

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136939.D
 Acq On : 04 Jan 2024 14:06
 Operator : CG\JU
 Sample : PB158038BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158038BS

Quant Time: Jan 04 14:35:24 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	6.787	152	89477	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	354306	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186066	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	363757	20.000	ng	0.00
76) Chrysene-d12	13.974	240	200039	20.000	ng	0.00
86) Perylene-d12	15.457	264	154085	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	642195	111.985	ng	0.02
7) Phenol-d6	6.445	99	808872	108.855	ng	0.00
23) Nitrobenzene-d5	7.357	82	501905	72.488	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247549	112.967	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1011989	73.152	ng	0.00
79) Terphenyl-d14	12.916	244	1142279	79.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	79749	33.376	ng	97
3) Pyridine	3.422	79	184908	31.717	ng	93
4) n-Nitrosodimethylamine	3.387	42	111903	35.944	ng	98
6) Aniline	6.457	93	248963	33.511	ng	# 13
8) 2-Chlorophenol	6.581	128	251856	40.132	ng	94
9) Benzaldehyde	6.340	77	104483	24.720	ng	96
10) Phenol	6.457	94	296236	37.345	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	232035	38.464	ng	98
12) 1,3-Dichlorobenzene	6.728	146	251084	36.676	ng	97
13) 1,4-Dichlorobenzene	6.804	146	256129	36.615	ng	97
14) 1,2-Dichlorobenzene	6.951	146	242249	37.217	ng	99
15) Benzyl Alcohol	6.939	79	194710	38.841	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	365035	37.012	ng	73
17) 2-Methylphenol	7.057	107	204649	39.364	ng	# 93
18) Hexachloroethane	7.287	117	93308	36.729	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	172781	38.358	ng	97
20) 3+4-Methylphenols	7.210	107	255223	39.295	ng	# 54
22) Acetophenone	7.198	105	347963	39.182	ng	# 90
24) Nitrobenzene	7.375	77	254610	36.709	ng	93
25) Isophorone	7.610	82	474312	37.647	ng	99
26) 2-Nitrophenol	7.687	139	133870	40.341	ng	99
27) 2,4-Dimethylphenol	7.728	122	223201	55.247	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	296989	38.780	ng	100
29) 2,4-Dichlorophenol	7.934	162	207021	39.802	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	216144	37.297	ng	98
31) Naphthalene	8.086	128	727377	37.369	ng	100
32) Benzoic acid	7.886	122	158271	40.489	ng	98
33) 4-Chloroaniline	8.139	127	143418	19.956	ng	94
34) Hexachlorobutadiene	8.198	225	126279	35.865	ng	99
35) Caprolactam	8.528	113	50512	29.438	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	231914	39.607	ng	97
37) 2-Methylnaphthalene	8.775	142	476835	38.065	ng	100
38) 1-Methylnaphthalene	8.875	142	441503	35.924	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	227291	39.444	ng	99
41) Hexachlorocyclopentadiene	8.928	237	162006	87.676	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	144712	39.159	ng	98

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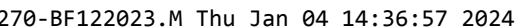
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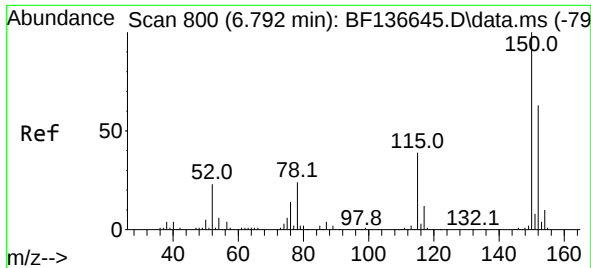
Quant Time: Jan 04 14:35:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	157649	38.282	ng	97
46) 1,1'-Biphenyl	9.245	154	611624	39.172	ng	99
47) 2-Chloronaphthalene	9.269	162	448772	37.808	ng	100
48) 2-Nitroaniline	9.375	65	145631	39.180	ng	93
49) Acenaphthylene	9.686	152	705807	38.903	ng	99
50) Dimethylphthalate	9.551	163	551487	40.578	ng	100
51) 2,6-Dinitrotoluene	9.622	165	120395	39.033	ng	93
52) Acenaphthene	9.857	154	430605	38.288	ng	98
53) 3-Nitroaniline	9.792	138	97394	29.808	ng	88
54) 2,4-Dinitrophenol	9.904	184	112291	66.356	ng	# 88
55) Dibenzofuran	10.033	168	651606	38.222	ng	97
56) 4-Nitrophenol	9.975	139	142655	64.676	ng	96
57) 2,4-Dinitrotoluene	10.028	165	149457	37.325	ng	92
58) Fluorene	10.375	166	528378	39.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131783	41.571	ng	98
60) Diethylphthalate	10.251	149	551633	39.120	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	253531	38.560	ng	99
62) 4-Nitroaniline	10.416	138	116750	37.066	ng	93
63) Azobenzene	10.528	77	510599	38.768	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	83309	39.962	ng	100
66) n-Nitrosodiphenylamine	10.492	169	472953	40.025	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	160186	39.652	ng	98
68) Hexachlorobenzene	10.927	284	172985	38.424	ng	94
69) Atrazine	11.027	200	216852	71.750	ng	99
70) Pentachlorophenol	11.127	266	131385	62.611	ng	97
71) Phenanthrene	11.345	178	753541	40.373	ng	99
72) Anthracene	11.398	178	766143	40.532	ng	99
73) Carbazole	11.557	167	696125	39.061	ng	100
74) Di-n-butylphthalate	11.880	149	902090	41.482	ng	100
75) Fluoranthene	12.539	202	780697	39.104	ng	99
77) Benzidine	12.663	184	179955	30.510	ng	99
78) Pyrene	12.769	202	783362	39.892	ng	99
80) Butylbenzylphthalate	13.386	149	327584	45.845	ng	96
81) Benzo(a)anthracene	13.963	228	566382	40.775	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	155349	39.381	ng	99
83) Chrysene	14.004	228	534792	39.371	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	456079	50.730	ng	# 96
85) Di-n-octyl phthalate	14.563	149	666423	47.921	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	473154	42.530	ng	100
88) Benzo(b)fluoranthene	15.021	252	437158	42.478	ng	99
89) Benzo(k)fluoranthene	15.051	252	434909	44.723	ng	98
90) Benzo(a)pyrene	15.392	252	369505	42.535	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	398479	43.659	ng	96
92) Benzo(g,h,i)perylene	17.433	276	391618	41.893	ng	100

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

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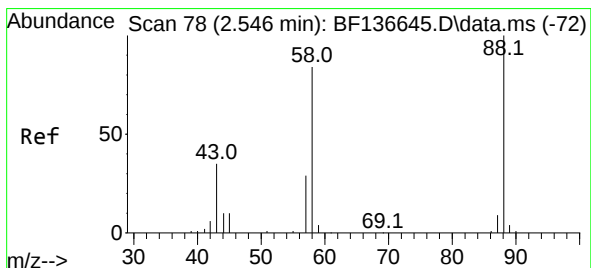
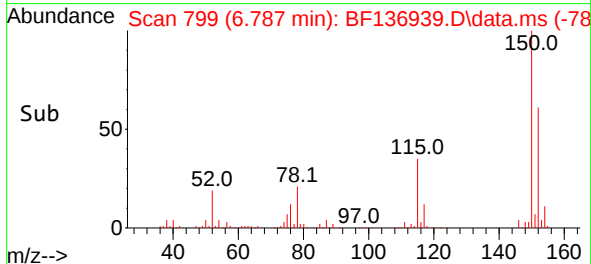
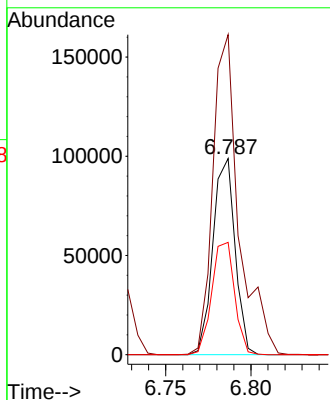
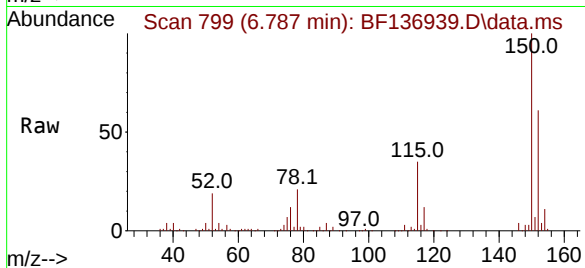




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136939.D
 Acq: 04 Jan 2024 14:06

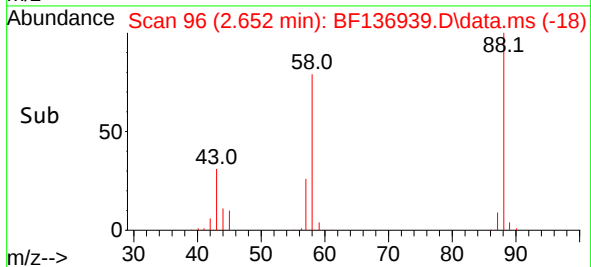
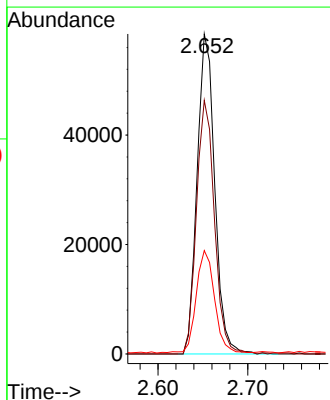
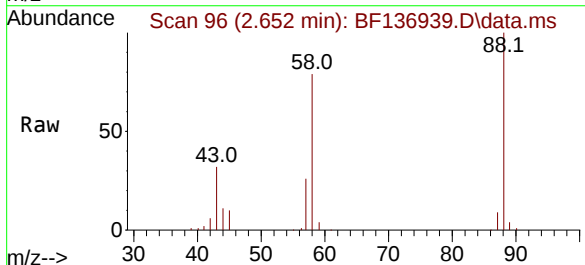
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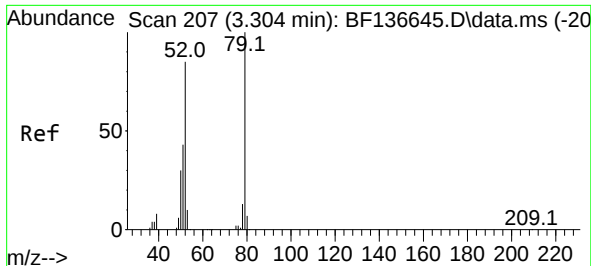
Tgt Ion:152 Resp: 89477
 Ion Ratio Lower Upper
 152 100
 150 163.2 127.0 190.6
 115 57.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.376 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.106 min
 Lab File: BF136939.D
 Acq: 04 Jan 2024 14:06

Tgt Ion: 88 Resp: 79749
 Ion Ratio Lower Upper
 88 100
 58 81.1 67.4 101.0
 43 33.5 27.7 41.5

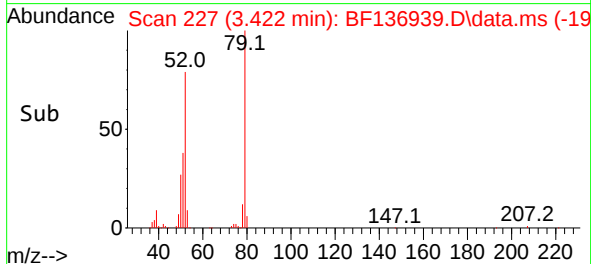
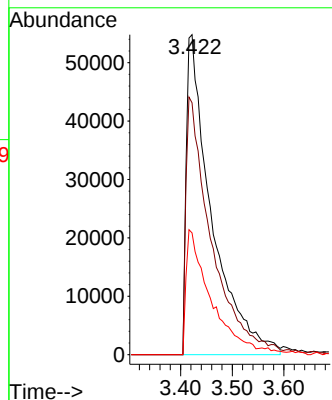
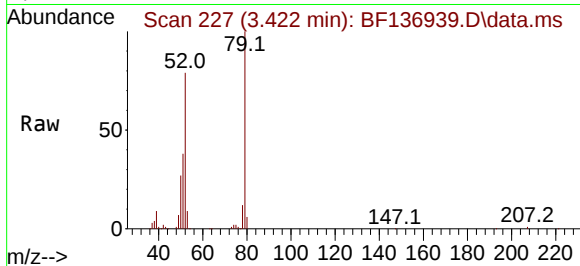




#3
Pyridine
Concen: 31.717 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

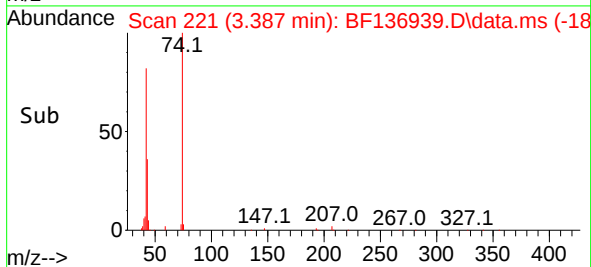
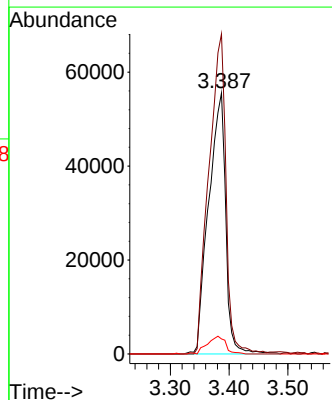
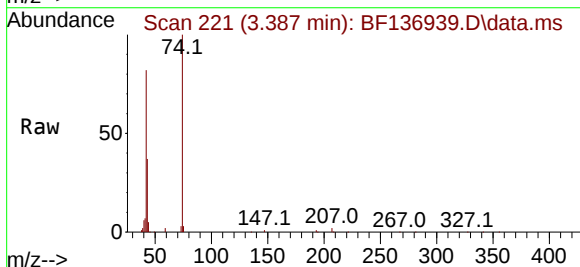
Instrument :
BNA_F
ClientSampleId :
PB158038BS

Tgt Ion: 79 Resp: 184908
Ion Ratio Lower Upper
79 100
52 78.7 67.7 101.5
51 38.1 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.944 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.112 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion: 42 Resp: 111903
Ion Ratio Lower Upper
42 100
74 122.6 96.0 144.0
44 5.8 5.4 8.2

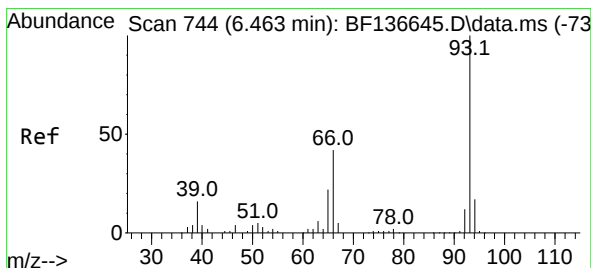
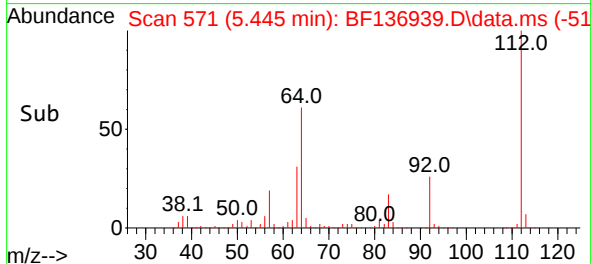
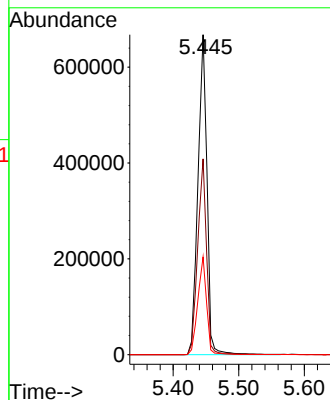
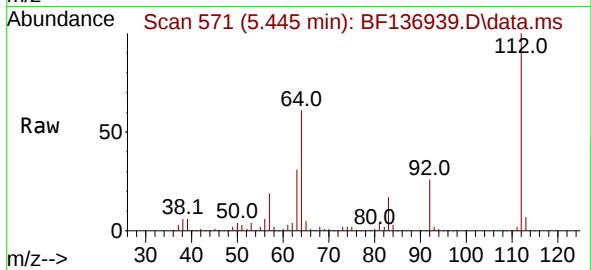




#5
2-Fluorophenol
Concen: 111.985 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

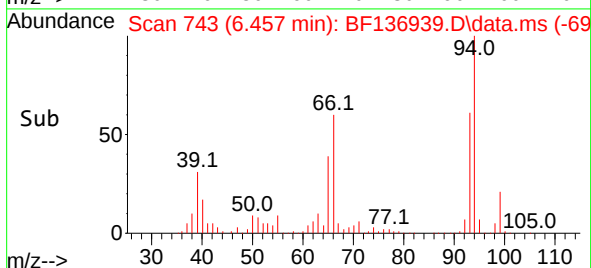
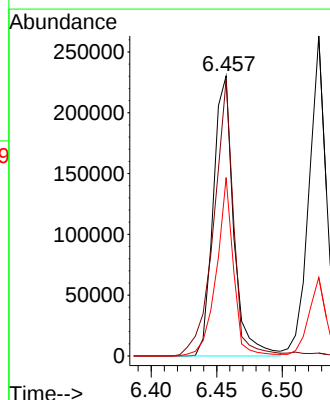
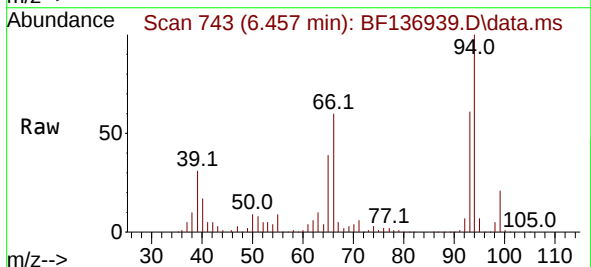
Instrument :
BNA_F
ClientSampleId :
PB158038BS

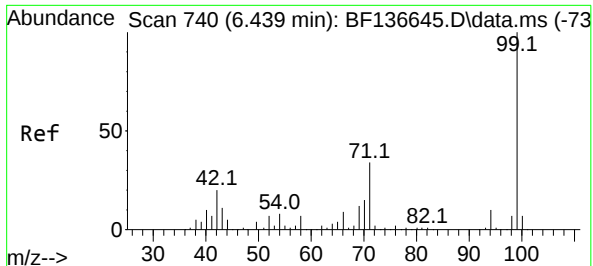
Tgt Ion:112 Resp: 642195
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 30.6 26.1 39.1



#6
Aniline
Concen: 33.511 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion: 93 Resp: 248963
Ion Ratio Lower Upper
93 100
66 98.8 34.6 51.8#
65 63.7 17.8 26.8#





#7

Phenol-d6

Concen: 108.855 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

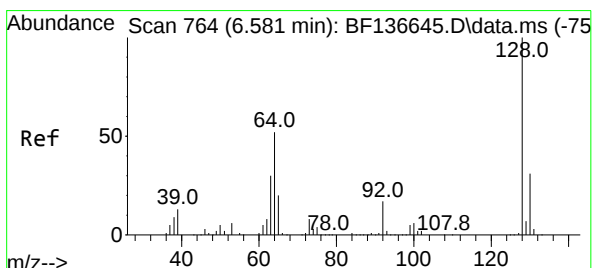
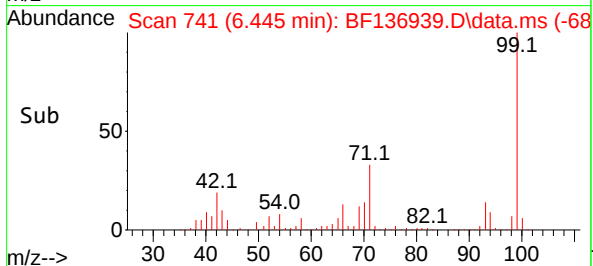
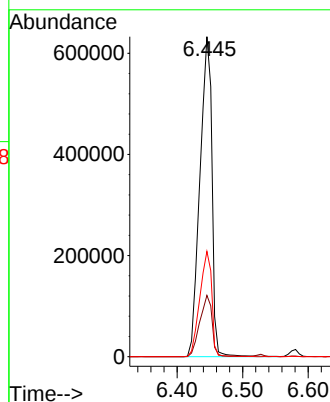
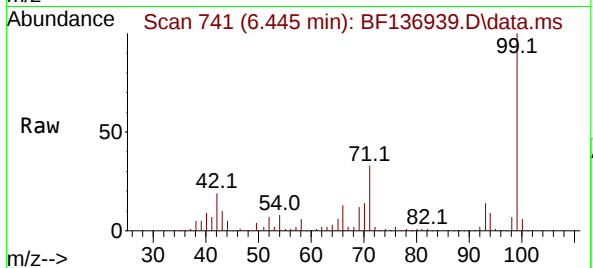
Tgt Ion: 99 Resp: 808872

Ion Ratio Lower Upper

99 100

42 19.2 16.1 24.1

71 32.9 27.4 41.2



#8

2-Chlorophenol

Concen: 40.132 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

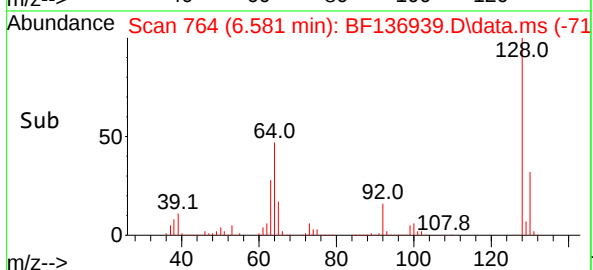
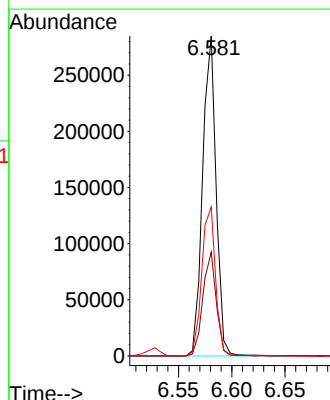
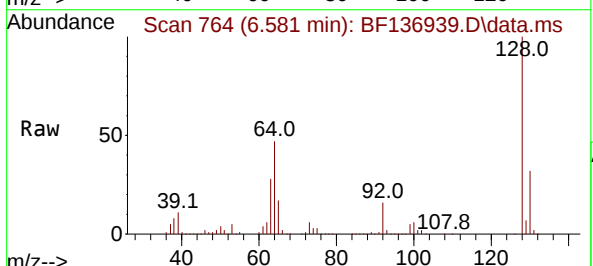
Tgt Ion:128 Resp: 251856

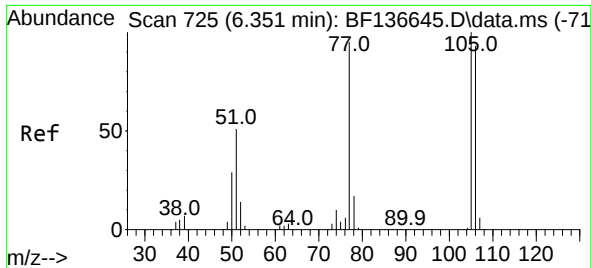
Ion Ratio Lower Upper

128 100

130 32.5 11.3 51.3

64 46.6 32.5 72.5





#9

Benzaldehyde

Concen: 24.720 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136939.D

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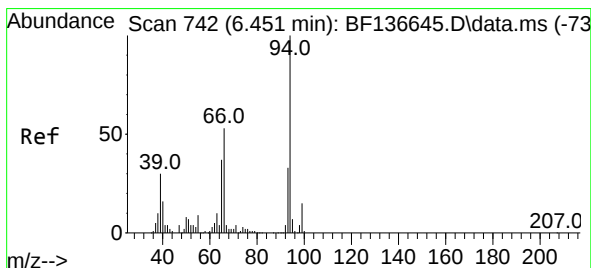
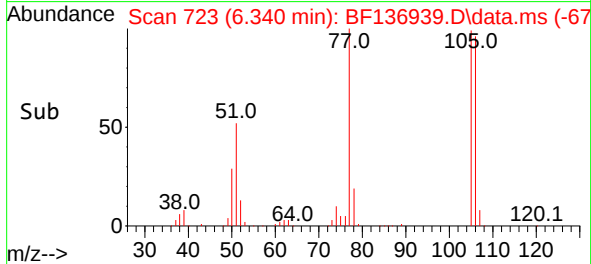
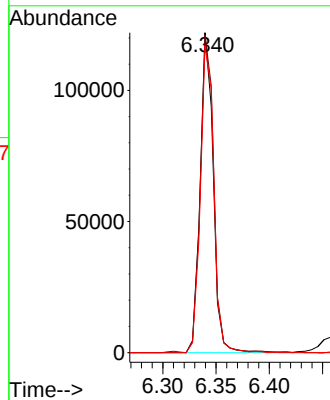
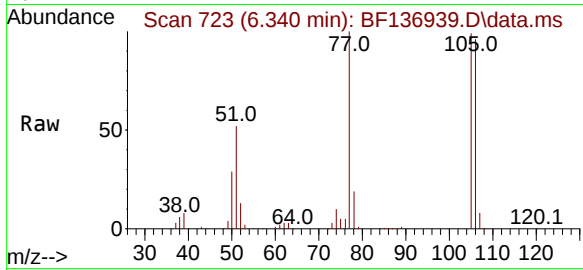
Tgt Ion: 77 Resp: 104483

Ion Ratio Lower Upper

77 100

105 99.4 84.8 124.8

106 95.8 77.8 117.8



#10

Phenol

Concen: 37.345 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

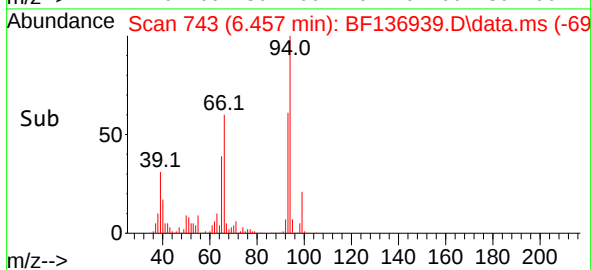
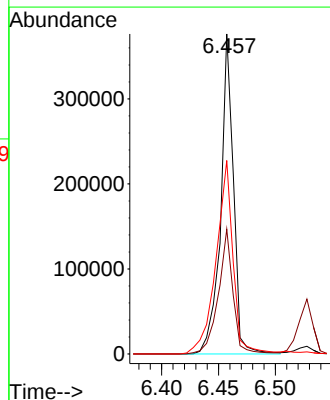
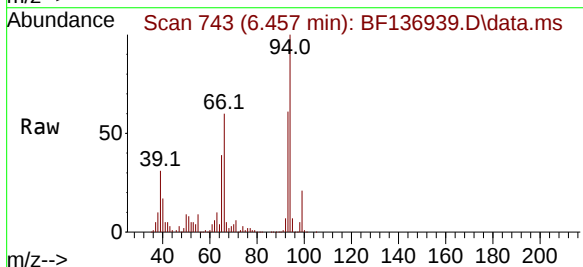
Tgt Ion: 94 Resp: 296236

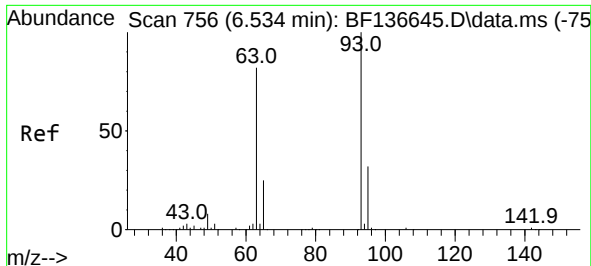
Ion Ratio Lower Upper

94 100

65 39.0 16.6 56.6

66 60.4 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 38.464 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

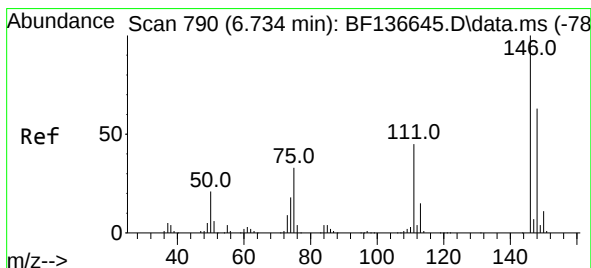
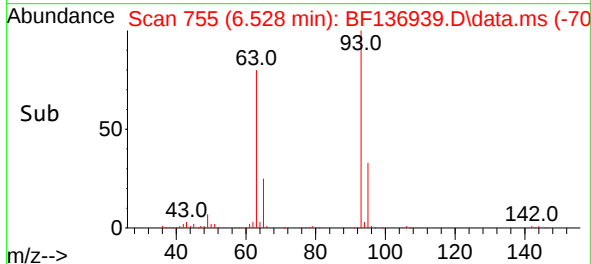
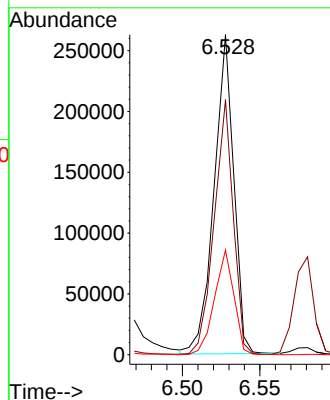
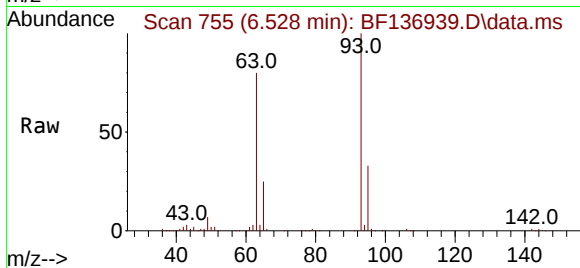
Tgt Ion: 93 Resp: 232035

Ion Ratio Lower Upper

93 100

63 79.7 61.2 101.2

95 32.7 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 36.676 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

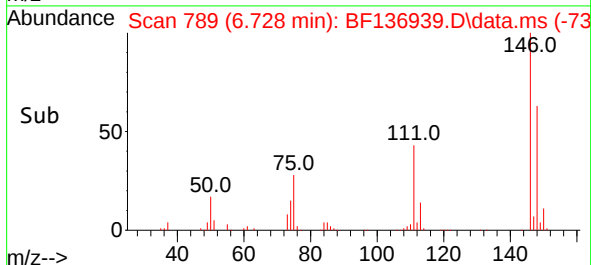
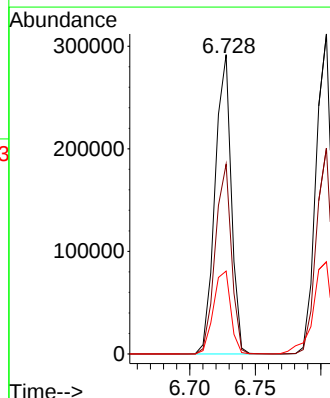
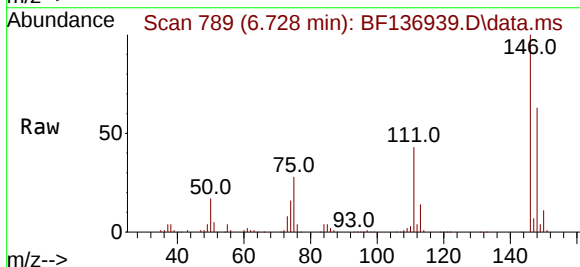
Tgt Ion:146 Resp: 251084

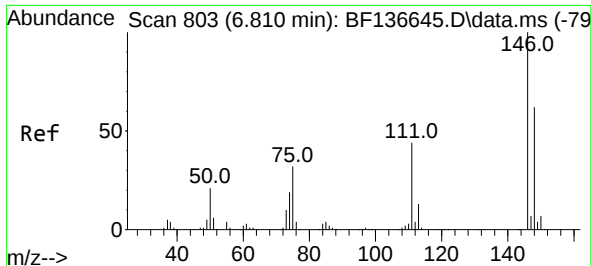
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

75 27.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.615 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

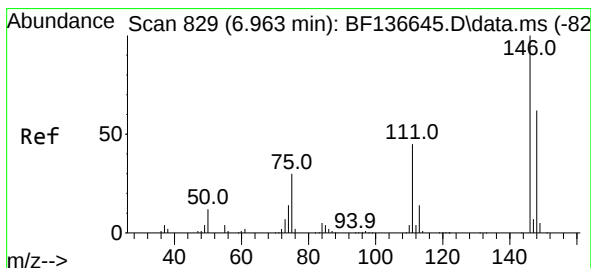
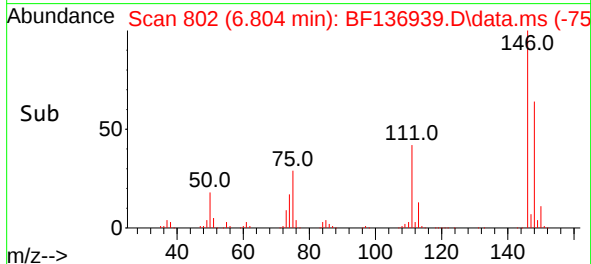
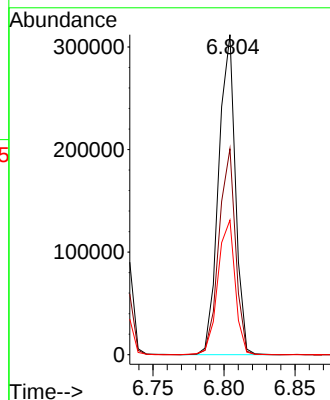
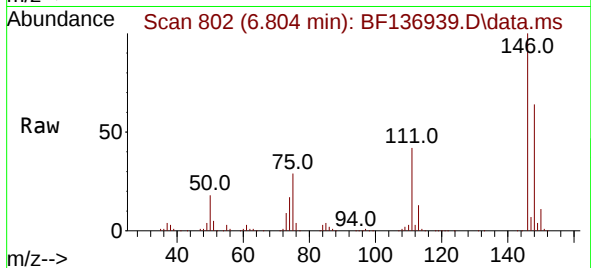
Tgt Ion:146 Resp: 256129

Ion Ratio Lower Upper

146 100

148 64.4 49.2 73.8

111 42.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.217 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

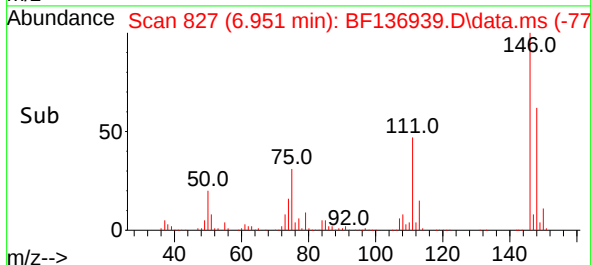
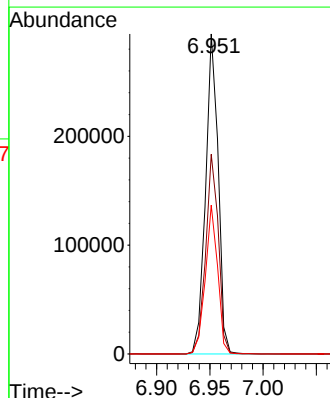
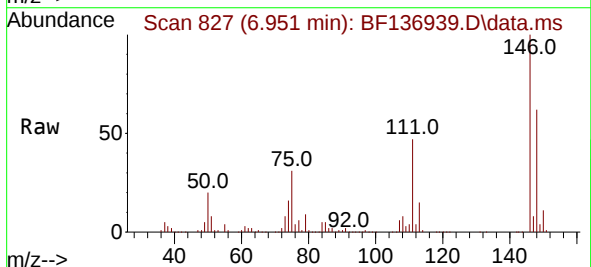
Tgt Ion:146 Resp: 242249

Ion Ratio Lower Upper

146 100

148 62.4 49.6 74.4

111 46.5 36.2 54.2

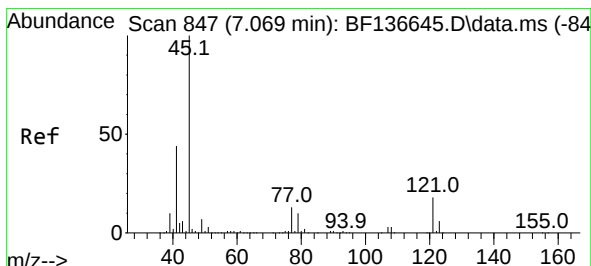
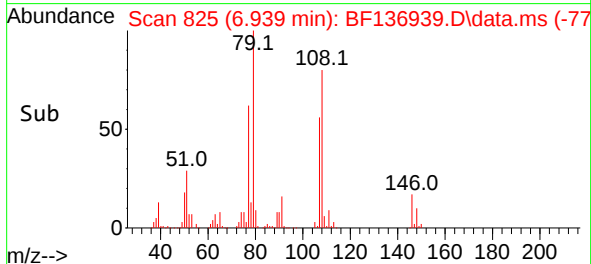
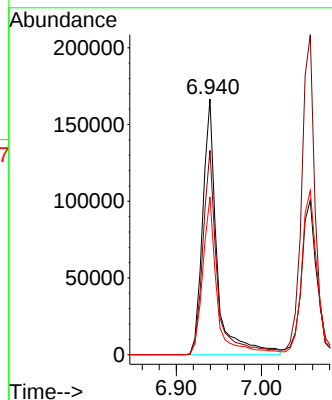
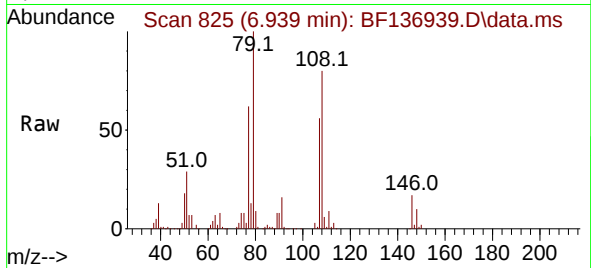




#15
Benzyl Alcohol
Concen: 38.841 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

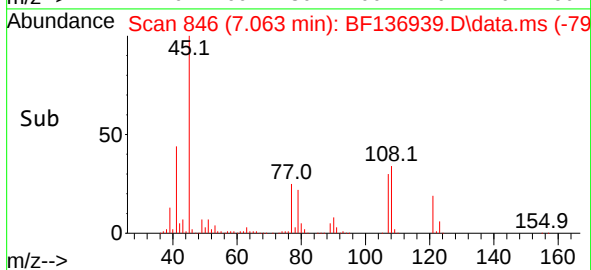
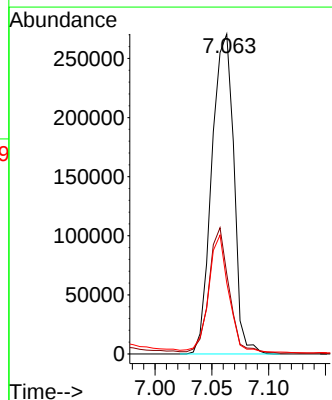
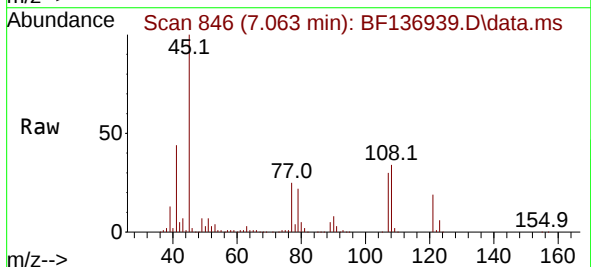
Instrument :
BNA_F
ClientSampleId :
PB158038BS

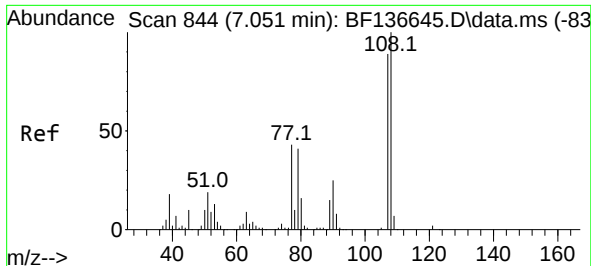
Tgt Ion: 79 Resp: 194710
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 61.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.012 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion: 45 Resp: 365035
Ion Ratio Lower Upper
45 100
77 25.0 0.0 34.3
79 22.2 0.0 31.4



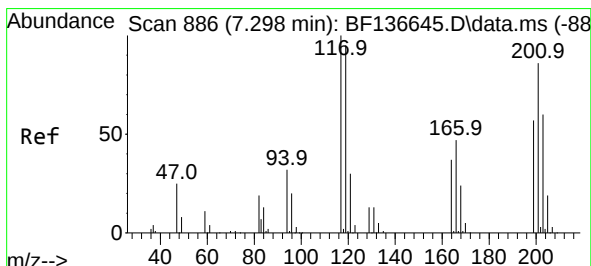
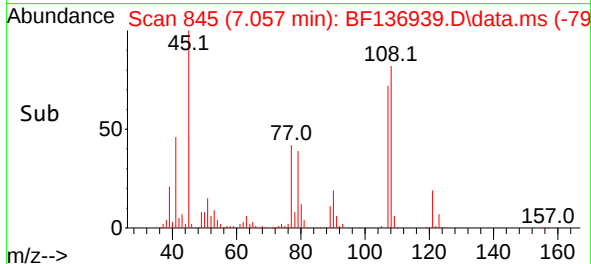
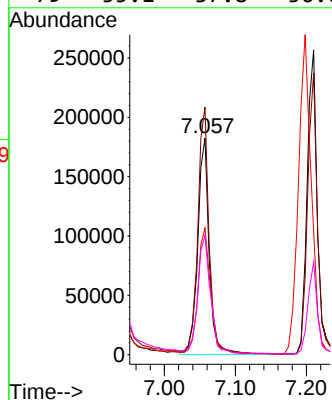
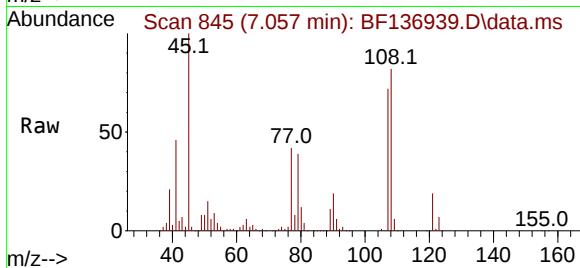


#17
2-Methylphenol
Concen: 39.364 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB158038BS

Tgt Ion:107 Resp: 204649

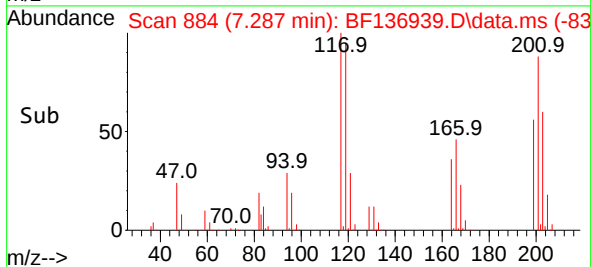
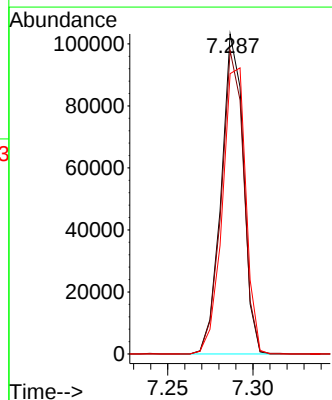
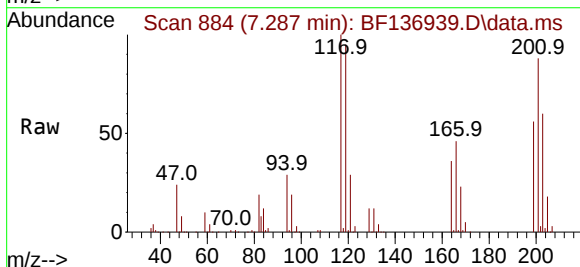
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.3	135.5
77	58.5	38.7	58.1#
79	55.1	37.8	56.6

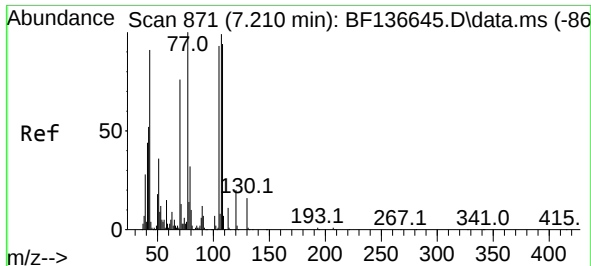


#18
Hexachloroethane
Concen: 36.729 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:117 Resp: 93308

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.6
201	87.6	69.1	103.7



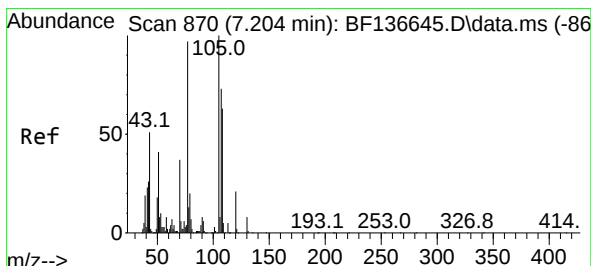
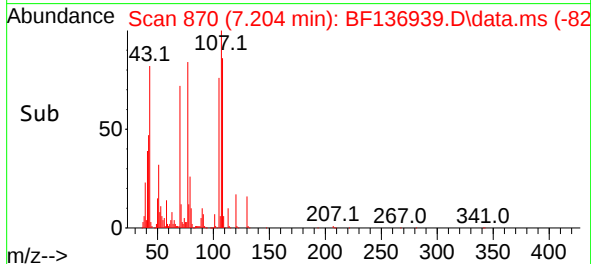
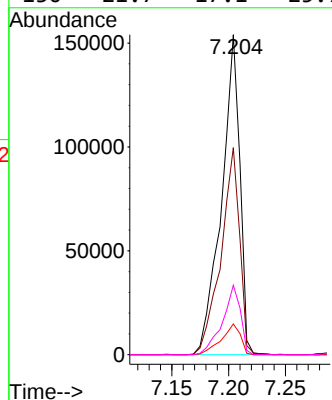
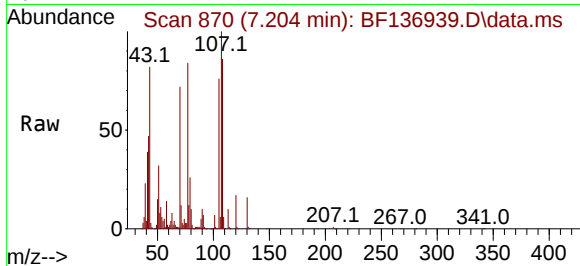


#19
n-Nitroso-di-n-propylamine
Concen: 38.358 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB158038BS

Tgt Ion: 70 Resp: 172781

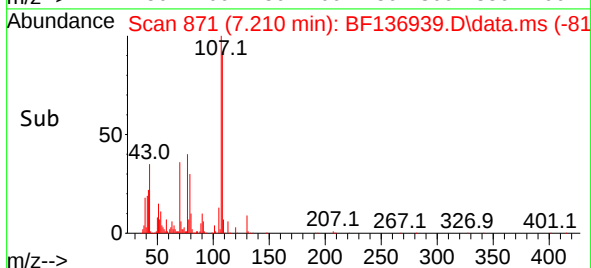
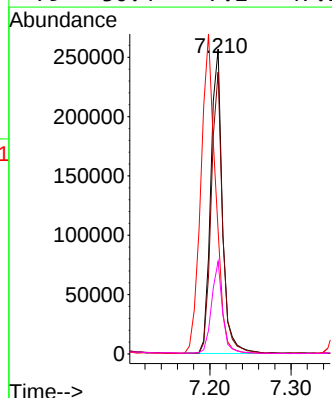
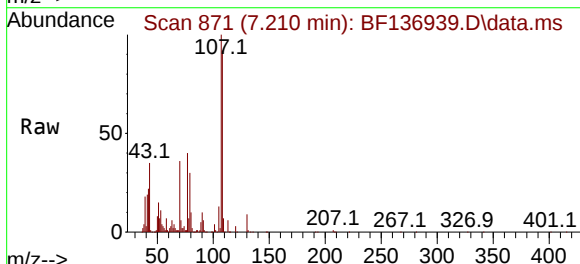
Ion	Ratio	Lower	Upper
70	100		
42	64.7	54.2	81.4
101	9.6	7.6	11.4
130	21.7	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.295 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion: 107 Resp: 255223

Ion	Ratio	Lower	Upper
107	100		
108	92.4	66.0	106.0
77	40.5	114.2	154.2#
79	30.4	7.2	47.2





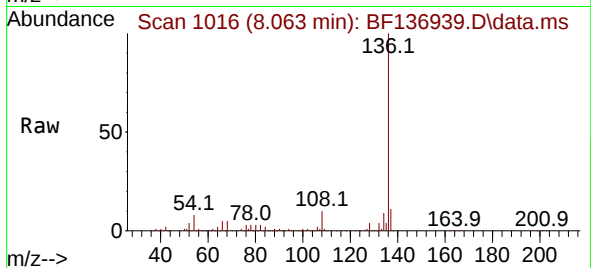
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Instrument :

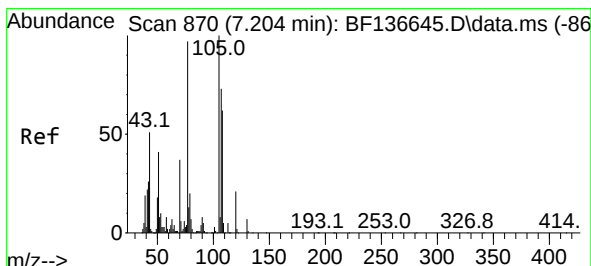
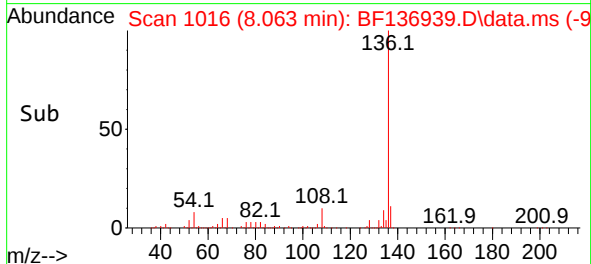
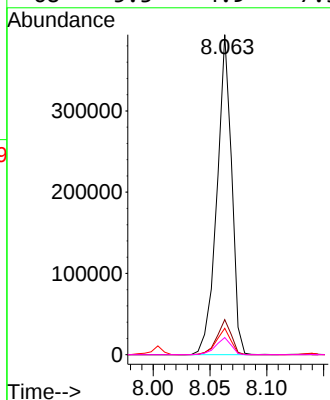
BNA_F

ClientSampleId :

PB158038BS

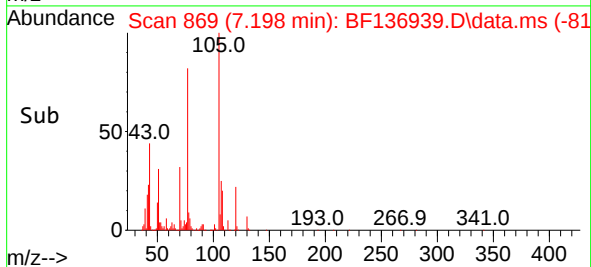
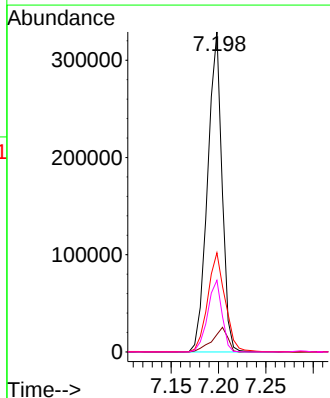
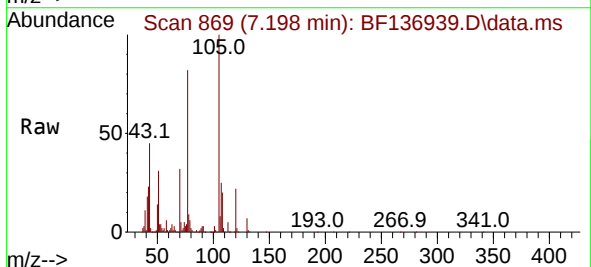


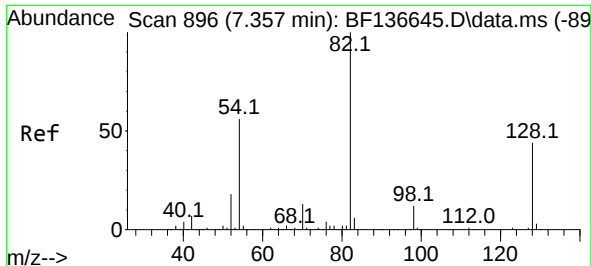
Tgt Ion:136	Resp:	354306	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.2	7.2	10.8
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 39.182 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt	Ion:105	Resp:	347963
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.8	7.2
51	31.0	32.8	49.2#
120	22.4	17.0	25.6





#23

Nitrobenzene-d5

Concen: 72.488 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

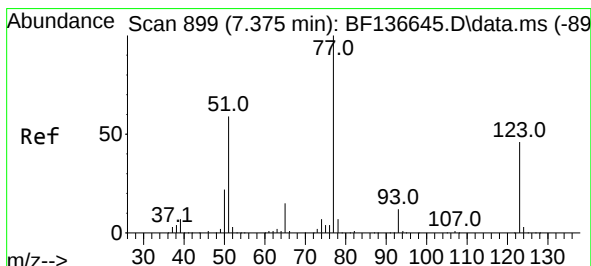
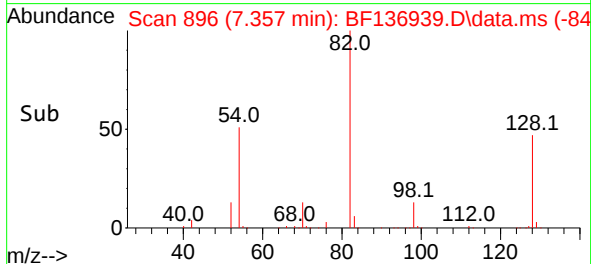
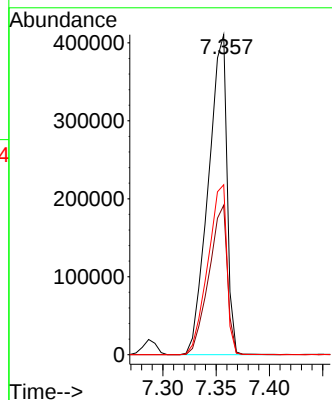
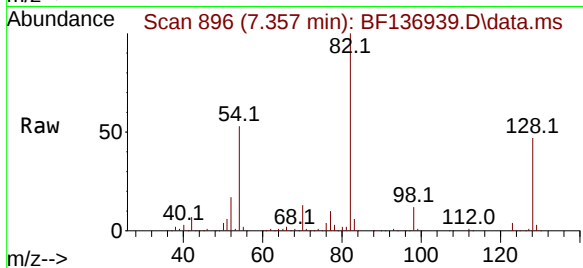
Tgt Ion: 82 Resp: 501905

Ion Ratio Lower Upper

82 100

128 46.7 35.3 52.9

54 53.1 44.5 66.7



#24

Nitrobenzene

Concen: 36.709 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

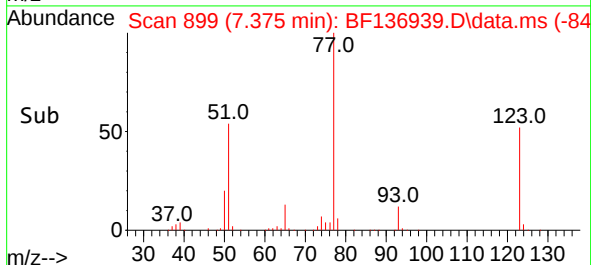
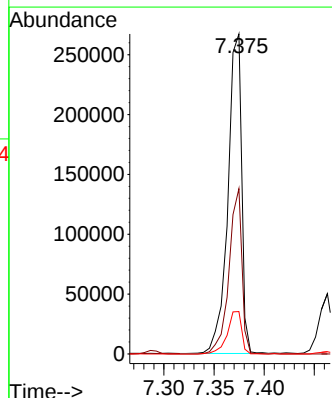
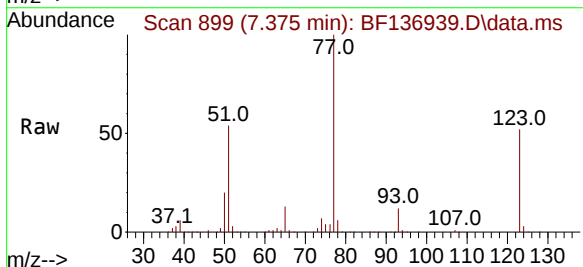
Tgt Ion: 77 Resp: 254610

Ion Ratio Lower Upper

77 100

123 51.7 36.7 55.1

65 13.3 11.8 17.6

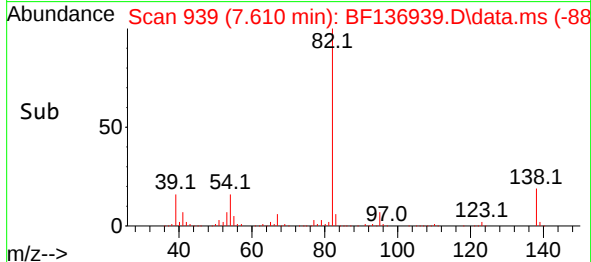
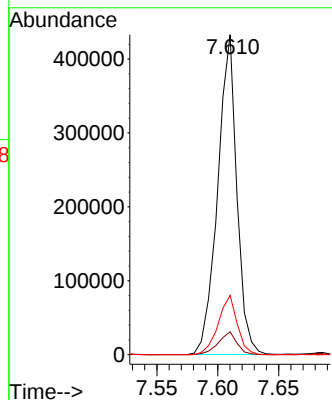
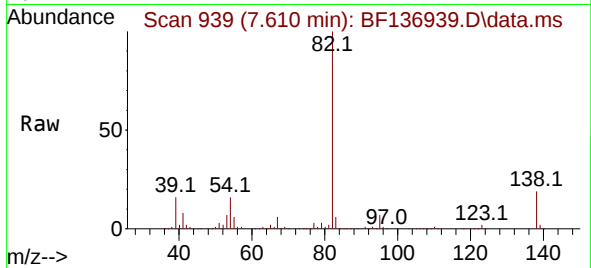




#25
Isophorone
Concen: 37.647 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

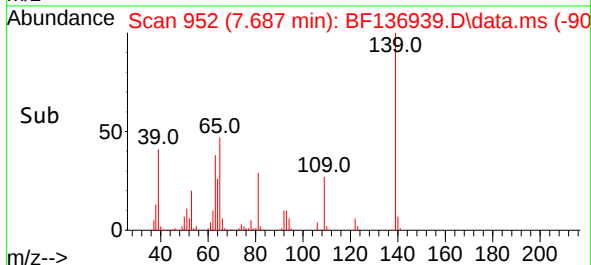
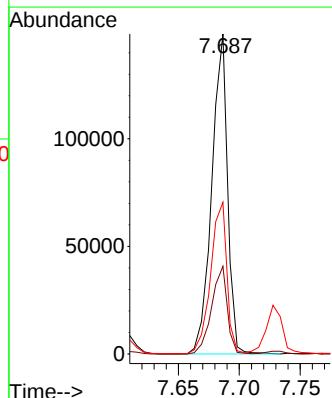
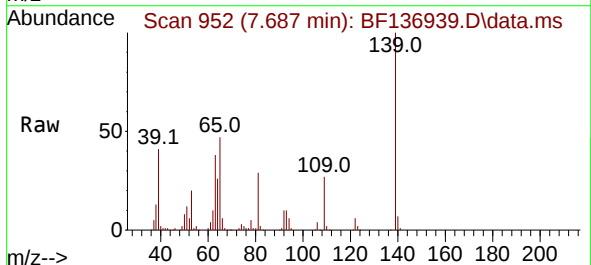
Instrument :
BNA_F
ClientSampleId :
PB158038BS

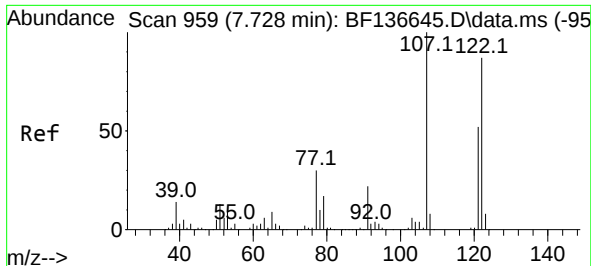
Tgt Ion: 82 Resp: 474312
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.5 14.5 21.7



#26
2-Nitrophenol
Concen: 40.341 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:139 Resp: 133870
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 47.4 38.6 58.0

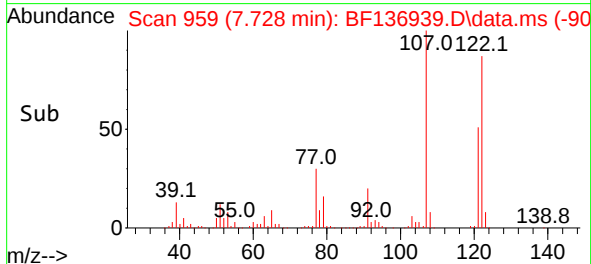
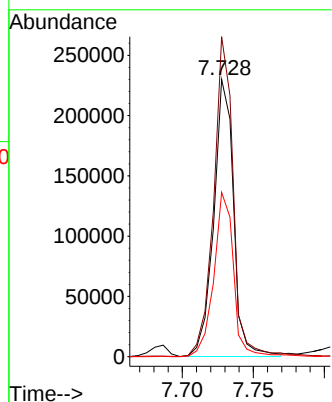
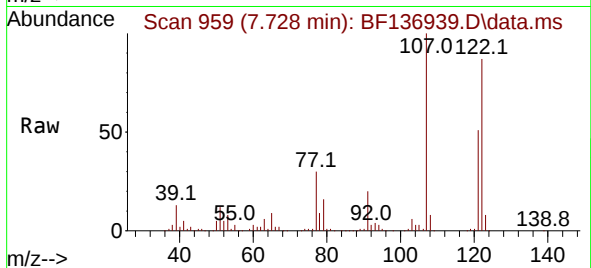




#27
2,4-Dimethylphenol
Concen: 55.247 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

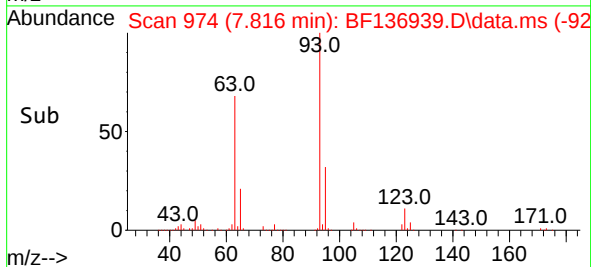
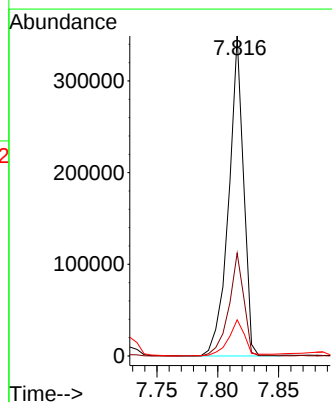
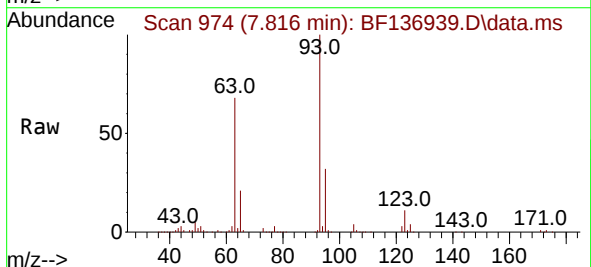
Instrument :
BNA_F
ClientSampleId :
PB158038BS

Tgt Ion:122 Resp: 223201
Ion Ratio Lower Upper
122 100
107 115.4 92.0 138.0
121 59.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.780 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion: 93 Resp: 296989
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.3 9.2 13.8

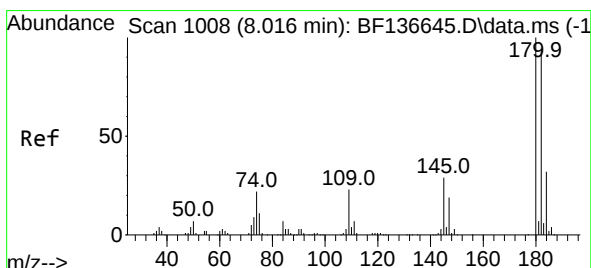
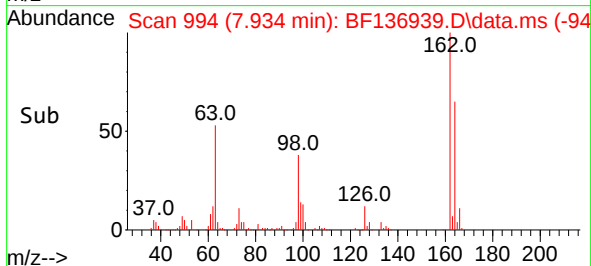
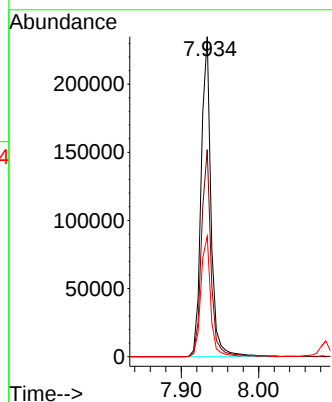
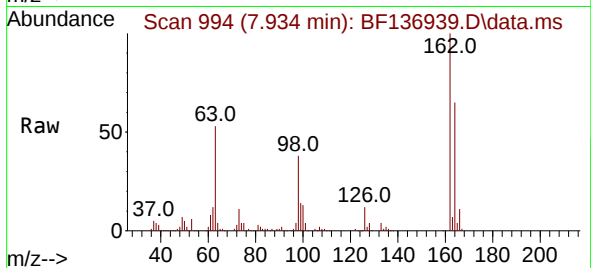




#29
2,4-Dichlorophenol
Concen: 39.802 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

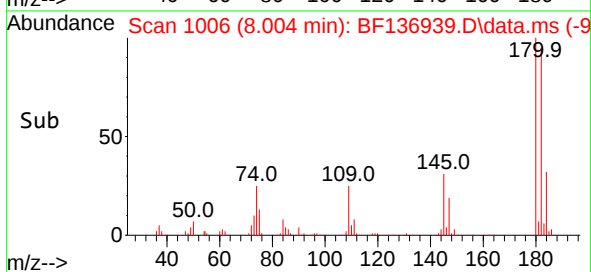
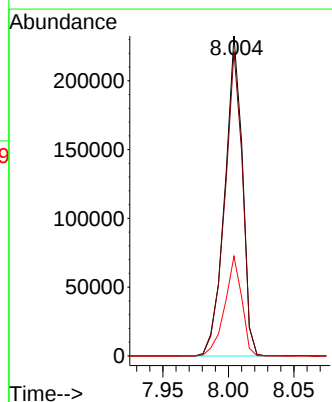
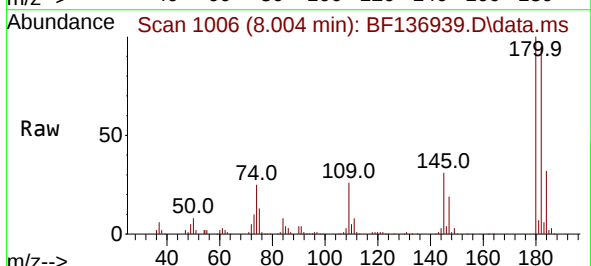
Instrument :
BNA_F
ClientSampleId :
PB158038BS

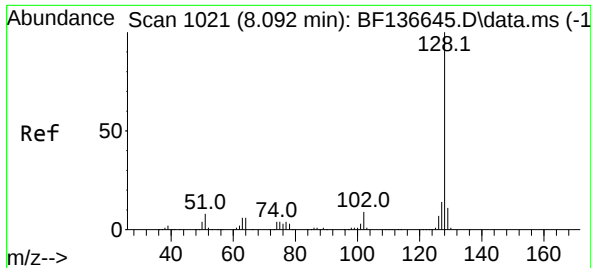
Tgt Ion:162 Resp: 207021
Ion Ratio Lower Upper
162 100
164 64.7 41.7 81.7
98 37.6 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.297 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:180 Resp: 216144
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
145 31.2 23.1 34.7

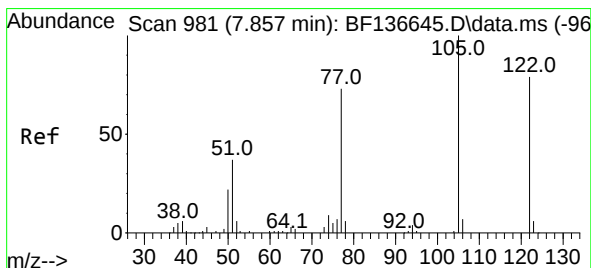
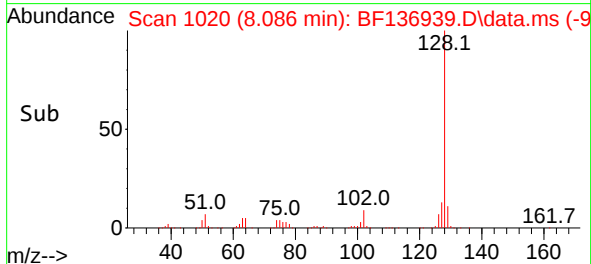
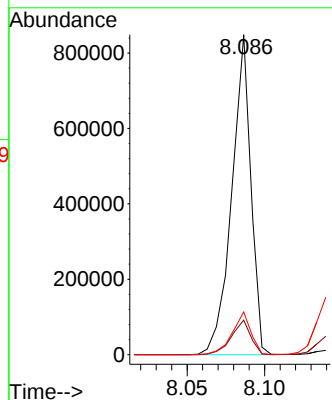
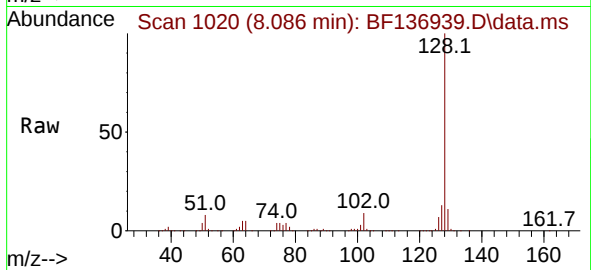




#31
Naphthalene
Concen: 37.369 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

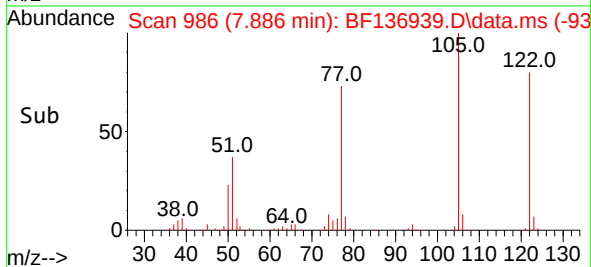
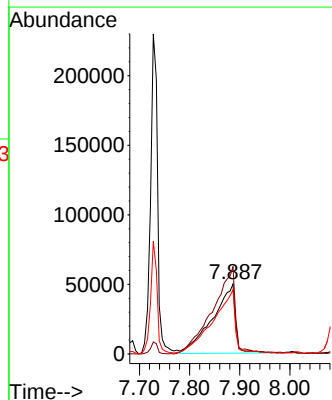
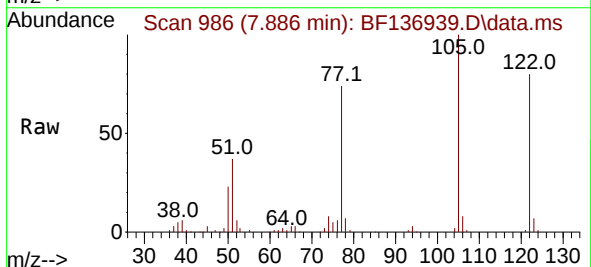
Instrument :
BNA_F
ClientSampleId :
PB158038BS

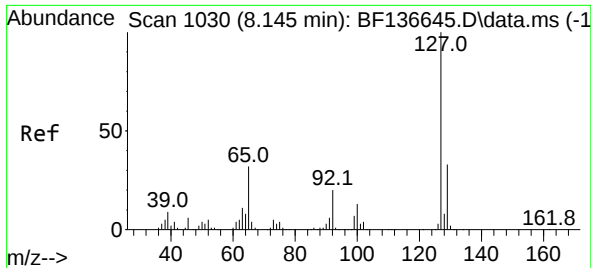
Tgt Ion:128 Resp: 727377
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 40.489 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:122 Resp: 158271
Ion Ratio Lower Upper
122 100
105 124.7 100.8 140.8
77 91.7 70.9 110.9

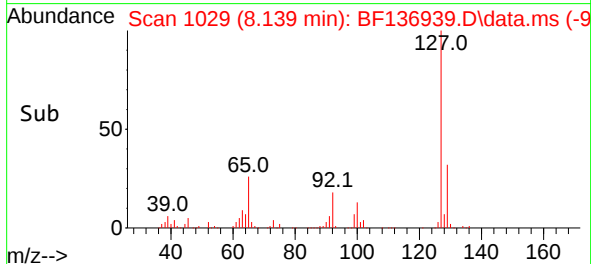
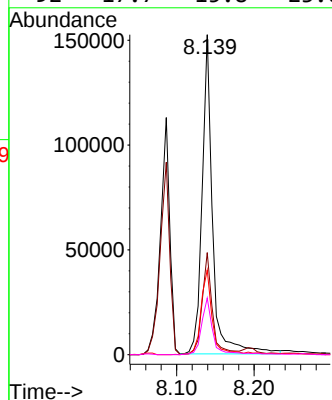
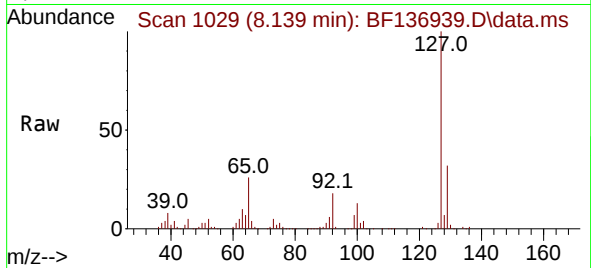




#33
4-Chloroaniline
Concen: 19.956 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

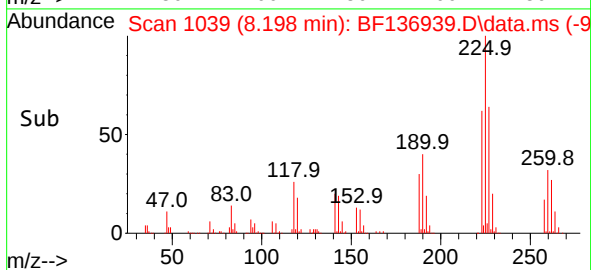
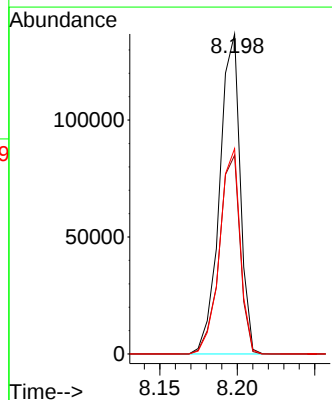
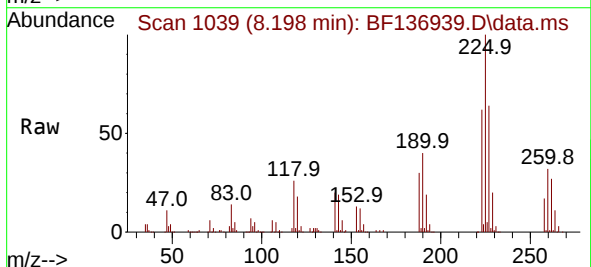
Instrument :
BNA_F
ClientSampleId :
PB158038BS

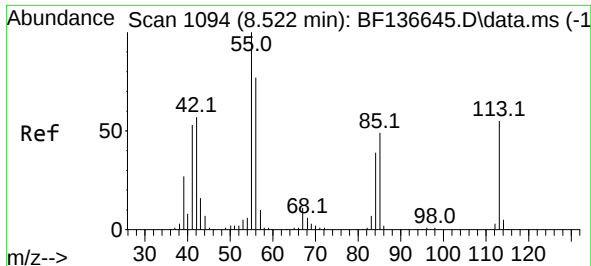
Tgt Ion:127	Resp: 143418
Ion Ratio	Lower Upper
127 100	
129 31.9	26.3 39.5
65 26.5	25.8 38.8
92 17.7	15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.865 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt	Ion:225	Resp:	126279
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.1	51.9	77.9

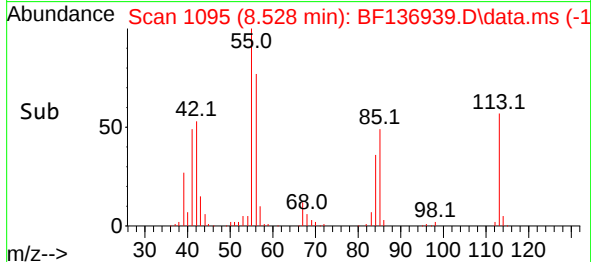
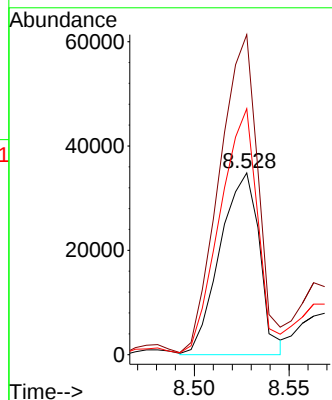
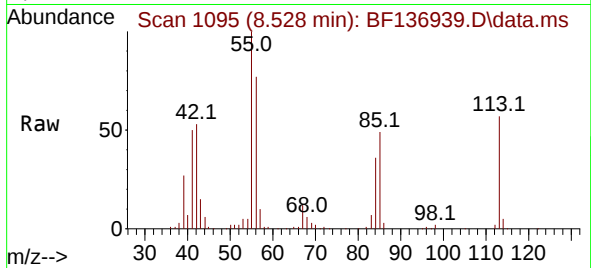




#35
 Caprolactam
 Concen: 29.438 ng
 RT: 8.528 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF136939.D
 Acq: 04 Jan 2024 14:06

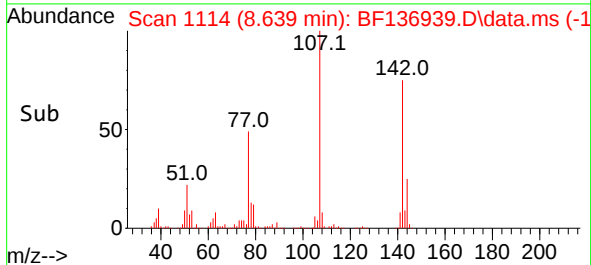
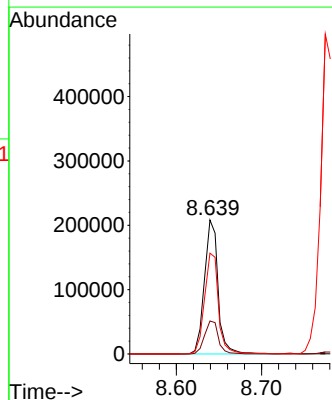
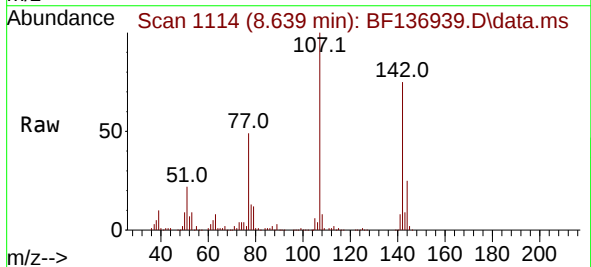
Instrument :
 BNA_F
 ClientSampleId :
 PB158038BS

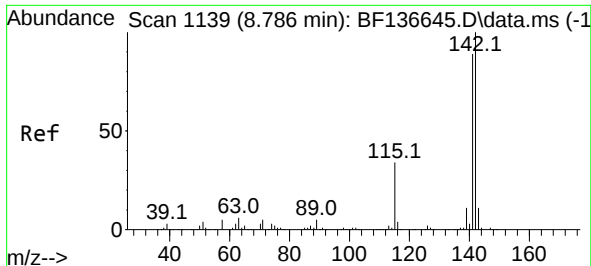
Tgt Ion:113 Resp: 50512
 Ion Ratio Lower Upper
 113 100
 55 176.1 163.1 203.1
 56 135.3 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.607 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136939.D
 Acq: 04 Jan 2024 14:06

Tgt Ion:107 Resp: 231914
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 75.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.065 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

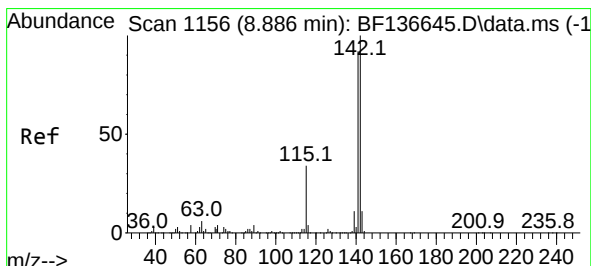
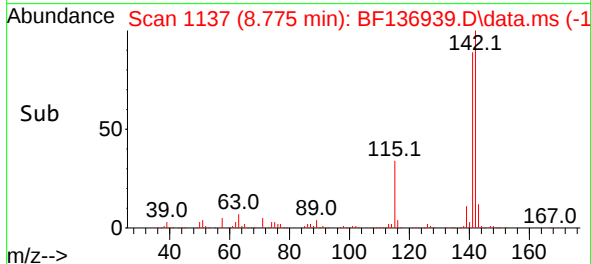
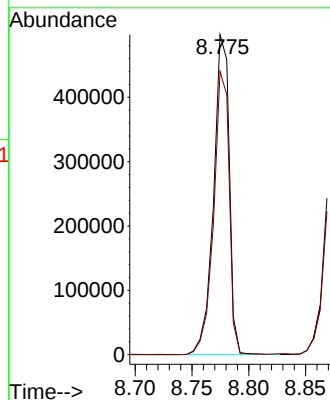
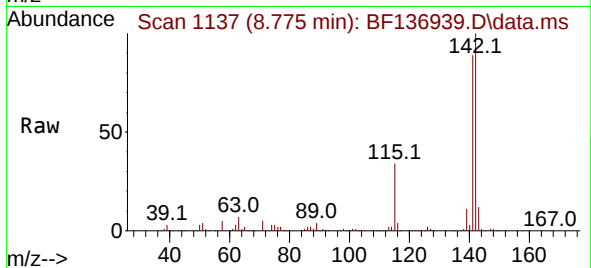
PB158038BS

Tgt Ion:142 Resp: 476835

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.924 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136939.D

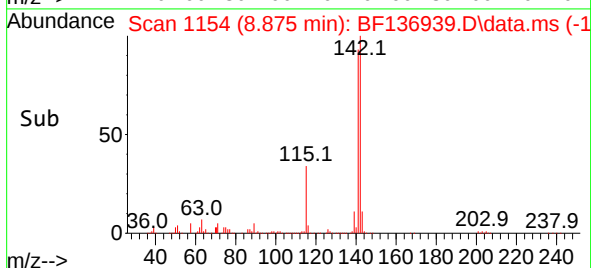
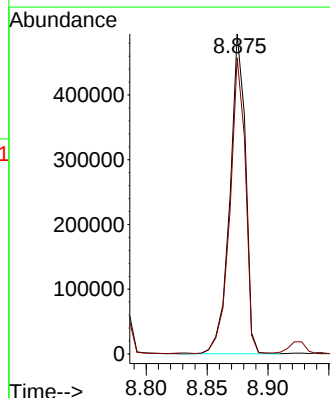
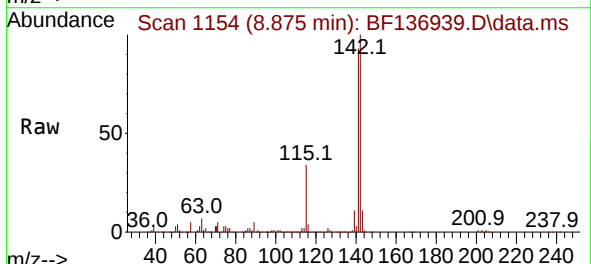
Acq: 04 Jan 2024 14:06

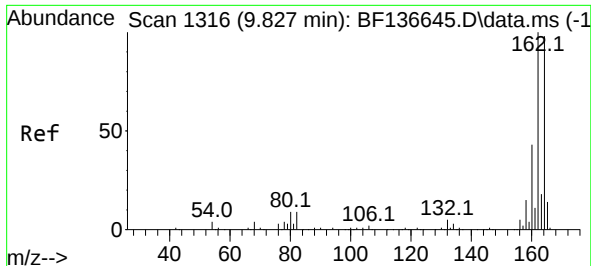
Tgt Ion:142 Resp: 441503

Ion Ratio Lower Upper

142 100

141 92.5 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: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

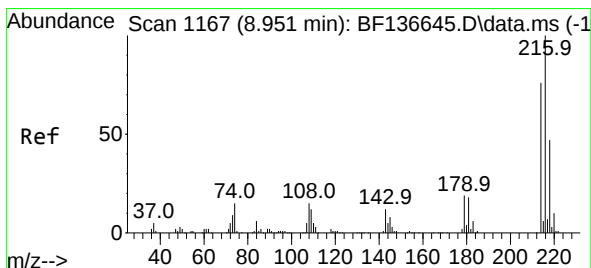
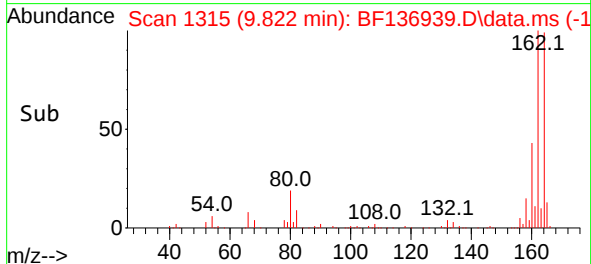
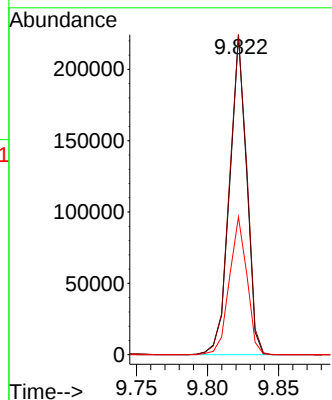
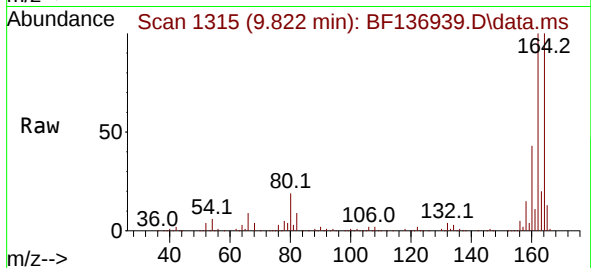
Tgt Ion:164 Resp: 186066

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

160 43.1 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.444 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Tgt Ion:216 Resp: 227291

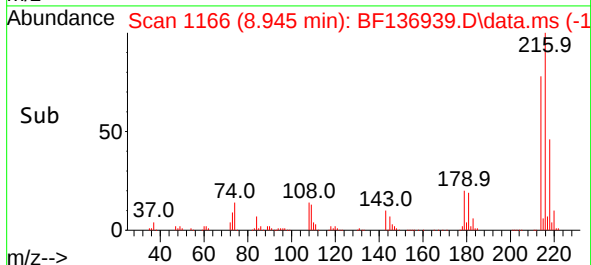
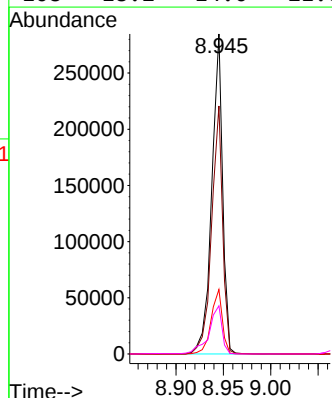
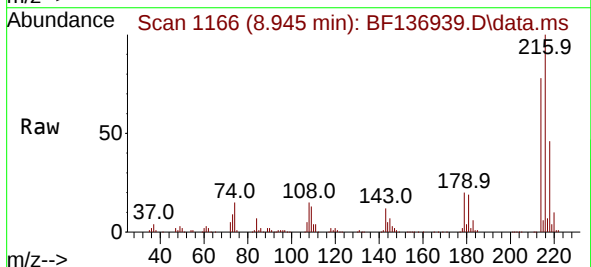
Ion Ratio Lower Upper

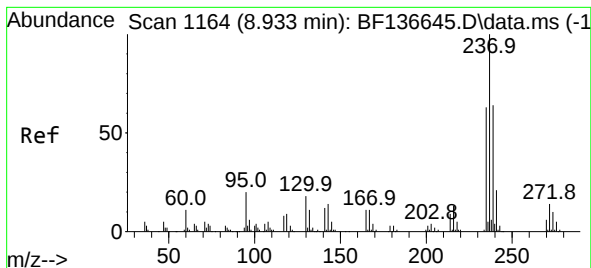
216 100

214 78.3 62.3 93.5

179 20.7 16.4 24.6

108 18.2 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 87.676 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

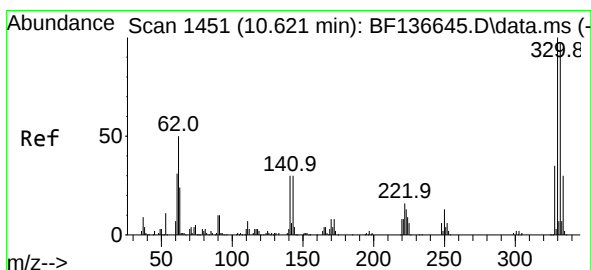
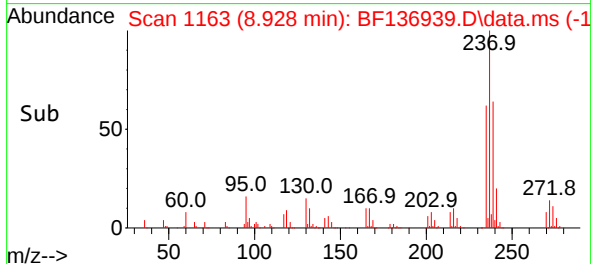
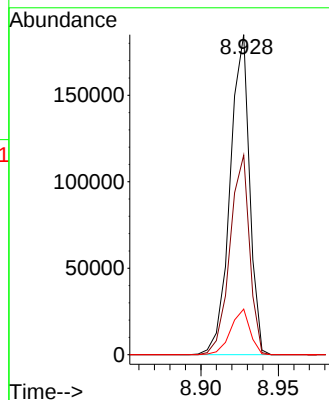
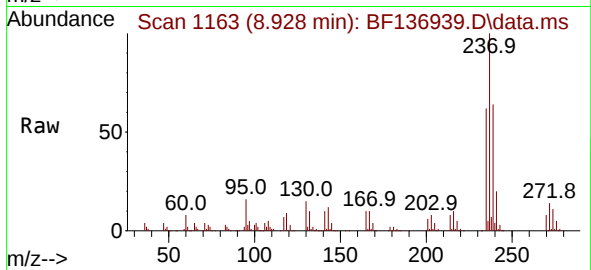
Tgt Ion:237 Resp: 162006

Ion Ratio Lower Upper

237 100

235 62.4 43.2 83.2

272 14.3 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 112.967 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

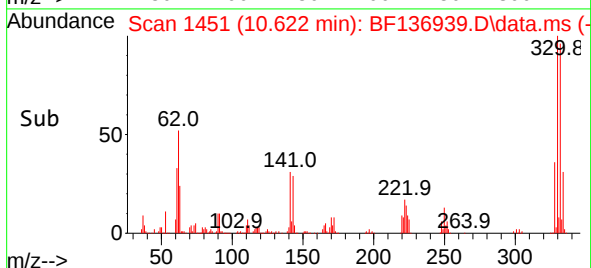
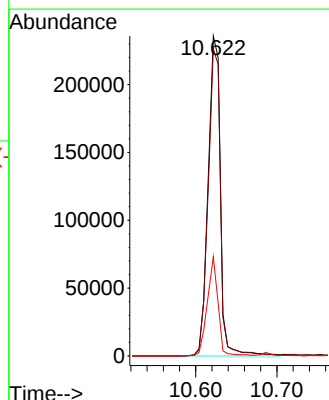
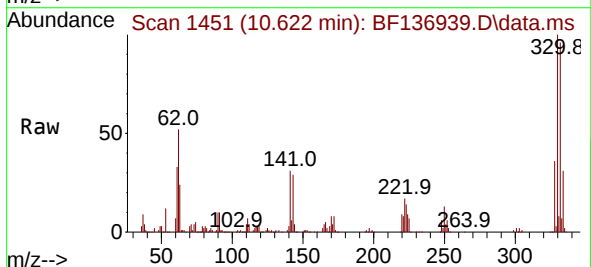
Tgt Ion:330 Resp: 247549

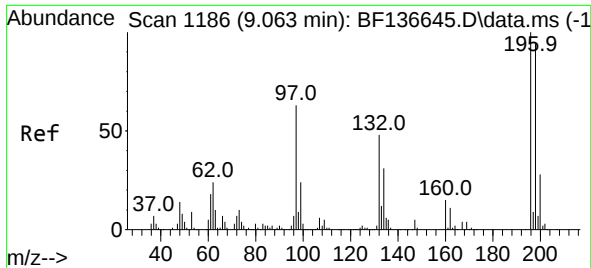
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 27.2 23.4 35.2

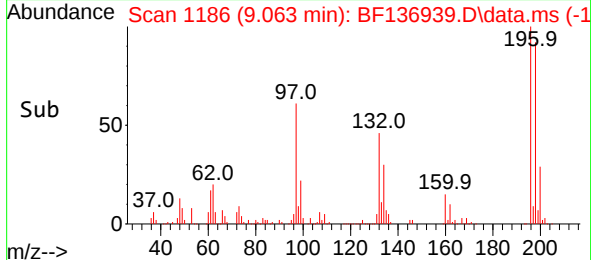
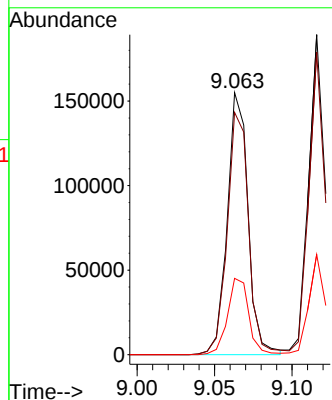
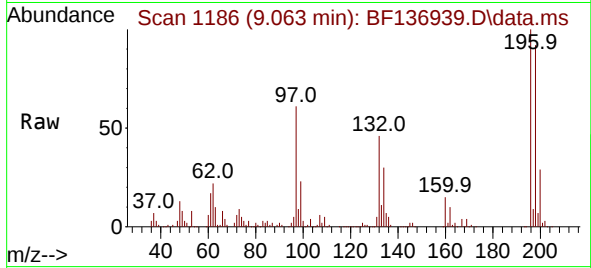




#43
2,4,6-Trichlorophenol
Concen: 39.159 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

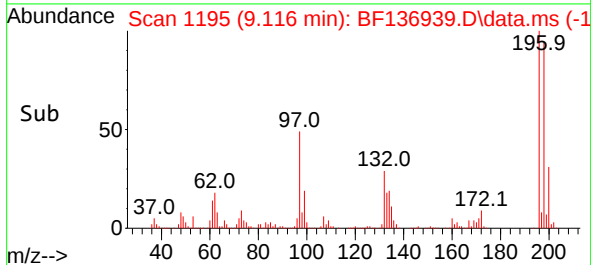
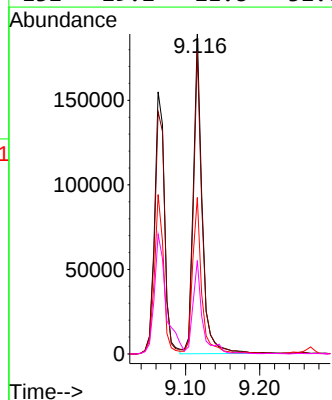
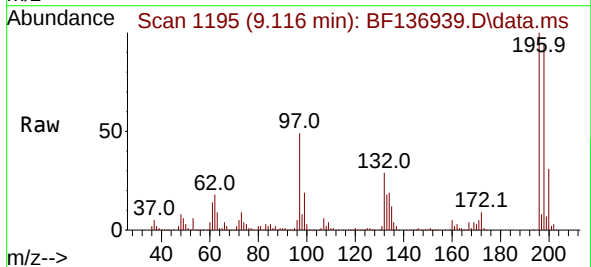
Instrument :
BNA_F
ClientSampleId :
PB158038BS

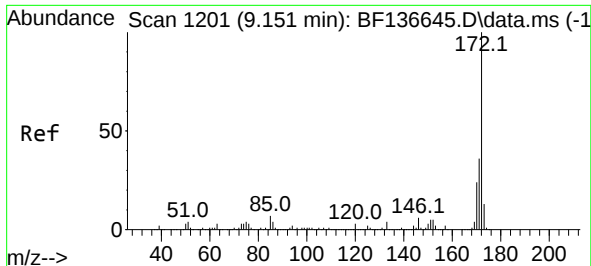
Tgt Ion:196 Resp: 144712
Ion Ratio Lower Upper
196 100
198 92.4 75.1 112.7
200 29.1 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.282 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:196 Resp: 157649
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
97 48.9 36.1 54.1
132 29.2 21.8 32.6

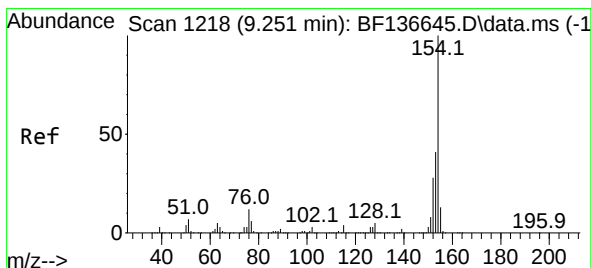
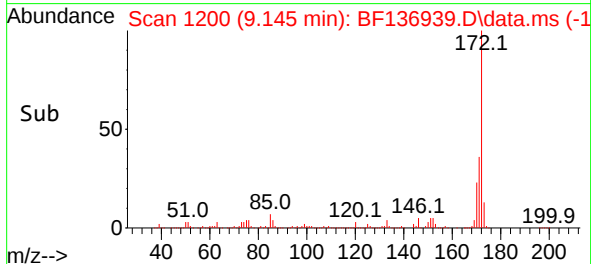
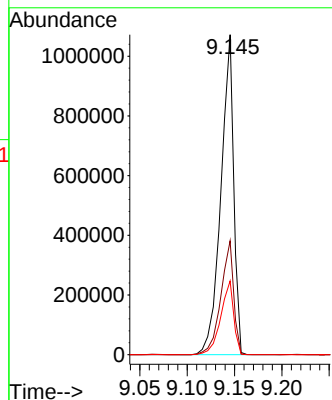
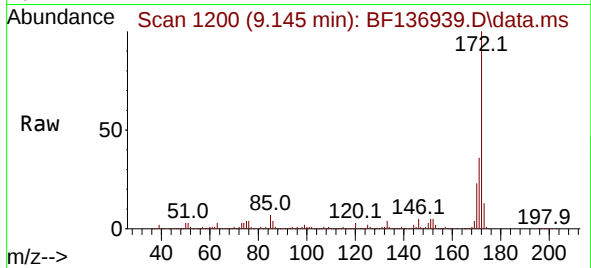




#45
2-Fluorobiphenyl
Concen: 73.152 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

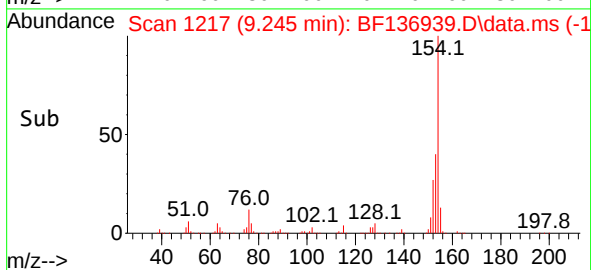
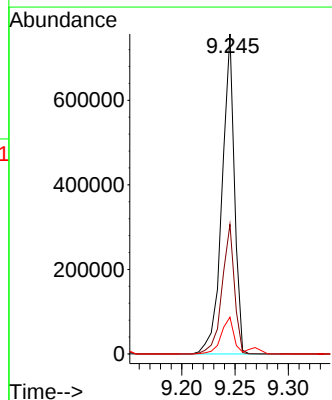
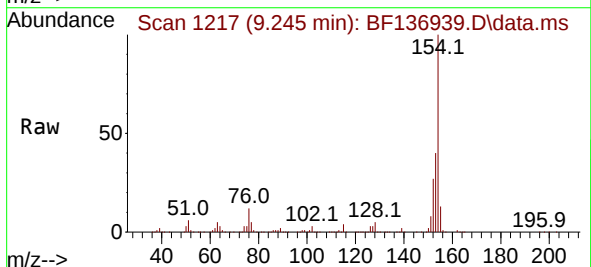
Instrument :
BNA_F
ClientSampleId :
PB158038BS

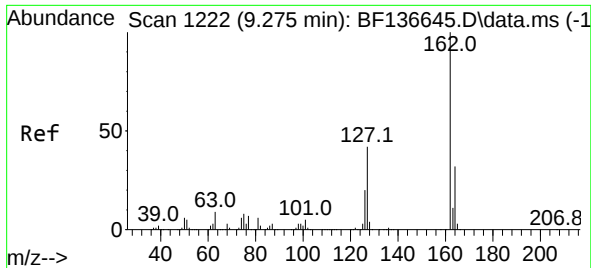
Tgt Ion:172 Resp: 1011989
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.172 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:154 Resp: 611624
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 11.5 0.0 31.7

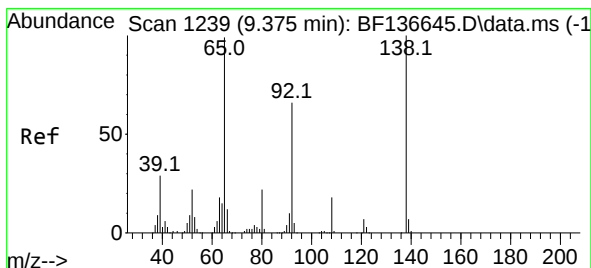
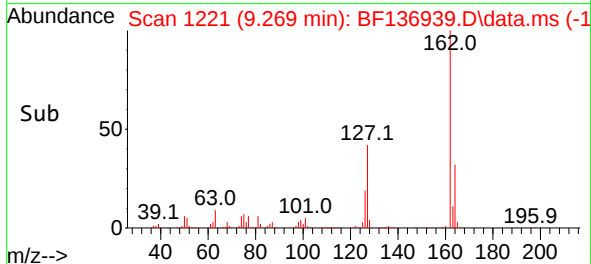
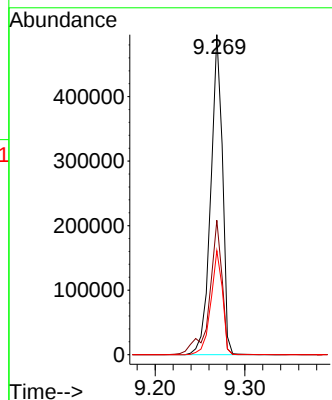
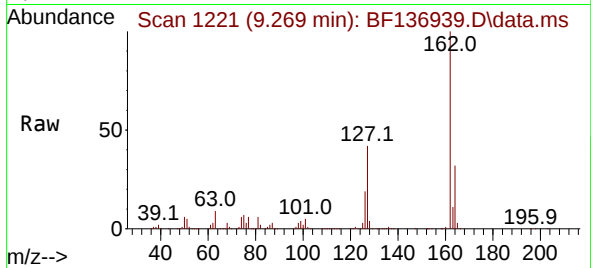




#47
2-Chloronaphthalene
Concen: 37.808 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

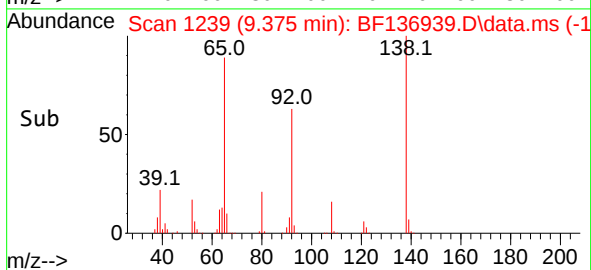
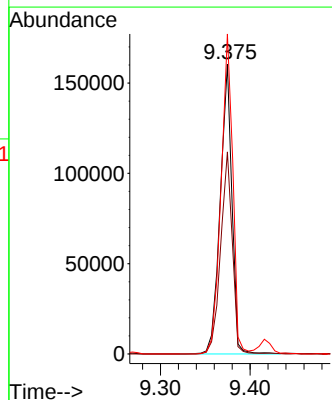
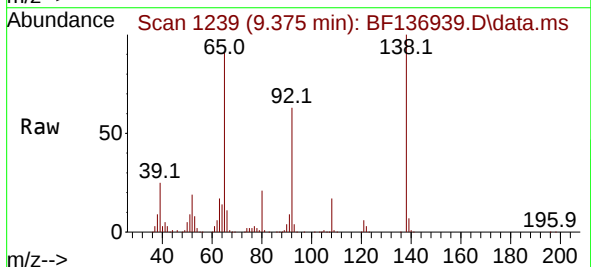
Instrument :
BNA_F
ClientSampleId :
PB158038BS

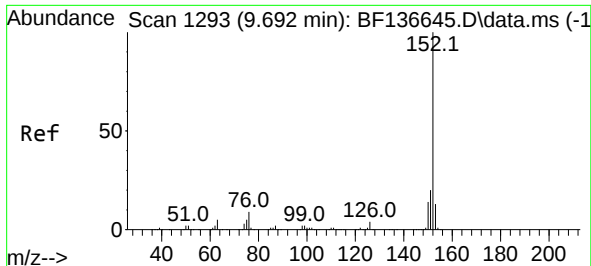
Tgt Ion:162 Resp: 448772
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 32.5 25.7 38.5



#48
2-Nitroaniline
Concen: 39.180 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion: 65 Resp: 145631
Ion Ratio Lower Upper
65 100
92 69.7 53.2 79.8
138 110.4 81.1 121.7

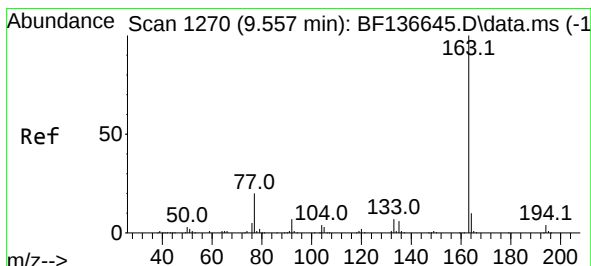
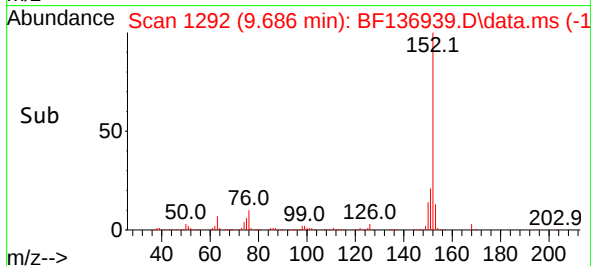
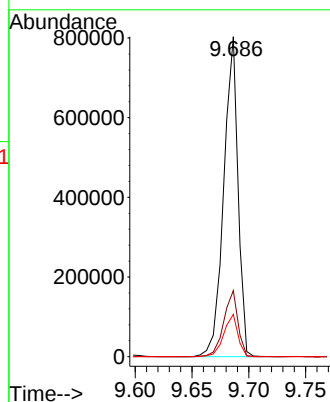
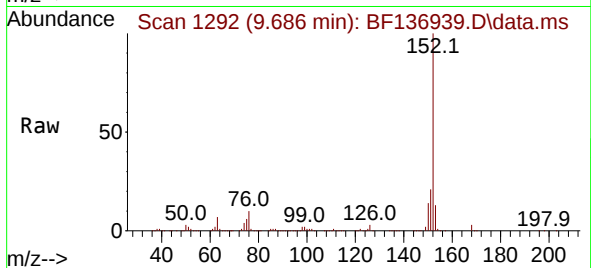




#49
Acenaphthylene
Concen: 38.903 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

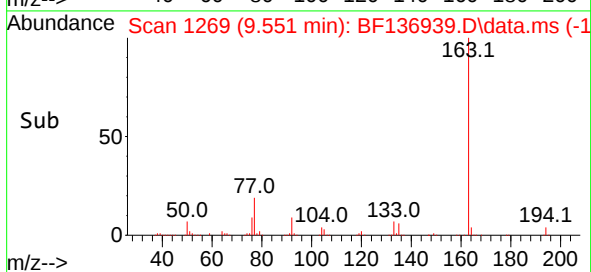
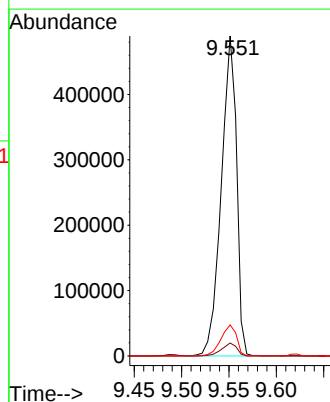
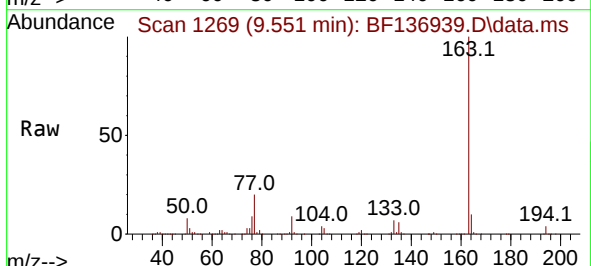
Instrument :
BNA_F
ClientSampleId :
PB158038BS

Tgt Ion:152 Resp: 705807
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.2 10.2 15.2



#50
Dimethylphthalate
Concen: 40.578 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:163 Resp: 551487
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.7 7.8 11.6

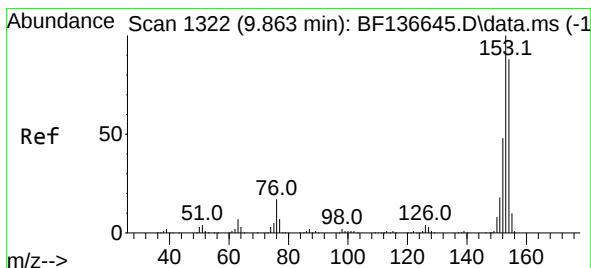
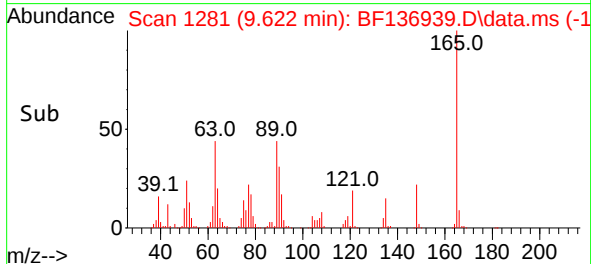
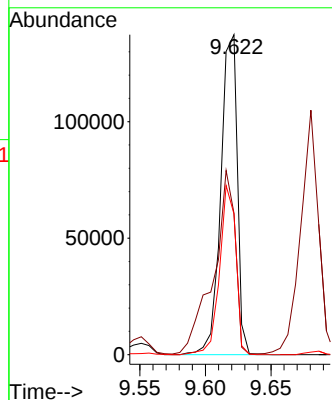
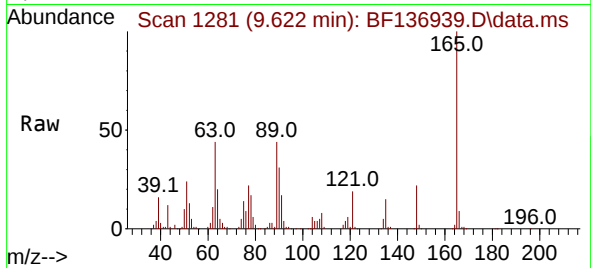




#51
2,6-Dinitrotoluene
Concen: 39.033 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

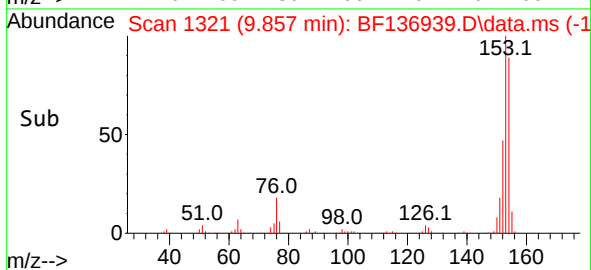
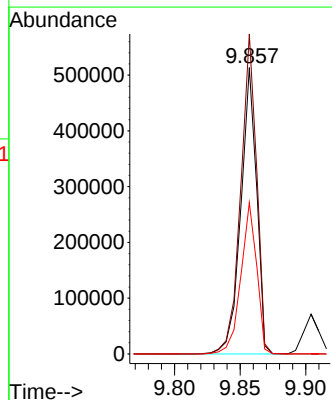
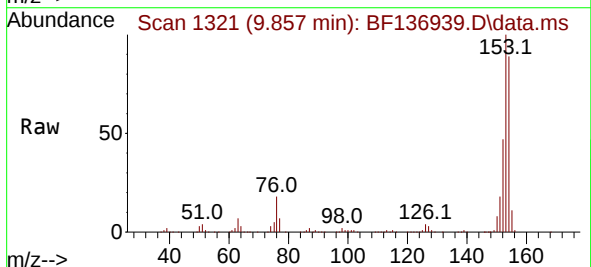
Instrument :
BNA_F
ClientSampleId :
PB158038BS

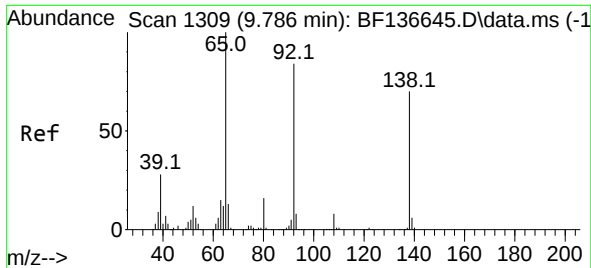
Tgt Ion:165 Resp: 120395
Ion Ratio Lower Upper
165 100
63 44.2 39.8 59.6
89 44.0 38.8 58.2



#52
Acenaphthene
Concen: 38.288 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:154 Resp: 430605
Ion Ratio Lower Upper
154 100
153 111.7 90.7 136.1
152 52.9 43.7 65.5

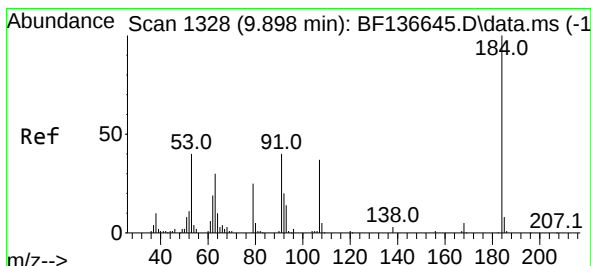
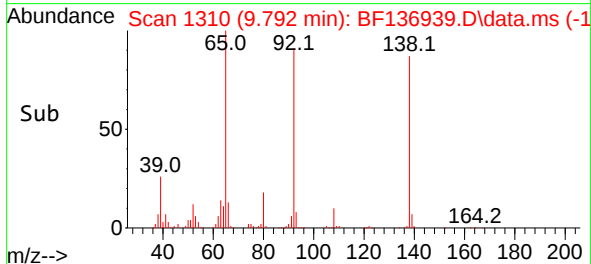
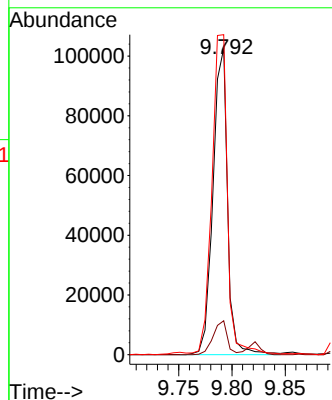
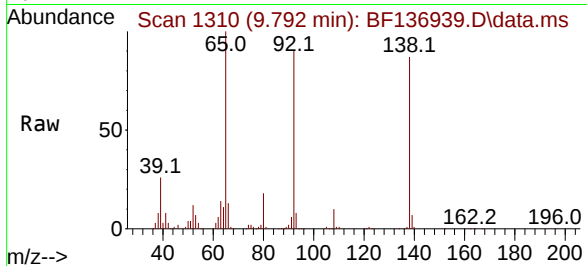




#53
3-Nitroaniline
Concen: 29.808 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

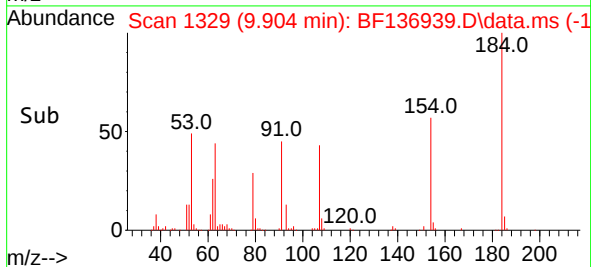
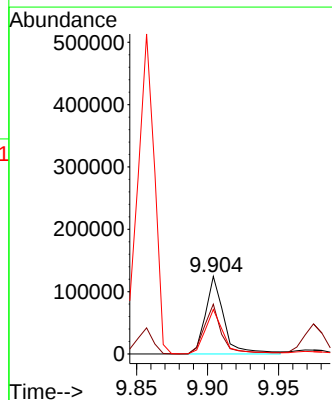
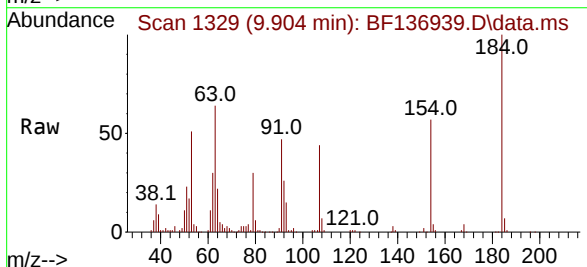
Instrument :
BNA_F
ClientSampleId :
PB158038BS

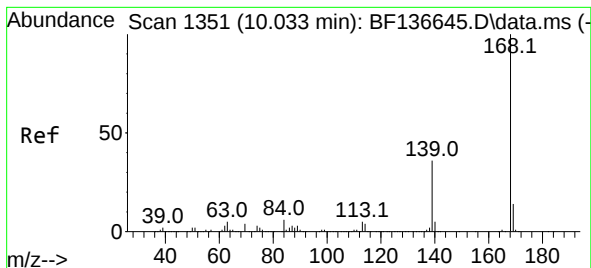
Tgt Ion:138 Resp: 97394
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 104.4 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 66.356 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:184 Resp: 112291
Ion Ratio Lower Upper
184 100
63 64.2 40.9 61.3#
154 57.4 42.7 64.1





#55

Dibenzofuran

Concen: 38.222 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

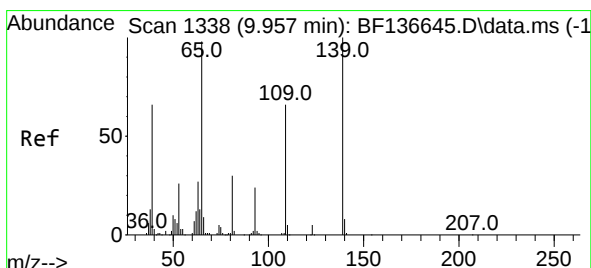
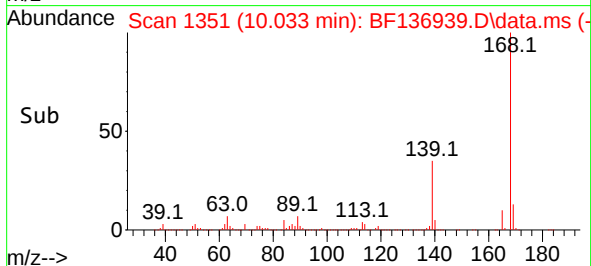
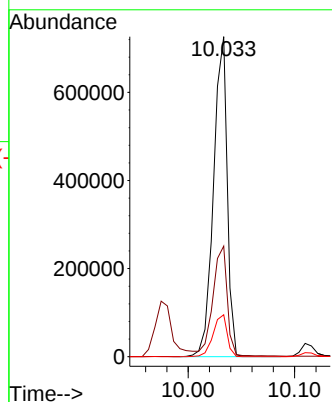
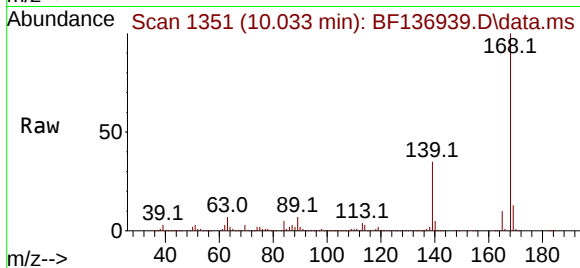
Tgt Ion:168 Resp: 651606

Ion Ratio Lower Upper

168 100

139 34.5 29.3 43.9

169 13.1 11.0 16.4



#56

4-Nitrophenol

Concen: 64.676 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

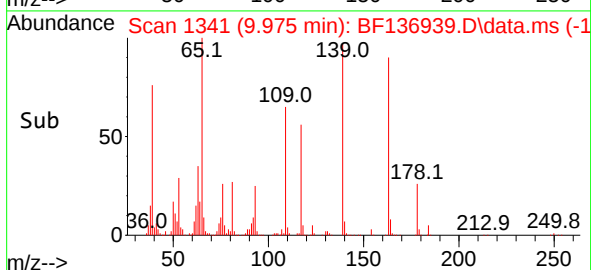
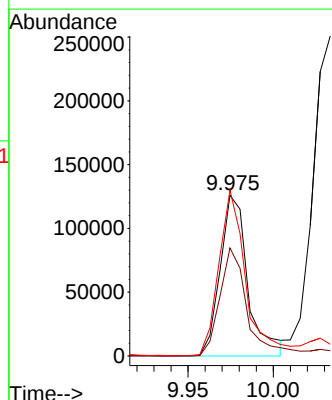
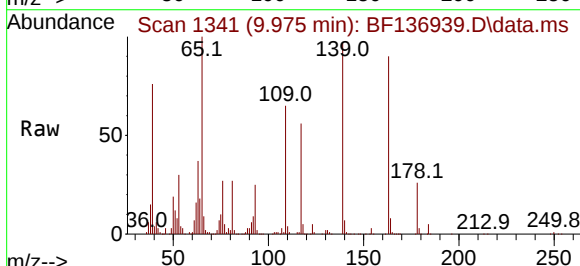
Tgt Ion:139 Resp: 142655

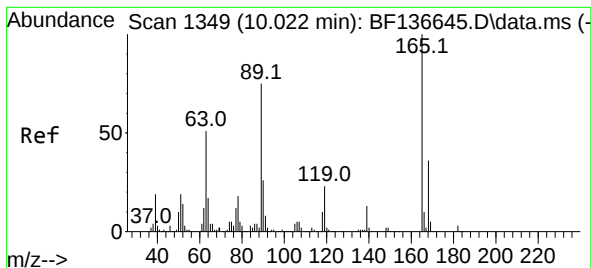
Ion Ratio Lower Upper

139 100

109 67.2 45.8 85.8

65 103.3 77.8 117.8

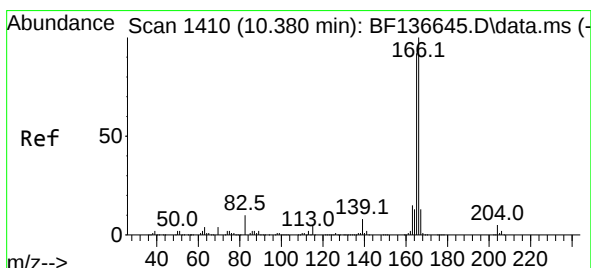
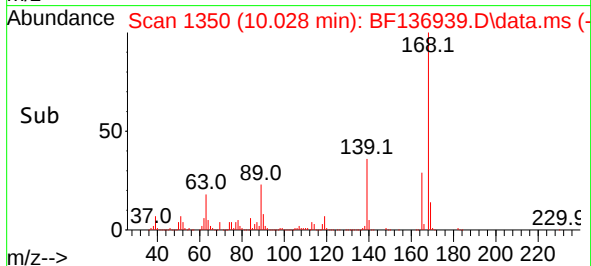
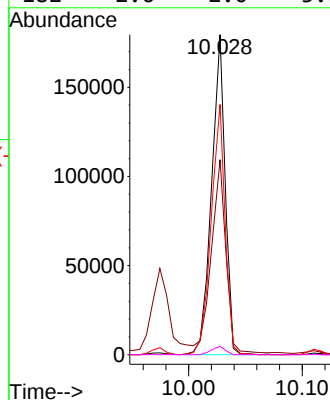
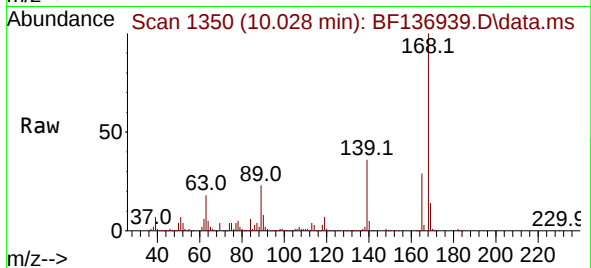




#57
2,4-Dinitrotoluene
Concen: 37.325 ng
RT: 10.028 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

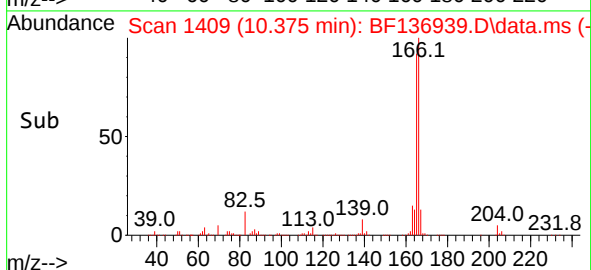
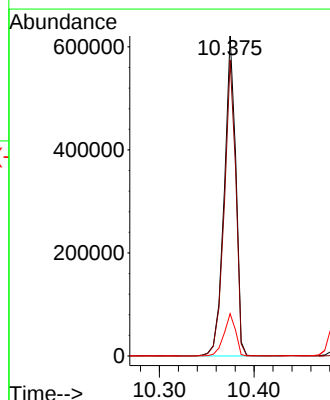
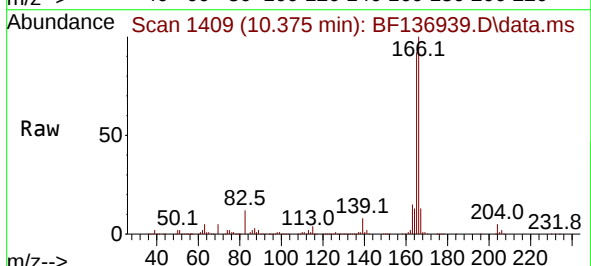
Instrument :
BNA_F
ClientSampleId :
PB158038BS

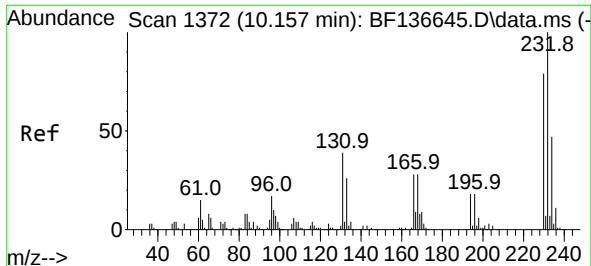
Tgt Ion:165 Resp: 149457
Ion Ratio Lower Upper
165 100
63 61.0 41.0 61.6
89 78.2 59.9 89.9
182 2.6 2.0 3.0



#58
Fluorene
Concen: 39.061 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:166 Resp: 528378
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.2 10.4 15.6

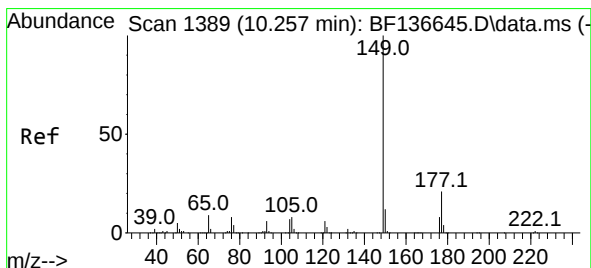
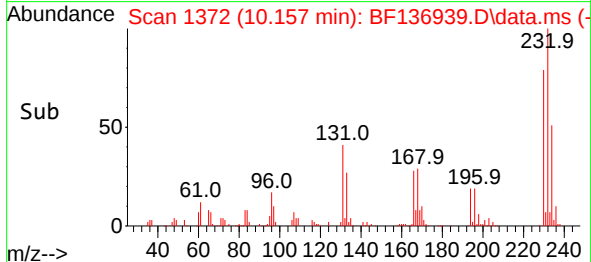
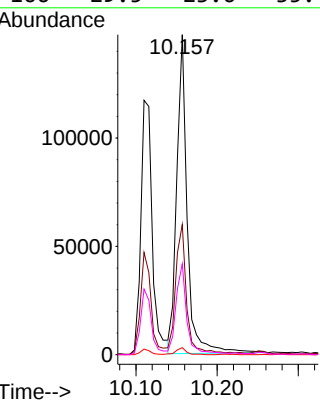
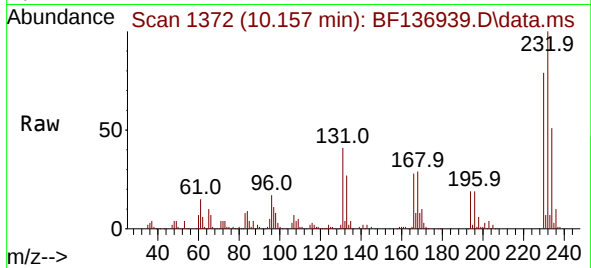




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.571 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

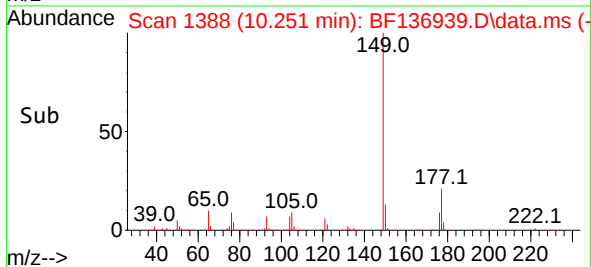
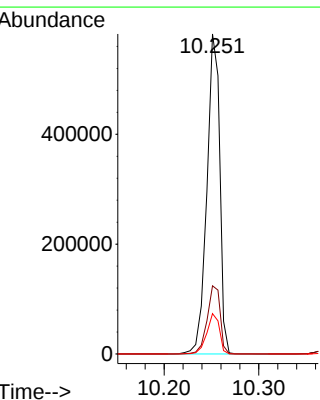
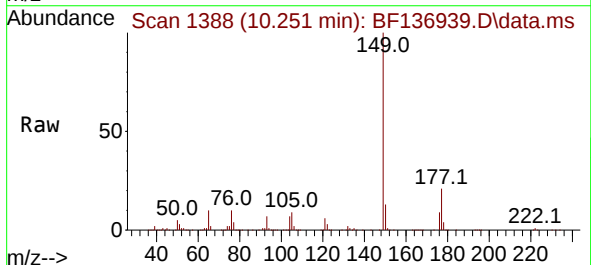
Instrument :
BNA_F
ClientSampleId :
PB158038BS

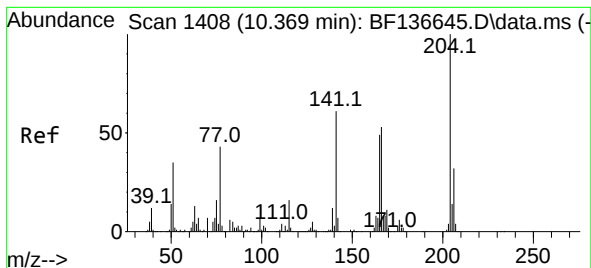
Tgt Ion:232 Resp: 131783
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 2.2 1.6 2.4
166 29.5 23.6 35.4



#60
Diethylphthalate
Concen: 39.120 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:149 Resp: 551633
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.6 9.3 13.9

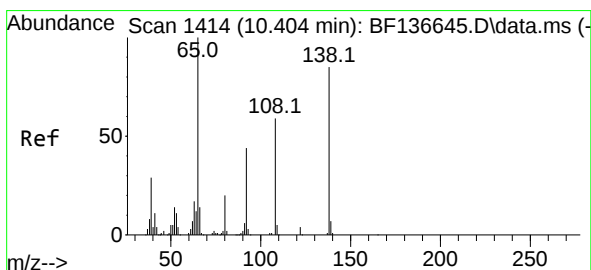
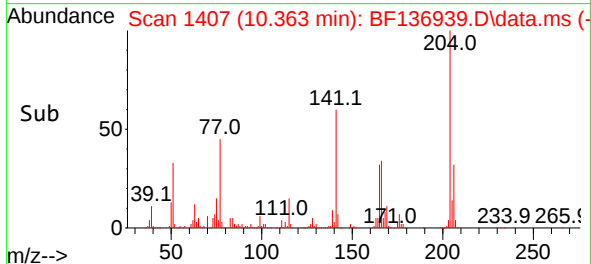
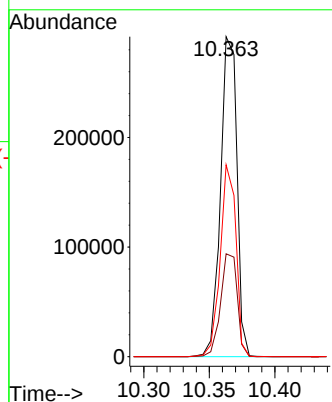
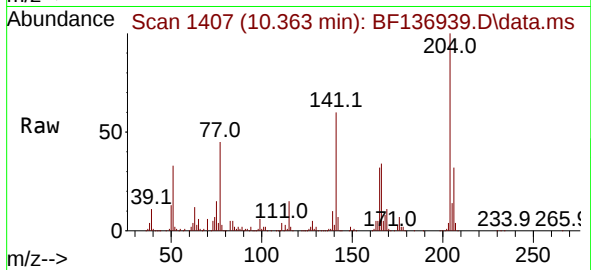




#61
4-Chlorophenyl-phenylether
Concen: 38.560 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

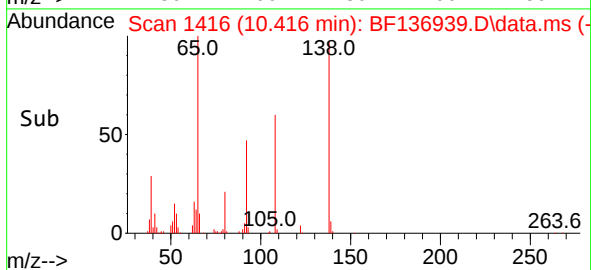
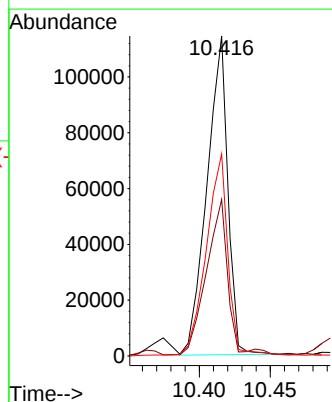
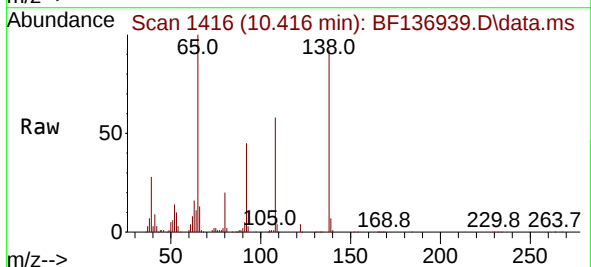
Instrument :
BNA_F
ClientSampleId :
PB158038BS

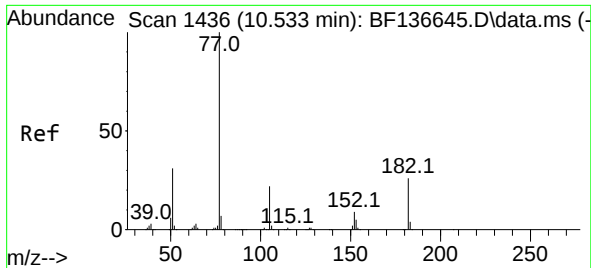
Tgt Ion:204 Resp: 253531
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 60.0 48.4 72.6



#62
4-Nitroaniline
Concen: 37.066 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:138 Resp: 116750
Ion Ratio Lower Upper
138 100
92 48.9 32.1 72.1
108 63.1 50.1 90.1

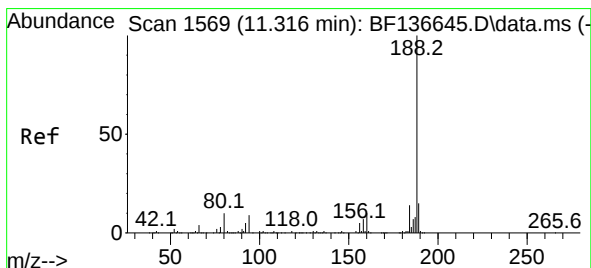
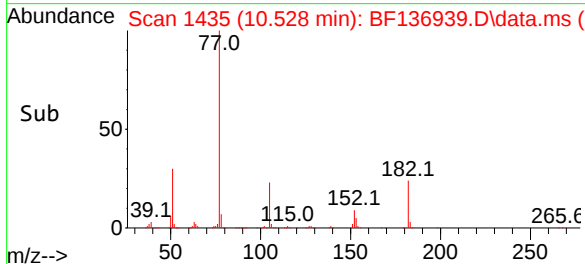
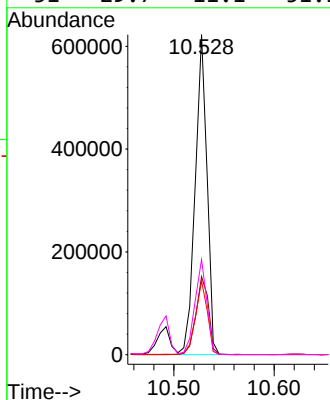
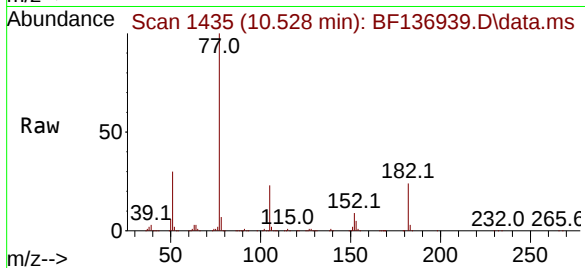




#63
Azobenzene
Concen: 38.768 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

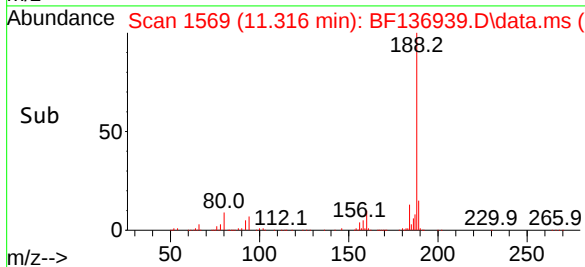
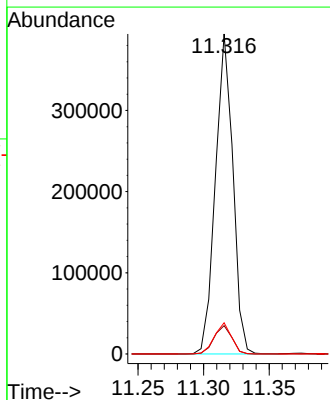
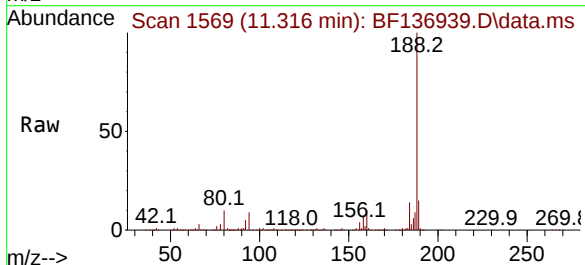
Instrument :
BNA_F
ClientSampleId :
PB158038BS

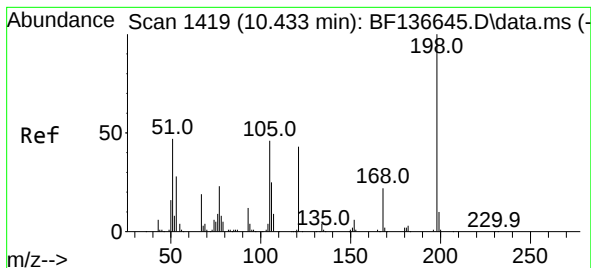
Tgt Ion: 77	Resp: 510599
Ion Ratio	Lower Upper
77 100	
182 24.4	6.0 46.0
105 23.1	2.3 42.3
51 29.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:188	Resp: 363757
Ion Ratio	Lower Upper
188 100	
94 8.9	7.5 11.3
80 9.7	8.1 12.1

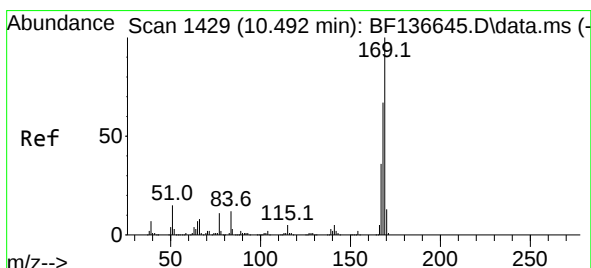
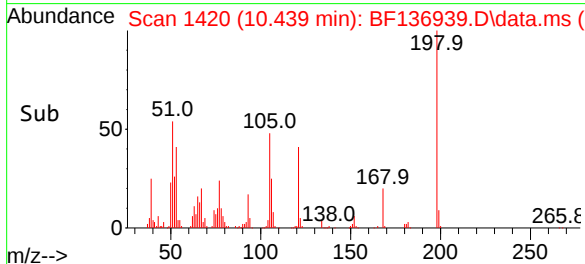
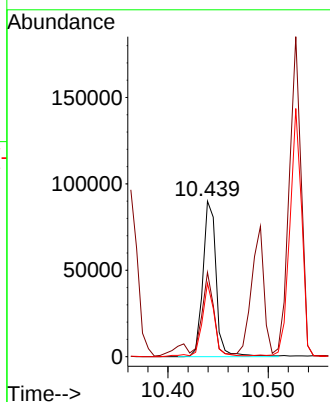
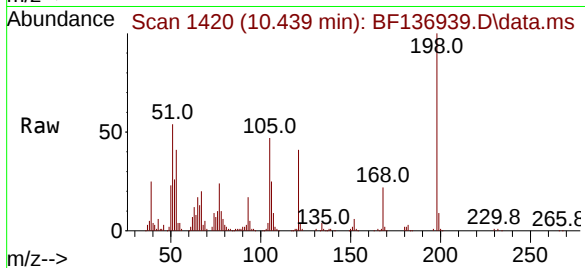




#65
4,6-Dinitro-2-methylphenol
Concen: 39.962 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

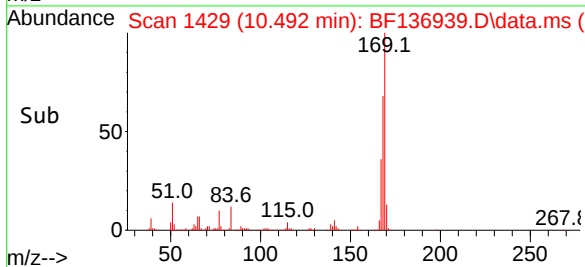
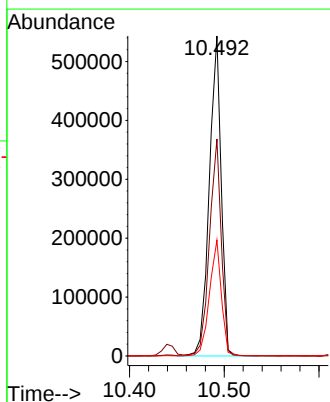
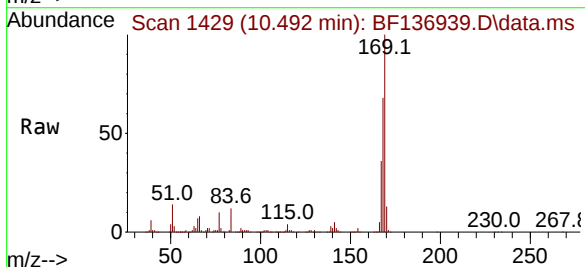
Instrument :
BNA_F
ClientSampleId :
PB158038BS

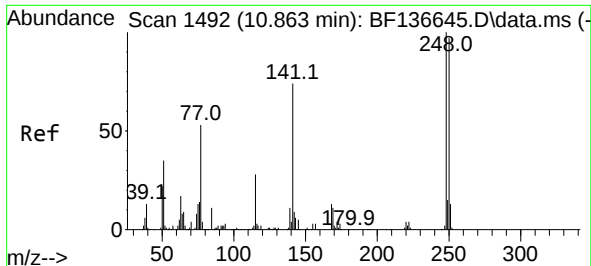
Tgt Ion:198 Resp: 83309
Ion Ratio Lower Upper
198 100
51 54.2 34.1 74.1
105 47.3 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.025 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:169 Resp: 472953
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.6
167 36.2 28.7 43.1

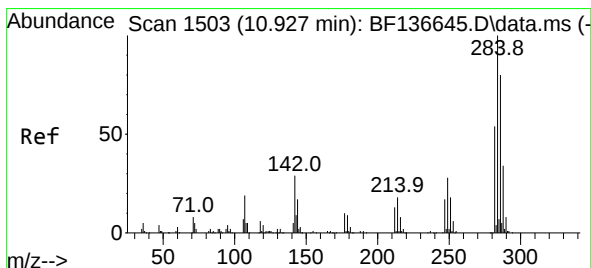
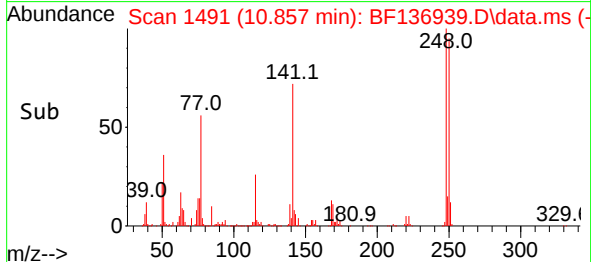
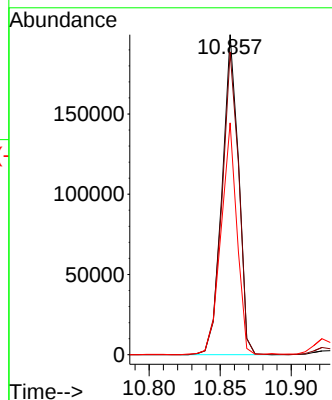
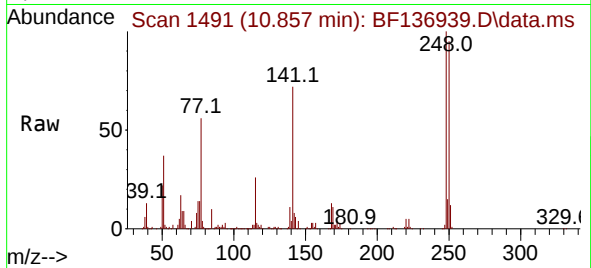




#67
4-Bromophenyl-phenylether
Concen: 39.652 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

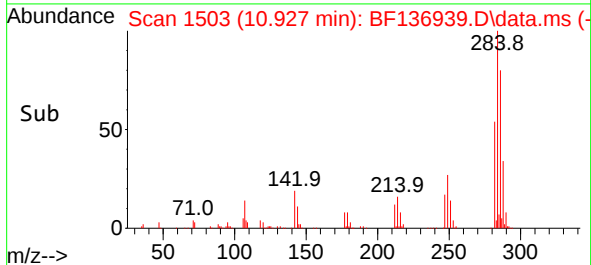
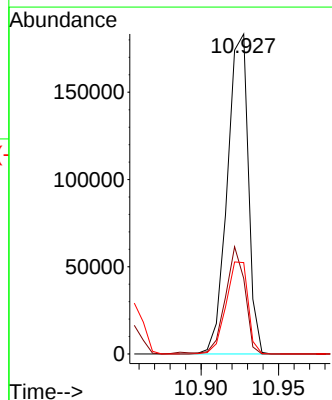
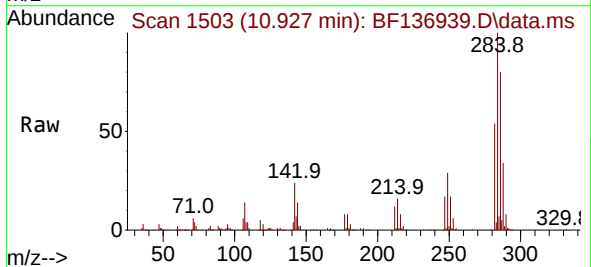
Instrument :
BNA_F
ClientSampleId :
PB158038BS

Tgt Ion:248 Resp: 160186
Ion Ratio Lower Upper
248 100
250 94.6 77.8 116.6
141 72.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136939.D
Acq: 04 Jan 2024 14:06

Tgt Ion:284 Resp: 172985
Ion Ratio Lower Upper
284 100
142 23.6 23.4 35.0
249 28.6 22.3 33.5





#69

Atrazine

Concen: 71.750 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

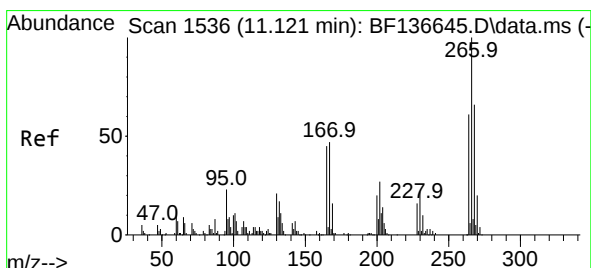
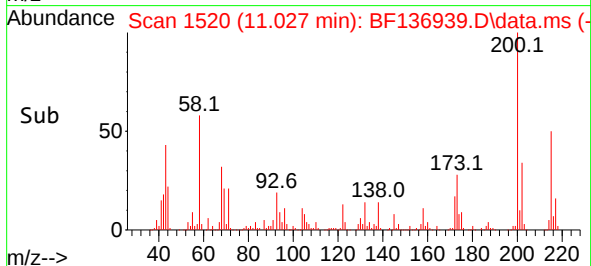
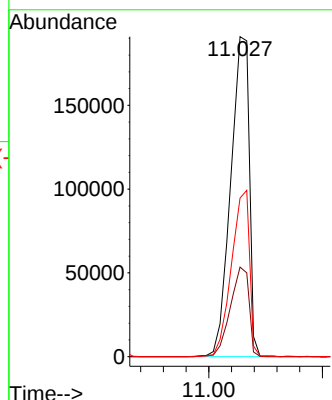
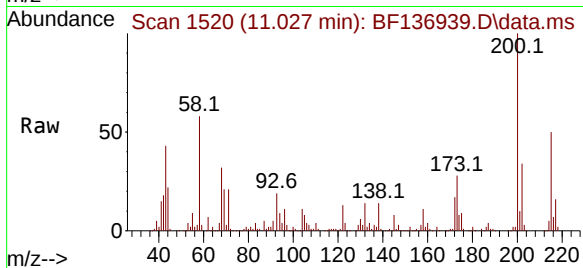
Tgt Ion:200 Resp: 216852

Ion Ratio Lower Upper

200 100

173 28.0 7.6 47.6

215 49.6 28.3 68.3



#70

Pentachlorophenol

Concen: 62.611 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

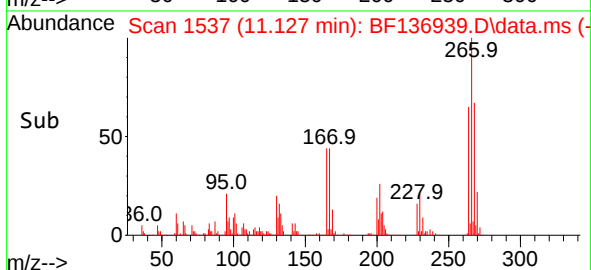
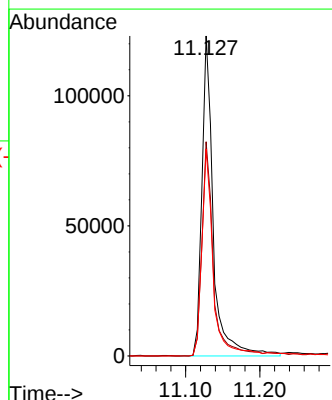
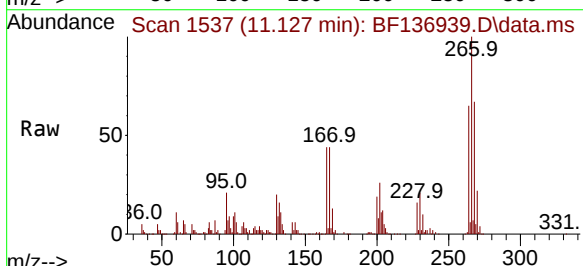
Tgt Ion:266 Resp: 131385

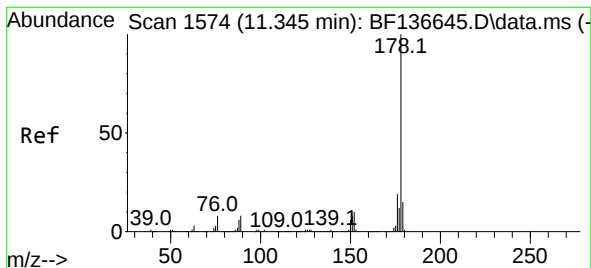
Ion Ratio Lower Upper

266 100

268 67.0 52.6 78.8

264 64.7 49.0 73.4





#71

Phenanthrene

Concen: 40.373 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

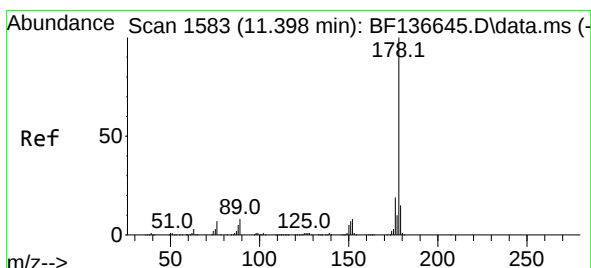
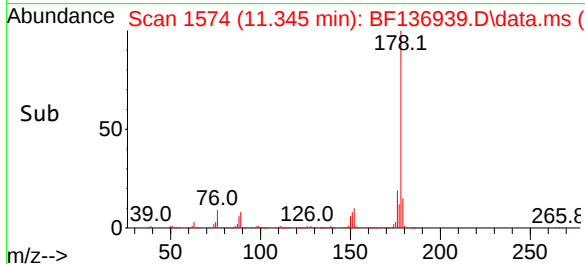
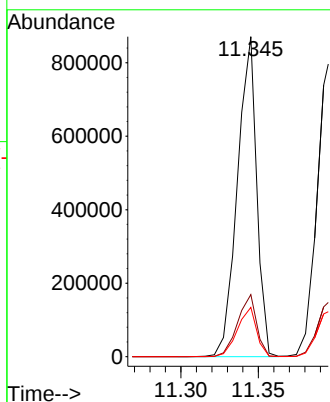
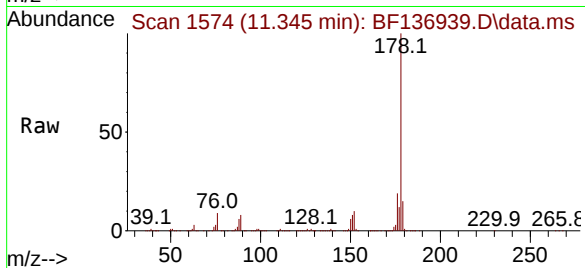
Tgt Ion:178 Resp: 753541

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.4 11.9 17.9



#72

Anthracene

Concen: 40.532 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

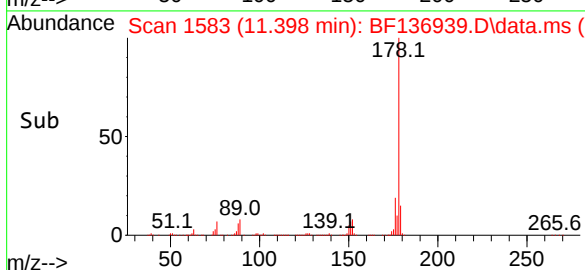
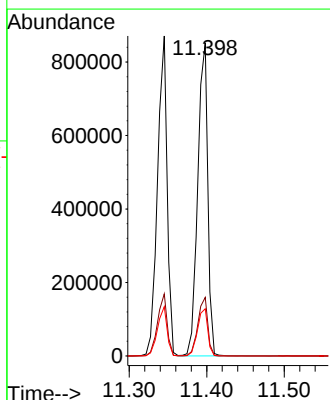
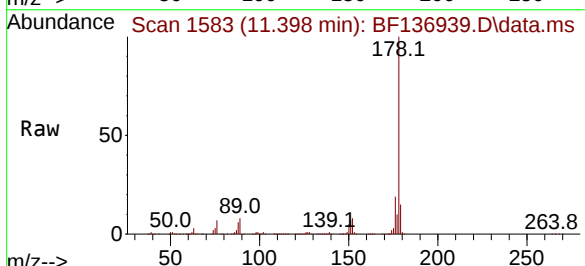
Tgt Ion:178 Resp: 766143

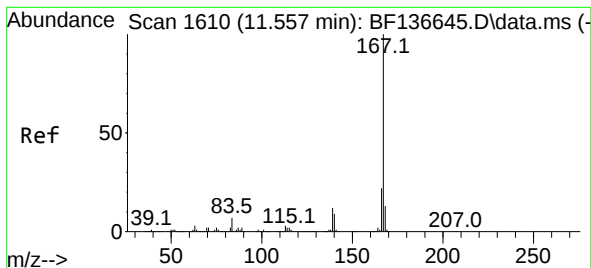
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.1 11.8 17.6





#73

Carbazole

Concen: 39.061 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

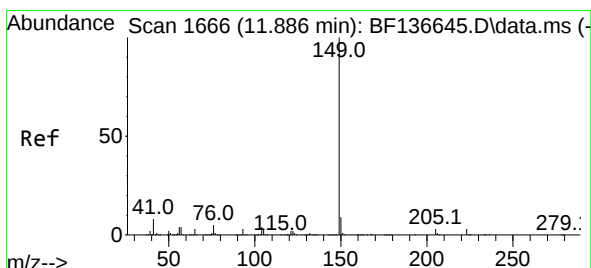
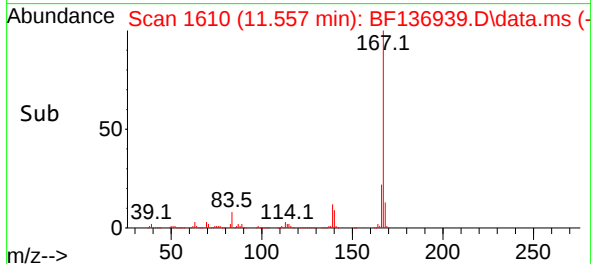
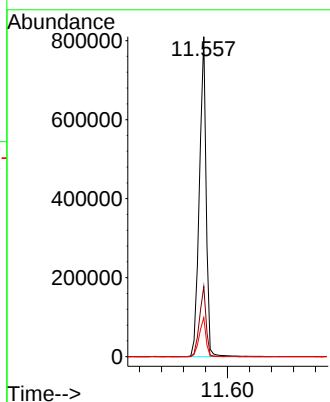
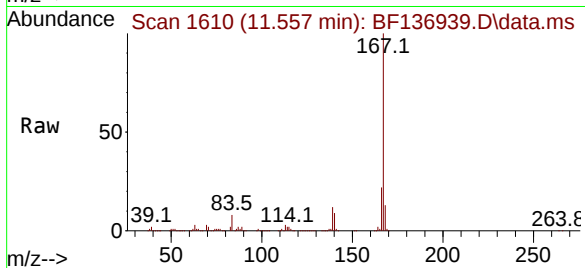
Tgt Ion:167 Resp: 696125

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.482 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

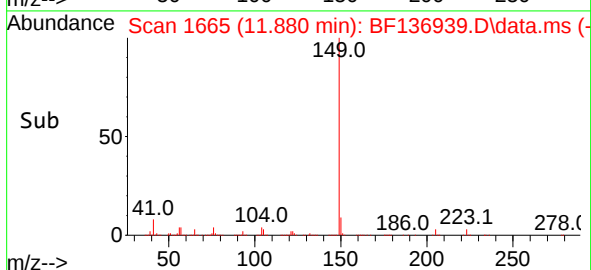
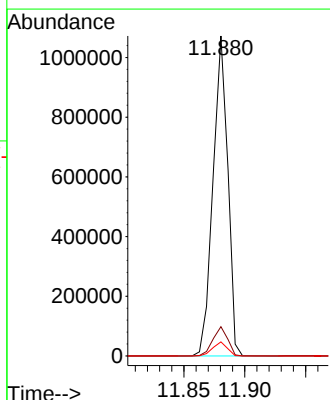
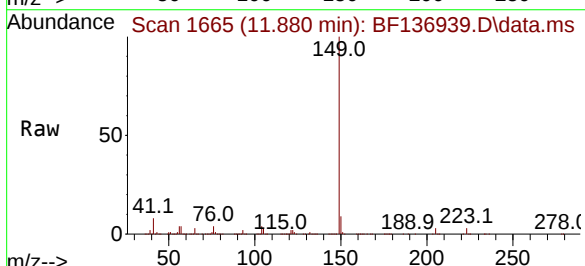
Tgt Ion:149 Resp: 902090

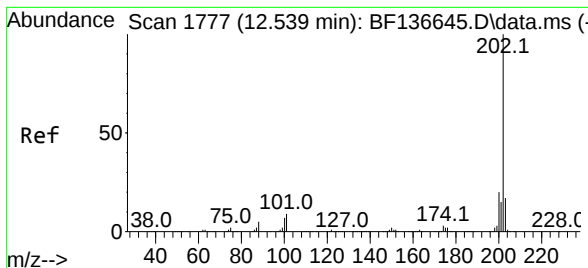
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 39.104 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

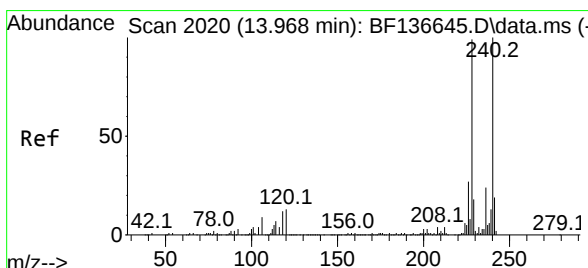
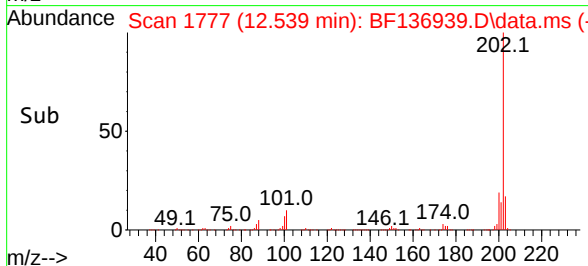
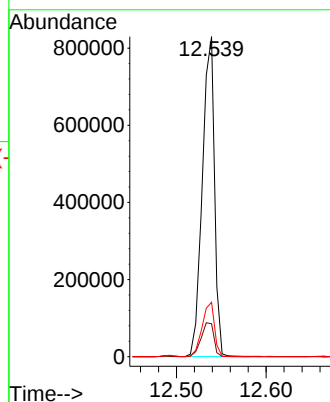
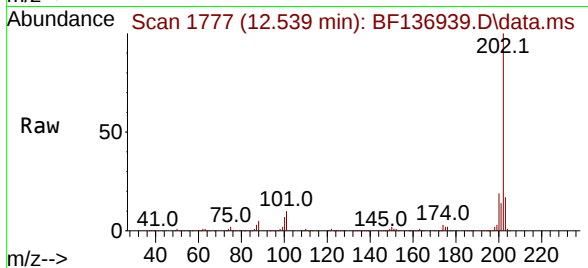
Tgt Ion:202 Resp: 780697

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

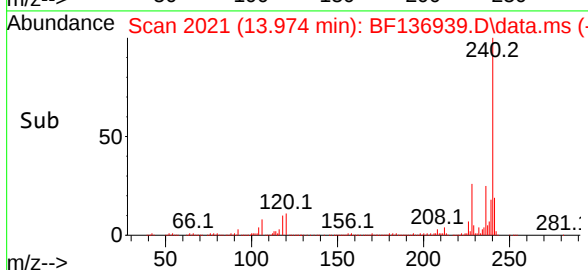
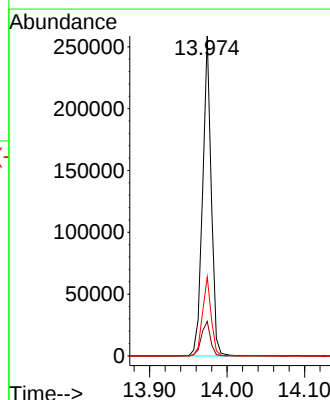
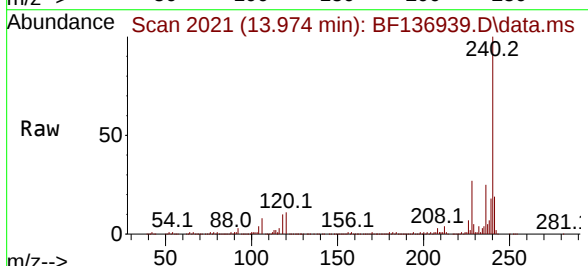
Tgt Ion:240 Resp: 200039

Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

236 24.7 19.4 29.2





#77

Benzidine

Concen: 30.510 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

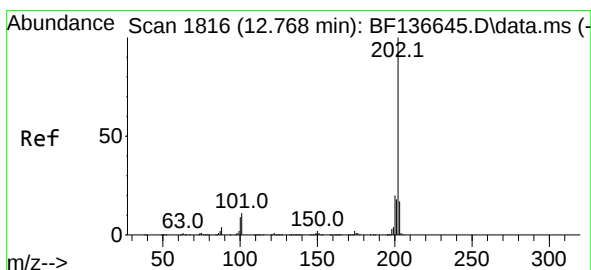
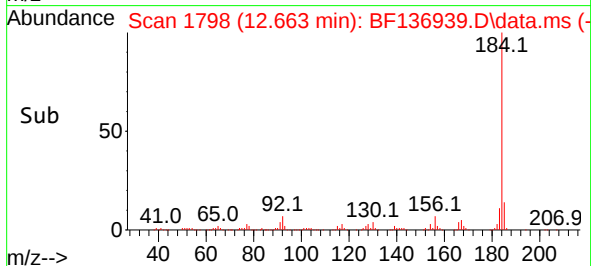
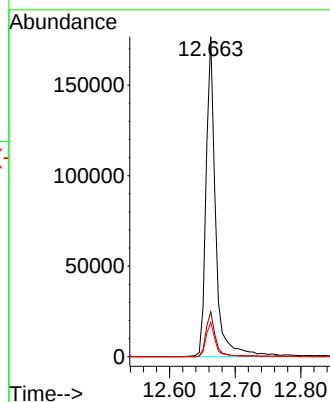
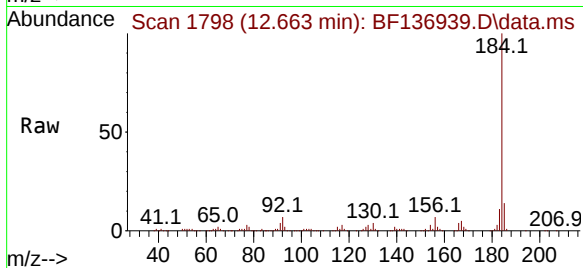
Tgt Ion:184 Resp: 179955

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 10.7 9.3 13.9



#78

Pyrene

Concen: 39.892 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

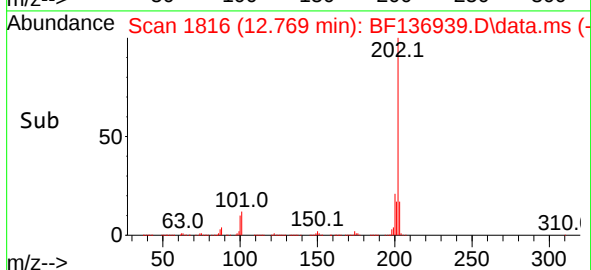
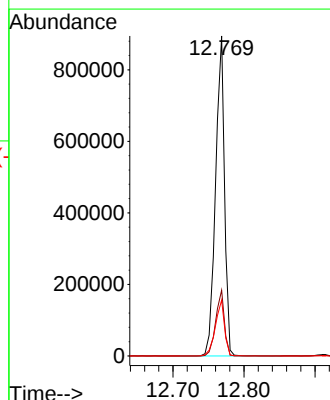
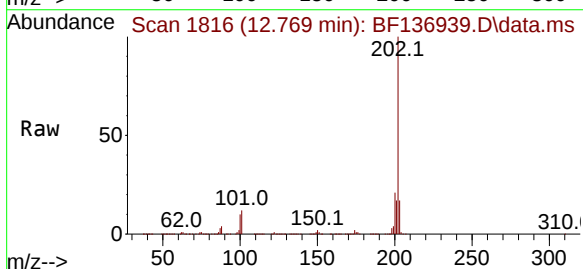
Tgt Ion:202 Resp: 783362

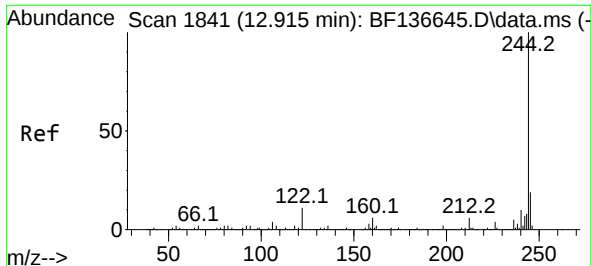
Ion Ratio Lower Upper

202 100

200 20.6 15.9 23.9

203 17.4 13.8 20.6



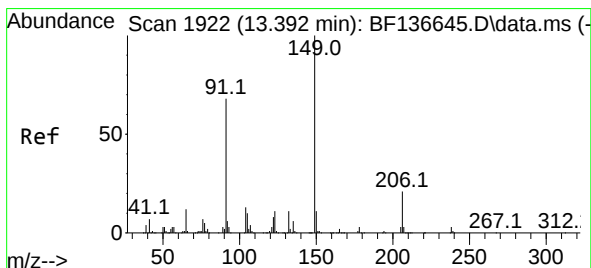
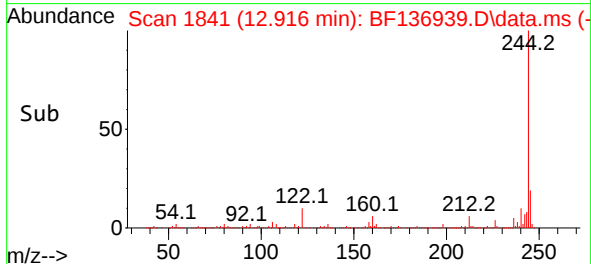
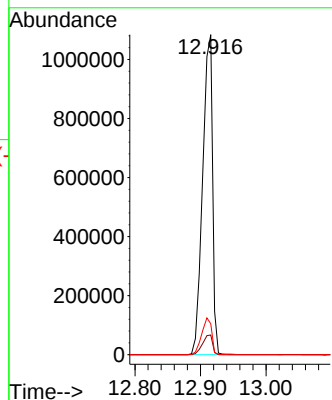
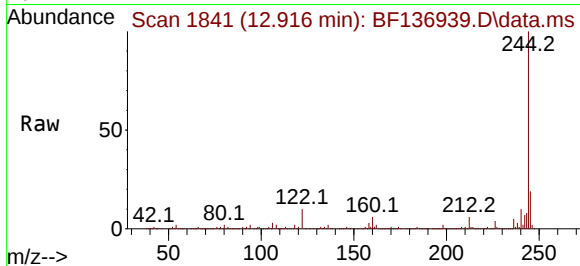


#79
 Terphenyl-d14
 Concen: 79.799 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136939.D
 Acq: 04 Jan 2024 14:06

Instrument :
 BNA_F
 ClientSampleId :
 PB158038BS

Tgt Ion:244 Resp: 1142279

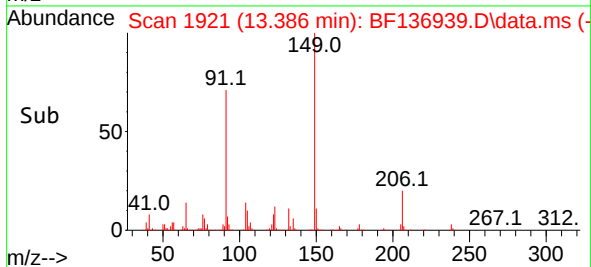
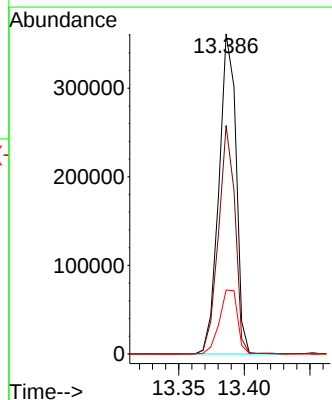
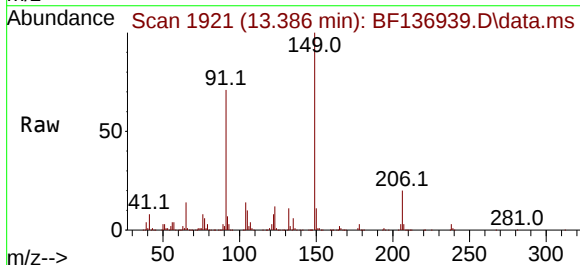
Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	9.6	9.0	13.4

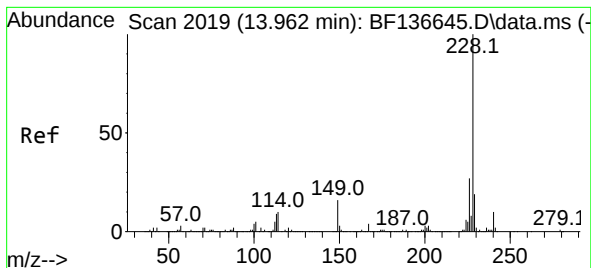


#80
 Butylbenzylphthalate
 Concen: 45.845 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136939.D
 Acq: 04 Jan 2024 14:06

Tgt Ion:149 Resp: 327584

Ion	Ratio	Lower	Upper
149	100		
91	71.4	54.1	81.1
206	20.0	17.1	25.7





#81

Benzo(a)anthracene

Concen: 40.775 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

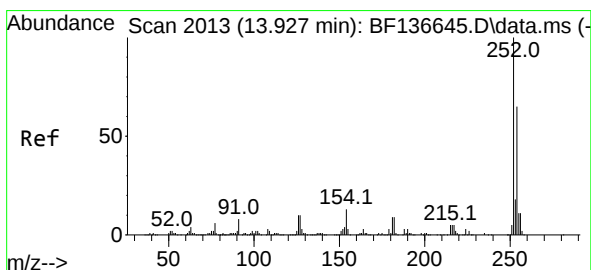
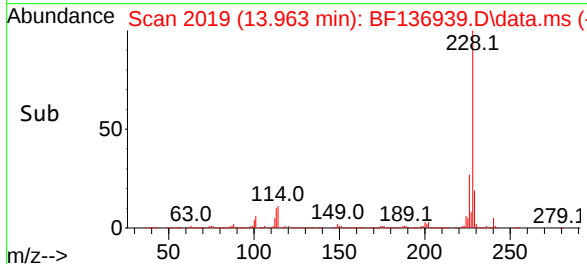
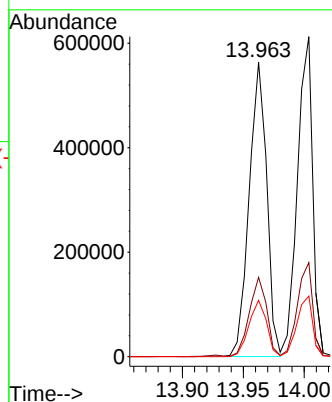
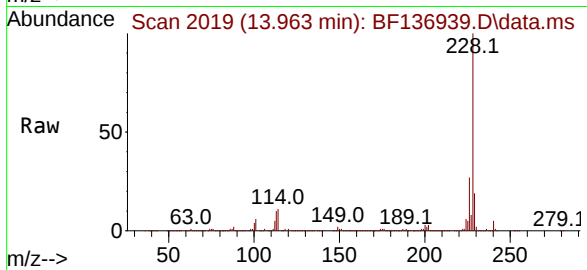
Tgt Ion:228 Resp: 566382

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 19.1 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 39.381 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

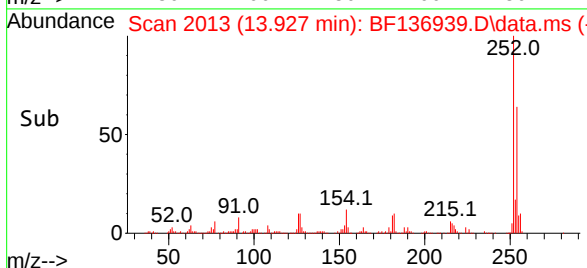
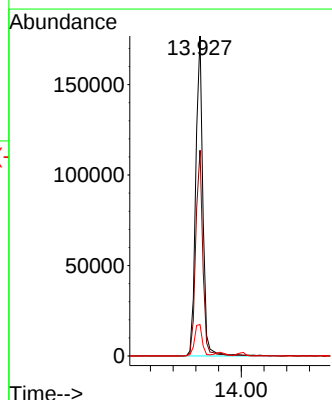
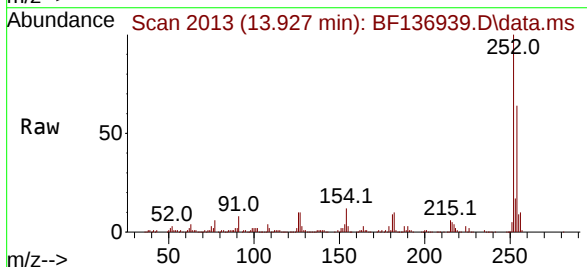
Tgt Ion:252 Resp: 155349

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

126 9.8 8.0 12.0





#83

Chrysene

Concen: 39.371 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

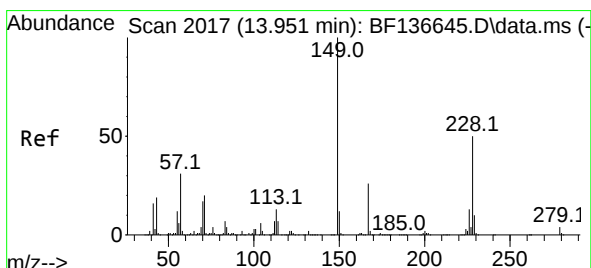
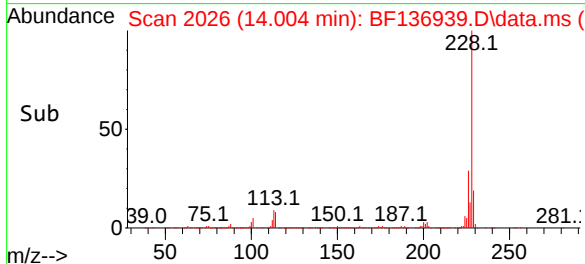
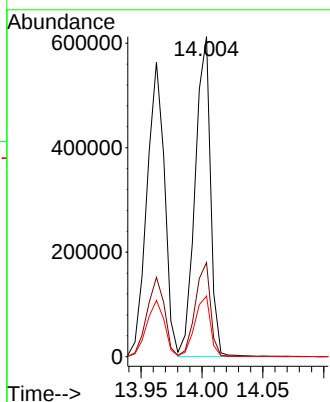
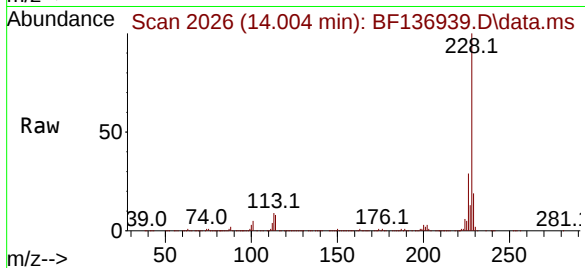
Tgt Ion:228 Resp: 534792

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 18.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.730 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

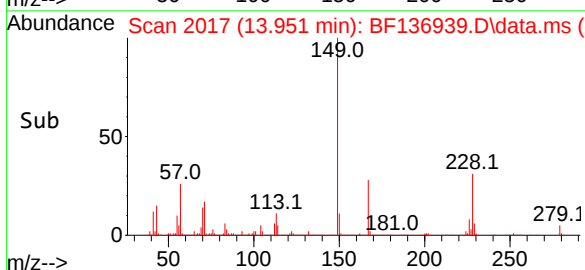
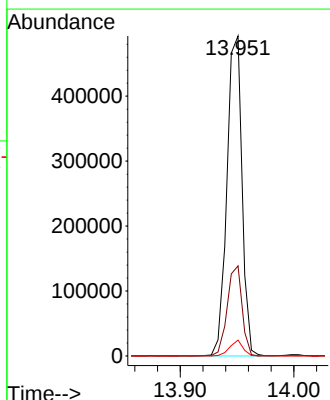
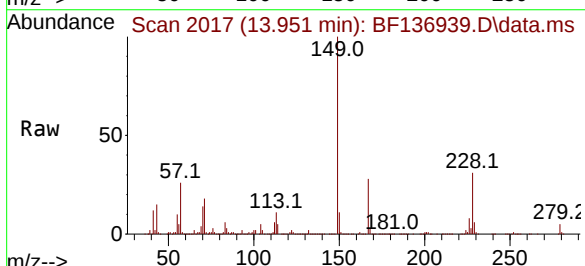
Tgt Ion:149 Resp: 456079

Ion Ratio Lower Upper

149 100

167 28.2 20.9 31.3

279 5.0 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 47.921 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

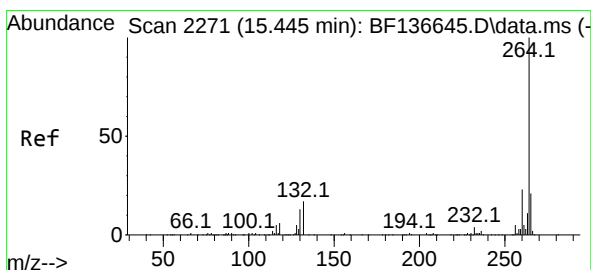
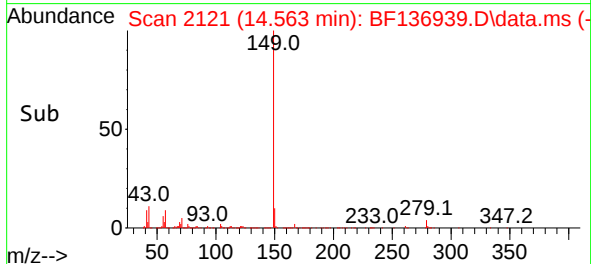
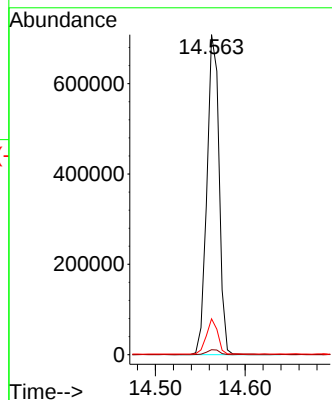
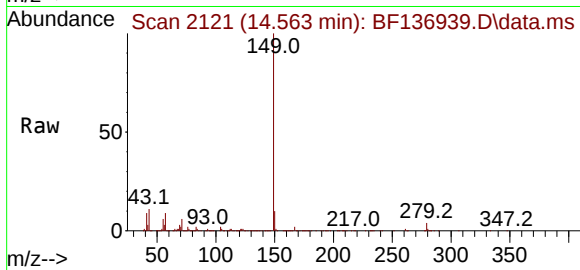
Tgt Ion:149 Resp: 666423

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

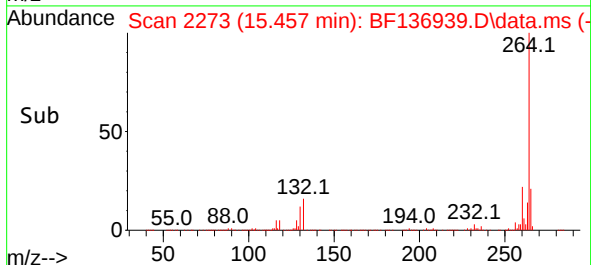
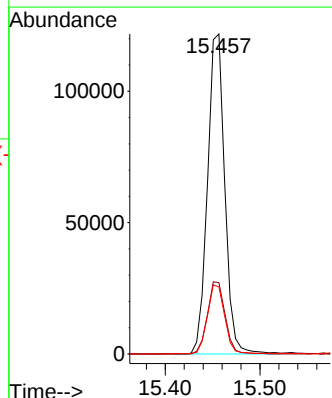
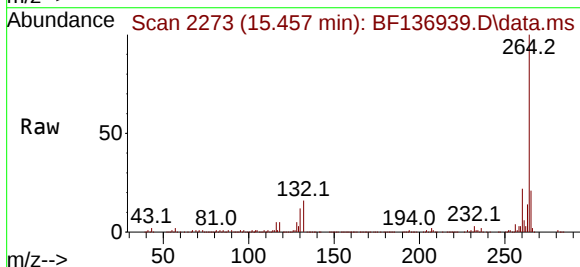
Tgt Ion:264 Resp: 154085

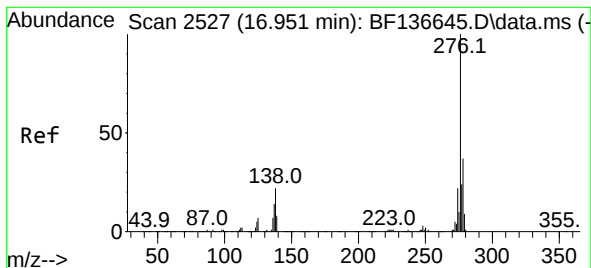
Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.530 ng

RT: 16.980 min Scan# 2199

Delta R.T. 0.030 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

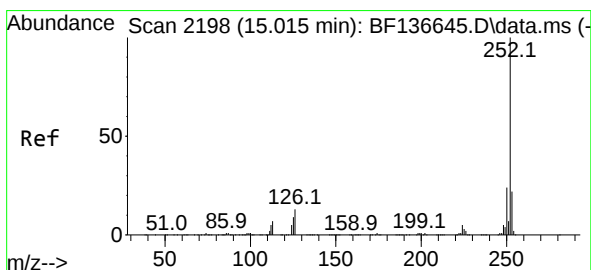
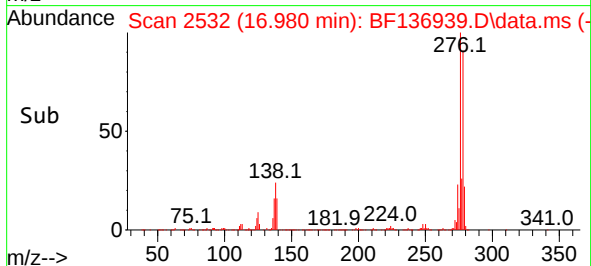
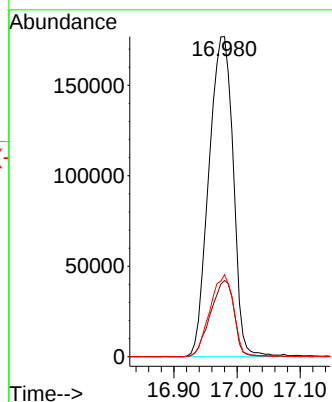
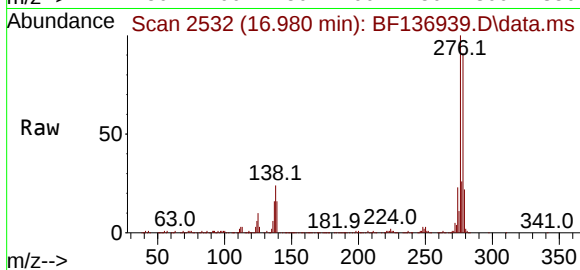
Tgt Ion:276 Resp: 473154

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.478 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

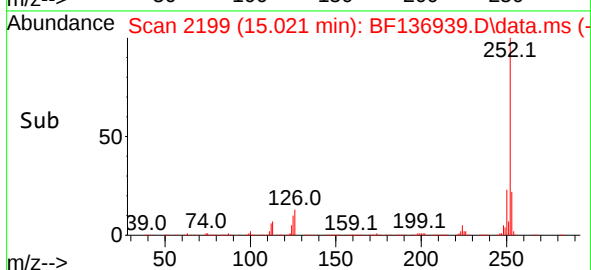
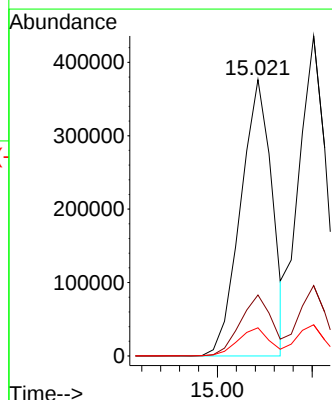
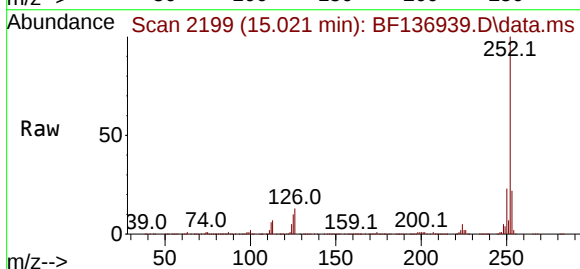
Tgt Ion:252 Resp: 437158

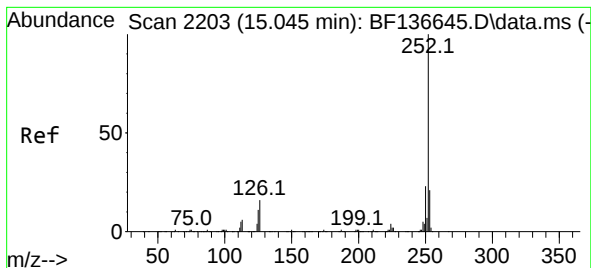
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.723 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

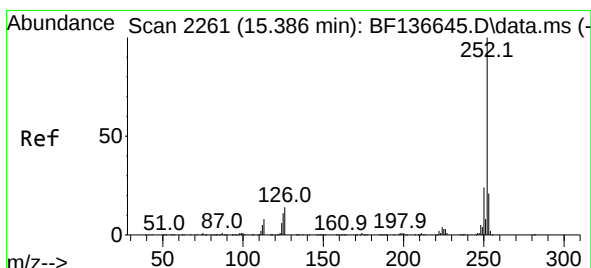
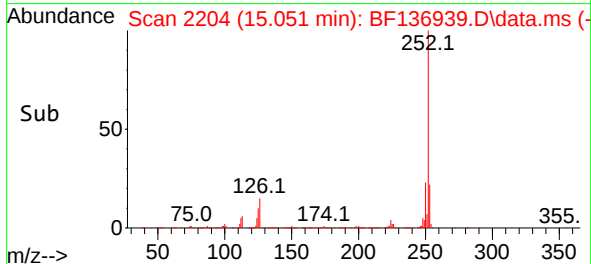
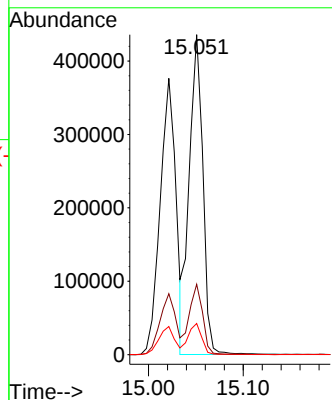
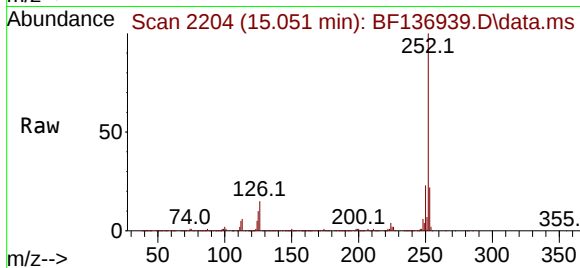
Tgt Ion:252 Resp: 434909

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.7 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.535 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

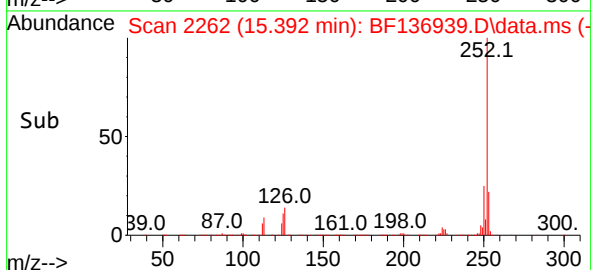
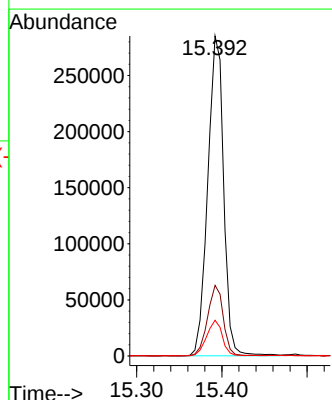
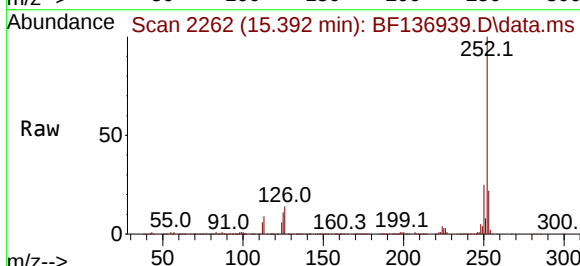
Tgt Ion:252 Resp: 369505

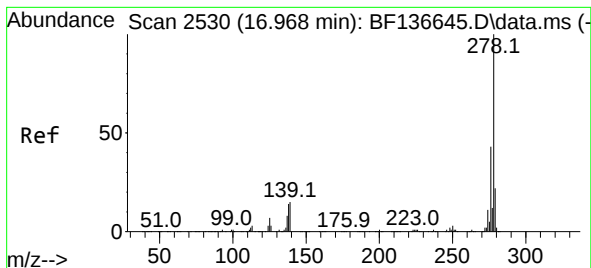
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.659 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB158038BS

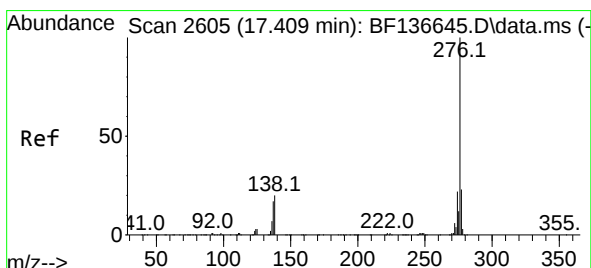
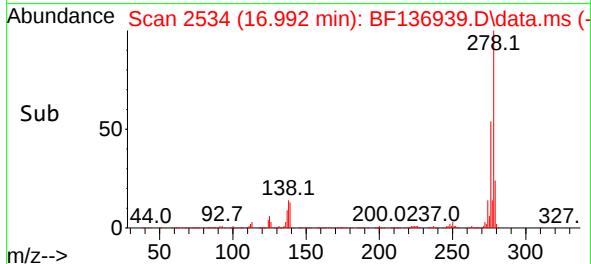
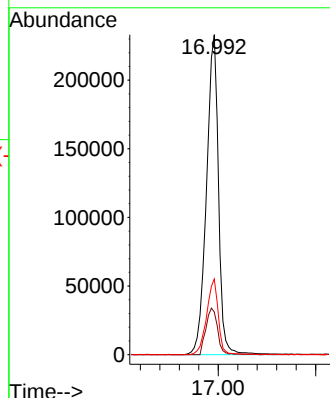
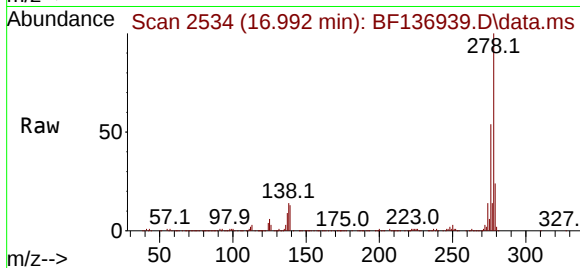
Tgt Ion:278 Resp: 398479

Ion Ratio Lower Upper

278 100

139 13.4 12.2 18.4

279 23.7 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 41.893 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.024 min

Lab File: BF136939.D

Acq: 04 Jan 2024 14:06

Tgt Ion:276 Resp: 391618

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 19.3 15.6 23.4

