

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
 Data File : BF143673.D
 Acq On : 08 Sep 2025 19:48
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090925

Quant Time: Sep 09 05:24:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 05:18:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	61659	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	238420	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	136783	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221570	20.000	ng	0.00
76) Chrysene-d12	14.045	240	138906	20.000	ng	0.00
86) Perylene-d12	15.521	264	134541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	288541	80.893	ng	0.00
7) Phenol-d6	6.510	99	353307	81.166	ng	0.00
23) Nitrobenzene-d5	7.451	82	316489	82.648	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	115814	83.513	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	707534	80.660	ng	0.00
79) Terphenyl-d14	12.992	244	687746	81.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	64929	40.625	ng	97
3) Pyridine	3.446	79	170307	41.139	ng	100
4) n-Nitrosodimethylamine	3.399	42	63846	39.826	ng	93
6) Aniline	6.551	93	236166	40.357	ng	99
8) 2-Chlorophenol	6.675	128	157585	40.661	ng	98
9) Benzaldehyde	6.440	77	137843	46.032	ng	99
10) Phenol	6.522	94	207272	42.035	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	146873	40.669	ng	99
12) 1,3-Dichlorobenzene	6.834	146	179615	40.230	ng	100
13) 1,4-Dichlorobenzene	6.910	146	181138	40.484	ng	99
14) 1,2-Dichlorobenzene	7.063	146	169647	40.279	ng	98
15) Benzyl Alcohol	7.028	79	131109	40.517	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	196427	40.497	ng	99
17) 2-Methylphenol	7.134	107	130632	41.010	ng	99
18) Hexachloroethane	7.404	117	60630	41.626	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	108948	40.070	ng	99
20) 3+4-Methylphenols	7.287	107	167934	41.031	ng	97
22) Acetophenone	7.298	105	213100	39.783	ng	99
24) Nitrobenzene	7.475	77	161534	40.986	ng	98
25) Isophorone	7.710	82	295861	39.863	ng	100
26) 2-Nitrophenol	7.787	139	81748	43.103	ng	99
27) 2,4-Dimethylphenol	7.816	122	140692	40.443	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	182938	40.347	ng	99
29) 2,4-Dichlorophenol	8.022	162	143287	40.868	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	145921	40.193	ng	99
31) Naphthalene	8.192	128	472765	40.321	ng	100
32) Benzoic acid	7.916	122	92899	43.939	ng	94
33) 4-Chloroaniline	8.239	127	164624	40.045	ng	98
34) Hexachlorobutadiene	8.310	225	94845	39.782	ng	100
35) Caprolactam	8.610	113	38728	40.228	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	143062	40.674	ng	99
37) 2-Methylnaphthalene	8.887	142	322122	39.903	ng	98
38) 1-Methylnaphthalene	8.981	142	306390	39.635	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	156158	40.288	ng	99
41) Hexachlorocyclopentadiene	9.039	237	83855	41.463	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	107961	41.974	ng	97

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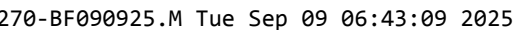
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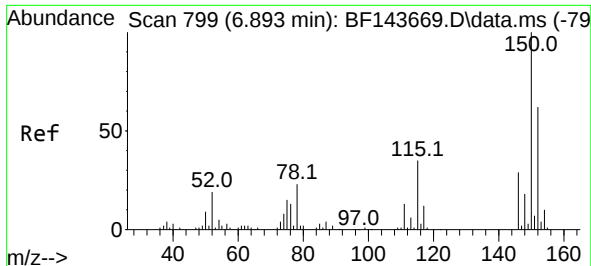
Quant Time: Sep 09 05:24:34 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108367	41.070	ng	99
46) 1,1'-Biphenyl	9.345	154	394776	40.099	ng	99
47) 2-Chloronaphthalene	9.375	162	305307	39.907	ng	100
48) 2-Nitroaniline	9.463	65	88104	42.277	ng	100
49) Acenaphthylene	9.786	152	442581	40.457	ng	99
50) Dimethylphthalate	9.645	163	354932	39.637	ng	99
51) 2,6-Dinitrotoluene	9.704	165	75164	43.943	ng	99
52) Acenaphthene	9.963	154	305976	40.492	ng	100
53) 3-Nitroaniline	9.875	138	77672	42.525	ng	100
54) 2,4-Dinitrophenol	9.975	184	35193	40.425	ng	96
55) Dibenzofuran	10.134	168	435046	40.179	ng	100
56) 4-Nitrophenol	10.022	139	62688	42.054	ng	99
57) 2,4-Dinitrotoluene	10.104	165	101248	44.667	ng	98
58) Fluorene	10.475	166	341219	40.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89806	41.519	ng	99
60) Diethylphthalate	10.345	149	341881	40.538	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	172027	40.148	ng	99
62) 4-Nitroaniline	10.486	138	74588	42.427	ng	99
63) Azobenzene	10.628	77	301083	40.592	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	48959	43.281	ng	99
66) n-Nitrosodiphenylamine	10.586	169	291298	40.363	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	106566	40.210	ng	98
68) Hexachlorobenzene	11.022	284	112765	40.733	ng	99
69) Atrazine	11.110	200	94804	40.583	ng	99
70) Pentachlorophenol	11.210	266	71080	41.324	ng	99
71) Phenanthrene	11.439	178	486825	40.156	ng	100
72) Anthracene	11.486	178	493347	40.320	ng	100
73) Carbazole	11.639	167	409970	40.047	ng	99
74) Di-n-butylphthalate	11.969	149	510663	41.454	ng	99
75) Fluoranthene	12.622	202	454608	40.489	ng	100
77) Benzidine	12.739	184	132442	44.048	ng	99
78) Pyrene	12.851	202	459591	41.207	ng	100
80) Butylbenzylphthalate	13.469	149	153622	43.636	ng	99
81) Benzo(a)anthracene	14.033	228	367741	41.411	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	108436	43.250	ng	99
83) Chrysene	14.074	228	323258	39.928	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	204522	43.153	ng	100
85) Di-n-octyl phthalate	14.639	149	342540	41.480	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	374433	41.264	ng	99
88) Benzo(b)fluoranthene	15.086	252	337280	41.119	ng	100
89) Benzo(k)fluoranthene	15.116	252	289230	40.187	ng	99
90) Benzo(a)pyrene	15.457	252	289729	41.175	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	308390	41.017	ng	98
92) Benzo(g,h,i)perylene	17.462	276	289986	40.776	ng	99

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

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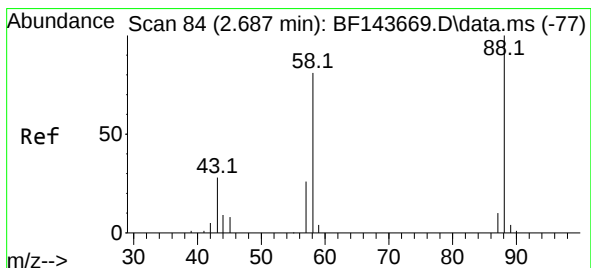
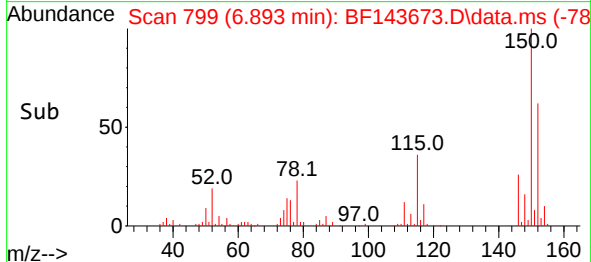
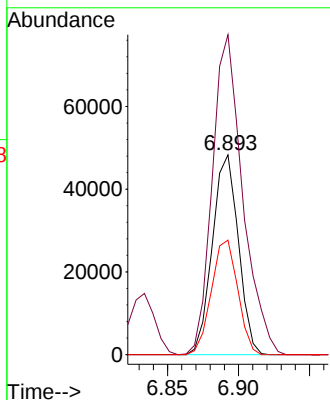
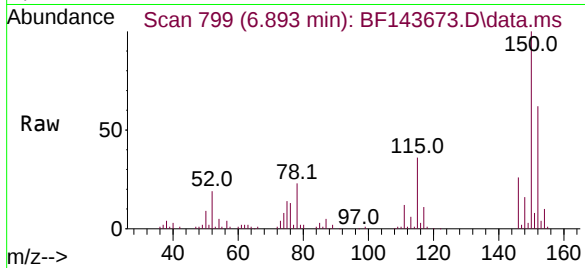




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

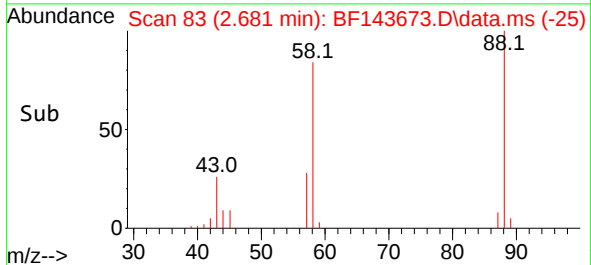
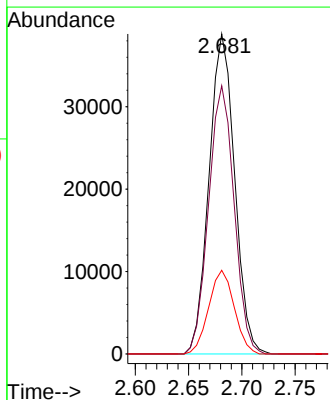
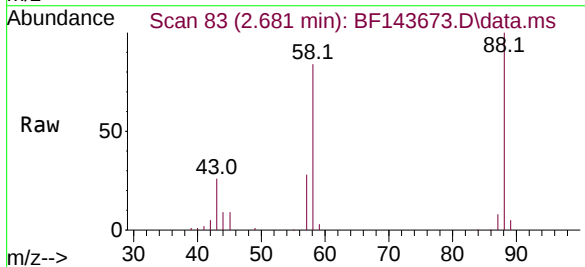
Instrument :
BNA_F
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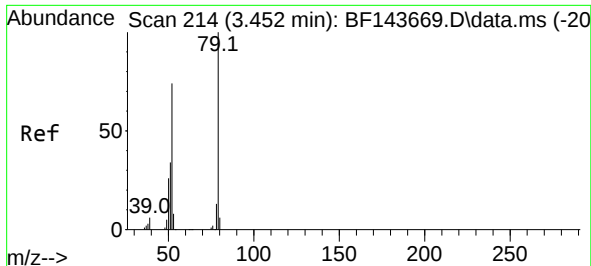
Tgt Ion:152 Resp: 61659
Ion Ratio Lower Upper
152 100
150 160.1 128.2 192.2
115 57.3 45.0 67.4



#2
1,4-Dioxane
Concen: 40.625 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 88 Resp: 64929
Ion Ratio Lower Upper
88 100
58 83.5 65.0 97.4
43 26.0 22.3 33.5

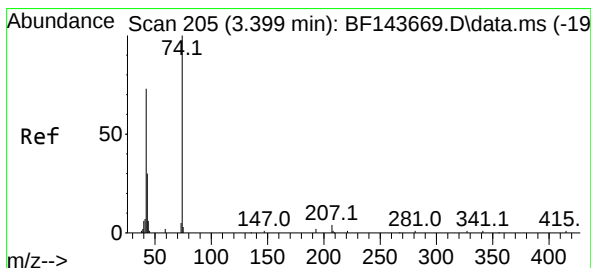
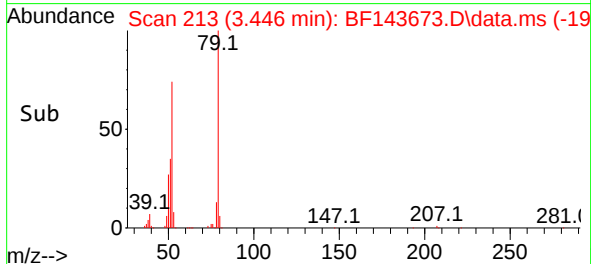
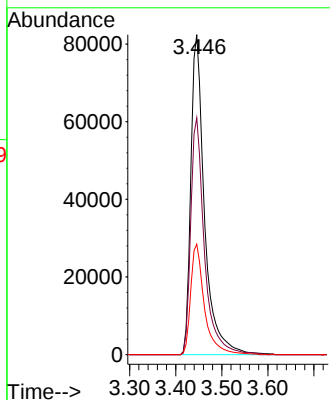
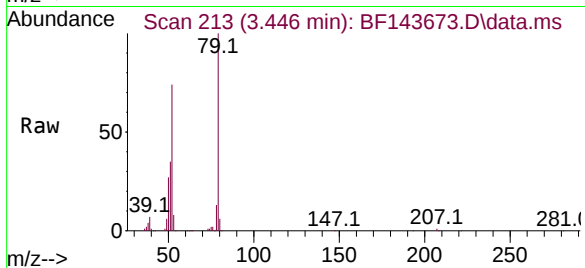




#3
Pyridine
Concen: 41.139 ng
RT: 3.446 min Scan# 214
Delta R.T. -0.006 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

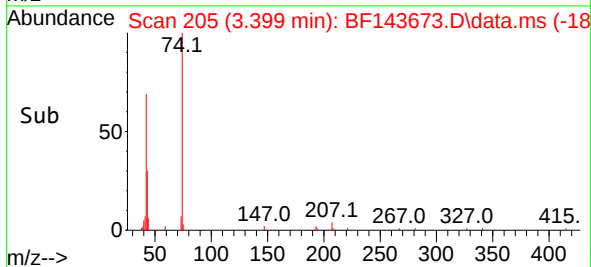
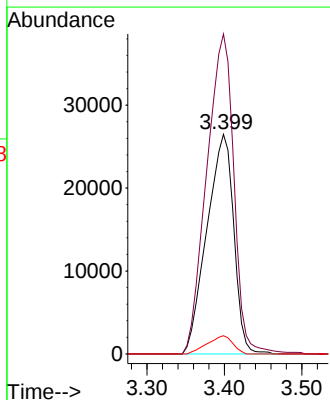
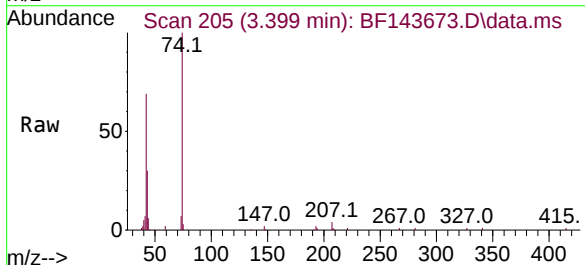
Instrument :
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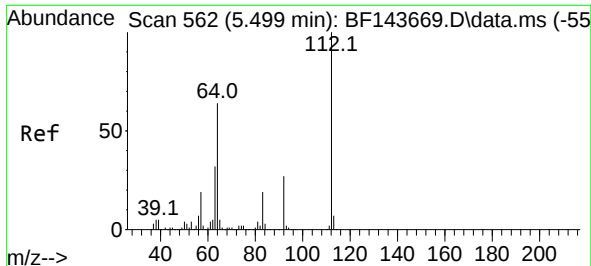
Tgt Ion: 79 Resp: 170307
Ion Ratio Lower Upper
79 100
52 74.0 59.0 88.4
51 34.5 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 39.826 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 42 Resp: 63846
Ion Ratio Lower Upper
42 100
74 145.7 109.3 163.9
44 8.3 6.5 9.7

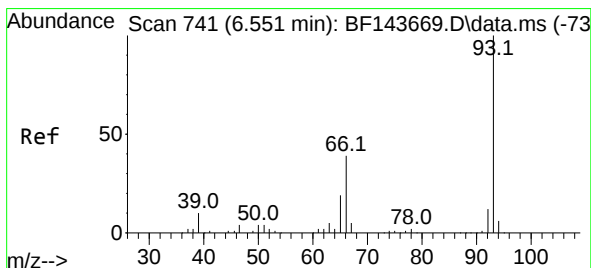
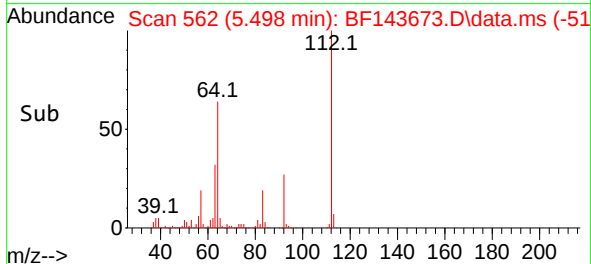
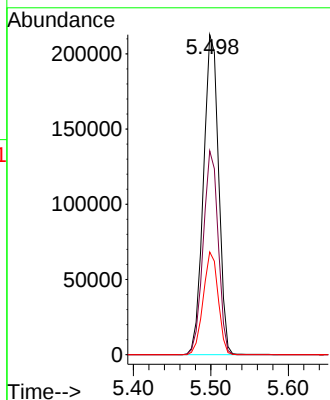
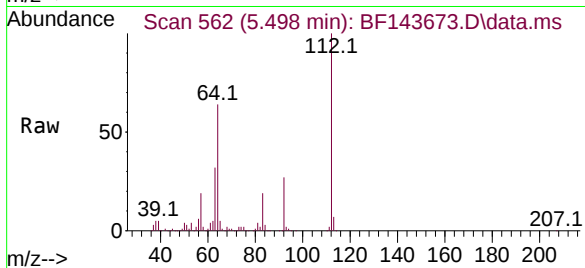




#5
2-Fluorophenol
Concen: 80.893 ng
RT: 5.498 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

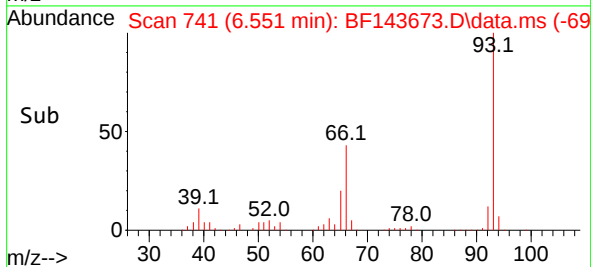
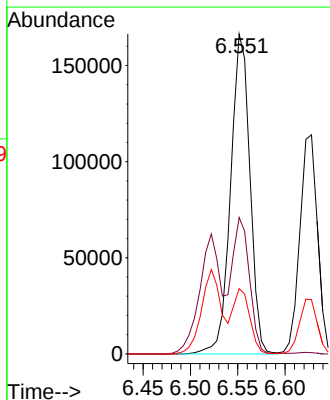
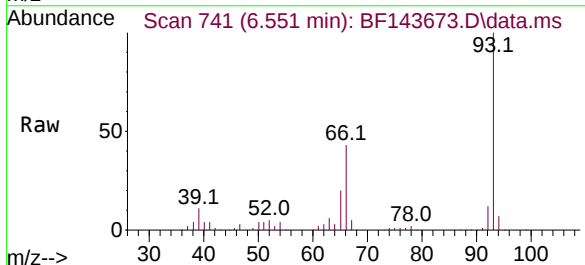
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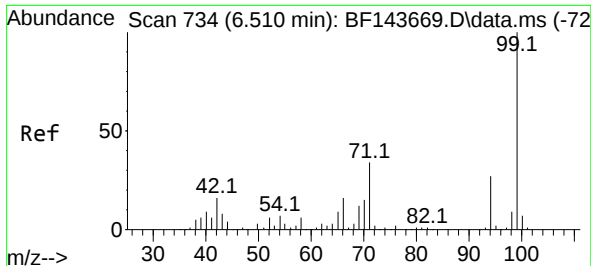
Tgt Ion:112 Resp: 288541
Ion Ratio Lower Upper
112 100
64 63.7 51.1 76.7
63 32.1 25.4 38.0



#6
Aniline
Concen: 40.357 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 93 Resp: 236166
Ion Ratio Lower Upper
93 100
66 42.6 33.4 50.2
65 20.4 16.1 24.1

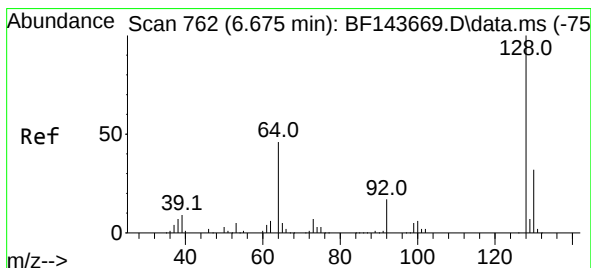
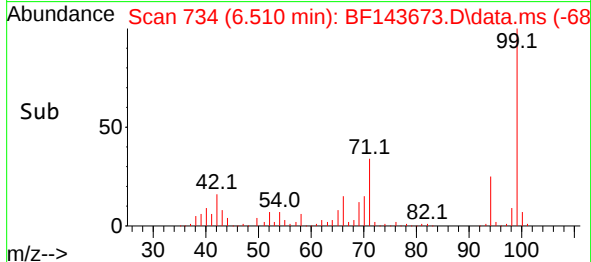
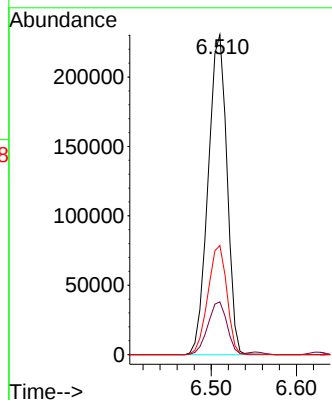
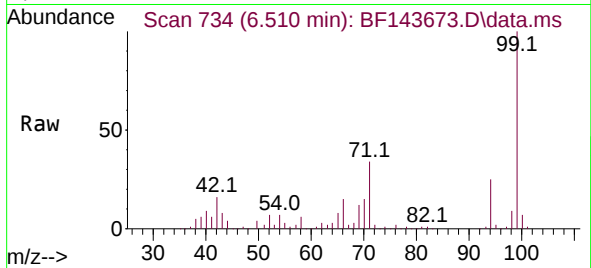




#7
Phenol-d6
Concen: 81.166 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

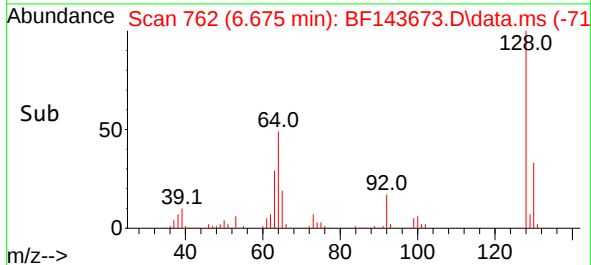
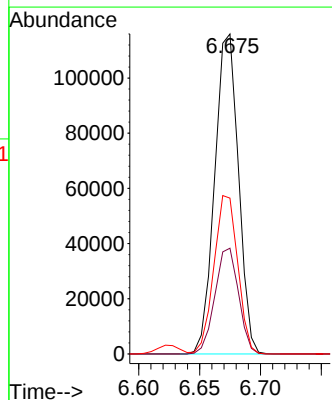
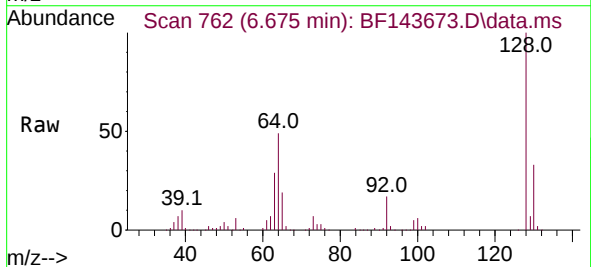
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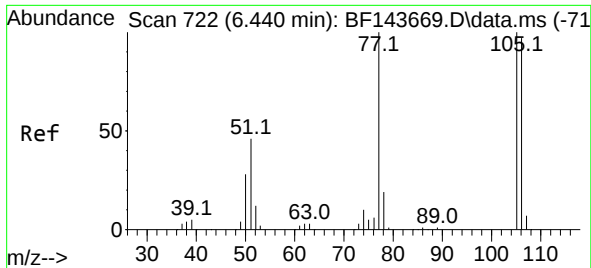
Tgt Ion: 99 Resp: 353307
Ion Ratio Lower Upper
99 100
42 16.5 13.1 19.7
71 34.1 27.3 40.9



#8
2-Chlorophenol
Concen: 40.661 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 128 Resp: 157585
Ion Ratio Lower Upper
128 100
130 33.0 11.9 51.9
64 48.7 27.8 67.8





#9

Benzaldehyde

Concen: 46.032 ng

RT: 6.440 min Scan# 722

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

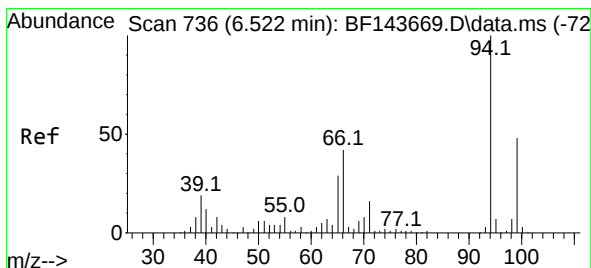
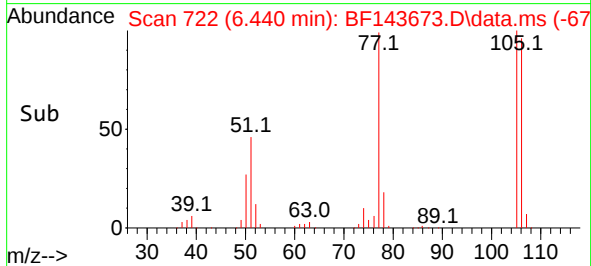
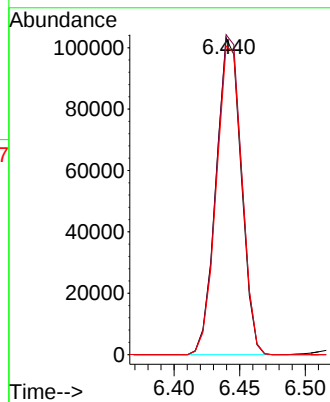
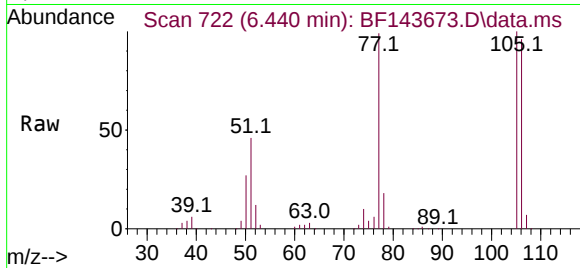
Tgt Ion: 77 Resp: 137843

Ion Ratio Lower Upper

77 100

105 101.0 80.1 120.1

106 97.4 76.7 116.7



#10

Phenol

Concen: 42.035 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

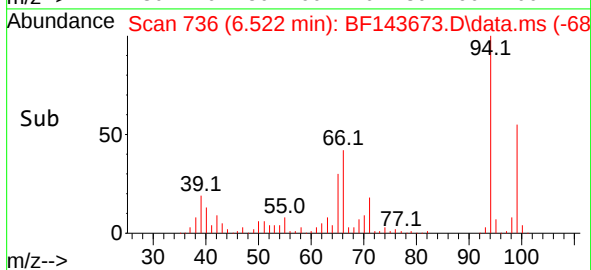
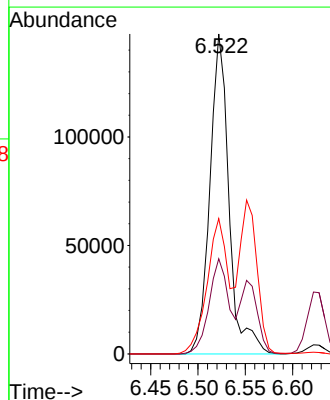
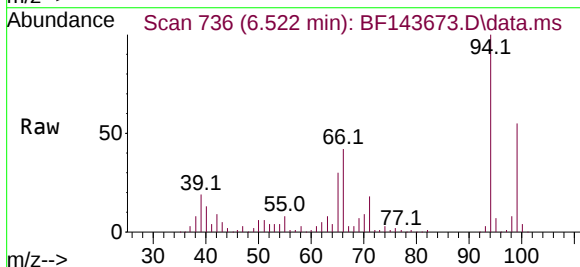
Tgt Ion: 94 Resp: 207272

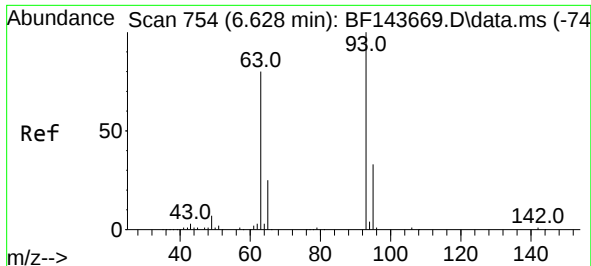
Ion Ratio Lower Upper

94 100

65 29.8 8.8 48.8

66 42.3 21.7 61.7

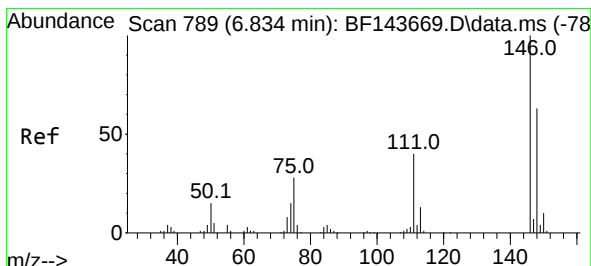
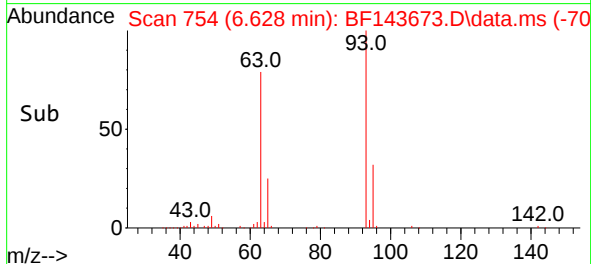
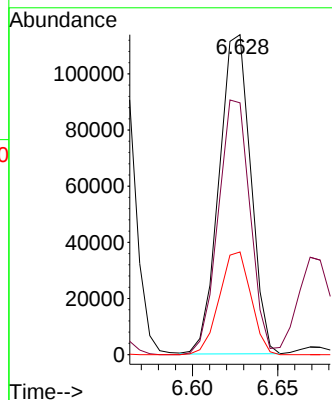
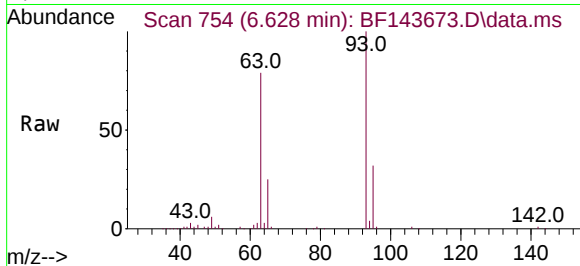




#11
bis(2-Chloroethyl)ether
Concen: 40.669 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

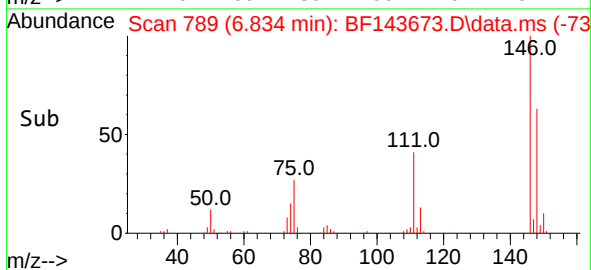
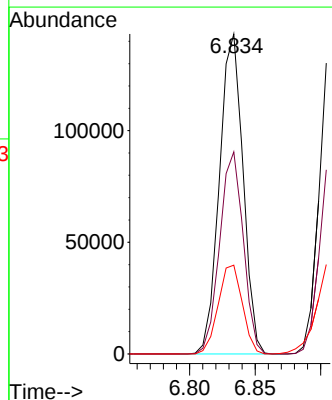
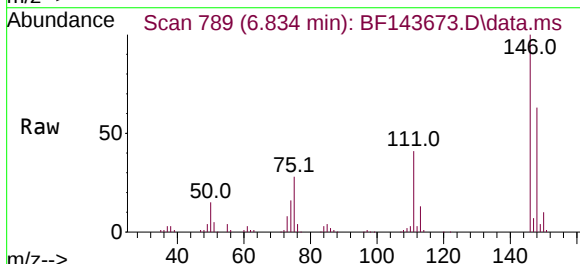
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

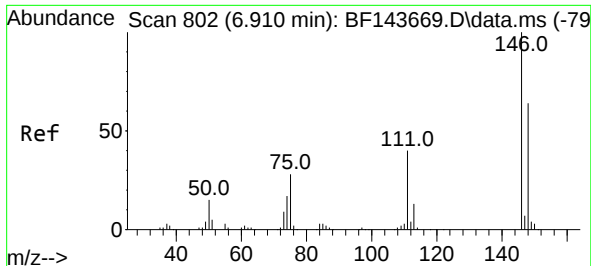
Tgt Ion: 93 Resp: 146873
Ion Ratio Lower Upper
93 100
63 78.7 59.6 99.6
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.230 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:146 Resp: 179615
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
75 27.7 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 40.484 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

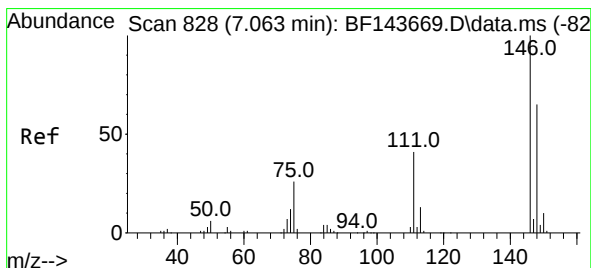
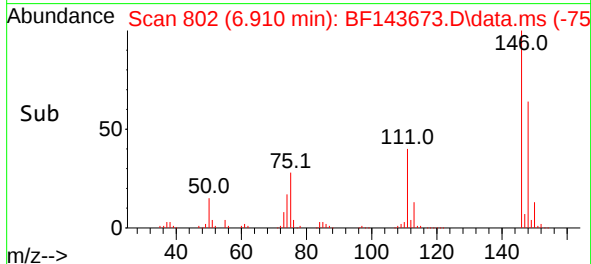
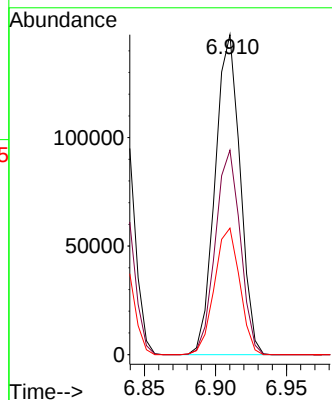
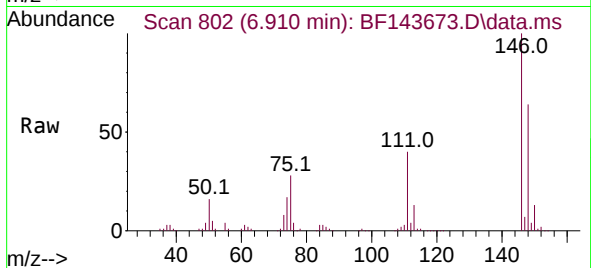
Tgt Ion:146 Resp: 181138

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

111 39.5 32.2 48.4



#14

1,2-Dichlorobenzene

Concen: 40.279 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

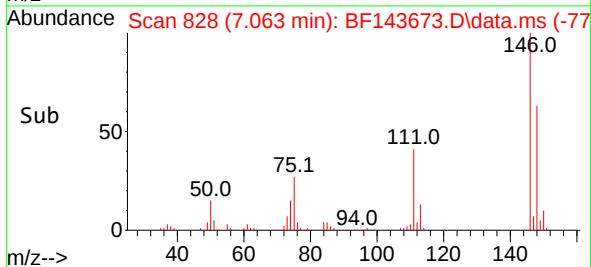
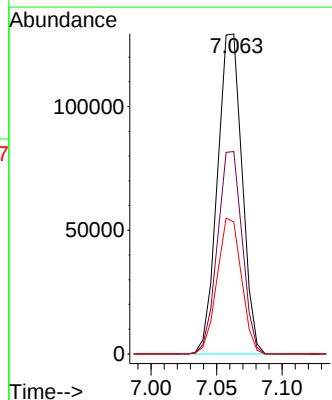
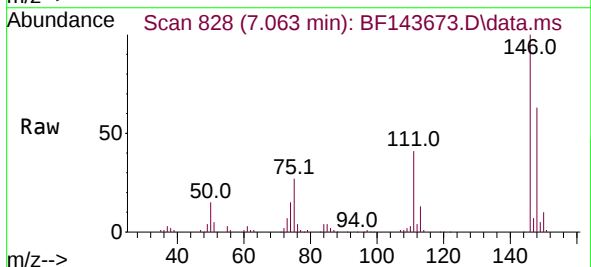
Tgt Ion:146 Resp: 169647

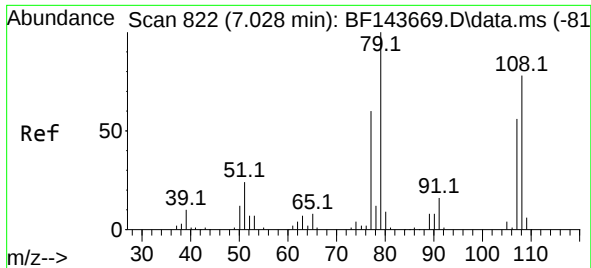
Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

111 41.2 32.4 48.6





#15

Benzyl Alcohol

Concen: 40.517 ng

RT: 7.028 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

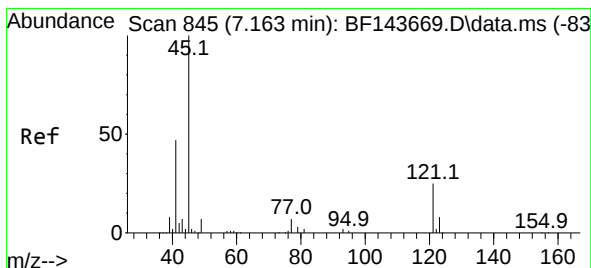
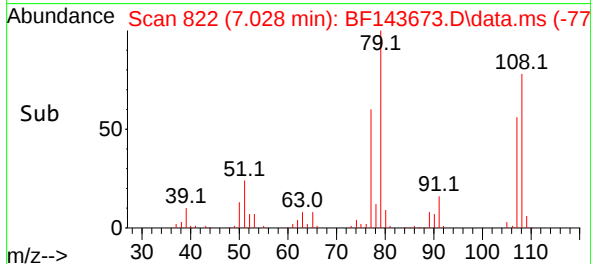
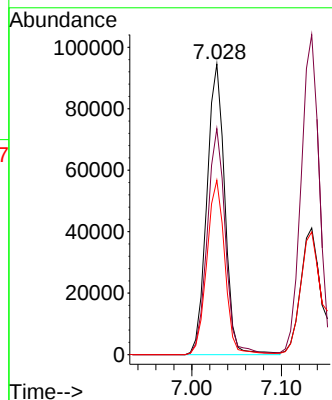
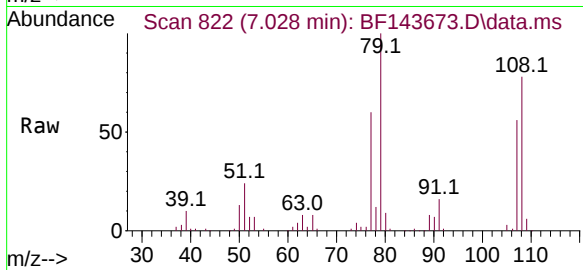
Tgt Ion: 79 Resp: 131109

Ion Ratio Lower Upper

79 100

108 77.8 62.2 93.2

77 60.0 48.0 72.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.497 ng

RT: 7.163 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

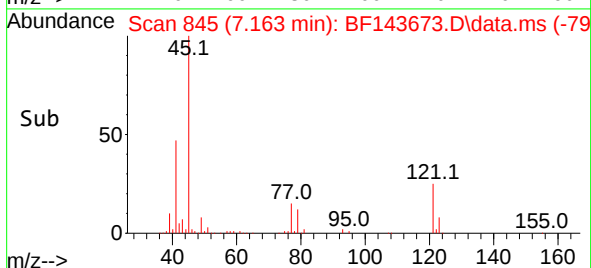
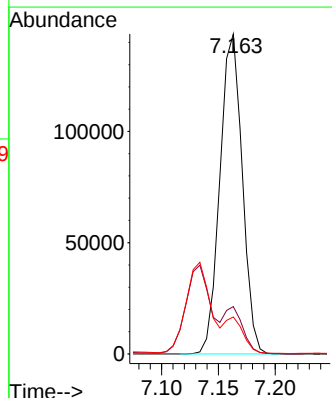
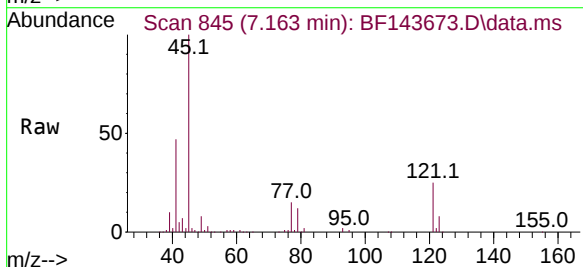
Tgt Ion: 45 Resp: 196427

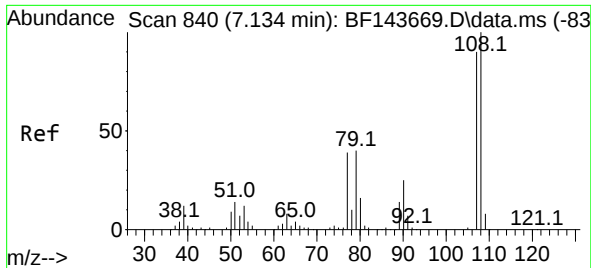
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.1

79 11.5 0.0 31.1



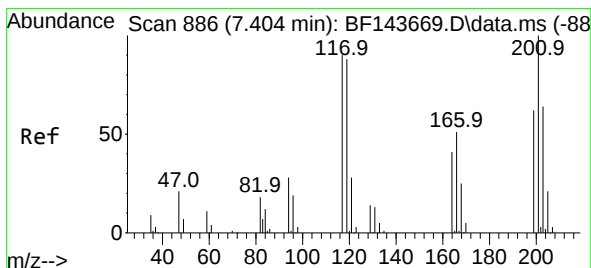
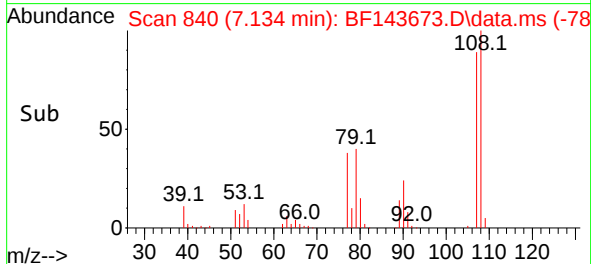
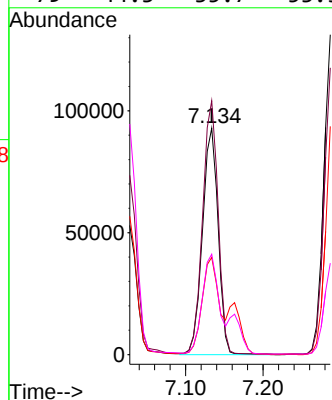
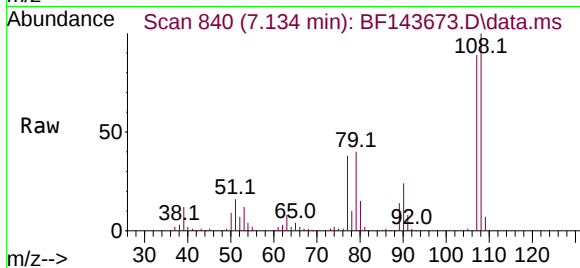


#17
2-Methylphenol
Concen: 41.010 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Instrument :
BNA_F
ClientSampleId :
ICVBF090925

Tgt Ion:107 Resp: 130632

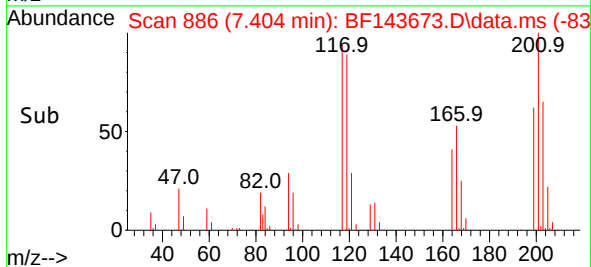
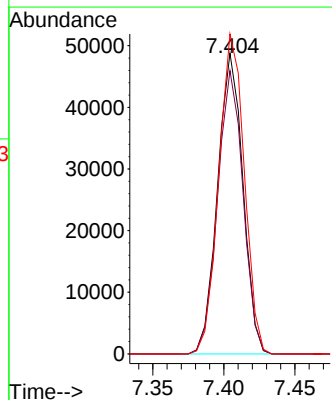
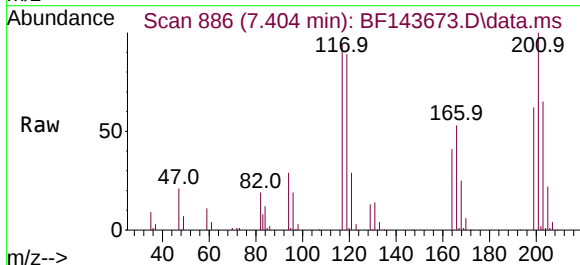
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.1	133.7
77	42.9	34.8	52.2
79	44.3	35.7	53.5

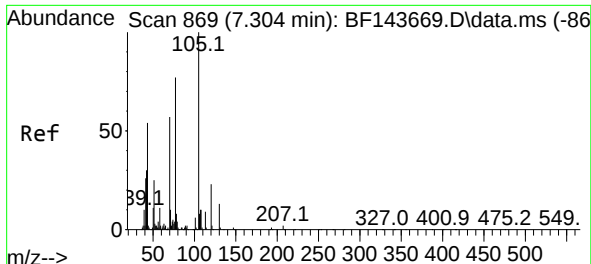


#18
Hexachloroethane
Concen: 41.626 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:117 Resp: 60630

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.7	116.5
201	106.4	88.8	133.2



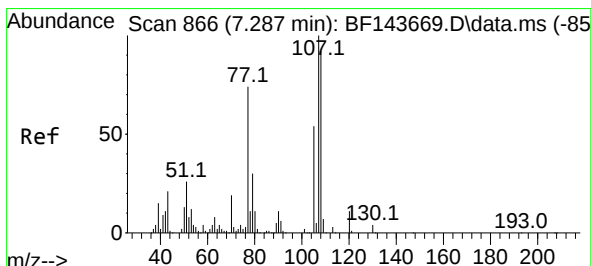
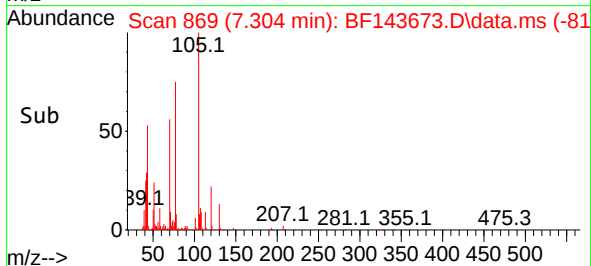
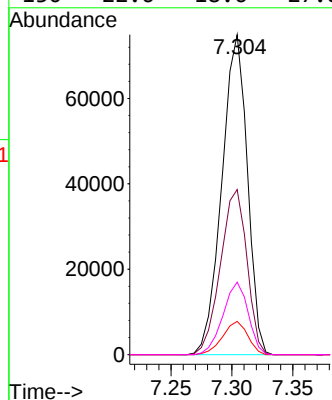
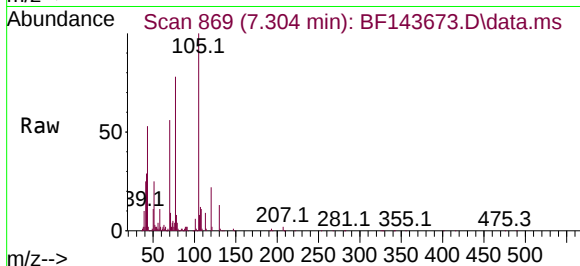


#19
n-Nitroso-di-n-propylamine
Concen: 40.070 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Instrument :
BNA_F
ClientSampleId :
ICVBF090925

Tgt Ion: 70 Resp: 108948

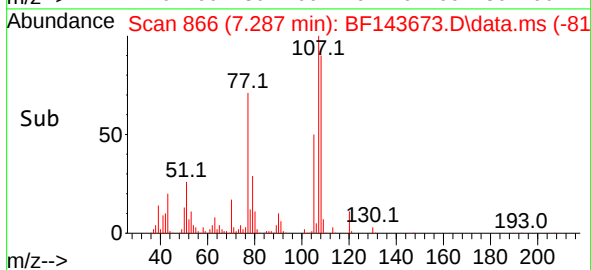
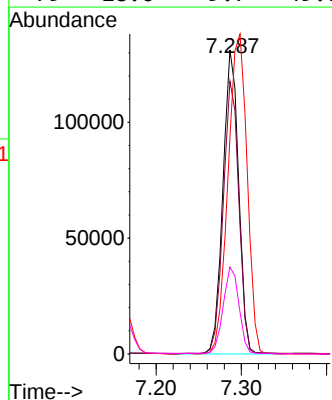
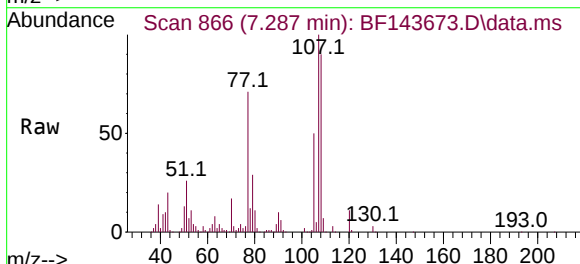
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.1	63.1
101	10.4	8.2	12.4
130	22.6	18.6	27.8

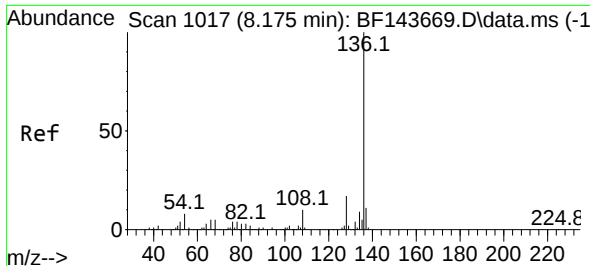


#20
3+4-Methylphenols
Concen: 41.031 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 107 Resp: 167934

Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.2	112.2
77	71.3	53.7	93.7
79	28.6	9.7	49.7

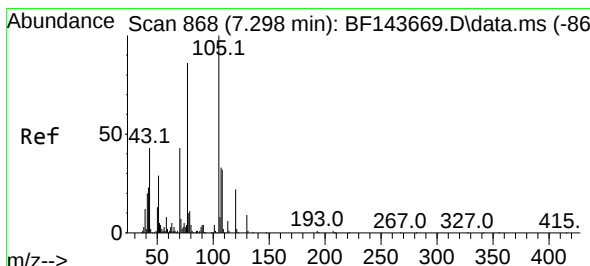
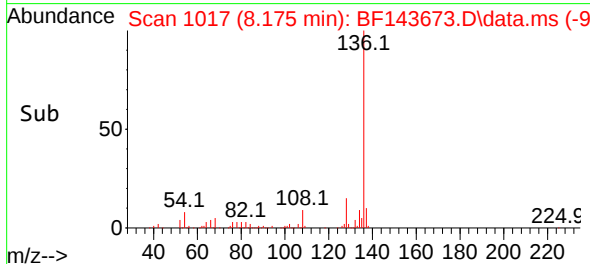
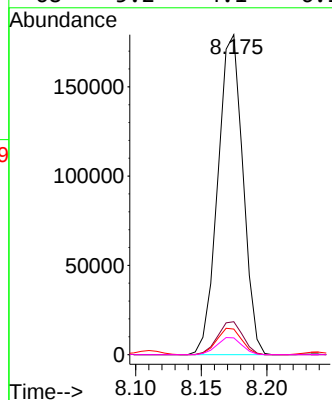
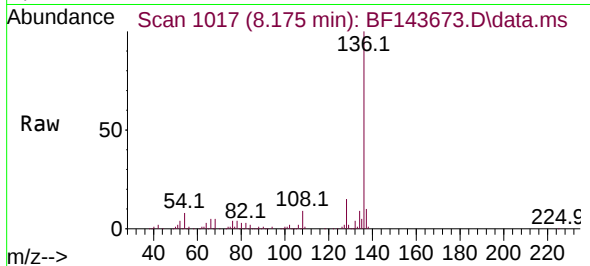




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

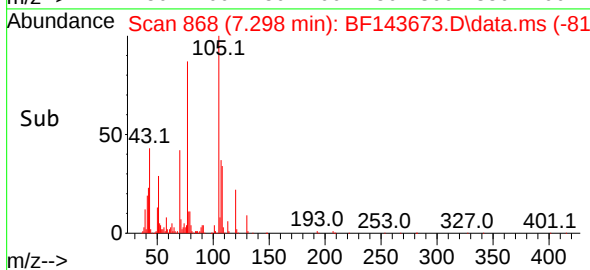
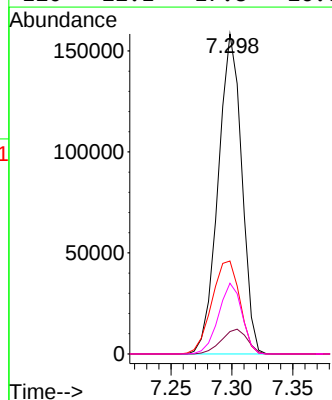
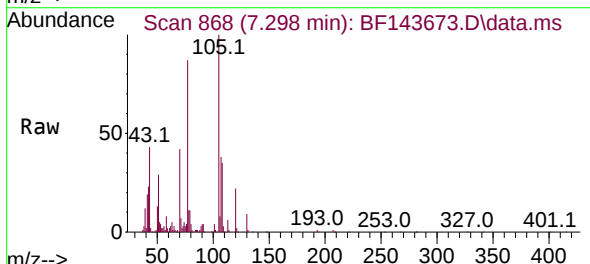
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

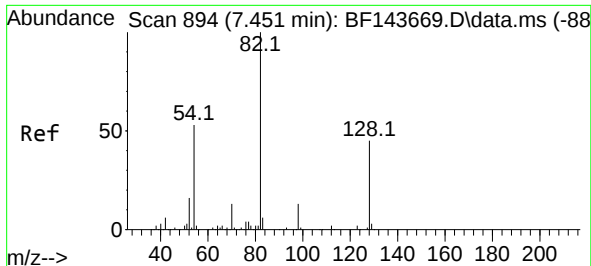
Tgt Ion:	136	Resp:	238420
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	8.0	6.4	9.6
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 39.783 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:	105	Resp:	213100
Ion Ratio	Lower	Upper	
105	100		
71	7.0	5.8	8.8
51	29.0	22.9	34.3
120	22.1	17.8	26.6





#23

Nitrobenzene-d5

Concen: 82.648 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

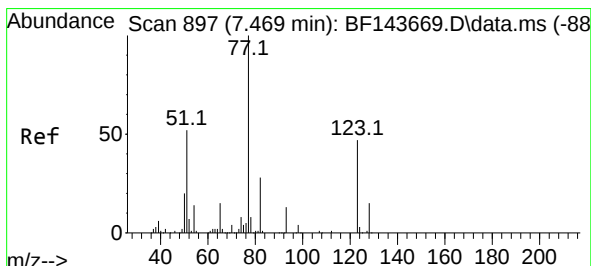
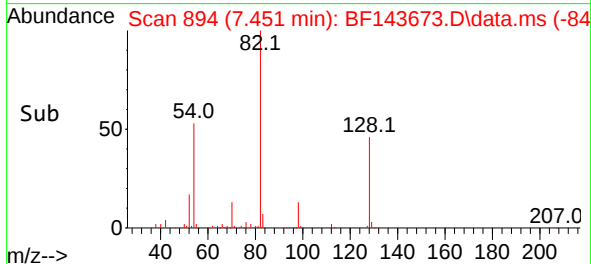
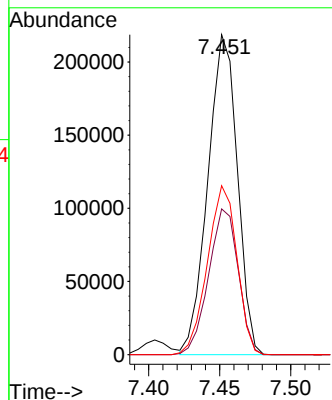
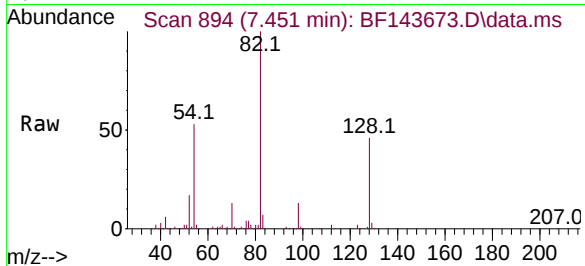
Tgt Ion: 82 Resp: 316489

Ion Ratio Lower Upper

82 100

128 45.5 36.0 54.0

54 52.8 41.9 62.9



#24

Nitrobenzene

Concen: 40.986 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

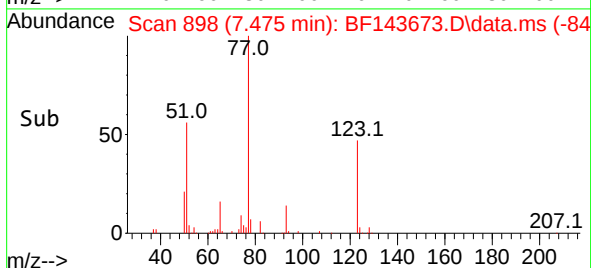
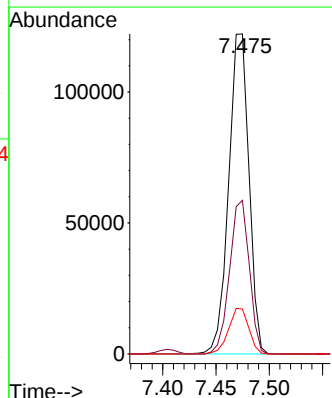
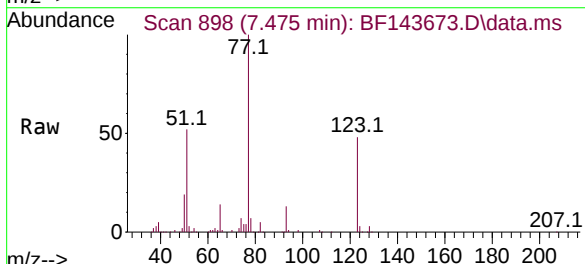
Tgt Ion: 77 Resp: 161534

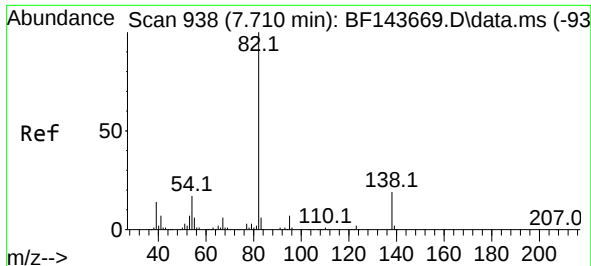
Ion Ratio Lower Upper

77 100

123 48.0 37.5 56.3

65 14.0 11.7 17.5

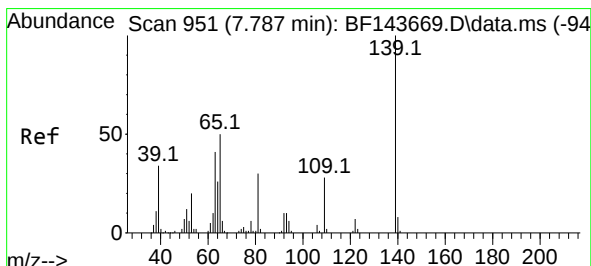
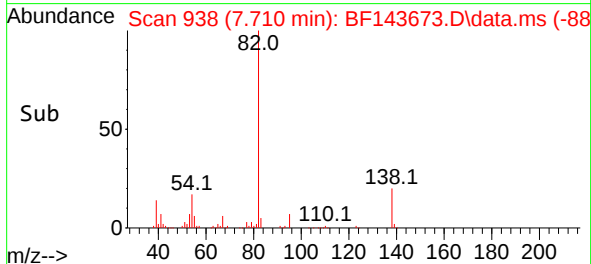
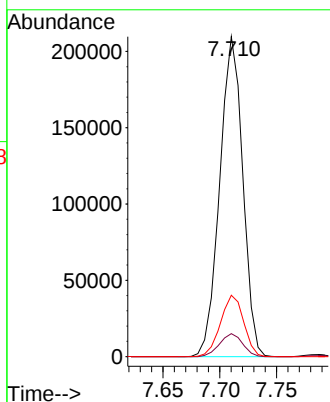
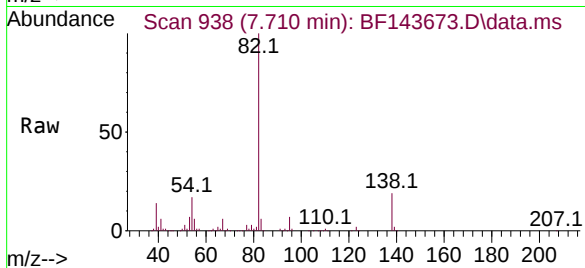




#25
Isophorone
Concen: 39.863 ng
RT: 7.710 min Scan# 938
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

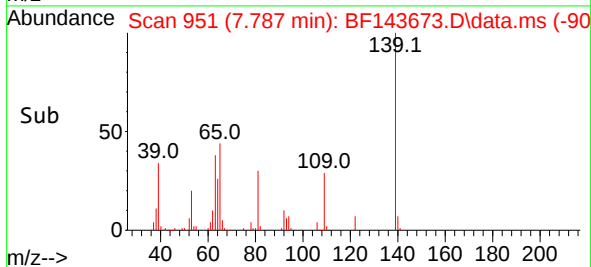
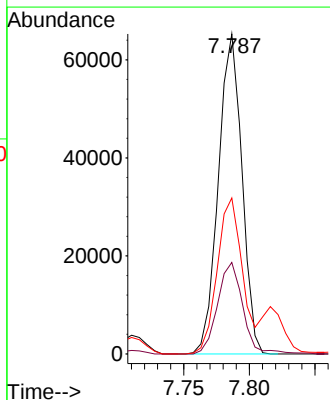
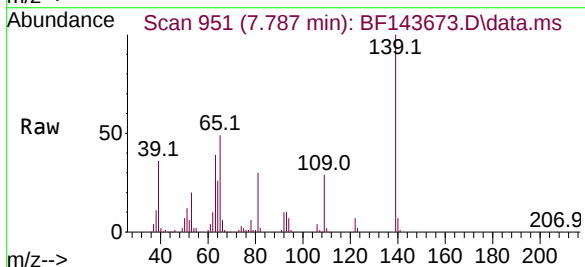
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

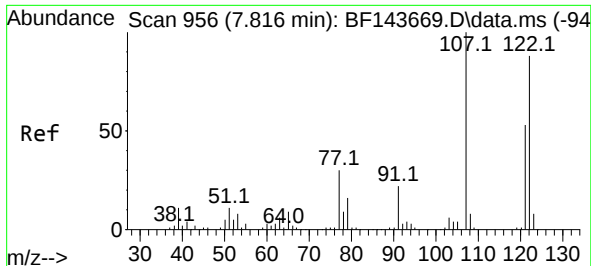
Tgt Ion: 82 Resp: 295861
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.2 15.4 23.2



#26
2-Nitrophenol
Concen: 43.103 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 139 Resp: 81748
Ion Ratio Lower Upper
139 100
109 28.6 22.5 33.7
65 48.7 39.7 59.5

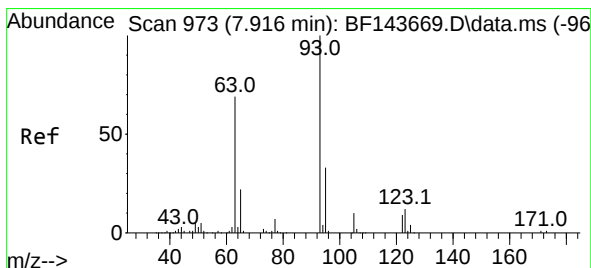
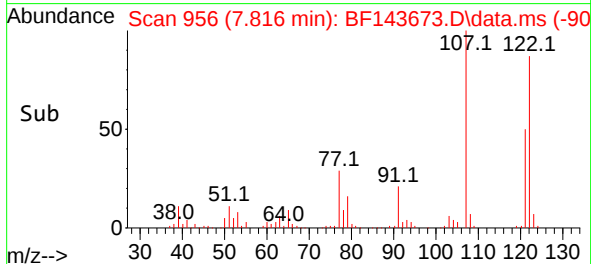
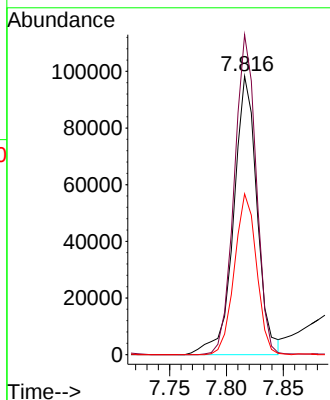
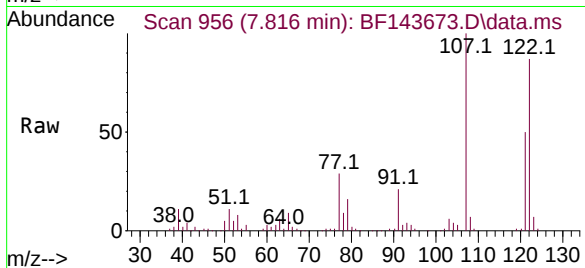




#27
2,4-Dimethylphenol
Concen: 40.443 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

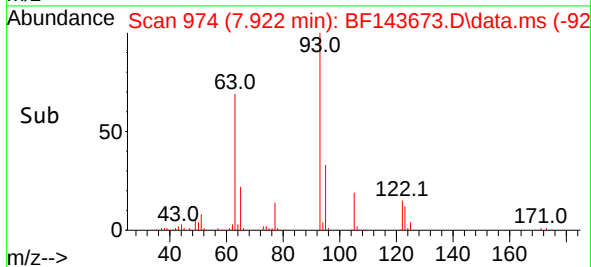
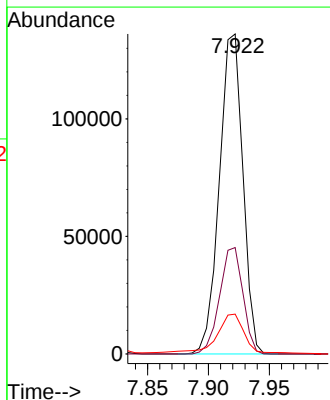
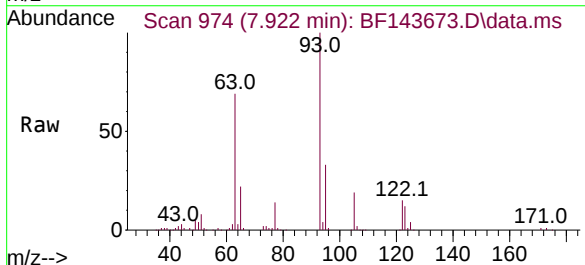
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

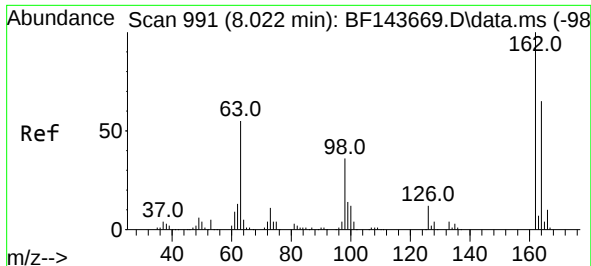
Tgt Ion:122 Resp: 140692
Ion Ratio Lower Upper
122 100
107 114.9 90.8 136.2
121 57.7 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.347 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion: 93 Resp: 182938
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 40.868 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143673.D

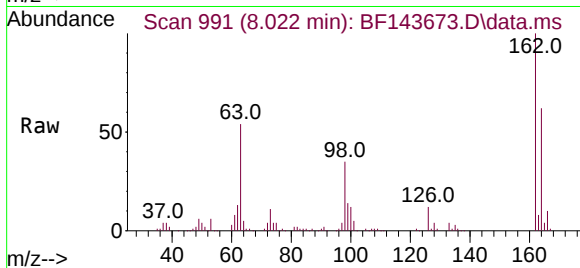
Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925



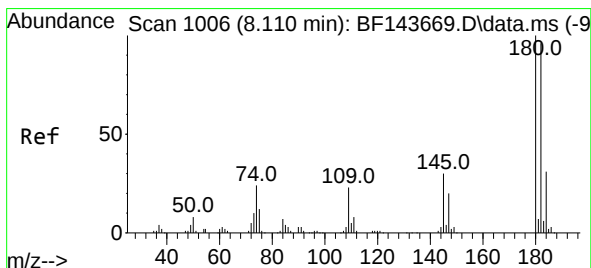
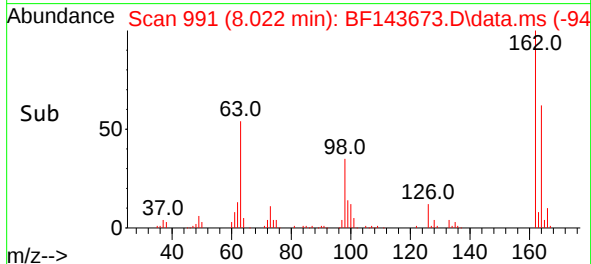
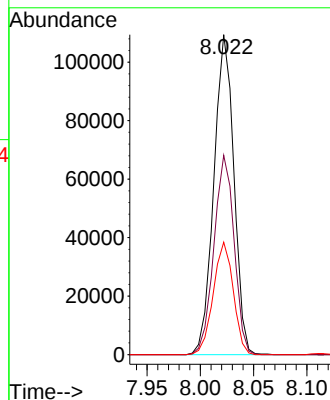
Tgt Ion:162 Resp: 143287

Ion Ratio Lower Upper

162 100

164 62.3 45.0 85.0

98 35.2 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 40.193 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

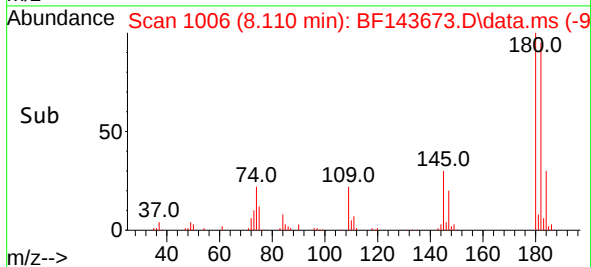
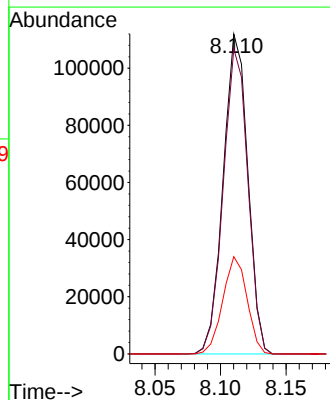
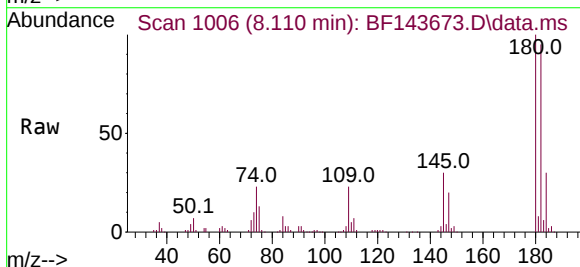
Tgt Ion:180 Resp: 145921

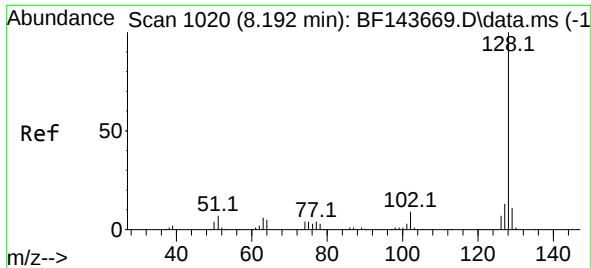
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

145 30.4 23.8 35.6

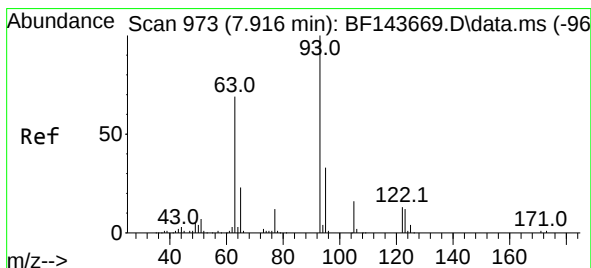
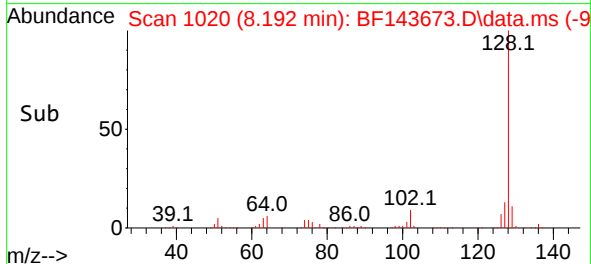
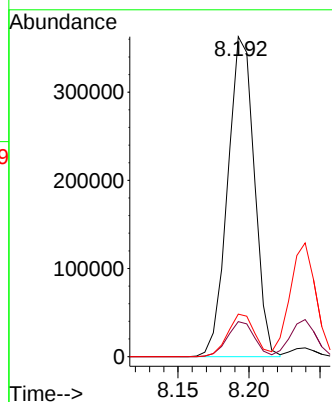
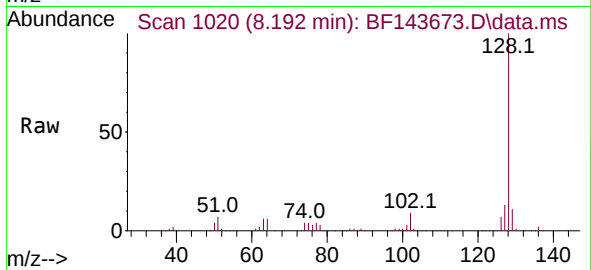




#31
Naphthalene
Concen: 40.321 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

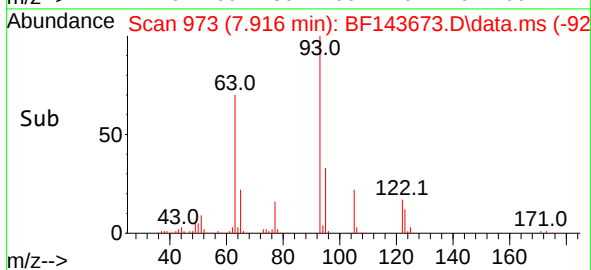
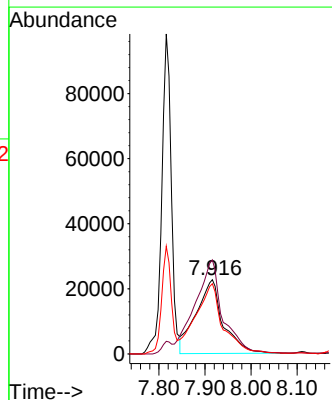
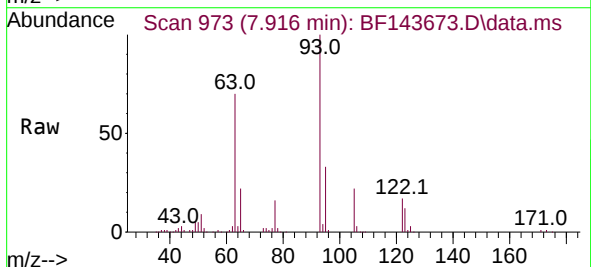
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

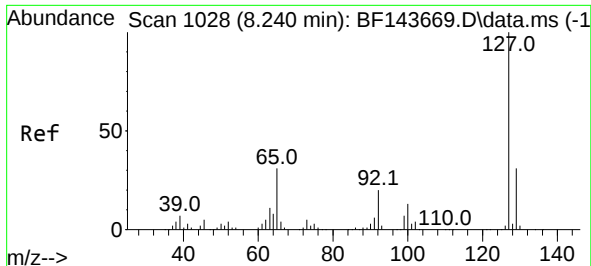
Tgt Ion:128 Resp: 472765
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 43.939 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:122 Resp: 92899
Ion Ratio Lower Upper
122 100
105 126.7 100.3 140.3
77 94.5 67.6 107.6

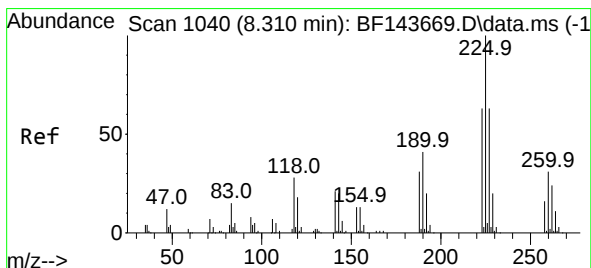
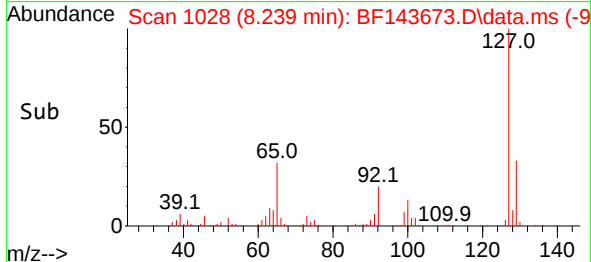
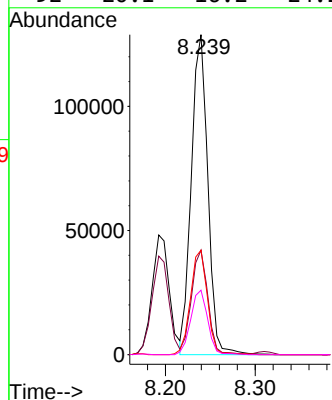
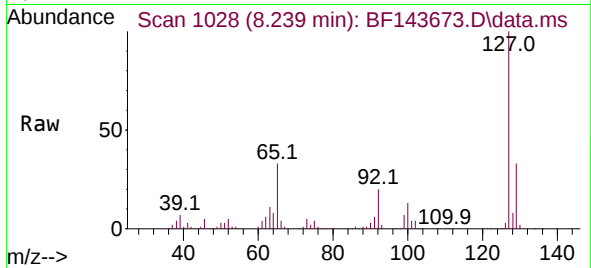




#33
4-Chloroaniline
Concen: 40.045 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

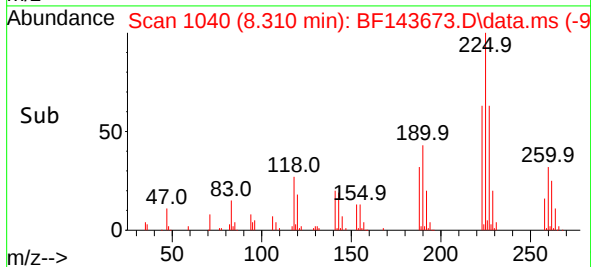
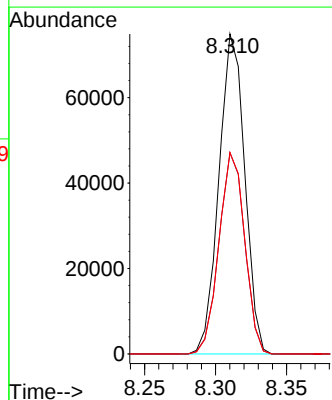
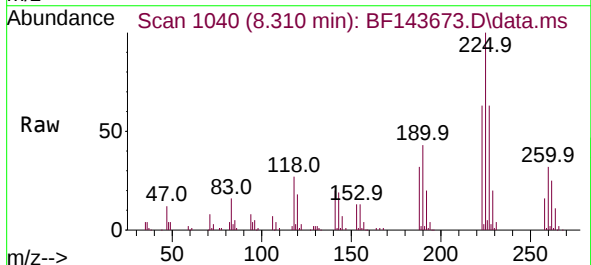
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

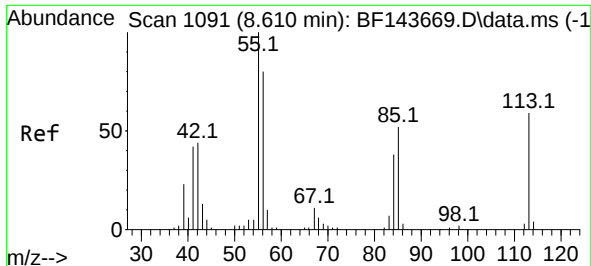
Tgt Ion:127	Resp: 164624
Ion Ratio	Lower Upper
127 100	
129 32.6	25.1 37.7
65 32.6	25.0 37.6
92 20.1	16.2 24.2



#34
Hexachlorobutadiene
Concen: 39.782 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:225	Resp: 94845
Ion Ratio	Lower Upper
225 100	
223 62.9	50.7 76.1
227 62.9	50.4 75.6

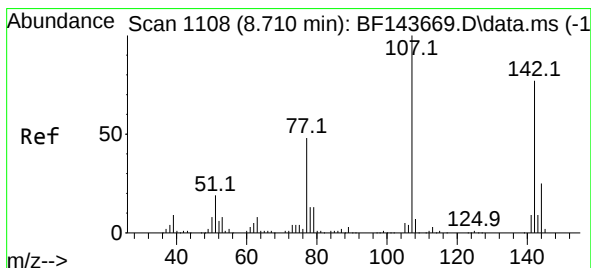
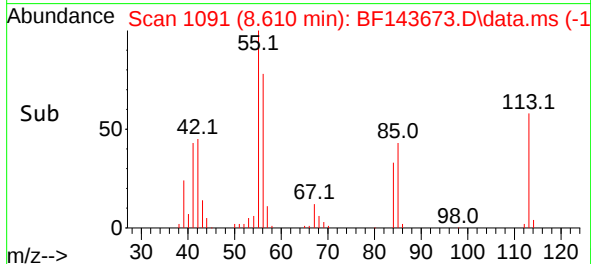
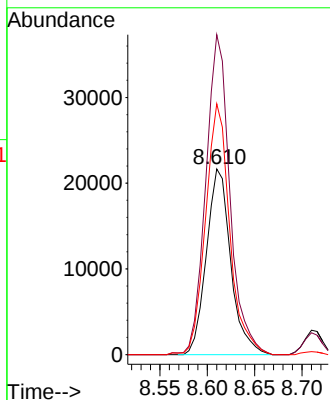
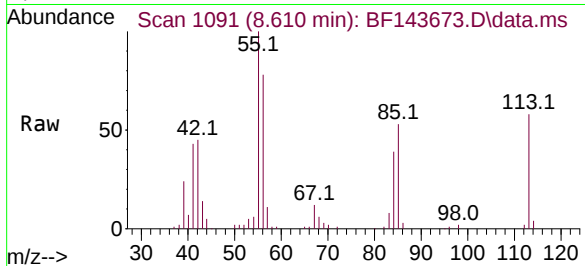




#35
 Caprolactam
 Concen: 40.228 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: BF143673.D
 Acq: 08 Sep 2025 19:48

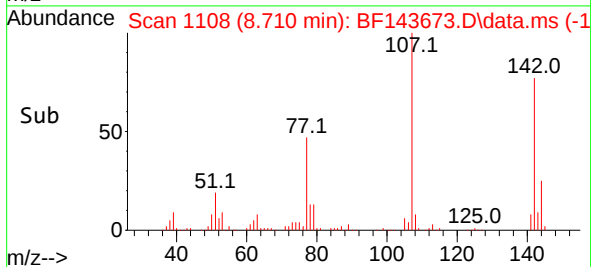
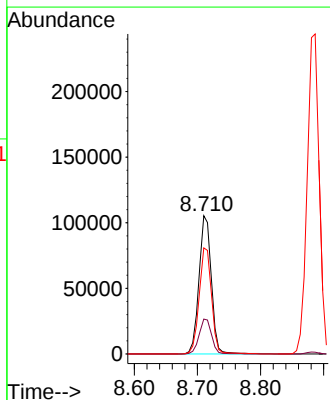
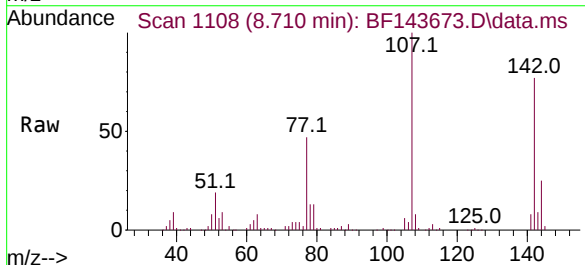
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090925

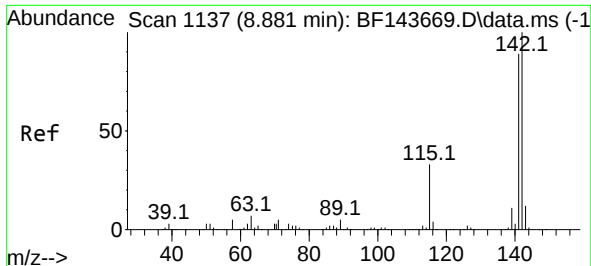
Tgt Ion:	113	Resp:	38728
Ion Ratio	Lower	Upper	
113	100		
55	172.4	150.6	190.6
56	135.1	116.0	156.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.674 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: BF143673.D
 Acq: 08 Sep 2025 19:48

Tgt Ion:	107	Resp:	143062
Ion Ratio	Lower	Upper	
107	100		
144	25.2	19.6	29.4
142	76.8	61.8	92.8





#37

2-Methylnaphthalene

Concen: 39.903 ng

RT: 8.887 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

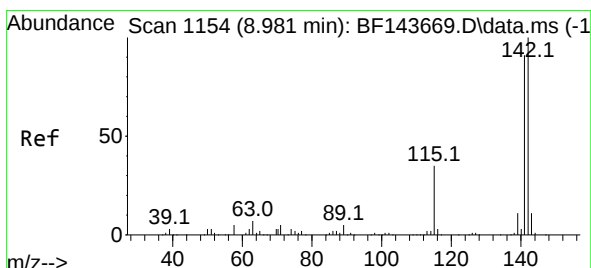
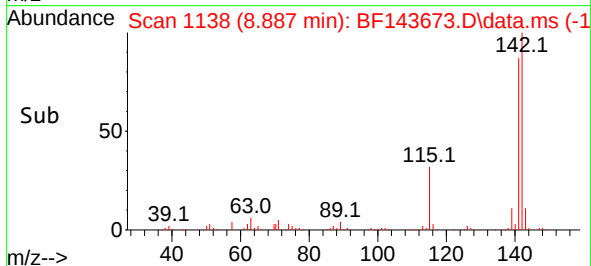
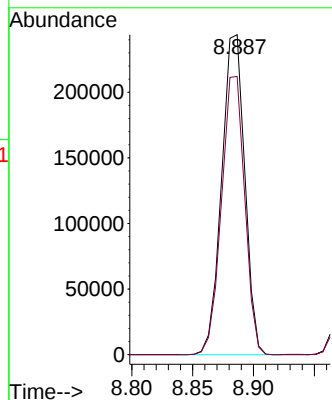
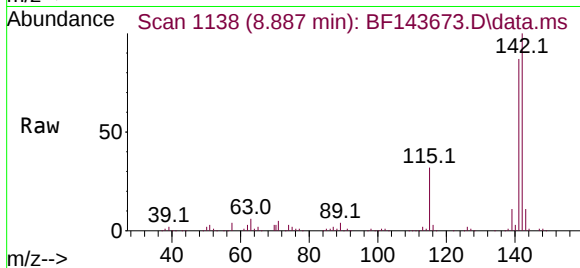
ICVBF090925

Tgt Ion:142 Resp: 322122

Ion Ratio Lower Upper

142 100

141 86.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.635 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143673.D

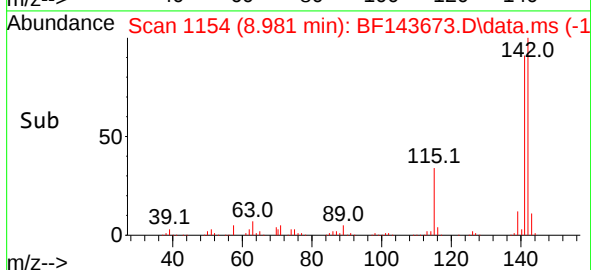
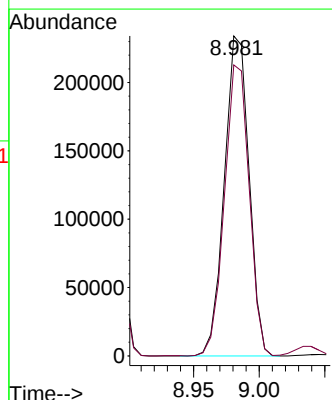
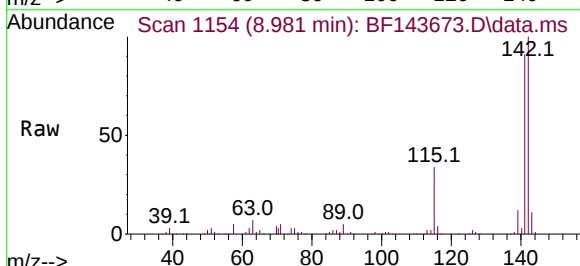
Acq: 08 Sep 2025 19:48

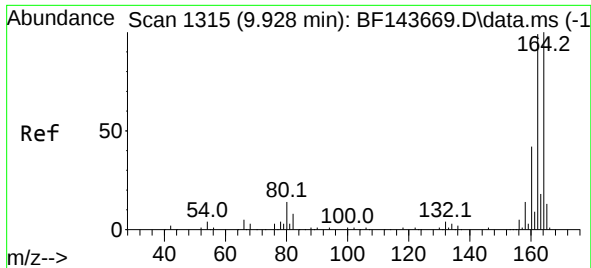
Tgt Ion:142 Resp: 306390

Ion Ratio Lower Upper

142 100

141 91.0 72.5 108.7

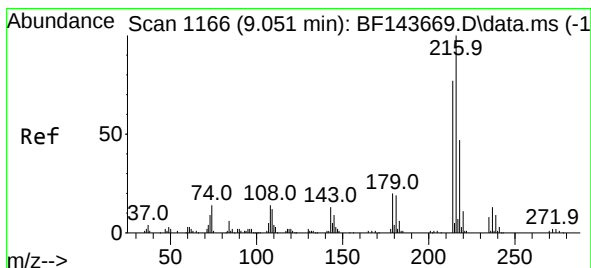
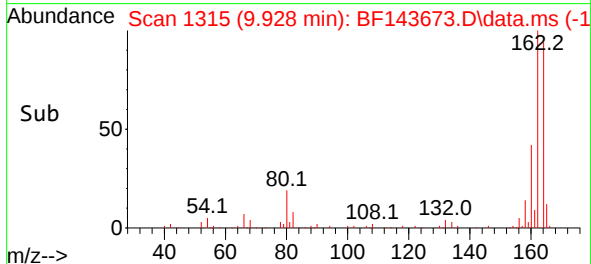
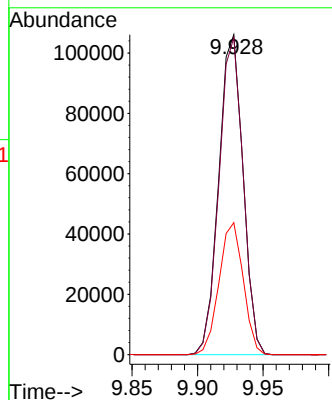
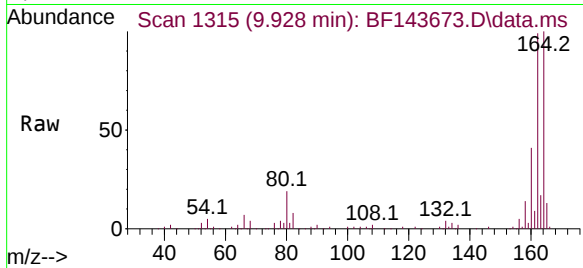




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

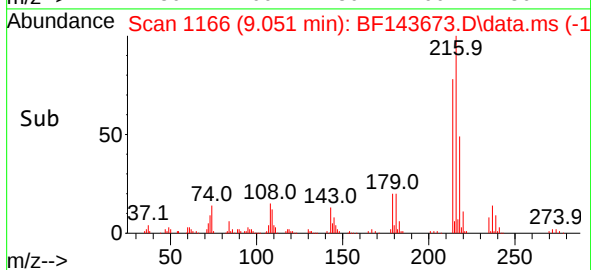
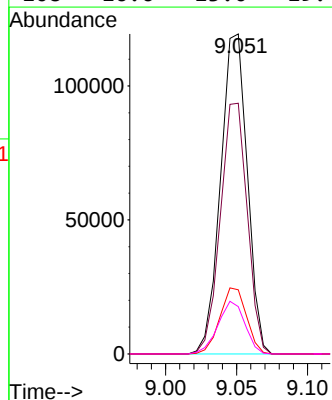
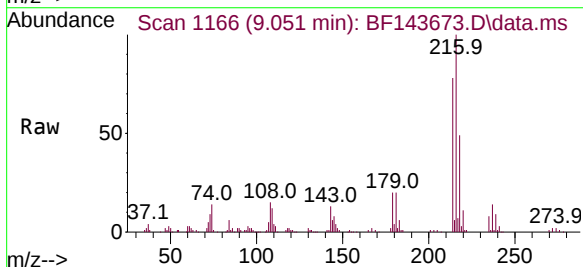
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

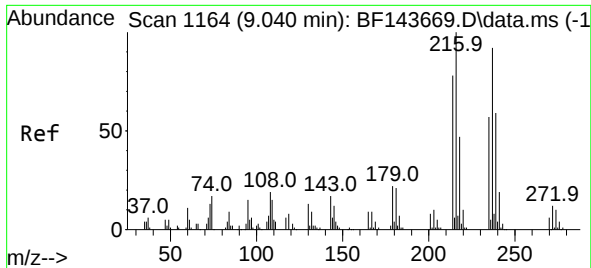
Tgt Ion:164 Resp: 136783
Ion Ratio Lower Upper
164 100
162 99.0 79.6 119.4
160 41.2 33.9 50.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.288 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:216 Resp: 156158
Ion Ratio Lower Upper
216 100
214 78.6 61.9 92.9
179 20.5 16.5 24.7
108 16.6 13.0 19.4

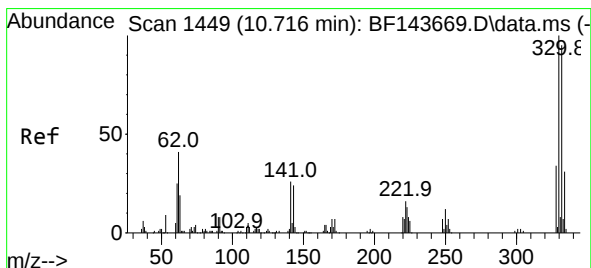
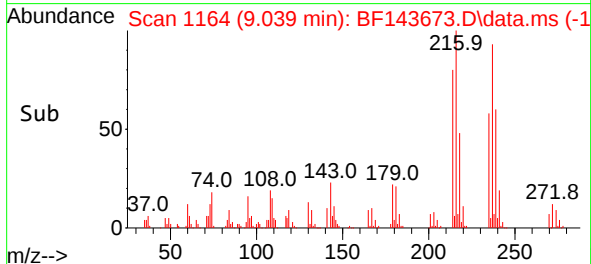
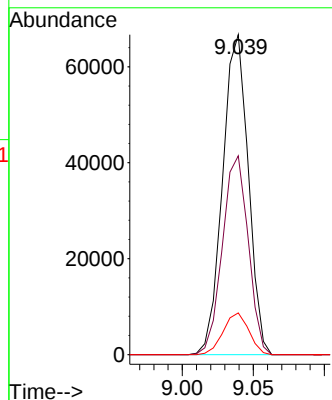
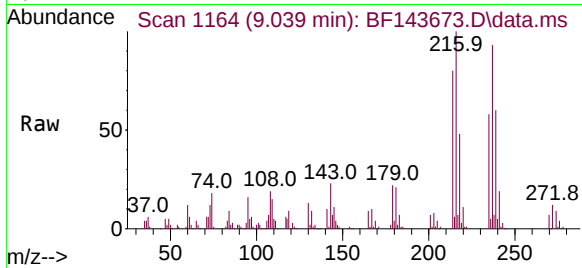




#41
Hexachlorocyclopentadiene
Concen: 41.463 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

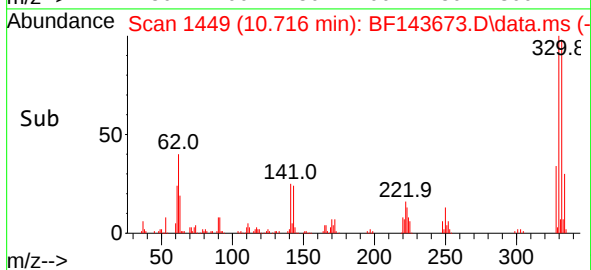
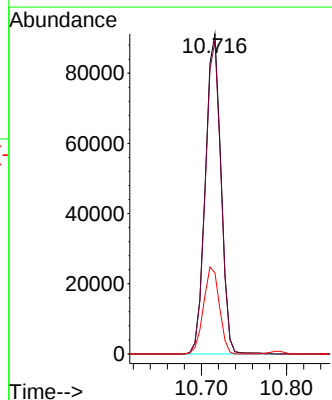
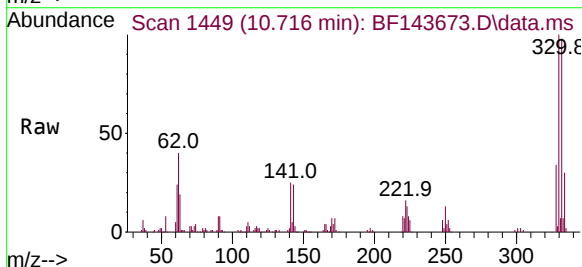
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

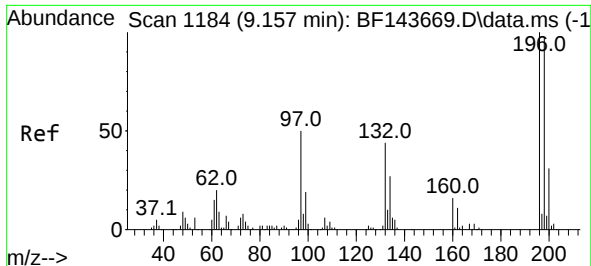
Tgt Ion:237 Resp: 83855
Ion Ratio Lower Upper
237 100
235 62.1 41.9 81.9
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 83.513 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:330 Resp: 115814
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.2
141 27.6 22.0 33.0

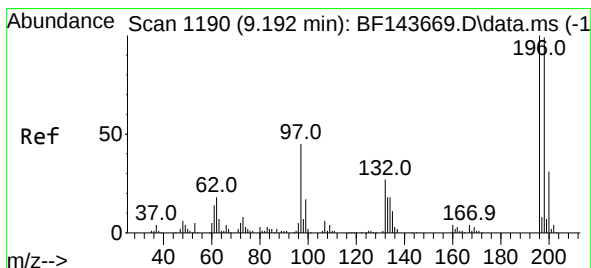
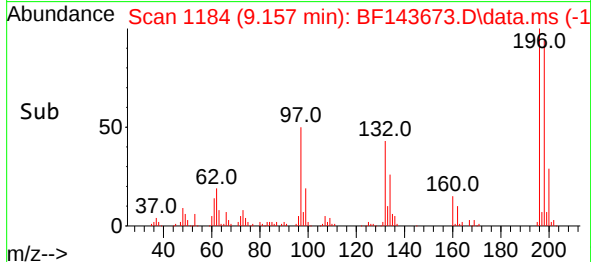
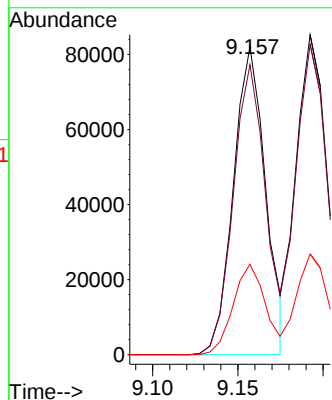
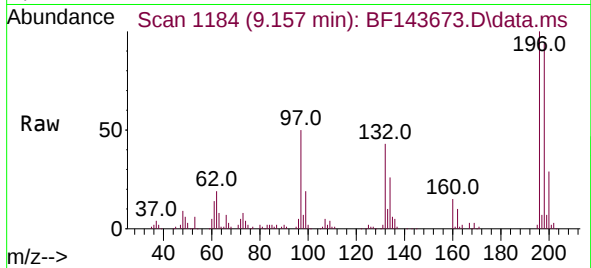




#43
2,4,6-Trichlorophenol
Concen: 41.974 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

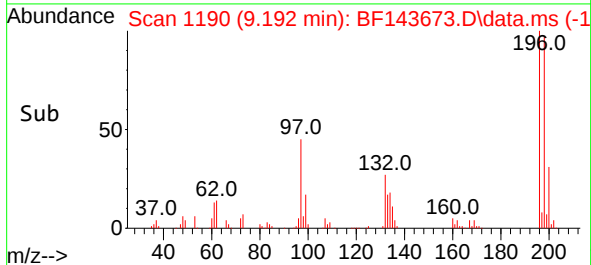
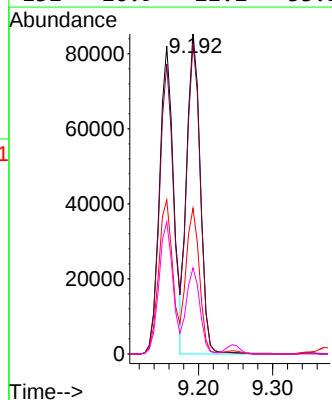
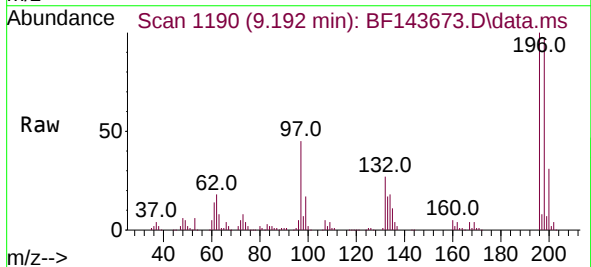
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

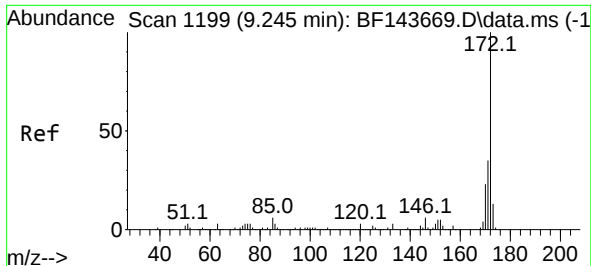
Tgt Ion:196 Resp: 107961
Ion Ratio Lower Upper
196 100
198 94.2 77.2 115.8
200 29.4 24.8 37.2



#44
2,4,5-Trichlorophenol
Concen: 41.070 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:196 Resp: 108367
Ion Ratio Lower Upper
196 100
198 97.0 78.0 117.0
97 45.5 36.2 54.2
132 26.9 22.2 33.2

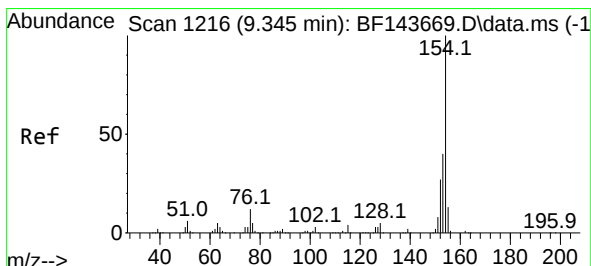
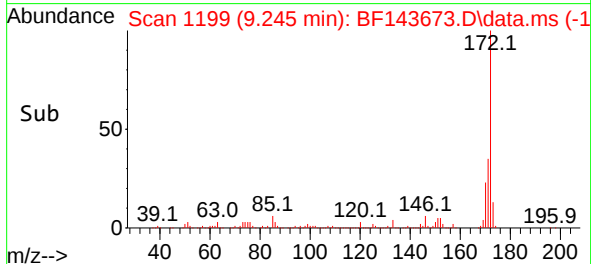
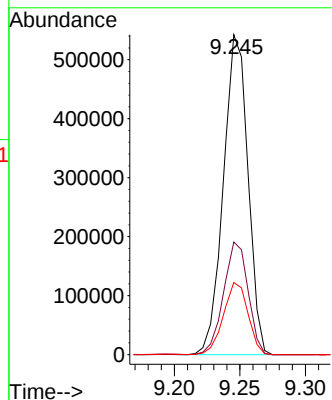
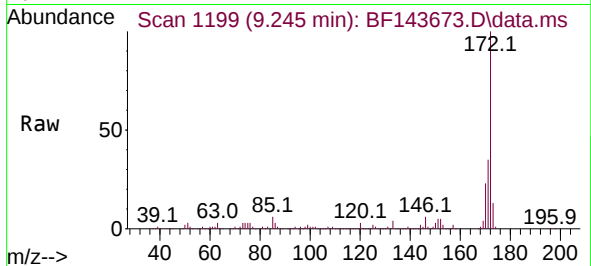




#45
2-Fluorobiphenyl
Concen: 80.660 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

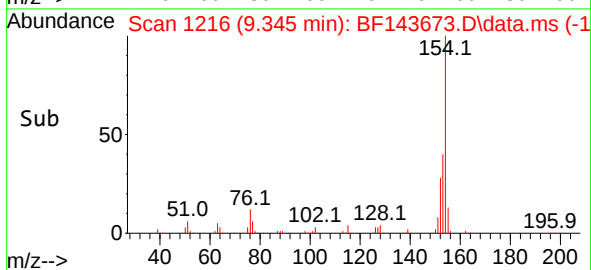
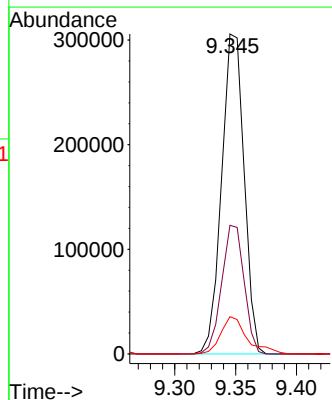
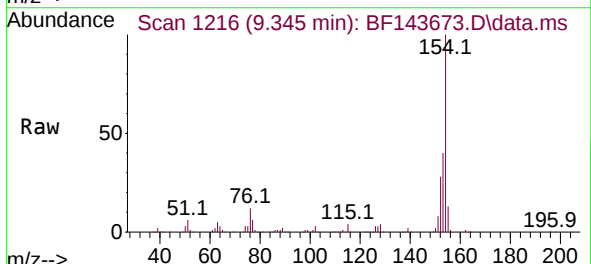
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

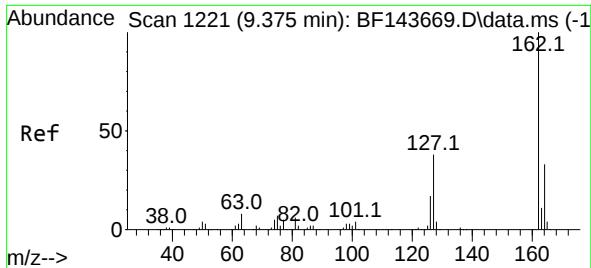
Tgt Ion:172 Resp: 707534
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 40.099 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:154 Resp: 394776
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.6 0.0 32.0





#47

2-Chloronaphthalene

Concen: 39.907 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF143673.D

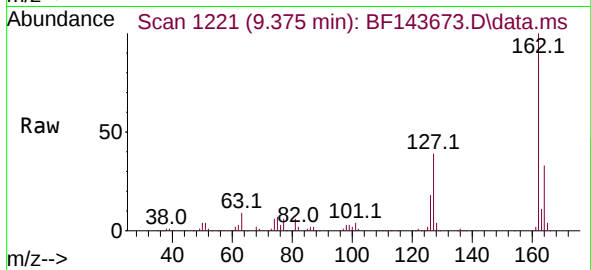
Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925



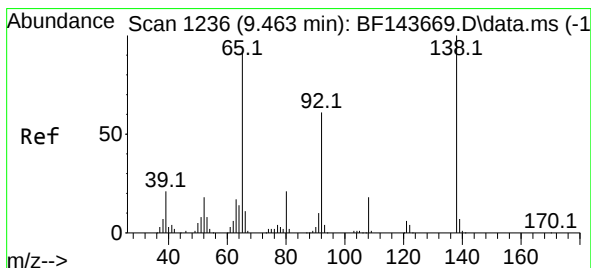
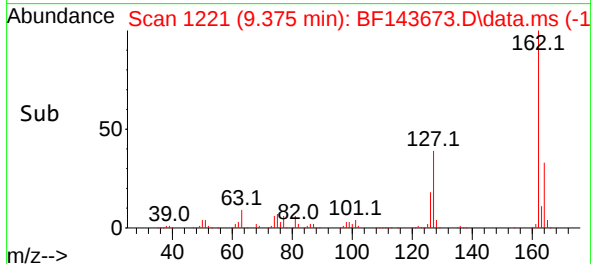
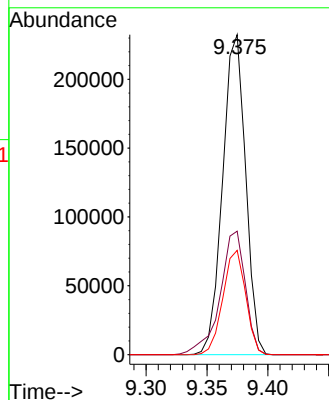
Tgt Ion:162 Resp: 305307

Ion Ratio Lower Upper

162 100

127 38.6 30.8 46.2

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 42.277 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

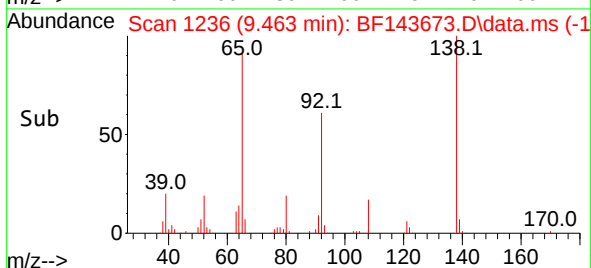
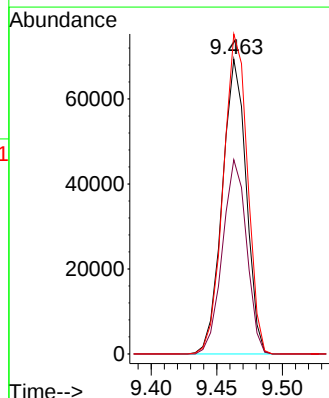
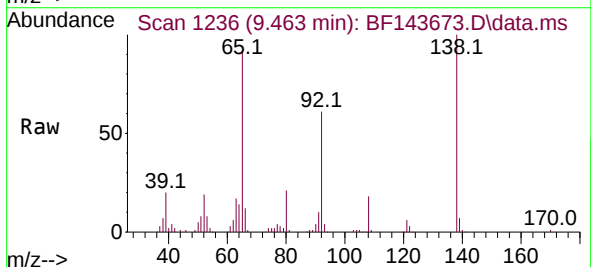
Tgt Ion: 65 Resp: 88104

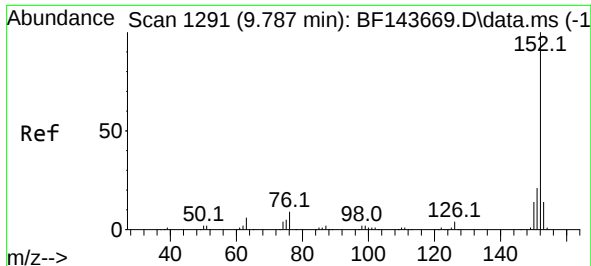
Ion Ratio Lower Upper

65 100

92 65.9 52.8 79.2

138 108.6 86.9 130.3





#49

Acenaphthylene

Concen: 40.457 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143673.D

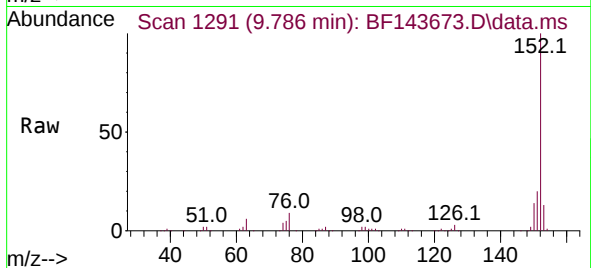
Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925



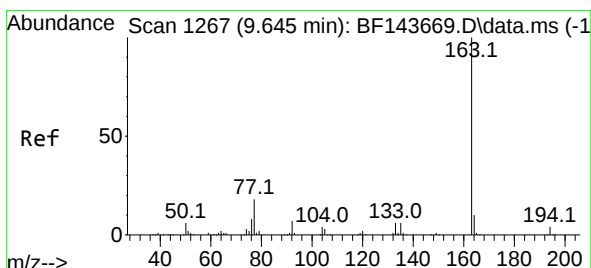
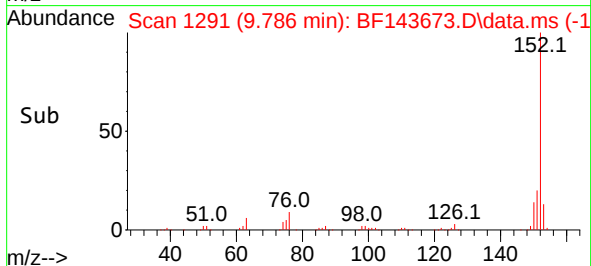
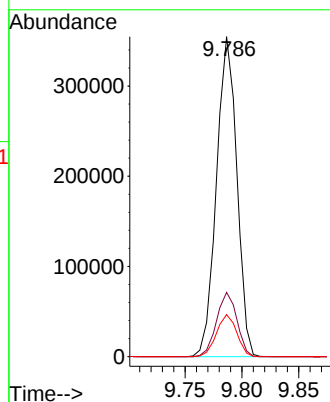
Tgt Ion:152 Resp: 442581

Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 39.637 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

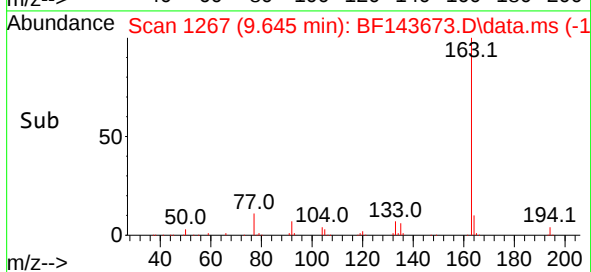
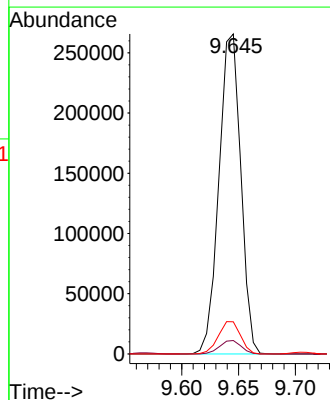
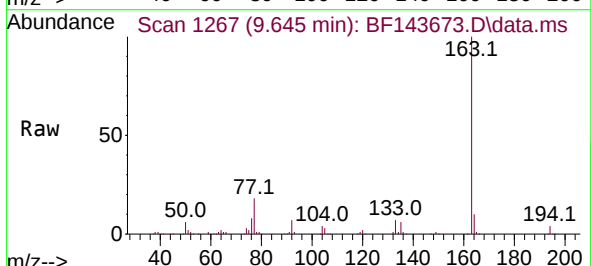
Tgt Ion:163 Resp: 354932

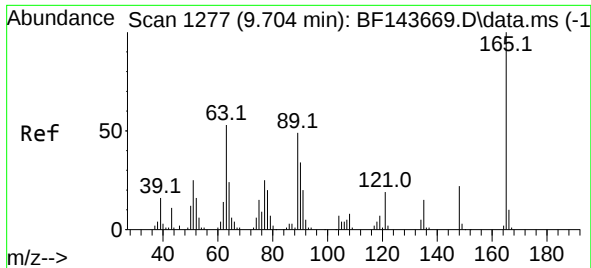
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

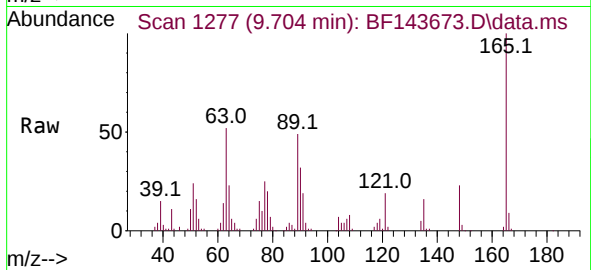
164 10.0 7.7 11.5



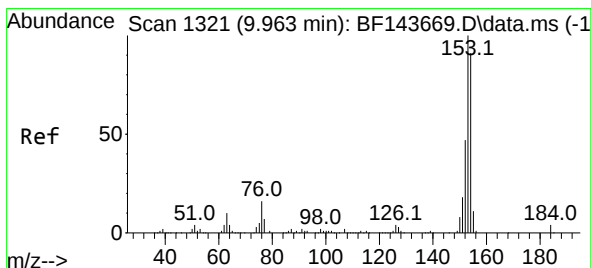
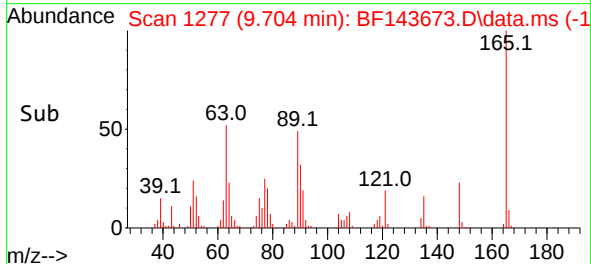
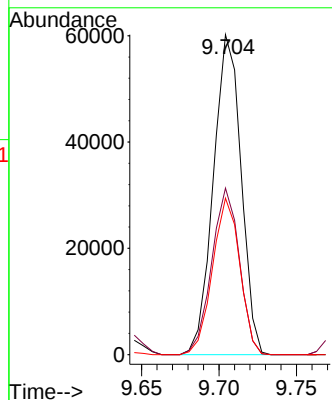


#51
2,6-Dinitrotoluene
Concen: 43.943 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Instrument :
BNA_F
ClientSampleId :
ICVBF090925

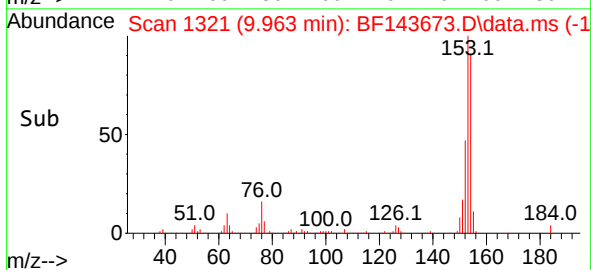
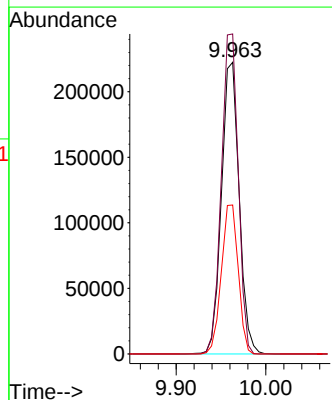
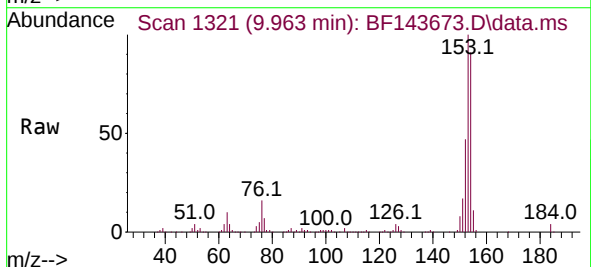


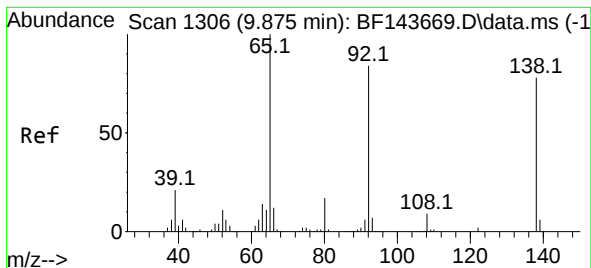
Tgt Ion:165 Resp: 75164
Ion Ratio Lower Upper
165 100
63 52.0 42.3 63.5
89 48.9 39.4 59.2



#52
Acenaphthene
Concen: 40.492 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:154 Resp: 305976
Ion Ratio Lower Upper
154 100
153 109.7 87.6 131.4
152 51.1 41.0 61.6





#53

3-Nitroaniline

Concen: 42.525 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

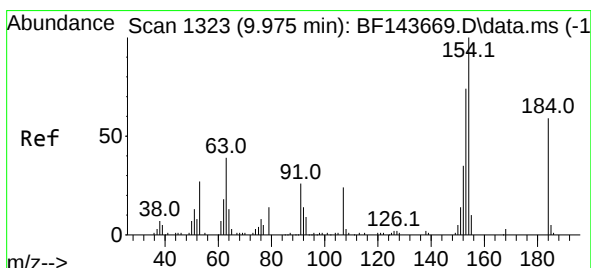
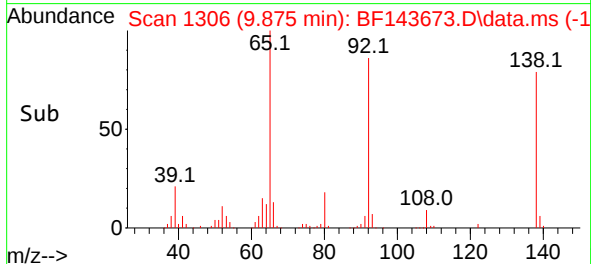
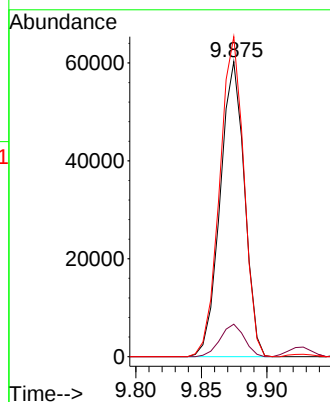
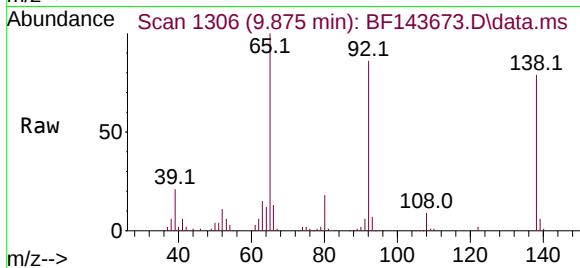
Tgt Ion:138 Resp: 77672

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

92 108.5 86.7 130.1



#54

2,4-Dinitrophenol

Concen: 40.425 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

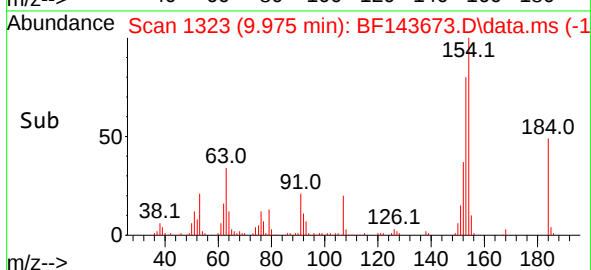
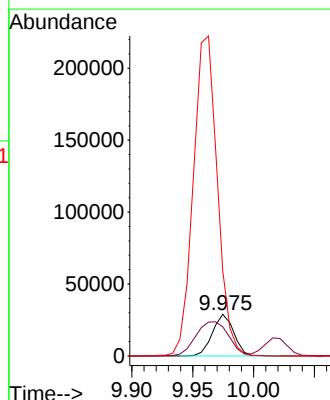
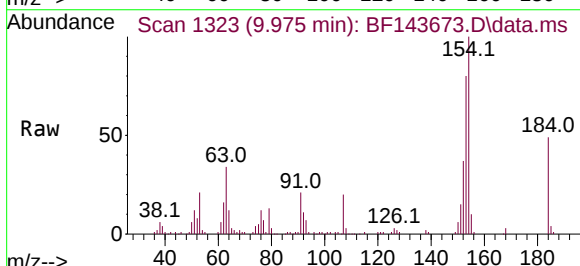
Tgt Ion:184 Resp: 35193

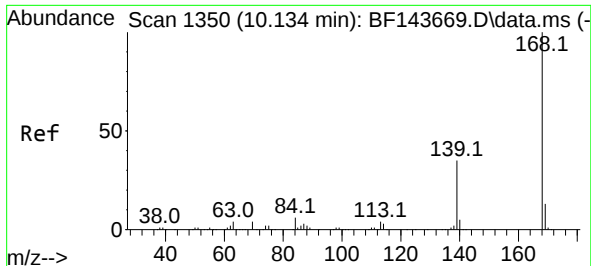
Ion Ratio Lower Upper

184 100

63 70.0 56.6 84.8

154 204.9 170.0 255.0

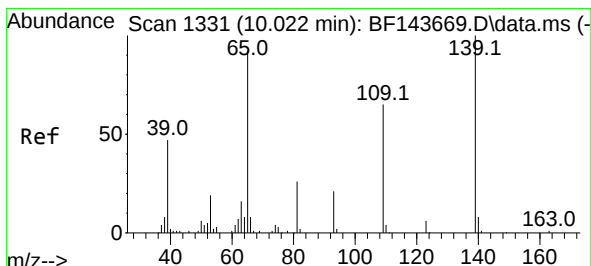
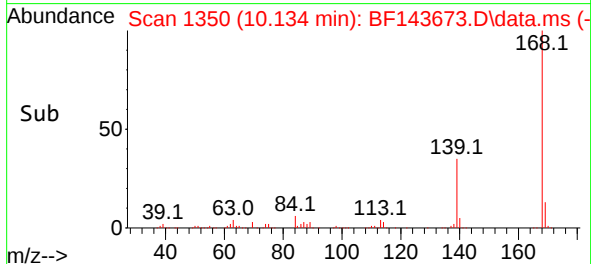
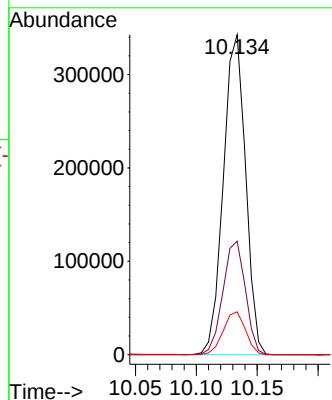
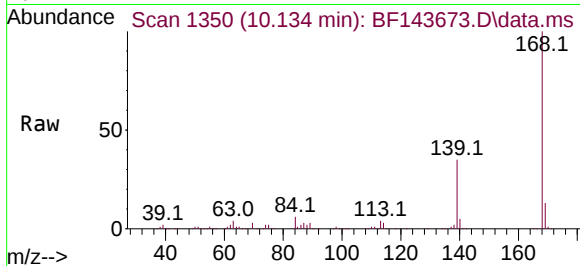




#55
Dibenzofuran
Concen: 40.179 ng
RT: 10.134 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

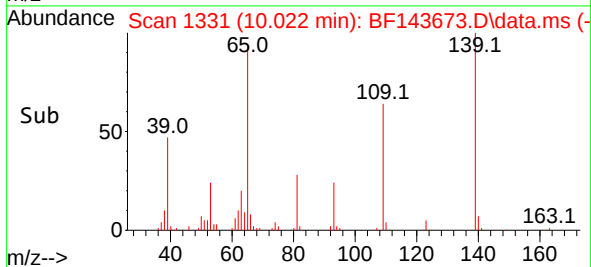
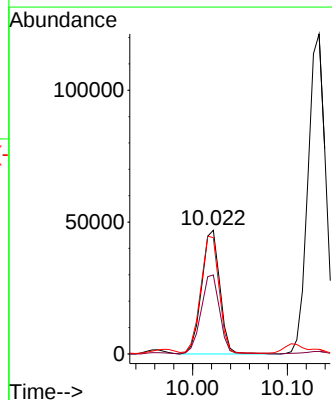
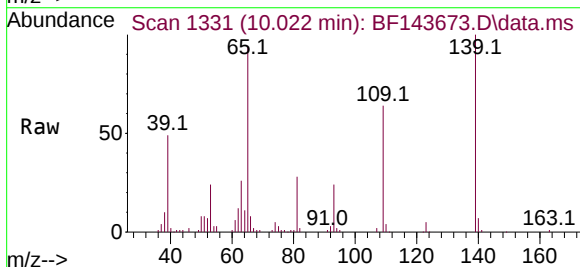
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

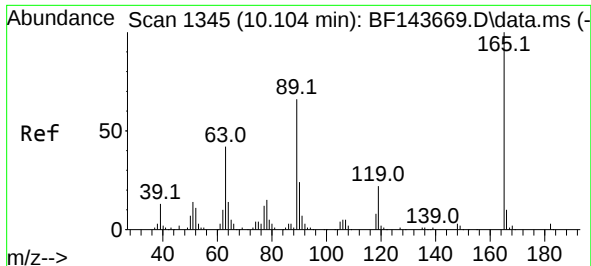
Tgt Ion:168 Resp: 435046
Ion Ratio Lower Upper
168 100
139 35.4 28.2 42.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 42.054 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

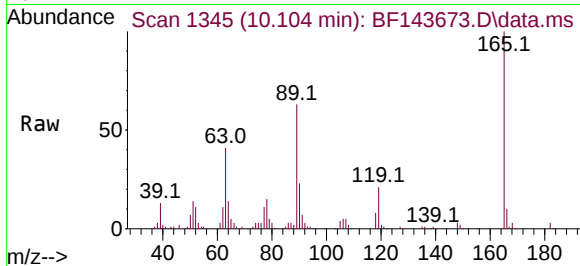
Tgt Ion:139 Resp: 62688
Ion Ratio Lower Upper
139 100
109 63.9 44.5 84.5
65 94.1 73.3 113.3



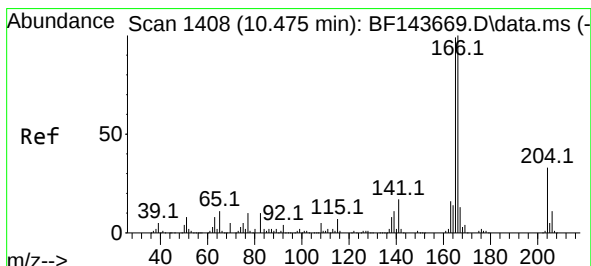
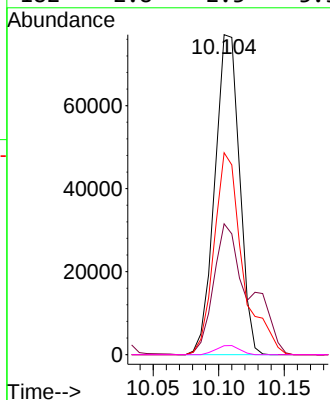
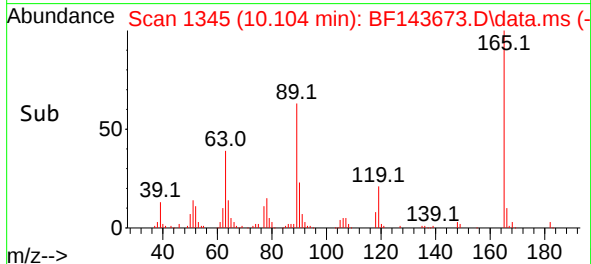


#57
2,4-Dinitrotoluene
Concen: 44.667 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Instrument :
BNA_F
ClientSampleId :
ICVBF090925

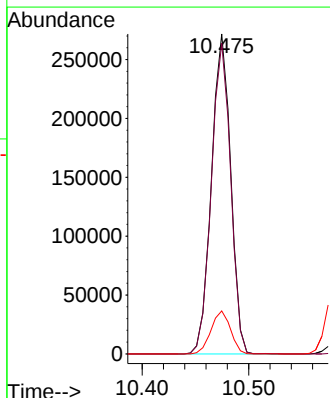
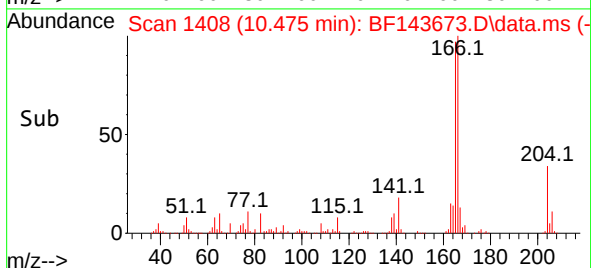
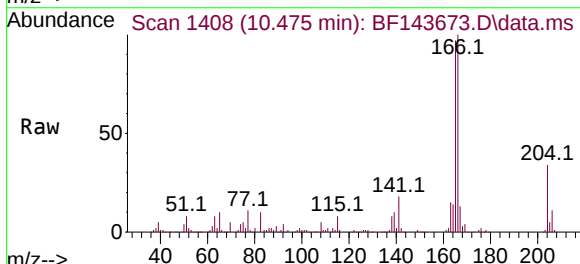


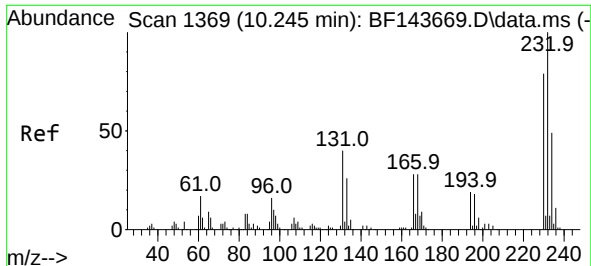
Tgt Ion:165 Resp: 101248
Ion Ratio Lower Upper
165 100
63 40.9 33.3 49.9
89 63.1 52.4 78.6
182 2.8 2.3 3.5



#58
Fluorene
Concen: 40.209 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:166 Resp: 341219
Ion Ratio Lower Upper
166 100
165 97.0 78.9 118.3
167 13.4 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.519 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

Tgt Ion:232 Resp: 89806

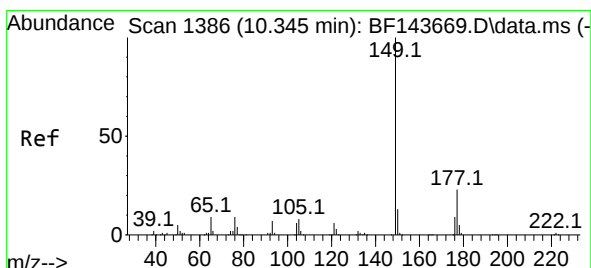
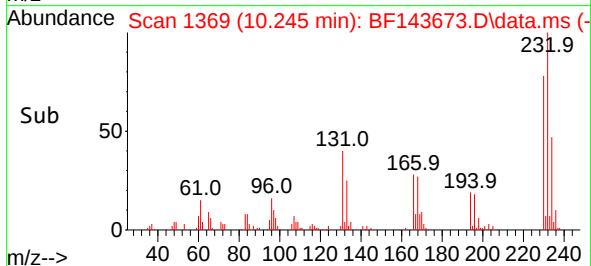
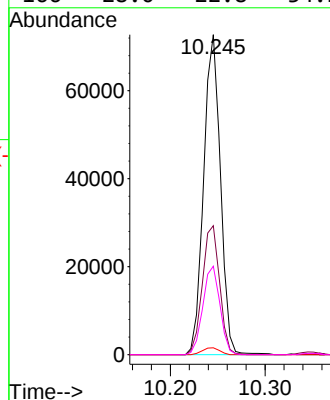
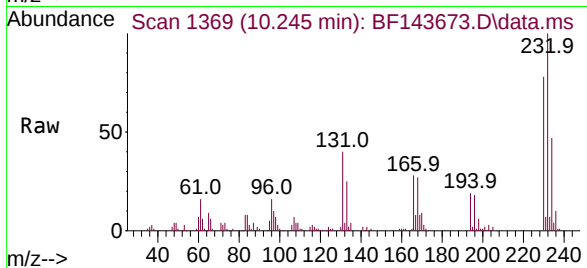
Ion Ratio Lower Upper

232 100

131 41.2 32.6 48.8

130 2.2 1.5 2.3

166 28.0 22.8 34.2



#60

Diethylphthalate

Concen: 40.538 ng

RT: 10.345 min Scan# 1386

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

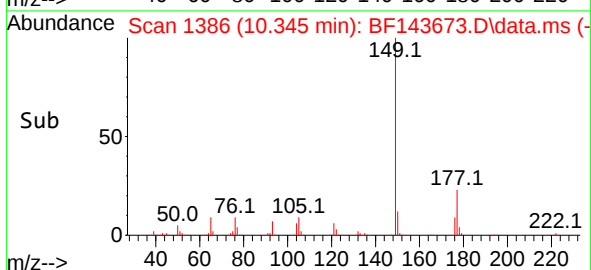
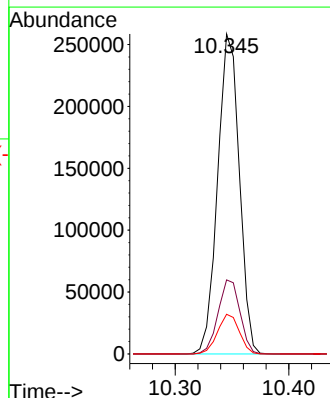
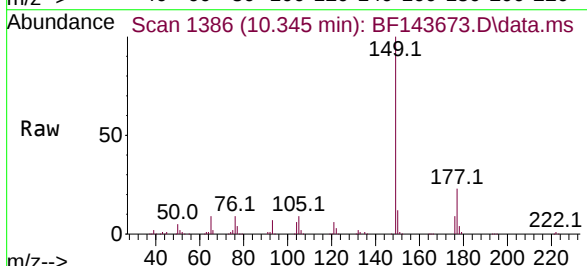
Tgt Ion:149 Resp: 341881

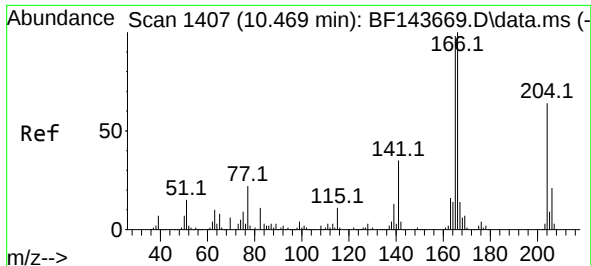
Ion Ratio Lower Upper

149 100

177 23.2 18.4 27.6

150 12.4 10.2 15.4

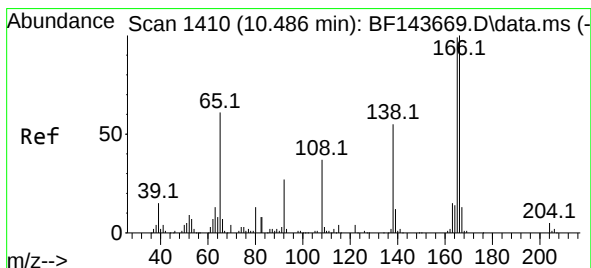
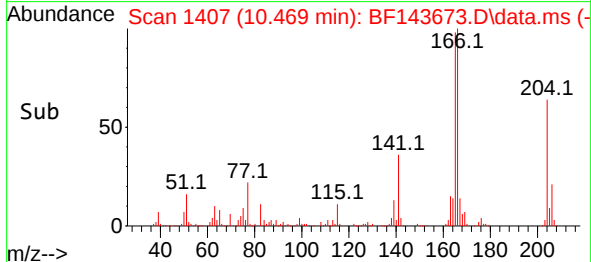
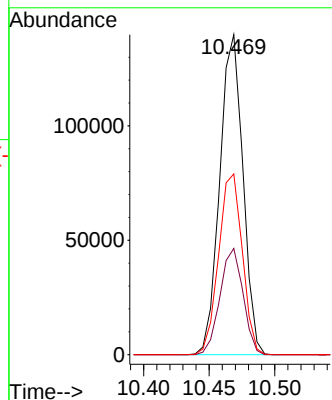
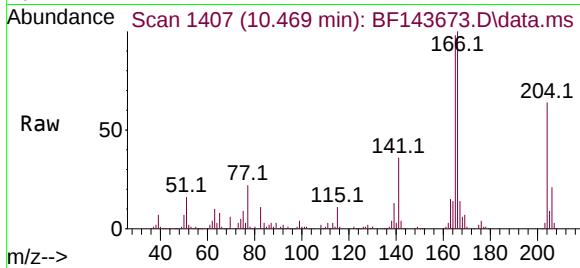




#61
4-Chlorophenyl-phenylether
Concen: 40.148 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

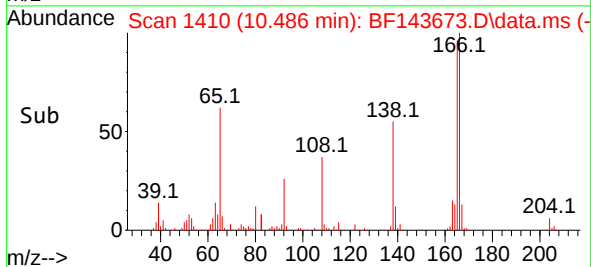
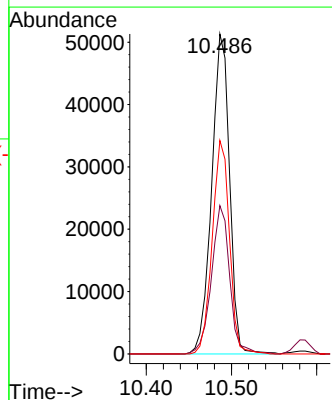
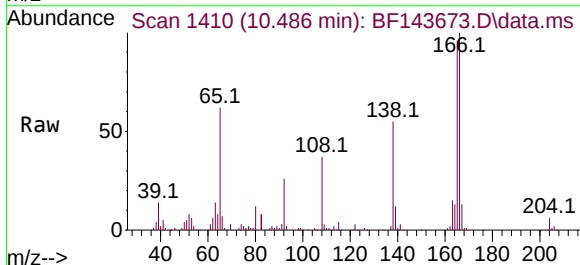
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

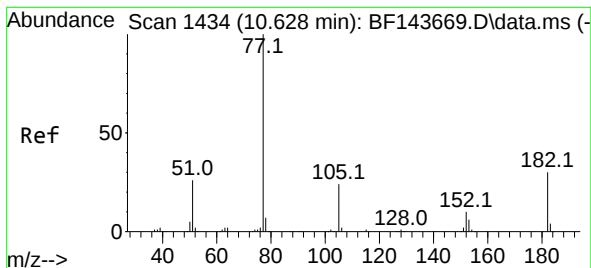
Tgt Ion:204 Resp: 172027
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 56.5 44.6 66.8



#62
4-Nitroaniline
Concen: 42.427 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:138 Resp: 74588
Ion Ratio Lower Upper
138 100
92 46.3 28.4 68.4
108 66.7 47.0 87.0





#63

Azobenzene

Concen: 40.592 ng

RT: 10.628 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

Tgt Ion: 77 Resp: 301083

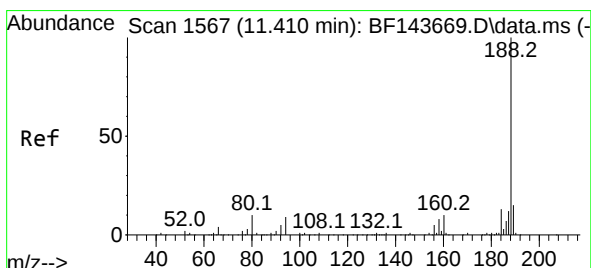
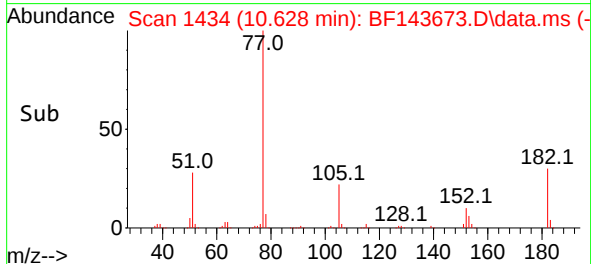
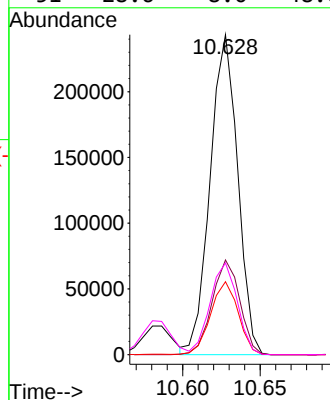
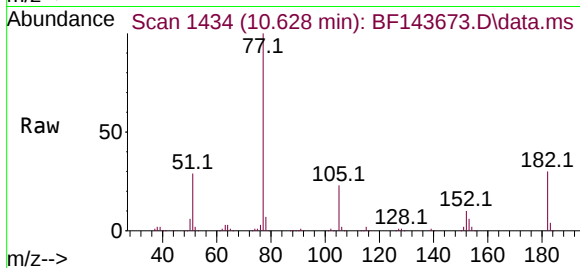
Ion Ratio Lower Upper

77 100

182 29.6 9.3 49.3

105 22.8 3.2 43.2

51 28.6 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

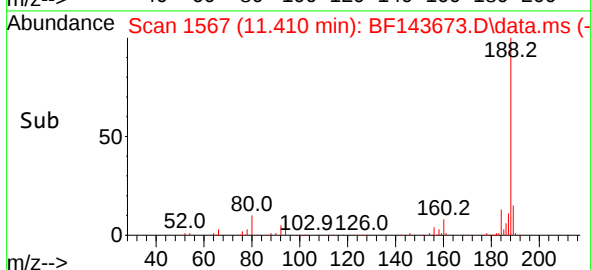
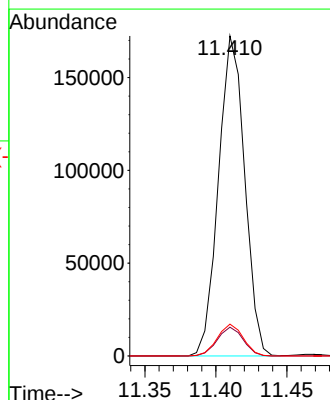
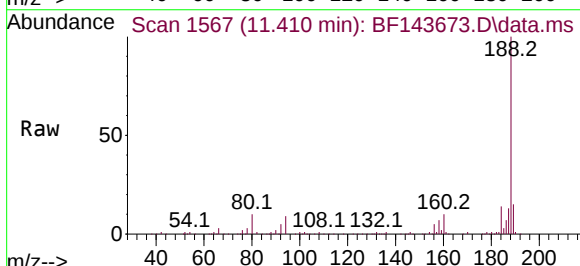
Tgt Ion: 188 Resp: 221570

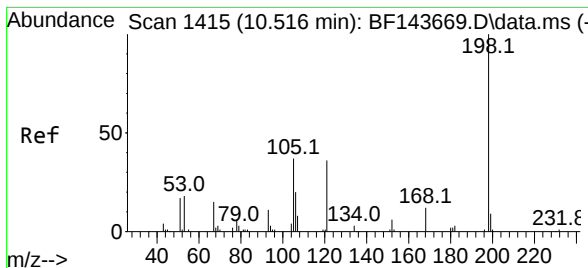
Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.9 7.9 11.9

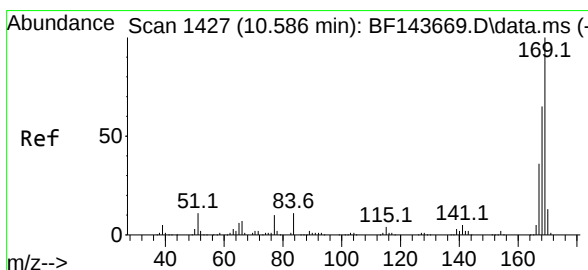
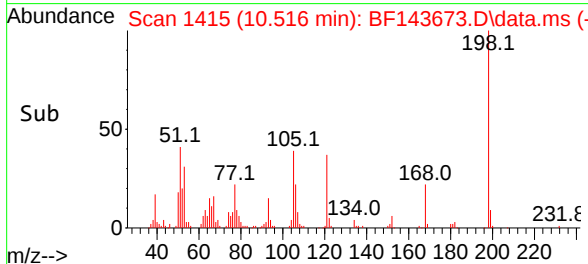
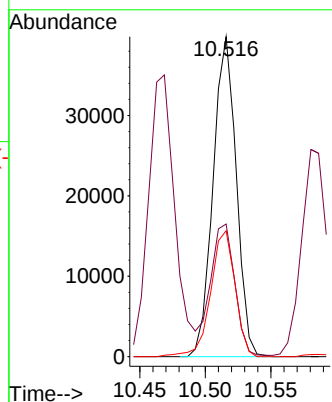
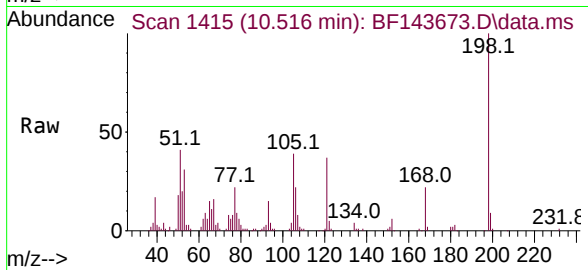




#65
4,6-Dinitro-2-methylphenol
Concen: 43.281 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

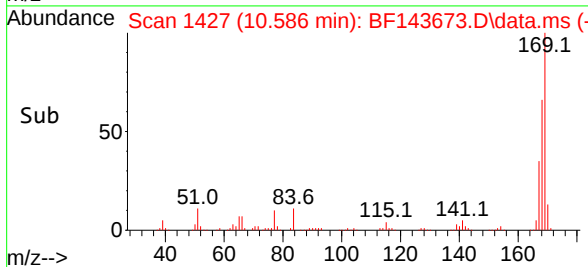
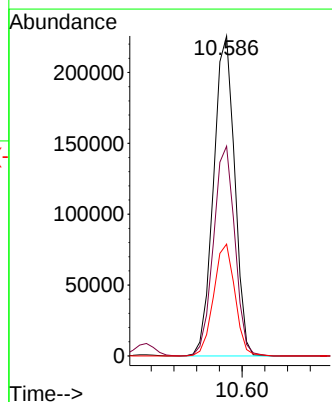
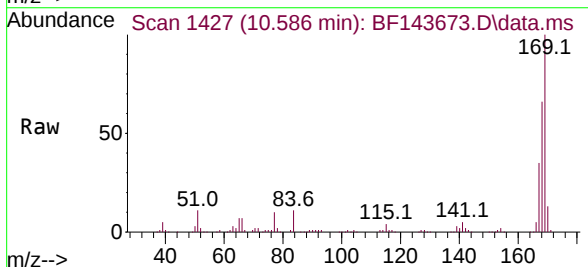
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

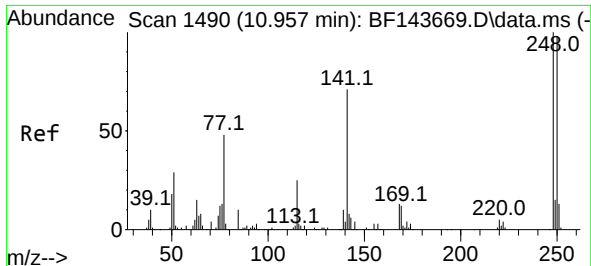
Tgt Ion:198 Resp: 48959
Ion Ratio Lower Upper
198 100
51 41.4 21.9 61.9
105 39.3 18.4 58.4



#66
n-Nitrosodiphenylamine
Concen: 40.363 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:169 Resp: 291298
Ion Ratio Lower Upper
169 100
168 65.5 52.3 78.5
167 34.9 28.5 42.7

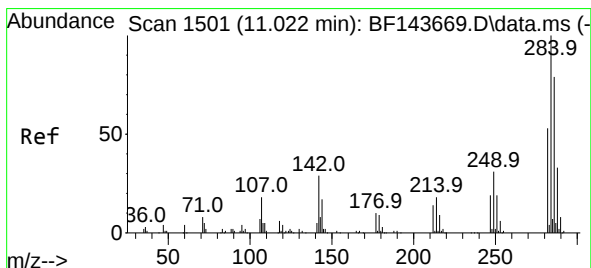
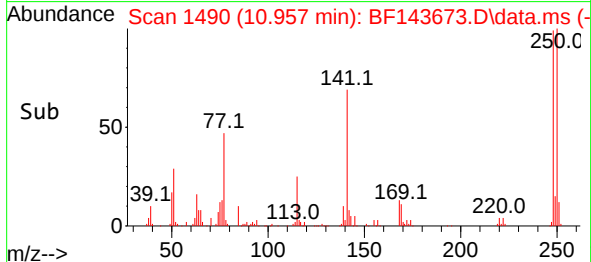
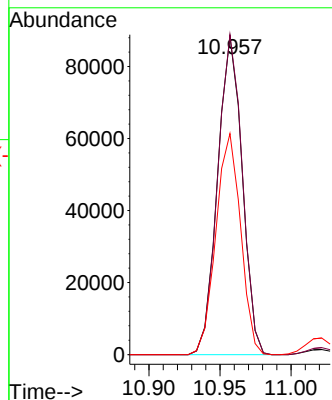
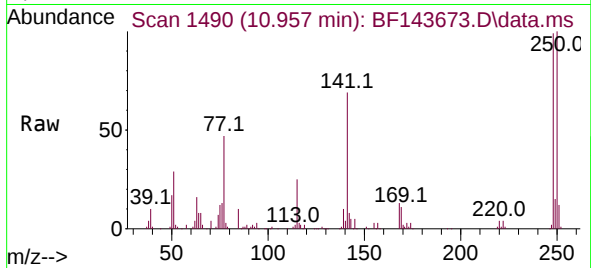




#67
4-Bromophenyl-phenylether
Concen: 40.210 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

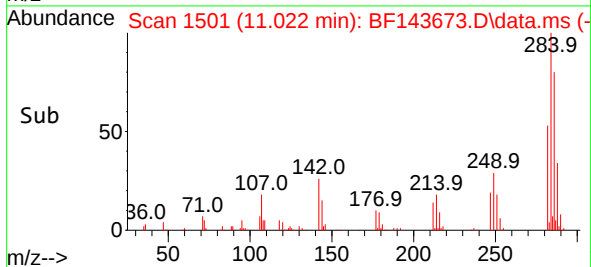
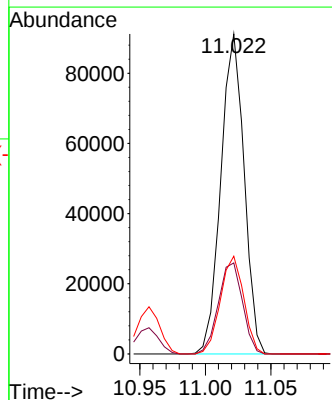
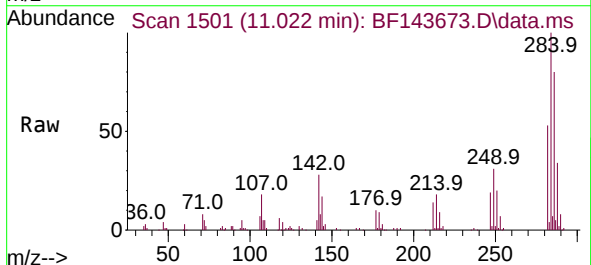
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

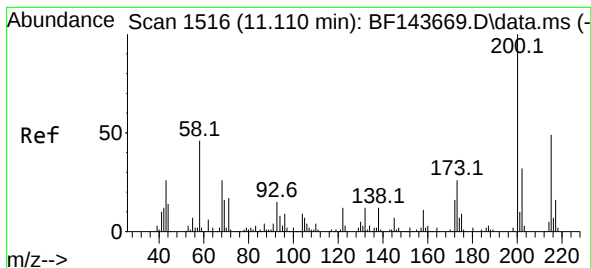
Tgt Ion:248 Resp: 106566
Ion Ratio Lower Upper
248 100
250 100.6 78.6 117.8
141 69.5 57.1 85.7



#68
Hexachlorobenzene
Concen: 40.733 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:284 Resp: 112765
Ion Ratio Lower Upper
284 100
142 28.4 23.2 34.8
249 30.5 25.0 37.4





#69

Atrazine

Concen: 40.583 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

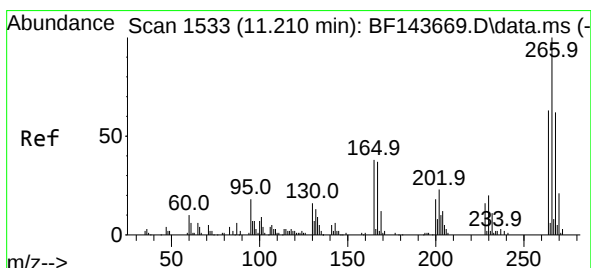
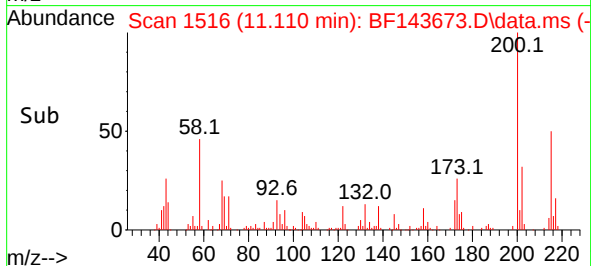
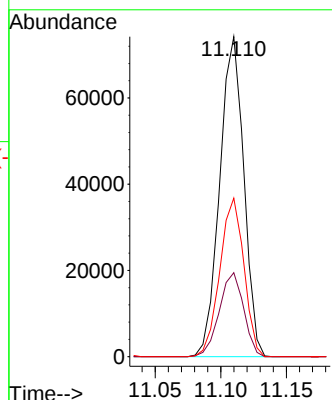
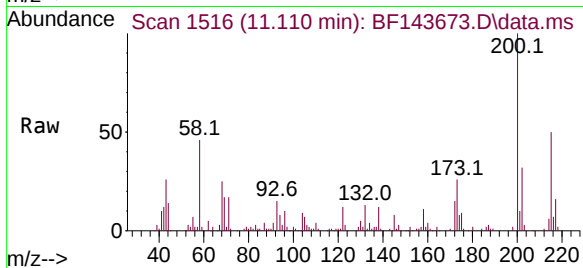
Tgt Ion:200 Resp: 94804

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

215 49.5 28.5 68.5



#70

Pentachlorophenol

Concen: 41.324 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

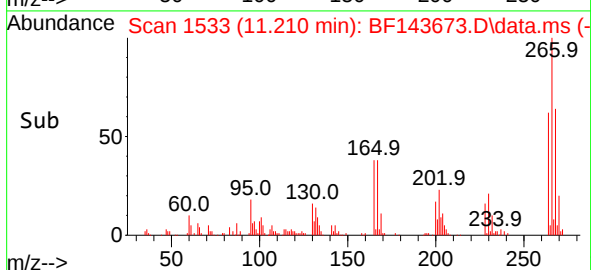
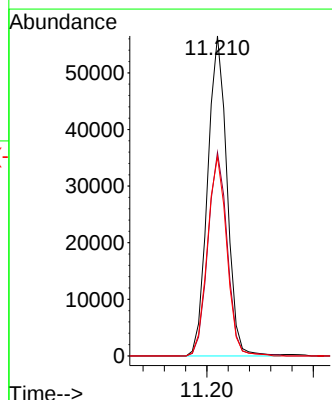
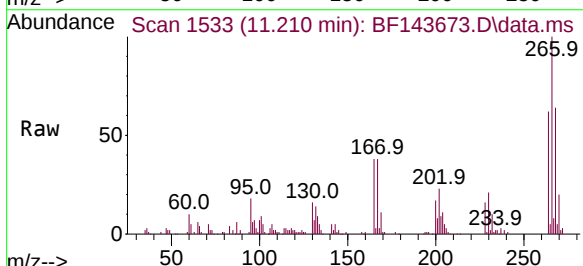
Tgt Ion:266 Resp: 71080

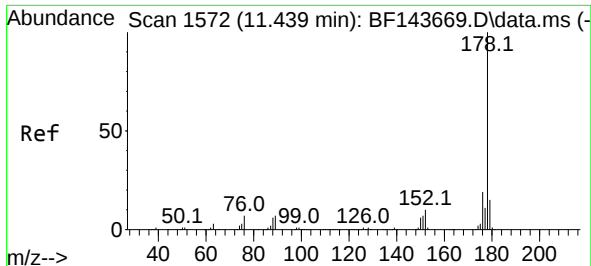
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 62.3 50.1 75.1

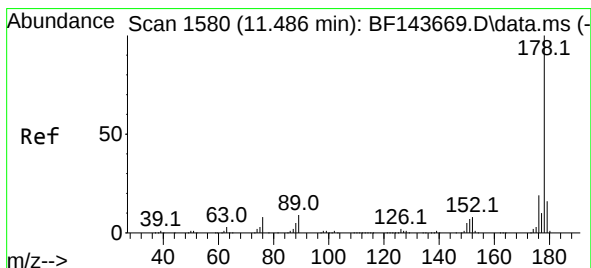
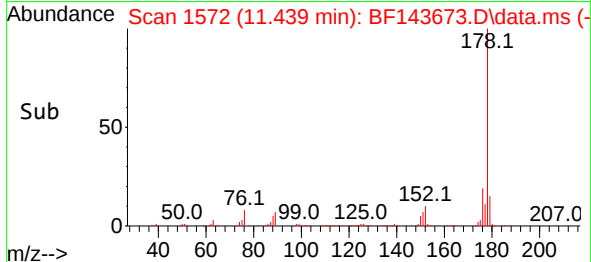
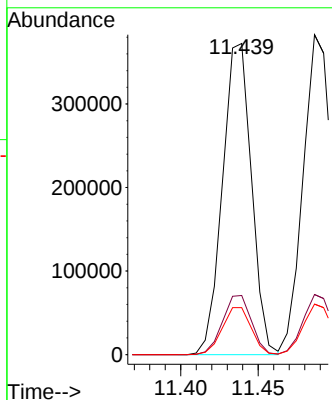
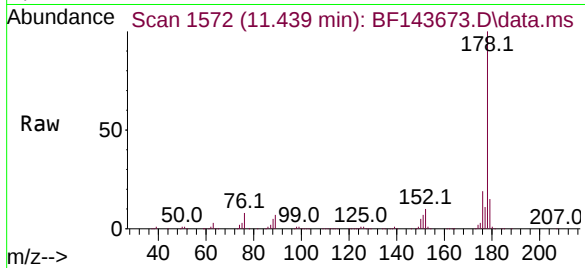




#71
Phenanthrene
Concen: 40.156 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

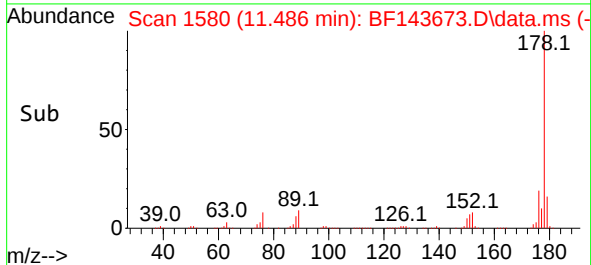
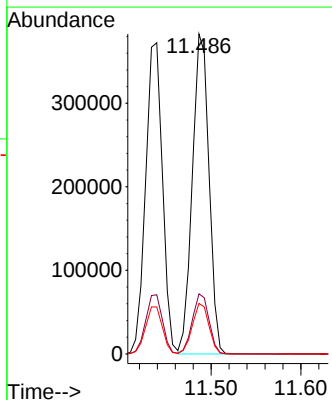
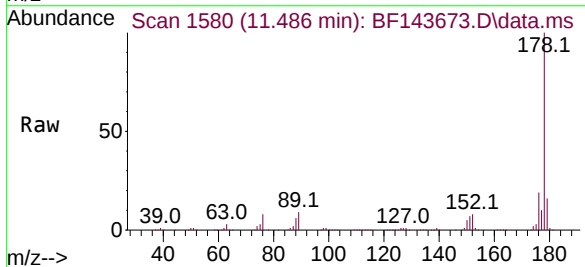
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

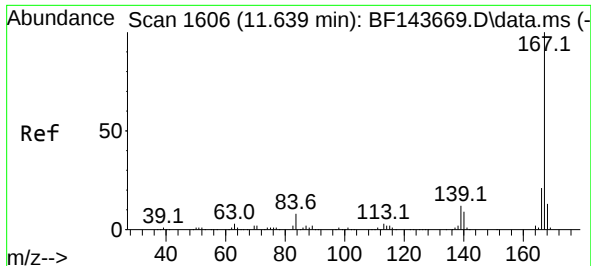
Tgt Ion:178 Resp: 486825
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.1 12.1 18.1



#72
Anthracene
Concen: 40.320 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

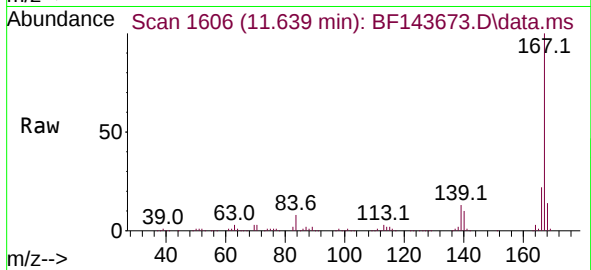
Tgt Ion:178 Resp: 493347
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.8 12.9 19.3



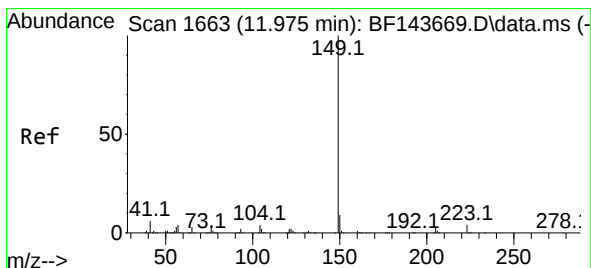
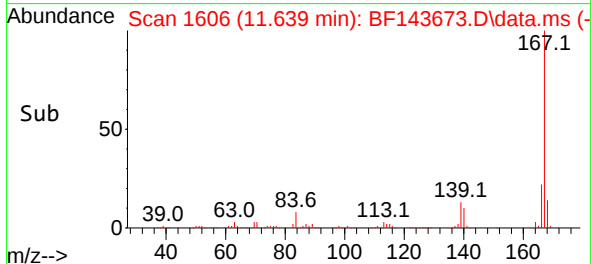
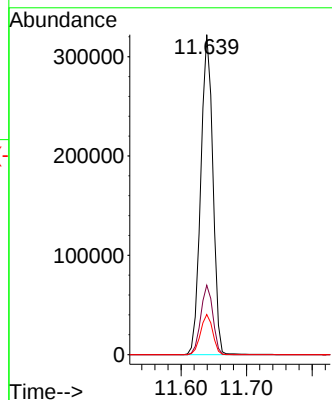


#73
 Carbazole
 Concen: 40.047 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF143673.D
 Acq: 08 Sep 2025 19:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090925

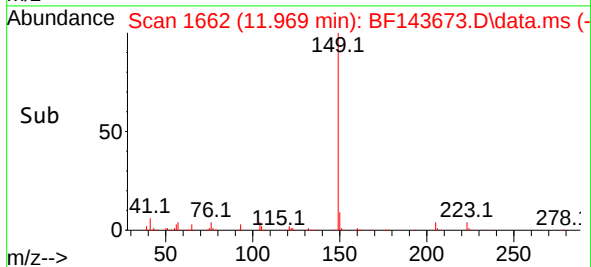
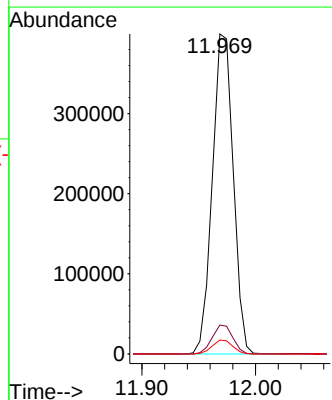
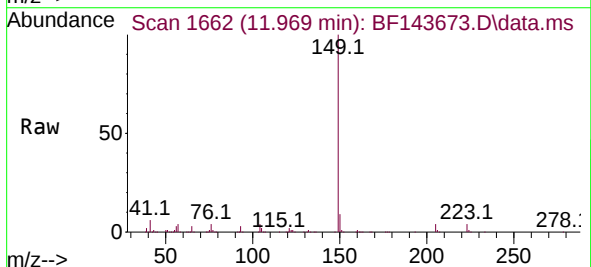


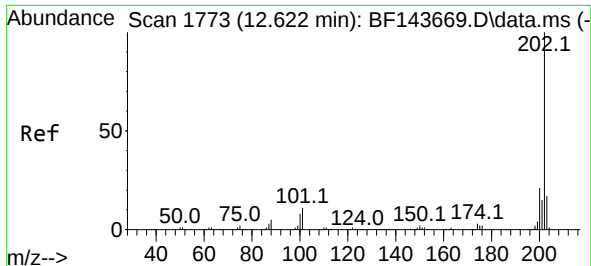
Tgt Ion:167 Resp: 409970
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 12.5 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 41.454 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. -0.006 min
 Lab File: BF143673.D
 Acq: 08 Sep 2025 19:48

Tgt Ion:149 Resp: 510663
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.3 3.2 4.8

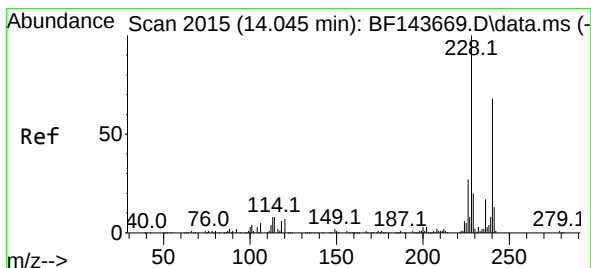
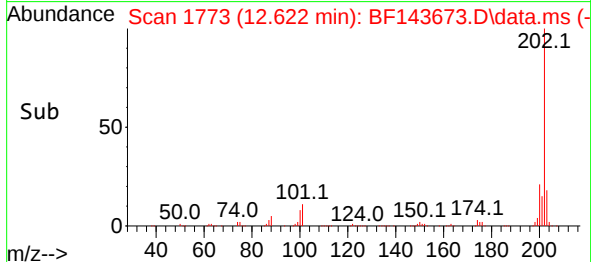
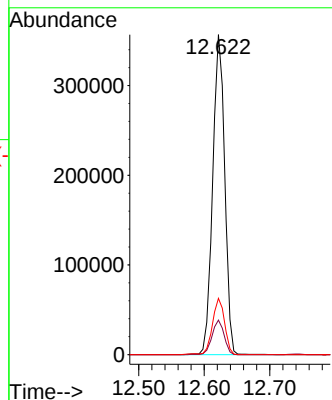
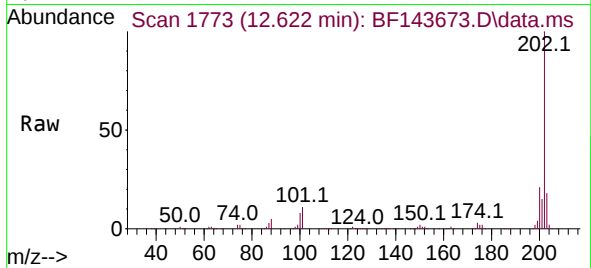




#75
Fluoranthene
Concen: 40.489 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

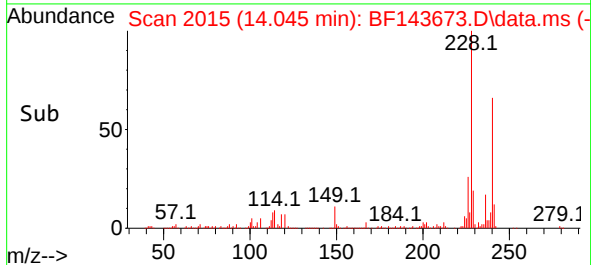
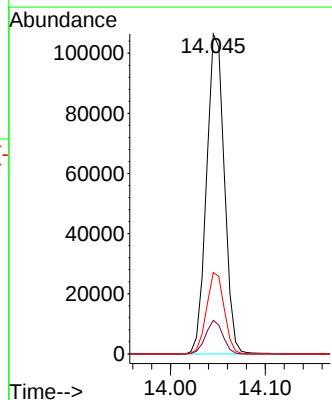
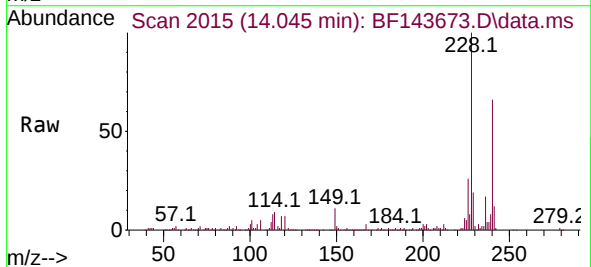
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

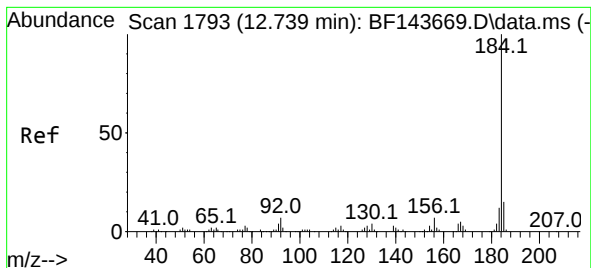
Tgt Ion:	202	Resp:	454608
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.9
203	17.6	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:	240	Resp:	138906
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.7	13.1
236	25.4	19.8	29.8





#77

Benzidine

Concen: 44.048 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

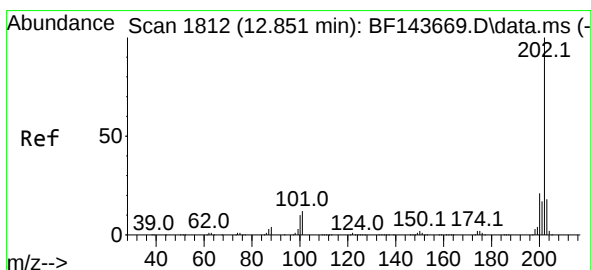
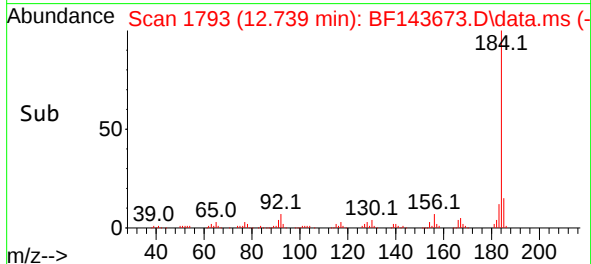
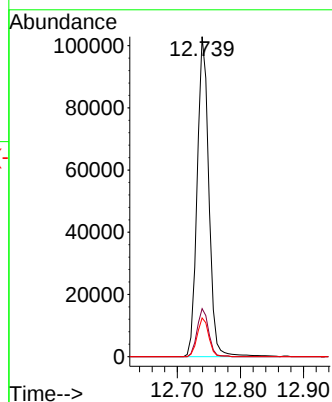
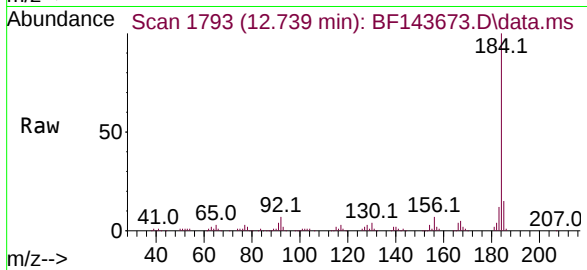
Tgt Ion:184 Resp: 132442

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

183 12.1 9.4 14.0



#78

Pyrene

Concen: 41.207 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

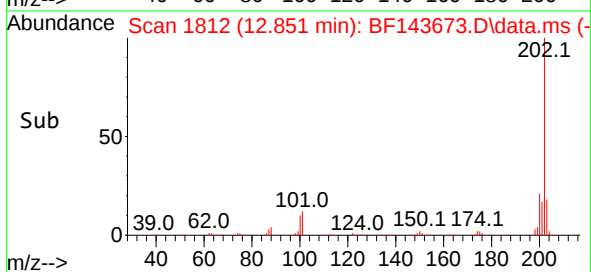
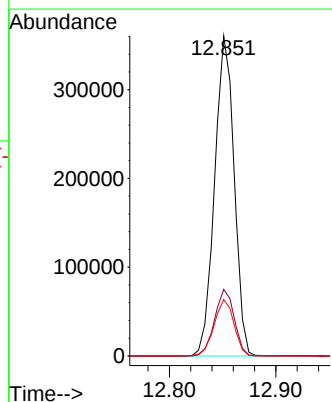
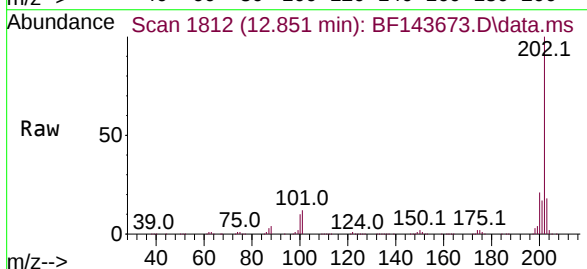
Tgt Ion:202 Resp: 459591

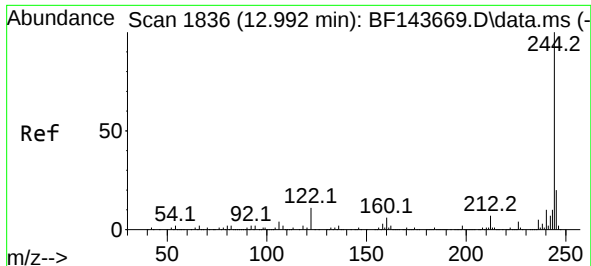
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.6 14.1 21.1

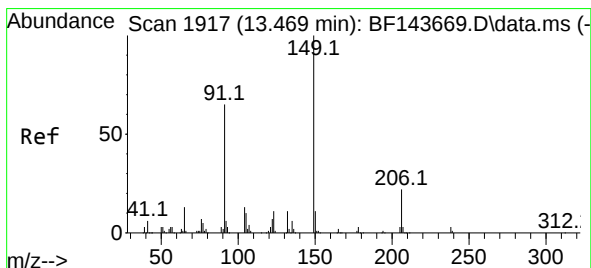
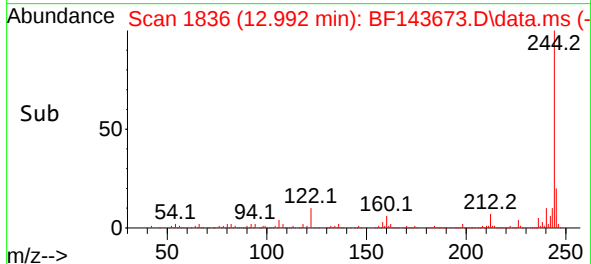
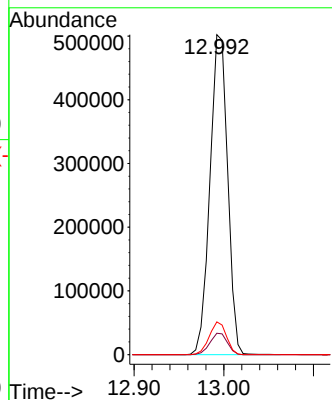
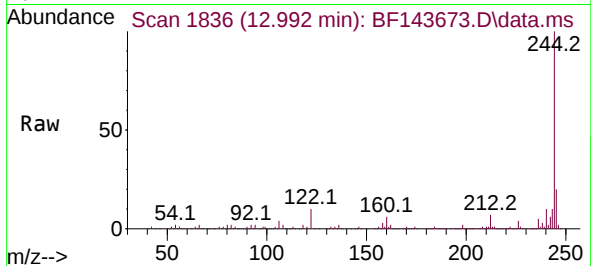




#79
 Terphenyl-d14
 Concen: 81.160 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF143673.D
 Acq: 08 Sep 2025 19:48

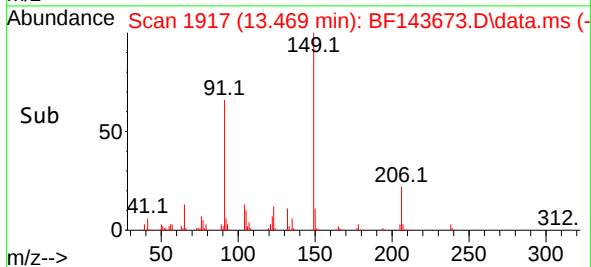
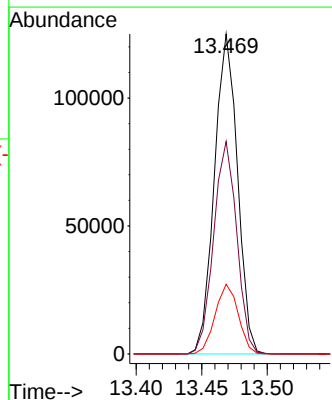
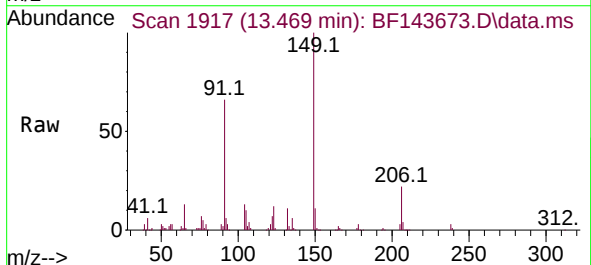
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090925

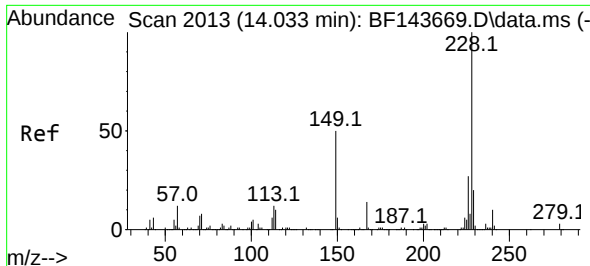
Tgt Ion:	244	Resp:	687746
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.2	7.8
122	10.3	8.4	12.6



#80
 Butylbenzylphthalate
 Concen: 43.636 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF143673.D
 Acq: 08 Sep 2025 19:48

Tgt Ion:	149	Resp:	153622
Ion Ratio	Lower	Upper	
149	100		
91	66.4	52.2	78.4
206	21.8	17.6	26.4

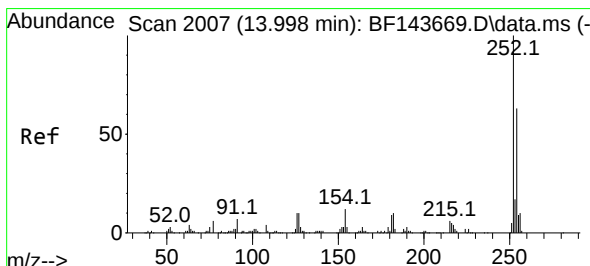
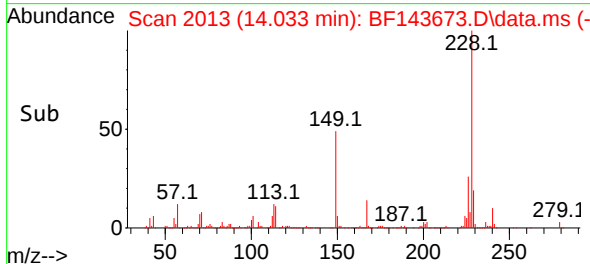
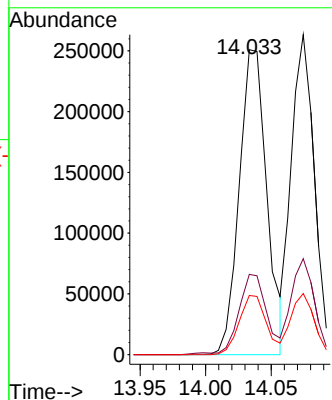
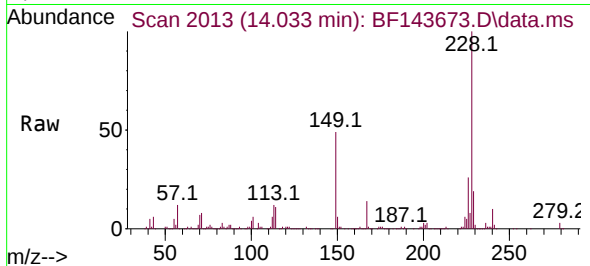




#81
Benzo(a)anthracene
Concen: 41.411 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

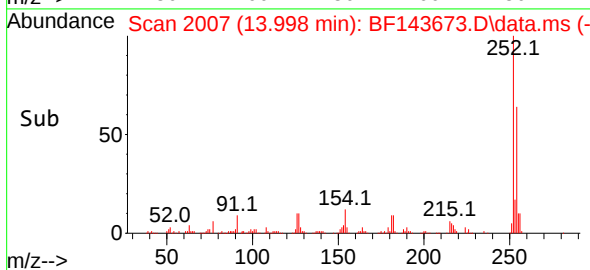
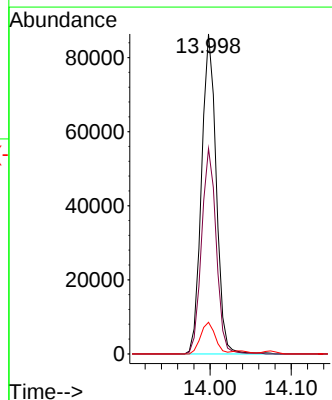
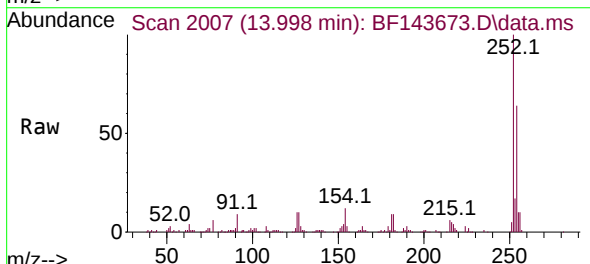
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

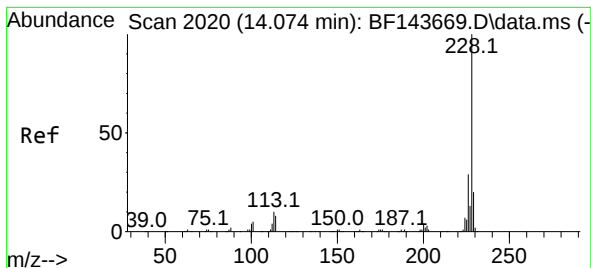
Tgt Ion:228 Resp: 367741
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 43.250 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:252 Resp: 108436
Ion Ratio Lower Upper
252 100
254 64.2 50.5 75.7
126 9.9 8.1 12.1





#83

Chrysene

Concen: 39.928 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

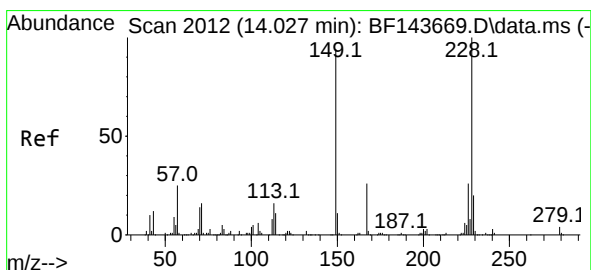
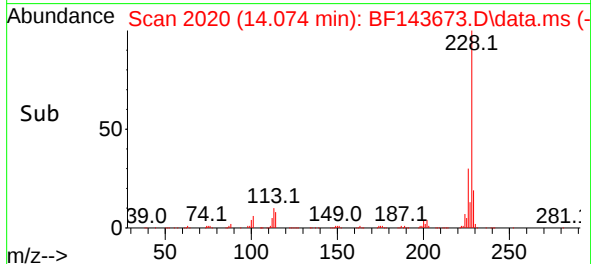
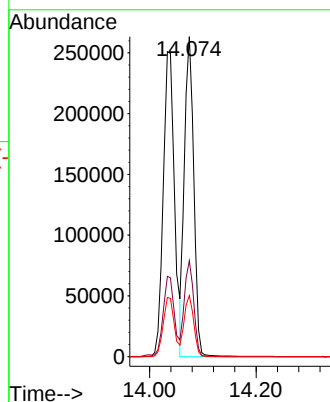
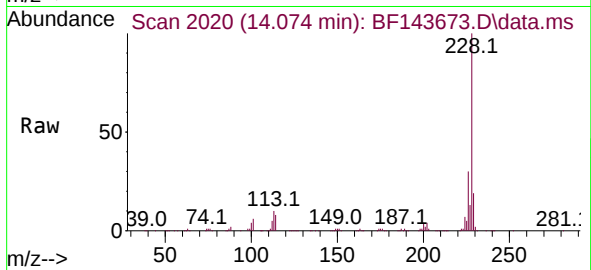
Tgt Ion:228 Resp: 323258

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 19.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.153 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

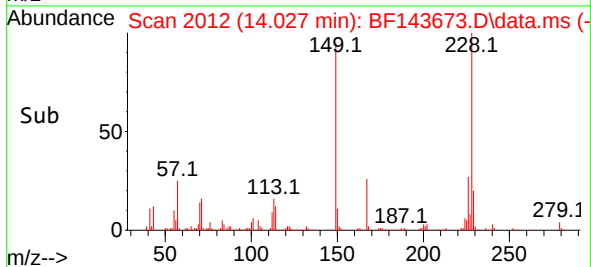
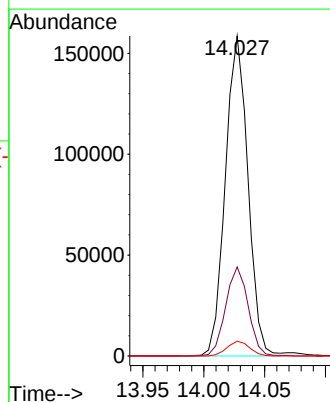
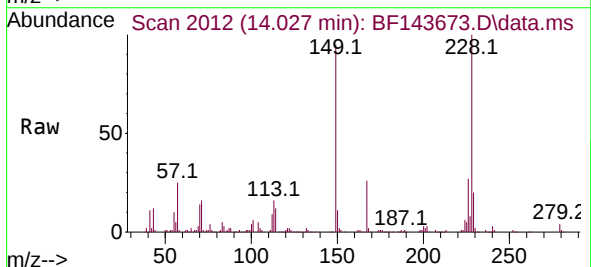
Tgt Ion:149 Resp: 204522

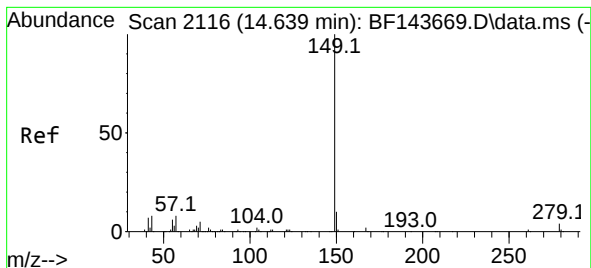
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 4.6 3.7 5.5

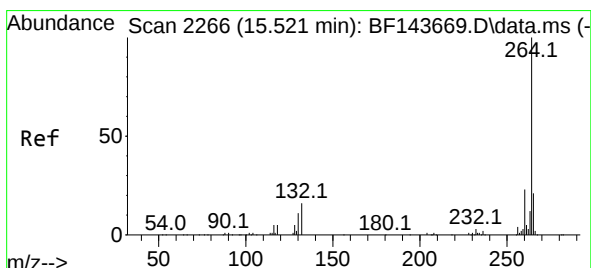
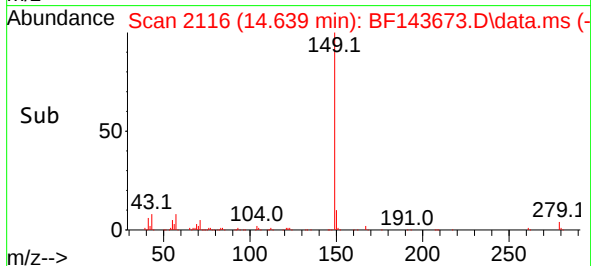
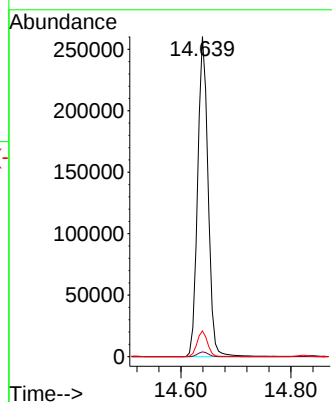
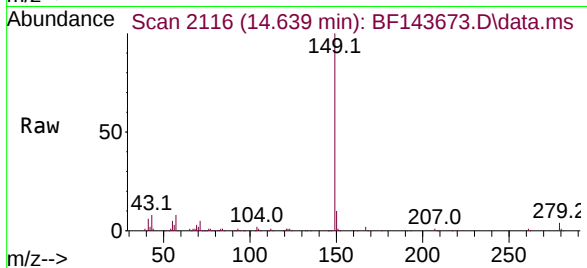




#85
Di-n-octyl phthalate
Concen: 41.480 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

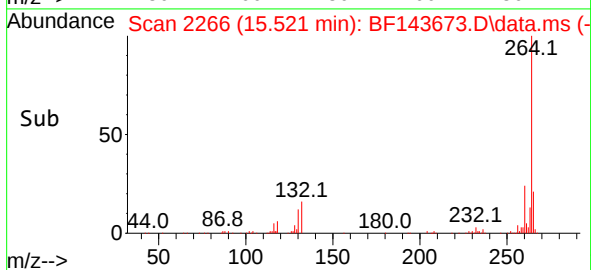
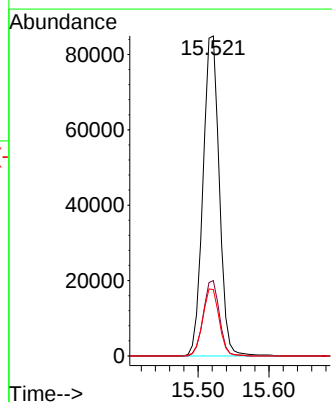
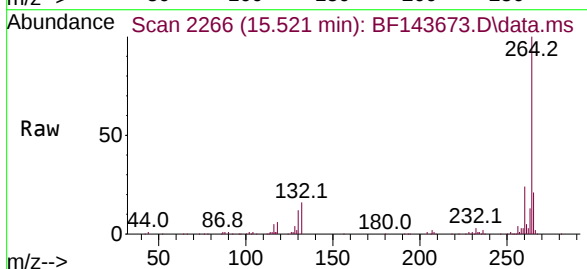
Instrument :
BNA_F
ClientSampleId :
ICVBF090925

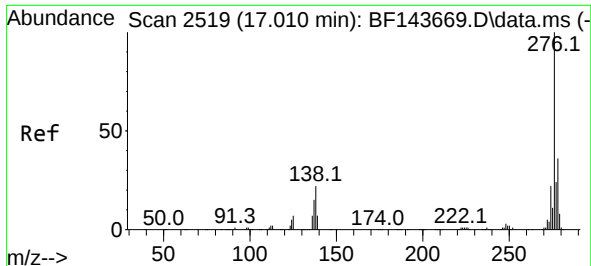
Tgt Ion:149 Resp: 342540
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.1 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:264 Resp: 134541
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 20.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.264 ng

RT: 17.010 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

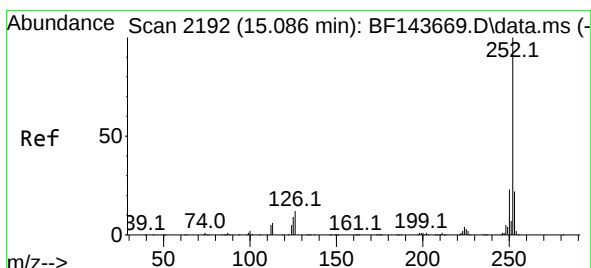
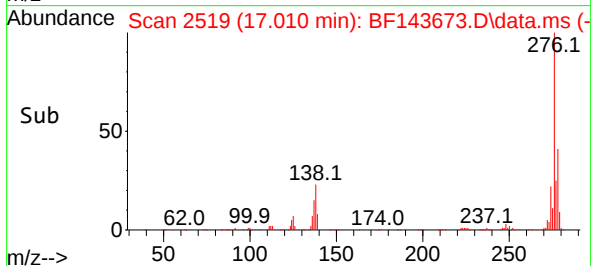
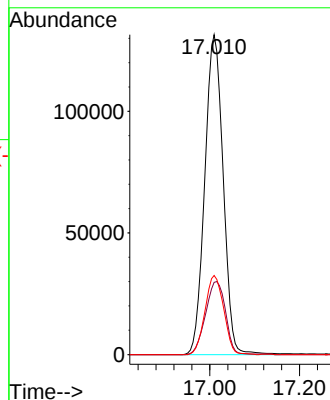
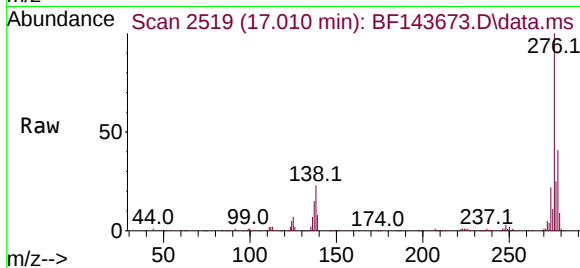
Tgt Ion:276 Resp: 374433

Ion Ratio Lower Upper

276 100

138 24.9 19.5 29.3

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.119 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

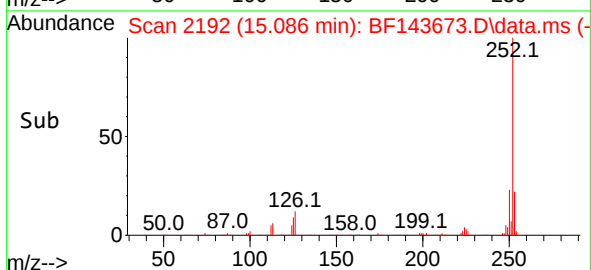
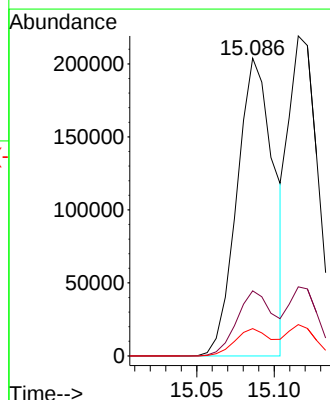
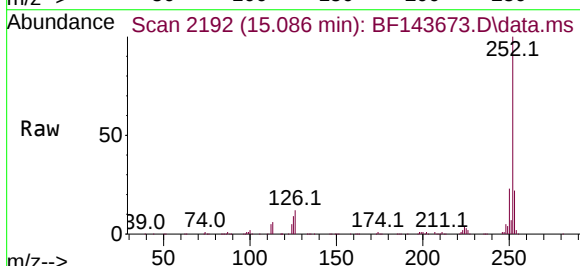
Tgt Ion:252 Resp: 337280

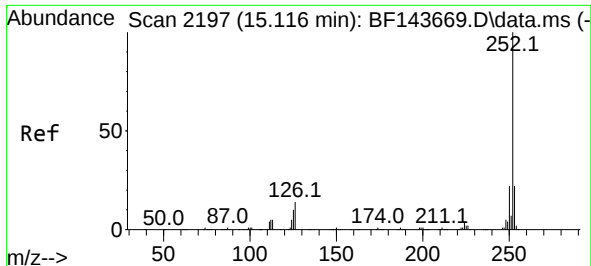
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.187 ng

RT: 15.116 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

Instrument :

BNA_F

ClientSampleId :

ICVBF090925

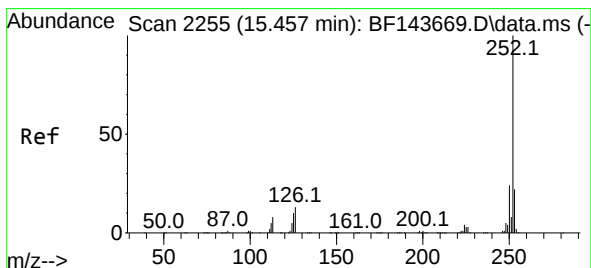
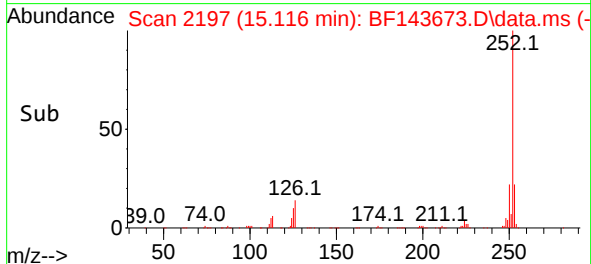
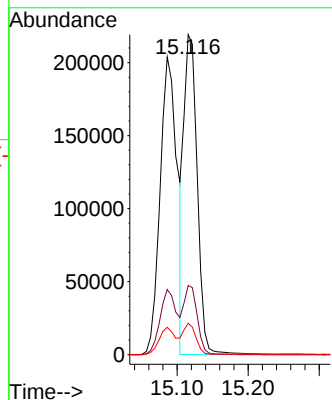
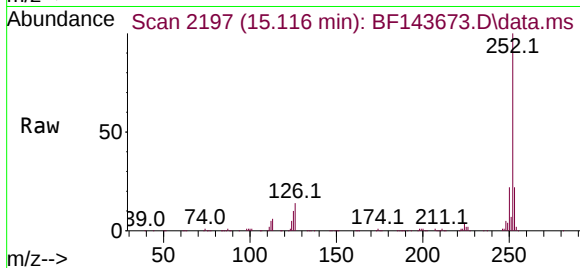
Tgt Ion:252 Resp: 289230

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 8.1 12.1



#90

Benzo(a)pyrene

Concen: 41.175 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF143673.D

Acq: 08 Sep 2025 19:48

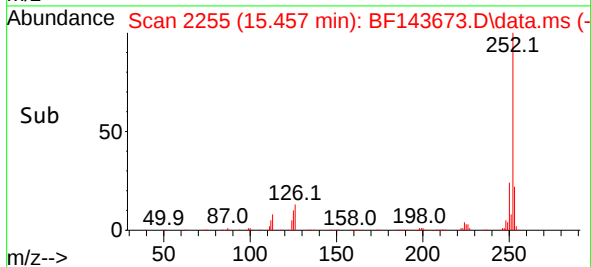
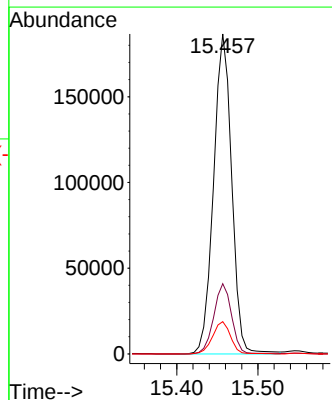
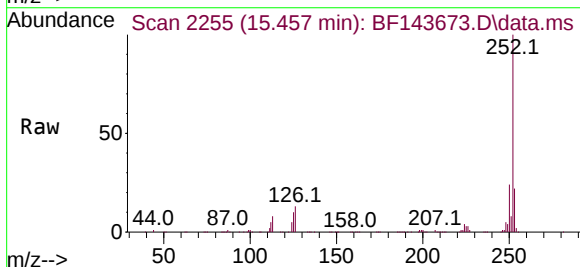
Tgt Ion:252 Resp: 289729

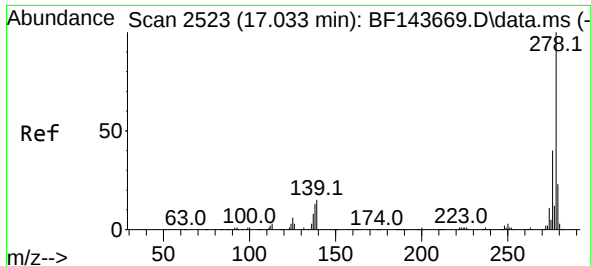
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.1 8.0 12.0

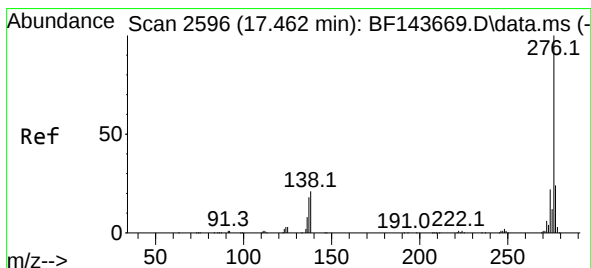
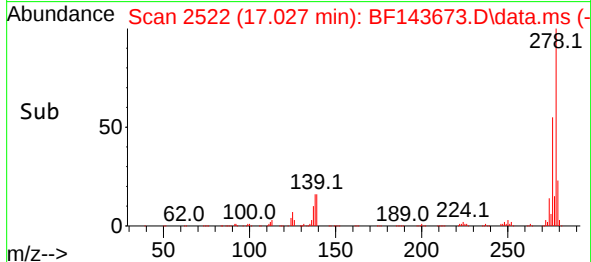
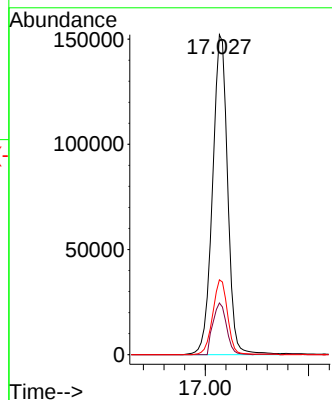
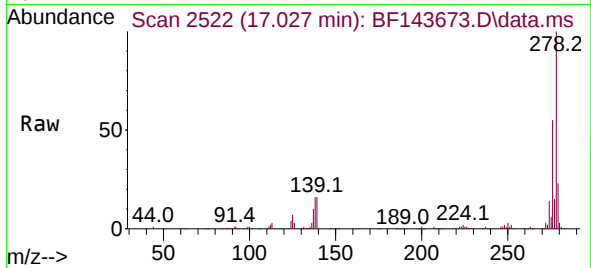




#91
Dibenzo(a,h)anthracene
Concen: 41.017 ng
RT: 17.027 min Scan# 2522
Delta R.T. -0.006 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Instrument :
BNA_F
ClientSampleId :
ICVBF090925

Tgt Ion:278 Resp: 308390
Ion Ratio Lower Upper
278 100
139 16.1 11.8 17.8
279 23.4 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 40.776 ng
RT: 17.462 min Scan# 2596
Delta R.T. -0.000 min
Lab File: BF143673.D
Acq: 08 Sep 2025 19:48

Tgt Ion:276 Resp: 289986
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 20.2 16.6 24.8

