

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143913.D
 Acq On : 09 Oct 2025 17:17
 Operator : RC/JU
 Sample : Q3302-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MS

Quant Time: Oct 09 18:50:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	91642	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	354294	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	193934	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	317040	20.000	ng	0.00
76) Chrysene-d12	14.063	240	209339	20.000	ng	0.00
86) Perylene-d12	15.539	264	268756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	879852	152.462	ng	0.01
7) Phenol-d6	6.510	99	986727	143.446	ng	0.00
23) Nitrobenzene-d5	7.445	82	681239	116.820	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	311405	161.214	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1263361	103.366	ng	-0.01
79) Terphenyl-d14	13.004	244	1235567	100.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	128795	48.229	ng	# 80
3) Pyridine	3.528	79	340852	43.844	ng	97
4) n-Nitrosodimethylamine	3.463	42	217176	53.104	ng	95
6) Aniline	6.545	93	237917	23.082	ng	97
8) 2-Chlorophenol	6.669	128	302725	53.664	ng	98
9) Benzaldehyde	6.434	77	89528	16.872	ng	99
10) Phenol	6.522	94	393703	47.874	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	323674	50.951	ng	98
12) 1,3-Dichlorobenzene	6.822	146	328914	48.710	ng	99
13) 1,4-Dichlorobenzene	6.898	146	337006	50.596	ng	100
14) 1,2-Dichlorobenzene	7.051	146	322504	50.550	ng	100
15) Benzyl Alcohol	7.022	79	297223	57.669	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	742214	51.328	ng	100
17) 2-Methylphenol	7.134	107	250048	53.635	ng	98
18) Hexachloroethane	7.398	117	107670	48.471	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	238095	50.567	ng	98
20) 3+4-Methylphenols	7.281	107	291532	53.955	ng	89
22) Acetophenone	7.293	105	422920	56.455	ng	99
24) Nitrobenzene	7.463	77	343990	53.118	ng	97
25) Isophorone	7.704	82	641647	52.183	ng	99
26) 2-Nitrophenol	7.781	139	163585	58.919	ng	99
27) 2,4-Dimethylphenol	7.810	122	293836	58.832	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	405854	52.252	ng	99
29) 2,4-Dichlorophenol	8.016	162	278036	53.444	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	275166	53.780	ng	99
31) Naphthalene	8.187	128	827230	51.328	ng	100
32) Benzoic acid	7.928	122	232440	67.246	ng	98
33) 4-Chloroaniline	8.234	127	120182	19.883	ng	97
34) Hexachlorobutadiene	8.304	225	174699	49.136	ng	96
35) Caprolactam	8.598	113	84158	50.877	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	263177	52.664	ng	99
37) 2-Methylnaphthalene	8.875	142	518551	48.302	ng	100
38) 1-Methylnaphthalene	8.975	142	522394	50.166	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	301548	56.258	ng	98
41) Hexachlorocyclopentadiene	9.034	237	292149	131.381	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	213529	54.522	ng	97

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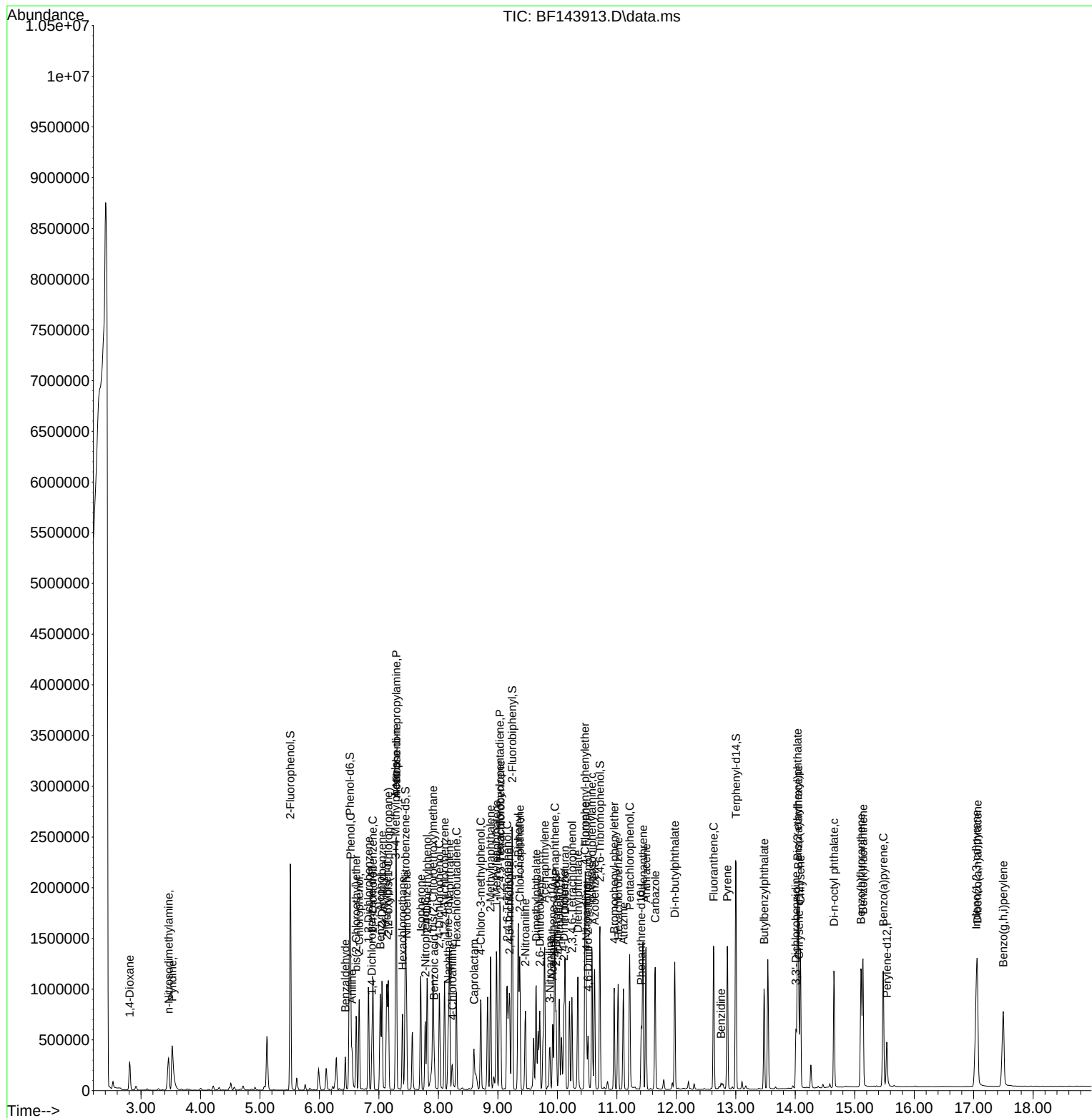
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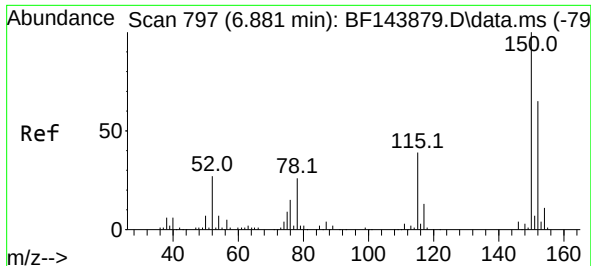
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220251	53.218	ng	99
46) 1,1'-Biphenyl	9.345	154	739181	57.568	ng	99
47) 2-Chloronaphthalene	9.369	162	560912	52.394	ng	98
48) 2-Nitroaniline	9.463	65	192929	57.001	ng	96
49) Acenaphthylene	9.786	152	892467	59.298	ng	99
50) Dimethylphthalate	9.645	163	649021	52.699	ng	100
51) 2,6-Dinitrotoluene	9.704	165	143619	62.889	ng	94
52) Acenaphthene	9.957	154	556443	56.423	ng	99
53) 3-Nitroaniline	9.875	138	92061	32.923	ng	97
54) 2,4-Dinitrophenol	9.981	184	146580	101.969	ng	95
55) Dibenzofuran	10.128	168	722794	51.920	ng	99
56) 4-Nitrophenol	10.034	139	208253	98.361	ng	99
57) 2,4-Dinitrotoluene	10.110	165	185900	59.828	ng	99
58) Fluorene	10.475	166	545988	51.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	164409	56.118	ng	98
60) Diethylphthalate	10.345	149	595285	52.029	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	284889	51.297	ng	97
62) 4-Nitroaniline	10.486	138	133656	49.705	ng	95
63) Azobenzene	10.628	77	625864	52.340	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	100430	63.036	ng	98
66) n-Nitrosodiphenylamine	10.581	169	546647	54.913	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	186635	53.267	ng	98
68) Hexachlorobenzene	11.022	284	222202	54.779	ng	96
69) Atrazine	11.110	200	159544	52.878	ng	99
70) Pentachlorophenol	11.216	266	245543	105.397	ng	98
71) Phenanthrene	11.439	178	804259	52.326	ng	99
72) Anthracene	11.492	178	819917	52.804	ng	99
73) Carbazole	11.645	167	717055	52.141	ng	100
74) Di-n-butylphthalate	11.975	149	880976	55.274	ng	100
75) Fluoranthene	12.627	202	835937	52.653	ng	99
77) Benzidine	12.751	184	38401	5.283	ng	# 93
78) Pyrene	12.857	202	842759	48.289	ng	99
80) Butylbenzylphthalate	13.474	149	315493	55.663	ng	97
81) Benzo(a)anthracene	14.051	228	748494	54.638	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	192788	46.179	ng	# 99
83) Chrysene	14.086	228	695890	54.885	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	422067	61.774	ng	99
85) Di-n-octyl phthalate	14.651	149	747630	66.623	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	945058	57.388	ng	99
88) Benzo(b)fluoranthene	15.104	252	805581	52.181	ng	99
89) Benzo(k)fluoranthene	15.139	252	744867	52.142	ng	99
90) Benzo(a)pyrene	15.480	252	762340	56.949	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	760367	57.410	ng	99
92) Benzo(g,h,i)perylene	17.498	276	752881	56.845	ng	99

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

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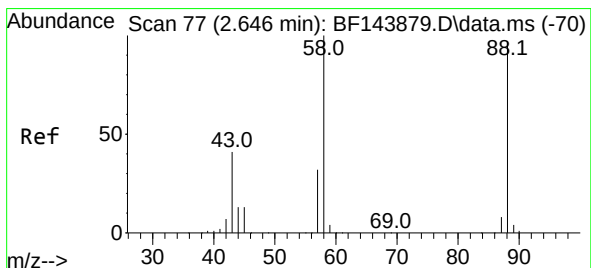
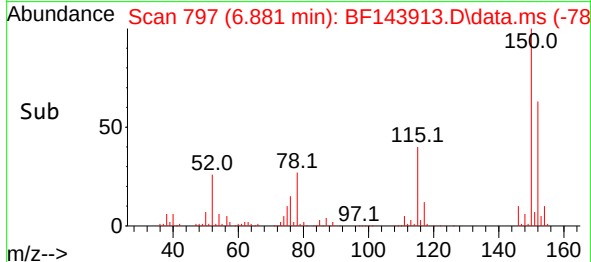
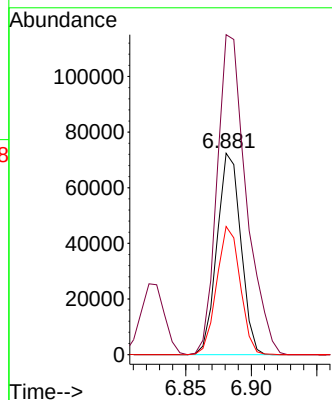
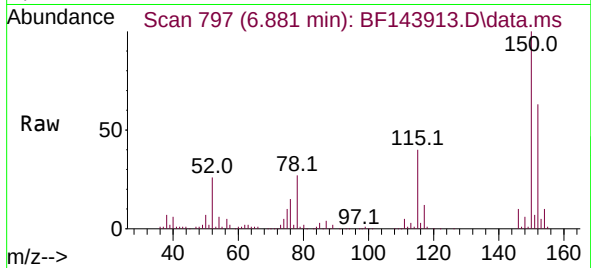




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

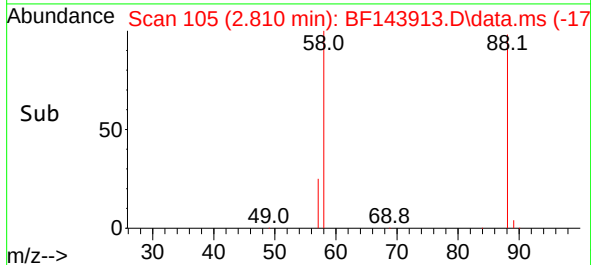
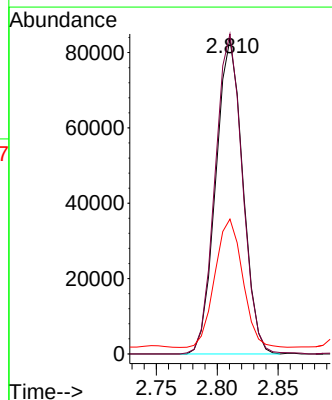
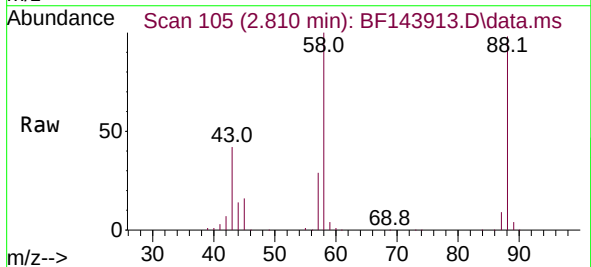
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ClientSampleId :
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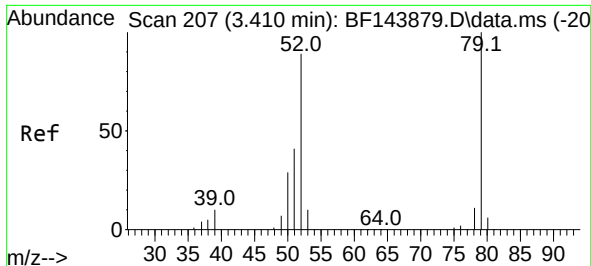
Tgt Ion:152 Resp: 91642
Ion Ratio Lower Upper
152 100
150 158.9 124.4 186.6
115 63.6 48.1 72.1



#2
1,4-Dioxane
Concen: 48.229 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.165 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion: 88 Resp: 128795
Ion Ratio Lower Upper
88 100
58 102.9 83.0 124.6
43 0.0 33.9 50.9

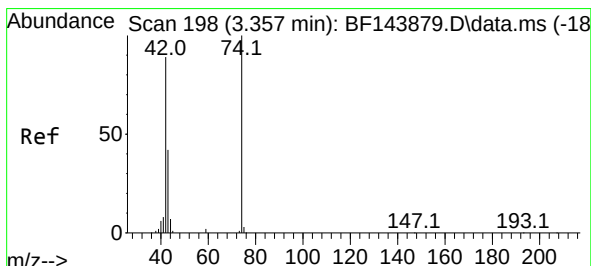
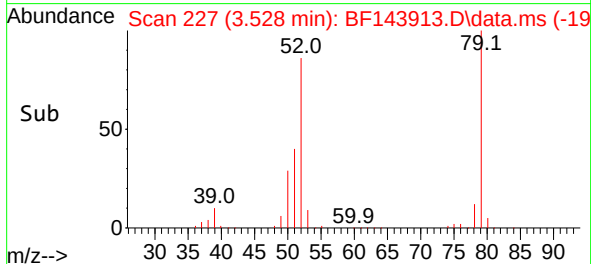
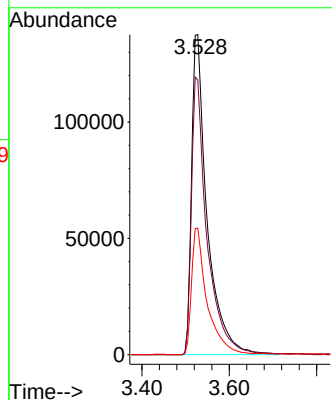
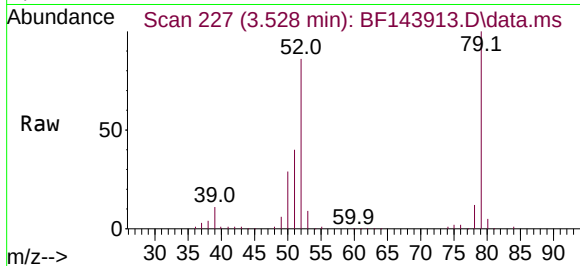




#3
Pyridine
Concen: 43.844 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

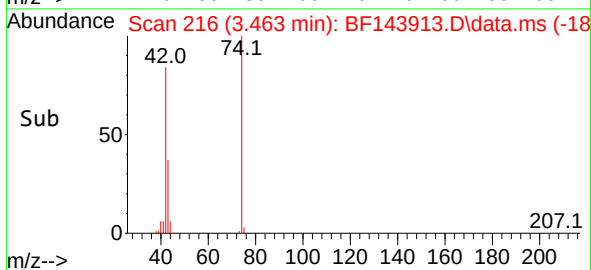
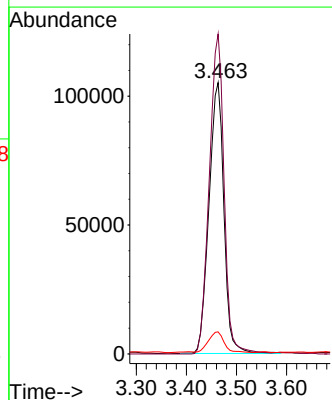
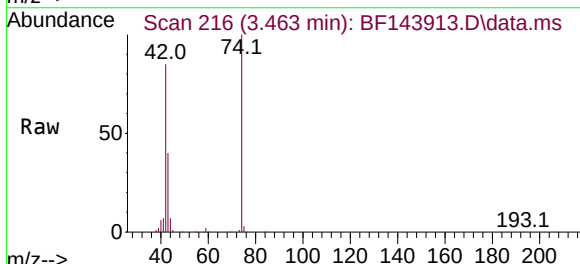
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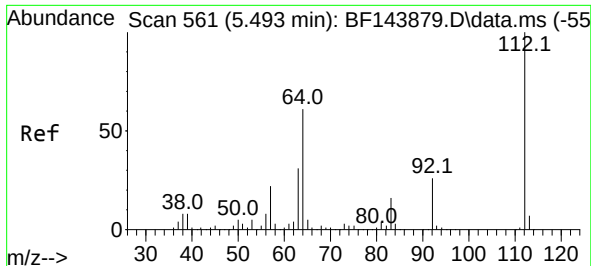
Tgt Ion: 79 Resp: 340852
Ion Ratio Lower Upper
79 100
52 85.9 71.5 107.3
51 39.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 53.104 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.077 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion: 42 Resp: 217176
Ion Ratio Lower Upper
42 100
74 118.0 90.0 135.0
44 8.1 6.2 9.2

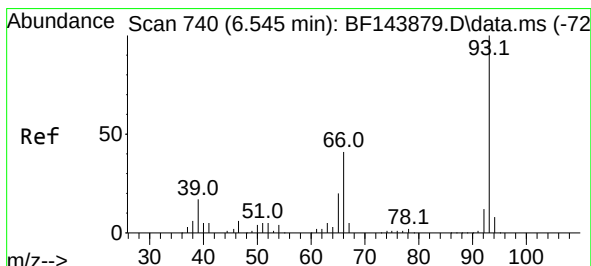
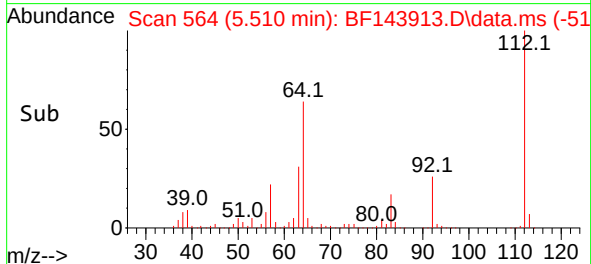
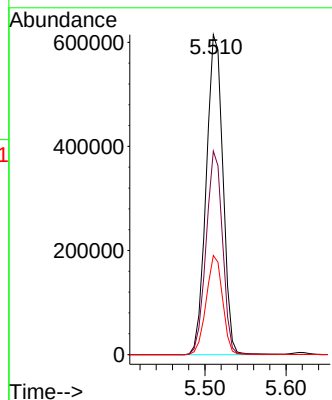
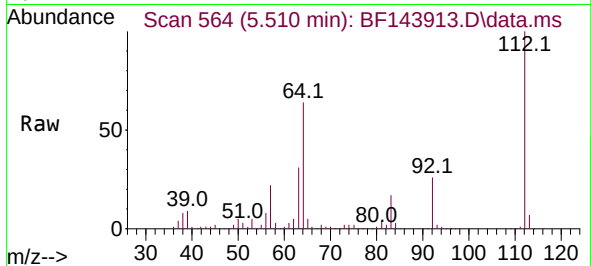




#5
2-Fluorophenol
Concen: 152.462 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

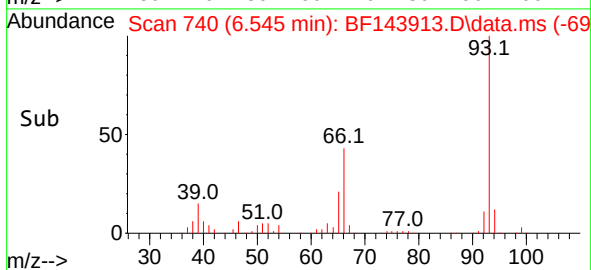
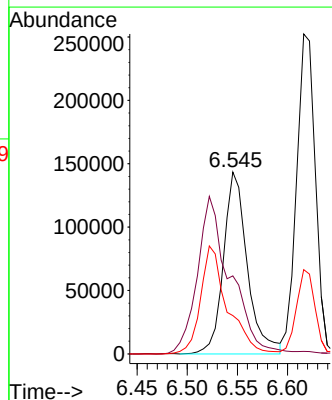
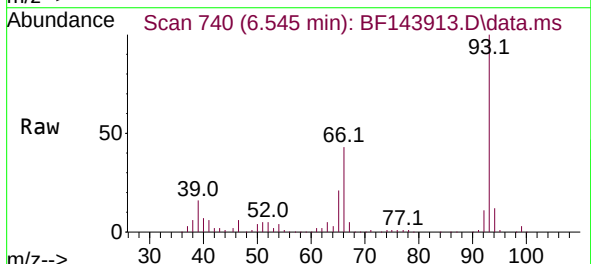
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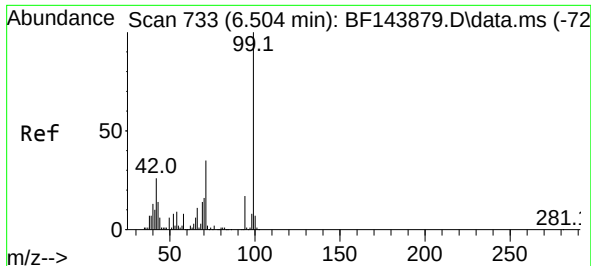
Tgt Ion:112 Resp: 879852
Ion Ratio Lower Upper
112 100
64 63.6 49.1 73.7
63 31.0 24.5 36.7



#6
Aniline
Concen: 23.082 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion: 93 Resp: 237917
Ion Ratio Lower Upper
93 100
66 42.9 33.0 49.6
65 21.1 15.8 23.8

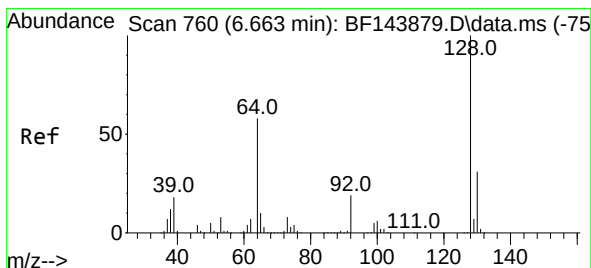
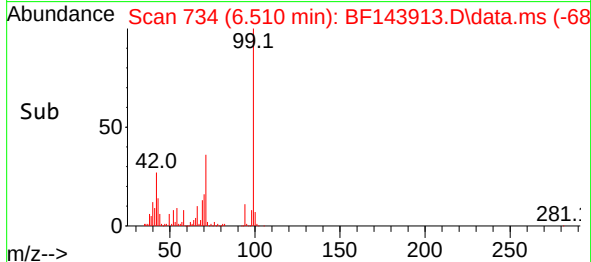
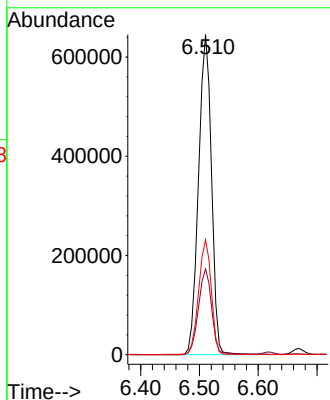
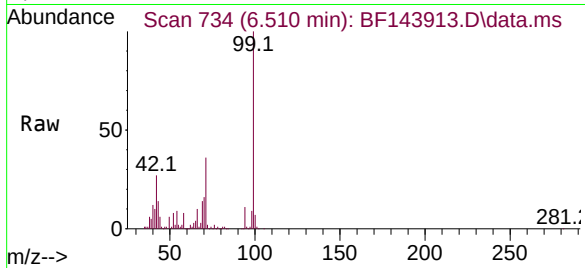




#7
Phenol-d6
Concen: 143.446 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

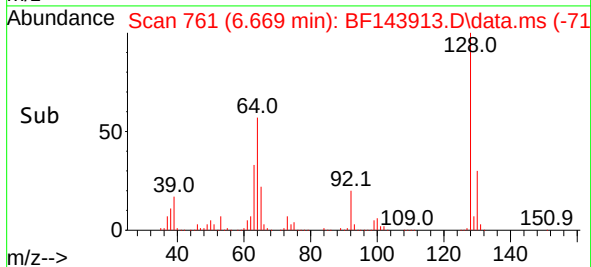
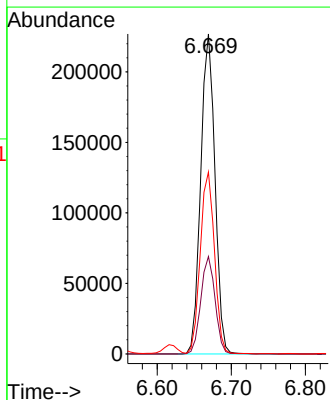
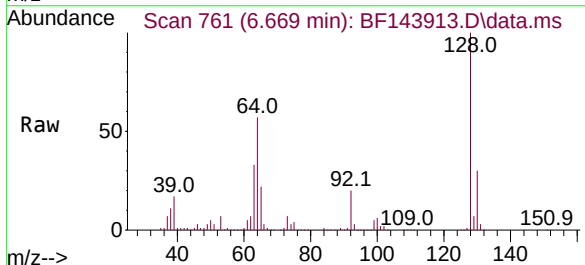
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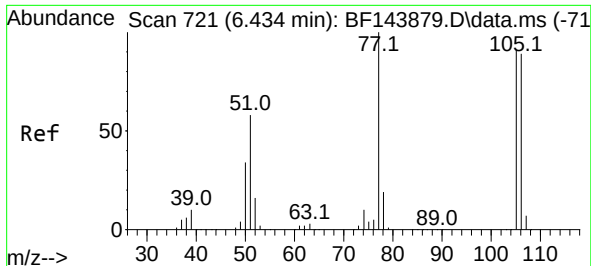
Tgt Ion: 99 Resp: 986727
Ion Ratio Lower Upper
99 100
42 26.8 21.0 31.4
71 35.9 27.8 41.8



#8
2-Chlorophenol
Concen: 53.664 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143913.D
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Tgt Ion: 128 Resp: 302725
Ion Ratio Lower Upper
128 100
130 30.4 10.7 50.7
64 56.8 39.0 79.0

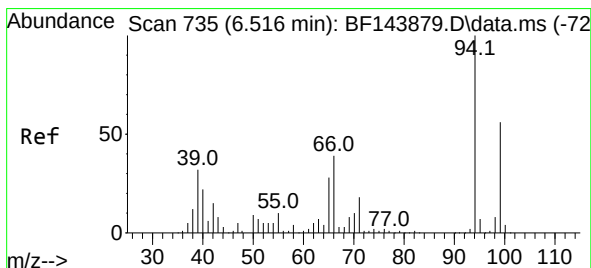
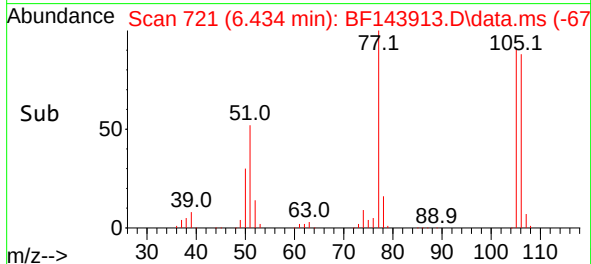
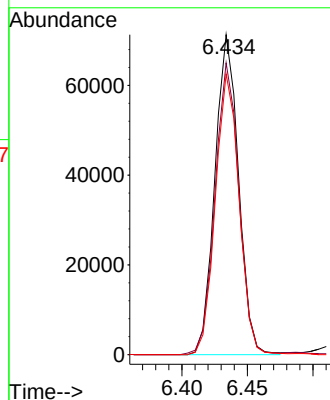
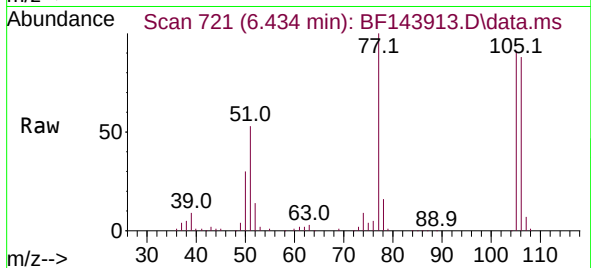




#9
Benzaldehyde
Concen: 16.872 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143913.D
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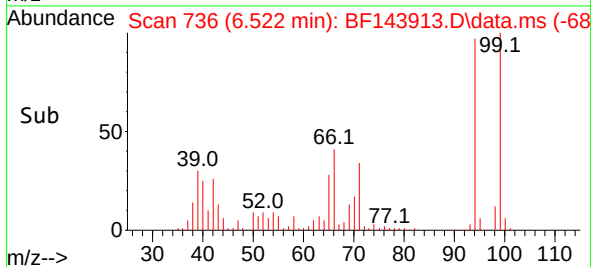
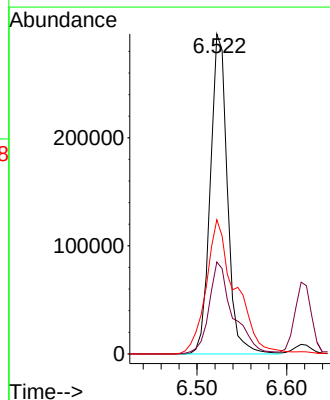
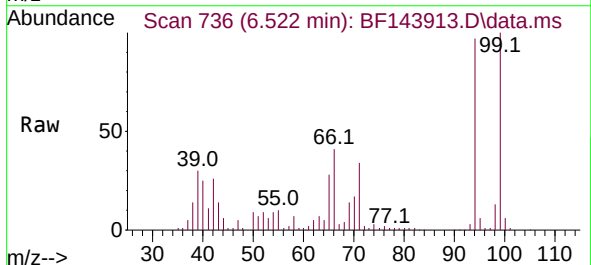
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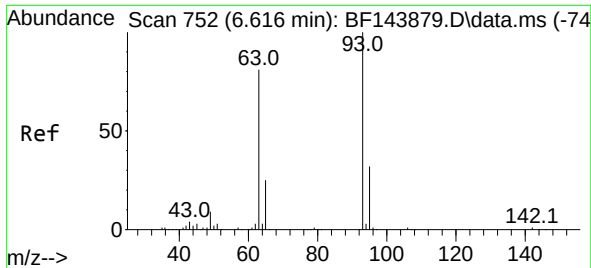
Tgt Ion: 77 Resp: 89528
Ion Ratio Lower Upper
77 100
105 91.2 70.9 110.9
106 87.7 68.9 108.9



#10
Phenol
Concen: 47.874 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143913.D
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Tgt Ion: 94 Resp: 393703
Ion Ratio Lower Upper
94 100
65 28.7 8.5 48.5
66 41.9 19.9 59.9

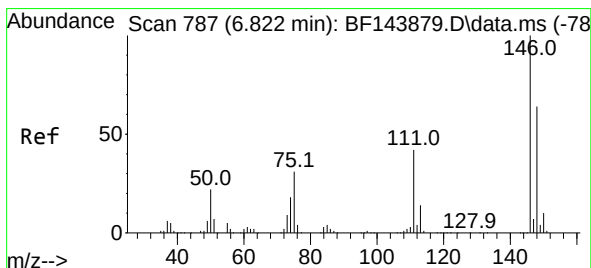
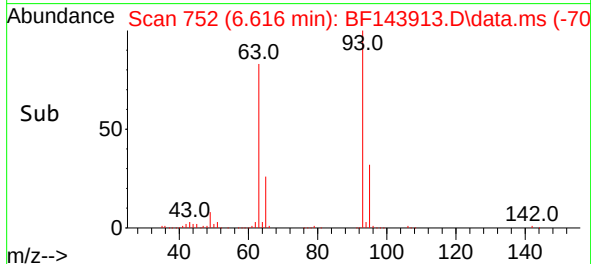
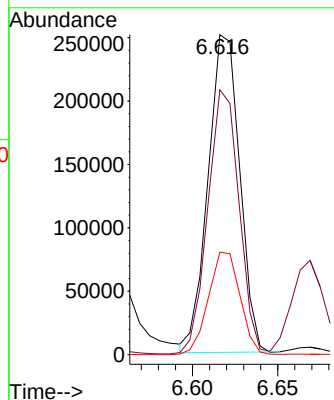
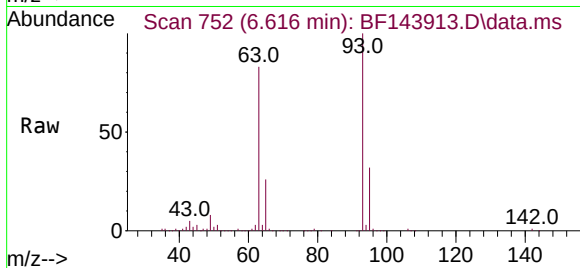




#11
bis(2-Chloroethyl)ether
Concen: 50.951 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

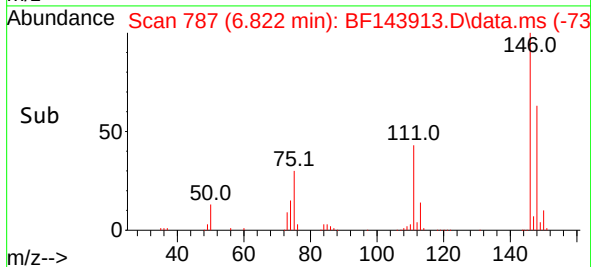
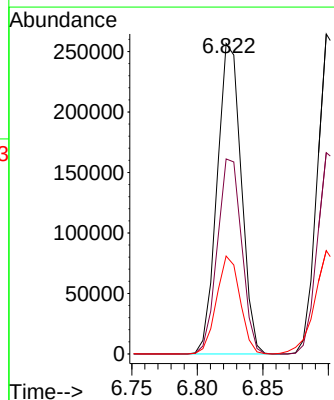
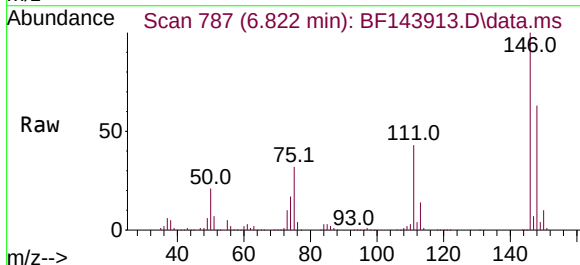
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

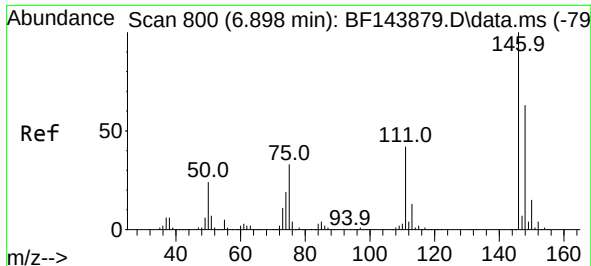
Tgt Ion:	93	Resp:	323674
Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.9	100.9
95	32.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 48.710 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:	146	Resp:	328914
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.4
75	31.5	24.9	37.3

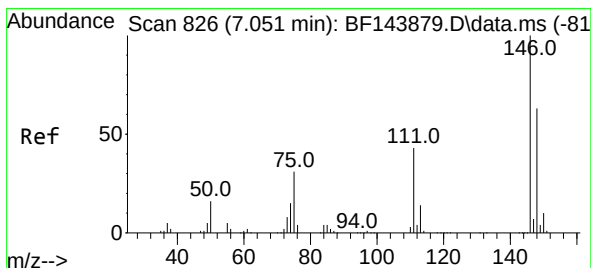
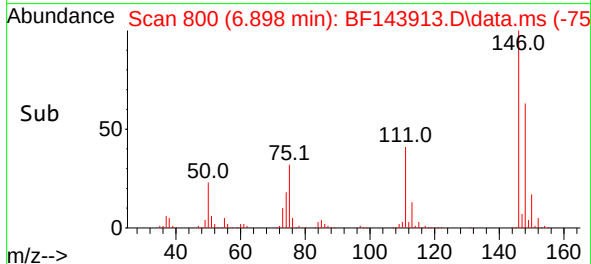
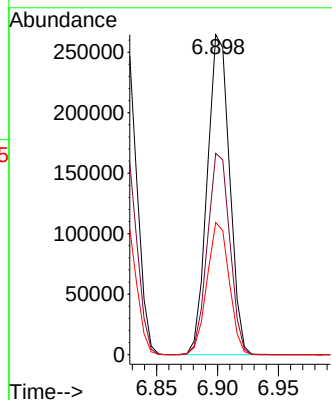
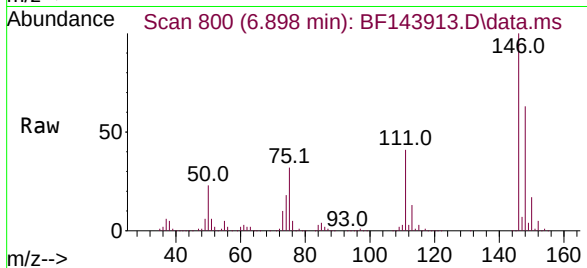




#13
1,4-Dichlorobenzene
Concen: 50.596 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

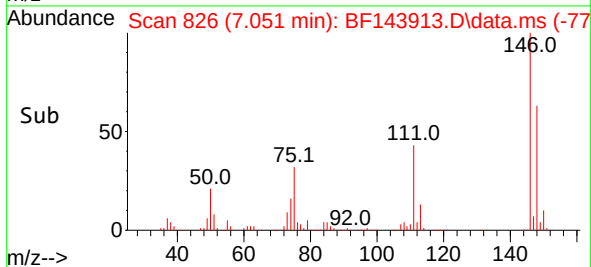
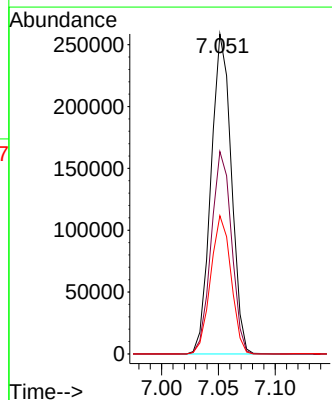
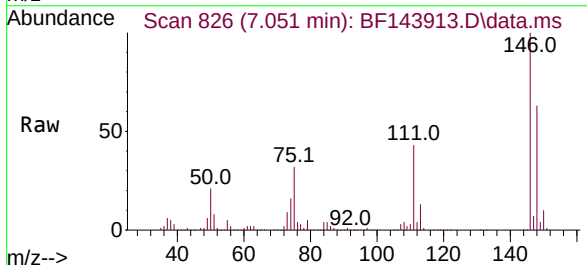
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

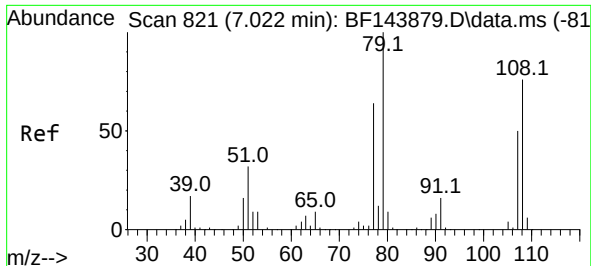
Tgt Ion:146 Resp: 337006
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
111 41.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 50.550 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

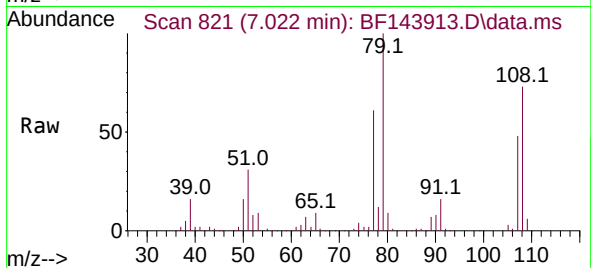
Tgt Ion:146 Resp: 322504
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 43.2 34.6 51.8



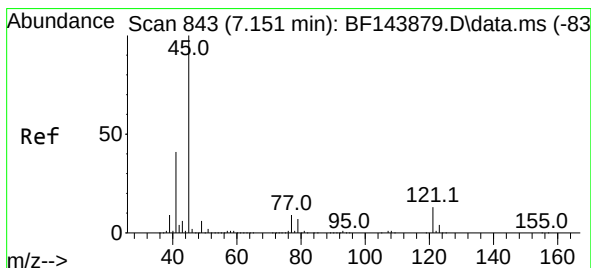
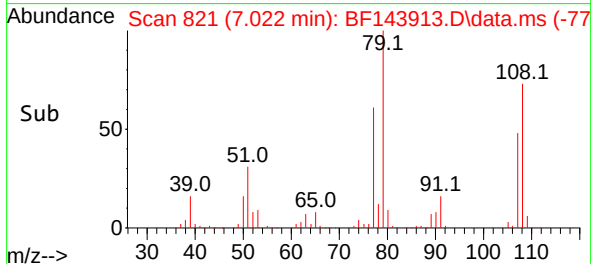
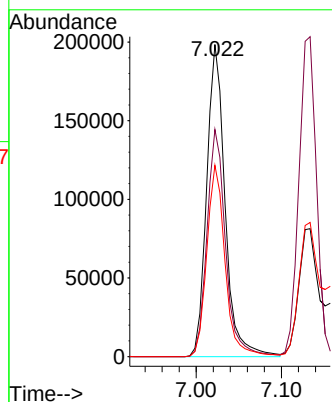


#15
Benzyl Alcohol
Concen: 57.669 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

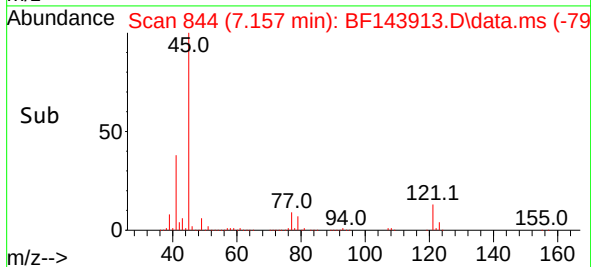
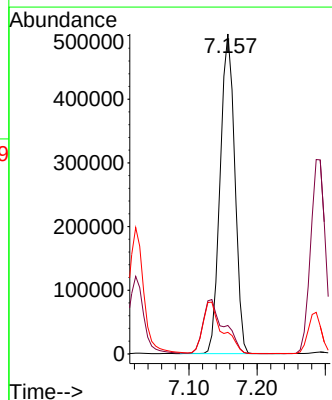
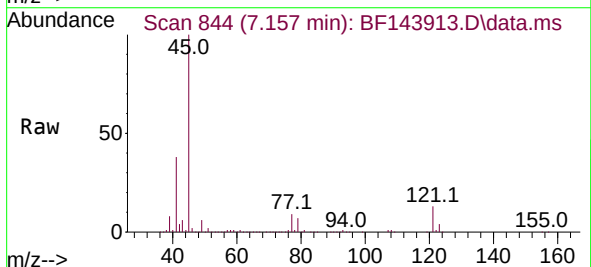


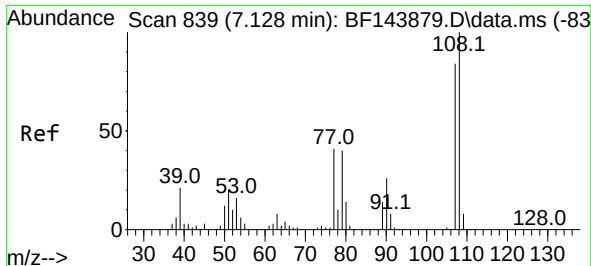
Tgt Ion: 79 Resp: 297223
Ion Ratio Lower Upper
79 100
108 72.8 60.8 91.2
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 51.328 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

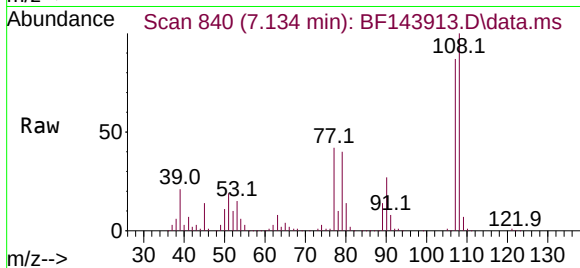
Tgt Ion: 45 Resp: 742214
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 6.7 0.0 26.8



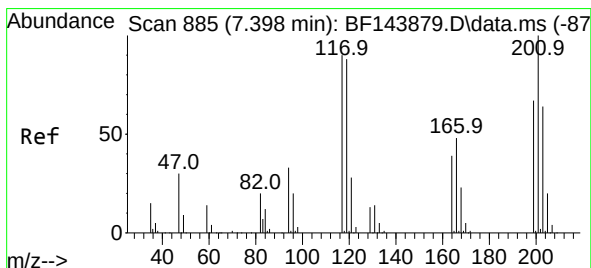
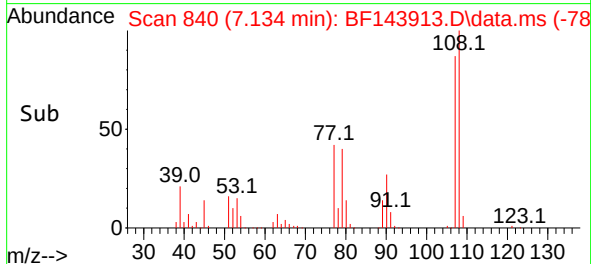
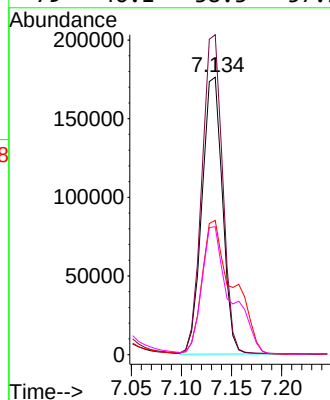


#17
2-Methylphenol
Concen: 53.635 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

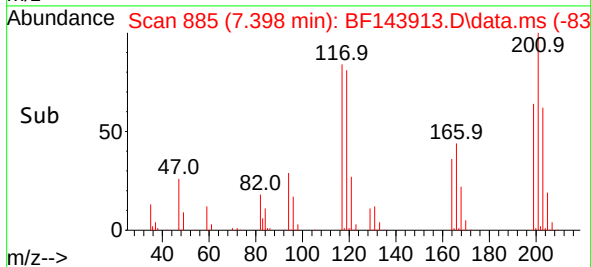
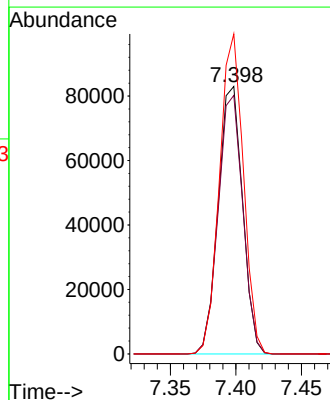
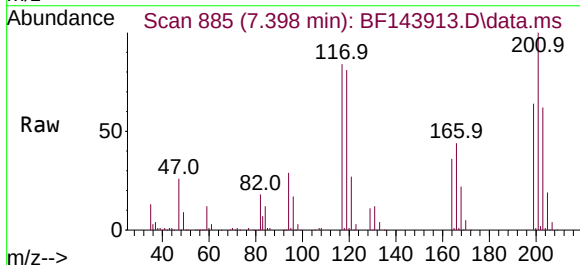


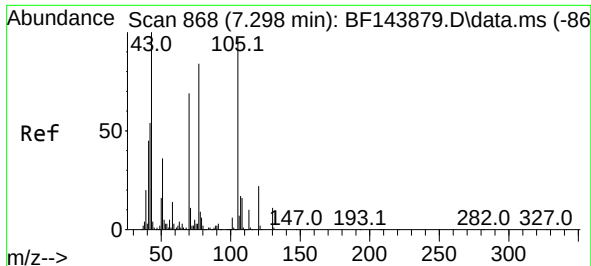
Tgt Ion:	107	Resp:	250048
Ion	Ratio	Lower	Upper
107	100		
108	115.4	94.7	142.1
77	48.4	38.8	58.2
79	46.1	38.3	57.5



#18
Hexachloroethane
Concen: 48.471 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:	117	Resp:	107670
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.8
201	119.7	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 50.567 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

Tgt Ion: 70 Resp: 238095

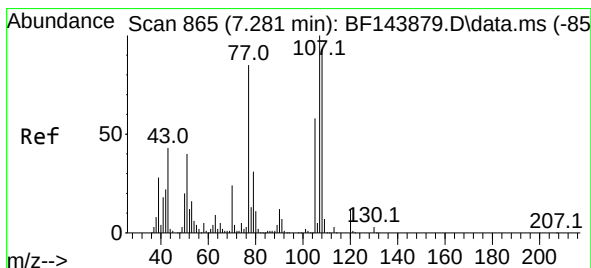
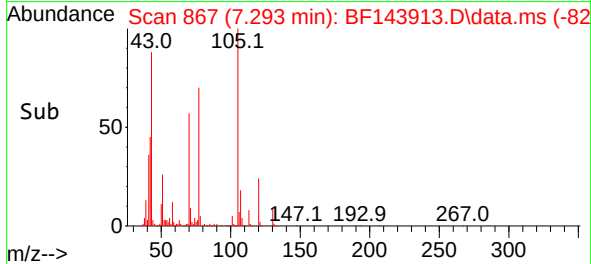
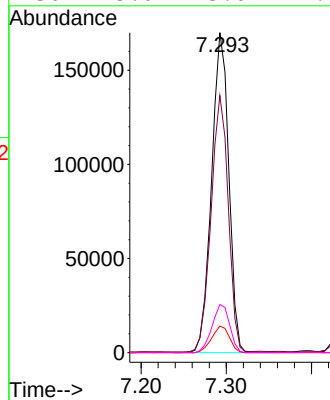
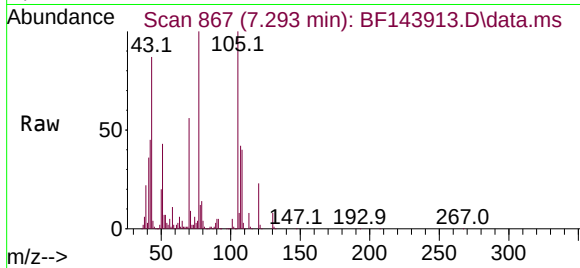
Ion Ratio Lower Upper

70 100

42 80.3 62.8 94.2

101 8.3 6.7 10.1

130 15.0 13.0 19.4



#20

3+4-Methylphenols

Concen: 53.955 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Tgt Ion: 107 Resp: 291532

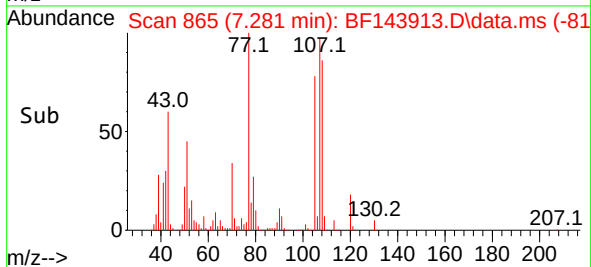
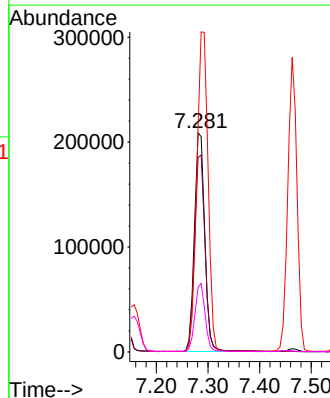
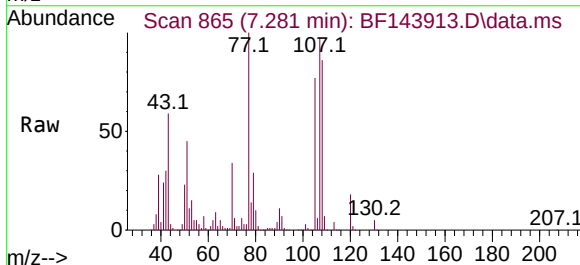
Ion Ratio Lower Upper

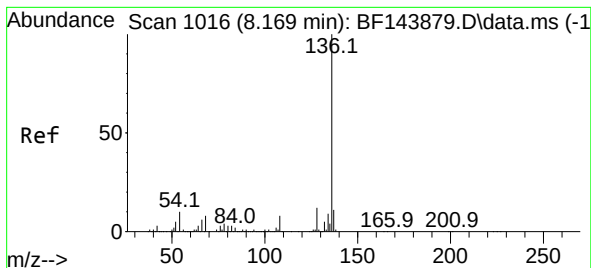
107 100

108 88.8 73.0 113.0

77 103.0 64.6 104.6

79 29.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

Tgt Ion:136 Resp: 354294

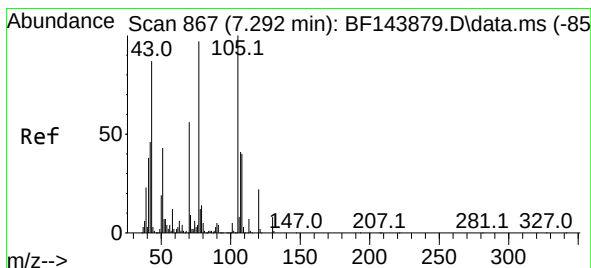
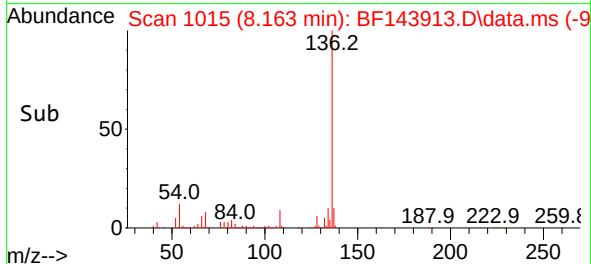
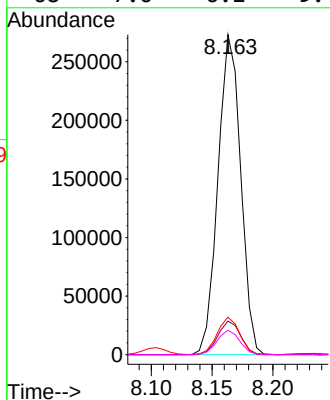
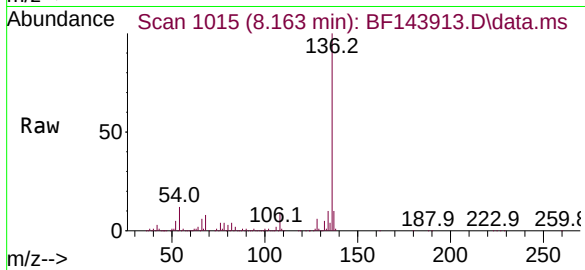
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 11.7 8.2 12.4

68 7.6 6.2 9.4



#22

Acetophenone

Concen: 56.455 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Tgt Ion:105 Resp: 422920

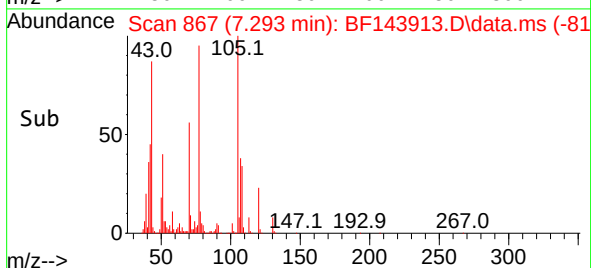
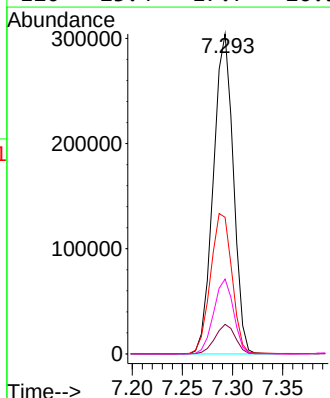
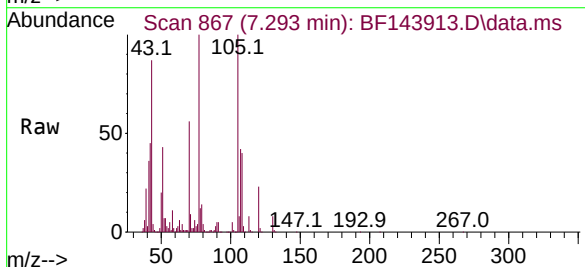
Ion Ratio Lower Upper

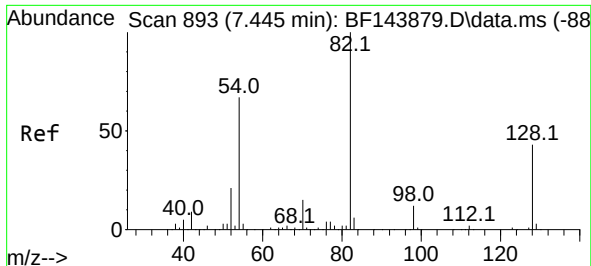
105 100

71 9.2 7.4 11.0

51 42.7 34.2 51.4

120 23.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 116.820 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

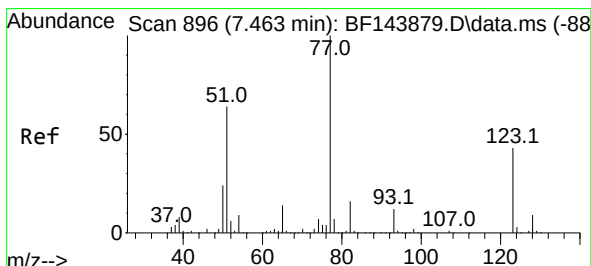
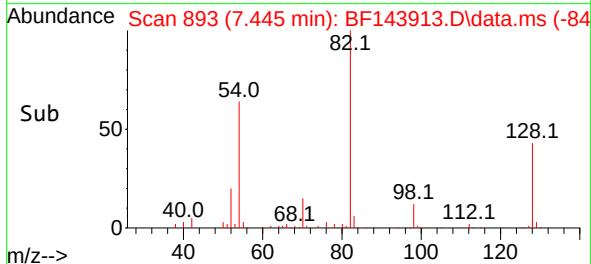
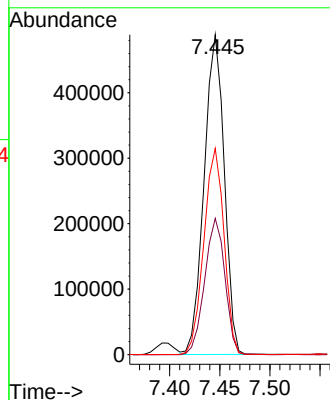
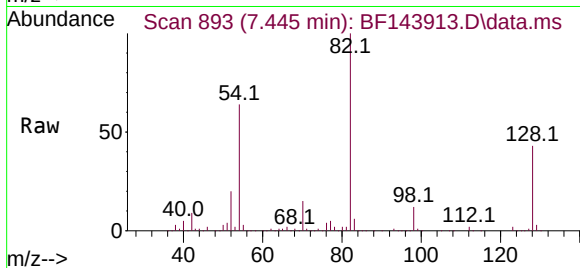
Tgt Ion: 82 Resp: 681239

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

54 64.4 53.2 79.8



#24

Nitrobenzene

Concen: 53.118 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

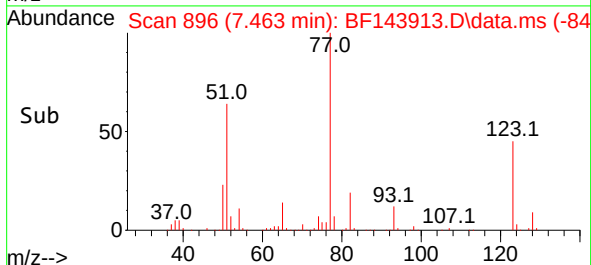
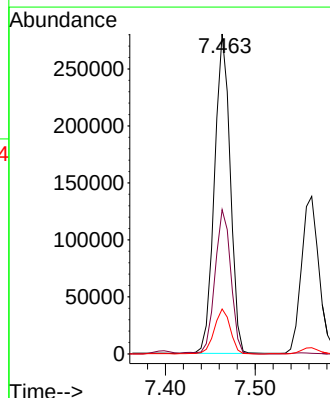
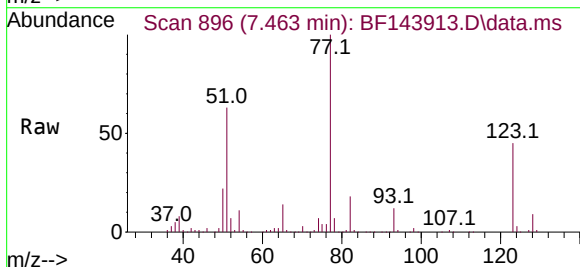
Tgt Ion: 77 Resp: 343990

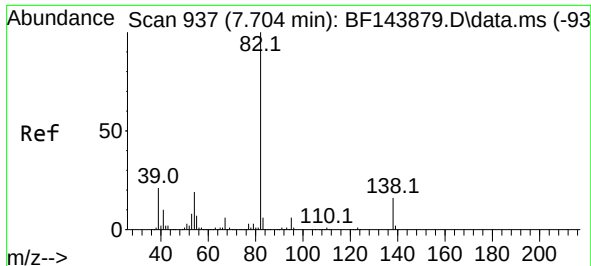
Ion Ratio Lower Upper

77 100

123 45.1 34.2 51.4

65 14.0 11.0 16.6

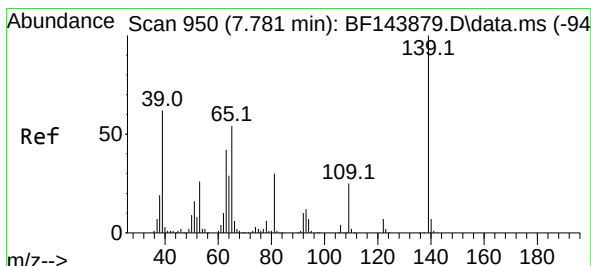
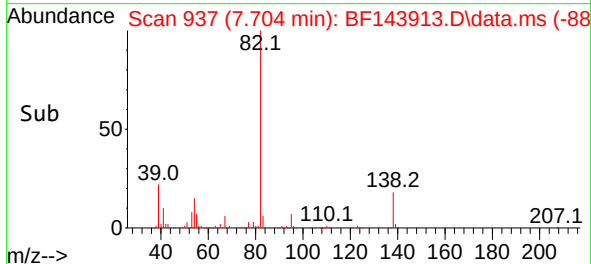
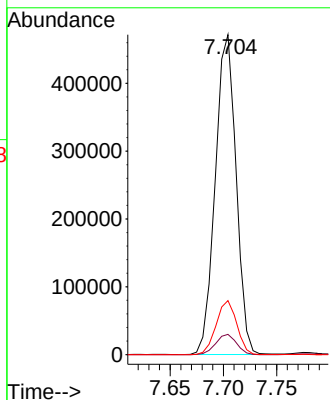
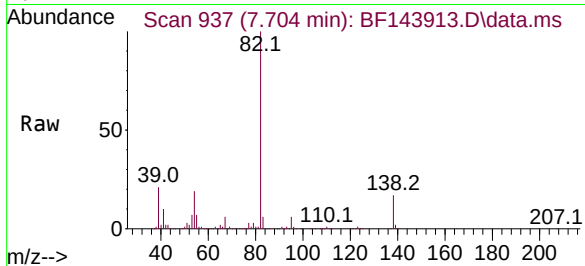




#25
Isophorone
Concen: 52.183 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.017 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

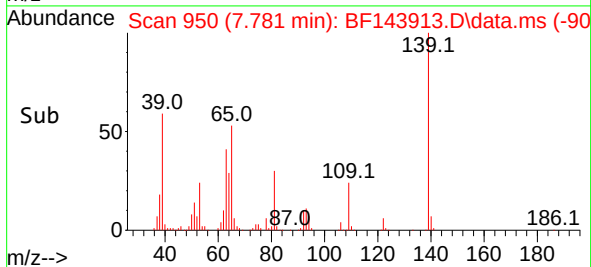
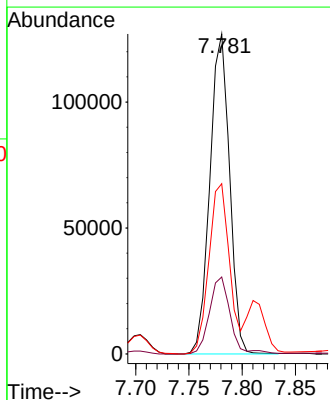
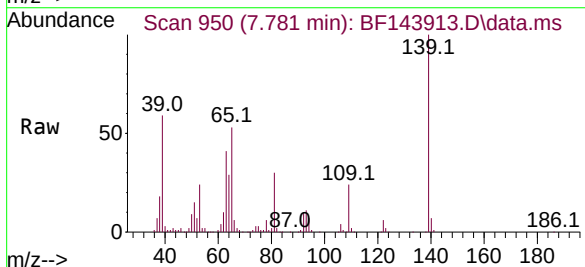
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

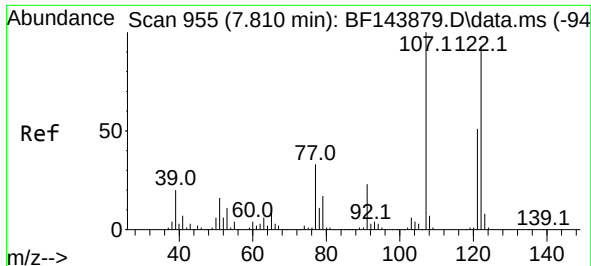
Tgt Ion: 82 Resp: 641647
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.9 12.9 19.3



#26
2-Nitrophenol
Concen: 58.919 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion: 139 Resp: 163585
Ion Ratio Lower Upper
139 100
109 24.0 19.8 29.6
65 53.2 42.9 64.3

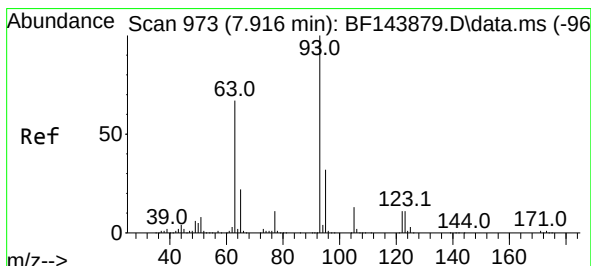
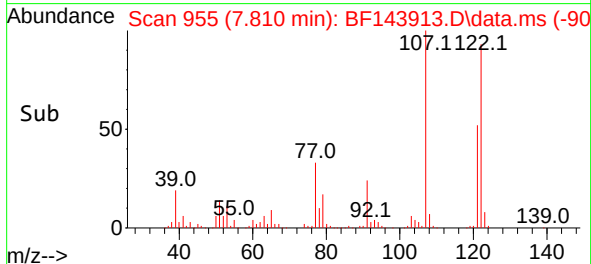
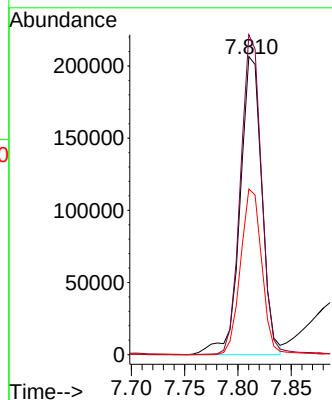
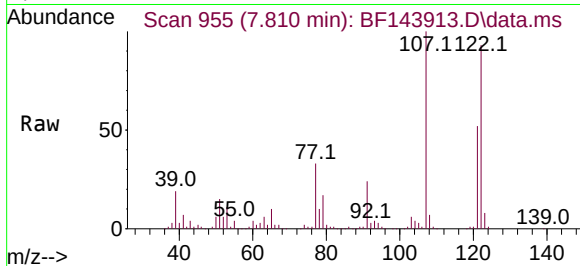




#27
2,4-Dimethylphenol
Concen: 58.832 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

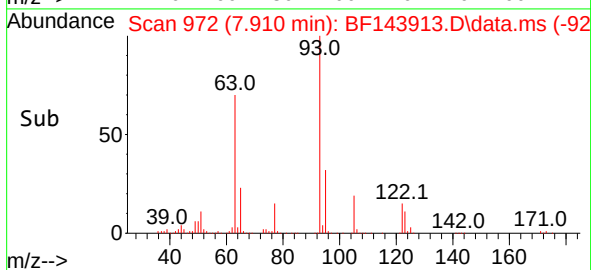
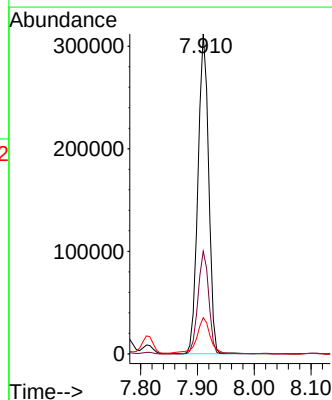
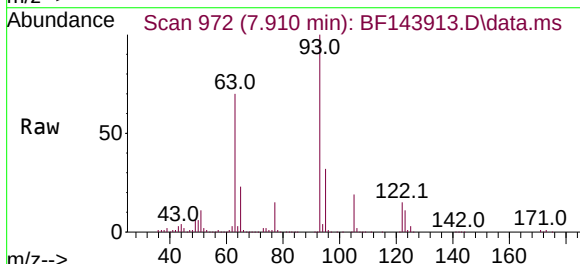
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

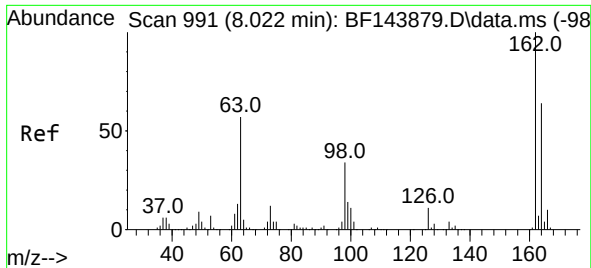
Tgt Ion:122 Resp: 293836
Ion Ratio Lower Upper
122 100
107 107.4 86.1 129.1
121 55.5 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 52.252 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion: 93 Resp: 405854
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.444 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143913.D

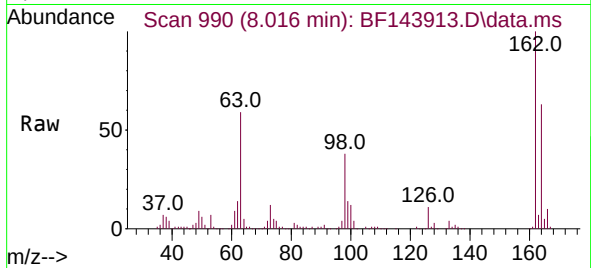
Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS



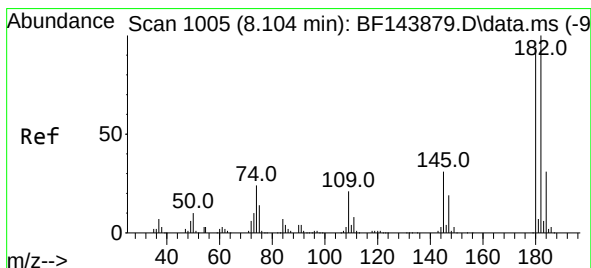
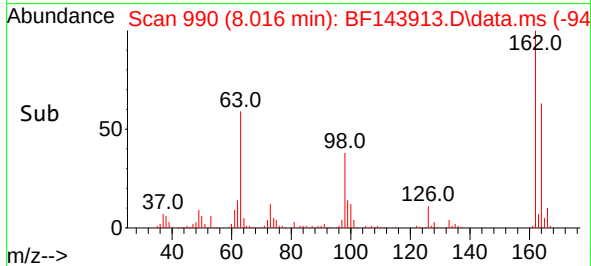
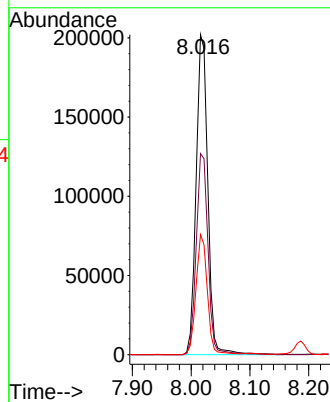
Tgt Ion:162 Resp: 278036

Ion Ratio Lower Upper

162 100

164 62.8 43.9 83.9

98 37.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 53.780 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

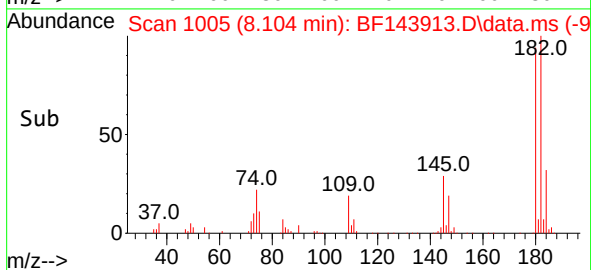
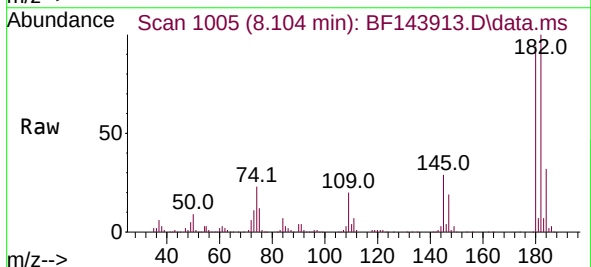
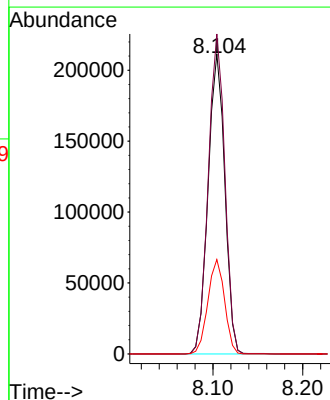
Tgt Ion:180 Resp: 275166

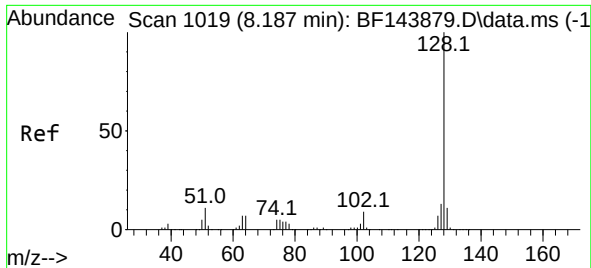
Ion Ratio Lower Upper

180 100

182 106.6 85.4 128.0

145 31.4 26.3 39.5

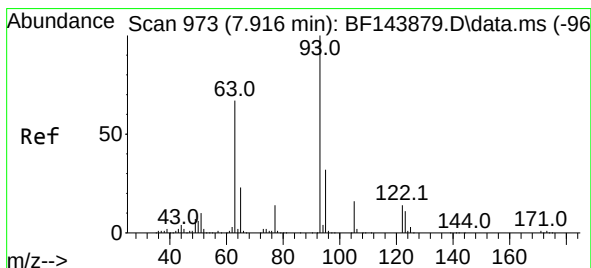
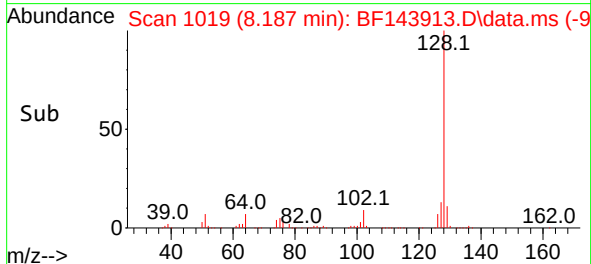
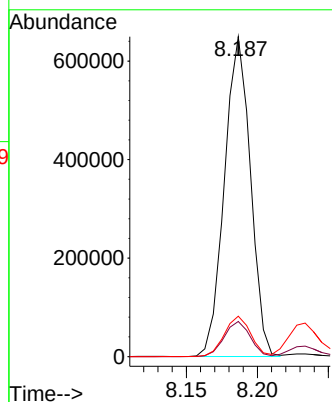
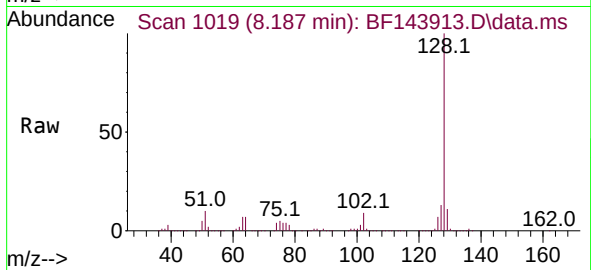




#31
Naphthalene
Concen: 51.328 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

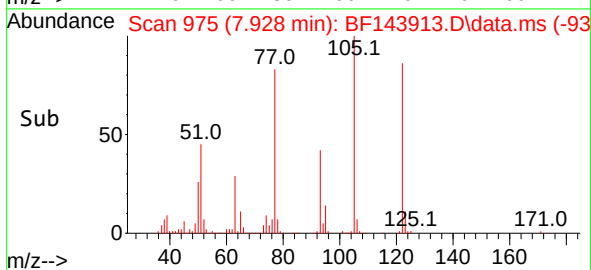
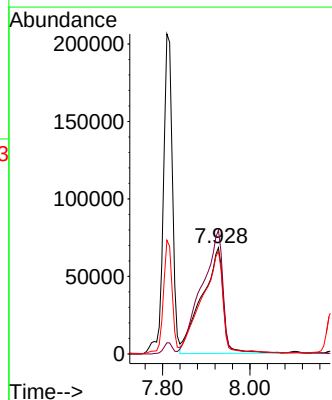
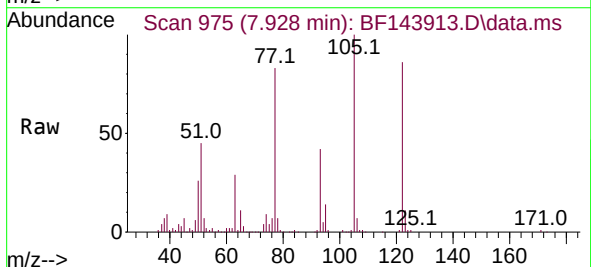
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

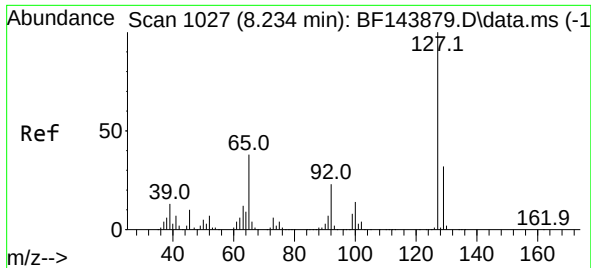
Tgt Ion:128 Resp: 827230
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 67.246 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:122 Resp: 232440
Ion Ratio Lower Upper
122 100
105 116.3 93.5 133.5
77 96.8 76.3 116.3

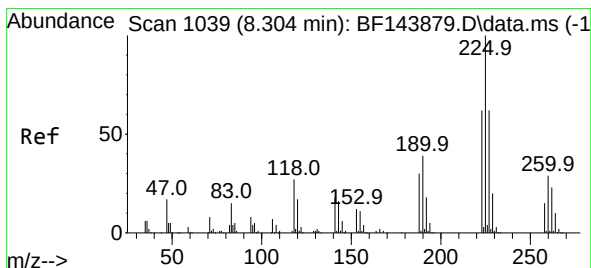
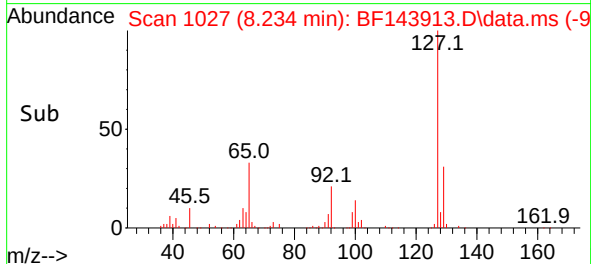
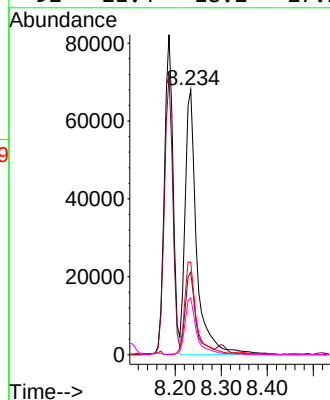
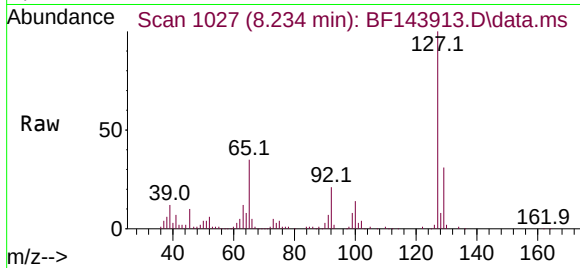




#33
4-Chloroaniline
Concen: 19.883 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

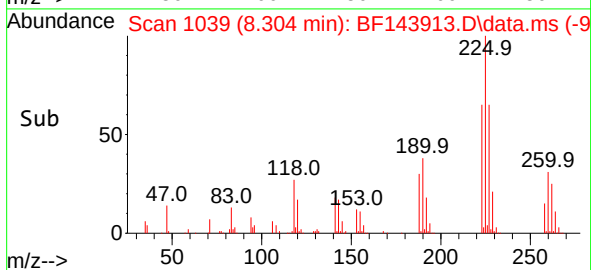
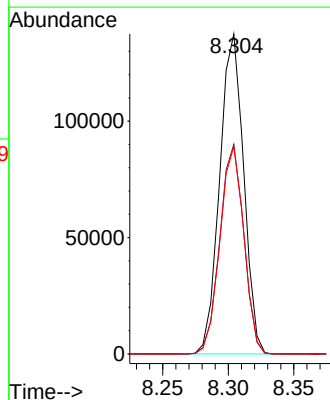
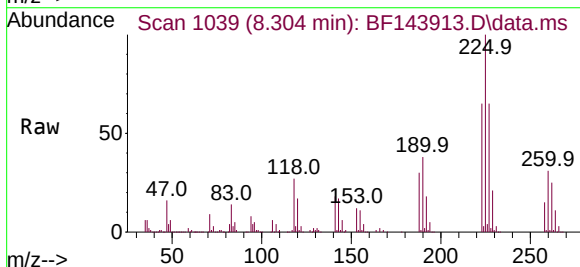
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

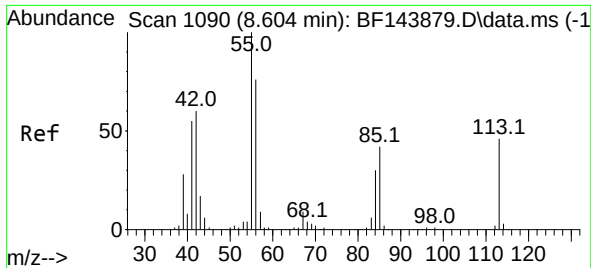
Tgt Ion:	127	Resp:	120182
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.8	38.8
65	34.9	30.0	45.0
92	21.4	18.2	27.2



#34
Hexachlorobutadiene
Concen: 49.136 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:	225	Resp:	174699
Ion Ratio	Lower	Upper	
225	100		
223	65.5	49.4	74.2
227	64.7	49.7	74.5

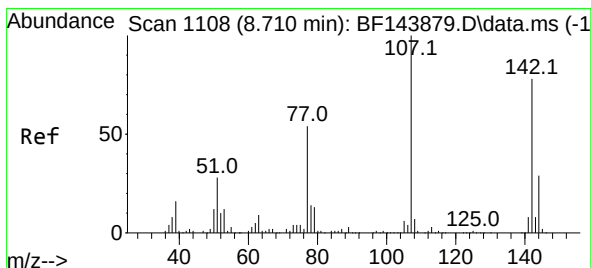
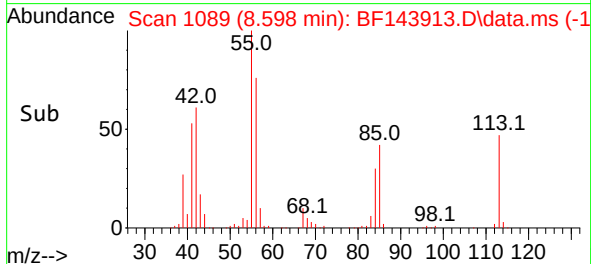
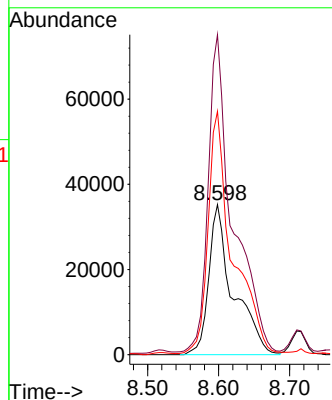
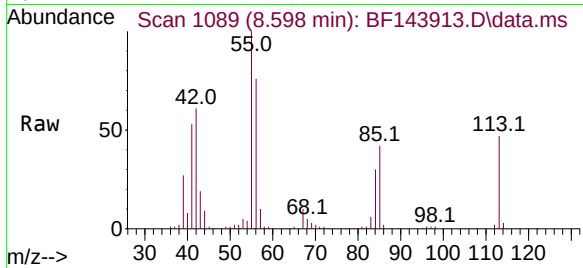




#35
 Caprolactam
 Concen: 50.877 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.047 min
 Lab File: BF143913.D
 Acq: 09 Oct 2025 17:17

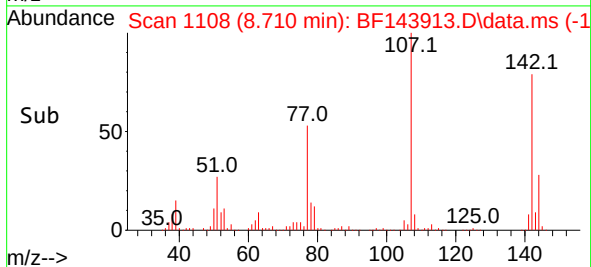
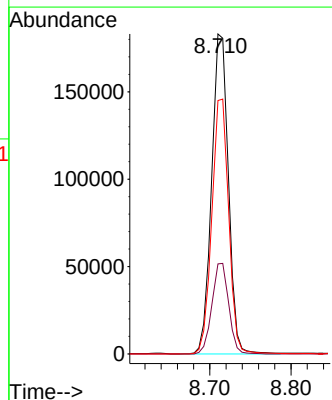
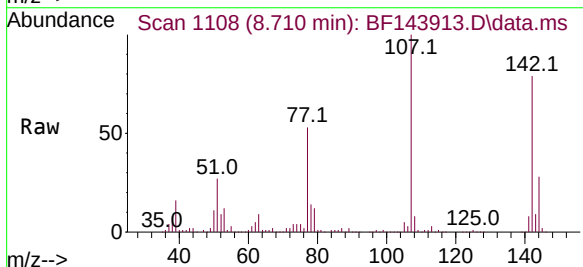
Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MS

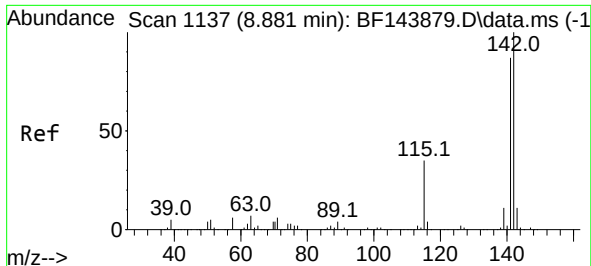
Tgt Ion:113 Resp: 84158
 Ion Ratio Lower Upper
 113 100
 55 213.4 199.6 239.6
 56 162.2 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 52.664 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143913.D
 Acq: 09 Oct 2025 17:17

Tgt Ion:107 Resp: 263177
 Ion Ratio Lower Upper
 107 100
 144 28.1 23.1 34.7
 142 79.2 62.6 94.0





#37

2-Methylnaphthalene

Concen: 48.302 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

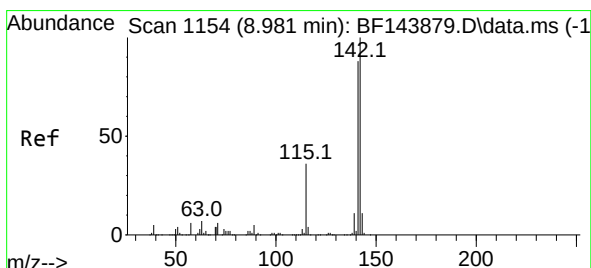
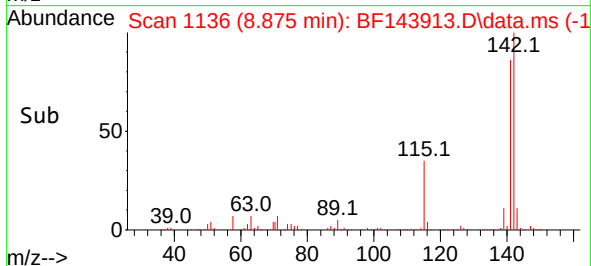
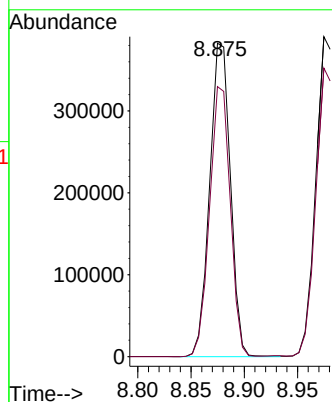
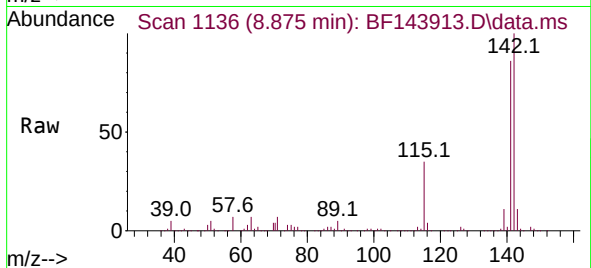
OR-658-COMP-01MS

Tgt Ion:142 Resp: 518551

Ion Ratio Lower Upper

142 100

141 86.2 69.2 103.8



#38

1-Methylnaphthalene

Concen: 50.166 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143913.D

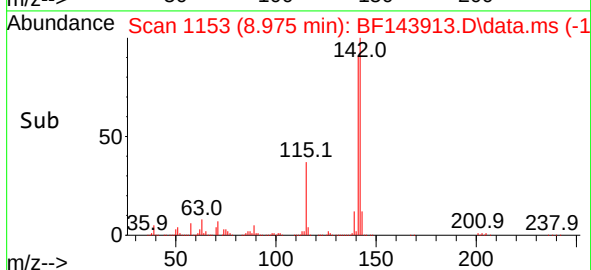
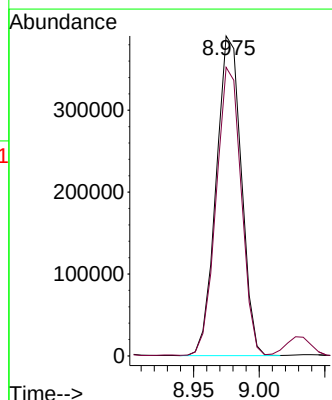
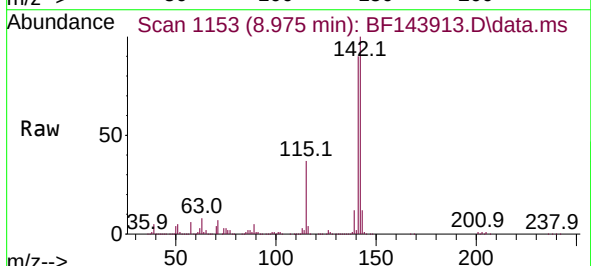
Acq: 09 Oct 2025 17:17

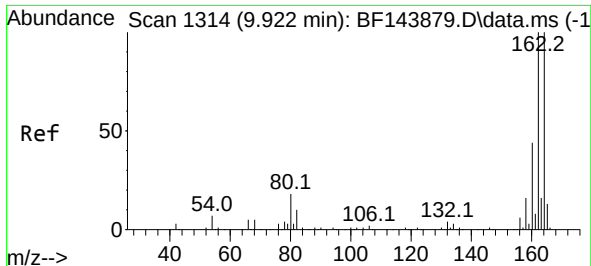
Tgt Ion:142 Resp: 522394

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143913.D

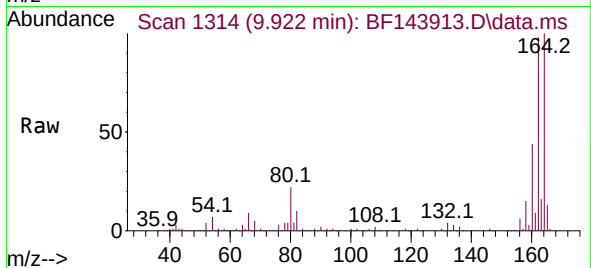
Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS



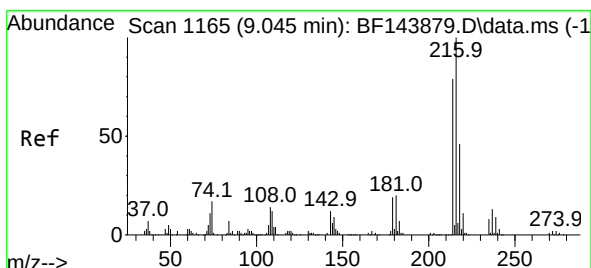
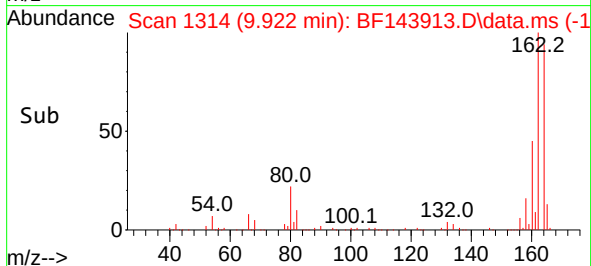
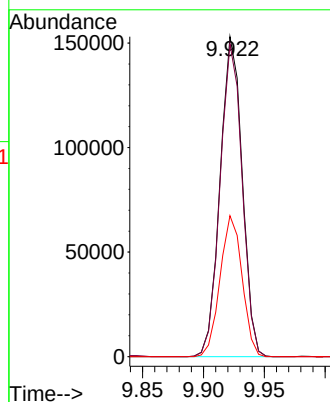
Tgt Ion:164 Resp: 193934

Ion Ratio Lower Upper

164 100

162 97.7 80.2 120.2

160 44.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.258 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Tgt Ion:216 Resp: 301548

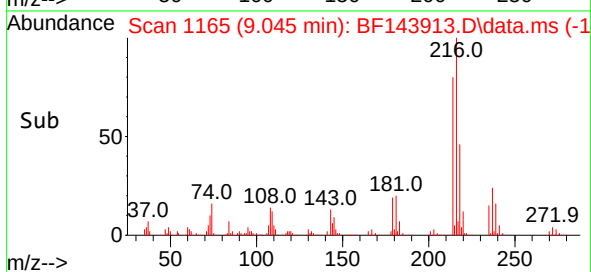
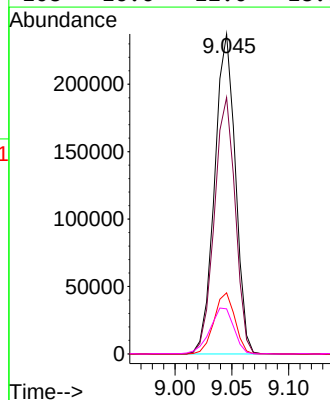
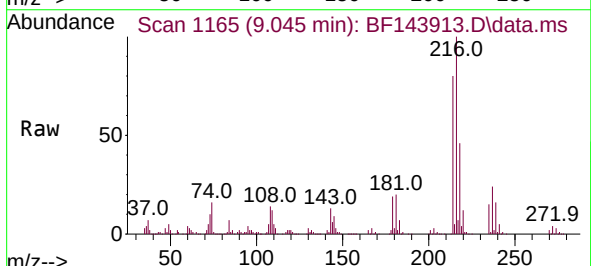
Ion Ratio Lower Upper

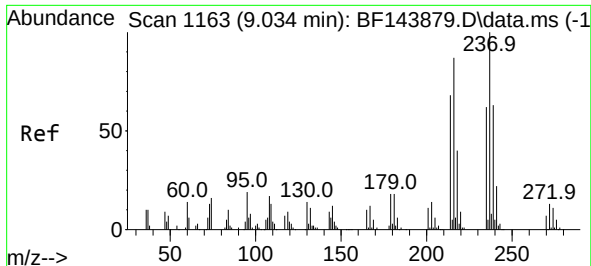
216 100

214 80.5 62.6 94.0

179 19.2 15.4 23.0

108 16.6 12.0 18.0

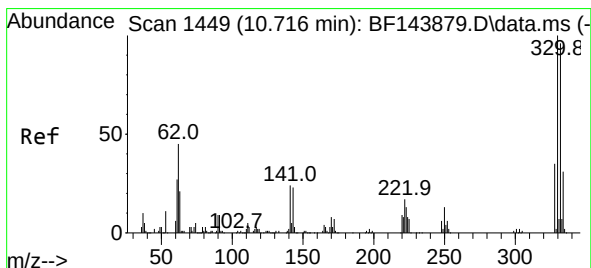
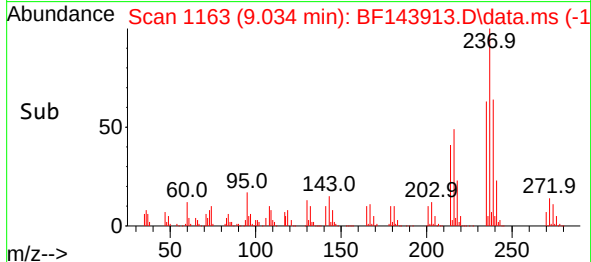
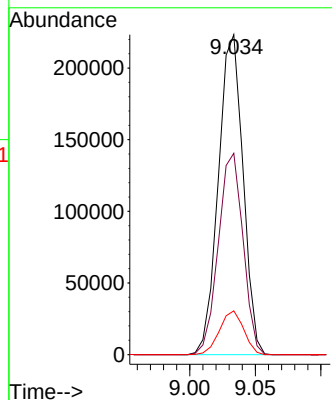
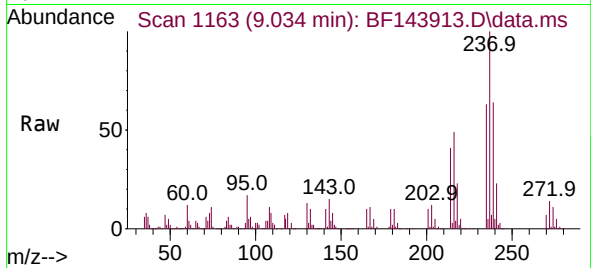




#41
Hexachlorocyclopentadiene
Concen: 131.381 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

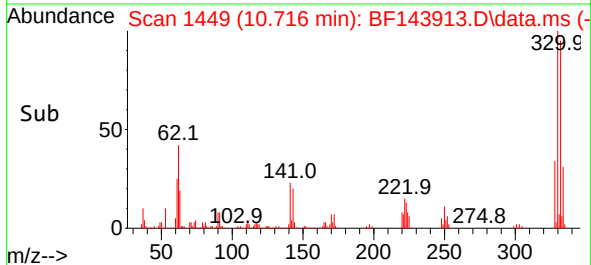
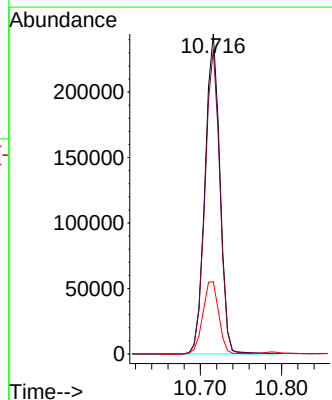
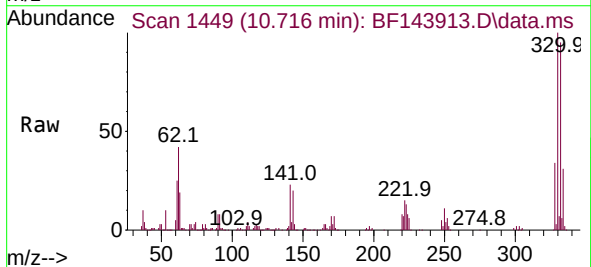
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

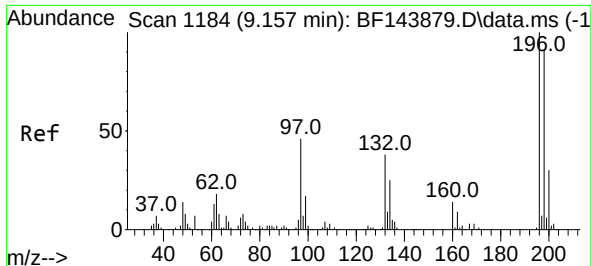
Tgt Ion:237 Resp: 292149
Ion Ratio Lower Upper
237 100
235 63.0 42.3 82.3
272 13.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 161.214 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:330 Resp: 311405
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 24.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 54.522 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

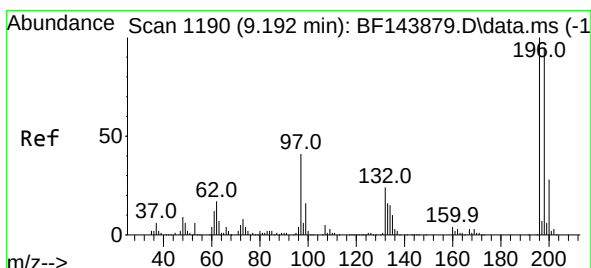
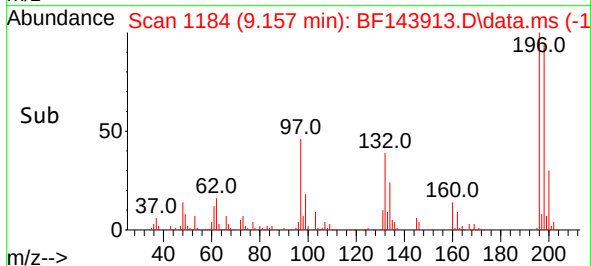
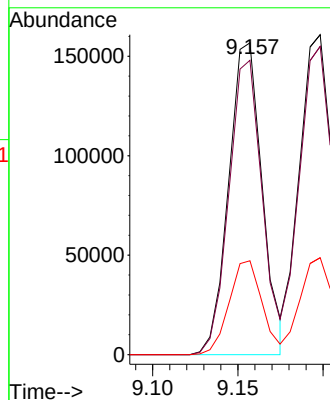
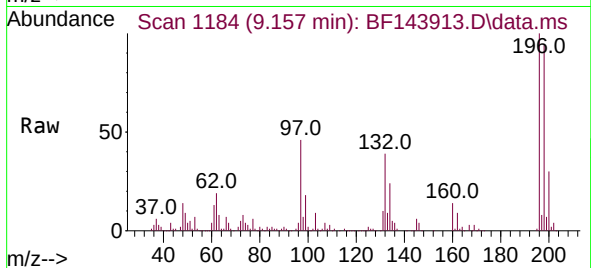
Tgt Ion:196 Resp: 213529

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

200 30.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 53.218 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Tgt Ion:196 Resp: 220251

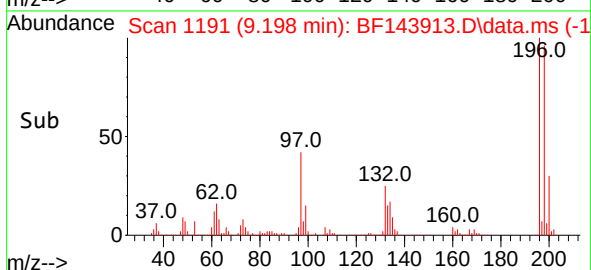
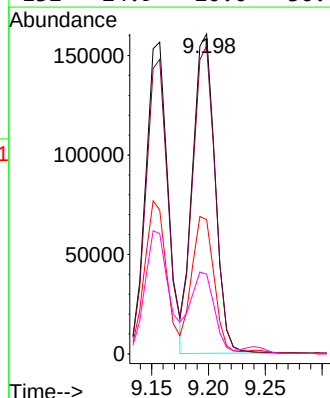
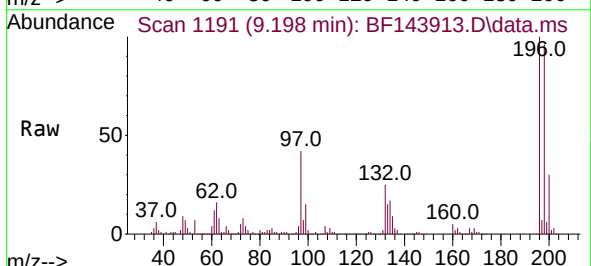
Ion Ratio Lower Upper

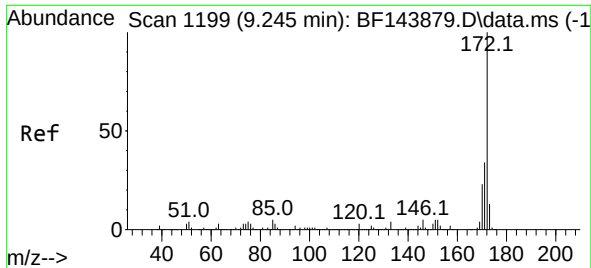
196 100

198 96.3 75.5 113.3

97 42.0 33.9 50.9

132 24.9 20.0 30.0

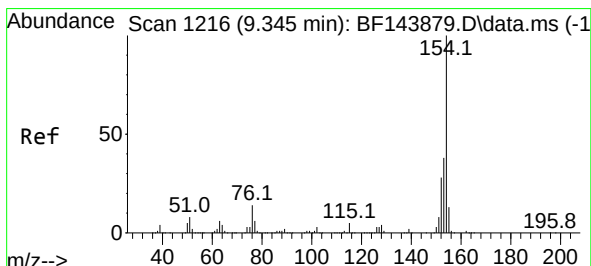
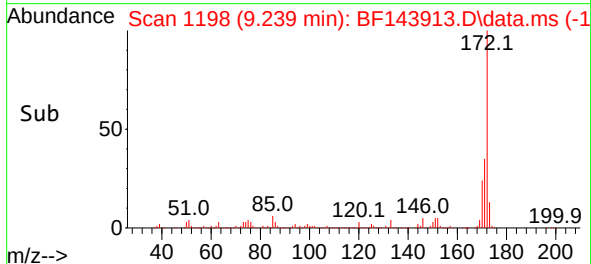
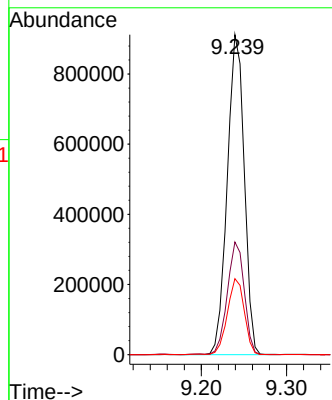
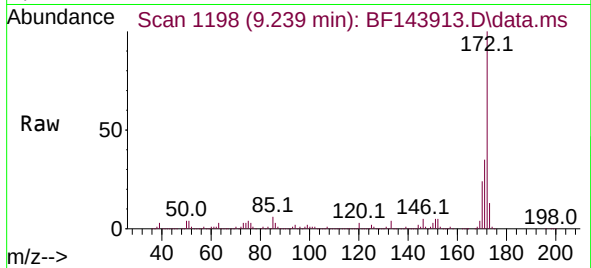




#45
2-Fluorobiphenyl
Concen: 103.366 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

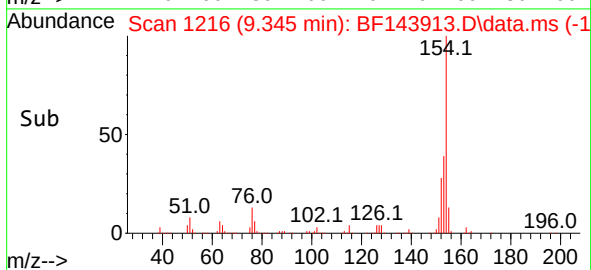
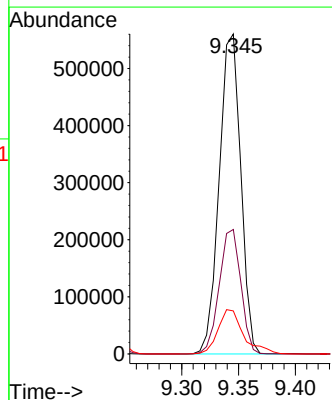
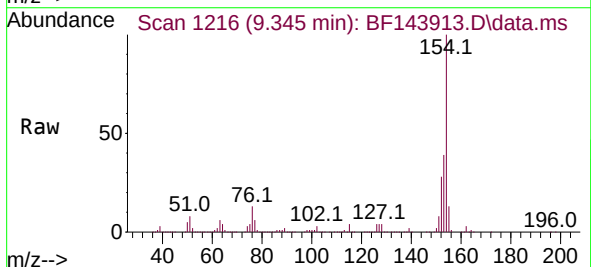
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

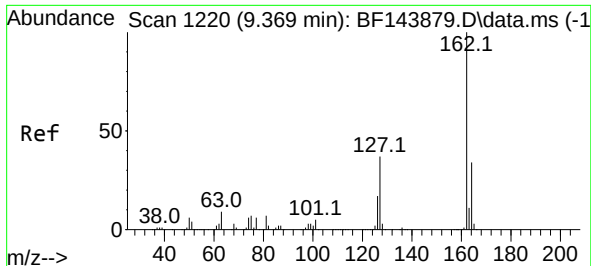
Tgt Ion:172 Resp: 1263361
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 57.568 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:154 Resp: 739181
Ion Ratio Lower Upper
154 100
153 38.9 18.4 58.4
76 13.4 0.0 34.0

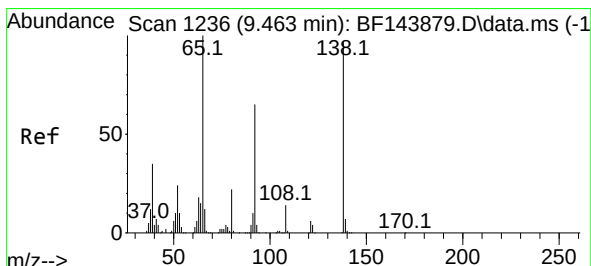
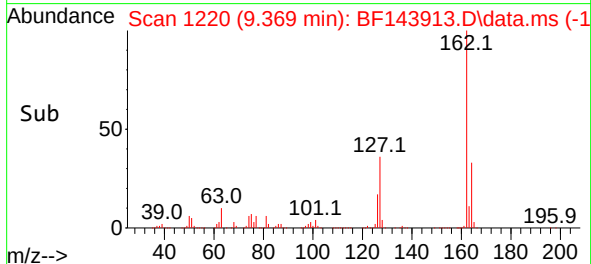
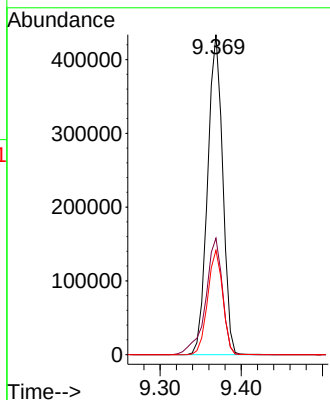
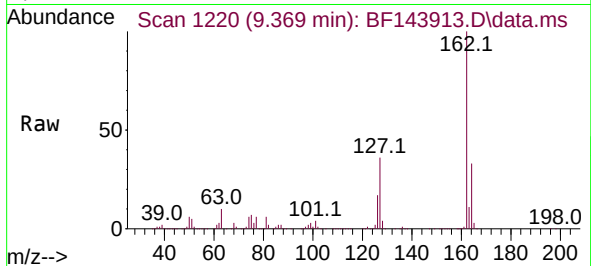




#47
2-Chloronaphthalene
Concen: 52.394 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

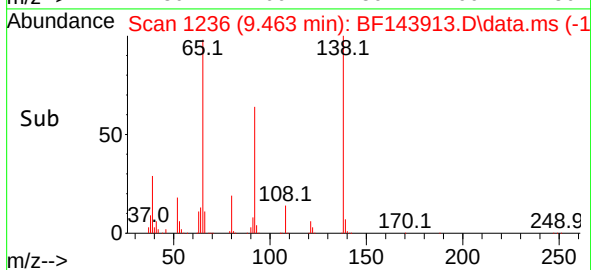
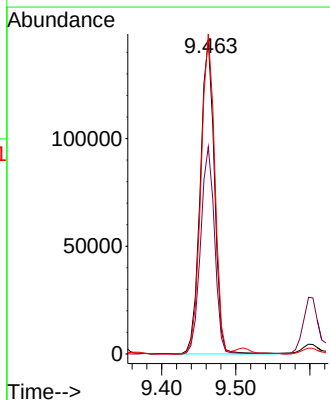
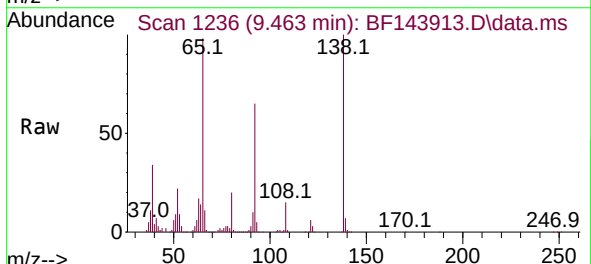
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

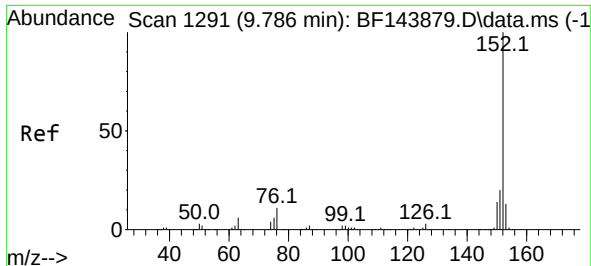
Tgt Ion:162 Resp: 560912
Ion Ratio Lower Upper
162 100
127 36.4 30.2 45.2
164 32.6 26.9 40.3



#48
2-Nitroaniline
Concen: 57.001 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion: 65 Resp: 192929
Ion Ratio Lower Upper
65 100
92 66.0 52.1 78.1
138 102.0 77.4 116.2





#49

Acenaphthylene

Concen: 59.298 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143913.D

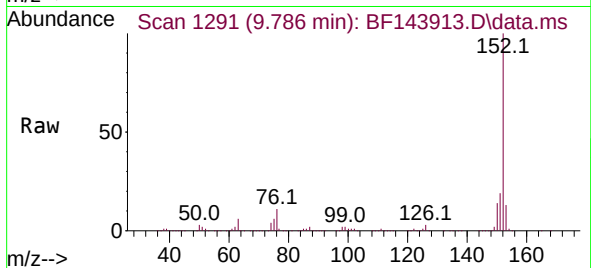
Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS



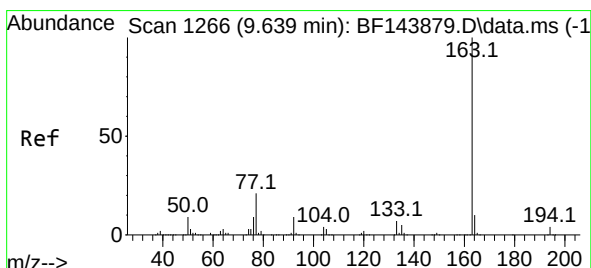
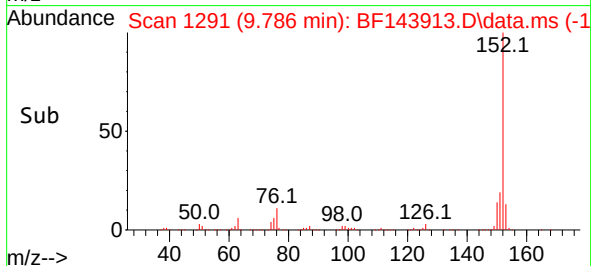
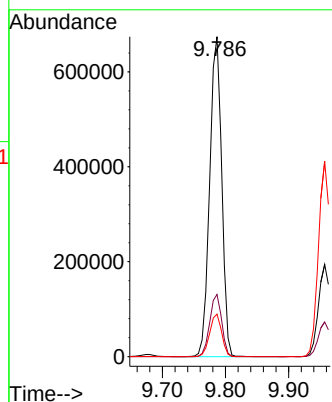
Tgt Ion:152 Resp: 892467

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 52.699 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

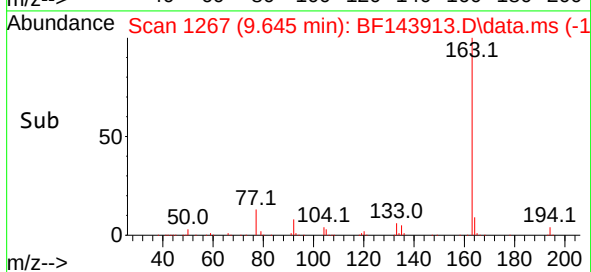
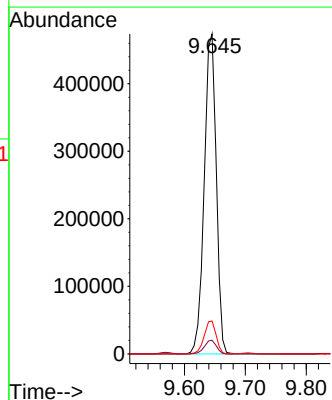
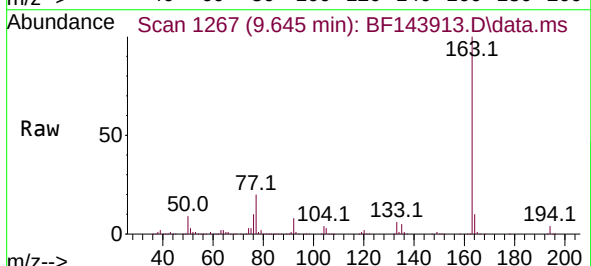
Tgt Ion:163 Resp: 649021

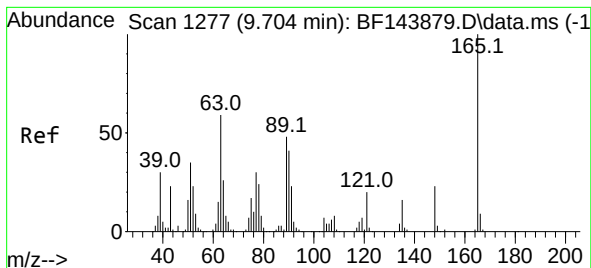
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.1 12.1

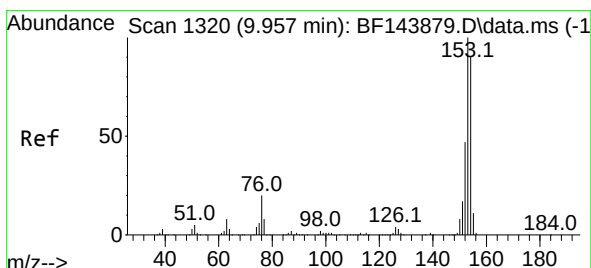
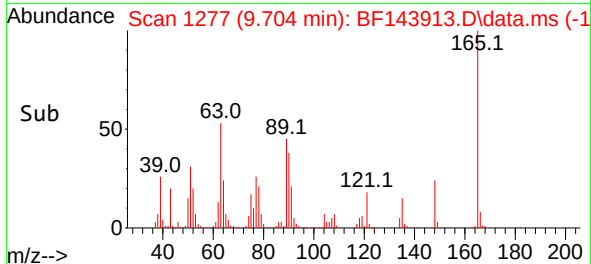
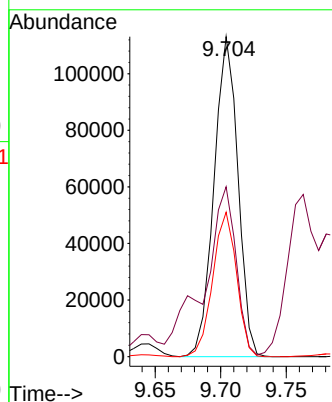
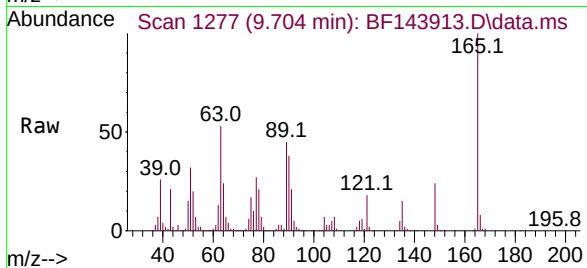




#51
2,6-Dinitrotoluene
Concen: 62.889 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

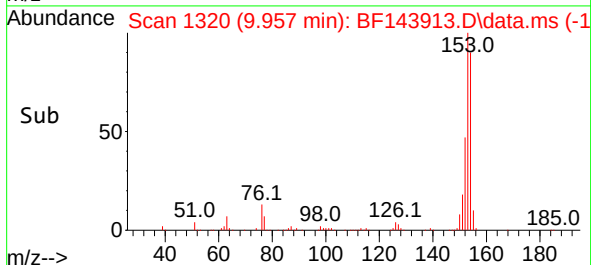
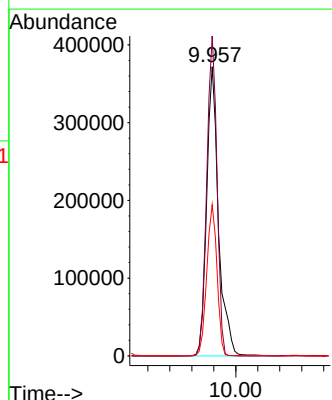
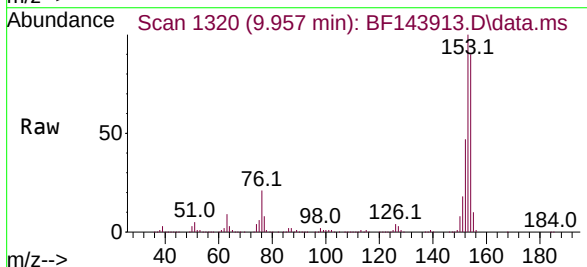
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

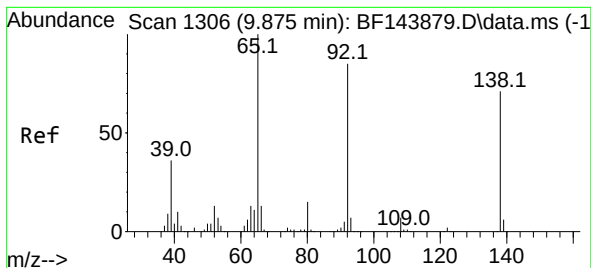
Tgt Ion:165 Resp: 143619
Ion Ratio Lower Upper
165 100
63 53.1 47.3 70.9
89 45.1 38.2 57.4



#52
Acenaphthene
Concen: 56.423 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:154 Resp: 556443
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 52.3 42.2 63.2





#53

3-Nitroaniline

Concen: 32.923 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

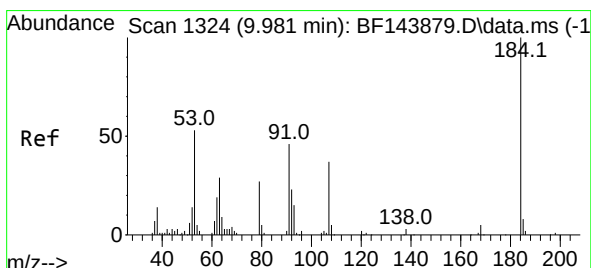
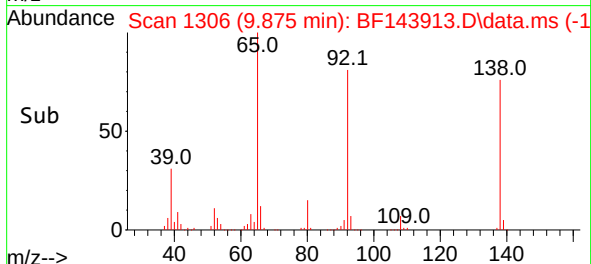
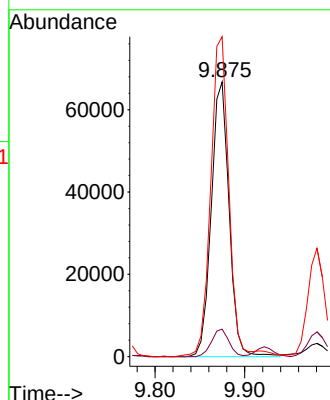
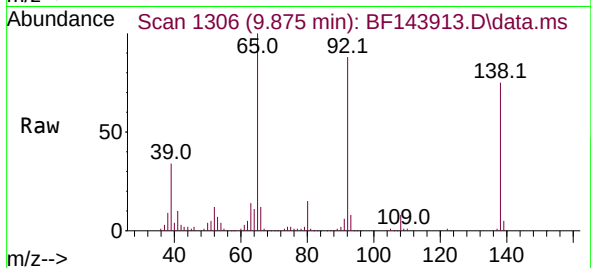
Tgt Ion:138 Resp: 92061

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

92 116.5 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 101.969 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

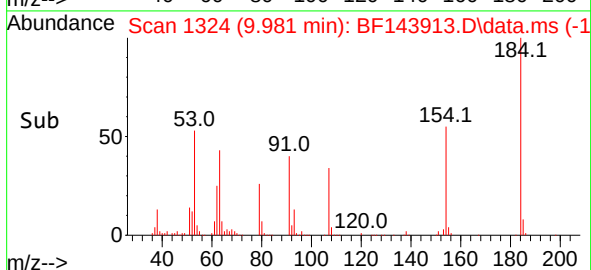
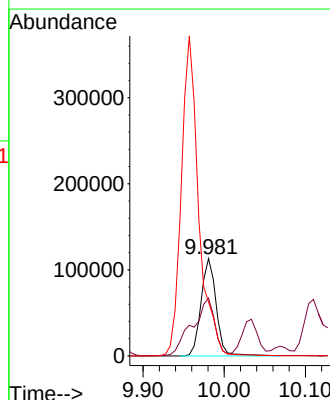
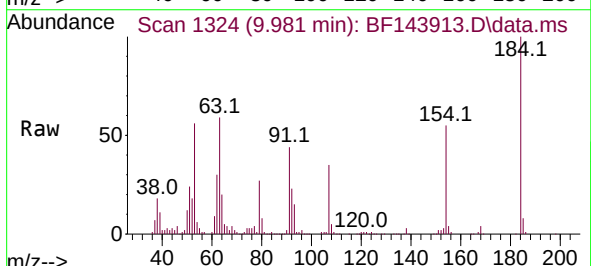
Tgt Ion:184 Resp: 146580

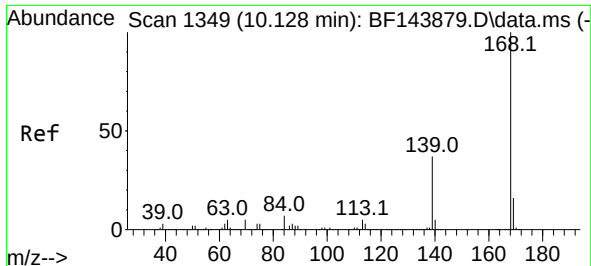
Ion Ratio Lower Upper

184 100

63 59.4 48.2 72.4

154 55.3 49.2 73.8

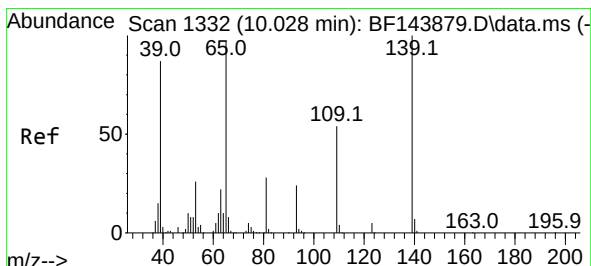
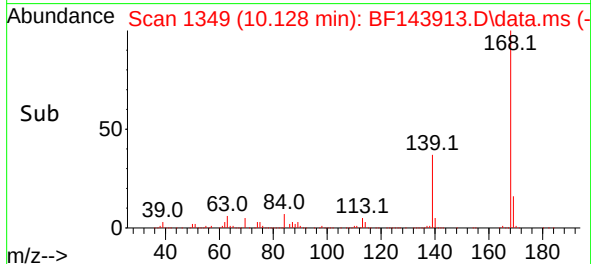
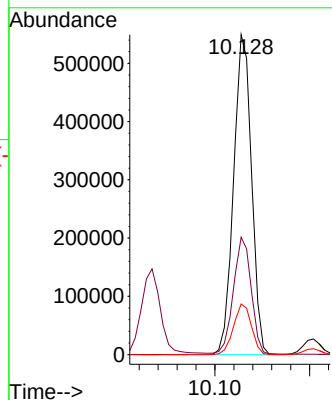
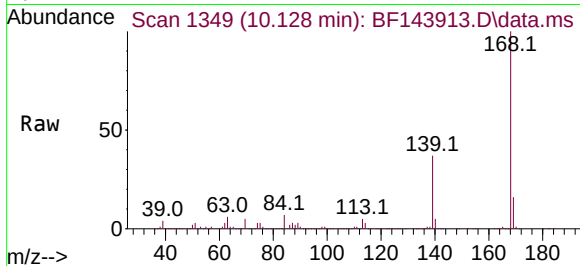




#55
Dibenzenofuran
Concen: 51.920 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

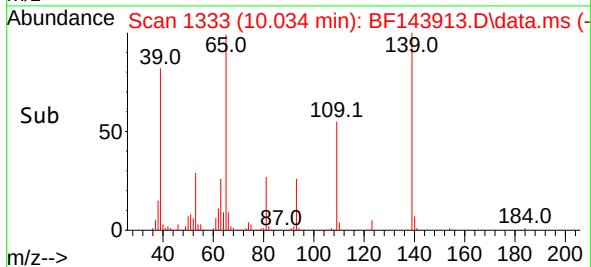
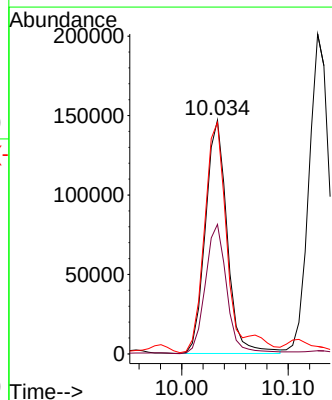
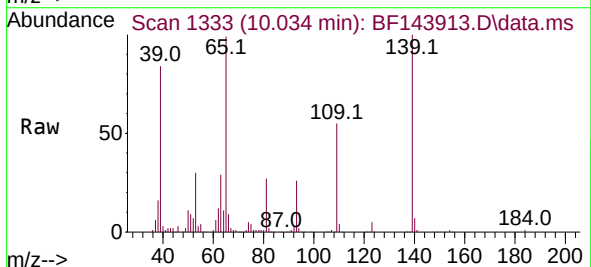
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

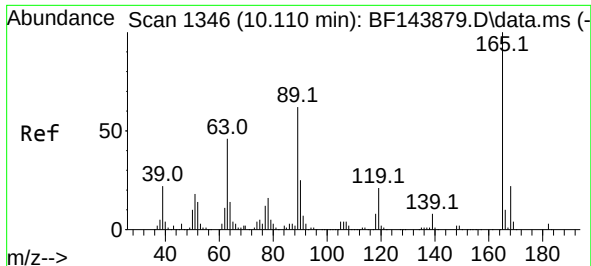
Tgt Ion:168 Resp: 722794
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 15.8 12.8 19.2



#56
4-Nitrophenol
Concen: 98.361 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:139 Resp: 208253
Ion Ratio Lower Upper
139 100
109 55.4 34.5 74.5
65 99.1 77.6 117.6

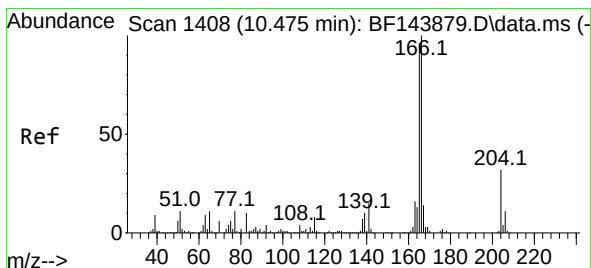
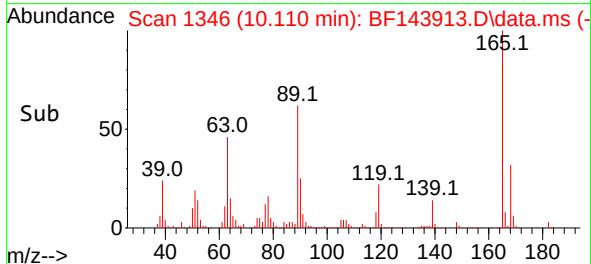
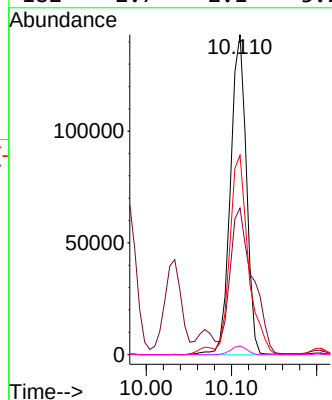
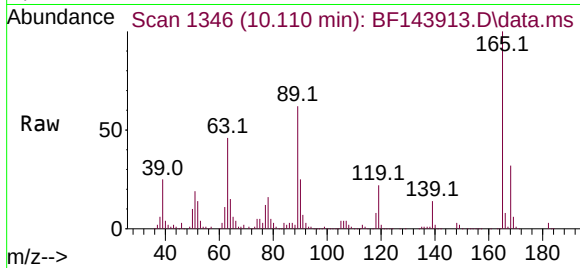




#57
2,4-Dinitrotoluene
Concen: 59.828 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

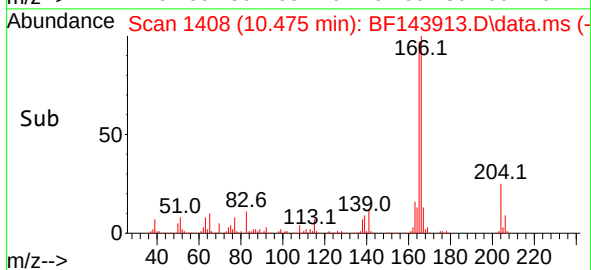
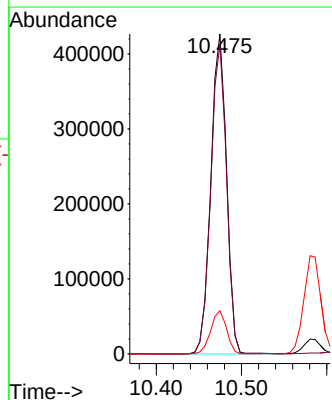
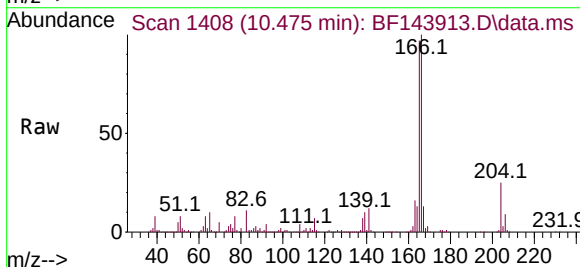
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

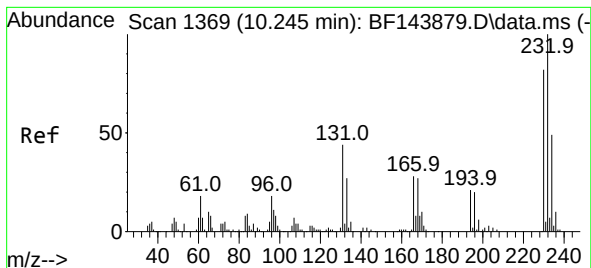
Tgt Ion:165 Resp: 185900
Ion Ratio Lower Upper
165 100
63 45.8 37.2 55.8
89 62.3 49.4 74.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 51.976 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:166 Resp: 545988
Ion Ratio Lower Upper
166 100
165 96.7 77.0 115.6
167 13.5 11.1 16.7

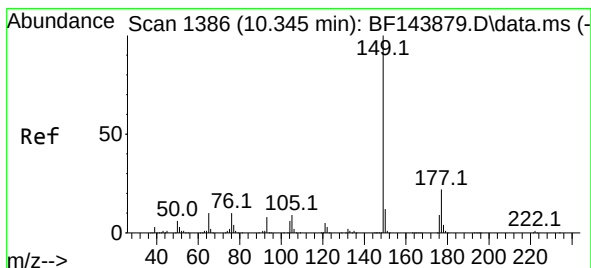
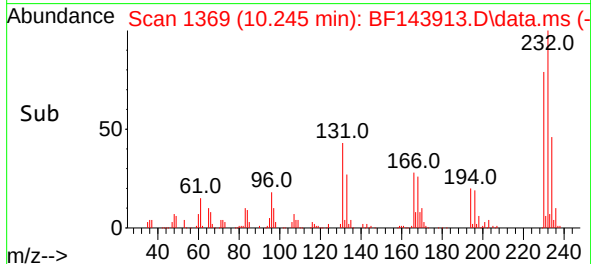
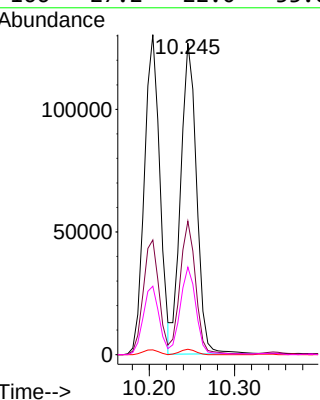
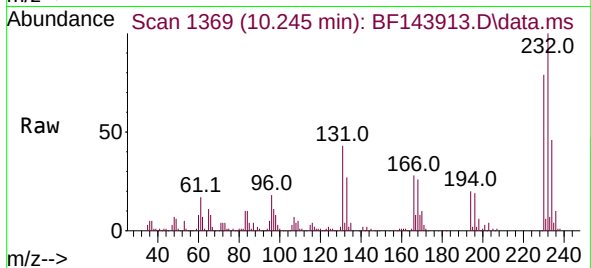




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.118 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

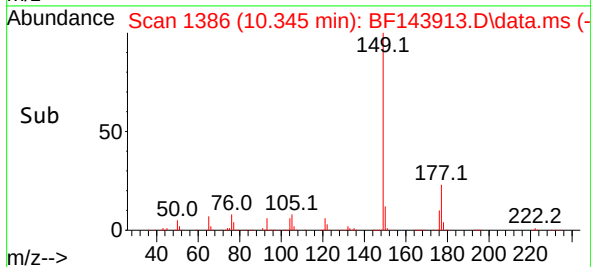
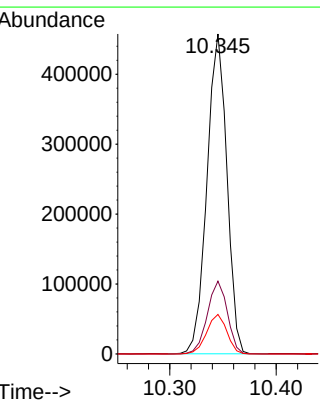
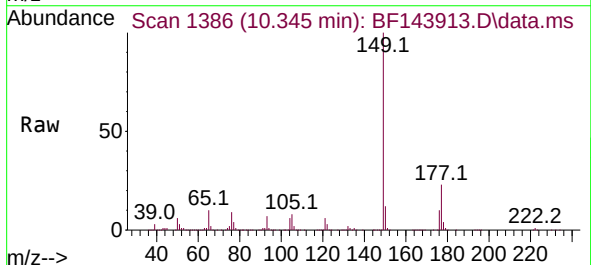
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

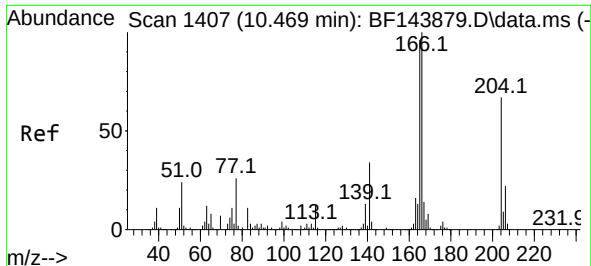
Tgt Ion:232 Resp: 164409
Ion Ratio Lower Upper
232 100
131 41.7 34.9 52.3
130 1.7 1.6 2.4
166 27.2 22.0 33.0



#60
Diethylphthalate
Concen: 52.029 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:149 Resp: 595285
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.3 9.8 14.8

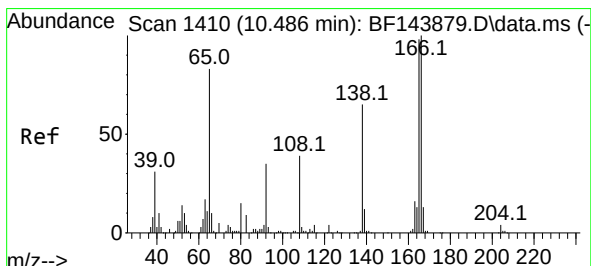
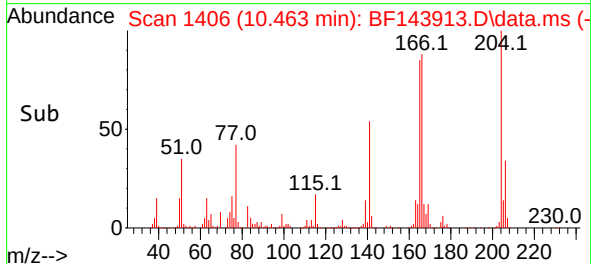
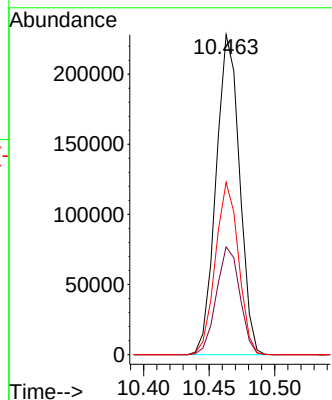
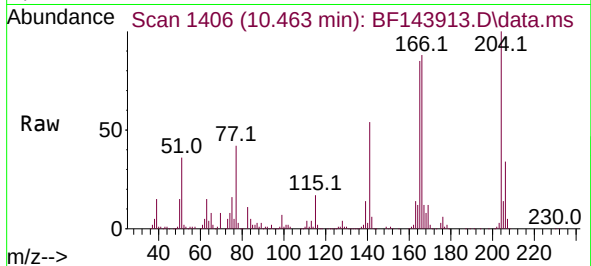




#61
4-Chlorophenyl-phenylether
Concen: 51.297 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

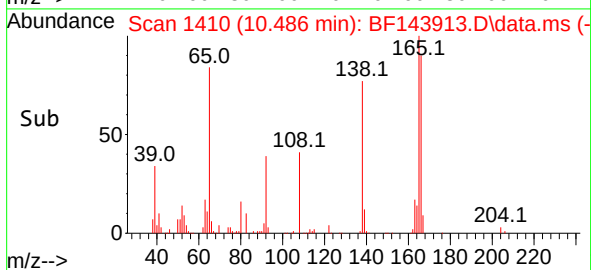
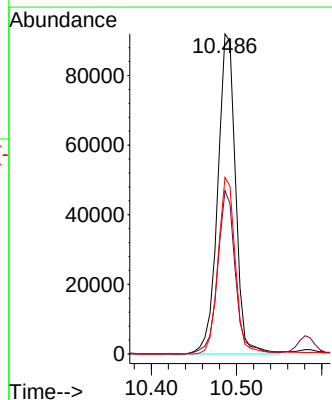
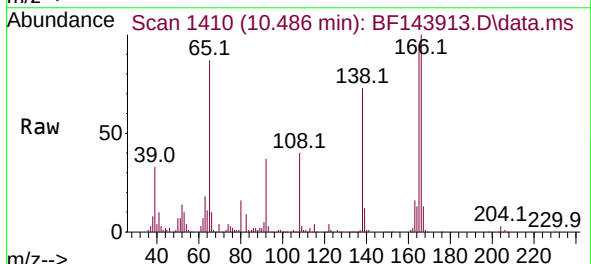
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

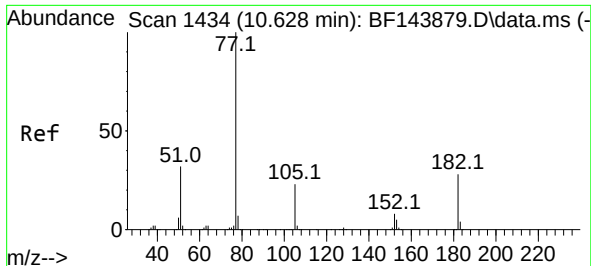
Tgt Ion:204 Resp: 284889
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 53.8 40.4 60.6



#62
4-Nitroaniline
Concen: 49.705 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:138 Resp: 133656
Ion Ratio Lower Upper
138 100
92 51.0 33.9 73.9
108 55.1 40.2 80.2

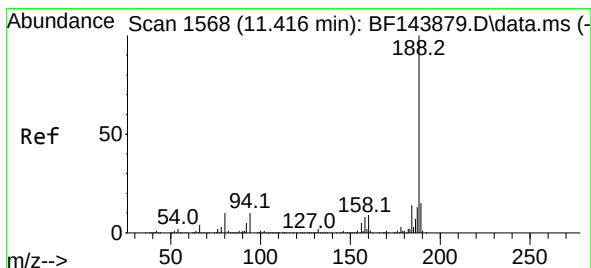
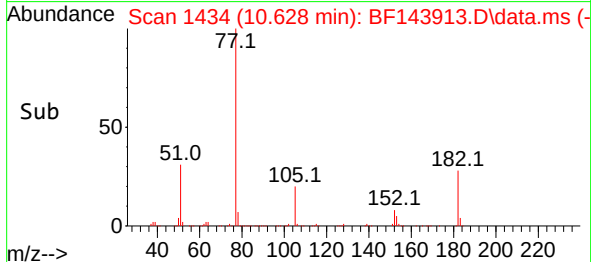
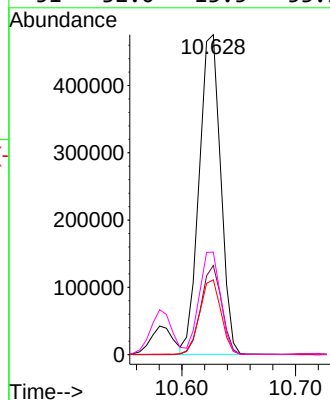
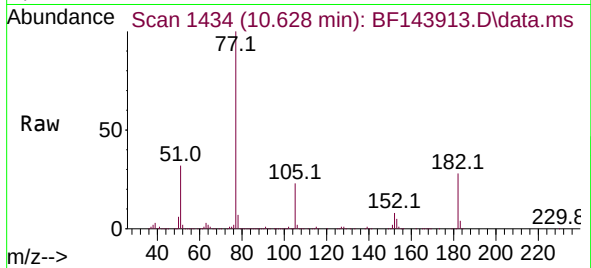




#63
Azobenzene
Concen: 52.340 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

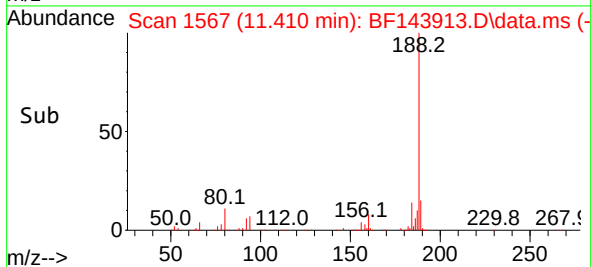
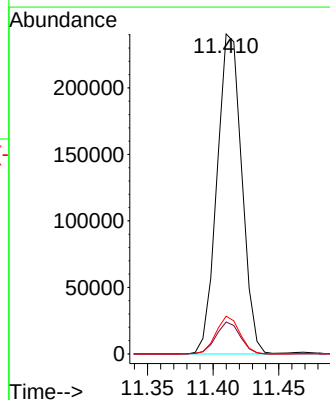
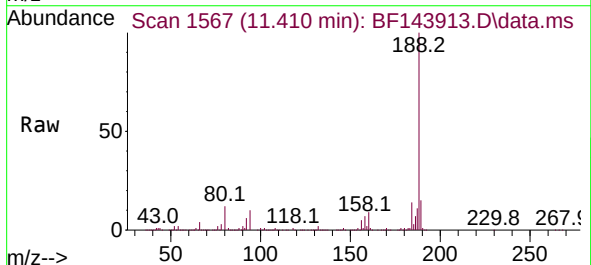
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

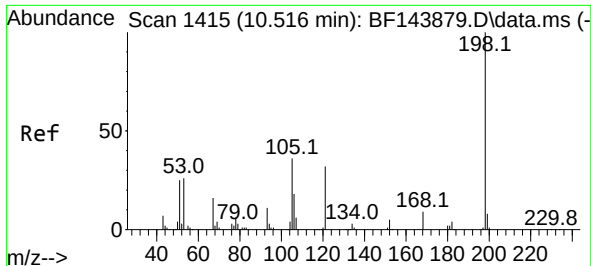
Tgt Ion:	77	Resp:	625864
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.3	47.3
105	23.4	3.0	43.0
51	32.0	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:	188	Resp:	317040
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	11.8	7.9	11.9

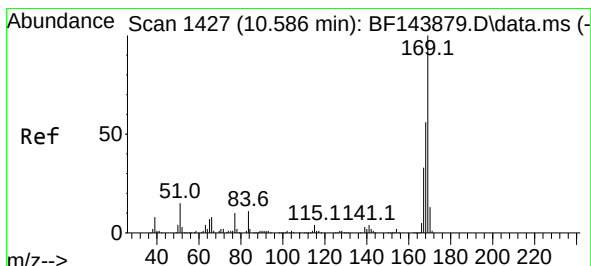
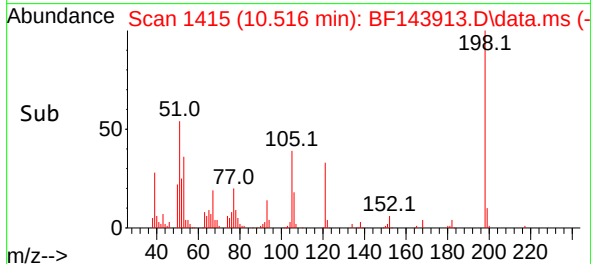
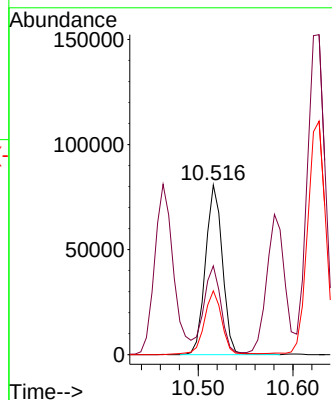
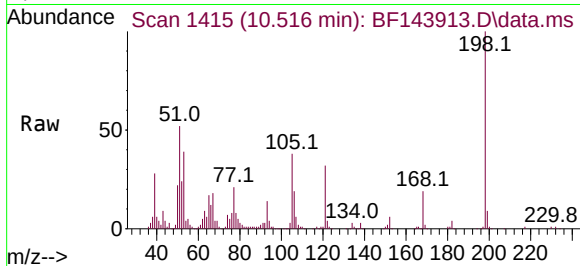




#65
4,6-Dinitro-2-methylphenol
Concen: 63.036 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

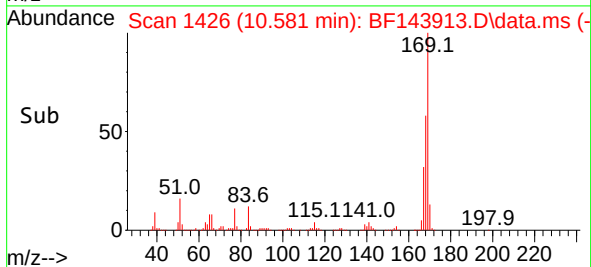
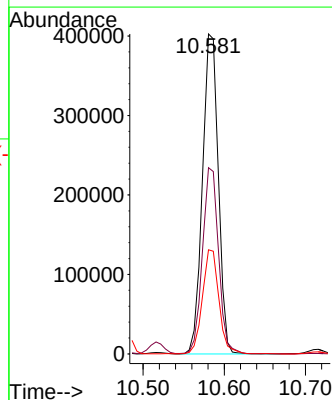
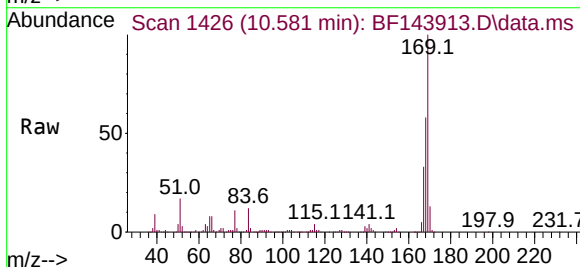
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

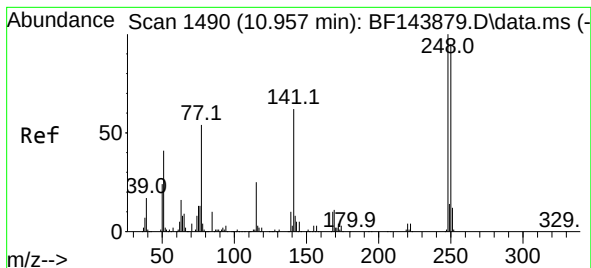
Tgt Ion:198 Resp: 100430
Ion Ratio Lower Upper
198 100
51 52.3 33.8 73.8
105 37.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 54.913 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:169 Resp: 546647
Ion Ratio Lower Upper
169 100
168 58.2 44.9 67.3
167 32.5 26.3 39.5

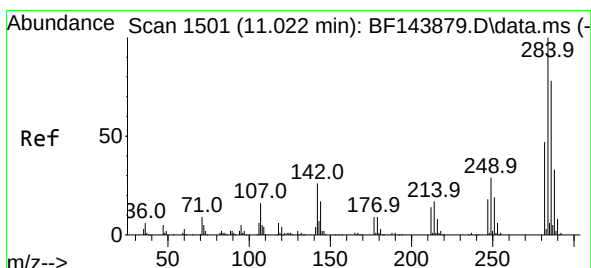
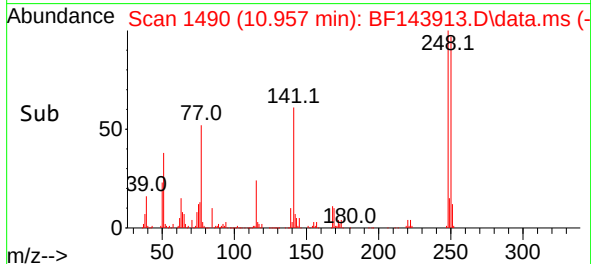
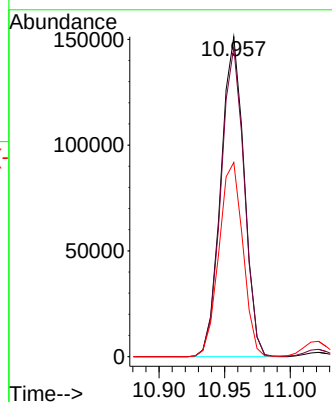
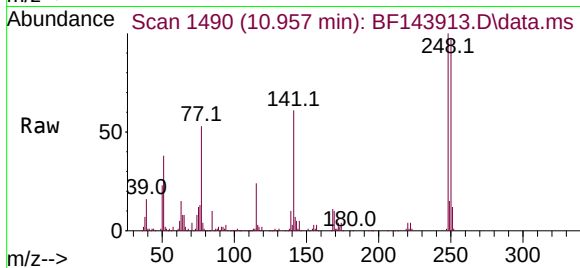




#67
4-Bromophenyl-phenylether
Concen: 53.267 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

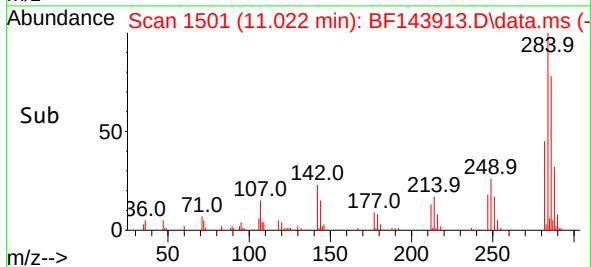
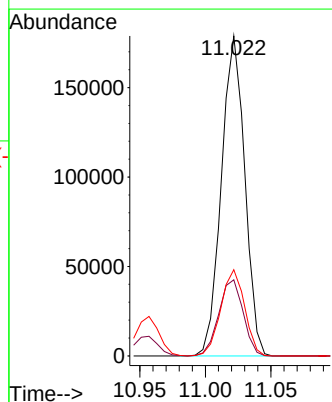
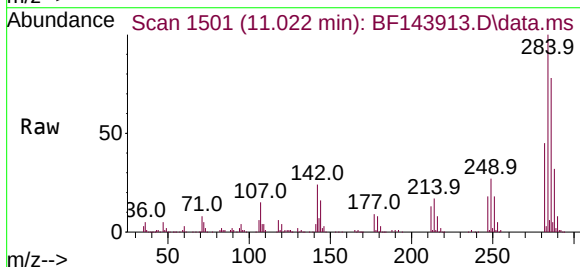
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

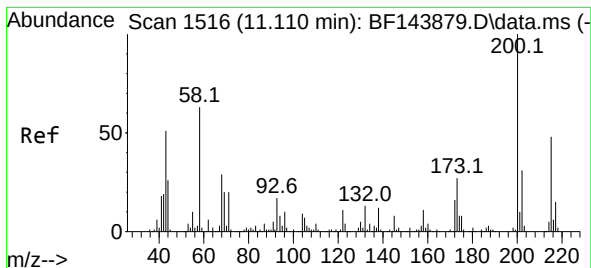
Tgt Ion:248 Resp: 186635
Ion Ratio Lower Upper
248 100
250 96.7 76.3 114.5
141 60.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 54.779 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:284 Resp: 222202
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 26.9 23.2 34.8





#69

Atrazine

Concen: 52.878 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

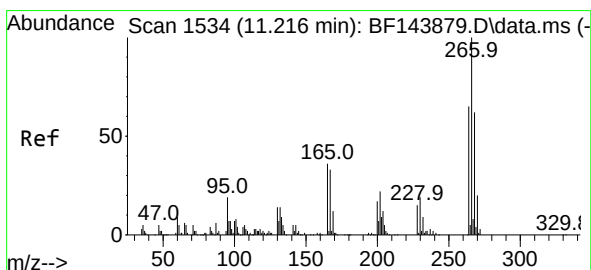
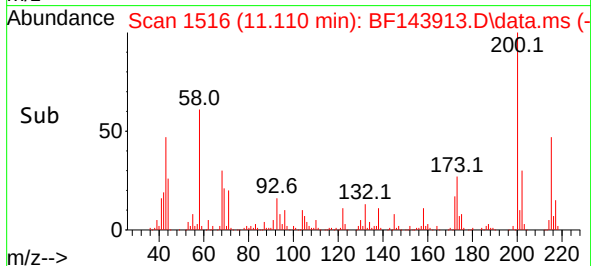
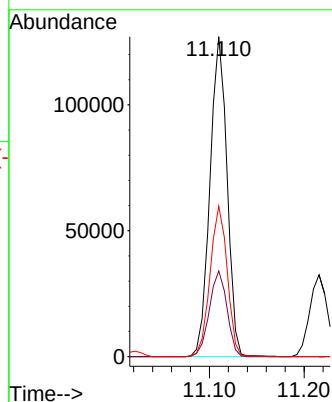
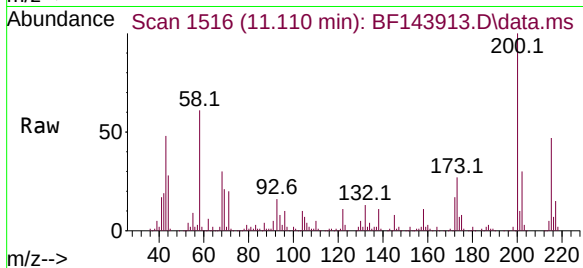
Tgt Ion:200 Resp: 159544

Ion Ratio Lower Upper

200 100

173 26.8 7.0 47.0

215 47.0 27.8 67.8



#70

Pentachlorophenol

Concen: 105.397 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

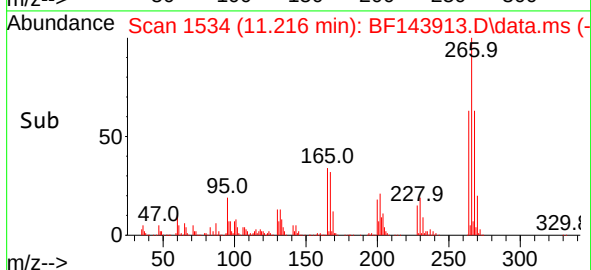
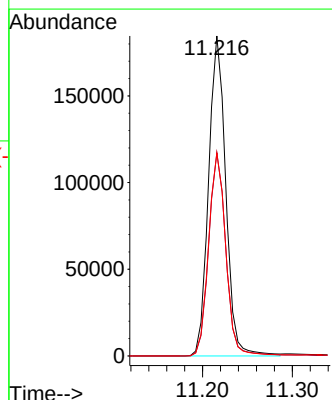
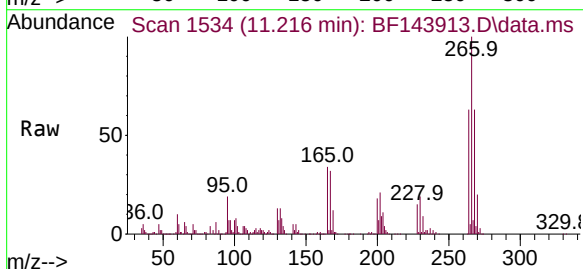
Tgt Ion:266 Resp: 245543

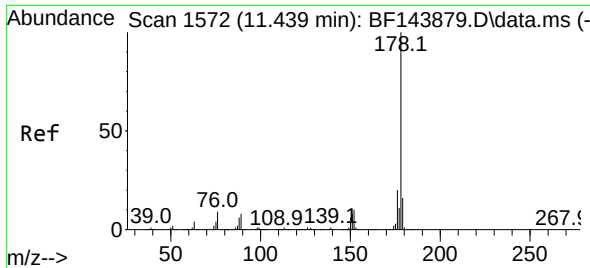
Ion Ratio Lower Upper

266 100

268 63.5 49.4 74.0

264 63.4 51.8 77.6

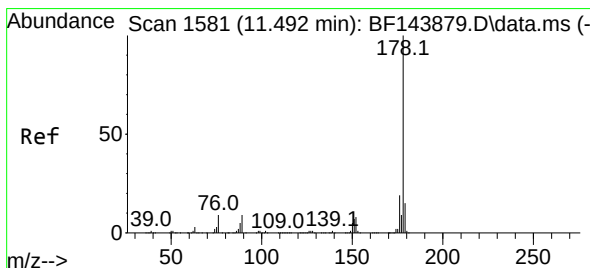
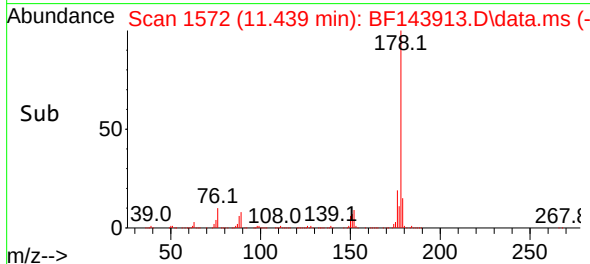
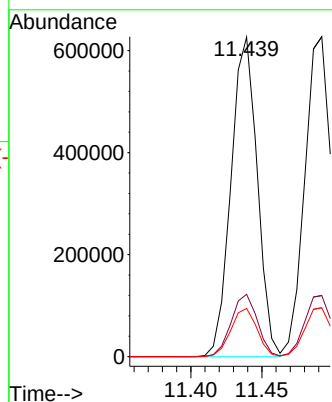
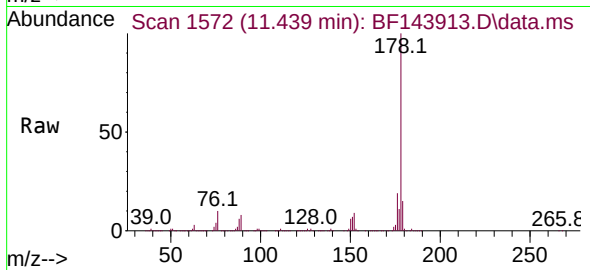




#71
Phenanthrene
Concen: 52.326 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

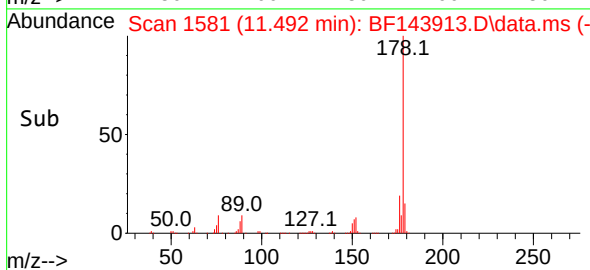
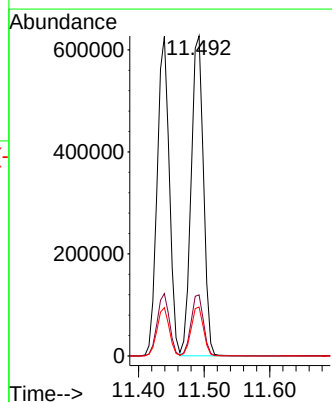
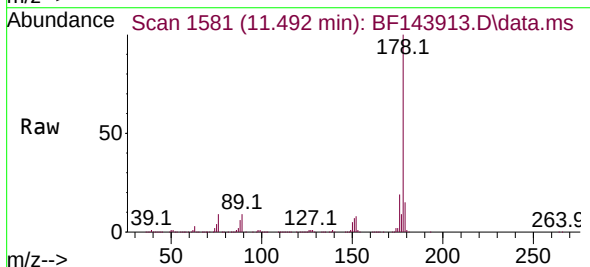
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

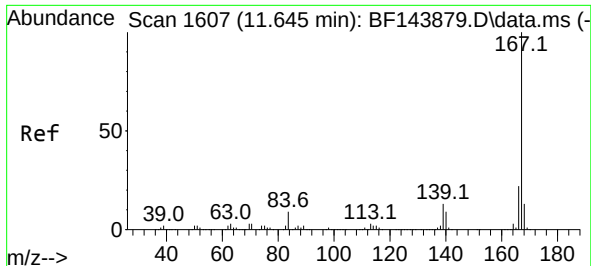
Tgt Ion:178 Resp: 804259
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 52.804 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:178 Resp: 819917
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.3 12.2 18.2

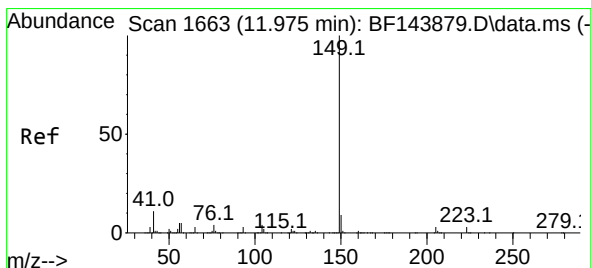
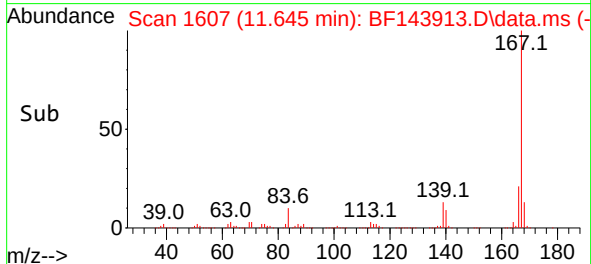
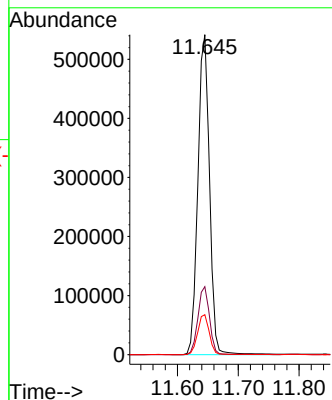
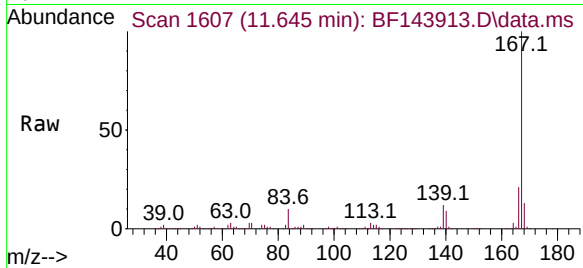




#73
 Carbazole
 Concen: 52.141 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143913.D
 Acq: 09 Oct 2025 17:17

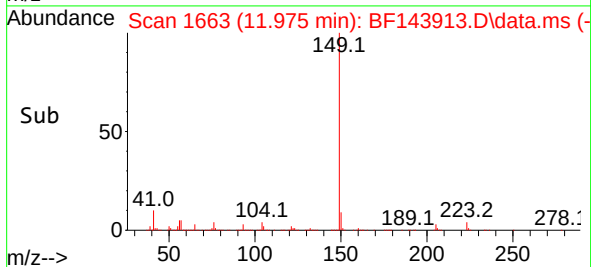
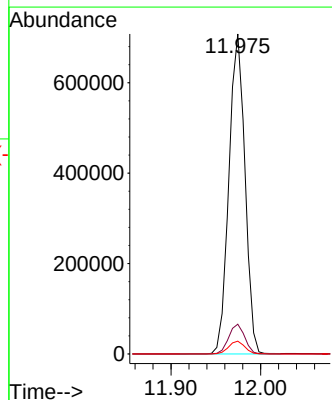
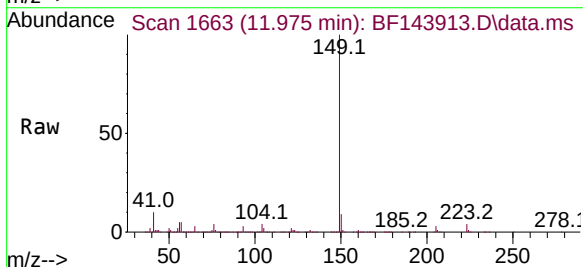
Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MS

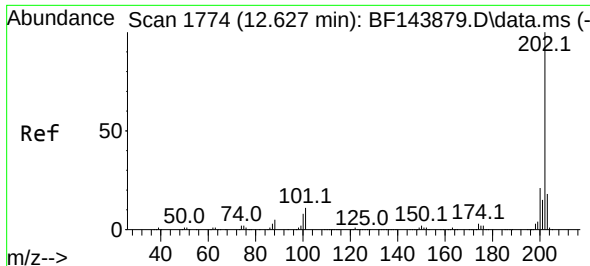
Tgt Ion:167 Resp: 717055
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 55.274 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143913.D
 Acq: 09 Oct 2025 17:17

Tgt Ion:149 Resp: 880976
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.0 3.4 5.2

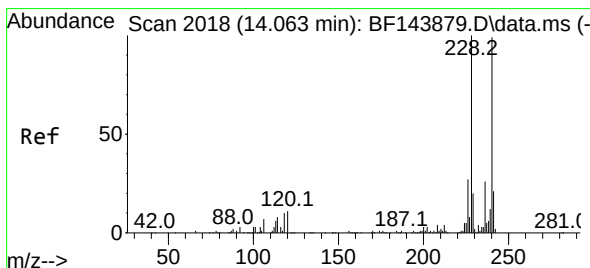
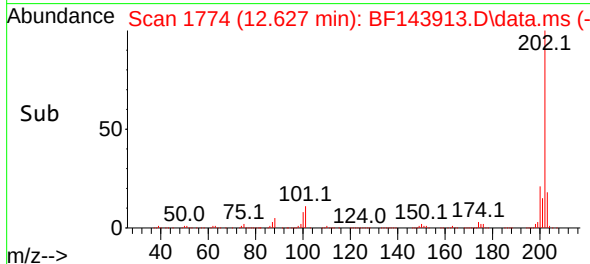
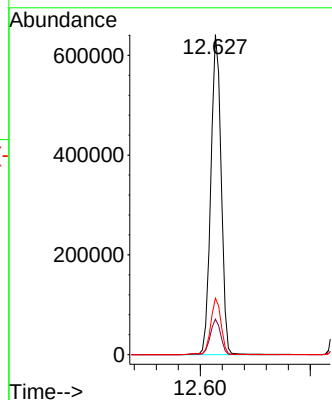
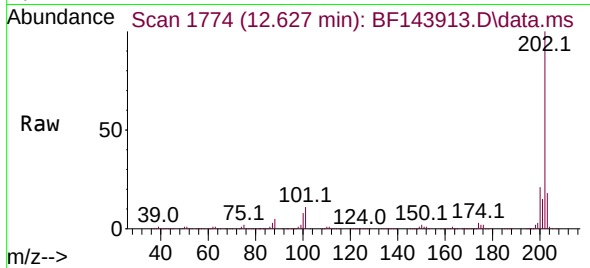




#75
Fluoranthene
Concen: 52.653 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

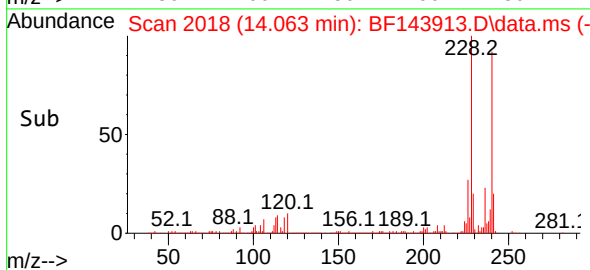
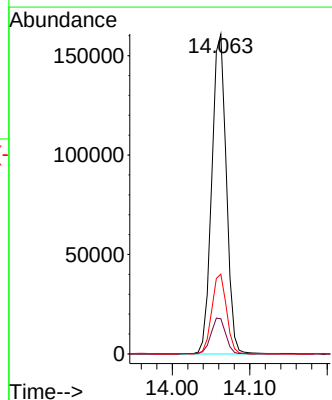
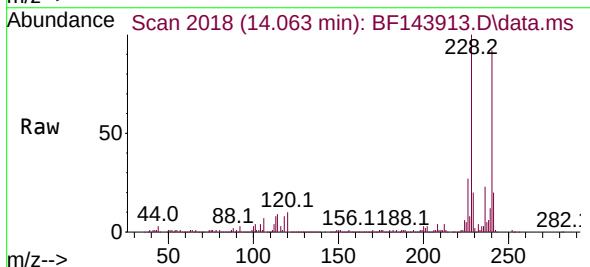
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

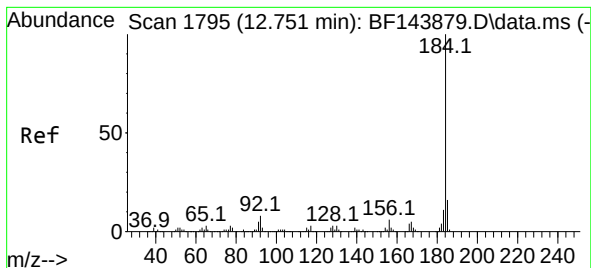
Tgt Ion:202 Resp: 835937
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:240 Resp: 209339
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 24.9 21.1 31.7





#77

Benzidine

Concen: 5.283 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

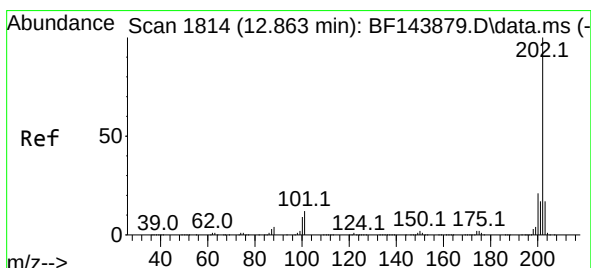
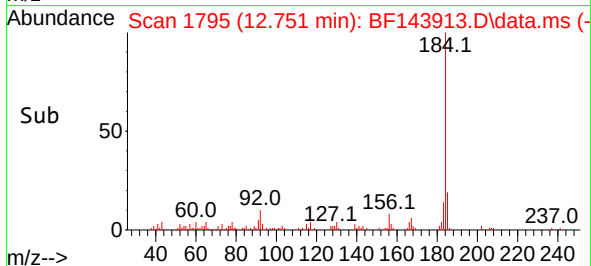
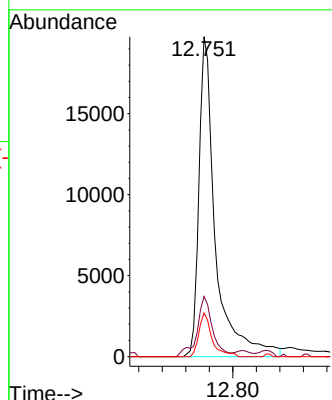
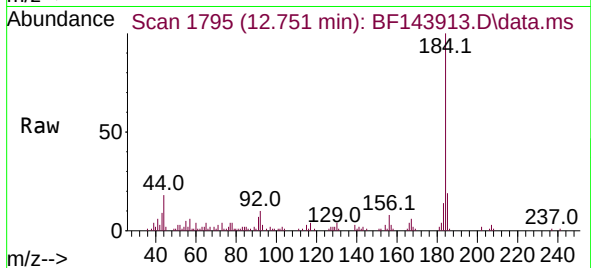
Tgt Ion:184 Resp: 38401

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

183 13.6 8.8 13.2#



#78

Pyrene

Concen: 48.289 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

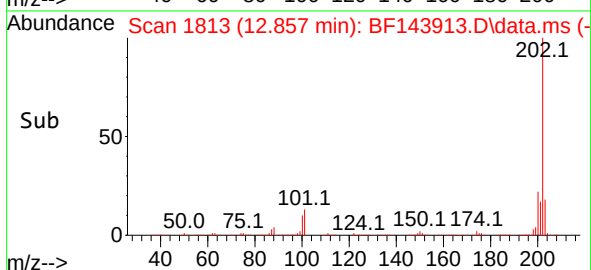
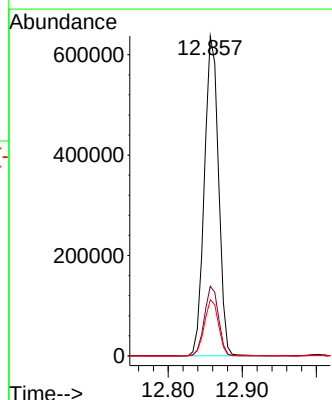
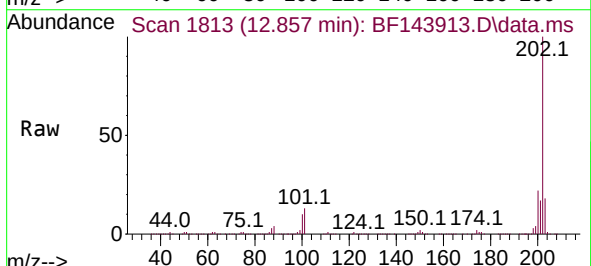
Tgt Ion:202 Resp: 842759

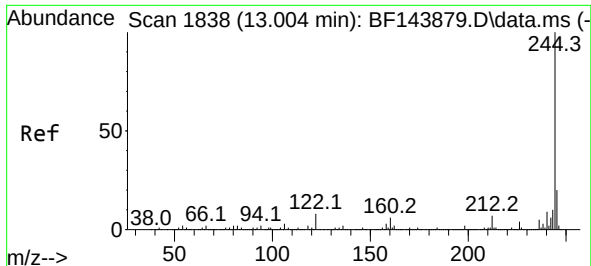
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

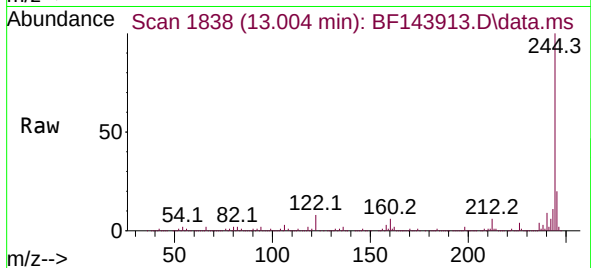
203 17.5 13.8 20.6



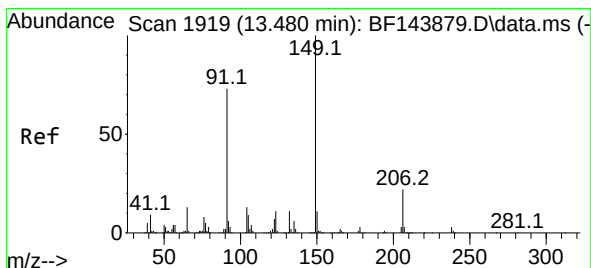
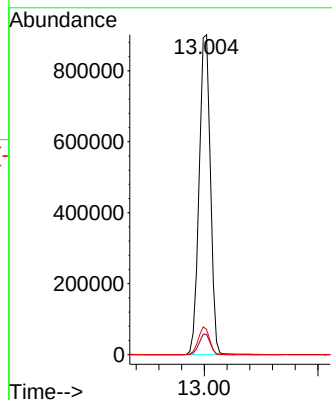
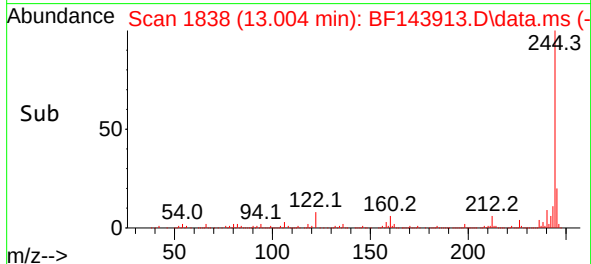


#79
 Terphenyl-d14
 Concen: 100.874 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143913.D
 Acq: 09 Oct 2025 17:17

Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MS

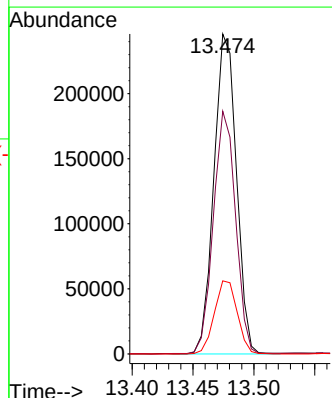
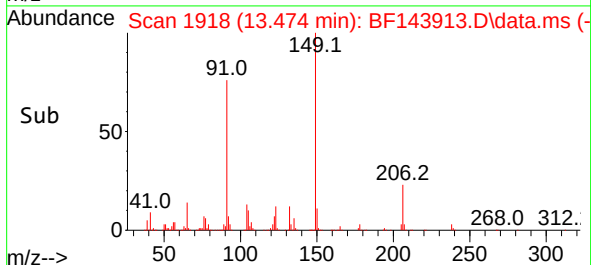
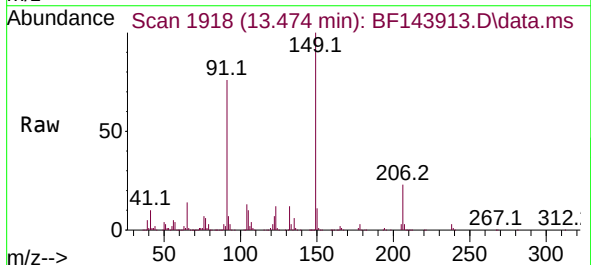


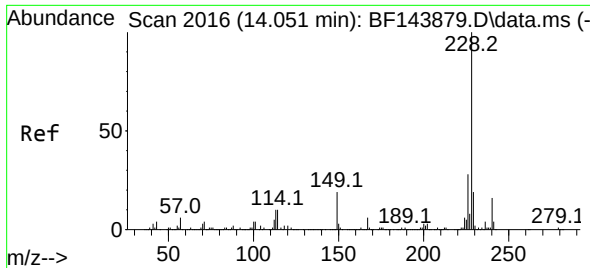
Tgt Ion:244 Resp: 1235567
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.8 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 55.663 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143913.D
 Acq: 09 Oct 2025 17:17

Tgt Ion:149 Resp: 315493
 Ion Ratio Lower Upper
 149 100
 91 75.8 58.2 87.2
 206 22.8 17.9 26.9

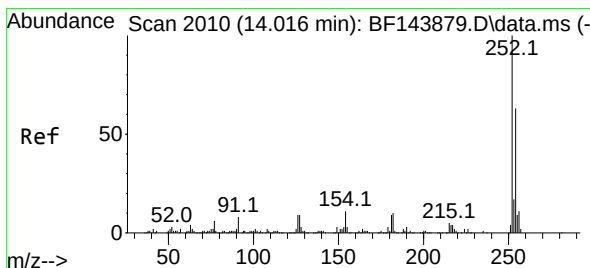
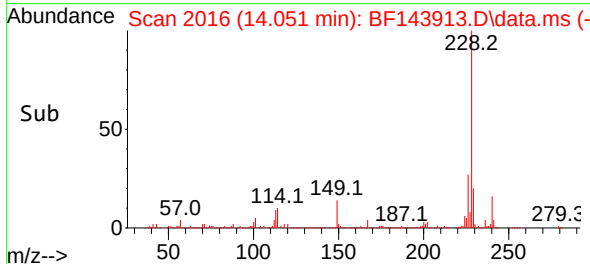
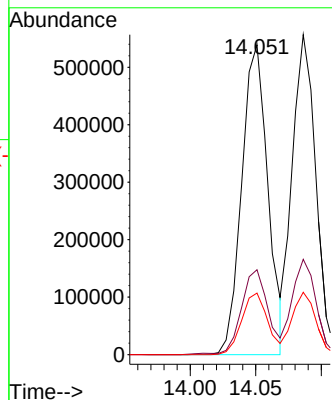
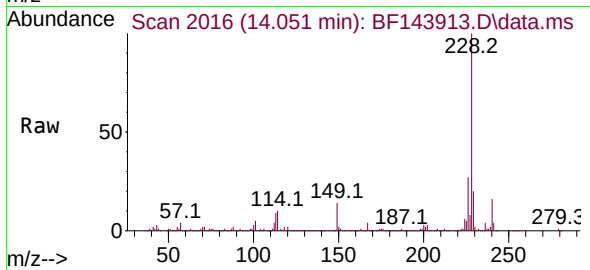




#81
Benzo(a)anthracene
Concen: 54.638 ng
RT: 14.051 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

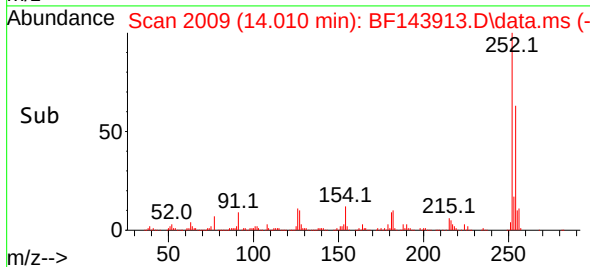
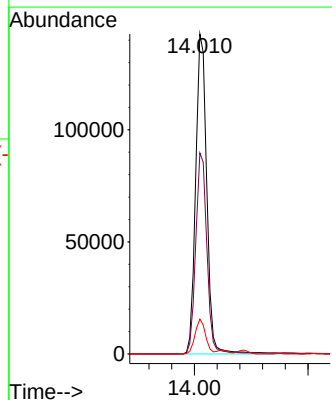
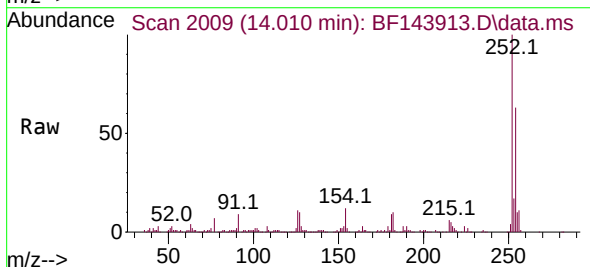
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

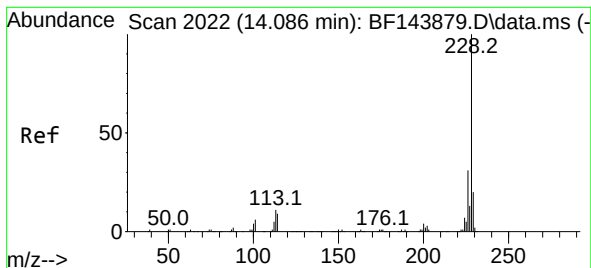
Tgt Ion:228 Resp: 748494
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.9 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 46.179 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:252 Resp: 192788
Ion Ratio Lower Upper
252 100
254 62.8 50.6 76.0
126 10.9 7.0 10.6#





#83

Chrysene

Concen: 54.885 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143913.D

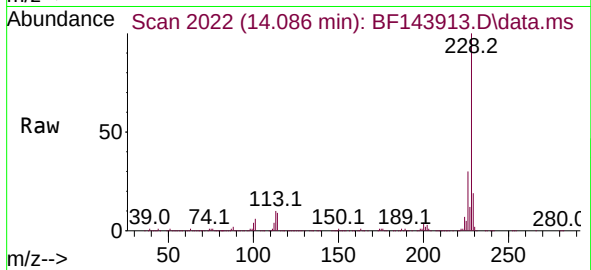
Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS



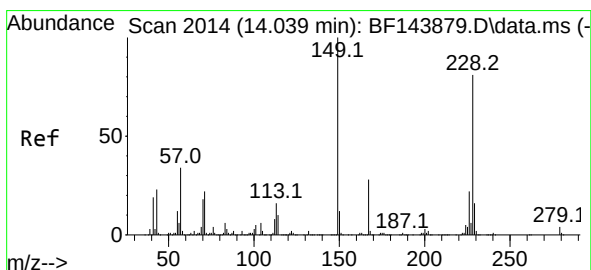
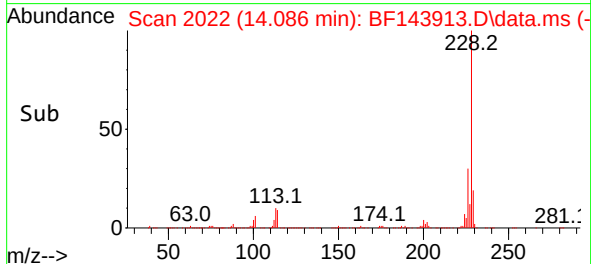
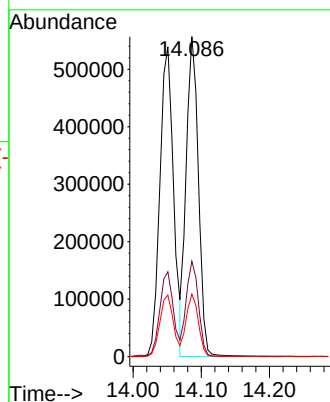
Tgt Ion:228 Resp: 695890

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.774 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

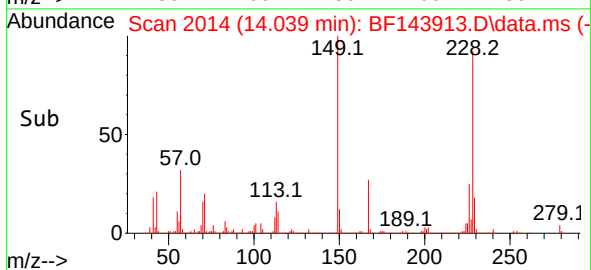
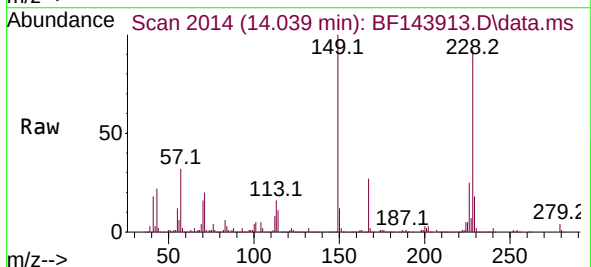
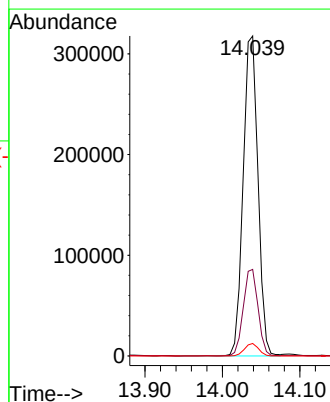
Tgt Ion:149 Resp: 422067

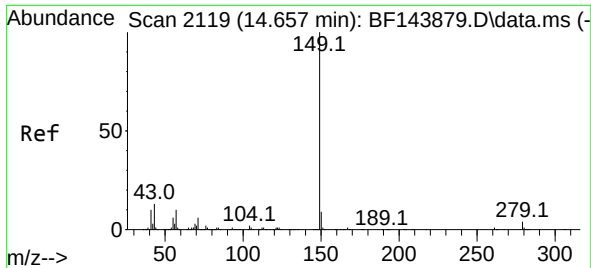
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 3.9 3.1 4.7

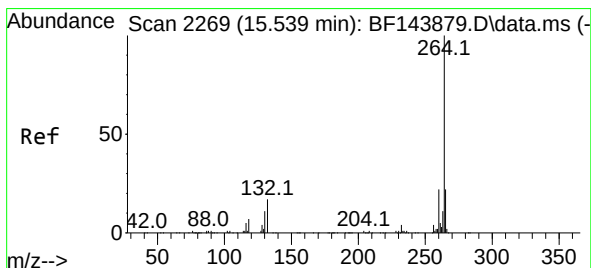
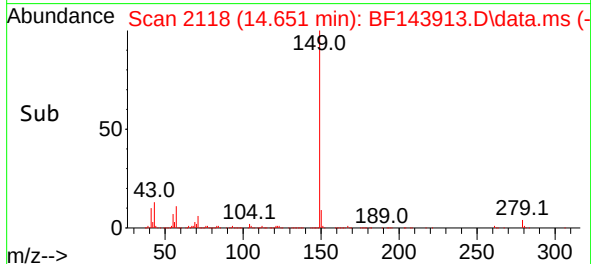
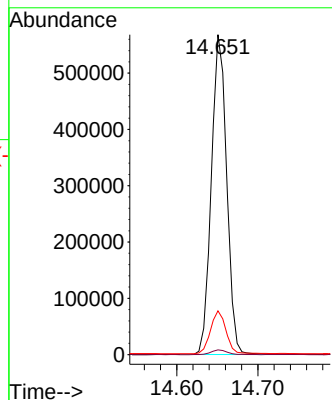
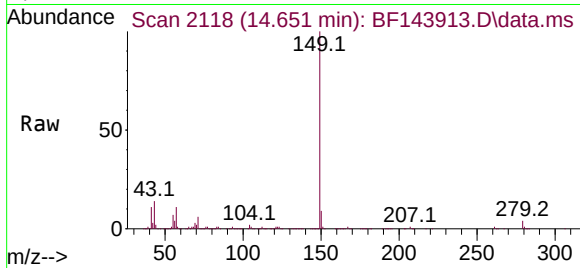




#85
Di-n-octyl phthalate
Concen: 66.623 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

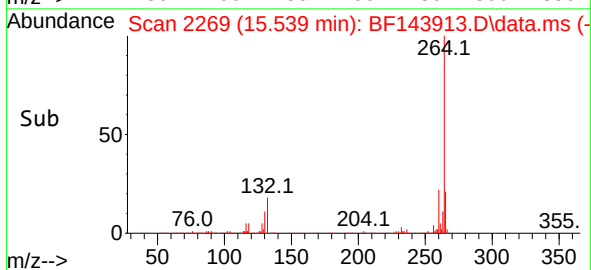
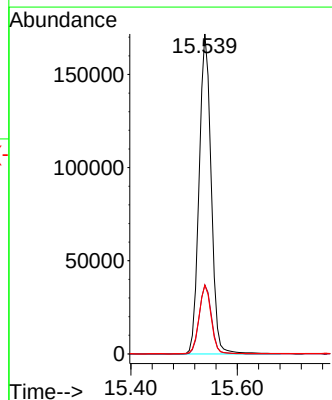
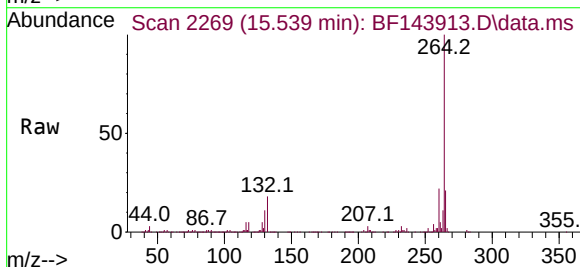
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

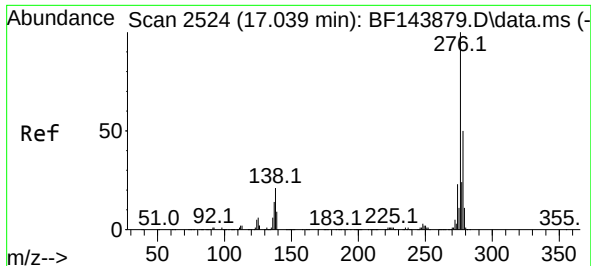
Tgt Ion:149 Resp: 747630
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.6 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:264 Resp: 268756
Ion Ratio Lower Upper
264 100
260 21.6 17.8 26.8
265 21.4 17.5 26.3

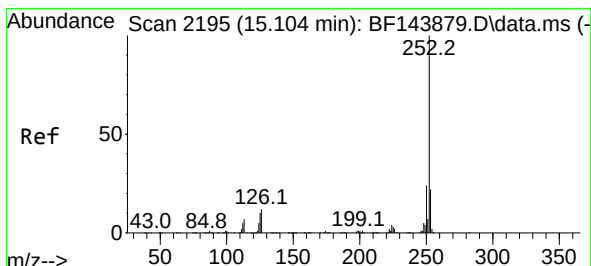
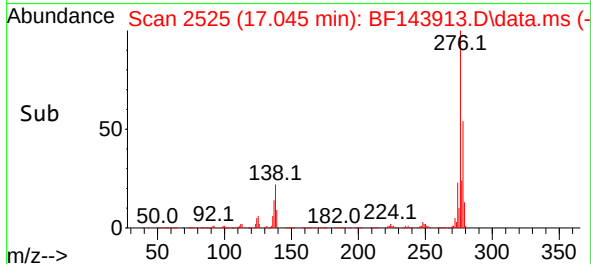
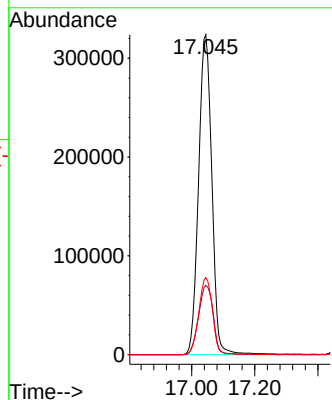
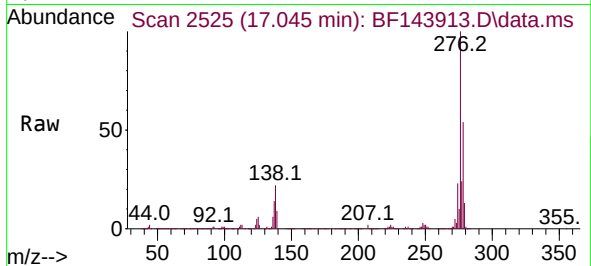




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.388 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

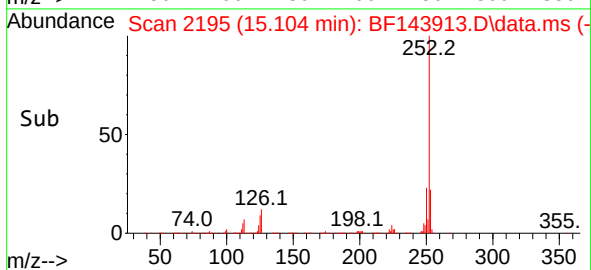
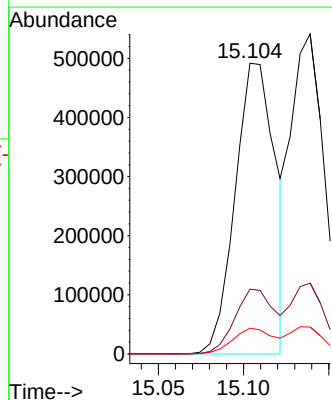
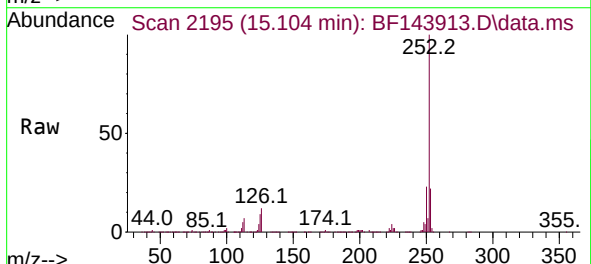
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

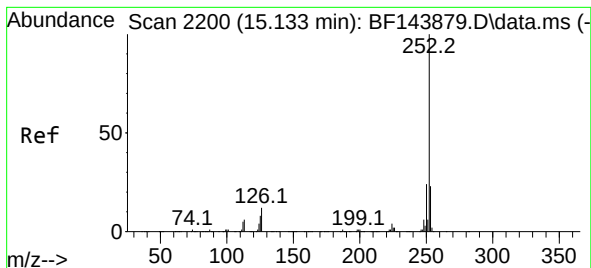
Tgt Ion:276 Resp: 945058
Ion Ratio Lower Upper
276 100
138 23.9 18.2 27.2
277 24.8 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 52.181 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:252 Resp: 805581
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 52.142 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MS

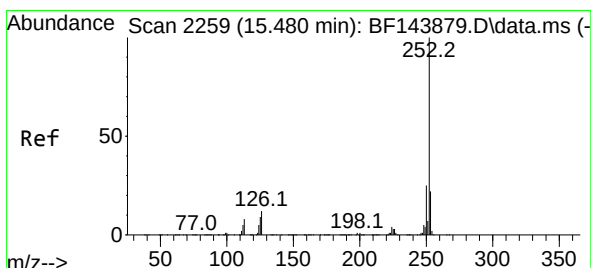
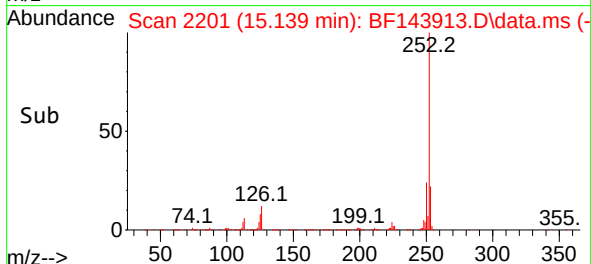
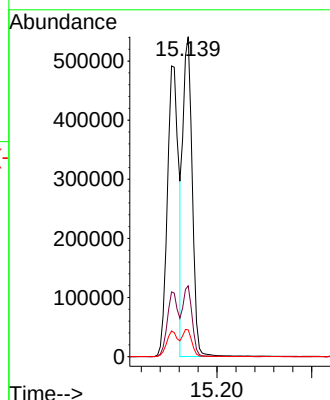
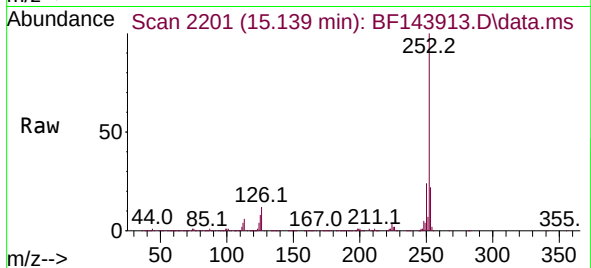
Tgt Ion:252 Resp: 744867

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 56.949 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143913.D

Acq: 09 Oct 2025 17:17

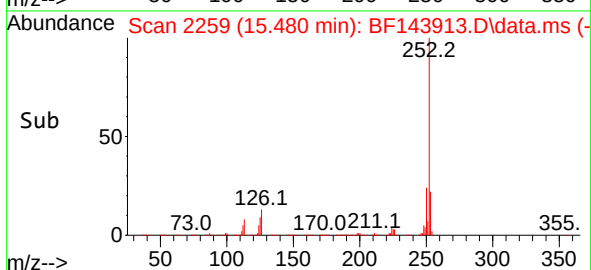
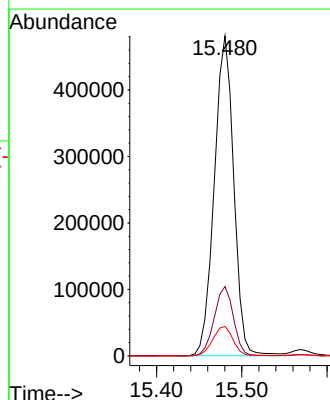
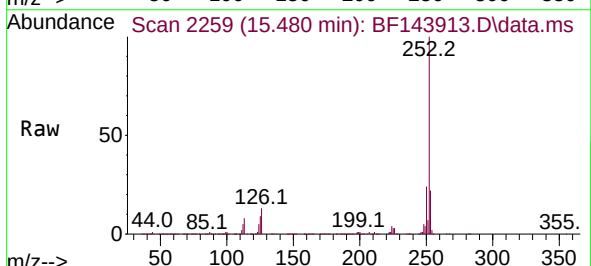
Tgt Ion:252 Resp: 762340

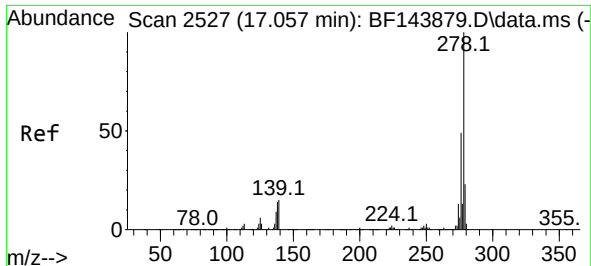
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.2 7.0 10.4

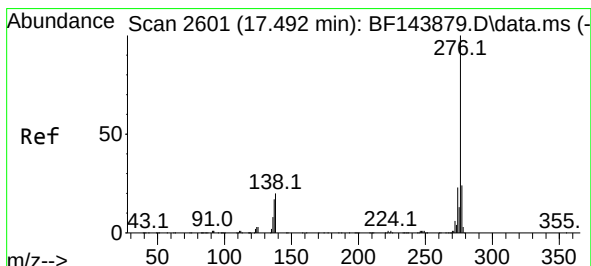
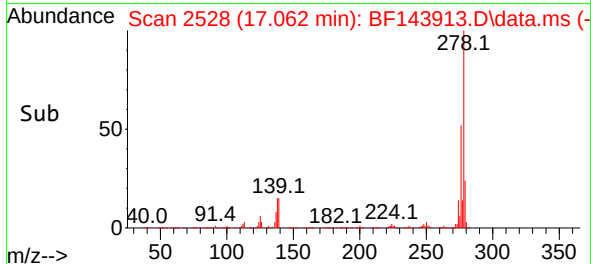
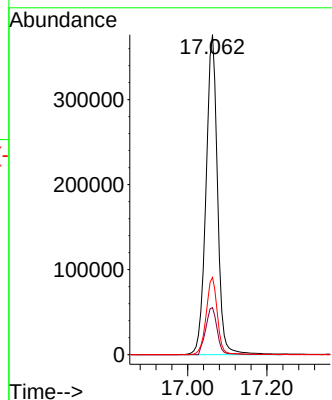
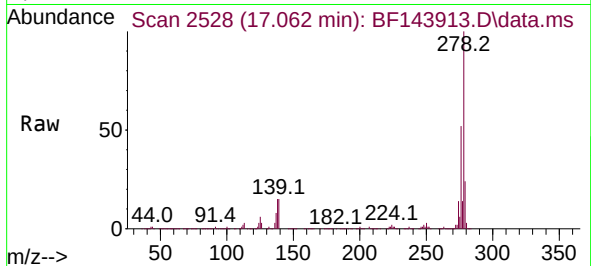




#91
Dibenzo(a,h)anthracene
Concen: 57.410 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MS

Tgt Ion:278 Resp: 760367
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 24.1 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 56.845 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.017 min
Lab File: BF143913.D
Acq: 09 Oct 2025 17:17

Tgt Ion:276 Resp: 752881
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 20.9 16.1 24.1

