

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136903.D
 Acq On : 03 Jan 2024 12:36
 Operator : CG\JU
 Sample : PB158099BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158099BS

Quant Time: Jan 03 13:28:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83657	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	336137	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	176772	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	353564	20.000	ng	0.00
76) Chrysene-d12	13.968	240	200118	20.000	ng	0.00
86) Perylene-d12	15.445	264	161109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	605377	112.909	ng	0.01
7) Phenol-d6	6.439	99	772945	111.257	ng	0.00
23) Nitrobenzene-d5	7.351	82	471813	71.825	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	243046	116.743	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	965253	73.442	ng	-0.01
79) Terphenyl-d14	12.910	244	1113958	77.790	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	77703	34.782	ng	95
3) Pyridine	3.398	79	174334	31.984	ng	97
4) n-Nitrosodimethylamine	3.363	42	106350	36.537	ng	99
6) Aniline	6.451	93	245923	35.405	ng	# 13
8) 2-Chlorophenol	6.575	128	237546	40.486	ng	95
9) Benzaldehyde	6.339	77	99211	25.106	ng	98
10) Phenol	6.451	94	286102	38.577	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	225150	39.920	ng	94
12) 1,3-Dichlorobenzene	6.722	146	238583	37.274	ng	99
13) 1,4-Dichlorobenzene	6.798	146	241587	36.939	ng	98
14) 1,2-Dichlorobenzene	6.951	146	229445	37.702	ng	99
15) Benzyl Alcohol	6.934	79	192338	41.037	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	344191	37.326	ng	83
17) 2-Methylphenol	7.045	107	189714	39.030	ng	98
18) Hexachloroethane	7.286	117	87391	36.793	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	161000	38.229	ng	95
20) 3+4-Methylphenols	7.204	107	238180	39.222	ng	# 59
22) Acetophenone	7.192	105	328360	38.973	ng	# 91
24) Nitrobenzene	7.369	77	234870	35.693	ng	94
25) Isophorone	7.604	82	447043	37.401	ng	100
26) 2-Nitrophenol	7.681	139	127352	40.451	ng	99
27) 2,4-Dimethylphenol	7.722	122	213960	55.822	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	276873	38.108	ng	99
29) 2,4-Dichlorophenol	7.928	162	191282	38.764	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	202840	36.894	ng	100
31) Naphthalene	8.081	128	680085	36.828	ng	99
32) Benzoic acid	7.875	122	153993	41.523	ng	98
33) 4-Chloroaniline	8.133	127	134551	19.734	ng	97
34) Hexachlorobutadiene	8.192	225	118051	35.341	ng	98
35) Caprolactam	8.522	113	45747	28.102	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	219320	39.480	ng	100
37) 2-Methylnaphthalene	8.775	142	449350	37.810	ng	99
38) 1-Methylnaphthalene	8.875	142	415047	35.597	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	212326	38.784	ng	99
41) Hexachlorocyclopentadiene	8.922	237	157708	89.716	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	138899	39.562	ng	97

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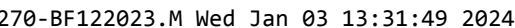
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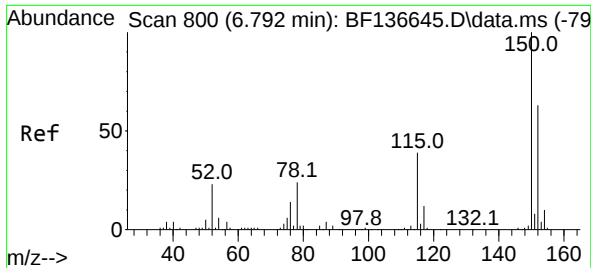
Quant Time: Jan 03 13:28:29 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	148643	37.992	ng	99
46) 1,1'-Biphenyl	9.239	154	577183	38.910	ng	99
47) 2-Chloronaphthalene	9.269	162	425257	37.710	ng	98
48) 2-Nitroaniline	9.369	65	141109	39.959	ng	99
49) Acenaphthylene	9.680	152	686414	39.823	ng	99
50) Dimethylphthalate	9.551	163	514588	39.854	ng	99
51) 2,6-Dinitrotoluene	9.616	165	114194	38.969	ng	99
52) Acenaphthene	9.851	154	410790	38.447	ng	100
53) 3-Nitroaniline	9.786	138	92895	29.926	ng	87
54) 2,4-Dinitrophenol	9.898	184	112705	69.892	ng	# 89
55) Dibenzofuran	10.027	168	621183	38.353	ng	99
56) 4-Nitrophenol	9.969	139	156605	74.734	ng	95
57) 2,4-Dinitrotoluene	10.022	165	147124	38.674	ng	95
58) Fluorene	10.369	166	510109	39.693	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	129162	42.887	ng	97
60) Diethylphthalate	10.251	149	526454	39.297	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	238621	38.200	ng	98
62) 4-Nitroaniline	10.410	138	115303	38.531	ng	95
63) Azobenzene	10.522	77	487251	38.940	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	81675	40.308	ng	96
66) n-Nitrosodiphenylamine	10.486	169	458274	39.901	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149627	38.106	ng	# 90
68) Hexachlorobenzene	10.921	284	168135	38.424	ng	96
69) Atrazine	11.027	200	210031	71.497	ng	95
70) Pentachlorophenol	11.121	266	134439	65.913	ng	94
71) Phenanthrene	11.339	178	728118	40.135	ng	100
72) Anthracene	11.392	178	745523	40.578	ng	100
73) Carbazole	11.551	167	685501	39.574	ng	100
74) Di-n-butylphthalate	11.880	149	859340	40.656	ng	98
75) Fluoranthene	12.533	202	772188	39.793	ng	99
77) Benzidine	12.657	184	185904	31.506	ng	98
78) Pyrene	12.763	202	768492	39.119	ng	99
80) Butylbenzylphthalate	13.386	149	315827	44.183	ng	96
81) Benzo(a)anthracene	13.957	228	562167	40.455	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	153133	38.804	ng	98
83) Chrysene	13.998	228	534614	39.342	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	424482	47.197	ng	98
85) Di-n-octyl phthalate	14.562	149	612985	44.061	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	482040	41.440	ng	99
88) Benzo(b)fluoranthene	15.015	252	447998	41.633	ng	99
89) Benzo(k)fluoranthene	15.045	252	426759	41.972	ng	99
90) Benzo(a)pyrene	15.386	252	371308	40.879	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	398304	41.737	ng	99
92) Benzo(g,h,i)perylene	17.415	276	402983	41.229	ng	99

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

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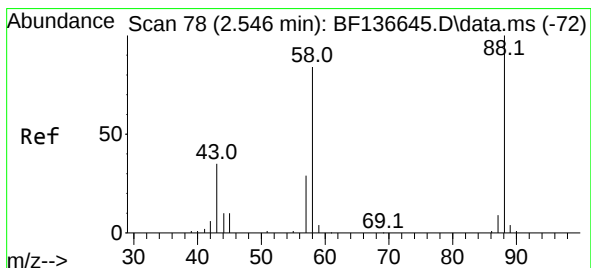
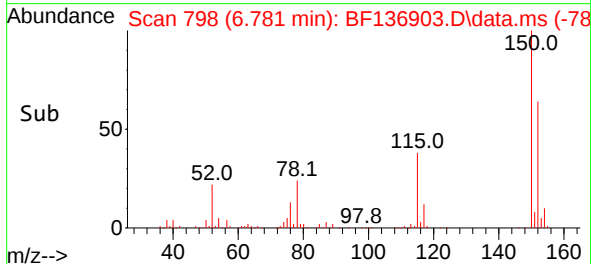
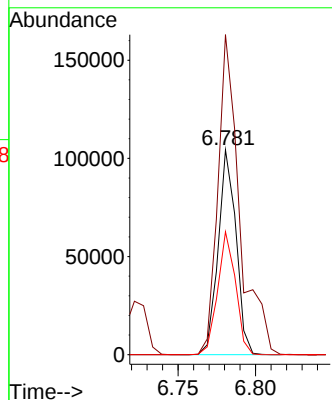
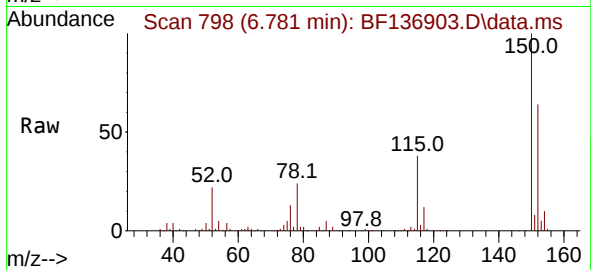




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136903.D
 Acq: 03 Jan 2024 12:36

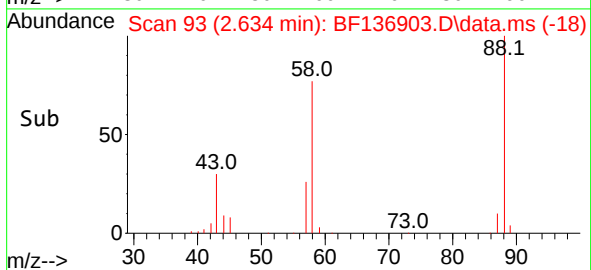
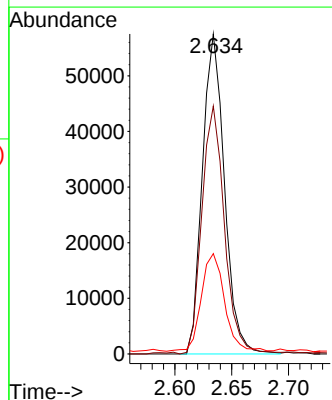
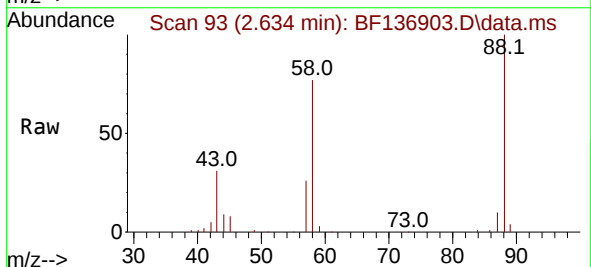
Instrument :
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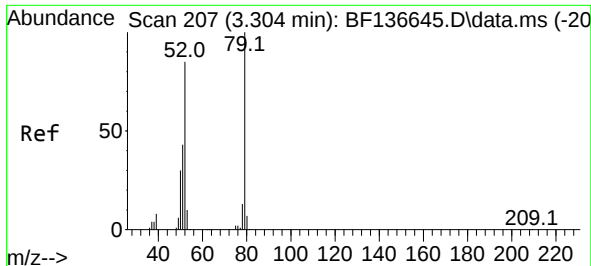
Tgt Ion:152 Resp: 83657
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.0 190.6
 115 60.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 34.782 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF136903.D
 Acq: 03 Jan 2024 12:36

Tgt Ion: 88 Resp: 77703
 Ion Ratio Lower Upper
 88 100
 58 79.4 67.4 101.0
 43 32.0 27.7 41.5





#3

Pyridine

Concen: 31.984 ng

RT: 3.398 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

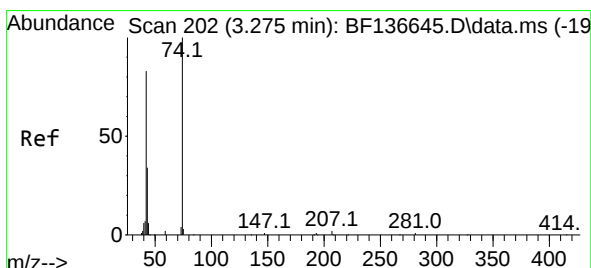
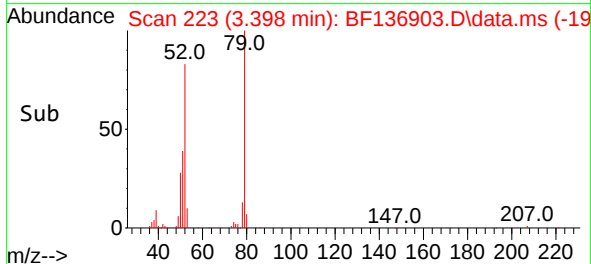
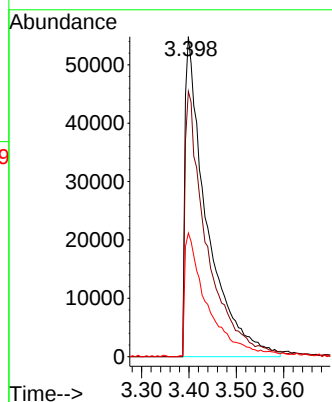
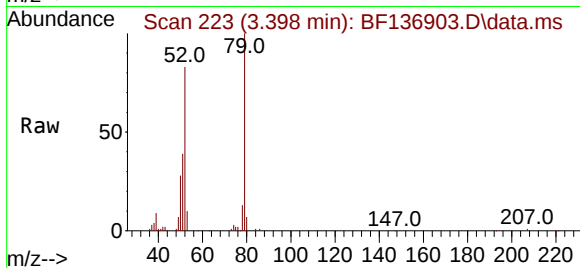
Tgt Ion: 79 Resp: 174334

Ion Ratio Lower Upper

79 100

52 82.9 67.7 101.5

51 38.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.537 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.088 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

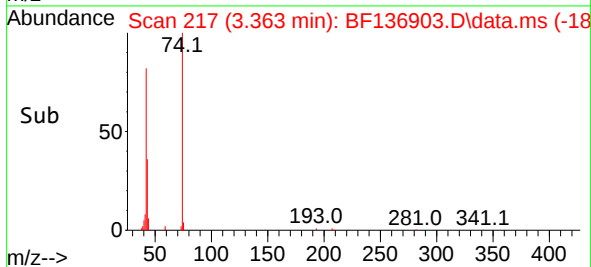
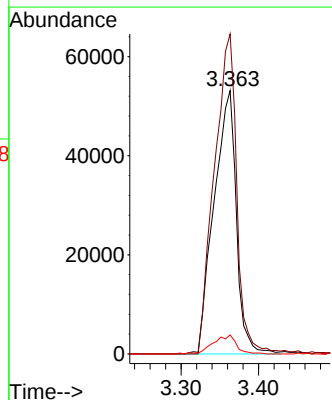
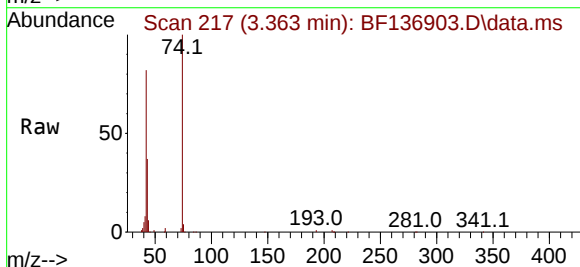
Tgt Ion: 42 Resp: 106350

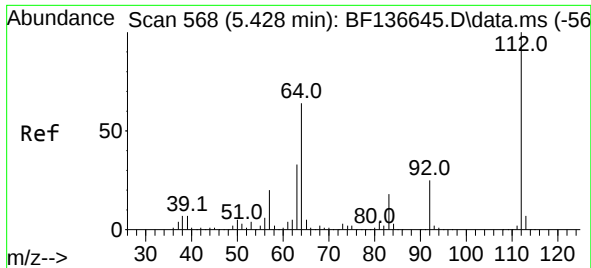
Ion Ratio Lower Upper

42 100

74 121.5 96.0 144.0

44 7.3 5.4 8.2

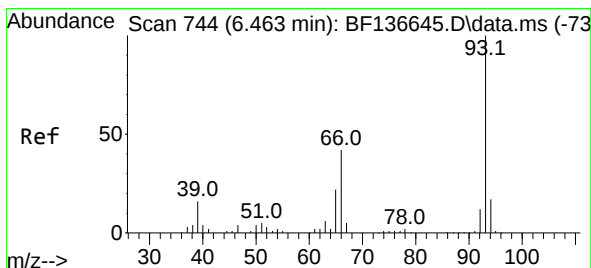
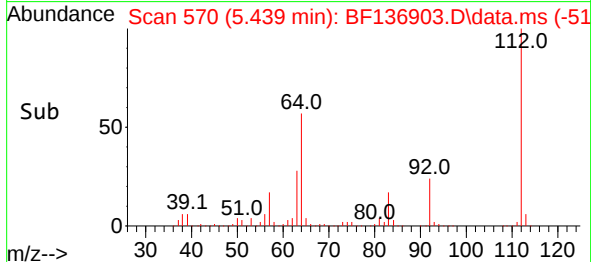
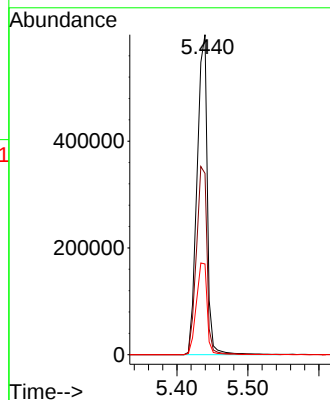
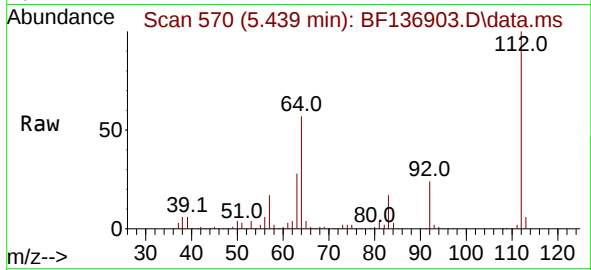




#5
2-Fluorophenol
Concen: 112.909 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

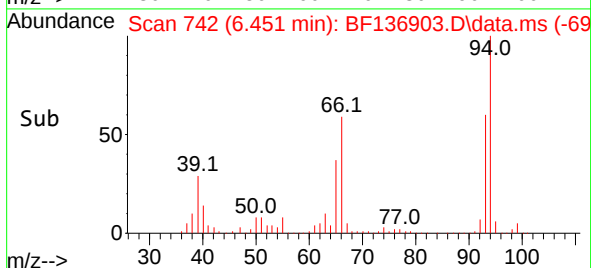
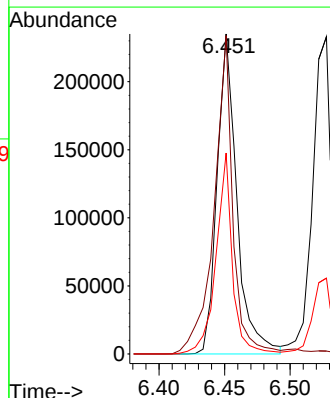
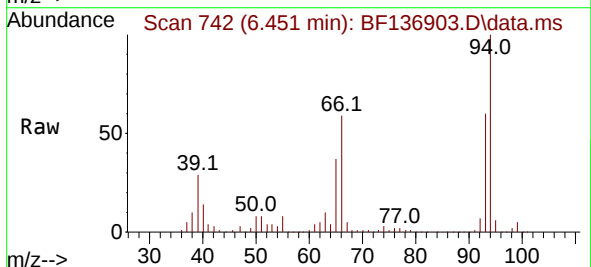
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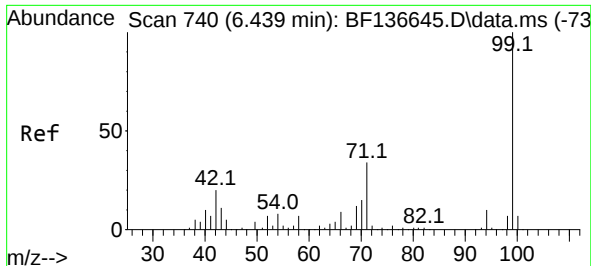
Tgt Ion:112 Resp: 605377
Ion Ratio Lower Upper
112 100
64 56.7 51.1 76.7
63 28.3 26.1 39.1



#6
Aniline
Concen: 35.405 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion: 93 Resp: 245923
Ion Ratio Lower Upper
93 100
66 99.5 34.6 51.8#
65 62.8 17.8 26.8#

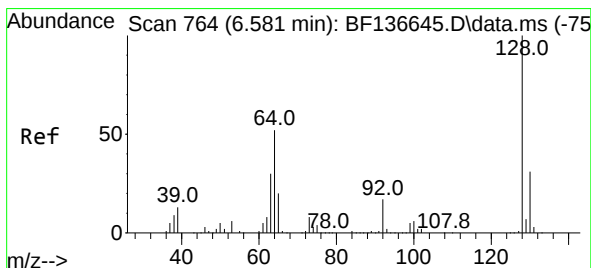
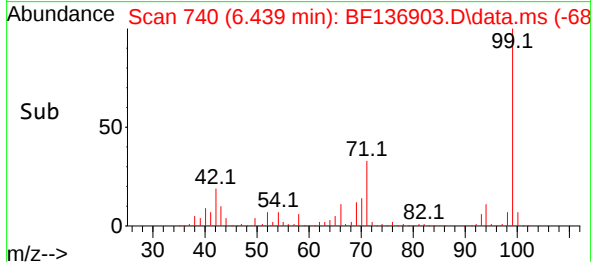
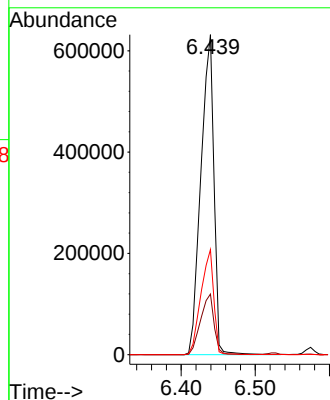
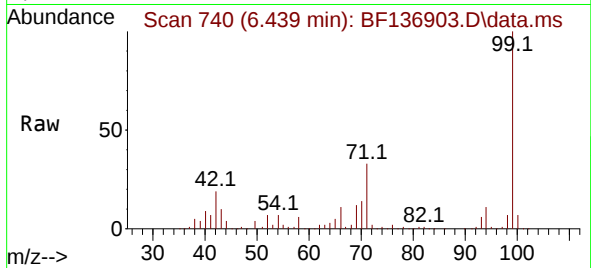




#7
Phenol-d6
Concen: 111.257 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

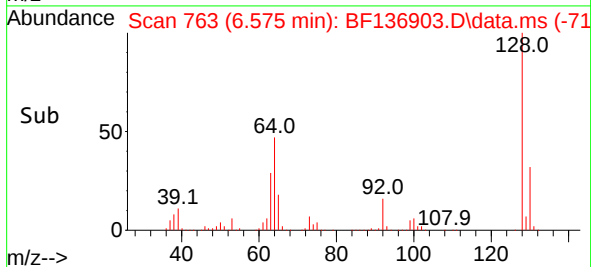
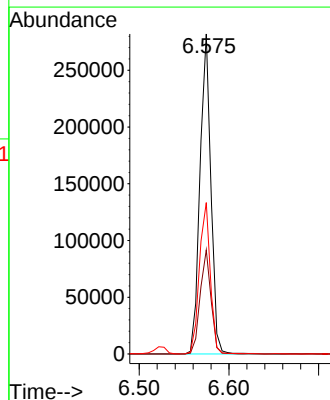
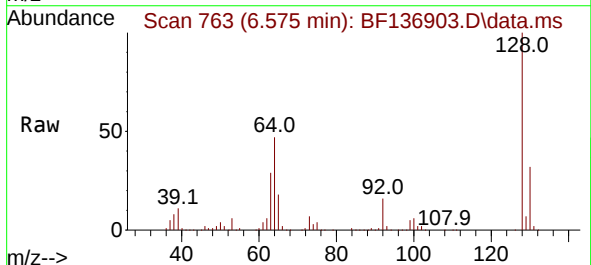
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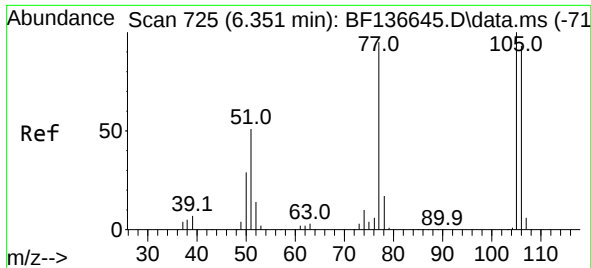
Tgt Ion: 99 Resp: 772945
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.9 27.4 41.2



#8
2-Chlorophenol
Concen: 40.486 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:128 Resp: 237546
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 47.3 32.5 72.5





#9

Benzaldehyde

Concen: 25.106 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

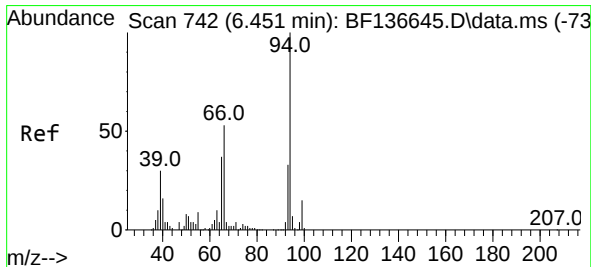
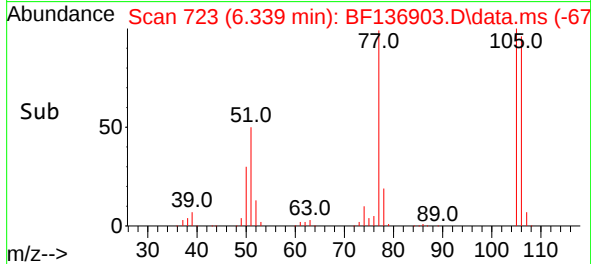
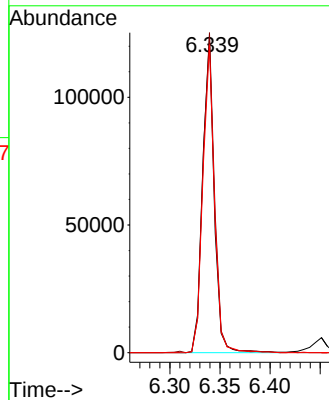
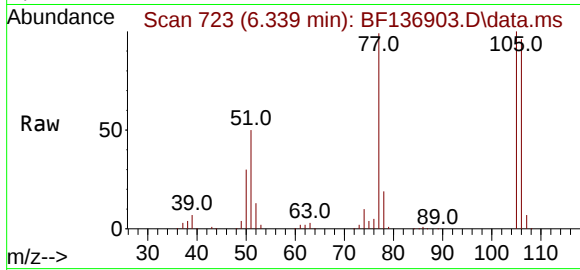
Tgt Ion: 77 Resp: 99211

Ion Ratio Lower Upper

77 100

105 101.3 84.8 124.8

106 97.5 77.8 117.8



#10

Phenol

Concen: 38.577 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

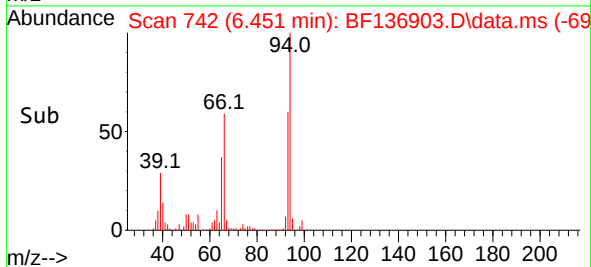
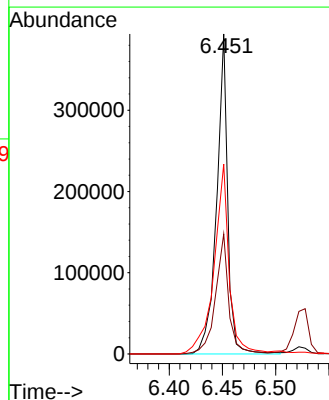
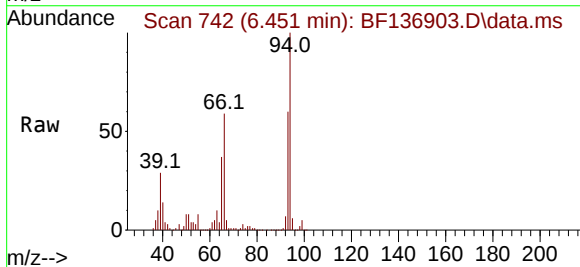
Tgt Ion: 94 Resp: 286102

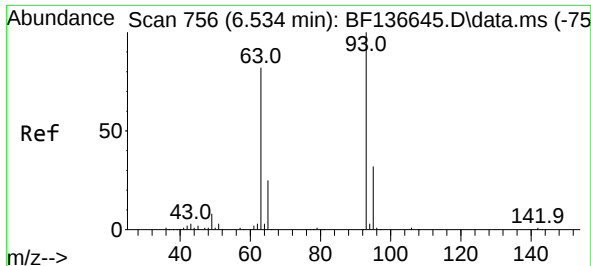
Ion Ratio Lower Upper

94 100

65 37.5 16.6 56.6

66 59.4 32.6 72.6

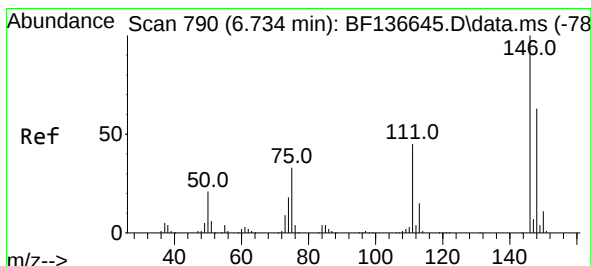
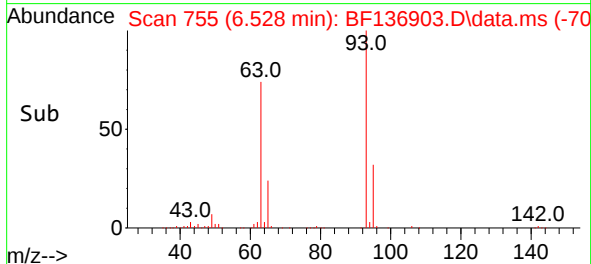
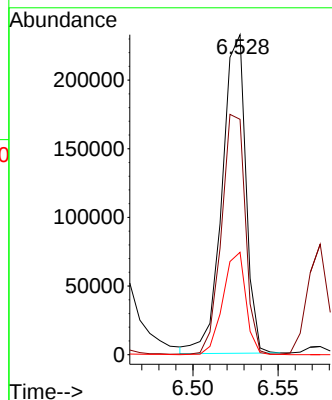
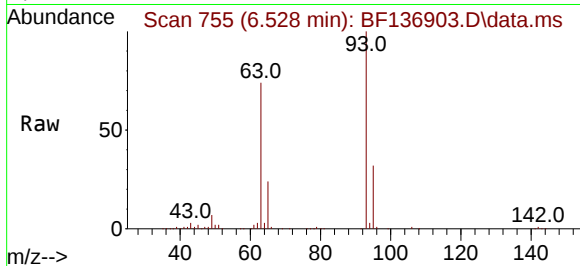




#11
bis(2-Chloroethyl)ether
Concen: 39.920 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

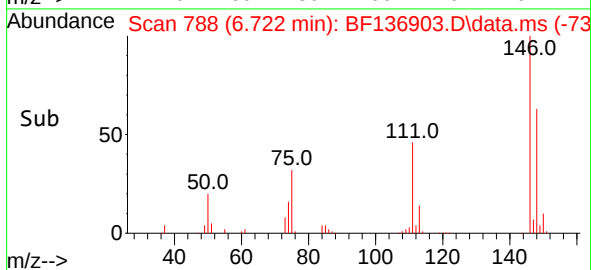
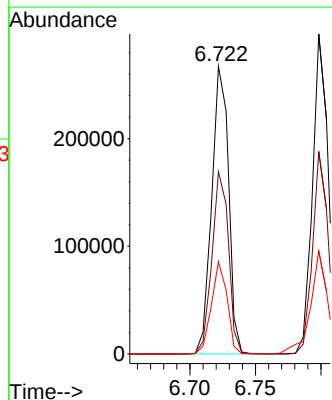
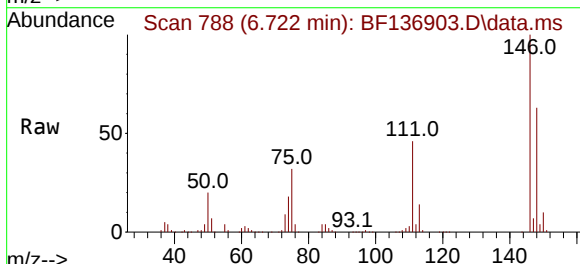
Instrument :
BNA_F
ClientSampleId :
PB158099BS

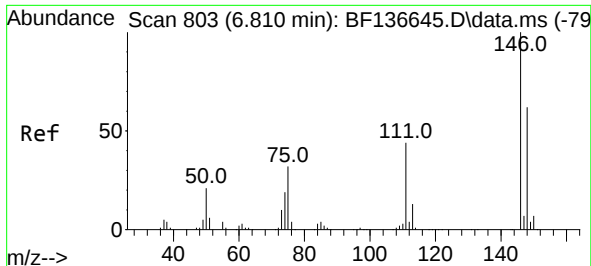
Tgt Ion: 93 Resp: 225150
Ion Ratio Lower Upper
93 100
63 73.5 61.2 101.2
95 32.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 37.274 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion: 146 Resp: 238583
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 32.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.939 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

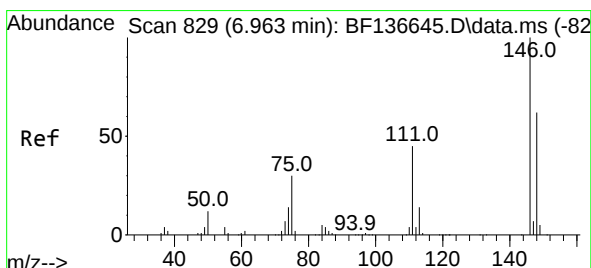
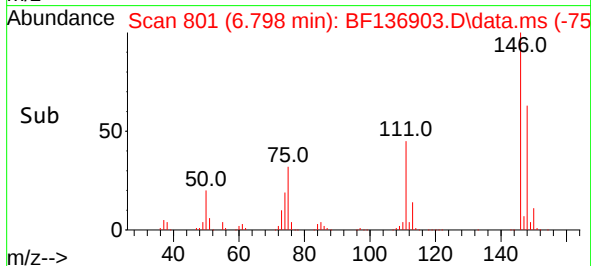
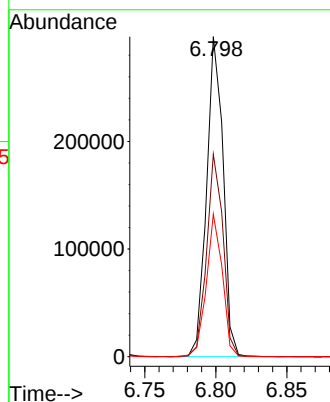
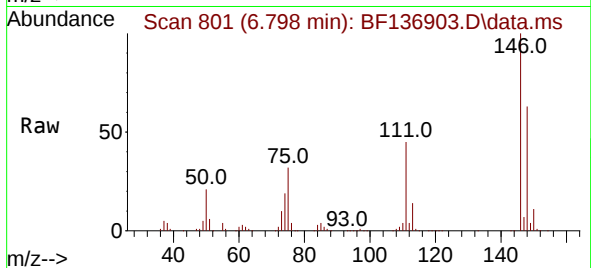
Tgt Ion:146 Resp: 241587

Ion Ratio Lower Upper

146 100

148 63.2 49.2 73.8

111 44.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.702 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

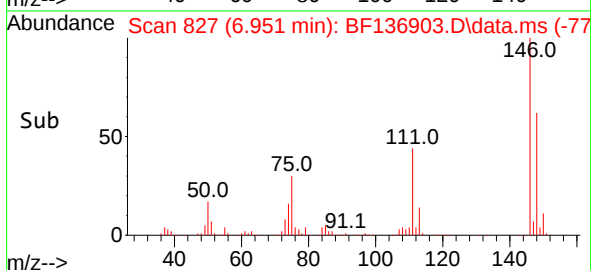
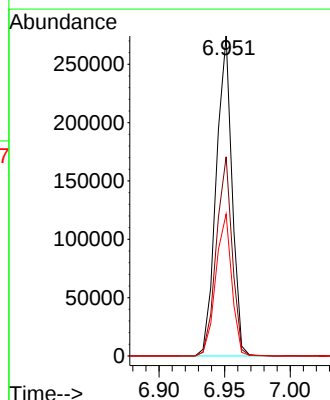
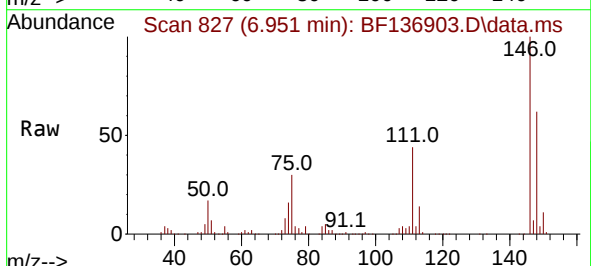
Tgt Ion:146 Resp: 229445

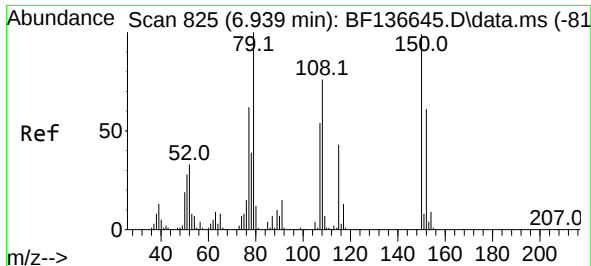
Ion Ratio Lower Upper

146 100

148 62.2 49.6 74.4

111 44.4 36.2 54.2

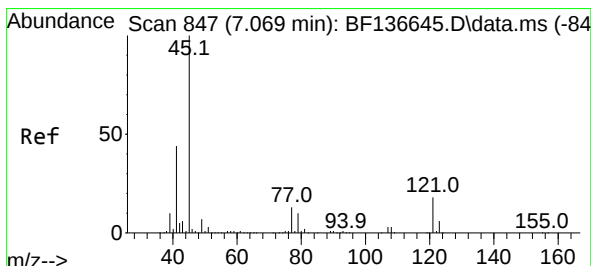
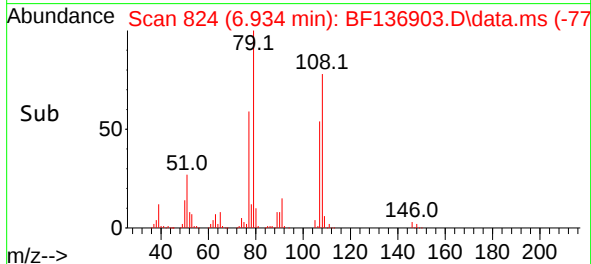
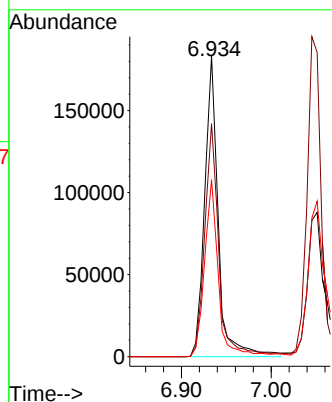
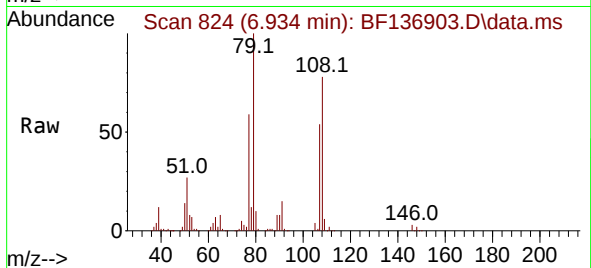




#15
Benzyl Alcohol
Concen: 41.037 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

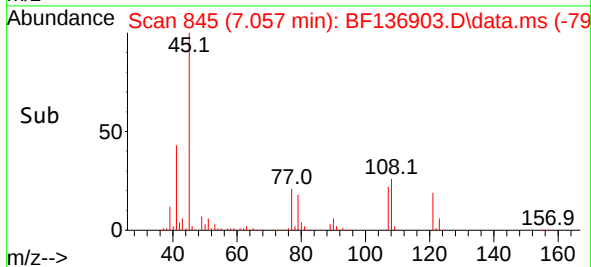
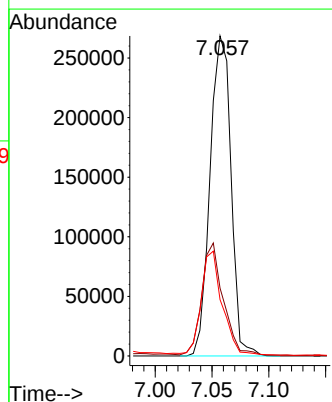
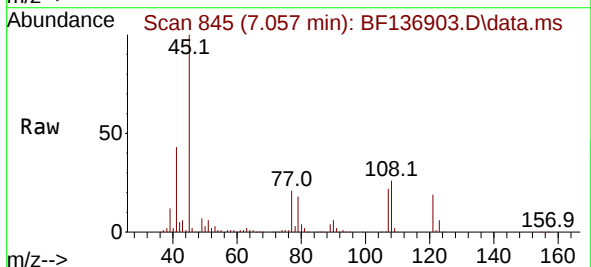
Instrument :
BNA_F
ClientSampleId :
PB158099BS

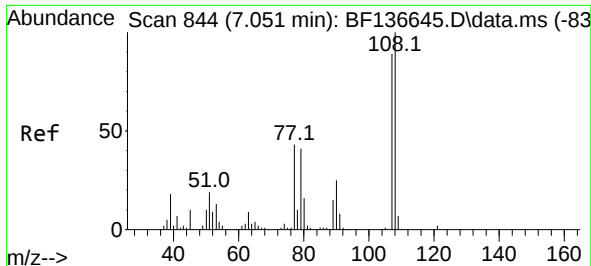
Tgt Ion: 79 Resp: 192338
Ion Ratio Lower Upper
79 100
108 77.5 61.0 91.6
77 58.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.326 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

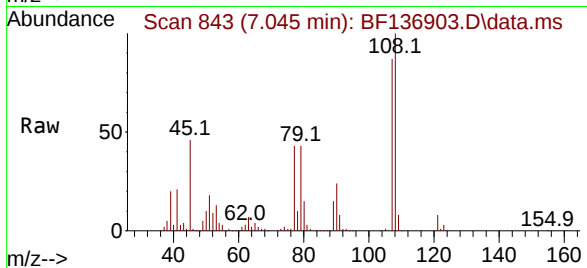
Tgt Ion: 45 Resp: 344191
Ion Ratio Lower Upper
45 100
77 21.2 0.0 34.3
79 17.6 0.0 31.4



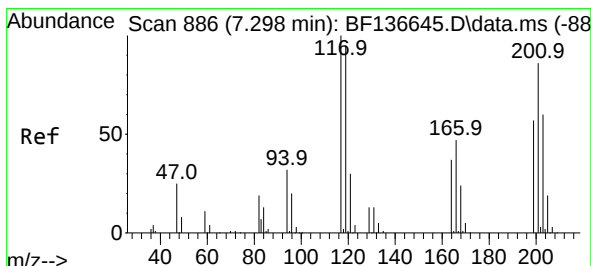
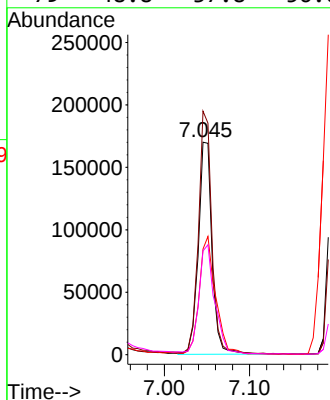
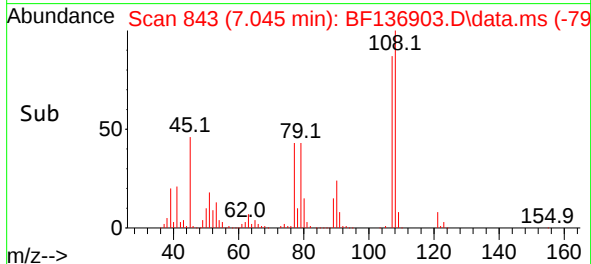


#17
2-Methylphenol
Concen: 39.030 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Instrument :
BNA_F
ClientSampleId :
PB158099BS

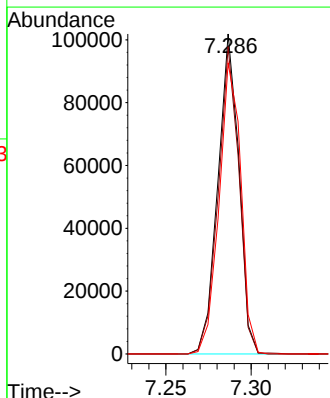
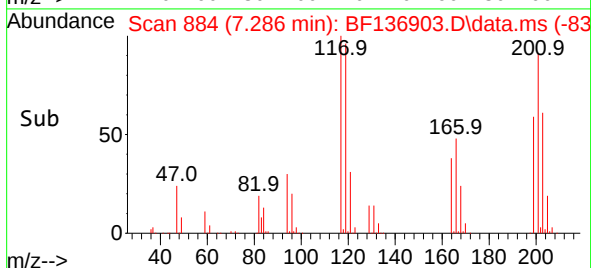
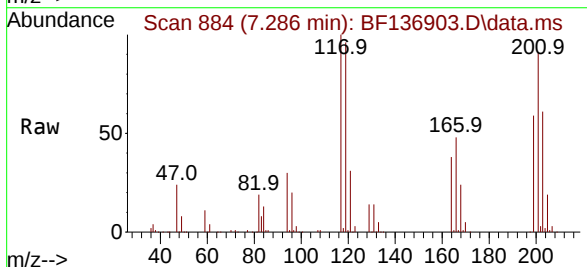


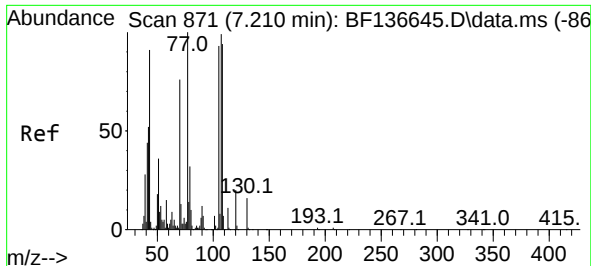
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.3	135.5
77	49.7	38.7	58.1
79	48.8	37.8	56.6



#18
Hexachloroethane
Concen: 36.793 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.6
201	91.0	69.1	103.7

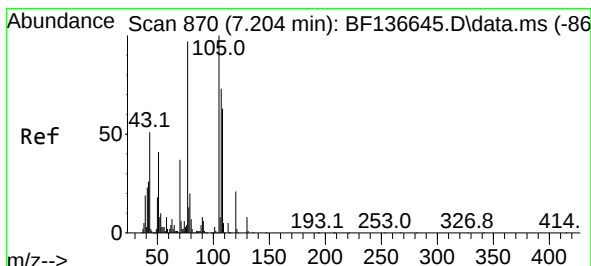
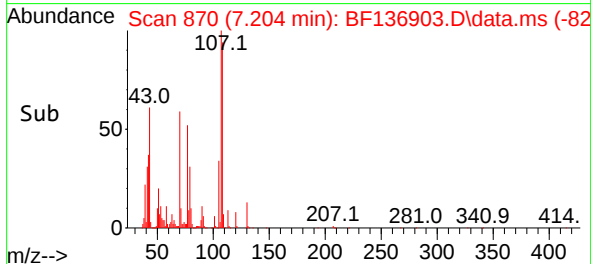
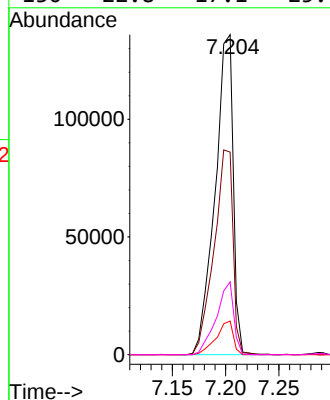
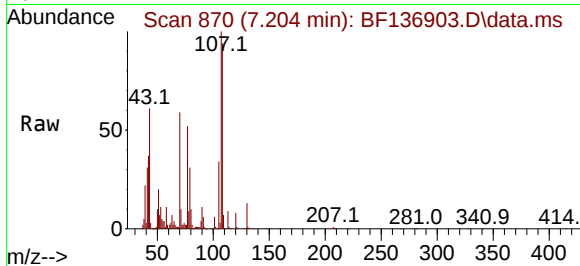




#19
n-Nitroso-di-n-propylamine
Concen: 38.229 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

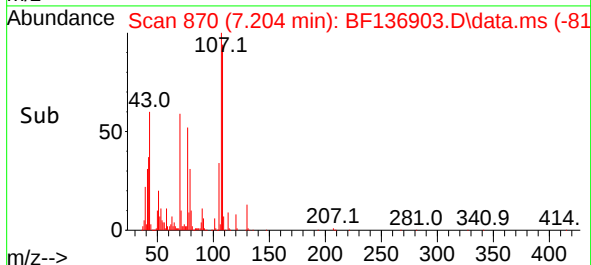
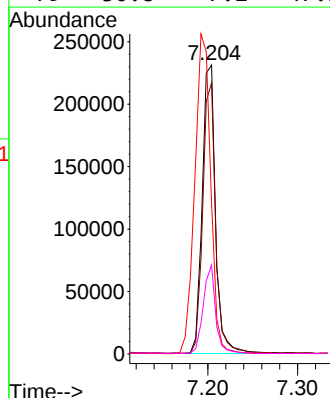
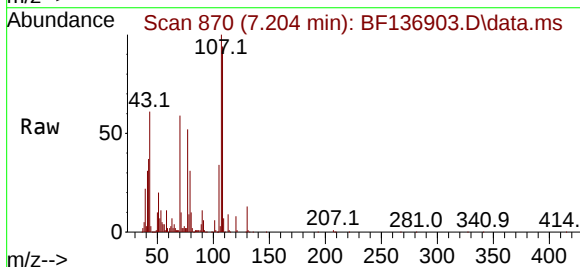
Instrument :
BNA_F
ClientSampleId :
PB158099BS

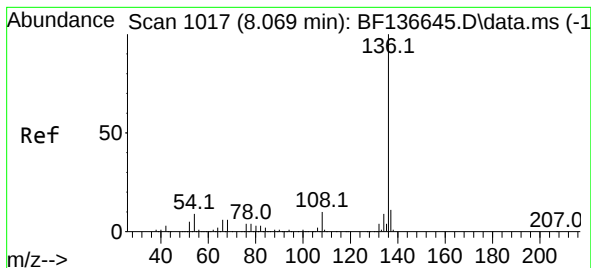
Tgt Ion: 70 Resp: 161000
Ion Ratio Lower Upper
70 100
42 63.3 54.2 81.4
101 10.5 7.6 11.4
130 22.8 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.222 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion: 107 Resp: 238180
Ion Ratio Lower Upper
107 100
108 93.9 66.0 106.0
77 52.4 114.2 154.2#
79 30.8 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

Tgt Ion:136 Resp: 336137

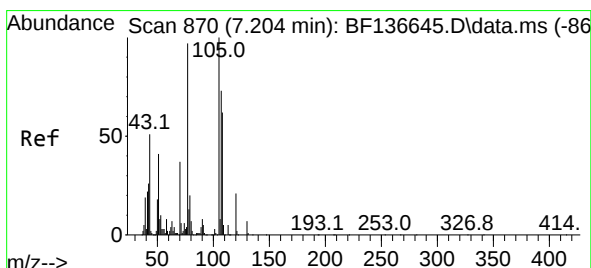
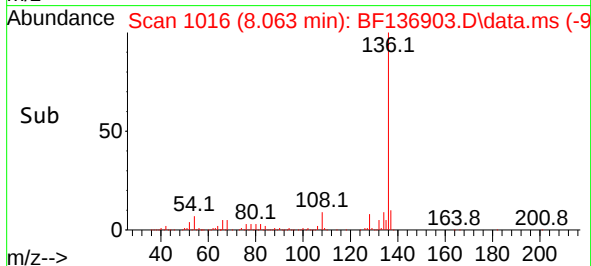
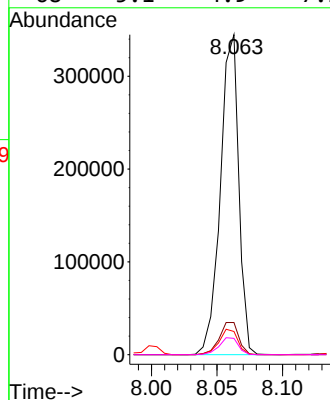
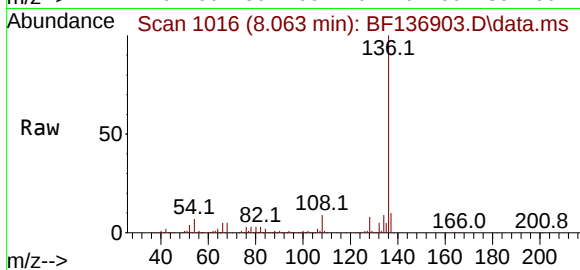
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 7.3 7.2 10.8

68 5.1 4.9 7.3



#22

Acetophenone

Concen: 38.973 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Tgt Ion:105 Resp: 328360

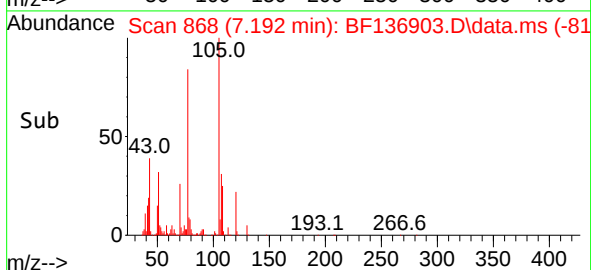
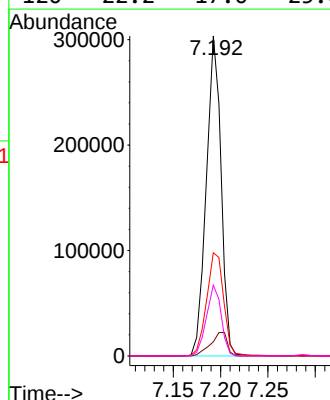
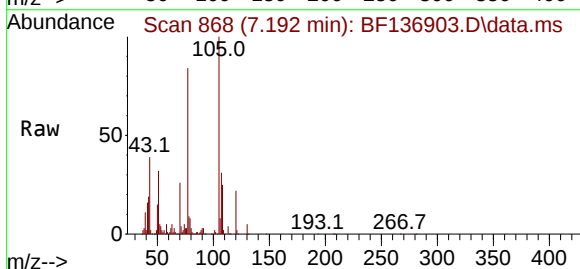
Ion Ratio Lower Upper

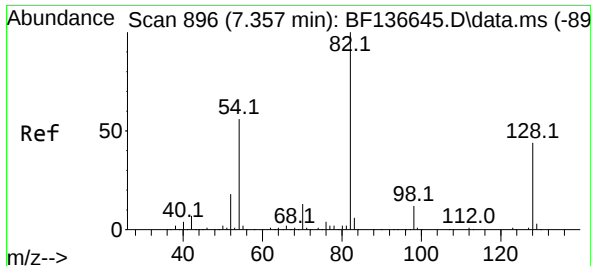
105 100

71 4.4 4.8 7.2#

51 32.3 32.8 49.2#

120 22.2 17.0 25.6

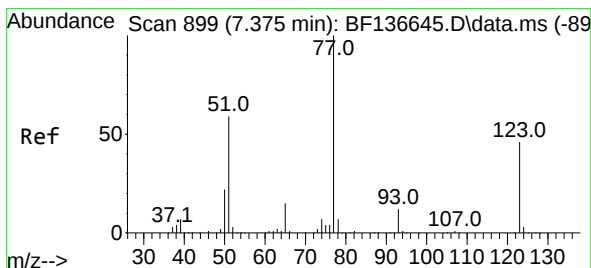
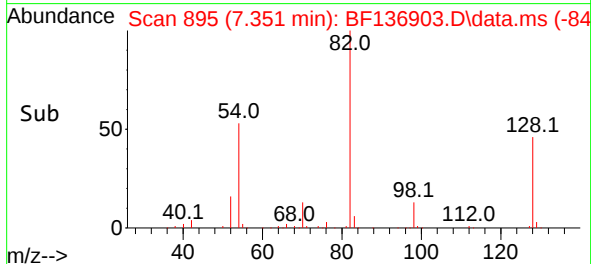
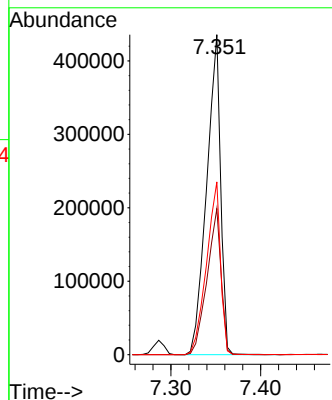
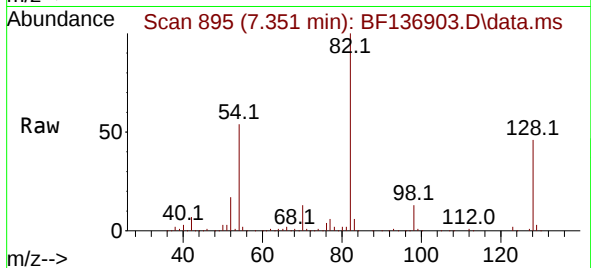




#23
Nitrobenzene-d5
Concen: 71.825 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

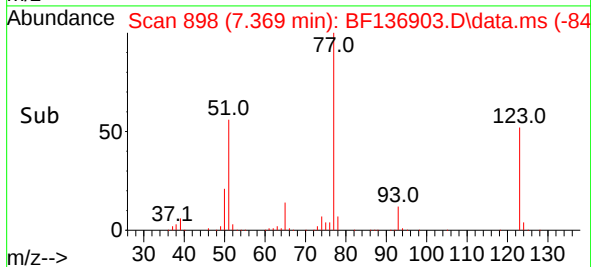
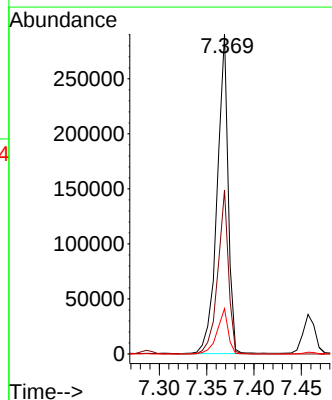
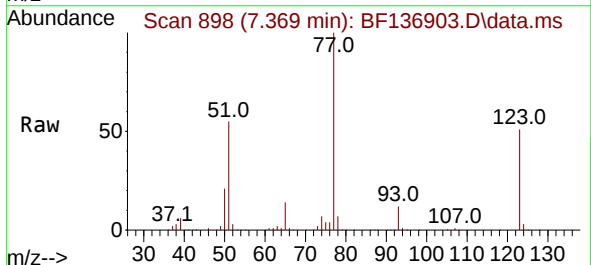
Instrument :
BNA_F
ClientSampleId :
PB158099BS

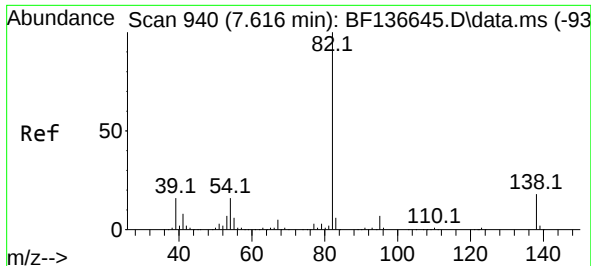
Tgt Ion: 82 Resp: 471813
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 54.0 44.5 66.7



#24
Nitrobenzene
Concen: 35.693 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion: 77 Resp: 234870
Ion Ratio Lower Upper
77 100
123 51.3 36.7 55.1
65 14.2 11.8 17.6

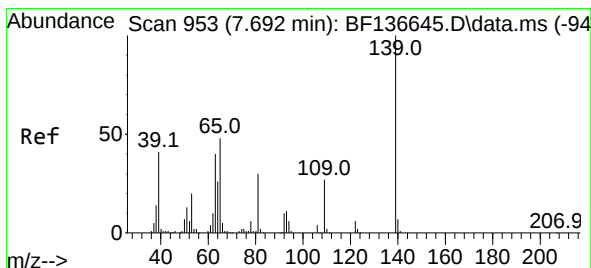
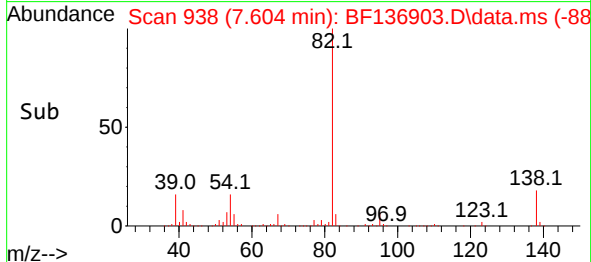
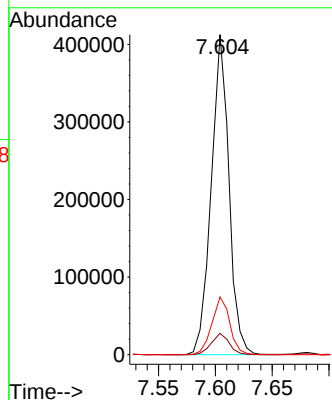
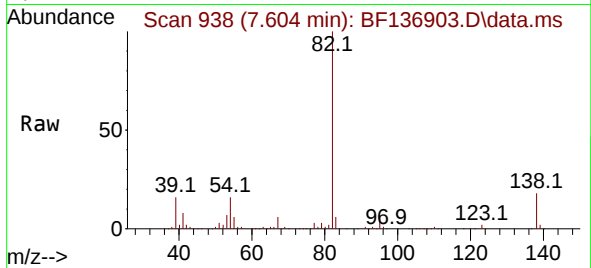




#25
Isophorone
Concen: 37.401 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

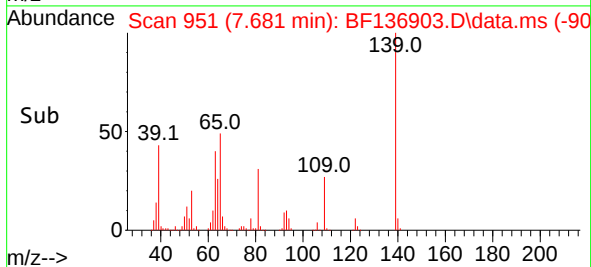
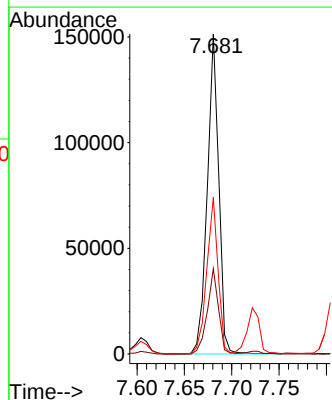
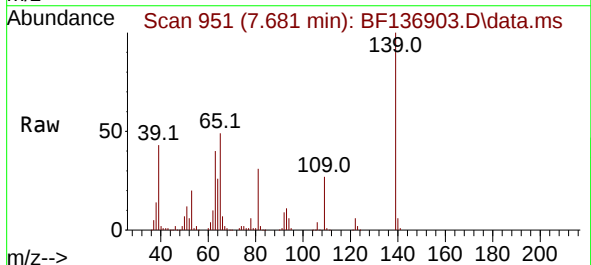
Instrument :
BNA_F
ClientSampleId :
PB158099BS

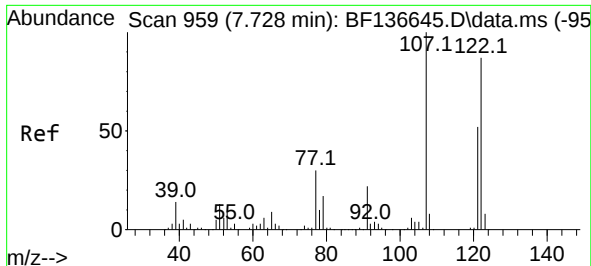
Tgt Ion: 82 Resp: 447043
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 40.451 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

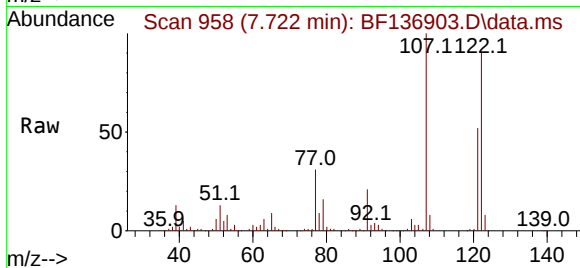
Tgt Ion: 139 Resp: 127352
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 48.9 38.6 58.0



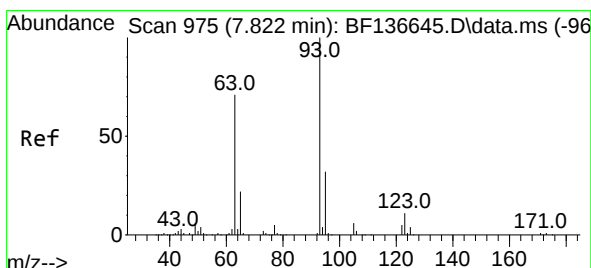
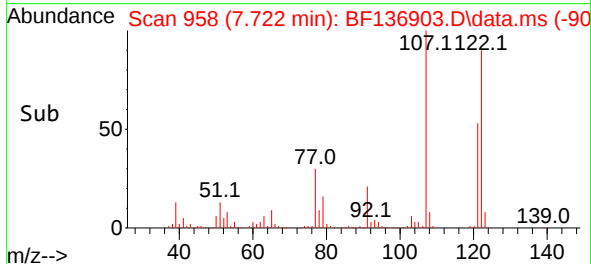
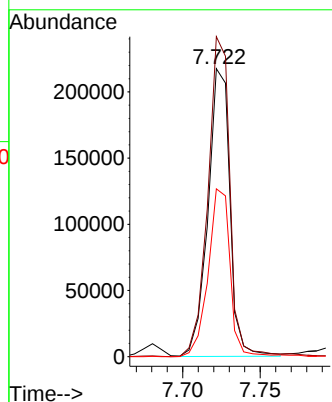


#27
2,4-Dimethylphenol
Concen: 55.822 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Instrument :
BNA_F
ClientSampleId :
PB158099BS

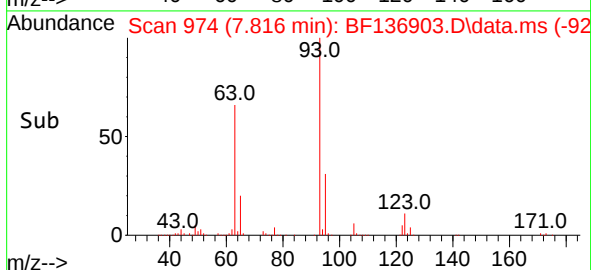
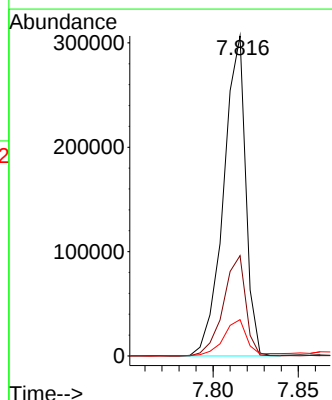
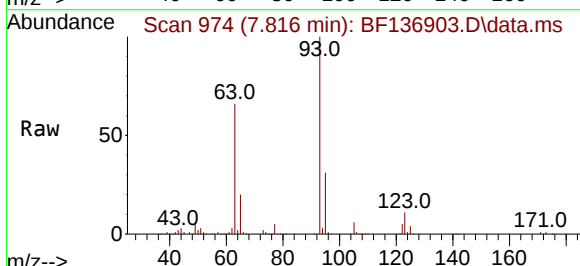


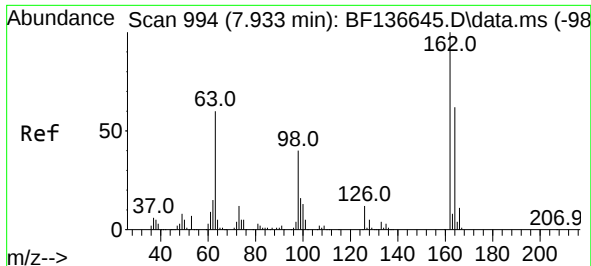
Tgt Ion:122 Resp: 213960
Ion Ratio Lower Upper
122 100
107 111.1 92.0 138.0
121 58.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.108 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion: 93 Resp: 276873
Ion Ratio Lower Upper
93 100
95 31.4 25.5 38.3
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.764 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136903.D

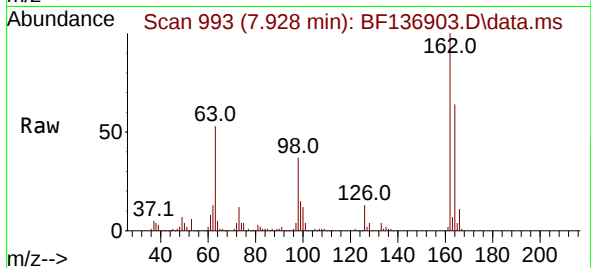
Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS



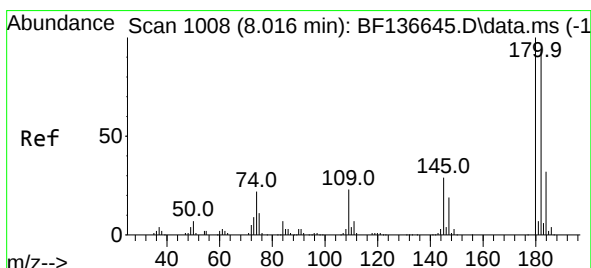
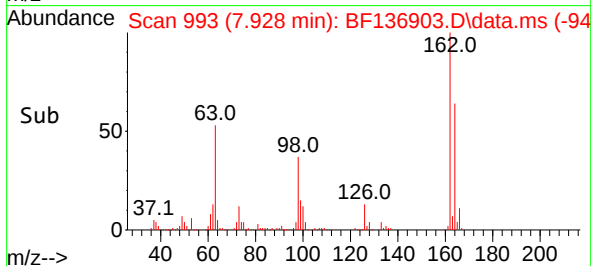
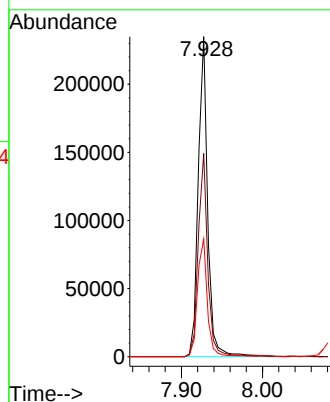
Tgt Ion:162 Resp: 191282

Ion Ratio Lower Upper

162 100

164 63.5 41.7 81.7

98 36.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 36.894 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

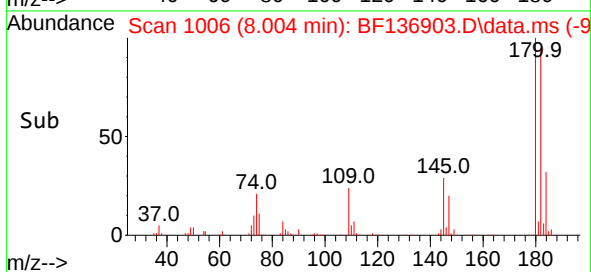
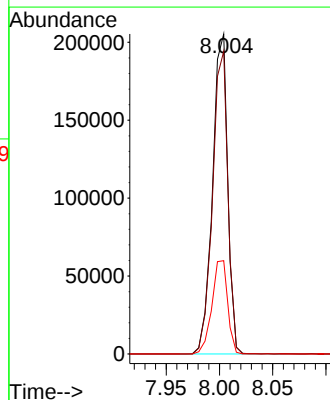
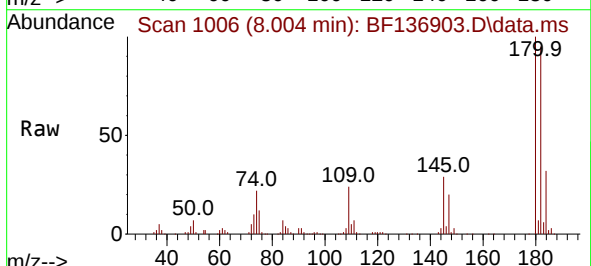
Tgt Ion:180 Resp: 202840

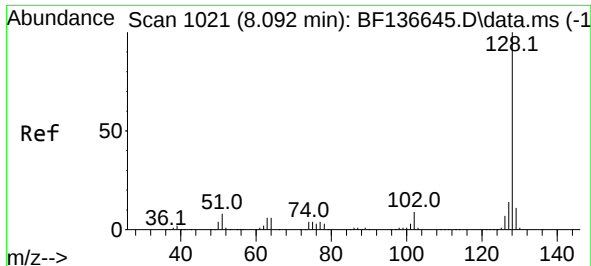
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

145 29.2 23.1 34.7

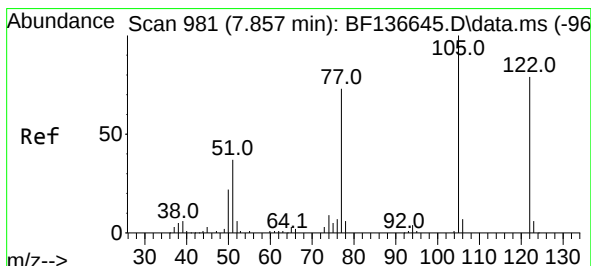
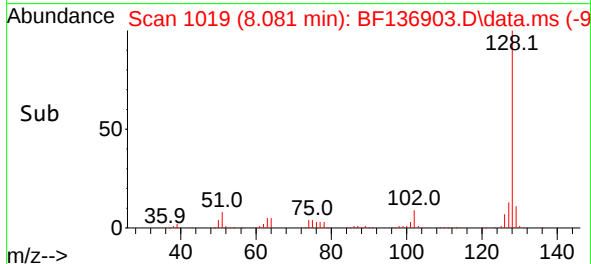
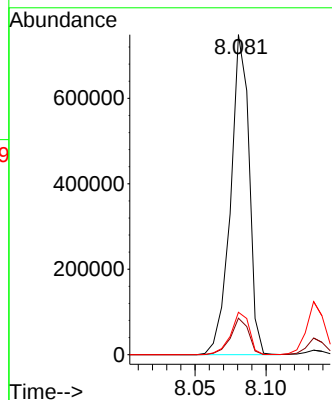
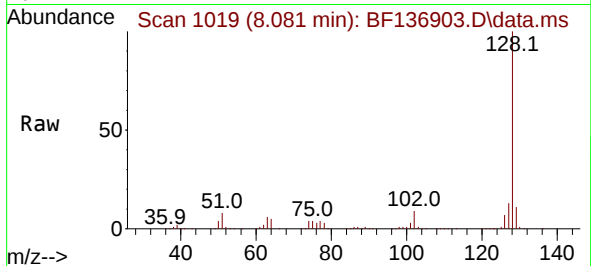




#31
Naphthalene
Concen: 36.828 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

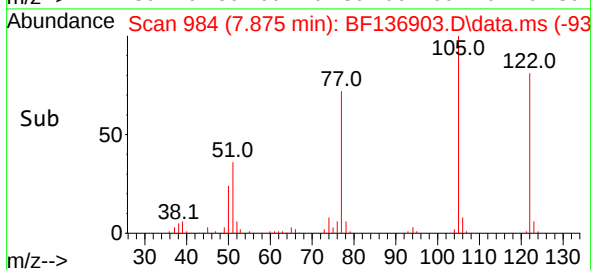
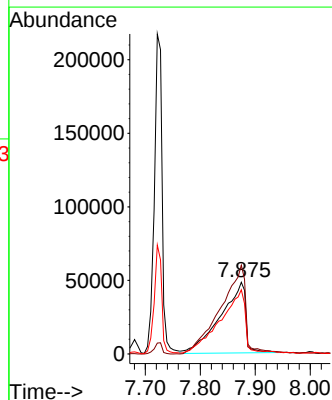
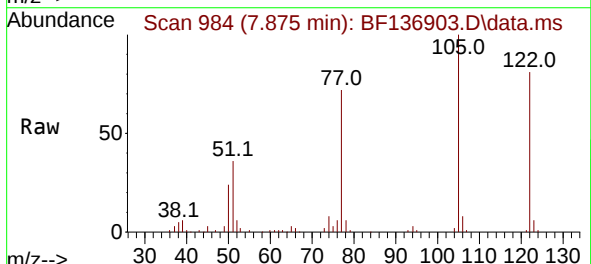
Instrument :
BNA_F
ClientSampleId :
PB158099BS

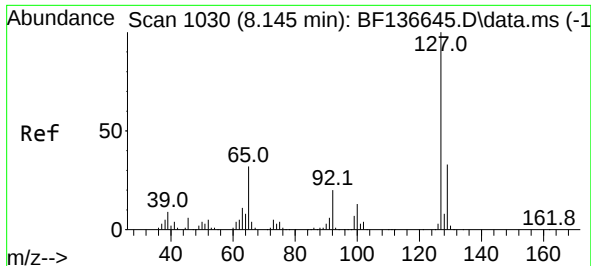
Tgt Ion:128 Resp: 680085
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 41.523 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:122 Resp: 153993
Ion Ratio Lower Upper
122 100
105 123.7 100.8 140.8
77 89.5 70.9 110.9

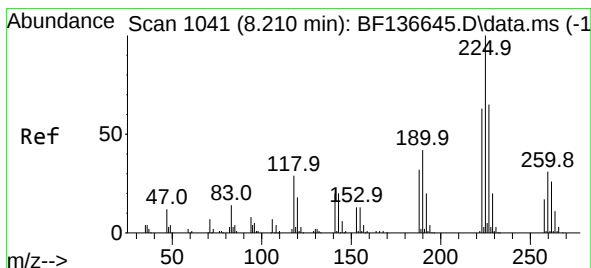
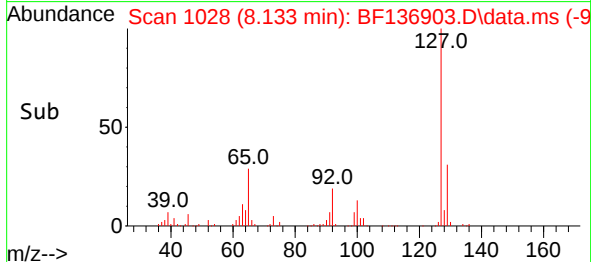
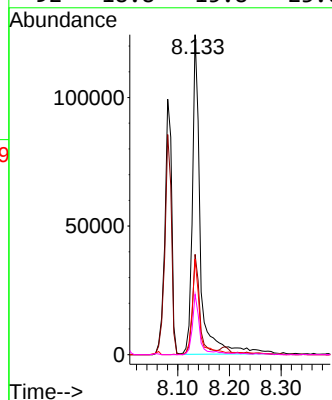
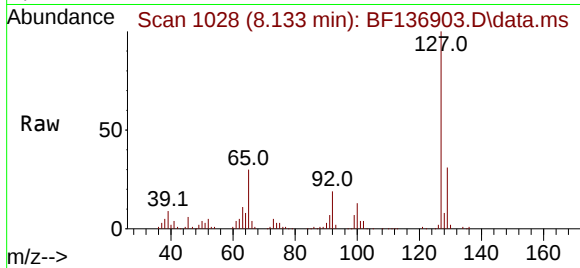




#33
4-Chloroaniline
Concen: 19.734 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

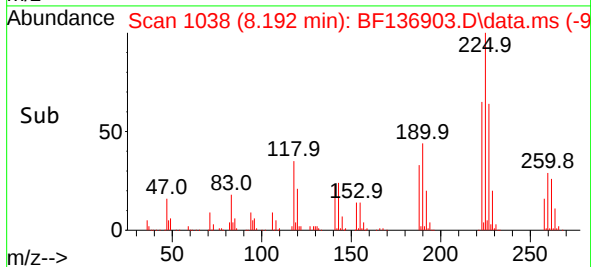
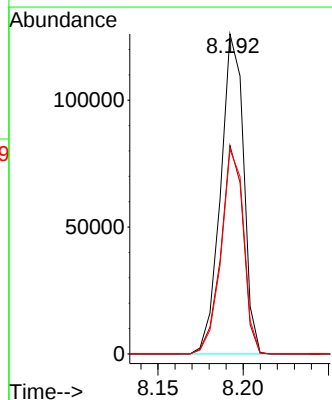
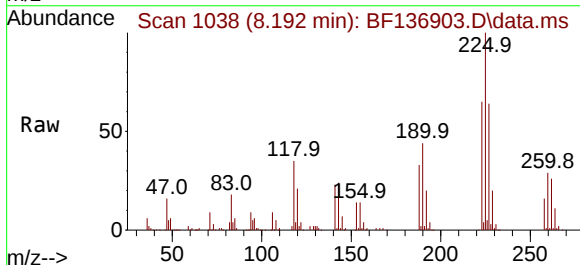
Instrument :
BNA_F
ClientSampleId :
PB158099BS

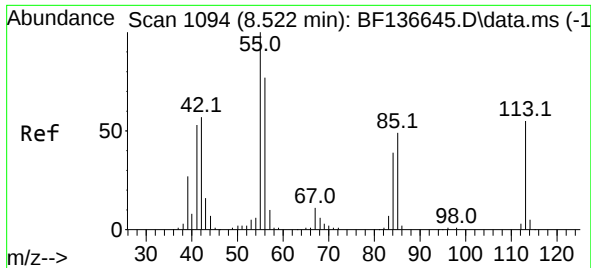
Tgt Ion:	127	Resp:	134551
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	29.9	25.8	38.8
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 35.341 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:	225	Resp:	118051
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	64.0	51.9	77.9

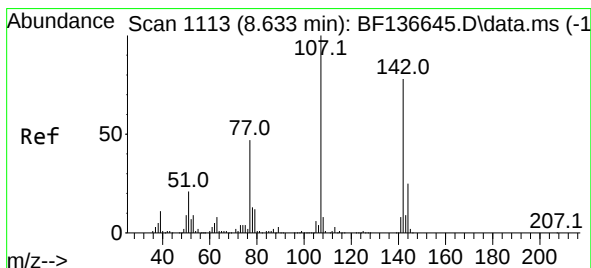
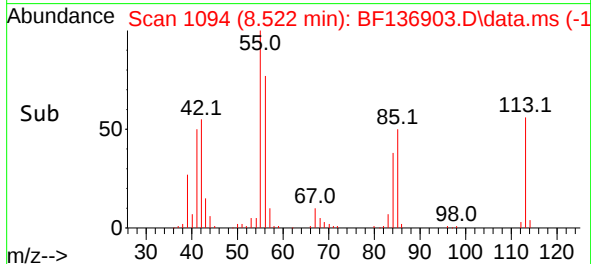
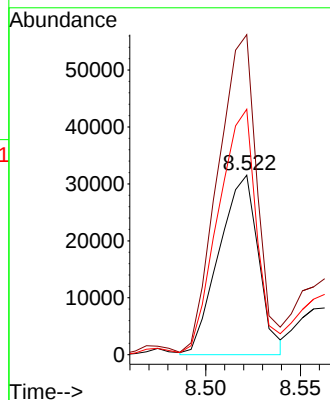
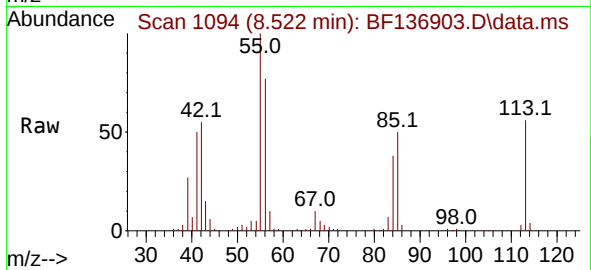




#35
 Caprolactam
 Concen: 28.102 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136903.D
 Acq: 03 Jan 2024 12:36

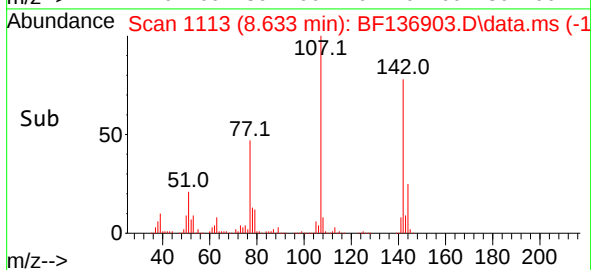
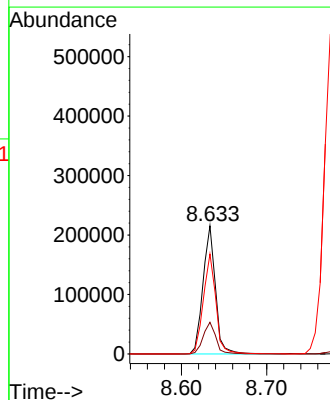
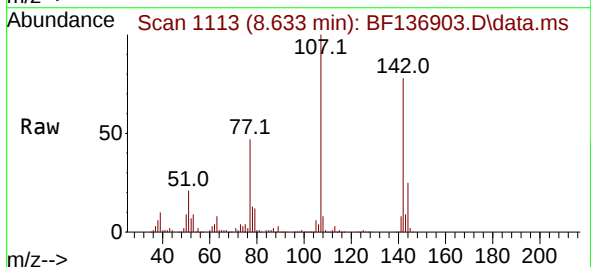
Instrument :
 BNA_F
 ClientSampleId :
 PB158099BS

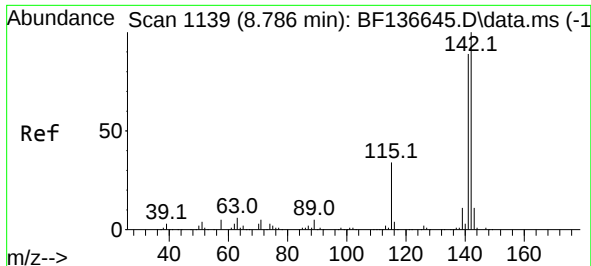
Tgt Ion:113 Resp: 45747
 Ion Ratio Lower Upper
 113 100
 55 178.2 163.1 203.1
 56 136.7 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.480 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136903.D
 Acq: 03 Jan 2024 12:36

Tgt Ion:107 Resp: 219320
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 78.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.810 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

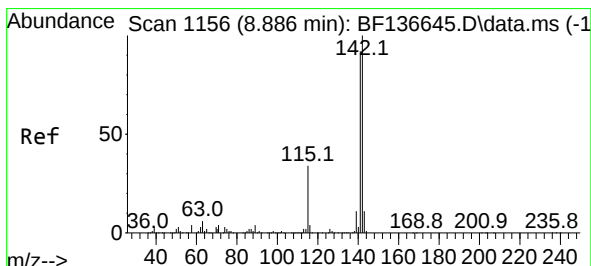
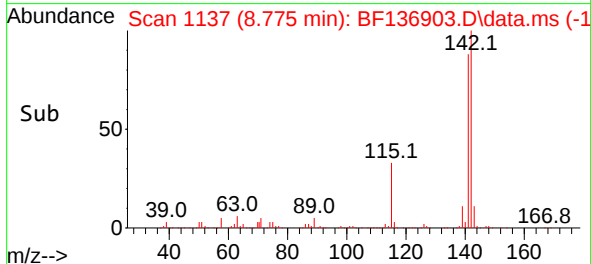
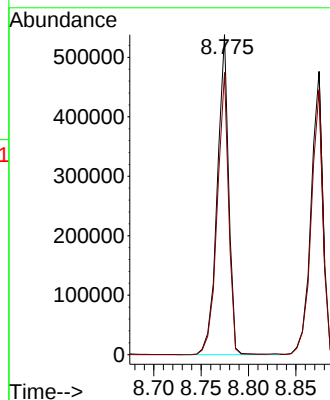
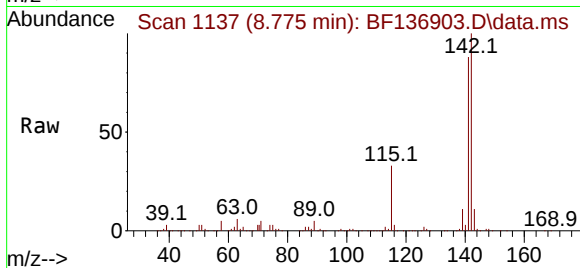
PB158099BS

Tgt Ion:142 Resp: 449350

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.597 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136903.D

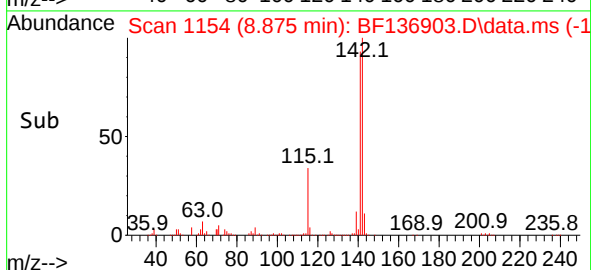
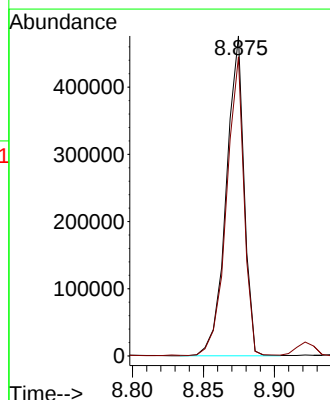
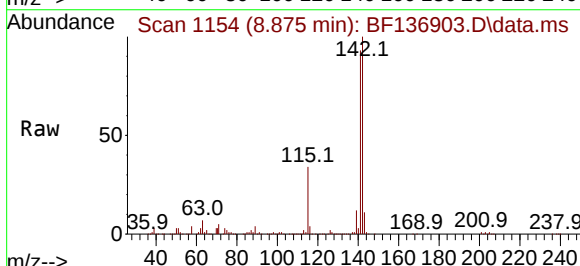
Acq: 03 Jan 2024 12:36

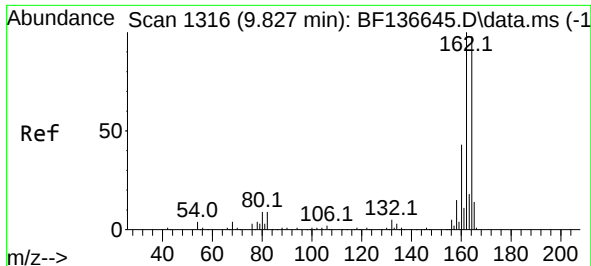
Tgt Ion:142 Resp: 415047

Ion Ratio Lower Upper

142 100

141 93.5 73.6 110.4

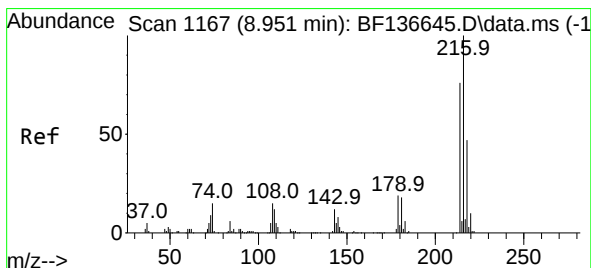
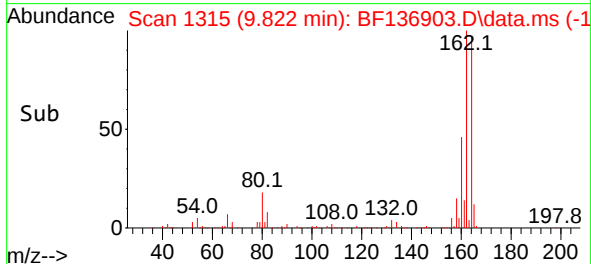
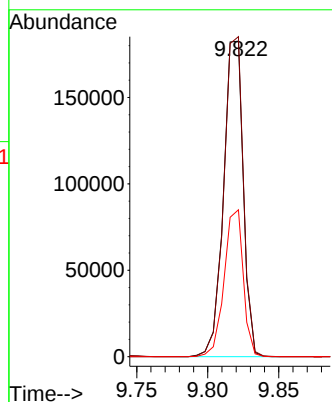
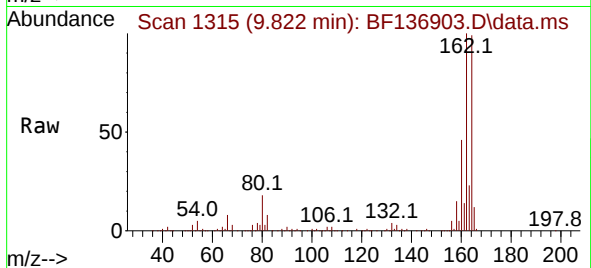




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

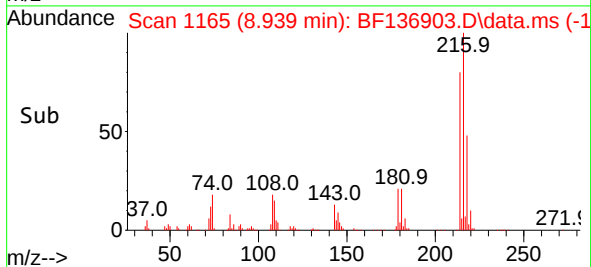
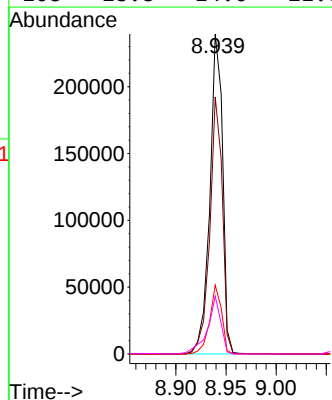
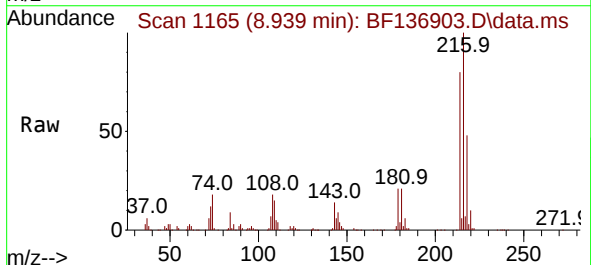
Instrument :
BNA_F
ClientSampleId :
PB158099BS

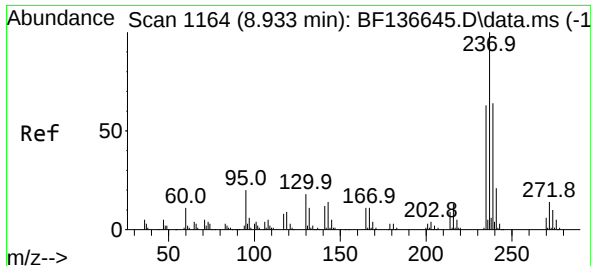
Tgt Ion:164 Resp: 176772
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 46.6 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.784 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:216 Resp: 212326
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 20.3 16.4 24.6
108 18.8 14.0 21.0

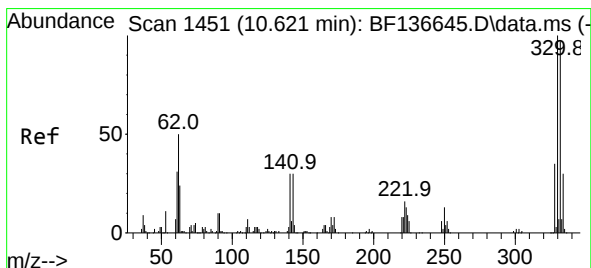
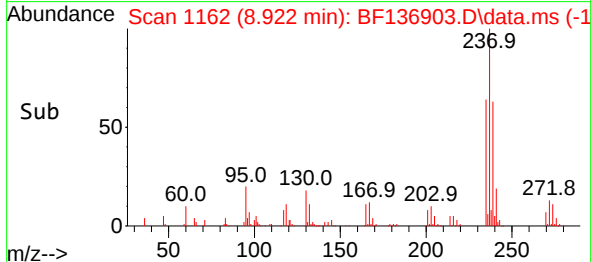
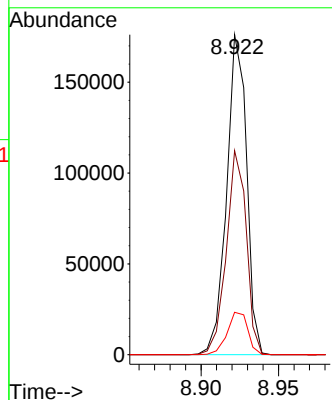
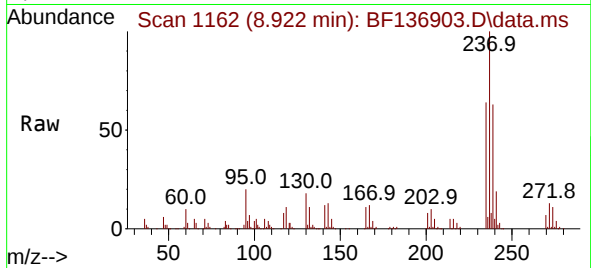




#41
Hexachlorocyclopentadiene
Concen: 89.716 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

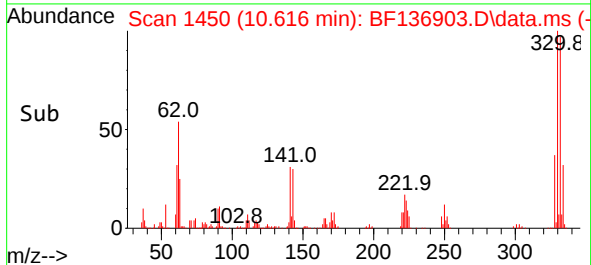
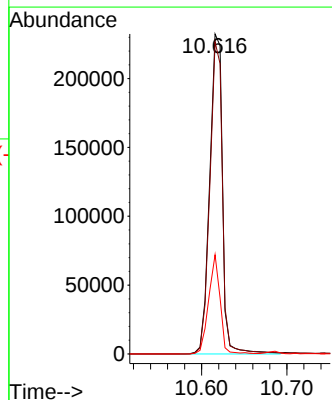
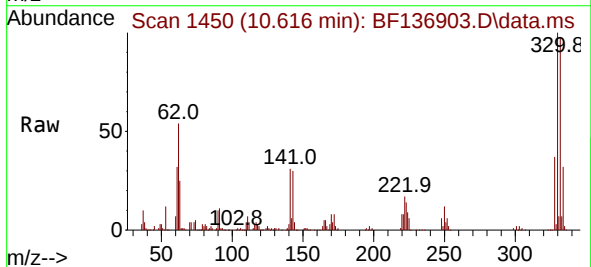
Instrument :
BNA_F
ClientSampleId :
PB158099BS

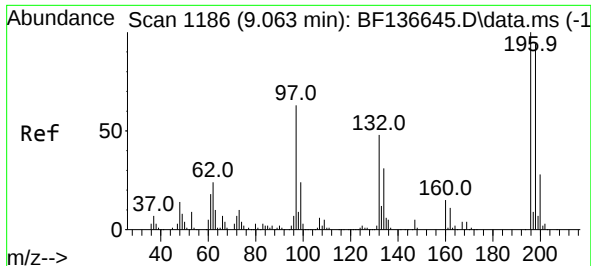
Tgt Ion:237 Resp: 157708
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 13.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 116.743 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:330 Resp: 243046
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 27.7 23.4 35.2

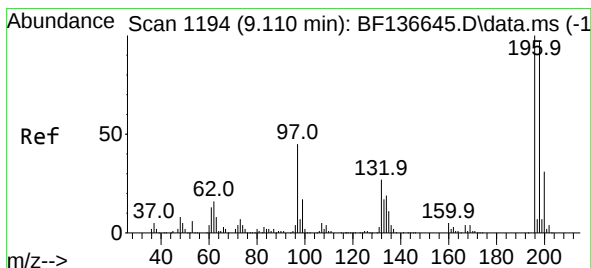
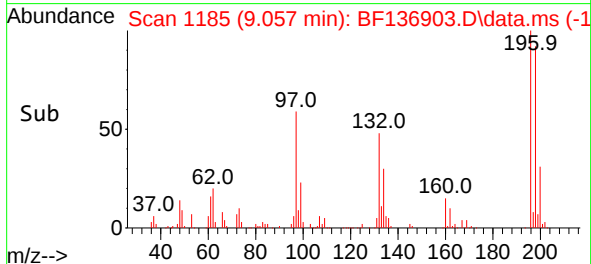
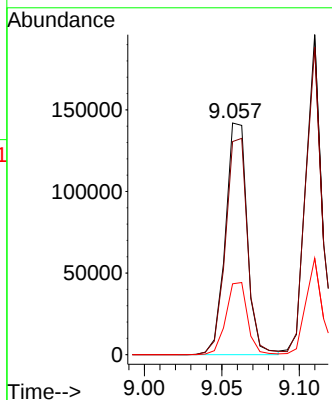
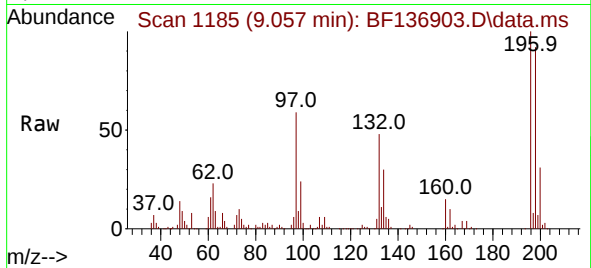




#43
2,4,6-Trichlorophenol
Concen: 39.562 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

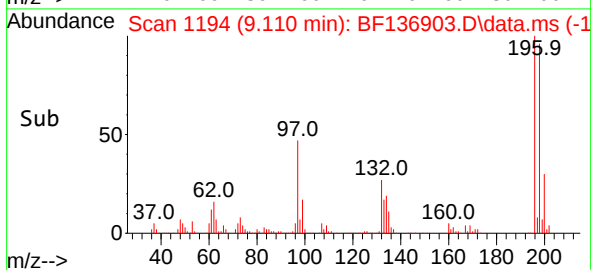
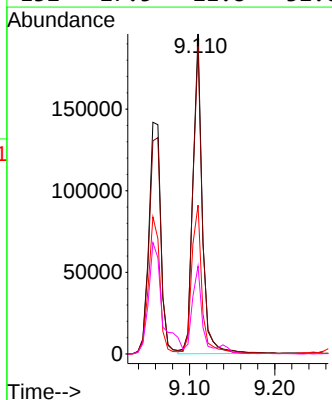
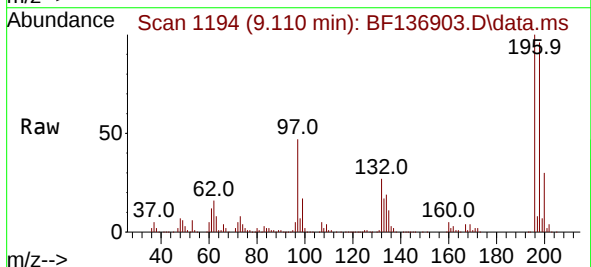
Instrument :
BNA_F
ClientSampleId :
PB158099BS

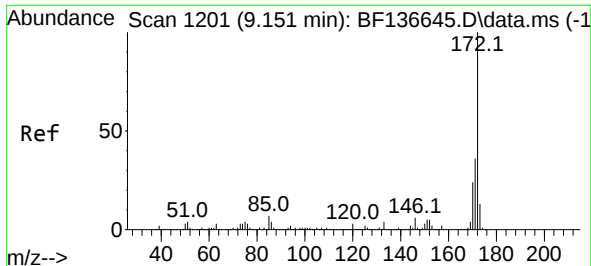
Tgt Ion:196 Resp: 138899
Ion Ratio Lower Upper
196 100
198 91.9 75.1 112.7
200 30.6 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 37.992 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:196 Resp: 148643
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.6
97 46.5 36.1 54.1
132 27.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.442 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

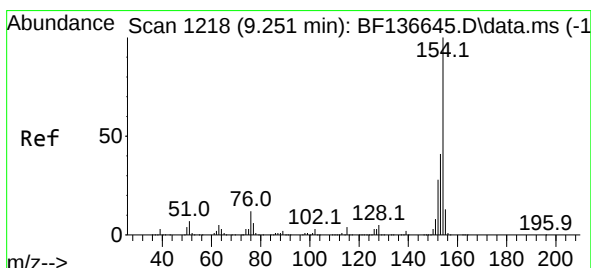
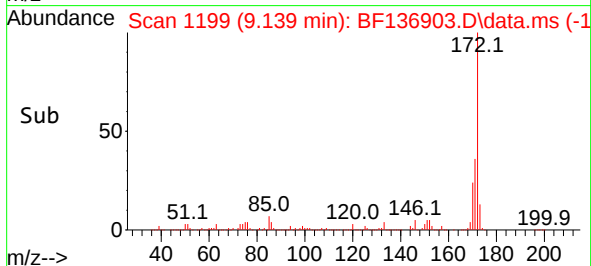
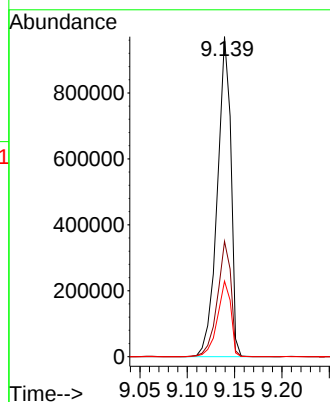
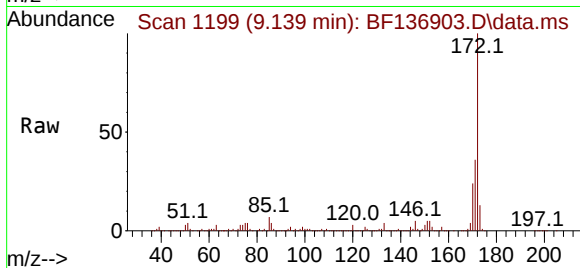
Tgt Ion:172 Resp: 965253

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.910 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

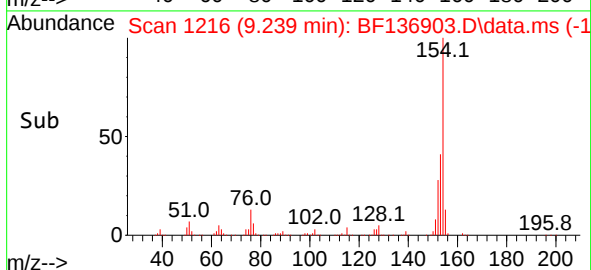
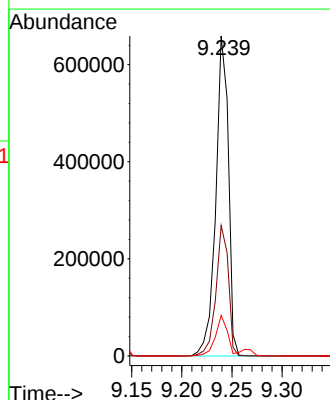
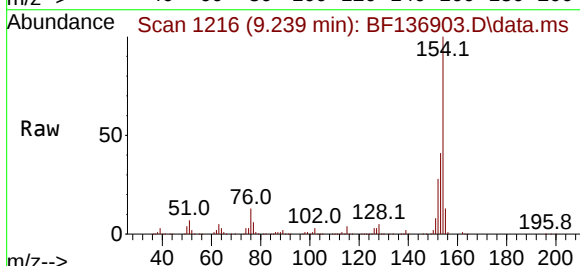
Tgt Ion:154 Resp: 577183

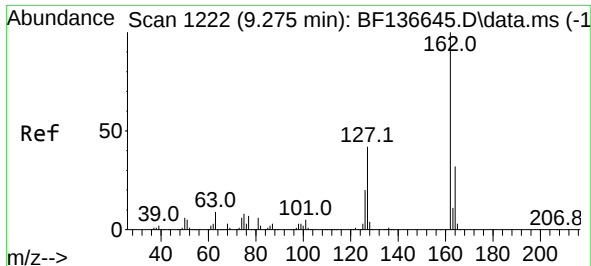
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 12.6 0.0 31.7

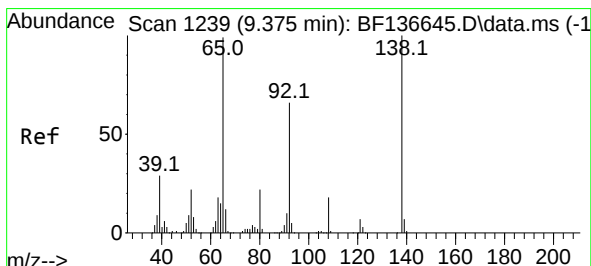
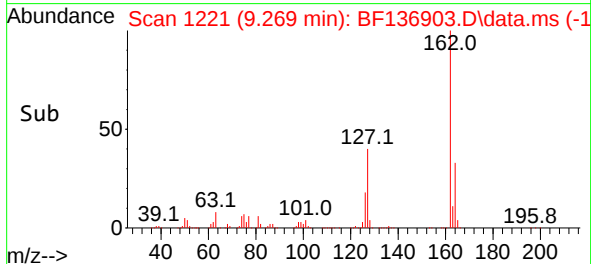
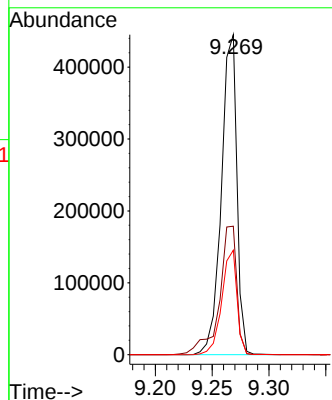
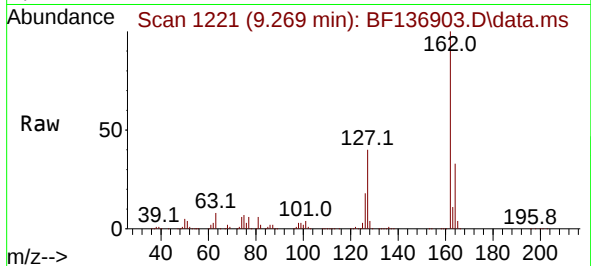




#47
2-Chloronaphthalene
Concen: 37.710 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

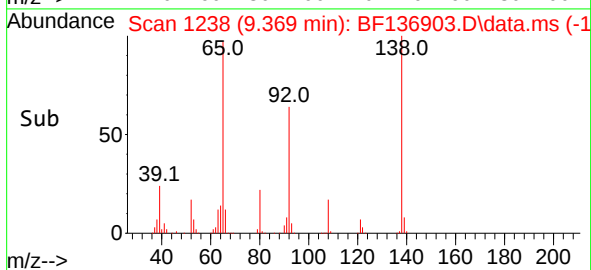
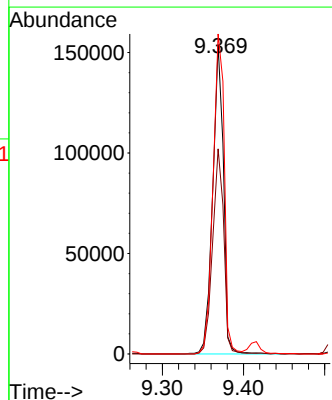
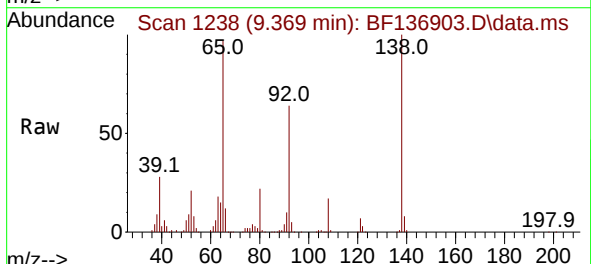
Instrument :
BNA_F
ClientSampleId :
PB158099BS

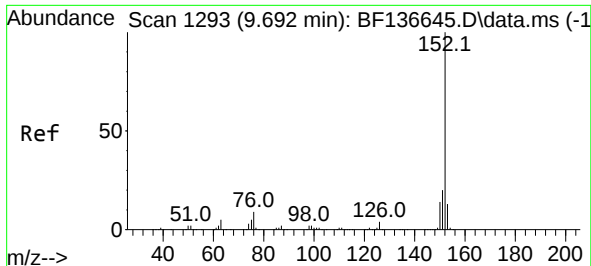
Tgt Ion:162 Resp: 425257
Ion Ratio Lower Upper
162 100
127 40.1 33.6 50.4
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 39.959 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion: 65 Resp: 141109
Ion Ratio Lower Upper
65 100
92 66.4 53.2 79.8
138 103.5 81.1 121.7





#49

Acenaphthylene

Concen: 39.823 ng

RT: 9.680 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

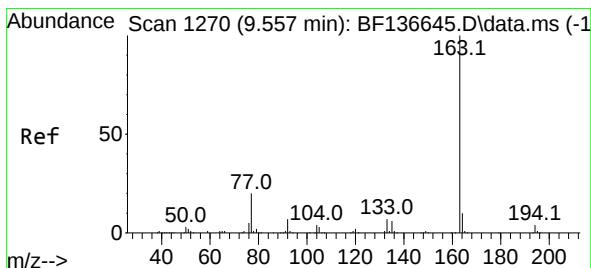
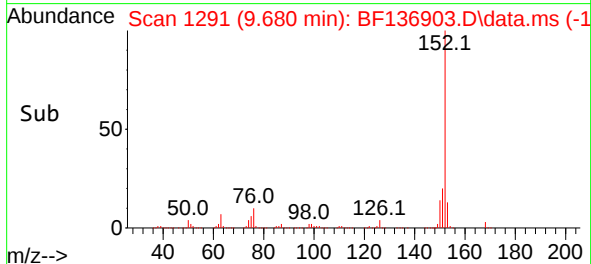
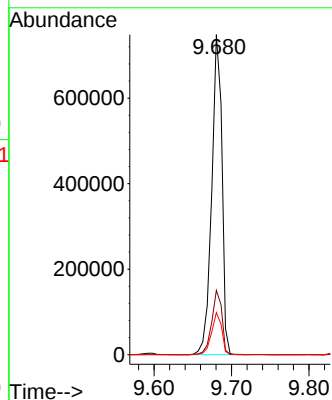
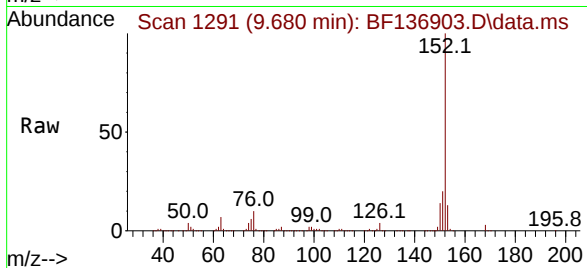
Tgt Ion:152 Resp: 686414

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.1 10.2 15.2



#50

Dimethylphthalate

Concen: 39.854 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

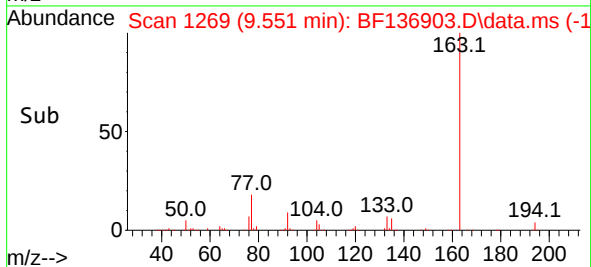
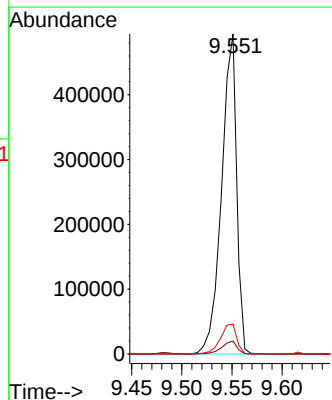
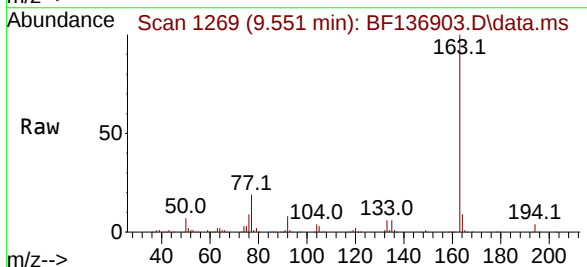
Tgt Ion:163 Resp: 514588

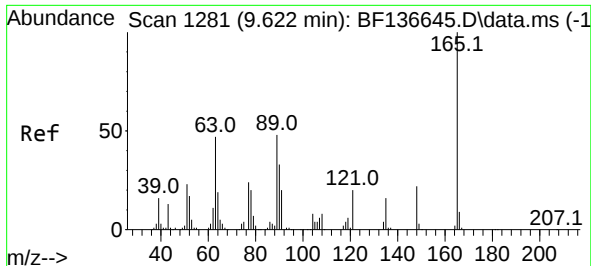
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.4 7.8 11.6

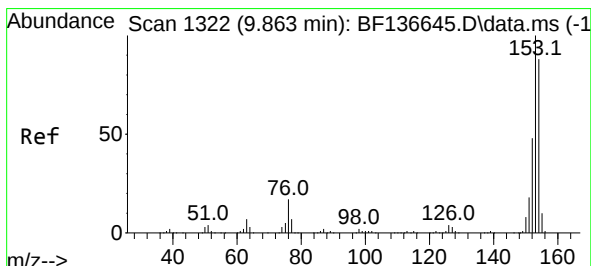
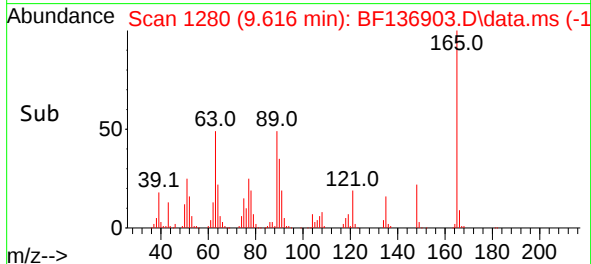
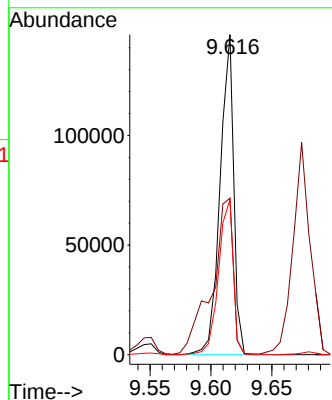
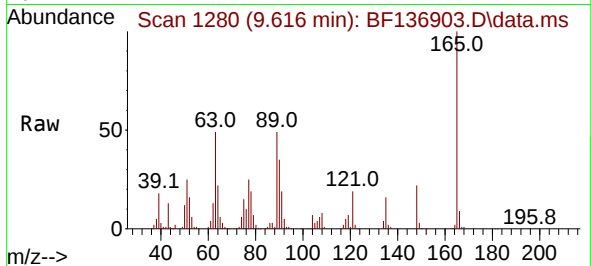




#51
2,6-Dinitrotoluene
Concen: 38.969 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

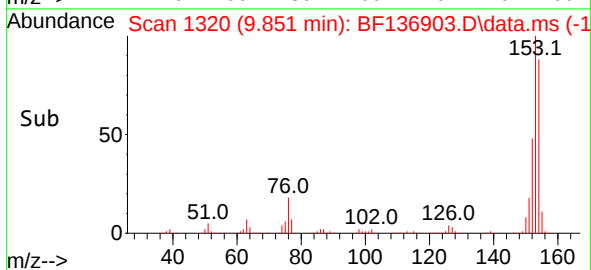
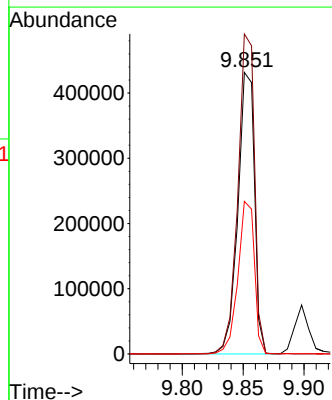
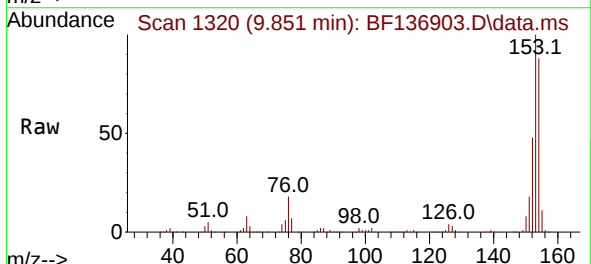
Instrument :
BNA_F
ClientSampleId :
PB158099BS

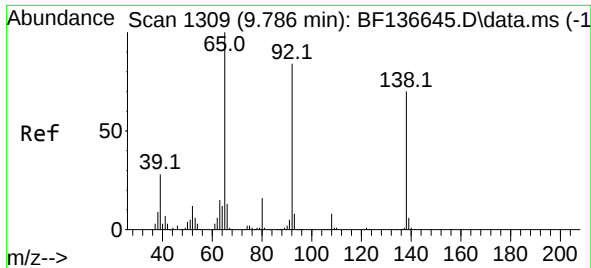
Tgt Ion:165 Resp: 114194
Ion Ratio Lower Upper
165 100
63 48.9 39.8 59.6
89 48.5 38.8 58.2



#52
Acenaphthene
Concen: 38.447 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:154 Resp: 410790
Ion Ratio Lower Upper
154 100
153 113.6 90.7 136.1
152 54.2 43.7 65.5

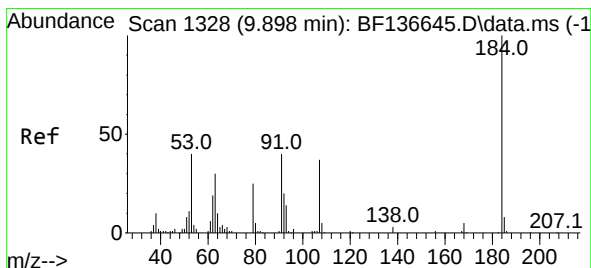
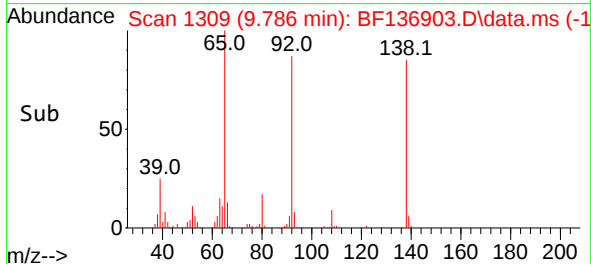
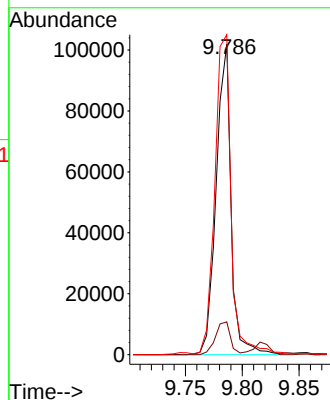
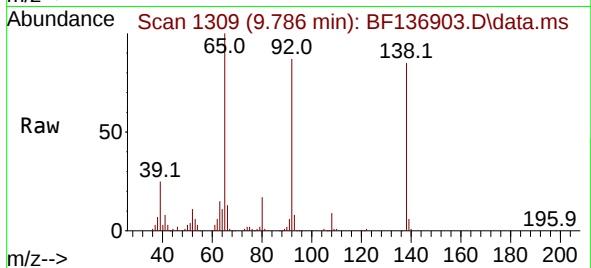




#53
3-Nitroaniline
Concen: 29.926 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

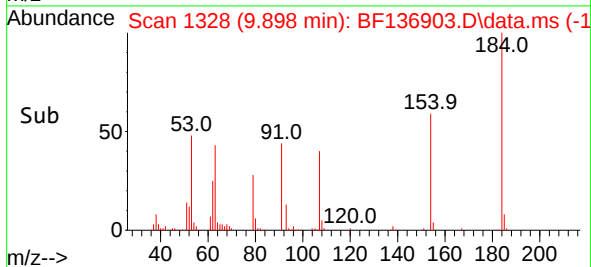
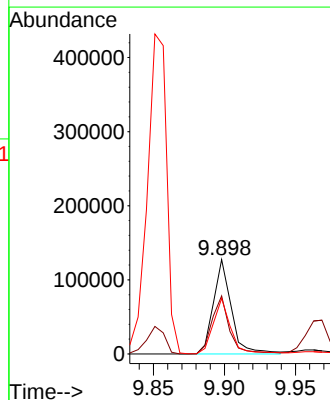
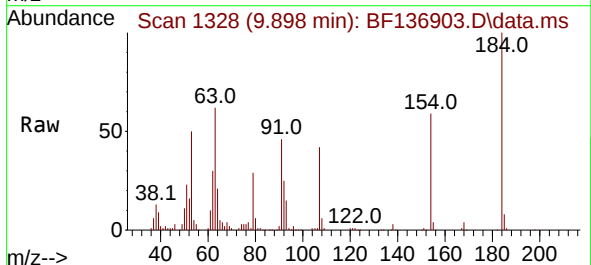
Instrument :
BNA_F
ClientSampleId :
PB158099BS

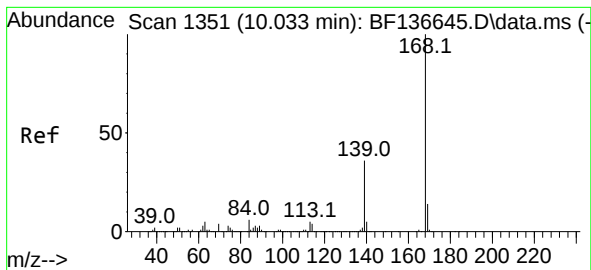
Tgt Ion:138 Resp: 92895
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 103.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 69.892 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:184 Resp: 112705
Ion Ratio Lower Upper
184 100
63 61.6 40.9 61.3#
154 58.9 42.7 64.1





#55

Dibenzenofuran

Concen: 38.353 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

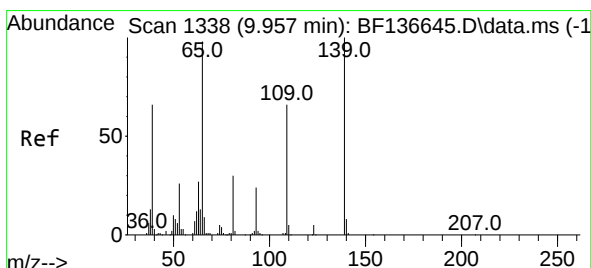
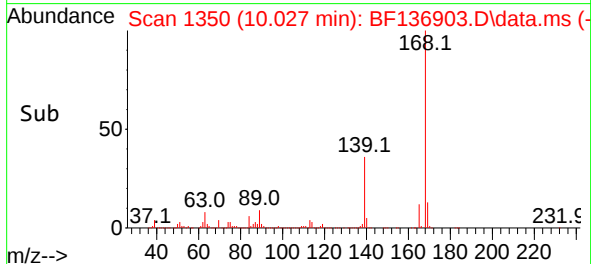
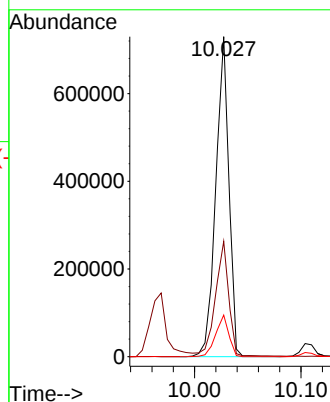
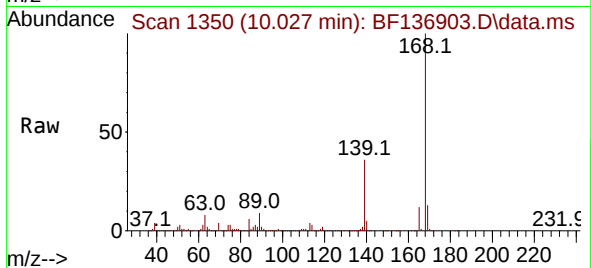
Tgt Ion:168 Resp: 621183

Ion Ratio Lower Upper

168 100

139 36.0 29.3 43.9

169 13.0 11.0 16.4



#56

4-Nitrophenol

Concen: 74.734 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

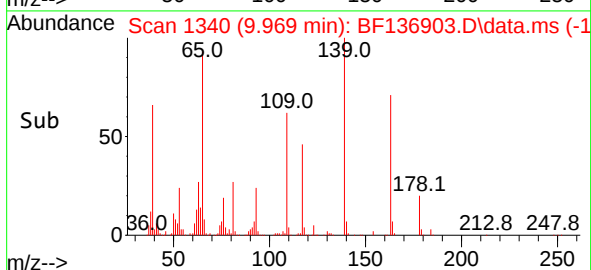
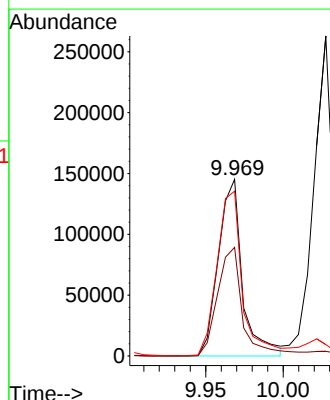
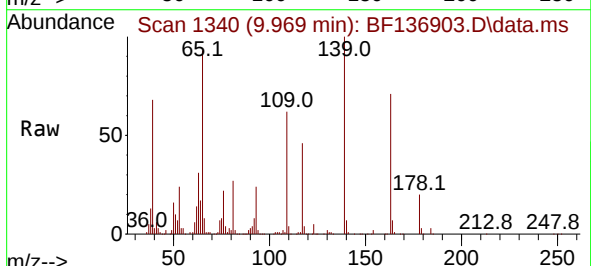
Tgt Ion:139 Resp: 156605

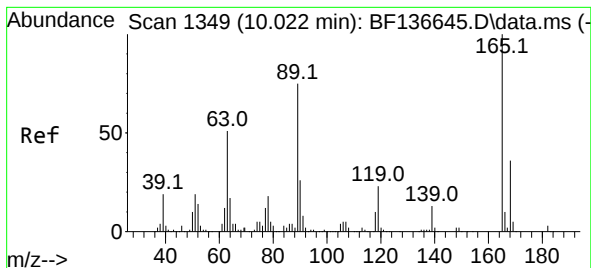
Ion Ratio Lower Upper

139 100

109 61.5 45.8 85.8

65 93.3 77.8 117.8

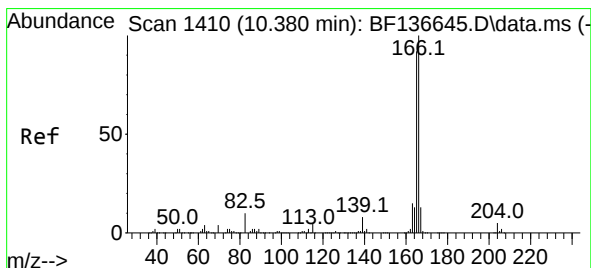
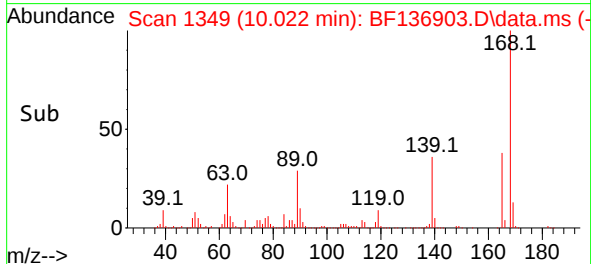
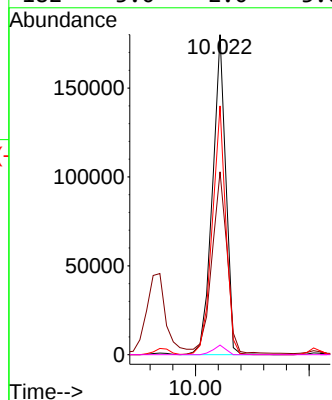
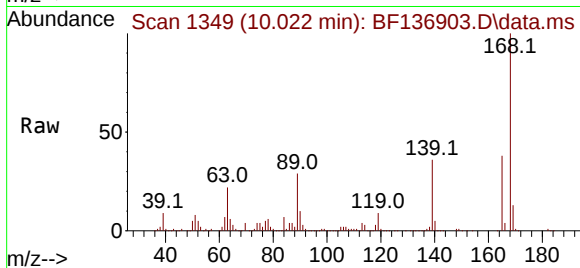




#57
2,4-Dinitrotoluene
Concen: 38.674 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

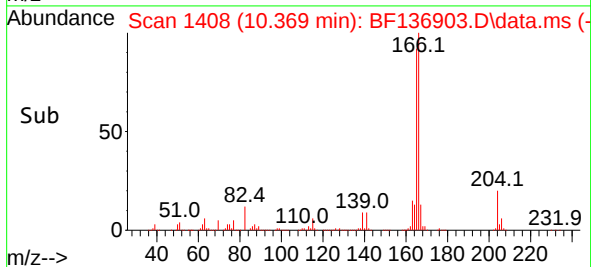
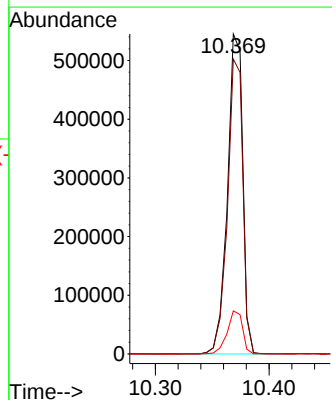
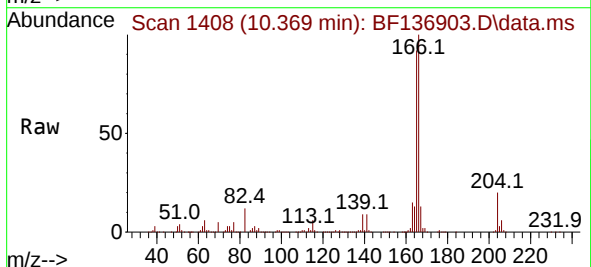
Instrument :
BNA_F
ClientSampleId :
PB158099BS

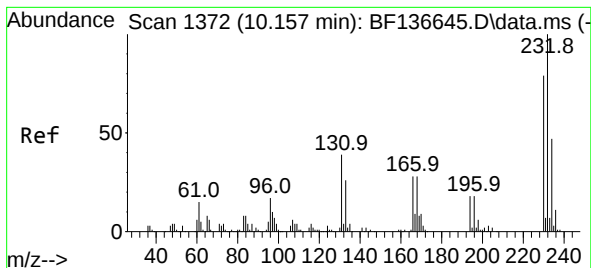
Tgt Ion:165 Resp: 147124
Ion Ratio Lower Upper
165 100
63 57.2 41.0 61.6
89 77.7 59.9 89.9
182 3.0 2.0 3.0



#58
Fluorene
Concen: 39.693 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:166 Resp: 510109
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.4 10.4 15.6

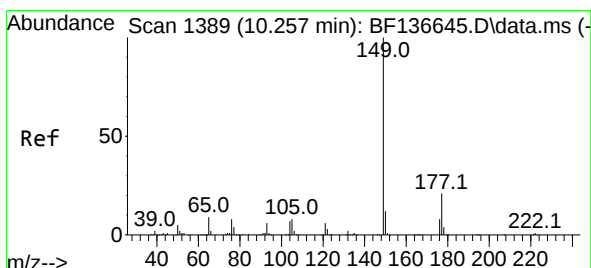
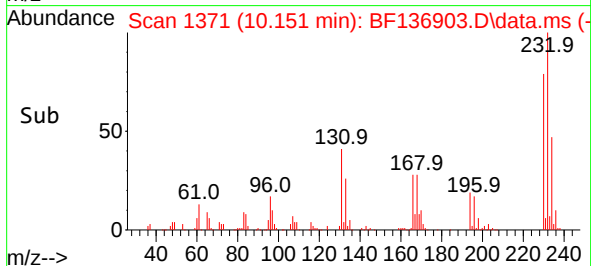
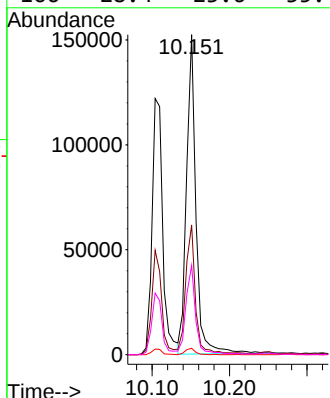
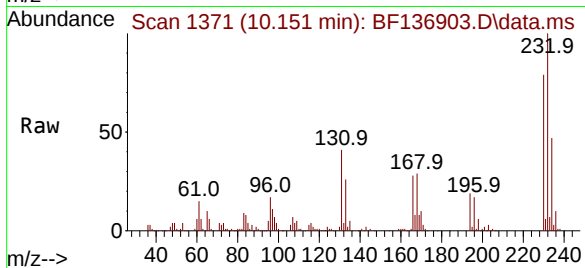




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.887 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

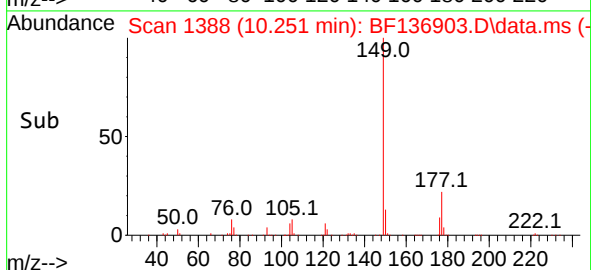
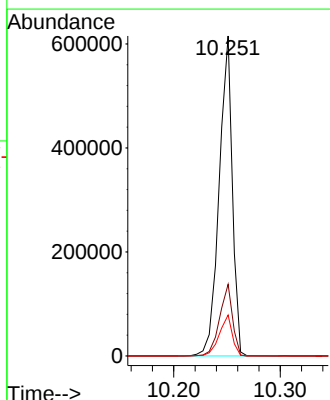
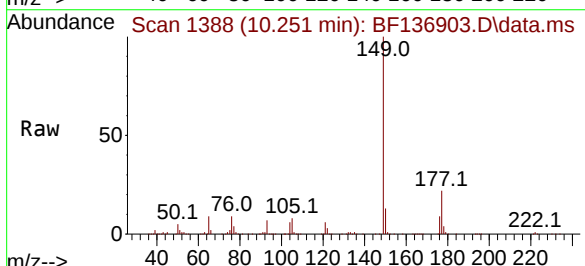
Instrument :
BNA_F
ClientSampleId :
PB158099BS

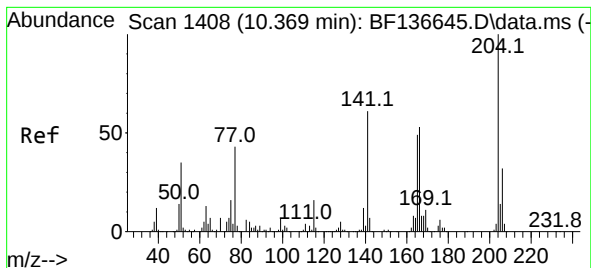
Tgt Ion:232 Resp: 129162
Ion Ratio Lower Upper
232 100
131 41.4 35.1 52.7
130 2.2 1.6 2.4
166 28.4 23.6 35.4



#60
Diethylphthalate
Concen: 39.297 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:149 Resp: 526454
Ion Ratio Lower Upper
149 100
177 22.4 16.9 25.3
150 12.8 9.3 13.9

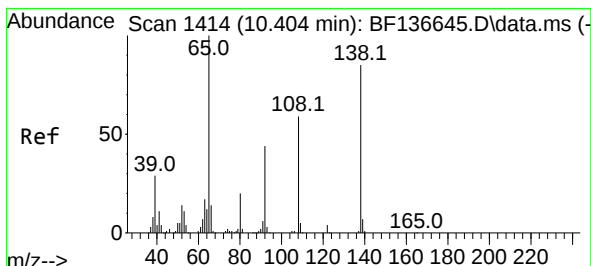
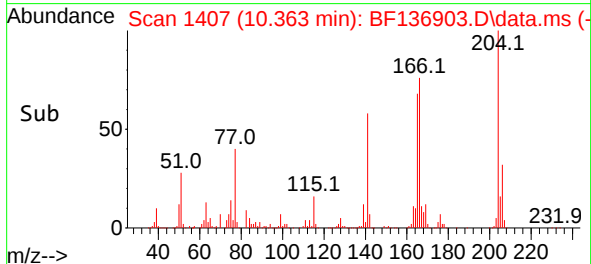
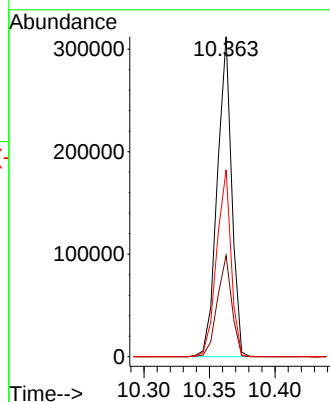
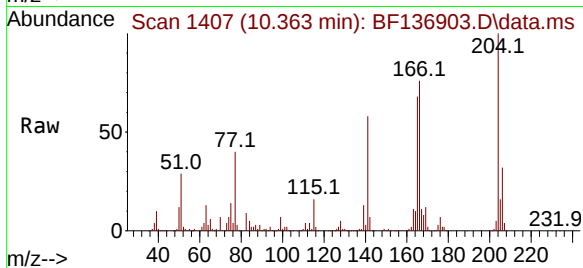




#61
4-Chlorophenyl-phenylether
Concen: 38.200 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

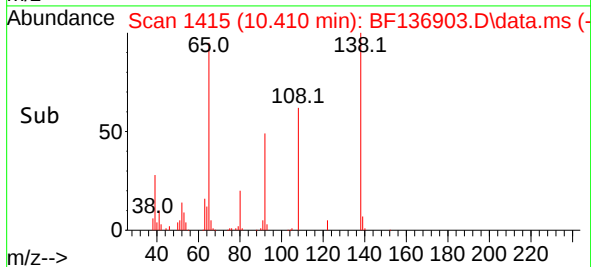
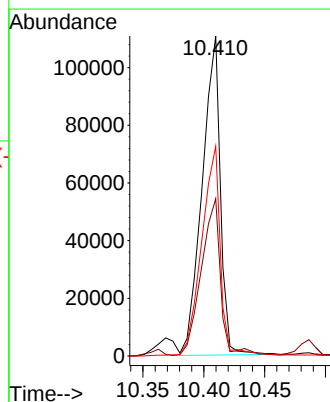
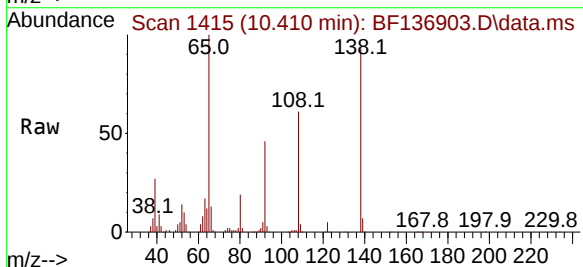
Instrument :
BNA_F
ClientSampleId :
PB158099BS

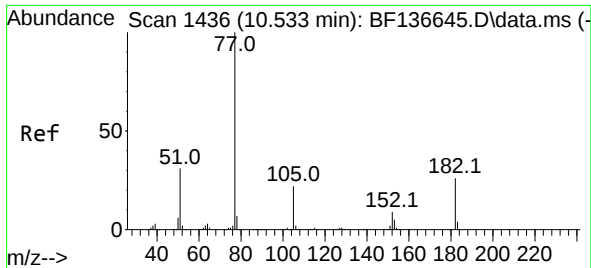
Tgt Ion:204 Resp: 238621
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 58.4 48.4 72.6



#62
4-Nitroaniline
Concen: 38.531 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:138 Resp: 115303
Ion Ratio Lower Upper
138 100
92 49.2 32.1 72.1
108 65.6 50.1 90.1

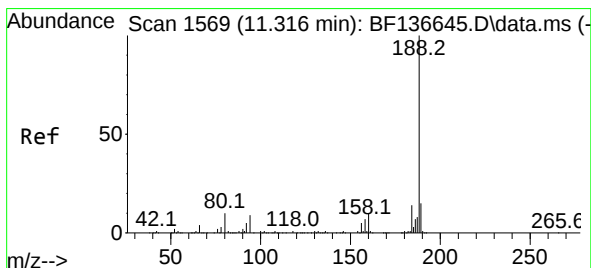
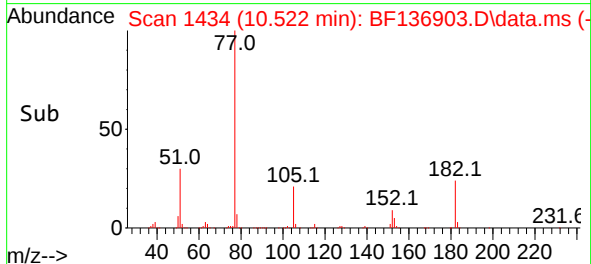
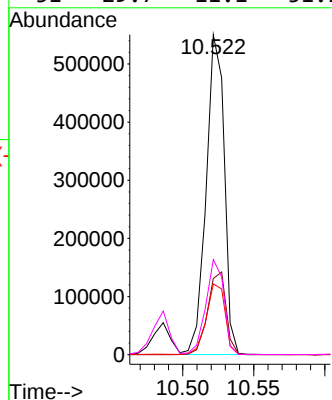
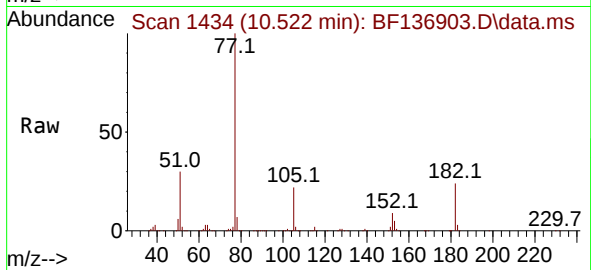




#63
Azobenzene
Concen: 38.940 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

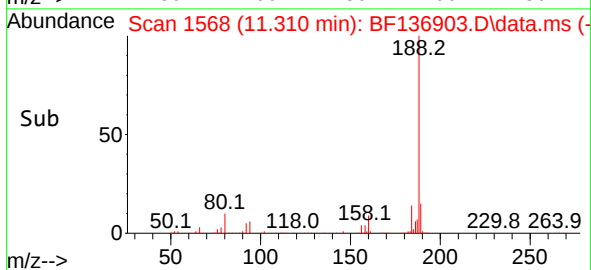
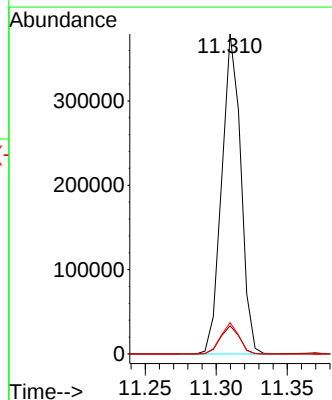
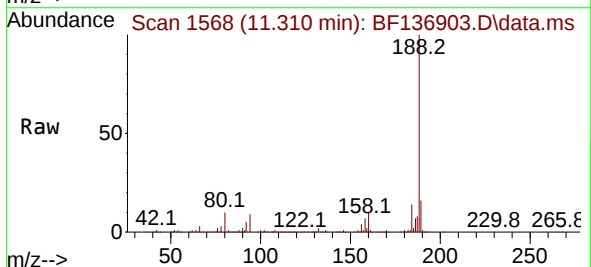
Instrument :
BNA_F
ClientSampleId :
PB158099BS

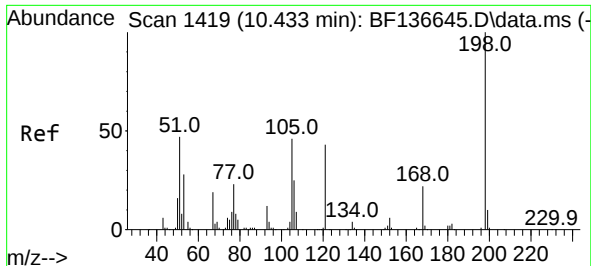
Tgt Ion: 77	Resp: 487251
Ion Ratio	Lower Upper
77 100	
182 23.8	6.0 46.0
105 22.1	2.3 42.3
51 29.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:188	Resp: 353564
Ion Ratio	Lower Upper
188 100	
94 8.8	7.5 11.3
80 9.8	8.1 12.1

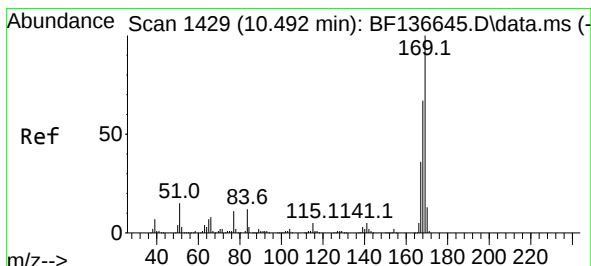
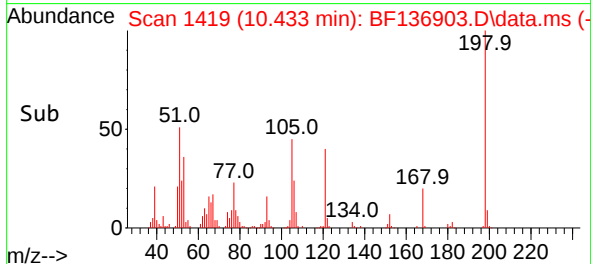
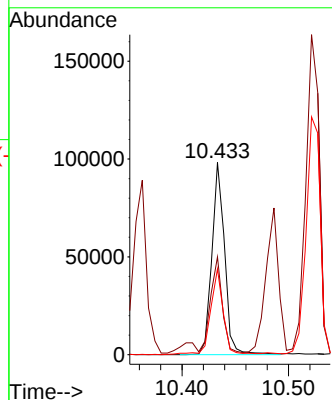
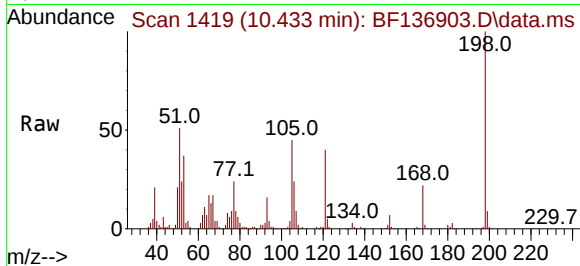




#65
4,6-Dinitro-2-methylphenol
Concen: 40.308 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

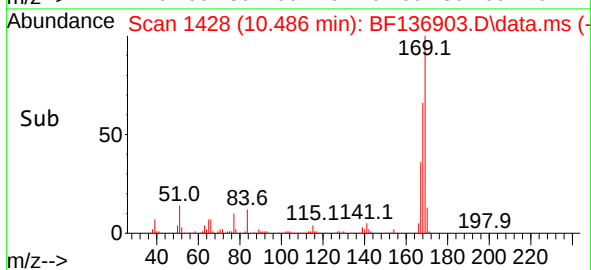
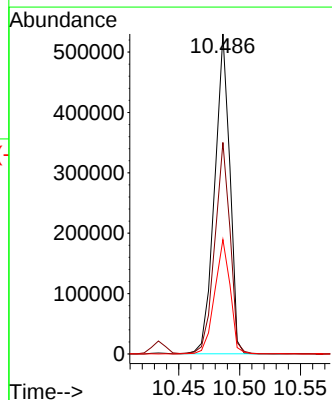
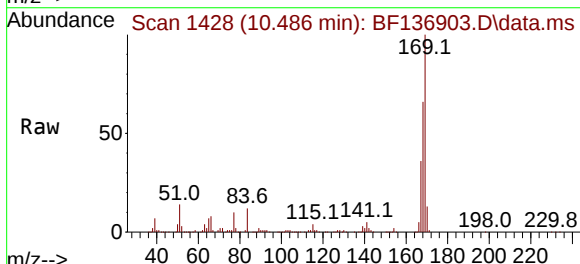
Instrument :
BNA_F
ClientSampleId :
PB158099BS

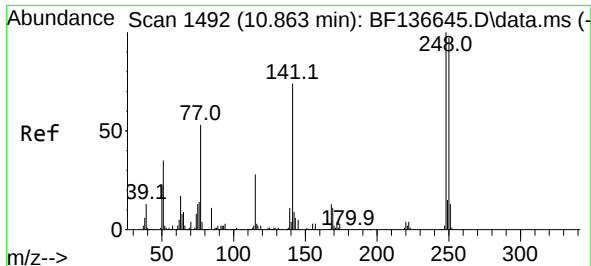
Tgt Ion:198 Resp: 81675
Ion Ratio Lower Upper
198 100
51 50.9 34.1 74.1
105 44.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 39.901 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:169 Resp: 458274
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 35.8 28.7 43.1

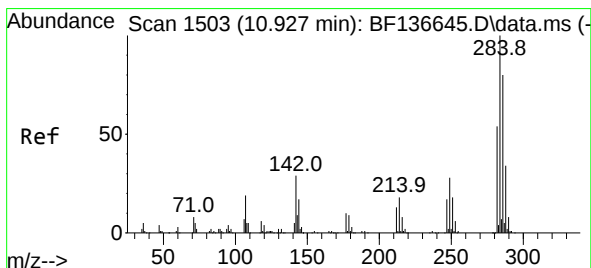
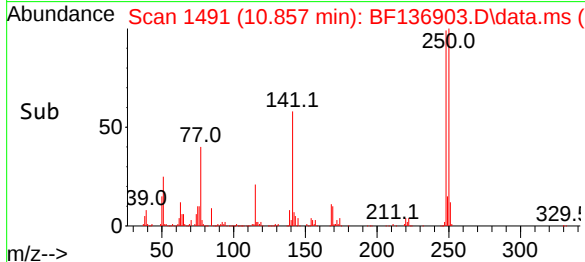
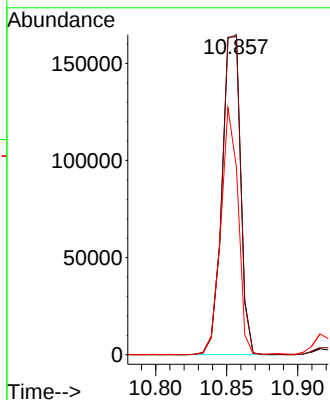
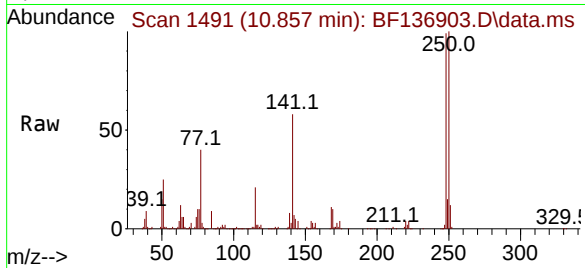




#67
4-Bromophenyl-phenylether
Concen: 38.106 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

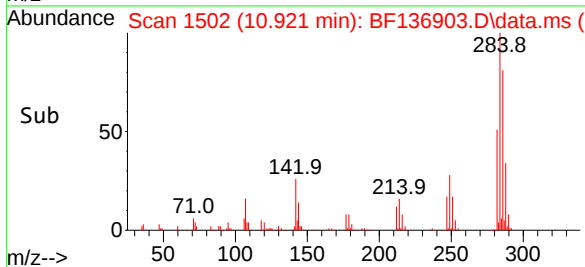
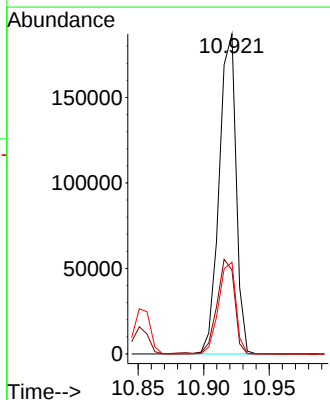
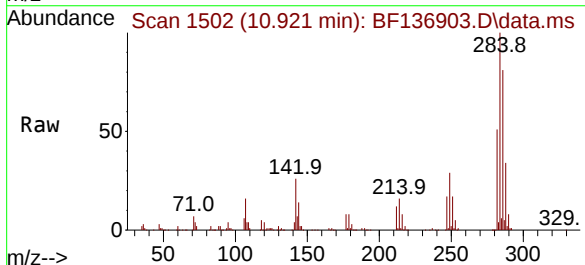
Instrument :
BNA_F
ClientSampleId :
PB158099BS

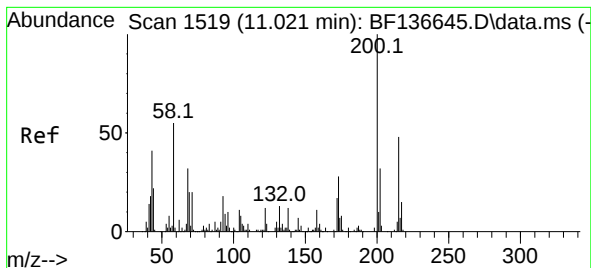
Tgt Ion:248 Resp: 149627
Ion Ratio Lower Upper
248 100
250 100.7 77.8 116.6
141 58.8 59.2 88.8#



#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:284 Resp: 168135
Ion Ratio Lower Upper
284 100
142 26.2 23.4 35.0
249 28.7 22.3 33.5





#69

Atrazine

Concen: 71.497 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

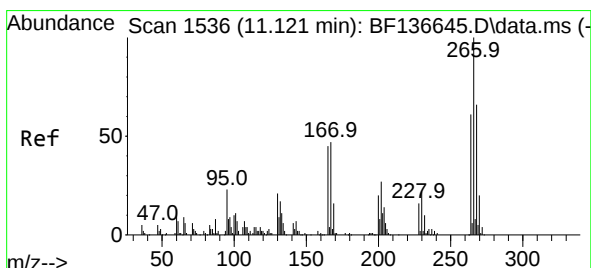
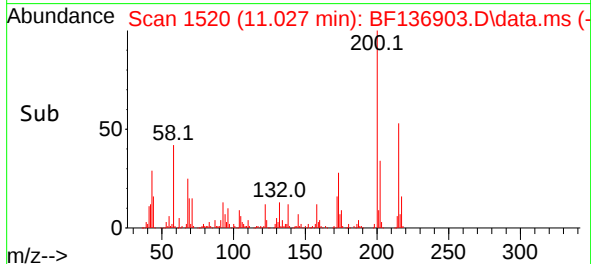
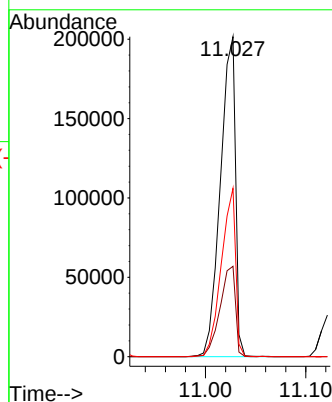
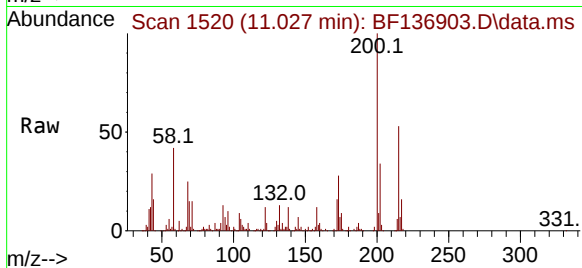
Tgt Ion:200 Resp: 210031

Ion Ratio Lower Upper

200 100

173 28.3 7.6 47.6

215 52.6 28.3 68.3



#70

Pentachlorophenol

Concen: 65.913 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

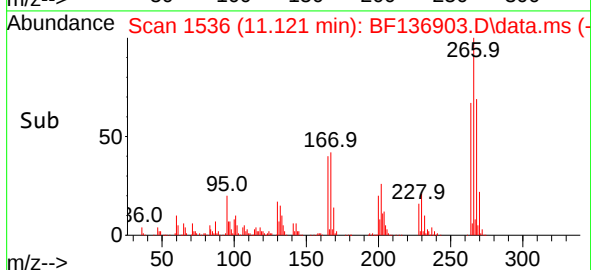
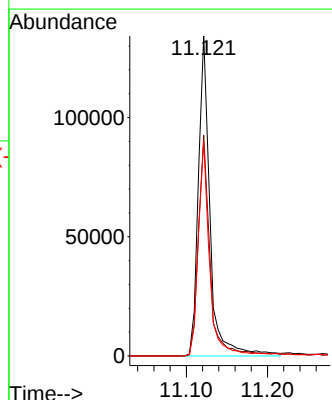
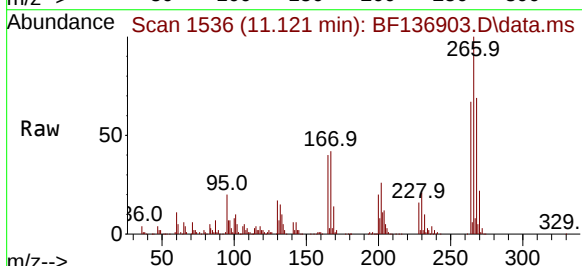
Tgt Ion:266 Resp: 134439

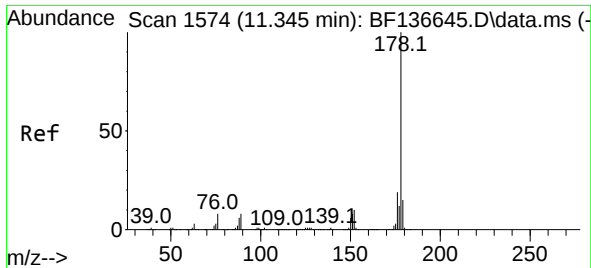
Ion Ratio Lower Upper

266 100

268 69.0 52.6 78.8

264 67.2 49.0 73.4

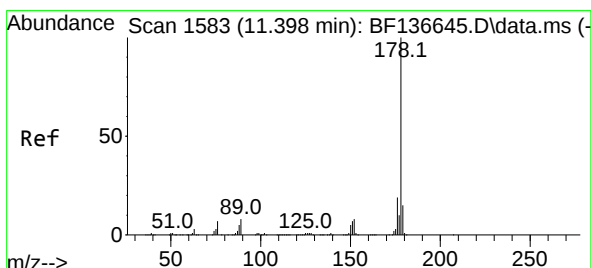
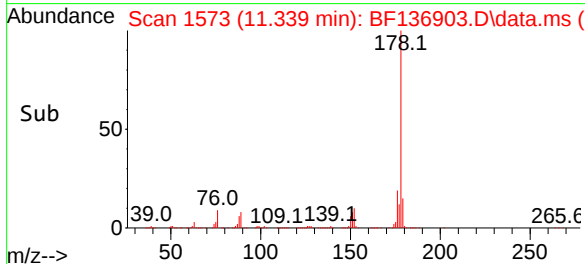
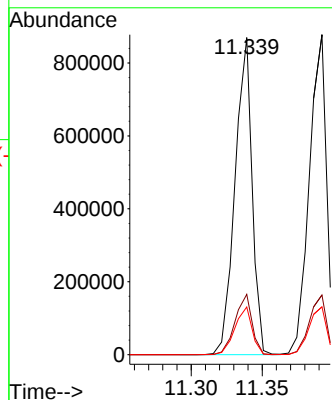
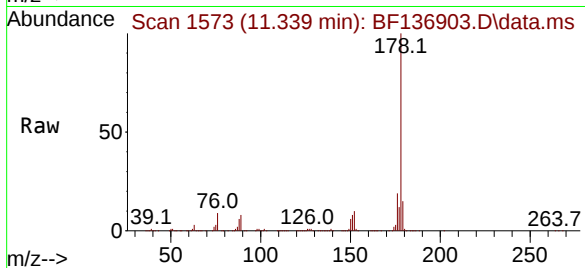




#71
Phenanthrene
Concen: 40.135 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

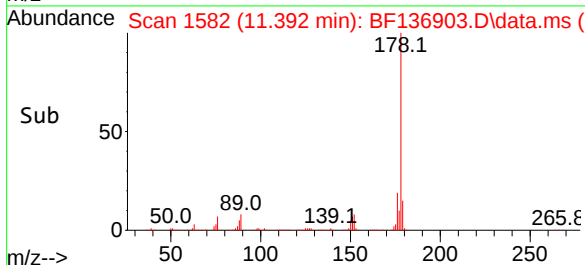
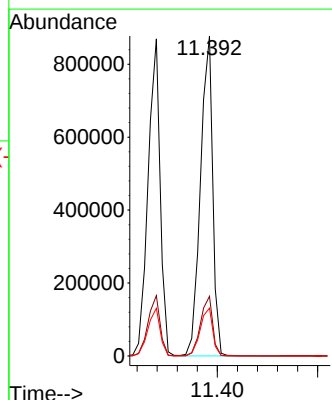
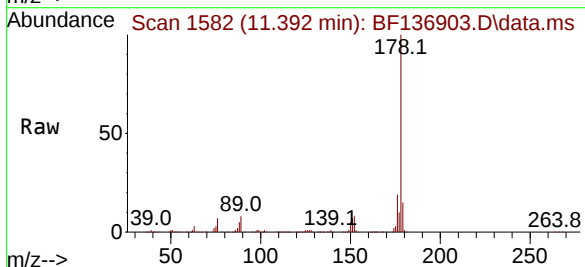
Instrument :
BNA_F
ClientSampleId :
PB158099BS

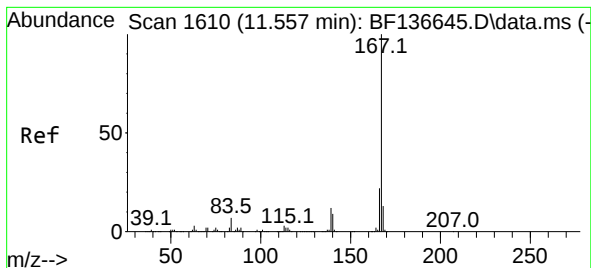
Tgt Ion:178 Resp: 728118
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 40.578 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:178 Resp: 745523
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 39.574 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

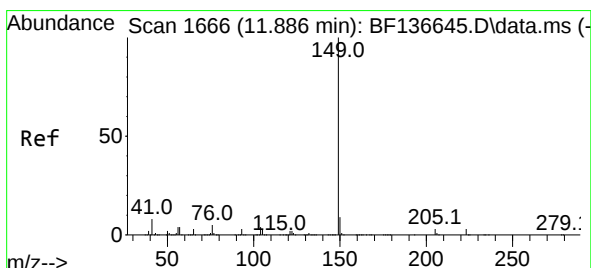
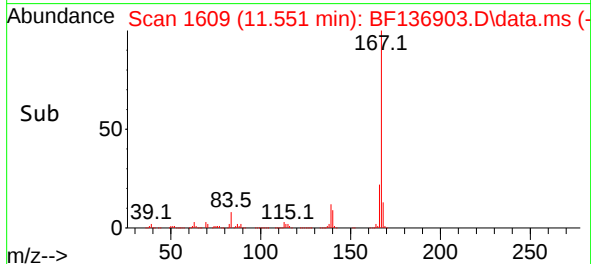
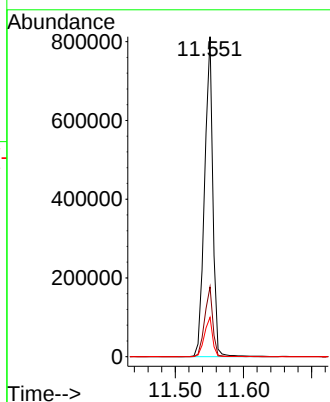
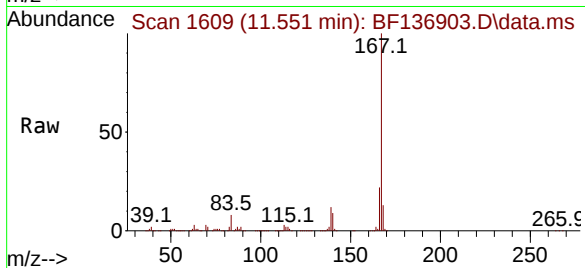
Tgt Ion:167 Resp: 685501

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.3 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.656 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

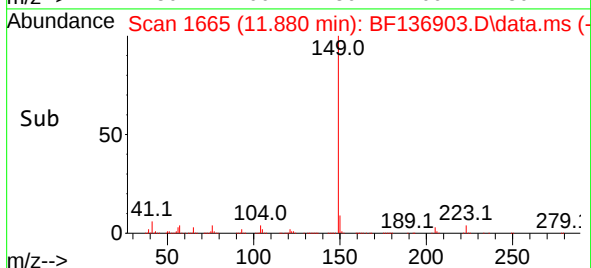
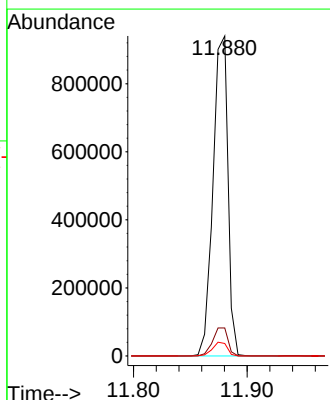
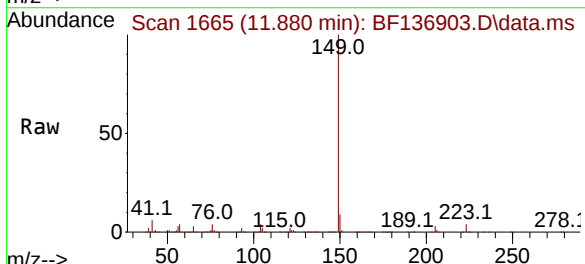
Tgt Ion:149 Resp: 859340

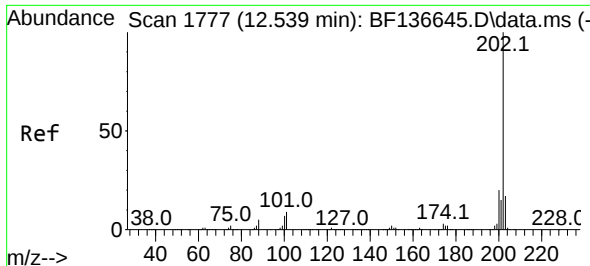
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 3.9 3.6 5.4

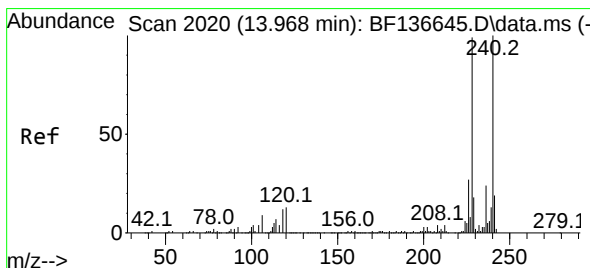
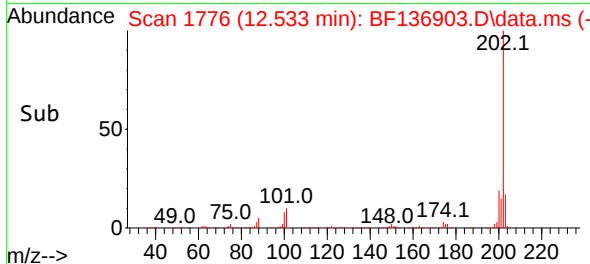
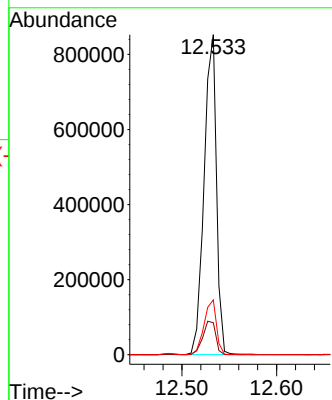
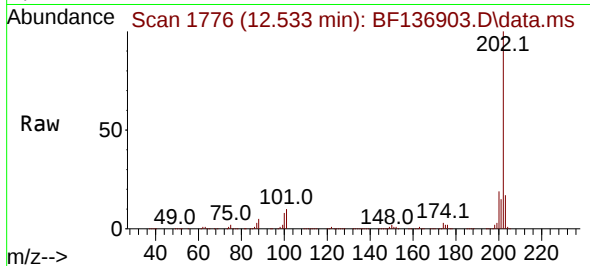




#75
Fluoranthene
Concen: 39.793 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

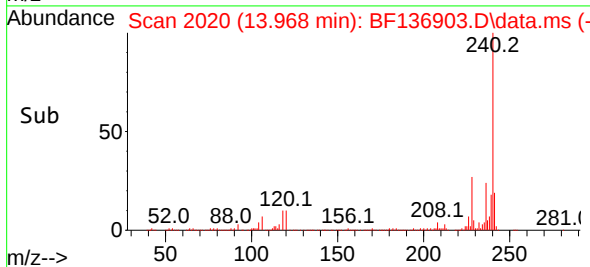
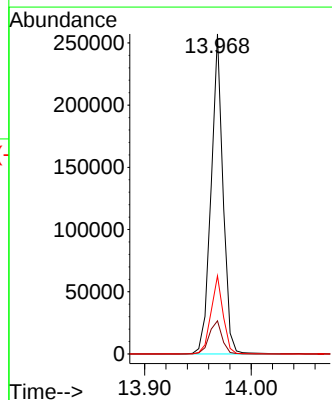
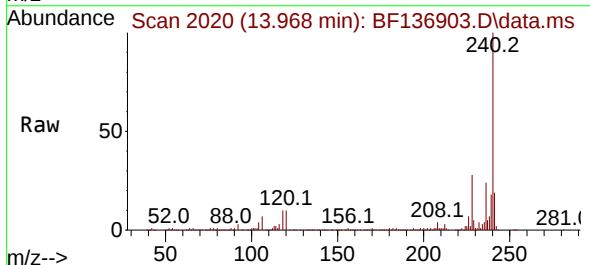
Instrument :
BNA_F
ClientSampleId :
PB158099BS

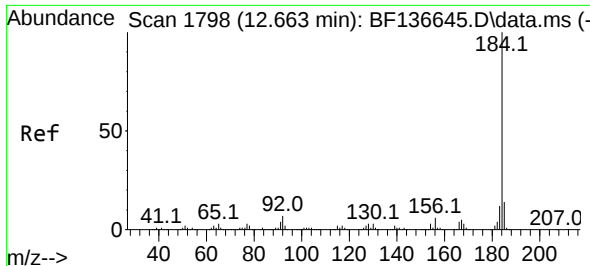
Tgt Ion:202 Resp: 772188
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.3
203 17.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:240 Resp: 200118
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5
236 24.4 19.4 29.2

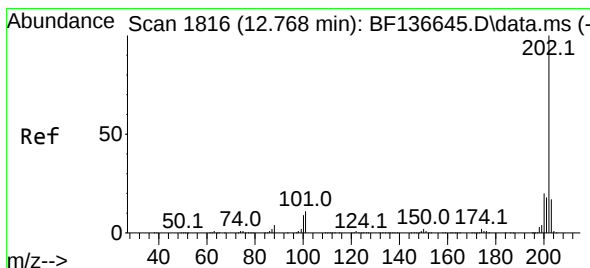
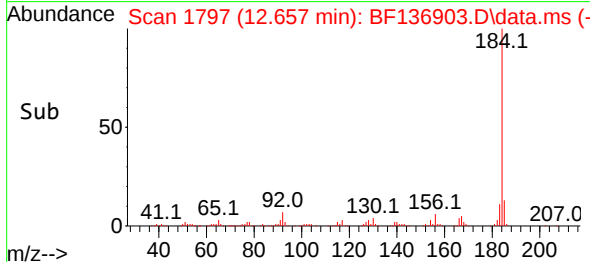
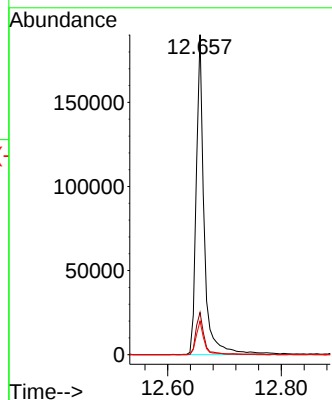
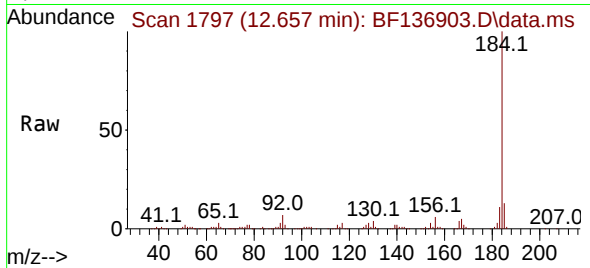




#77
Benzidine
Concen: 31.506 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

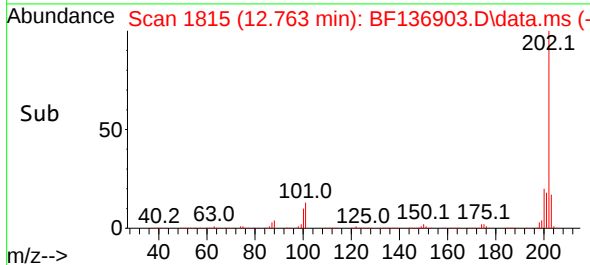
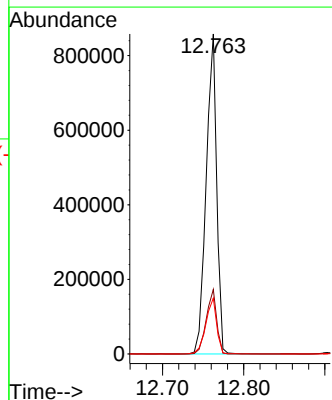
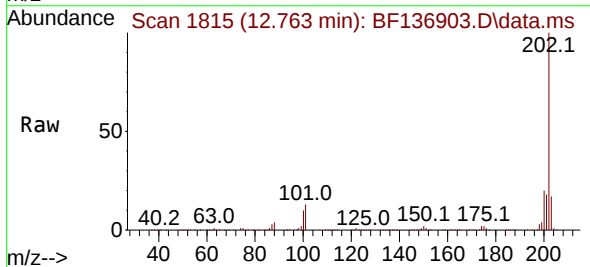
Instrument :
BNA_F
ClientSampleId :
PB158099BS

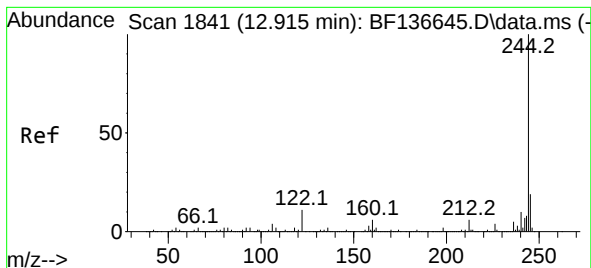
Tgt Ion:184 Resp: 185904
Ion Ratio Lower Upper
184 100
185 13.2 11.2 16.8
183 10.5 9.3 13.9



#78
Pyrene
Concen: 39.119 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:202 Resp: 768492
Ion Ratio Lower Upper
202 100
200 20.2 15.9 23.9
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 77.790 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

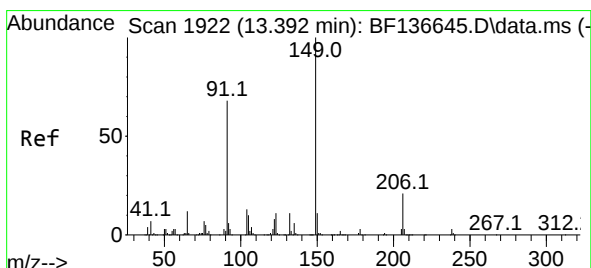
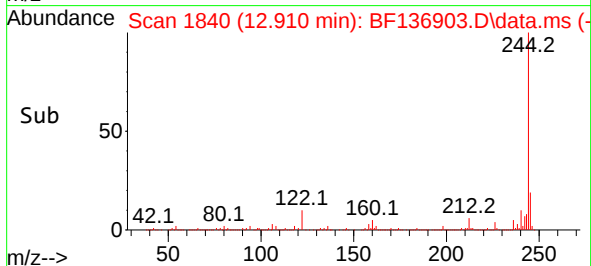
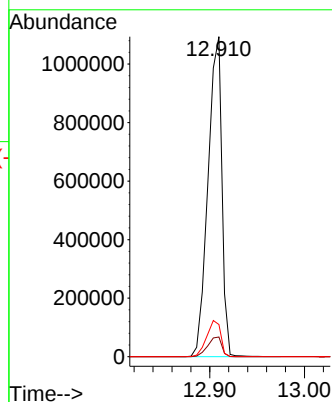
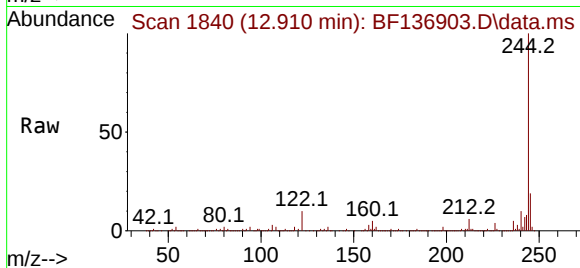
Tgt Ion:244 Resp: 1113958

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.183 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

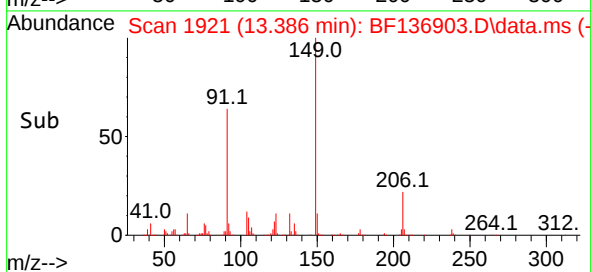
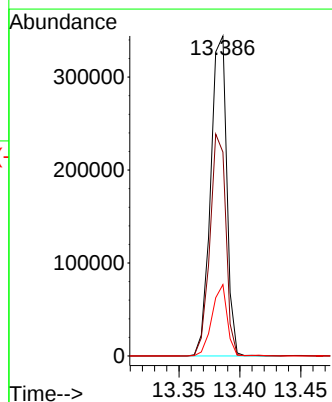
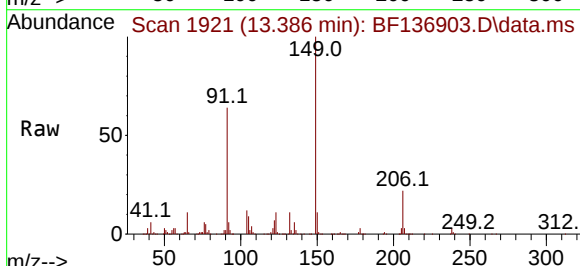
Tgt Ion:149 Resp: 315827

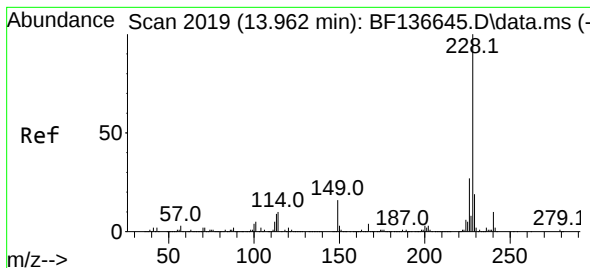
Ion Ratio Lower Upper

149 100

91 63.7 54.1 81.1

206 22.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.455 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

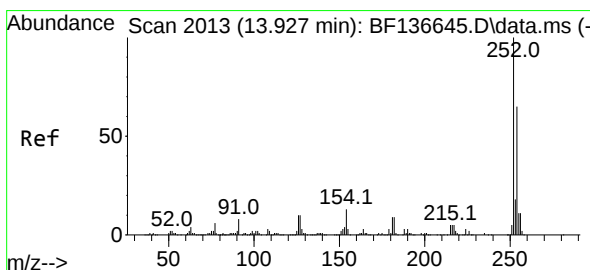
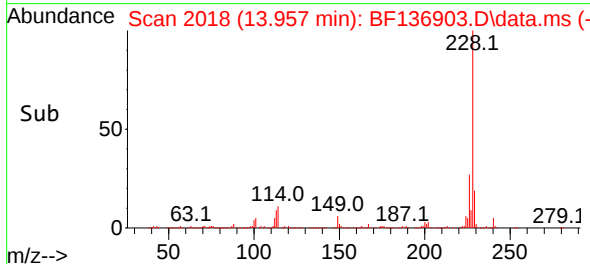
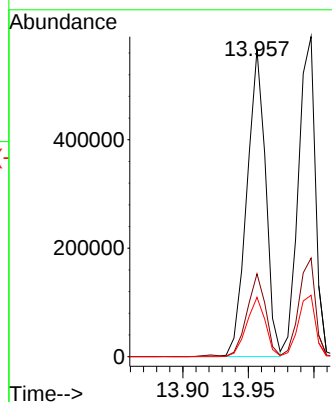
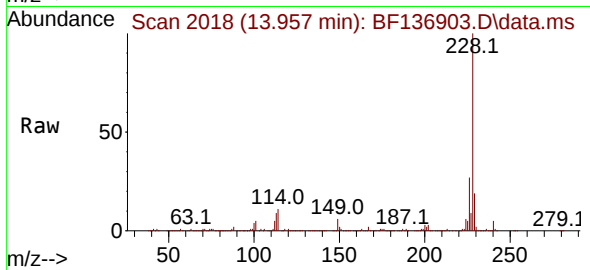
Tgt Ion:228 Resp: 562167

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 38.804 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

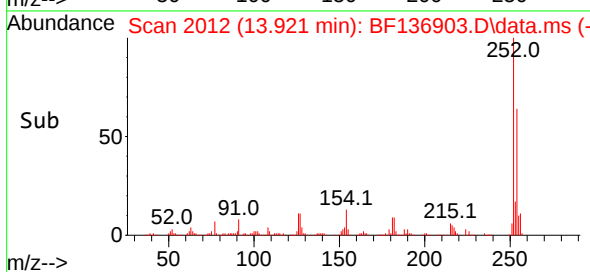
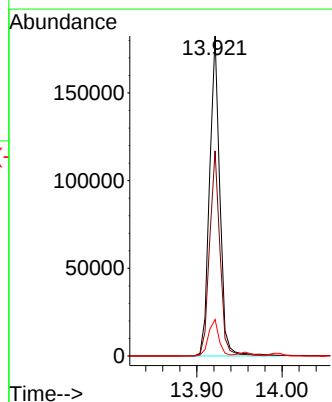
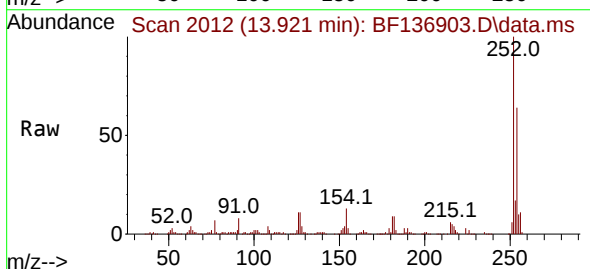
Tgt Ion:252 Resp: 153133

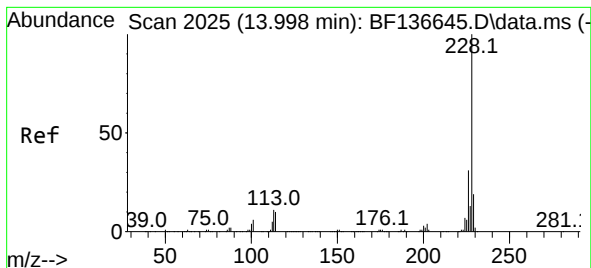
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

126 11.4 8.0 12.0





#83

Chrysene

Concen: 39.342 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

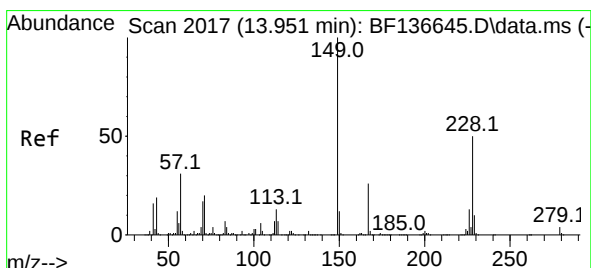
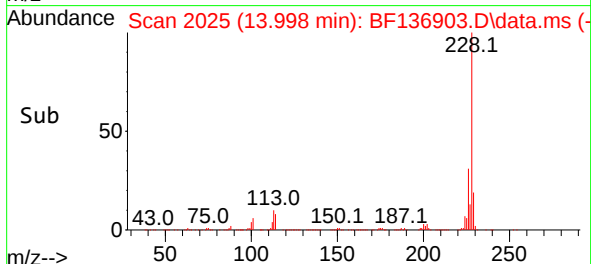
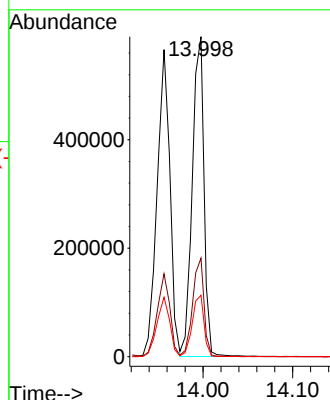
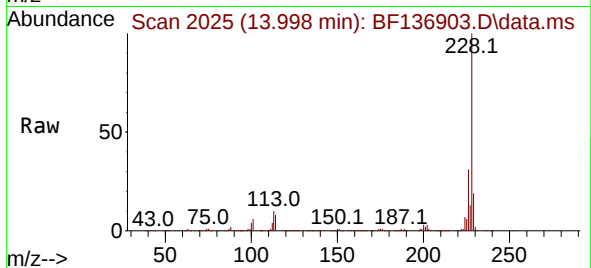
Tgt Ion:228 Resp: 534614

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.197 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

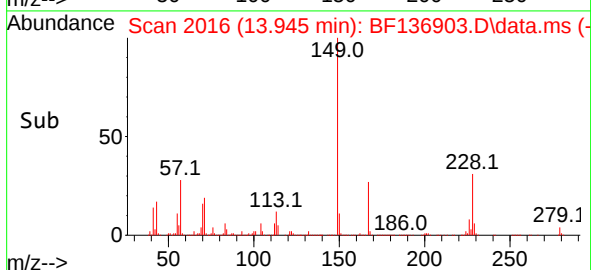
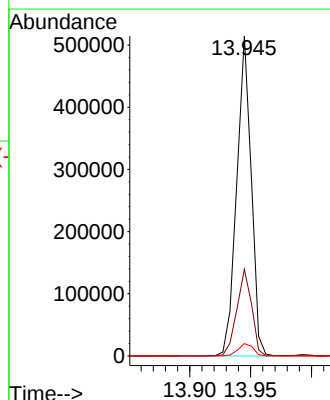
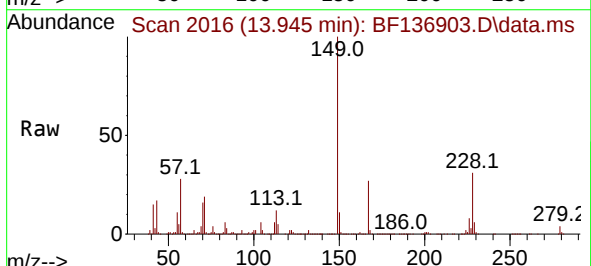
Tgt Ion:149 Resp: 424482

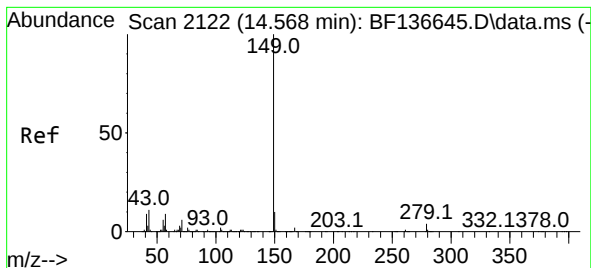
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.061 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

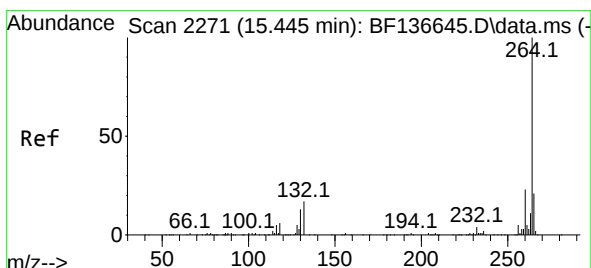
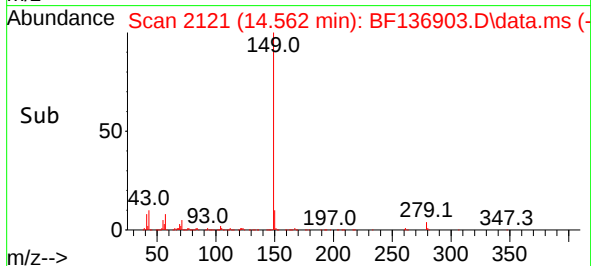
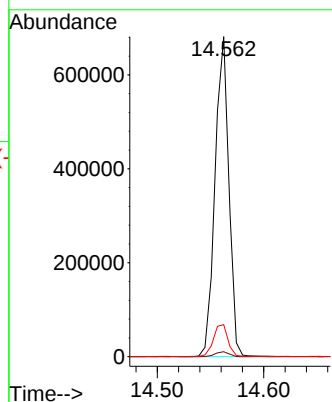
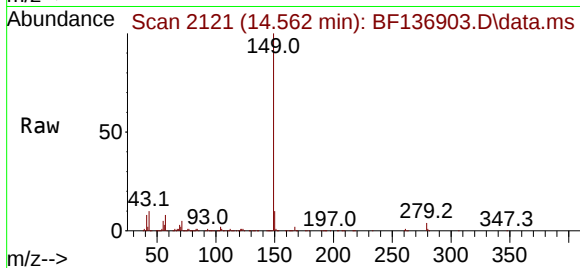
Tgt Ion:149 Resp: 612985

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

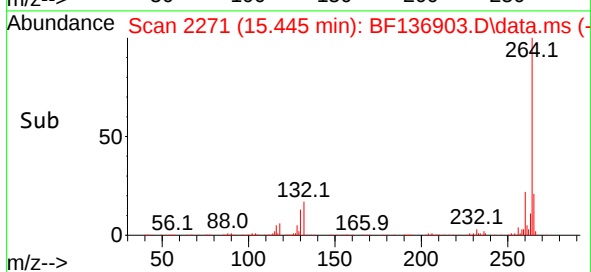
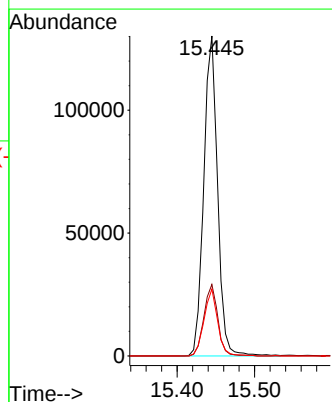
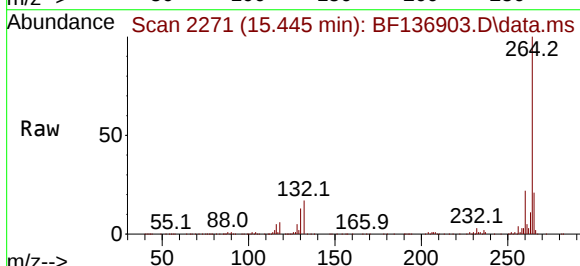
Tgt Ion:264 Resp: 161109

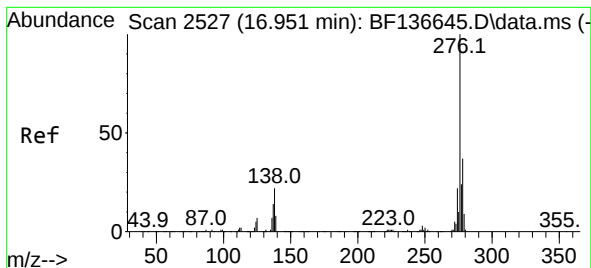
Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.440 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

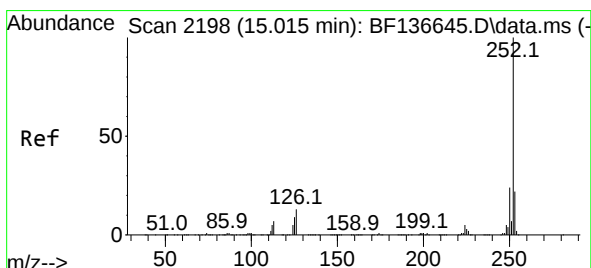
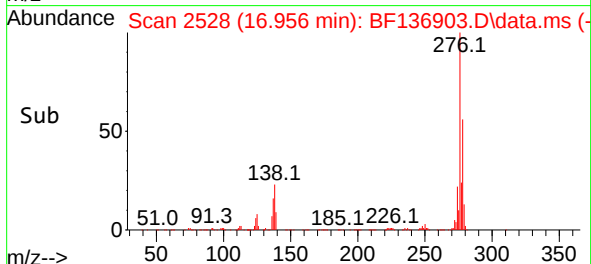
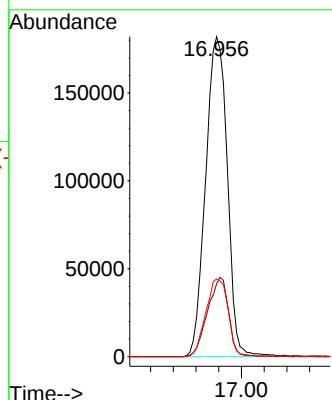
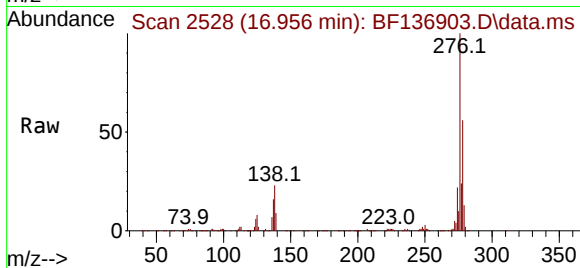
Tgt Ion:276 Resp: 482040

Ion Ratio Lower Upper

276 100

138 24.0 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.633 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

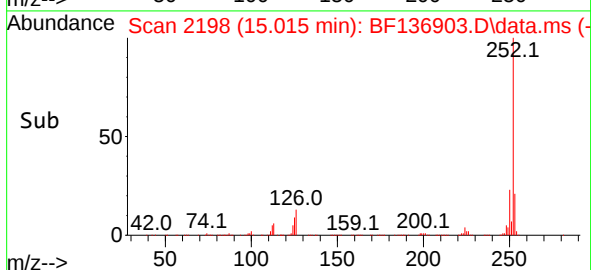
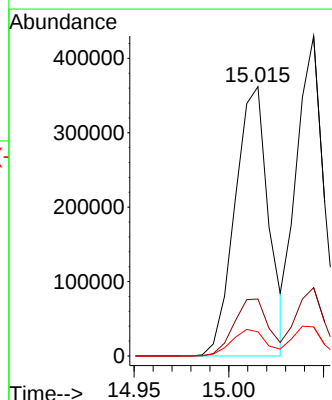
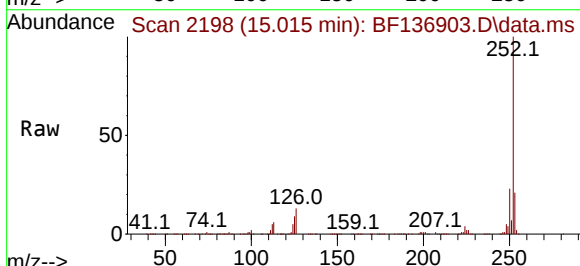
Tgt Ion:252 Resp: 447998

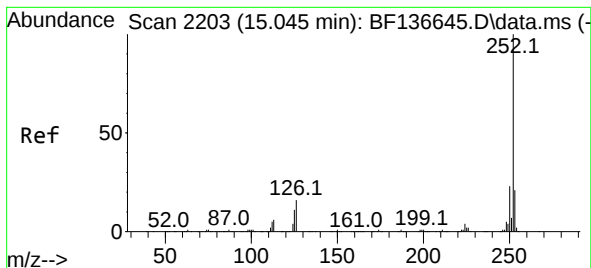
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.972 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB158099BS

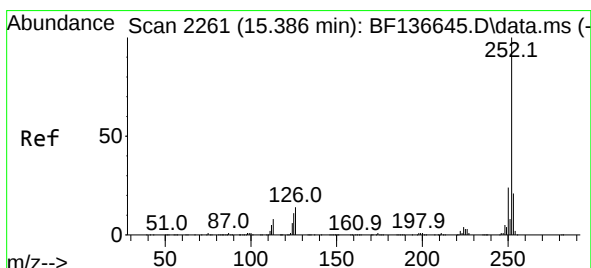
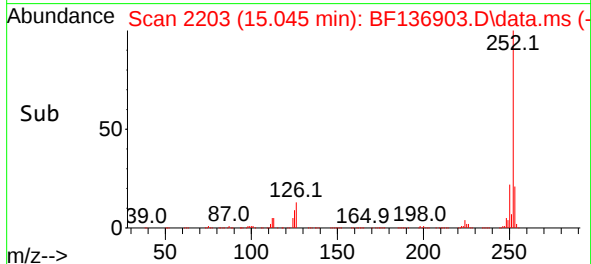
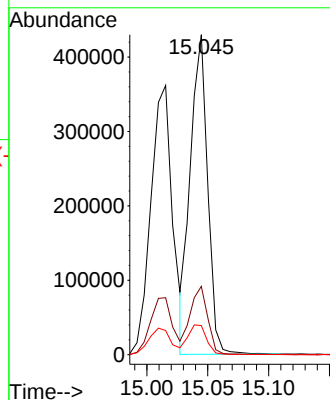
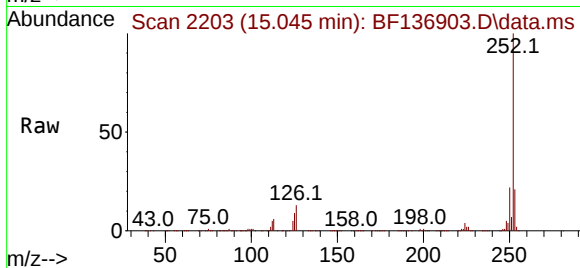
Tgt Ion:252 Resp: 426759

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 9.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.879 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136903.D

Acq: 03 Jan 2024 12:36

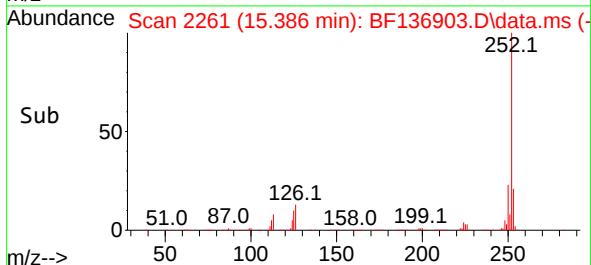
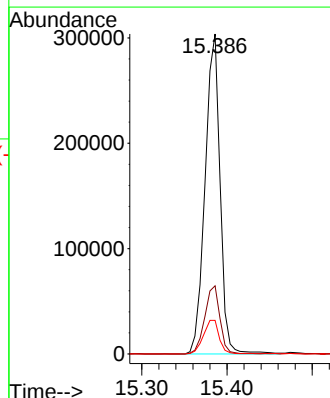
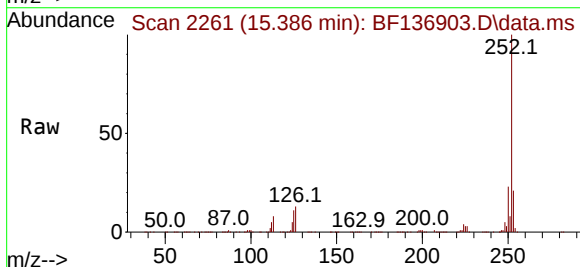
Tgt Ion:252 Resp: 371308

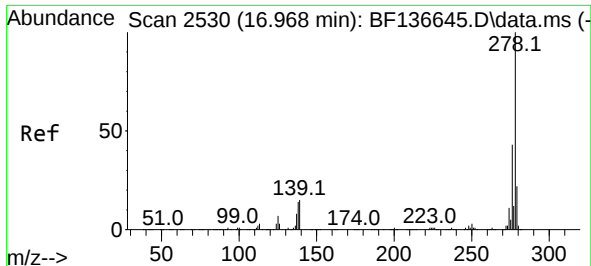
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 10.5 8.8 13.2

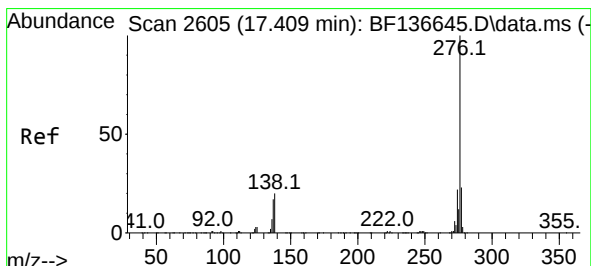
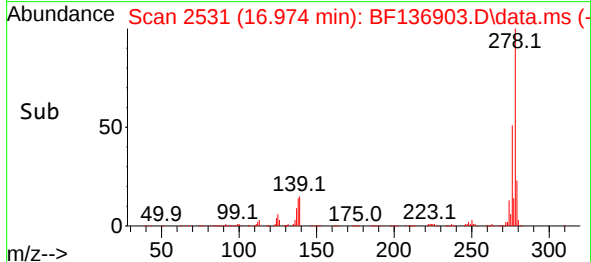
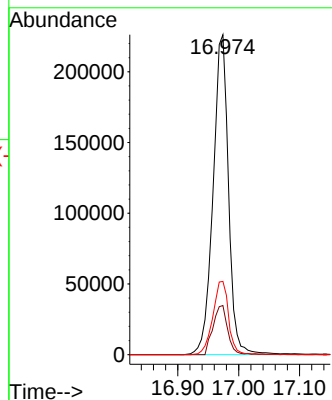
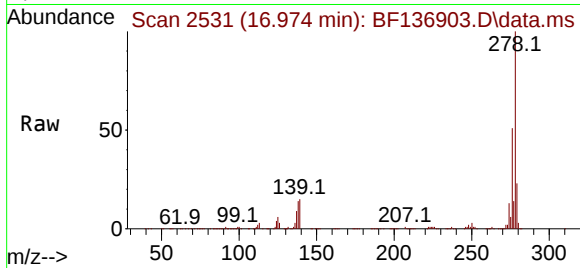




#91
Dibenzo(a,h)anthracene
Concen: 41.737 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Instrument :
BNA_F
ClientSampleId :
PB158099BS

Tgt Ion:278 Resp: 398304
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 22.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 41.229 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136903.D
Acq: 03 Jan 2024 12:36

Tgt Ion:276 Resp: 402983
Ion Ratio Lower Upper
276 100
277 22.3 18.3 27.5
138 20.2 15.6 23.4

