

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136683.D
 Acq On : 22 Dec 2023 13:26
 Operator : CG\JU
 Sample : PB157642BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BSD

Quant Time: Dec 22 14:03:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	92185	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	381595	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189480	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	364562	20.000	ng	0.00
76) Chrysene-d12	13.968	240	179528	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	153601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	694745	117.590	ng	0.01
7) Phenol-d6	6.439	99	861115	112.481	ng	0.00
23) Nitrobenzene-d5	7.351	82	546306	73.258	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	248802	111.493	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1027384	72.927	ng	0.00
79) Terphenyl-d14	12.910	244	1029057	80.103	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	72390	29.406	ng	99
3) Pyridine	3.398	79	178772	29.764	ng	93
4) n-Nitrosodimethylamine	3.357	42	131673	41.052	ng	96
6) Aniline	6.451	93	196606	25.686	ng	# 1
8) 2-Chlorophenol	6.575	128	273139	42.245	ng	97
9) Benzaldehyde	6.339	77	69173	15.885	ng	96
10) Phenol	6.451	94	316331	38.707	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	256661	41.297	ng	99
12) 1,3-Dichlorobenzene	6.728	146	271202	38.451	ng	98
13) 1,4-Dichlorobenzene	6.804	146	277317	38.480	ng	98
14) 1,2-Dichlorobenzene	6.951	146	264729	39.476	ng	99
15) Benzyl Alcohol	6.934	79	215697	41.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	417769	41.114	ng	97
17) 2-Methylphenol	7.051	107	217761	40.655	ng	97
18) Hexachloroethane	7.292	117	102022	38.980	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	186623	40.214	ng	98
20) 3+4-Methylphenols	7.204	107	256701	38.361	ng	# 74
22) Acetophenone	7.198	105	373888	39.091	ng	99
24) Nitrobenzene	7.369	77	283456	37.945	ng	99
25) Isophorone	7.610	82	514089	37.886	ng	100
26) 2-Nitrophenol	7.686	139	145855	40.809	ng	96
27) 2,4-Dimethylphenol	7.728	122	222026	51.026	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	315867	38.296	ng	100
29) 2,4-Dichlorophenol	7.928	162	217152	38.764	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	237288	38.018	ng	99
31) Naphthalene	8.086	128	792007	37.780	ng	100
32) Benzoic acid	7.875	122	170476	40.492	ng	100
33) 4-Chloroaniline	8.139	127	175084	22.620	ng	97
34) Hexachlorobutadiene	8.198	225	137573	36.279	ng	99
35) Caprolactam	8.522	113	45221	24.470	ng	91
36) 4-Chloro-3-methylphenol	8.633	107	241592	38.309	ng	99
37) 2-Methylnaphthalene	8.775	142	494623	36.661	ng	100
38) 1-Methylnaphthalene	8.875	142	478444	36.146	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	234442	39.952	ng	98
41) Hexachlorocyclopentadiene	8.928	237	176944	93.679	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	154325	41.008	ng	98

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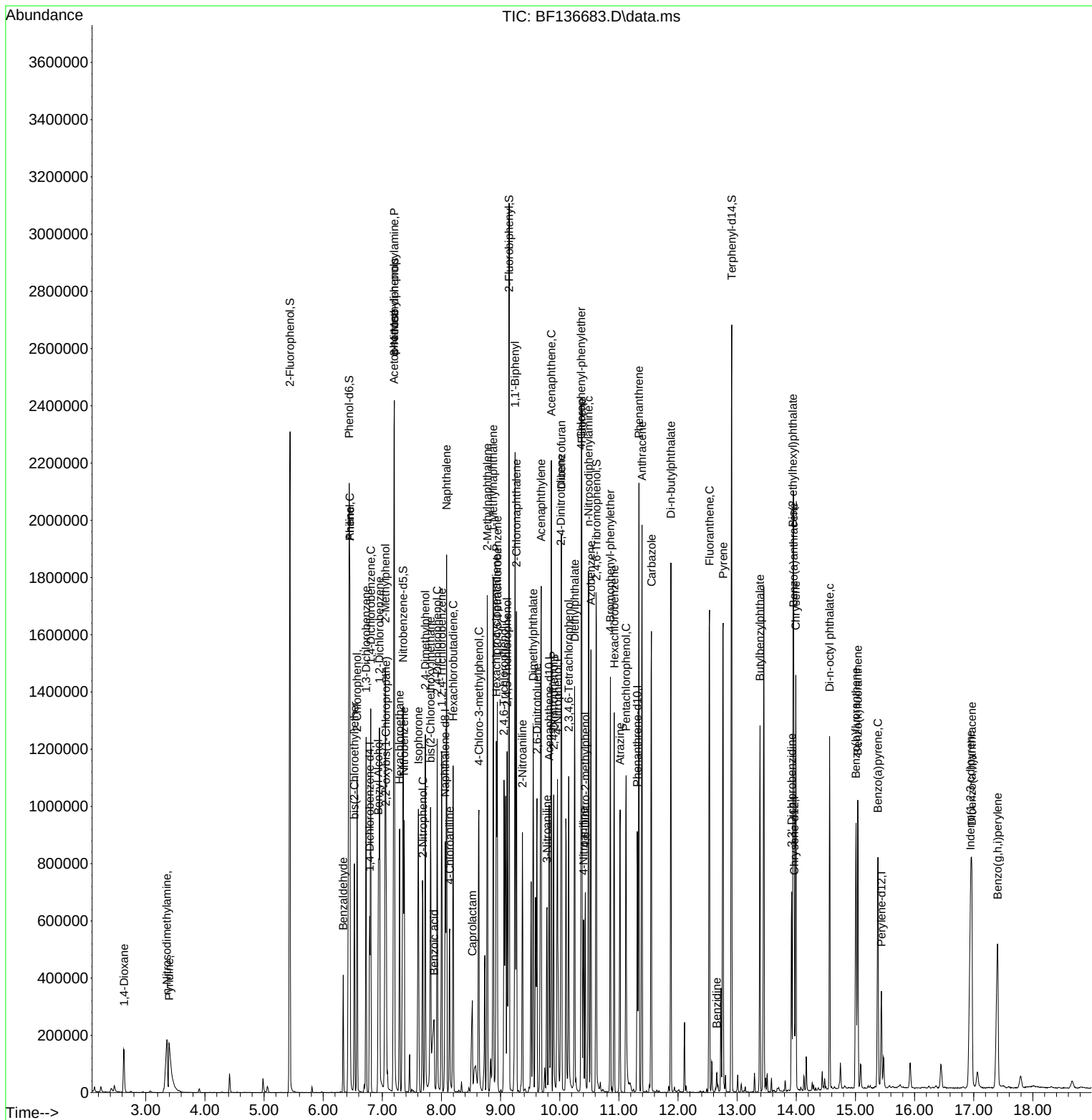
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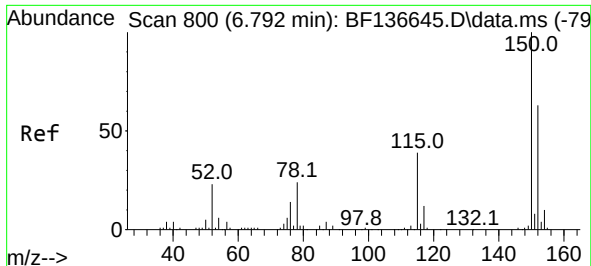
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	169319	40.375	ng	94
46) 1,1'-Biphenyl	9.245	154	625813	39.359	ng	100
47) 2-Chloronaphthalene	9.269	162	467317	38.661	ng	99
48) 2-Nitroaniline	9.369	65	154098	40.710	ng	97
49) Acenaphthylene	9.686	152	757526	41.001	ng	99
50) Dimethylphthalate	9.551	163	558217	40.333	ng	99
51) 2,6-Dinitrotoluene	9.616	165	122439	38.981	ng	95
52) Acenaphthene	9.857	154	441195	38.523	ng	99
53) 3-Nitroaniline	9.786	138	106756	32.085	ng	92
54) 2,4-Dinitrophenol	9.898	184	138345	79.496	ng	90
55) Dibenzofuran	10.027	168	675554	38.912	ng	99
56) 4-Nitrophenol	9.963	139	177418	78.988	ng	100
57) 2,4-Dinitrotoluene	10.022	165	157257	38.566	ng	98
58) Fluorene	10.375	166	535135	38.848	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	142373	44.103	ng	99
60) Diethylphthalate	10.251	149	566958	39.482	ng	99
61) 4-Chlorophenyl-phenylether	10.363	204	254319	37.983	ng	100
62) 4-Nitroaniline	10.404	138	122062	38.054	ng	99
63) Azobenzene	10.527	77	526054	39.222	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	88448	42.334	ng	92
66) n-Nitrosodiphenylamine	10.486	169	484411	40.904	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158383	39.119	ng	99
68) Hexachlorobenzene	10.922	284	176232	39.059	ng	98
69) Atrazine	11.022	200	119715	39.523	ng	99
70) Pentachlorophenol	11.122	266	149464	71.069	ng	97
71) Phenanthrene	11.339	178	746595	39.912	ng	99
72) Anthracene	11.392	178	757959	40.010	ng	99
73) Carbazole	11.551	167	690924	38.684	ng	99
74) Di-n-butylphthalate	11.880	149	868538	39.851	ng	99
75) Fluoranthene	12.533	202	746421	37.304	ng	99
77) Benzidine	12.657	184	31430	5.937	ng	98
78) Pyrene	12.763	202	746785	42.374	ng	100
80) Butylbenzylphthalate	13.386	149	283121	44.150	ng	100
81) Benzo(a)anthracene	13.957	228	508003	40.750	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	145040	40.968	ng	99
83) Chrysene	13.992	228	494079	40.529	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	351347	43.546	ng	99
85) Di-n-octyl phthalate	14.562	149	556335	44.576	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	570054	51.402	ng	99
88) Benzo(b)fluoranthene	15.009	252	451013	43.962	ng	99
89) Benzo(k)fluoranthene	15.039	252	441519	45.546	ng	99
90) Benzo(a)pyrene	15.380	252	398474	46.014	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	484262	53.225	ng	98
92) Benzo(g,h,i)perylene	17.403	276	479703	51.477	ng	99

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

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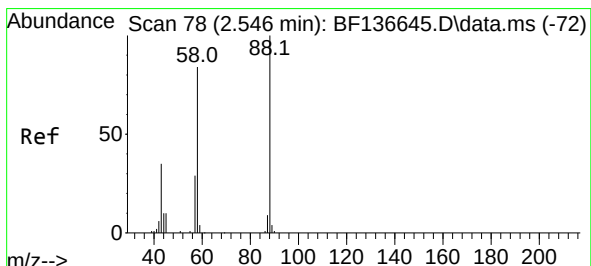
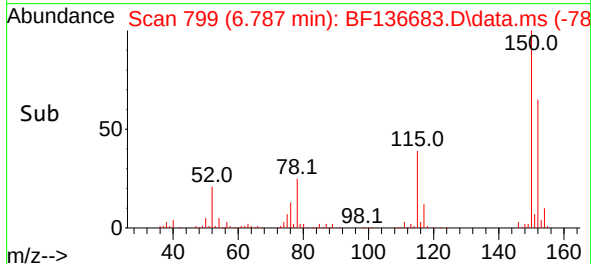
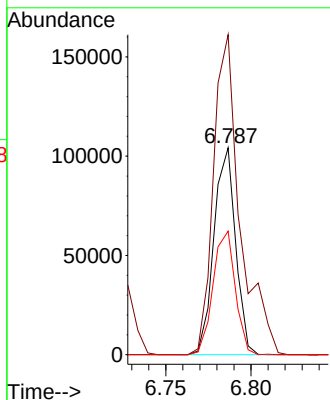
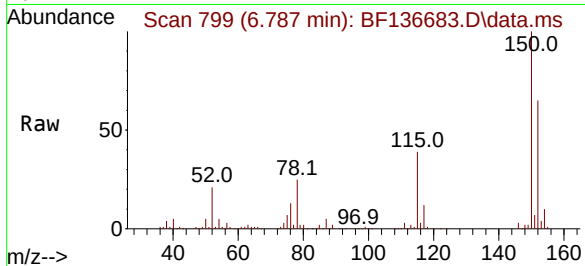




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

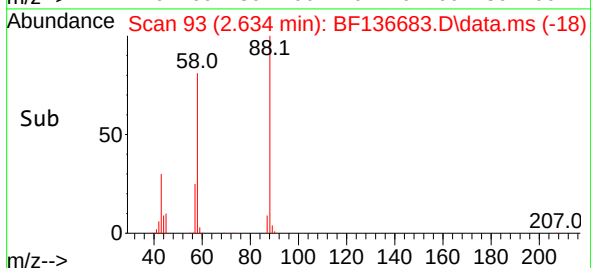
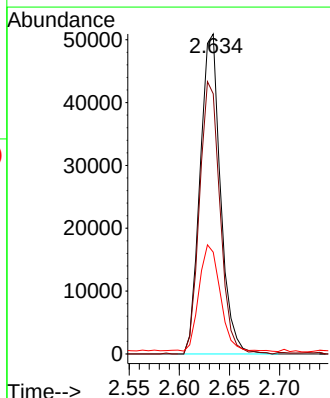
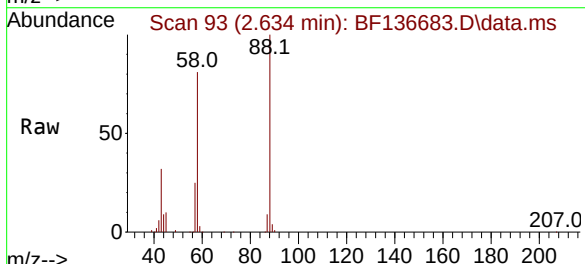
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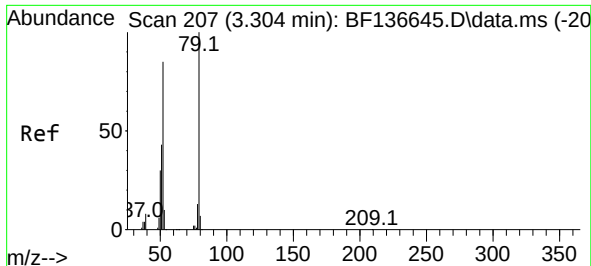
Tgt Ion:152 Resp: 92185
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.0 190.6
 115 59.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 29.406 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

Tgt Ion: 88 Resp: 72390
 Ion Ratio Lower Upper
 88 100
 58 85.2 67.4 101.0
 43 34.9 27.7 41.5

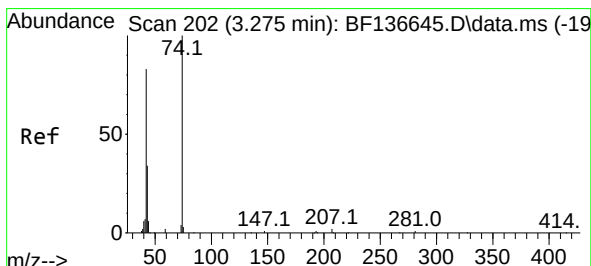
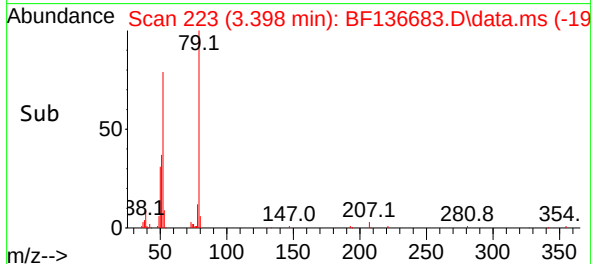
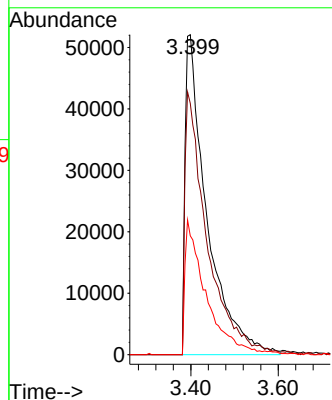
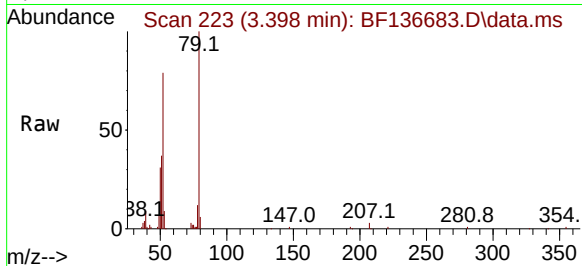




#3
 Pyridine
 Concen: 29.764 ng
 RT: 3.398 min Scan# 216
 Delta R.T. 0.094 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

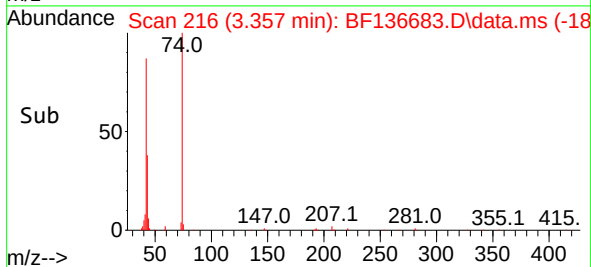
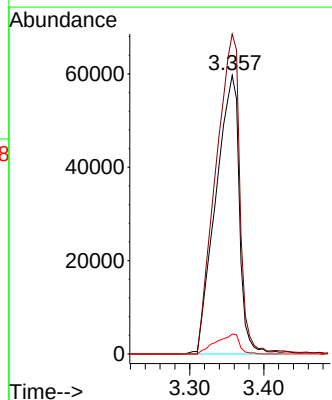
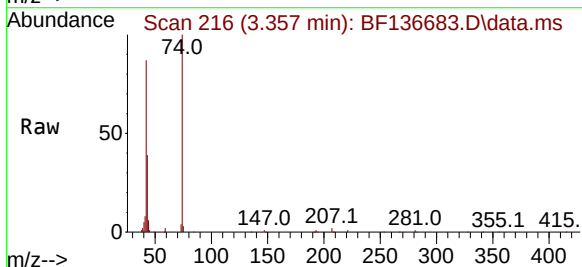
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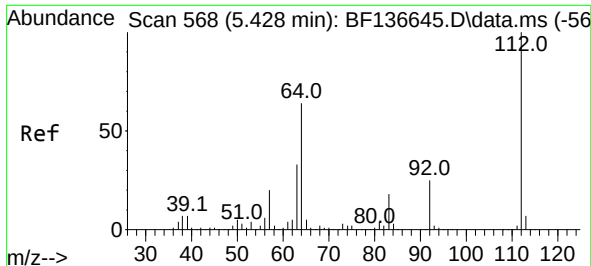
Tgt Ion: 79 Resp: 178772
 Ion Ratio Lower Upper
 79 100
 52 78.5 67.7 101.5
 51 37.2 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 41.052 ng
 RT: 3.357 min Scan# 216
 Delta R.T. 0.082 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

Tgt Ion: 42 Resp: 131673
 Ion Ratio Lower Upper
 42 100
 74 114.9 96.0 144.0
 44 7.1 5.4 8.2

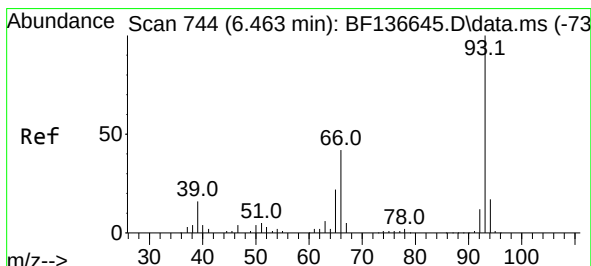
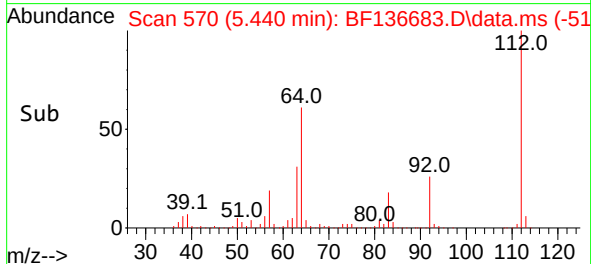
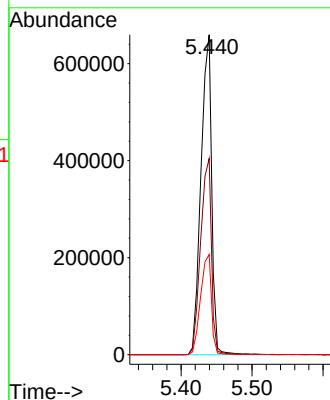
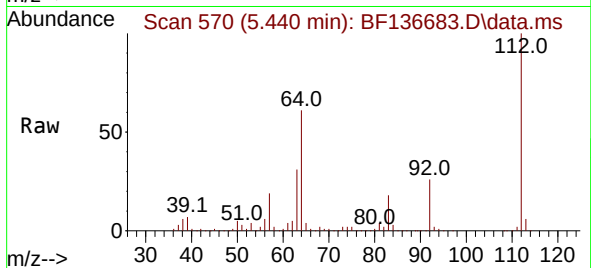




#5
2-Fluorophenol
Concen: 117.590 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

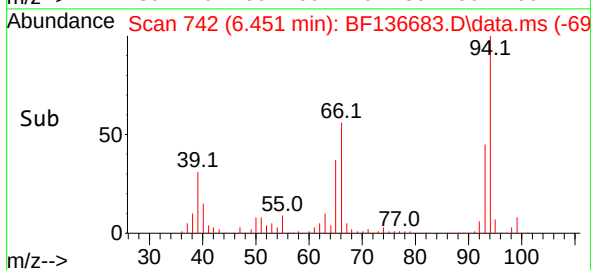
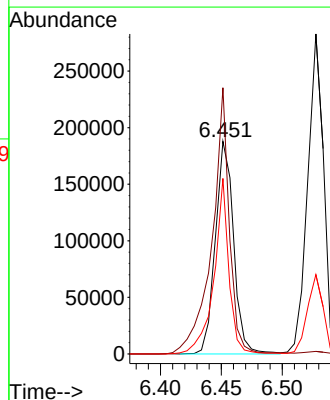
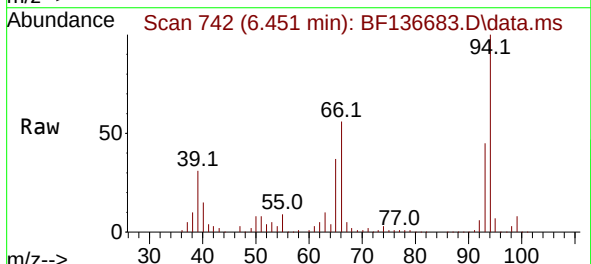
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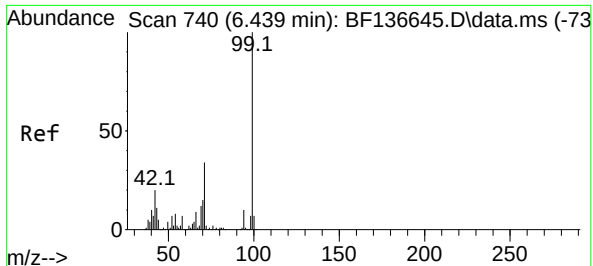
Tgt Ion:112 Resp: 694745
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 31.3 26.1 39.1



#6
Aniline
Concen: 25.686 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion: 93 Resp: 196606
Ion Ratio Lower Upper
93 100
66 125.2 34.6 51.8#
65 82.5 17.8 26.8#

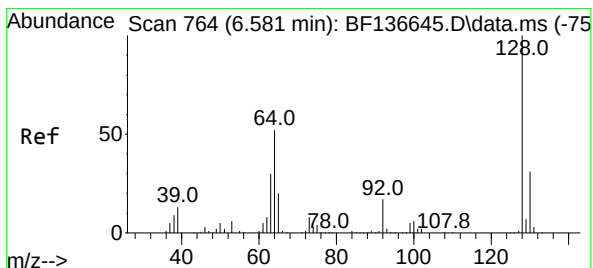
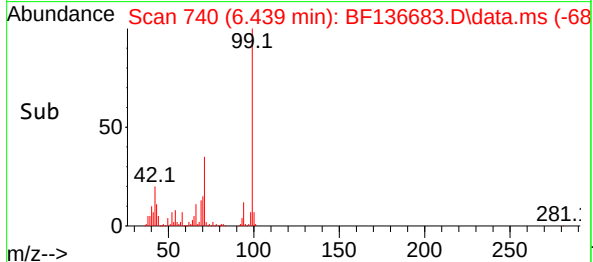
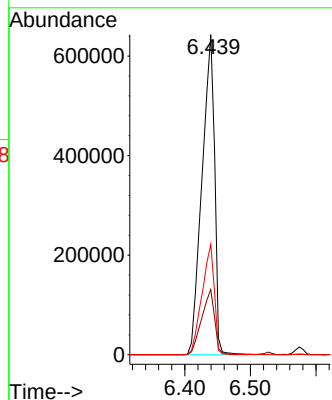
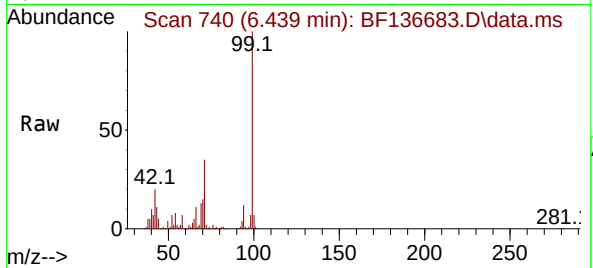




#7
Phenol-d6
Concen: 112.481 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

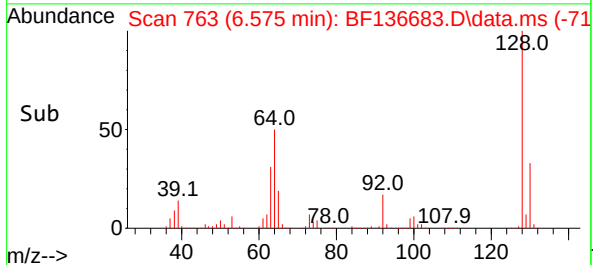
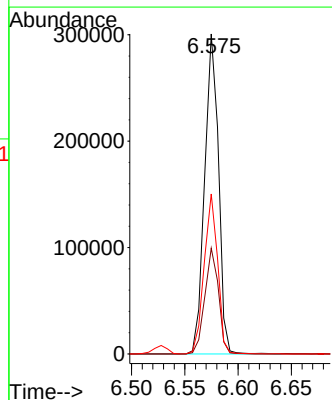
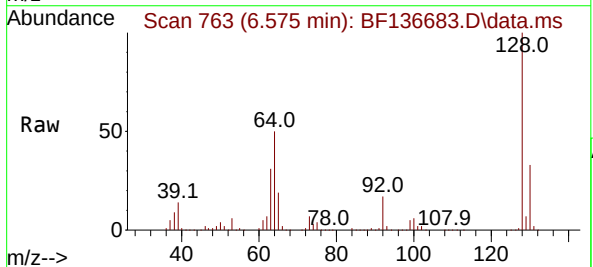
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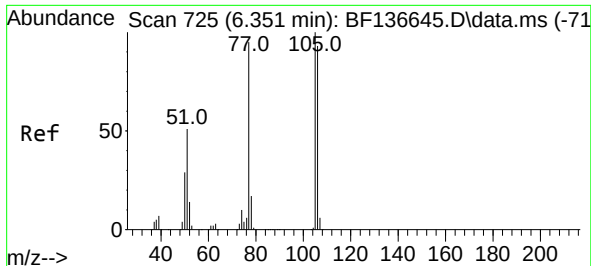
Tgt Ion: 99 Resp: 861115
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.5 27.4 41.2



#8
2-Chlorophenol
Concen: 42.245 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:128 Resp: 273139
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 50.0 32.5 72.5

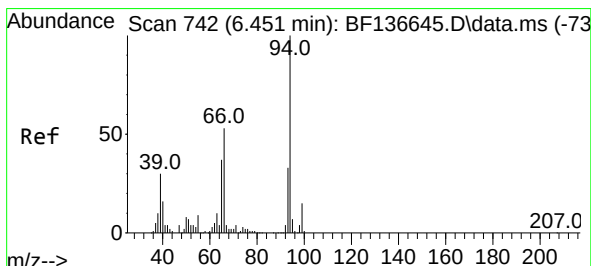
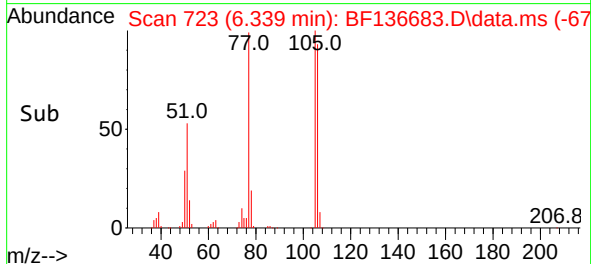
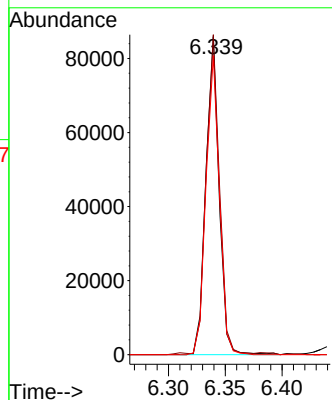
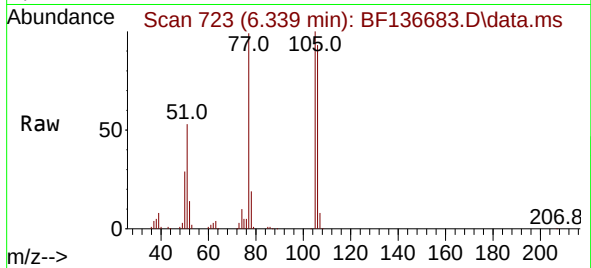




#9
Benzaldehyde
Concen: 15.885 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

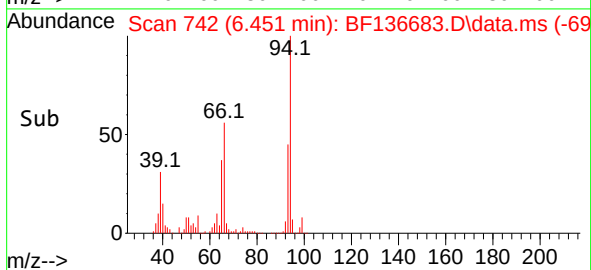
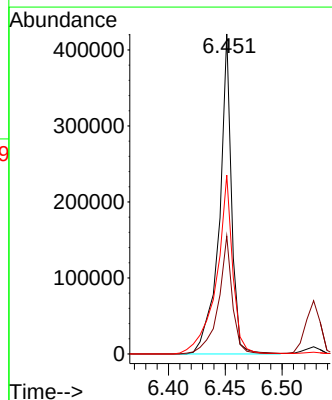
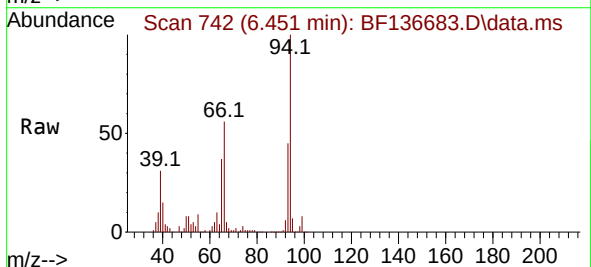
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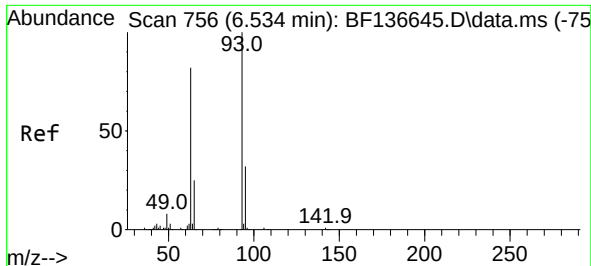
Tgt Ion: 77 Resp: 69173
Ion Ratio Lower Upper
77 100
105 100.6 84.8 124.8
106 94.0 77.8 117.8



#10
Phenol
Concen: 38.707 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 316331
Ion Ratio Lower Upper
94 100
65 36.8 16.6 56.6
66 55.9 32.6 72.6

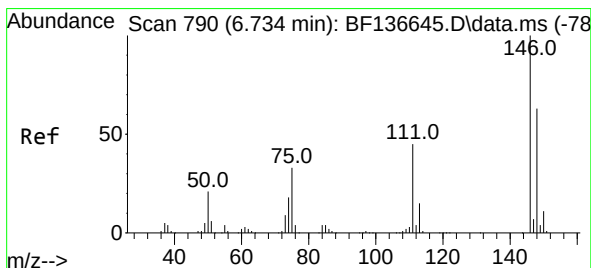
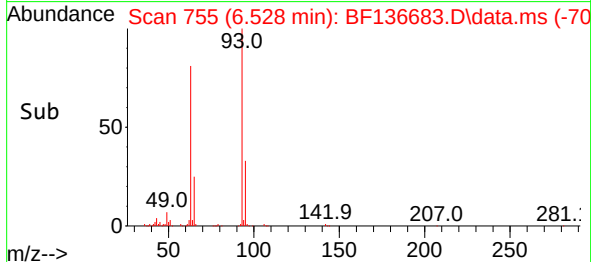
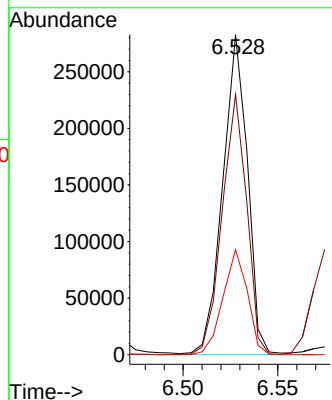
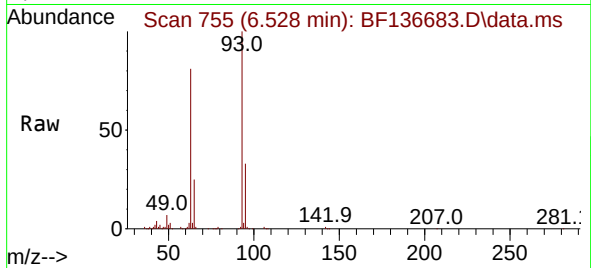




#11
bis(2-Chloroethyl)ether
Concen: 41.297 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

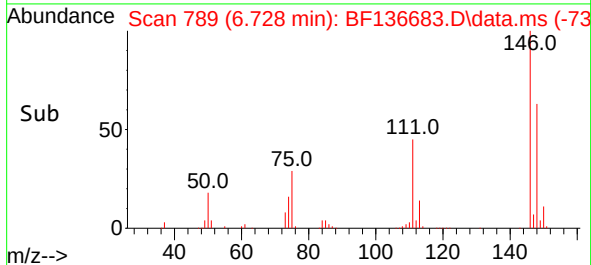
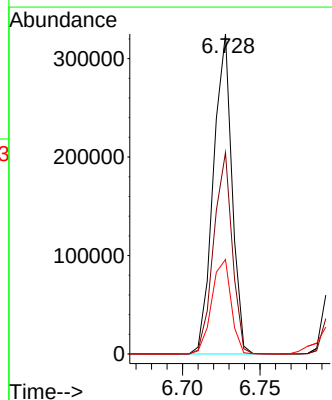
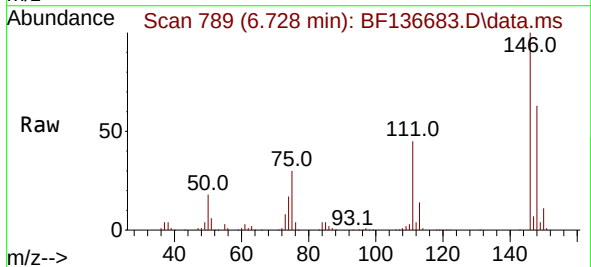
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

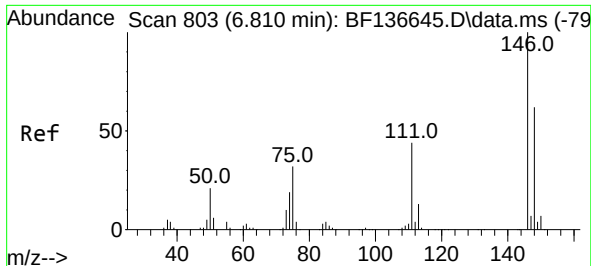
Tgt Ion: 93 Resp: 256661
Ion Ratio Lower Upper
93 100
63 81.4 61.2 101.2
95 32.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.451 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:146 Resp: 271202
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 29.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.480 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

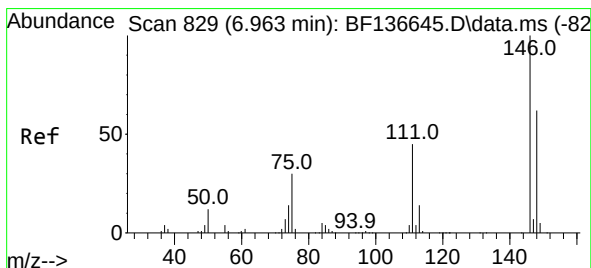
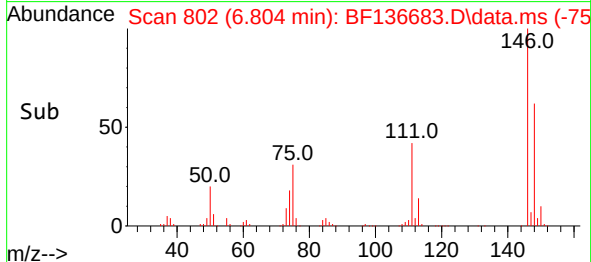
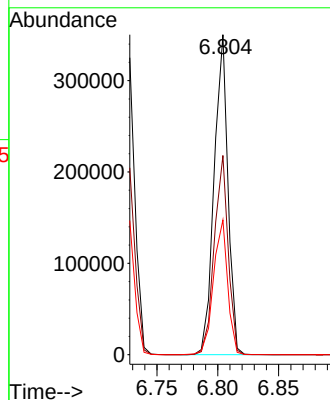
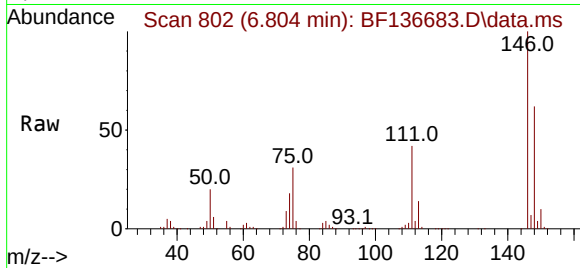
Tgt Ion:146 Resp: 277317

Ion Ratio Lower Upper

146 100

148 62.3 49.2 73.8

111 42.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.476 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

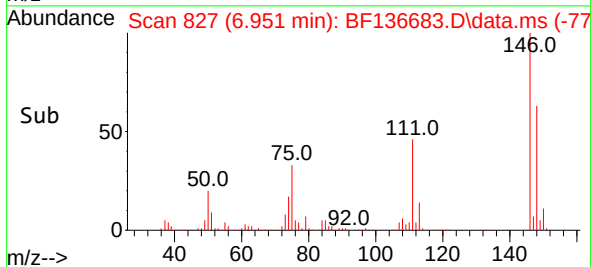
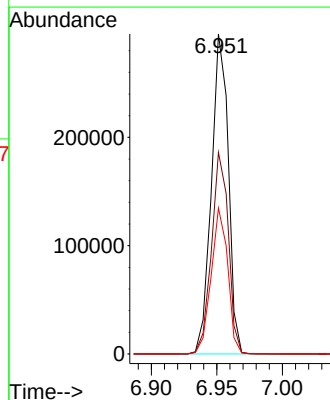
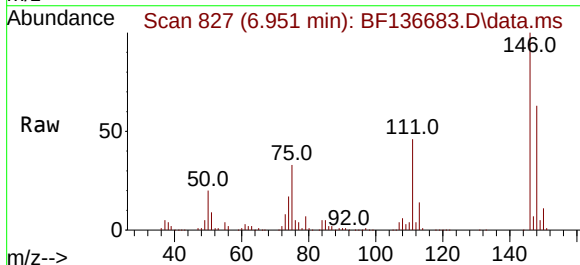
Tgt Ion:146 Resp: 264729

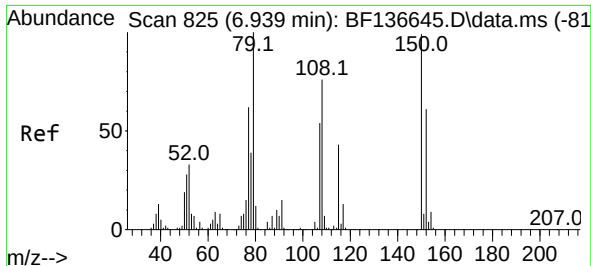
Ion Ratio Lower Upper

146 100

148 63.0 49.6 74.4

111 45.6 36.2 54.2

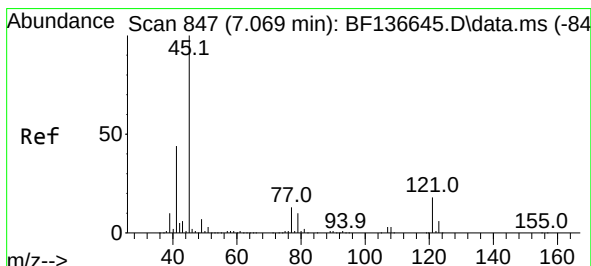
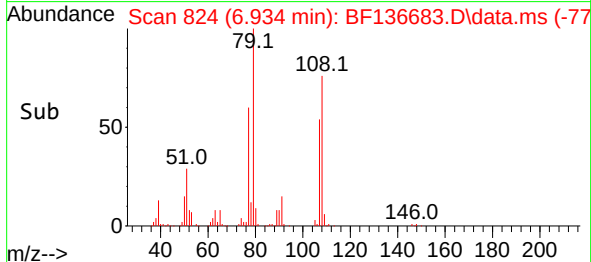
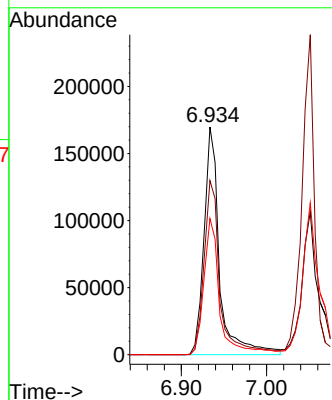
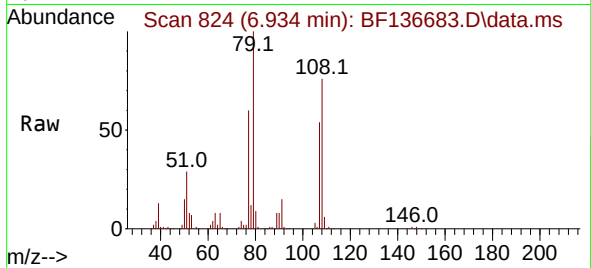




#15
Benzyl Alcohol
Concen: 41.763 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

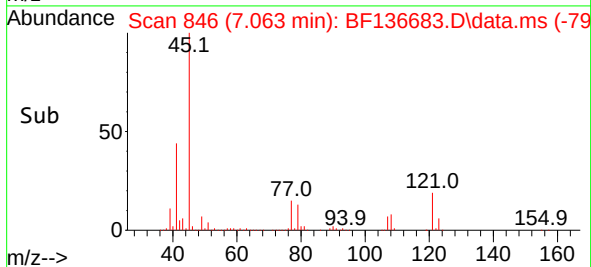
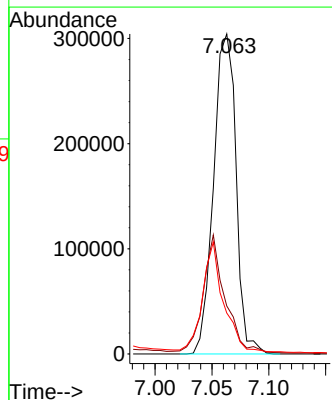
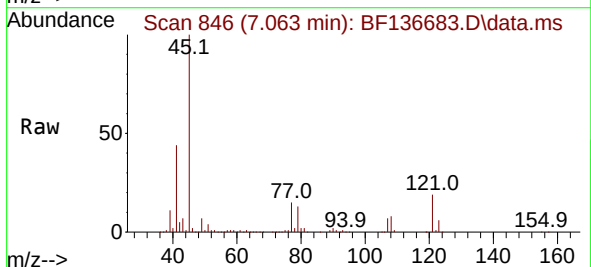
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

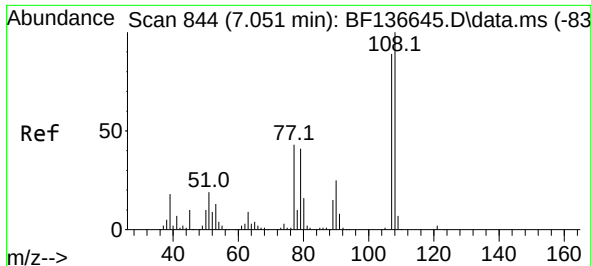
Tgt Ion: 79 Resp: 215697
Ion Ratio Lower Upper
79 100
108 76.5 61.0 91.6
77 59.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.114 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion: 45 Resp: 417769
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 12.8 0.0 31.4



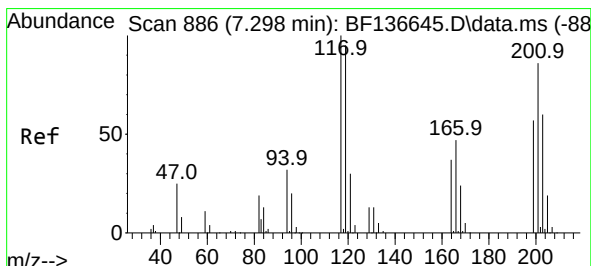
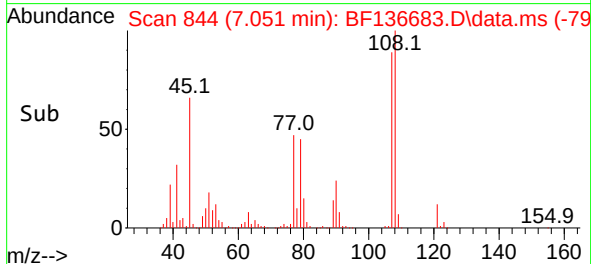
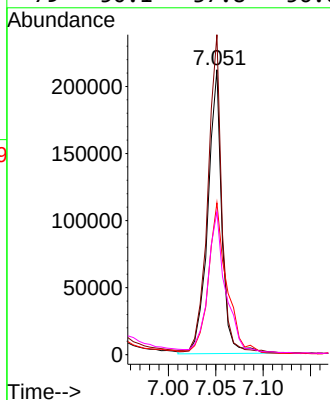
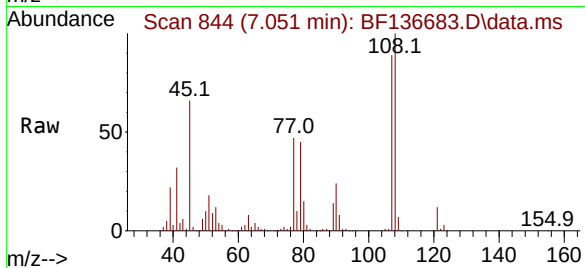


#17
2-Methylphenol
Concen: 40.655 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB157642BSD

Tgt Ion:107 Resp: 217761

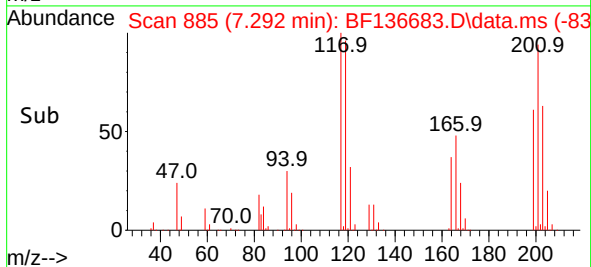
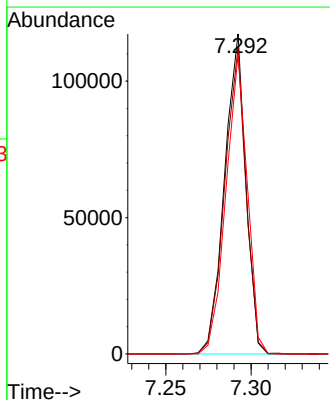
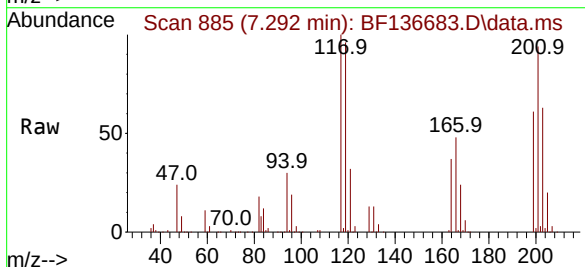
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	53.3	38.7	58.1
79	50.1	37.8	56.6

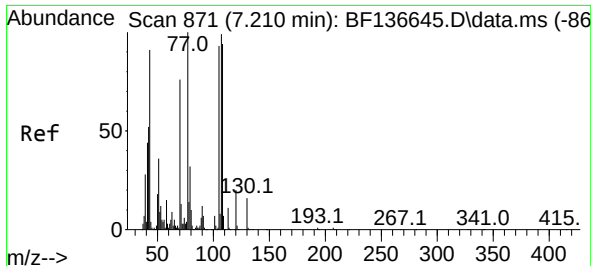


#18
Hexachloroethane
Concen: 38.980 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:117 Resp: 102022

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
201	93.6	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.214 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136683.D

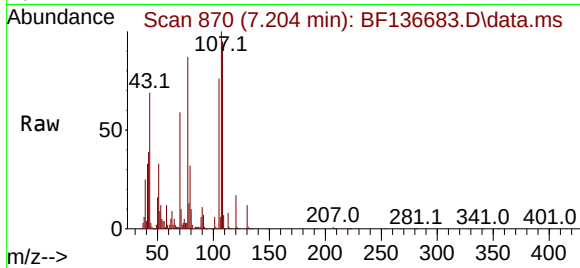
Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD



Tgt Ion: 70 Resp: 186623

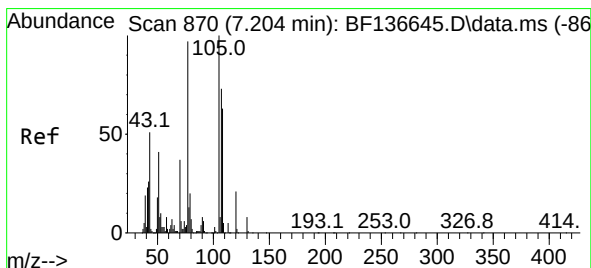
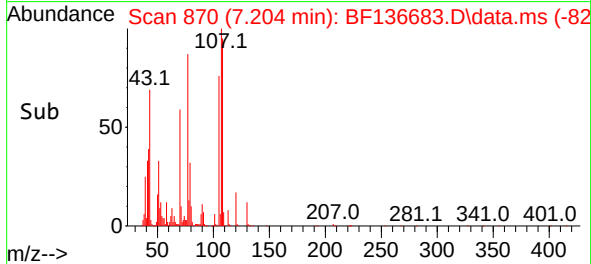
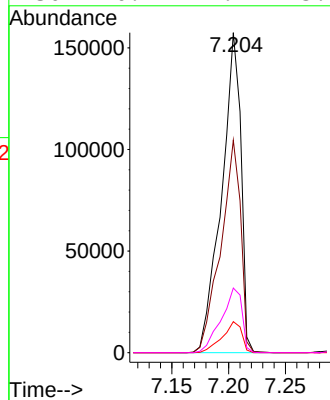
Ion Ratio Lower Upper

70 100

42 66.4 54.2 81.4

101 9.7 7.6 11.4

130 20.2 17.1 25.7



#20

3+4-Methylphenols

Concen: 38.361 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Tgt Ion: 107 Resp: 256701

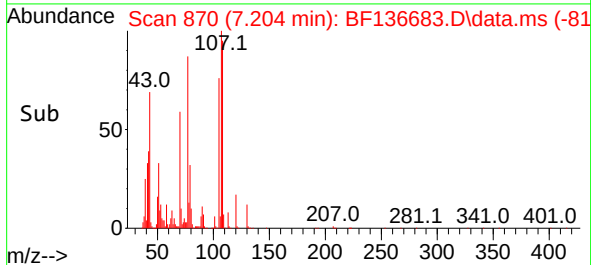
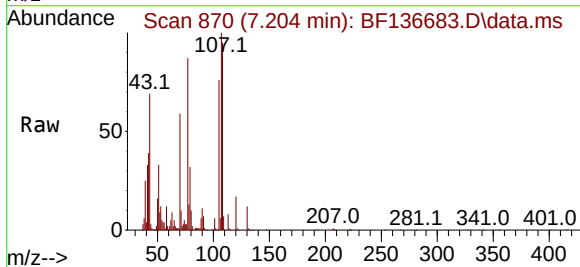
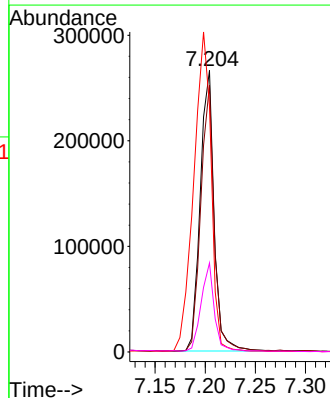
Ion Ratio Lower Upper

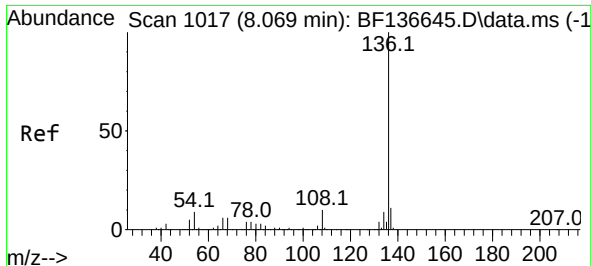
107 100

108 94.8 66.0 106.0

77 87.3 114.2 154.2#

79 31.6 7.2 47.2

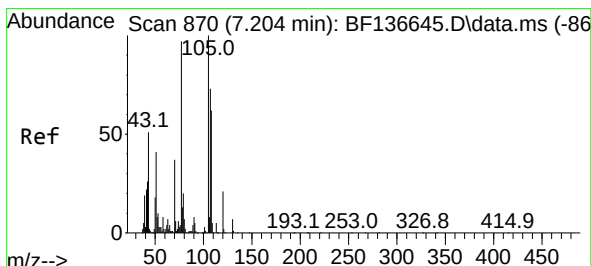
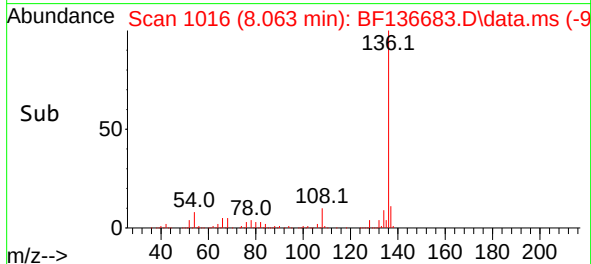
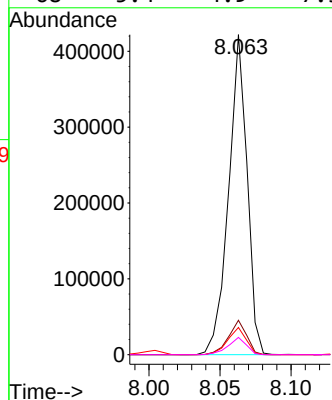
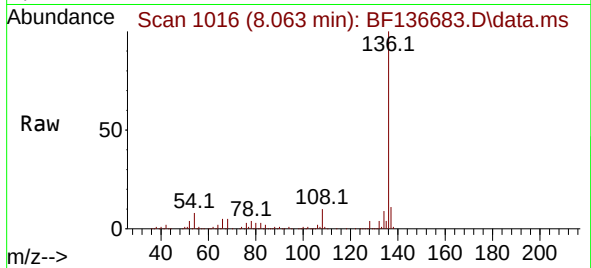




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

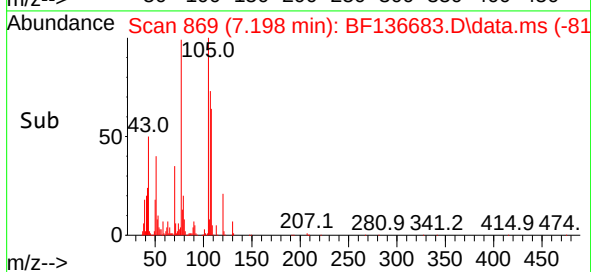
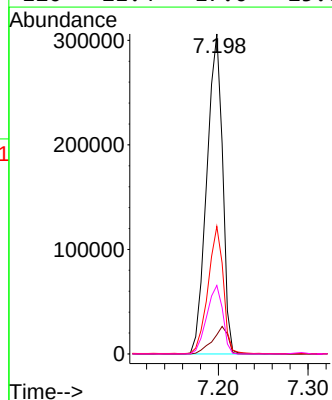
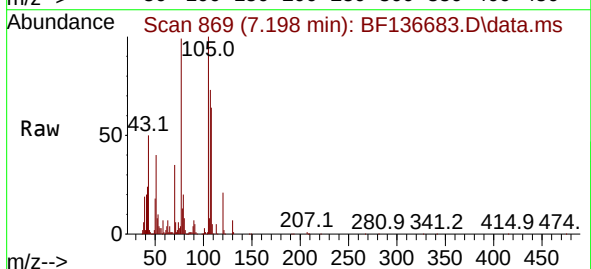
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

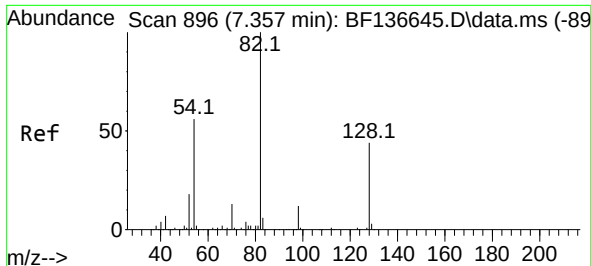
Tgt Ion:136	Resp:	381595
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	8.5	7.2 10.8
68	5.4	4.9 7.3



#22
Acetophenone
Concen: 39.091 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:105	Resp:	373888
Ion Ratio	Lower	Upper
105	100	
71	6.0	4.8 7.2
51	39.8	32.8 49.2
120	21.4	17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.258 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

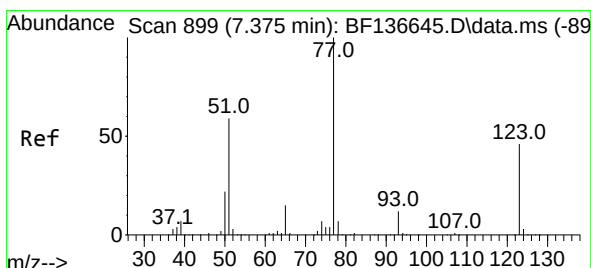
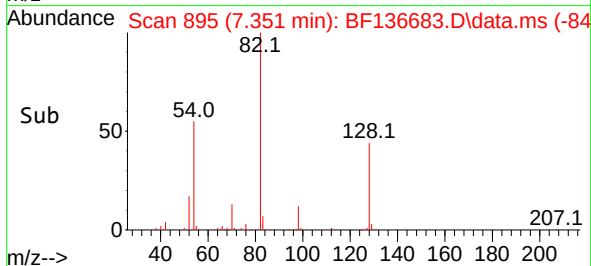
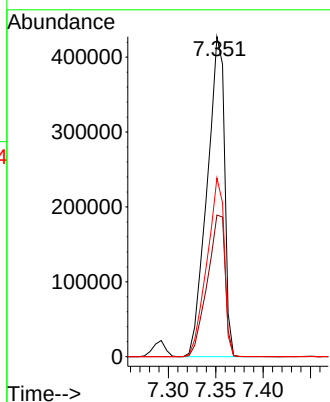
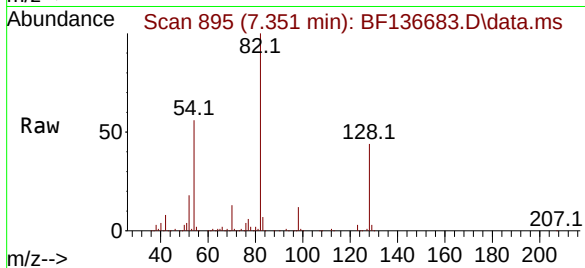
Tgt Ion: 82 Resp: 546306

Ion Ratio Lower Upper

82 100

128 44.2 35.3 52.9

54 55.9 44.5 66.7



#24

Nitrobenzene

Concen: 37.945 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

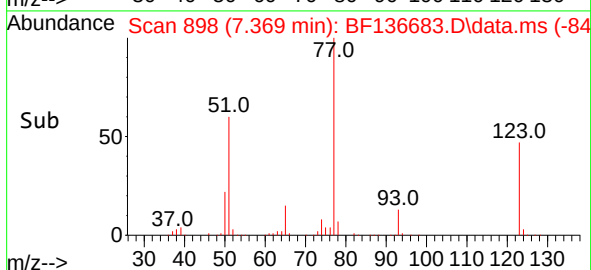
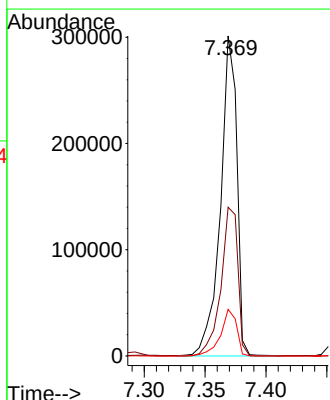
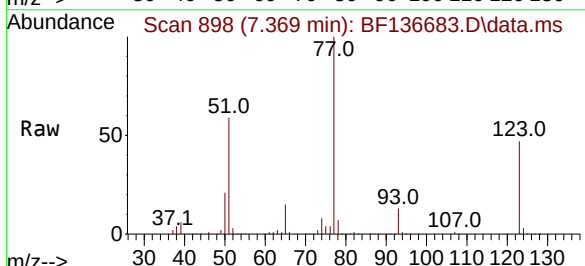
Tgt Ion: 77 Resp: 283456

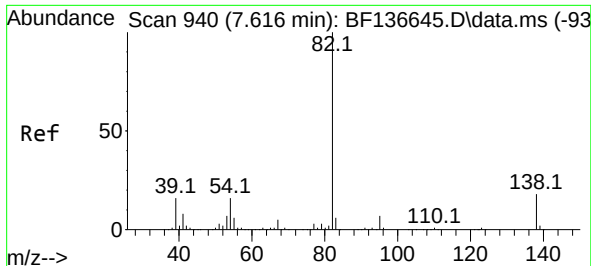
Ion Ratio Lower Upper

77 100

123 46.5 36.7 55.1

65 14.5 11.8 17.6

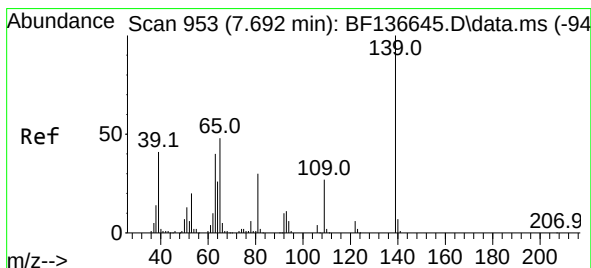
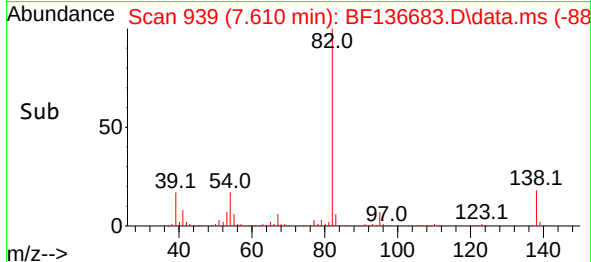
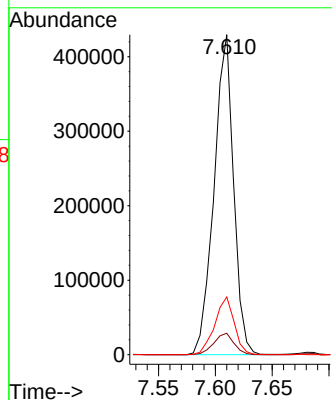
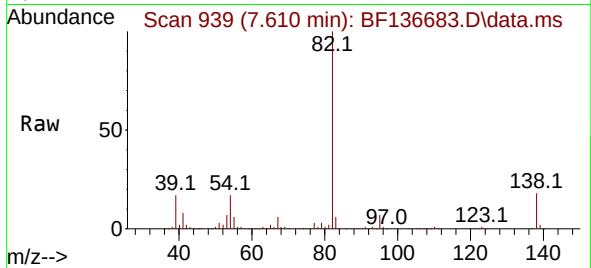




#25
Isophorone
Concen: 37.886 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

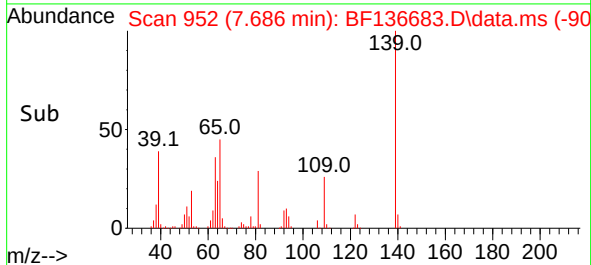
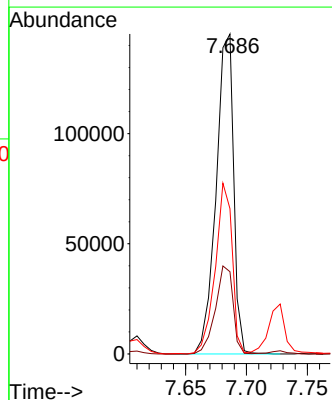
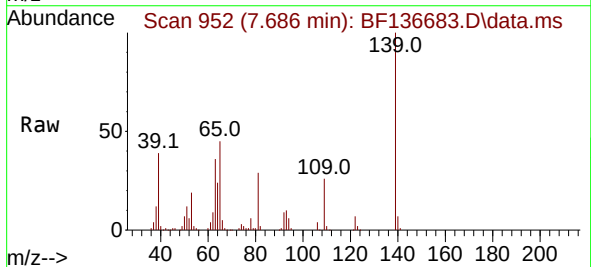
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

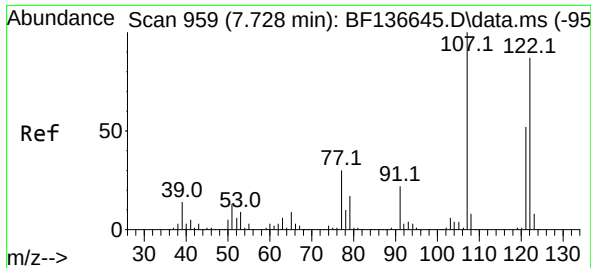
Tgt Ion: 82 Resp: 514089
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 40.809 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:139 Resp: 145855
Ion Ratio Lower Upper
139 100
109 25.7 21.9 32.9
65 45.4 38.6 58.0

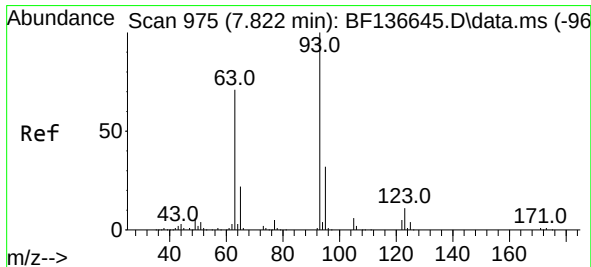
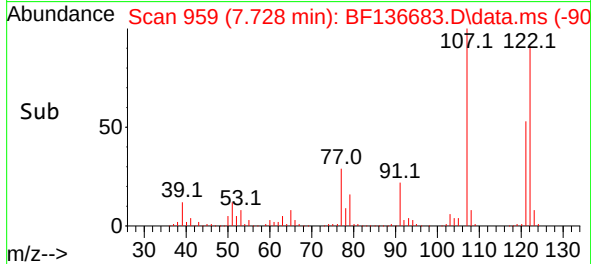
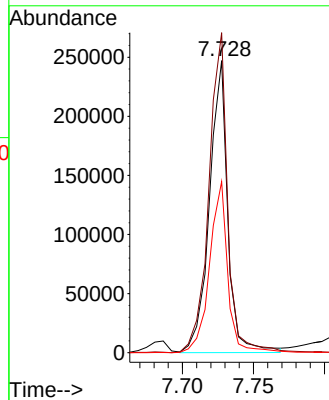
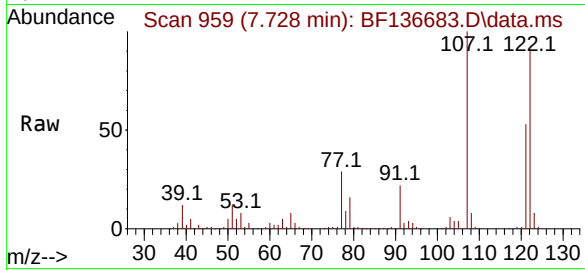




#27
2,4-Dimethylphenol
Concen: 51.026 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

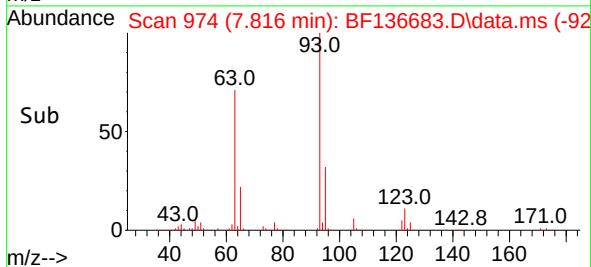
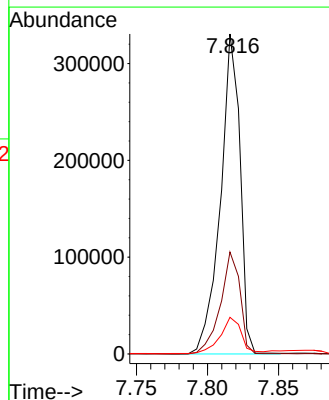
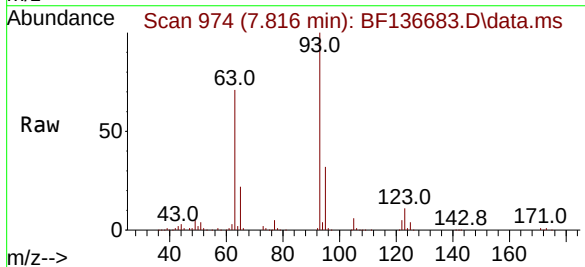
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

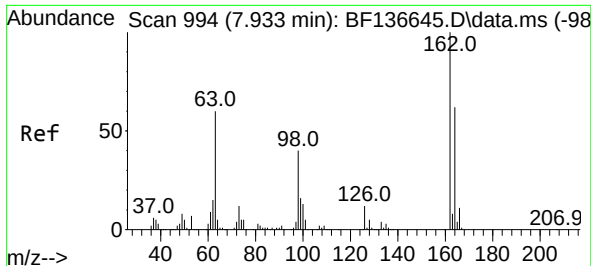
Tgt Ion:122 Resp: 222026
Ion Ratio Lower Upper
122 100
107 109.6 92.0 138.0
121 58.6 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.296 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion: 93 Resp: 315867
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 11.4 9.2 13.8

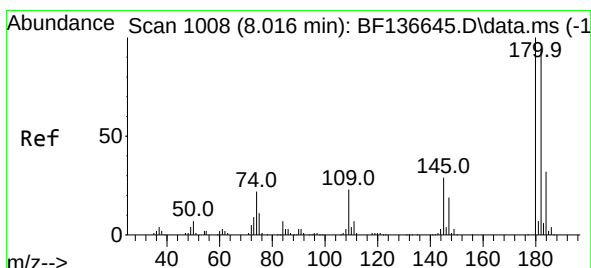
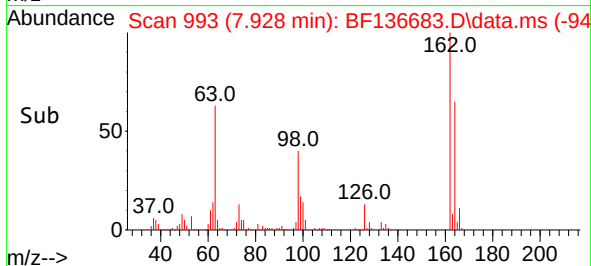
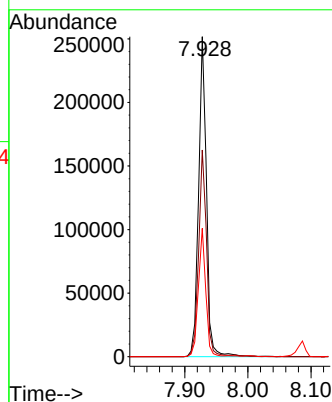
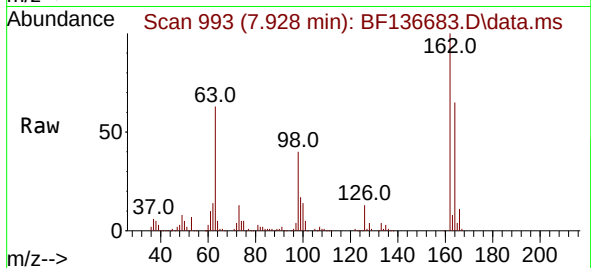




#29
2,4-Dichlorophenol
Concen: 38.764 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

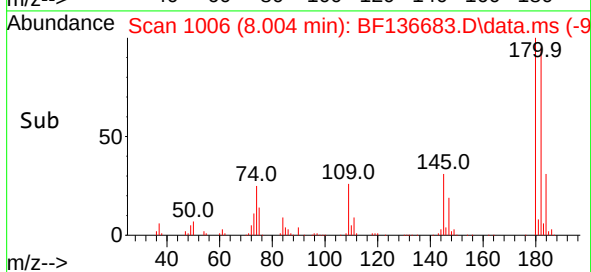
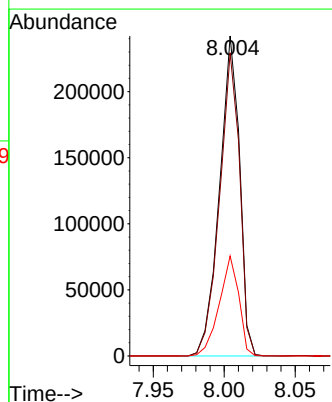
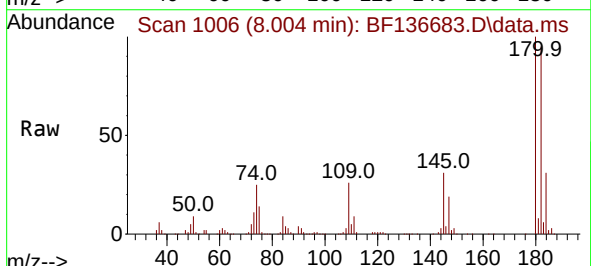
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

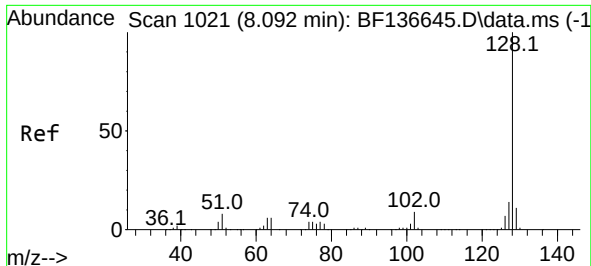
Tgt Ion:162 Resp: 217152
Ion Ratio Lower Upper
162 100
164 64.6 41.7 81.7
98 40.1 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.018 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:180 Resp: 237288
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.0
145 31.2 23.1 34.7

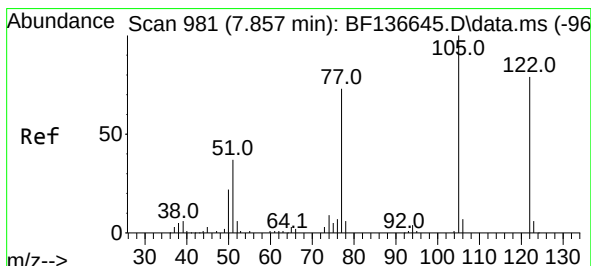
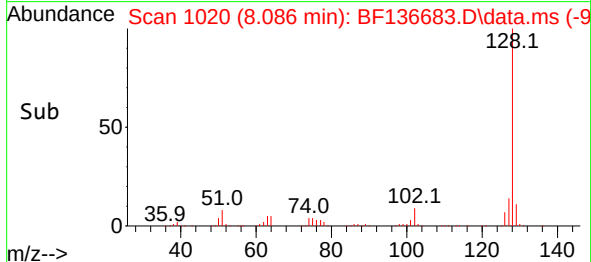
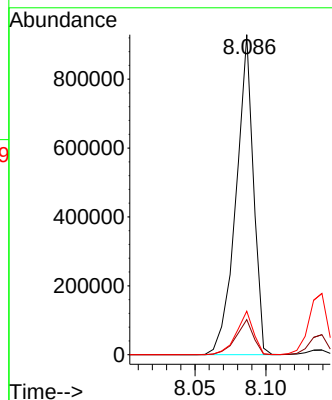
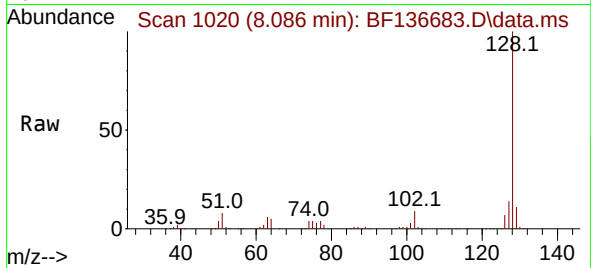




#31
Naphthalene
Concen: 37.780 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

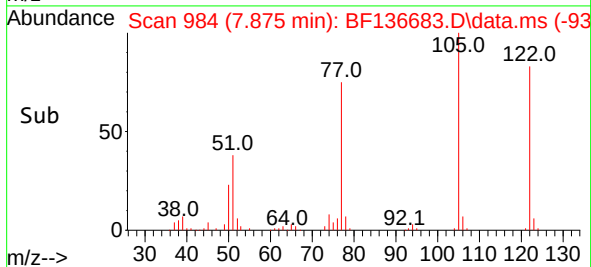
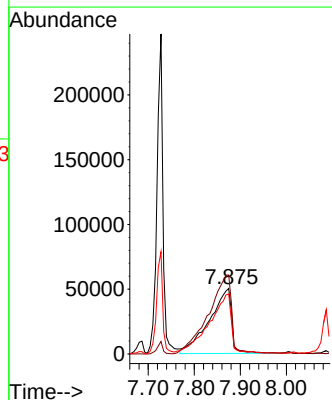
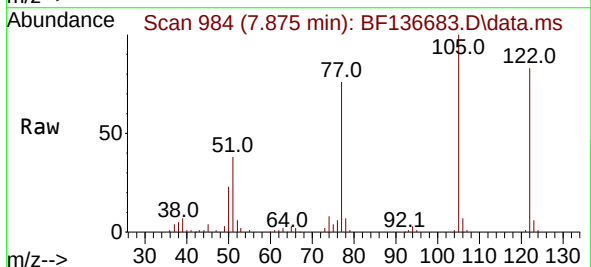
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

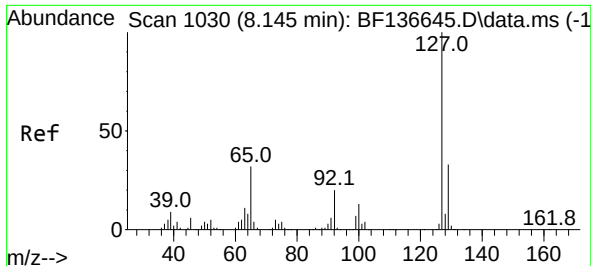
Tgt Ion:128 Resp: 792007
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 40.492 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:122 Resp: 170476
Ion Ratio Lower Upper
122 100
105 120.9 100.8 140.8
77 91.7 70.9 110.9

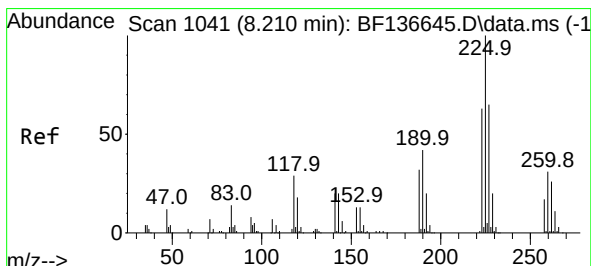
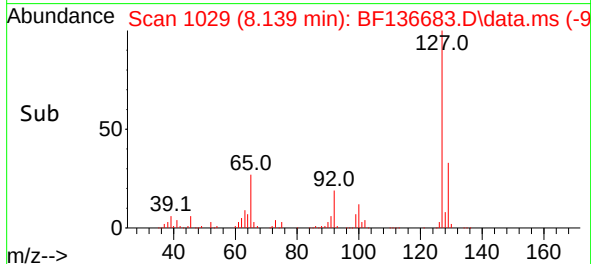
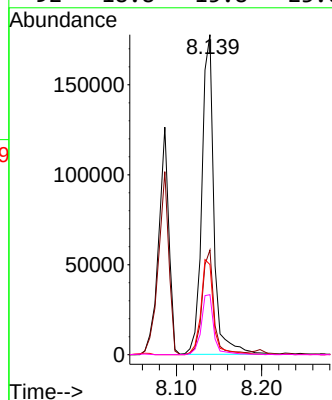
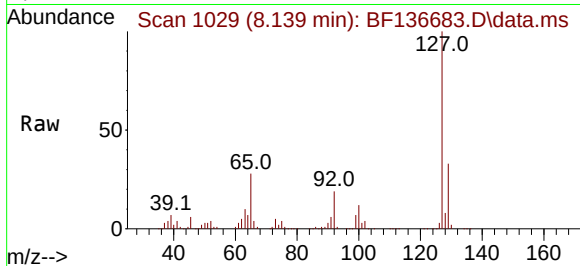




#33
4-Chloroaniline
Concen: 22.620 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

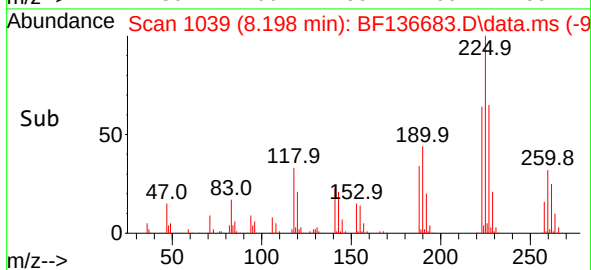
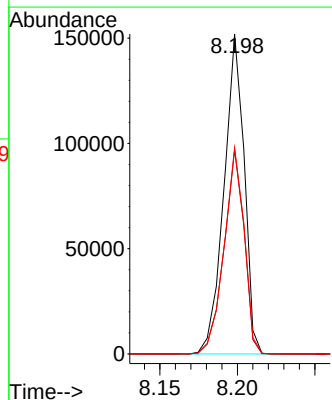
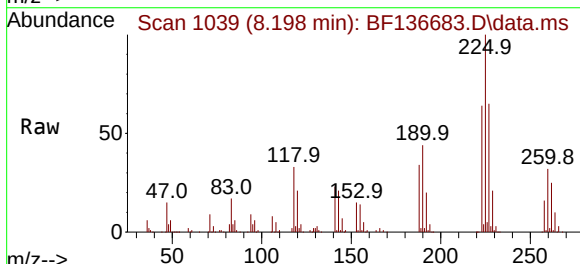
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

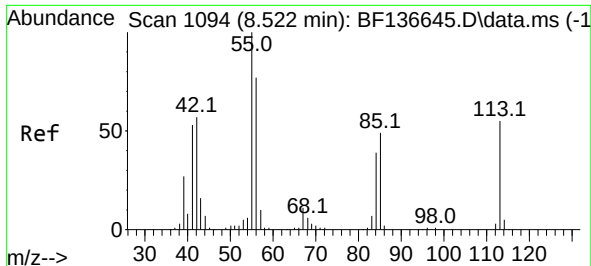
Tgt Ion:	127	Resp:	175084
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.1	25.8	38.8
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.279 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:	225	Resp:	137573
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.5	51.9	77.9

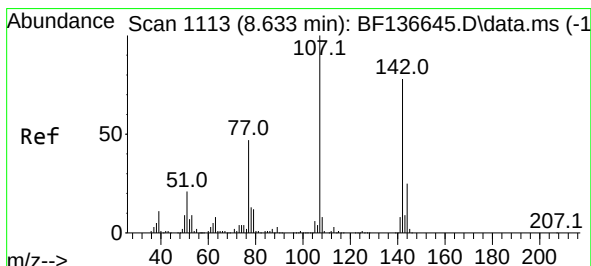
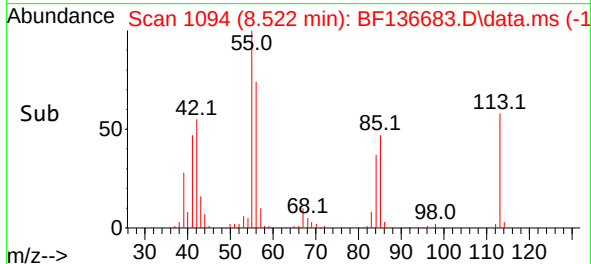
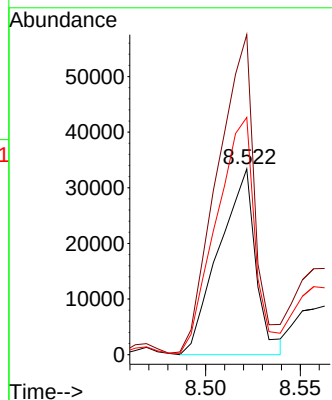
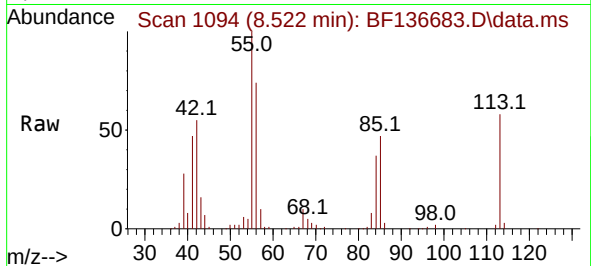




#35
 Caprolactam
 Concen: 24.470 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

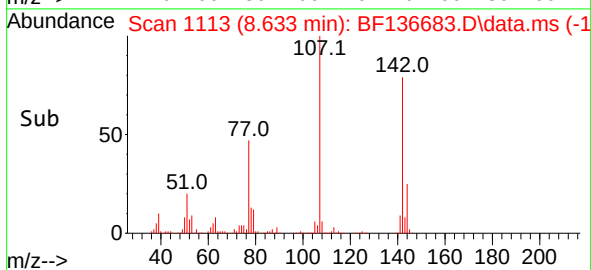
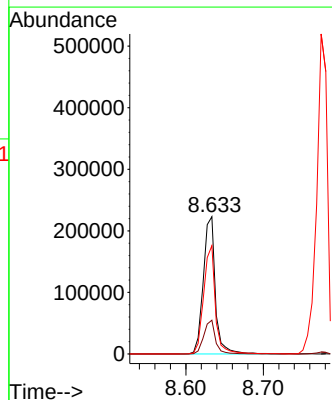
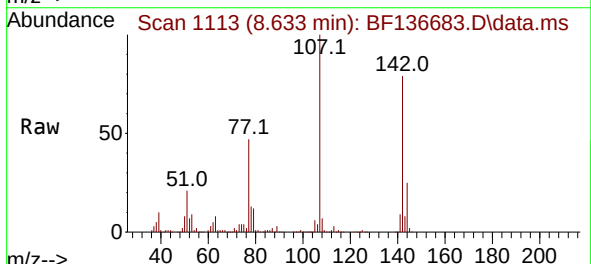
Instrument :
 BNA_F
 ClientSampleId :
 PB157642BSD

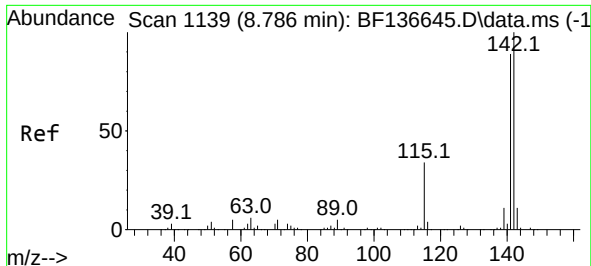
Tgt Ion:113 Resp: 45221
 Ion Ratio Lower Upper
 113 100
 55 172.3 163.1 203.1
 56 127.8 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.309 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

Tgt Ion:107 Resp: 241592
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 78.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.661 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

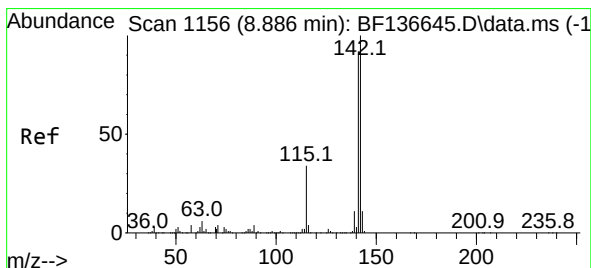
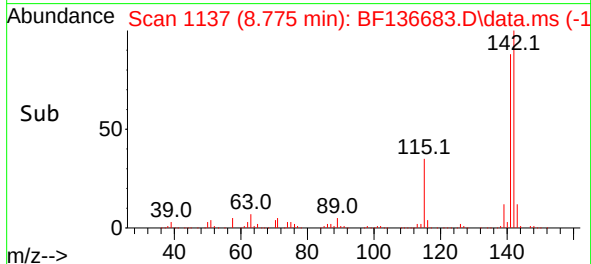
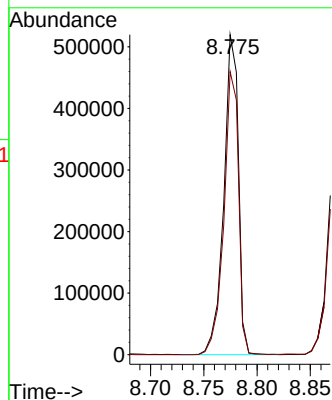
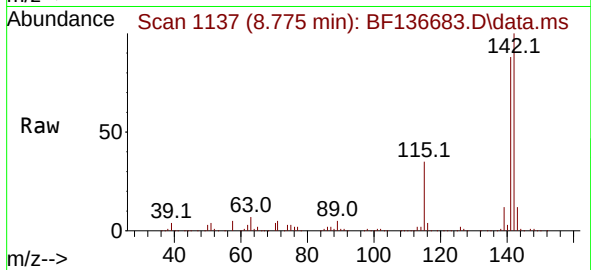
PB157642BSD

Tgt Ion:142 Resp: 494623

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.146 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136683.D

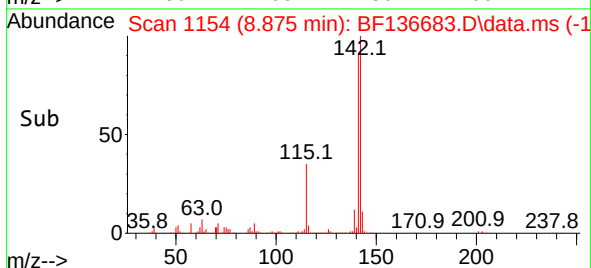
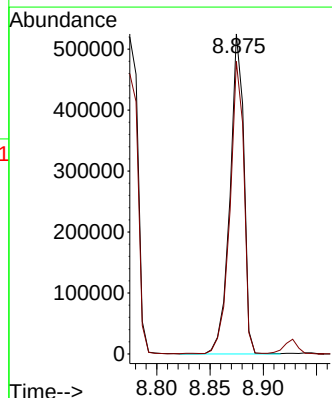
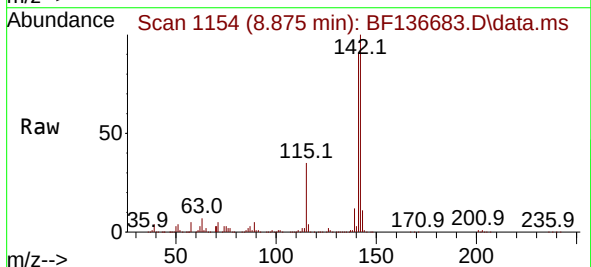
Acq: 22 Dec 2023 13:26

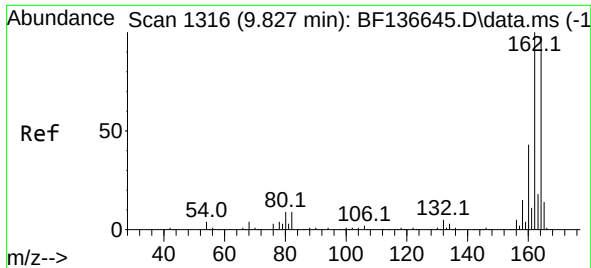
Tgt Ion:142 Resp: 478444

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4

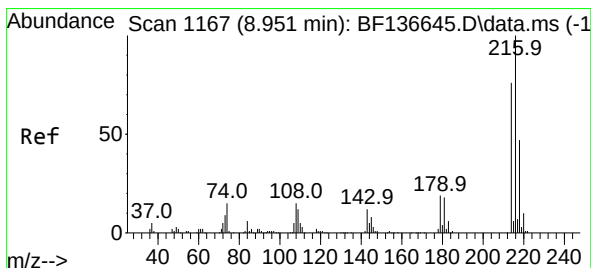
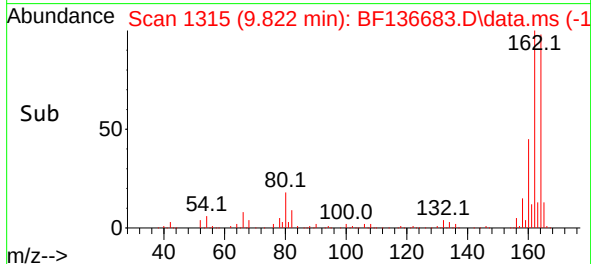
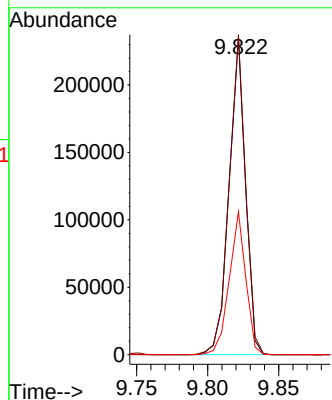
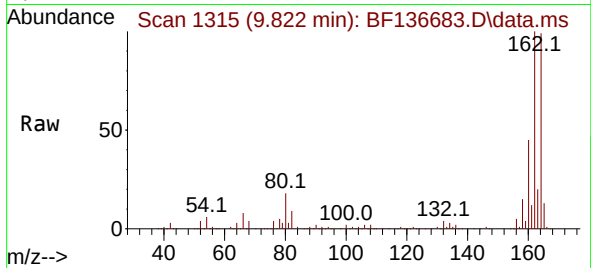




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

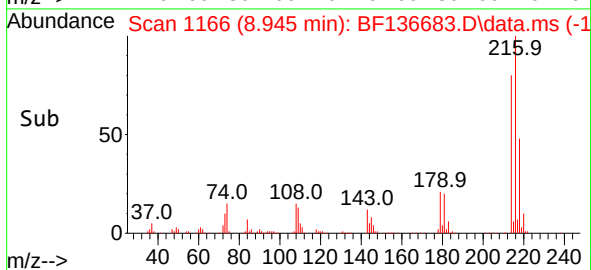
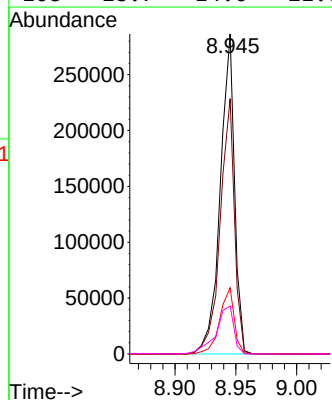
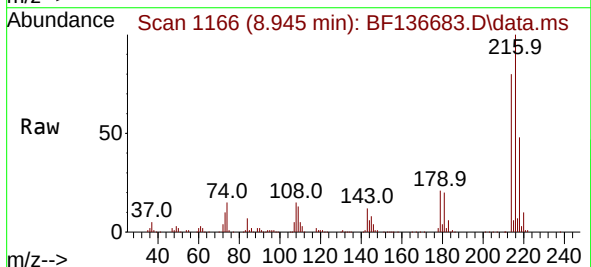
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

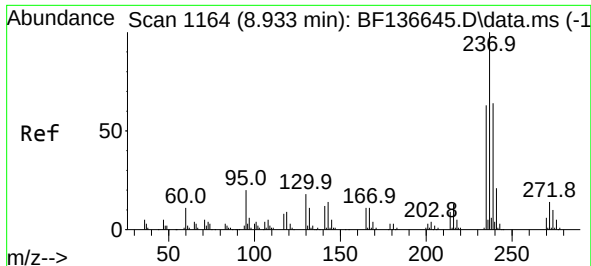
Tgt Ion:164 Resp: 189480
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 45.1 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.952 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:216 Resp: 234442
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 20.8 16.4 24.6
108 18.7 14.0 21.0

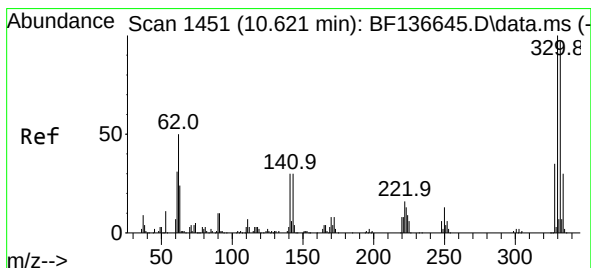
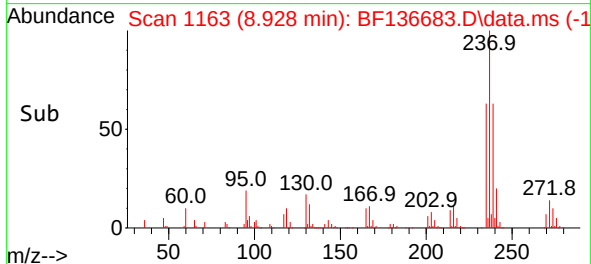
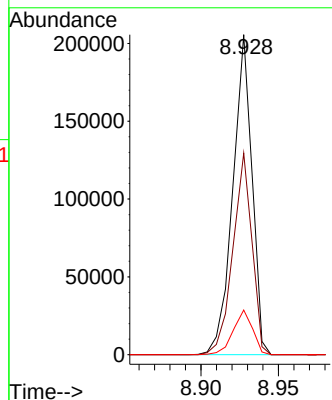
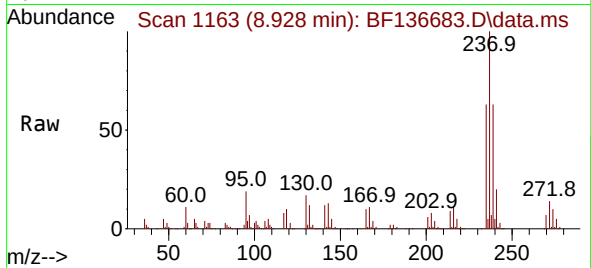




#41
Hexachlorocyclopentadiene
Concen: 93.679 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

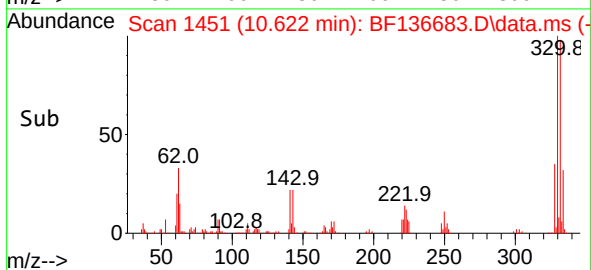
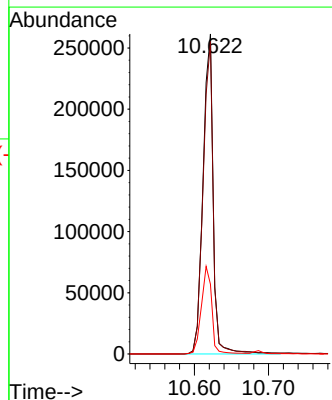
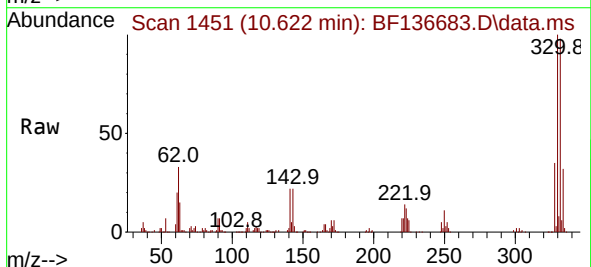
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

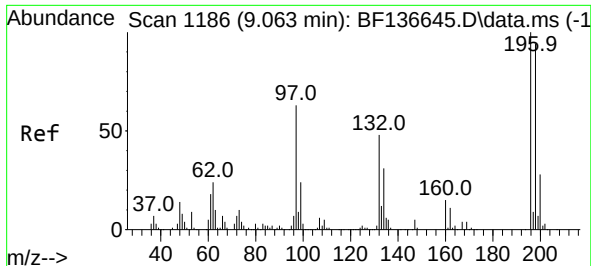
Tgt Ion:237 Resp: 176944
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 13.9 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 111.493 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:330 Resp: 248802
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 28.0 23.4 35.2

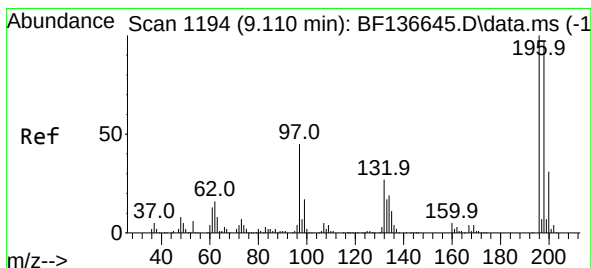
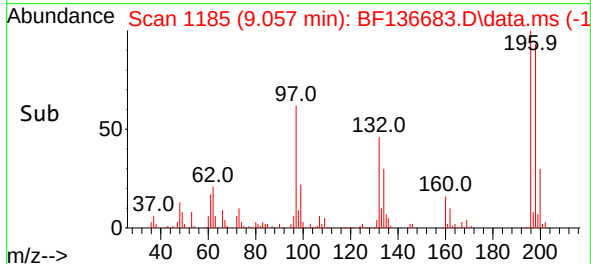
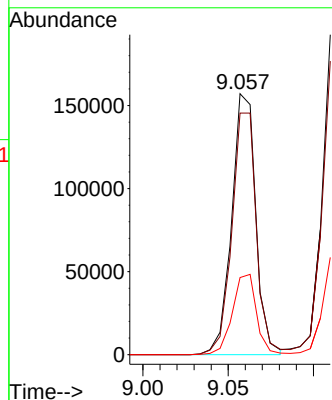
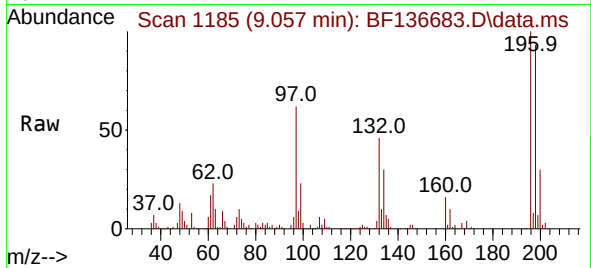




#43
2,4,6-Trichlorophenol
Concen: 41.008 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

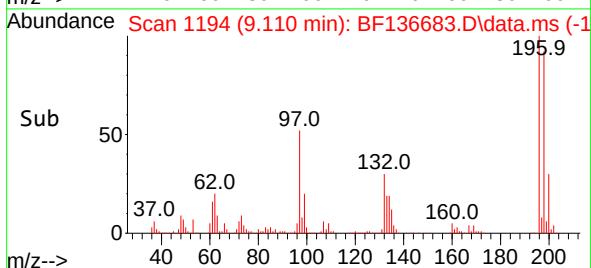
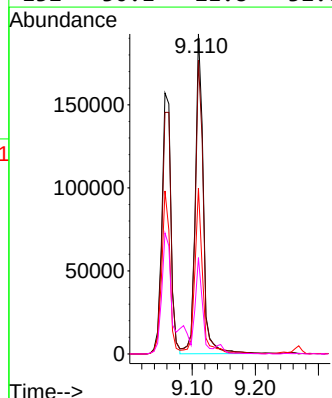
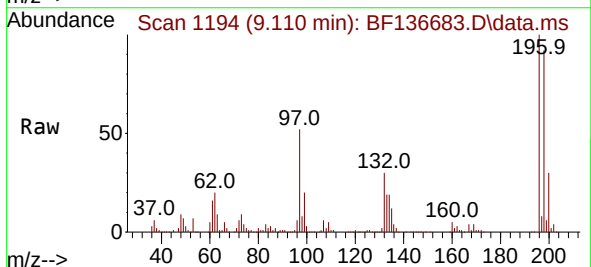
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

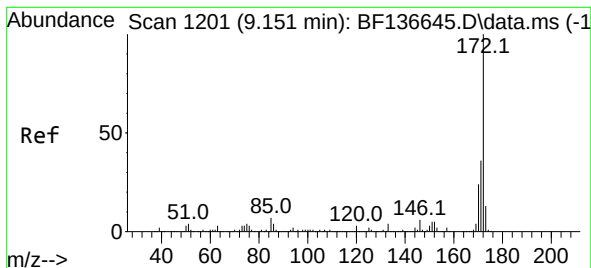
Tgt Ion:196 Resp: 154325
Ion Ratio Lower Upper
196 100
198 92.5 75.1 112.7
200 29.5 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 40.375 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:196 Resp: 169319
Ion Ratio Lower Upper
196 100
198 91.7 77.0 115.6
97 51.9 36.1 54.1
132 30.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.927 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

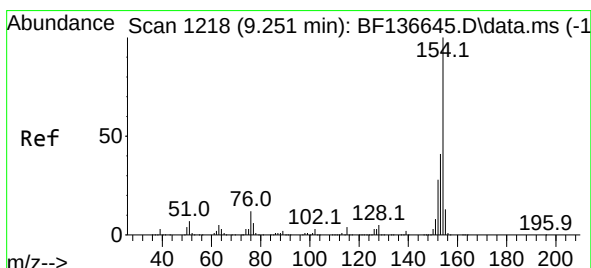
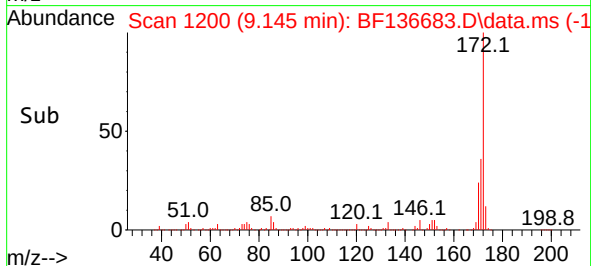
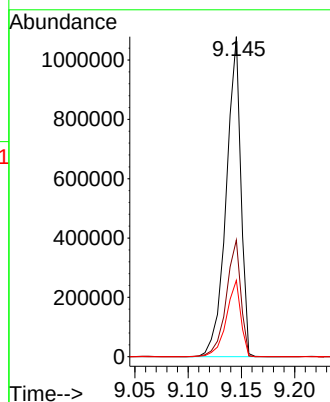
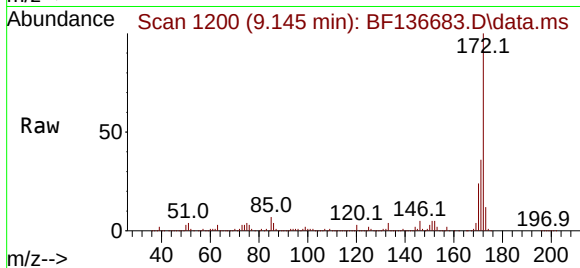
Tgt Ion:172 Resp: 1027384

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.359 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

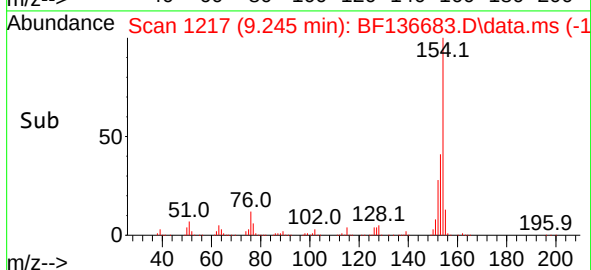
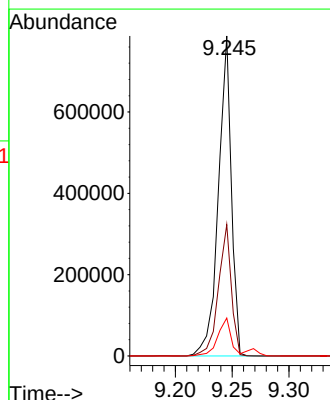
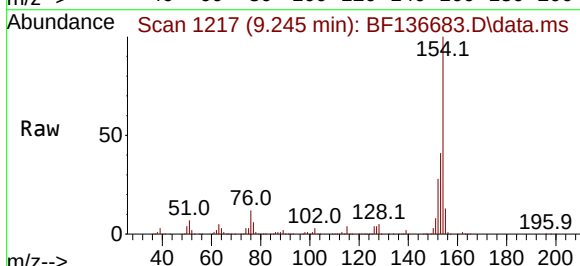
Tgt Ion:154 Resp: 625813

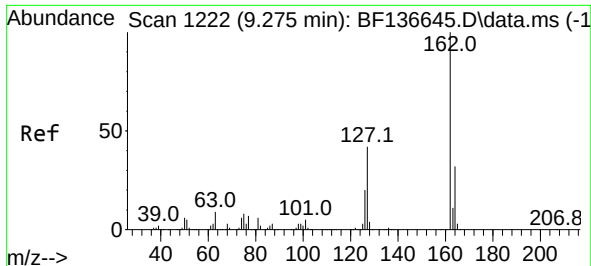
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 11.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.661 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

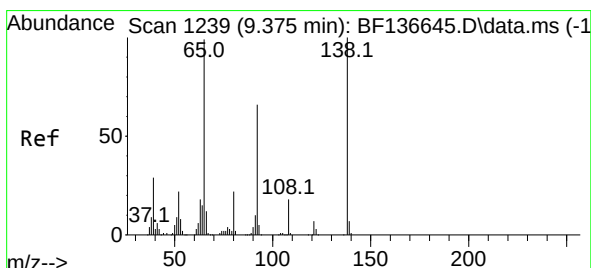
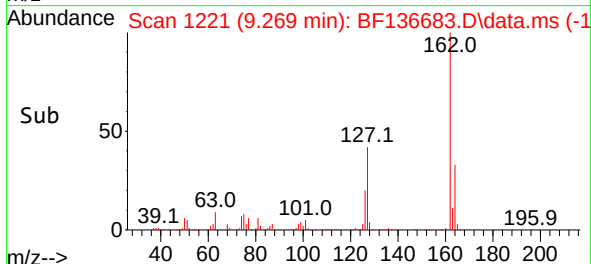
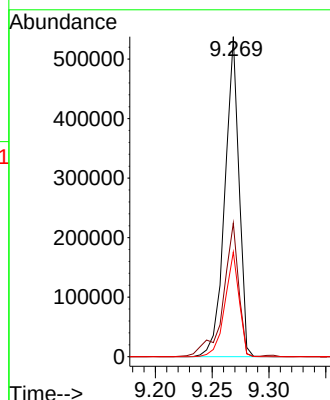
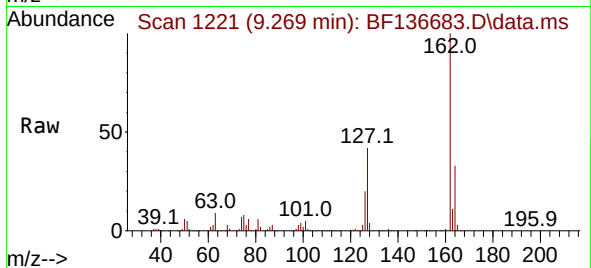
Tgt Ion:162 Resp: 467317

Ion Ratio Lower Upper

162 100

127 41.8 33.6 50.4

164 32.7 25.7 38.5



#48

2-Nitroaniline

Concen: 40.710 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

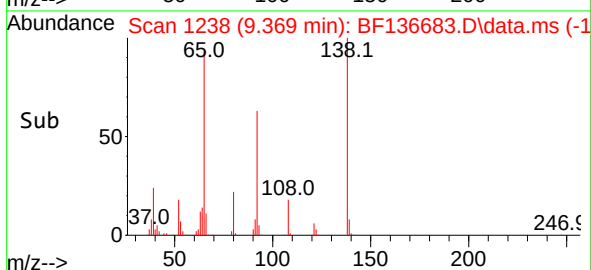
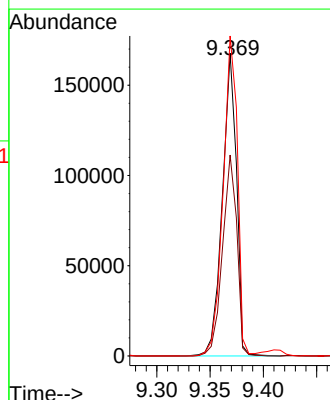
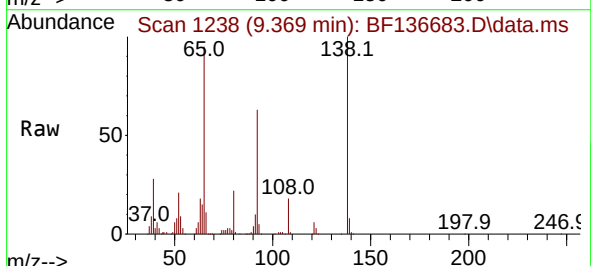
Tgt Ion: 65 Resp: 154098

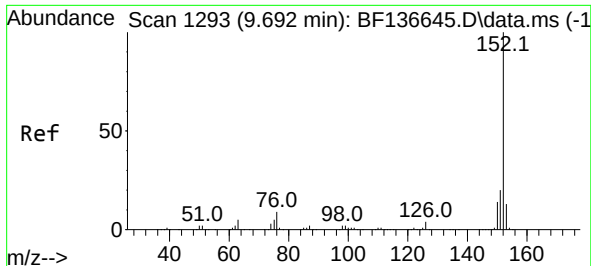
Ion Ratio Lower Upper

65 100

92 66.4 53.2 79.8

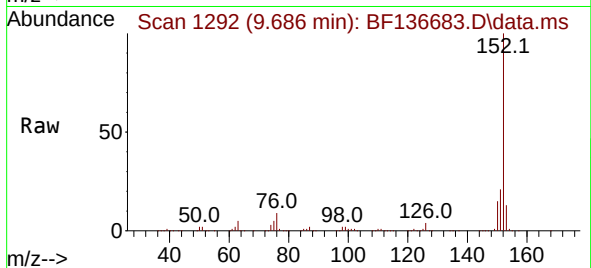
138 105.7 81.1 121.7



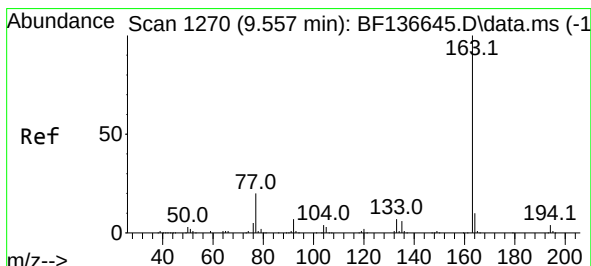
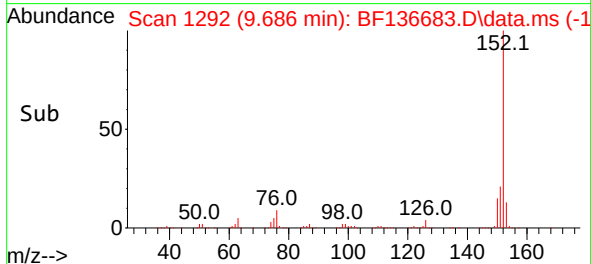
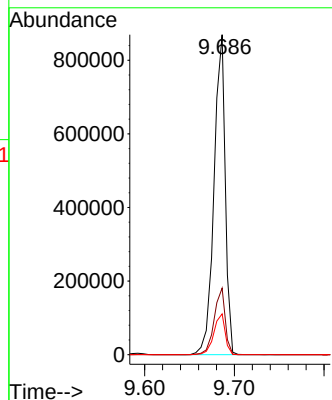


#49
Acenaphthylene
Concen: 41.001 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB157642BSD

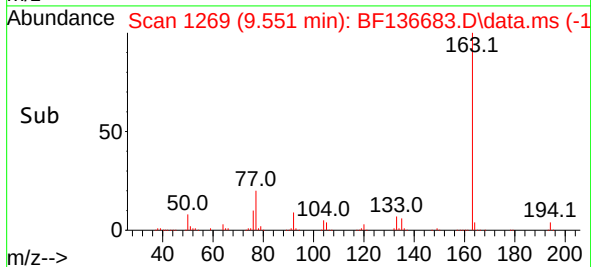
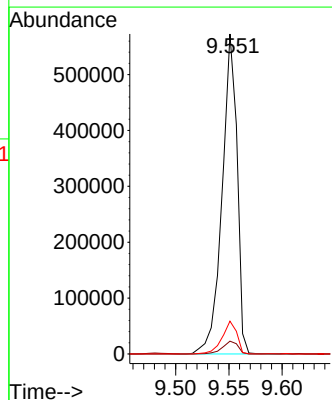
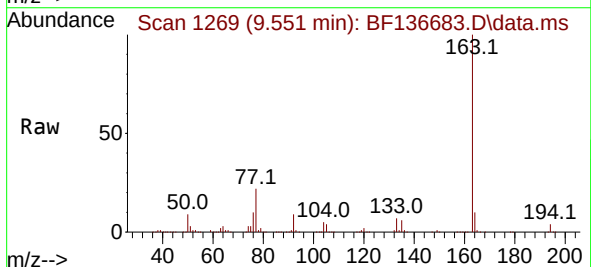


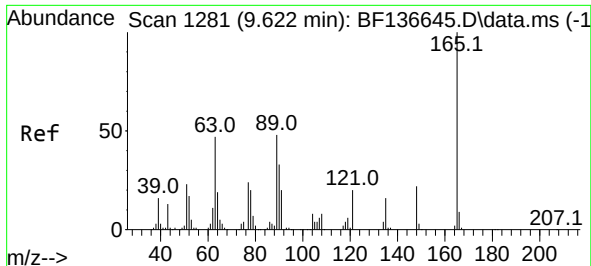
Tgt Ion:152 Resp: 757526
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 12.8 10.2 15.2



#50
Dimethylphthalate
Concen: 40.333 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:163 Resp: 558217
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 7.8 11.6

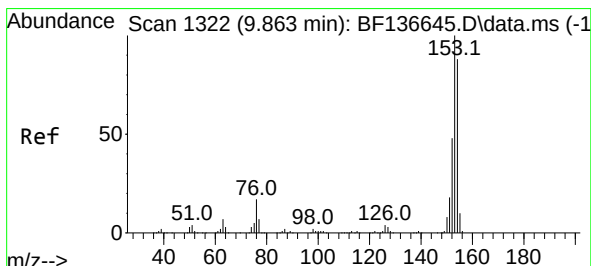
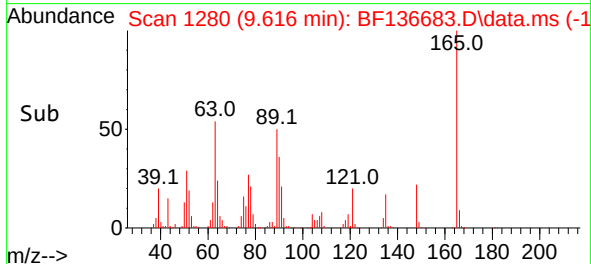
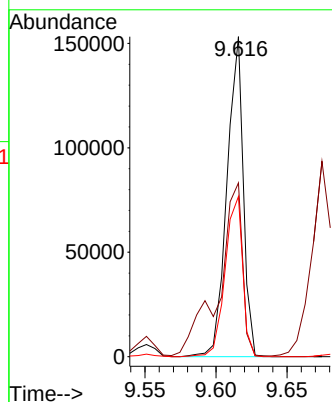
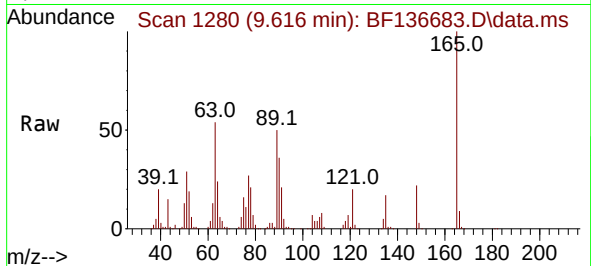




#51
2,6-Dinitrotoluene
Concen: 38.981 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

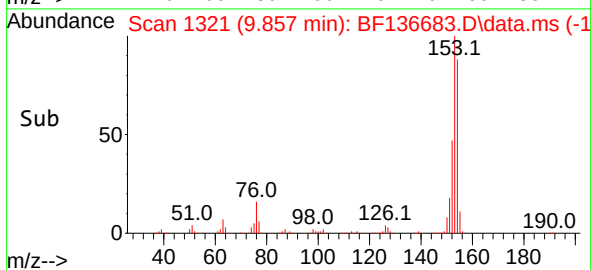
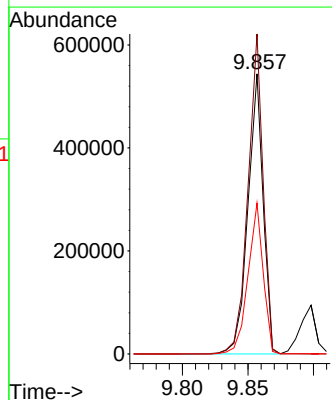
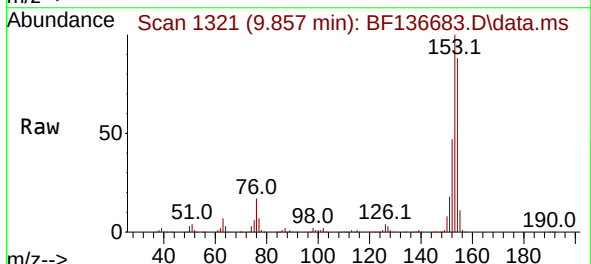
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

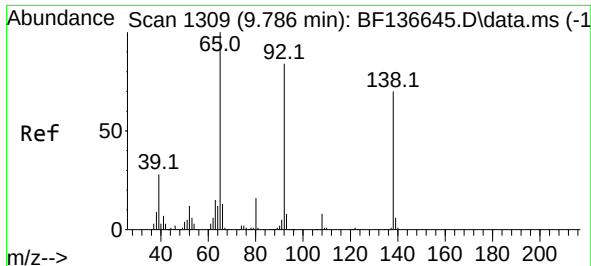
Tgt Ion:165 Resp: 122439
Ion Ratio Lower Upper
165 100
63 54.3 39.8 59.6
89 50.1 38.8 58.2



#52
Acenaphthene
Concen: 38.523 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:154 Resp: 441195
Ion Ratio Lower Upper
154 100
153 114.2 90.7 136.1
152 53.8 43.7 65.5

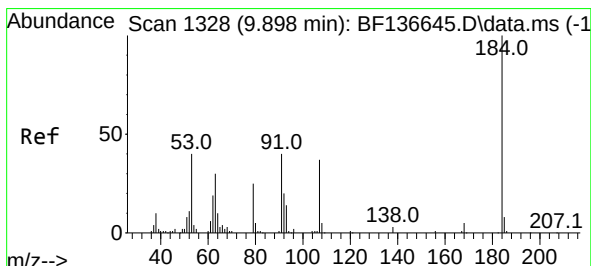
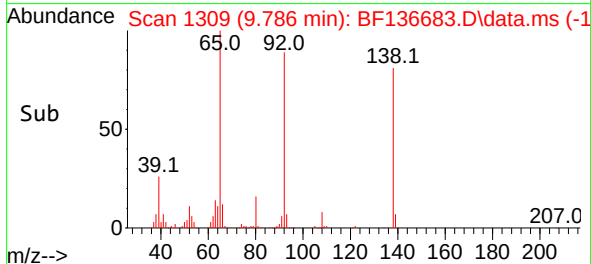
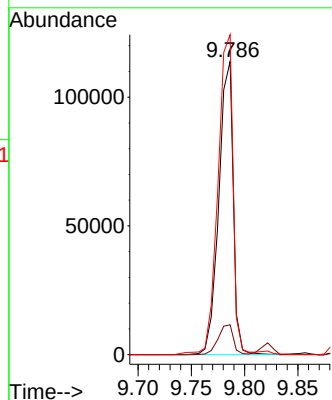
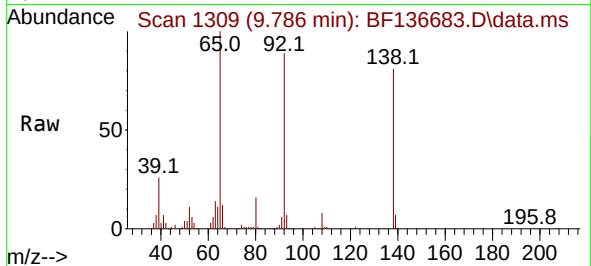




#53
3-Nitroaniline
Concen: 32.085 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

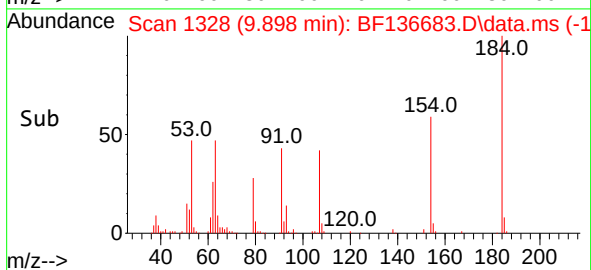
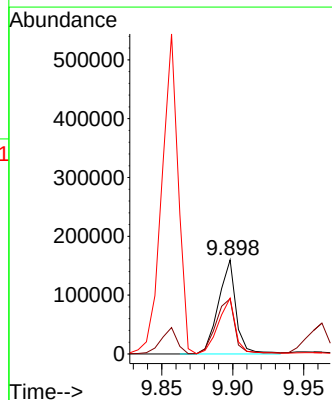
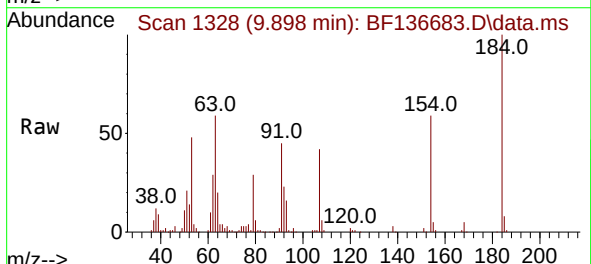
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

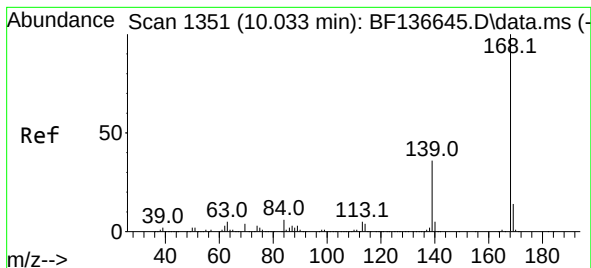
Tgt Ion:138 Resp: 106756
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 109.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 79.496 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:184 Resp: 138345
Ion Ratio Lower Upper
184 100
63 58.7 40.9 61.3
154 59.3 42.7 64.1





#55

Dibenzofuran

Concen: 38.912 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

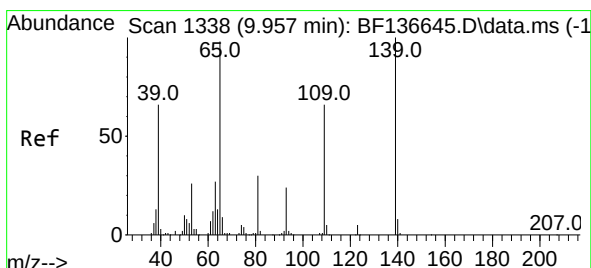
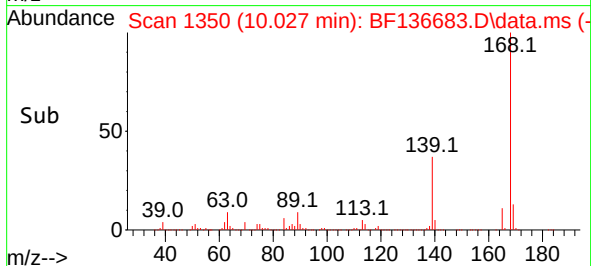
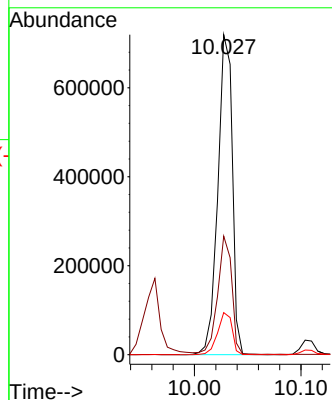
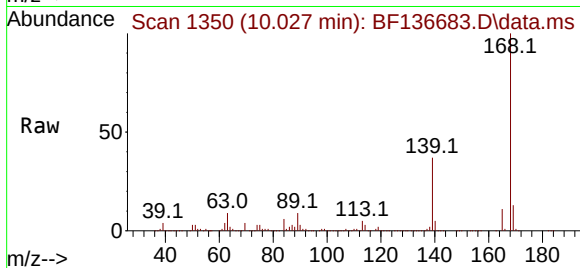
Tgt Ion:168 Resp: 675554

Ion Ratio Lower Upper

168 100

139 37.1 29.3 43.9

169 13.2 11.0 16.4



#56

4-Nitrophenol

Concen: 78.988 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

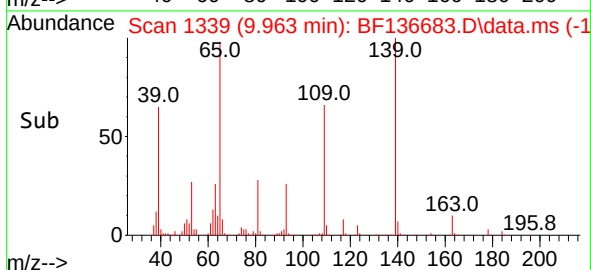
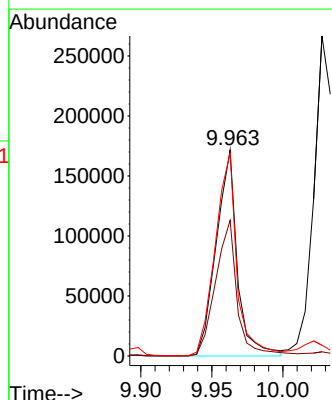
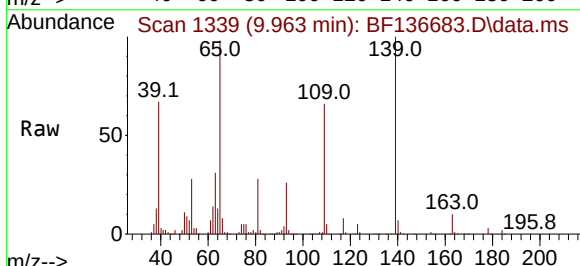
Tgt Ion:139 Resp: 177418

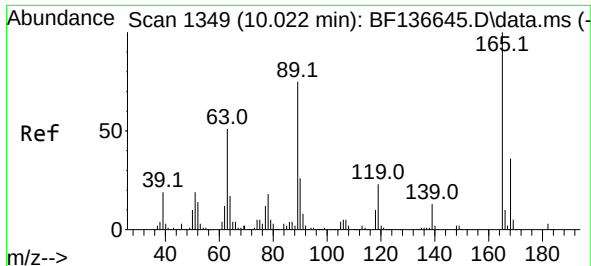
Ion Ratio Lower Upper

139 100

109 65.8 45.8 85.8

65 98.4 77.8 117.8

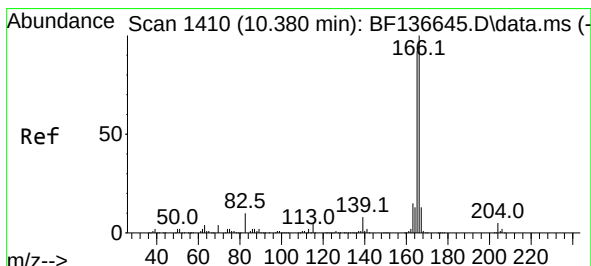
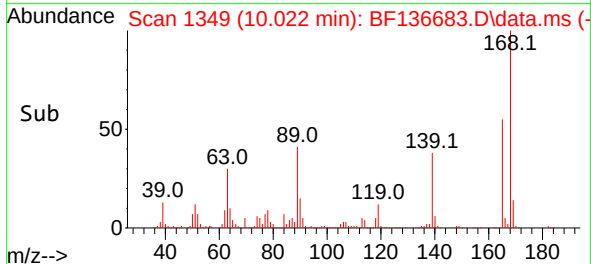
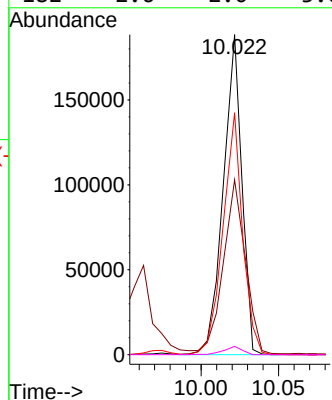
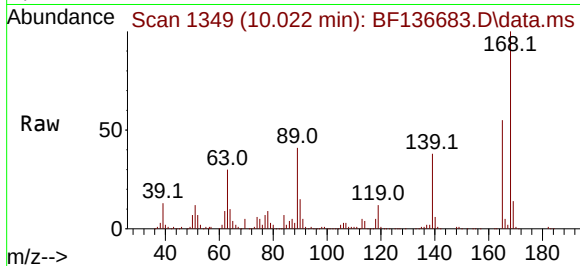




#57
2,4-Dinitrotoluene
Concen: 38.566 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

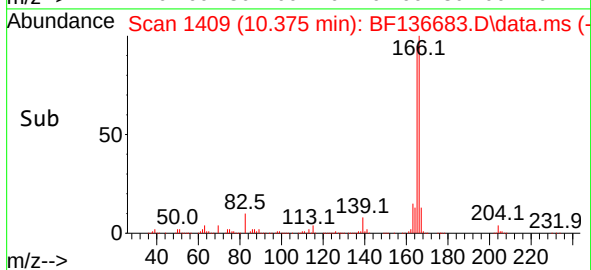
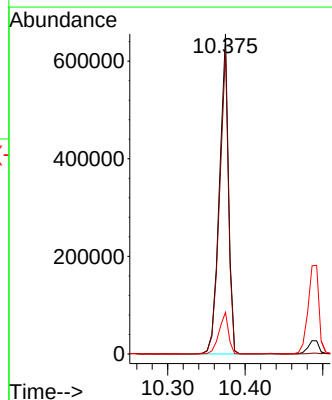
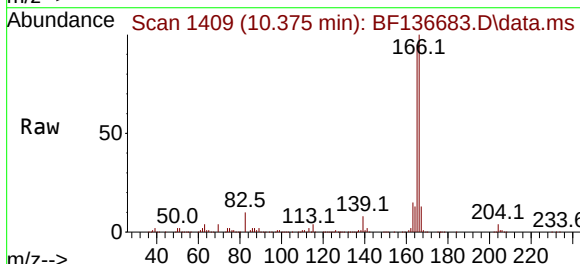
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

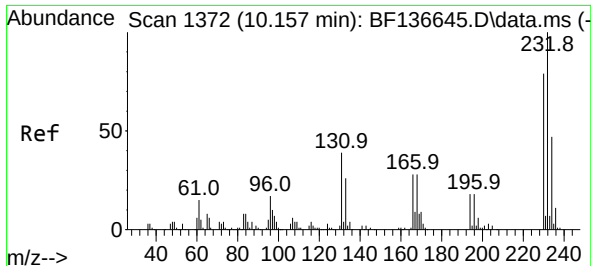
Tgt Ion:165 Resp: 157257
Ion Ratio Lower Upper
165 100
63 54.7 41.0 61.6
89 75.6 59.9 89.9
182 2.6 2.0 3.0



#58
Fluorene
Concen: 38.848 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:166 Resp: 535135
Ion Ratio Lower Upper
166 100
165 95.0 73.7 110.5
167 13.0 10.4 15.6

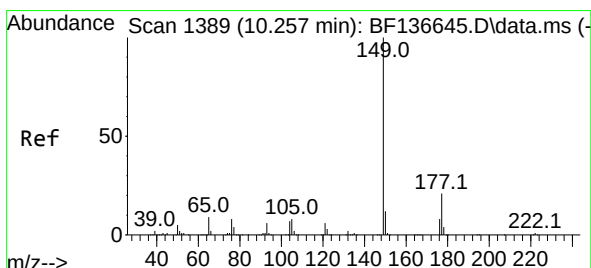
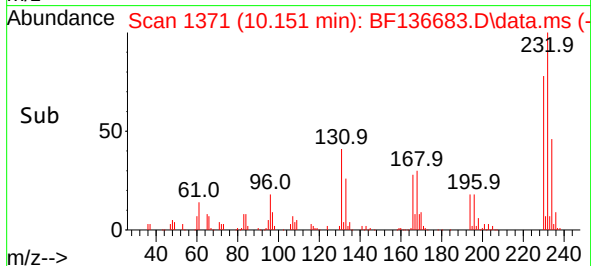
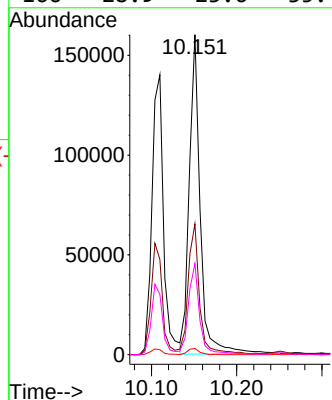
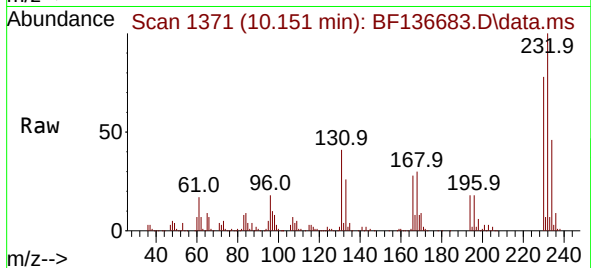




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.103 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

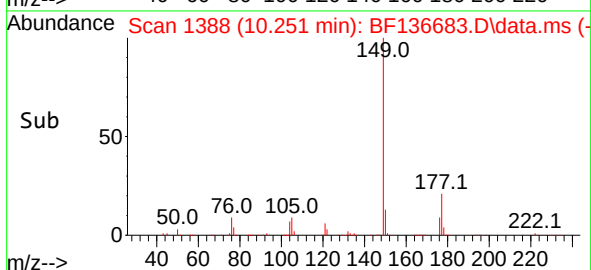
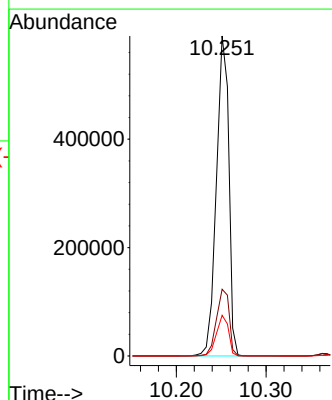
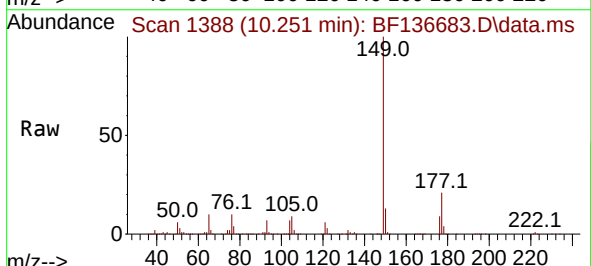
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

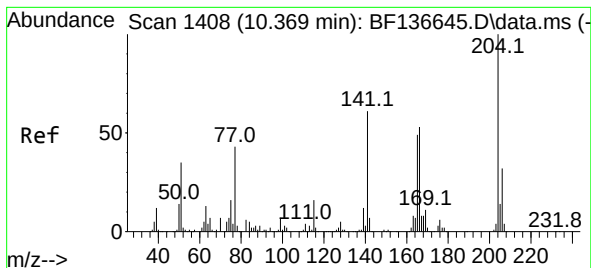
Tgt Ion:232 Resp: 142373
Ion Ratio Lower Upper
232 100
131 43.5 35.1 52.7
130 2.1 1.6 2.4
166 28.9 23.6 35.4



#60
Diethylphthalate
Concen: 39.482 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:149 Resp: 566958
Ion Ratio Lower Upper
149 100
177 20.8 16.9 25.3
150 12.7 9.3 13.9

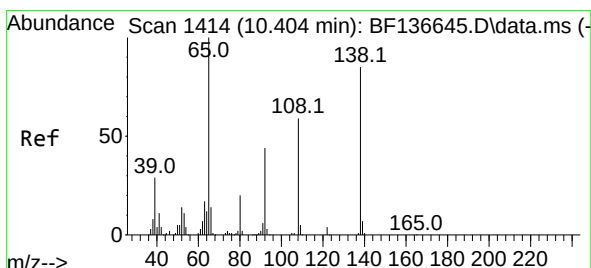
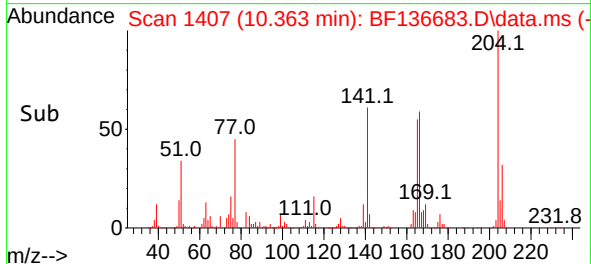
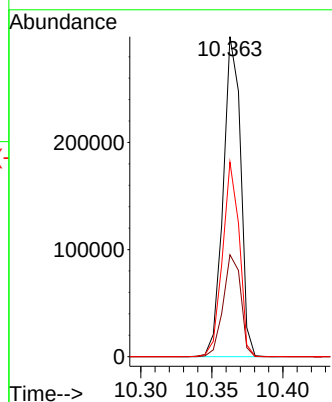
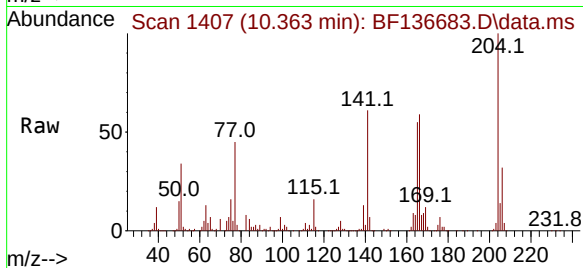




#61
4-Chlorophenyl-phenylether
Concen: 37.983 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

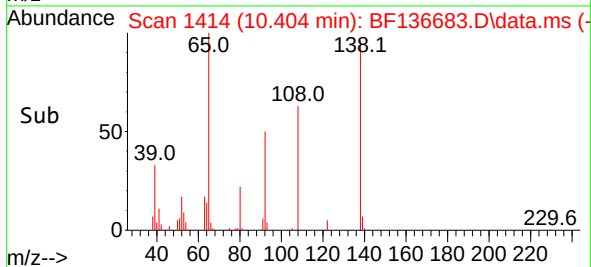
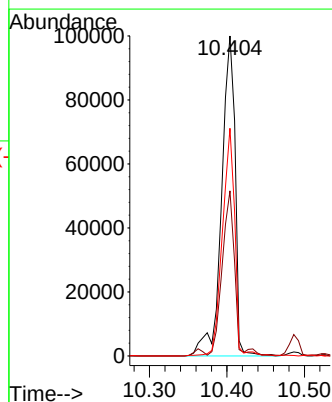
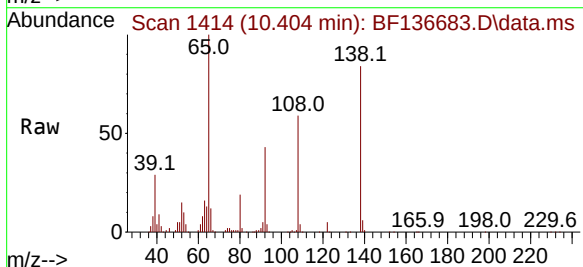
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

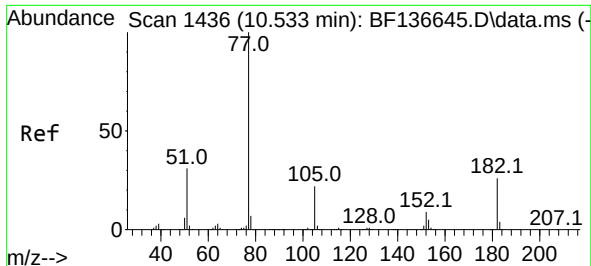
Tgt Ion:204 Resp: 254319
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 60.8 48.4 72.6



#62
4-Nitroaniline
Concen: 38.054 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:138 Resp: 122062
Ion Ratio Lower Upper
138 100
92 51.6 32.1 72.1
108 71.2 50.1 90.1

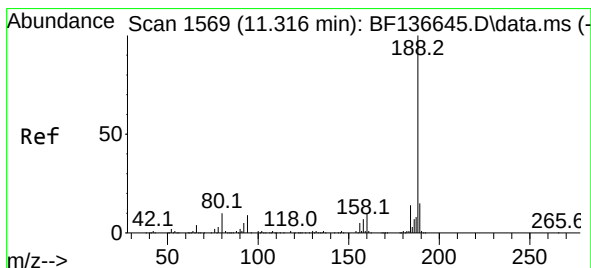
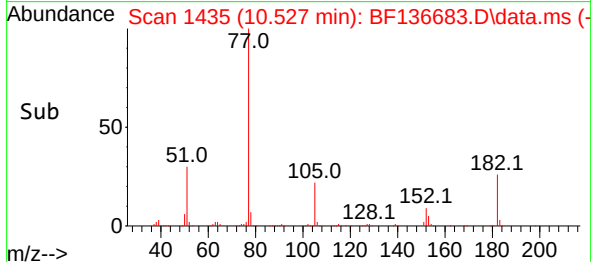
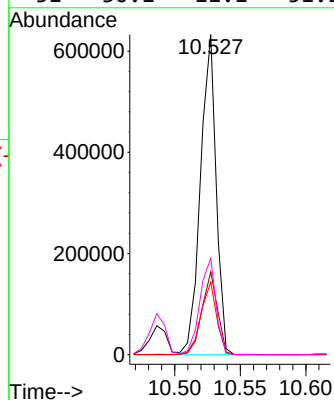
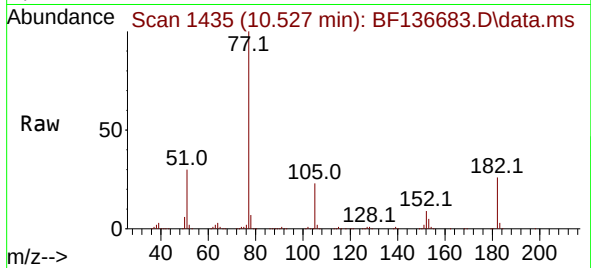




#63
Azobenzene
Concen: 39.222 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

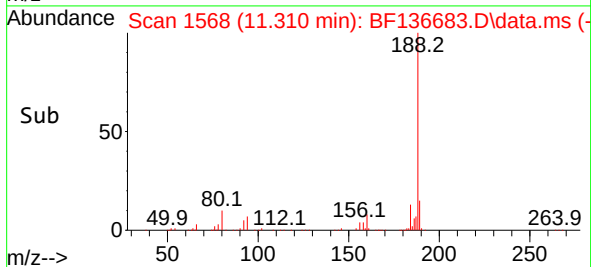
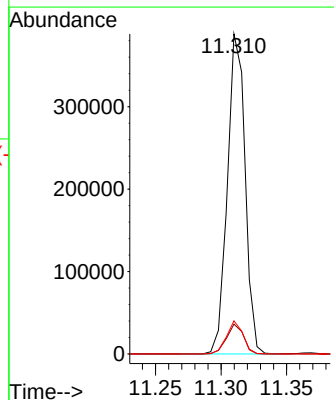
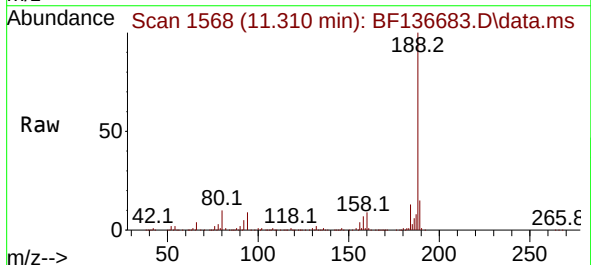
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

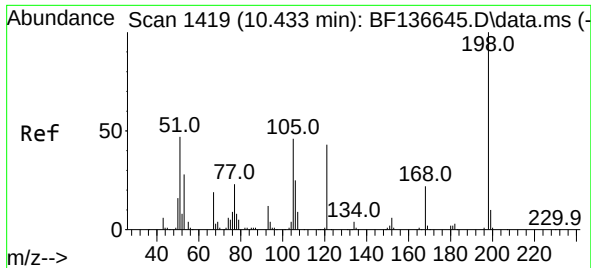
Tgt Ion: 77	Resp: 526054
Ion Ratio	Lower Upper
77 100	
182 25.9	6.0 46.0
105 22.6	2.3 42.3
51 30.1	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:188	Resp: 364562
Ion Ratio	Lower Upper
188 100	
94 9.3	7.5 11.3
80 10.4	8.1 12.1

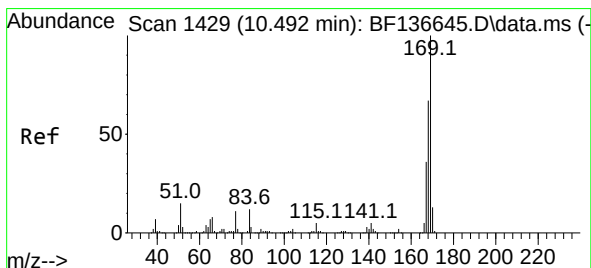
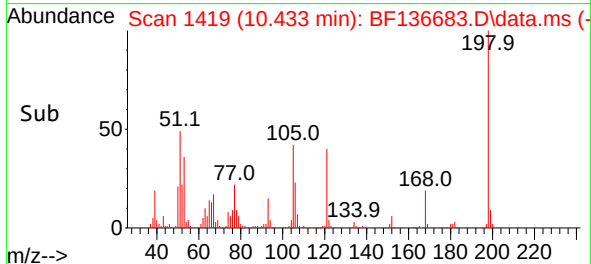
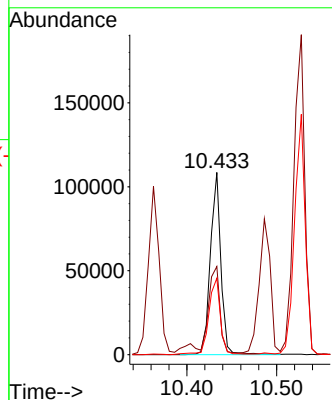
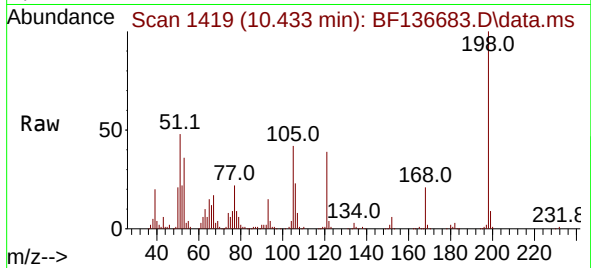




#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

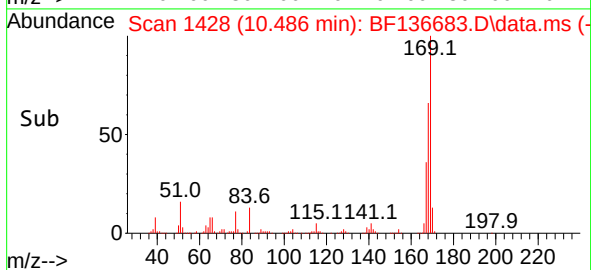
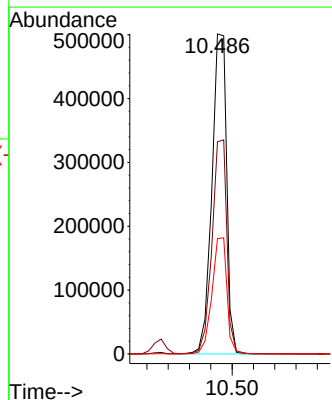
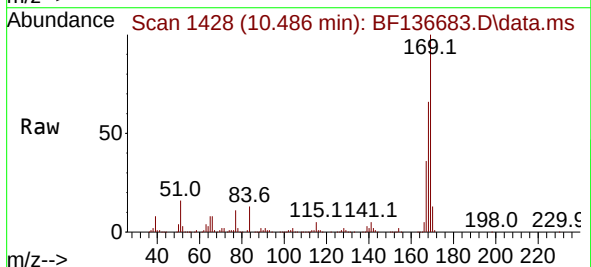
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

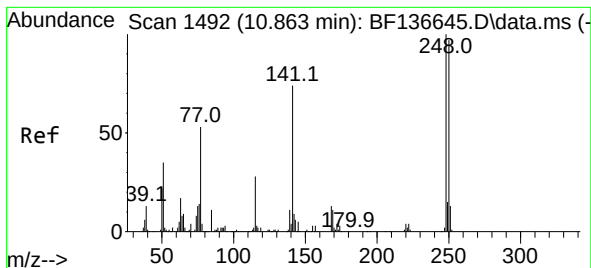
Tgt Ion:198 Resp: 88448
Ion Ratio Lower Upper
198 100
51 48.4 34.1 74.1
105 42.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.904 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:169 Resp: 484411
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.0 28.7 43.1

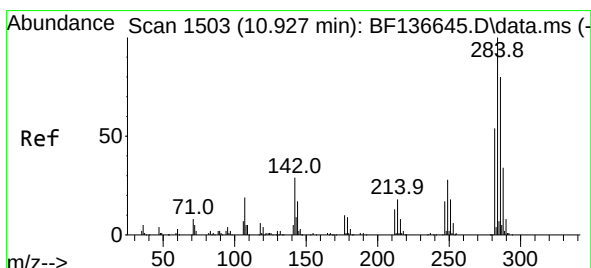
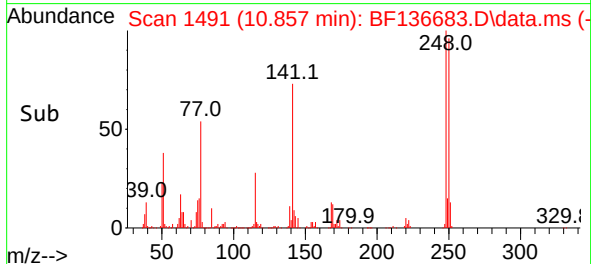
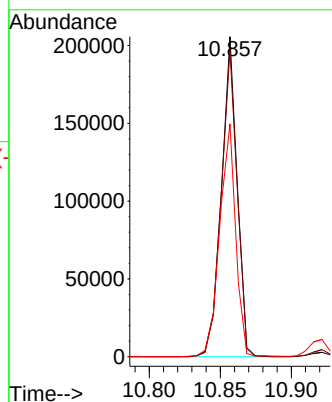
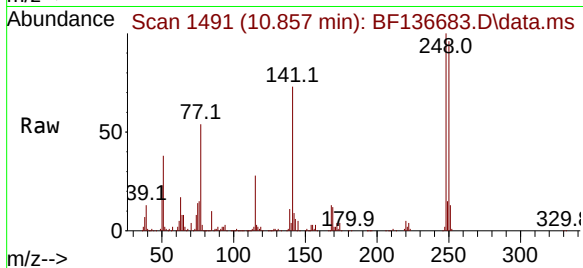




#67
4-Bromophenyl-phenylether
Concen: 39.119 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

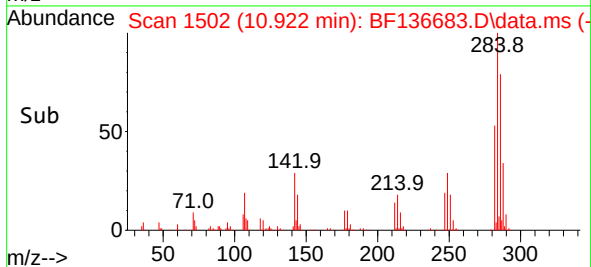
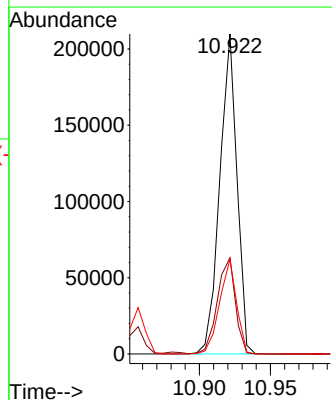
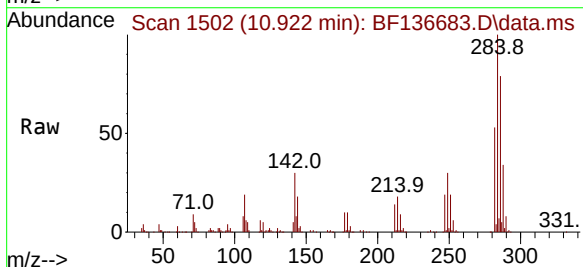
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

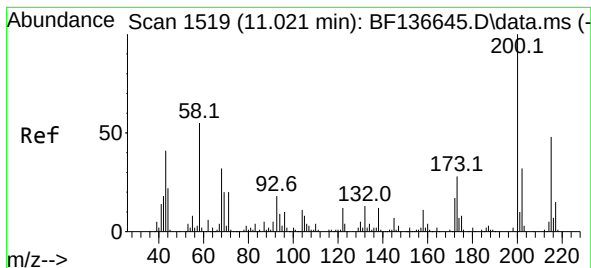
Tgt Ion:248 Resp: 158383
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 72.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.059 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:284 Resp: 176232
Ion Ratio Lower Upper
284 100
142 30.1 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 39.523 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

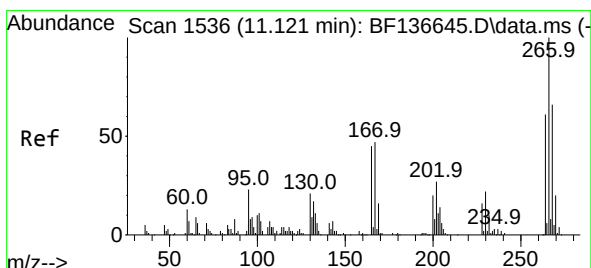
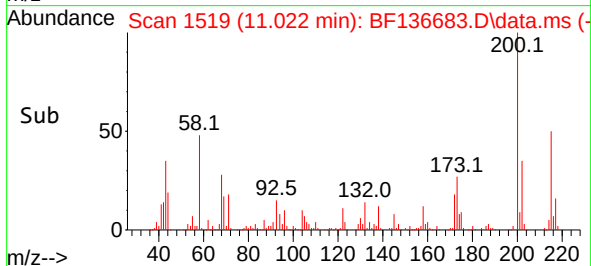
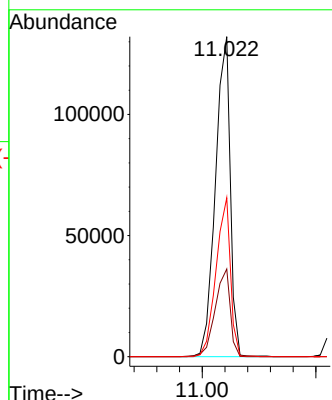
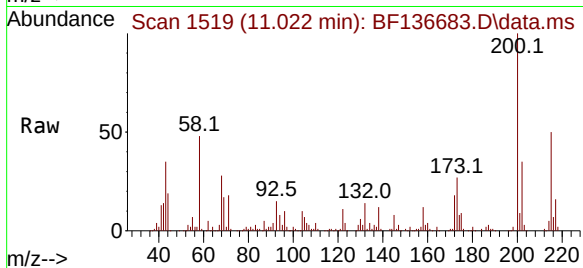
Tgt Ion:200 Resp: 119715

Ion Ratio Lower Upper

200 100

173 27.4 7.6 47.6

215 49.6 28.3 68.3



#70

Pentachlorophenol

Concen: 71.069 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

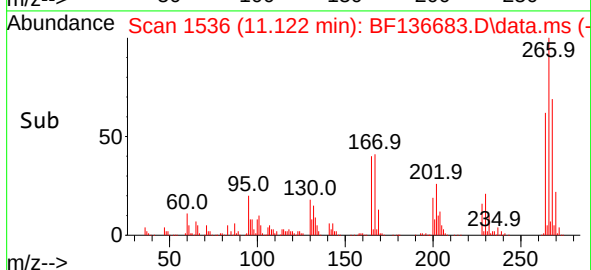
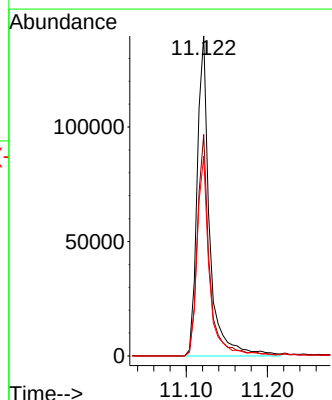
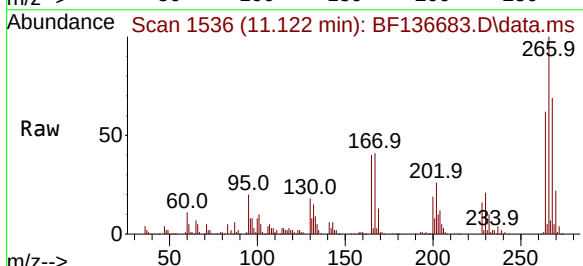
Tgt Ion:266 Resp: 149464

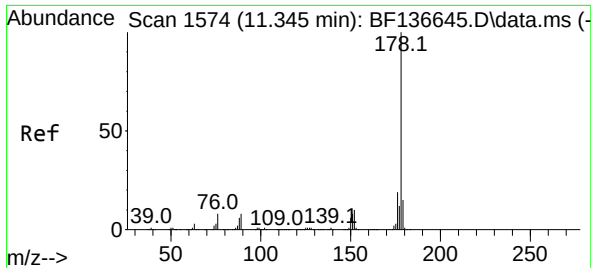
Ion Ratio Lower Upper

266 100

268 69.2 52.6 78.8

264 62.5 49.0 73.4

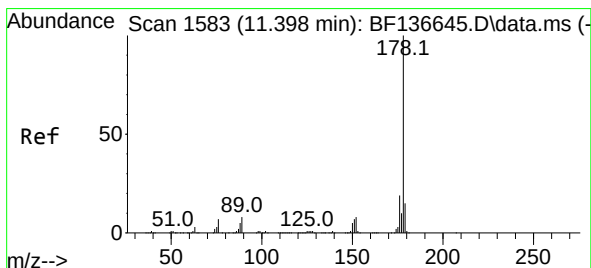
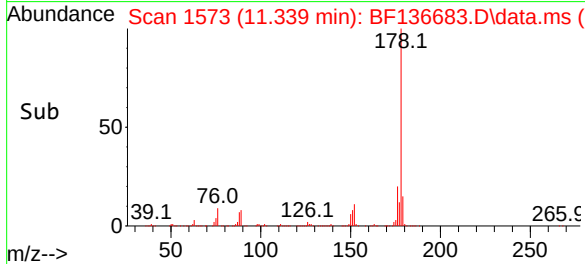
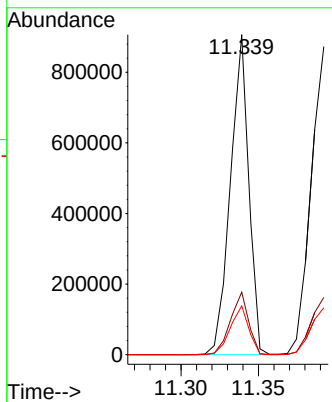
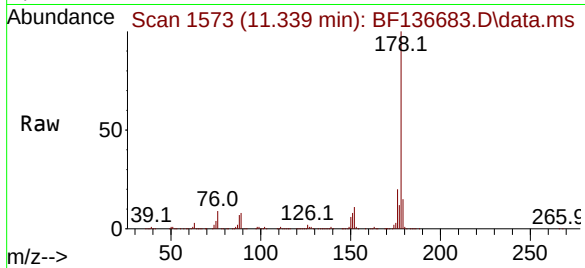




#71
Phenanthrene
Concen: 39.912 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

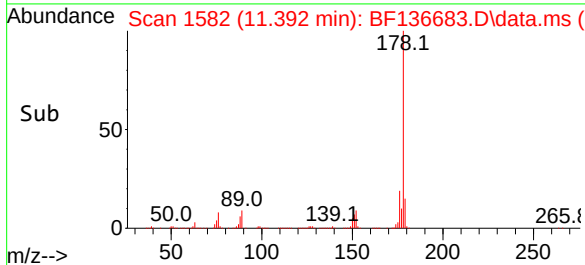
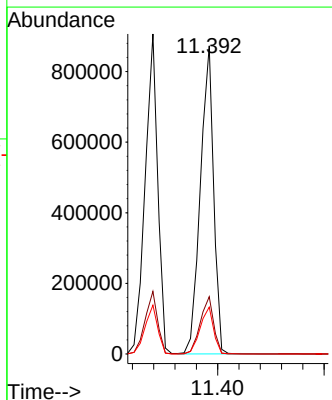
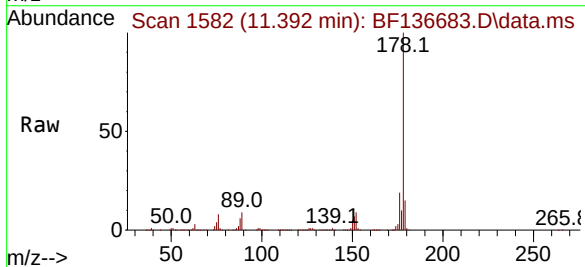
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

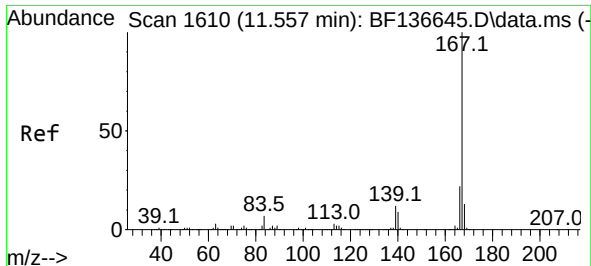
Tgt Ion:178 Resp: 746595
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.2 11.9 17.9



#72
Anthracene
Concen: 40.010 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:178 Resp: 757959
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 11.8 17.6

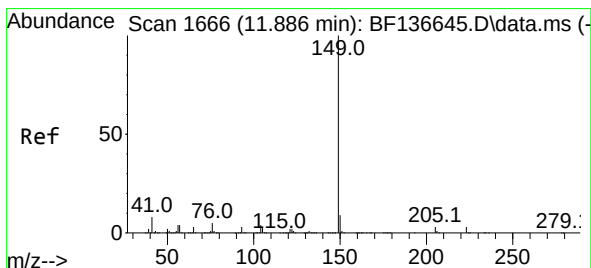
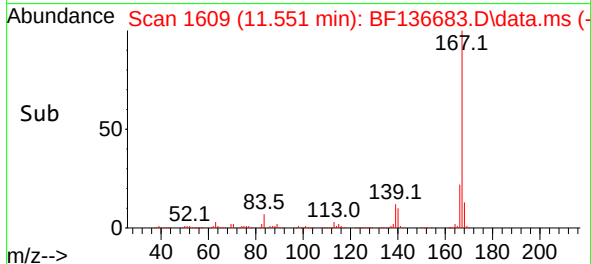
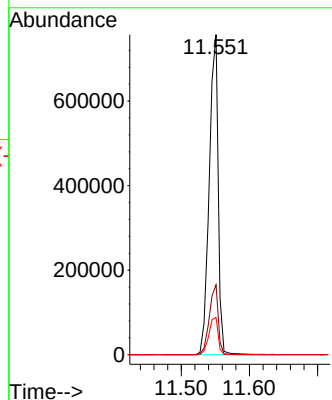
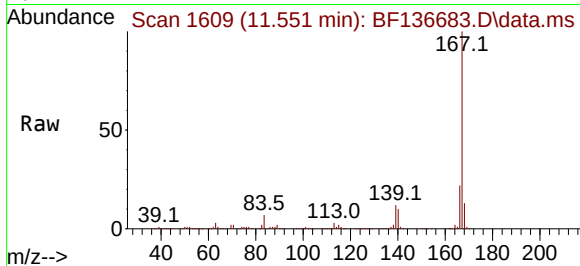




#73
 Carbazole
 Concen: 38.684 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

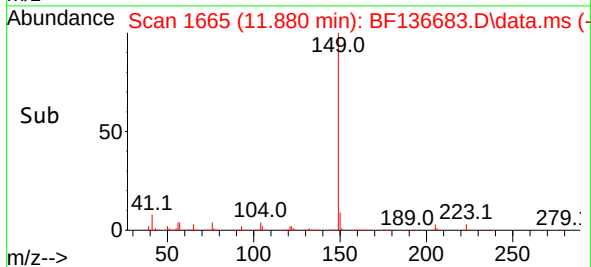
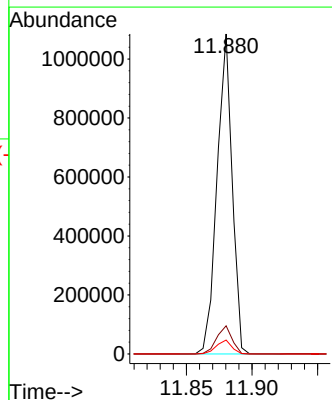
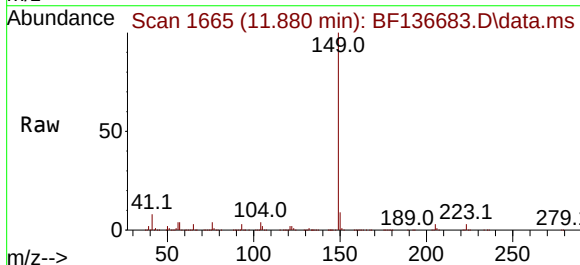
Instrument :
 BNA_F
 ClientSampleId :
 PB157642BSD

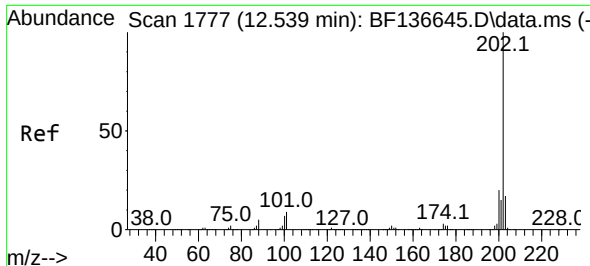
Tgt Ion:167 Resp: 690924
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 11.7 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 39.851 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

Tgt Ion:149 Resp: 868538
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.4 3.6 5.4

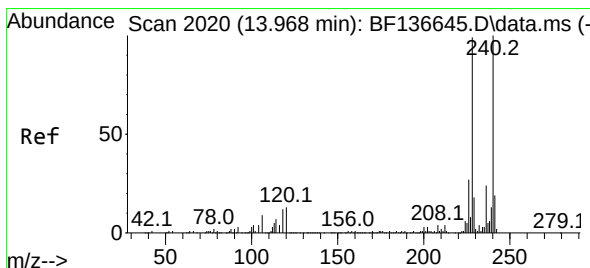
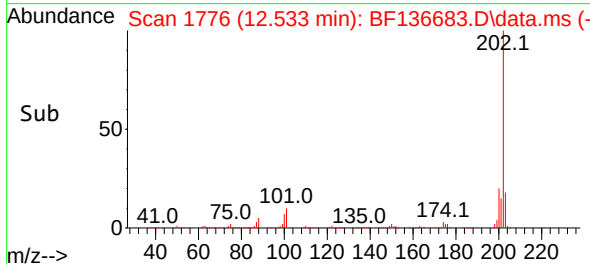
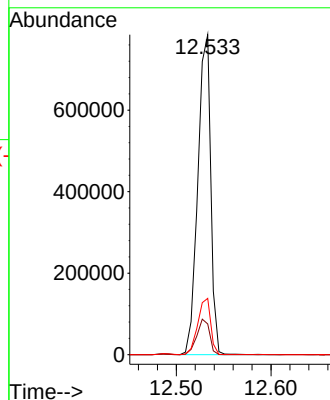
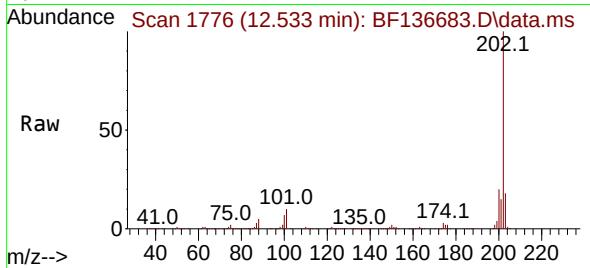




#75
Fluoranthene
Concen: 37.304 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

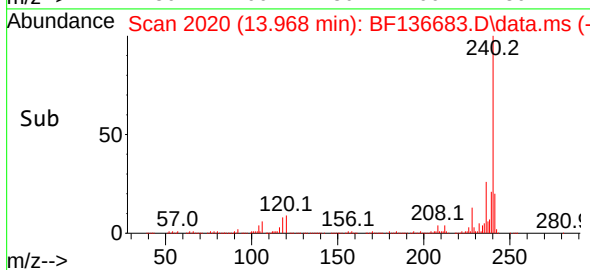
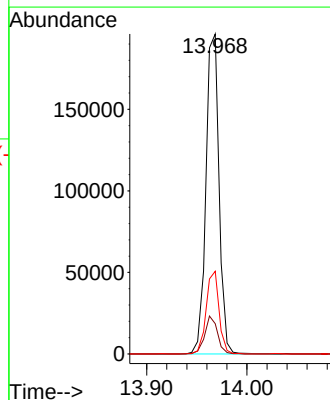
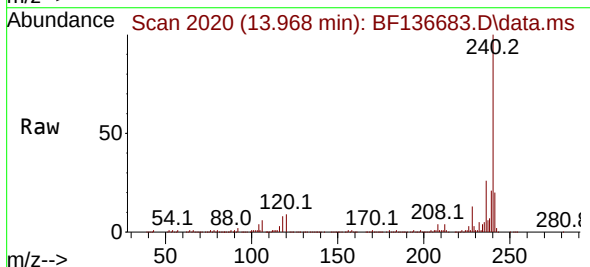
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

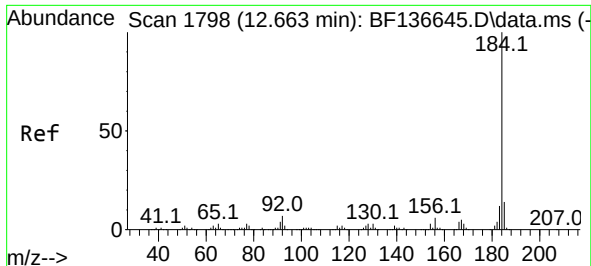
Tgt Ion:202 Resp: 746421
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:240 Resp: 179528
Ion Ratio Lower Upper
240 100
120 9.4 10.3 15.5#
236 25.9 19.4 29.2

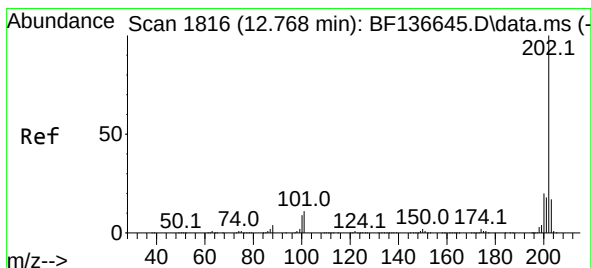
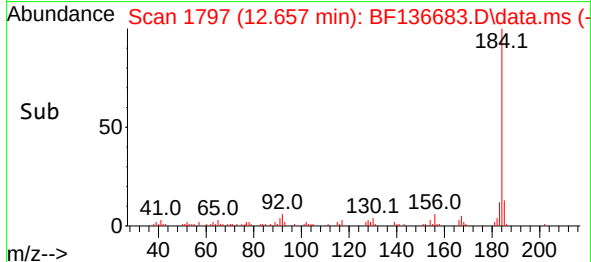
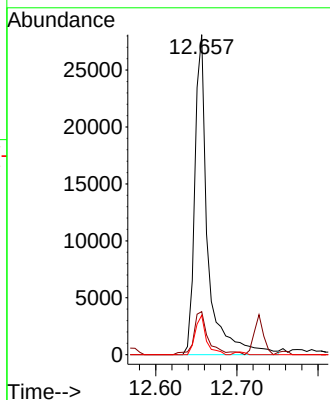
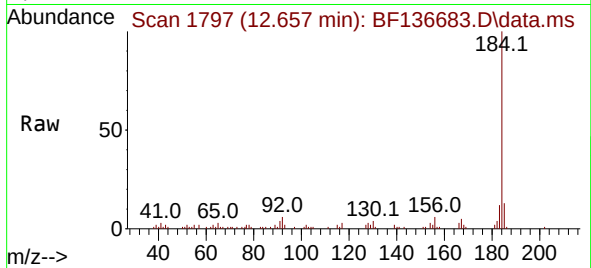




#77
Benzidine
Concen: 5.937 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

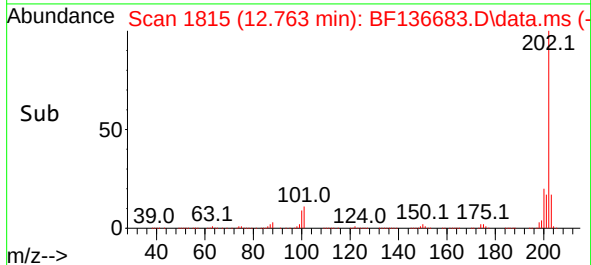
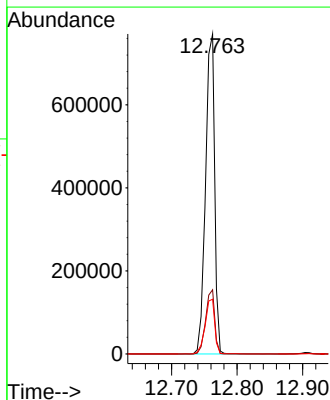
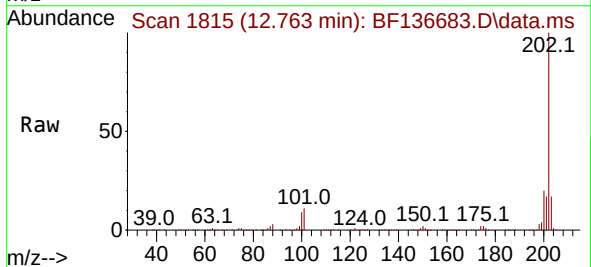
Instrument :
BNA_F
ClientSampleId :
PB157642BSD

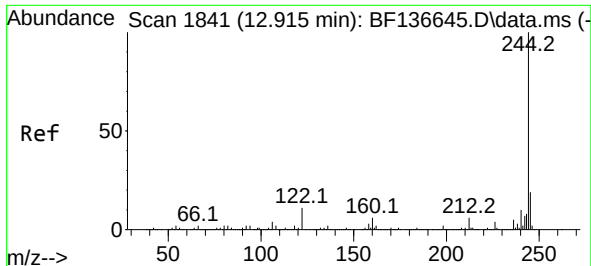
Tgt Ion:184 Resp: 31430
Ion Ratio Lower Upper
184 100
185 13.4 11.2 16.8
183 12.3 9.3 13.9



#78
Pyrene
Concen: 42.374 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:202 Resp: 746785
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.1 13.8 20.6

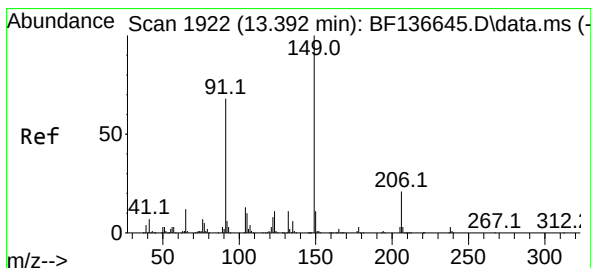
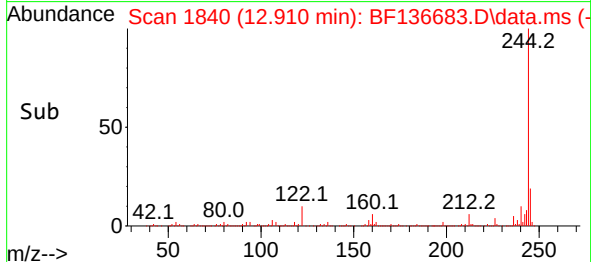
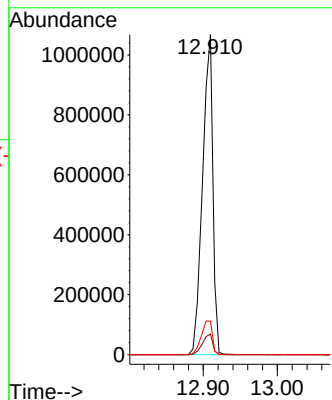
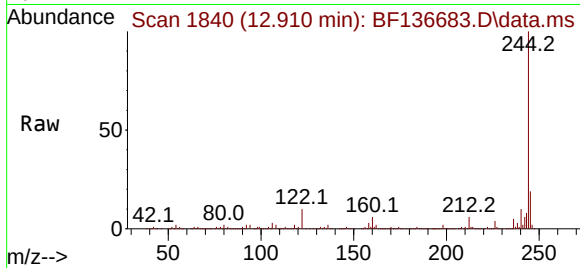




#79
 Terphenyl-d14
 Concen: 80.103 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

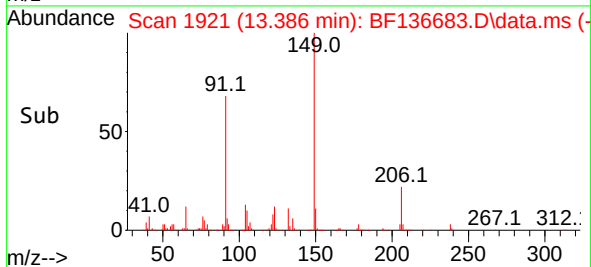
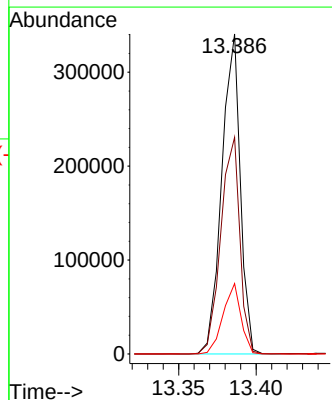
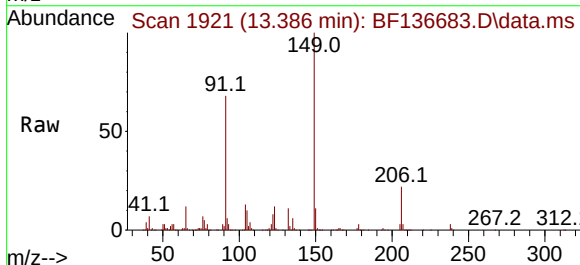
Instrument :
 BNA_F
 ClientSampleId :
 PB157642BSD

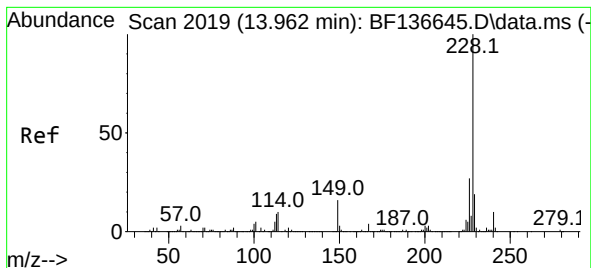
Tgt Ion:244 Resp: 1029057
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.150 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136683.D
 Acq: 22 Dec 2023 13:26

Tgt Ion:149 Resp: 283121
 Ion Ratio Lower Upper
 149 100
 91 67.7 54.1 81.1
 206 22.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.750 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

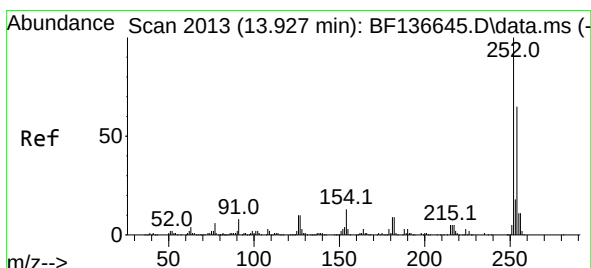
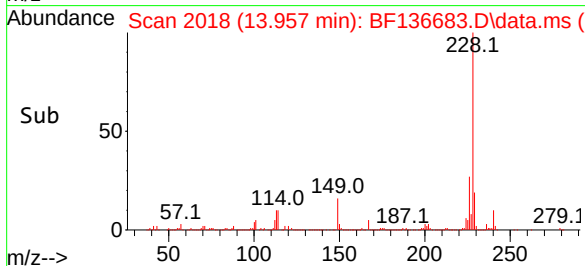
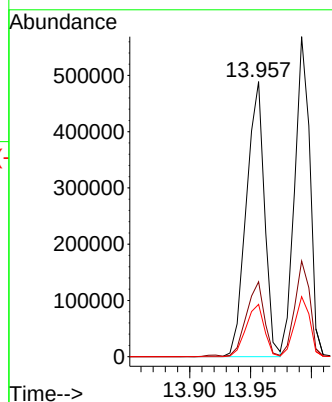
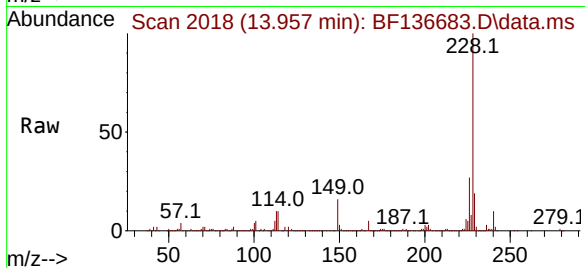
Tgt Ion:228 Resp: 508003

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.0 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 40.968 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

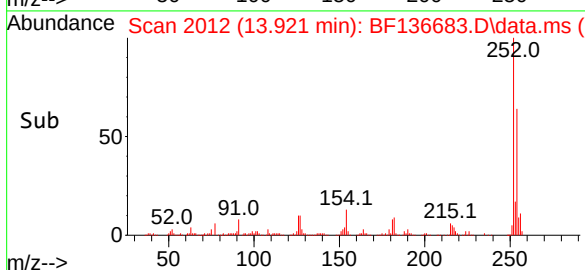
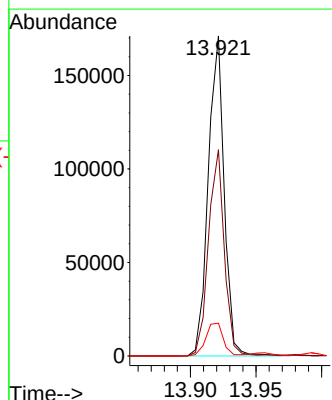
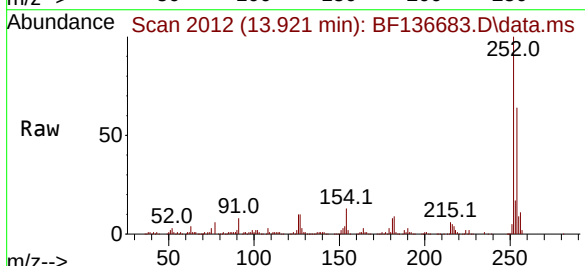
Tgt Ion:252 Resp: 145040

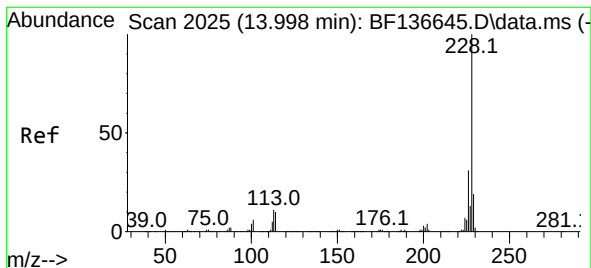
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.4

126 10.3 8.0 12.0





#83

Chrysene

Concen: 40.529 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

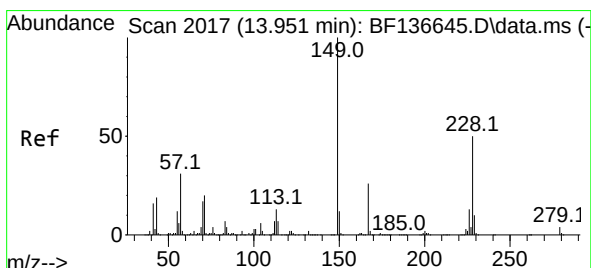
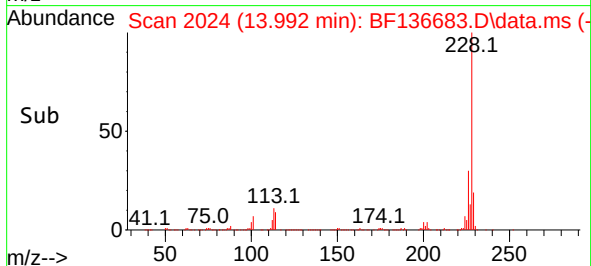
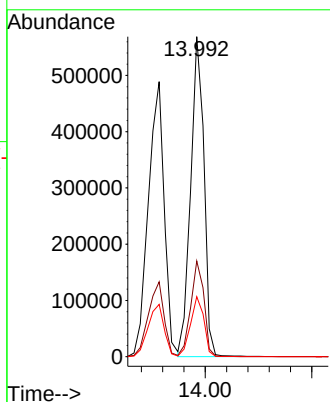
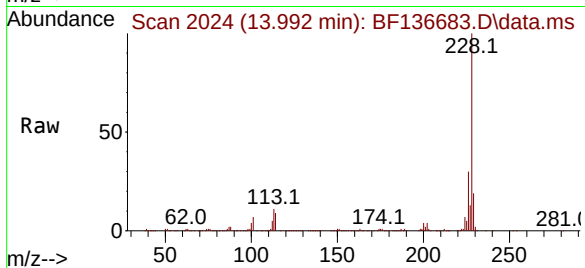
Tgt Ion:228 Resp: 494079

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 18.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.546 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

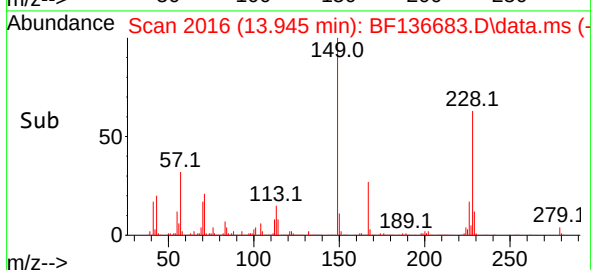
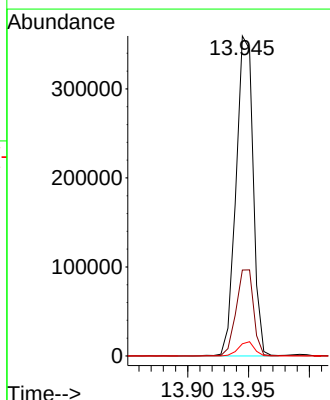
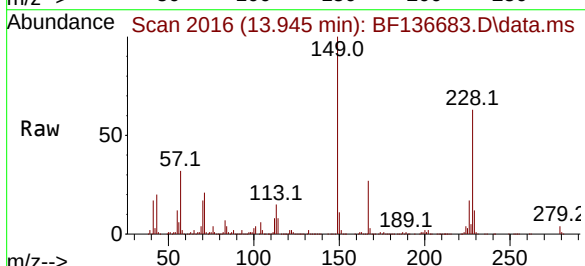
Tgt Ion:149 Resp: 351347

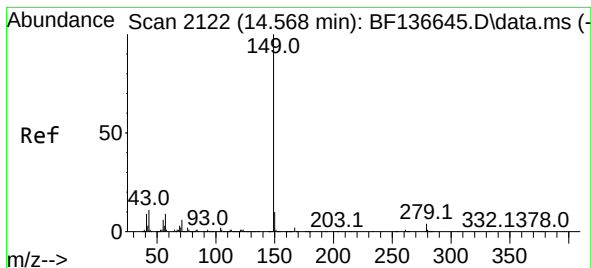
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.576 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

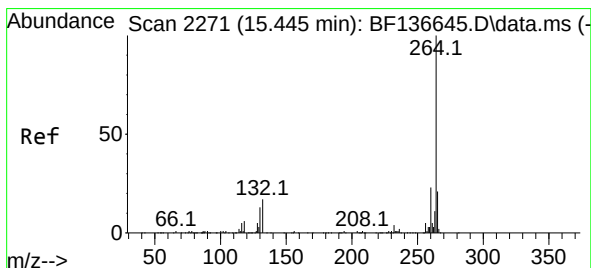
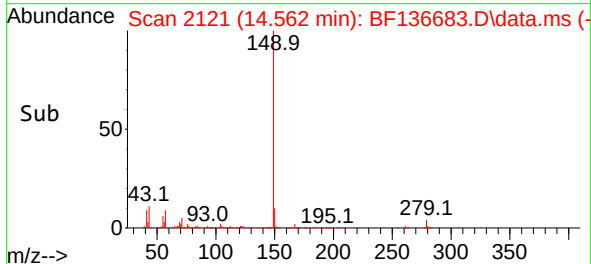
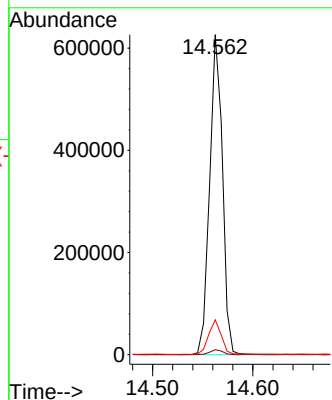
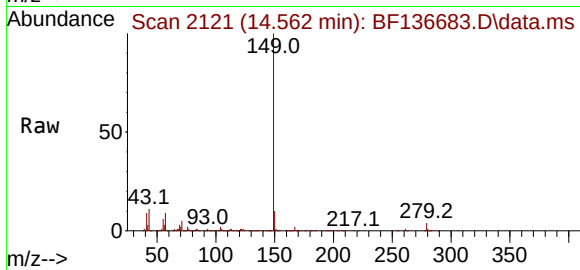
Tgt Ion:149 Resp: 556335

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

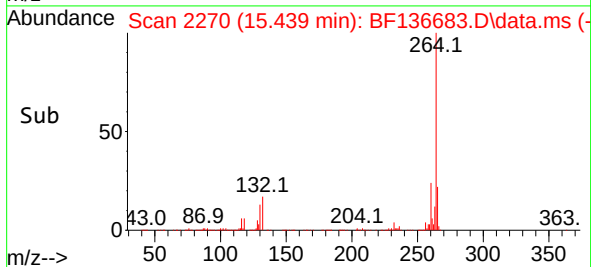
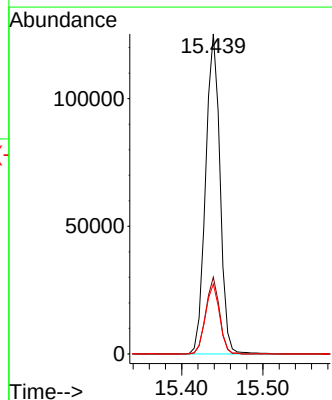
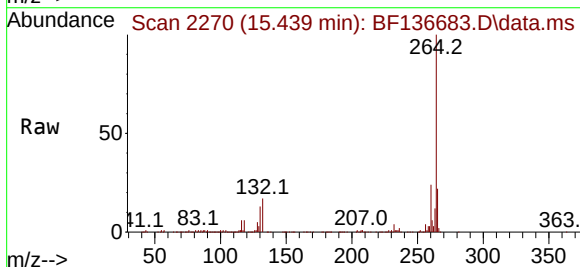
Tgt Ion:264 Resp: 153601

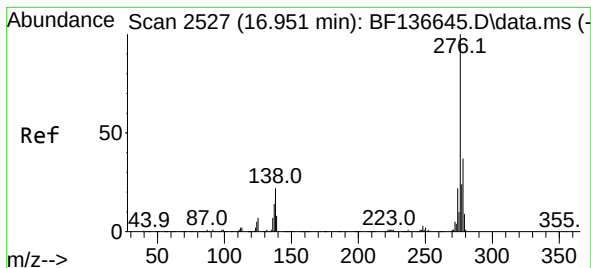
Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.402 ng

RT: 16.945 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

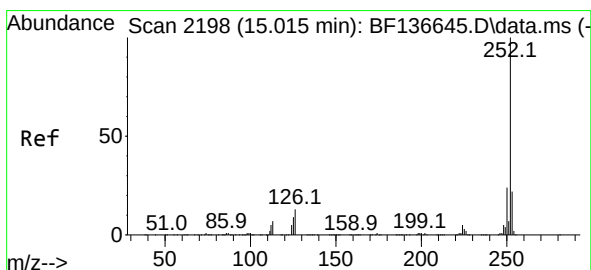
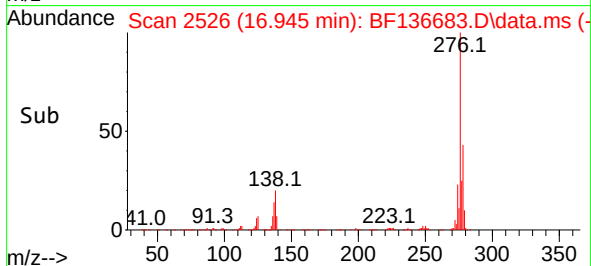
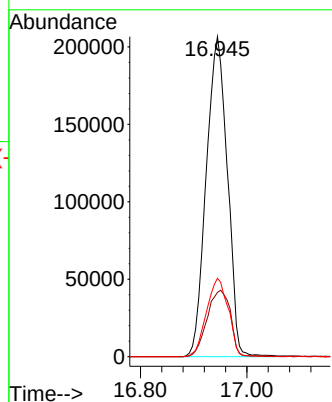
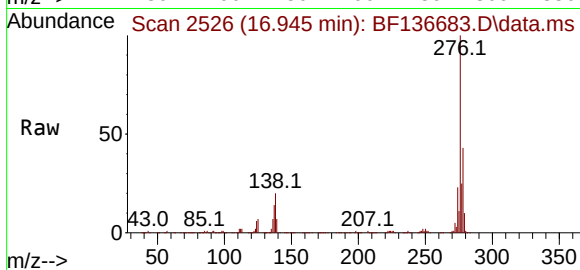
Tgt Ion:276 Resp: 570054

Ion Ratio Lower Upper

276 100

138 22.8 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.962 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

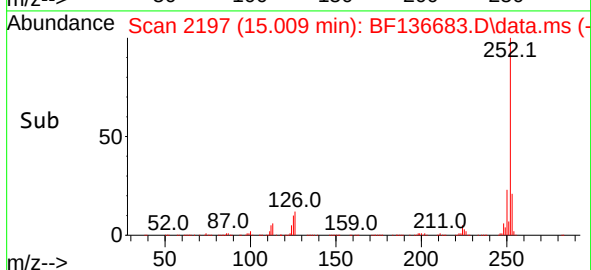
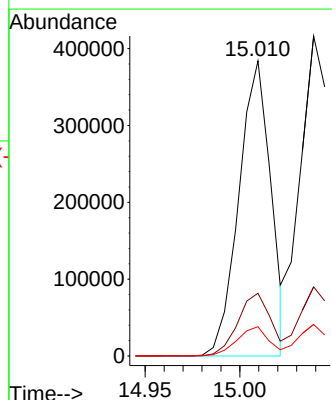
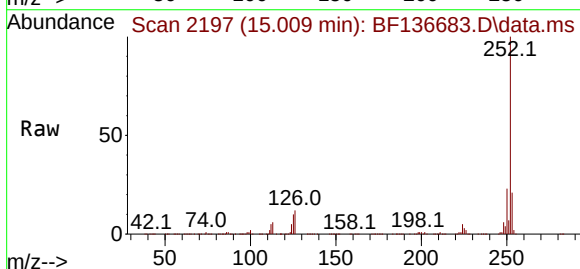
Tgt Ion:252 Resp: 451013

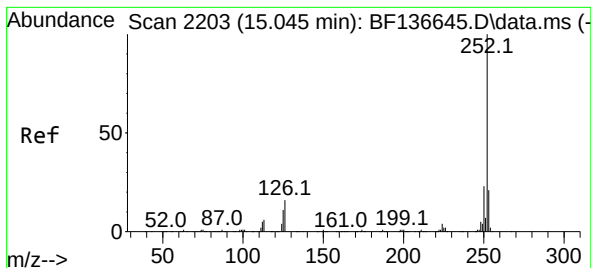
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.546 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

Instrument :

BNA_F

ClientSampleId :

PB157642BSD

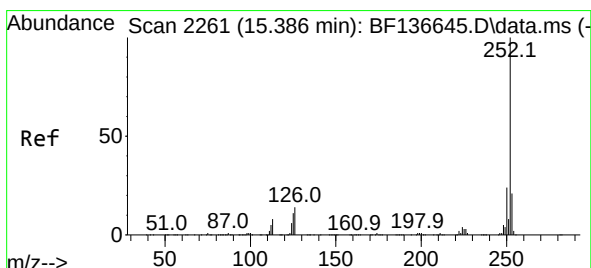
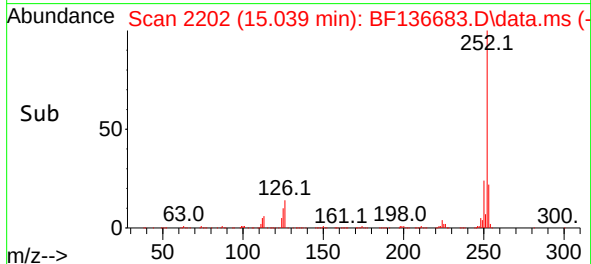
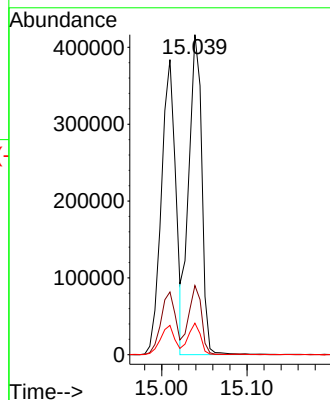
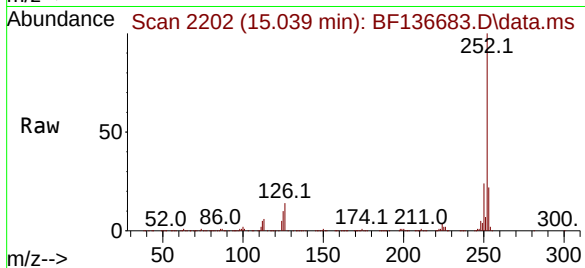
Tgt Ion:252 Resp: 441519

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 9.8 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.014 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136683.D

Acq: 22 Dec 2023 13:26

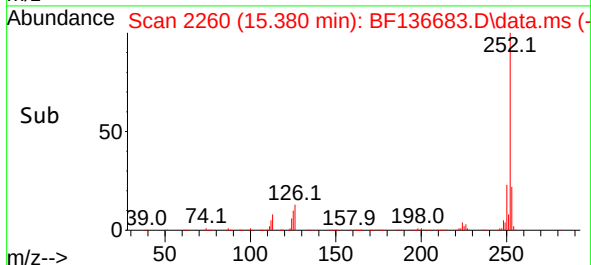
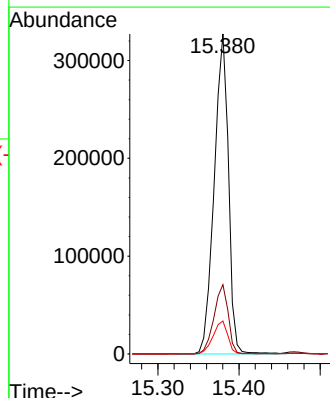
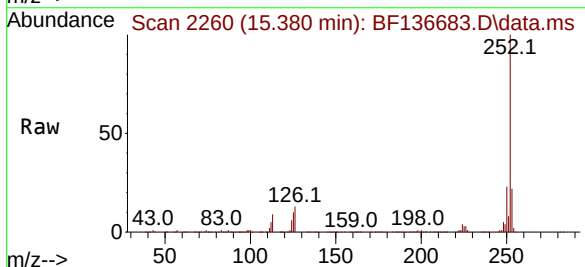
Tgt Ion:252 Resp: 398474

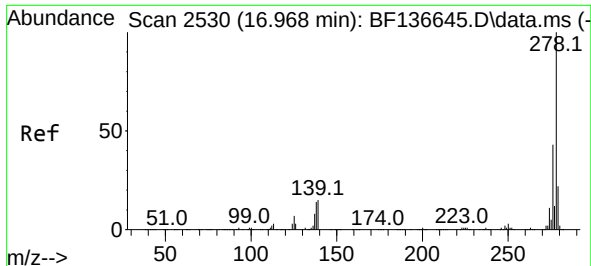
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.3 8.8 13.2

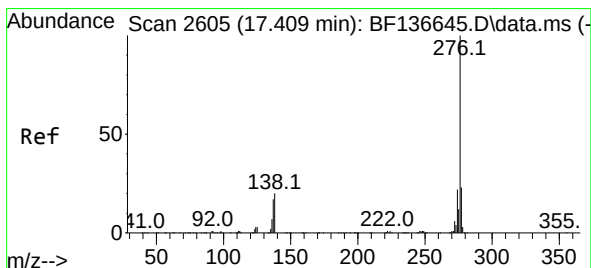
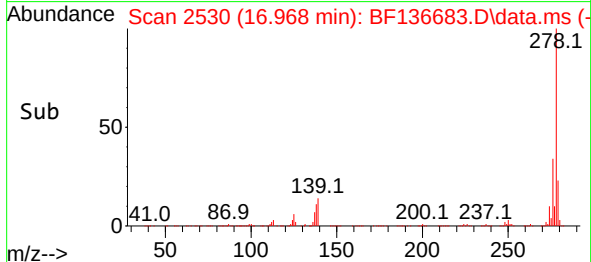
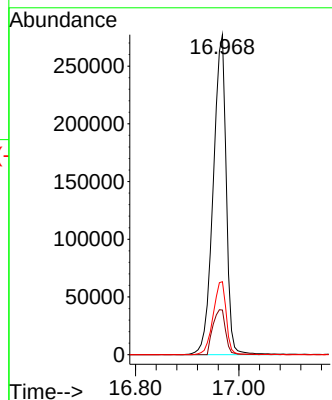
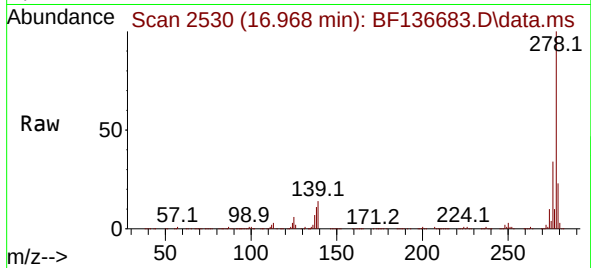




#91
Dibenzo(a,h)anthracene
Concen: 53.225 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Instrument :
BNA_F
ClientSampleId :
PB157642BSD

Tgt Ion:278 Resp: 484262
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 22.8 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 51.477 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136683.D
Acq: 22 Dec 2023 13:26

Tgt Ion:276 Resp: 479703
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 19.9 15.6 23.4

