

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136752.D
 Acq On : 27 Dec 2023 11:45
 Operator : CG\JU
 Sample : PB157937BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157937BS

Quant Time: Dec 27 12:12:38 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	6.786	152	92748	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	370045	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	171632	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	295500	20.000	ng	0.00
76) Chrysene-d12	13.968	240	172808	20.000	ng	0.00
86) Perylene-d12	15.445	264	157848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	705513	118.687	ng	0.01
7) Phenol-d6	6.439	99	835107	108.422	ng	0.00
23) Nitrobenzene-d5	7.351	82	533739	73.807	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	208827	103.311	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	955182	74.852	ng	0.00
79) Terphenyl-d14	12.910	244	841616	68.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	73665	29.743	ng	99
3) Pyridine	3.398	79	174525	28.881	ng	95
4) n-Nitrosodimethylamine	3.363	42	128198	39.726	ng	97
6) Aniline	6.451	93	181330	23.547	ng	# 1
8) 2-Chlorophenol	6.575	128	273044	41.974	ng	98
9) Benzaldehyde	6.339	77	60825	13.883	ng	98
10) Phenol	6.451	94	312895	38.054	ng	91
11) bis(2-Chloroethyl)ether	6.528	93	255294	40.827	ng	100
12) 1,3-Dichlorobenzene	6.728	146	271347	38.238	ng	98
13) 1,4-Dichlorobenzene	6.804	146	279949	38.609	ng	98
14) 1,2-Dichlorobenzene	6.951	146	265441	39.342	ng	98
15) Benzyl Alcohol	6.934	79	218172	41.986	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	404570	39.574	ng	92
17) 2-Methylphenol	7.051	107	207240	38.456	ng	96
18) Hexachloroethane	7.292	117	102195	38.809	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	181436	38.859	ng	99
20) 3+4-Methylphenols	7.204	107	248575	36.922	ng	# 74
22) Acetophenone	7.198	105	372507	40.162	ng	95
24) Nitrobenzene	7.369	77	276744	38.203	ng	99
25) Isophorone	7.610	82	492209	37.406	ng	99
26) 2-Nitrophenol	7.686	139	140679	40.590	ng	98
27) 2,4-Dimethylphenol	7.728	122	204462	48.456	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	302769	37.854	ng	100
29) 2,4-Dichlorophenol	7.928	162	203024	37.374	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	233285	38.543	ng	98
31) Naphthalene	8.086	128	776183	38.181	ng	100
32) Benzoic acid	7.875	122	145736	35.696	ng	96
33) 4-Chloroaniline	8.139	127	163797	21.822	ng	97
34) Hexachlorobutadiene	8.198	225	136928	37.236	ng	99
35) Caprolactam	8.516	113	42157	23.524	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	216720	35.438	ng	99
37) 2-Methylnaphthalene	8.780	142	474034	36.232	ng	99
38) 1-Methylnaphthalene	8.875	142	448819	34.966	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	223842	42.112	ng	98
41) Hexachlorocyclopentadiene	8.928	237	150220	88.108	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	140647	41.259	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	148943	39.209	ng	# 95
46) 1,1'-Biphenyl	9.245	154	579064	40.206	ng	98
47) 2-Chloronaphthalene	9.269	162	438709	40.068	ng	99
48) 2-Nitroaniline	9.369	65	133710	38.998	ng	98
49) Acenaphthylene	9.686	152	686721	41.034	ng	100
50) Dimethylphthalate	9.551	163	479259	38.229	ng	99
51) 2,6-Dinitrotoluene	9.616	165	106017	37.262	ng	96
52) Acenaphthene	9.857	154	400958	38.650	ng	99
53) 3-Nitroaniline	9.786	138	88819	29.470	ng	91
54) 2,4-Dinitrophenol	9.898	184	103372	66.230	ng	90
55) Dibenzofuran	10.027	168	603500	38.377	ng	100
56) 4-Nitrophenol	9.963	139	136409	67.046	ng	96
57) 2,4-Dinitrotoluene	10.022	165	132249	35.805	ng	97
58) Fluorene	10.374	166	464838	37.254	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	117104	40.047	ng	98
60) Diethylphthalate	10.251	149	473767	36.423	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	220485	36.354	ng	98
62) 4-Nitroaniline	10.404	138	97661	33.613	ng	98
63) Azobenzene	10.527	77	438761	36.115	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	68738	40.589	ng	91
66) n-Nitrosodiphenylamine	10.486	169	405882	42.283	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	136548	41.608	ng	98
68) Hexachlorobenzene	10.922	284	150105	41.044	ng	98
69) Atrazine	11.022	200	96262	39.208	ng	97
70) Pentachlorophenol	11.121	266	114116	66.943	ng	94
71) Phenanthrene	11.339	178	624432	41.183	ng	99
72) Anthracene	11.392	178	624378	40.662	ng	99
73) Carbazole	11.551	167	559630	38.656	ng	99
74) Di-n-butylphthalate	11.880	149	684092	38.724	ng	99
75) Fluoranthene	12.533	202	618321	38.125	ng	98
77) Benzidine	12.657	184	37395	7.339	ng	98
78) Pyrene	12.763	202	620743	36.592	ng	100
80) Butylbenzylphthalate	13.386	149	247283	40.061	ng	98
81) Benzo(a)anthracene	13.957	228	481365	40.115	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	152212	44.666	ng	98
83) Chrysene	13.998	228	467063	39.803	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	337938	43.513	ng	# 96
85) Di-n-octyl phthalate	14.562	149	573547	47.742	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	558376	48.994	ng	99
88) Benzo(b)fluoranthene	15.015	252	463718	43.984	ng	99
89) Benzo(k)fluoranthene	15.045	252	453443	45.517	ng	99
90) Benzo(a)pyrene	15.386	252	410304	46.105	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	476331	50.945	ng	97
92) Benzo(g,h,i)perylene	17.421	276	474075	49.505	ng	98

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

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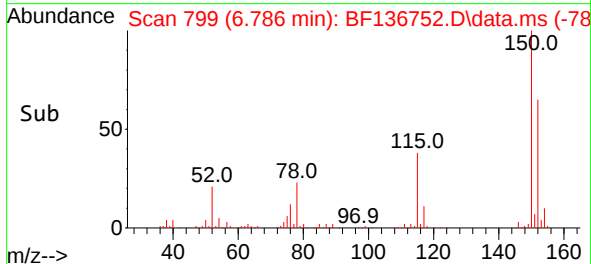
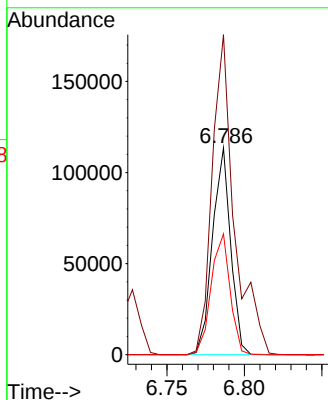
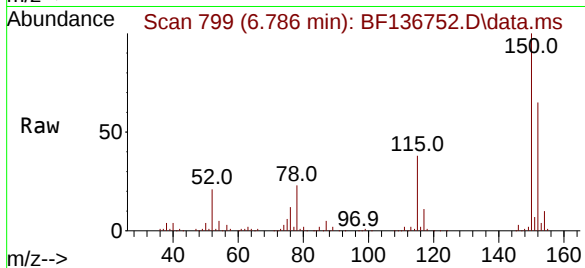




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF136752.D
 Acq: 27 Dec 2023 11:45

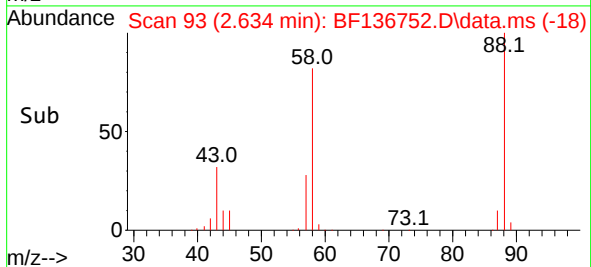
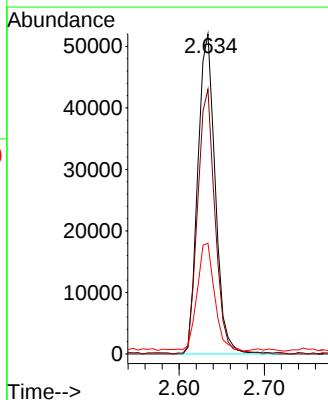
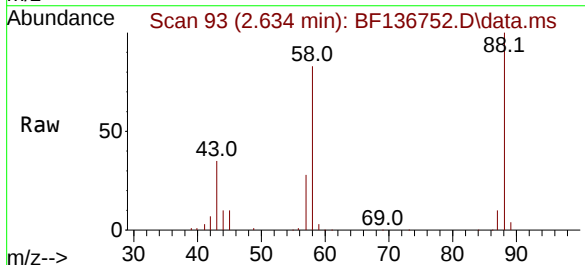
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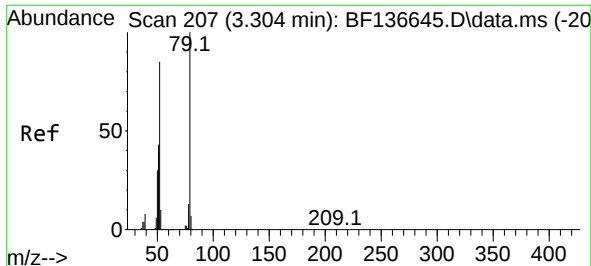
Tgt Ion:152 Resp: 92748
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.0 190.6
 115 58.4 49.0 73.4



#2
 1,4-Dioxane
 Concen: 29.743 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF136752.D
 Acq: 27 Dec 2023 11:45

Tgt Ion: 88 Resp: 73665
 Ion Ratio Lower Upper
 88 100
 58 83.2 67.4 101.0
 43 34.2 27.7 41.5

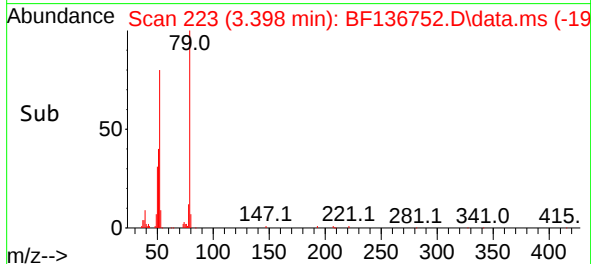
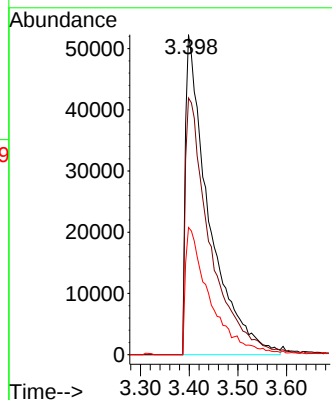
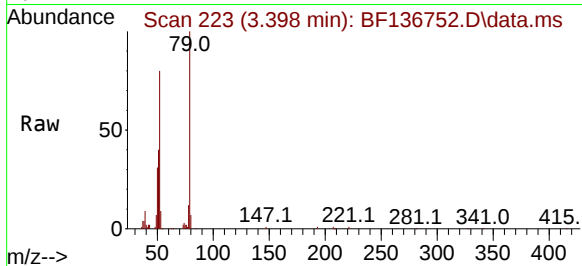




#3
 Pyridine
 Concen: 28.881 ng
 RT: 3.398 min Scan# 217
 Delta R.T. 0.094 min
 Lab File: BF136752.D
 Acq: 27 Dec 2023 11:45

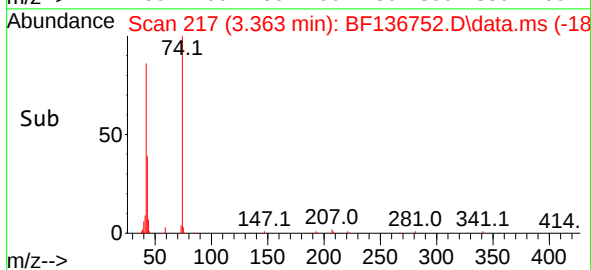
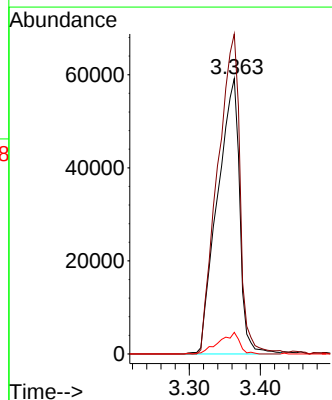
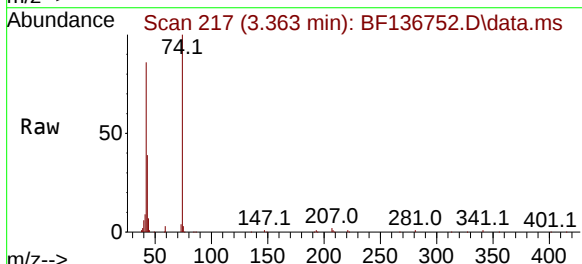
Instrument :
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 ClientSampleId :
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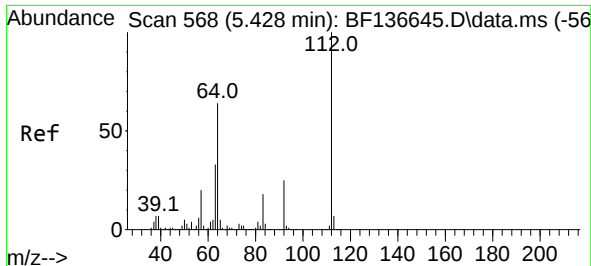
Tgt Ion: 79 Resp: 174525
 Ion Ratio Lower Upper
 79 100
 52 80.2 67.7 101.5
 51 39.8 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 39.726 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136752.D
 Acq: 27 Dec 2023 11:45

Tgt Ion: 42 Resp: 128198
 Ion Ratio Lower Upper
 42 100
 74 116.2 96.0 144.0
 44 7.8 5.4 8.2

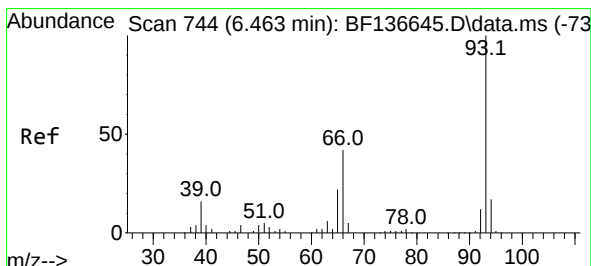
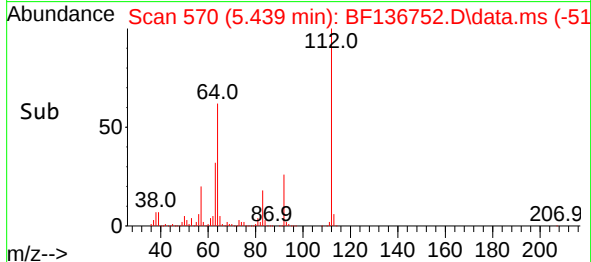
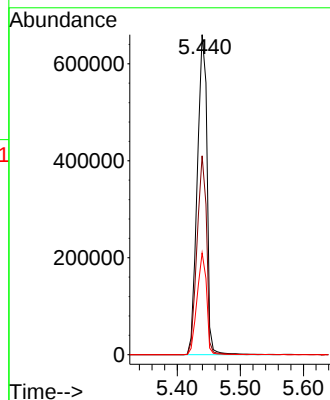
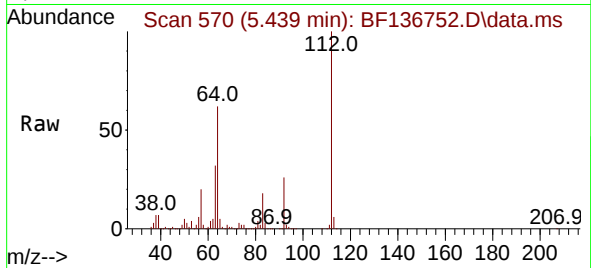




#5
2-Fluorophenol
Concen: 118.687 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

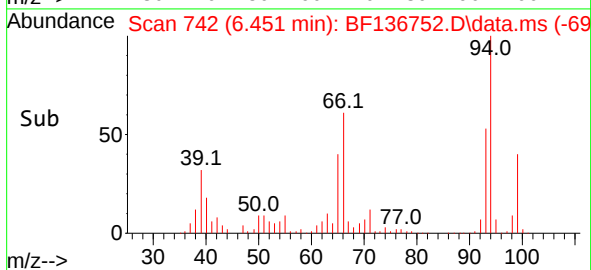
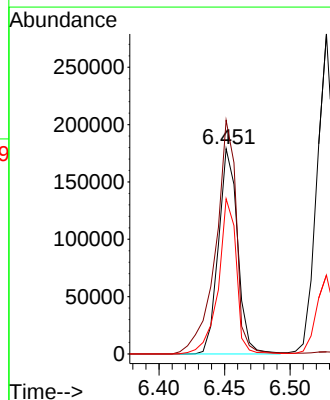
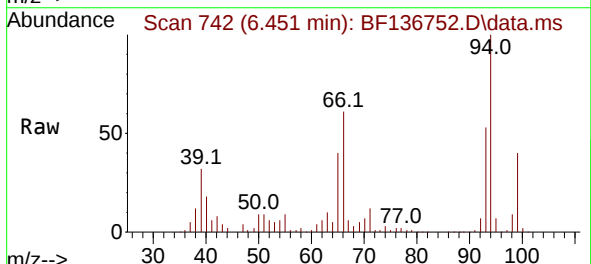
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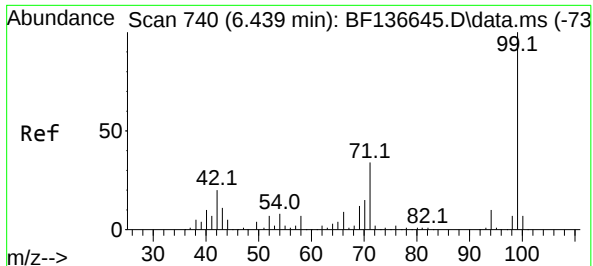
Tgt Ion:112 Resp: 705513
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 31.8 26.1 39.1



#6
Aniline
Concen: 23.547 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion: 93 Resp: 181330
Ion Ratio Lower Upper
93 100
66 113.8 34.6 51.8#
65 75.6 17.8 26.8#

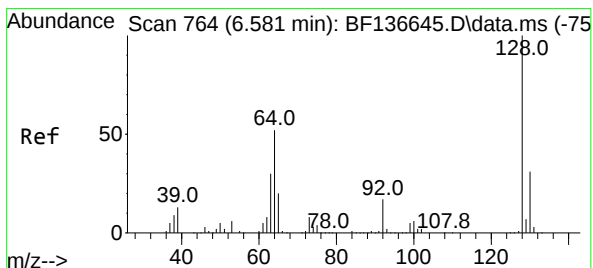
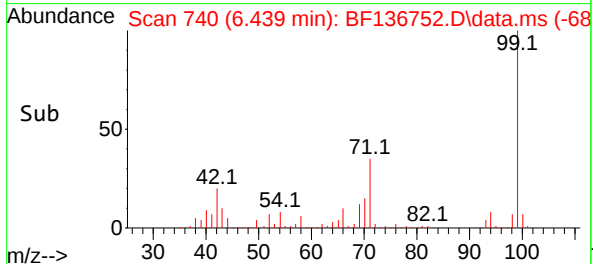
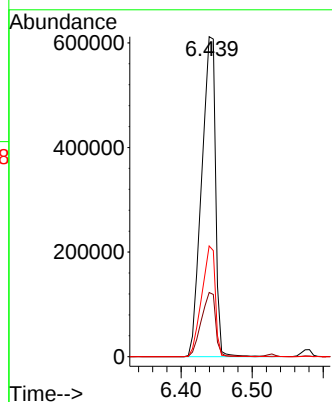
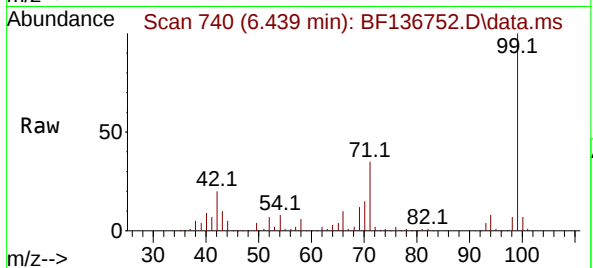




#7
Phenol-d6
Concen: 108.422 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

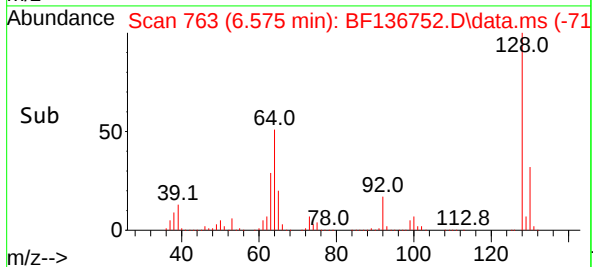
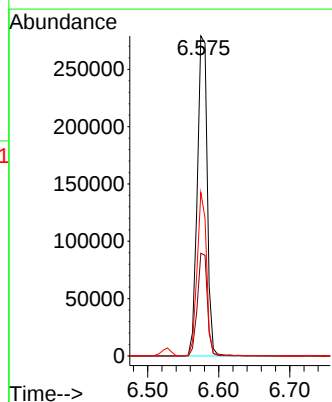
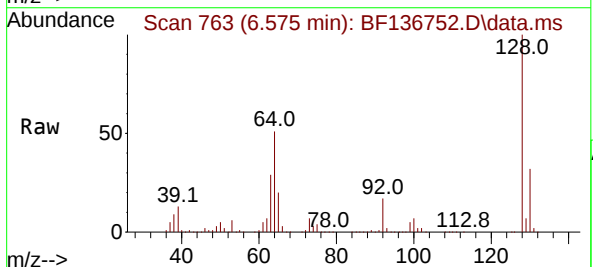
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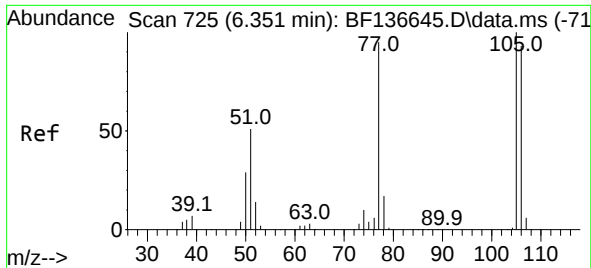
Tgt Ion: 99 Resp: 835107
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 34.6 27.4 41.2



#8
2-Chlorophenol
Concen: 41.974 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion: 128 Resp: 273044
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 51.1 32.5 72.5

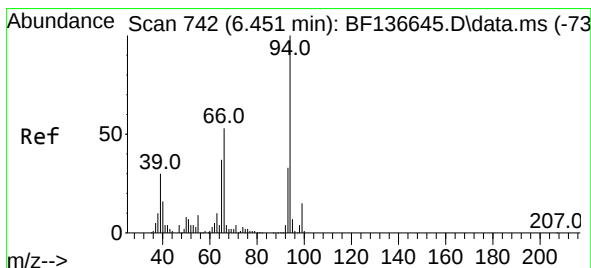
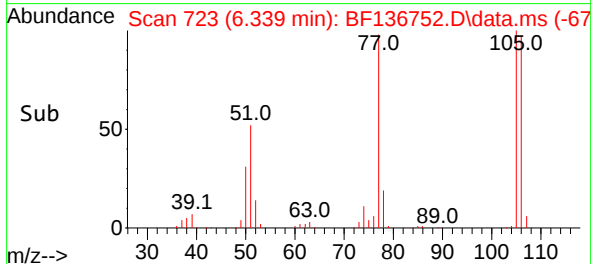
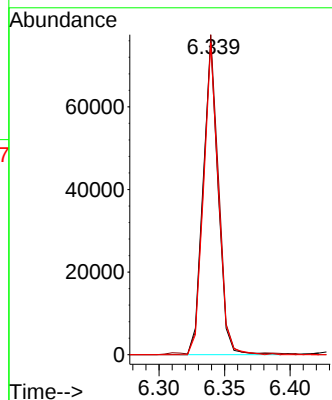
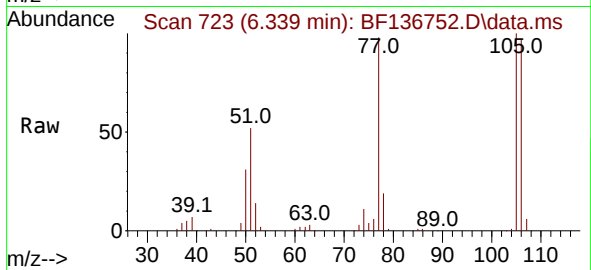




#9
Benzaldehyde
Concen: 13.883 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

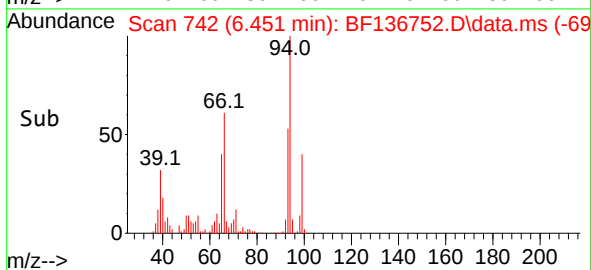
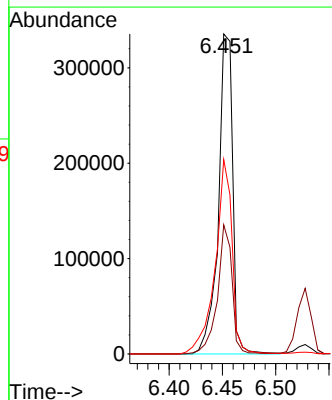
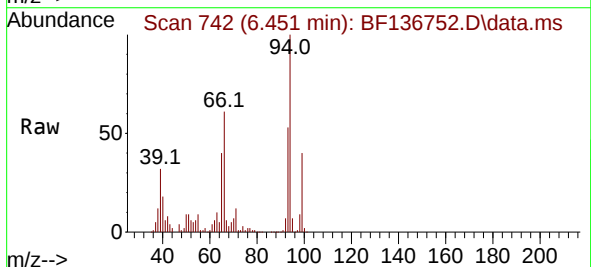
Instrument :
BNA_F
ClientSampleId :
PB157937BS

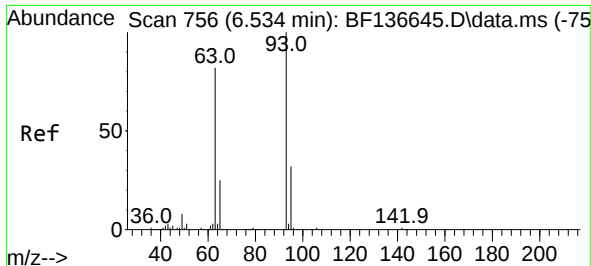
Tgt Ion:	77	Resp:	60825
Ion	Ratio	Lower	Upper
77	100		
105	101.7	84.8	124.8
106	99.1	77.8	117.8



#10
Phenol
Concen: 38.054 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136752.D
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Tgt Ion:	94	Resp:	312895
Ion	Ratio	Lower	Upper
94	100		
65	40.3	16.6	56.6
66	60.7	32.6	72.6





#11

bis(2-Chloroethyl)ether

Concen: 40.827 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

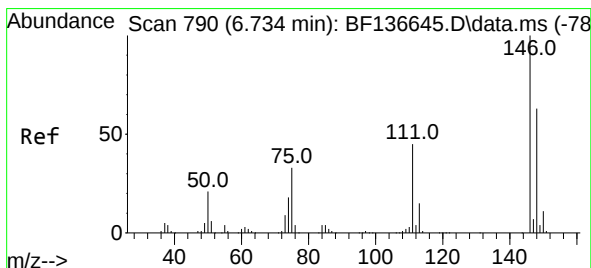
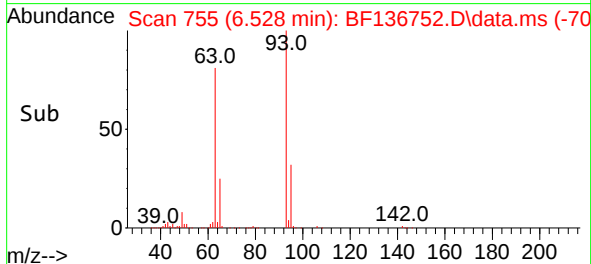
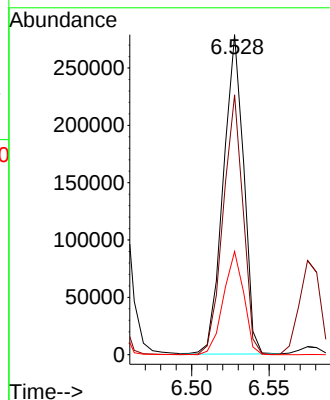
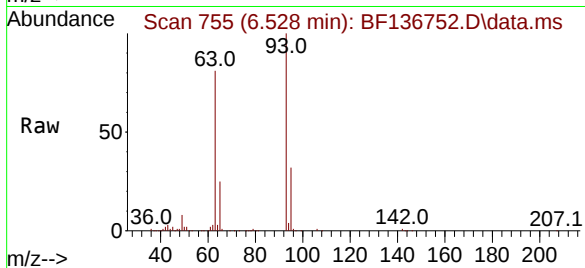
Tgt Ion: 93 Resp: 255294

Ion Ratio Lower Upper

93 100

63 81.2 61.2 101.2

95 32.2 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.238 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

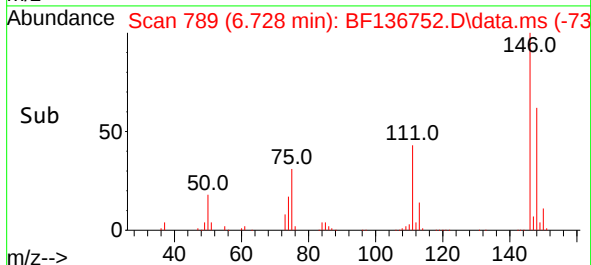
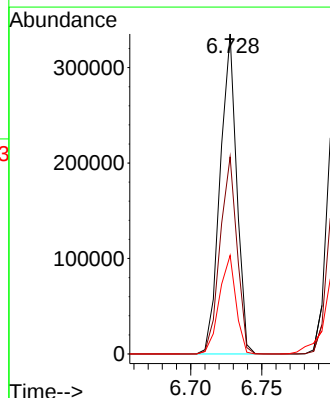
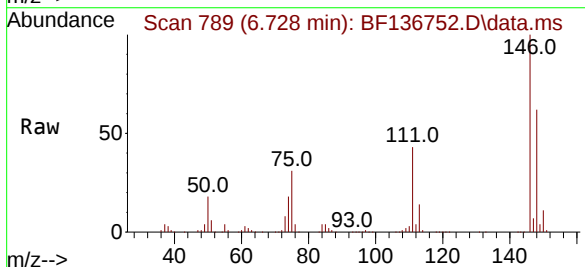
Tgt Ion: 146 Resp: 271347

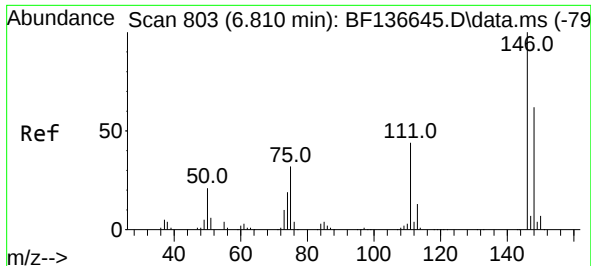
Ion Ratio Lower Upper

146 100

148 61.6 50.5 75.7

75 30.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.609 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

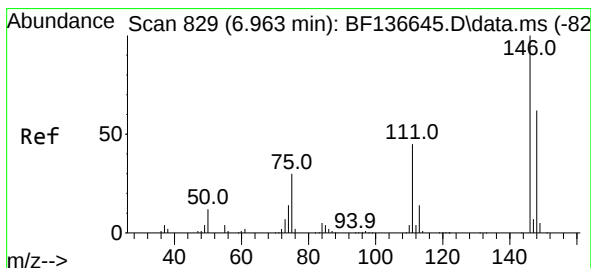
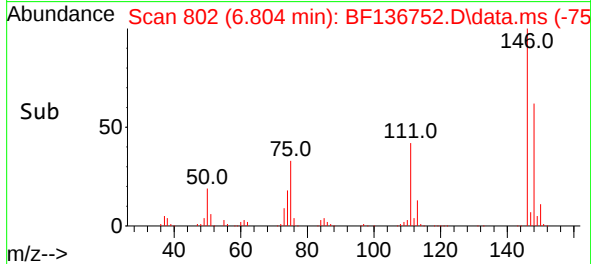
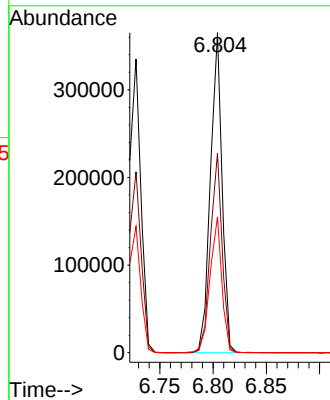
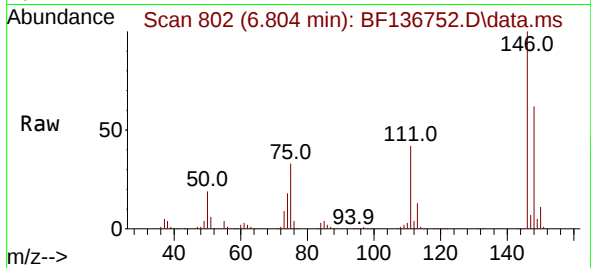
Tgt Ion:146 Resp: 279949

Ion Ratio Lower Upper

146 100

148 62.4 49.2 73.8

111 42.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.342 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

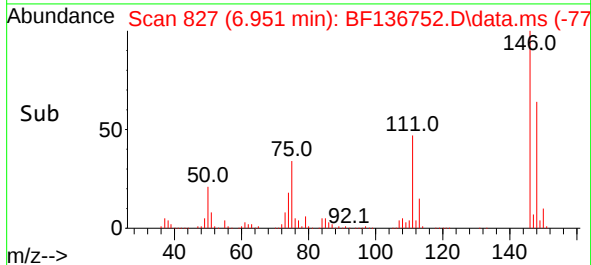
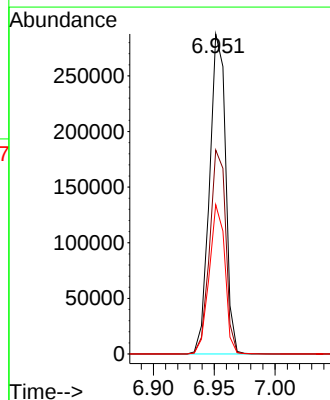
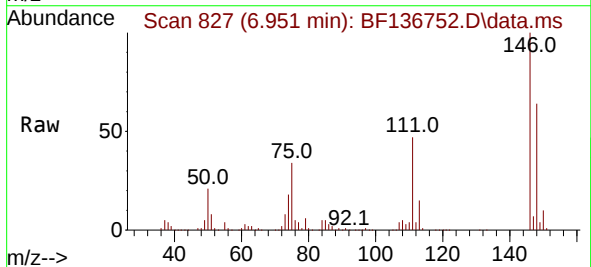
Tgt Ion:146 Resp: 265441

Ion Ratio Lower Upper

146 100

148 63.8 49.6 74.4

111 46.6 36.2 54.2

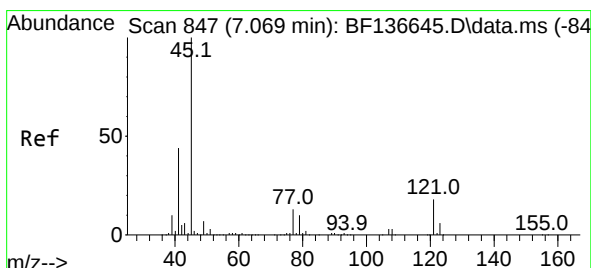
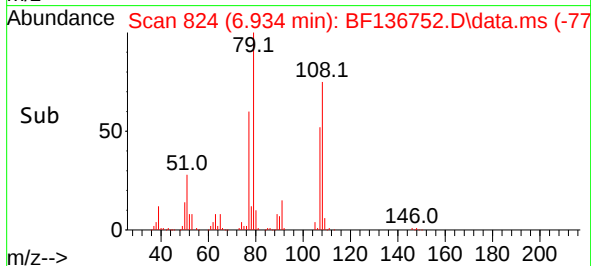
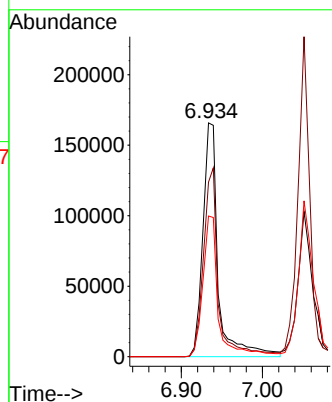
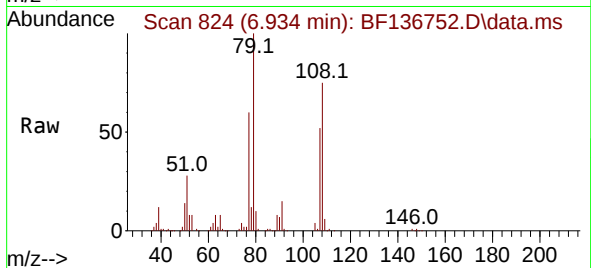




#15
Benzyl Alcohol
Concen: 41.986 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

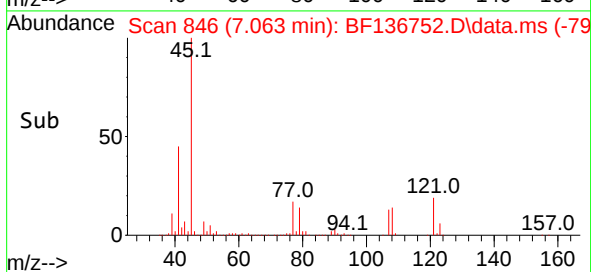
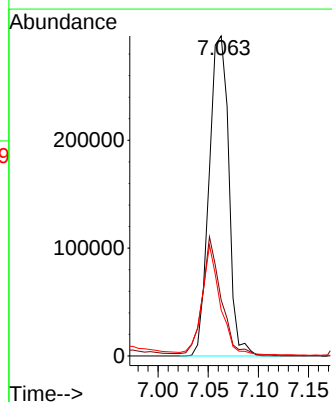
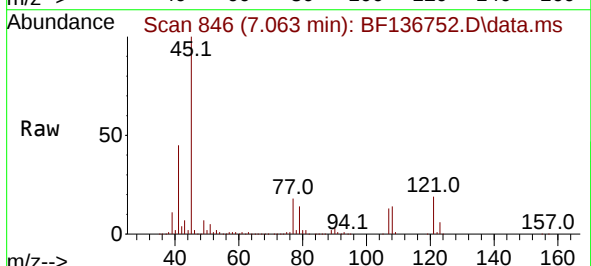
Instrument :
BNA_F
ClientSampleId :
PB157937BS

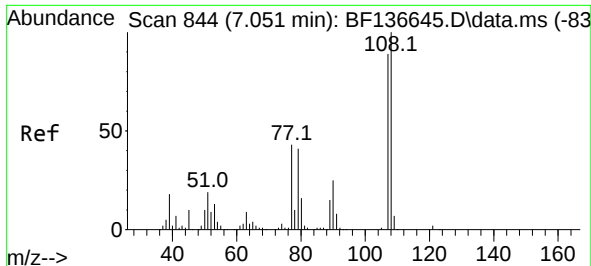
Tgt Ion: 79 Resp: 218172
Ion Ratio Lower Upper
79 100
108 74.7 61.0 91.6
77 60.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.574 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion: 45 Resp: 404570
Ion Ratio Lower Upper
45 100
77 17.5 0.0 34.3
79 14.4 0.0 31.4



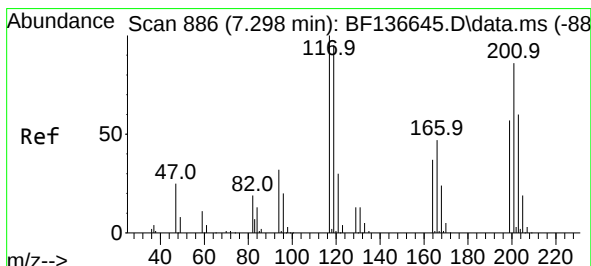
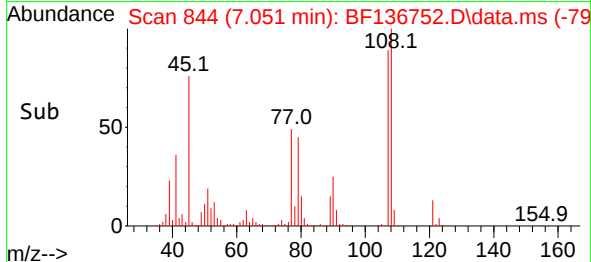
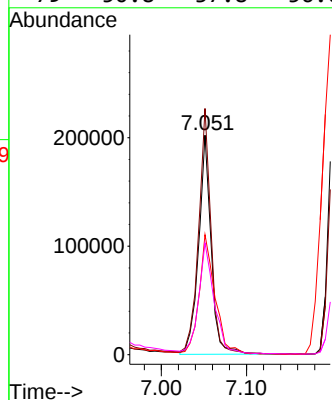
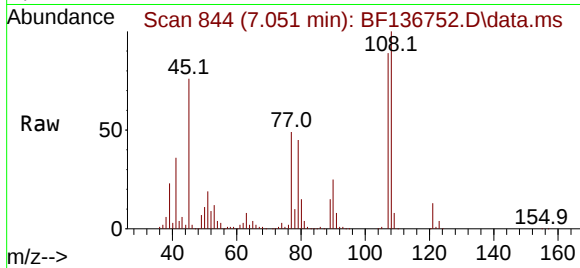


#17
2-Methylphenol
Concen: 38.456 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:107 Resp: 207240

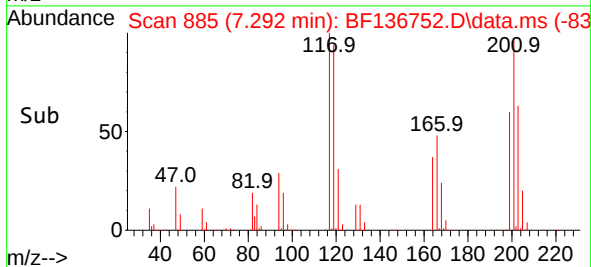
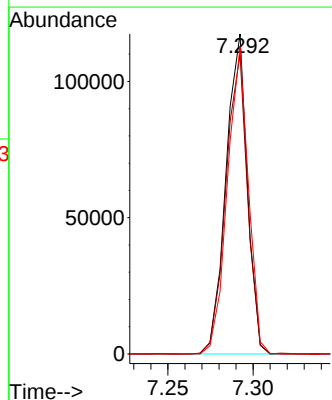
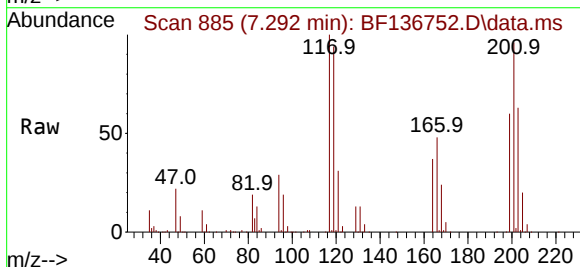
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.3	135.5
77	54.6	38.7	58.1
79	50.8	37.8	56.6



#18
Hexachloroethane
Concen: 38.809 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:117 Resp: 102195

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.6
201	96.0	69.1	103.7

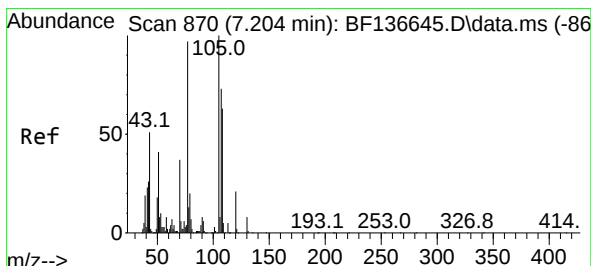
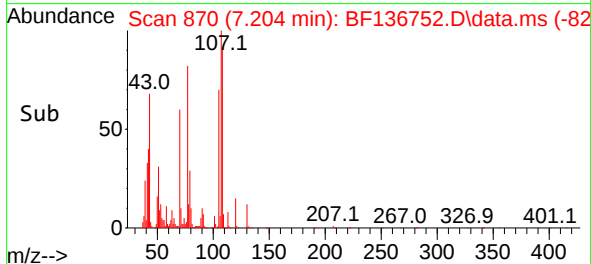
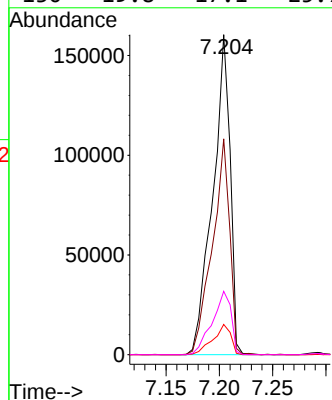
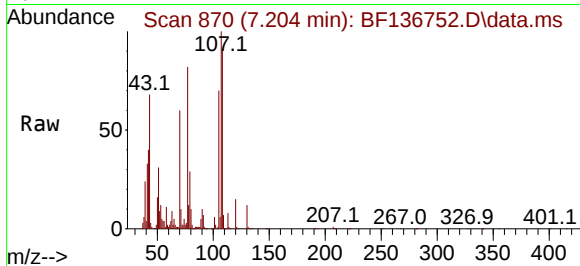




#19
n-Nitroso-di-n-propylamine
Concen: 38.859 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

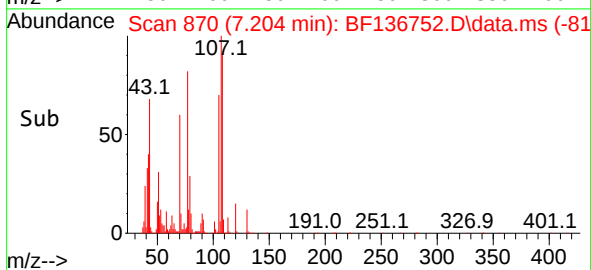
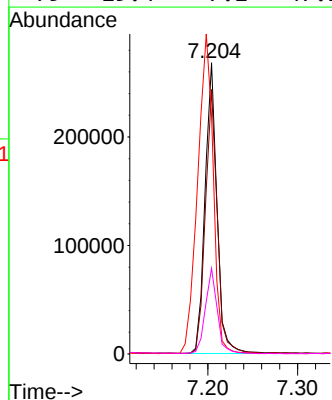
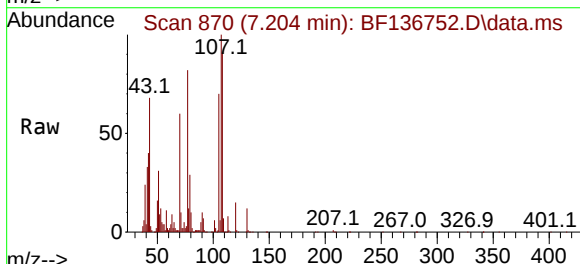
Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:	70	Resp:	181436
Ion	Ratio	Lower	Upper
70	100		
42	67.4	54.2	81.4
101	9.4	7.6	11.4
130	19.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 36.922 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:	107	Resp:	248575
Ion	Ratio	Lower	Upper
107	100		
108	90.8	66.0	106.0
77	81.9	114.2	154.2#
79	29.4	7.2	47.2



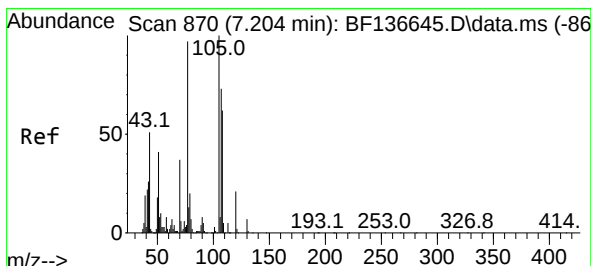
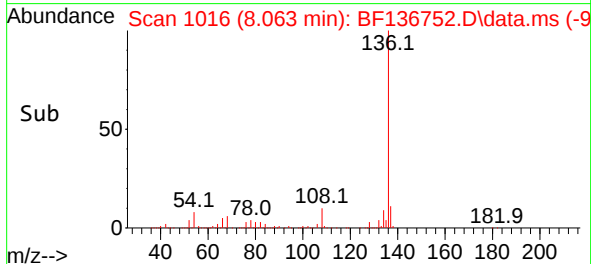
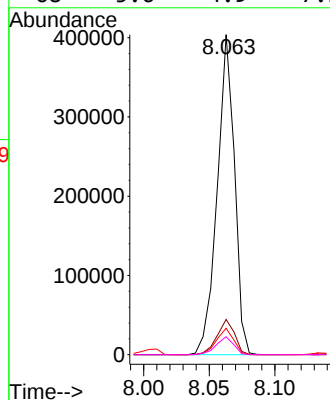
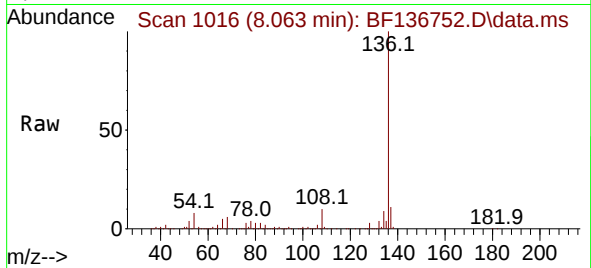


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:136 Resp: 370045

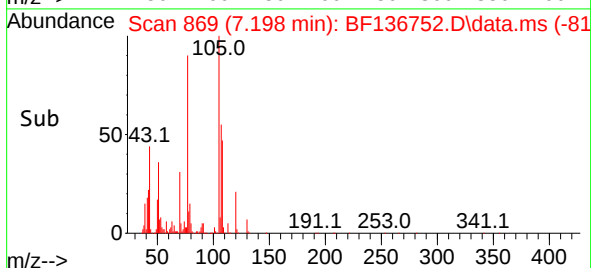
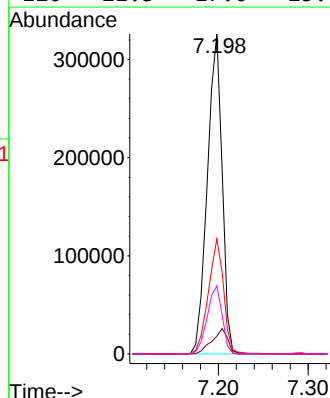
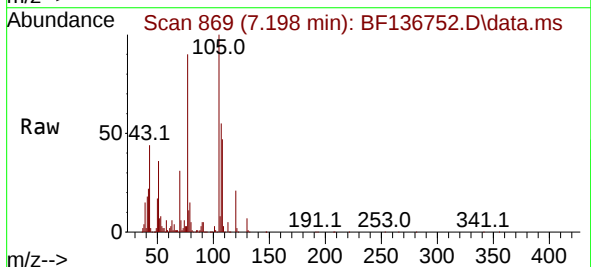
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.2	7.2	10.8
68	5.6	4.9	7.3

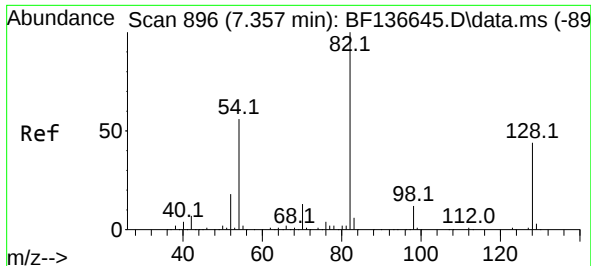


#22
Acetophenone
Concen: 40.162 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:105 Resp: 372507

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.8	7.2
51	36.0	32.8	49.2
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.807 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

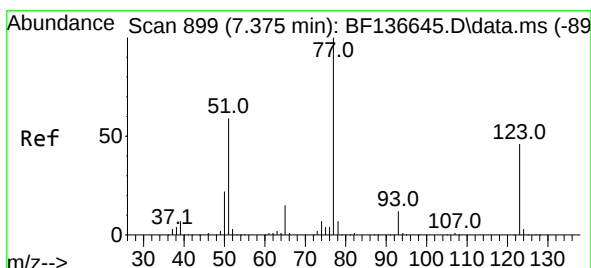
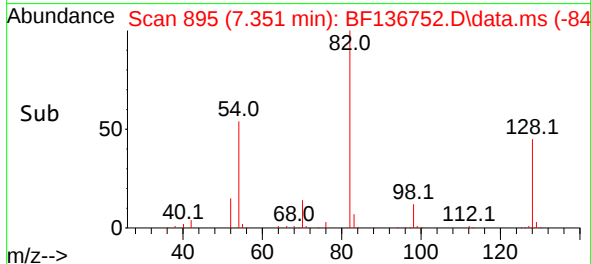
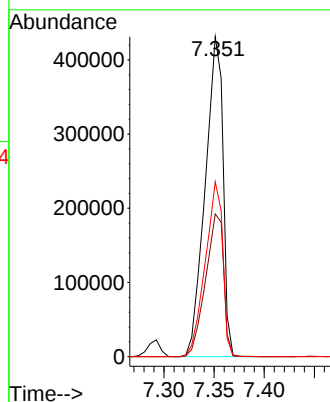
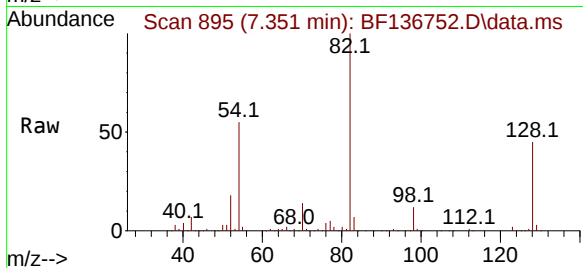
Tgt Ion: 82 Resp: 533739

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 54.7 44.5 66.7



#24

Nitrobenzene

Concen: 38.203 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

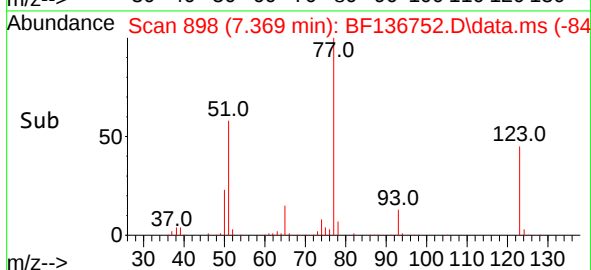
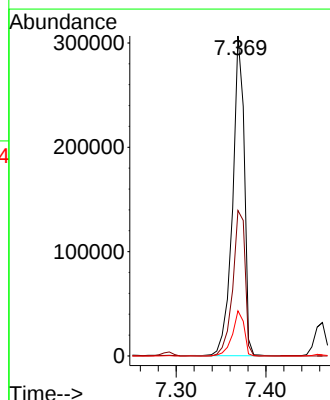
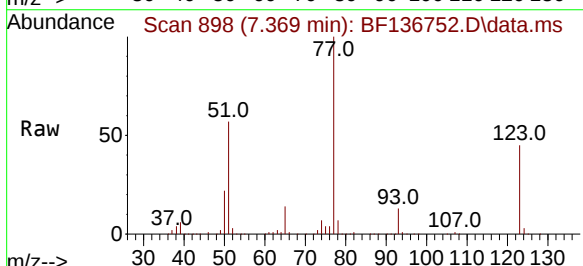
Tgt Ion: 77 Resp: 276744

Ion Ratio Lower Upper

77 100

123 45.4 36.7 55.1

65 14.1 11.8 17.6

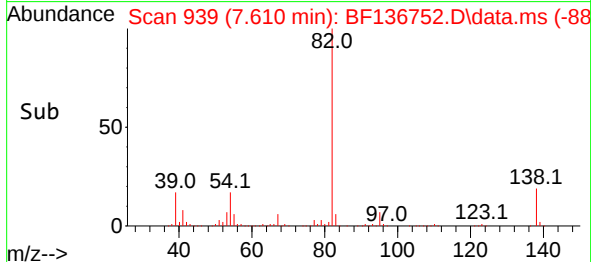
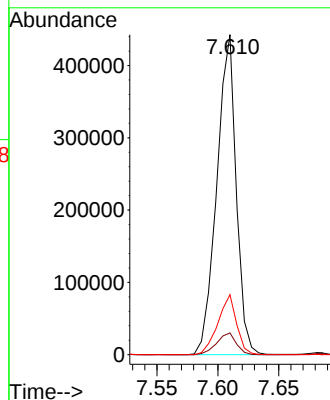
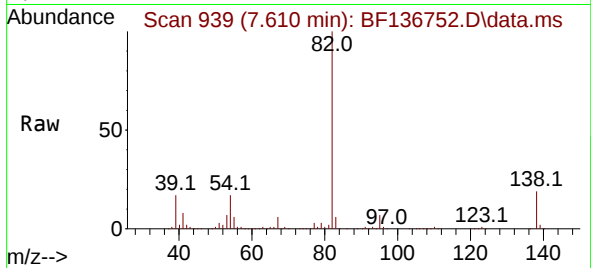




#25
Isophorone
Concen: 37.406 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

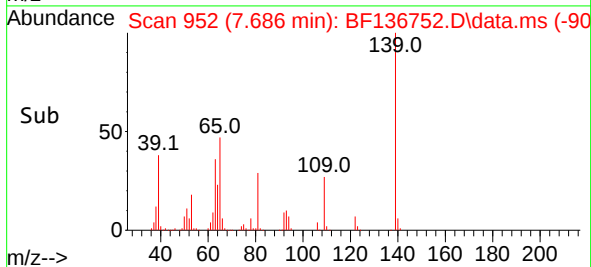
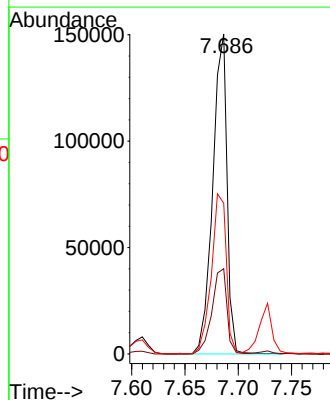
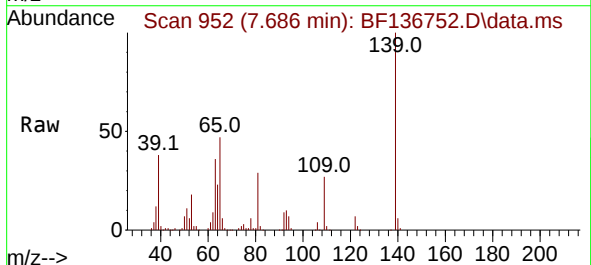
Instrument :
BNA_F
ClientSampleId :
PB157937BS

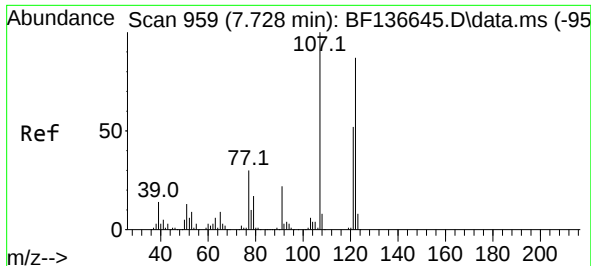
Tgt Ion: 82 Resp: 492209
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.8 14.5 21.7



#26
2-Nitrophenol
Concen: 40.590 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:139 Resp: 140679
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 47.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 48.456 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136752.D

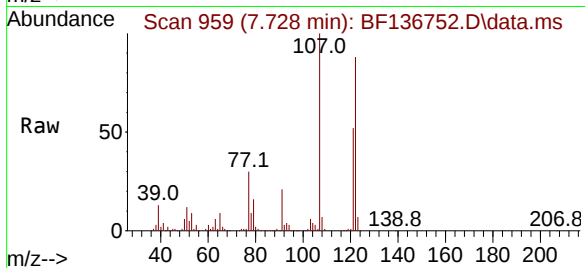
Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS



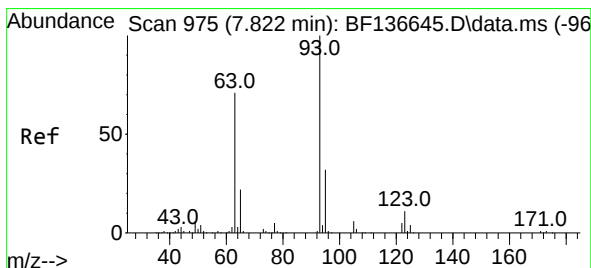
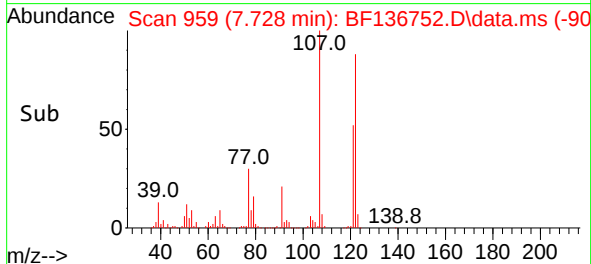
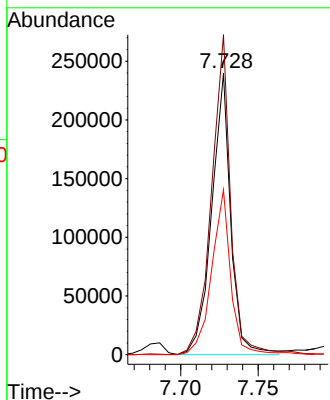
Tgt Ion:122 Resp: 204462

Ion Ratio Lower Upper

122 100

107 113.7 92.0 138.0

121 58.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 37.854 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

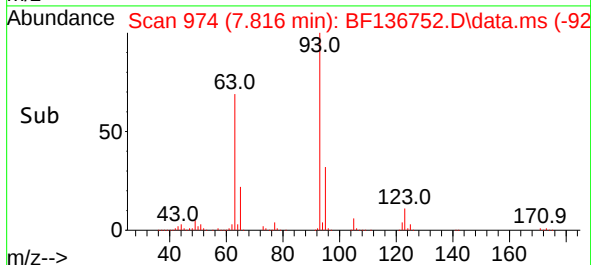
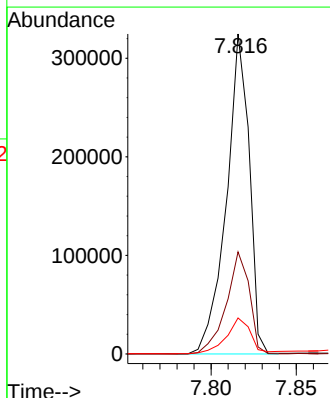
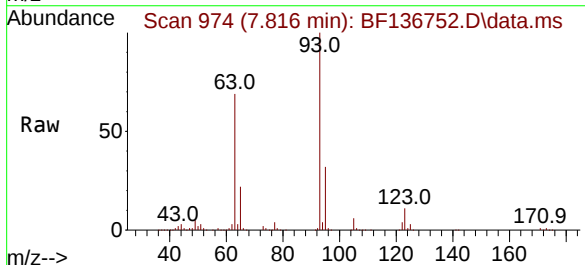
Tgt Ion: 93 Resp: 302769

Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 11.3 9.2 13.8

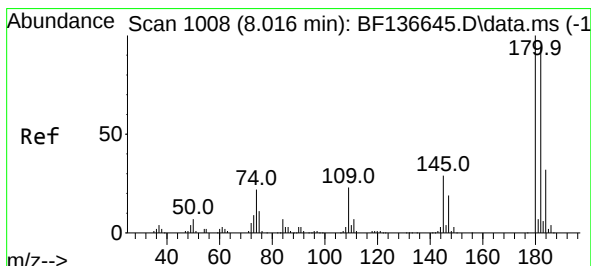
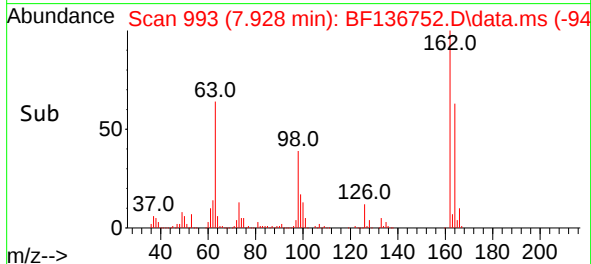
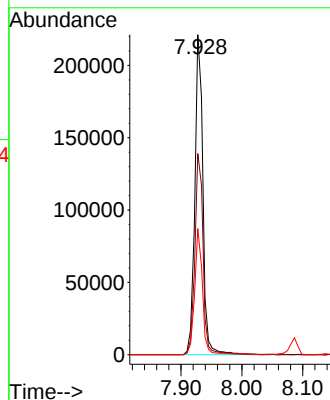
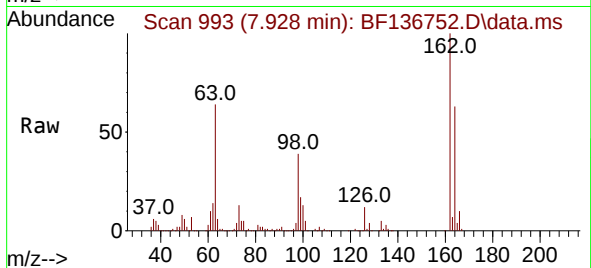




#29
2,4-Dichlorophenol
Concen: 37.374 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

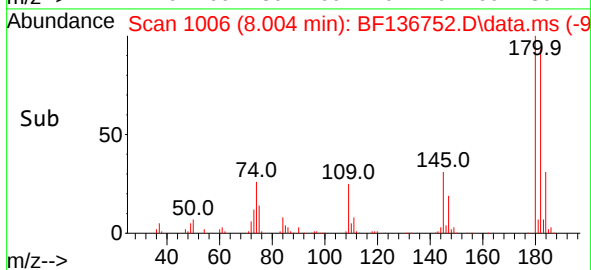
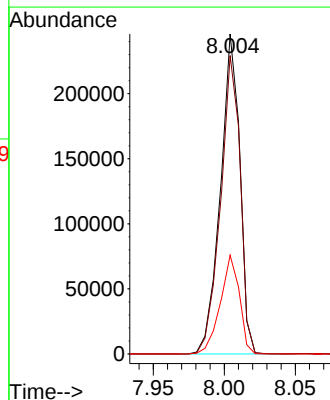
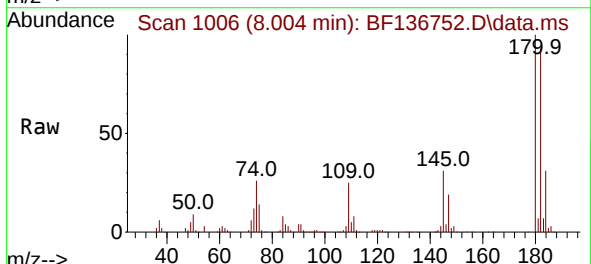
Instrument :
BNA_F
ClientSampleId :
PB157937BS

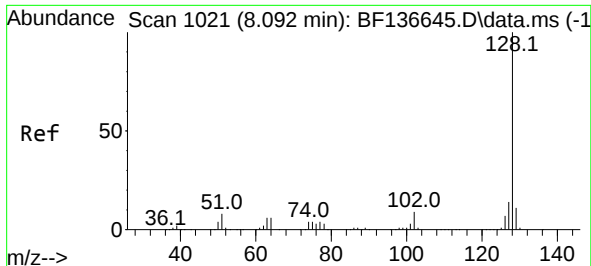
Tgt Ion:162 Resp: 203024
Ion Ratio Lower Upper
162 100
164 62.8 41.7 81.7
98 39.4 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.543 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:180 Resp: 233285
Ion Ratio Lower Upper
180 100
182 93.2 75.4 113.0
145 30.9 23.1 34.7

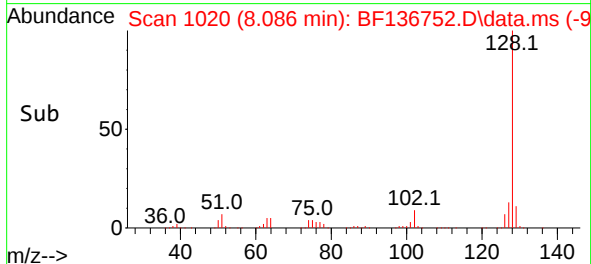
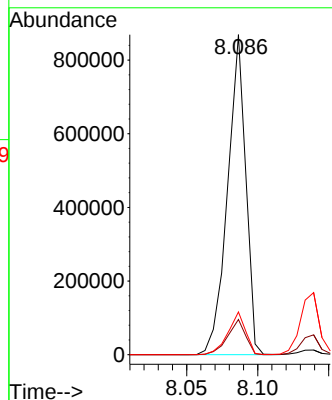
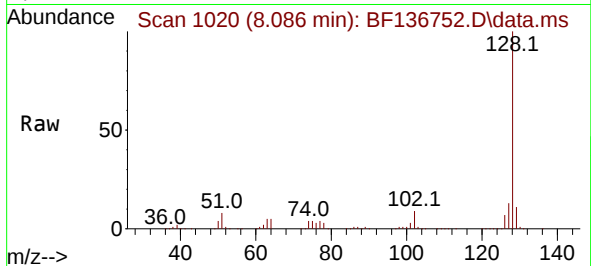




#31
Naphthalene
Concen: 38.181 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

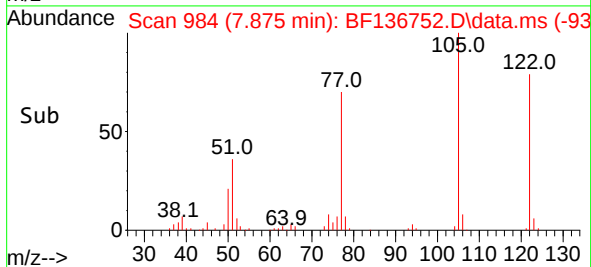
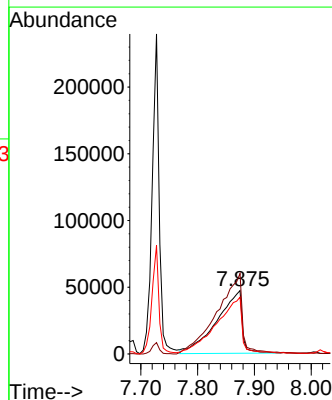
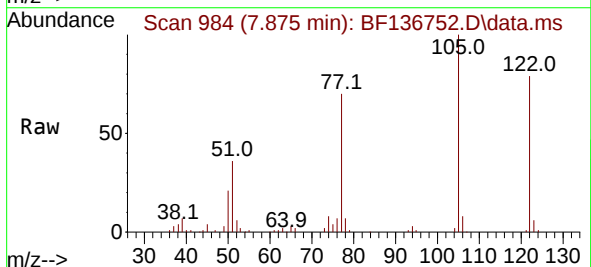
Instrument :
BNA_F
ClientSampleId :
PB157937BS

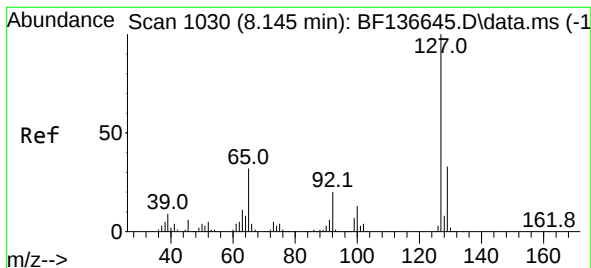
Tgt Ion:128 Resp: 776183
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 35.696 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:122 Resp: 145736
Ion Ratio Lower Upper
122 100
105 126.9 100.8 140.8
77 89.5 70.9 110.9





#33

4-Chloroaniline

Concen: 21.822 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

Tgt Ion:127 Resp: 163797

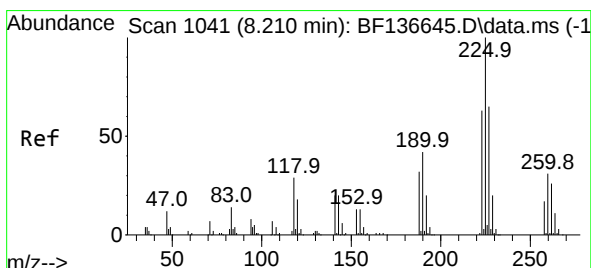
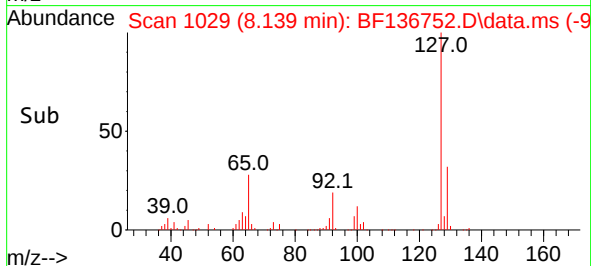
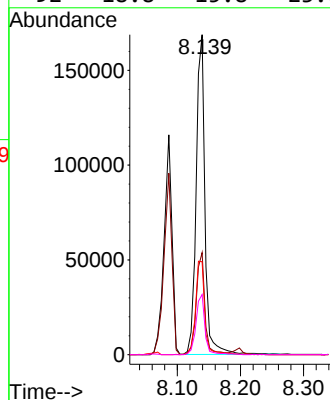
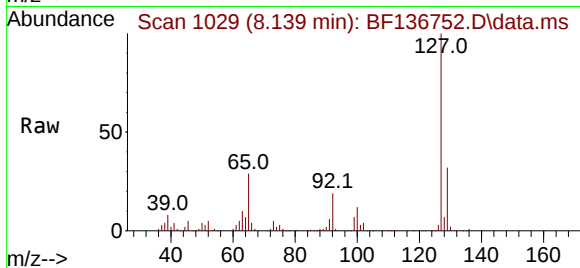
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 29.1 25.8 38.8

92 18.8 15.8 23.6



#34

Hexachlorobutadiene

Concen: 37.236 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

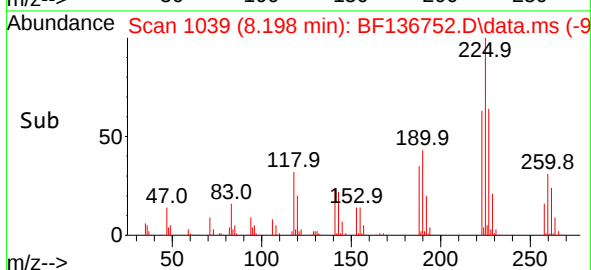
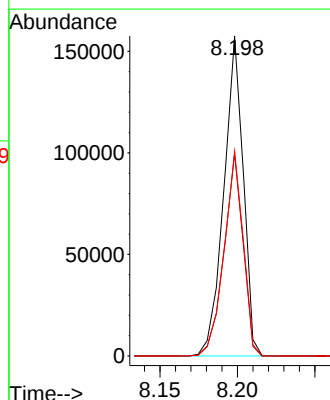
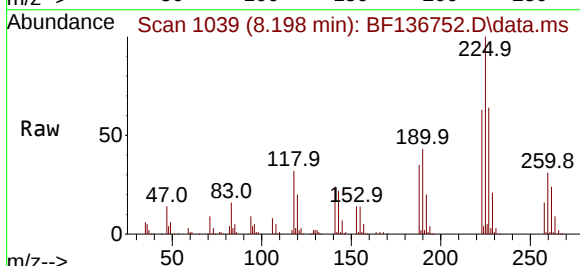
Tgt Ion:225 Resp: 136928

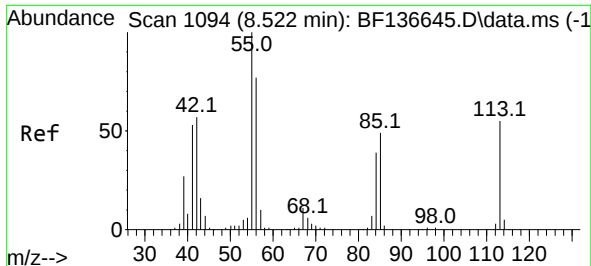
Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 64.0 51.9 77.9

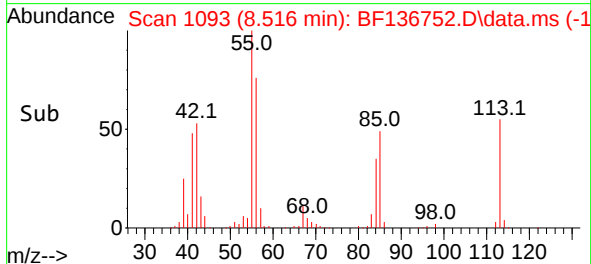
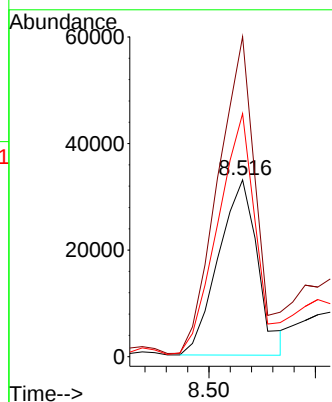
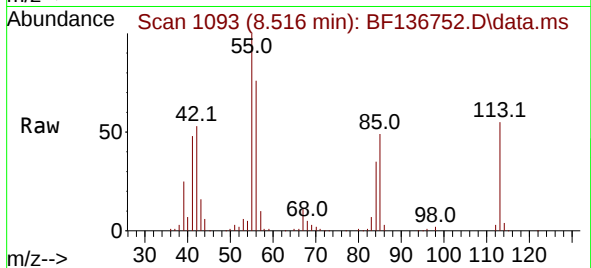




#35
Caprolactam
Concen: 23.524 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

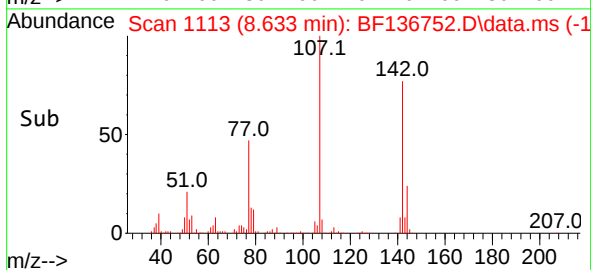
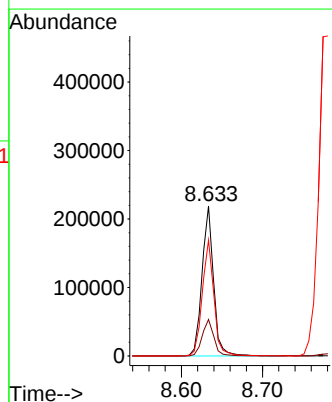
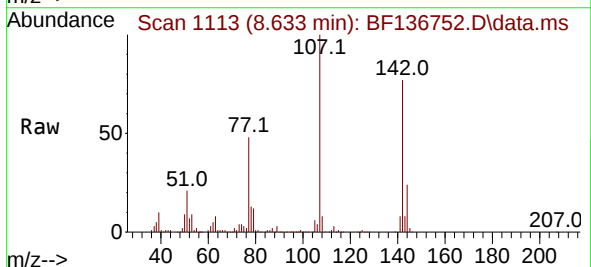
Instrument :
BNA_F
ClientSampleId :
PB157937BS

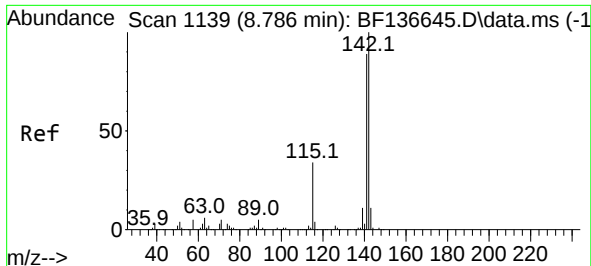
Tgt Ion:113 Resp: 42157
Ion Ratio Lower Upper
113 100
55 180.9 163.1 203.1
56 137.5 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 35.438 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:107 Resp: 216720
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.2
142 77.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.232 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

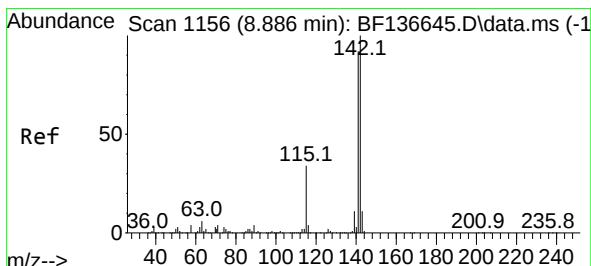
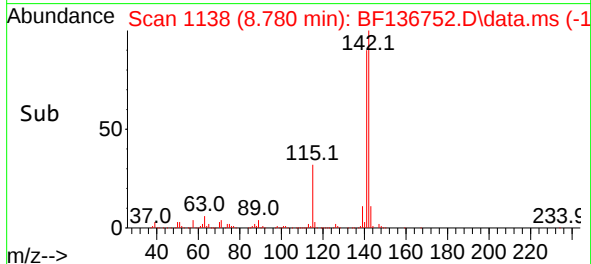
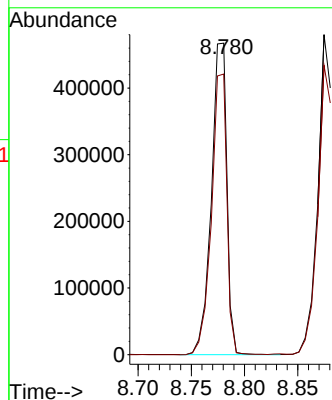
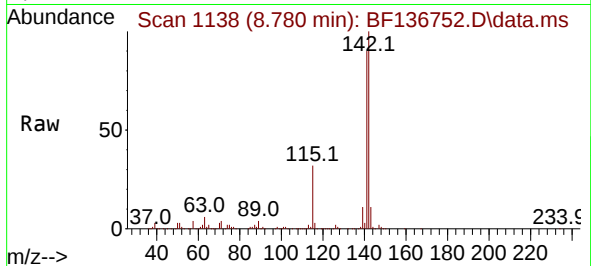
PB157937BS

Tgt Ion:142 Resp: 474034

Ion Ratio Lower Upper

142 100

141 90.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 34.966 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136752.D

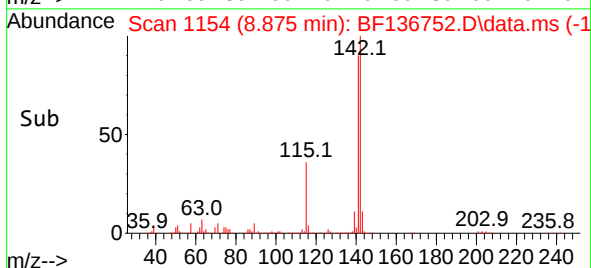
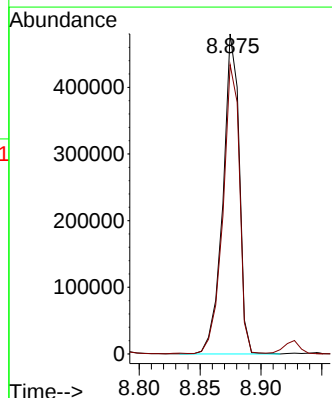
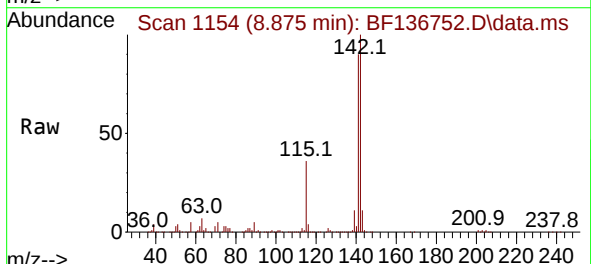
Acq: 27 Dec 2023 11:45

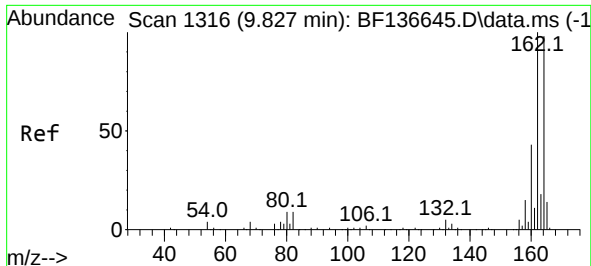
Tgt Ion:142 Resp: 448819

Ion Ratio Lower Upper

142 100

141 90.4 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: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

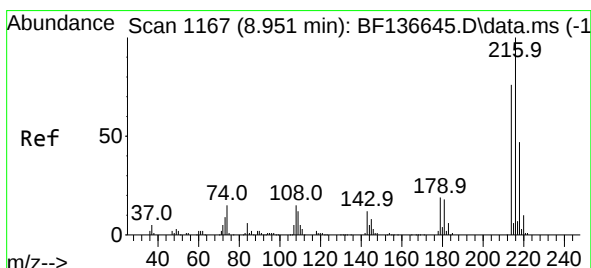
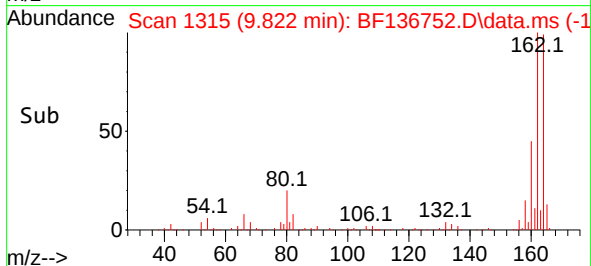
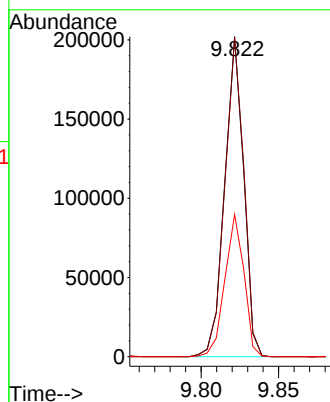
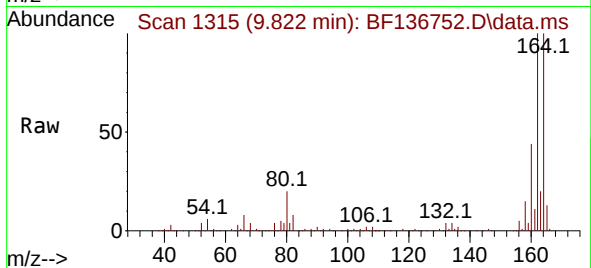
Tgt Ion:164 Resp: 171632

Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

160 44.4 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.112 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Tgt Ion:216 Resp: 223842

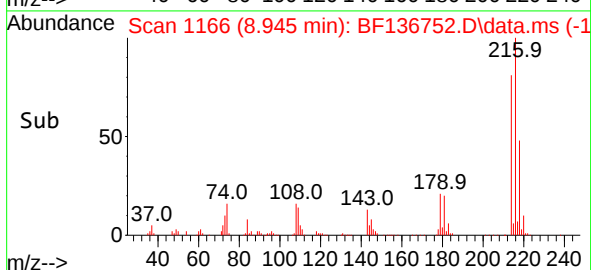
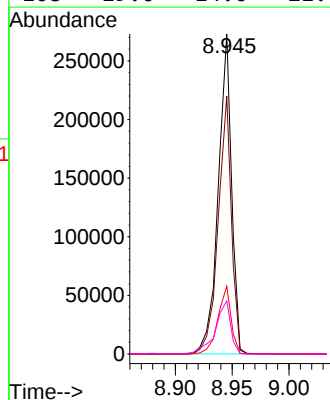
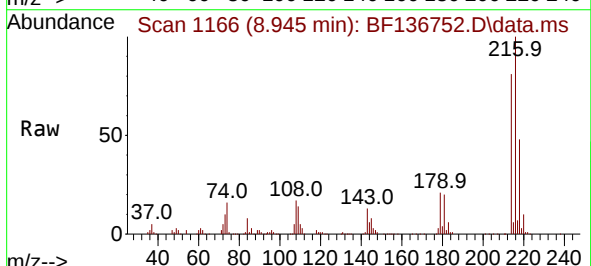
Ion Ratio Lower Upper

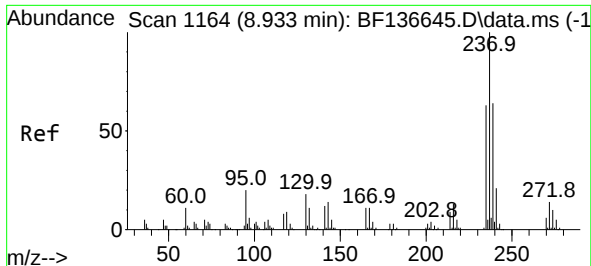
216 100

214 79.8 62.3 93.5

179 20.8 16.4 24.6

108 19.0 14.0 21.0

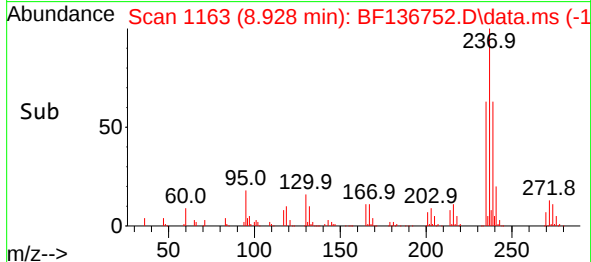
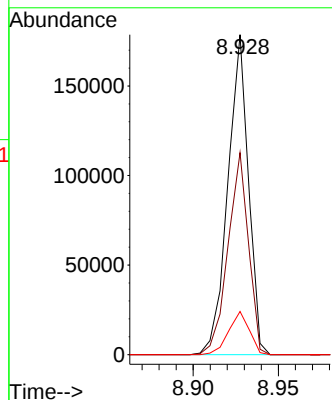
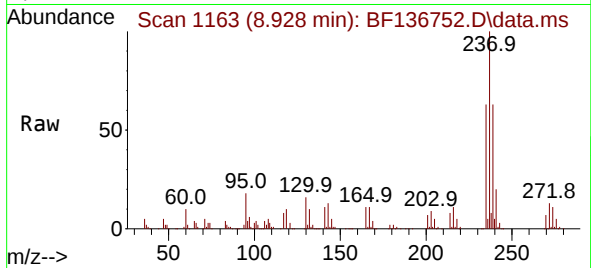




#41
Hexachlorocyclopentadiene
Concen: 88.108 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

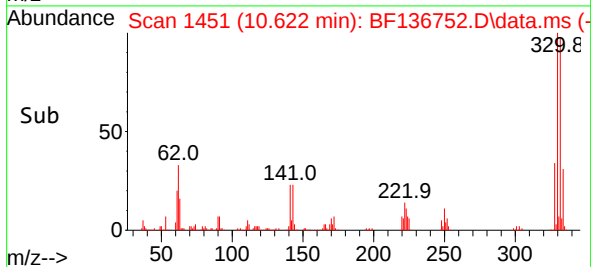
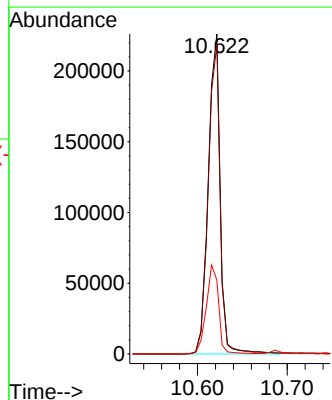
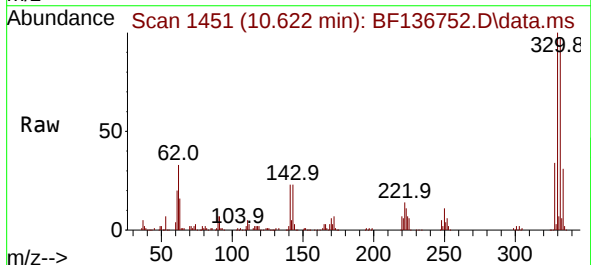
Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:237 Resp: 150220
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 13.5 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 103.311 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:330 Resp: 208827
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 28.8 23.4 35.2

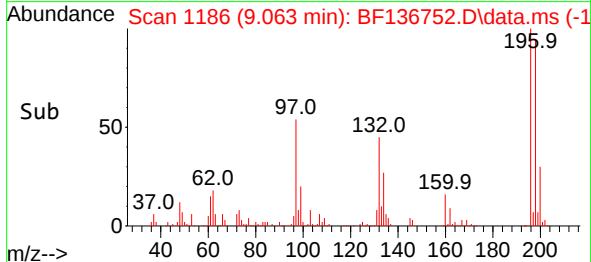
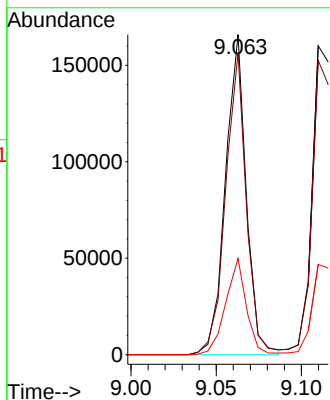
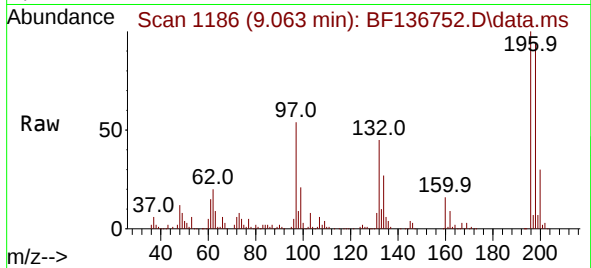




#43
2,4,6-Trichlorophenol
Concen: 41.259 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

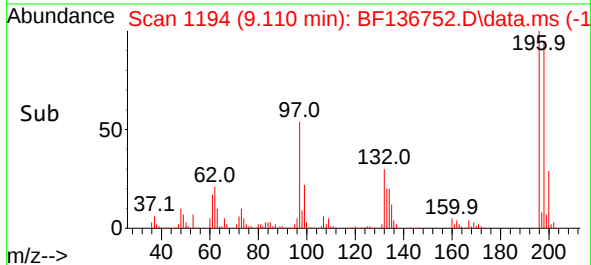
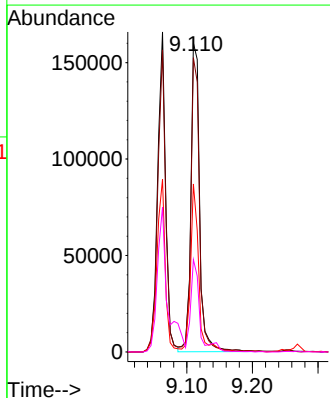
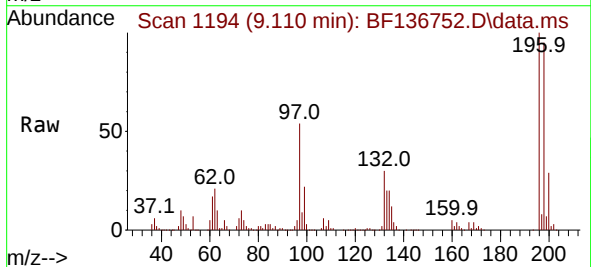
Instrument :
BNA_F
ClientSampleId :
PB157937BS

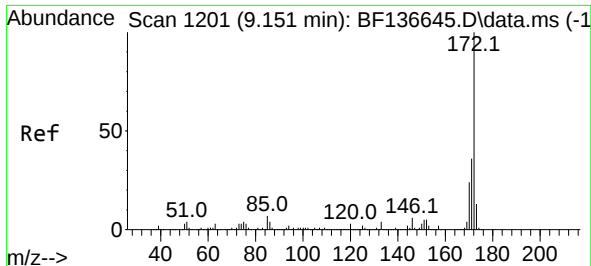
Tgt Ion:196 Resp: 140647
Ion Ratio Lower Upper
196 100
198 94.4 75.1 112.7
200 30.0 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 39.209 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:196 Resp: 148943
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.6
97 54.3 36.1 54.1#
132 29.9 21.8 32.6

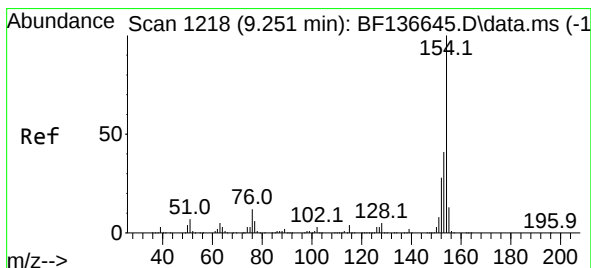
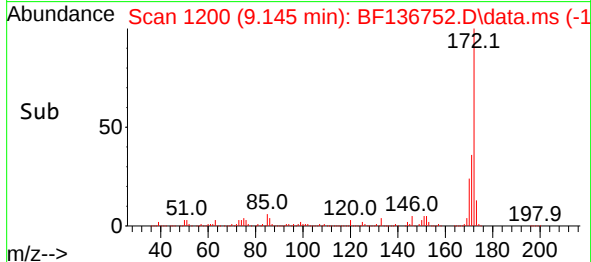
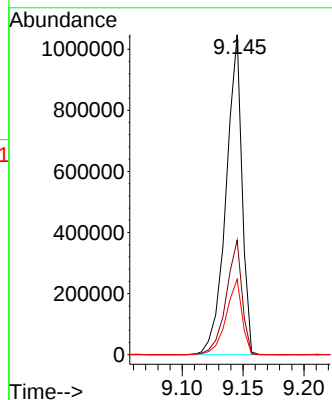
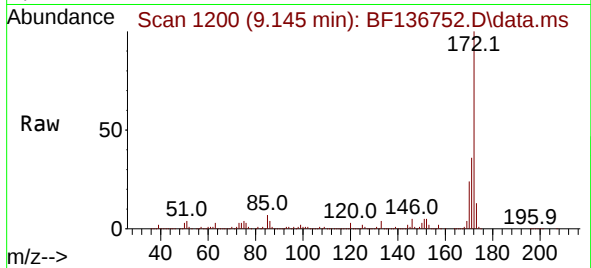




#45
2-Fluorobiphenyl
Concen: 74.852 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

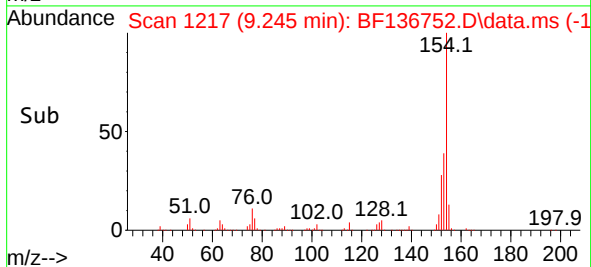
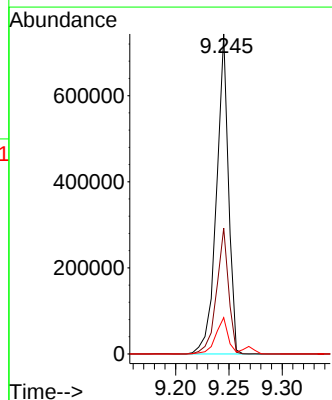
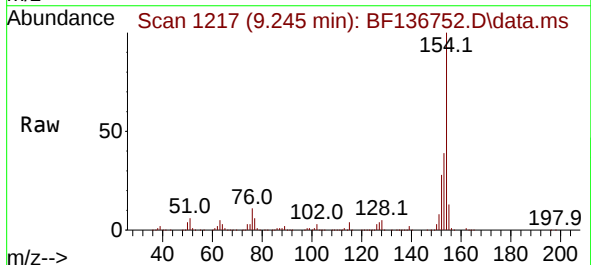
Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:172 Resp: 955182
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.206 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:154 Resp: 579064
Ion Ratio Lower Upper
154 100
153 39.4 21.1 61.1
76 11.4 0.0 31.7

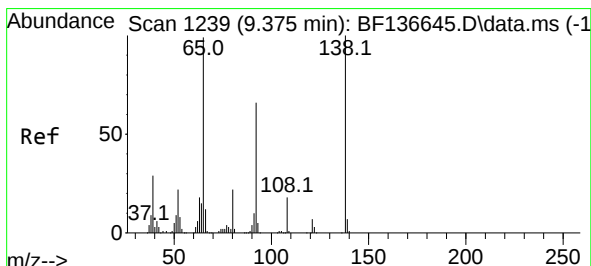
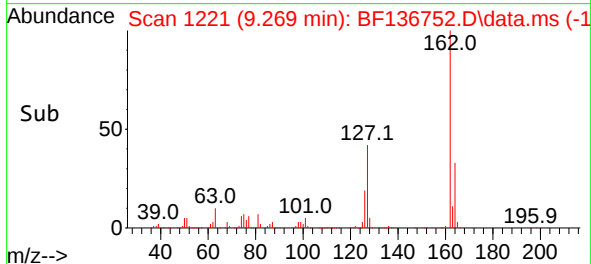
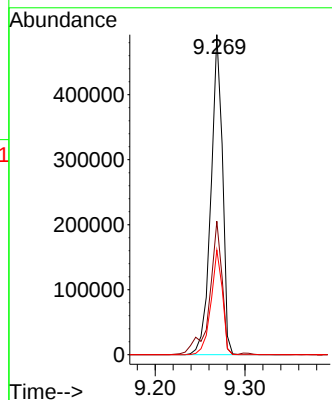
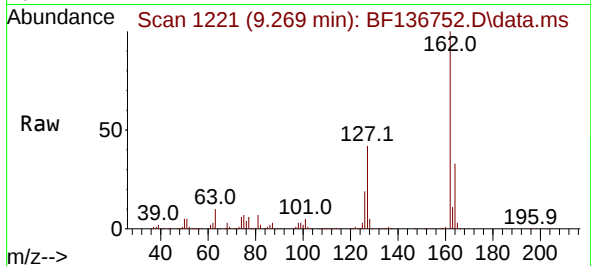




#47
2-Chloronaphthalene
Concen: 40.068 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

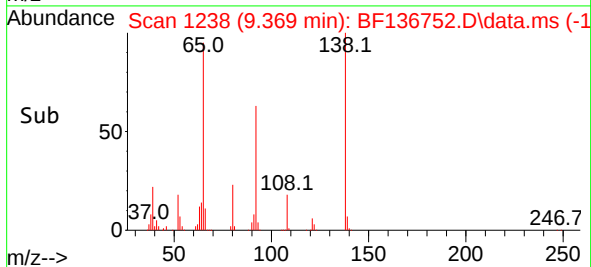
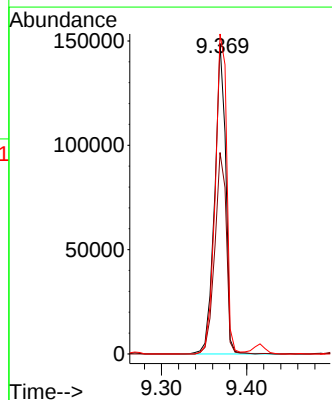
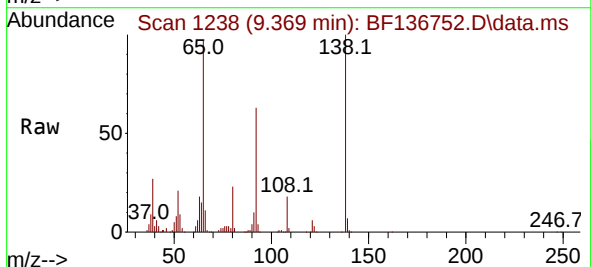
Instrument :
BNA_F
ClientSampleId :
PB157937BS

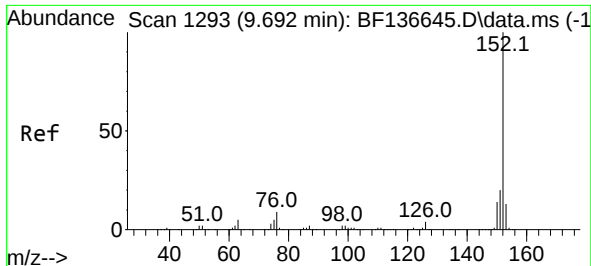
Tgt Ion:162 Resp: 438709
Ion Ratio Lower Upper
162 100
127 41.7 33.6 50.4
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 38.998 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion: 65 Resp: 133710
Ion Ratio Lower Upper
65 100
92 64.9 53.2 79.8
138 103.1 81.1 121.7





#49

Acenaphthylene

Concen: 41.034 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

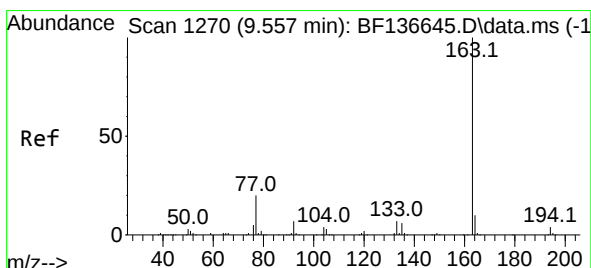
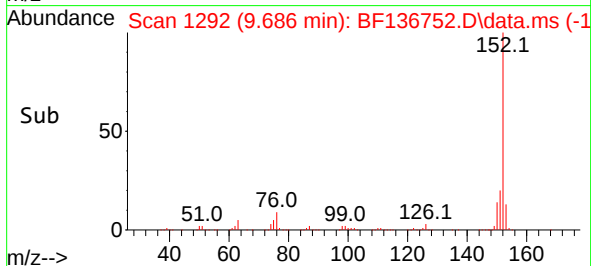
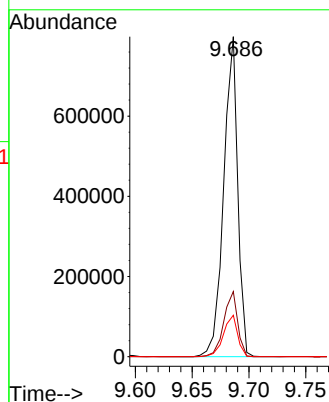
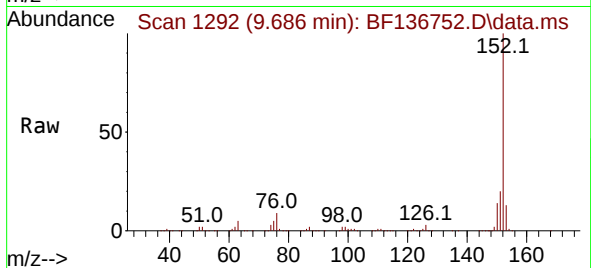
Tgt Ion:152 Resp: 686721

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 12.9 10.2 15.2



#50

Dimethylphthalate

Concen: 38.229 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

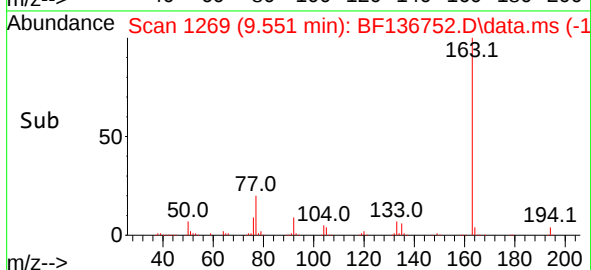
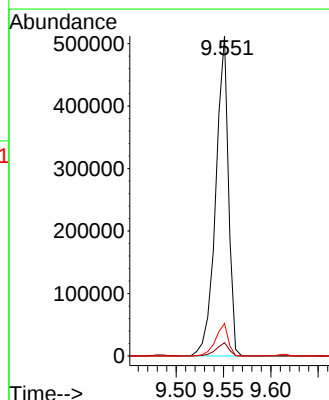
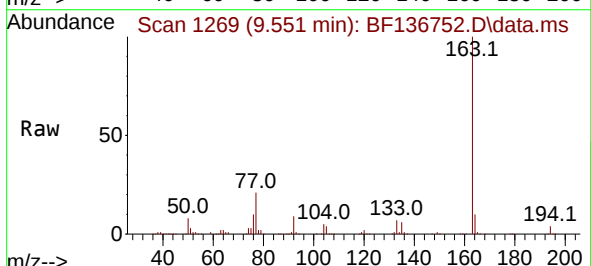
Tgt Ion:163 Resp: 479259

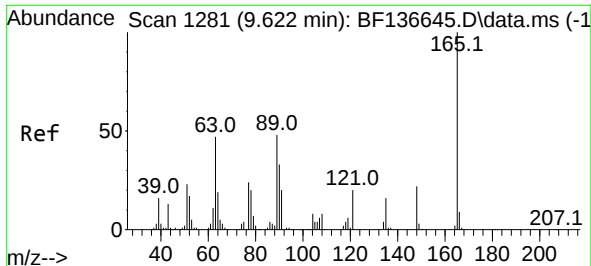
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 37.262 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

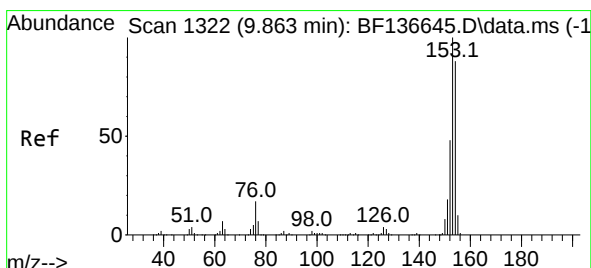
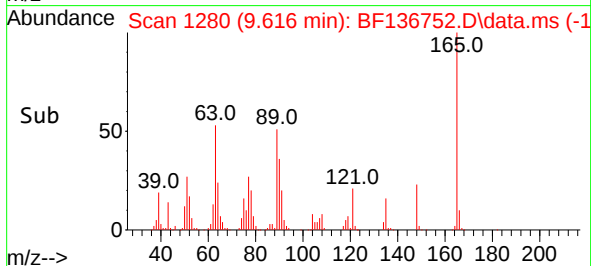
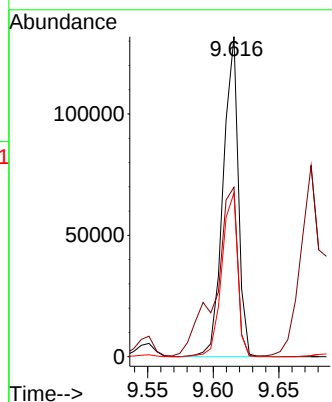
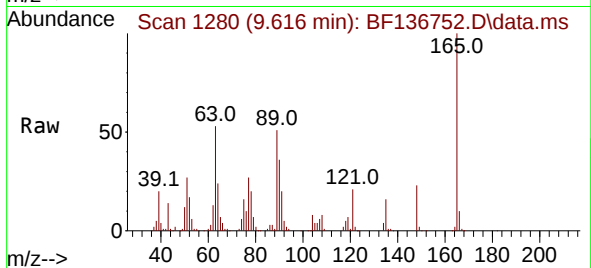
Tgt Ion:165 Resp: 106017

Ion Ratio Lower Upper

165 100

63 53.0 39.8 59.6

89 51.1 38.8 58.2



#52

Acenaphthene

Concen: 38.650 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

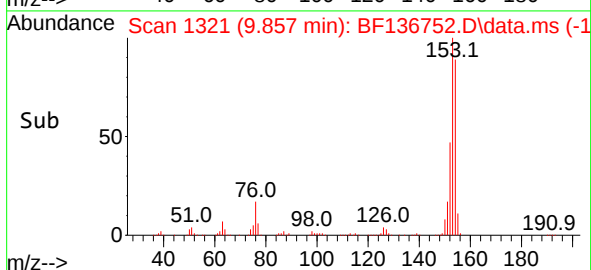
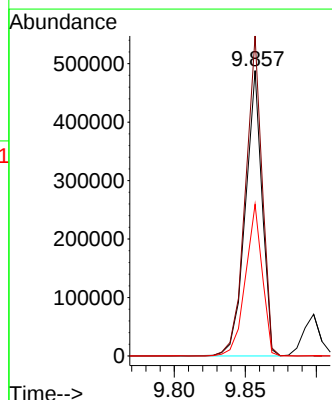
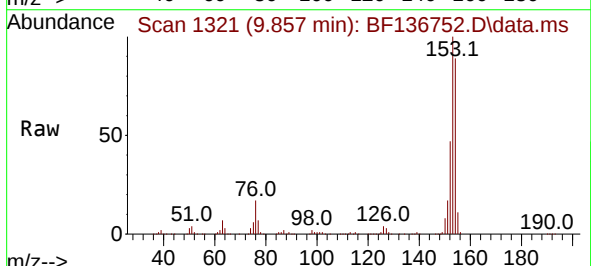
Tgt Ion:154 Resp: 400958

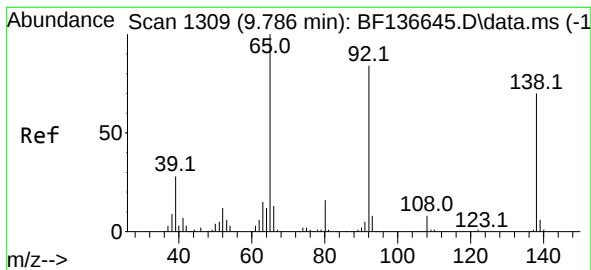
Ion Ratio Lower Upper

154 100

153 112.1 90.7 136.1

152 53.2 43.7 65.5

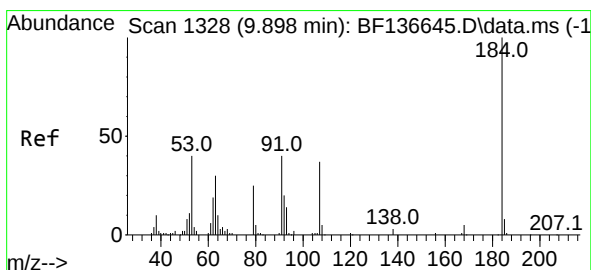
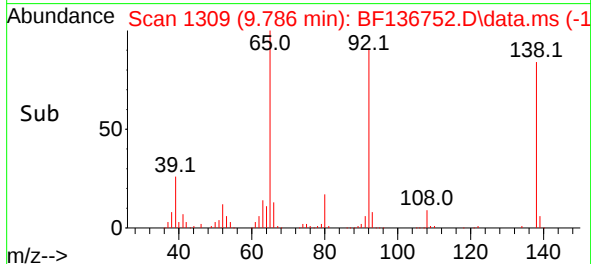
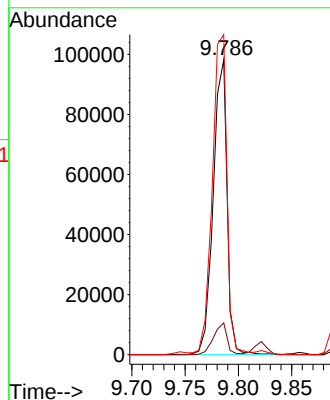
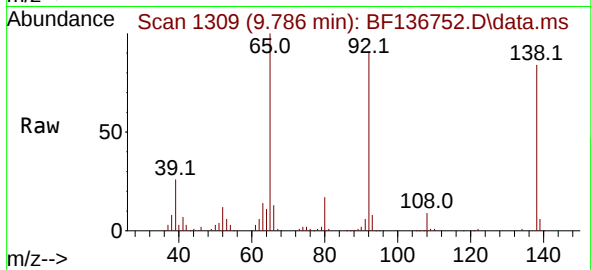




#53
3-Nitroaniline
Concen: 29.470 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

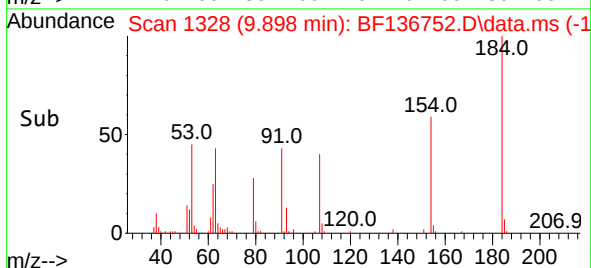
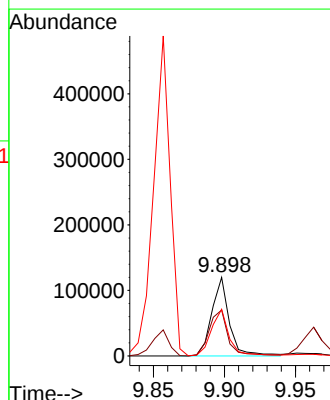
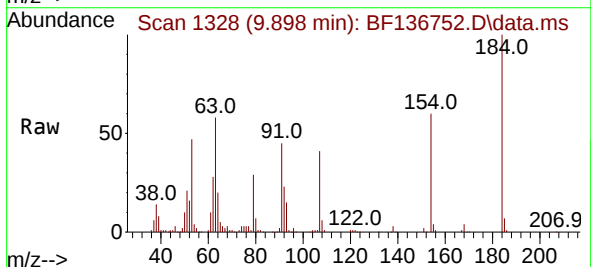
Instrument :
BNA_F
ClientSampleId :
PB157937BS

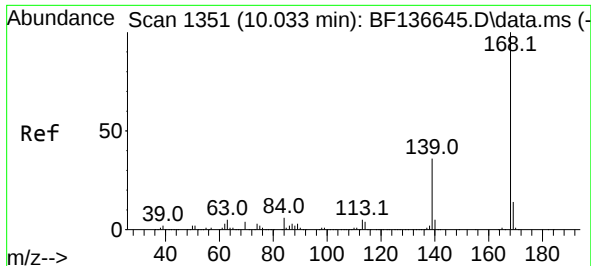
Tgt Ion:138 Resp: 88819
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 108.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 66.230 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:184 Resp: 103372
Ion Ratio Lower Upper
184 100
63 58.5 40.9 61.3
154 59.5 42.7 64.1





#55
Dibenzenofuran
Concen: 38.377 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

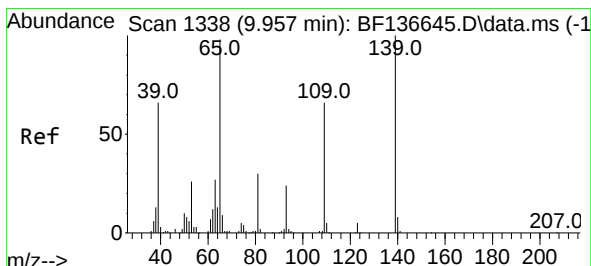
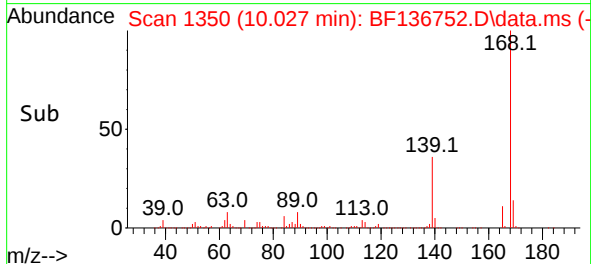
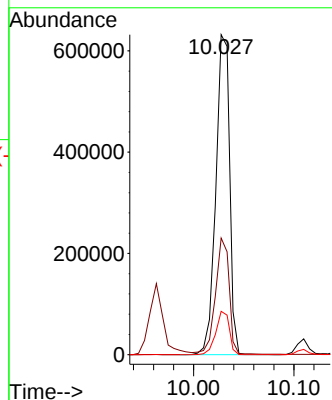
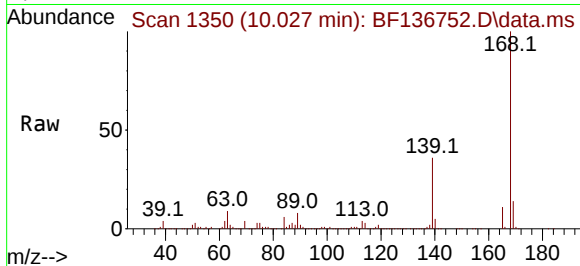
Instrument :

BNA_F

ClientSampleId :

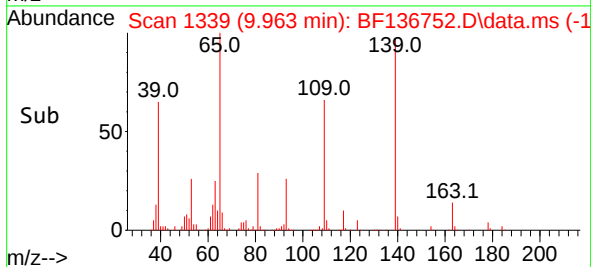
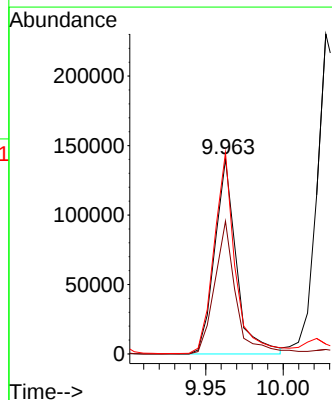
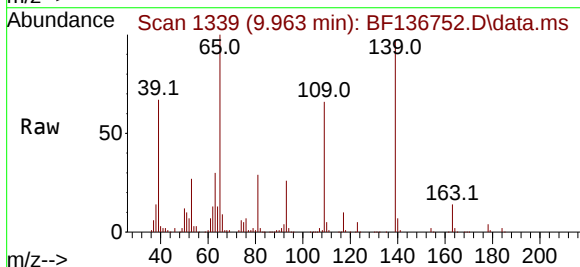
PB157937BS

Tgt Ion:168 Resp: 603500
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 67.046 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:139 Resp: 136409
Ion Ratio Lower Upper
139 100
109 68.1 45.8 85.8
65 103.3 77.8 117.8

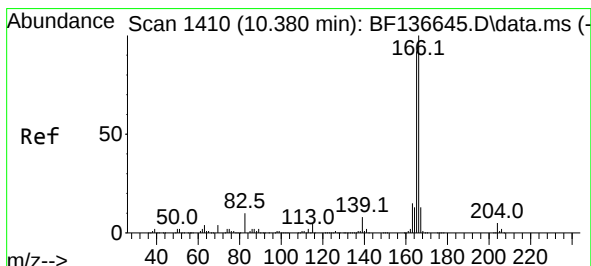
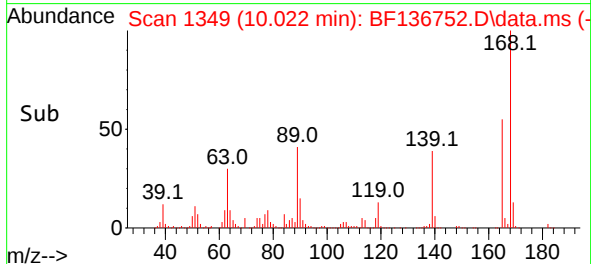
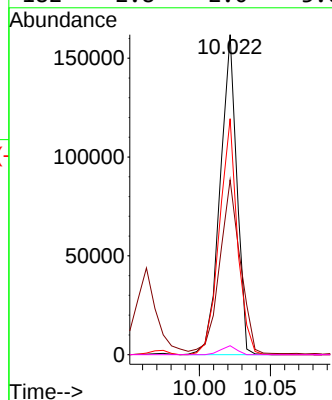
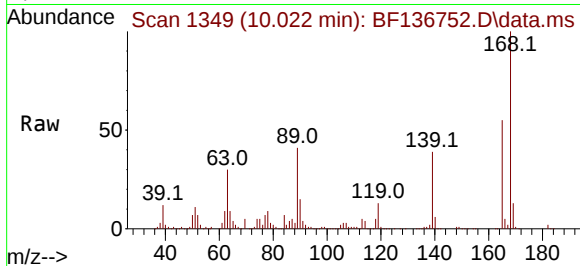




#57
2,4-Dinitrotoluene
Concen: 35.805 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

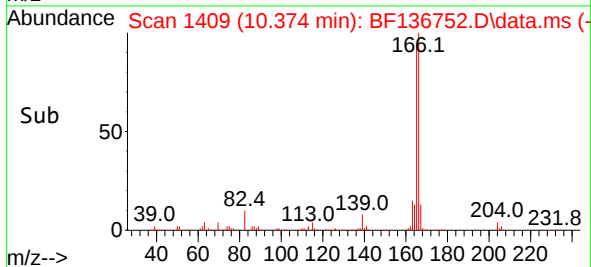
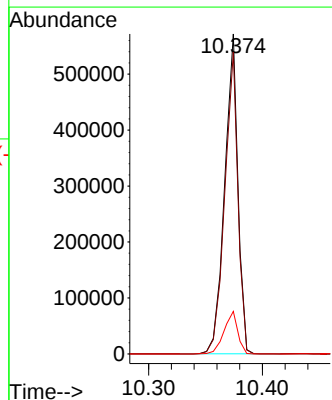
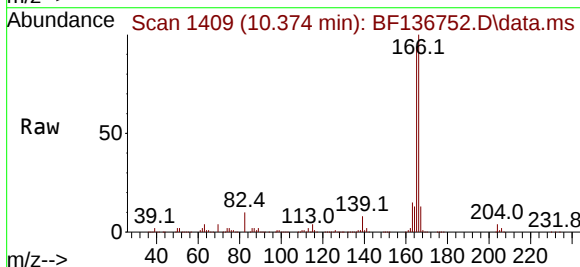
Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:165 Resp: 132249
Ion Ratio Lower Upper
165 100
63 54.7 41.0 61.6
89 73.8 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 37.254 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:166 Resp: 464838
Ion Ratio Lower Upper
166 100
165 94.4 73.7 110.5
167 13.3 10.4 15.6

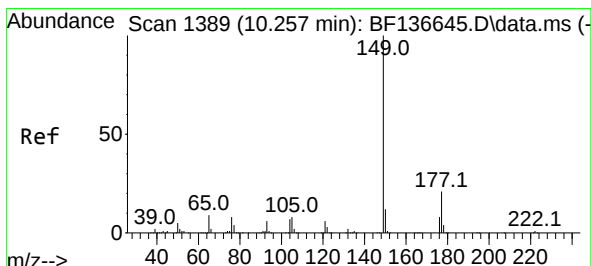
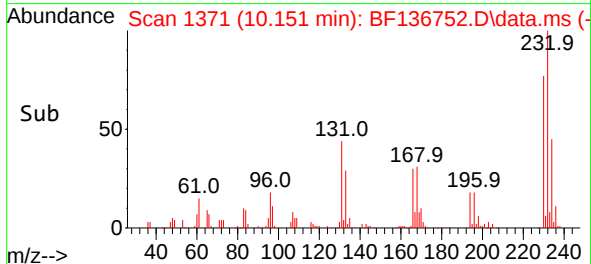
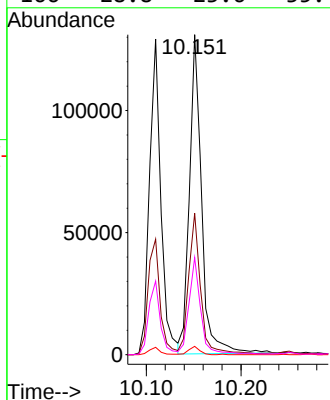
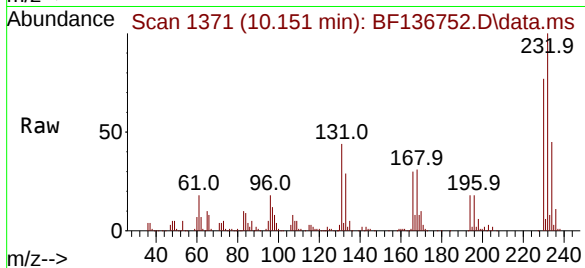




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.047 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

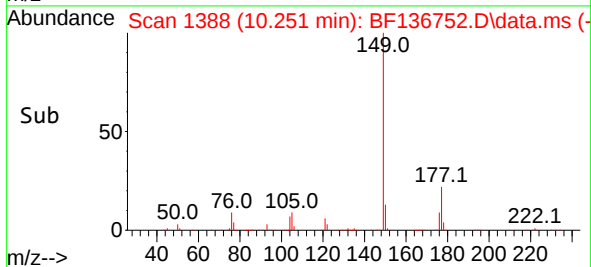
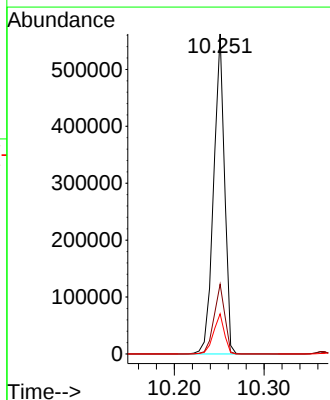
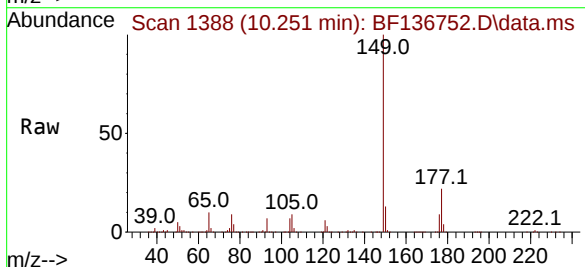
Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:232 Resp: 117104
Ion Ratio Lower Upper
232 100
131 42.8 35.1 52.7
130 2.3 1.6 2.4
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 36.423 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:149 Resp: 473767
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.6 9.3 13.9

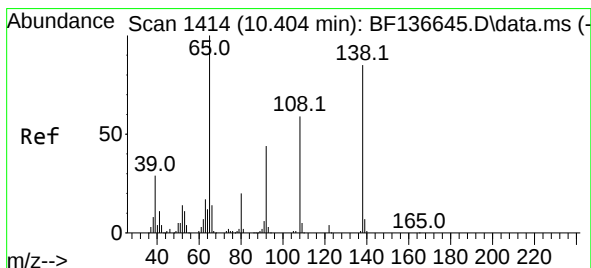
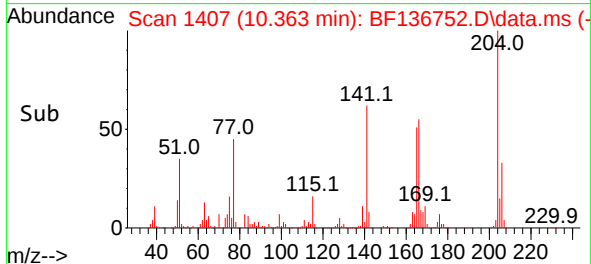
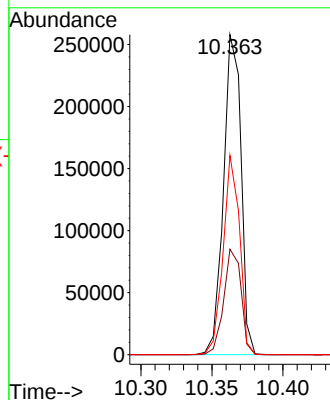
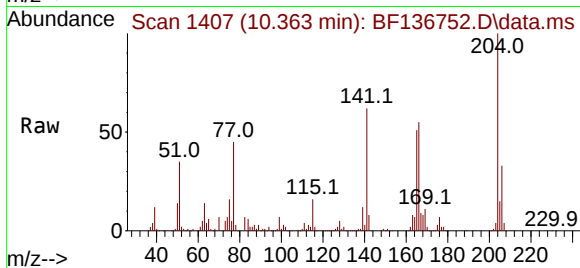




#61
4-Chlorophenyl-phenylether
Concen: 36.354 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

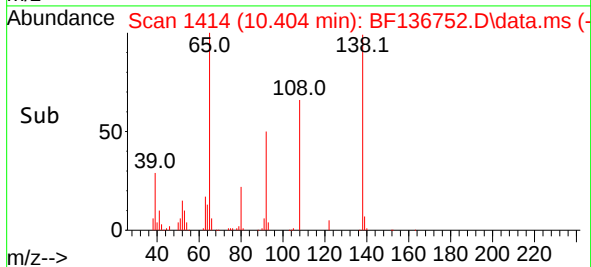
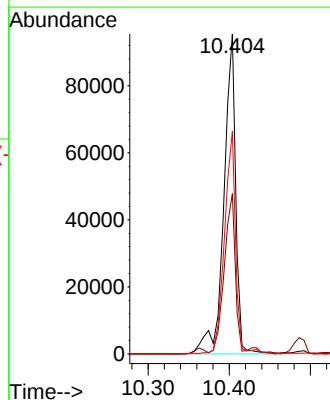
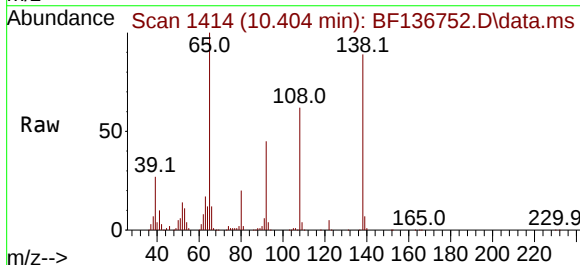
Instrument :
BNA_F
ClientSampleId :
PB157937BS

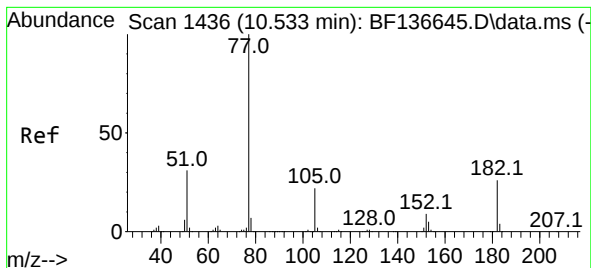
Tgt Ion:204 Resp: 220485
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 62.3 48.4 72.6



#62
4-Nitroaniline
Concen: 33.613 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:138 Resp: 97661
Ion Ratio Lower Upper
138 100
92 50.1 32.1 72.1
108 69.6 50.1 90.1





#63

Azobenzene

Concen: 36.115 ng

RT: 10.527 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

Tgt Ion: 77 Resp: 438761

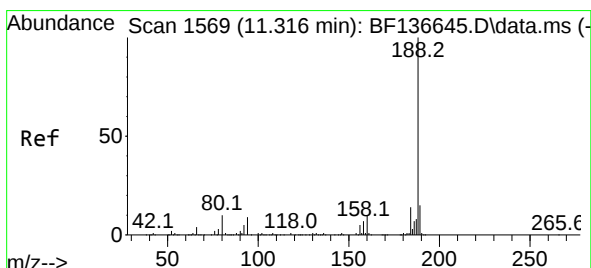
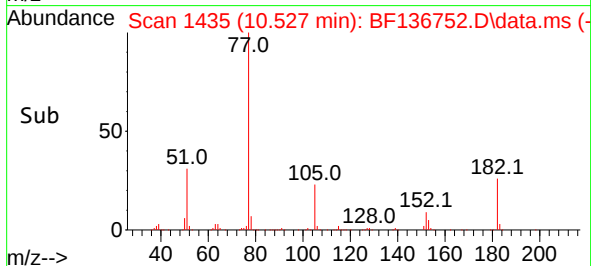
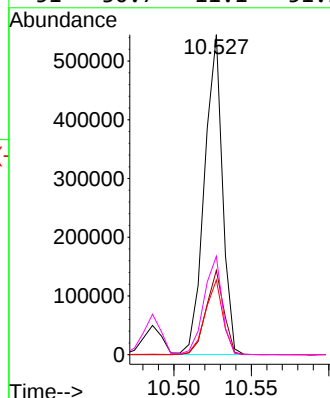
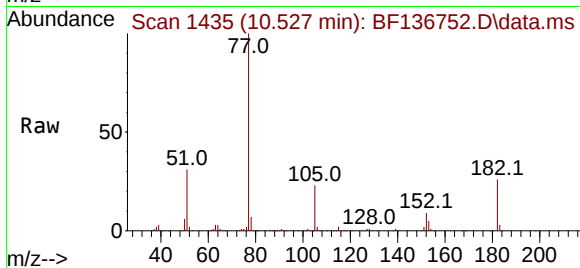
Ion Ratio Lower Upper

77 100

182 26.4 6.0 46.0

105 23.4 2.3 42.3

51 30.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

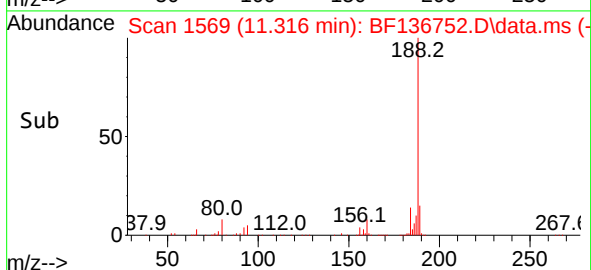
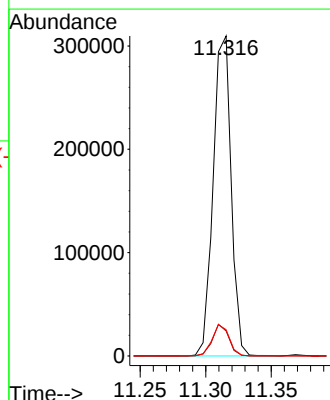
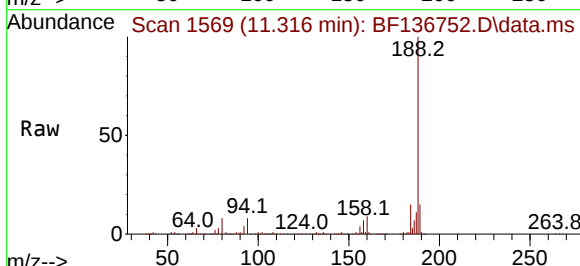
Tgt Ion: 188 Resp: 295500

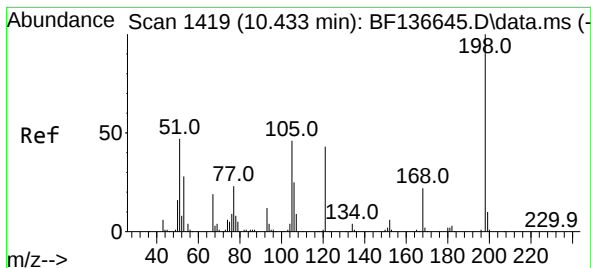
Ion Ratio Lower Upper

188 100

94 7.8 7.5 11.3

80 8.2 8.1 12.1

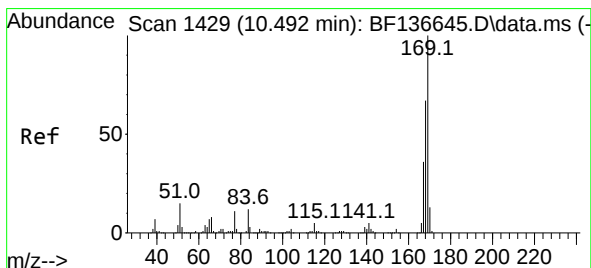
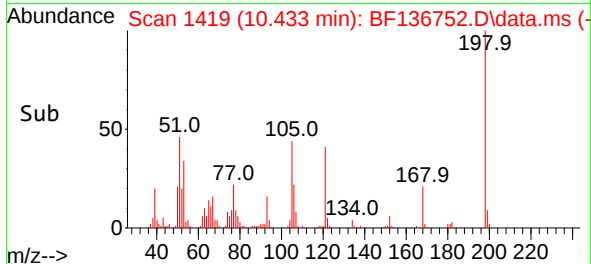
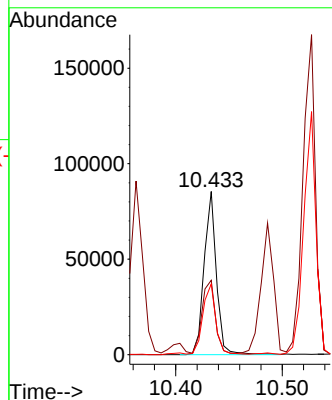
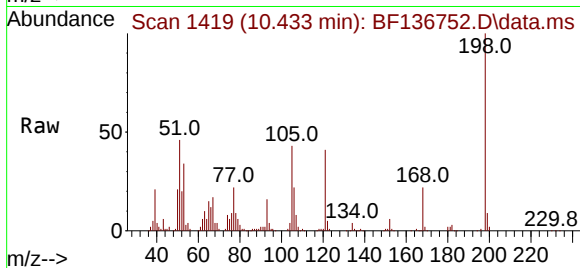




#65
4,6-Dinitro-2-methylphenol
Concen: 40.589 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

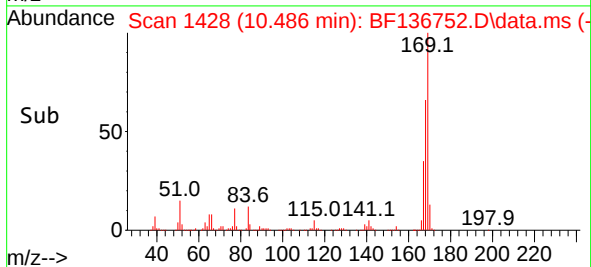
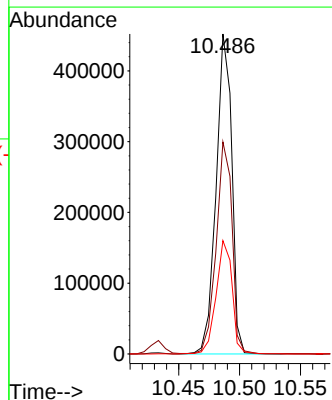
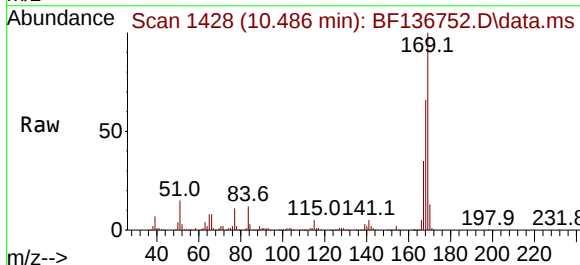
Instrument :
BNA_F
ClientSampleId :
PB157937BS

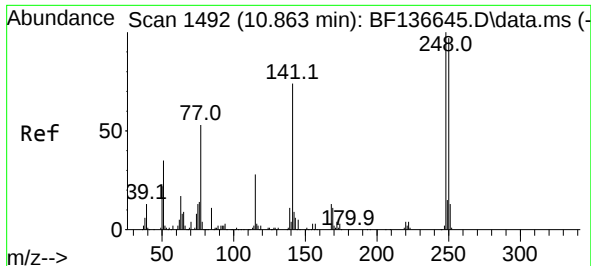
Tgt Ion:198 Resp: 68738
Ion Ratio Lower Upper
198 100
51 45.6 34.1 74.1
105 43.3 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.283 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:169 Resp: 405882
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 35.4 28.7 43.1

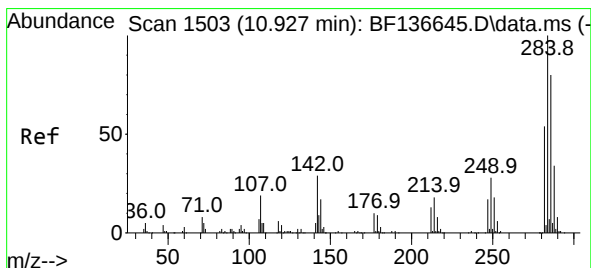
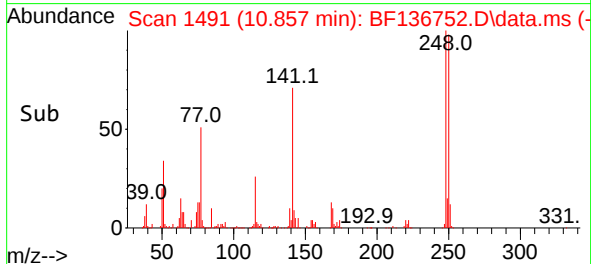
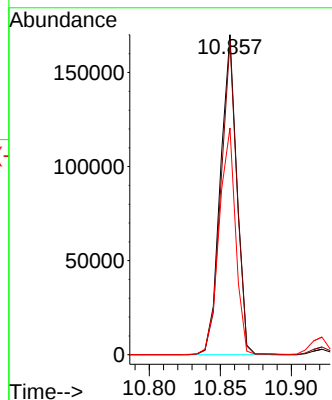
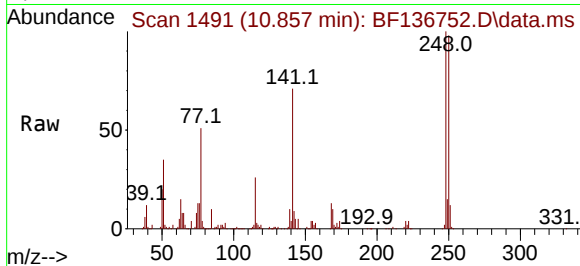




#67
4-Bromophenyl-phenylether
Concen: 41.608 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

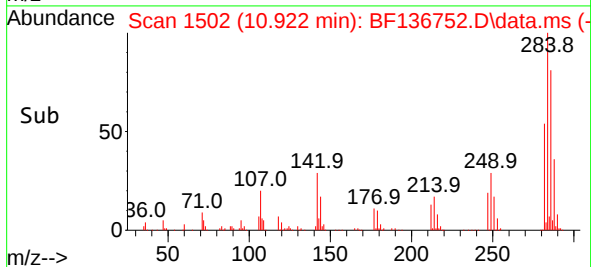
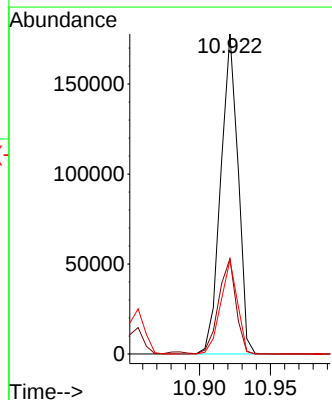
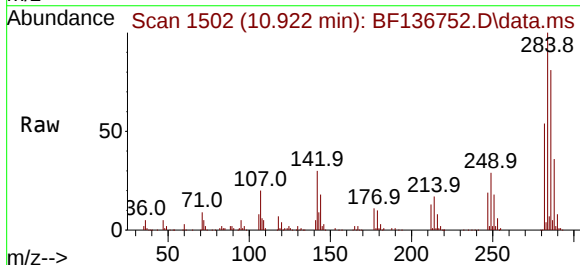
Instrument :
BNA_F
ClientSampleId :
PB157937BS

Tgt Ion:248 Resp: 136548
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 70.9 59.2 88.8



#68
Hexachlorobenzene
Concen: 41.044 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:284 Resp: 150105
Ion Ratio Lower Upper
284 100
142 29.8 23.4 35.0
249 29.3 22.3 33.5





#69

Atrazine

Concen: 39.208 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

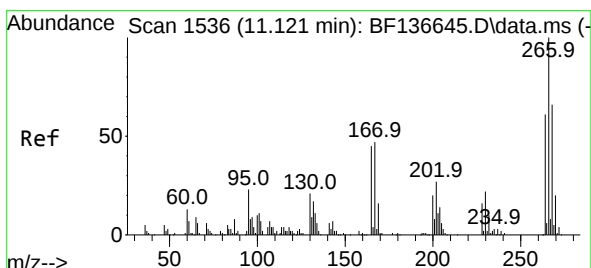
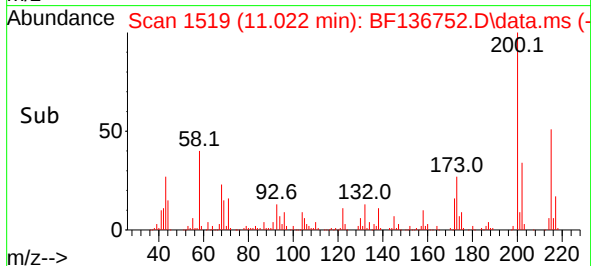
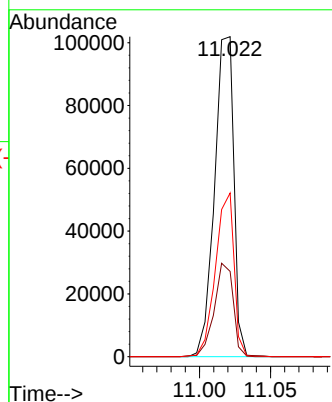
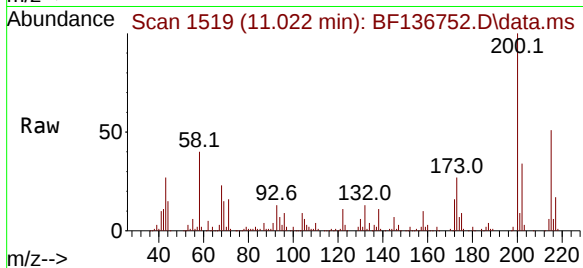
Tgt Ion:200 Resp: 96262

Ion Ratio Lower Upper

200 100

173 26.6 7.6 47.6

215 51.2 28.3 68.3



#70

Pentachlorophenol

Concen: 66.943 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

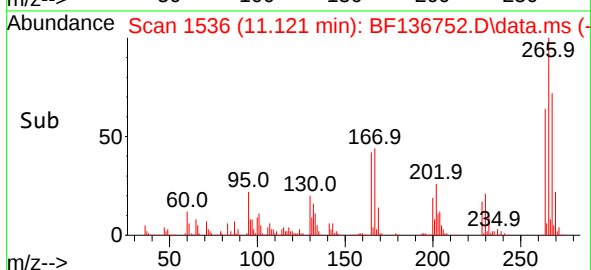
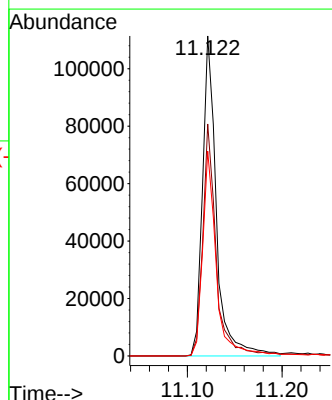
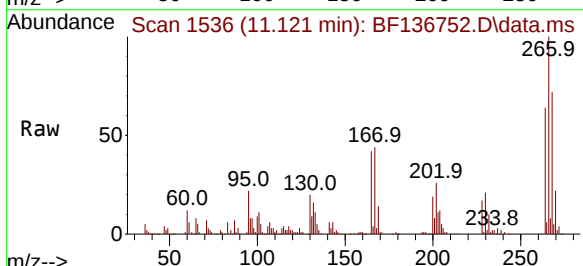
Tgt Ion:266 Resp: 114116

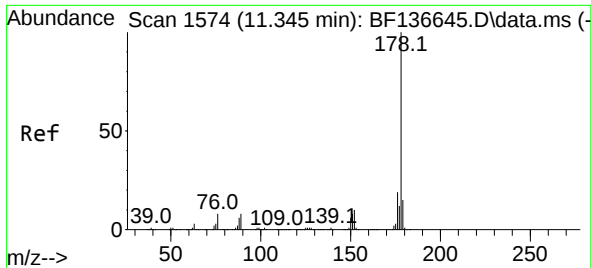
Ion Ratio Lower Upper

266 100

268 72.5 52.6 78.8

264 64.0 49.0 73.4

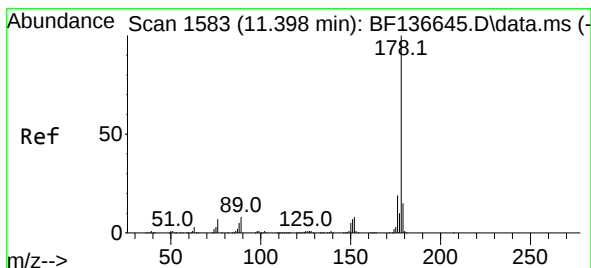
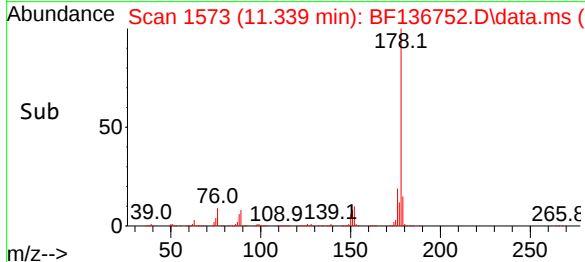
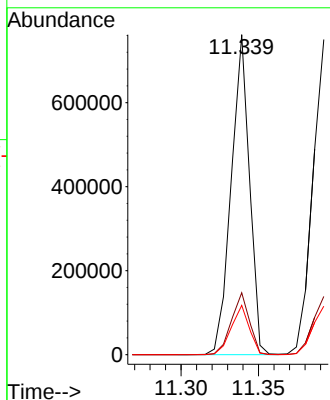
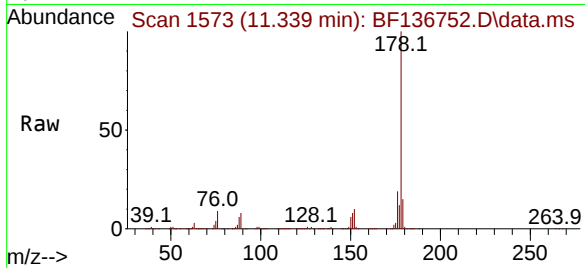




#71
Phenanthrene
Concen: 41.183 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

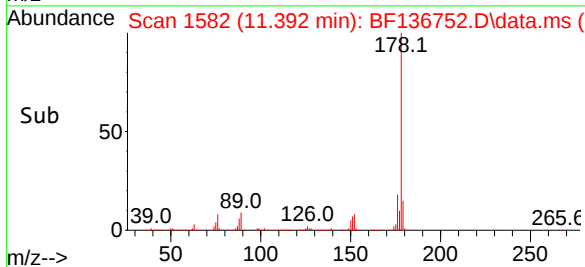
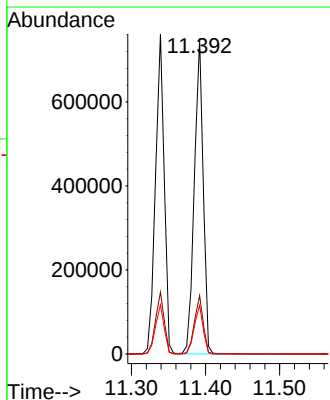
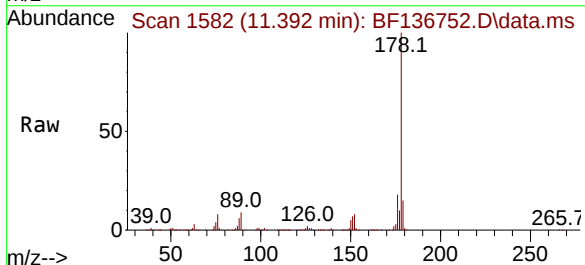
Instrument :
BNA_F
ClientSampleId :
PB157937BS

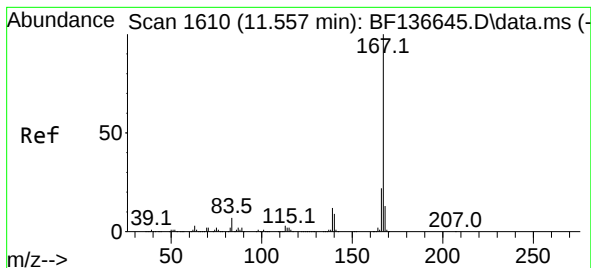
Tgt Ion:178 Resp: 624432
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 11.9 17.9



#72
Anthracene
Concen: 40.662 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:178 Resp: 624378
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.4 11.8 17.6





#73

Carbazole

Concen: 38.656 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

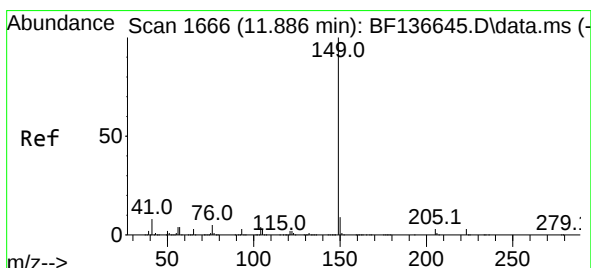
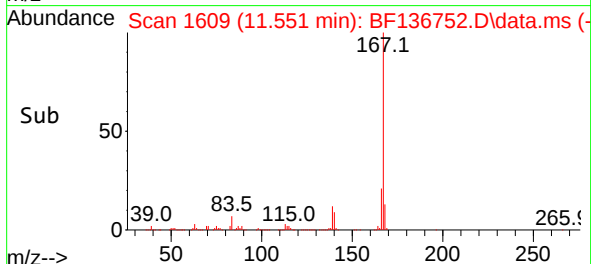
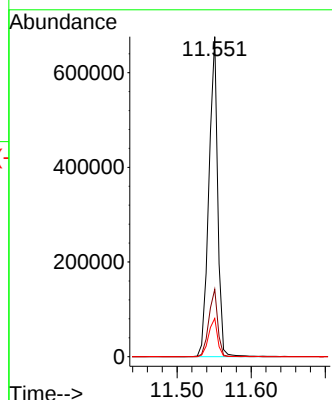
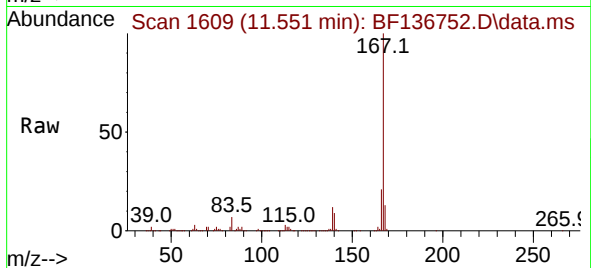
Tgt Ion:167 Resp: 559630

Ion Ratio Lower Upper

167 100

166 21.0 17.3 25.9

139 12.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 38.724 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

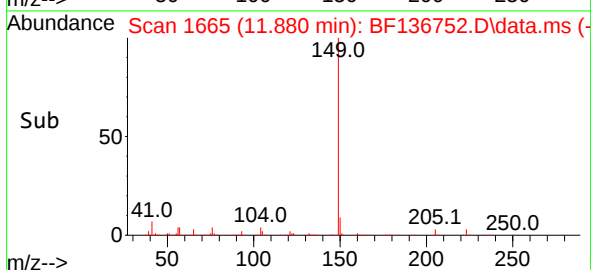
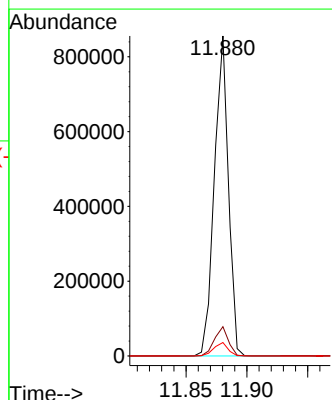
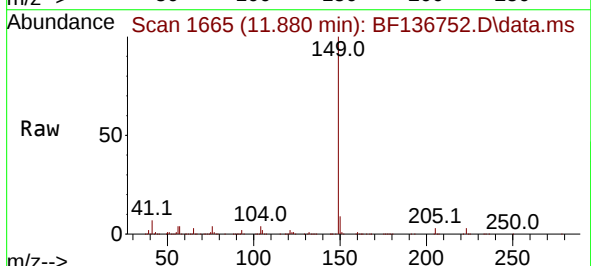
Tgt Ion:149 Resp: 684092

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.2 3.6 5.4

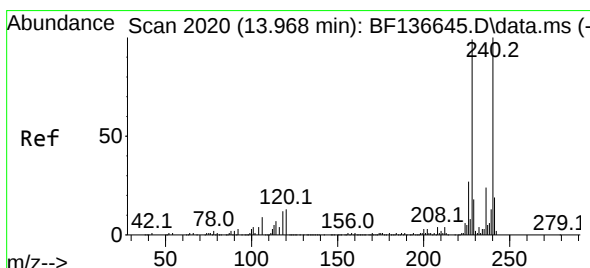
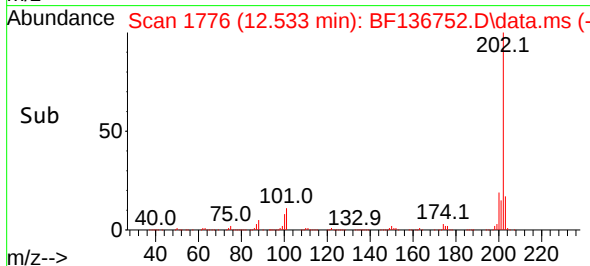
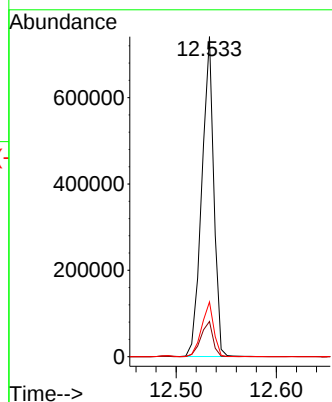
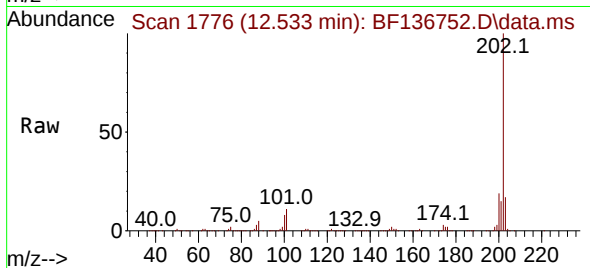




#75
Fluoranthene
Concen: 38.125 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

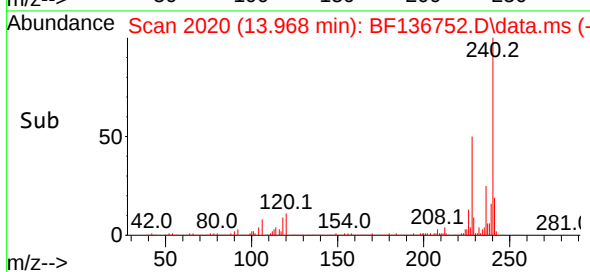
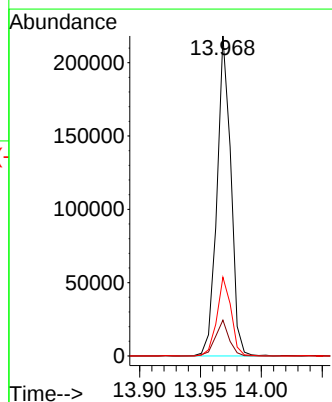
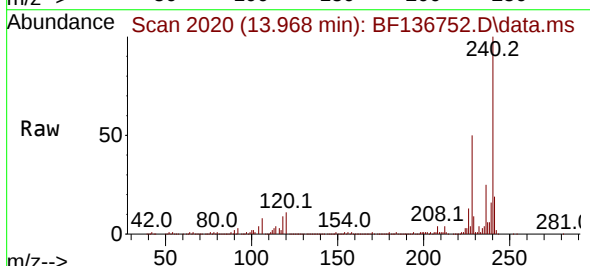
Instrument :
BNA_F
ClientSampleId :
PB157937BS

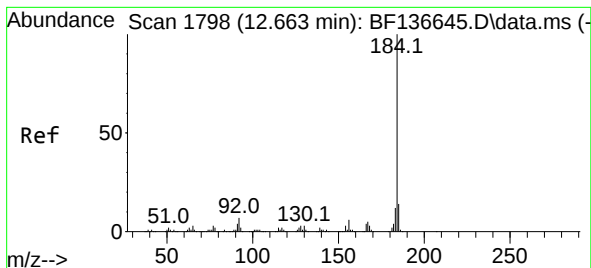
Tgt Ion:202 Resp: 618321
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 17.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:240 Resp: 172808
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 24.6 19.4 29.2





#77

Benzidine

Concen: 7.339 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

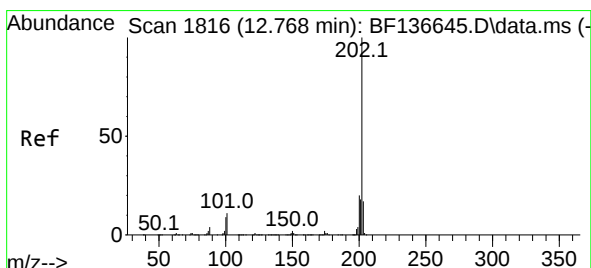
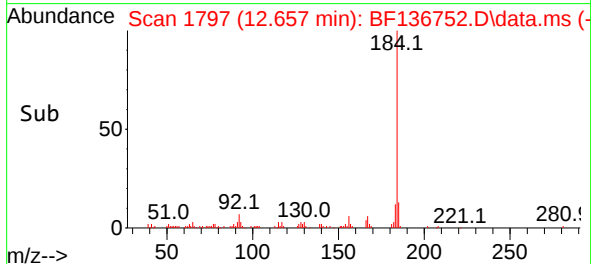
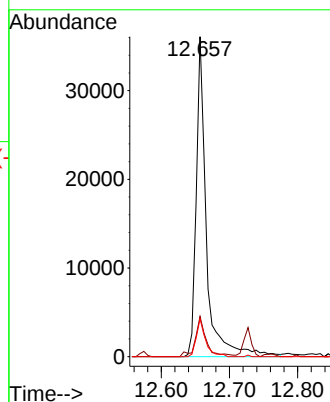
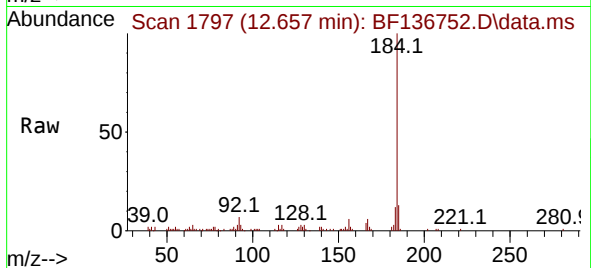
Tgt Ion:184 Resp: 37395

Ion Ratio Lower Upper

184 100

185 12.6 11.2 16.8

183 11.8 9.3 13.9



#78

Pyrene

Concen: 36.592 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

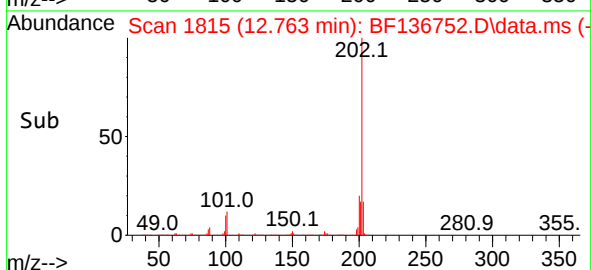
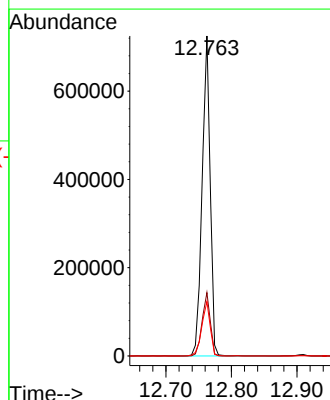
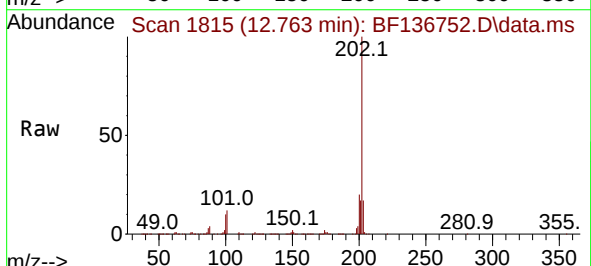
Tgt Ion:202 Resp: 620743

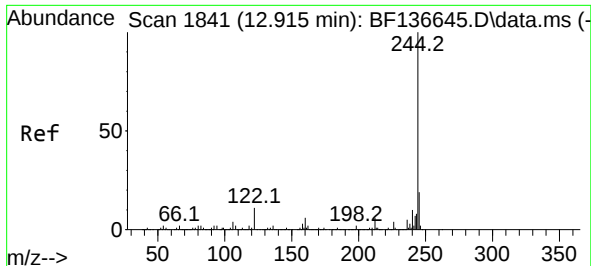
Ion Ratio Lower Upper

202 100

200 19.8 15.9 23.9

203 17.0 13.8 20.6

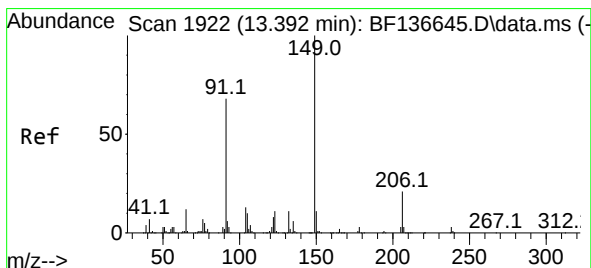
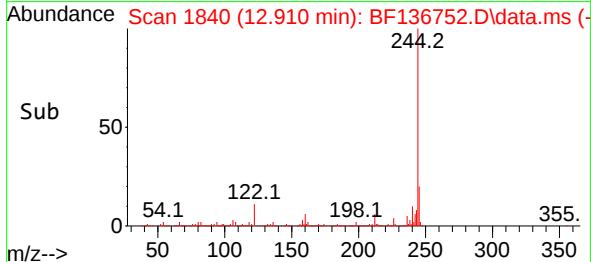
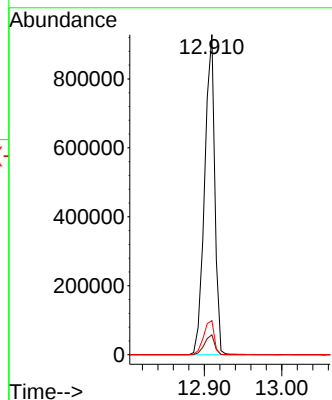
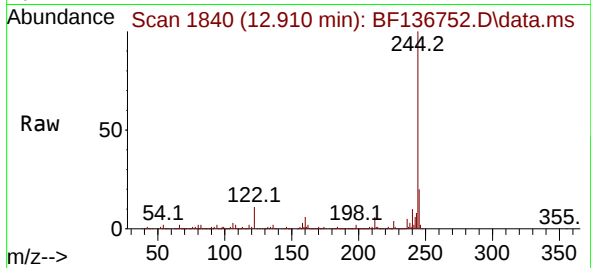




#79
 Terphenyl-d14
 Concen: 68.060 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136752.D
 Acq: 27 Dec 2023 11:45

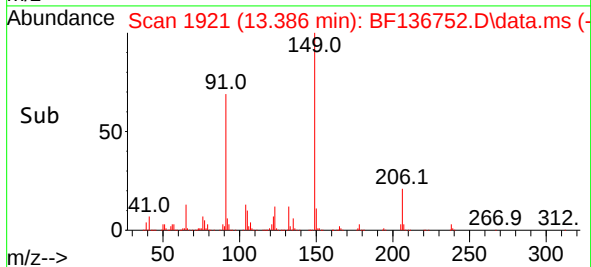
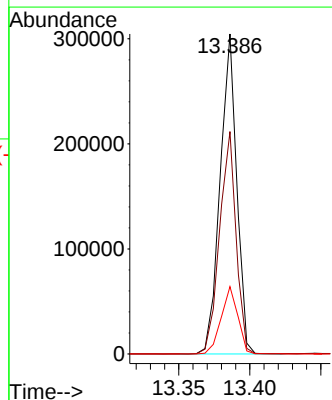
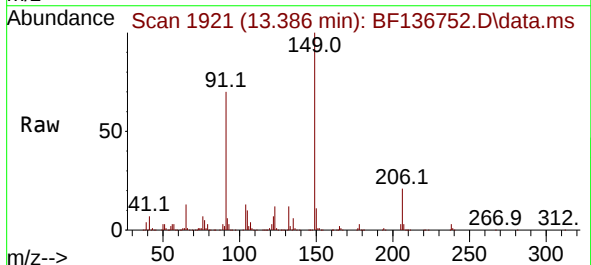
Instrument :
 BNA_F
 ClientSampleId :
 PB157937BS

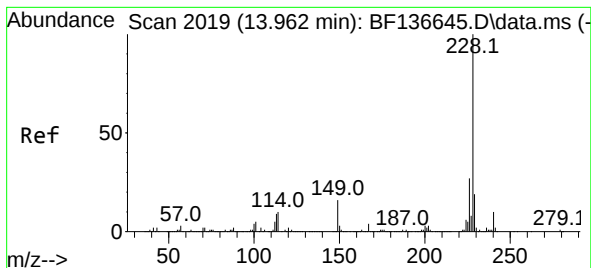
Tgt Ion:244 Resp: 841616
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 40.061 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136752.D
 Acq: 27 Dec 2023 11:45

Tgt Ion:149 Resp: 247283
 Ion Ratio Lower Upper
 149 100
 91 69.5 54.1 81.1
 206 21.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.115 ng

RT: 13.957 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

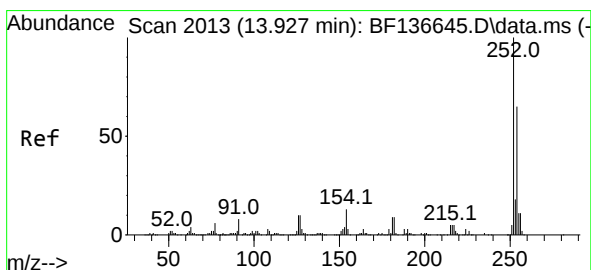
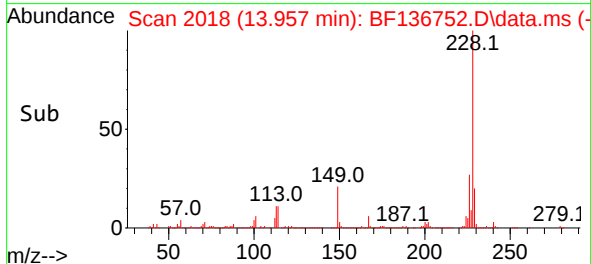
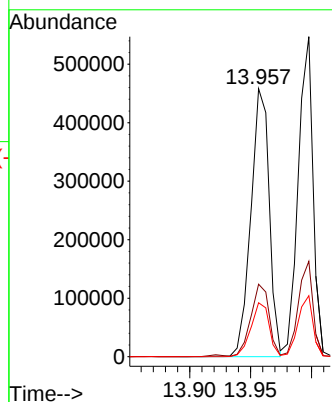
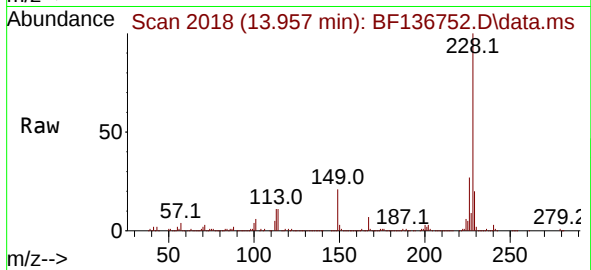
Tgt Ion:228 Resp: 481365

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 20.1 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 44.666 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

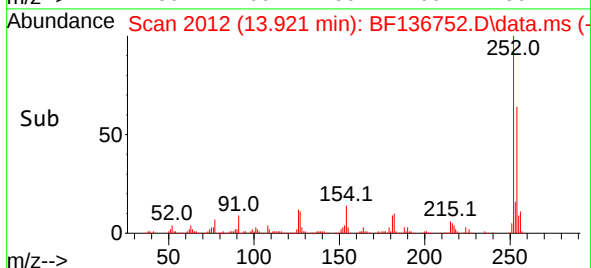
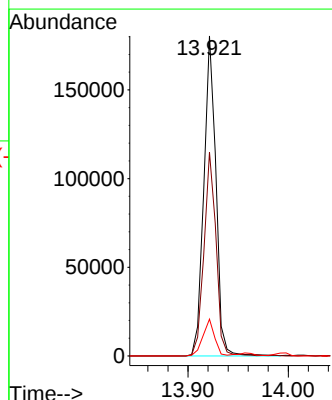
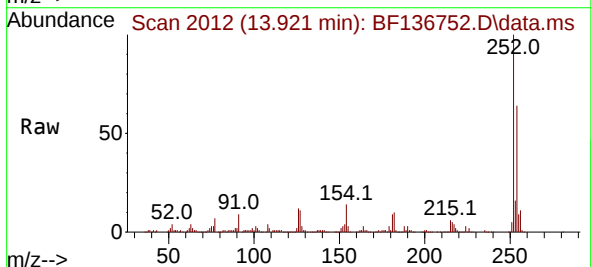
Tgt Ion:252 Resp: 152212

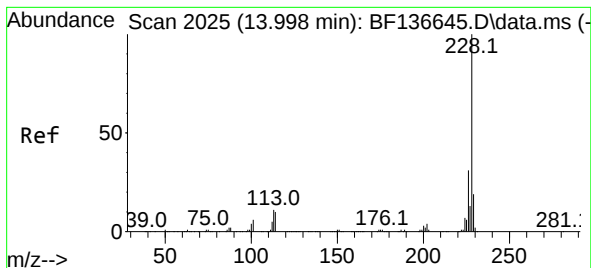
Ion Ratio Lower Upper

252 100

254 63.7 52.2 78.4

126 11.5 8.0 12.0





#83

Chrysene

Concen: 39.803 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

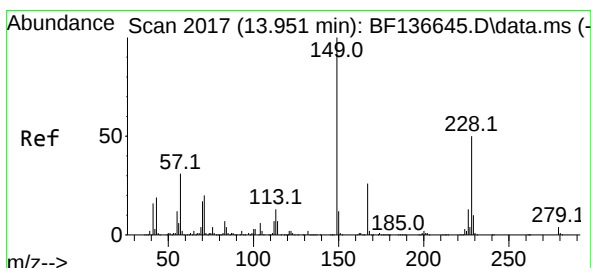
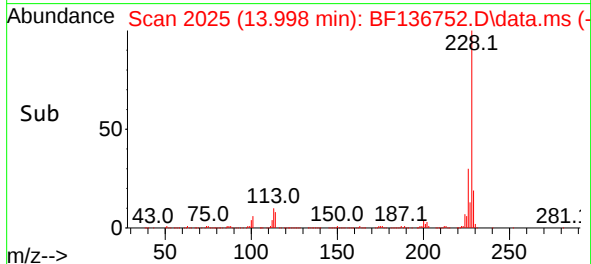
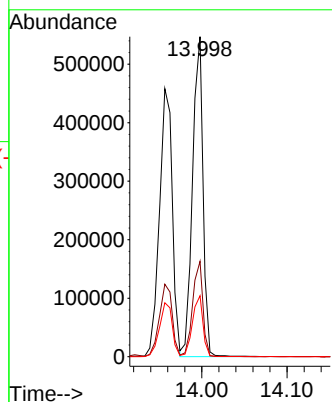
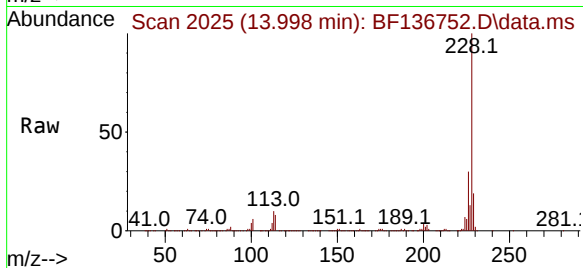
Tgt Ion:228 Resp: 467063

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 19.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.513 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

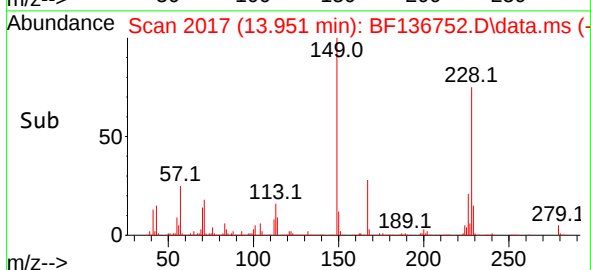
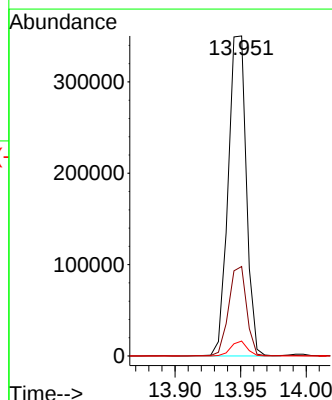
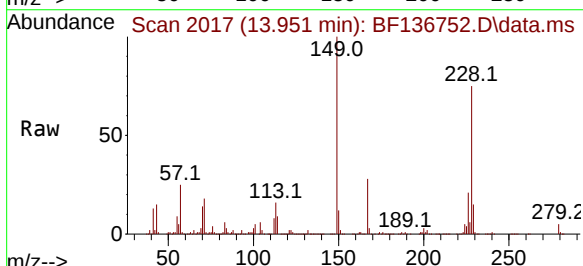
Tgt Ion:149 Resp: 337938

Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 4.7 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 47.742 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

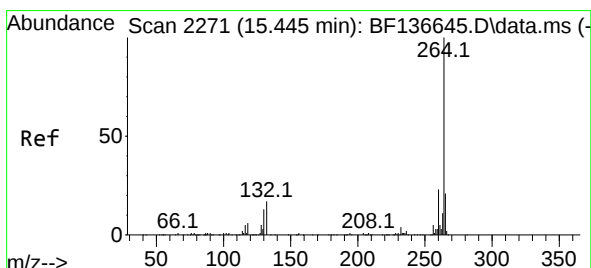
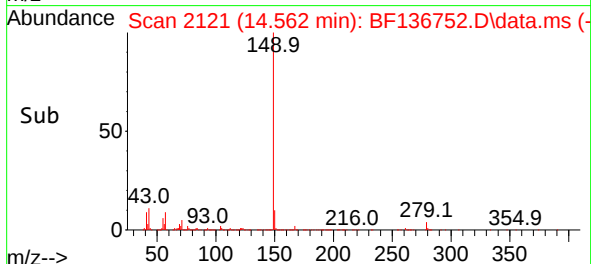
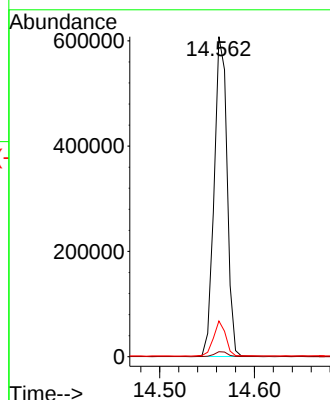
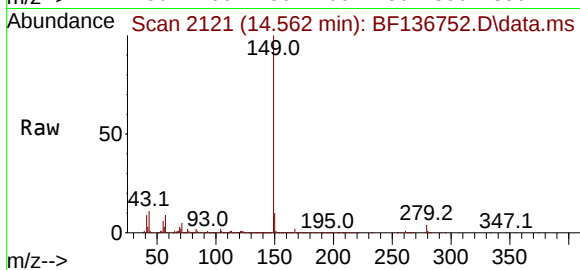
Tgt Ion:149 Resp: 573547

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

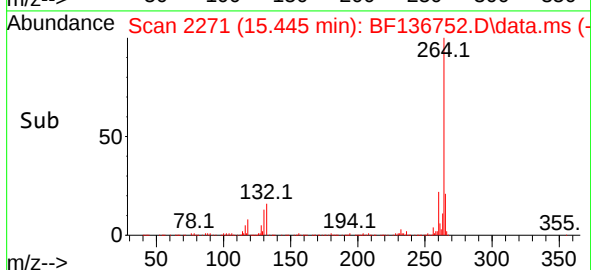
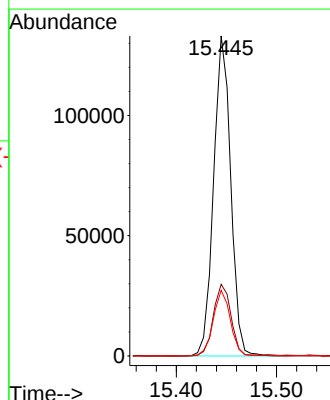
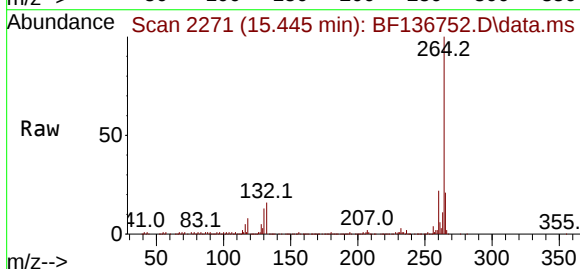
Tgt Ion:264 Resp: 157848

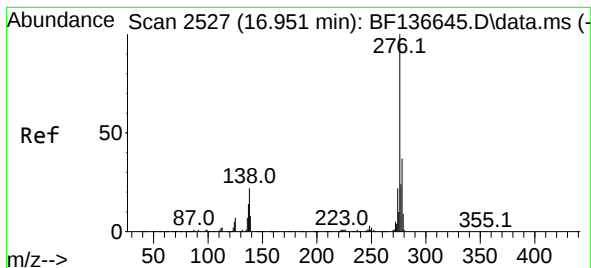
Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 20.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.994 ng

RT: 16.956 min Scan# 21956

Delta R.T. 0.006 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

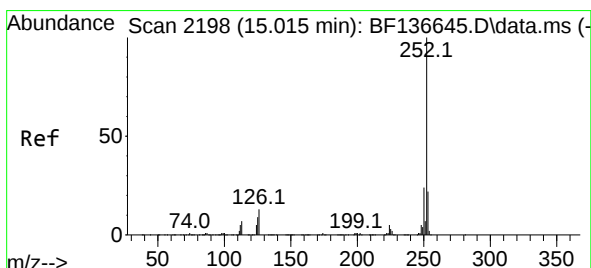
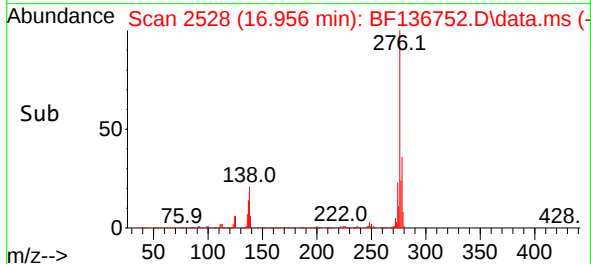
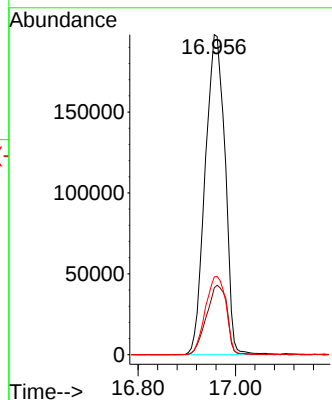
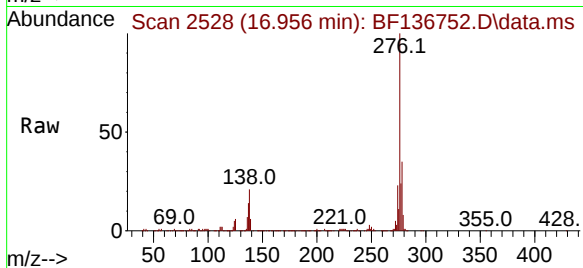
Tgt Ion:276 Resp: 558376

Ion Ratio Lower Upper

276 100

138 22.6 18.7 28.1

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.984 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

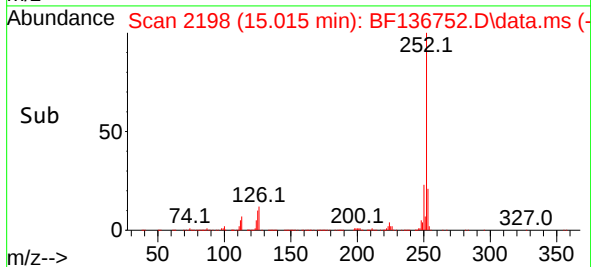
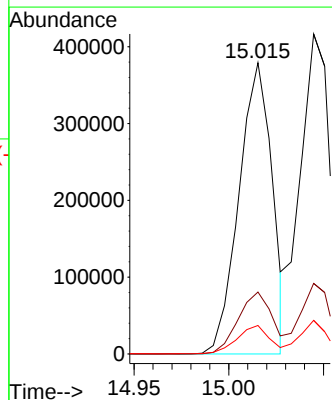
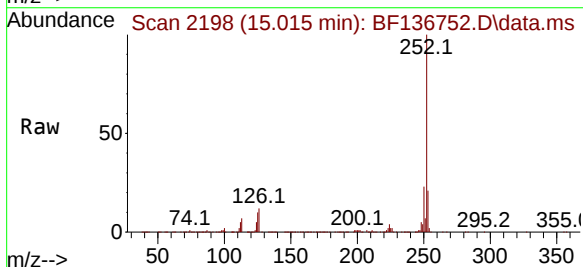
Tgt Ion:252 Resp: 463718

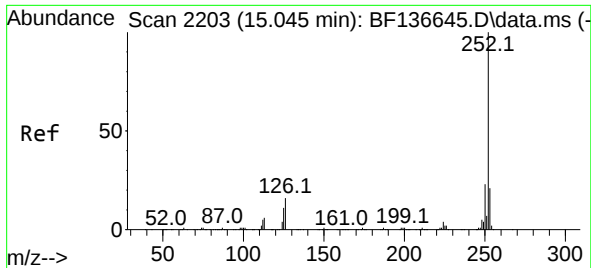
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.8 7.4 11.2

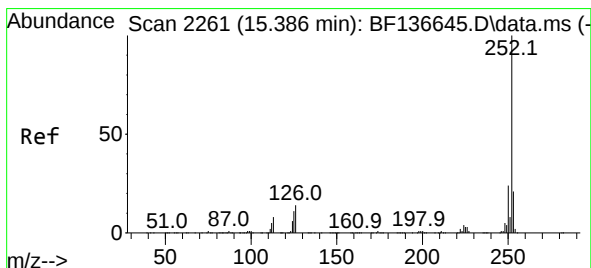
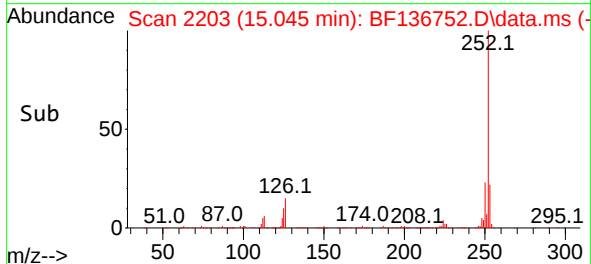
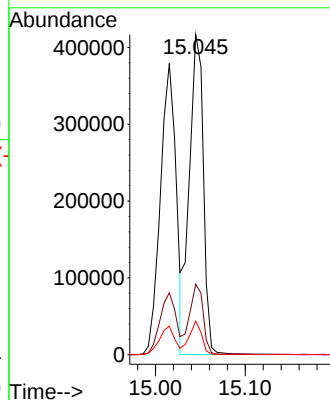
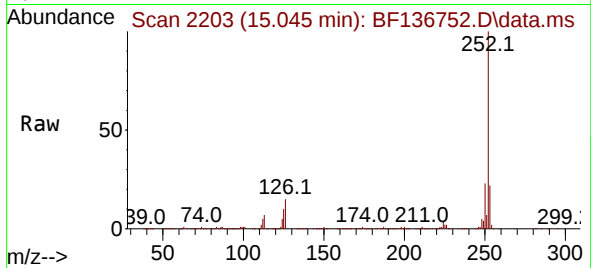




#89
Benzo(k)fluoranthene
Concen: 45.517 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

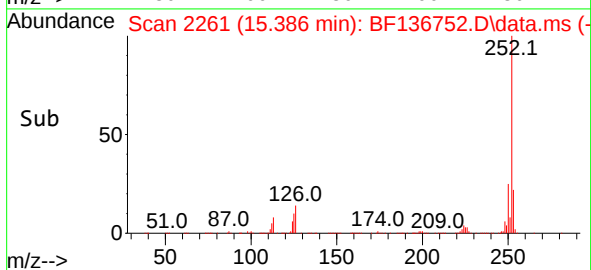
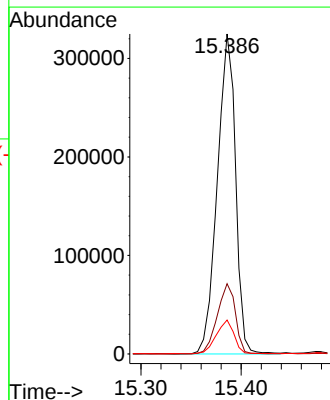
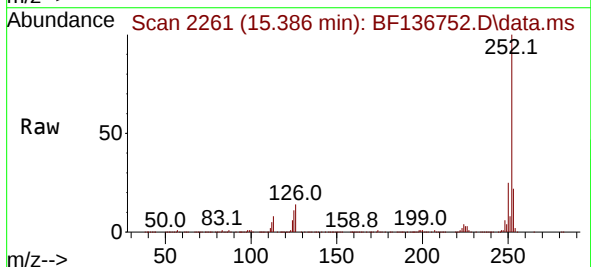
Instrument :
BNA_F
ClientSampleId :
PB157937BS

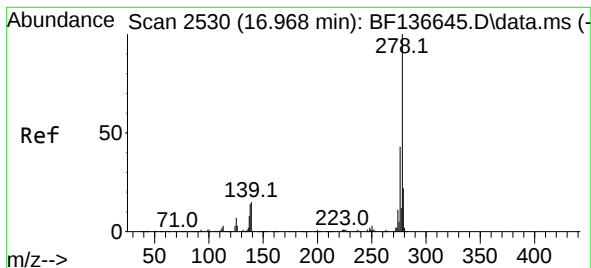
Tgt Ion:252 Resp: 453443
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.105 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136752.D
Acq: 27 Dec 2023 11:45

Tgt Ion:252 Resp: 410304
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.945 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB157937BS

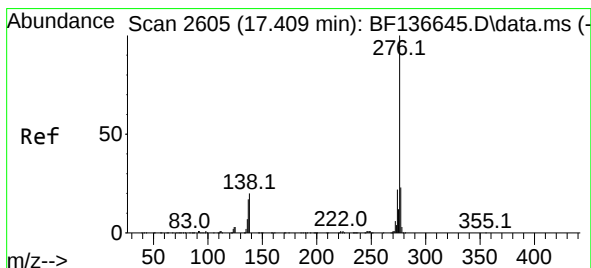
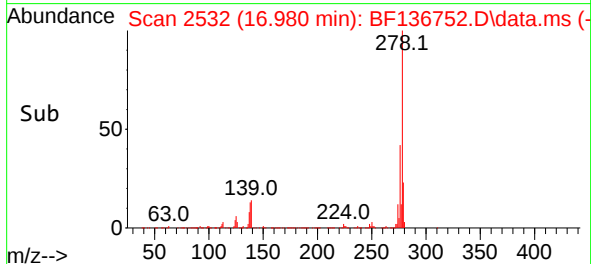
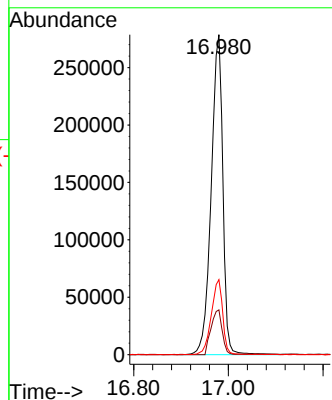
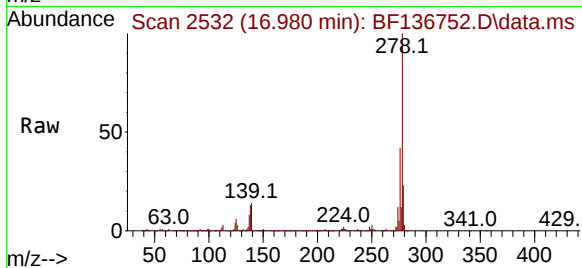
Tgt Ion:278 Resp: 476331

Ion Ratio Lower Upper

278 100

139 14.0 12.2 18.4

279 23.4 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 49.505 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF136752.D

Acq: 27 Dec 2023 11:45

Tgt Ion:276 Resp: 474075

Ion Ratio Lower Upper

276 100

277 22.0 18.3 27.5

138 20.0 15.6 23.4

