

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137863.D
 Acq On : 09 May 2024 14:43
 Operator : CG\JU
 Sample : PB160815BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160815BS

Quant Time: May 09 15:13:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	197597	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	802265	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	451088	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	752249	20.000	ng	0.00
76) Chrysene-d12	14.251	240	446083	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	367432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1444318	122.381	ng	0.02
7) Phenol-d6	6.675	99	1817485	121.413	ng	0.00
23) Nitrobenzene-d5	7.622	82	1142193	82.715	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	606440	131.671	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2349242	84.492	ng	0.00
79) Terphenyl-d14	13.186	244	2583154	97.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	173960	32.733	ng	97
3) Pyridine	3.822	79	442809	34.427	ng	96
4) n-Nitrosodimethylamine	3.793	42	230147	39.736	ng	91
6) Aniline	6.716	93	494792	33.349	ng	98
8) 2-Chlorophenol	6.840	128	602590	46.852	ng	97
9) Benzaldehyde	6.610	77	563437	69.893	ng	98
10) Phenol	6.687	94	666412	43.446	ng	96
11) bis(2-Chloroethyl)ether	6.787	93	543077	45.217	ng	98
12) 1,3-Dichlorobenzene	6.993	146	612208	42.211	ng	100
13) 1,4-Dichlorobenzene	7.069	146	620053	42.607	ng	99
14) 1,2-Dichlorobenzene	7.222	146	603730	44.046	ng	98
15) Benzyl Alcohol	7.192	79	493047	47.628	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	691373	40.954	ng	97
17) 2-Methylphenol	7.293	107	481957	46.440	ng	99
18) Hexachloroethane	7.563	117	219043	44.523	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	396289	44.298	ng	96
20) 3+4-Methylphenols	7.445	107	606101	44.391	ng	# 90
22) Acetophenone	7.463	105	798579	44.259	ng	99
24) Nitrobenzene	7.640	77	600986	42.228	ng	93
25) Isophorone	7.869	82	1117373	44.879	ng	99
26) 2-Nitrophenol	7.951	139	328817	51.020	ng	96
27) 2,4-Dimethylphenol	7.975	122	448035	48.288	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	676256	44.861	ng	99
29) 2,4-Dichlorophenol	8.187	162	518604	46.243	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	542353	44.362	ng	99
31) Naphthalene	8.363	128	1741672	43.685	ng	100
32) Benzoic acid	8.110	122	394421	49.275	ng	96
33) 4-Chloroaniline	8.398	127	215397	14.569	ng	99
34) Hexachlorobutadiene	8.469	225	336489	44.829	ng	97
35) Caprolactam	8.787	113	92607	26.062	ng	92
36) 4-Chloro-3-methylphenol	8.881	107	538884	46.078	ng	96
37) 2-Methylnaphthalene	9.051	142	1143607	44.313	ng	98
38) 1-Methylnaphthalene	9.151	142	1065851	41.979	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	552080	46.209	ng	99
41) Hexachlorocyclopentadiene	9.204	237	633243	130.492	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	382303	47.009	ng	98

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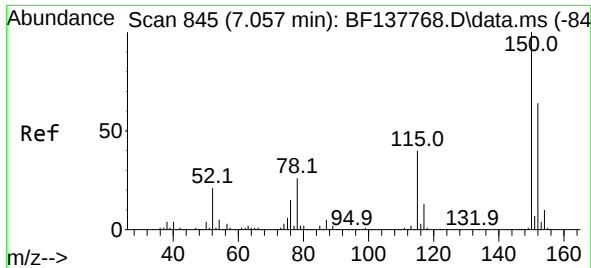
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	406822	45.303	ng	99
46) 1,1'-Biphenyl	9.516	154	1418189	45.811	ng	99
47) 2-Chloronaphthalene	9.545	162	1106918	44.289	ng	98
48) 2-Nitroaniline	9.639	65	307003	45.291	ng	95
49) Acenaphthylene	9.963	152	1720717	47.593	ng	99
50) Dimethylphthalate	9.816	163	1326614	46.586	ng	100
51) 2,6-Dinitrotoluene	9.881	165	296842	45.613	ng	93
52) Acenaphthene	10.139	154	1169149	48.786	ng	99
53) 3-Nitroaniline	10.051	138	202012	29.642	ng	94
54) 2,4-Dinitrophenol	10.157	184	322318	100.798	ng	89
55) Dibenzofuran	10.310	168	1550782	44.467	ng	98
56) 4-Nitrophenol	10.210	139	458120	81.107	ng	95
57) 2,4-Dinitrotoluene	10.286	165	395814	46.555	ng	99
58) Fluorene	10.651	166	1213343	43.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	331753	45.505	ng	98
60) Diethylphthalate	10.516	149	1246235	46.079	ng	100
61) 4-Chlorophenyl-phenyle...	10.639	204	605910	44.306	ng	95
62) 4-Nitroaniline	10.675	138	278883	40.344	ng	95
63) Azobenzene	10.804	77	1137156	43.503	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	222374	51.503	ng	83
66) n-Nitrosodiphenylamine	10.763	169	1058960	47.028	ng	98
67) 4-Bromophenyl-phenylether	11.133	248	385215	47.849	ng	96
68) Hexachlorobenzene	11.198	284	409219	46.513	ng	99
69) Atrazine	11.286	200	359981	52.430	ng	99
70) Pentachlorophenol	11.392	266	502378	83.173	ng	99
71) Phenanthrene	11.622	178	1672413	45.612	ng	100
72) Anthracene	11.675	178	1700742	46.619	ng	99
73) Carbazole	11.828	167	1509692	42.938	ng	99
74) Di-n-butylphthalate	12.145	149	1868672	48.722	ng	100
75) Fluoranthene	12.816	202	1703310	42.498	ng	99
77) Benzidine	12.927	184	199112	19.300	ng	99
78) Pyrene	13.045	202	1721891	48.684	ng	100
80) Butylbenzylphthalate	13.651	149	681149	60.698	ng	99
81) Benzo(a)anthracene	14.239	228	1366971	47.912	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	294772	34.511	ng	99
83) Chrysene	14.274	228	1271218	47.585	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	934786	66.096	ng	99
85) Di-n-octyl phthalate	14.833	149	1305596	68.594	ng	98
87) Indeno(1,2,3-cd)pyrene	17.457	276	1079580	51.680	ng	99
88) Benzo(b)fluoranthene	15.345	252	1043937	45.665	ng	100
89) Benzo(k)fluoranthene	15.380	252	1062065	48.067	ng	98
90) Benzo(a)pyrene	15.751	252	942647	50.543	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	887813	52.213	ng	99
92) Benzo(g,h,i)perylene	17.957	276	833242	46.746	ng	98

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

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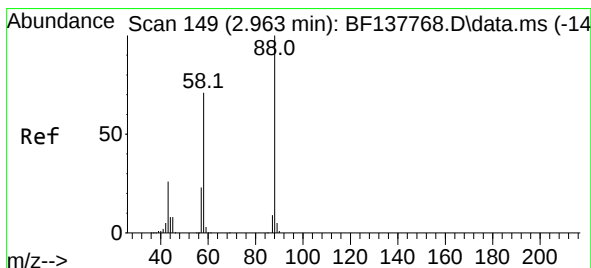
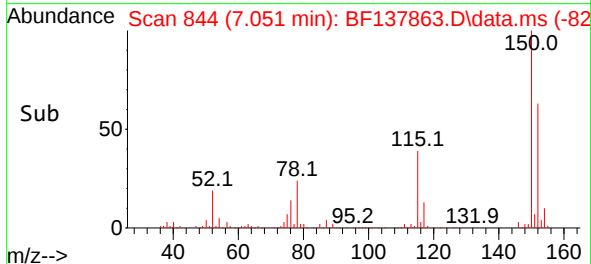
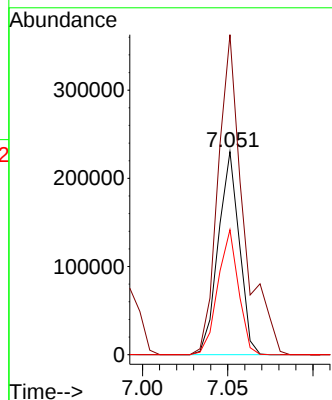
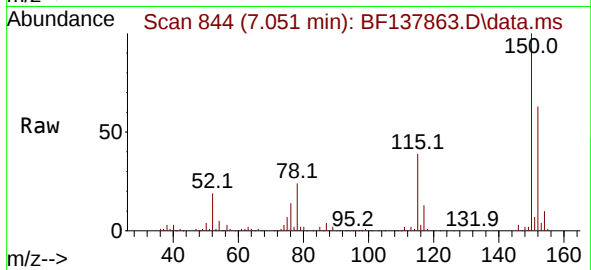




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137863.D
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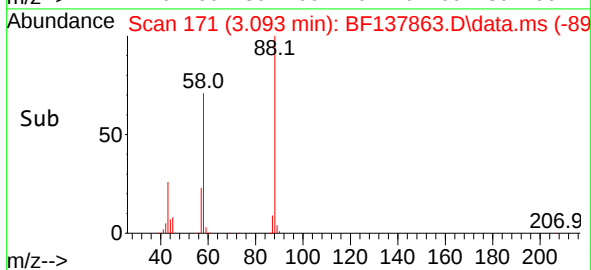
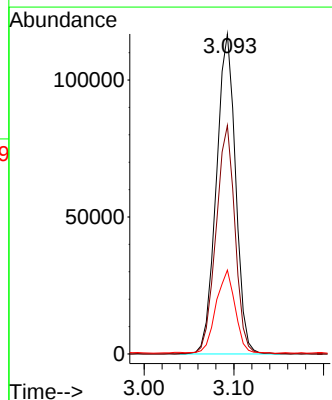
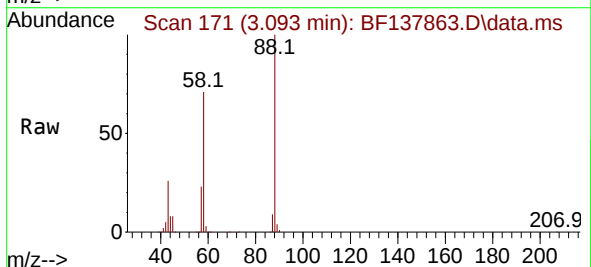
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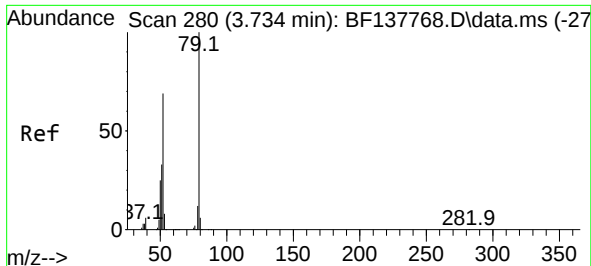
Tgt Ion:152 Resp: 197597
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 61.6 49.1 73.7



#2
1,4-Dioxane
Concen: 32.733 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.129 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 88 Resp: 173960
Ion Ratio Lower Upper
88 100
58 70.8 58.8 88.2
43 26.0 21.4 32.0

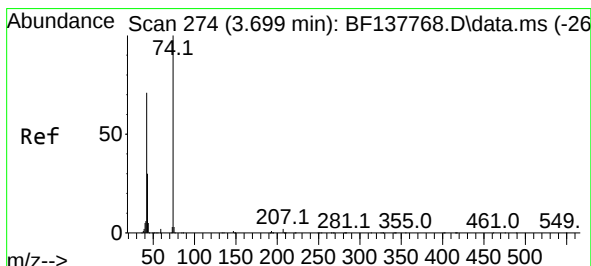
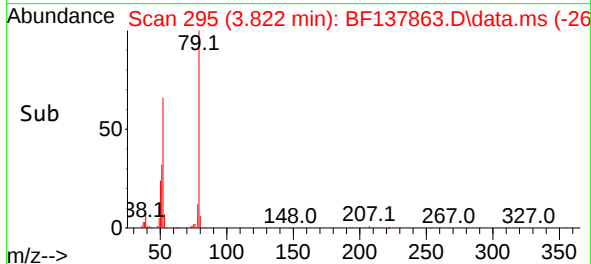
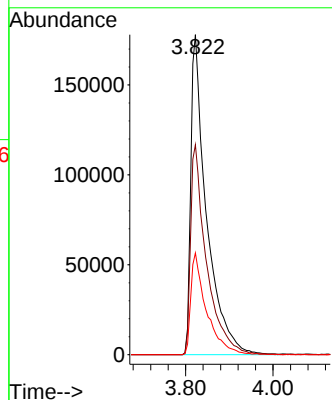
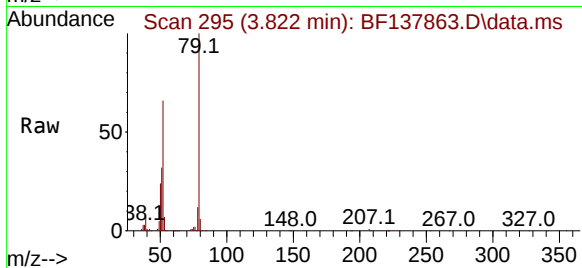




#3
Pyridine
Concen: 34.427 ng
RT: 3.822 min Scan# 295
Delta R.T. 0.088 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

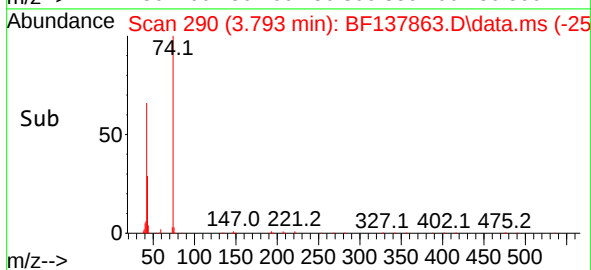
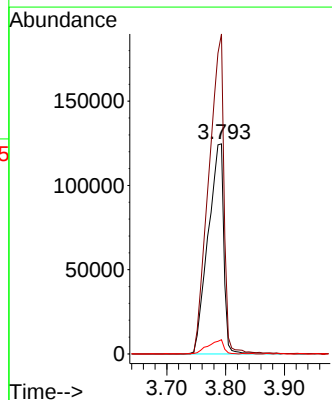
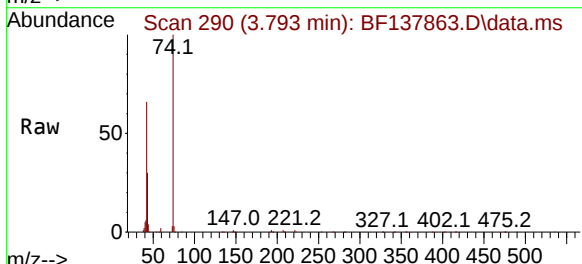
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ClientSampleId :
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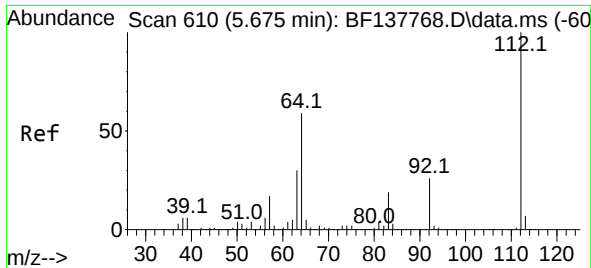
Tgt Ion: 79 Resp: 442809
Ion Ratio Lower Upper
79 100
52 65.6 55.5 83.3
51 31.8 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 39.736 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.094 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 42 Resp: 230147
Ion Ratio Lower Upper
42 100
74 152.3 112.9 169.3
44 6.8 5.6 8.4

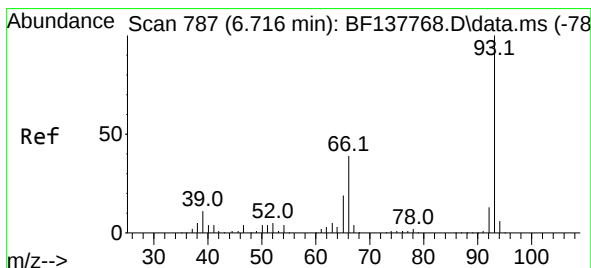
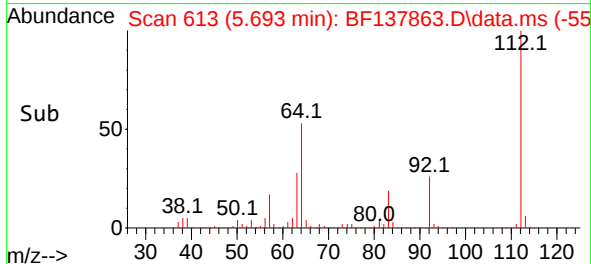
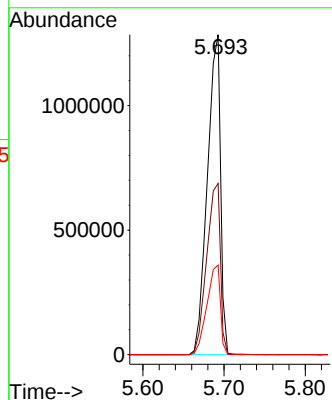
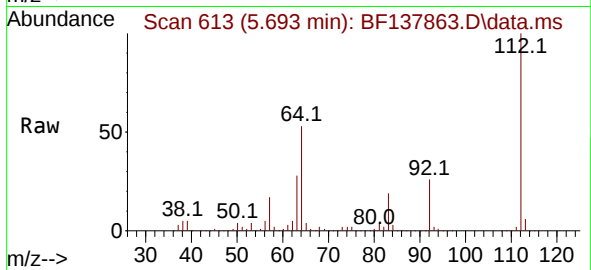




#5
2-Fluorophenol
Concen: 122.381 ng
RT: 5.693 min Scan# 610
Delta R.T. 0.018 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

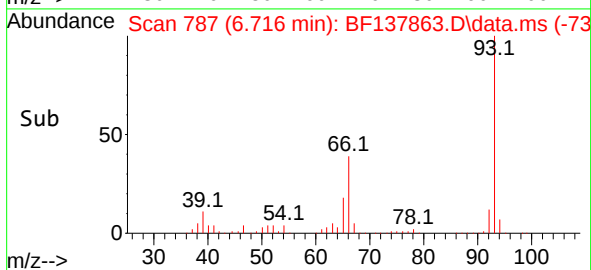
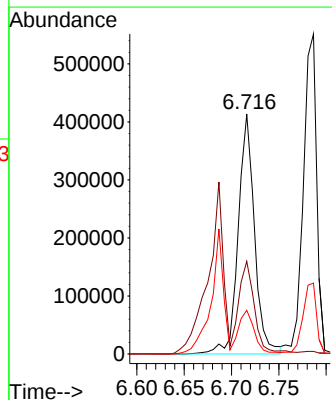
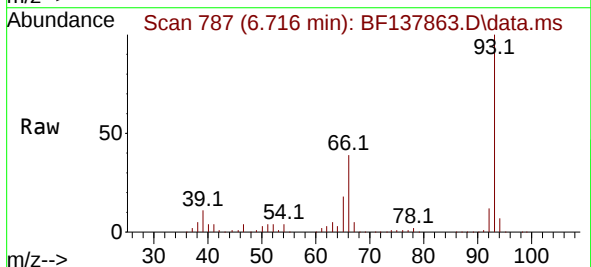
Instrument :
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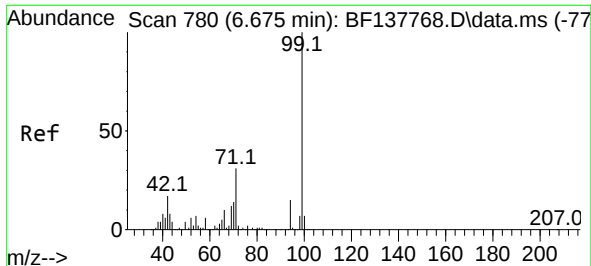
Tgt Ion:112 Resp: 1444318
Ion Ratio Lower Upper
112 100
64 53.5 47.3 70.9
63 28.0 23.7 35.5



#6
Aniline
Concen: 33.349 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 93 Resp: 494792
Ion Ratio Lower Upper
93 100
66 38.6 31.8 47.6
65 18.2 15.4 23.2



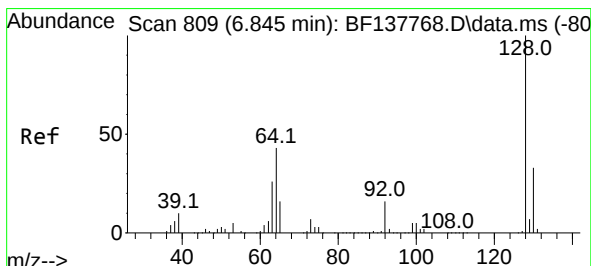
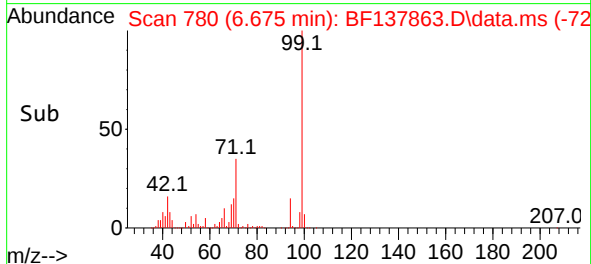
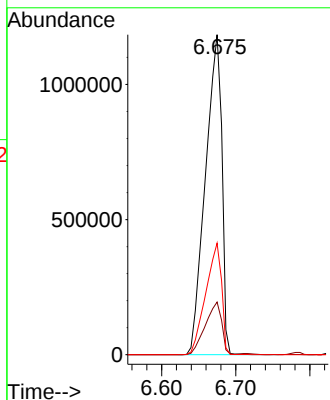
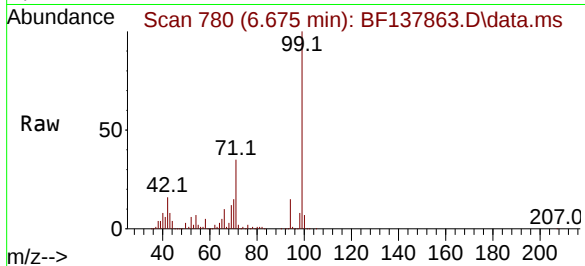


#7
Phenol-d6
Concen: 121.413 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
PB160815BS

Tgt Ion: 99 Resp: 1817485

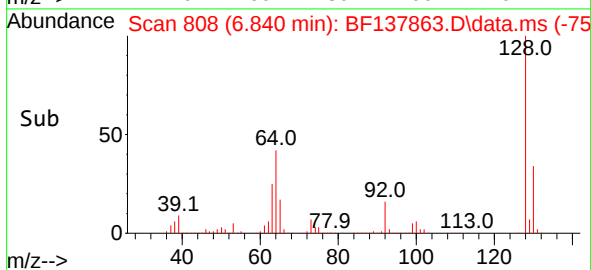
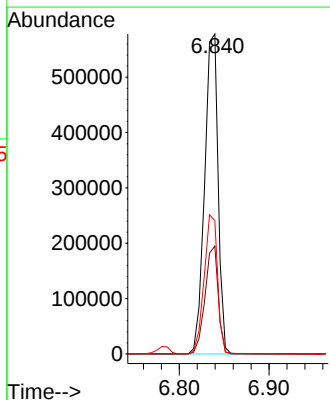
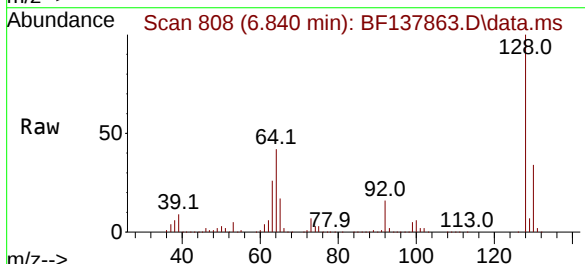
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.2	19.8
71	34.9	25.0	37.4

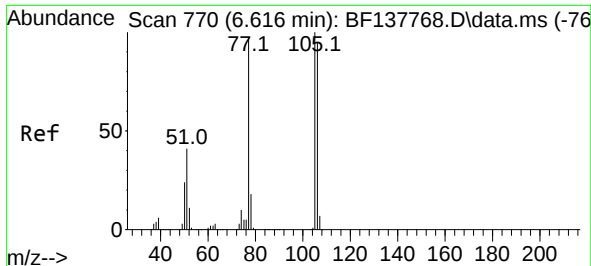


#8
2-Chlorophenol
Concen: 46.852 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 128 Resp: 602590

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.5	52.5
64	41.7	23.9	63.9

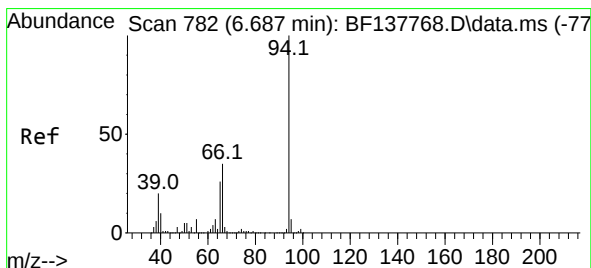
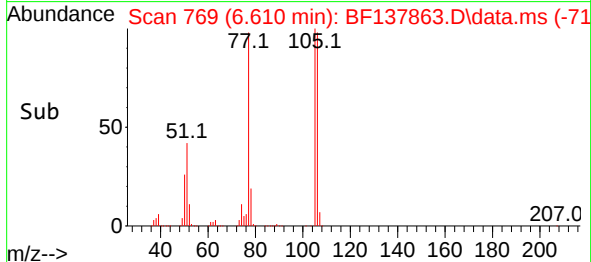
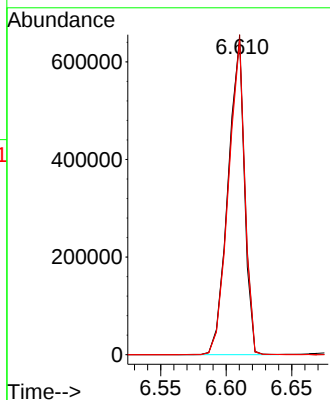
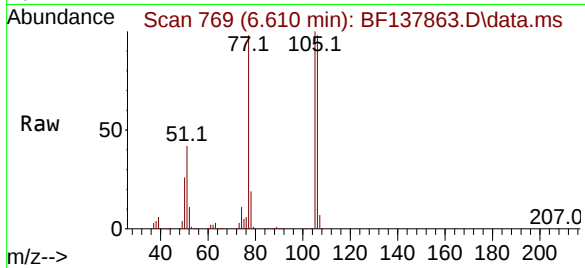




#9
Benzaldehyde
Concen: 69.893 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137863.D
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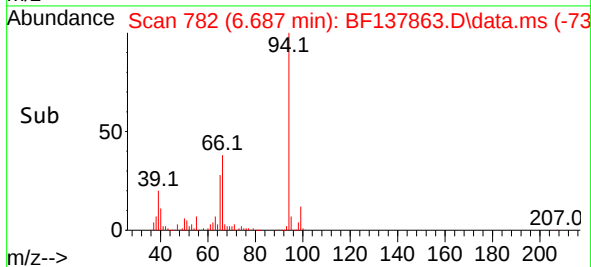
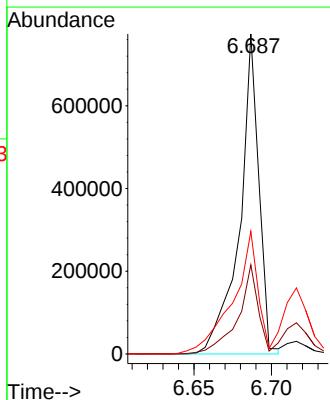
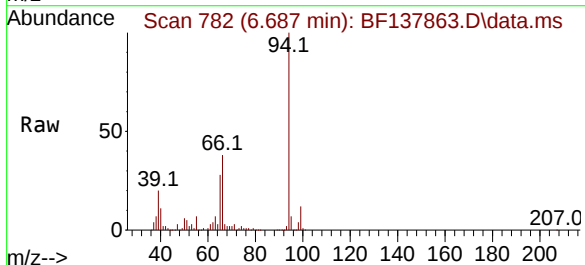
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ClientSampleId :
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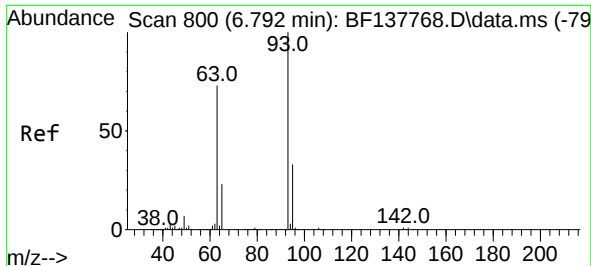
Tgt Ion: 77 Resp: 563437
Ion Ratio Lower Upper
77 100
105 101.6 83.2 123.2
106 99.8 77.7 117.7



#10
Phenol
Concen: 43.446 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 94 Resp: 666412
Ion Ratio Lower Upper
94 100
65 27.9 6.4 46.4
66 38.3 15.4 55.4

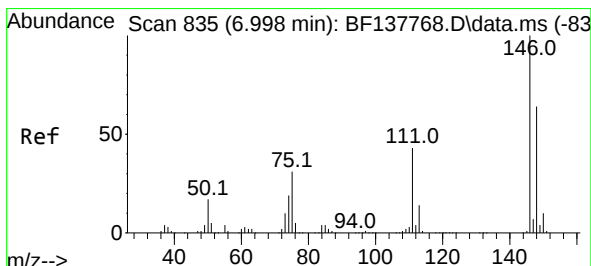
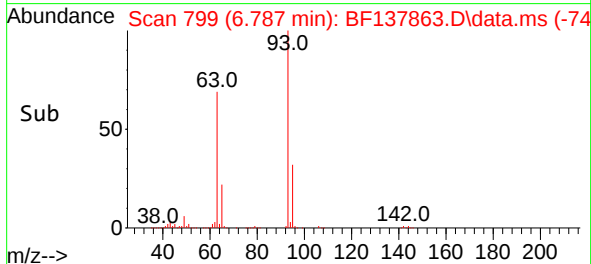
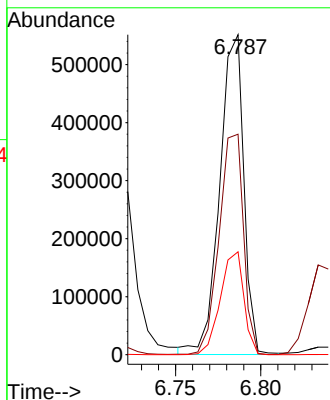
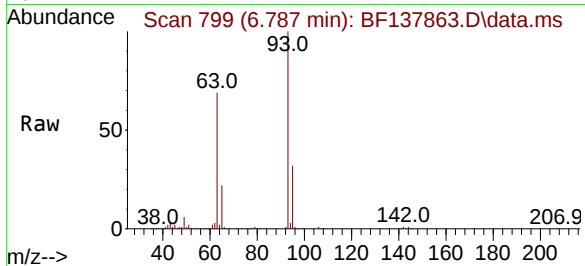




#11
bis(2-Chloroethyl)ether
Concen: 45.217 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

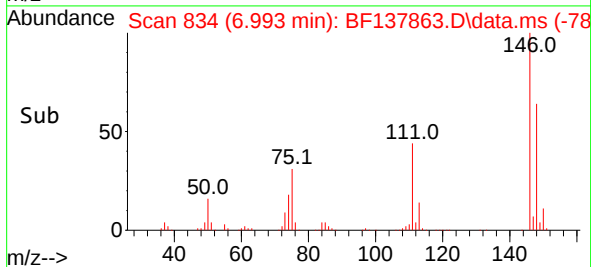
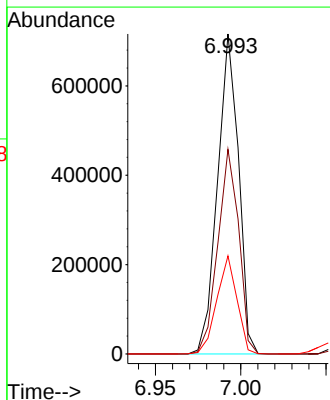
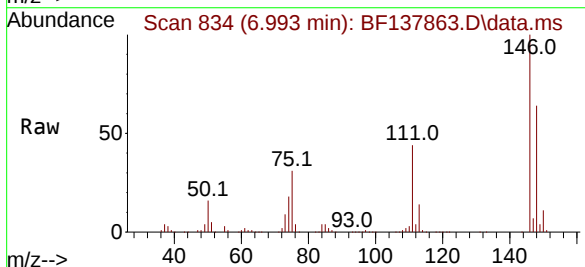
Instrument :
BNA_F
ClientSampleId :
PB160815BS

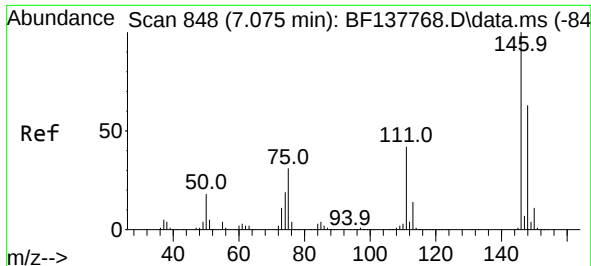
Tgt Ion: 93 Resp: 543077
Ion Ratio Lower Upper
93 100
63 68.9 51.6 91.6
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.211 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:146 Resp: 612208
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 30.7 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.607 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

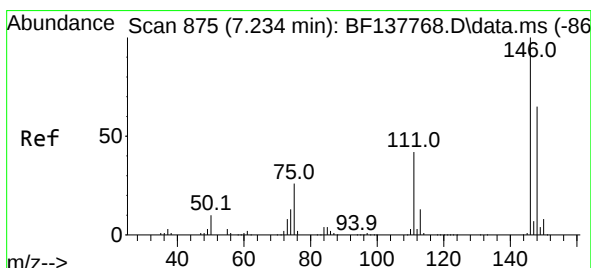
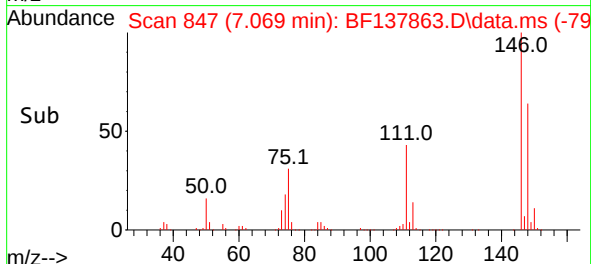
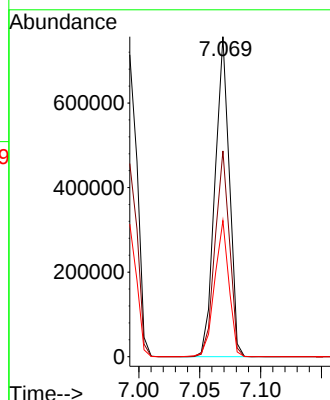
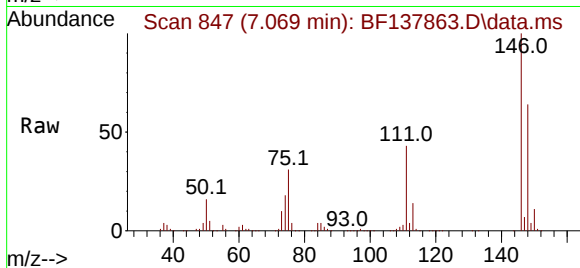
Tgt Ion:146 Resp: 620053

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 42.5 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 44.046 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

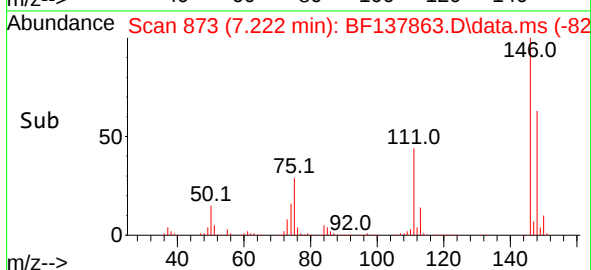
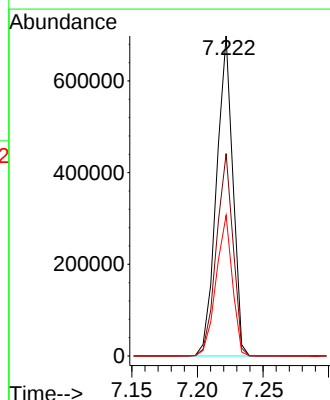
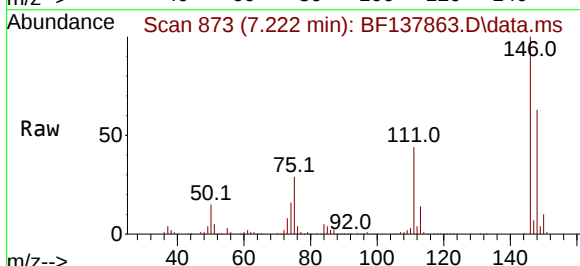
Tgt Ion:146 Resp: 603730

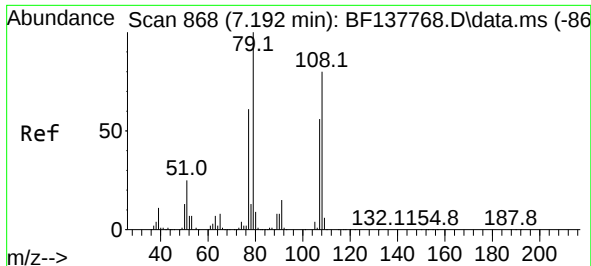
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

111 44.0 33.6 50.4

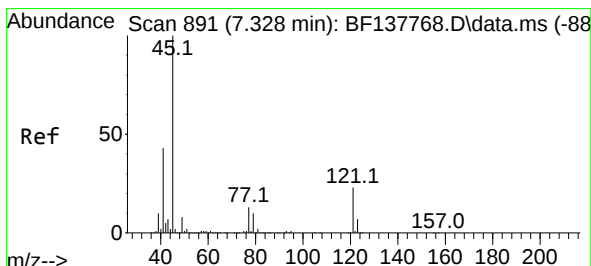
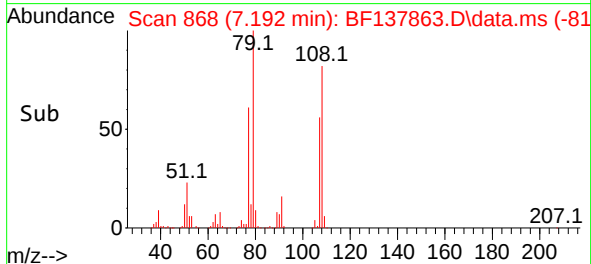
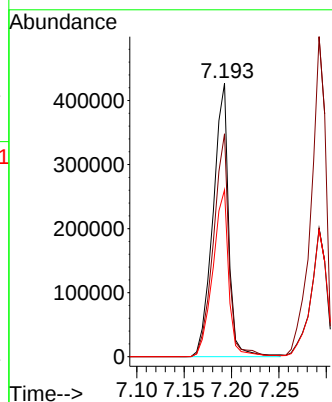
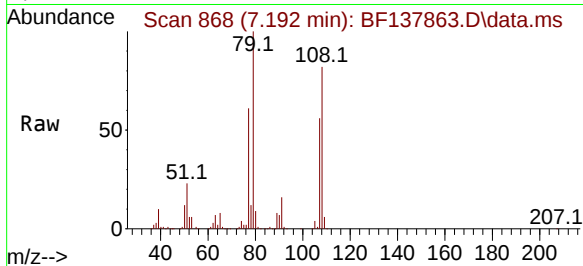




#15
Benzyl Alcohol
Concen: 47.628 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

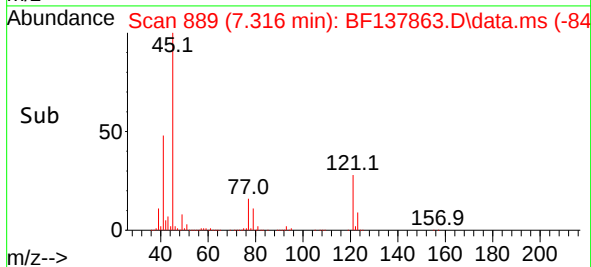
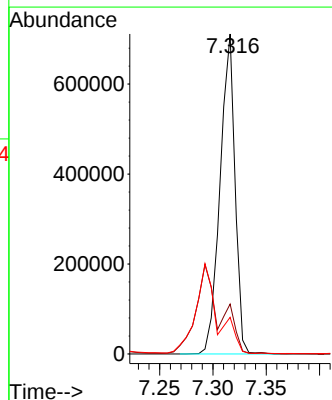
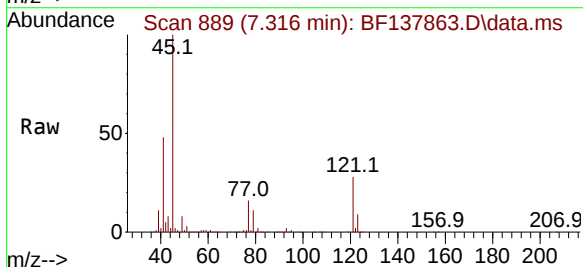
Instrument :
BNA_F
ClientSampleId :
PB160815BS

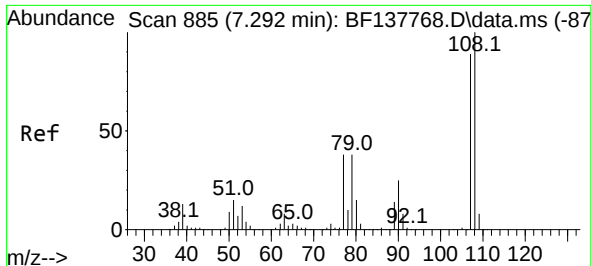
Tgt Ion: 79 Resp: 493047
Ion Ratio Lower Upper
79 100
108 81.5 64.2 96.2
77 61.0 48.5 72.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.954 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 45 Resp: 691373
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.8
79 11.4 0.0 31.0

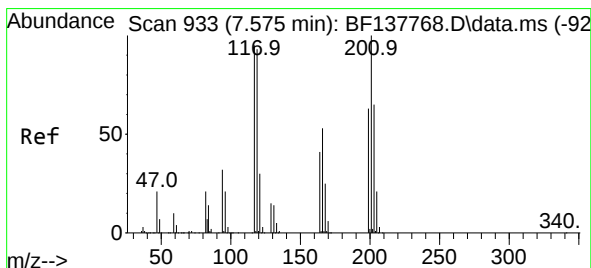
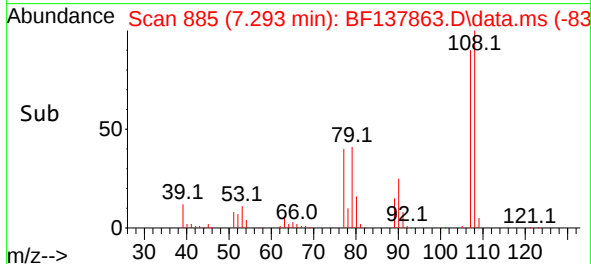
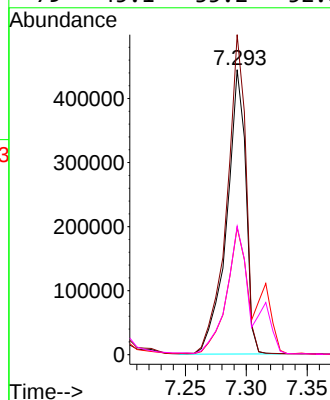
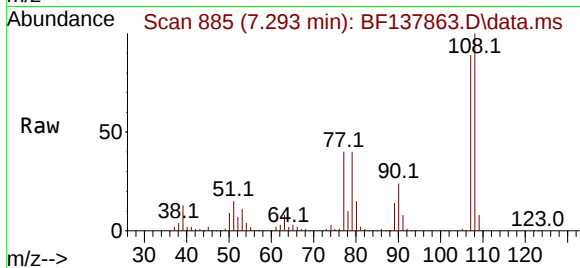




#17
2-Methylphenol
Concen: 46.440 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

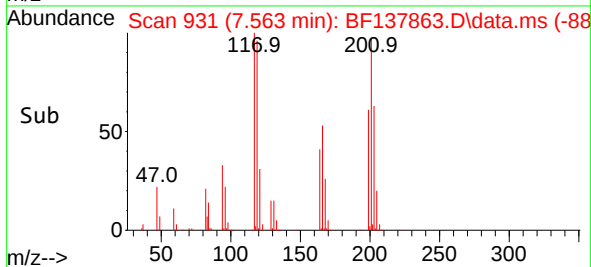
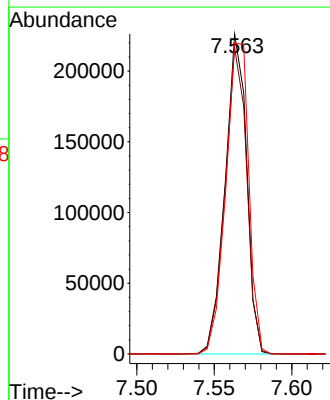
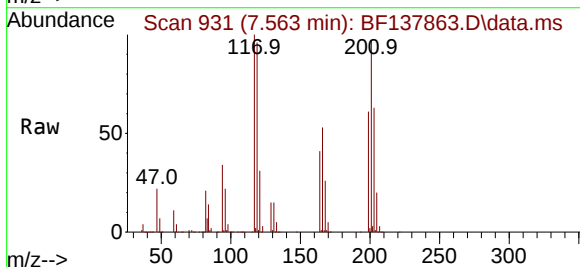
Instrument :
BNA_F
ClientSampleId :
PB160815BS

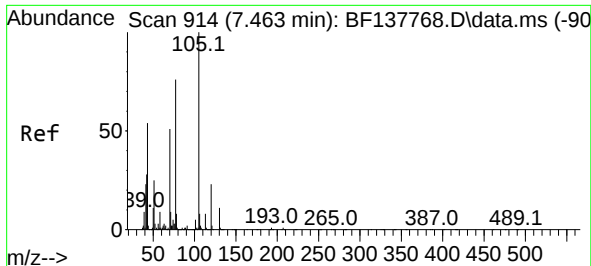
Tgt Ion:	107	Resp:	481957
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.5	135.7
77	44.6	34.5	51.7
79	45.1	35.2	52.8



#18
Hexachloroethane
Concen: 44.523 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:	117	Resp:	219043
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.6	116.4
201	97.2	83.8	125.8

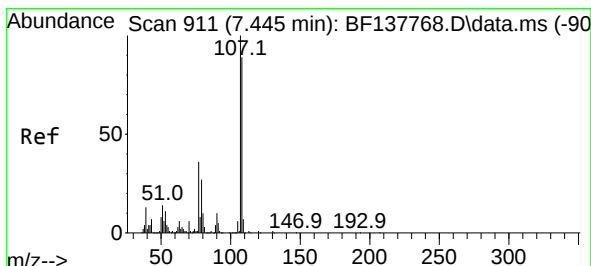
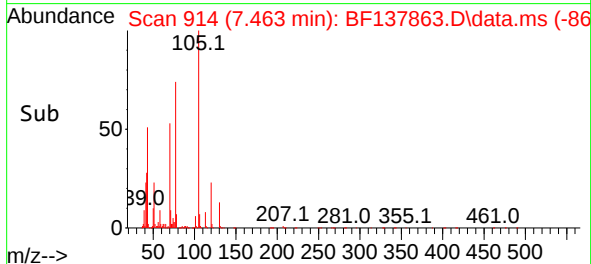
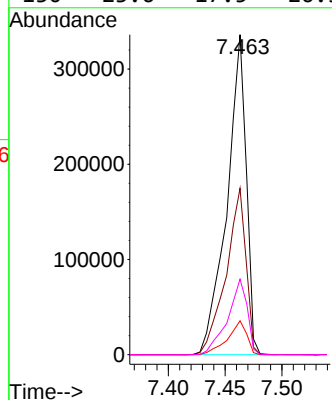
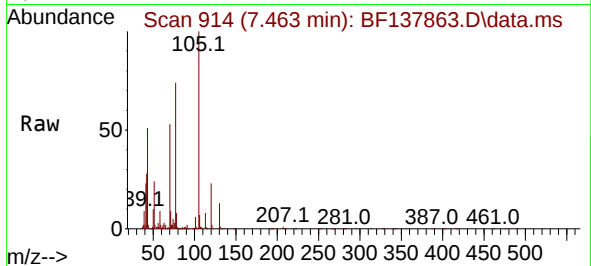




#19
n-Nitroso-di-n-propylamine
Concen: 44.298 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

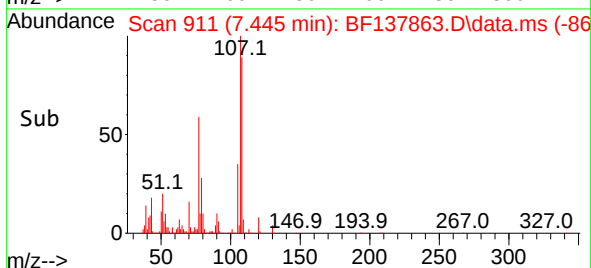
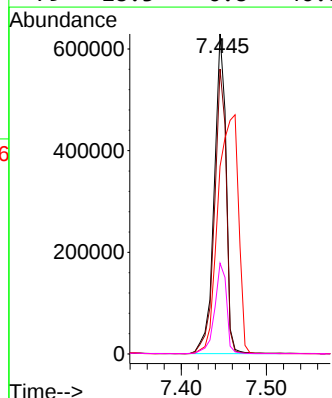
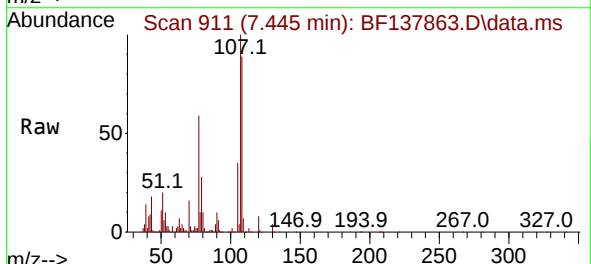
Instrument :
BNA_F
ClientSampleId :
PB160815BS

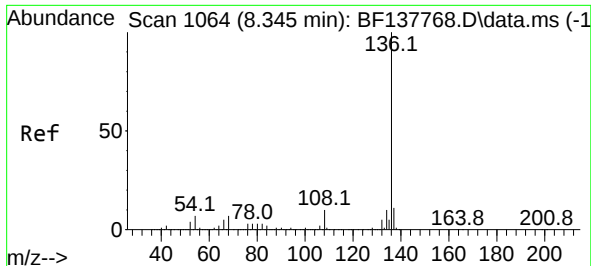
Tgt Ion:	70	Resp:	396289
Ion	Ratio	Lower	Upper
70	100		
42	52.0	44.6	66.8
101	10.6	7.8	11.6
130	23.6	17.5	26.3



#20
3+4-Methylphenols
Concen: 44.391 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:	107	Resp:	606101
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.3	109.3
77	58.6	15.7	55.7#
79	28.3	6.8	46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

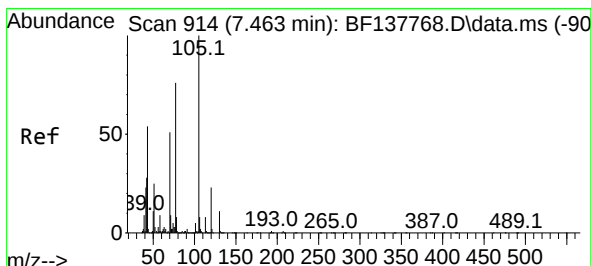
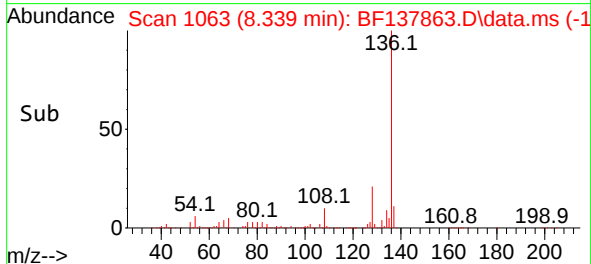
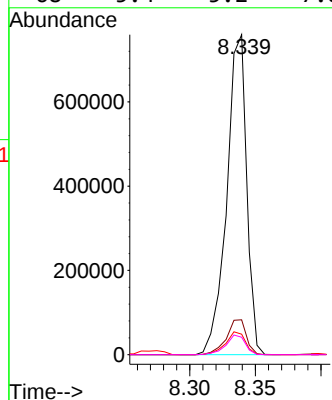
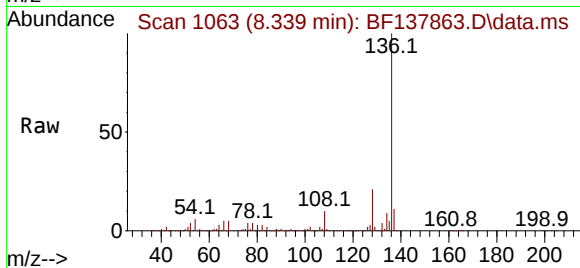
Instrument :

BNA_F

ClientSampleId :

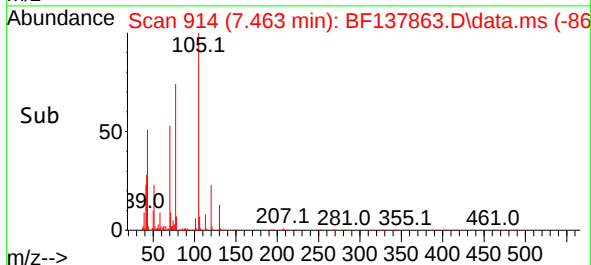
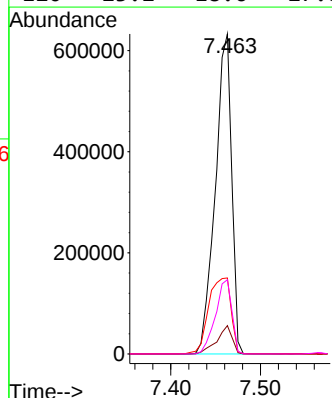
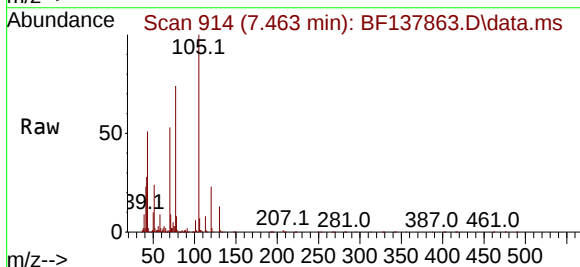
PB160815BS

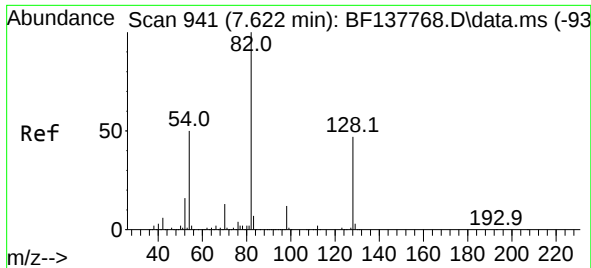
Tgt Ion:136 Resp: 802265
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.8 8.8
68 5.4 5.2 7.8



#22
Acetophenone
Concen: 44.259 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:105 Resp: 798579
Ion Ratio Lower Upper
105 100
71 8.9 6.9 10.3
51 23.7 20.2 30.2
120 23.2 18.6 27.8

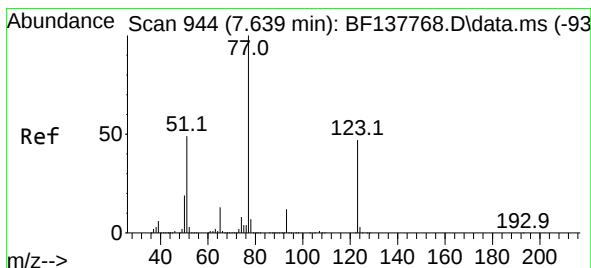
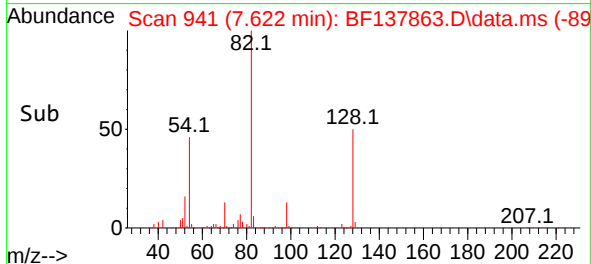
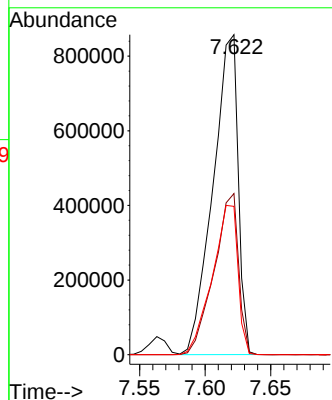
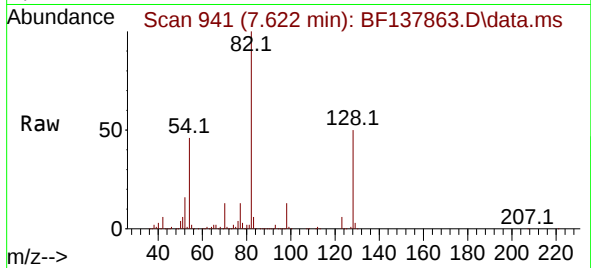




#23
Nitrobenzene-d5
Concen: 82.715 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

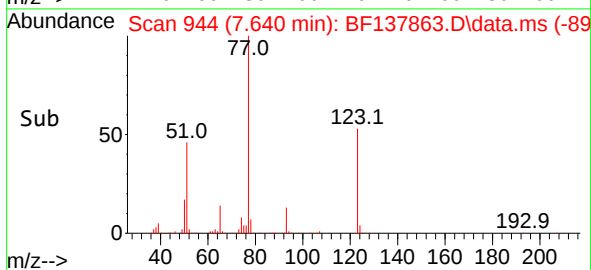
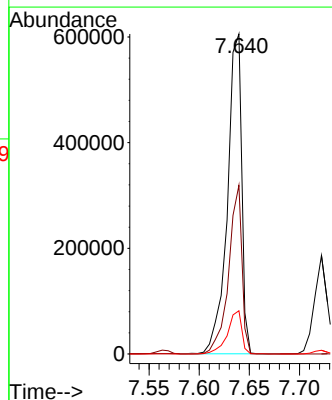
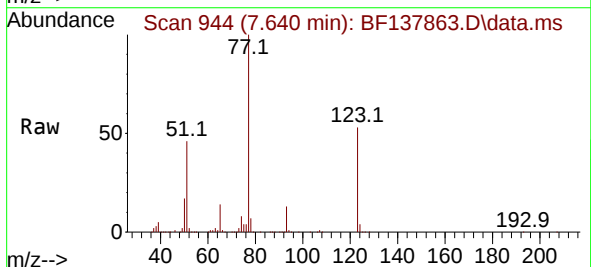
Instrument :
BNA_F
ClientSampleId :
PB160815BS

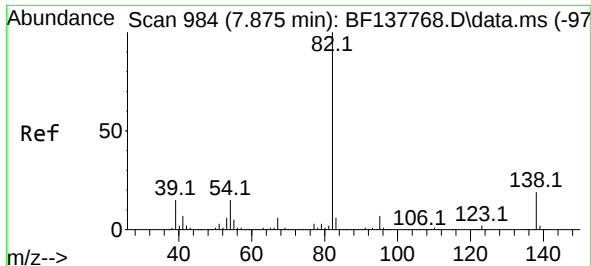
Tgt Ion: 82 Resp: 1142193
Ion Ratio Lower Upper
82 100
128 50.4 37.5 56.3
54 46.4 39.8 59.6



#24
Nitrobenzene
Concen: 42.228 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 77 Resp: 600986
Ion Ratio Lower Upper
77 100
123 52.7 37.4 56.2
65 13.5 10.7 16.1

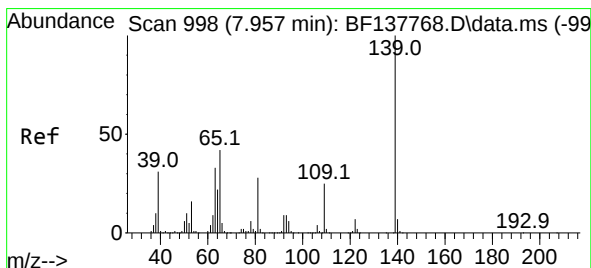
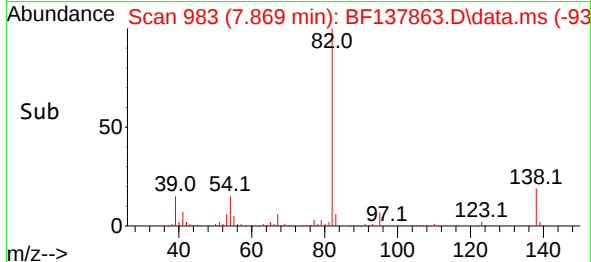
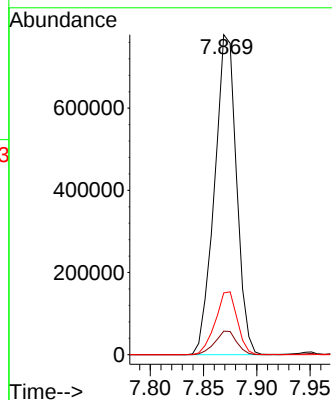
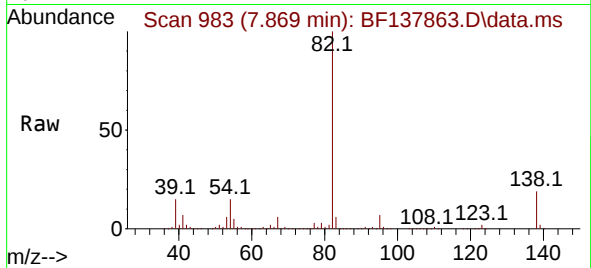




#25
Isophorone
Concen: 44.879 ng
RT: 7.869 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

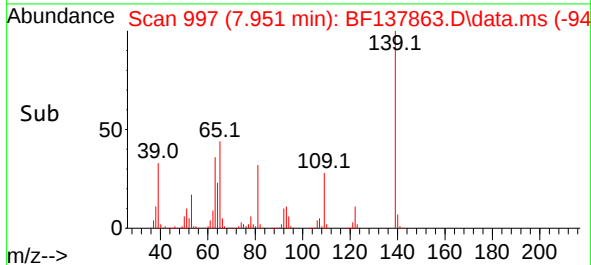
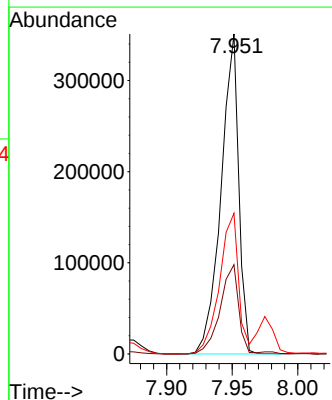
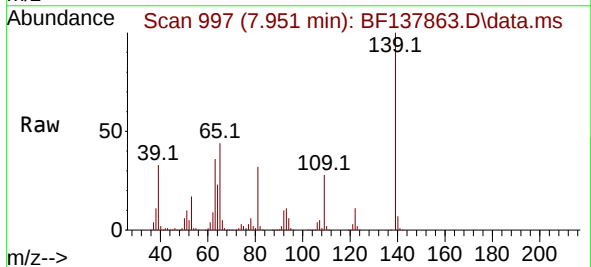
Instrument :
BNA_F
ClientSampleId :
PB160815BS

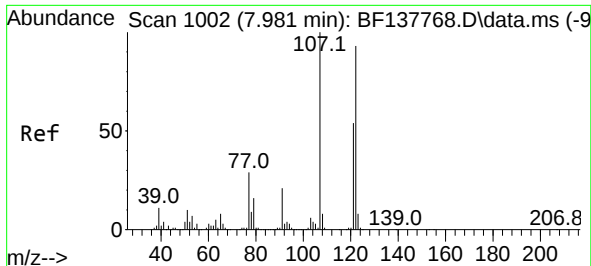
Tgt Ion: 82 Resp: 1117373
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 51.020 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:139 Resp: 328817
Ion Ratio Lower Upper
139 100
109 27.9 20.2 30.2
65 43.9 33.4 50.0

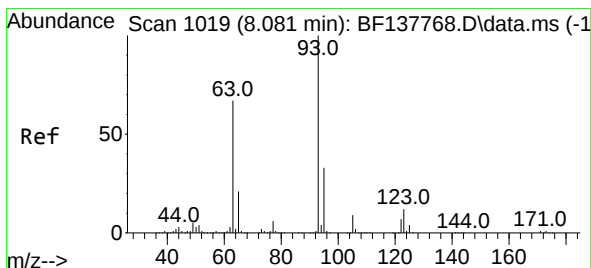
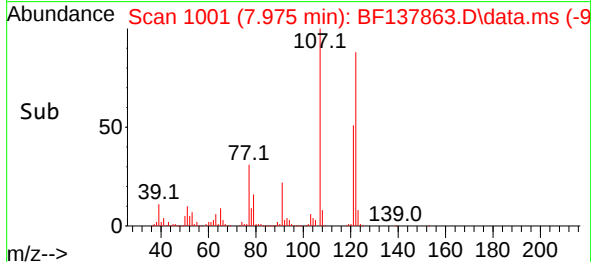
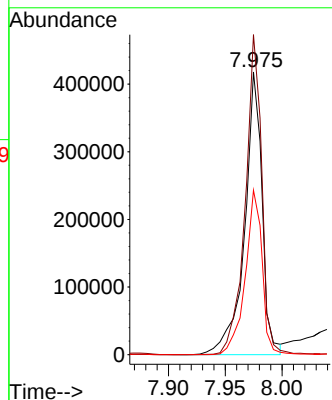
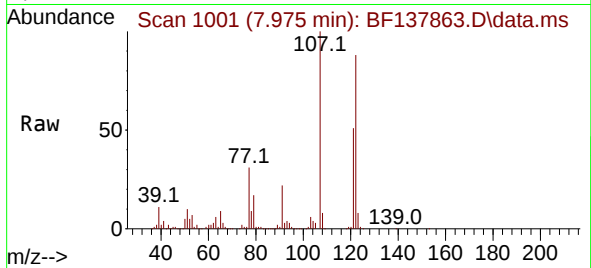




#27
2,4-Dimethylphenol
Concen: 48.288 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

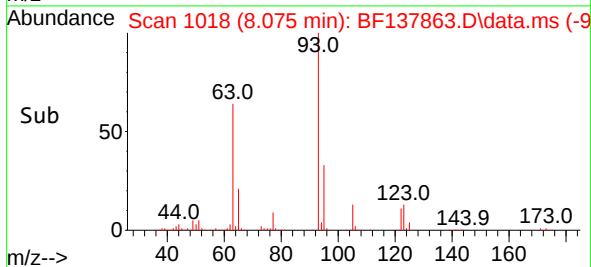
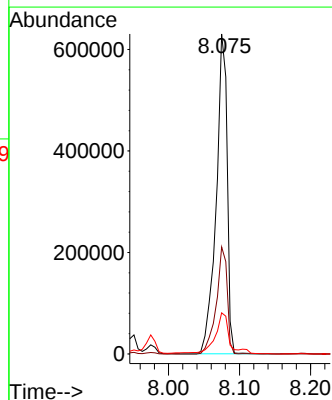
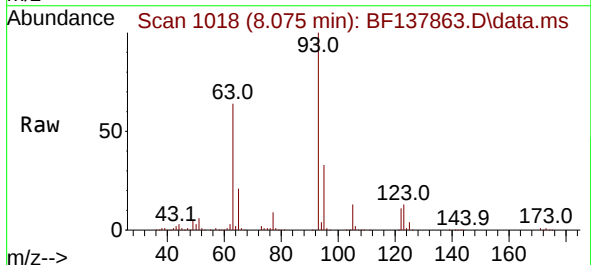
Instrument :
BNA_F
ClientSampleId :
PB160815BS

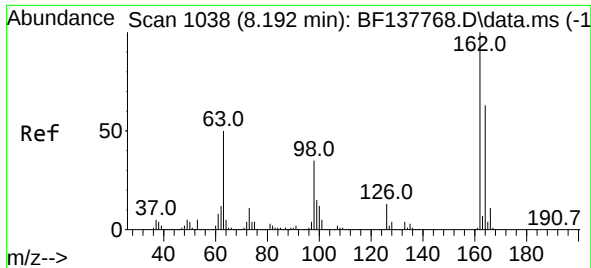
Tgt Ion:122 Resp: 448035
Ion Ratio Lower Upper
122 100
107 113.2 85.8 128.8
121 58.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.861 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 93 Resp: 676256
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.243 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

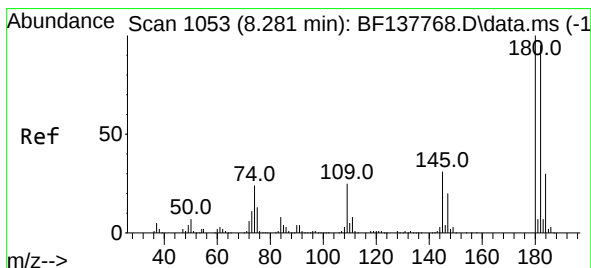
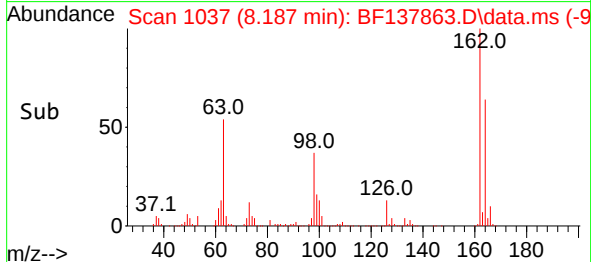
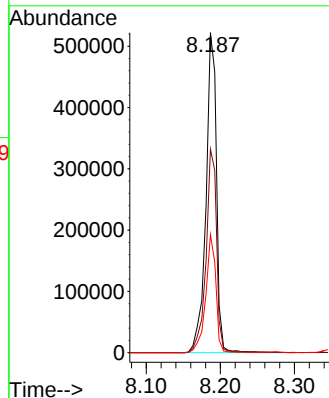
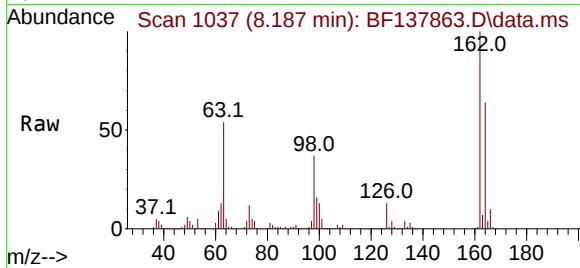
Tgt Ion:162 Resp: 518604

Ion Ratio Lower Upper

162 100

164 63.6 43.5 83.5

98 36.9 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.362 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

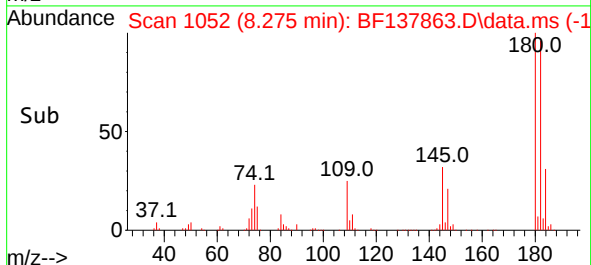
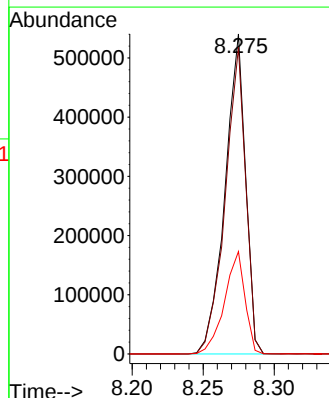
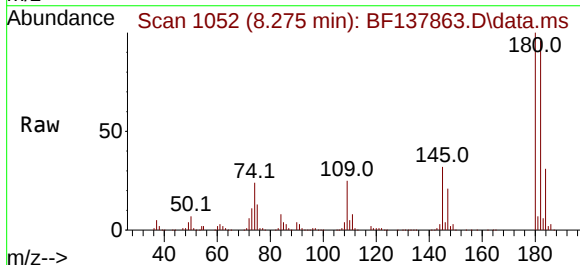
Tgt Ion:180 Resp: 542353

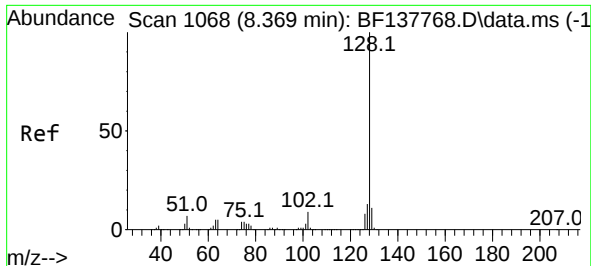
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 32.0 25.1 37.7

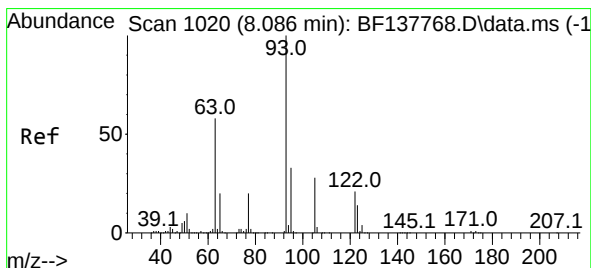
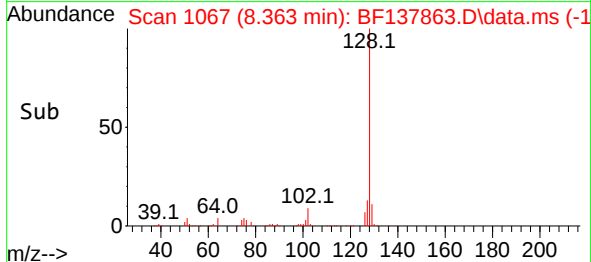
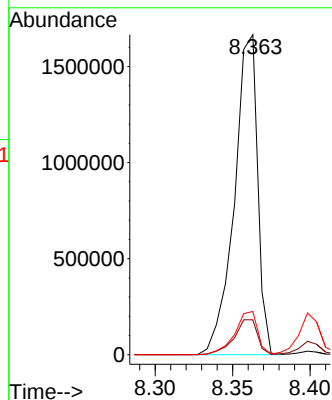
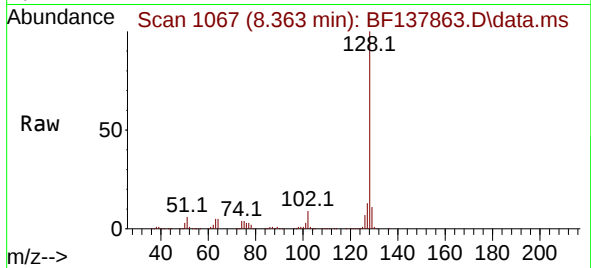




#31
Naphthalene
Concen: 43.685 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

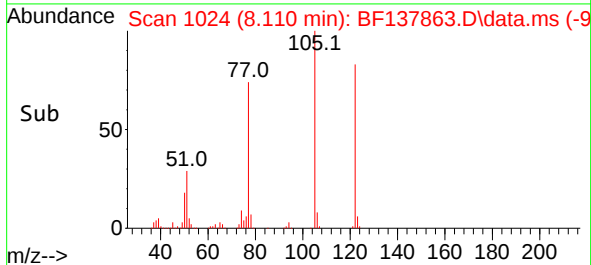
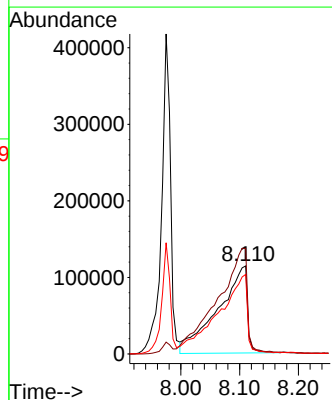
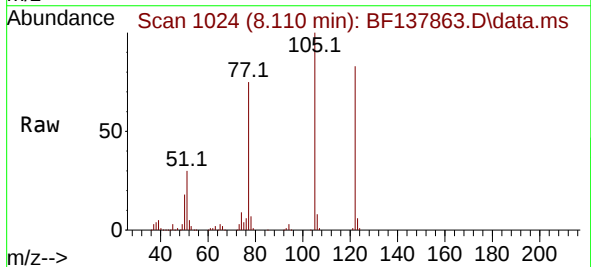
Instrument :
BNA_F
ClientSampleId :
PB160815BS

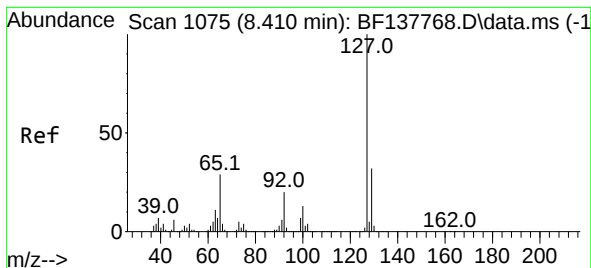
Tgt Ion:128 Resp: 1741672
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 49.275 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.024 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:122 Resp: 394421
Ion Ratio Lower Upper
122 100
105 120.1 105.3 145.3
77 90.4 73.2 113.2





#33

4-Chloroaniline

Concen: 14.569 ng

RT: 8.398 min Scan# 1073

Delta R.T. -0.012 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

Tgt Ion:127 Resp: 215397

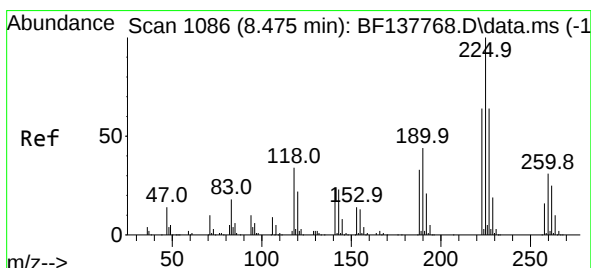
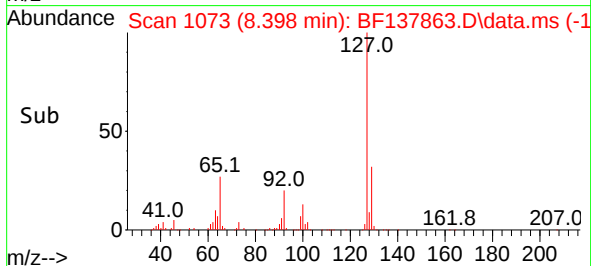
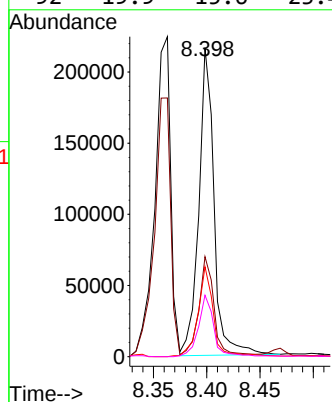
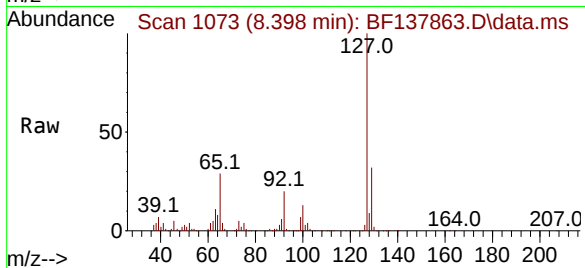
Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 29.1 23.4 35.2

92 19.9 15.6 23.4



#34

Hexachlorobutadiene

Concen: 44.829 ng

RT: 8.469 min Scan# 1085

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

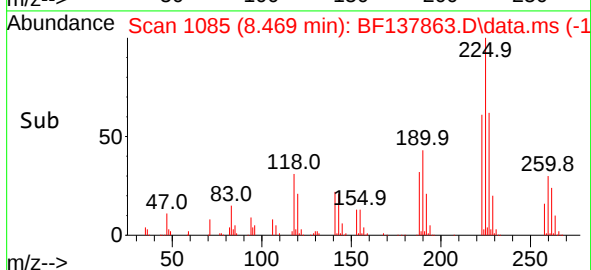
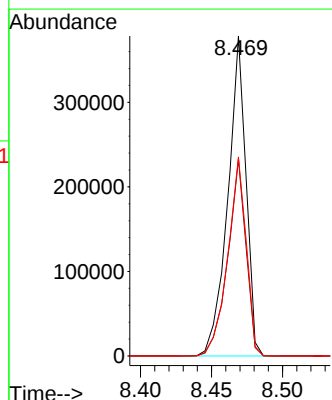
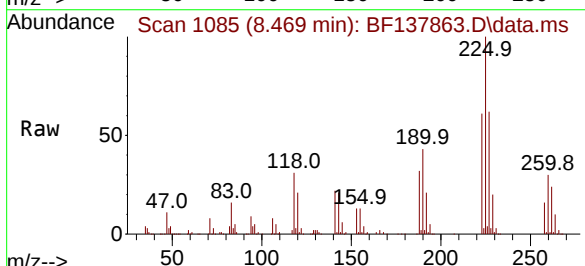
Tgt Ion:225 Resp: 336489

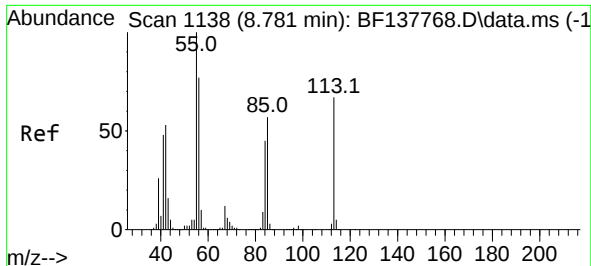
Ion Ratio Lower Upper

225 100

223 61.5 51.1 76.7

227 62.2 51.4 77.0

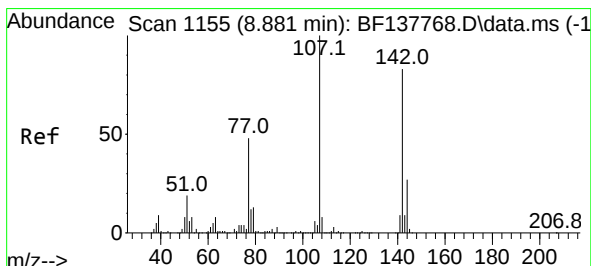
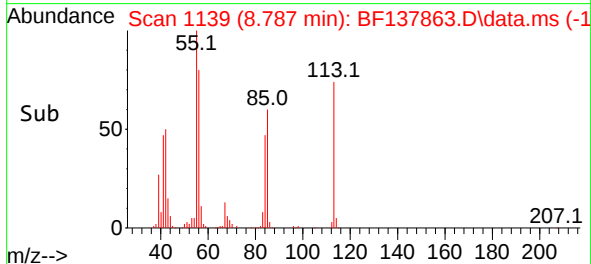
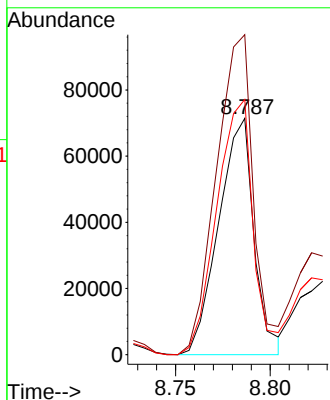
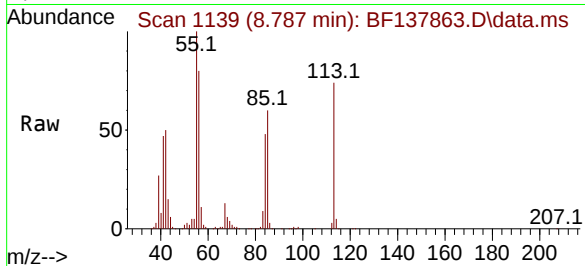




#35
Caprolactam
Concen: 26.062 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

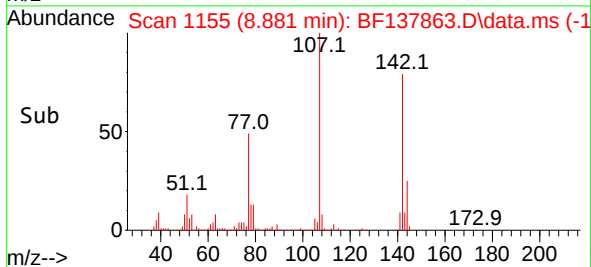
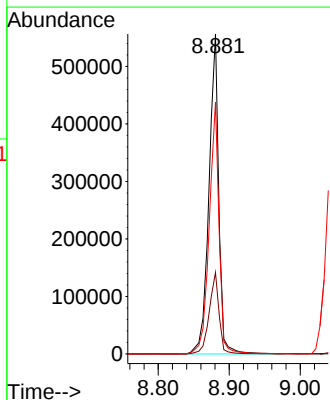
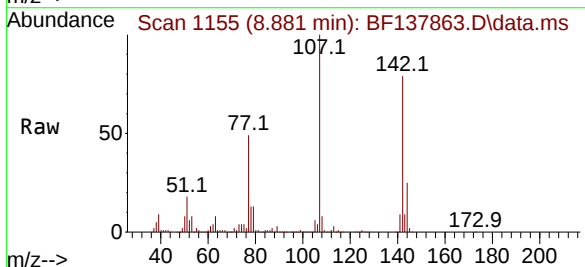
Instrument :
BNA_F
ClientSampleId :
PB160815BS

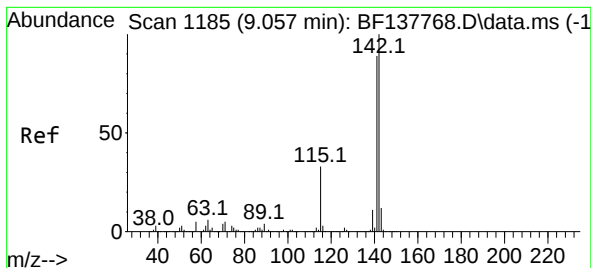
Tgt Ion:113 Resp: 92607
Ion Ratio Lower Upper
113 100
55 135.4 128.7 168.7
56 108.0 93.9 133.9



#36
4-Chloro-3-methylphenol
Concen: 46.078 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:107 Resp: 538884
Ion Ratio Lower Upper
107 100
144 25.5 21.4 32.0
142 78.7 66.2 99.2





#37

2-Methylnaphthalene

Concen: 44.313 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

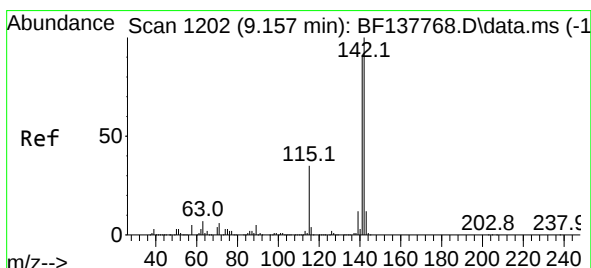
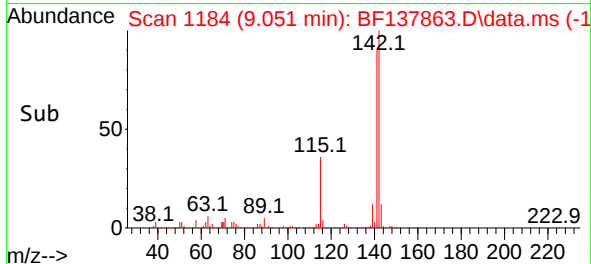
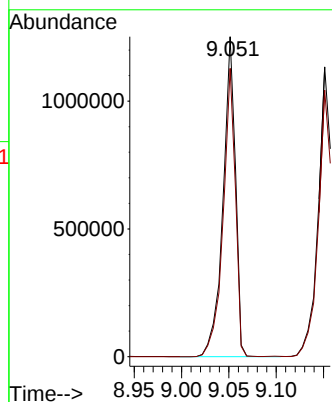
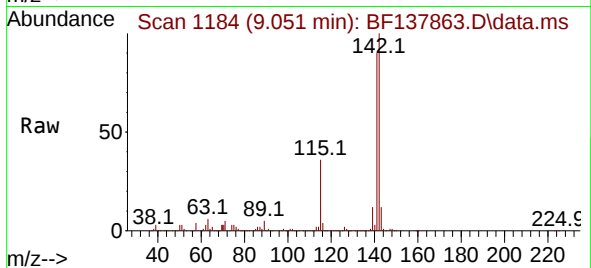
PB160815BS

Tgt Ion:142 Resp: 1143607

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.979 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137863.D

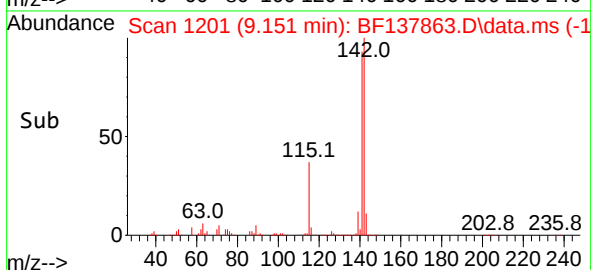
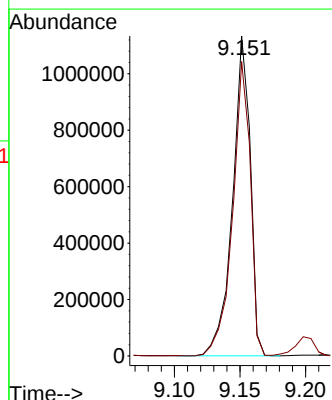
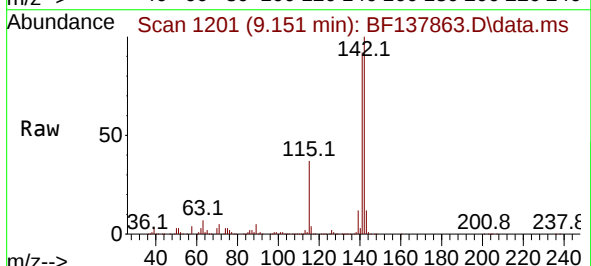
Acq: 09 May 2024 14:43

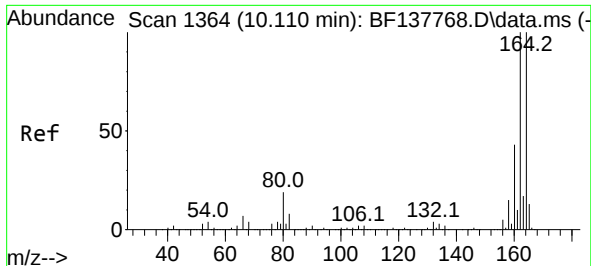
Tgt Ion:142 Resp: 1065851

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

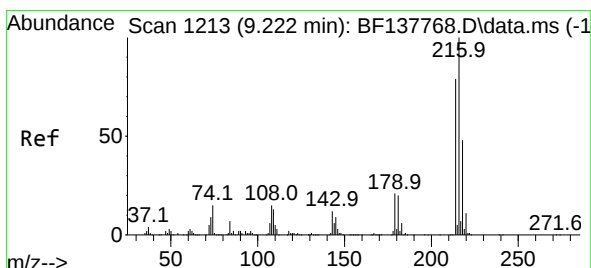
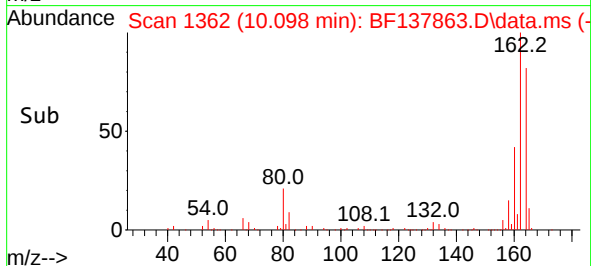
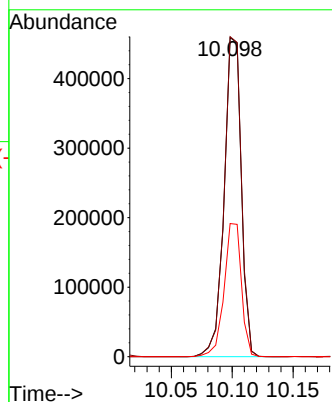
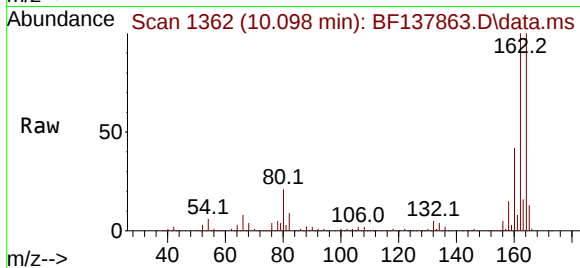
Tgt Ion:164 Resp: 451088

Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.6

160 41.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.209 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Tgt Ion:216 Resp: 552080

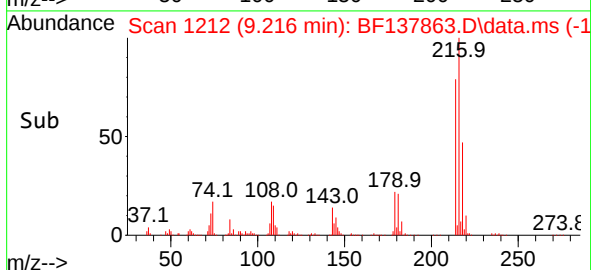
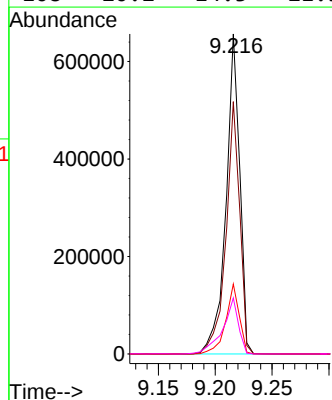
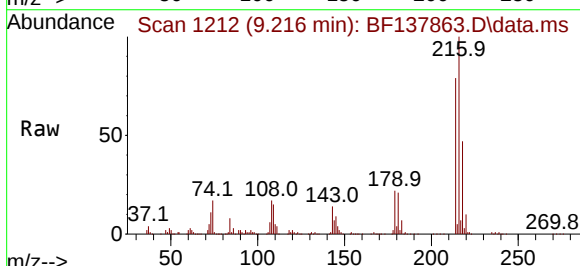
Ion Ratio Lower Upper

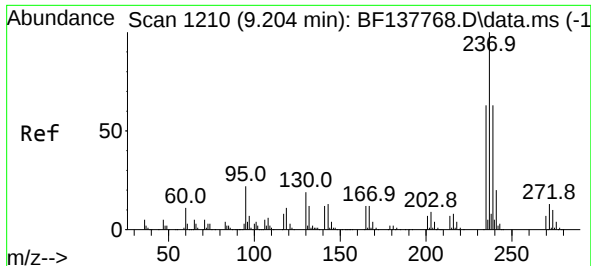
216 100

214 78.8 63.3 94.9

179 21.6 16.8 25.2

108 20.2 14.3 21.5

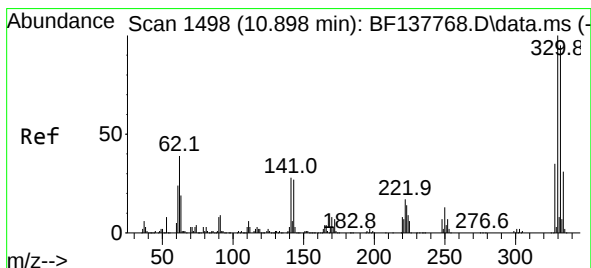
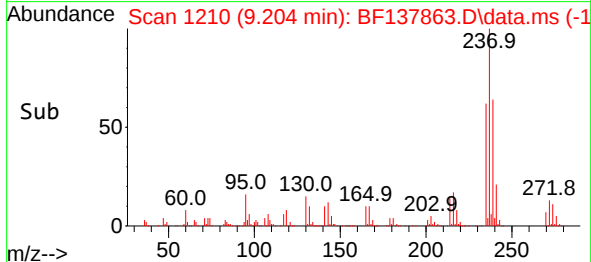
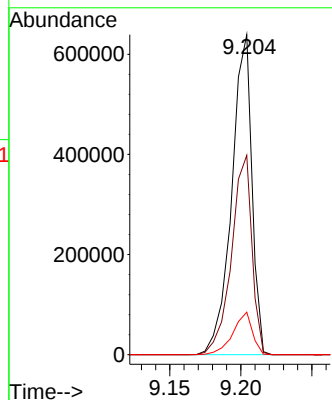
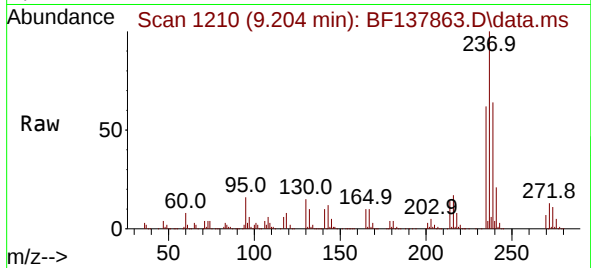




#41
Hexachlorocyclopentadiene
Concen: 130.492 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

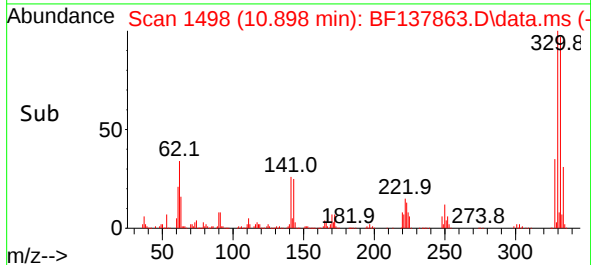
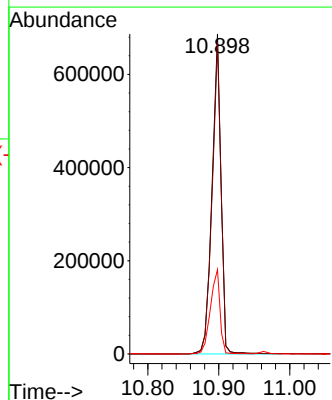
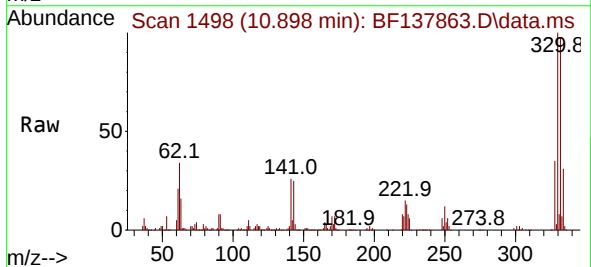
Instrument :
BNA_F
ClientSampleId :
PB160815BS

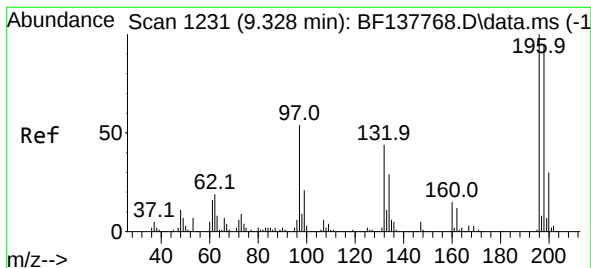
Tgt Ion:237 Resp: 633243
Ion Ratio Lower Upper
237 100
235 62.3 43.0 83.0
272 13.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 131.671 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:330 Resp: 606440
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 28.2 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 47.009 ng

RT: 9.328 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

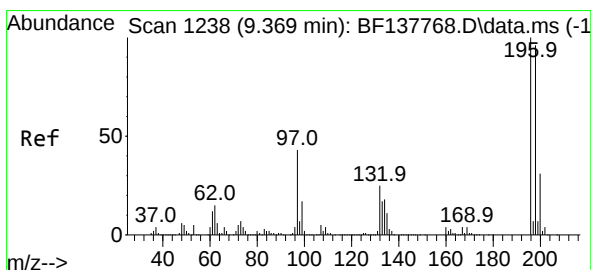
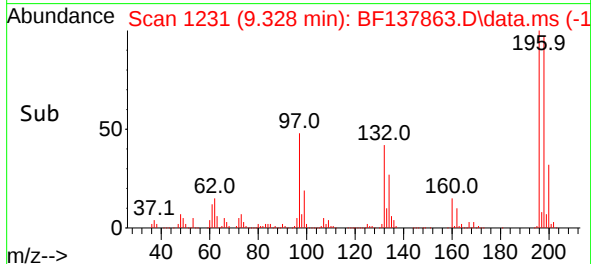
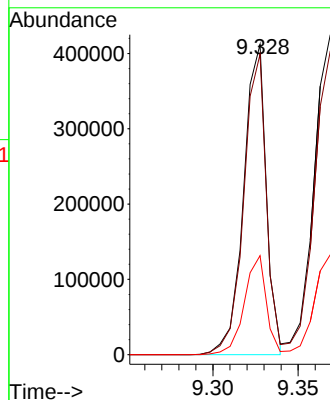
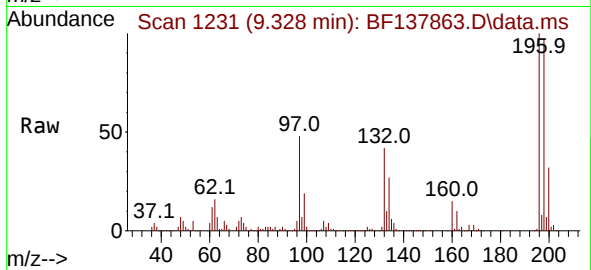
Tgt Ion:196 Resp: 382303

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.4

200 31.9 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 45.303 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Tgt Ion:196 Resp: 406822

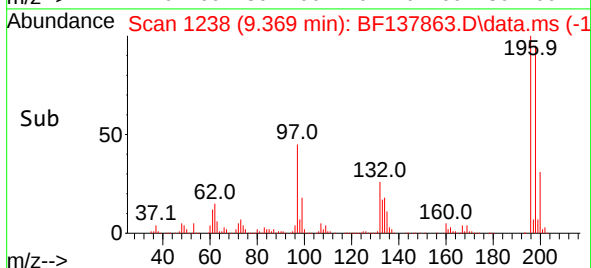
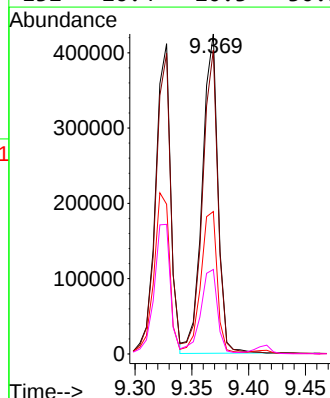
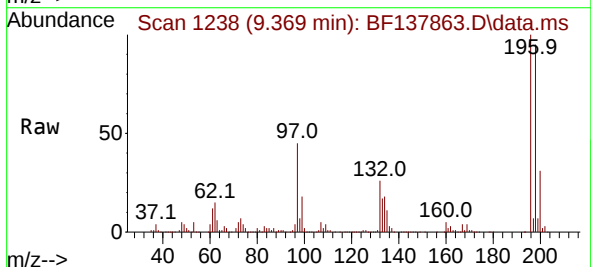
Ion Ratio Lower Upper

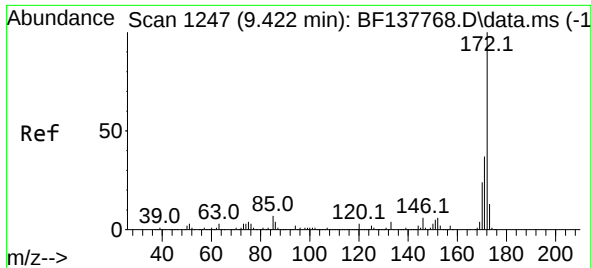
196 100

198 95.0 76.6 114.8

97 44.5 34.5 51.7

132 26.4 20.3 30.5

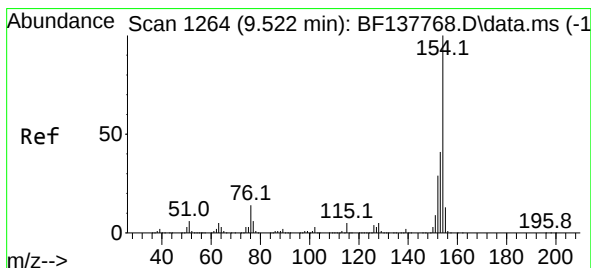
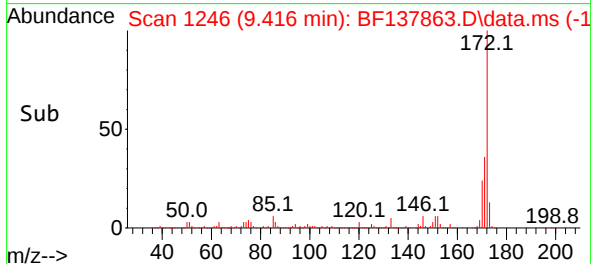
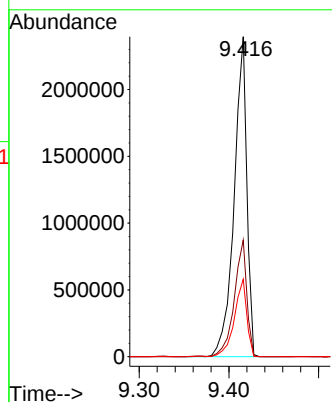
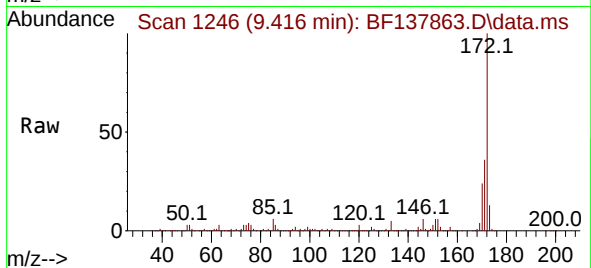




#45
2-Fluorobiphenyl
Concen: 84.492 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

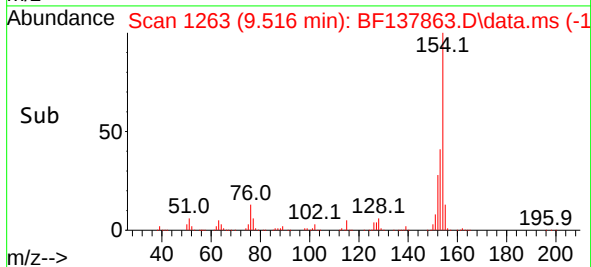
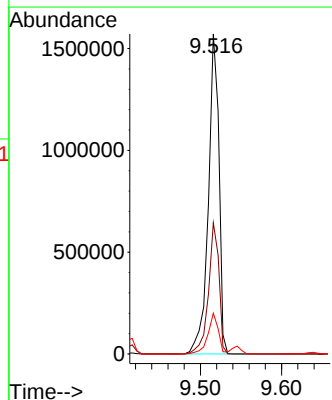
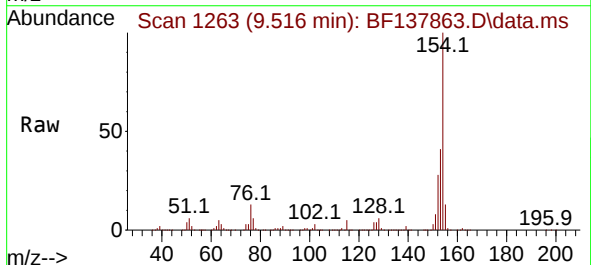
Instrument :
BNA_F
ClientSampleId :
PB160815BS

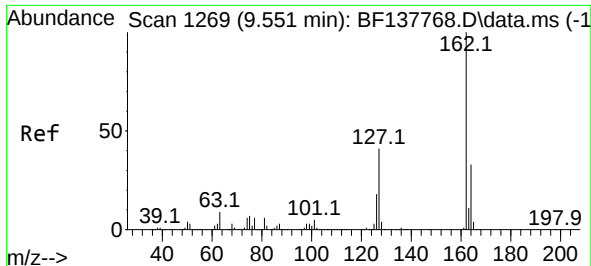
Tgt Ion:172 Resp: 2349242
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 45.811 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:154 Resp: 1418189
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 12.8 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.289 ng

RT: 9.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

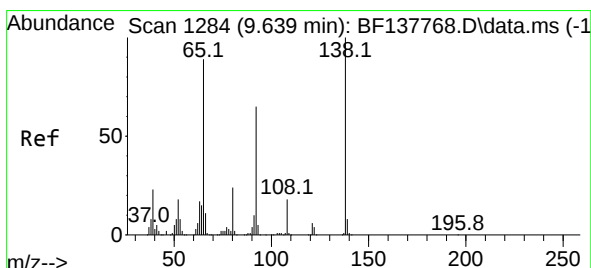
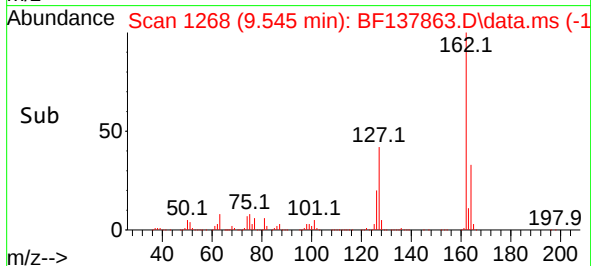
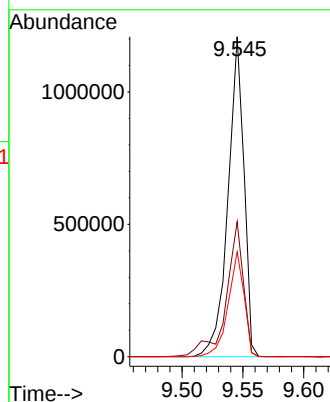
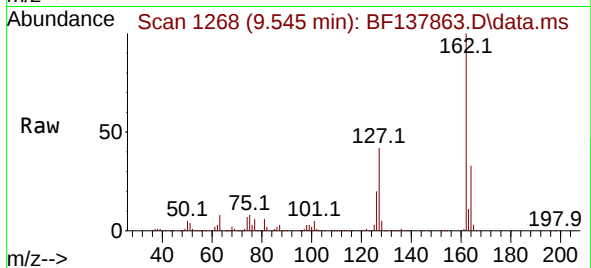
Tgt Ion:162 Resp: 1106918

Ion Ratio Lower Upper

162 100

127 42.2 32.6 49.0

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 45.291 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

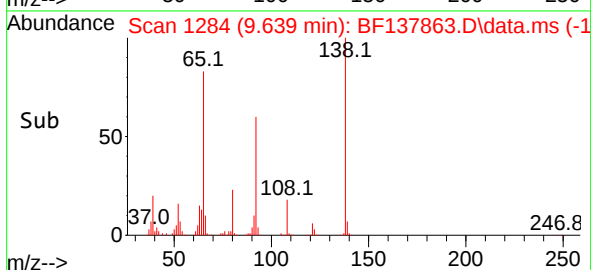
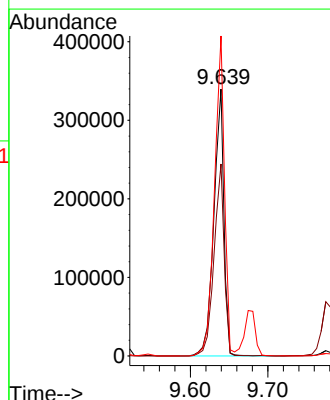
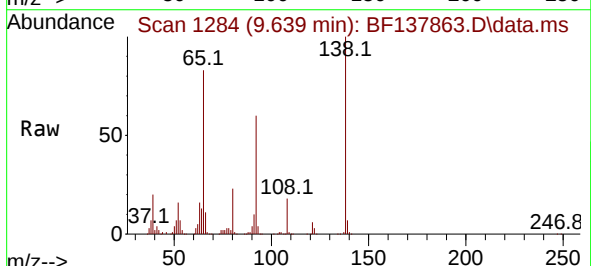
Tgt Ion: 65 Resp: 307003

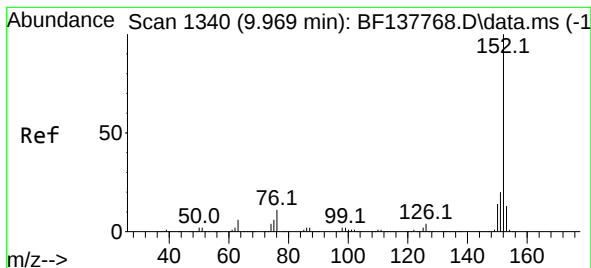
Ion Ratio Lower Upper

65 100

92 72.0 58.6 88.0

138 119.9 90.3 135.5





#49

Acenaphthylene

Concen: 47.593 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

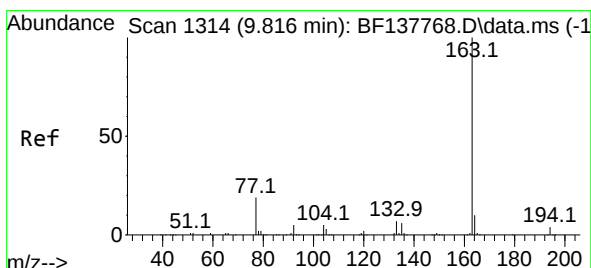
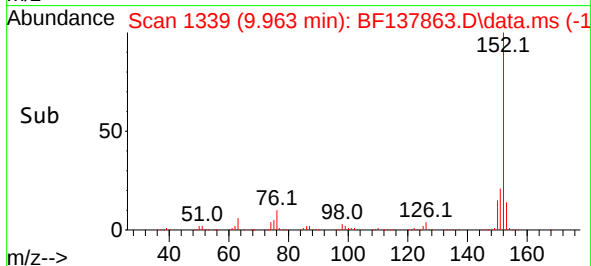
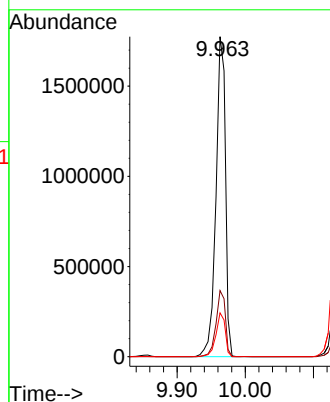
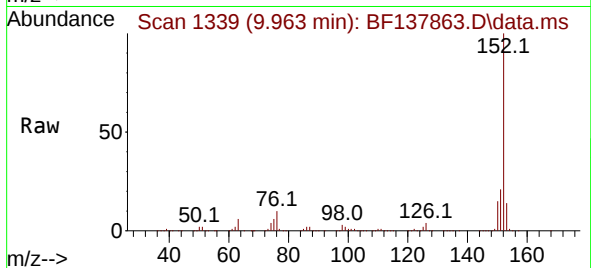
Tgt Ion:152 Resp: 1720717

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 46.586 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

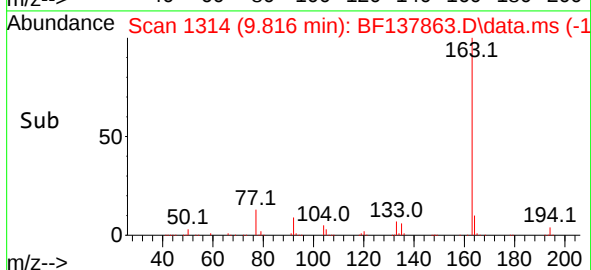
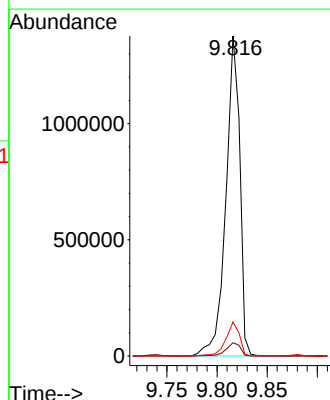
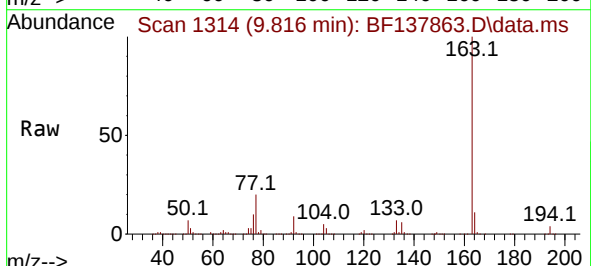
Tgt Ion:163 Resp: 1326614

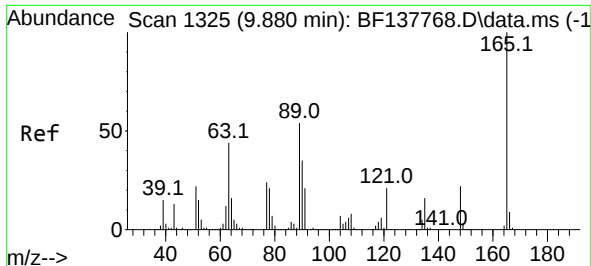
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.3 12.5

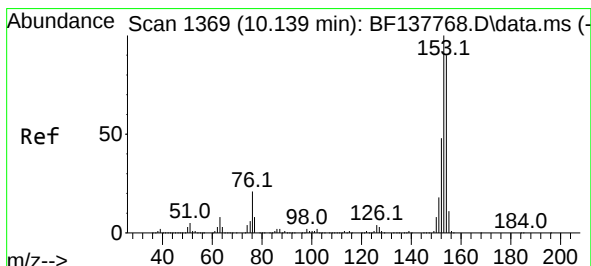
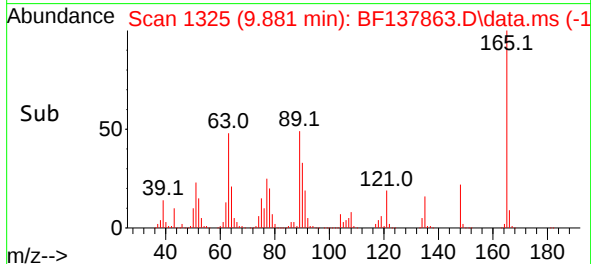
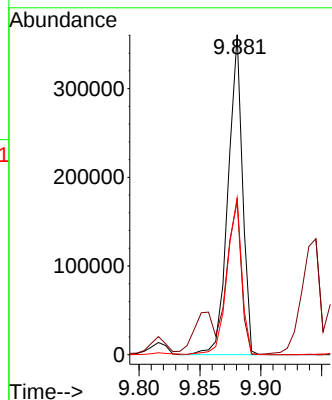
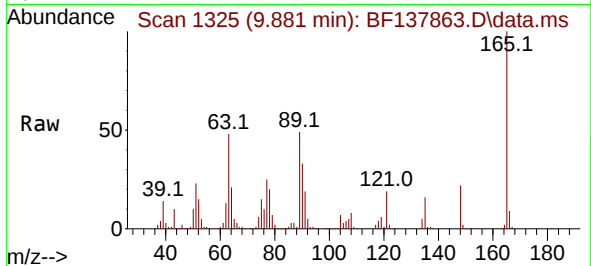




#51
2,6-Dinitrotoluene
Concen: 45.613 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

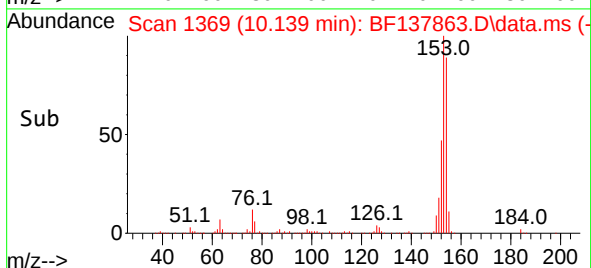
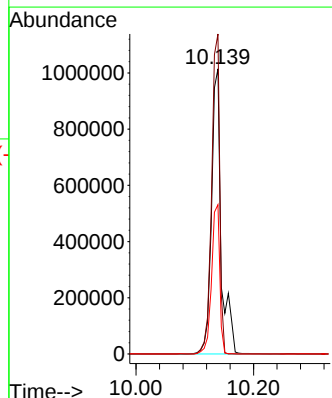
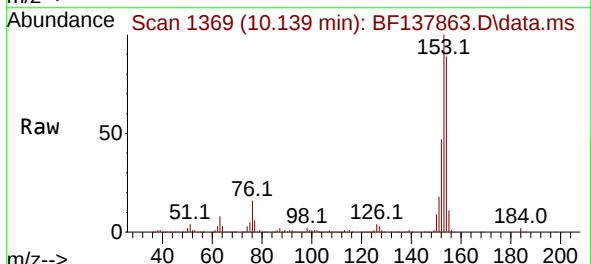
Instrument :
BNA_F
ClientSampleId :
PB160815BS

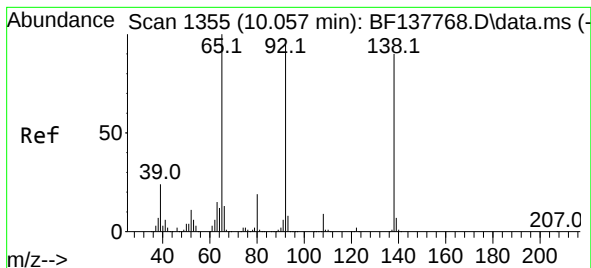
Tgt Ion:165 Resp: 296842
Ion Ratio Lower Upper
165 100
63 47.9 41.9 62.9
89 49.0 43.2 64.8



#52
Acenaphthene
Concen: 48.786 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:154 Resp: 1169149
Ion Ratio Lower Upper
154 100
153 112.2 88.7 133.1
152 52.4 42.8 64.2





#53

3-Nitroaniline

Concen: 29.642 ng

RT: 10.051 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

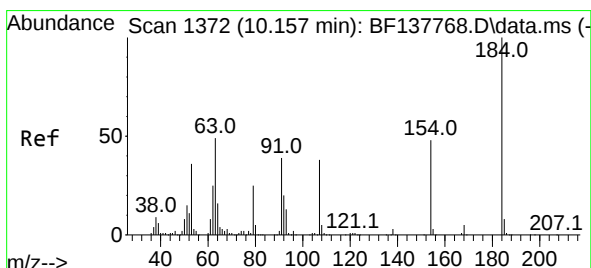
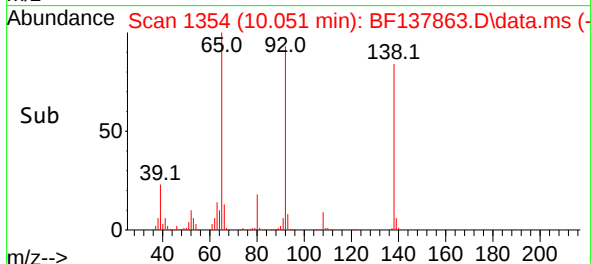
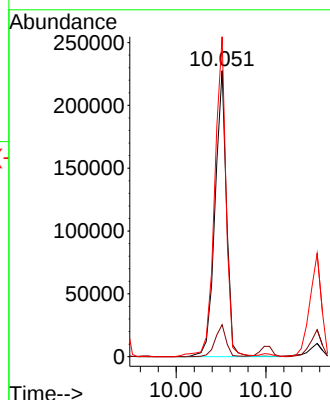
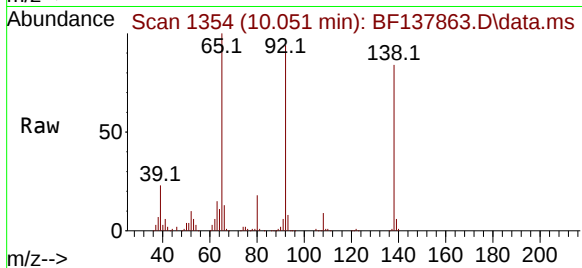
Tgt Ion:138 Resp: 202012

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

92 111.9 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 100.798 ng

RT: 10.157 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

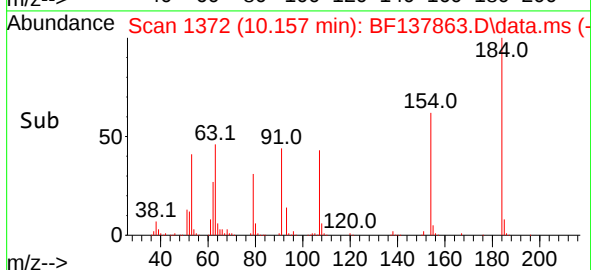
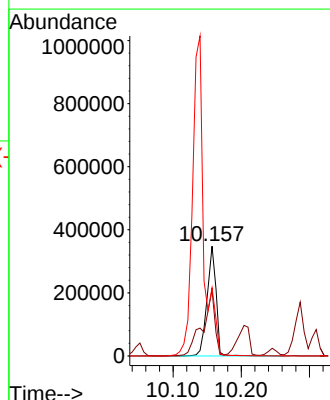
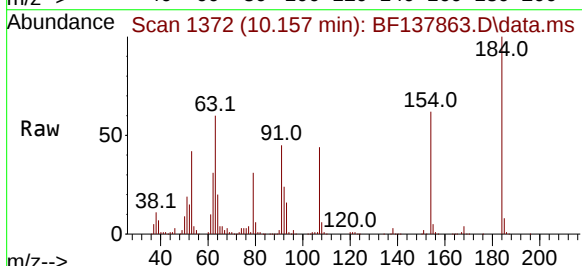
Tgt Ion:184 Resp: 322318

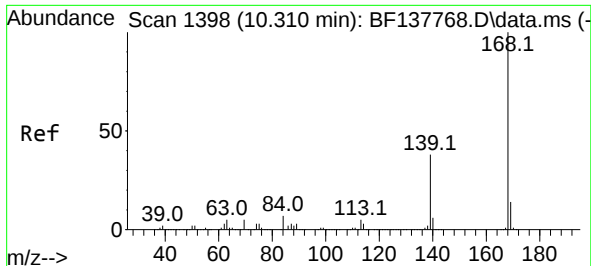
Ion Ratio Lower Upper

184 100

63 60.1 40.3 60.5

154 62.1 45.2 67.8

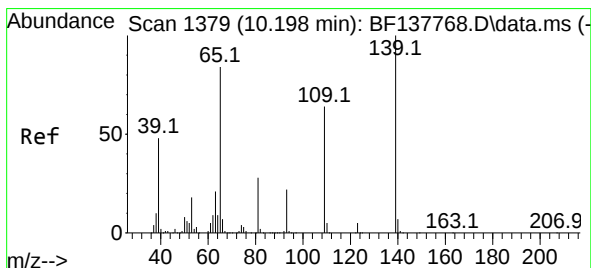
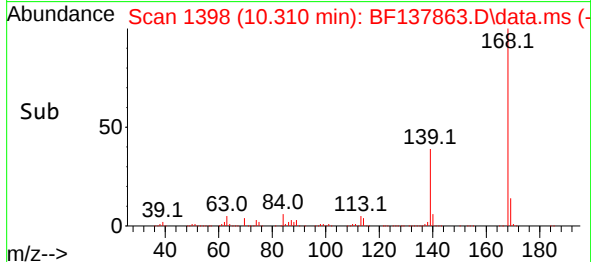
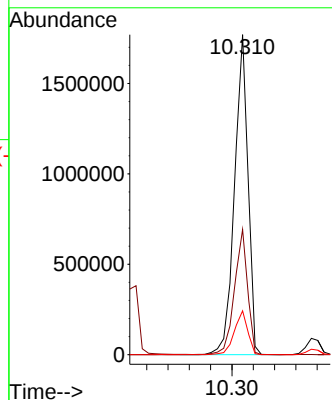
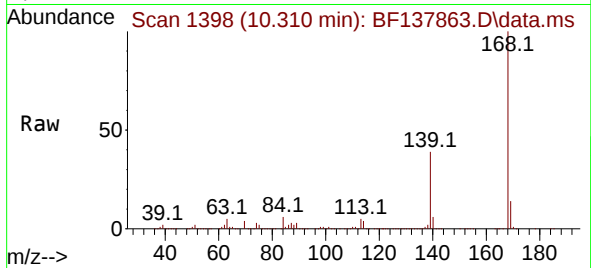




#55
Dibenzofuran
Concen: 44.467 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

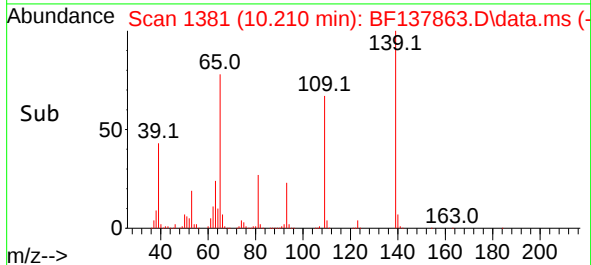
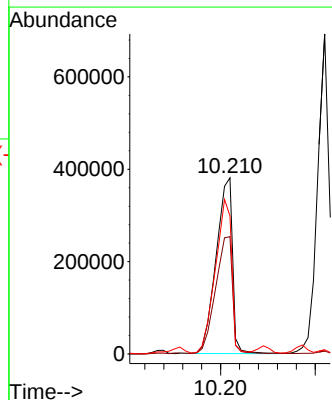
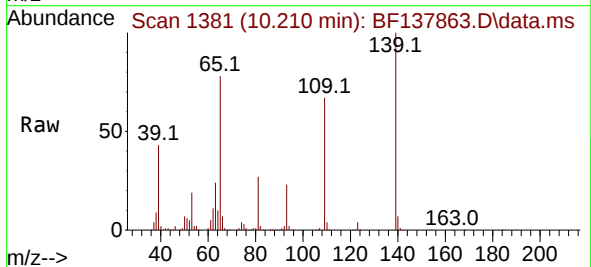
Instrument :
BNA_F
ClientSampleId :
PB160815BS

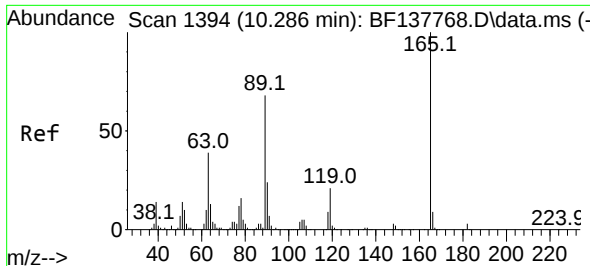
Tgt Ion:168 Resp: 1550782
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.4
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 81.107 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:139 Resp: 458120
Ion Ratio Lower Upper
139 100
109 66.6 44.0 84.0
65 78.4 64.3 104.3

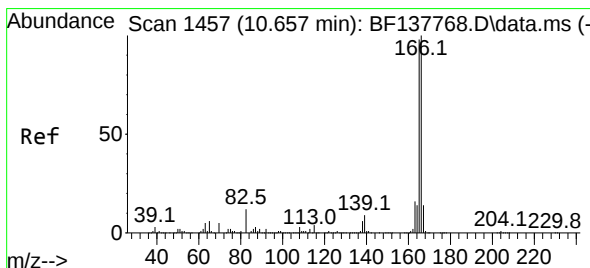
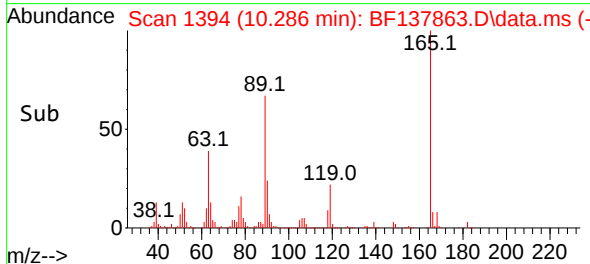
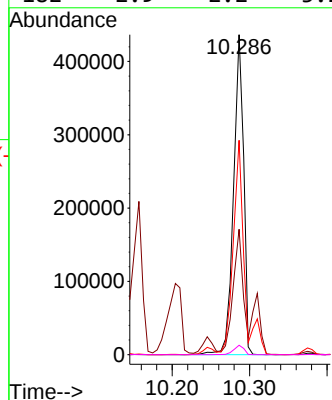
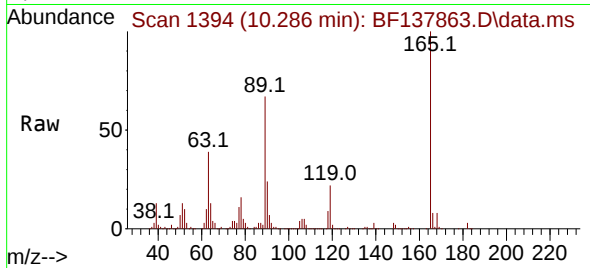




#57
2,4-Dinitrotoluene
Concen: 46.555 ng
RT: 10.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

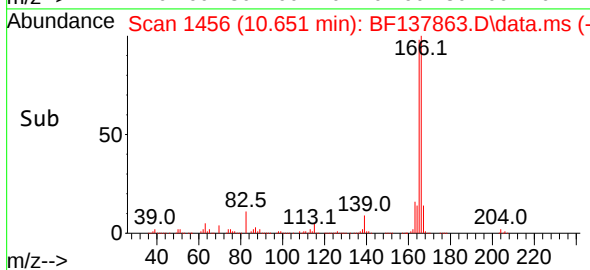
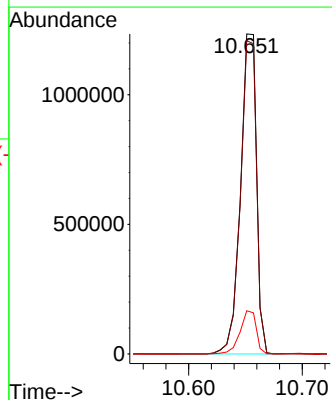
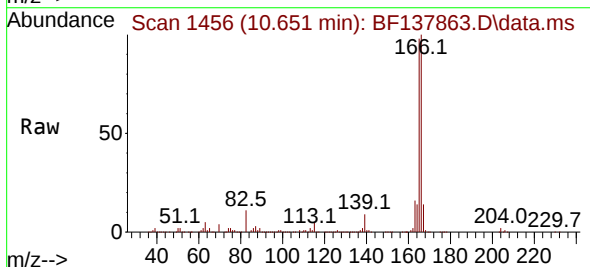
Instrument :
BNA_F
ClientSampleId :
PB160815BS

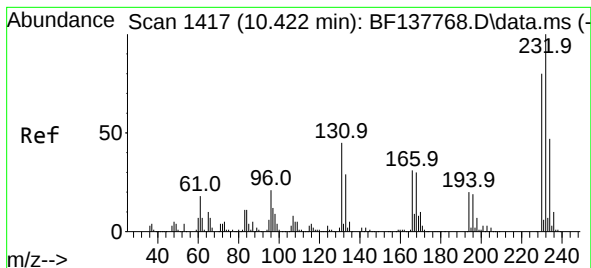
Tgt Ion:165 Resp: 395814
Ion Ratio Lower Upper
165 100
63 39.2 31.3 46.9
89 67.0 54.2 81.4
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.716 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:166 Resp: 1213343
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.9 16.3

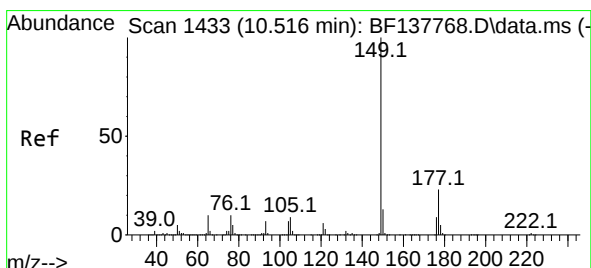
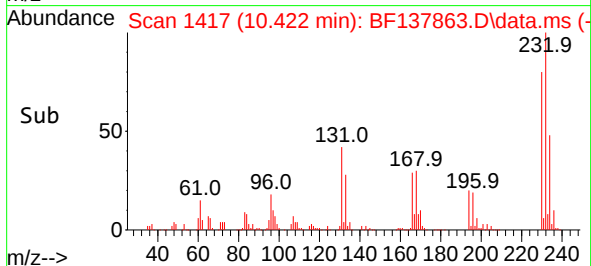
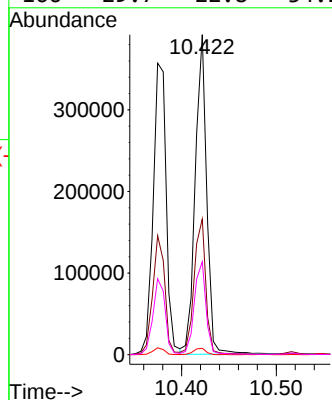
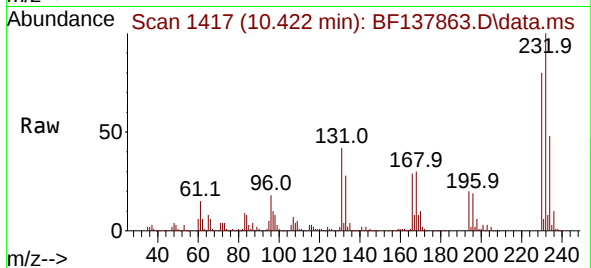




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.505 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

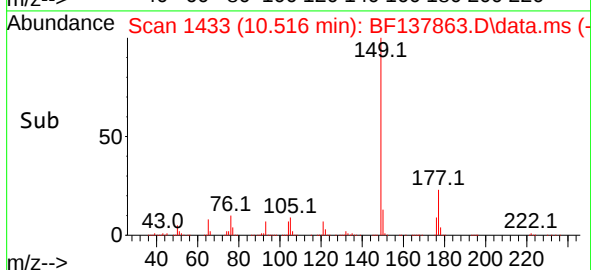
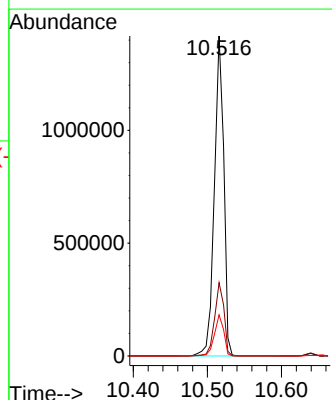
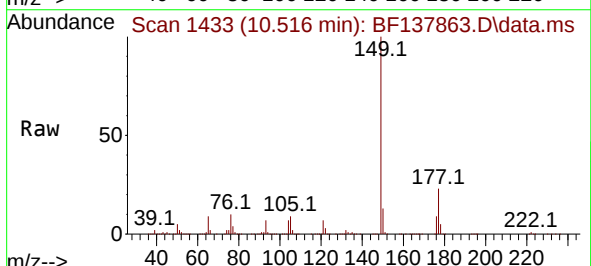
Instrument :
BNA_F
ClientSampleId :
PB160815BS

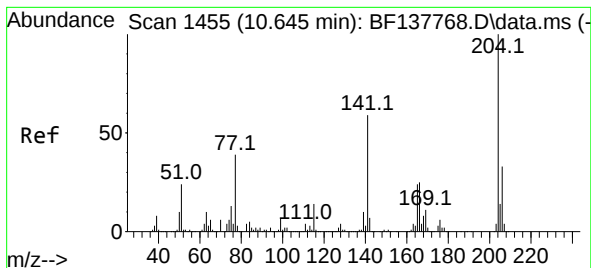
Tgt Ion:232 Resp: 331753
Ion Ratio Lower Upper
232 100
131 43.1 33.4 50.0
130 2.2 1.7 2.5
166 29.7 22.8 34.2



#60
Diethylphthalate
Concen: 46.079 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:149 Resp: 1246235
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.9 10.5 15.7

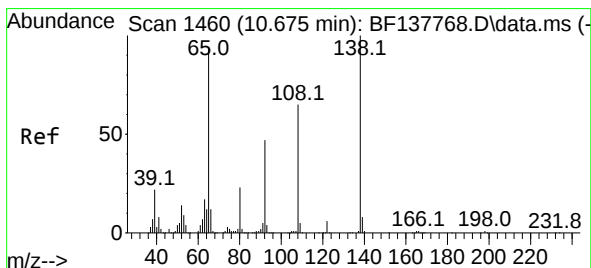
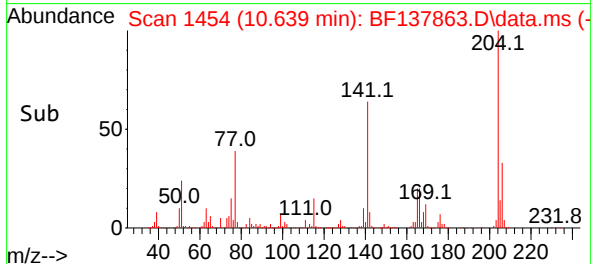
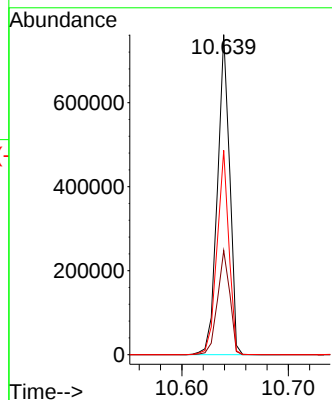
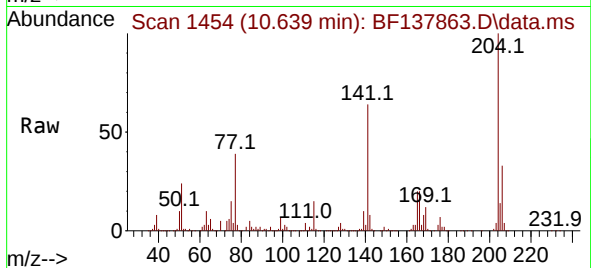




#61
4-Chlorophenyl-phenylether
Concen: 44.306 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

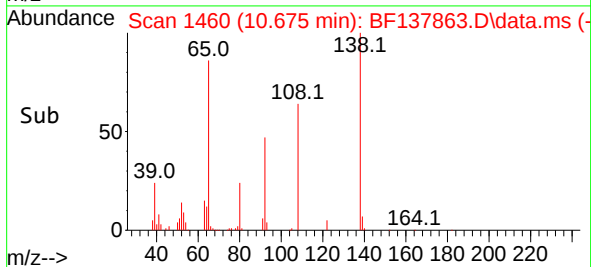
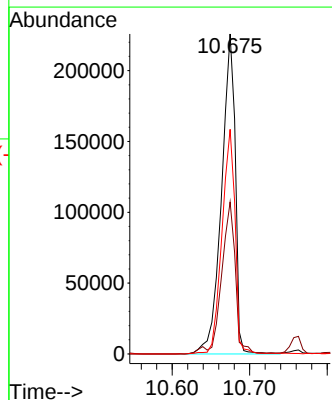
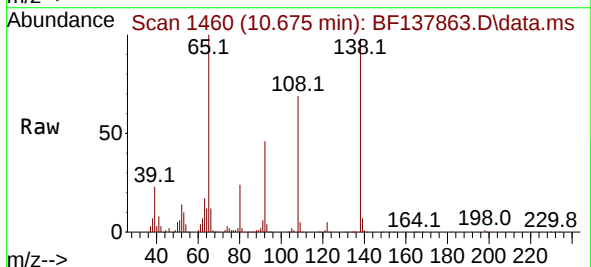
Instrument :
BNA_F
ClientSampleId :
PB160815BS

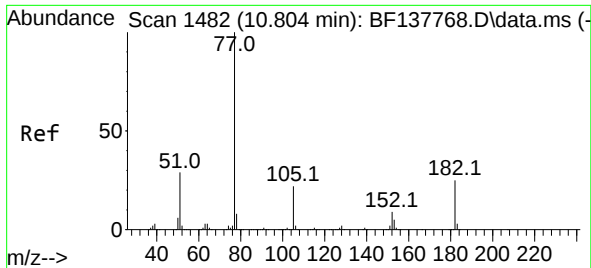
Tgt Ion:204 Resp: 605910
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 63.8 47.0 70.6



#62
4-Nitroaniline
Concen: 40.344 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:138 Resp: 278883
Ion Ratio Lower Upper
138 100
92 47.5 26.8 66.8
108 70.2 44.7 84.7



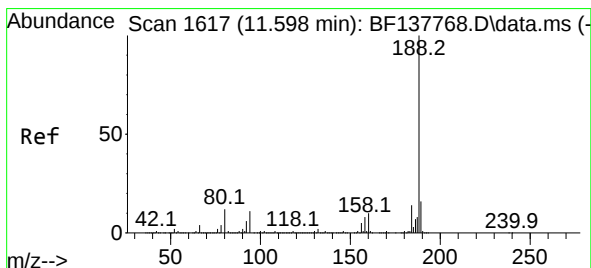
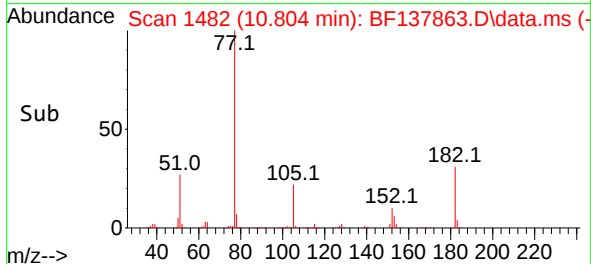
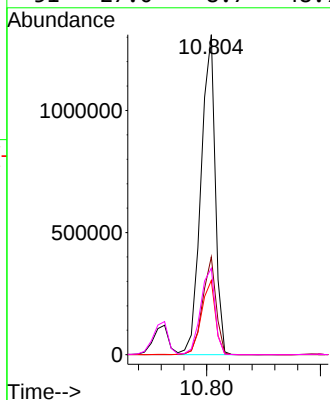
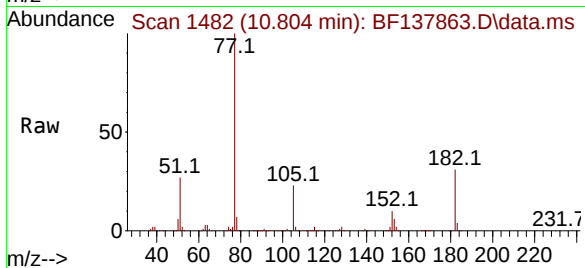


#63
Azobenzene
Concen: 43.503 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
PB160815BS

Tgt Ion: 77 Resp: 1137156

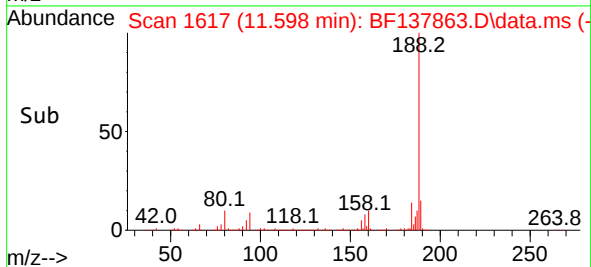
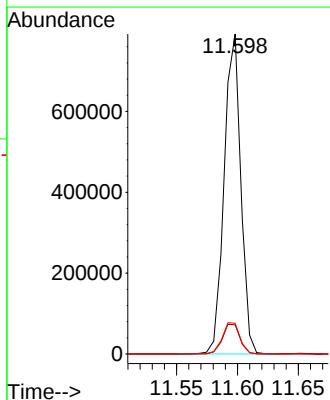
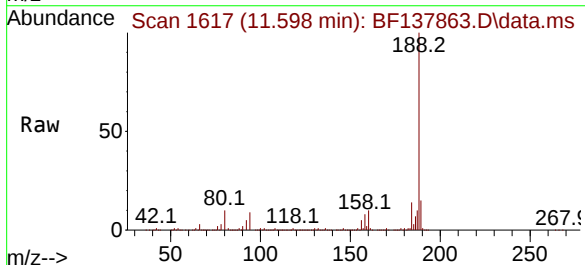
Ion	Ratio	Lower	Upper
77	100		
182	30.6	5.1	45.1
105	23.2	2.2	42.2
51	27.0	8.7	48.7

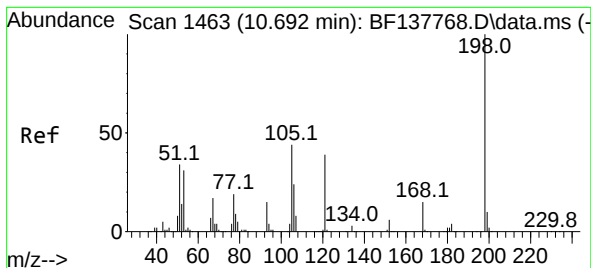


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion: 188 Resp: 752249

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.8	13.2
80	9.6	9.6	14.4

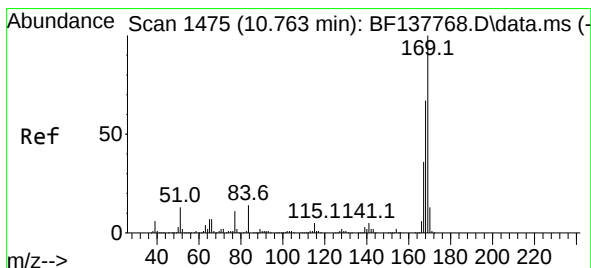
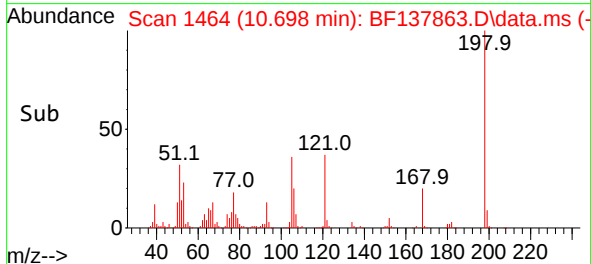
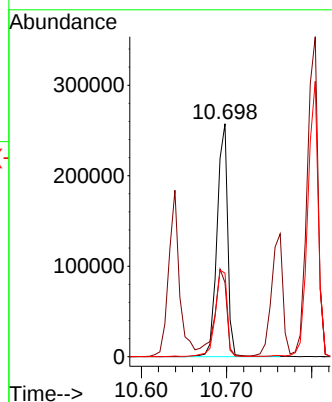
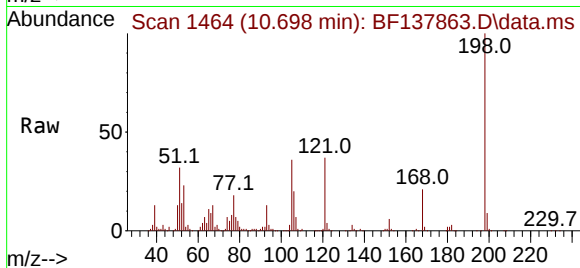




#65
4,6-Dinitro-2-methylphenol
Concen: 51.503 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

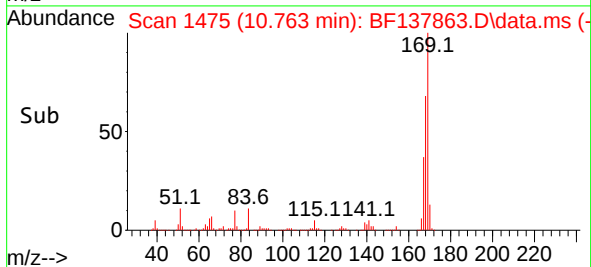
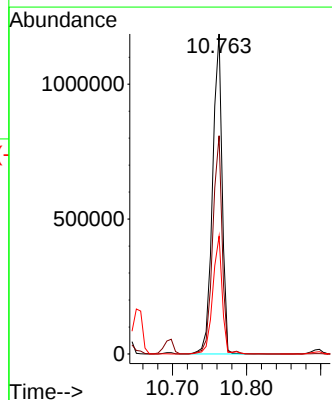
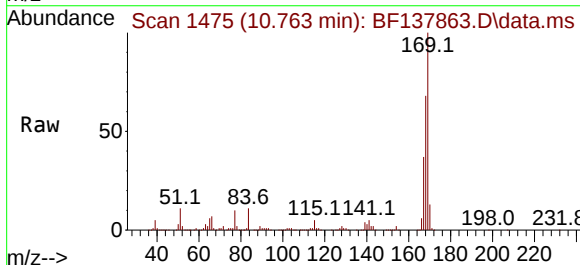
Instrument :
BNA_F
ClientSampleId :
PB160815BS

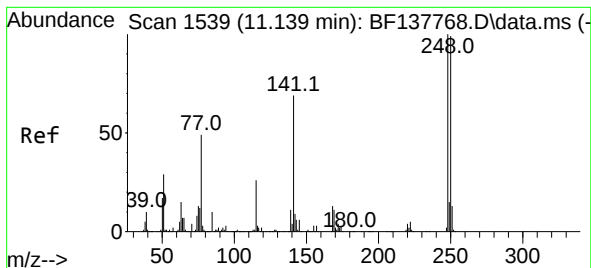
Tgt Ion:198 Resp: 222374
Ion Ratio Lower Upper
198 100
51 31.8 25.1 65.1
105 35.9 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 47.028 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:169 Resp: 1058960
Ion Ratio Lower Upper
169 100
168 68.2 53.3 79.9
167 36.8 29.2 43.8

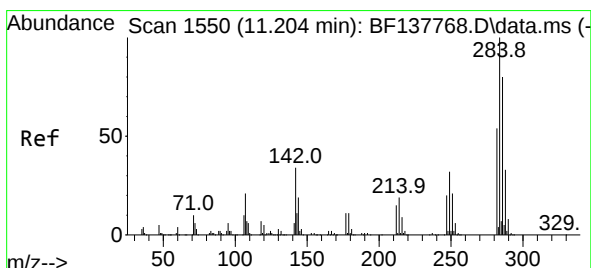
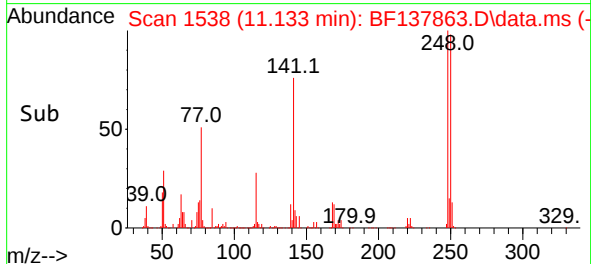
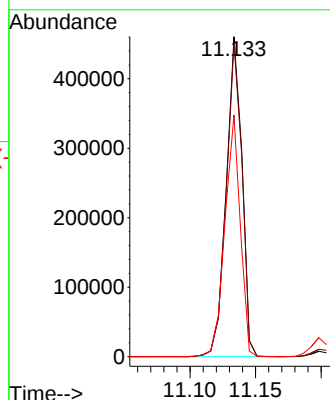
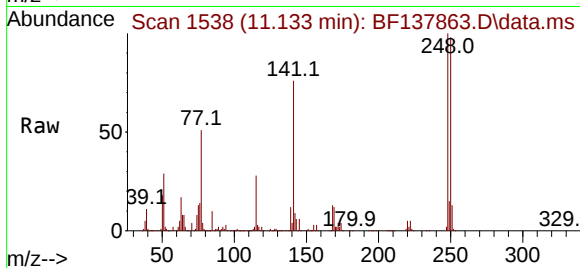




#67
4-Bromophenyl-phenylether
Concen: 47.849 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

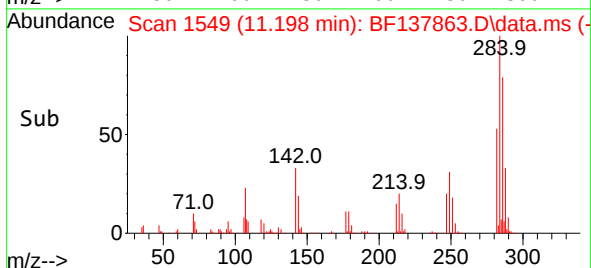
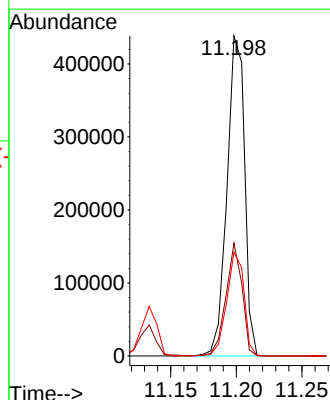
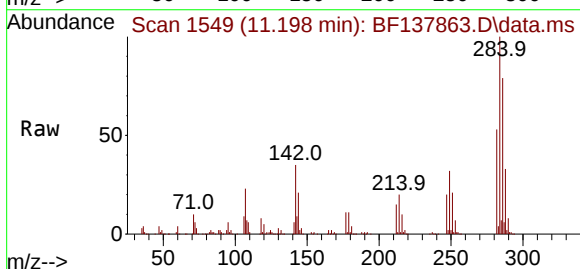
Instrument :
BNA_F
ClientSampleId :
PB160815BS

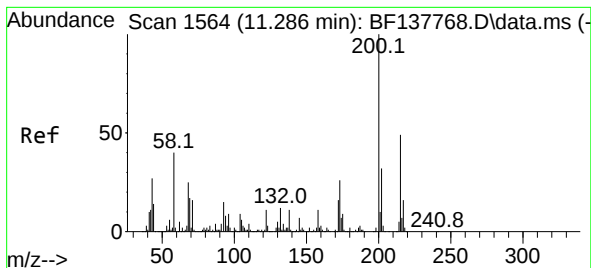
Tgt Ion:248 Resp: 385215
Ion Ratio Lower Upper
248 100
250 97.8 79.1 118.7
141 75.5 55.4 83.2



#68
Hexachlorobenzene
Concen: 46.513 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:284 Resp: 409219
Ion Ratio Lower Upper
284 100
142 35.2 27.3 40.9
249 32.4 25.6 38.4





#69

Atrazine

Concen: 52.430 ng

RT: 11.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

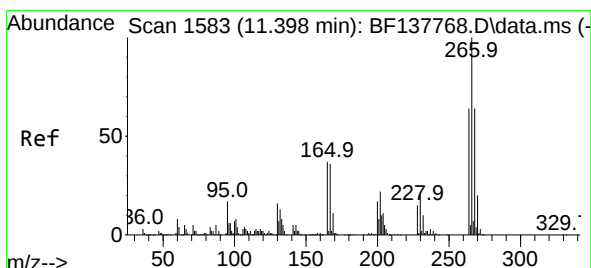
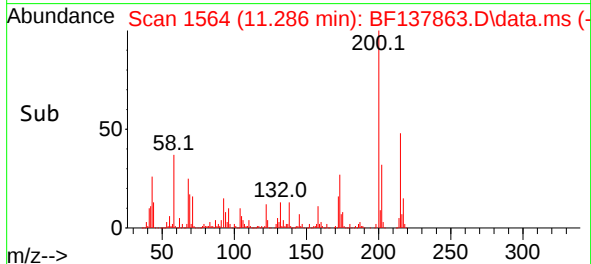
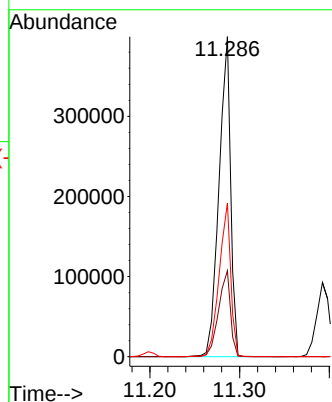
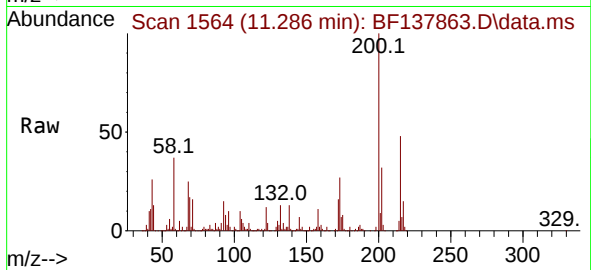
Tgt Ion:200 Resp: 359981

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

215 48.0 28.8 68.8



#70

Pentachlorophenol

Concen: 83.173 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

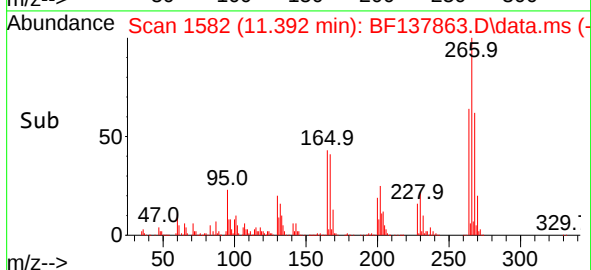
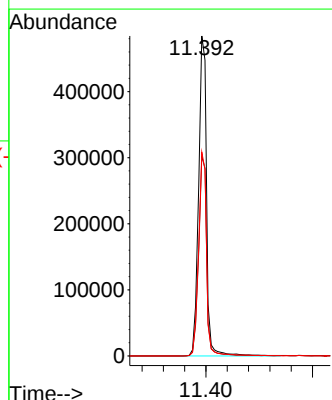
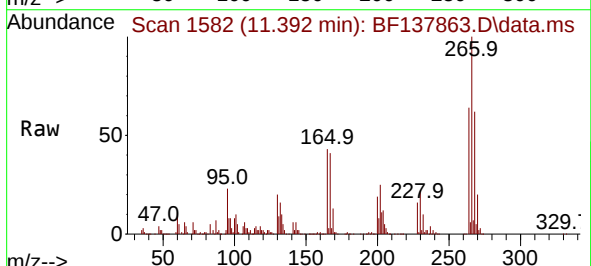
Tgt Ion:266 Resp: 502378

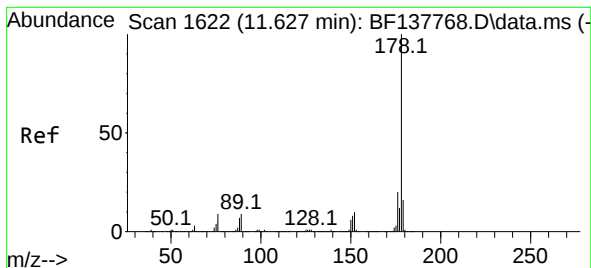
Ion Ratio Lower Upper

266 100

268 62.5 51.3 76.9

264 63.7 51.0 76.4





#71

Phenanthrene

Concen: 45.612 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

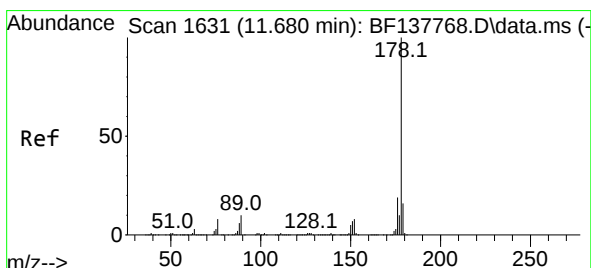
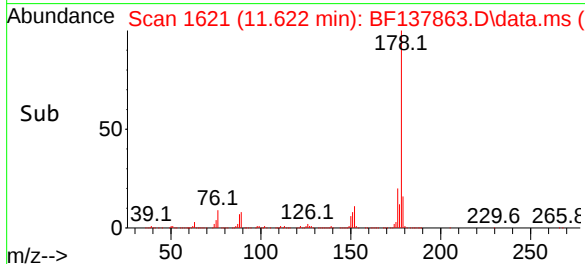
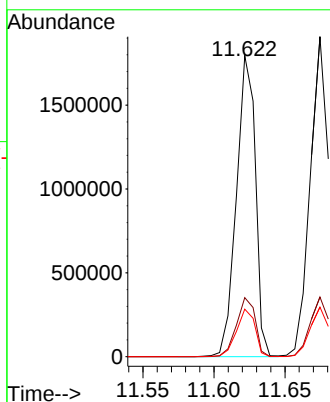
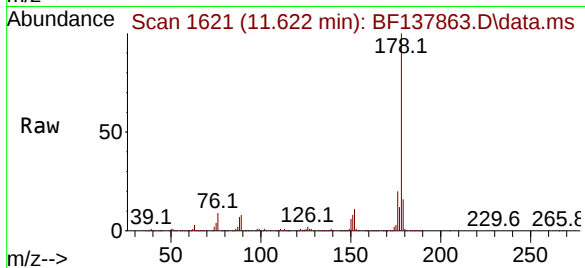
Tgt Ion:178 Resp: 1672413

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.5 18.7



#72

Anthracene

Concen: 46.619 ng

RT: 11.675 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

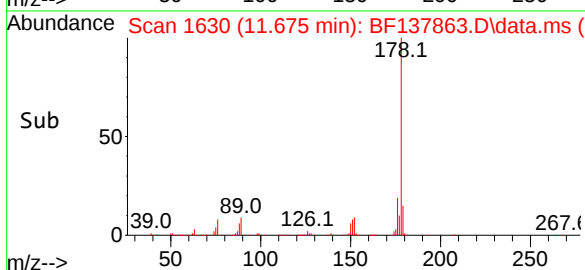
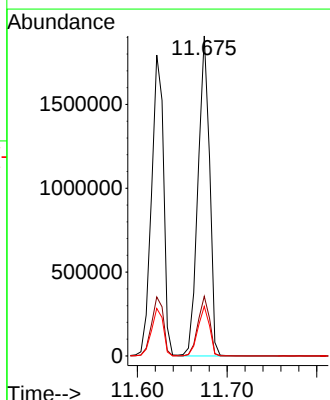
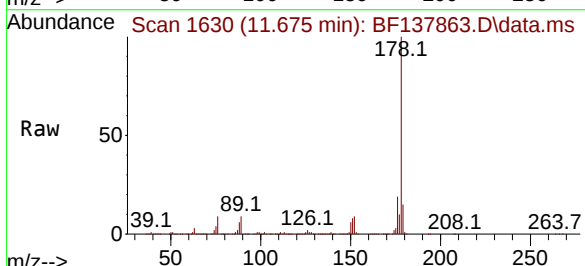
Tgt Ion:178 Resp: 1700742

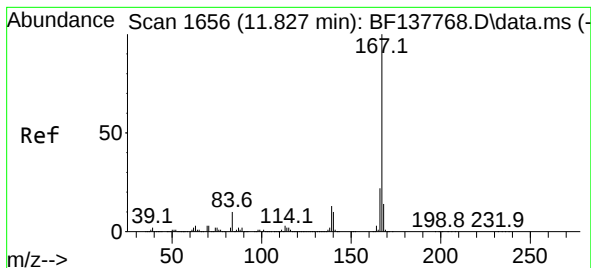
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.5 12.6 18.8





#73

Carbazole

Concen: 42.938 ng

RT: 11.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

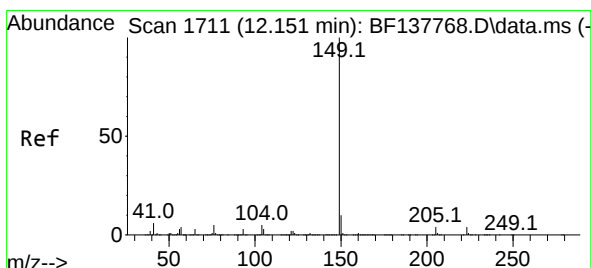
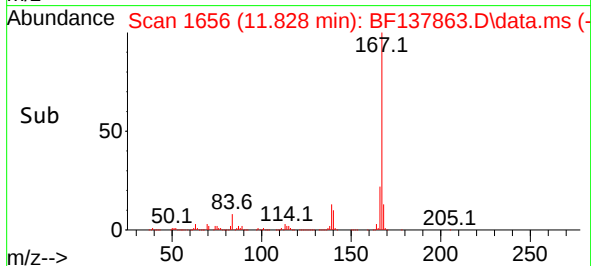
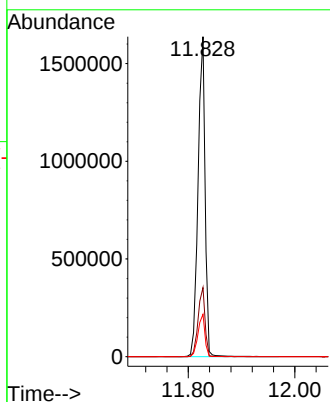
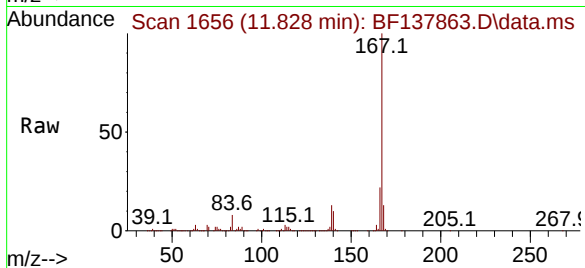
Tgt Ion:167 Resp: 1509692

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.722 ng

RT: 12.145 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

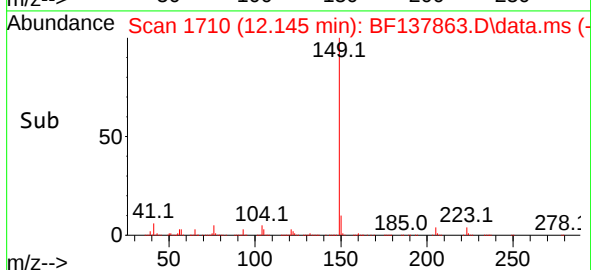
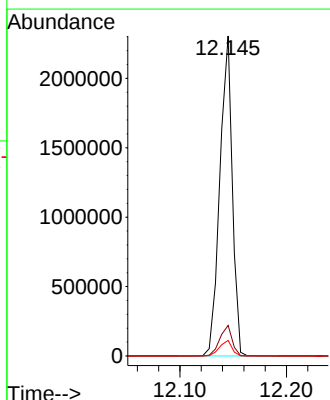
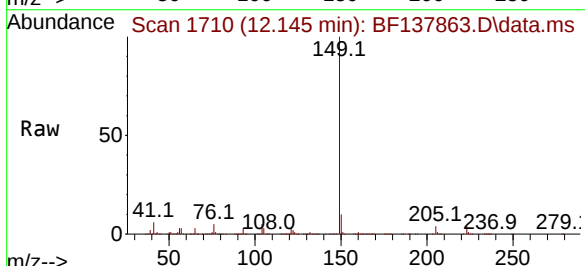
Tgt Ion:149 Resp: 1868672

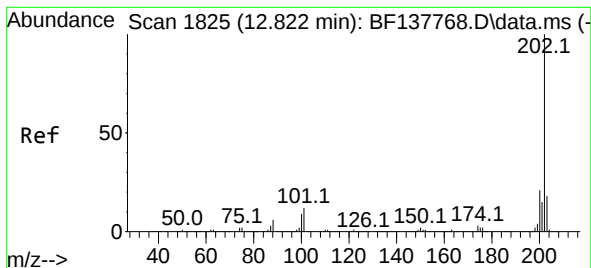
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 42.498 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

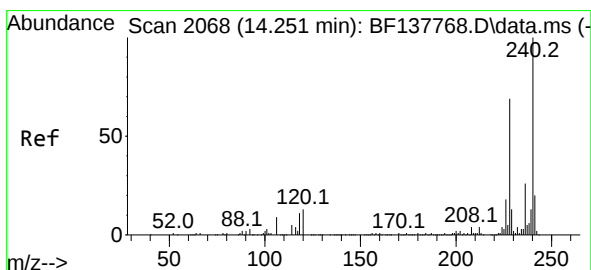
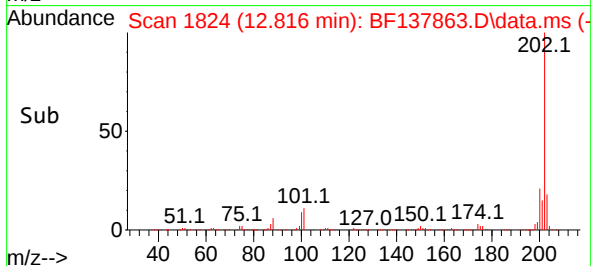
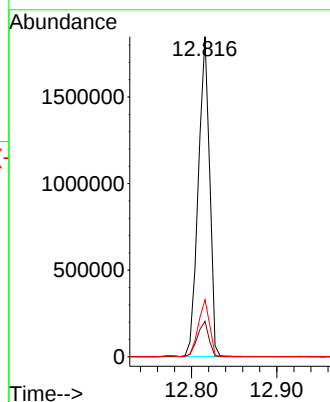
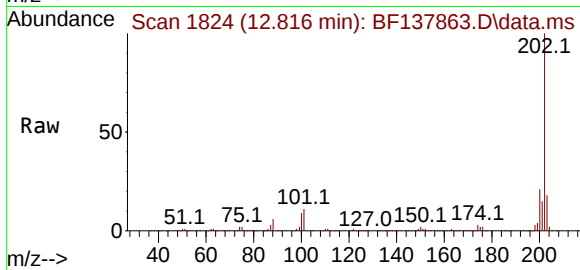
Tgt Ion:202 Resp: 1703310

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.8

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

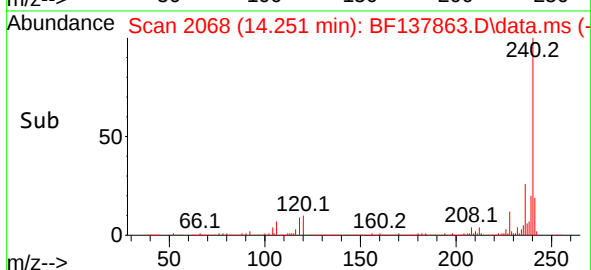
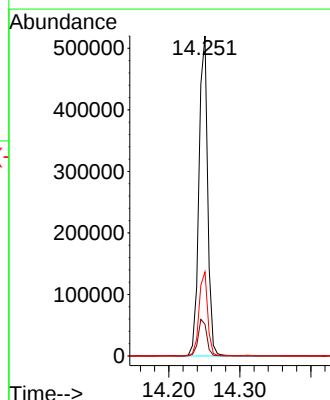
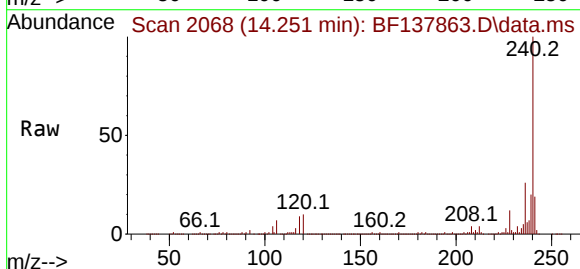
Tgt Ion:240 Resp: 446083

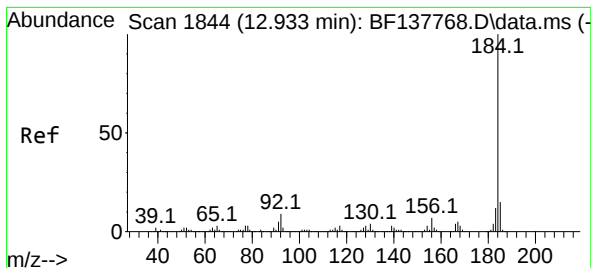
Ion Ratio Lower Upper

240 100

120 9.9 10.4 15.6

236 26.3 20.4 30.6





#77

Benzidine

Concen: 19.300 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

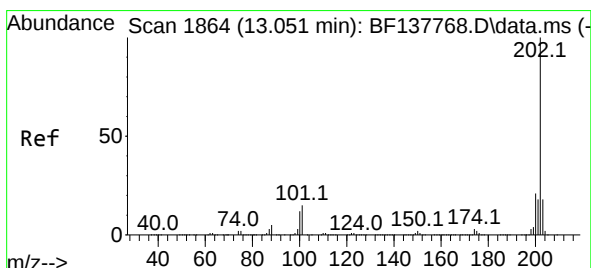
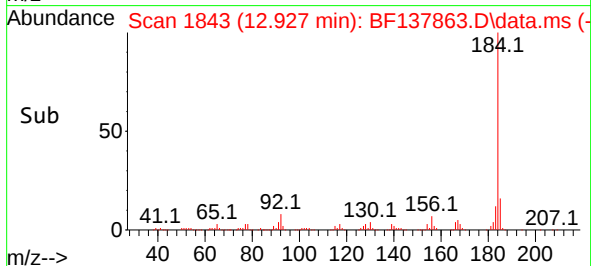
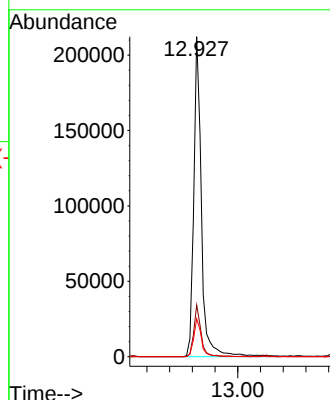
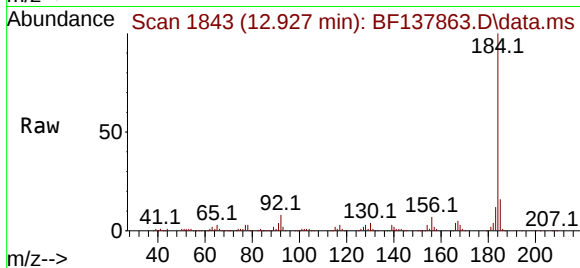
Tgt Ion:184 Resp: 199112

Ion Ratio Lower Upper

184 100

185 16.1 12.3 18.5

183 11.8 9.2 13.8



#78

Pyrene

Concen: 48.684 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

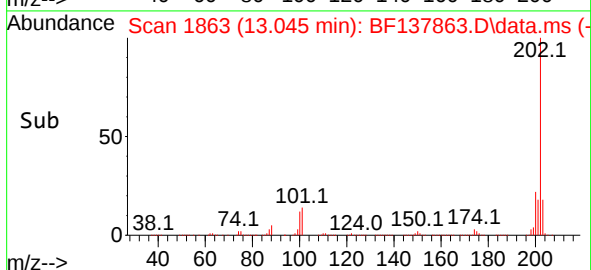
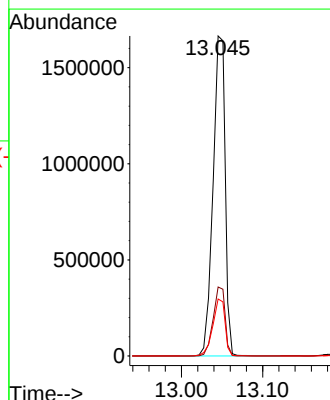
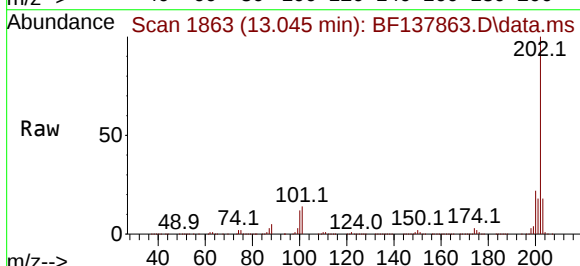
Tgt Ion:202 Resp: 1721891

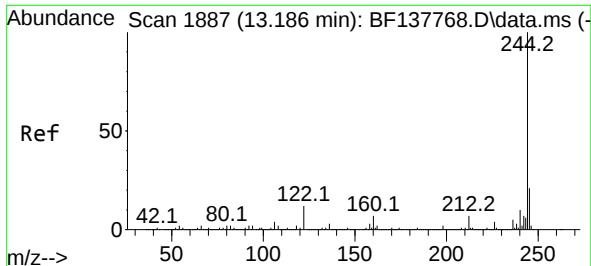
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.8 14.4 21.6

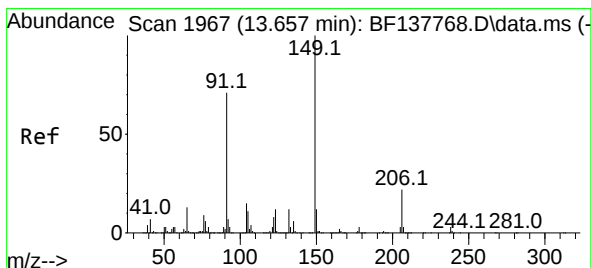
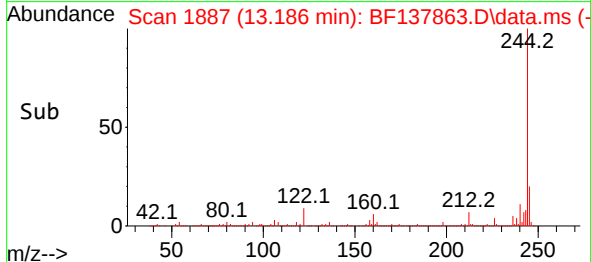
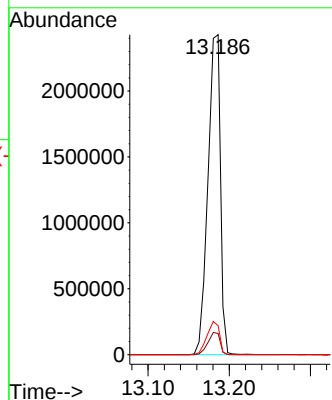
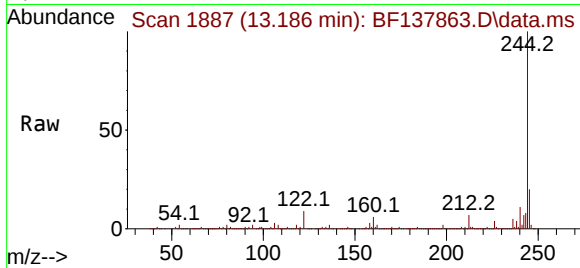




#79
 Terphenyl-d14
 Concen: 97.045 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137863.D
 Acq: 09 May 2024 14:43

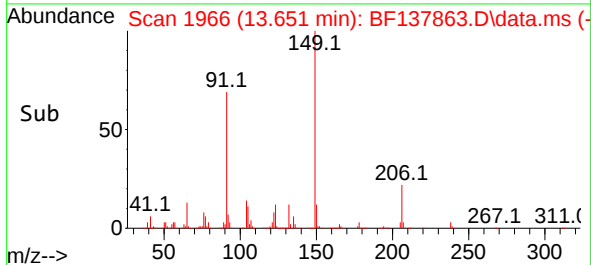
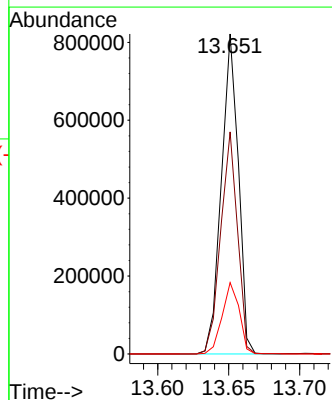
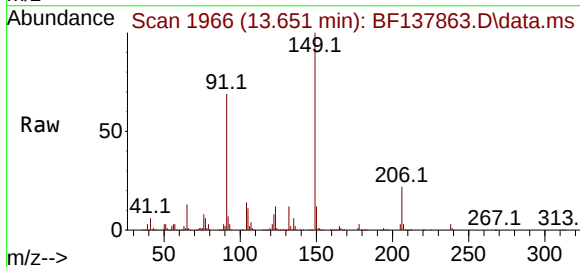
Instrument :
 BNA_F
 ClientSampleId :
 PB160815BS

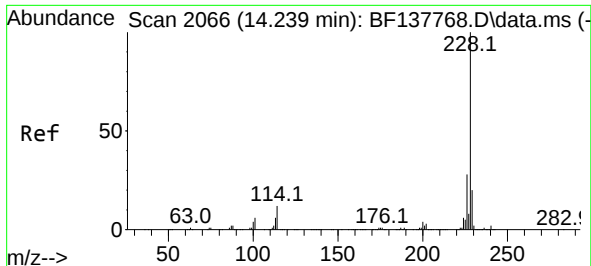
Tgt Ion:244 Resp: 2583154
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 9.0 9.4 14.2#



#80
 Butylbenzylphthalate
 Concen: 60.698 ng
 RT: 13.651 min Scan# 1966
 Delta R.T. -0.006 min
 Lab File: BF137863.D
 Acq: 09 May 2024 14:43

Tgt Ion:149 Resp: 681149
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.8 85.2
 206 22.3 17.8 26.8

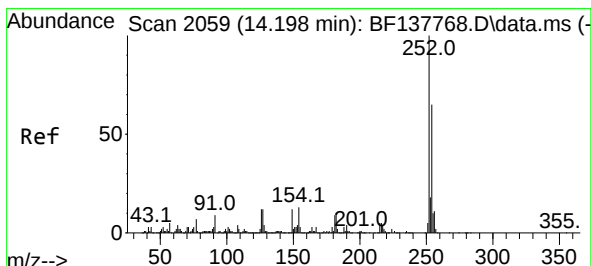
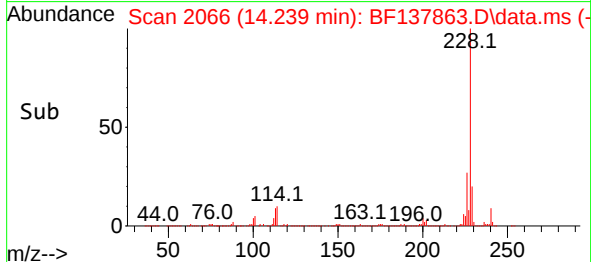
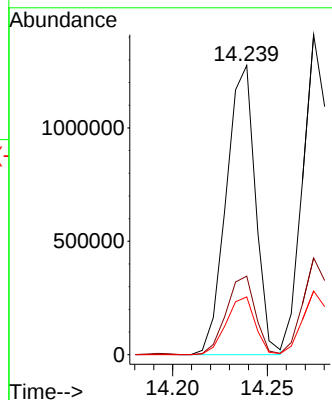
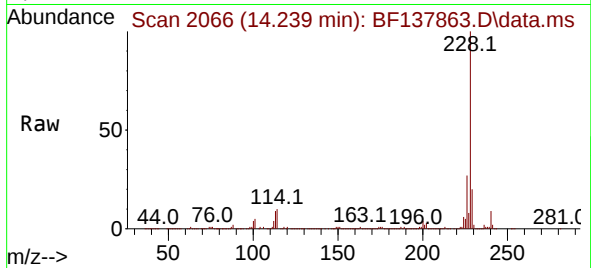




#81
Benzo(a)anthracene
Concen: 47.912 ng
RT: 14.239 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

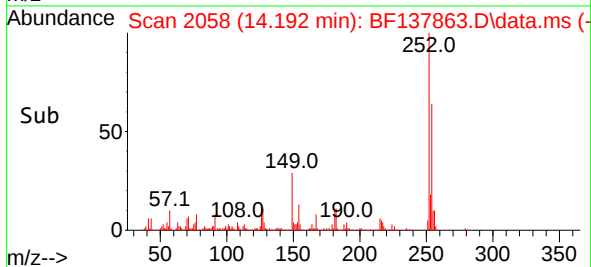
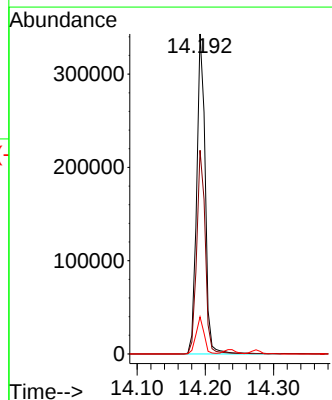
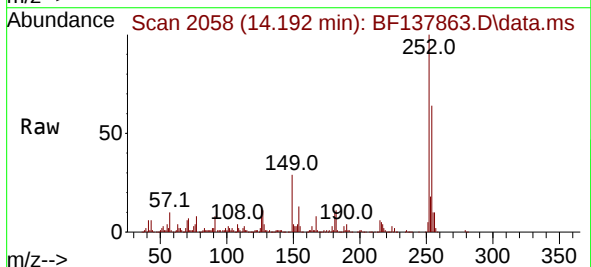
Instrument :
BNA_F
ClientSampleId :
PB160815BS

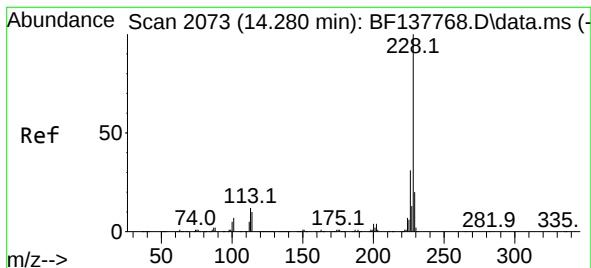
Tgt Ion:228 Resp: 1366971
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 34.511 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:252 Resp: 294772
Ion Ratio Lower Upper
252 100
254 63.7 51.7 77.5
126 11.6 9.7 14.5





#83

Chrysene

Concen: 47.585 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

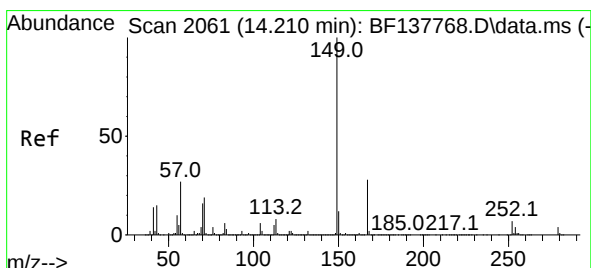
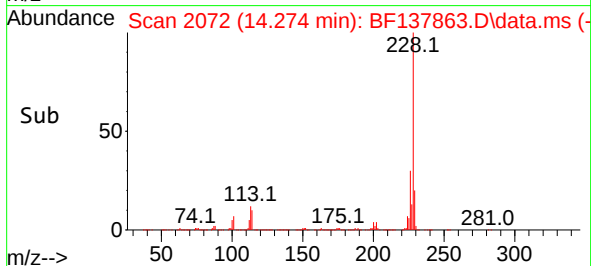
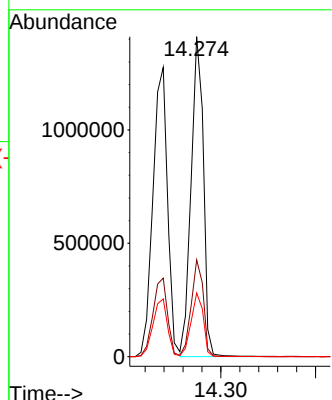
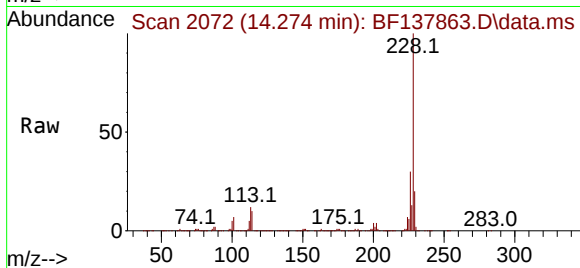
Tgt Ion:228 Resp: 1271218

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.096 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

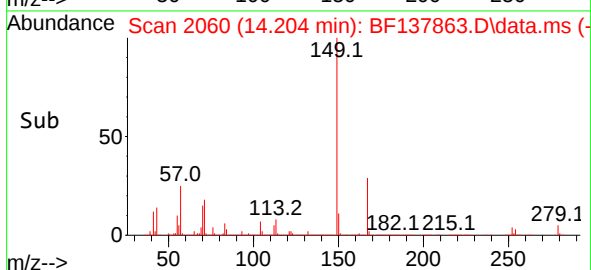
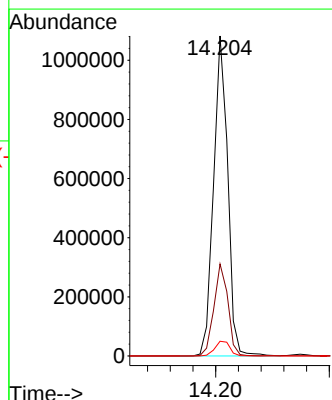
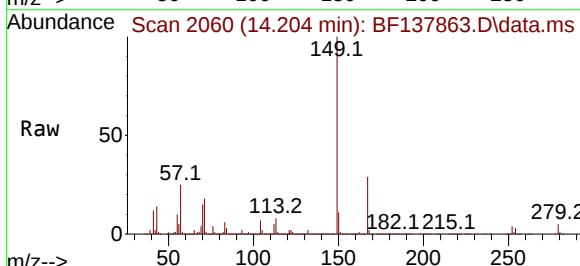
Tgt Ion:149 Resp: 934786

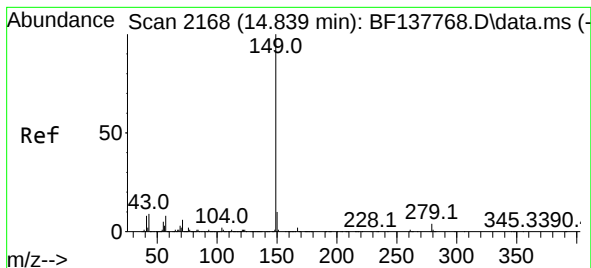
Ion Ratio Lower Upper

149 100

167 28.7 22.4 33.6

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 68.594 ng

RT: 14.833 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

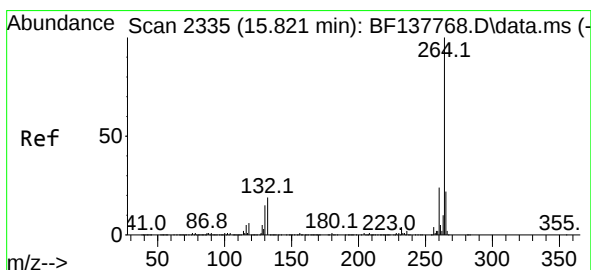
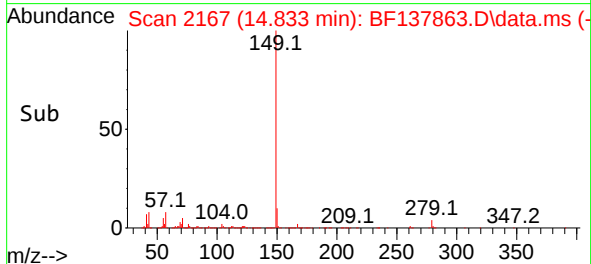
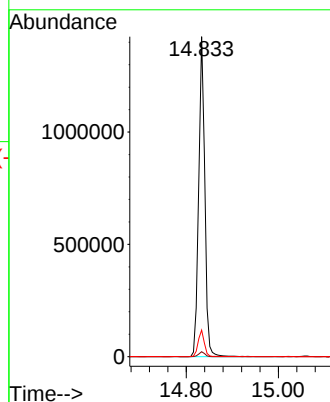
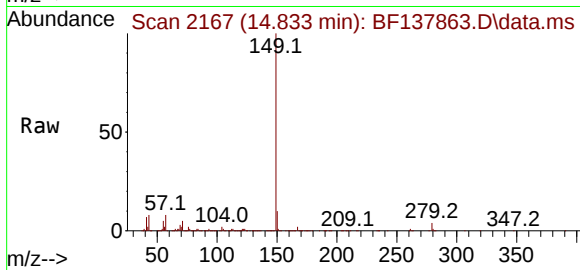
Tgt Ion:149 Resp: 1305596

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

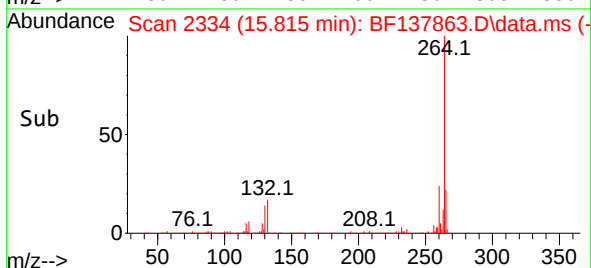
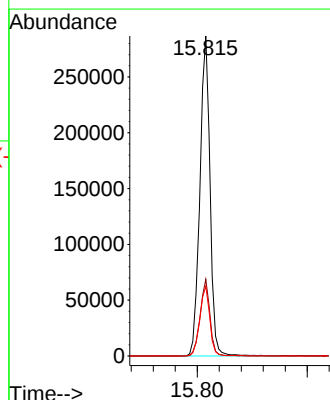
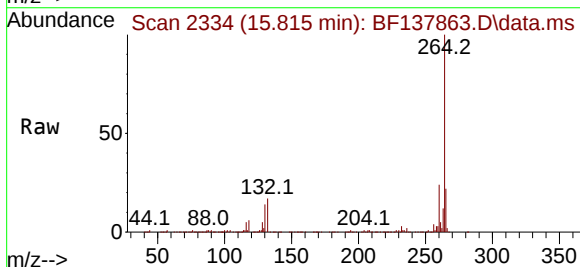
Tgt Ion:264 Resp: 367432

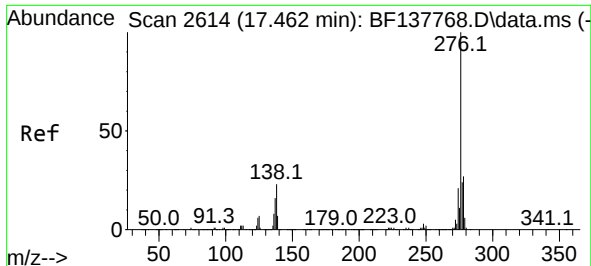
Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.8 17.4 26.0

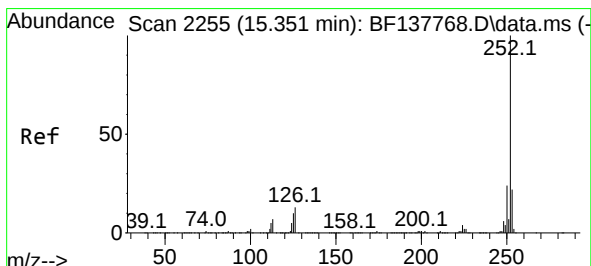
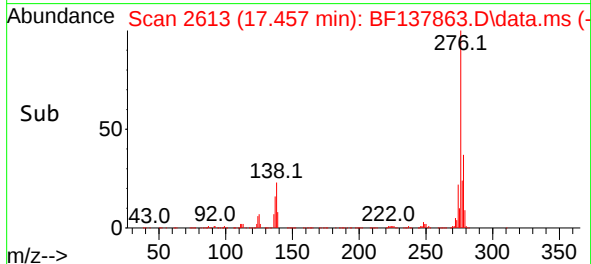
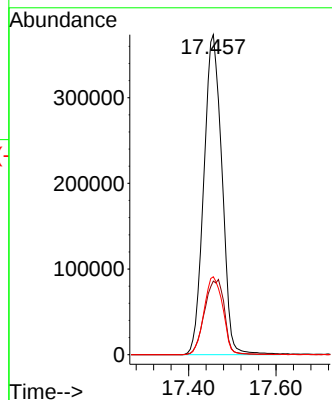
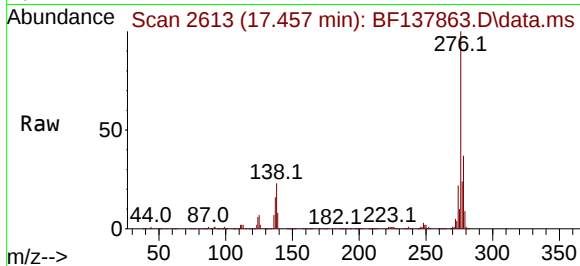




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.680 ng
RT: 17.457 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

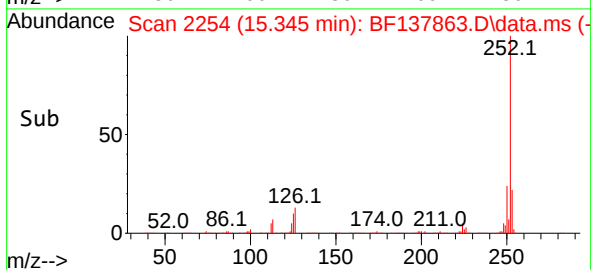
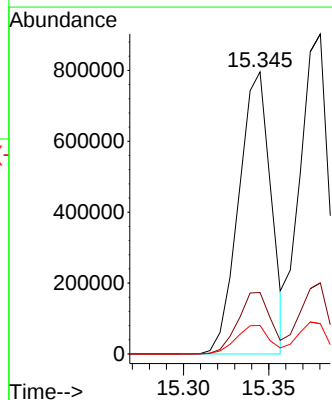
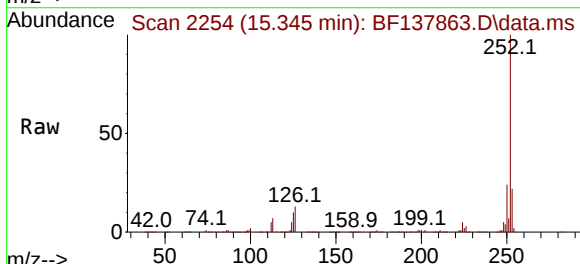
Instrument :
BNA_F
ClientSampleId :
PB160815BS

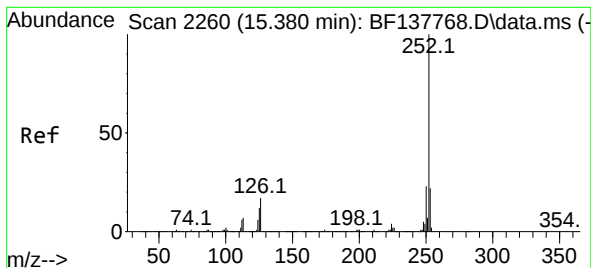
Tgt Ion:276 Resp: 1079580
Ion Ratio Lower Upper
276 100
138 25.7 21.4 32.0
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 45.665 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:252 Resp: 1043937
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.1 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.067 ng

RT: 15.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

PB160815BS

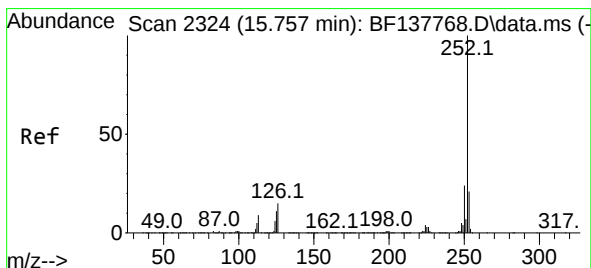
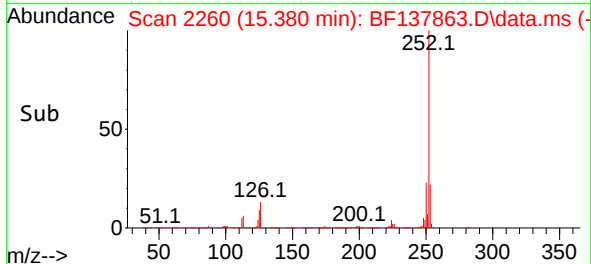
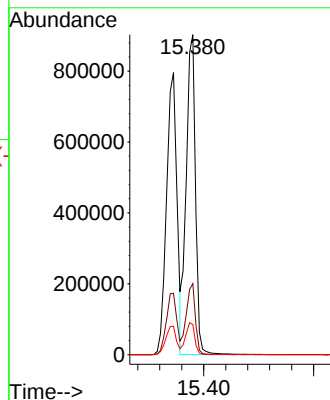
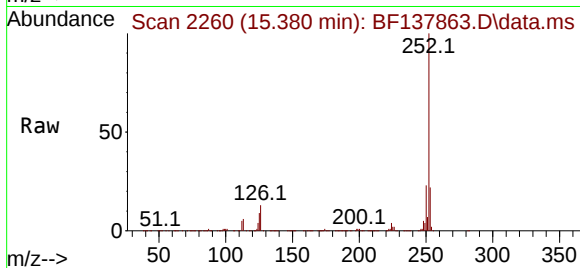
Tgt Ion:252 Resp: 1062065

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.5 9.0 13.4



#90

Benzo(a)pyrene

Concen: 50.543 ng

RT: 15.751 min Scan# 2323

Delta R.T. -0.006 min

Lab File: BF137863.D

Acq: 09 May 2024 14:43

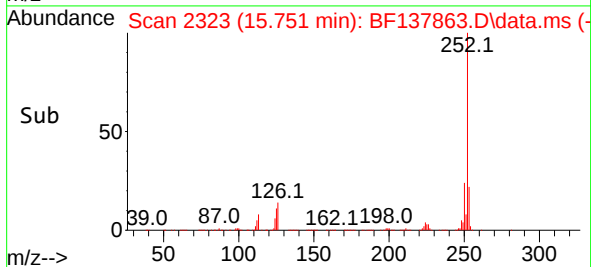
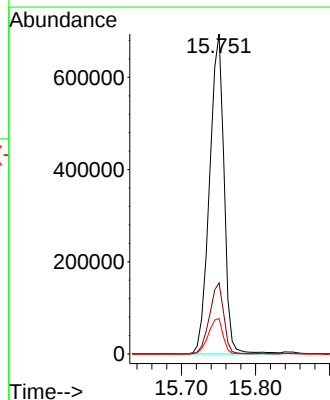
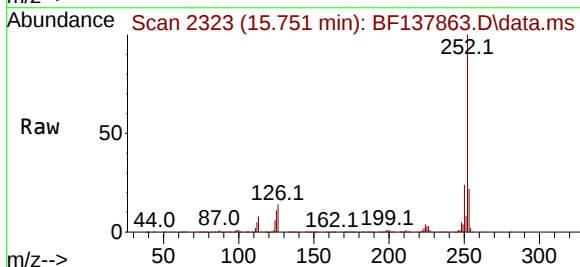
Tgt Ion:252 Resp: 942647

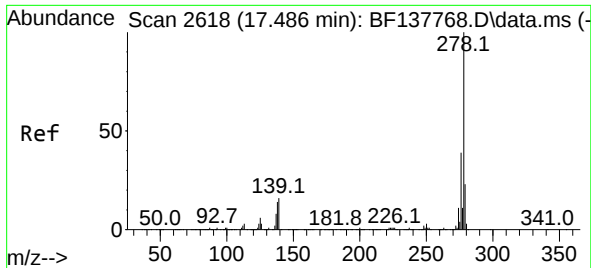
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 11.1 9.0 13.6

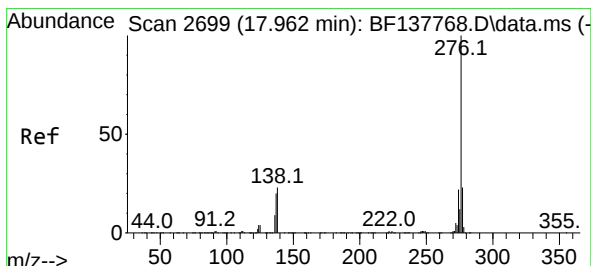
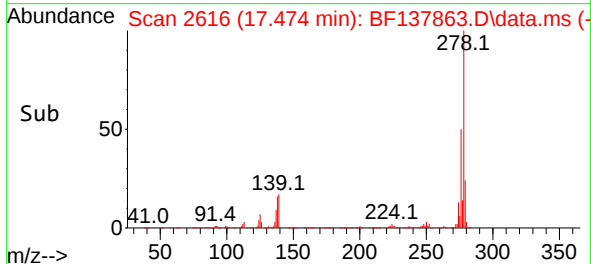
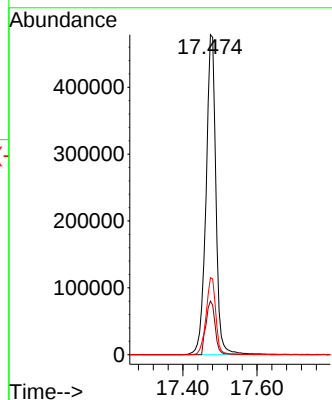
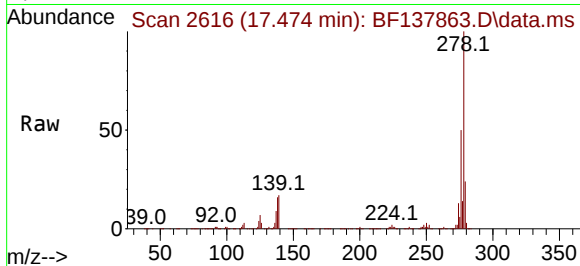




#91
Dibenzo(a,h)anthracene
Concen: 52.213 ng
RT: 17.474 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
PB160815BS

Tgt Ion:278 Resp: 887813
Ion Ratio Lower Upper
278 100
139 16.8 13.0 19.6
279 24.0 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 46.746 ng
RT: 17.957 min Scan# 2698
Delta R.T. -0.006 min
Lab File: BF137863.D
Acq: 09 May 2024 14:43

Tgt Ion:276 Resp: 833242
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.5 18.1 27.1

