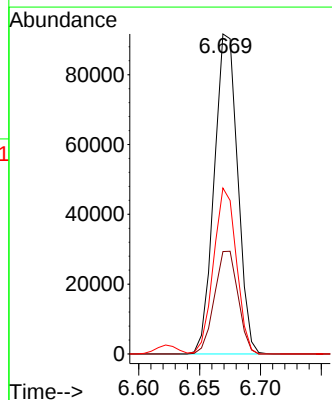
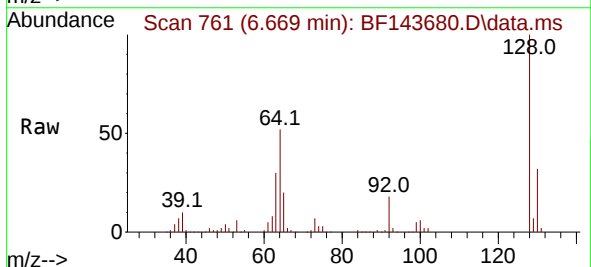
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.4
71	34.3	27.4	41.2

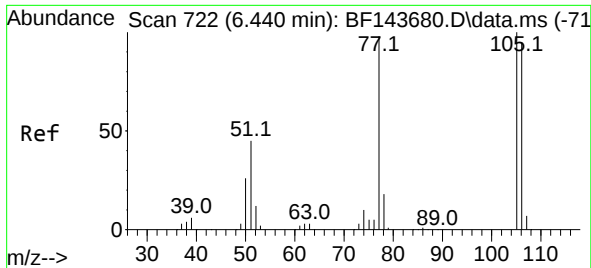


#8
2-Chlorophenol
Concen: 41.151 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 128 Resp: 122875

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	51.9	31.9	71.9





#9

Benzaldehyde

Concen: 42.947 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

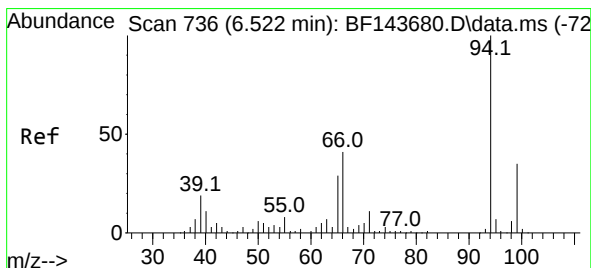
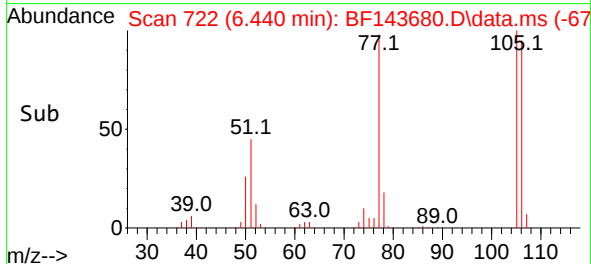
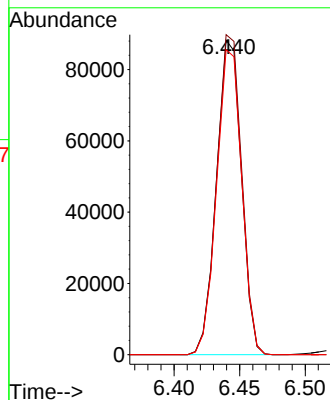
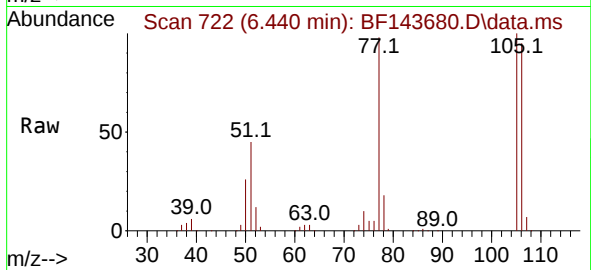
Tgt Ion: 77 Resp: 116644

Ion Ratio Lower Upper

77 100

105 101.7 81.7 121.7

106 96.9 76.9 116.9



#10

Phenol

Concen: 43.099 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

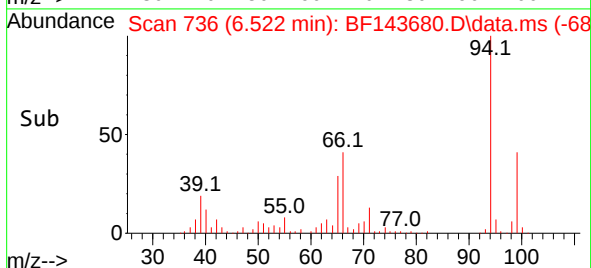
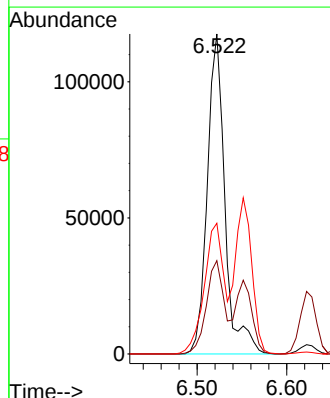
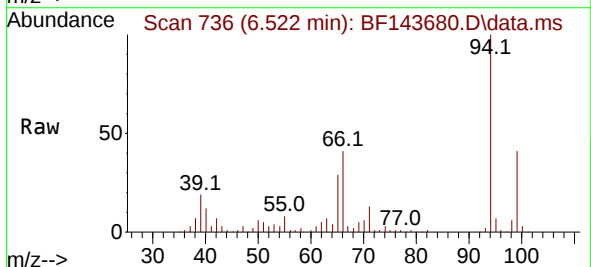
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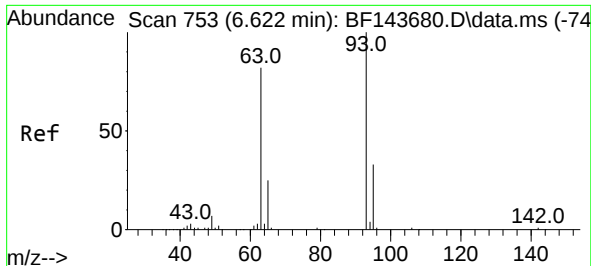
Ion Ratio Lower Upper

94 100

65 29.1 9.1 49.1

66 40.8 20.8 60.8

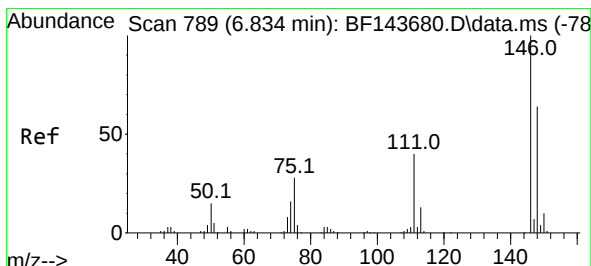
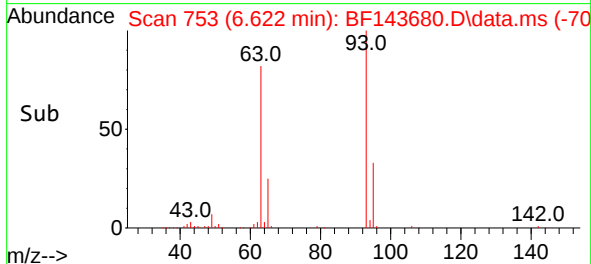
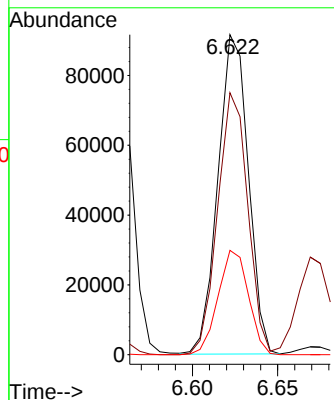
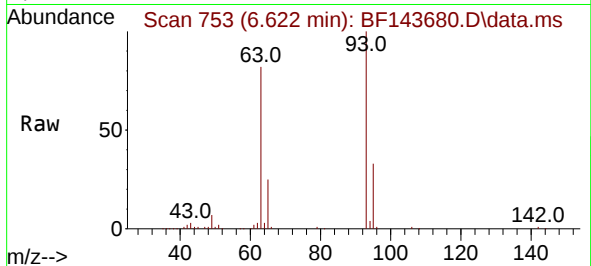




#11
bis(2-Chloroethyl)ether
Concen: 40.784 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

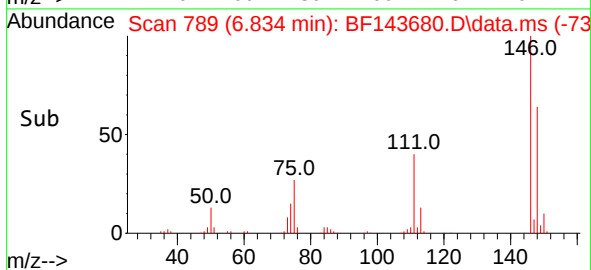
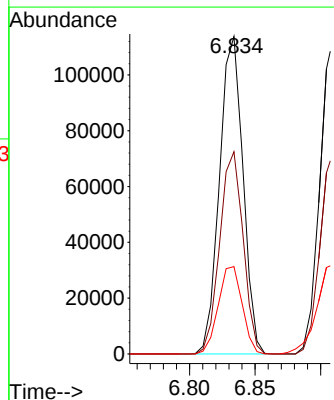
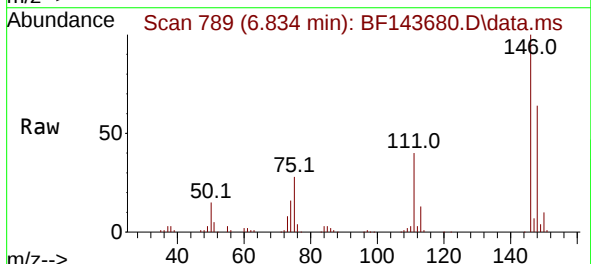
Instrument :
BNA_F
ClientSampleId :

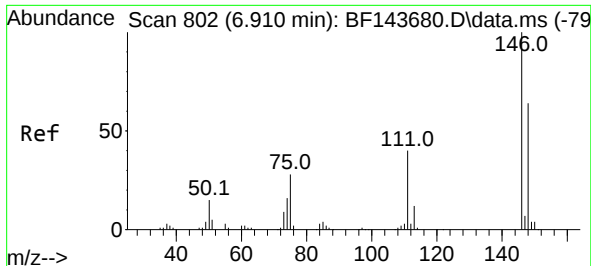
Tgt Ion: 93 Resp: 113344
Ion Ratio Lower Upper
93 100
63 81.8 61.8 101.8
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.434 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:146 Resp: 141494
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 27.5 22.0 33.0

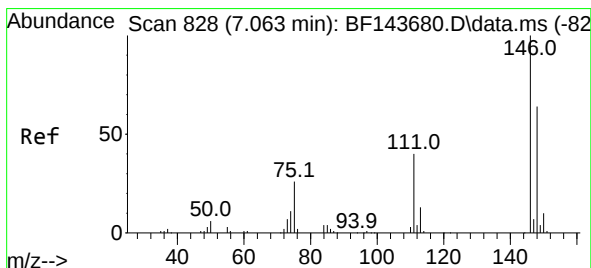
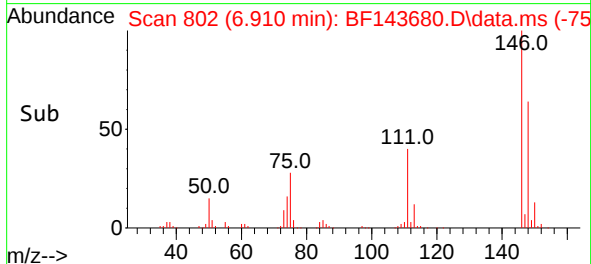
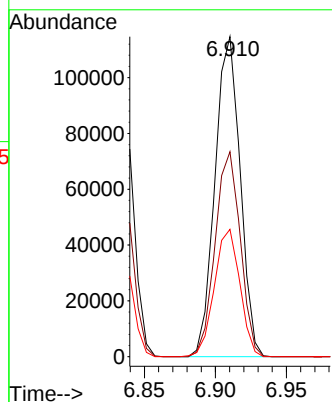
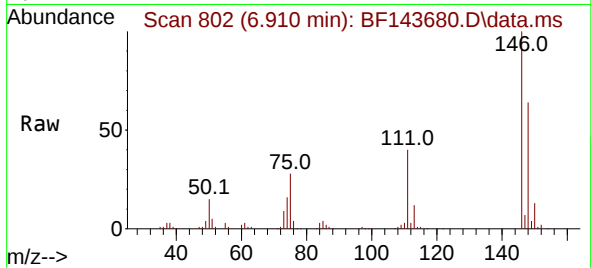




#13
 1,4-Dichlorobenzene
 Concen: 41.031 ng
 RT: 6.910 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

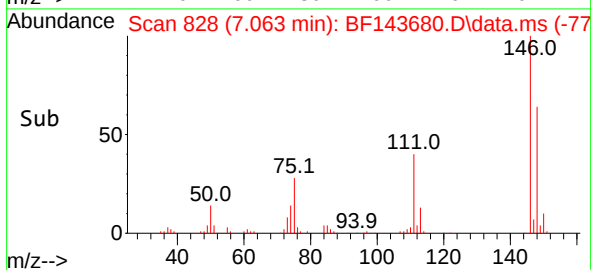
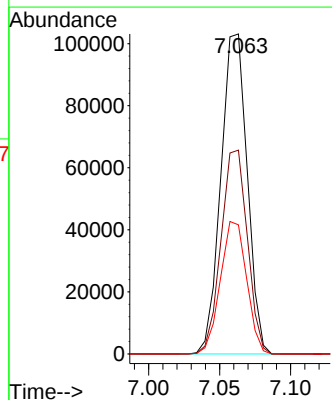
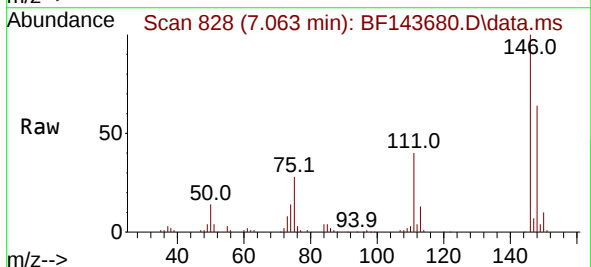
Instrument :
 BNA_F
 ClientSampleId :

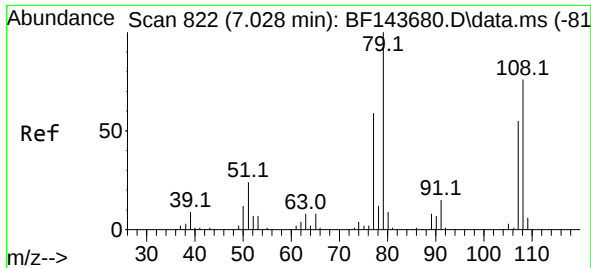
Tgt Ion:146 Resp: 141426
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 39.8 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 40.922 ng
 RT: 7.063 min Scan# 828
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Tgt Ion:146 Resp: 133199
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 40.4 32.3 48.5

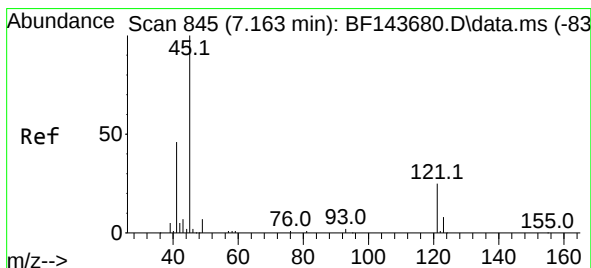
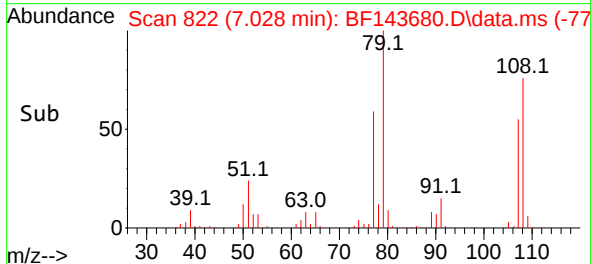
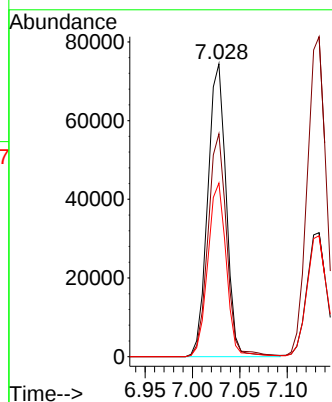
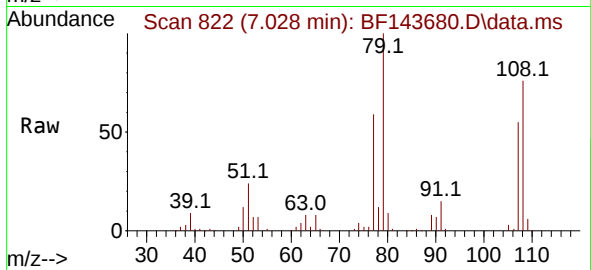




#15
Benzyl Alcohol
Concen: 41.219 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

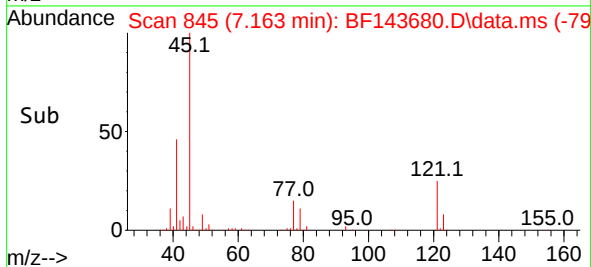
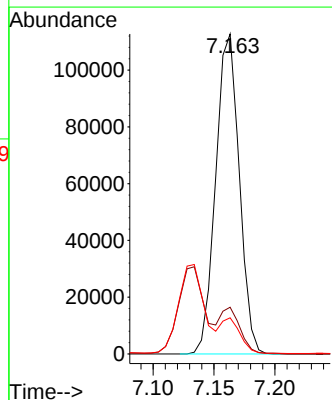
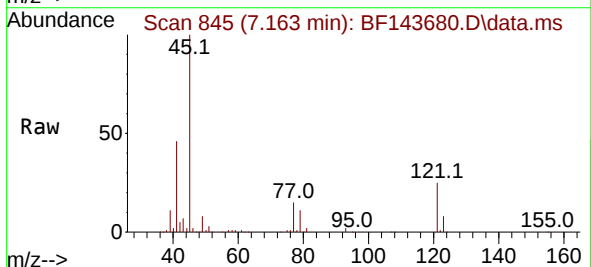
Instrument :
BNA_F
ClientSampleId :

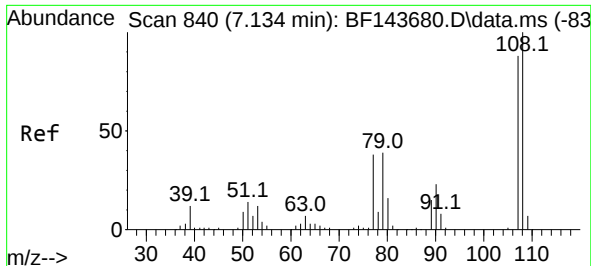
Tgt Ion: 79 Resp: 100930
Ion Ratio Lower Upper
79 100
108 76.1 60.9 91.3
77 59.3 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.659 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

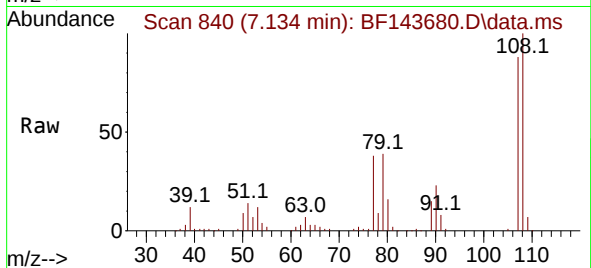
Tgt Ion: 45 Resp: 151468
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.3 0.0 31.3



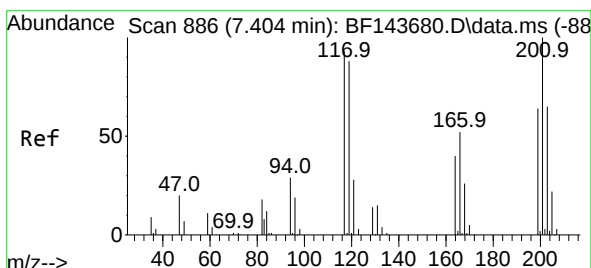
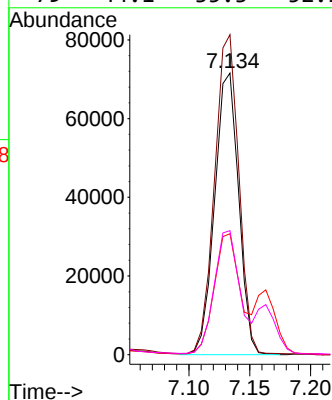
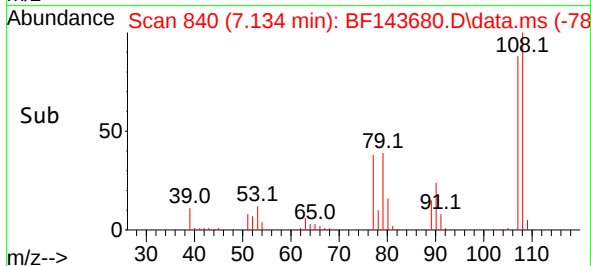


#17
2-Methylphenol
Concen: 40.896 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

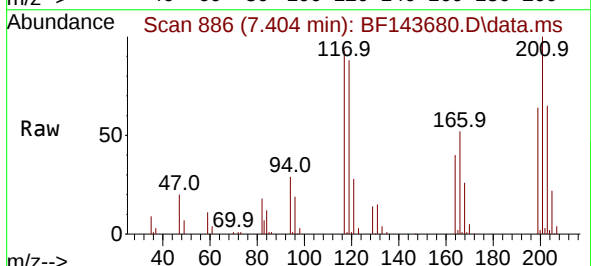
Instrument :
BNA_F
ClientSampleId :



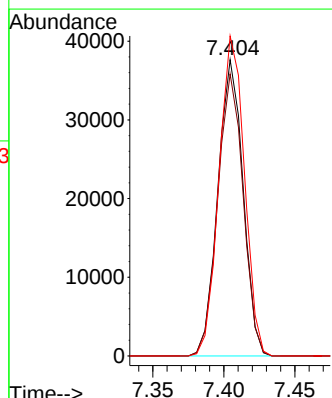
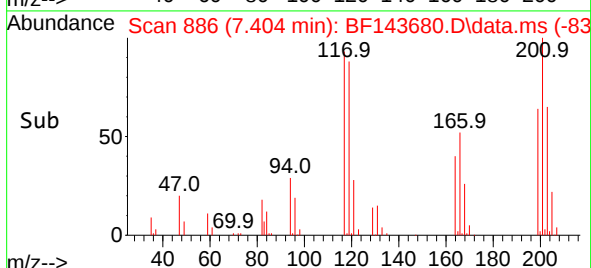
Tgt Ion:	107	Resp:	98232
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	43.0	34.4	51.6
79	44.1	35.3	52.9

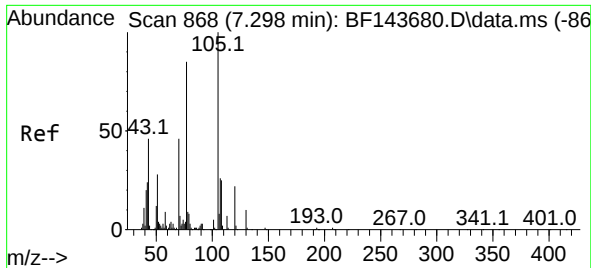


#18
Hexachloroethane
Concen: 41.711 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



Tgt Ion:	117	Resp:	46442
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
201	108.0	86.4	129.6

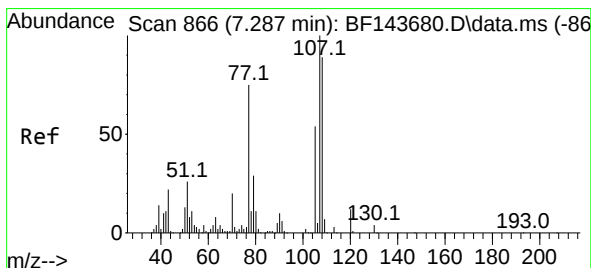
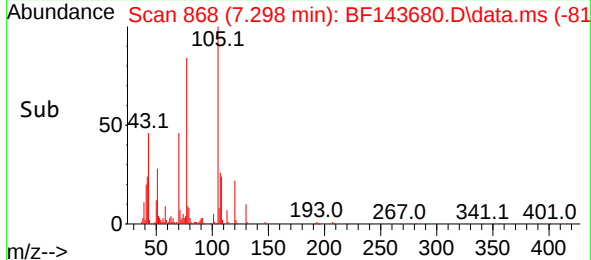
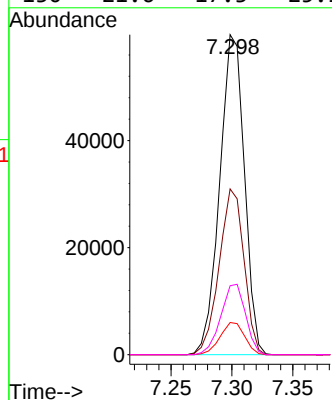
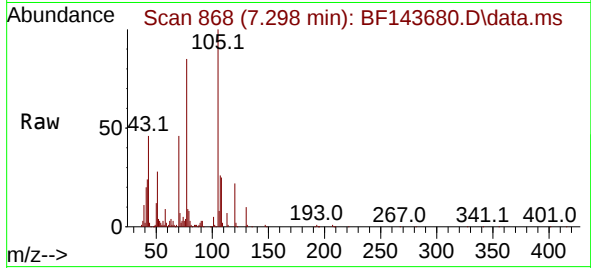




#19
n-Nitroso-di-n-propylamine
Concen: 40.768 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

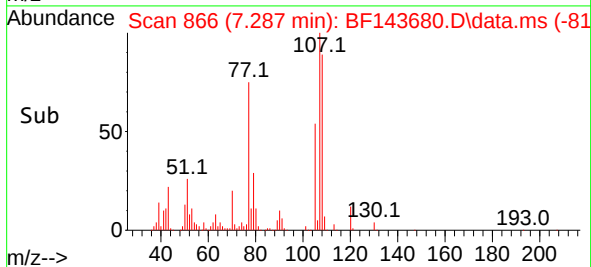
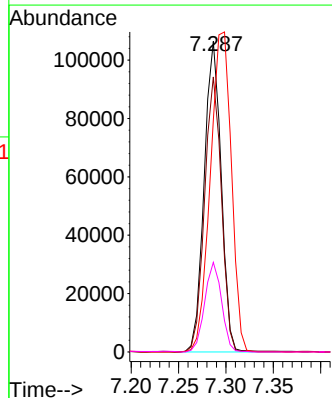
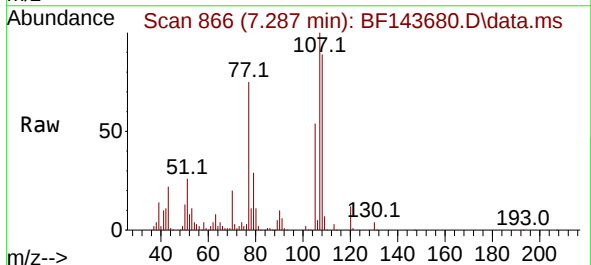
Instrument :
BNA_F
ClientSampleId :

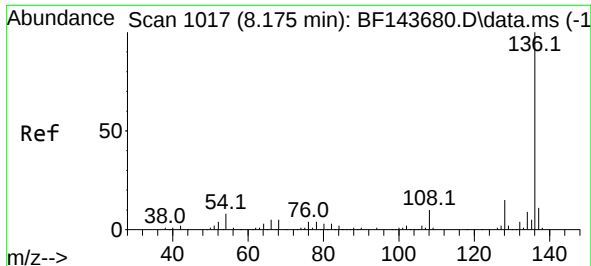
Tgt Ion:	70	Resp:	84284
Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.4	62.2
101	10.1	8.1	12.1
130	21.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 41.905 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

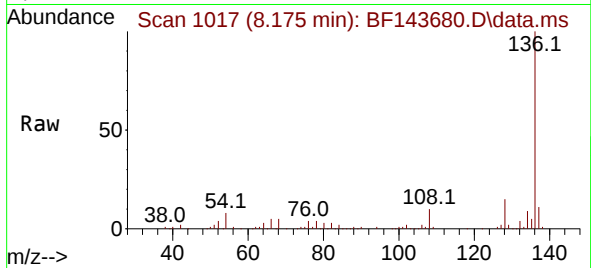
Tgt Ion:	107	Resp:	132548
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.6	108.6
77	74.6	54.6	94.6
79	28.9	8.9	48.9



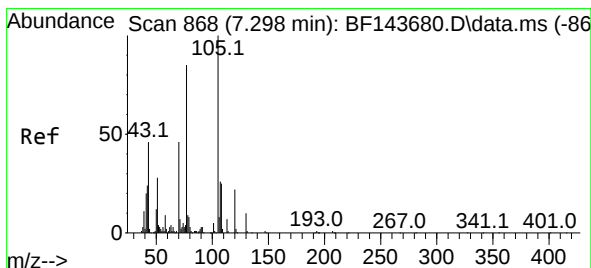
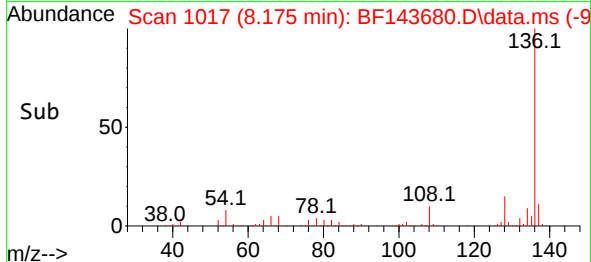
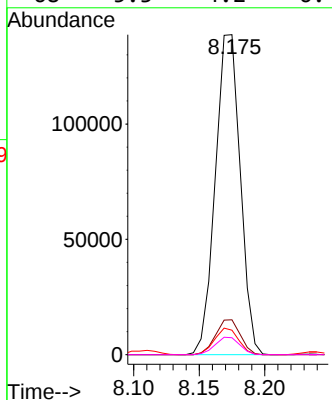


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

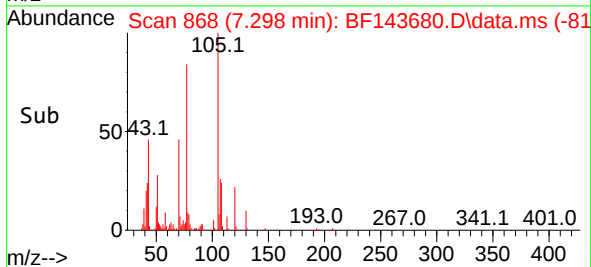
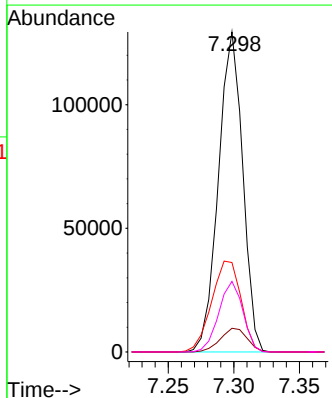
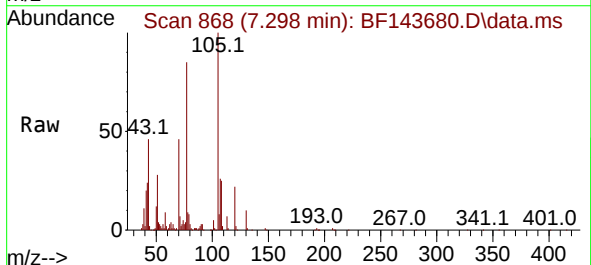


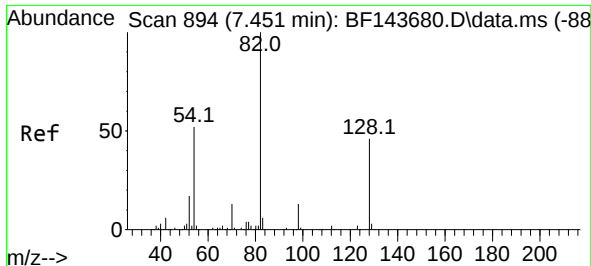
Tgt Ion:	136	Resp:	183638
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	7.7	6.2	9.2
68	5.3	4.2	6.4



#22
Acetophenone
Concen: 40.139 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:	105	Resp:	166474
Ion Ratio	Lower	Upper	
105	100		
71	7.4	5.9	8.9
51	28.0	22.4	33.6
120	22.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 82.223 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

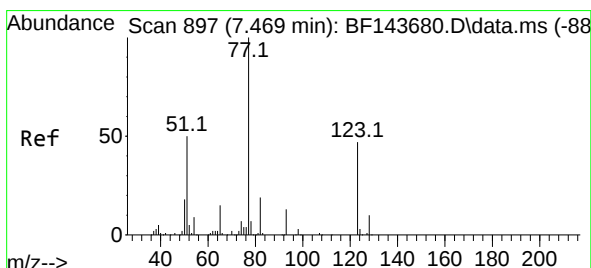
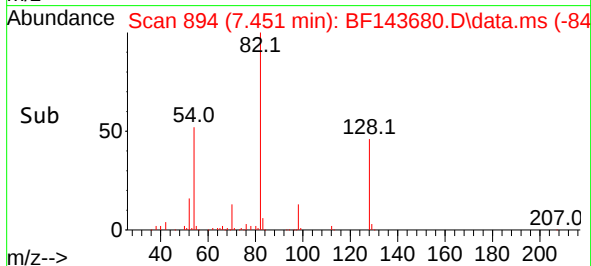
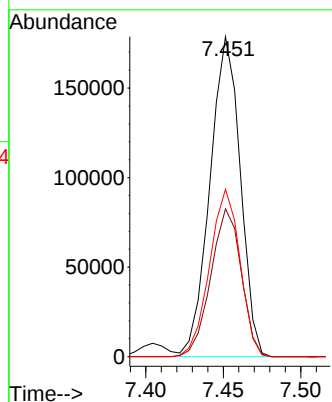
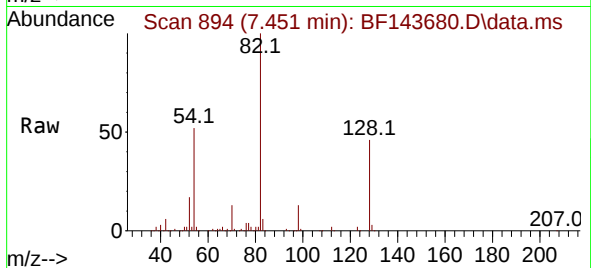
Tgt Ion: 82 Resp: 242752

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

54 52.3 41.8 62.8



#24

Nitrobenzene

Concen: 40.921 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

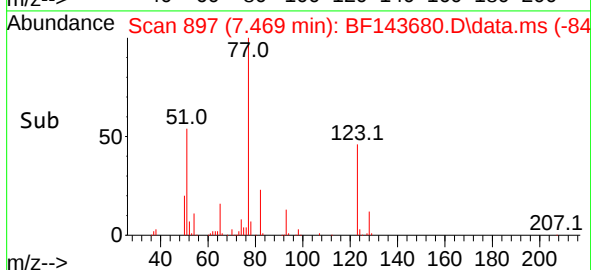
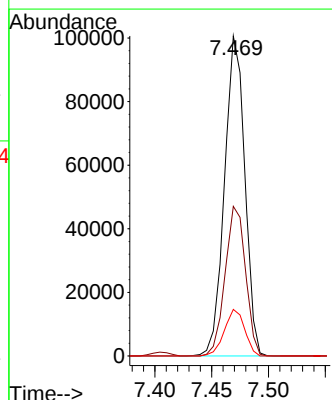
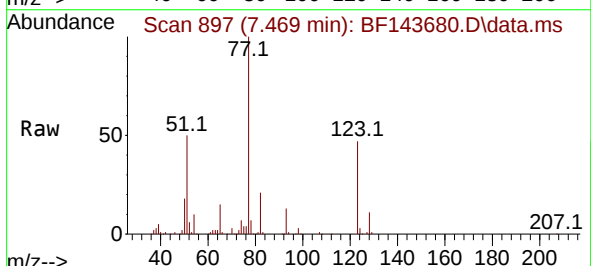
Tgt Ion: 77 Resp: 125270

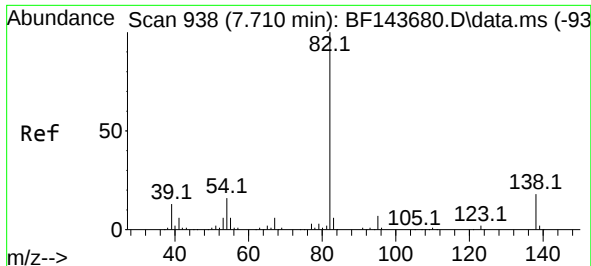
Ion Ratio Lower Upper

77 100

123 46.7 37.4 56.0

65 14.5 11.6 17.4

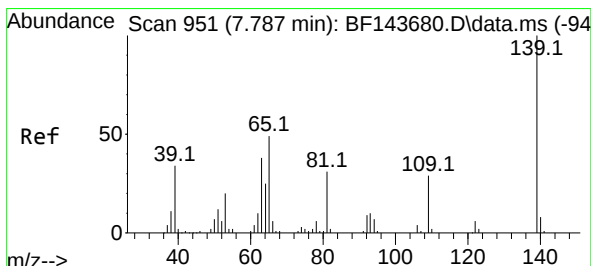
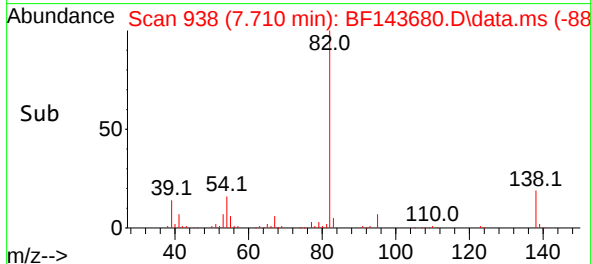
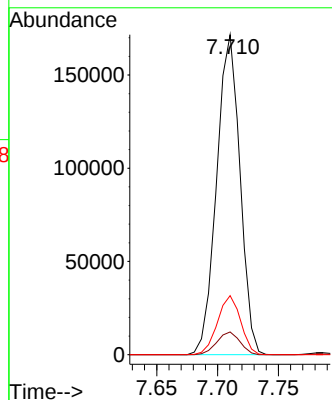
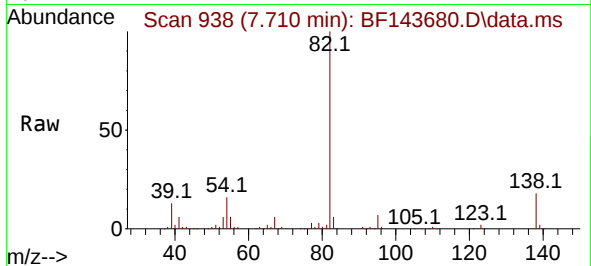




#25
Isophorone
Concen: 40.508 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

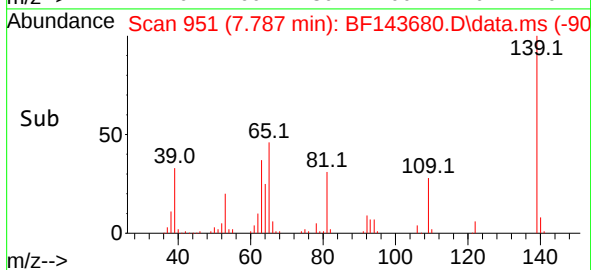
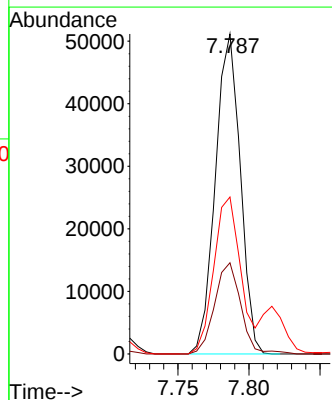
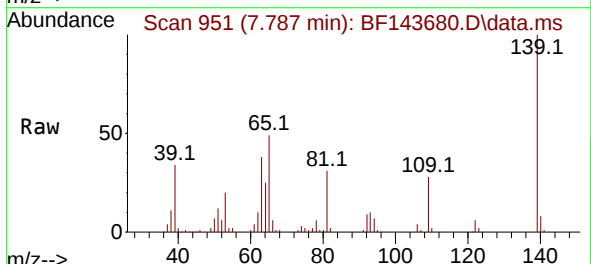
Instrument :
BNA_F
ClientSampleId :

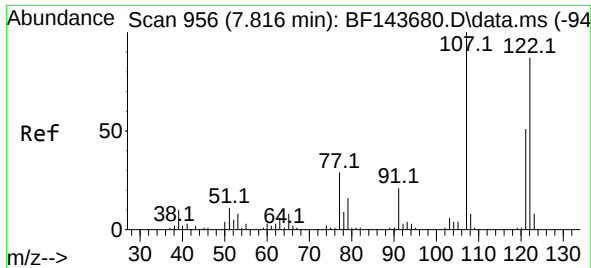
Tgt Ion: 82 Resp: 229325
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 41.502 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:139 Resp: 62466
Ion Ratio Lower Upper
139 100
109 28.5 22.8 34.2
65 49.0 39.2 58.8

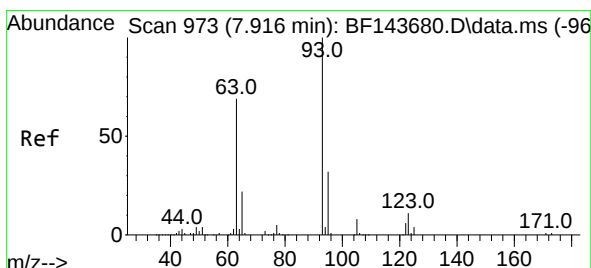
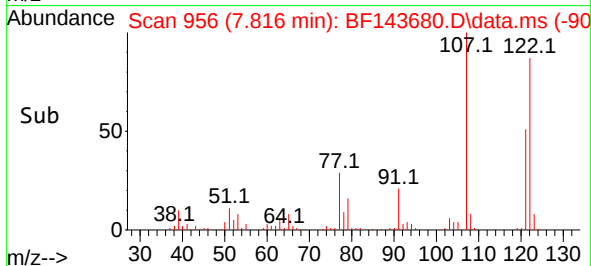
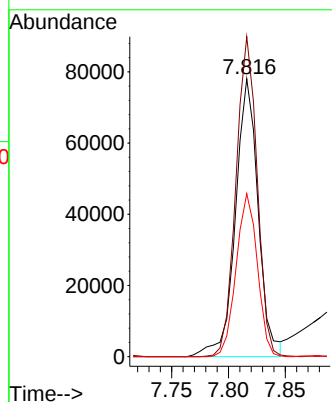
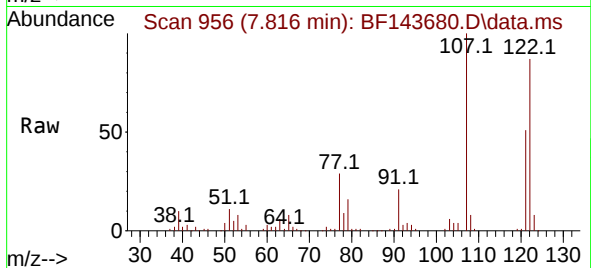




#27
2,4-Dimethylphenol
Concen: 40.107 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

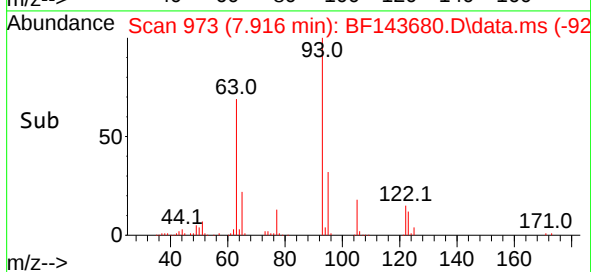
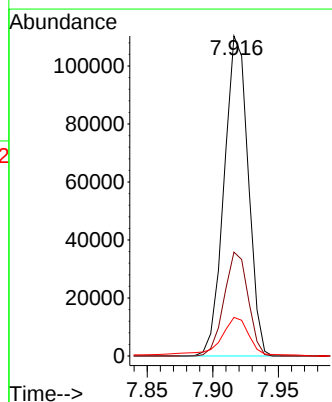
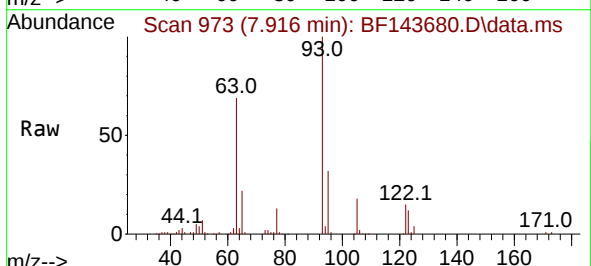
Instrument :
BNA_F
ClientSampleId :

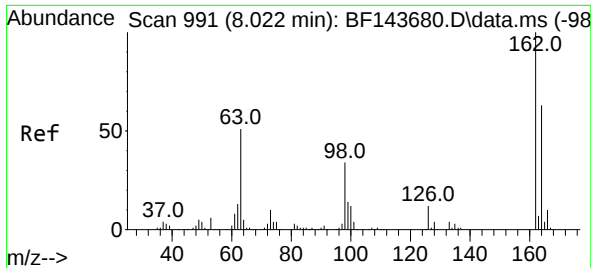
Tgt Ion:122 Resp: 108371
Ion Ratio Lower Upper
122 100
107 115.1 92.1 138.1
121 58.6 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.489 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 93 Resp: 140865
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.475 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

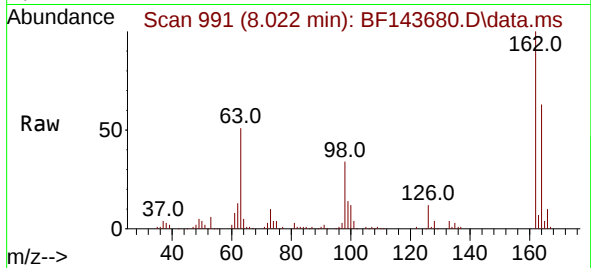
Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :



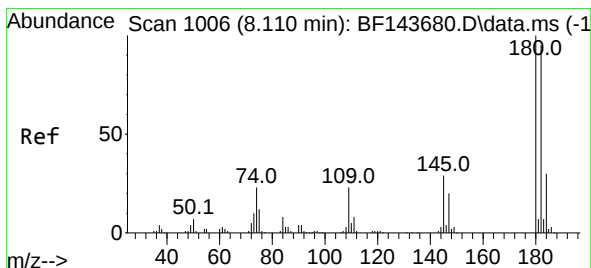
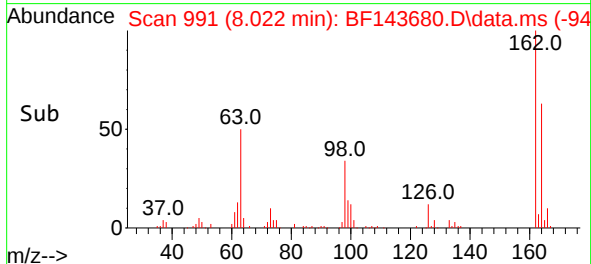
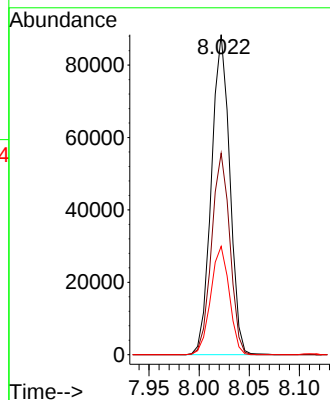
Tgt Ion:162 Resp: 112730

Ion Ratio Lower Upper

162 100

164 63.0 43.0 83.0

98 33.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 40.602 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

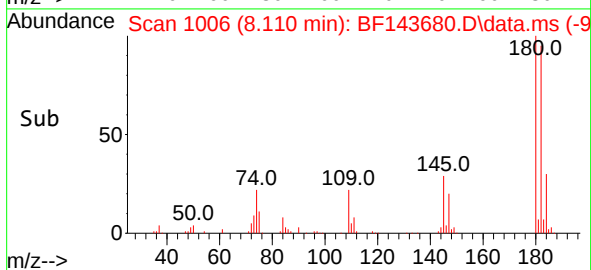
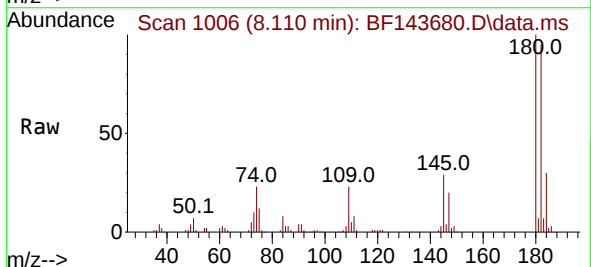
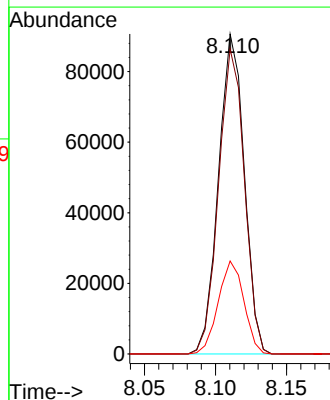
Tgt Ion:180 Resp: 114331

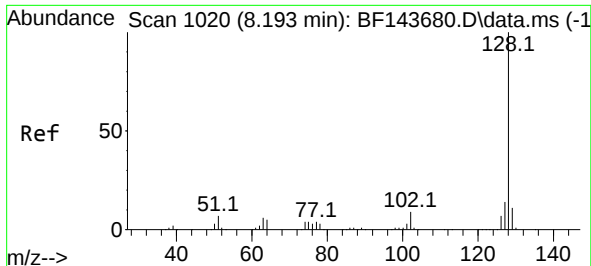
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

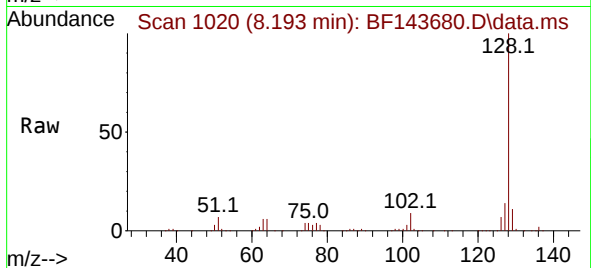
145 29.0 23.2 34.8



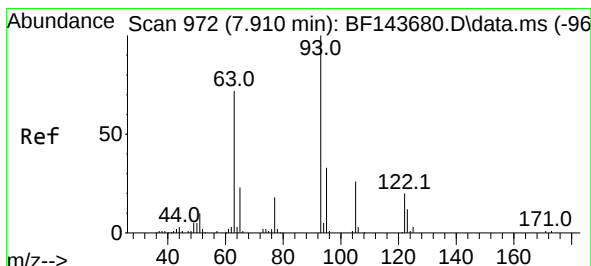
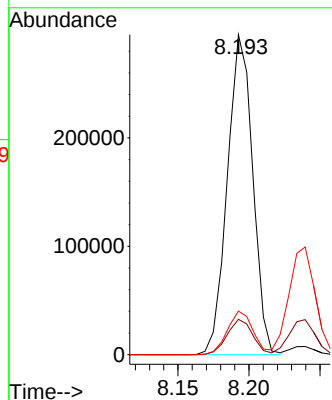
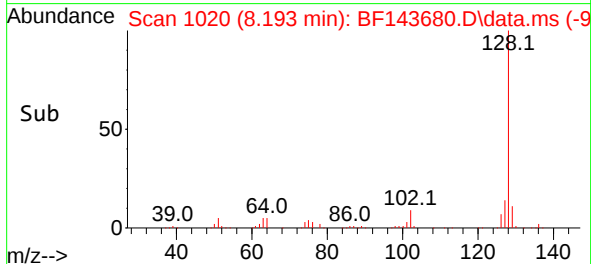


#31
Naphthalene
Concen: 40.424 ng
RT: 8.193 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

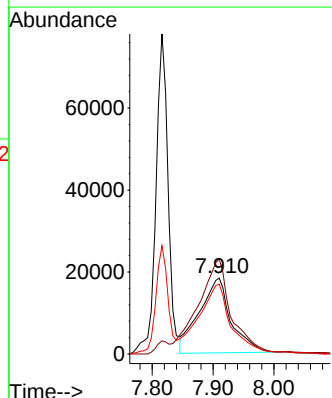
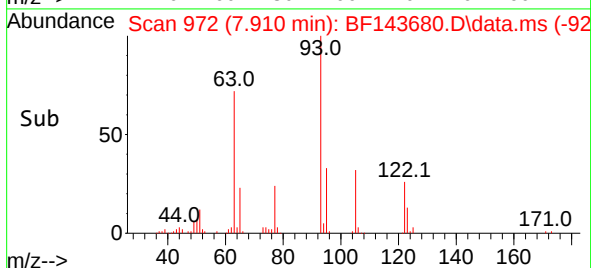
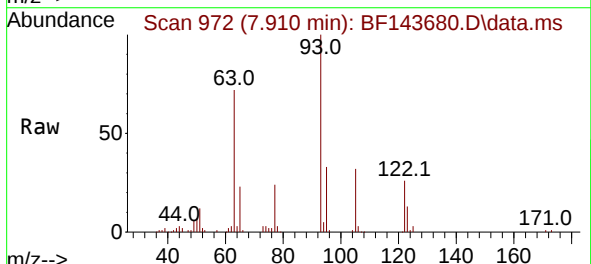


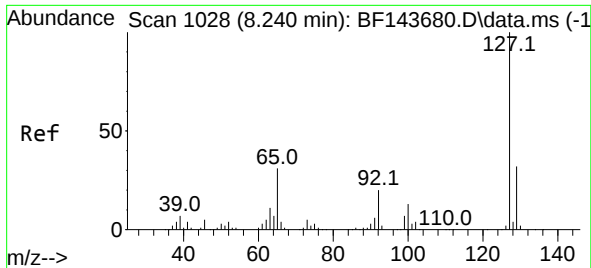
Tgt Ion:128 Resp: 367480
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 40.186 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:122 Resp: 66247
Ion Ratio Lower Upper
122 100
105 125.2 105.2 145.2
77 92.0 72.0 112.0

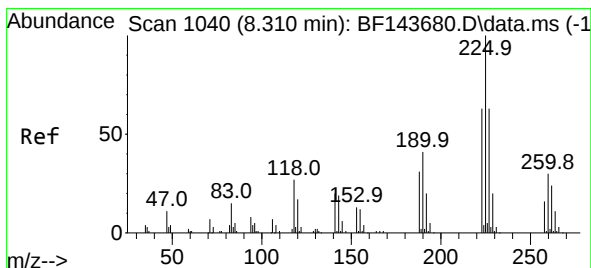
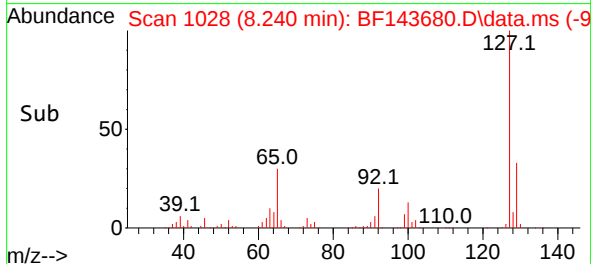
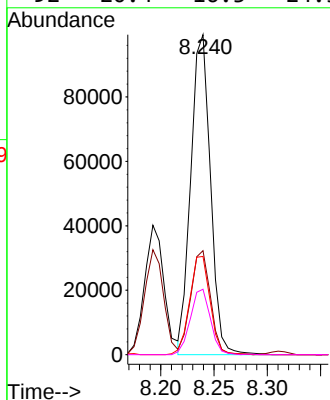
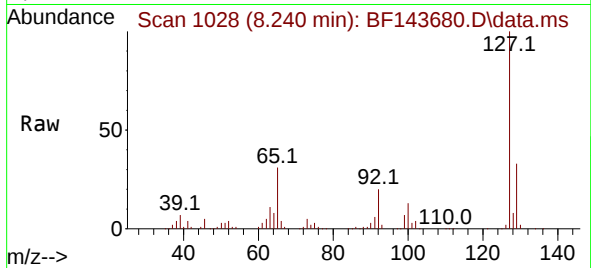




#33
4-Chloroaniline
Concen: 40.483 ng
RT: 8.240 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

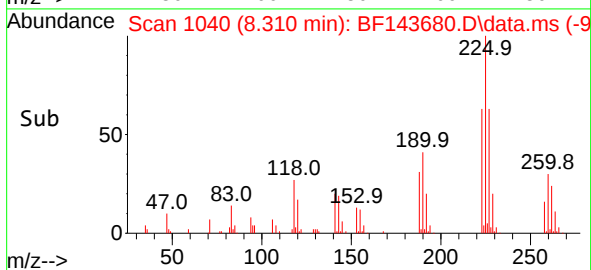
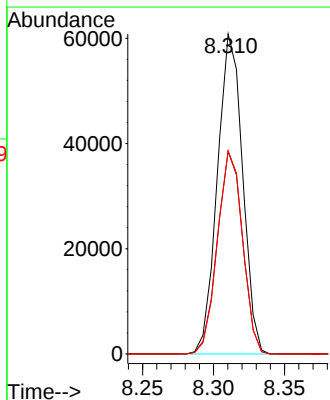
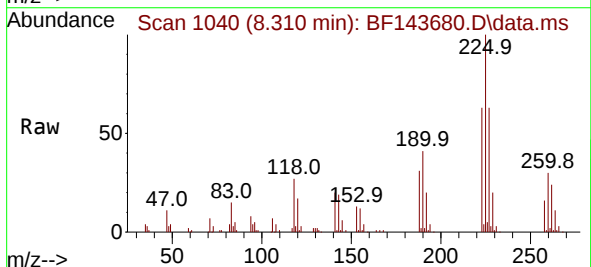
Instrument :
BNA_F
ClientSampleId :

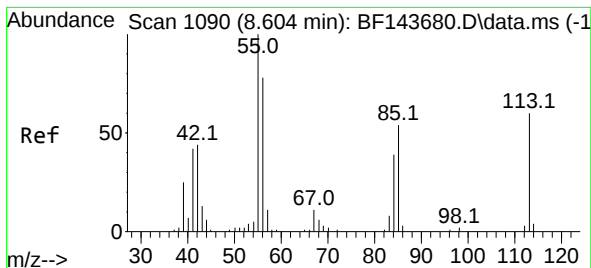
Tgt Ion:	127	Resp:	128117
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.7	24.6	36.8
92	20.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.834 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:	225	Resp:	74998
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.5	50.8	76.2





#35

Caprolactam

Concen: 40.475 ng

RT: 8.604 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

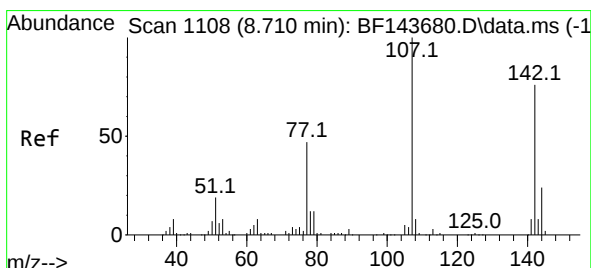
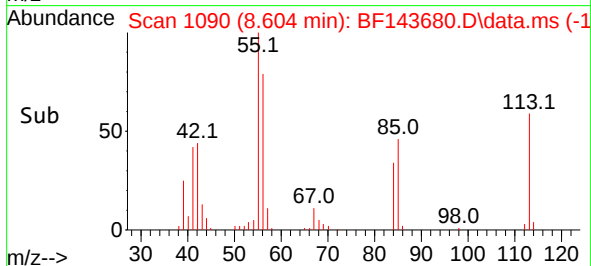
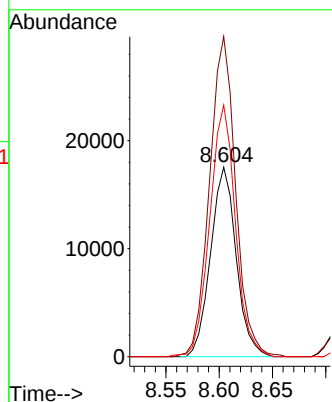
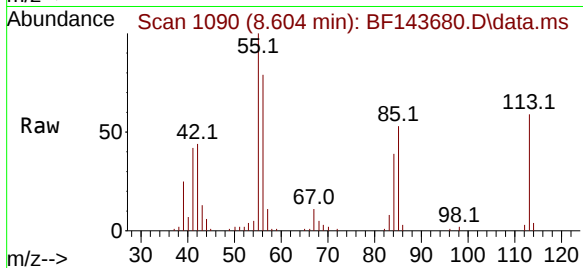
Tgt Ion:113 Resp: 29280

Ion Ratio Lower Upper

113 100

55 168.9 148.9 188.9

56 132.8 112.8 152.8



#36

4-Chloro-3-methylphenol

Concen: 41.926 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

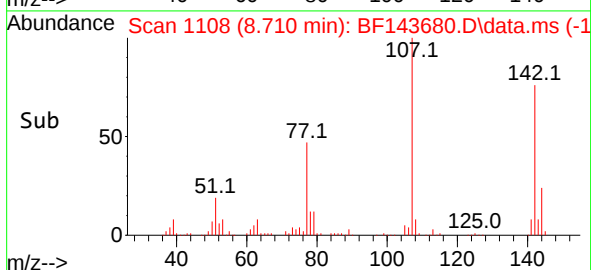
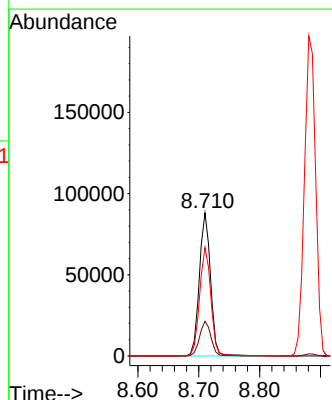
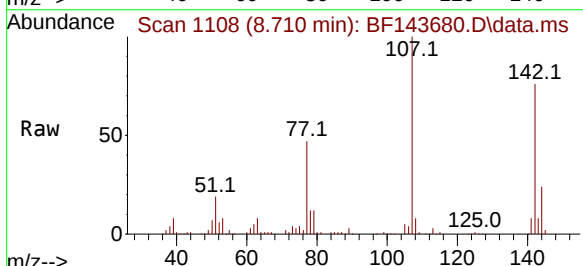
Tgt Ion:107 Resp: 112361

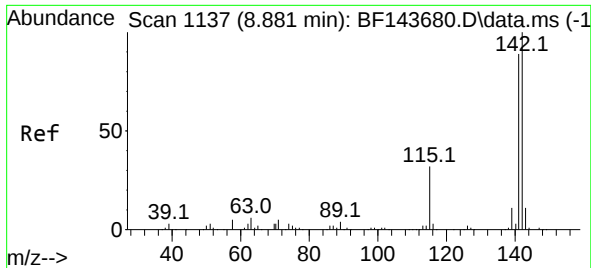
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

142 75.8 60.6 91.0





#37

2-Methylnaphthalene

Concen: 40.131 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

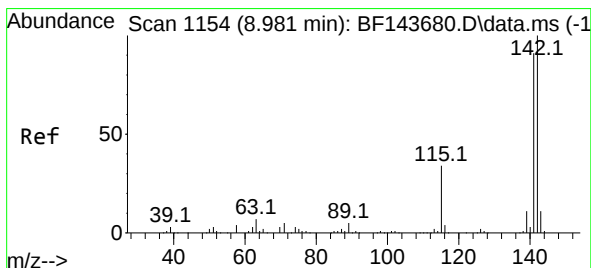
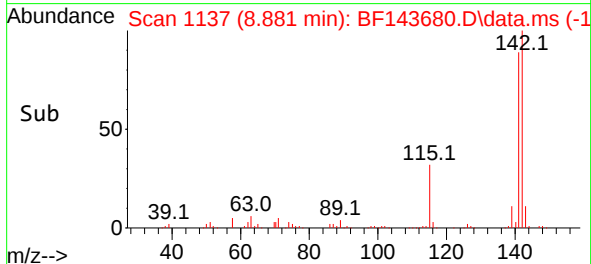
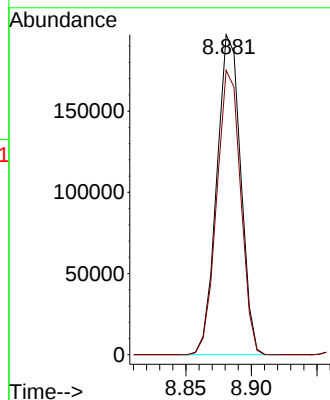
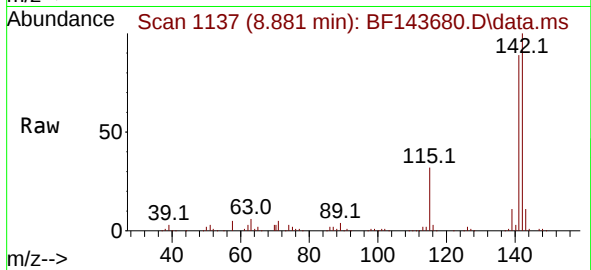
ClientSampleId :

Tgt Ion:142 Resp: 249730

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.320 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143680.D

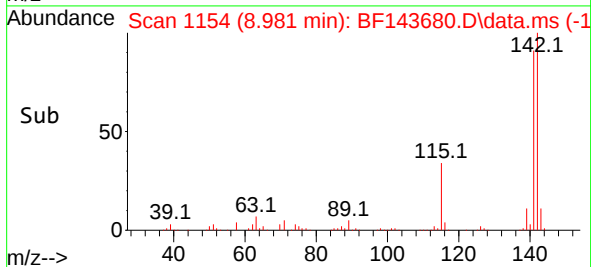
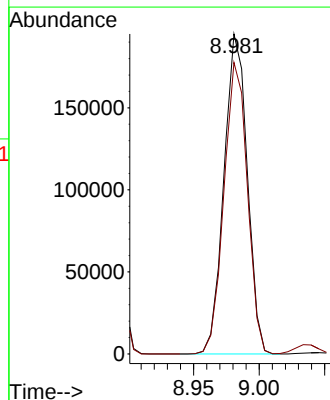
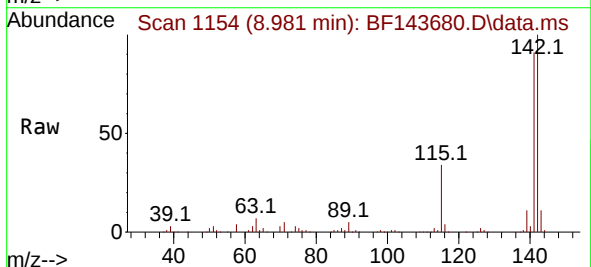
Acq: 09 Sep 2025 11:08

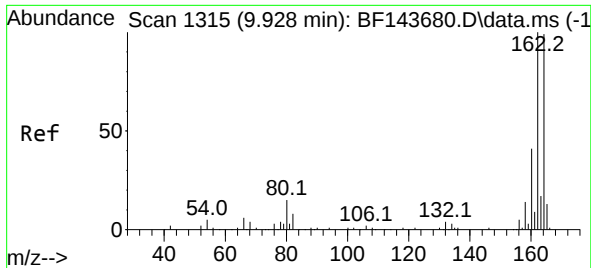
Tgt Ion:142 Resp: 240789

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1115

Delta R.T. 0.000 min

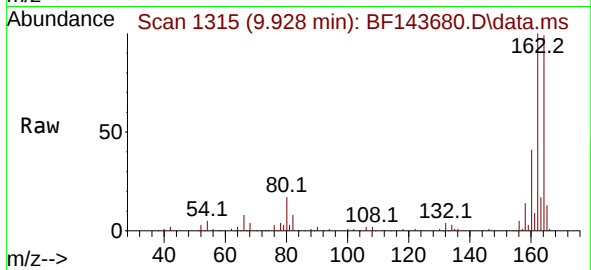
Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :



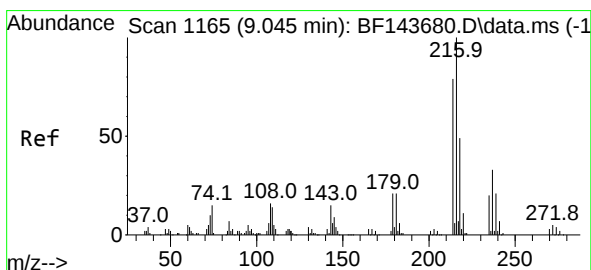
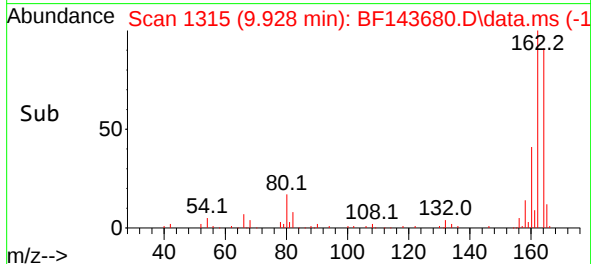
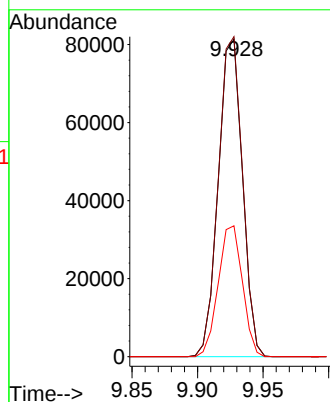
Tgt Ion:164 Resp: 104252

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 41.2 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.506 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Tgt Ion:216 Resp: 120893

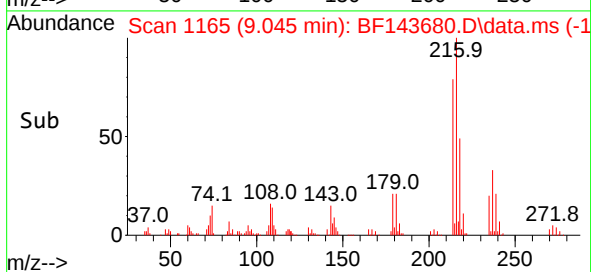
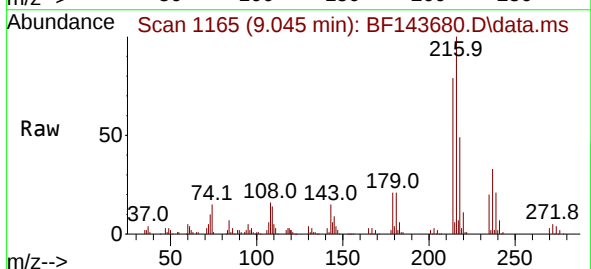
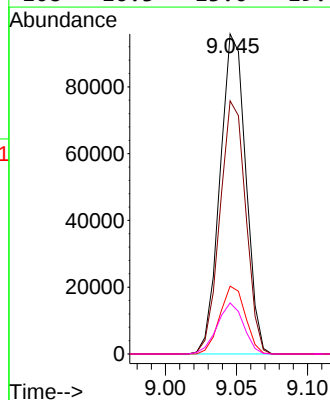
Ion Ratio Lower Upper

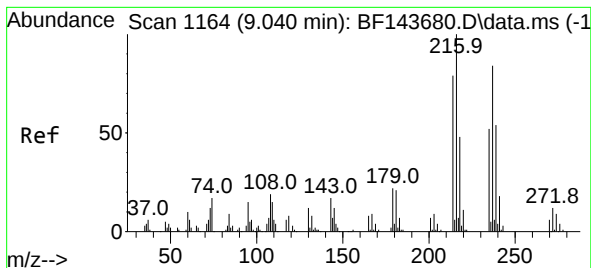
216 100

214 79.0 63.2 94.8

179 21.0 16.8 25.2

108 16.3 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 41.931 ng

RT: 9.040 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

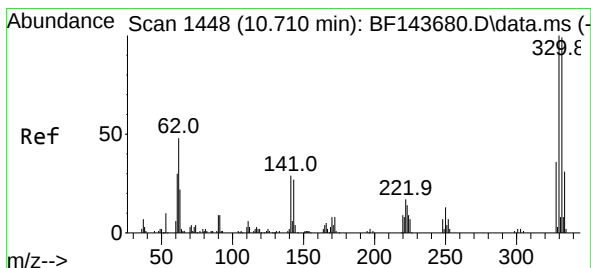
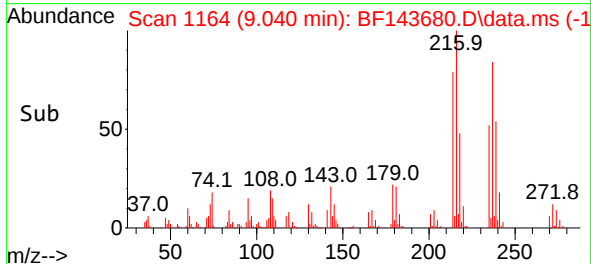
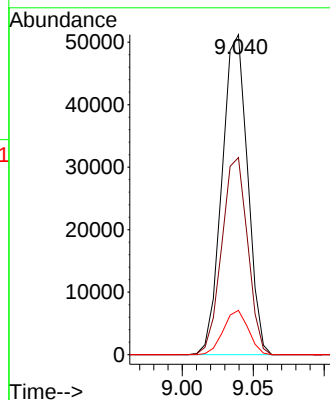
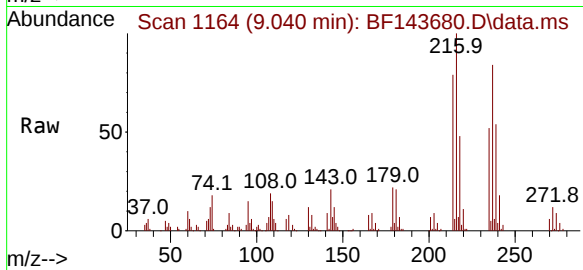
Tgt Ion:237 Resp: 64250

Ion Ratio Lower Upper

237 100

235 61.6 41.6 81.6

272 13.9 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 82.605 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

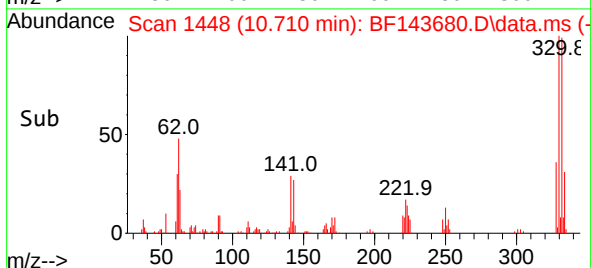
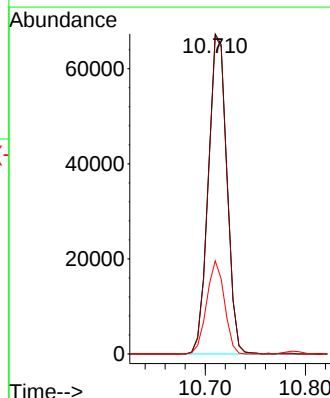
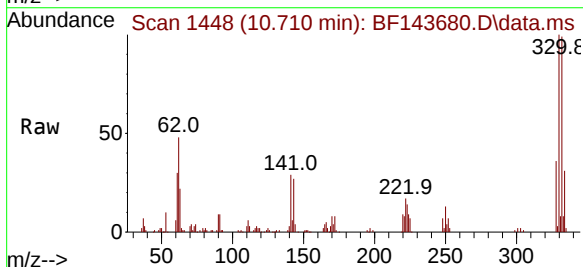
Tgt Ion:330 Resp: 86787

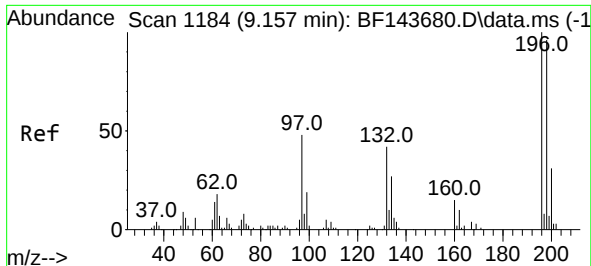
Ion Ratio Lower Upper

330 100

332 99.0 79.2 118.8

141 27.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 42.042 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

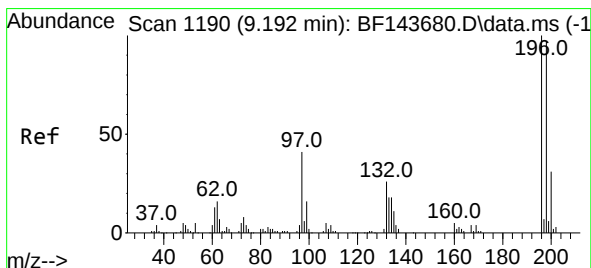
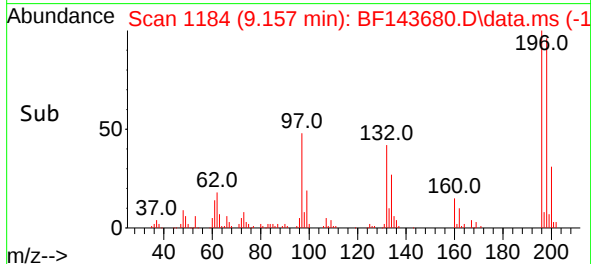
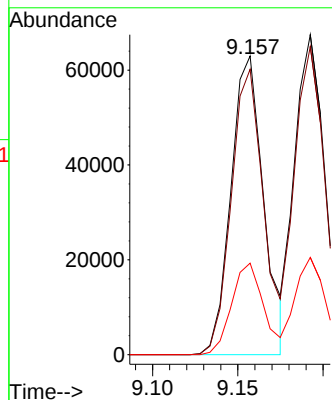
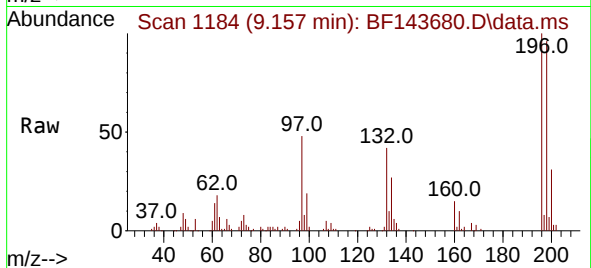
Tgt Ion:196 Resp: 83786

Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.443 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Tgt Ion:196 Resp: 83964

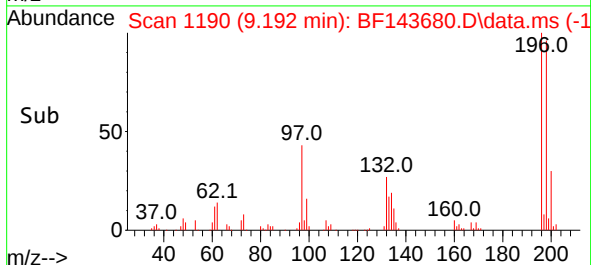
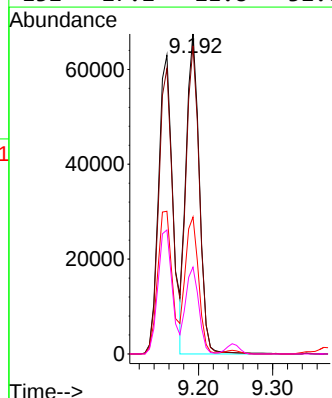
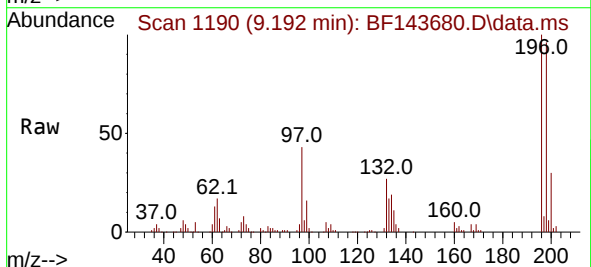
Ion Ratio Lower Upper

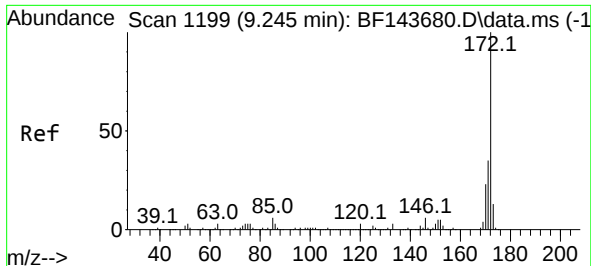
196 100

198 96.3 77.0 115.6

97 42.8 34.2 51.4

132 27.2 21.8 32.6

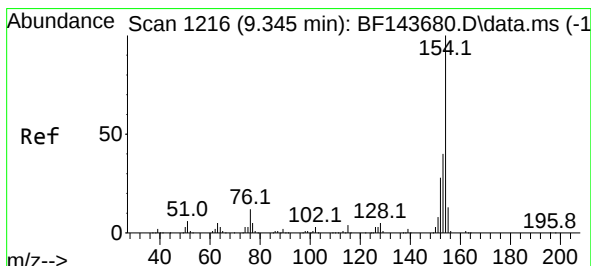
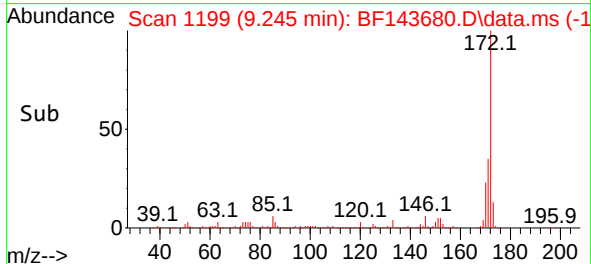
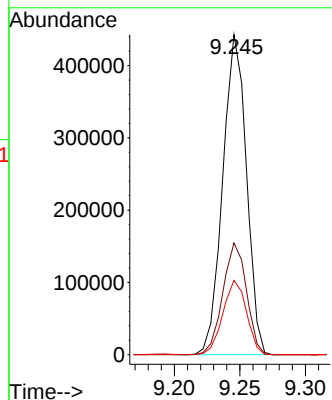
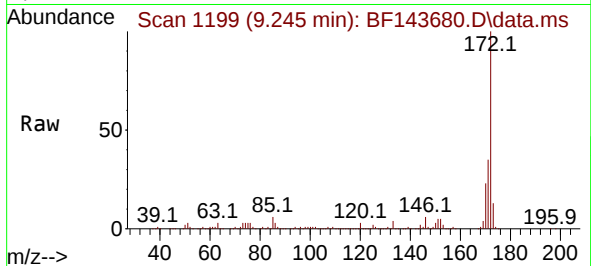




#45
2-Fluorobiphenyl
Concen: 80.568 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

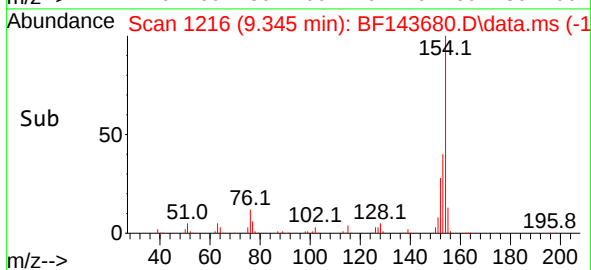
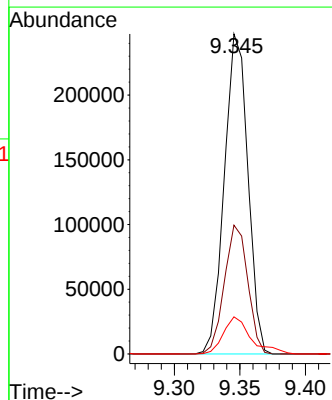
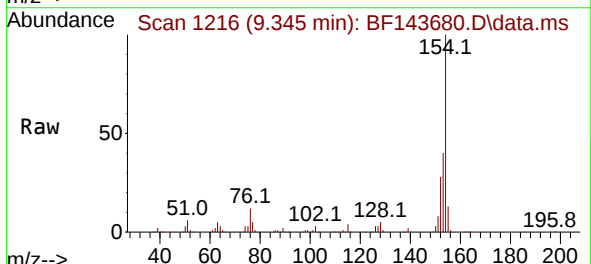
Instrument :
BNA_F
ClientSampleId :

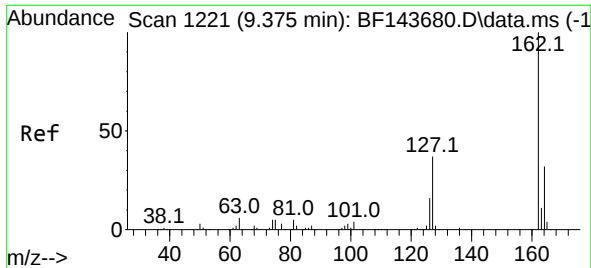
Tgt Ion:172 Resp: 556021
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.065 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

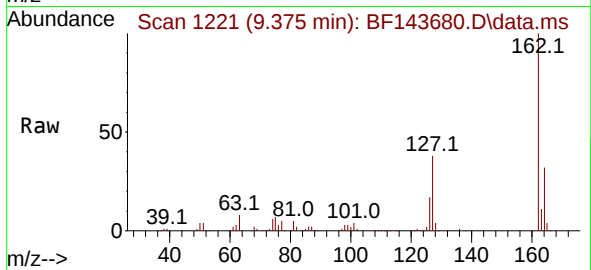
Tgt Ion:154 Resp: 308203
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.6 0.0 31.6



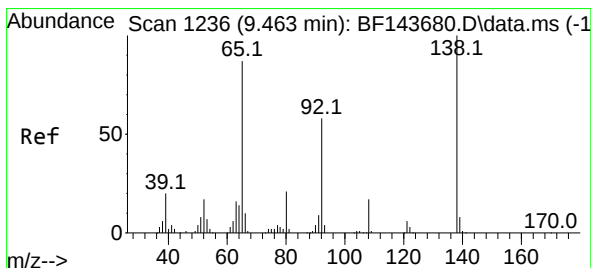
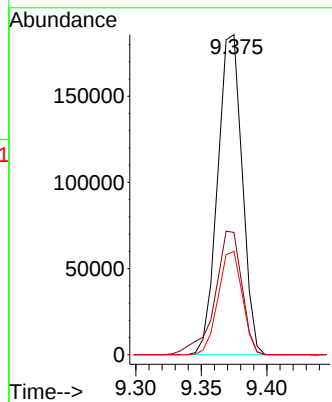
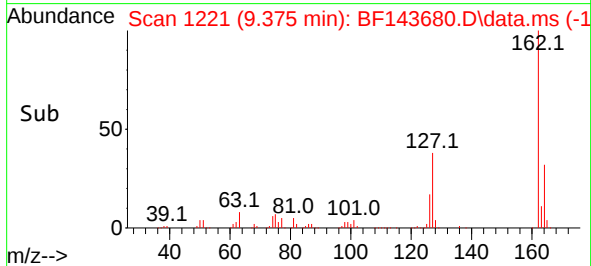


#47
2-Chloronaphthalene
Concen: 41.038 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

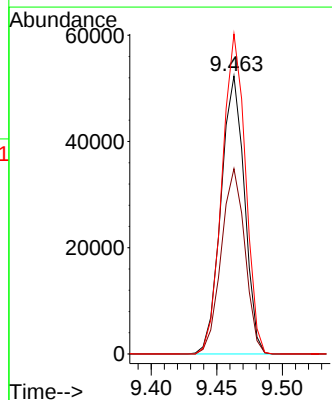
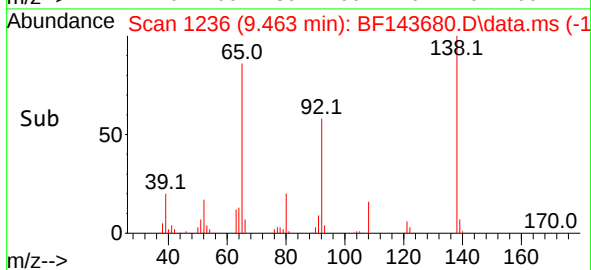
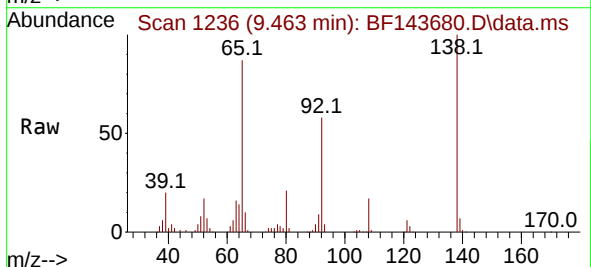


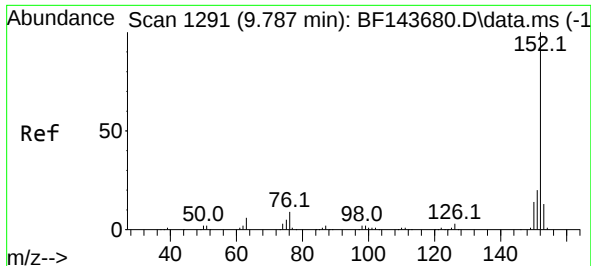
Tgt Ion:162 Resp: 241460
Ion Ratio Lower Upper
162 100
127 38.2 30.6 45.8
164 32.3 25.8 38.8



#48
2-Nitroaniline
Concen: 41.717 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 65 Resp: 64957
Ion Ratio Lower Upper
65 100
92 66.6 53.3 79.9
138 115.1 92.1 138.1





#49

Acenaphthylene

Concen: 40.676 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

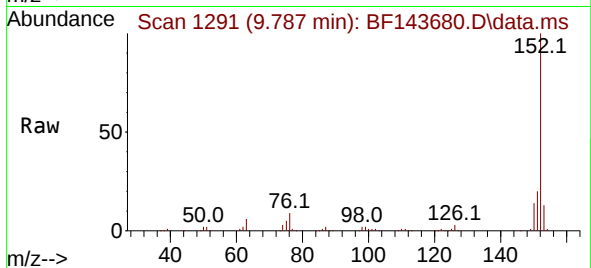
Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :



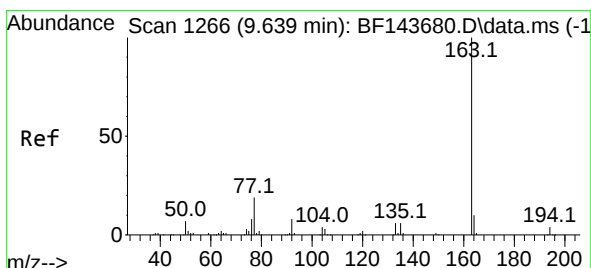
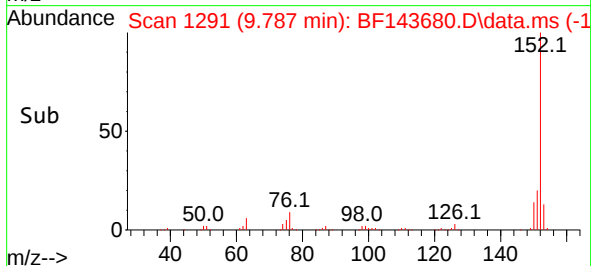
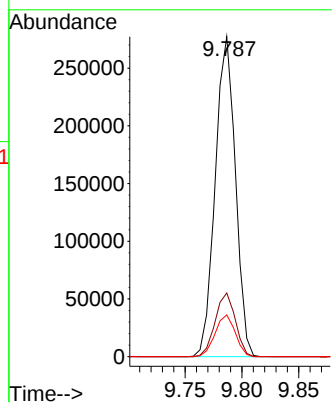
Tgt Ion:152 Resp: 342828

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 40.656 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

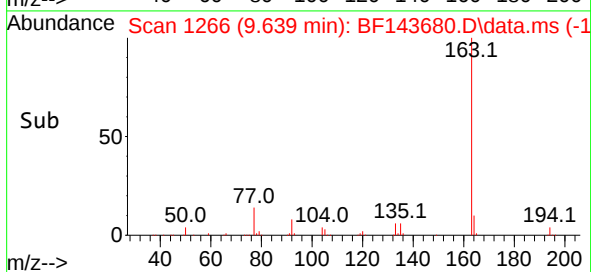
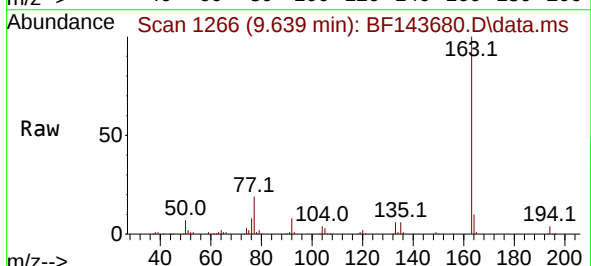
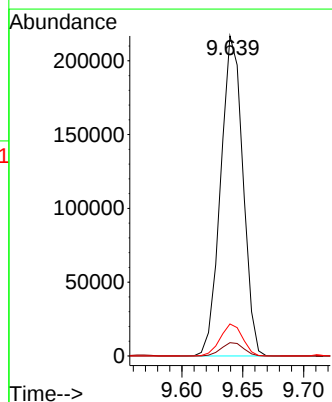
Tgt Ion:163 Resp: 275767

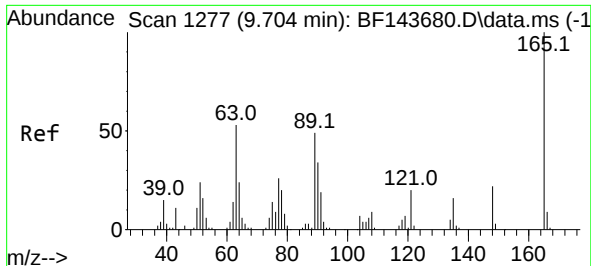
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

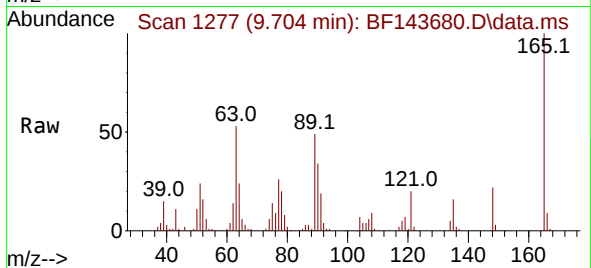
164 10.0 8.0 12.0



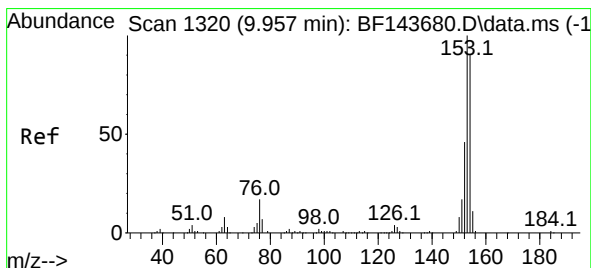
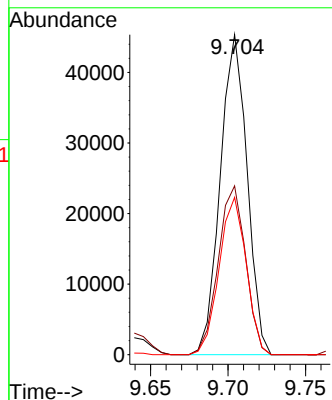
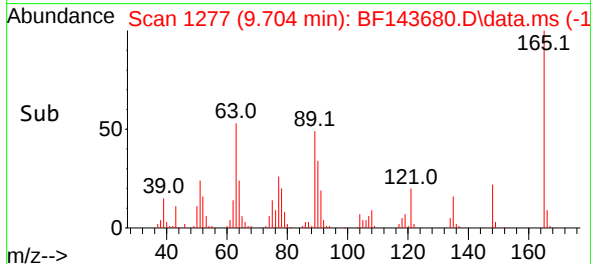


#51
2,6-Dinitrotoluene
Concen: 42.086 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

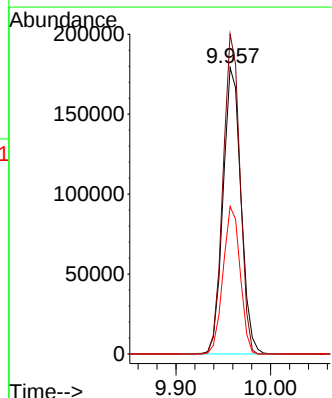
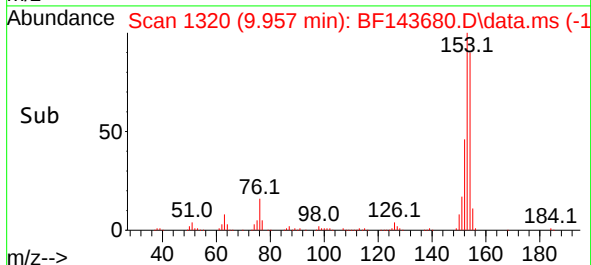
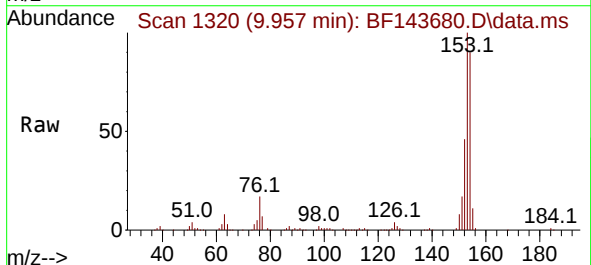


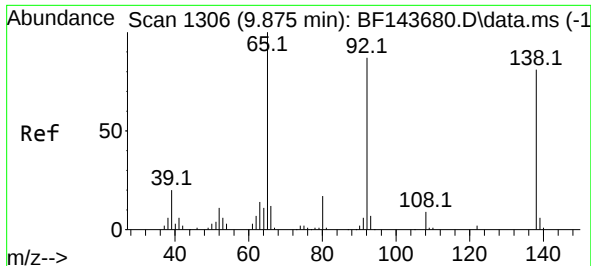
Tgt Ion:165 Resp: 54581
Ion Ratio Lower Upper
165 100
63 52.8 42.2 63.4
89 49.1 39.3 58.9



#52
Acenaphthene
Concen: 40.654 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

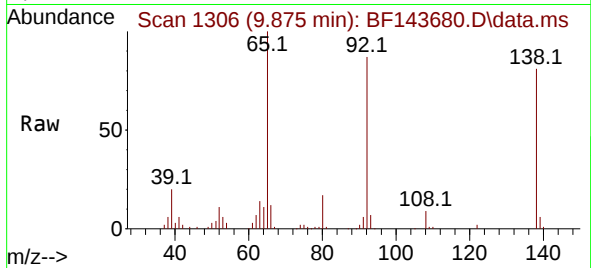
Tgt Ion:154 Resp: 236114
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 51.5 41.2 61.8



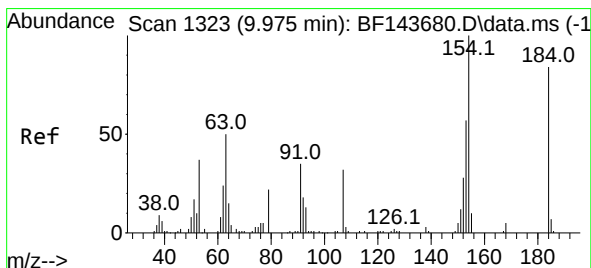
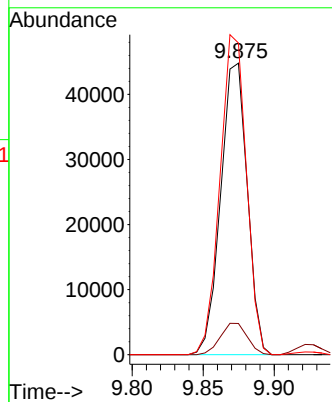
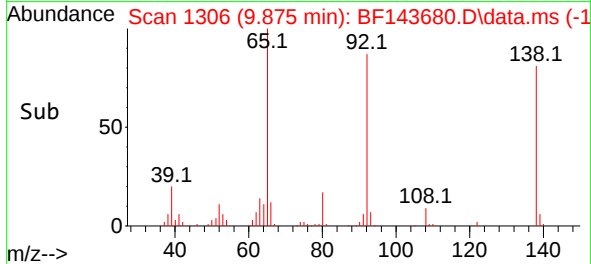


#53
3-Nitroaniline
Concen: 41.873 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

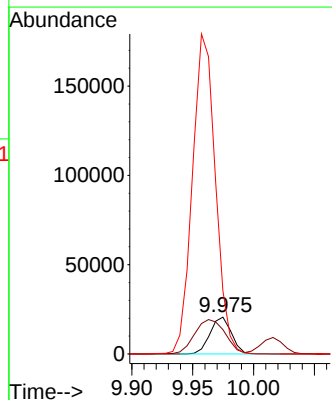
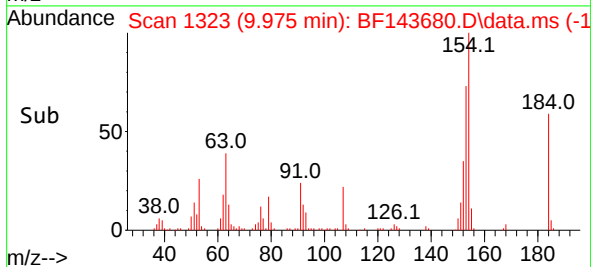
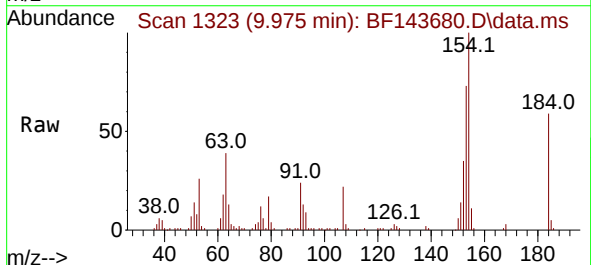


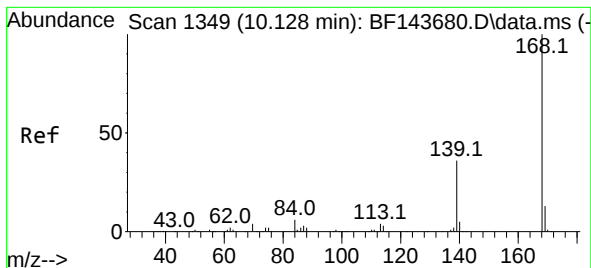
Tgt Ion:138 Resp: 58440
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 106.9 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 39.342 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:184 Resp: 25316
Ion Ratio Lower Upper
184 100
63 65.9 52.7 79.1
154 170.7 136.6 204.8





#55

Dibenzenofuran

Concen: 40.249 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

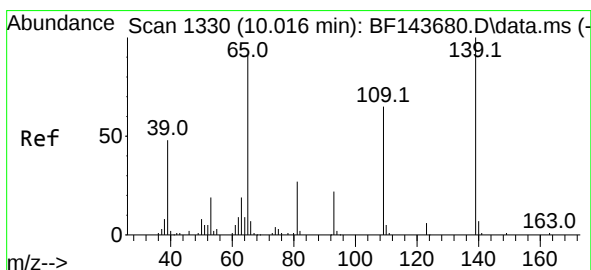
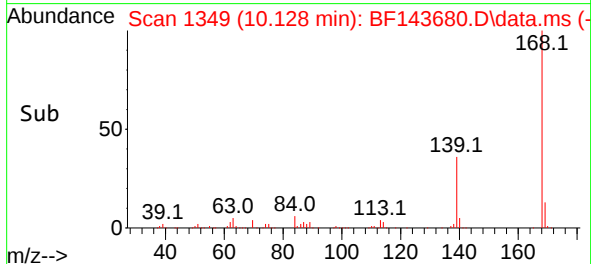
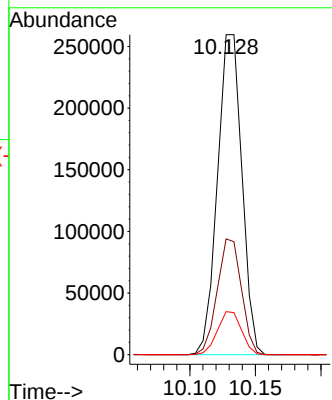
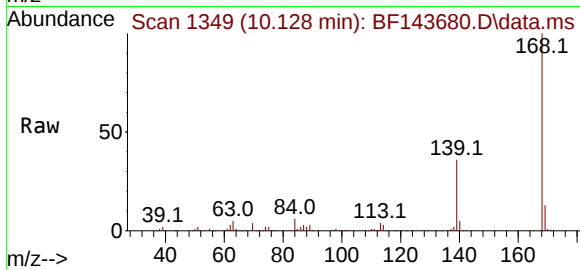
Tgt Ion:168 Resp: 336132

Ion Ratio Lower Upper

168 100

139 36.2 29.0 43.4

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 41.829 ng

RT: 10.016 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

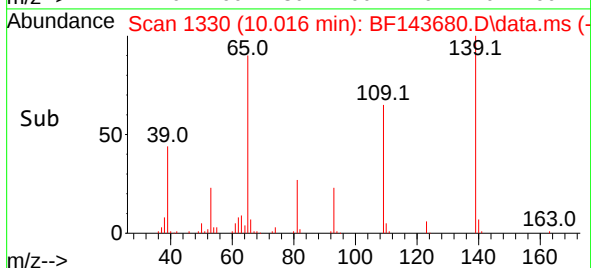
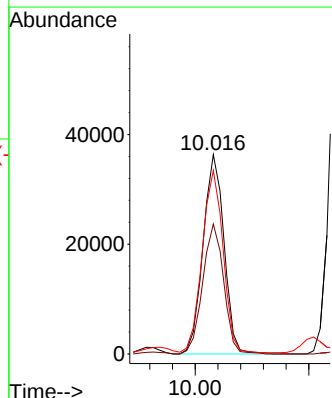
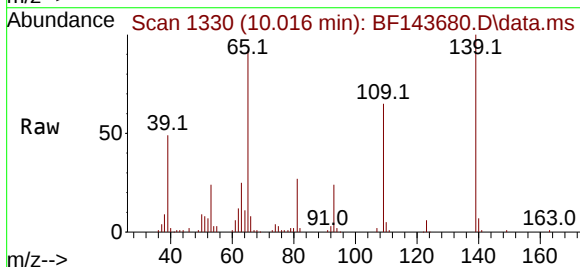
Tgt Ion:139 Resp: 46445

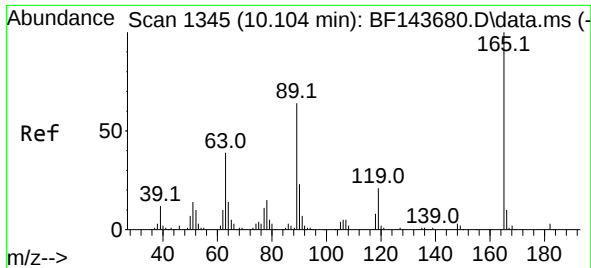
Ion Ratio Lower Upper

139 100

109 65.2 45.2 85.2

65 92.1 72.1 112.1

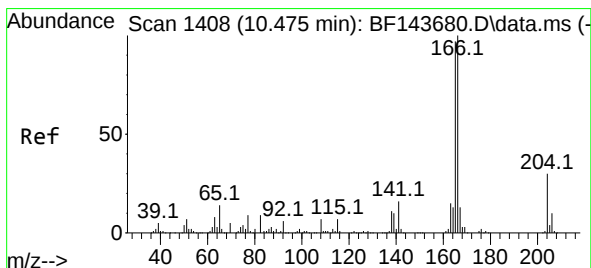
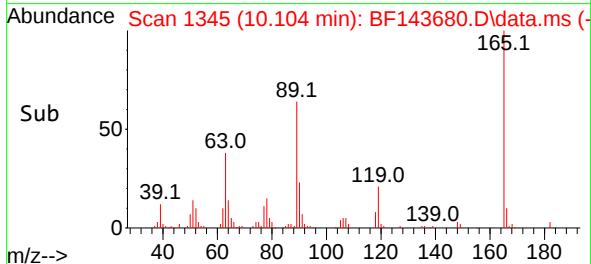
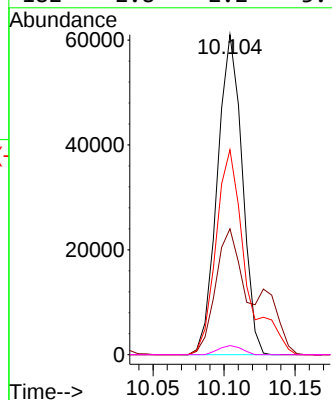
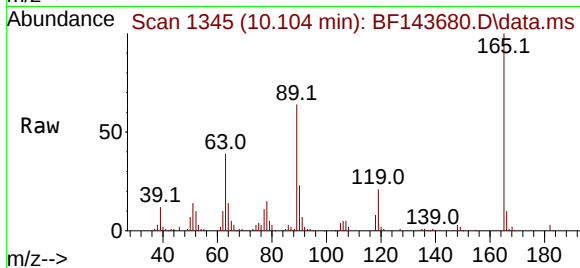




#57
2,4-Dinitrotoluene
Concen: 42.110 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

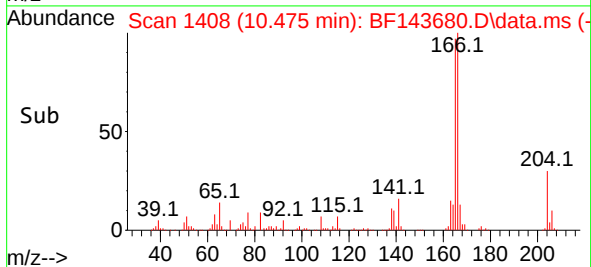
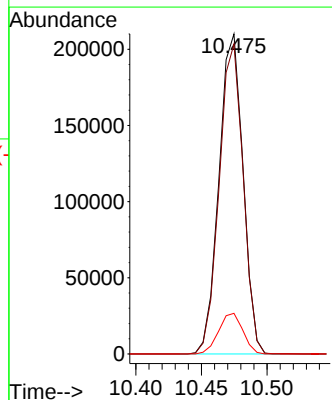
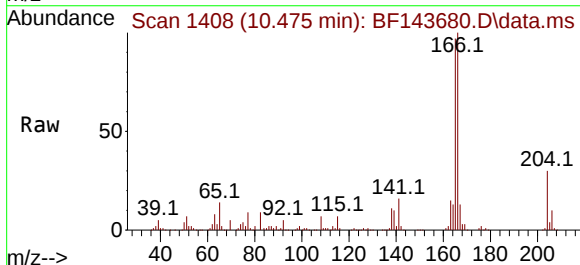
Instrument :
BNA_F
ClientSampleId :

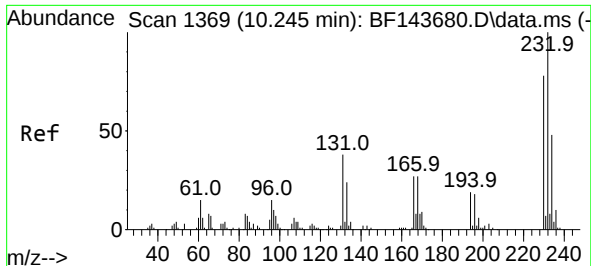
Tgt Ion:	165	Resp:	74327
Ion Ratio	Lower	Upper	
165	100		
63	39.4	31.5	47.3
89	64.1	51.3	76.9
182	2.8	2.2	3.4



#58
Fluorene
Concen: 40.928 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:	166	Resp:	267557
Ion Ratio	Lower	Upper	
166	100		
165	96.9	77.5	116.3
167	12.7	10.2	15.2

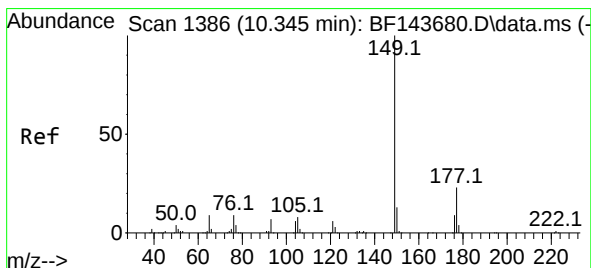
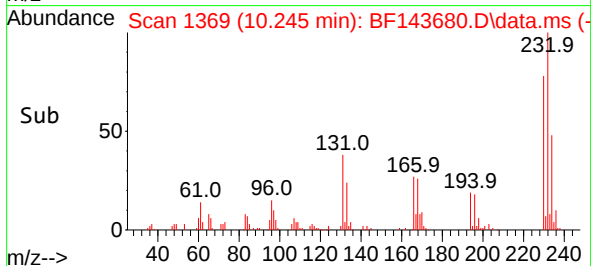
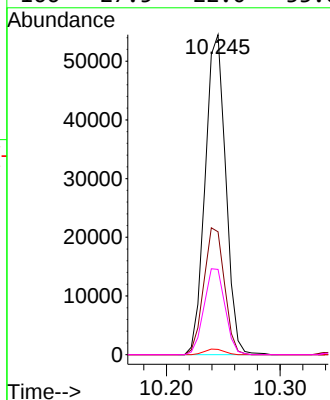
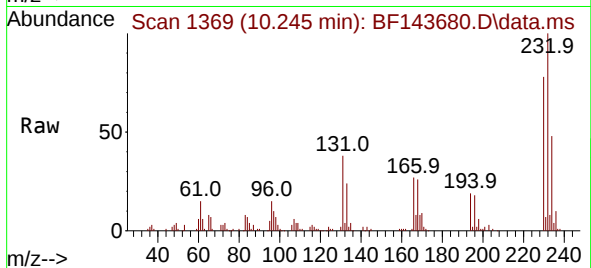




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.623 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

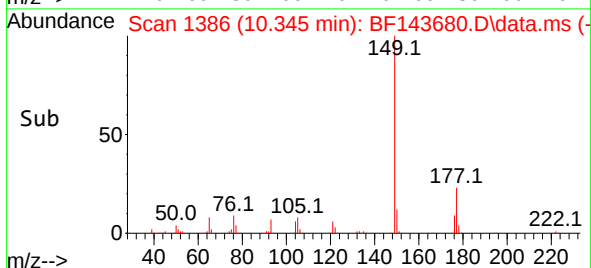
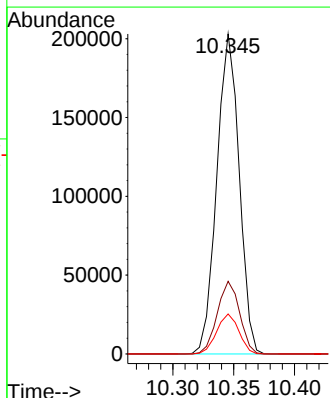
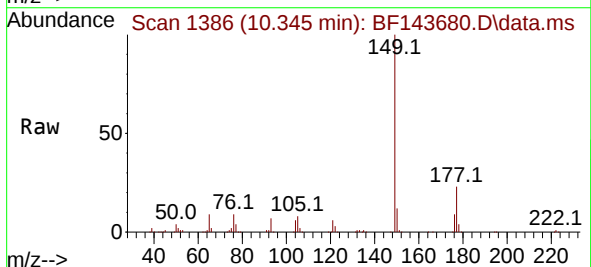
Instrument :
BNA_F
ClientSampleId :

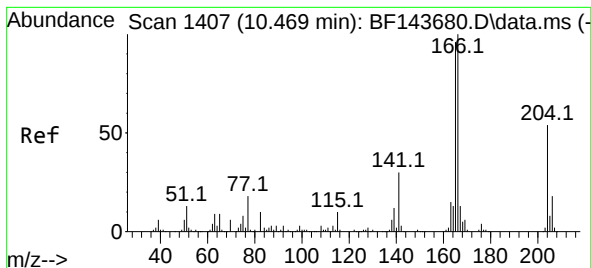
Tgt Ion:232 Resp: 68379
Ion Ratio Lower Upper
232 100
131 39.9 31.9 47.9
130 1.7 1.4 2.0
166 27.5 22.0 33.0



#60
Diethylphthalate
Concen: 40.760 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:149 Resp: 259562
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.5 10.0 15.0

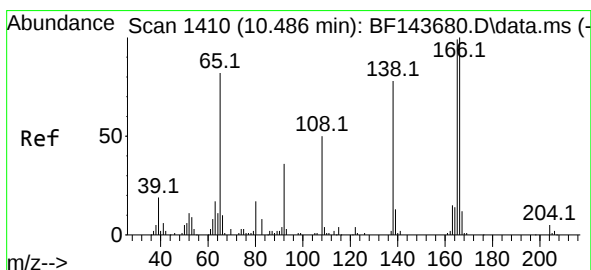
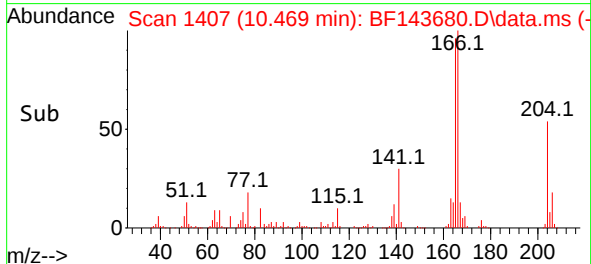
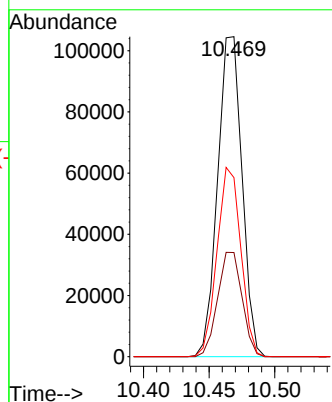
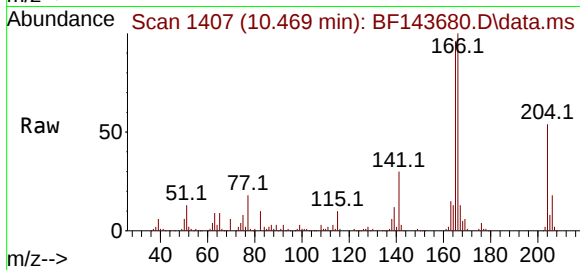




#61
4-Chlorophenyl-phenylether
Concen: 40.803 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

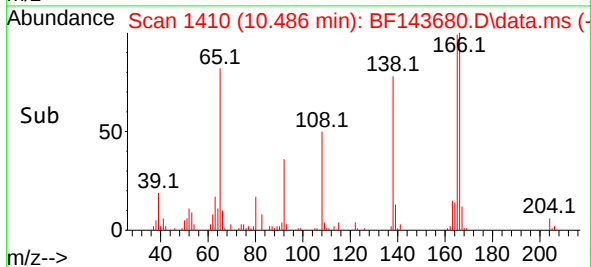
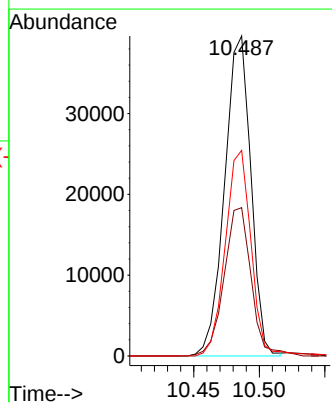
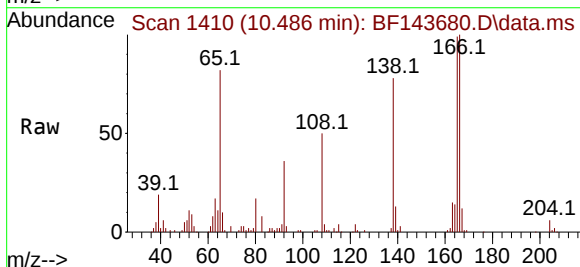
Instrument :
BNA_F
ClientSampleId :

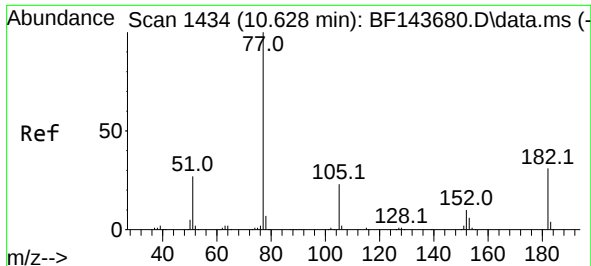
Tgt Ion:204 Resp: 135281
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 56.0 44.8 67.2



#62
4-Nitroaniline
Concen: 41.705 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:138 Resp: 55128
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 64.3 44.3 84.3

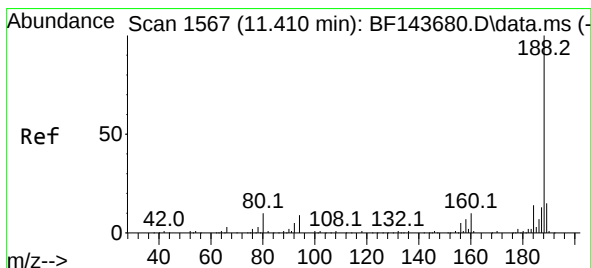
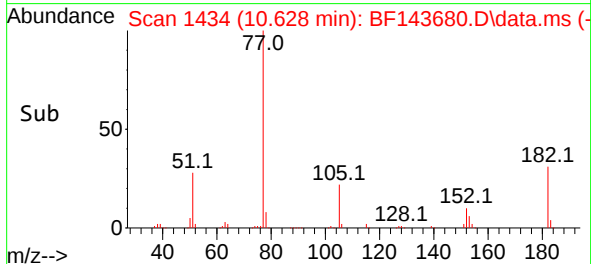
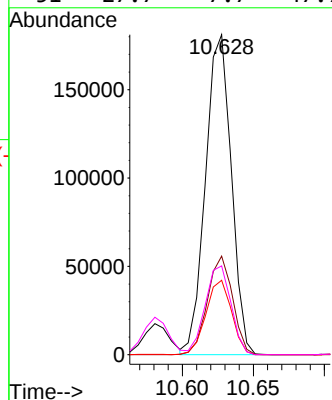
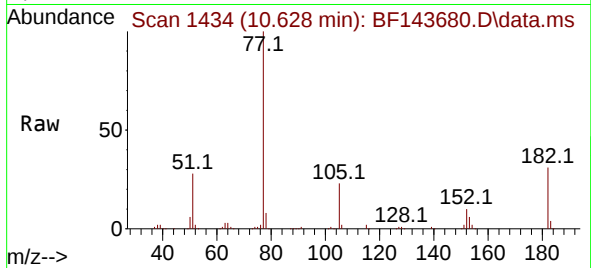




#63
Azobenzene
Concen: 40.670 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

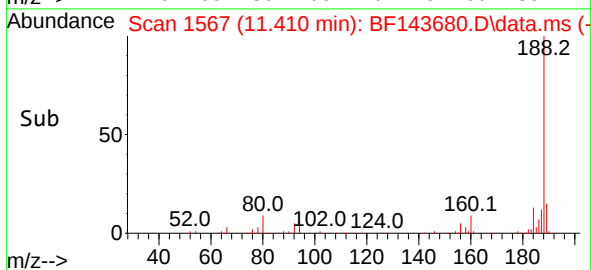
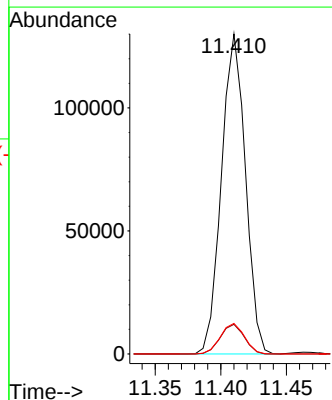
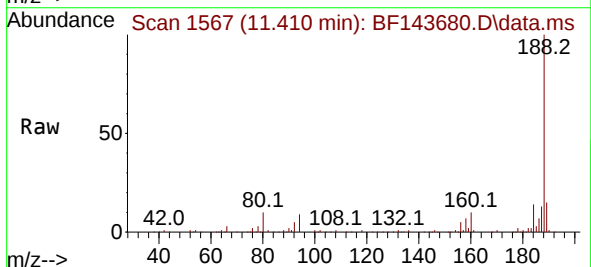
Instrument :
BNA_F
ClientSampleId :

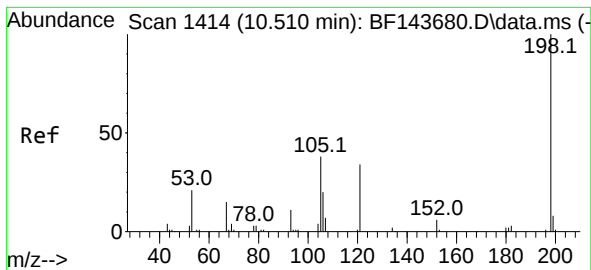
Tgt Ion: 77	Resp: 228960
Ion Ratio	Lower Upper
77 100	
182 30.8	10.8 50.8
105 23.2	3.2 43.2
51 27.7	7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:188	Resp: 165335		
Ion Ratio	Lower	Upper	
188 100			
94 9.2	7.4	11.0	
80 9.6	7.7	11.5	

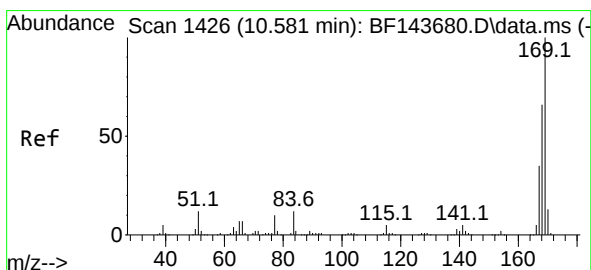
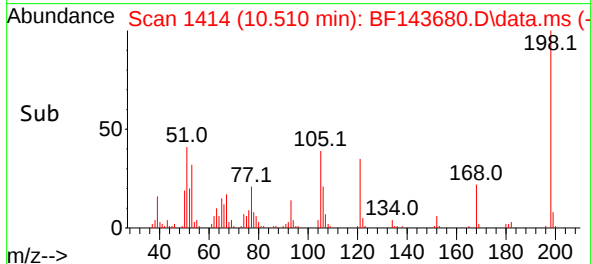
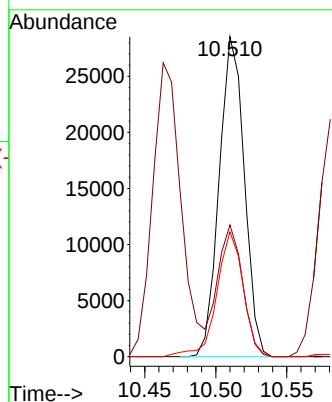
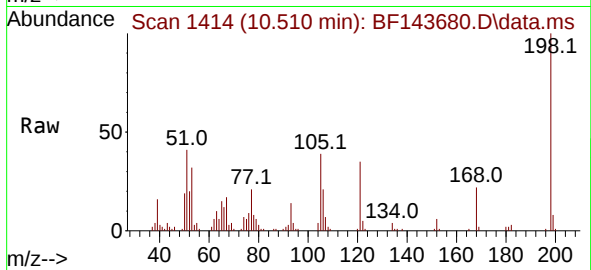




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.701 ng
 RT: 10.510 min Scan# 1414
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

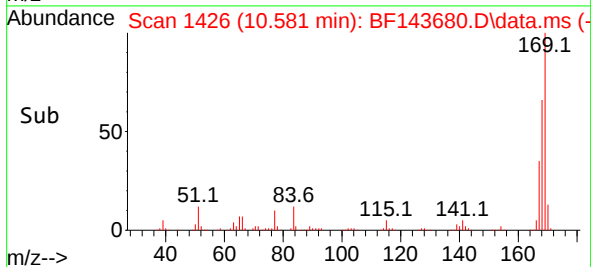
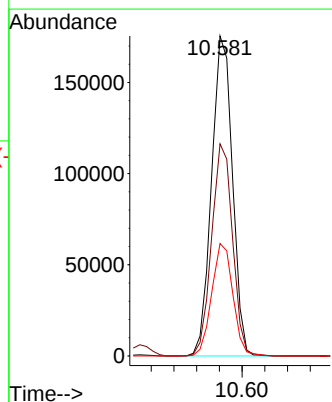
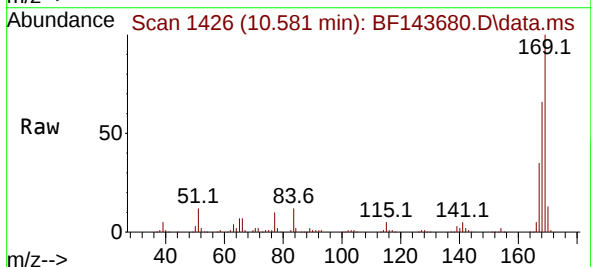
Instrument :
 BNA_F
 ClientSampleId :

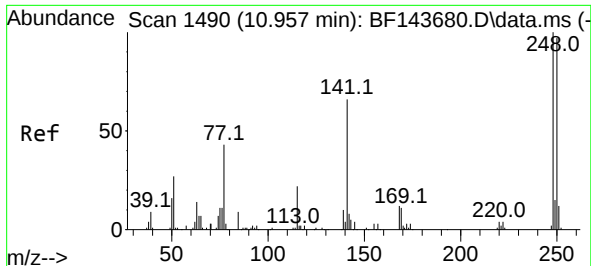
Tgt Ion:198 Resp: 35103
 Ion Ratio Lower Upper
 198 100
 51 41.2 21.2 61.2
 105 39.0 19.0 59.0



#66
 n-Nitrosodiphenylamine
 Concen: 41.272 ng
 RT: 10.581 min Scan# 1426
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Tgt Ion:169 Resp: 223544
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.0 79.6
 167 35.1 28.1 42.1

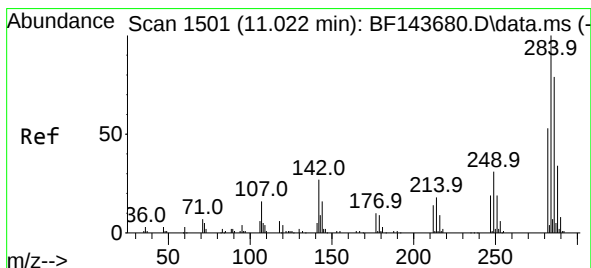
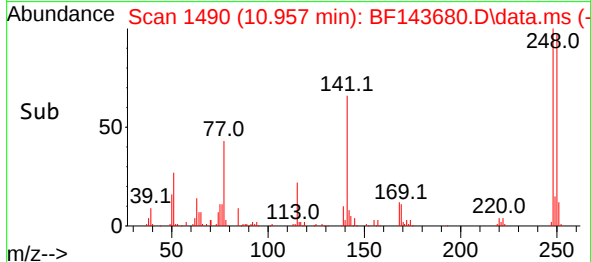
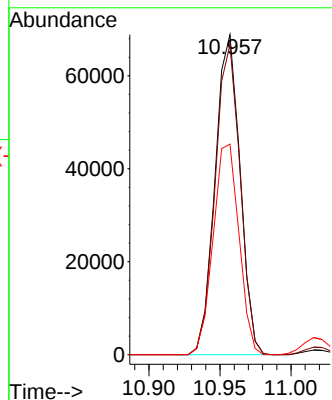
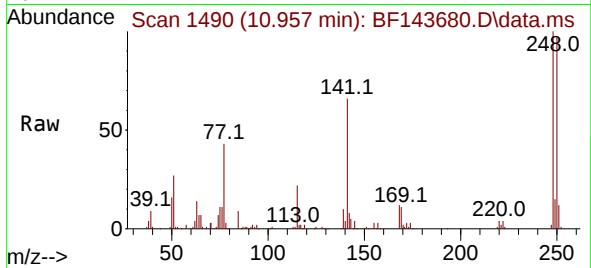




#67
4-Bromophenyl-phenylether
Concen: 42.283 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

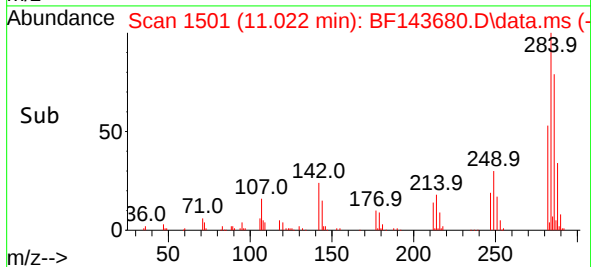
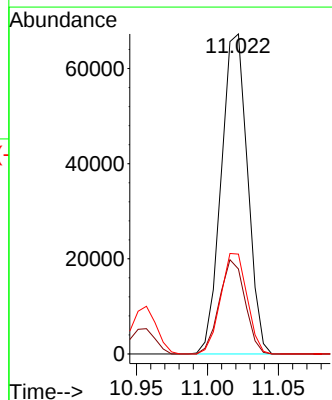
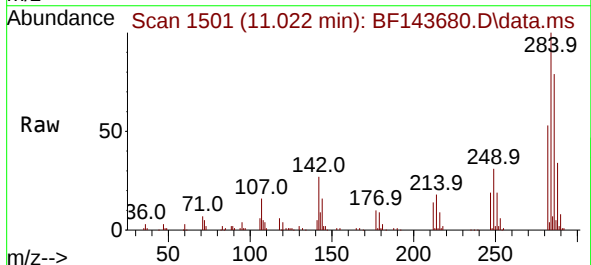
Instrument :
BNA_F
ClientSampleId :

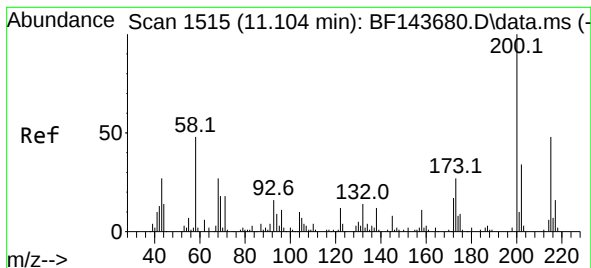
Tgt Ion:248 Resp: 84304
Ion Ratio Lower Upper
248 100
250 96.9 77.5 116.3
141 65.8 52.6 79.0



#68
Hexachlorobenzene
Concen: 41.162 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:284 Resp: 86656
Ion Ratio Lower Upper
284 100
142 26.6 21.3 31.9
249 31.2 25.0 37.4





#69

Atrazine

Concen: 40.123 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

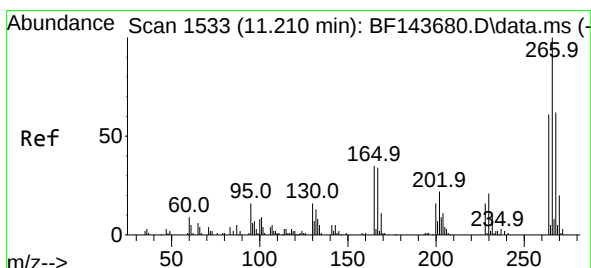
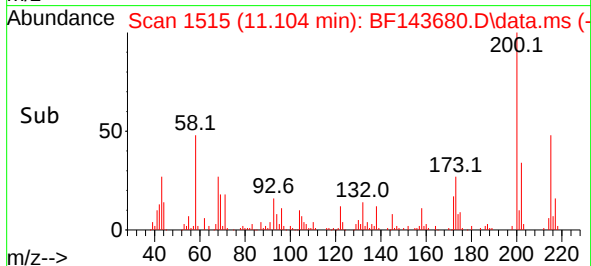
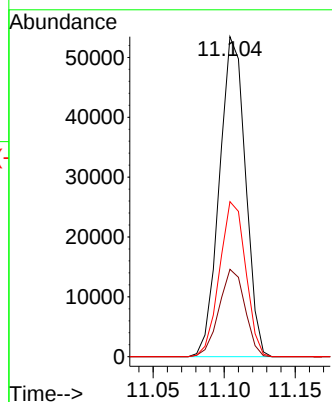
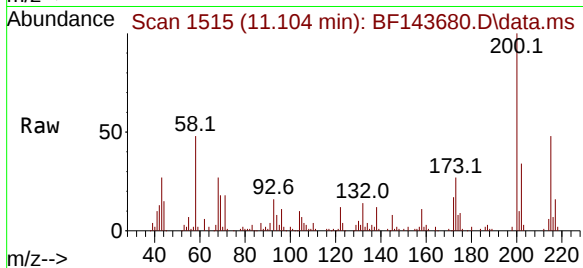
Tgt Ion:200 Resp: 68140

Ion Ratio Lower Upper

200 100

173 27.3 7.3 47.3

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 42.640 ng

RT: 11.210 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

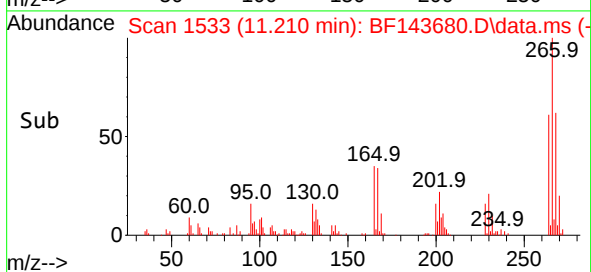
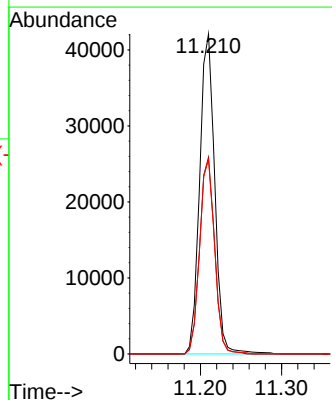
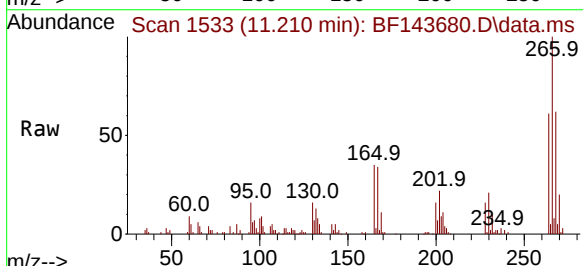
Tgt Ion:266 Resp: 54265

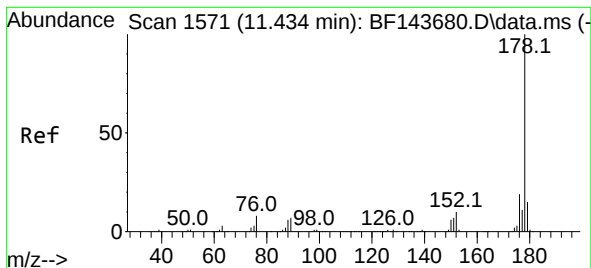
Ion Ratio Lower Upper

266 100

268 61.5 49.2 73.8

264 60.8 48.6 73.0





#71

Phenanthrene

Concen: 40.436 ng

RT: 11.434 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

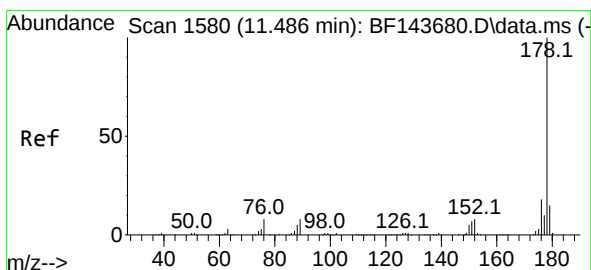
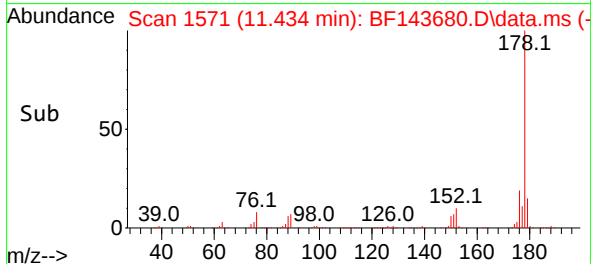
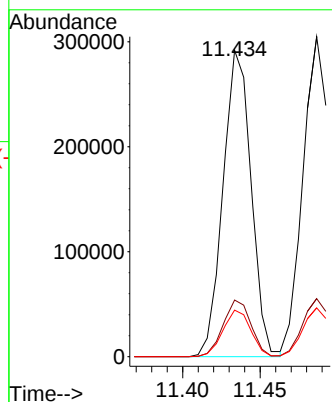
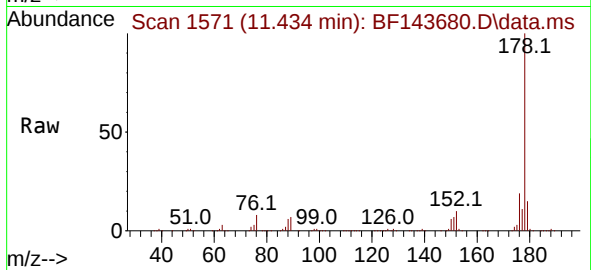
Tgt Ion:178 Resp: 368361

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.2 12.2 18.2



#72

Anthracene

Concen: 40.944 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

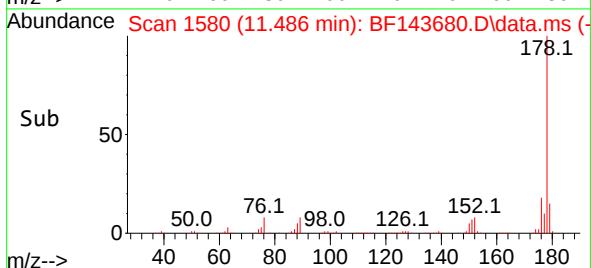
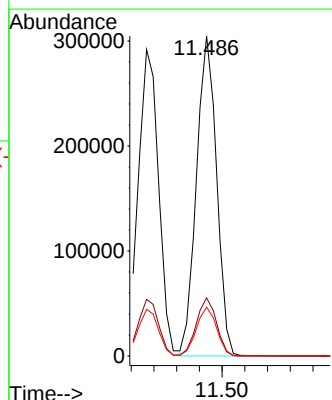
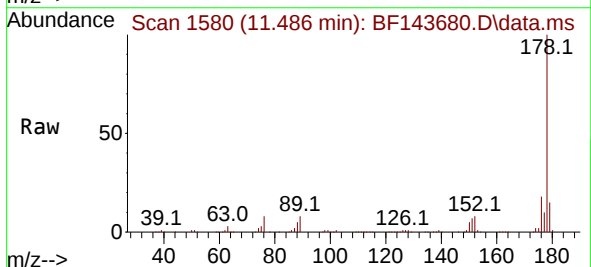
Tgt Ion:178 Resp: 375041

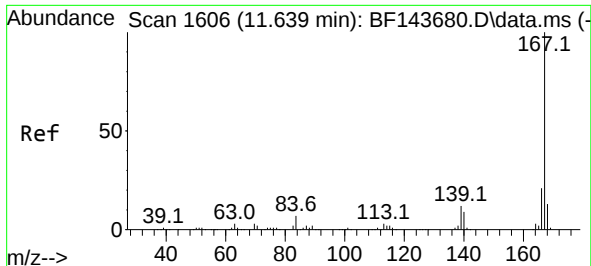
Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

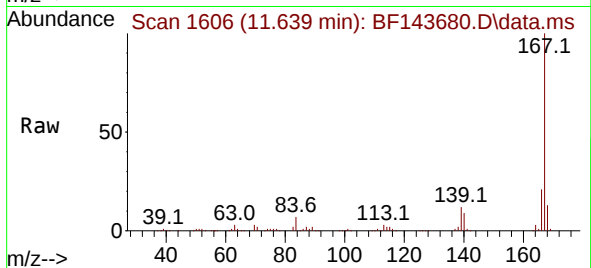
179 15.2 12.2 18.2





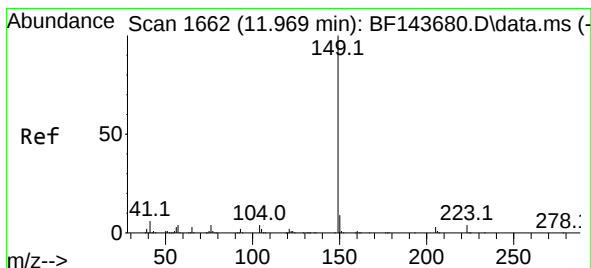
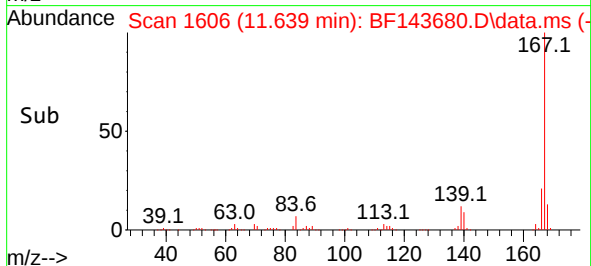
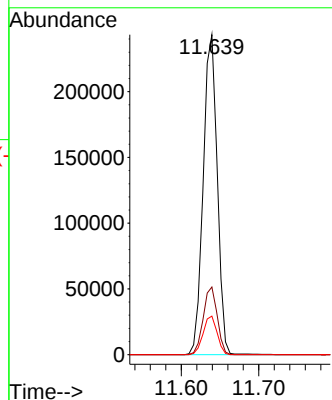
#73
 Carbazole
 Concen: 40.765 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :

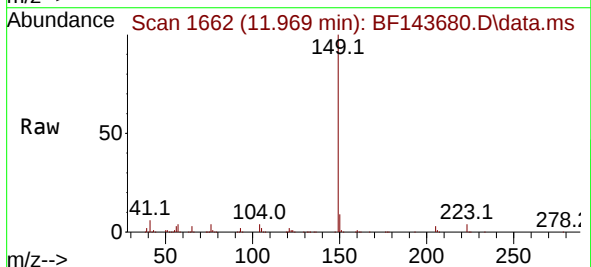


Tgt Ion:167 Resp: 305808

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.1	9.7	14.5

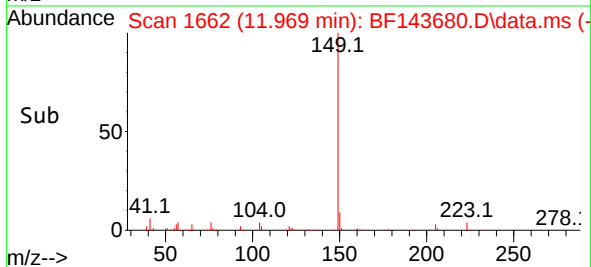
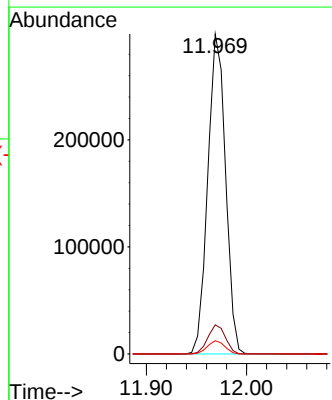


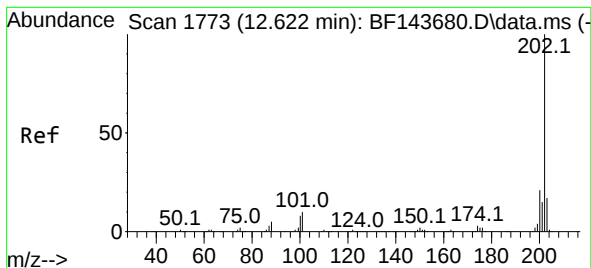
#74
 Di-n-butylphthalate
 Concen: 40.868 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08



Tgt Ion:149 Resp: 369098

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.1	3.3	4.9





#75

Fluoranthene

Concen: 39.906 ng

RT: 12.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

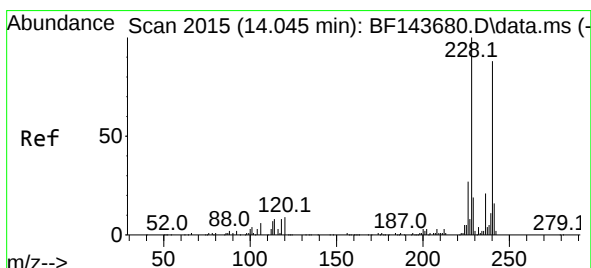
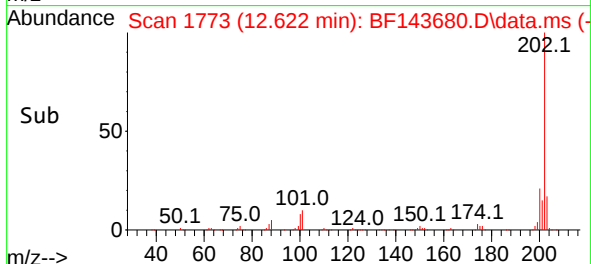
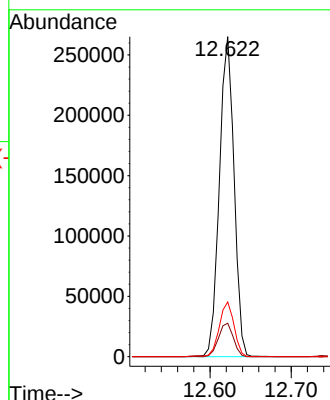
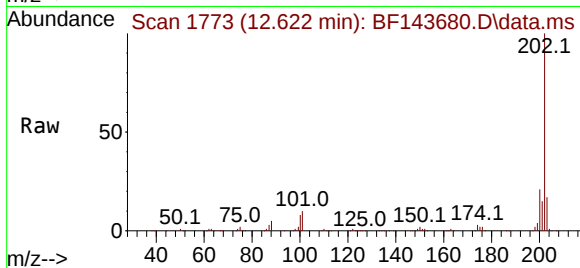
Tgt Ion:202 Resp: 333725

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

203 17.1 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

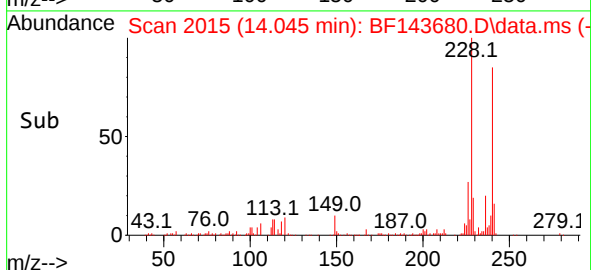
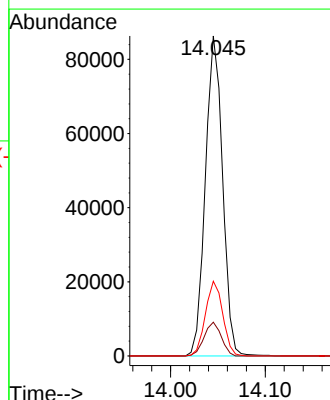
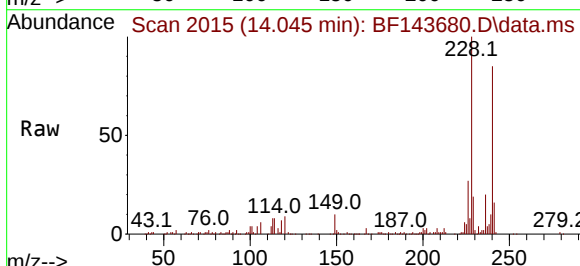
Tgt Ion:240 Resp: 108683

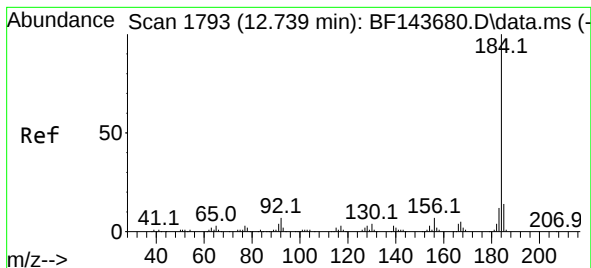
Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 23.3 18.6 28.0





#77

Benzidine

Concen: 40.182 ng

RT: 12.739 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

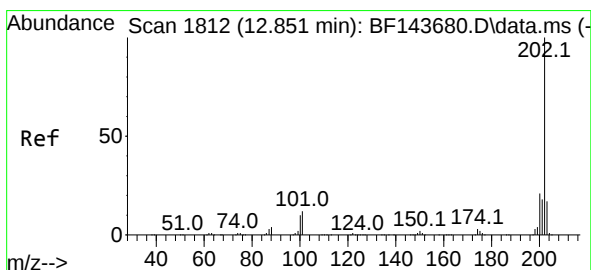
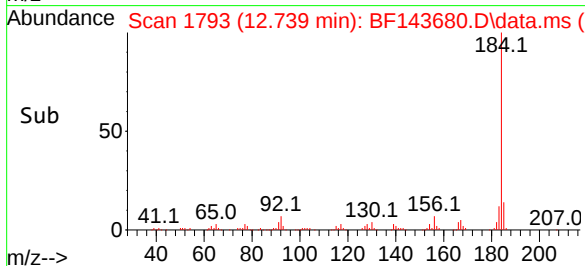
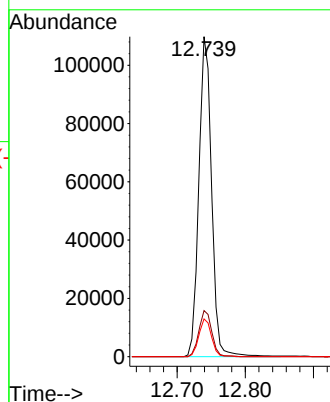
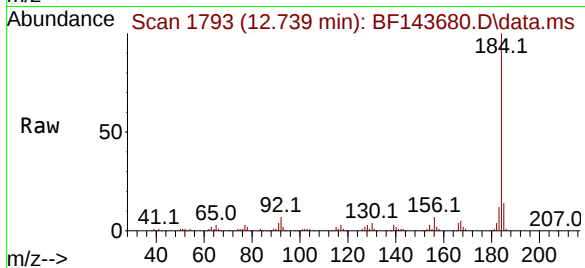
Tgt Ion:184 Resp: 142412

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 38.247 ng

RT: 12.851 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

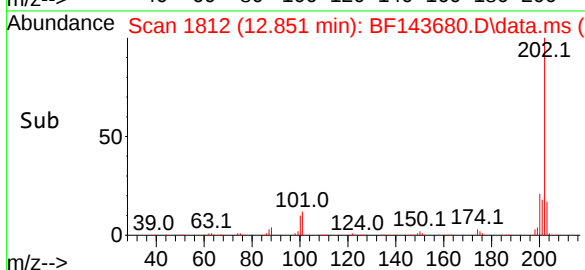
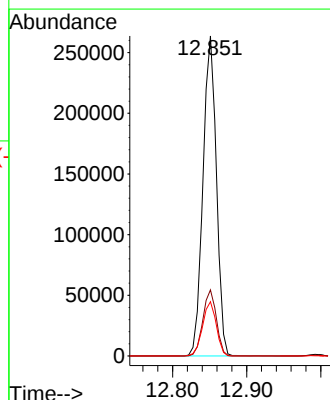
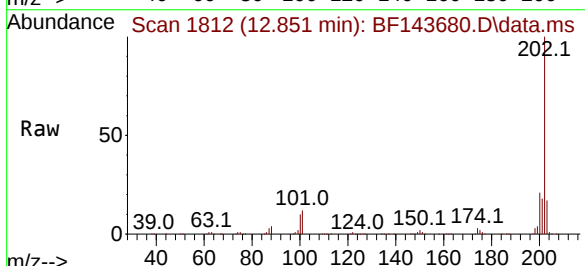
Tgt Ion:202 Resp: 332356

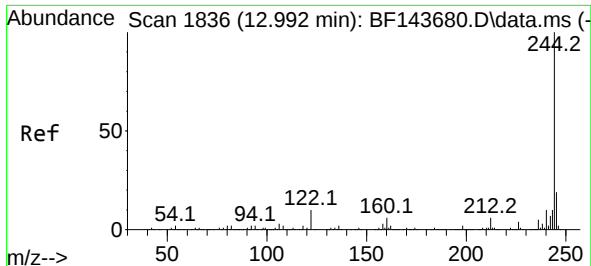
Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

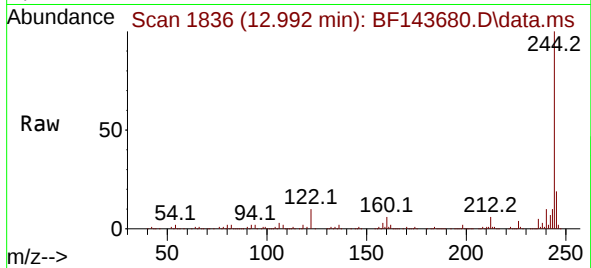
203 16.9 13.5 20.3



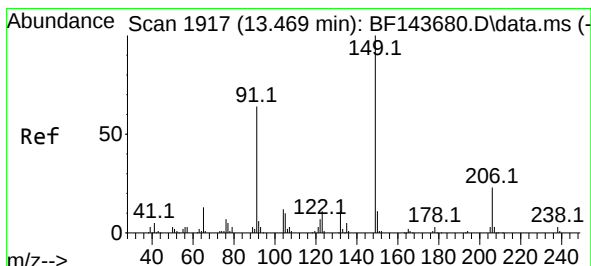
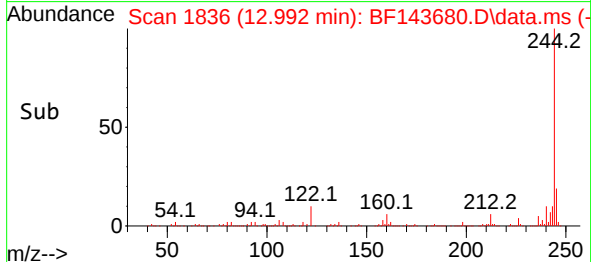
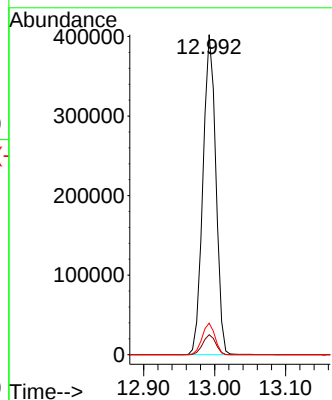


#79
 Terphenyl-d14
 Concen: 76.017 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :

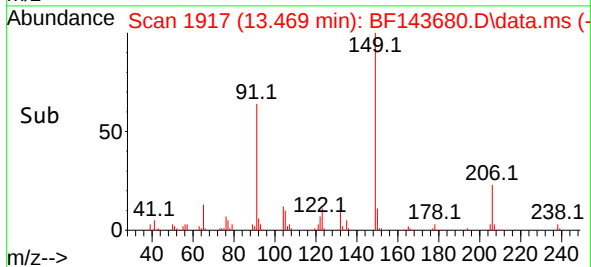
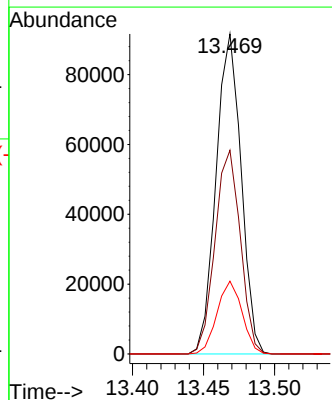
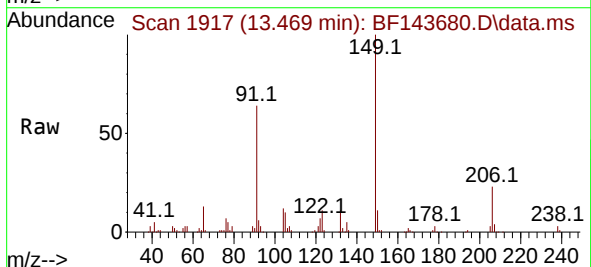


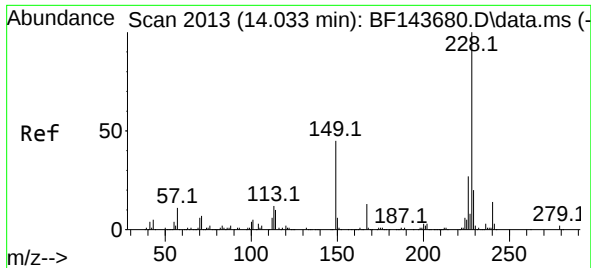
Tgt Ion:244 Resp: 509820
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 9.9 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 41.314 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Tgt Ion:149 Resp: 112482
 Ion Ratio Lower Upper
 149 100
 91 63.6 50.9 76.3
 206 22.7 18.2 27.2

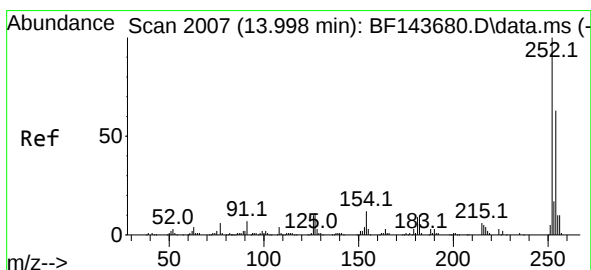
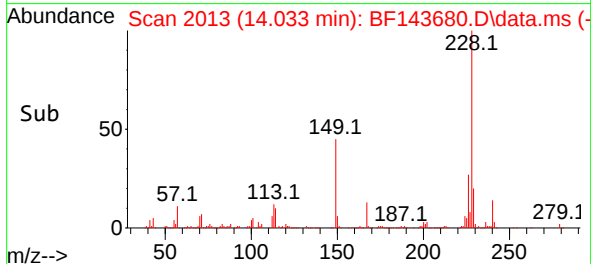
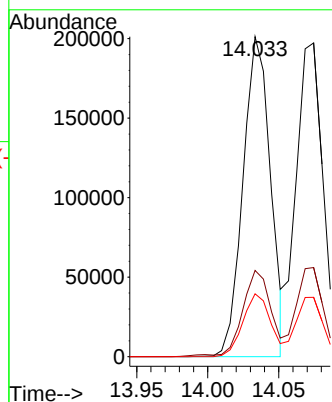
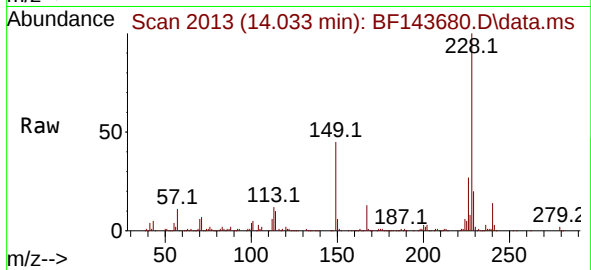




#81
Benzo(a)anthracene
Concen: 38.726 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

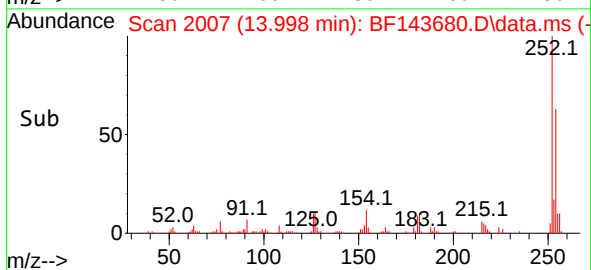
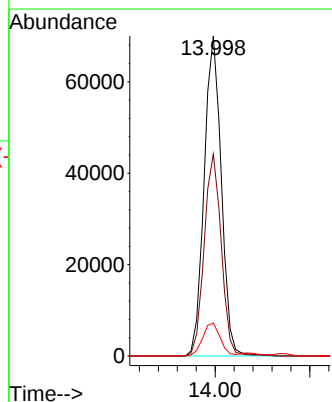
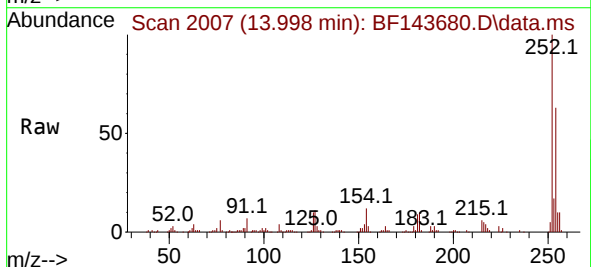
Instrument :
BNA_F
ClientSampleId :

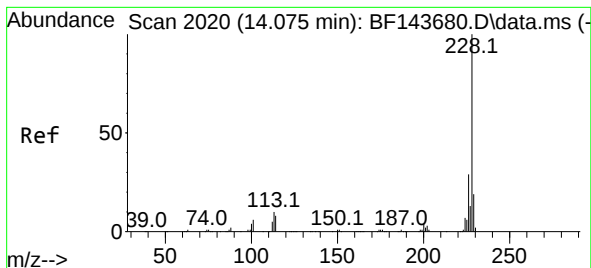
Tgt Ion:228 Resp: 270771
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.919 ng
RT: 13.998 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:252 Resp: 88020
Ion Ratio Lower Upper
252 100
254 63.1 50.5 75.7
126 10.3 8.2 12.4





#83

Chrysene

Concen: 40.223 ng

RT: 14.075 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

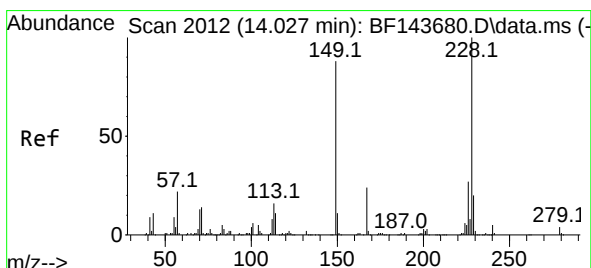
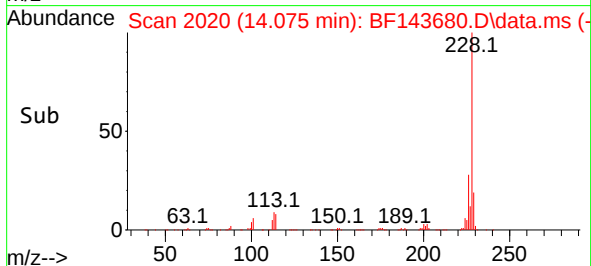
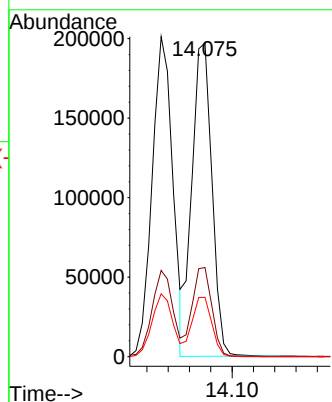
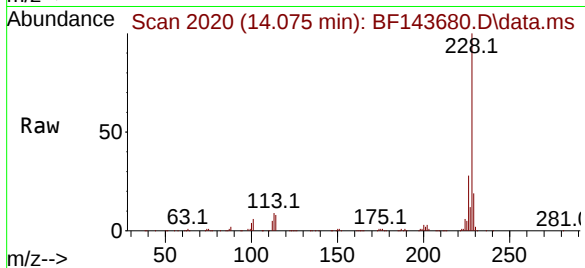
Tgt Ion:228 Resp: 257577

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

229 18.9 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.490 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

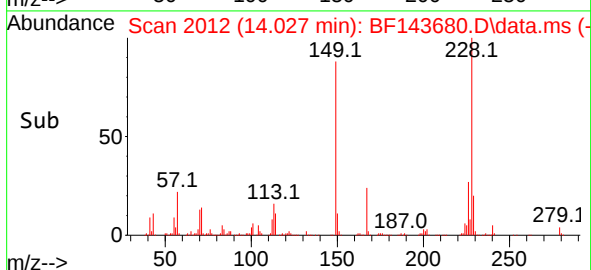
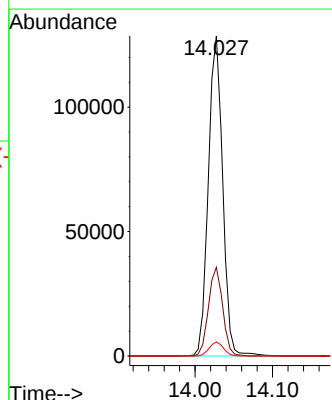
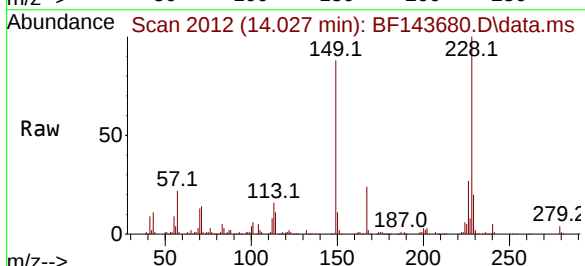
Tgt Ion:149 Resp: 165062

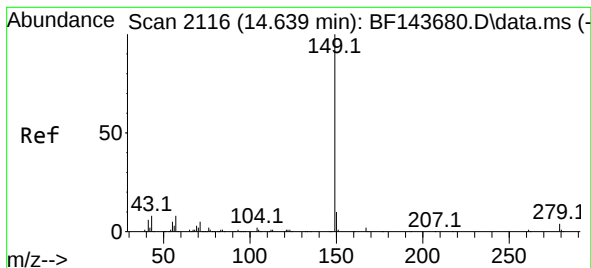
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

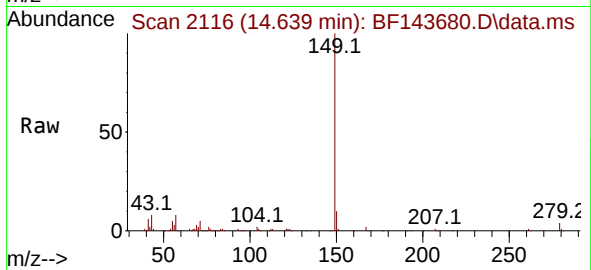
279 4.4 3.5 5.3



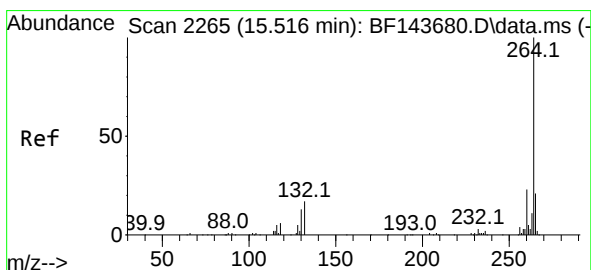
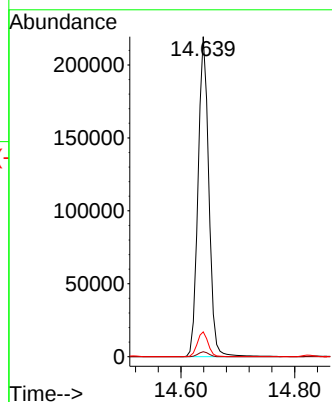
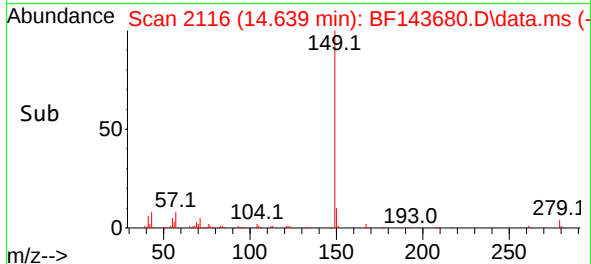


#85
Di-n-octyl phthalate
Concen: 41.700 ng
RT: 14.639 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

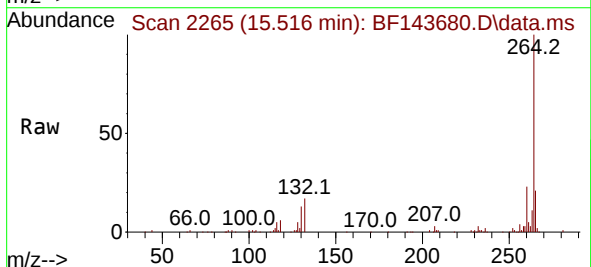
Instrument :
BNA_F
ClientSampleId :



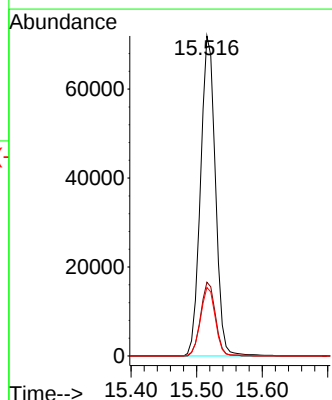
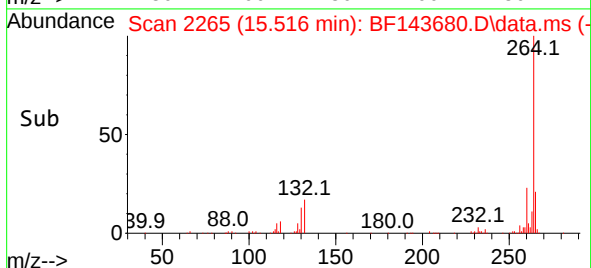
Tgt Ion:149 Resp: 290289
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.7 6.2 9.2

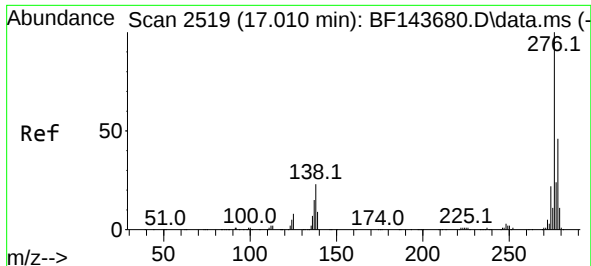


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



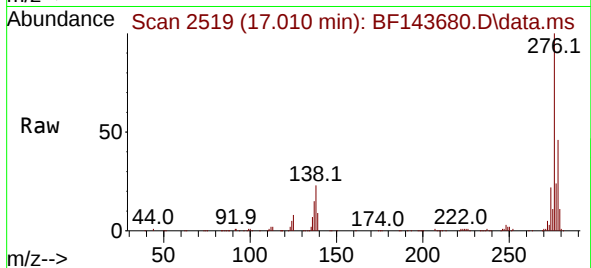
Tgt Ion:264 Resp: 113725
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.4 17.1 25.7



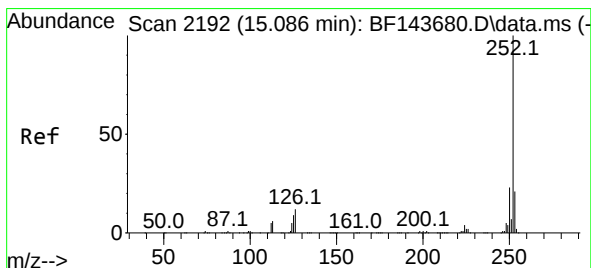
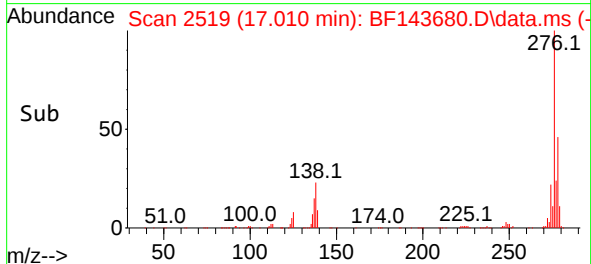
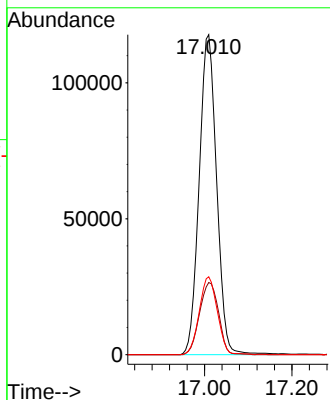


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.200 ng
 RT: 17.010 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :

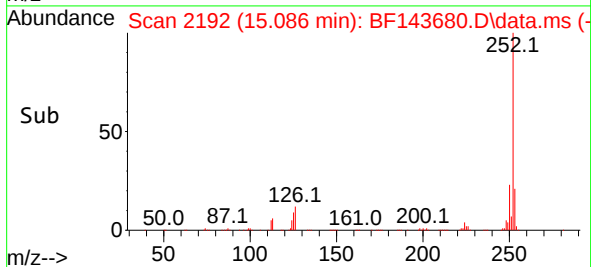
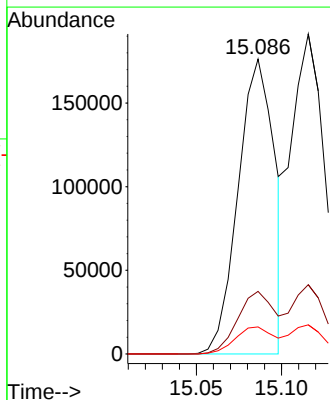
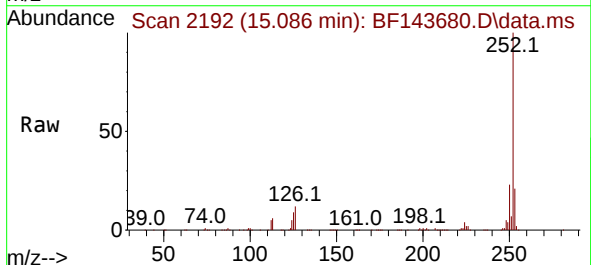


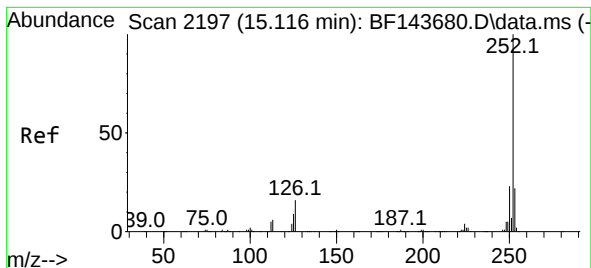
Tgt Ion:276 Resp: 327534
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.7 29.5
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 38.770 ng
 RT: 15.086 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Tgt Ion:252 Resp: 262466
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.0 25.4
 125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.517 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

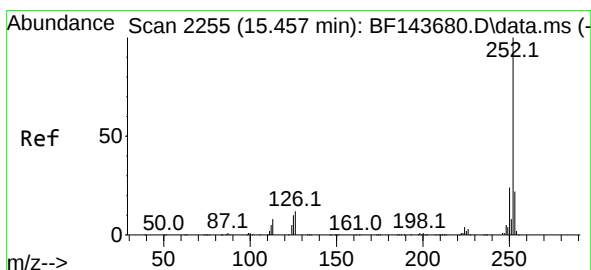
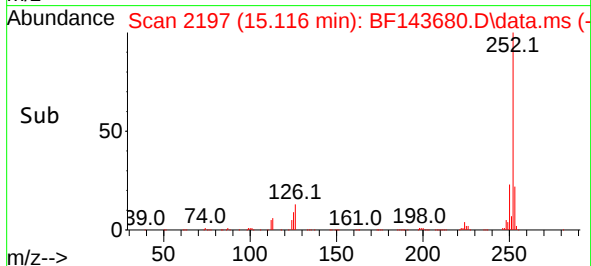
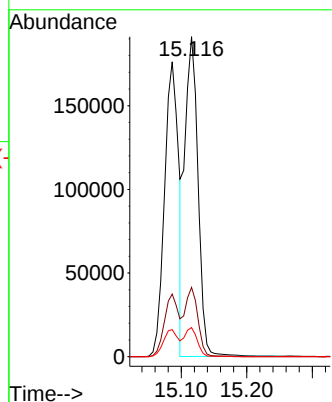
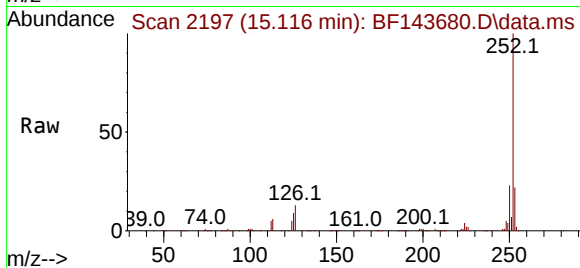
Tgt Ion:252 Resp: 265883

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 41.505 ng

RT: 15.457 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

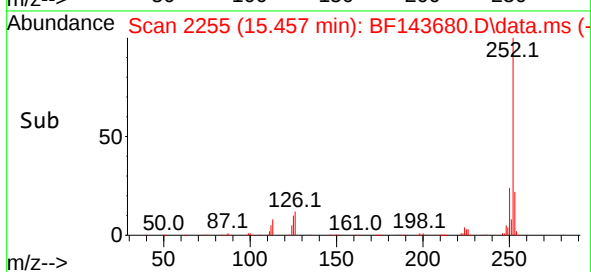
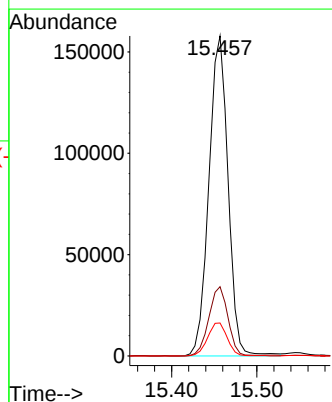
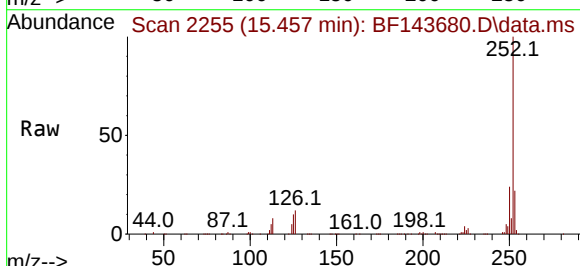
Tgt Ion:252 Resp: 246850

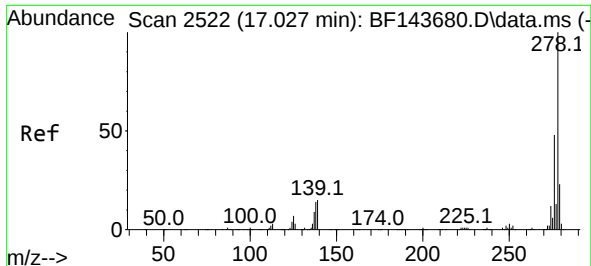
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.3 8.2 12.4

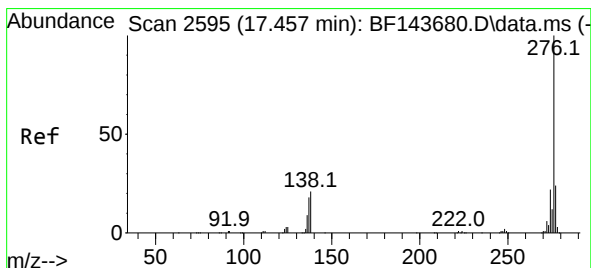
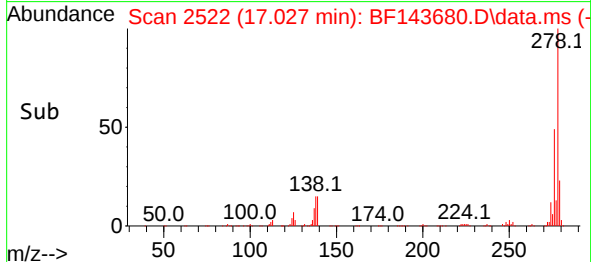
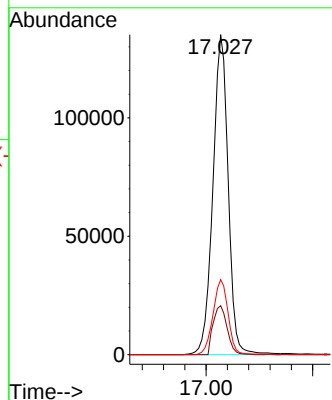
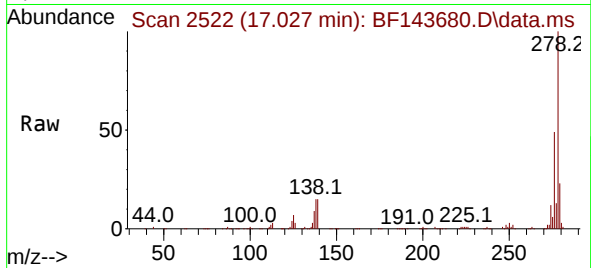




#91
Dibenzo(a,h)anthracene
Concen: 41.849 ng
RT: 17.027 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 269482
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 41.597 ng
RT: 17.457 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:276 Resp: 250547
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 21.2 17.0 25.4

