

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137036.D
 Acq On : 11 Jan 2024 13:44
 Operator : CG\JU
 Sample : PB158353BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158353BS

Quant Time: Jan 11 14:06:33 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	95388	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	397956	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	200720	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	372470	20.000	ng	0.00
76) Chrysene-d12	13.980	240	192176	20.000	ng	0.01
86) Perylene-d12	15.468	264	157464	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	736446	120.462	ng	0.02
7) Phenol-d6	6.451	99	919440	116.067	ng	0.01
23) Nitrobenzene-d5	7.357	82	565236	72.681	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	259310	109.695	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1095139	73.383	ng	0.00
79) Terphenyl-d14	12.916	244	1068502	77.699	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	69396	27.244	ng	98
3) Pyridine	3.428	79	166996	26.870	ng	95
4) n-Nitrosodimethylamine	3.387	42	123351	37.166	ng	97
6) Aniline	6.457	93	179017	22.603	ng	# 31
8) 2-Chlorophenol	6.581	128	292611	43.737	ng	97
9) Benzaldehyde	6.345	77	45914	10.190	ng	95
10) Phenol	6.463	94	336828	39.831	ng	92
11) bis(2-Chloroethyl)ether	6.534	93	265226	41.242	ng	96
12) 1,3-Dichlorobenzene	6.728	146	278071	38.101	ng	98
13) 1,4-Dichlorobenzene	6.804	146	284523	38.154	ng	98
14) 1,2-Dichlorobenzene	6.957	146	275766	39.741	ng	98
15) Benzyl Alcohol	6.945	79	227971	42.657	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	410989	39.089	ng	# 49
17) 2-Methylphenol	7.057	107	225061	40.607	ng	# 92
18) Hexachloroethane	7.292	117	100450	37.090	ng	# 87
19) n-Nitroso-di-n-propyla...	7.210	70	195822	40.779	ng	96
20) 3+4-Methylphenols	7.210	107	286065	41.314	ng	# 70
22) Acetophenone	7.198	105	394296	39.529	ng	# 89
24) Nitrobenzene	7.375	77	291790	37.455	ng	99
25) Isophorone	7.616	82	544168	38.454	ng	99
26) 2-Nitrophenol	7.686	139	155340	41.676	ng	96
27) 2,4-Dimethylphenol	7.734	122	228814	50.424	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	332956	38.708	ng	99
29) 2,4-Dichlorophenol	7.939	162	228709	39.149	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	246825	37.920	ng	99
31) Naphthalene	8.092	128	833670	38.132	ng	99
32) Benzoic acid	7.898	122	165428	37.678	ng	99
33) 4-Chloroaniline	8.139	127	175423	21.732	ng	99
34) Hexachlorobutadiene	8.198	225	144933	36.648	ng	97
35) Caprolactam	8.539	113	52387	27.182	ng	93
36) 4-Chloro-3-methylphenol	8.645	107	245819	37.377	ng	100
37) 2-Methylnaphthalene	8.781	142	527804	37.512	ng	100
38) 1-Methylnaphthalene	8.881	142	496195	35.946	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	255333	41.075	ng	99
41) Hexachlorocyclopentadiene	8.928	237	125620	64.398	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	158694	39.807	ng	96

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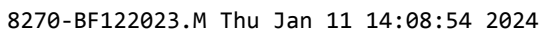
Instrument :
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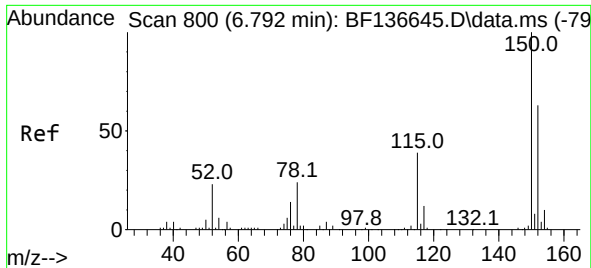
Quant Time: Jan 11 14:06:33 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	166321	37.439	ng	97
46) 1,1'-Biphenyl	9.251	154	659317	39.144	ng	99
47) 2-Chloronaphthalene	9.275	162	498868	38.960	ng	100
48) 2-Nitroaniline	9.380	65	152601	38.057	ng	93
49) Acenaphthylene	9.692	152	782455	39.979	ng	99
50) Dimethylphthalate	9.557	163	569662	38.855	ng	99
51) 2,6-Dinitrotoluene	9.628	165	123549	37.131	ng	98
52) Acenaphthene	9.863	154	462573	38.128	ng	98
53) 3-Nitroaniline	9.798	138	112786	31.999	ng	90
54) 2,4-Dinitrophenol	9.916	184	122811	67.223	ng	94
55) Dibenzofuran	10.033	168	684496	37.220	ng	99
56) 4-Nitrophenol	9.986	139	148501	62.411	ng	95
57) 2,4-Dinitrotoluene	10.033	165	152202	35.236	ng	# 83
58) Fluorene	10.380	166	557733	38.221	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	138245	40.426	ng	97
60) Diethylphthalate	10.257	149	568649	37.382	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	268386	37.839	ng	96
62) 4-Nitroaniline	10.422	138	111769	32.894	ng	92
63) Azobenzene	10.533	77	523198	36.825	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	82452	38.626	ng	90
66) n-Nitrosodiphenylamine	10.498	169	491779	40.644	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	161771	39.108	ng	95
68) Hexachlorobenzene	10.933	284	181775	39.432	ng	# 94
69) Atrazine	11.027	200	116882	37.768	ng	98
70) Pentachlorophenol	11.133	266	127463	59.321	ng	96
71) Phenanthrene	11.351	178	778014	40.709	ng	100
72) Anthracene	11.404	178	776806	40.135	ng	100
73) Carbazole	11.563	167	706527	38.718	ng	100
74) Di-n-butylphthalate	11.886	149	892299	40.072	ng	99
75) Fluoranthene	12.545	202	774500	37.886	ng	99
77) Benzidine	12.669	184	21064	3.717	ng	# 95
78) Pyrene	12.774	202	774931	41.077	ng	99
80) Butylbenzylphthalate	13.392	149	295378	43.030	ng	96
81) Benzo(a)anthracene	13.968	228	556691	41.717	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	155634	41.067	ng	98
83) Chrysene	14.010	228	508876	38.996	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	391557	45.336	ng	# 98
85) Di-n-octyl phthalate	14.568	149	587089	43.944	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	564148	49.621	ng	100
88) Benzo(b)fluoranthene	15.033	252	467956	44.495	ng	99
89) Benzo(k)fluoranthene	15.062	252	462783	46.568	ng	100
90) Benzo(a)pyrene	15.410	252	412787	46.498	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	478298	51.280	ng	98
92) Benzo(g,h,i)perylene	17.468	276	477610	49.996	ng	99

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

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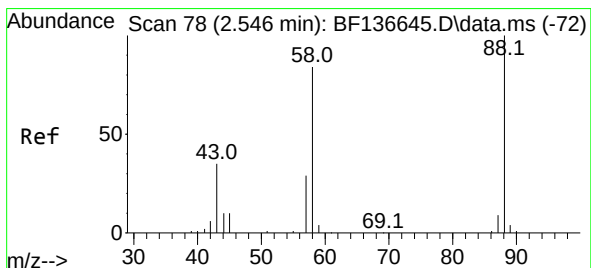
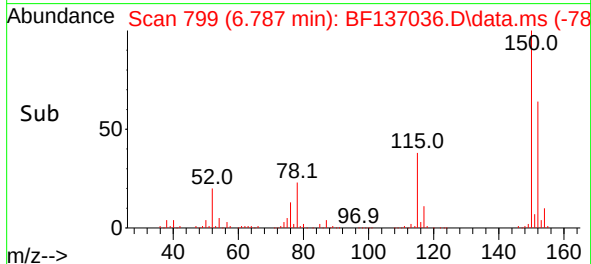
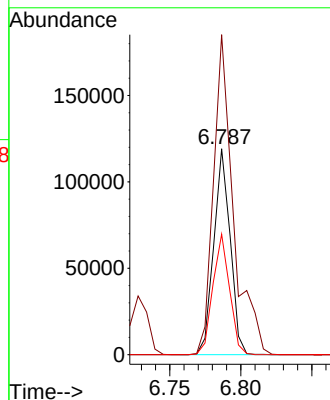
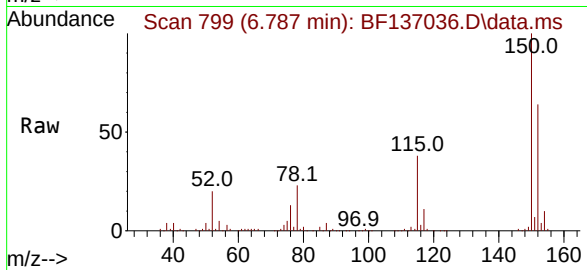




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137036.D
 Acq: 11 Jan 2024 13:44

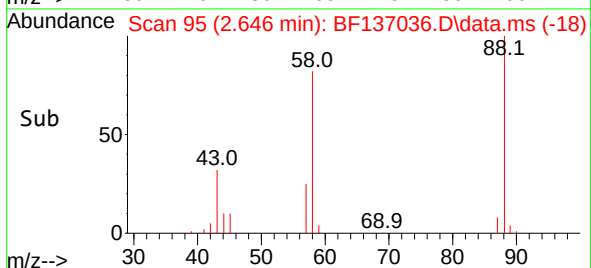
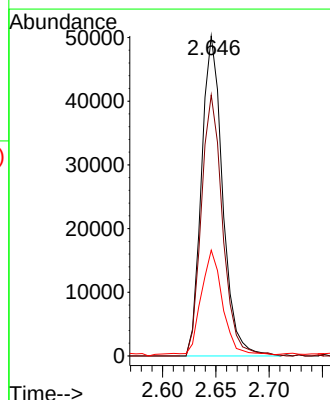
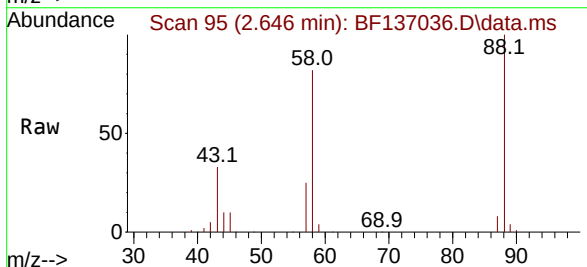
Instrument :
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 PB158353BS

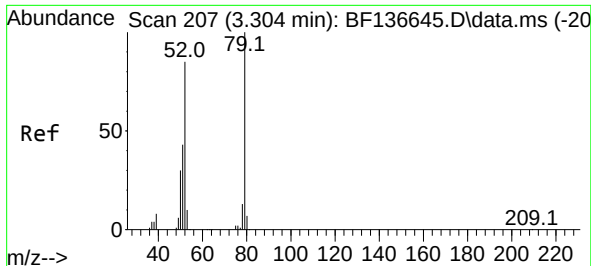
Tgt Ion:152 Resp: 95388
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.0 190.6
 115 58.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 27.244 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF137036.D
 Acq: 11 Jan 2024 13:44

Tgt Ion: 88 Resp: 69396
 Ion Ratio Lower Upper
 88 100
 58 82.1 67.4 101.0
 43 35.0 27.7 41.5





#3

Pyridine

Concen: 26.870 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

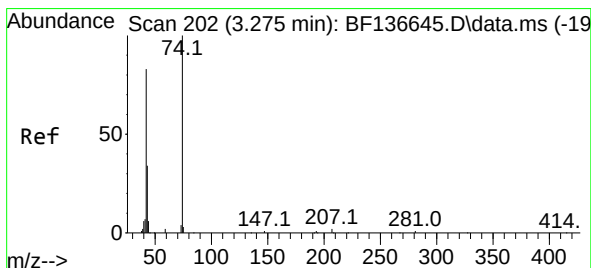
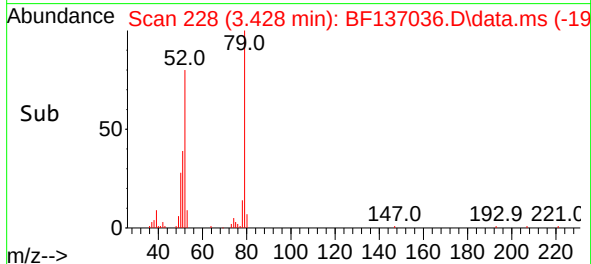
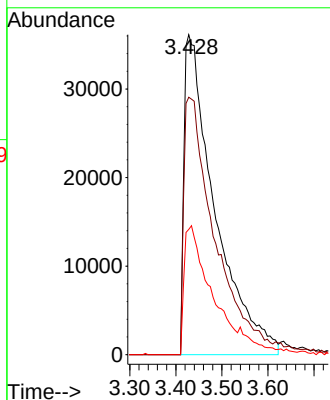
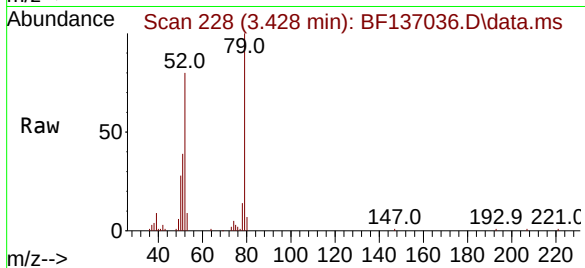
Tgt Ion: 79 Resp: 166996

Ion Ratio Lower Upper

79 100

52 80.5 67.7 101.5

51 39.2 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 37.166 ng

RT: 3.387 min Scan# 221

Delta R.T. 0.112 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

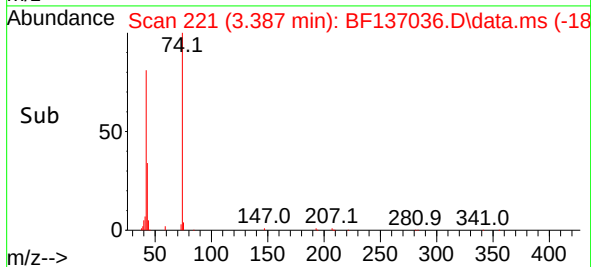
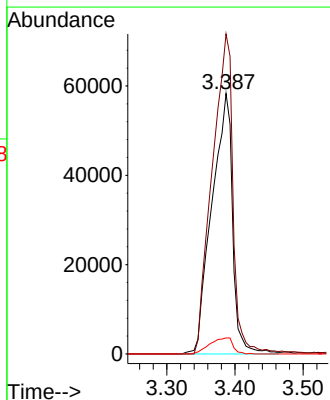
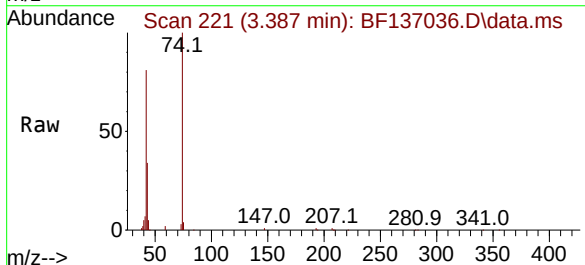
Tgt Ion: 42 Resp: 123351

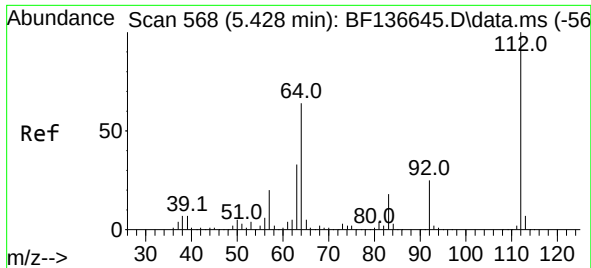
Ion Ratio Lower Upper

42 100

74 122.9 96.0 144.0

44 6.2 5.4 8.2

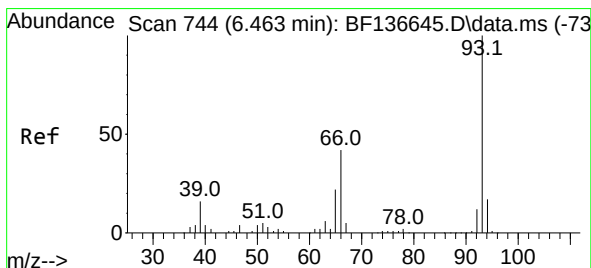
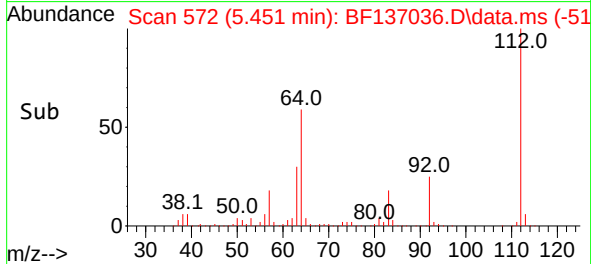
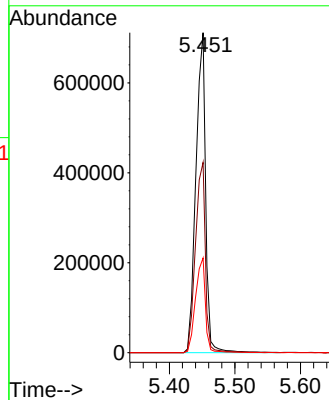
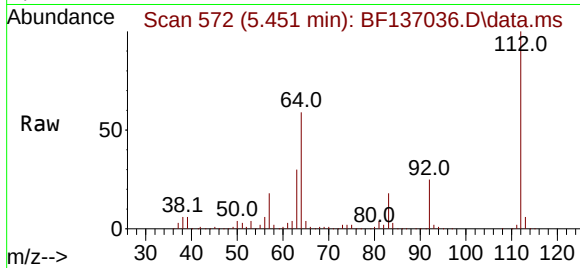




#5
2-Fluorophenol
Concen: 120.462 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

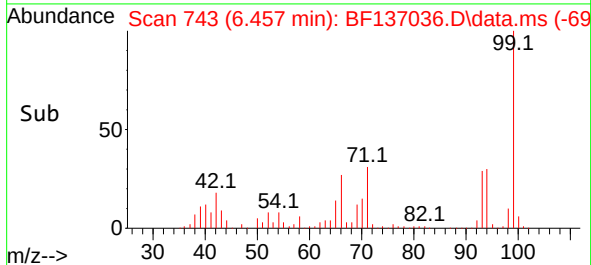
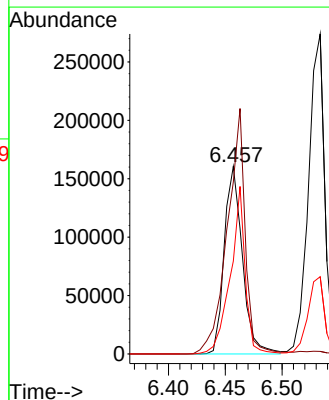
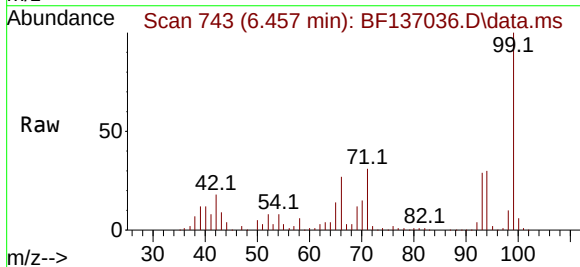
Instrument :
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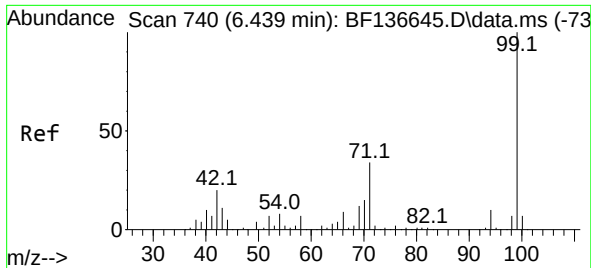
Tgt Ion:112 Resp: 736446
Ion Ratio Lower Upper
112 100
64 59.4 51.1 76.7
63 29.6 26.1 39.1



#6
Aniline
Concen: 22.603 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion: 93 Resp: 179017
Ion Ratio Lower Upper
93 100
66 91.8 34.6 51.8#
65 49.5 17.8 26.8#





#7

Phenol-d6

Concen: 116.067 ng

RT: 6.451 min Scan# 740

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

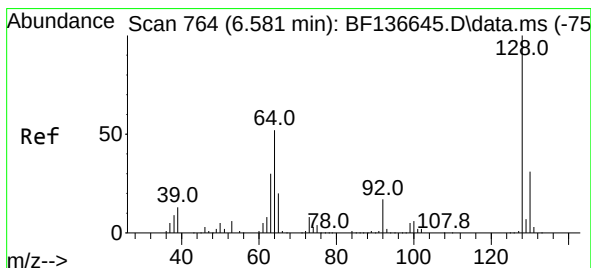
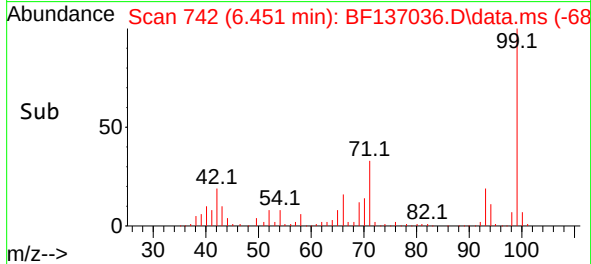
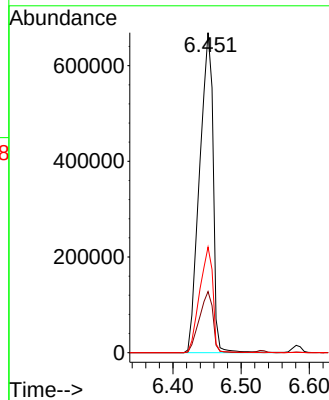
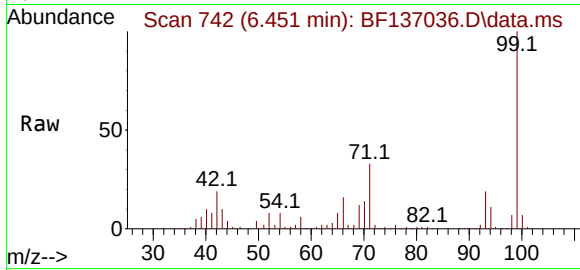
Tgt Ion: 99 Resp: 919440

Ion Ratio Lower Upper

99 100

42 19.1 16.1 24.1

71 33.0 27.4 41.2



#8

2-Chlorophenol

Concen: 43.737 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

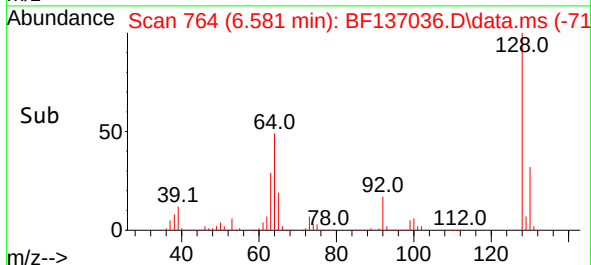
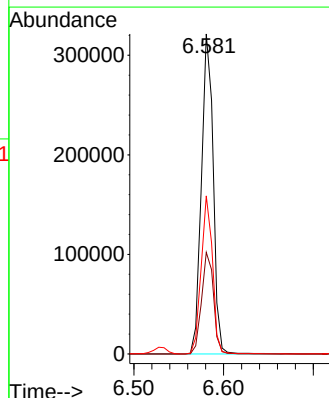
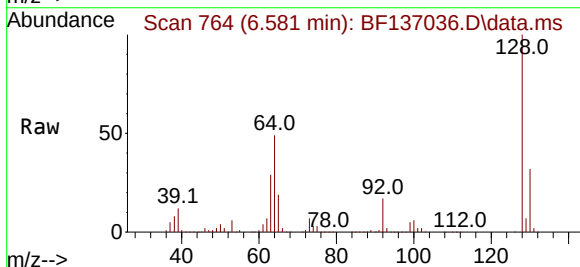
Tgt Ion:128 Resp: 292611

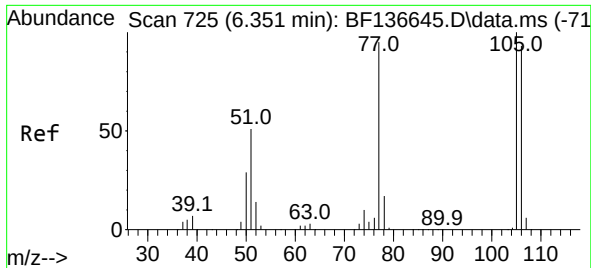
Ion Ratio Lower Upper

128 100

130 31.8 11.3 51.3

64 49.4 32.5 72.5





#9

Benzaldehyde

Concen: 10.190 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

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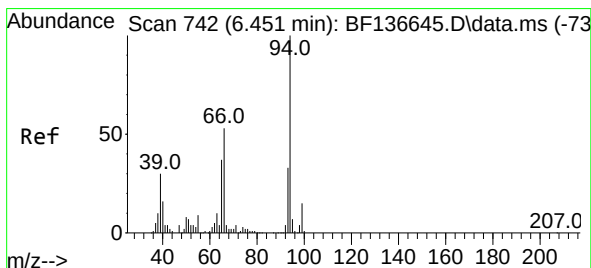
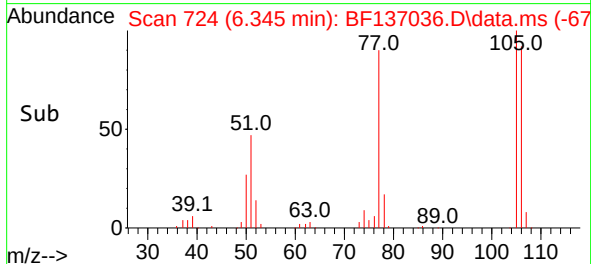
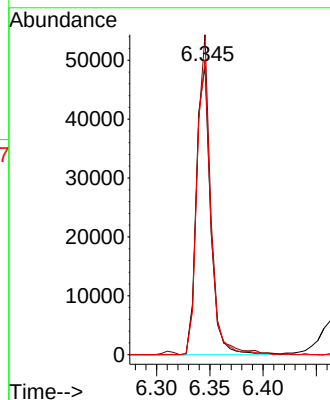
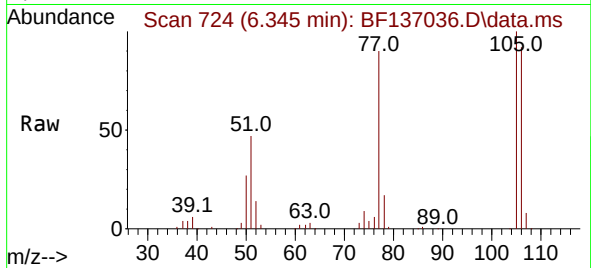
Tgt Ion: 77 Resp: 45914

Ion Ratio Lower Upper

77 100

105 110.9 84.8 124.8

106 102.1 77.8 117.8



#10

Phenol

Concen: 39.831 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

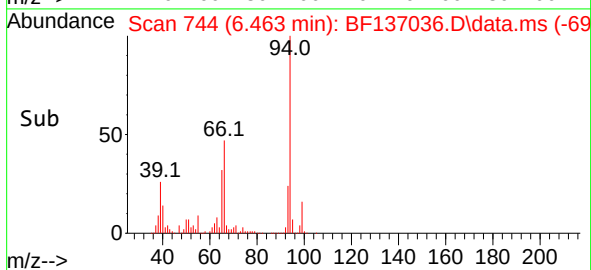
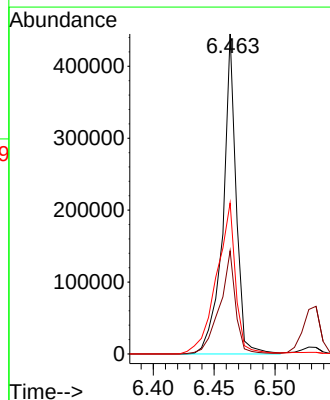
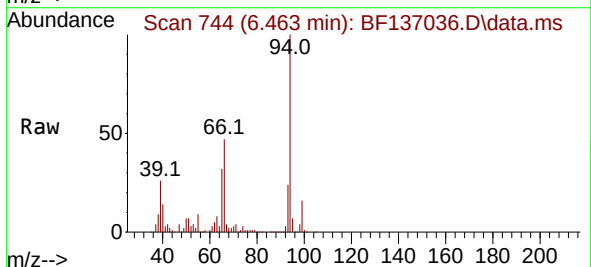
Tgt Ion: 94 Resp: 336828

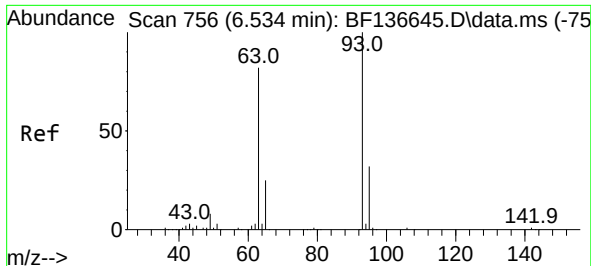
Ion Ratio Lower Upper

94 100

65 32.2 16.6 56.6

66 47.2 32.6 72.6

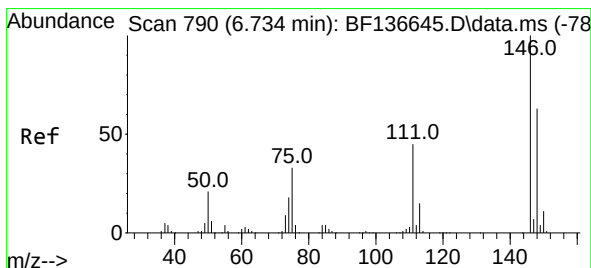
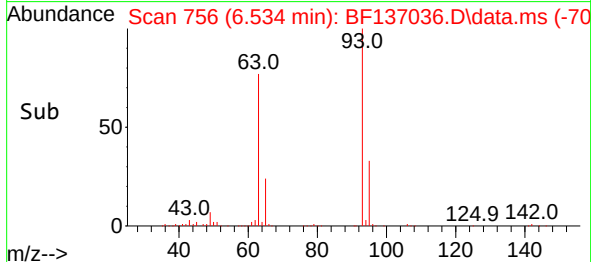
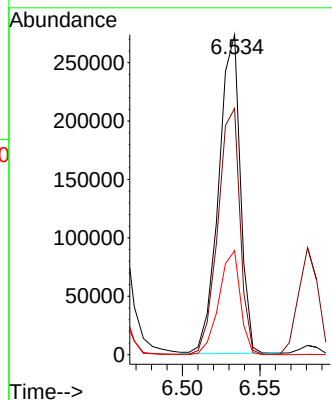
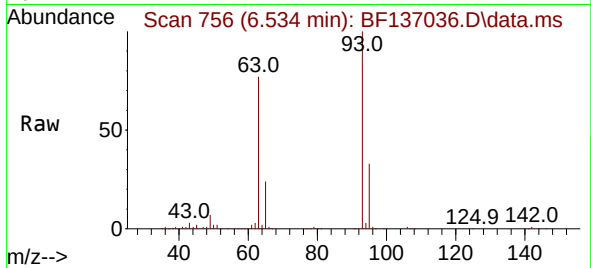




#11
bis(2-Chloroethyl)ether
Concen: 41.242 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

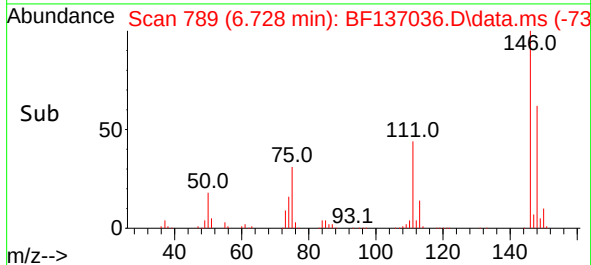
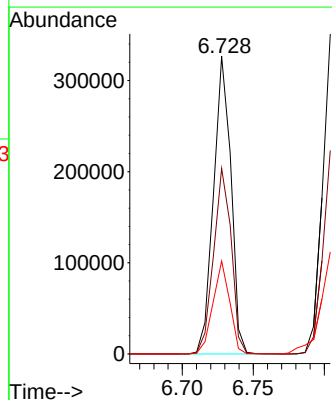
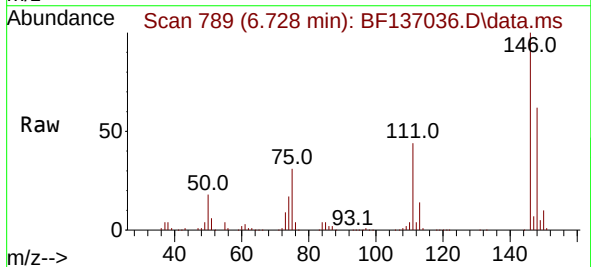
Instrument :
BNA_F
ClientSampleId :
PB158353BS

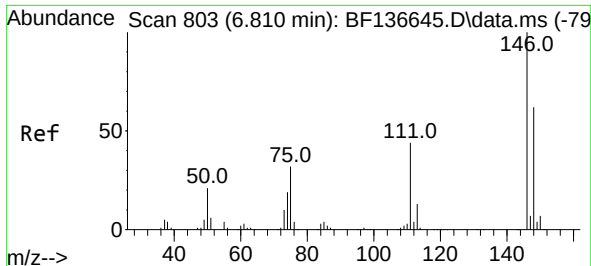
Tgt Ion: 93 Resp: 265226
Ion Ratio Lower Upper
93 100
63 77.0 61.2 101.2
95 32.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.101 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:146 Resp: 278071
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 31.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.154 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

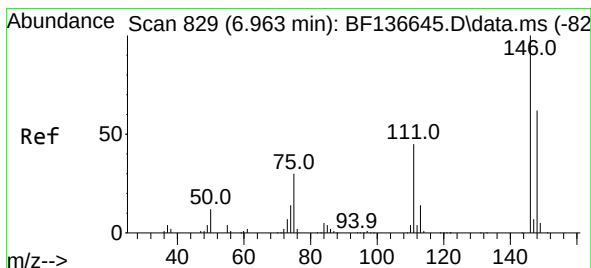
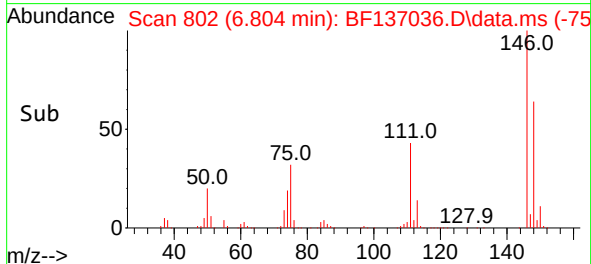
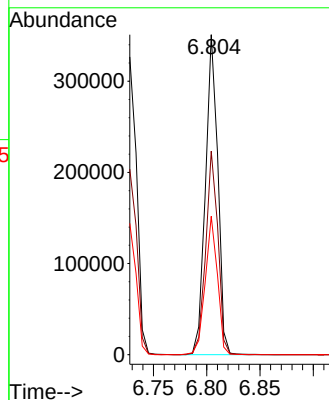
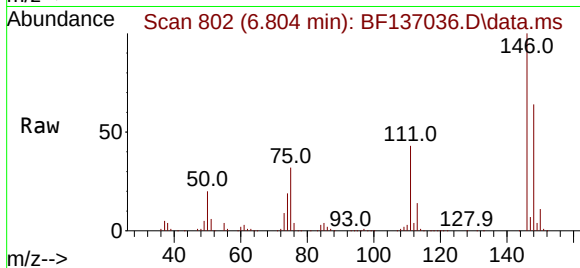
Tgt Ion:146 Resp: 284523

Ion Ratio Lower Upper

146 100

148 63.6 49.2 73.8

111 43.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.741 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

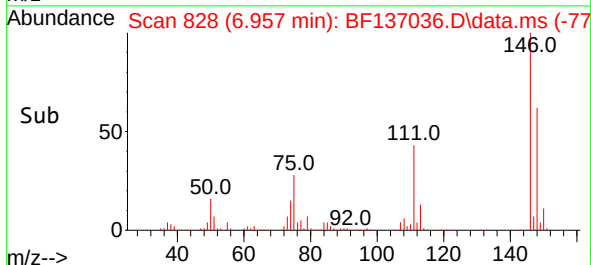
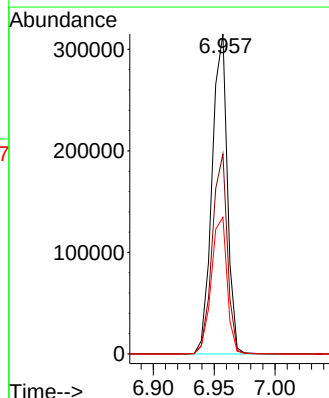
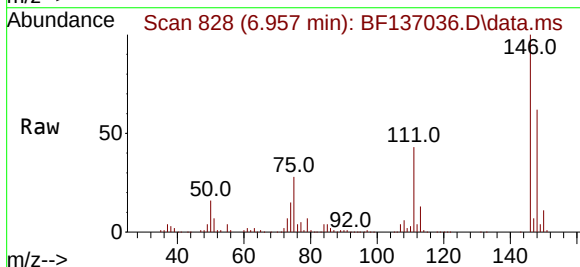
Tgt Ion:146 Resp: 275766

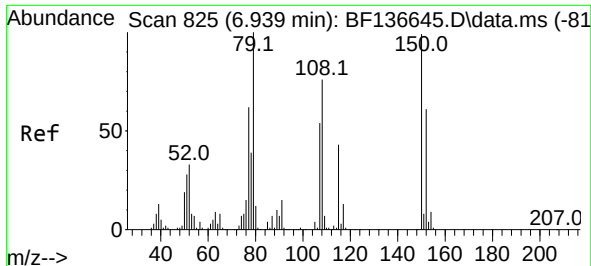
Ion Ratio Lower Upper

146 100

148 62.5 49.6 74.4

111 42.7 36.2 54.2

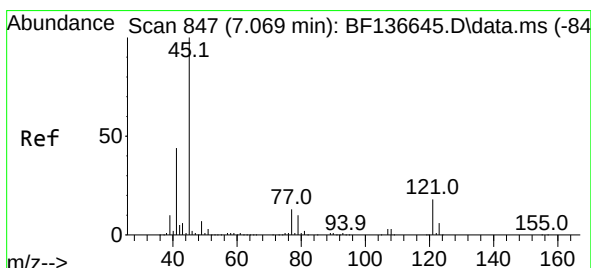
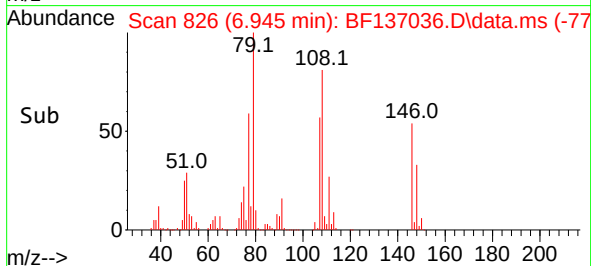
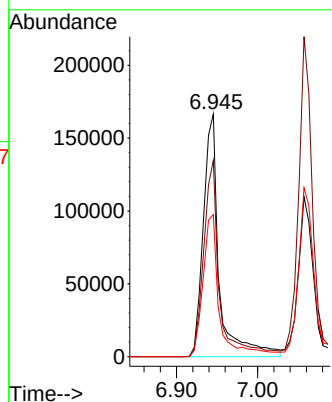
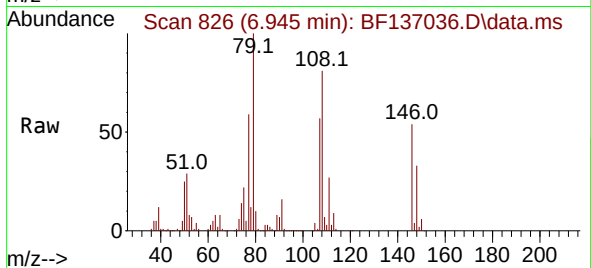




#15
Benzyl Alcohol
Concen: 42.657 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

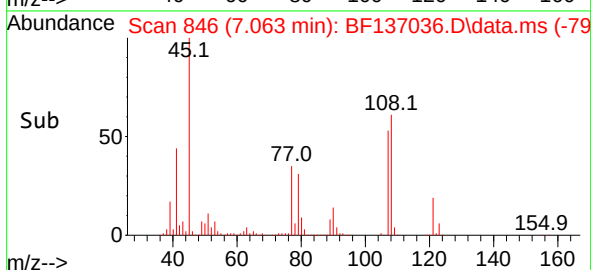
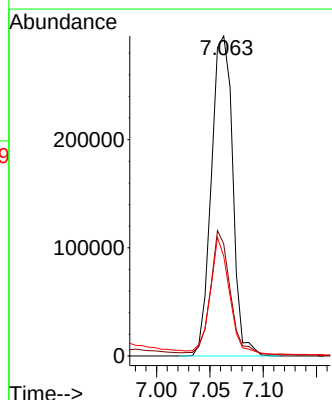
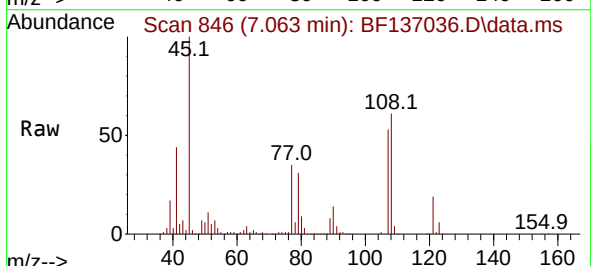
Instrument :
BNA_F
ClientSampleId :
PB158353BS

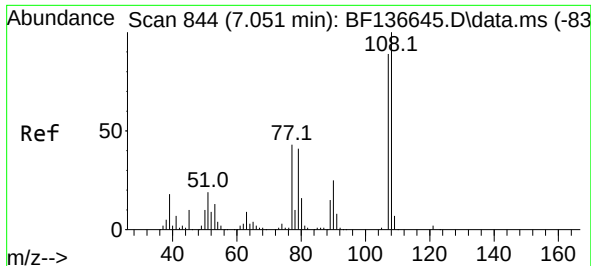
Tgt Ion: 79 Resp: 227971
Ion Ratio Lower Upper
79 100
108 80.9 61.0 91.6
77 58.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.089 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion: 45 Resp: 410989
Ion Ratio Lower Upper
45 100
77 35.0 0.0 34.3#
79 31.2 0.0 31.4

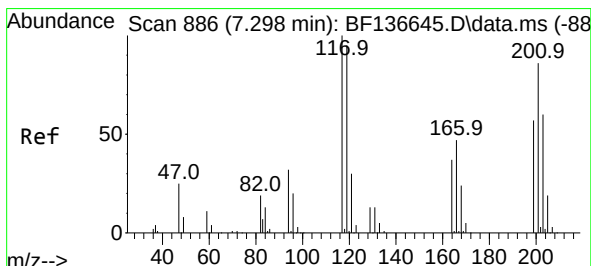
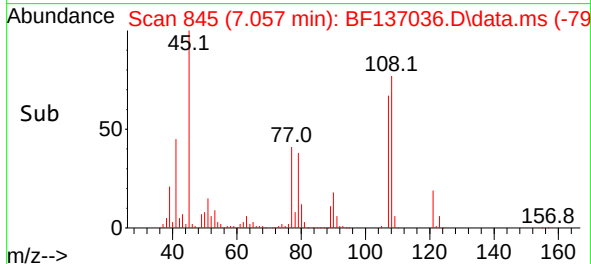
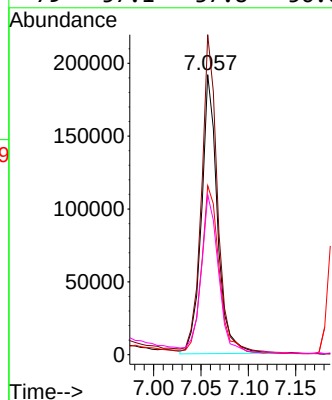
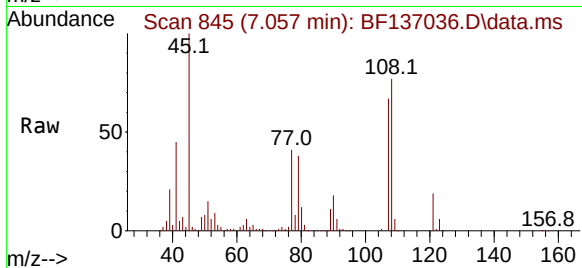




#17
2-Methylphenol
Concen: 40.607 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

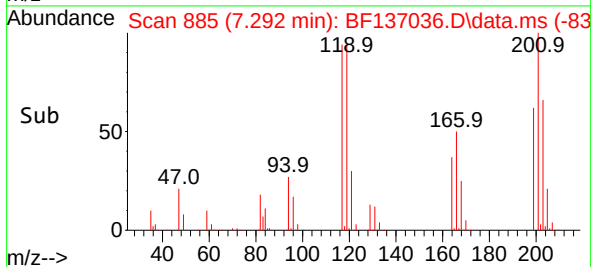
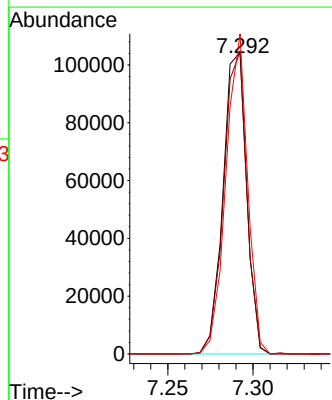
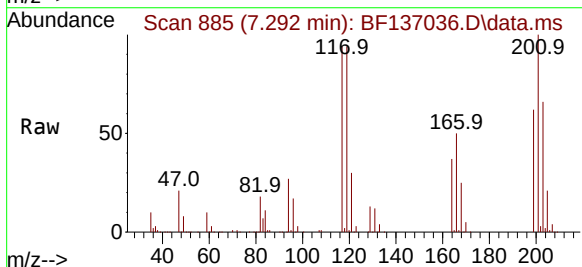
Instrument :
BNA_F
ClientSampleId :
PB158353BS

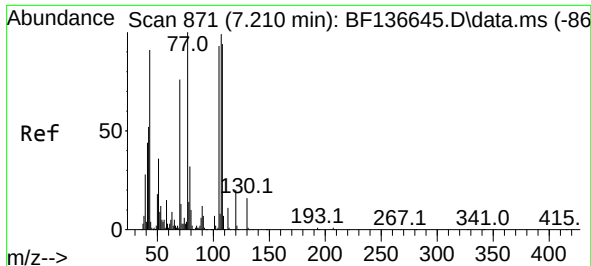
Tgt Ion:107 Resp: 225061
Ion Ratio Lower Upper
107 100
108 114.3 90.3 135.5
77 60.3 38.7 58.1#
79 57.1 37.8 56.6#



#18
Hexachloroethane
Concen: 37.090 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:117 Resp: 100450
Ion Ratio Lower Upper
117 100
119 100.2 75.8 113.6
201 106.1 69.1 103.7#



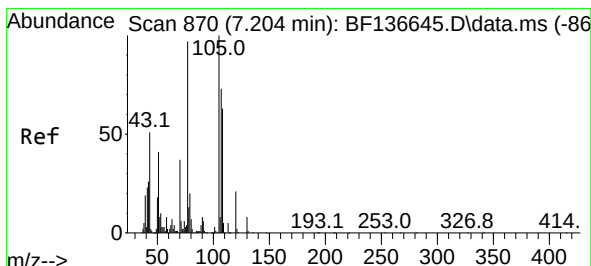
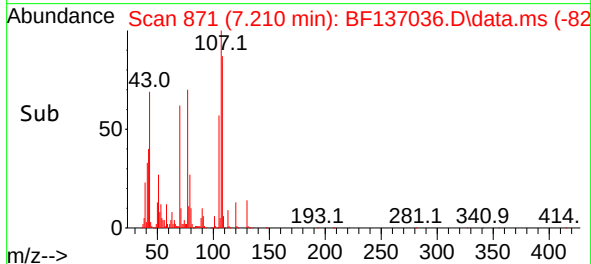
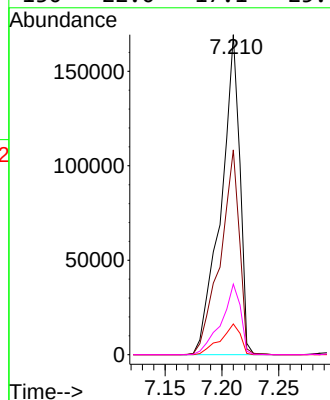
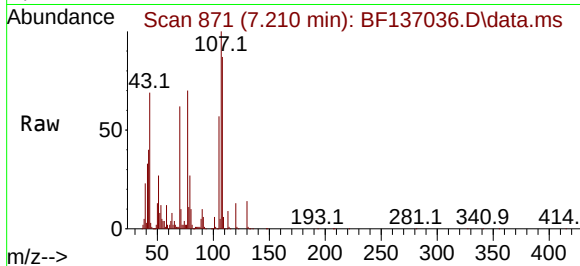


#19
n-Nitroso-di-n-propylamine
Concen: 40.779 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB158353BS

Tgt Ion: 70 Resp: 195822

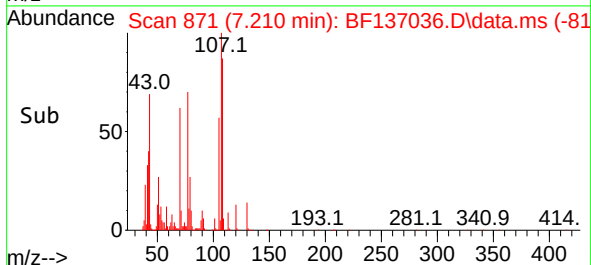
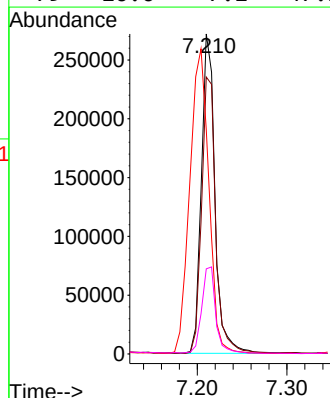
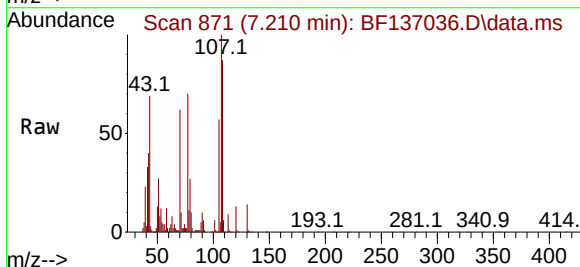
Ion	Ratio	Lower	Upper
70	100		
42	64.0	54.2	81.4
101	9.6	7.6	11.4
130	22.0	17.1	25.7

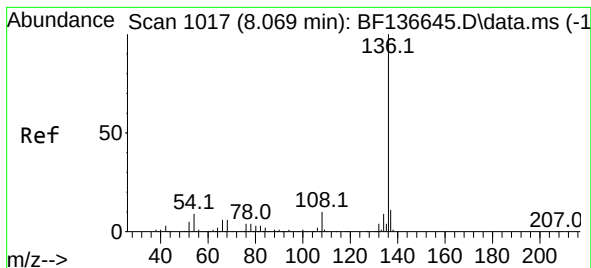


#20
3+4-Methylphenols
Concen: 41.314 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion: 107 Resp: 286065

Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.0	106.0
77	70.1	114.2	154.2#
79	26.6	7.2	47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

Tgt Ion:136 Resp: 397956

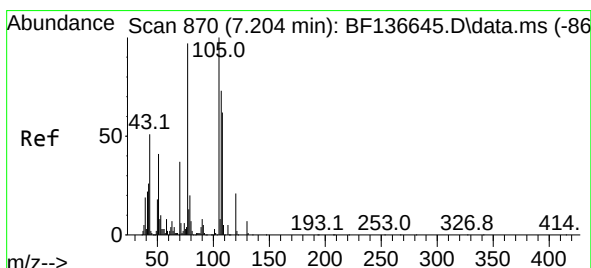
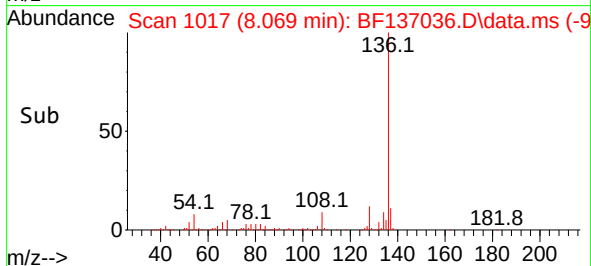
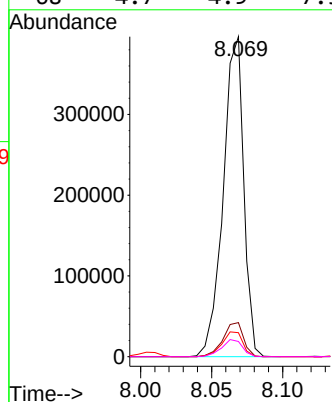
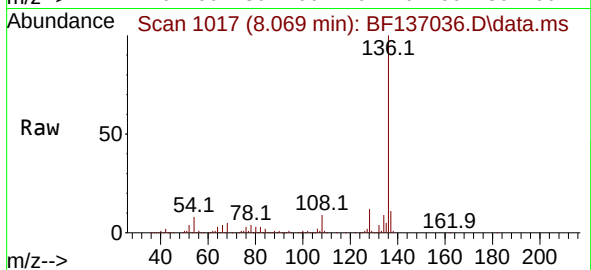
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.5 7.2 10.8

68 4.7 4.9 7.3#



#22

Acetophenone

Concen: 39.529 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Tgt Ion:105 Resp: 394296

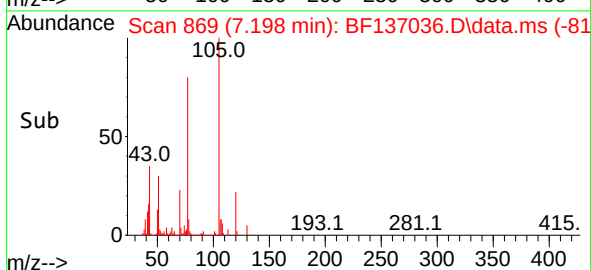
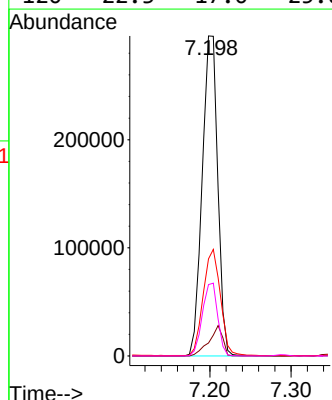
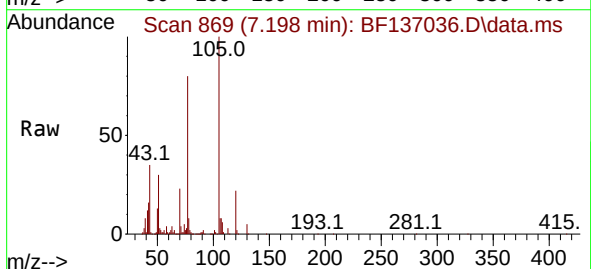
Ion Ratio Lower Upper

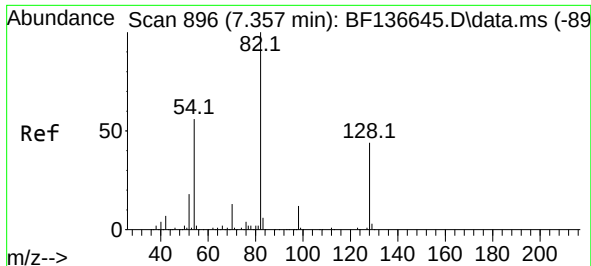
105 100

71 4.0 4.8 7.2#

51 30.4 32.8 49.2#

120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 72.681 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

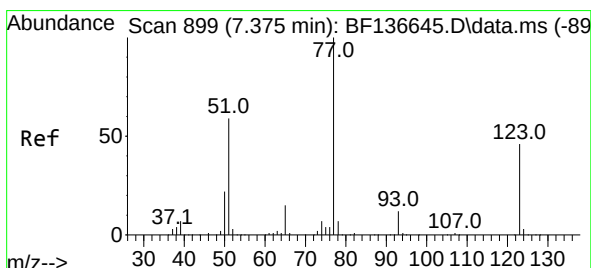
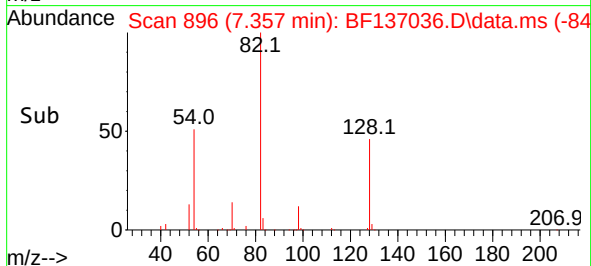
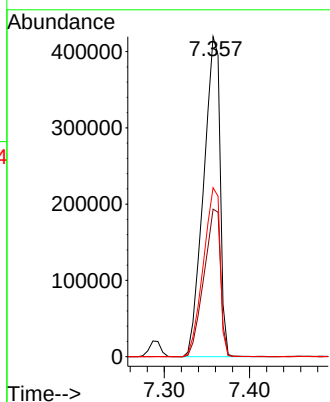
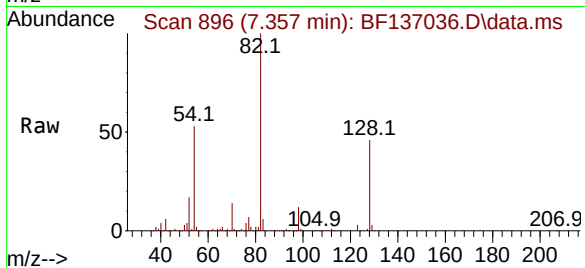
Tgt Ion: 82 Resp: 565236

Ion Ratio Lower Upper

82 100

128 46.1 35.3 52.9

54 52.8 44.5 66.7



#24

Nitrobenzene

Concen: 37.455 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

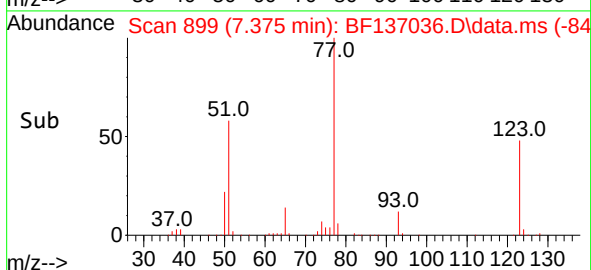
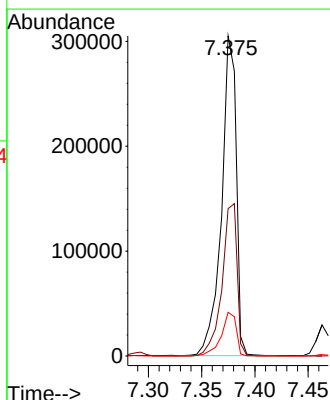
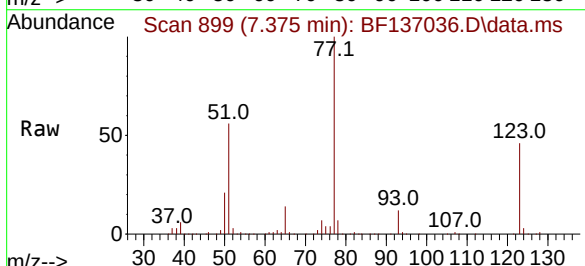
Tgt Ion: 77 Resp: 291790

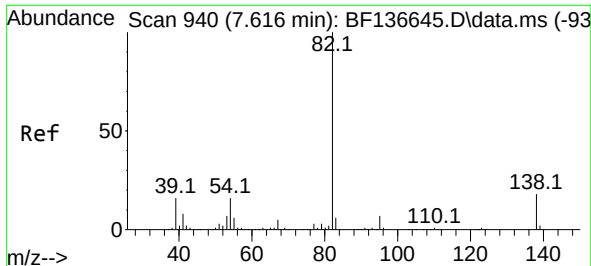
Ion Ratio Lower Upper

77 100

123 46.0 36.7 55.1

65 13.7 11.8 17.6

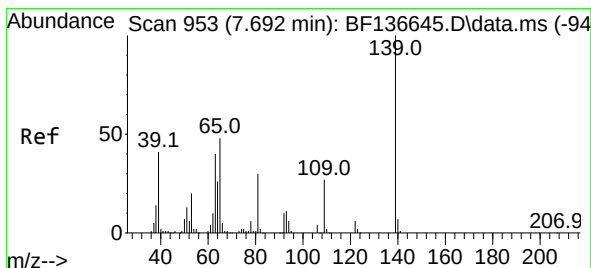
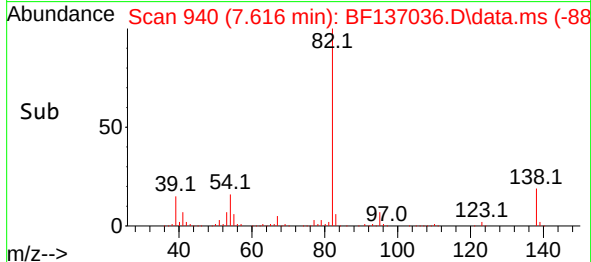
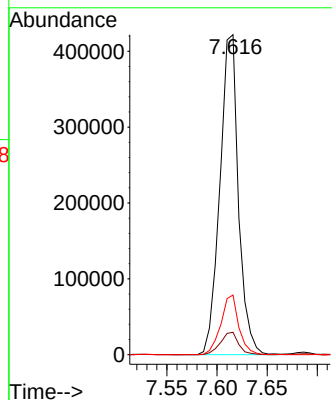
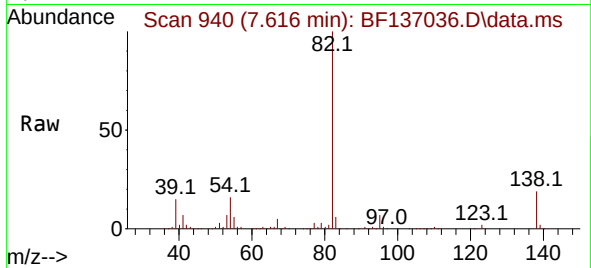




#25
Isophorone
Concen: 38.454 ng
RT: 7.616 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

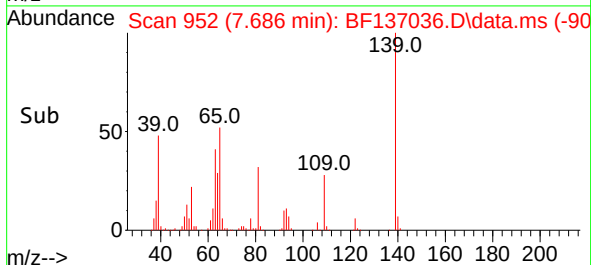
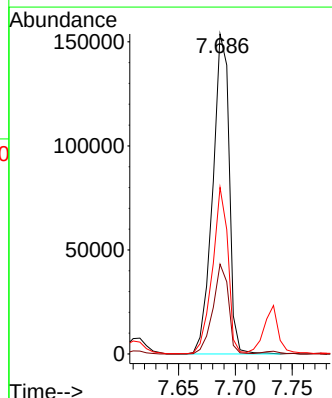
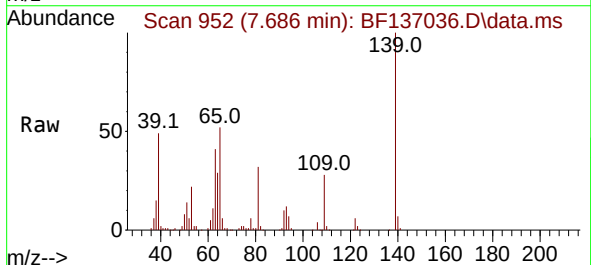
Instrument :
BNA_F
ClientSampleId :
PB158353BS

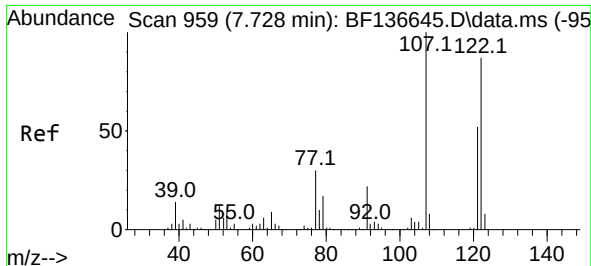
Tgt Ion: 82 Resp: 544168
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.7 14.5 21.7



#26
2-Nitrophenol
Concen: 41.676 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:139 Resp: 155340
Ion Ratio Lower Upper
139 100
109 28.0 21.9 32.9
65 52.1 38.6 58.0

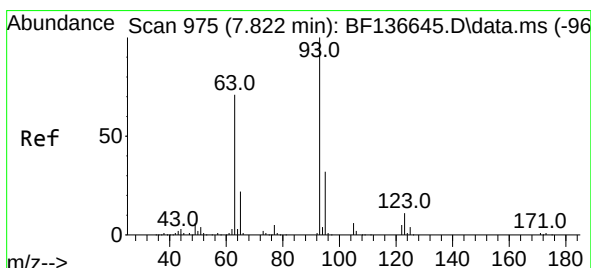
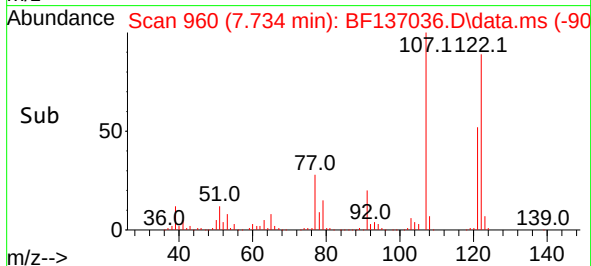
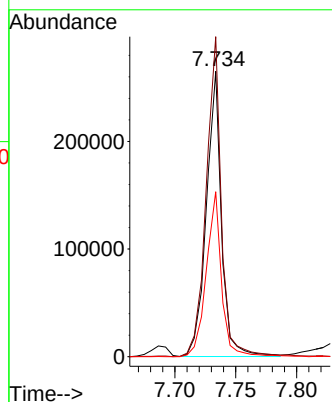
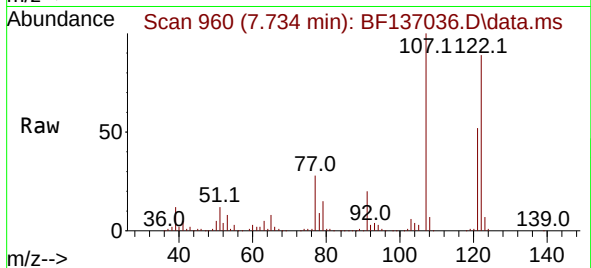




#27
2,4-Dimethylphenol
Concen: 50.424 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

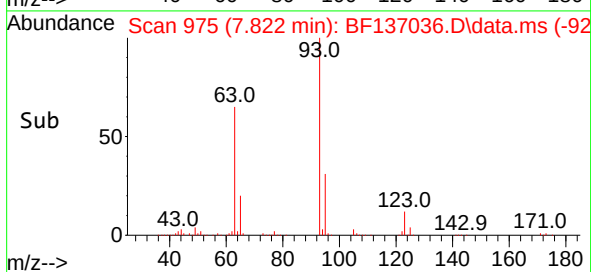
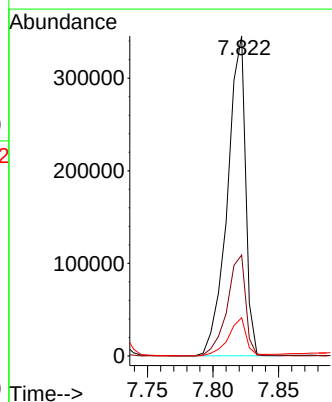
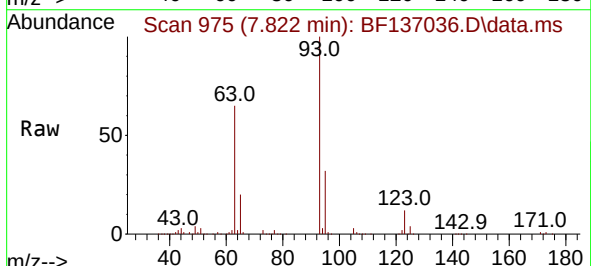
Instrument :
BNA_F
ClientSampleId :
PB158353BS

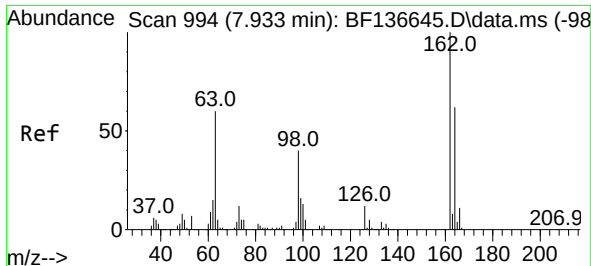
Tgt Ion:122 Resp: 228814
Ion Ratio Lower Upper
122 100
107 112.1 92.0 138.0
121 57.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.708 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion: 93 Resp: 332956
Ion Ratio Lower Upper
93 100
95 31.6 25.5 38.3
123 12.0 9.2 13.8

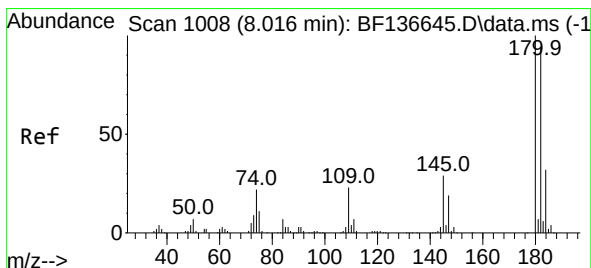
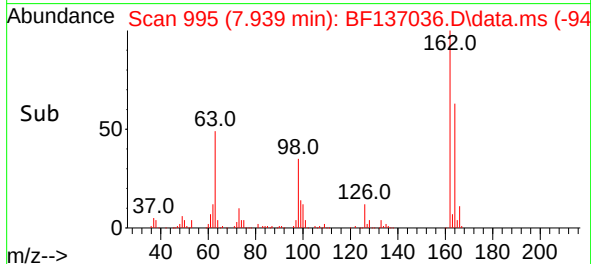
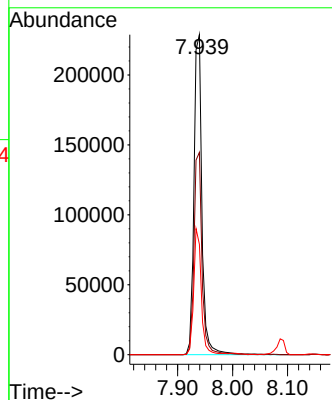
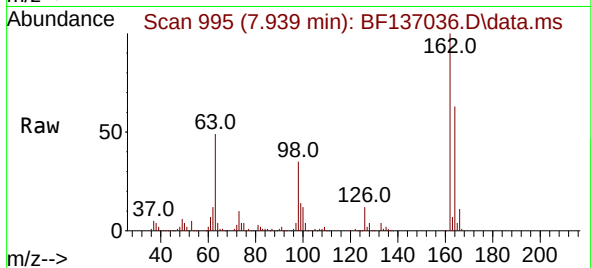




#29
2,4-Dichlorophenol
Concen: 39.149 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

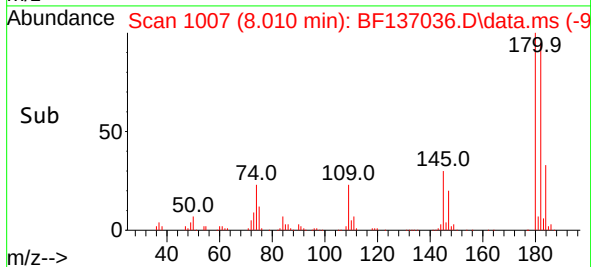
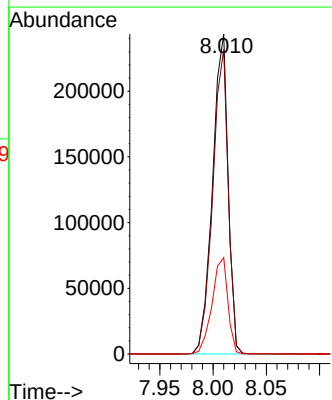
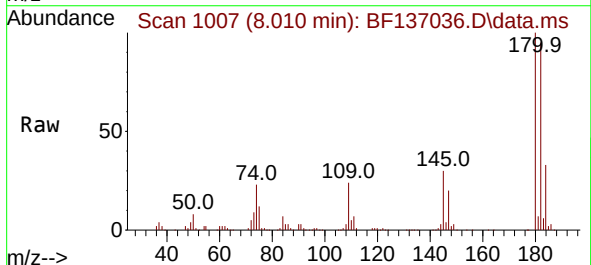
Instrument :
BNA_F
ClientSampleId :
PB158353BS

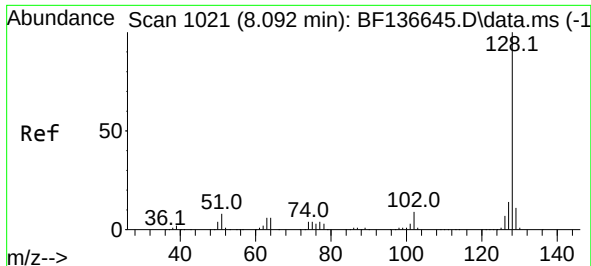
Tgt Ion:162 Resp: 228709
Ion Ratio Lower Upper
162 100
164 63.2 41.7 81.7
98 34.5 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.920 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:180 Resp: 246825
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 30.1 23.1 34.7

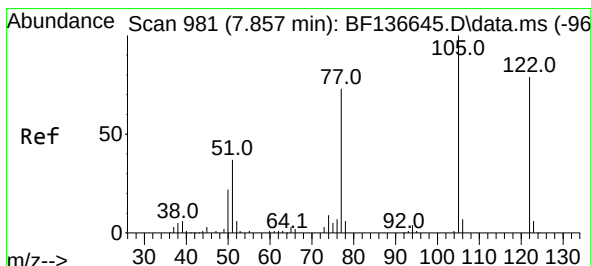
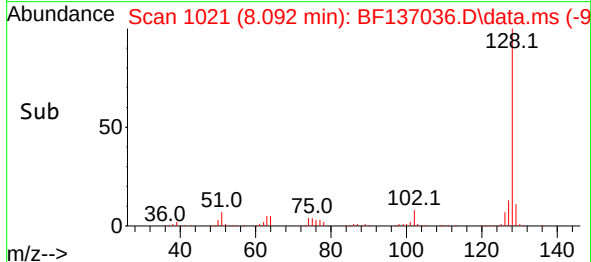
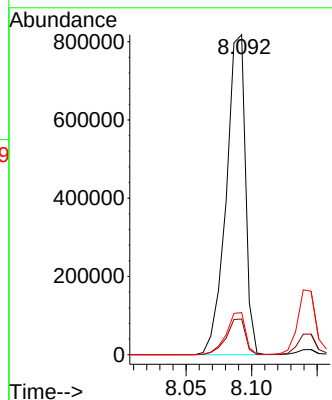
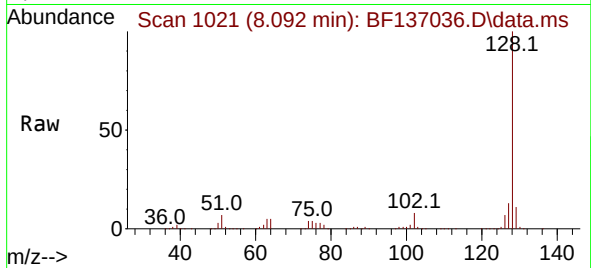




#31
Naphthalene
Concen: 38.132 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

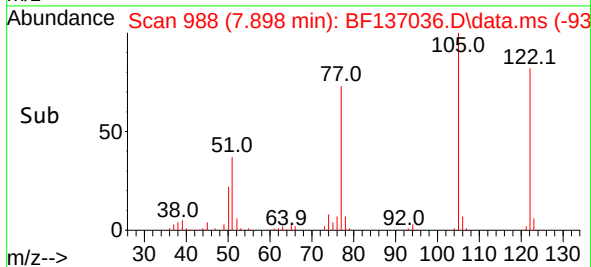
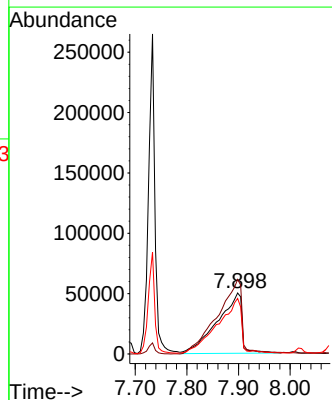
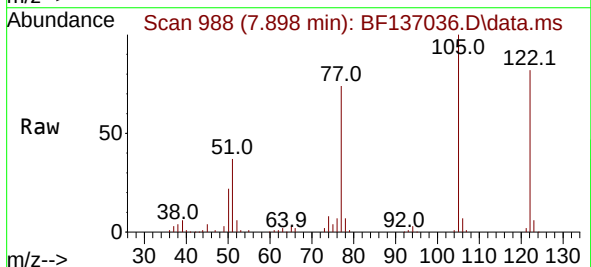
Instrument :
BNA_F
ClientSampleId :
PB158353BS

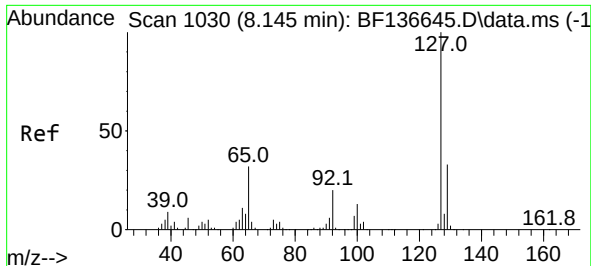
Tgt Ion:128 Resp: 833670
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 37.678 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.041 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:122 Resp: 165428
Ion Ratio Lower Upper
122 100
105 122.2 100.8 140.8
77 90.9 70.9 110.9

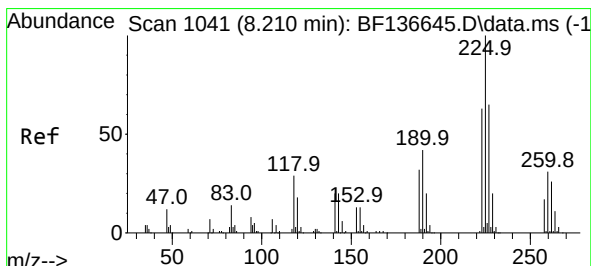
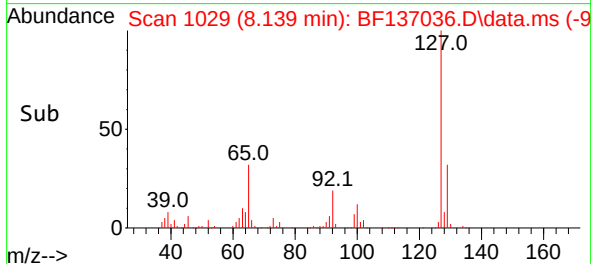
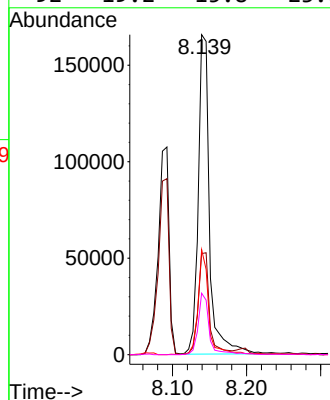
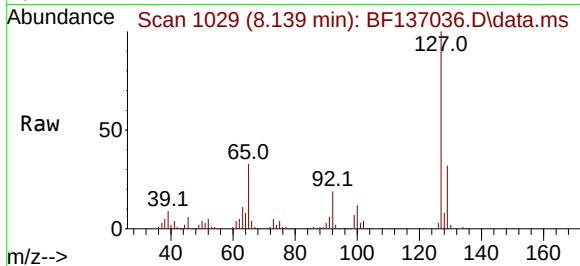




#33
4-Chloroaniline
Concen: 21.732 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

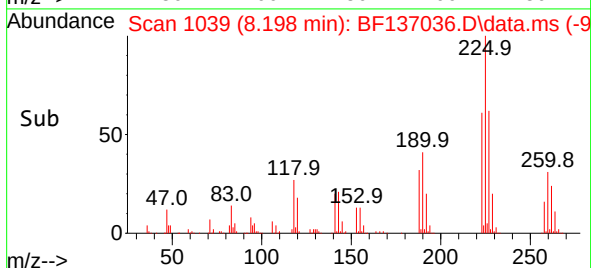
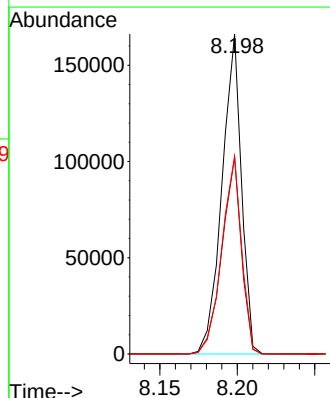
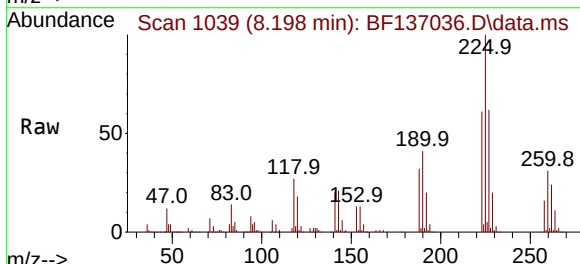
Instrument :
BNA_F
ClientSampleId :
PB158353BS

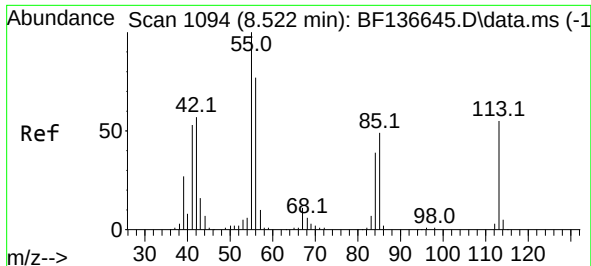
Tgt Ion:	127	Resp:	175423
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	32.8	25.8	38.8
92	19.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.648 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:	225	Resp:	144933
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	61.8	51.9	77.9

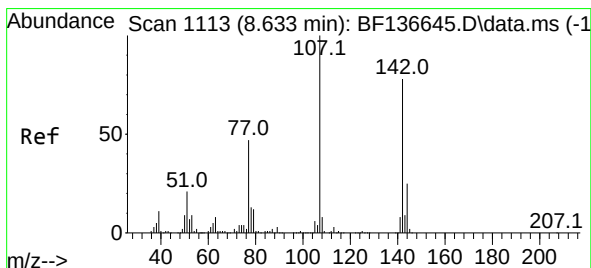
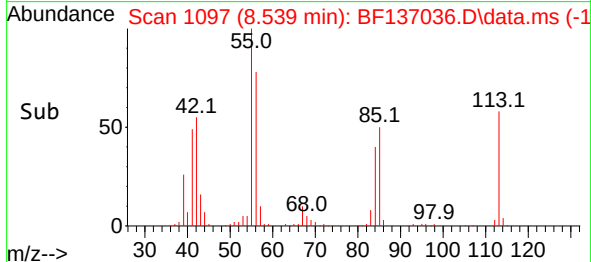
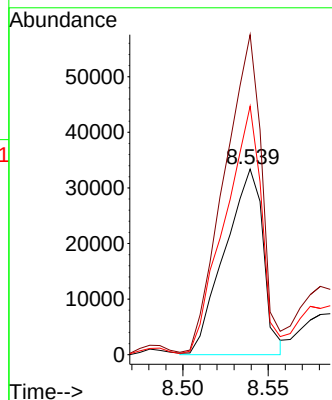
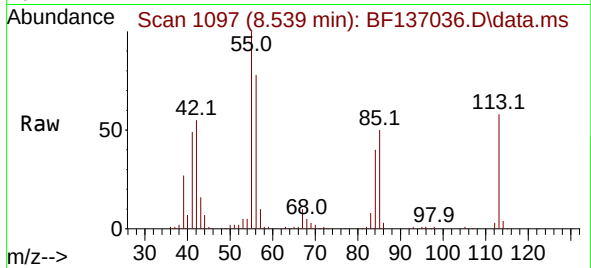




#35
 Caprolactam
 Concen: 27.182 ng
 RT: 8.539 min Scan# 1097
 Delta R.T. 0.018 min
 Lab File: BF137036.D
 Acq: 11 Jan 2024 13:44

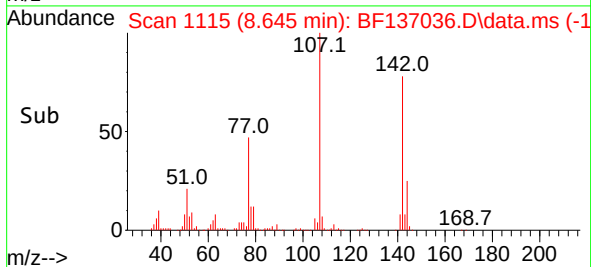
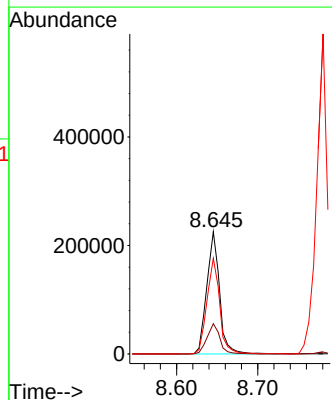
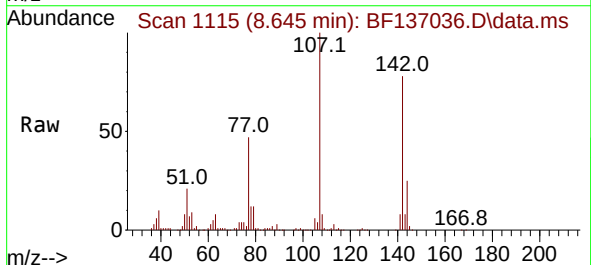
Instrument :
 BNA_F
 ClientSampleId :
 PB158353BS

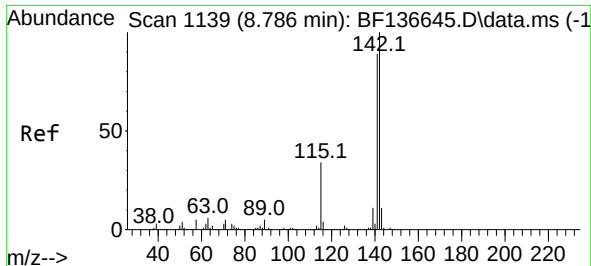
Tgt Ion:113 Resp: 52387
 Ion Ratio Lower Upper
 113 100
 55 172.5 163.1 203.1
 56 133.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.377 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF137036.D
 Acq: 11 Jan 2024 13:44

Tgt Ion:107 Resp: 245819
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 78.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.512 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

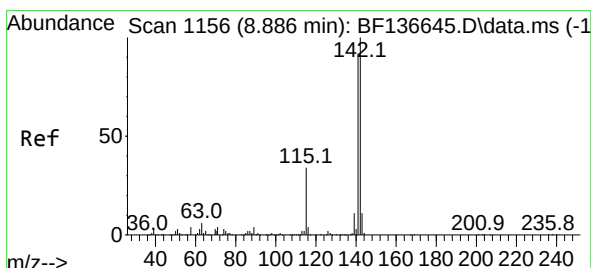
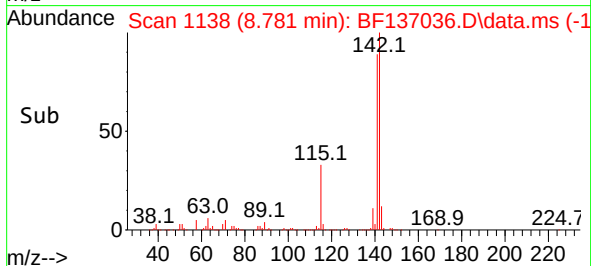
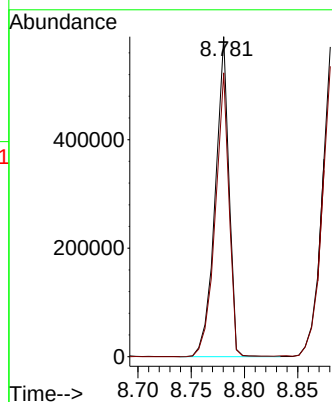
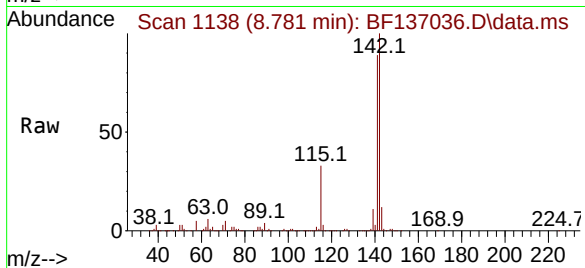
PB158353BS

Tgt Ion:142 Resp: 527804

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.946 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137036.D

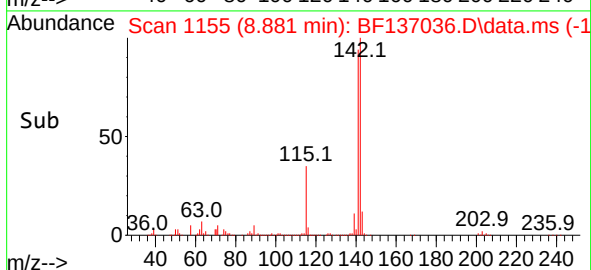
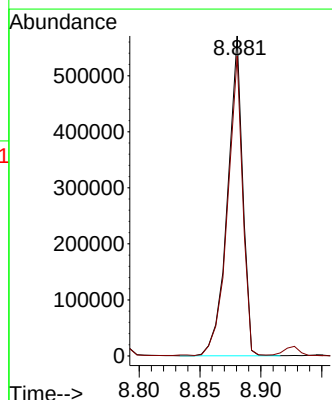
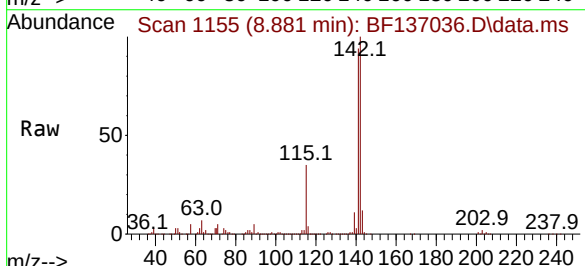
Acq: 11 Jan 2024 13:44

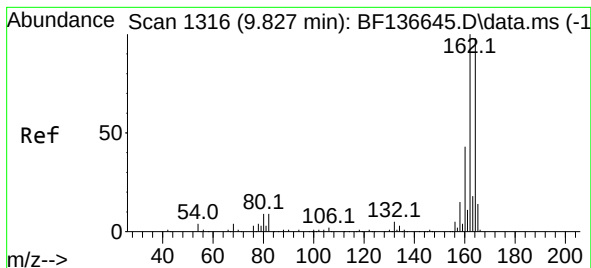
Tgt Ion:142 Resp: 496195

Ion Ratio Lower Upper

142 100

141 93.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

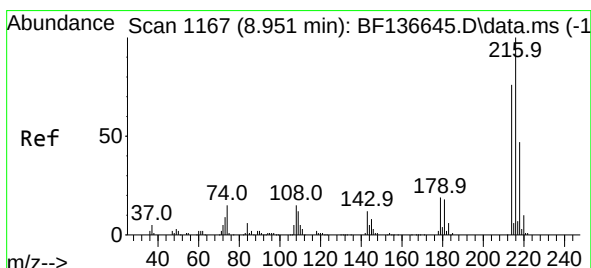
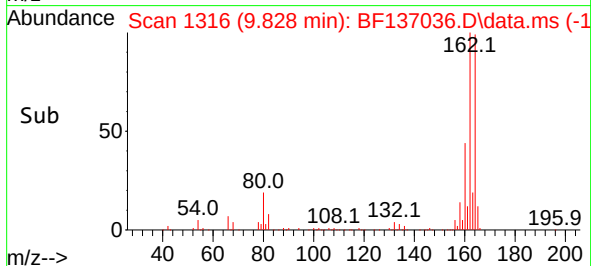
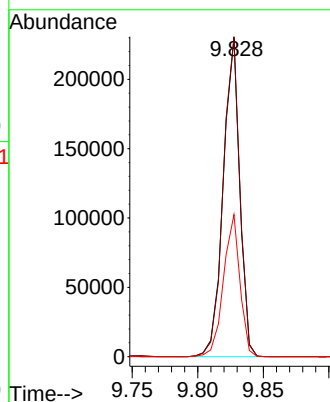
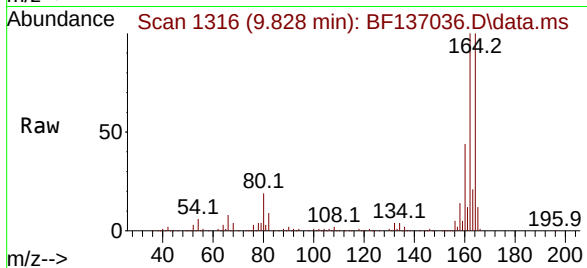
Tgt Ion:164 Resp: 200720

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 44.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.075 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Tgt Ion:216 Resp: 255333

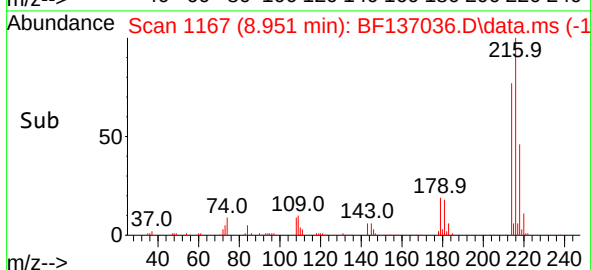
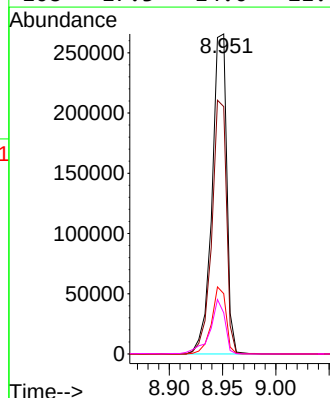
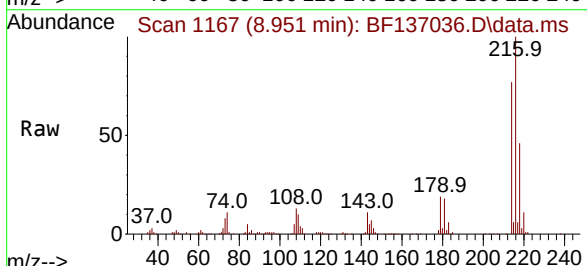
Ion Ratio Lower Upper

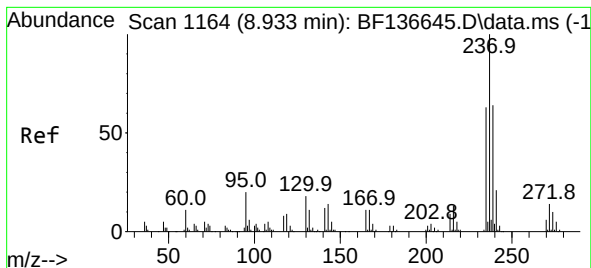
216 100

214 78.5 62.3 93.5

179 20.4 16.4 24.6

108 17.3 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 64.398 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

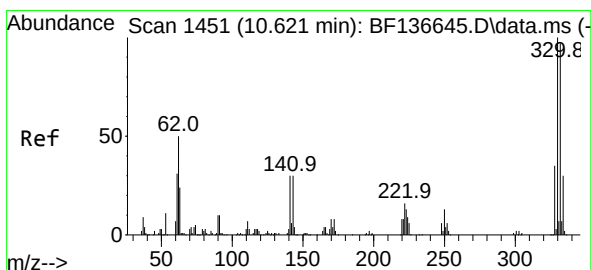
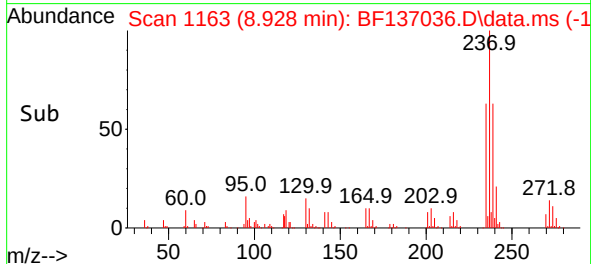
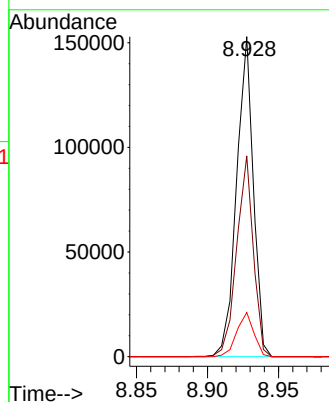
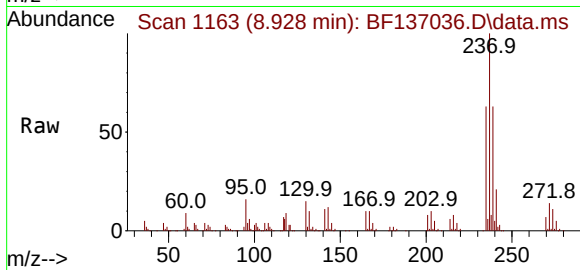
Tgt Ion:237 Resp: 125620

Ion Ratio Lower Upper

237 100

235 62.8 43.2 83.2

272 13.8 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 109.695 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

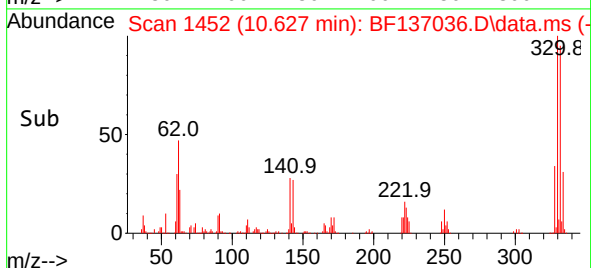
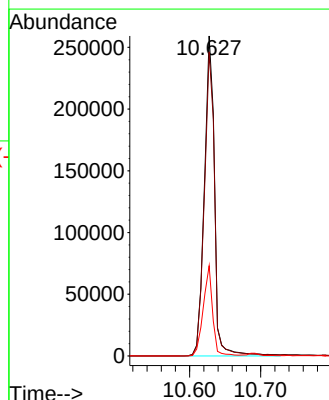
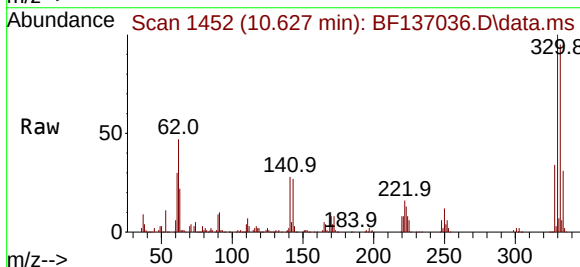
Tgt Ion:330 Resp: 259310

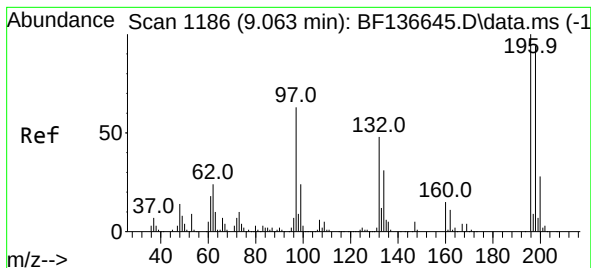
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 26.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.807 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

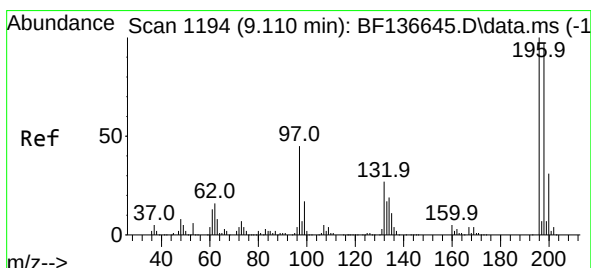
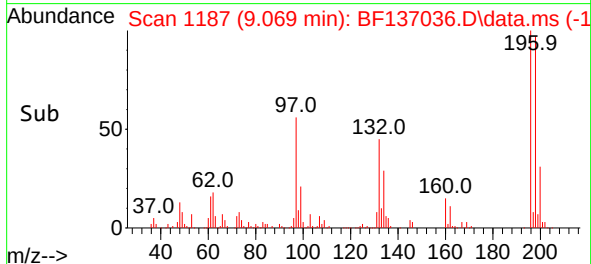
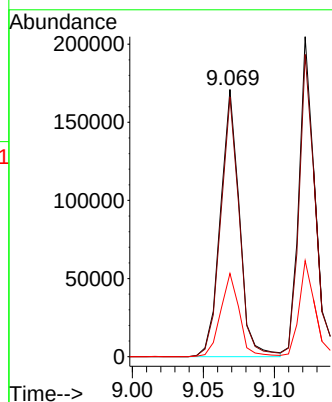
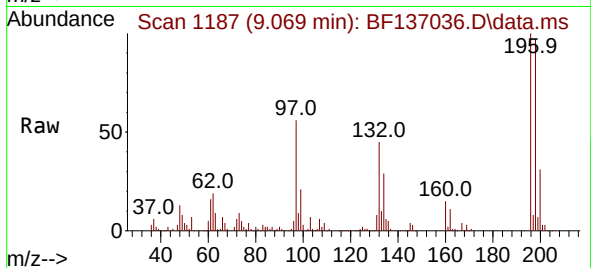
Tgt Ion:196 Resp: 158694

Ion Ratio Lower Upper

196 100

198 97.2 75.1 112.7

200 31.1 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 37.439 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Tgt Ion:196 Resp: 166321

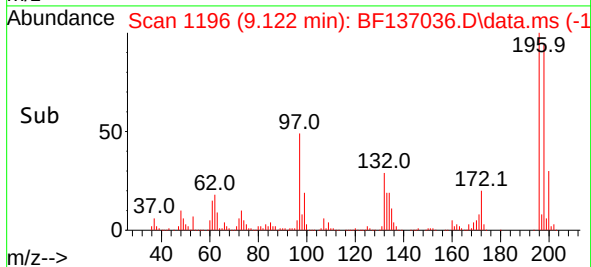
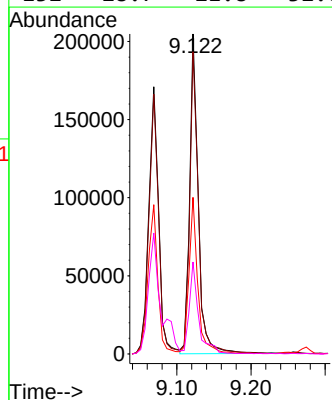
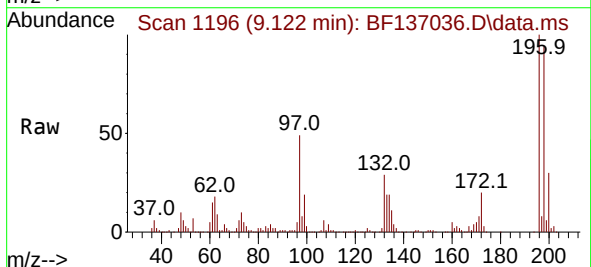
Ion Ratio Lower Upper

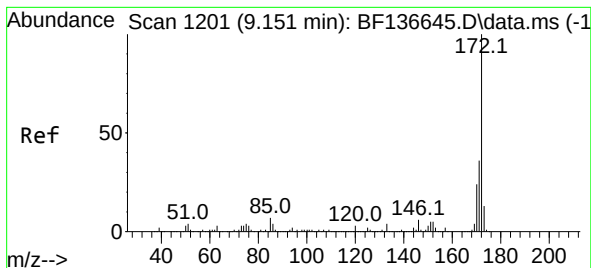
196 100

198 94.5 77.0 115.6

97 48.9 36.1 54.1

132 28.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.383 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

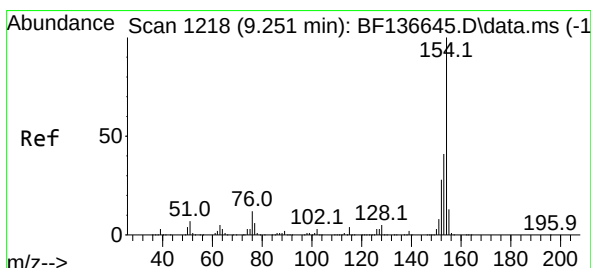
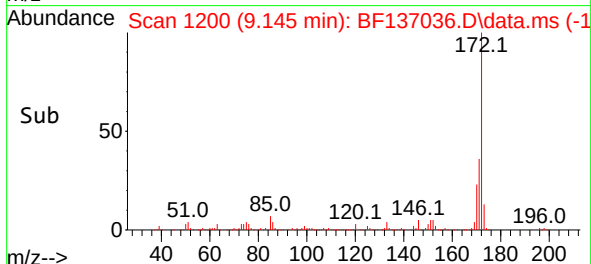
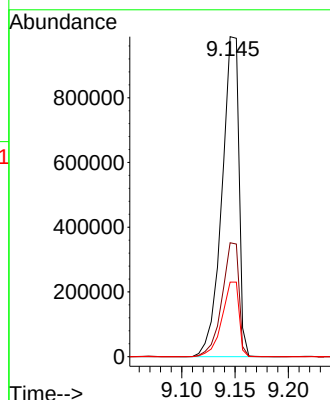
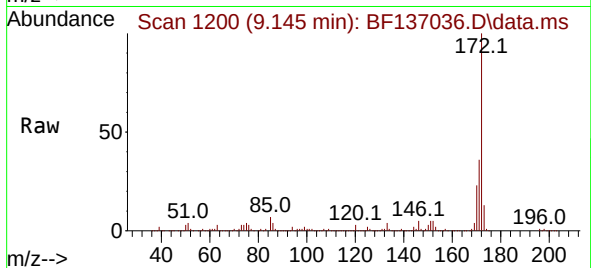
Tgt Ion:172 Resp: 1095139

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.144 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

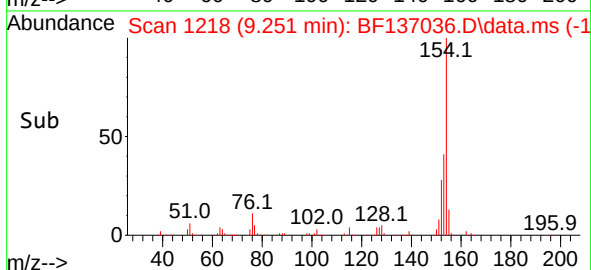
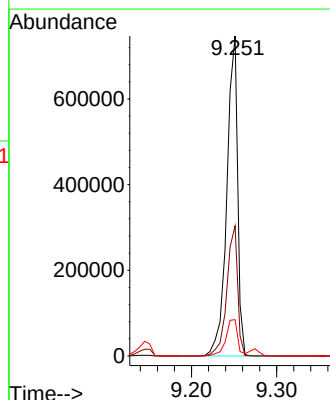
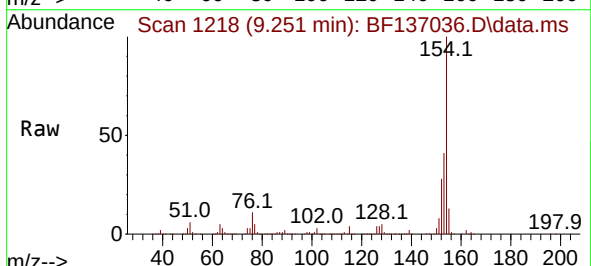
Tgt Ion:154 Resp: 659317

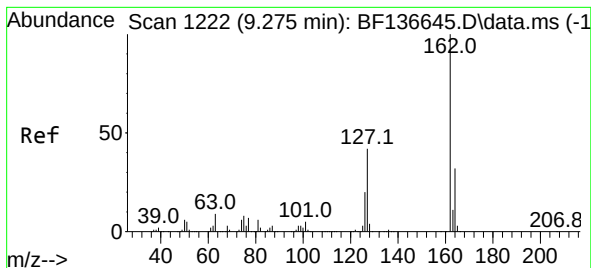
Ion Ratio Lower Upper

154 100

153 40.6 21.1 61.1

76 11.3 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.960 ng

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

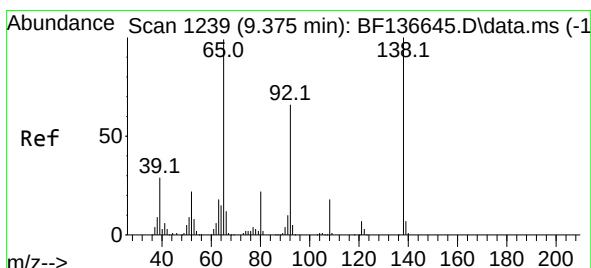
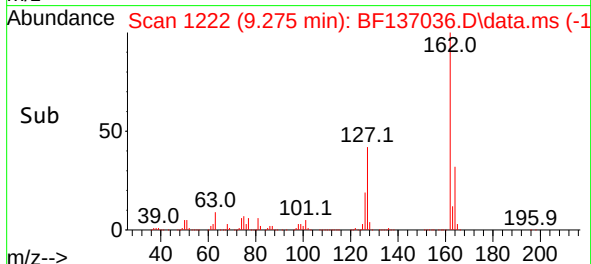
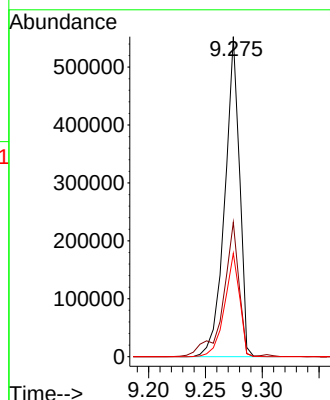
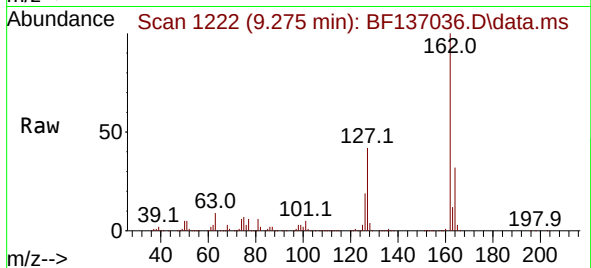
Tgt Ion:162 Resp: 498868

Ion Ratio Lower Upper

162 100

127 42.0 33.6 50.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 38.057 ng

RT: 9.380 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

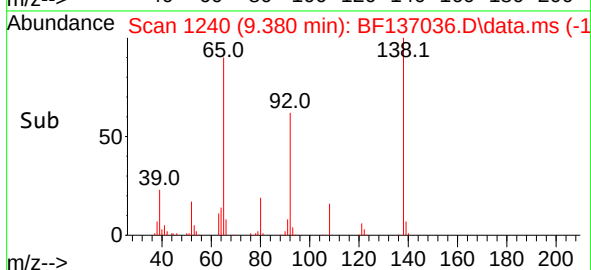
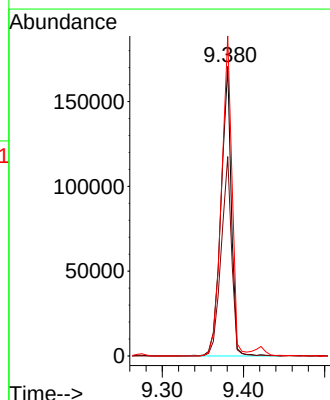
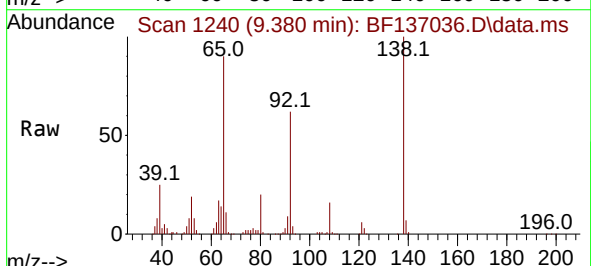
Tgt Ion: 65 Resp: 152601

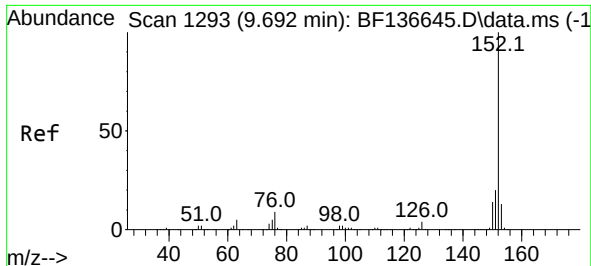
Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

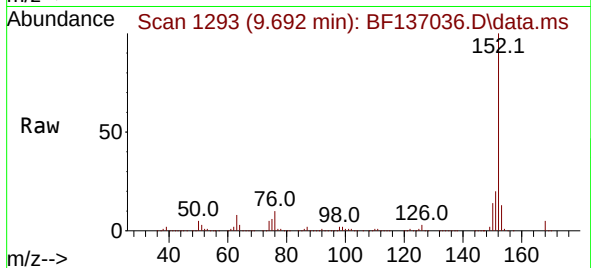
138 110.5 81.1 121.7



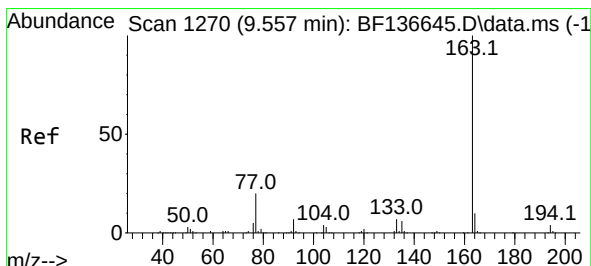
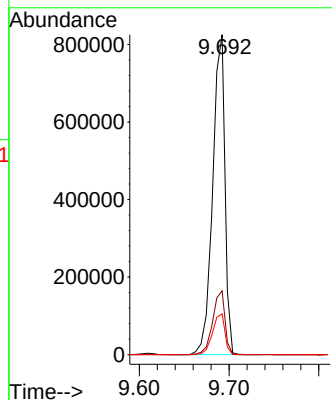
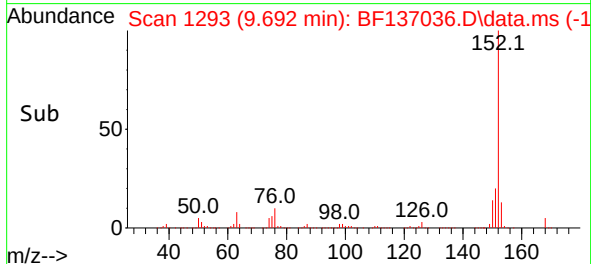


#49
Acenaphthylene
Concen: 39.979 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

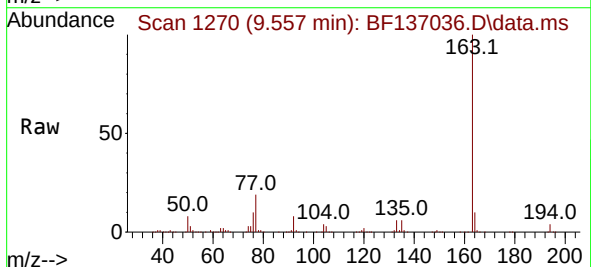
Instrument :
BNA_F
ClientSampleId :
PB158353BS



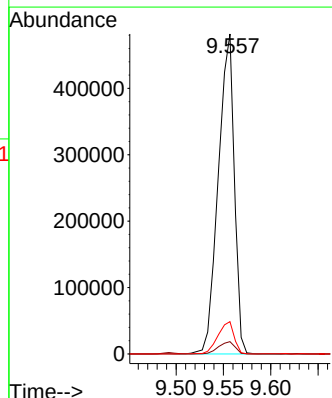
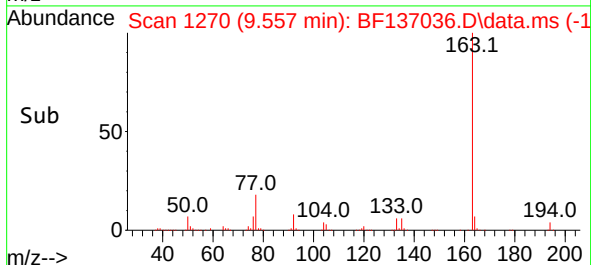
Tgt Ion:152 Resp: 782455
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.8 10.2 15.2

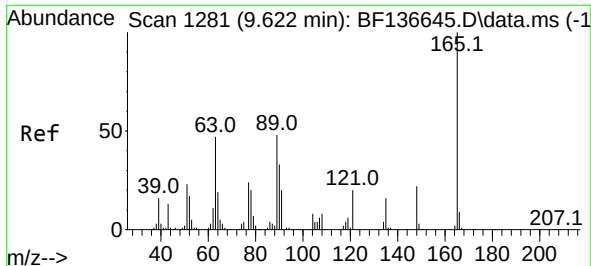


#50
Dimethylphthalate
Concen: 38.855 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44



Tgt Ion:163 Resp: 569662
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 7.8 11.6

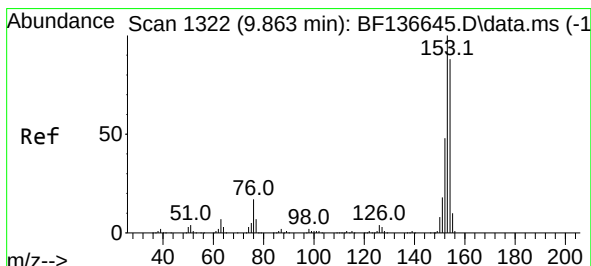
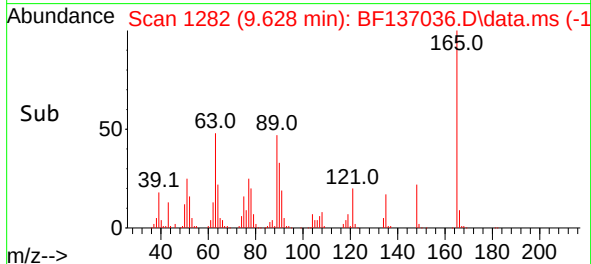
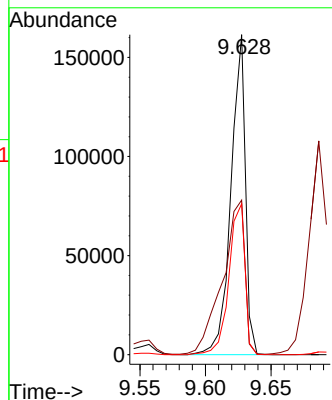
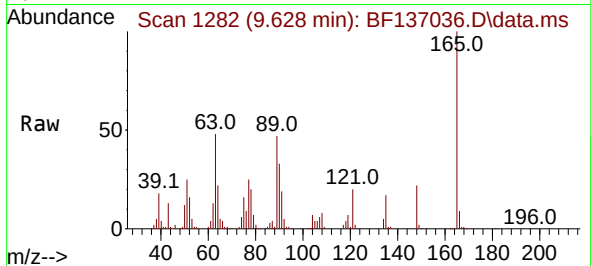




#51
2,6-Dinitrotoluene
Concen: 37.131 ng
RT: 9.628 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

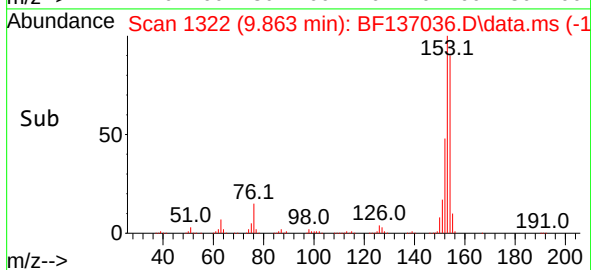
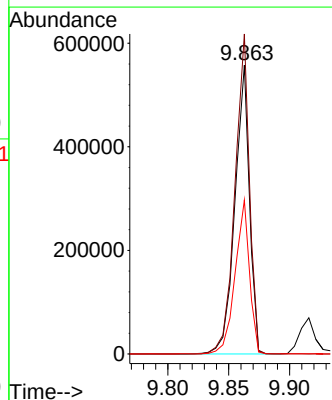
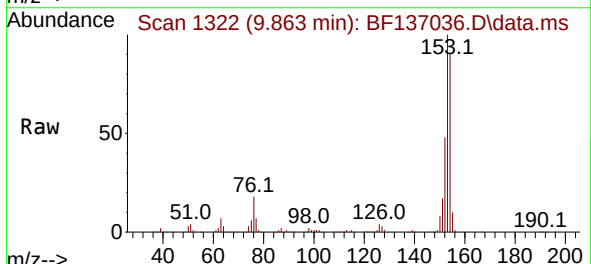
Instrument :
BNA_F
ClientSampleId :
PB158353BS

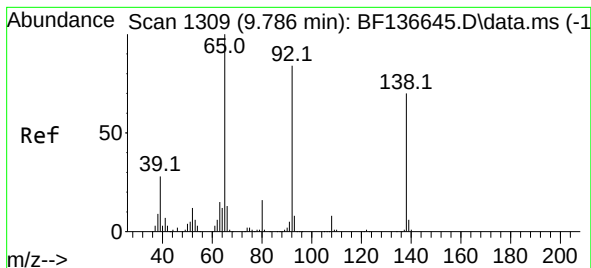
Tgt Ion:165 Resp: 123549
Ion Ratio Lower Upper
165 100
63 48.3 39.8 59.6
89 47.2 38.8 58.2



#52
Acenaphthene
Concen: 38.128 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:154 Resp: 462573
Ion Ratio Lower Upper
154 100
153 110.8 90.7 136.1
152 53.3 43.7 65.5





#53

3-Nitroaniline

Concen: 31.999 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

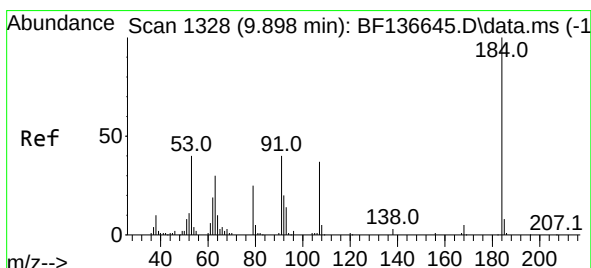
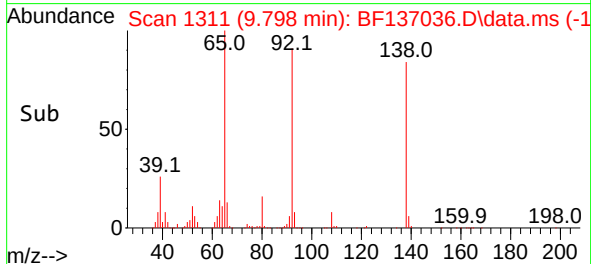
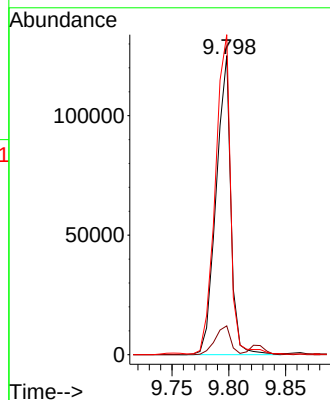
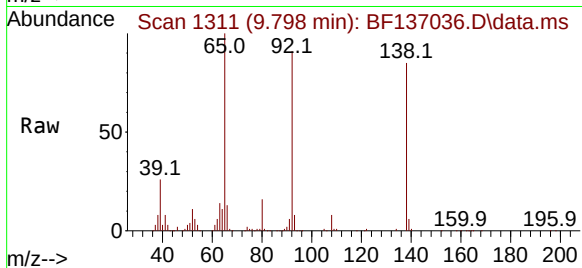
Tgt Ion:138 Resp: 112786

Ion Ratio Lower Upper

138 100

108 9.6 8.6 12.8

92 107.0 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 67.223 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.018 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

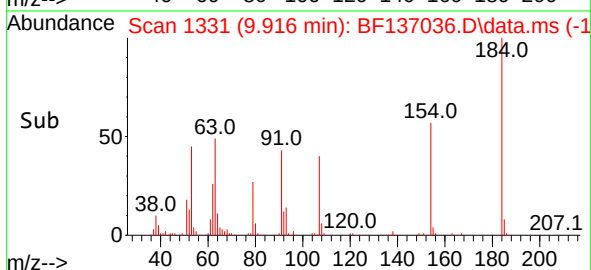
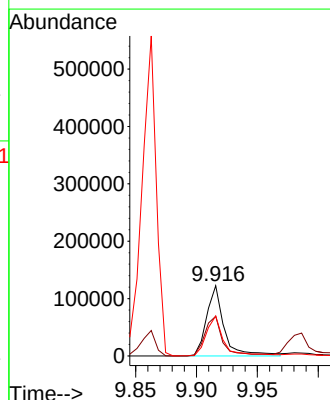
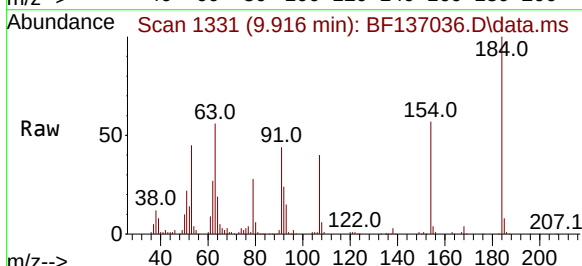
Tgt Ion:184 Resp: 122811

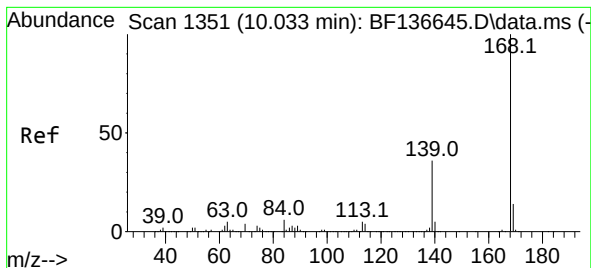
Ion Ratio Lower Upper

184 100

63 56.5 40.9 61.3

154 57.1 42.7 64.1





#55

Dibenzenofuran

Concen: 37.220 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

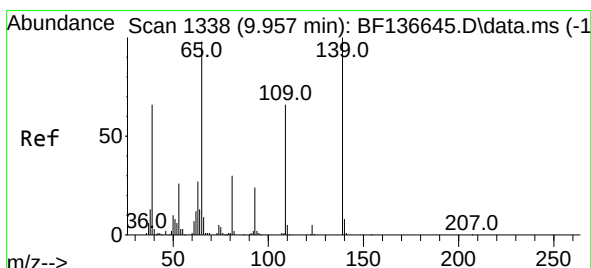
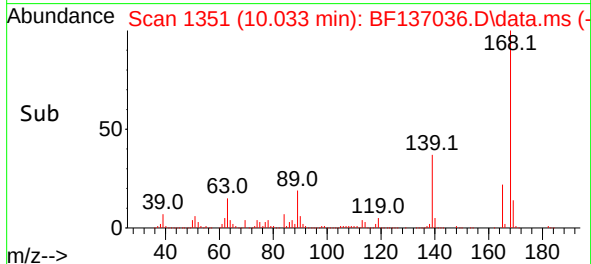
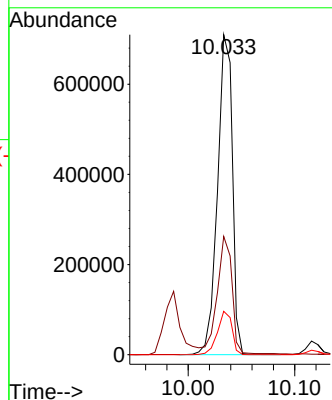
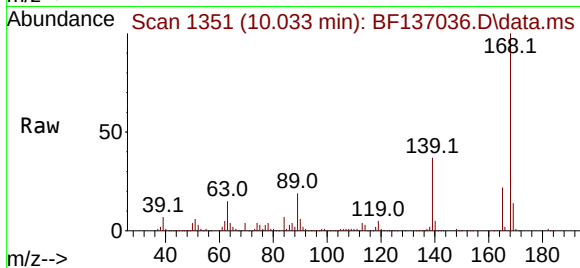
Tgt Ion:168 Resp: 684496

Ion Ratio Lower Upper

168 100

139 37.0 29.3 43.9

169 13.5 11.0 16.4



#56

4-Nitrophenol

Concen: 62.411 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.029 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

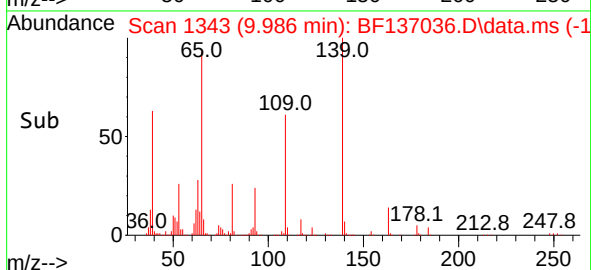
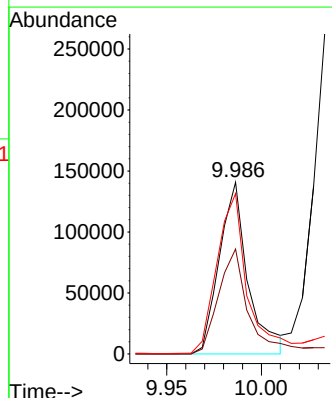
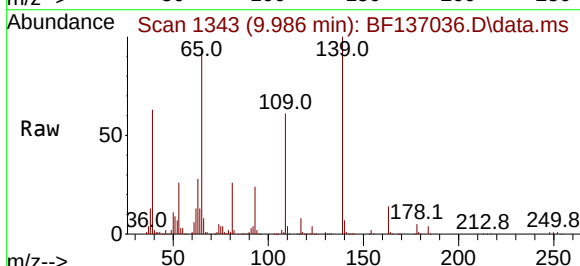
Tgt Ion:139 Resp: 148501

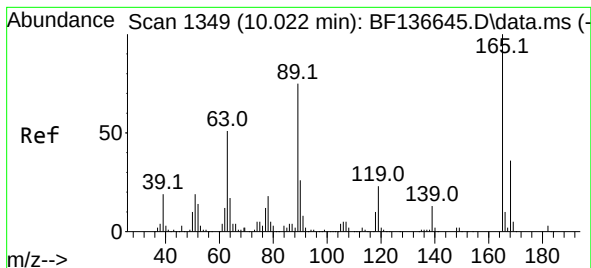
Ion Ratio Lower Upper

139 100

109 61.2 45.8 85.8

65 93.4 77.8 117.8

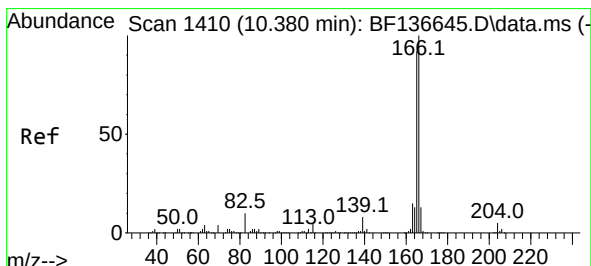
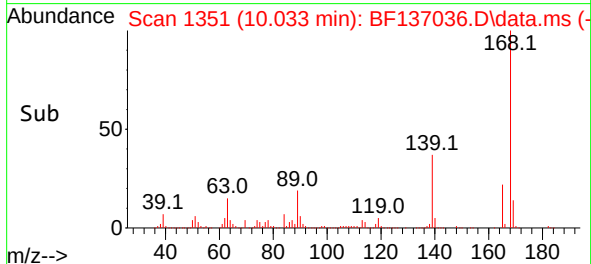
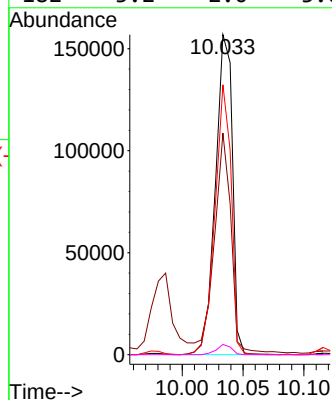
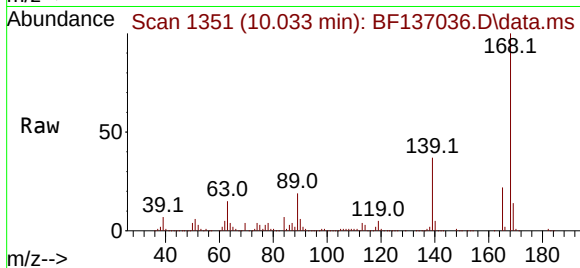




#57
2,4-Dinitrotoluene
Concen: 35.236 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

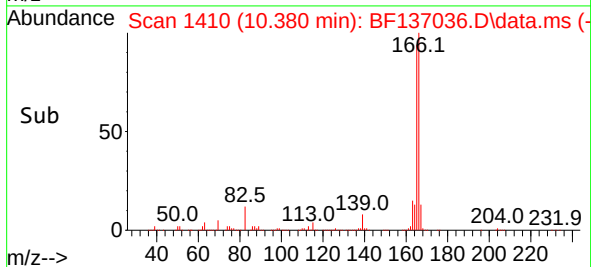
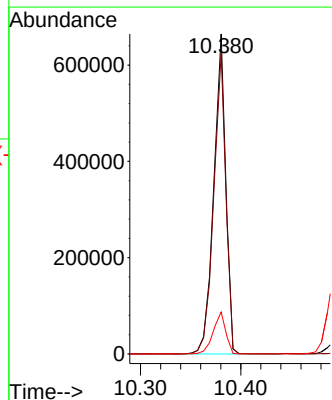
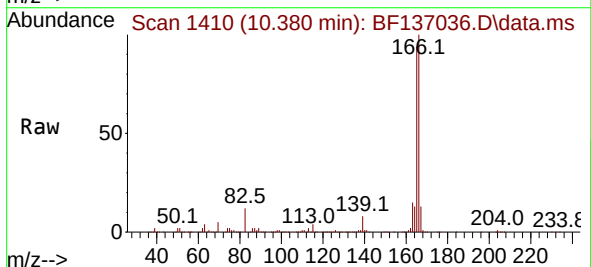
Instrument :
BNA_F
ClientSampleId :
PB158353BS

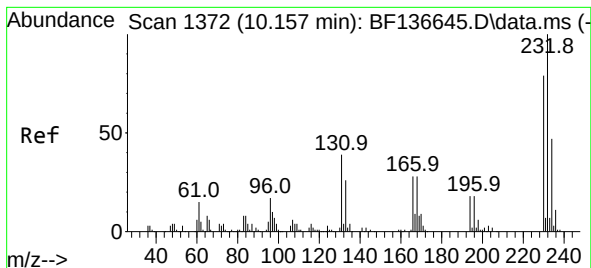
Tgt Ion:165 Resp: 152202
Ion Ratio Lower Upper
165 100
63 69.3 41.0 61.6#
89 84.3 59.9 89.9
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 38.221 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:166 Resp: 557733
Ion Ratio Lower Upper
166 100
165 94.0 73.7 110.5
167 13.1 10.4 15.6

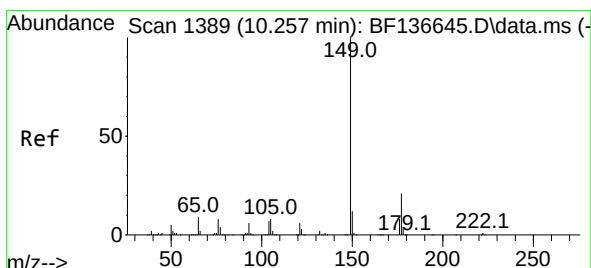
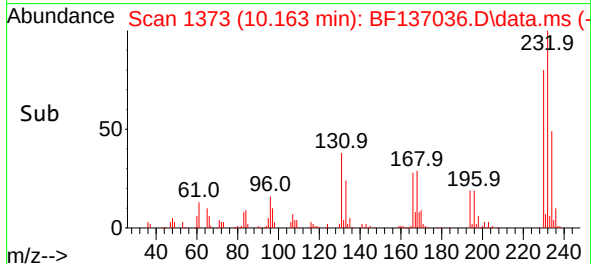
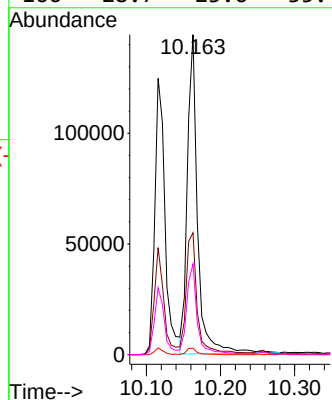
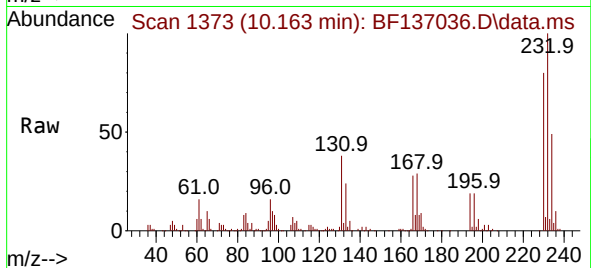




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.426 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

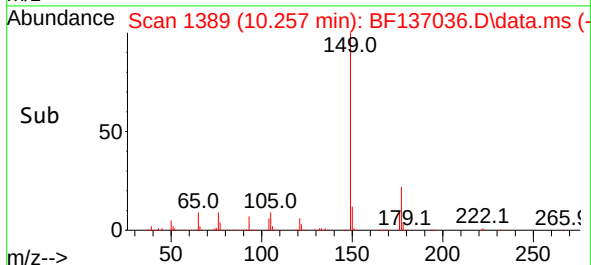
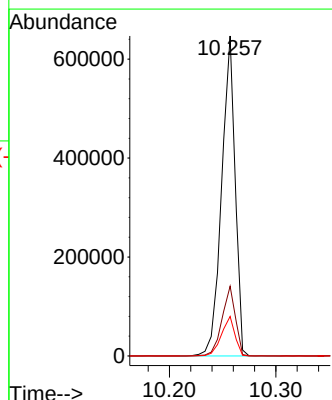
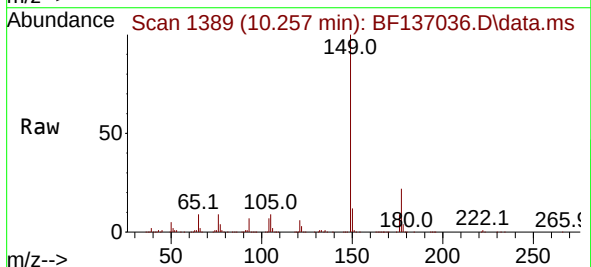
Instrument :
BNA_F
ClientSampleId :
PB158353BS

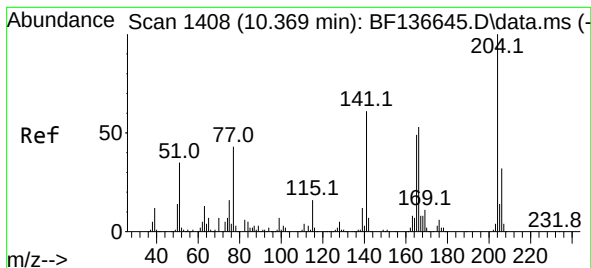
Tgt Ion:232 Resp: 138245
Ion Ratio Lower Upper
232 100
131 40.7 35.1 52.7
130 2.2 1.6 2.4
166 28.7 23.6 35.4



#60
Diethylphthalate
Concen: 37.382 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:149 Resp: 568649
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.3 9.3 13.9

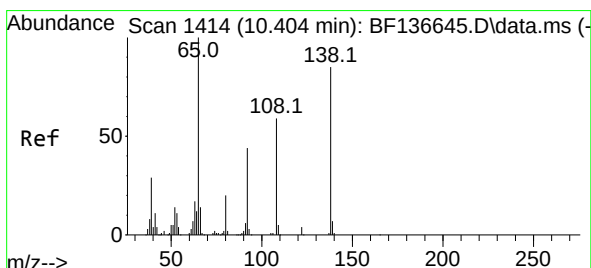
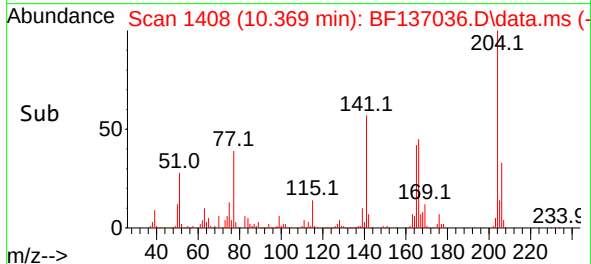
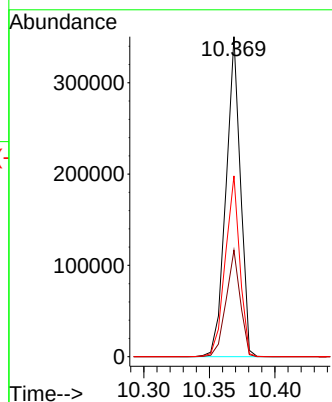
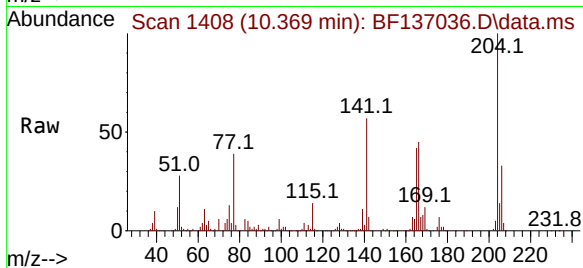




#61
4-Chlorophenyl-phenylether
Concen: 37.839 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

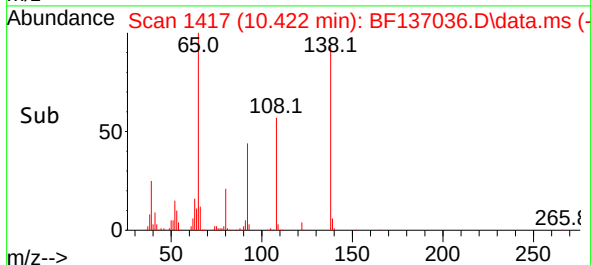
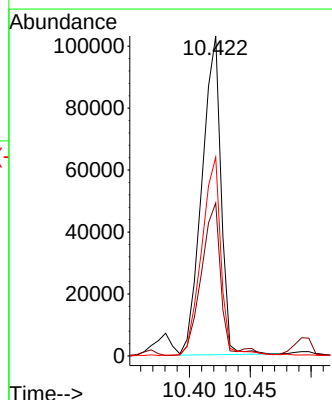
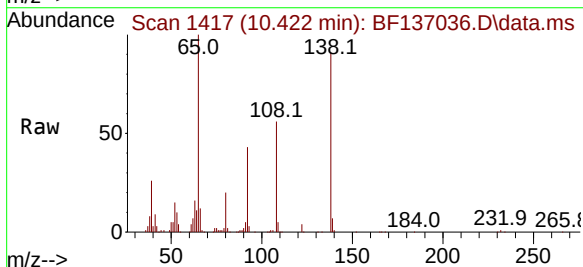
Instrument :
BNA_F
ClientSampleId :
PB158353BS

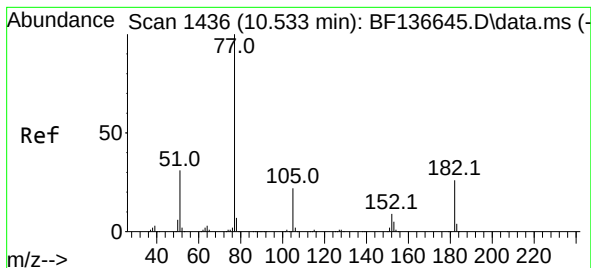
Tgt Ion:204 Resp: 268386
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 56.5 48.4 72.6



#62
4-Nitroaniline
Concen: 32.894 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.018 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:138 Resp: 111769
Ion Ratio Lower Upper
138 100
92 47.8 32.1 72.1
108 62.1 50.1 90.1





#63

Azobenzene

Concen: 36.825 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

Tgt Ion: 77 Resp: 523198

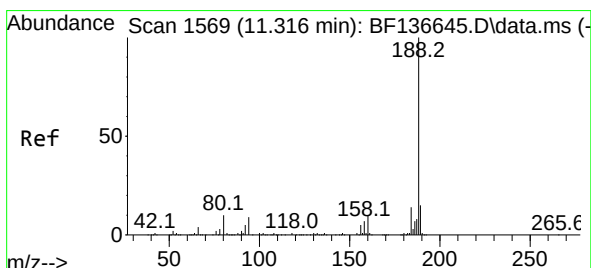
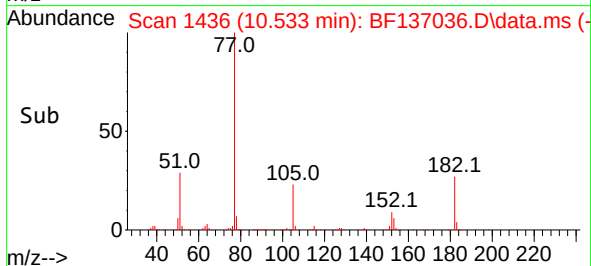
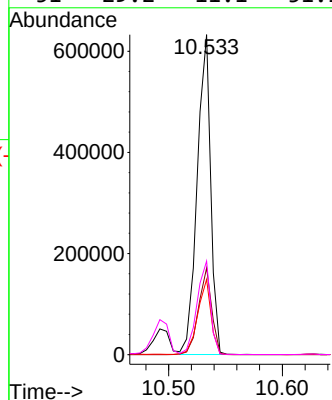
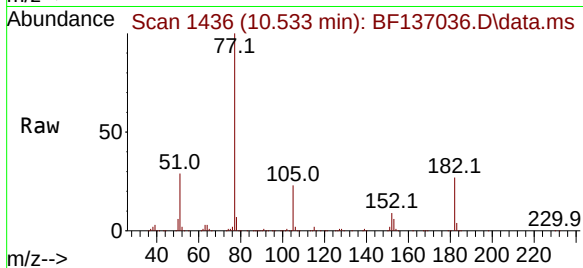
Ion Ratio Lower Upper

77 100

182 27.1 6.0 46.0

105 23.5 2.3 42.3

51 29.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

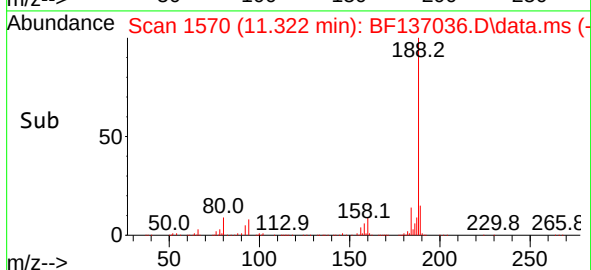
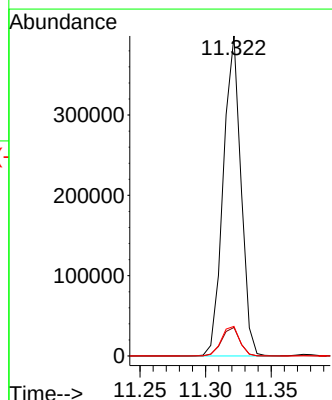
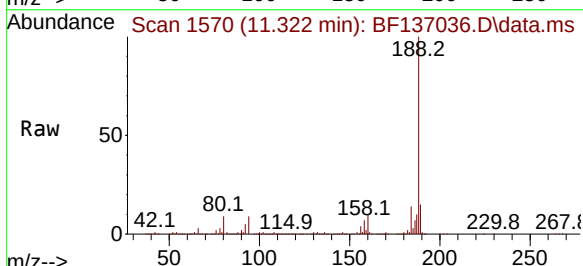
Tgt Ion: 188 Resp: 372470

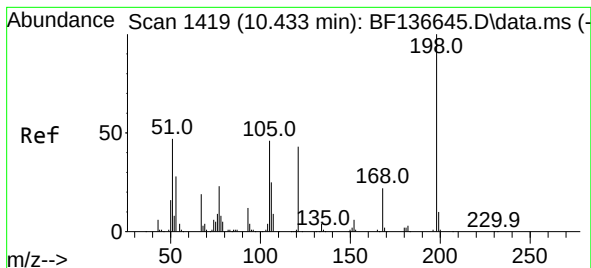
Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 9.3 8.1 12.1

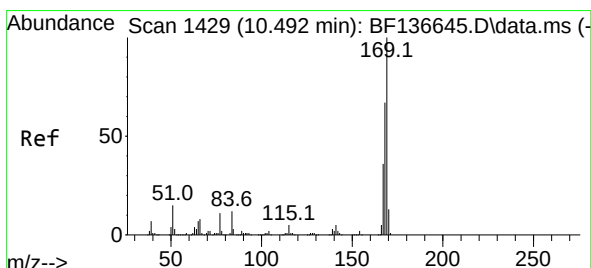
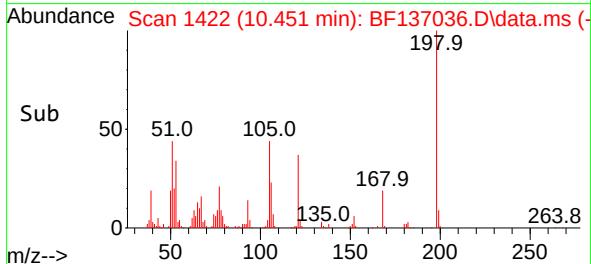
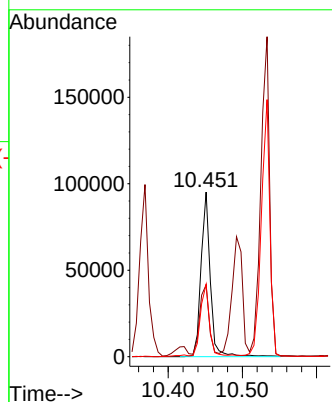
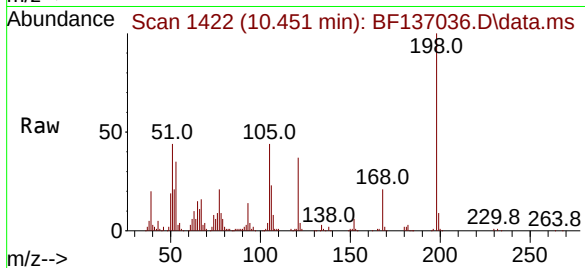




#65
4,6-Dinitro-2-methylphenol
Concen: 38.626 ng
RT: 10.451 min Scan# 1419
Delta R.T. 0.018 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

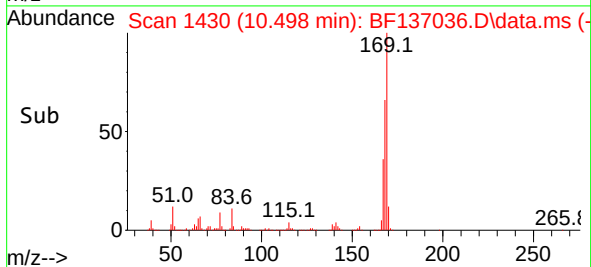
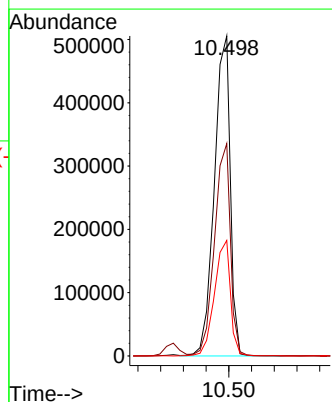
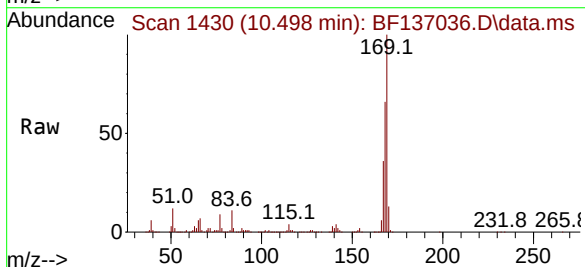
Instrument :
BNA_F
ClientSampleId :
PB158353BS

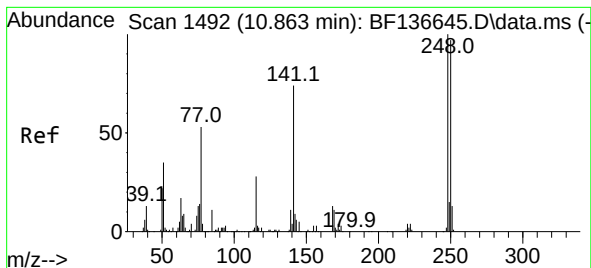
Tgt Ion:198 Resp: 82452
Ion Ratio Lower Upper
198 100
51 43.6 34.1 74.1
105 43.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.644 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:169 Resp: 491779
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.1 28.7 43.1

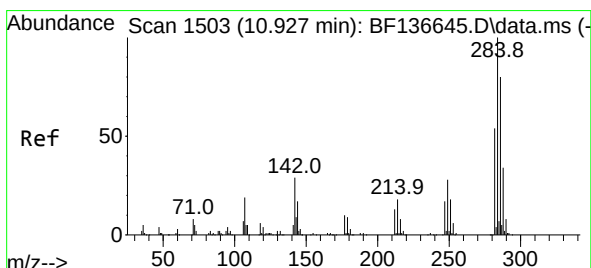
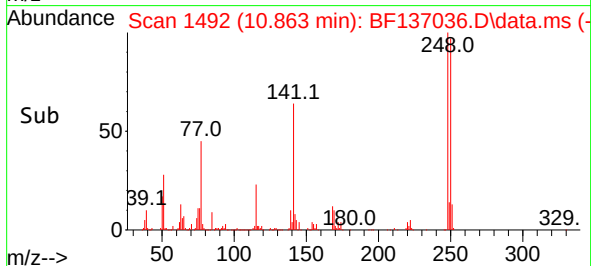
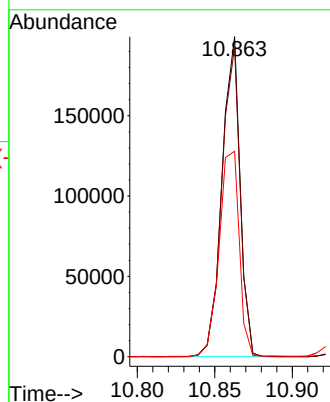
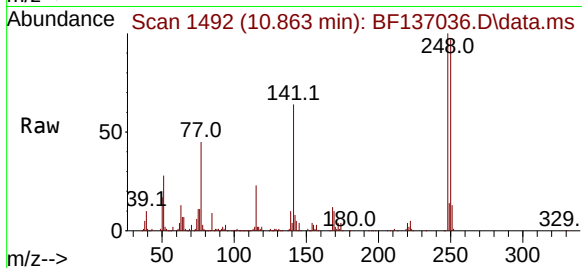




#67
4-Bromophenyl-phenylether
Concen: 39.108 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

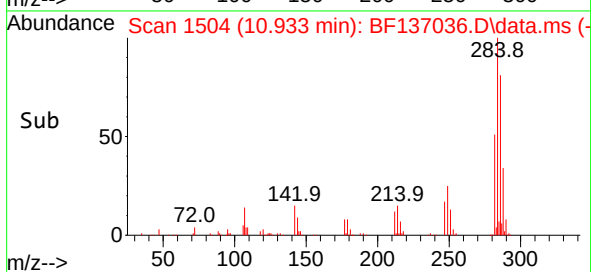
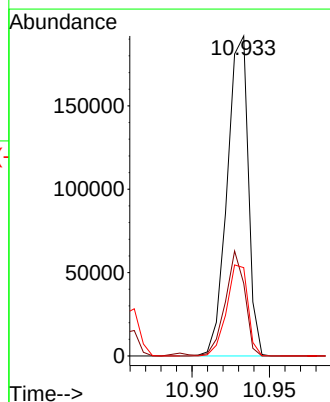
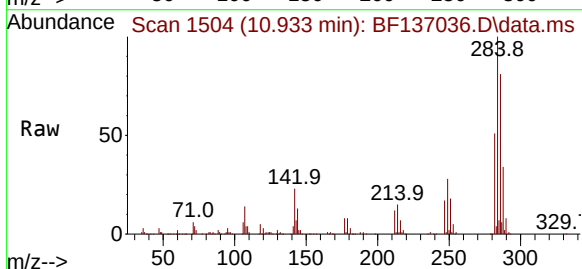
Instrument :
BNA_F
ClientSampleId :
PB158353BS

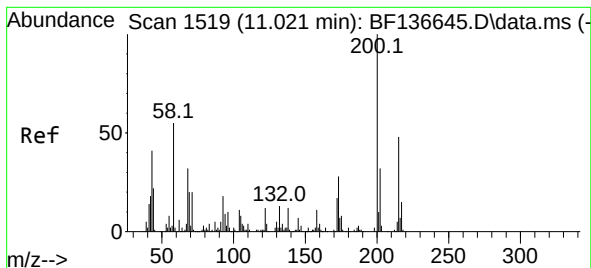
Tgt Ion:248 Resp: 161771
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 64.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.432 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:284 Resp: 181775
Ion Ratio Lower Upper
284 100
142 22.7 23.4 35.0#
249 27.6 22.3 33.5





#69

Atrazine

Concen: 37.768 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

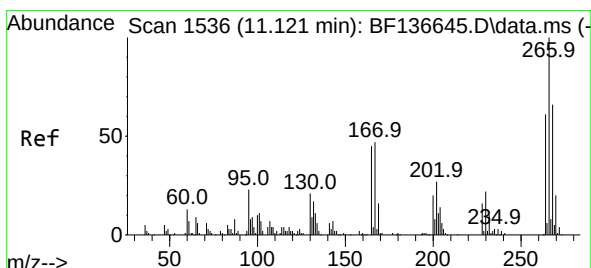
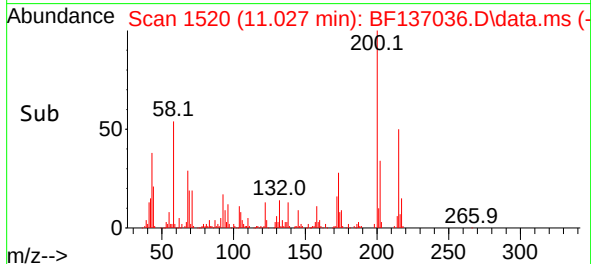
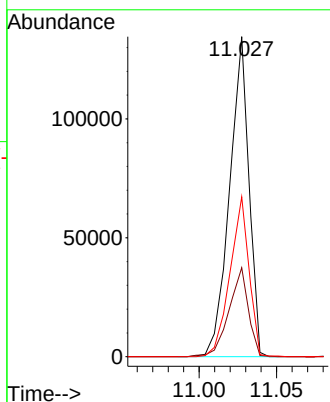
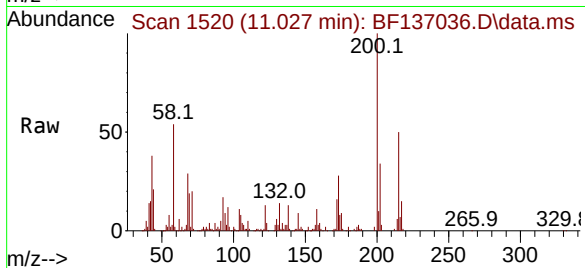
Tgt Ion:200 Resp: 116882

Ion Ratio Lower Upper

200 100

173 27.8 7.6 47.6

215 50.0 28.3 68.3



#70

Pentachlorophenol

Concen: 59.321 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

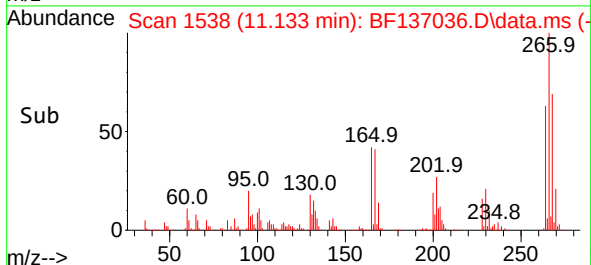
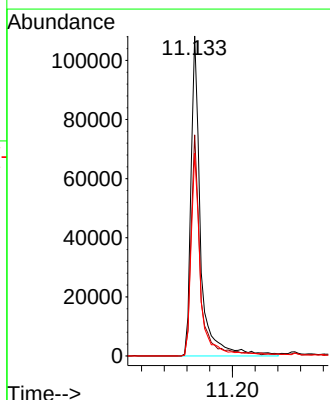
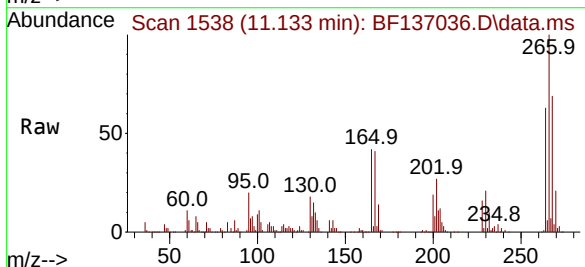
Tgt Ion:266 Resp: 127463

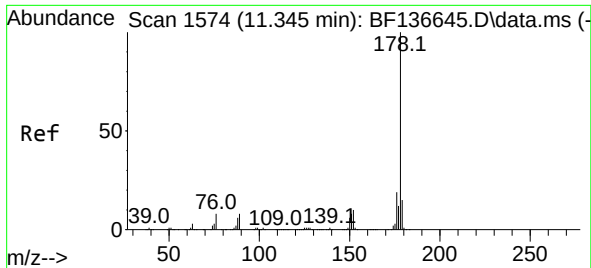
Ion Ratio Lower Upper

266 100

268 69.1 52.6 78.8

264 63.3 49.0 73.4

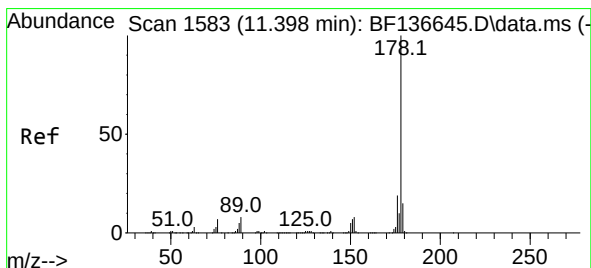
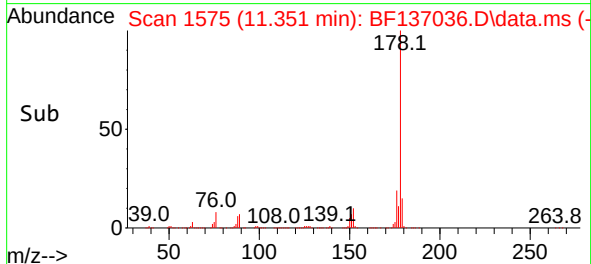
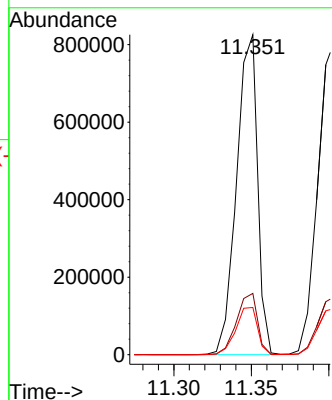
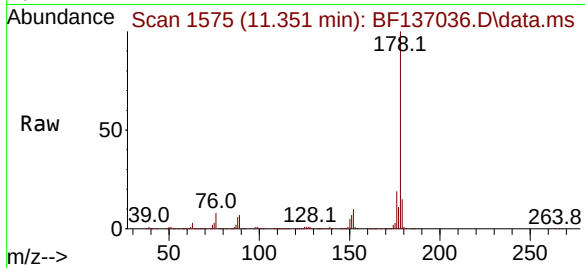




#71
Phenanthrene
Concen: 40.709 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

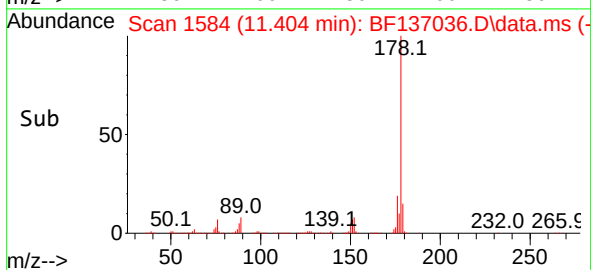
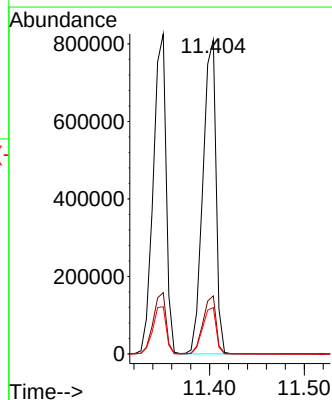
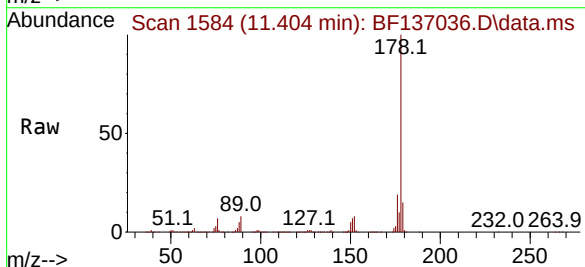
Instrument :
BNA_F
ClientSampleId :
PB158353BS

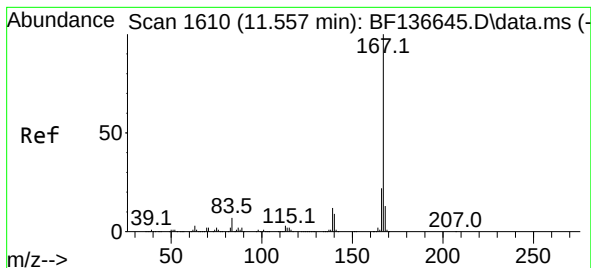
Tgt Ion:178 Resp: 778014
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.8 11.9 17.9



#72
Anthracene
Concen: 40.135 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:178 Resp: 776806
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 14.8 11.8 17.6





#73

Carbazole

Concen: 38.718 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

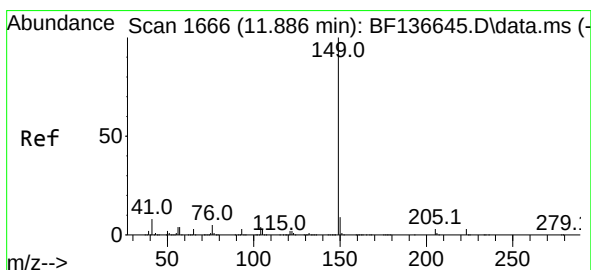
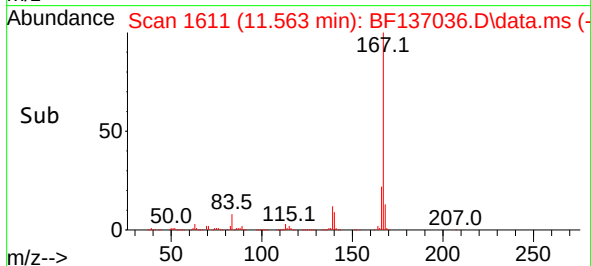
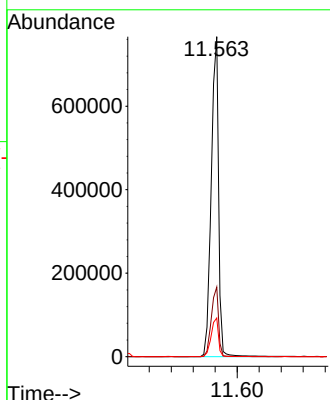
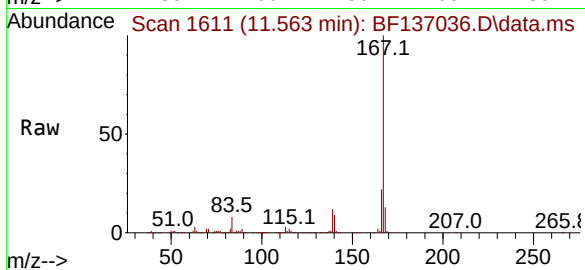
Tgt Ion:167 Resp: 706527

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.072 ng

RT: 11.886 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

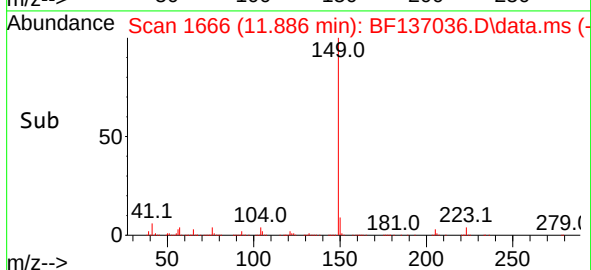
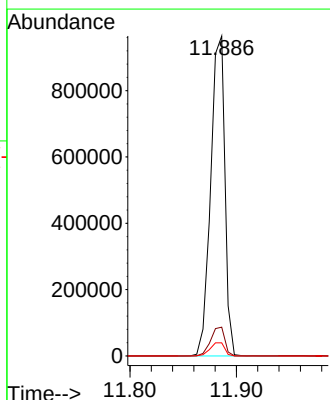
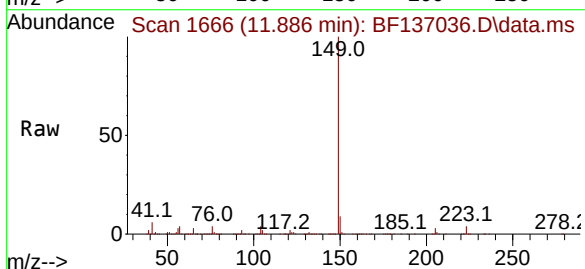
Tgt Ion:149 Resp: 892299

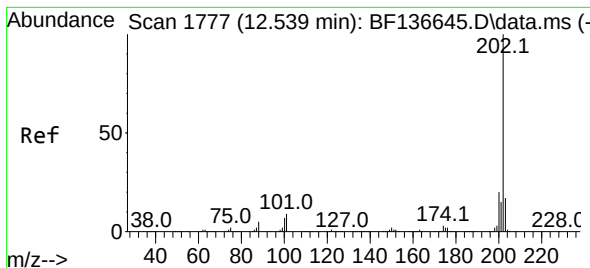
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.1 3.6 5.4





#75

Fluoranthene

Concen: 37.886 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

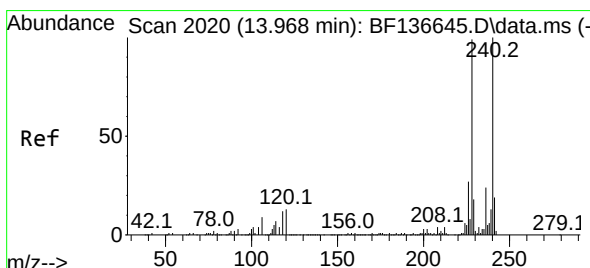
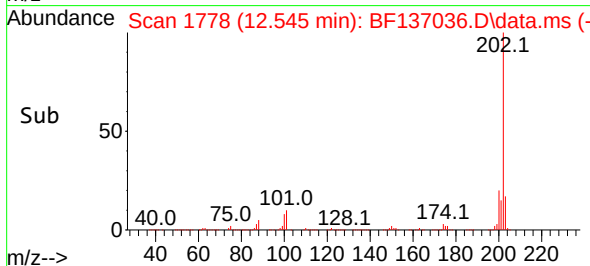
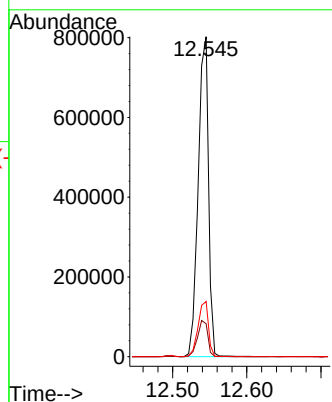
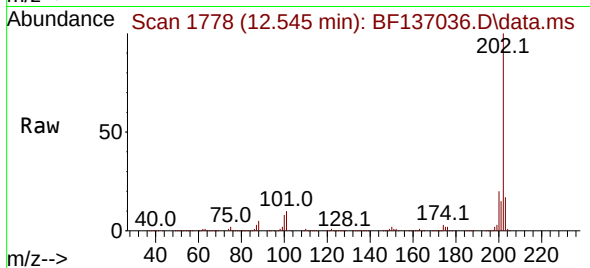
Tgt Ion:202 Resp: 774500

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

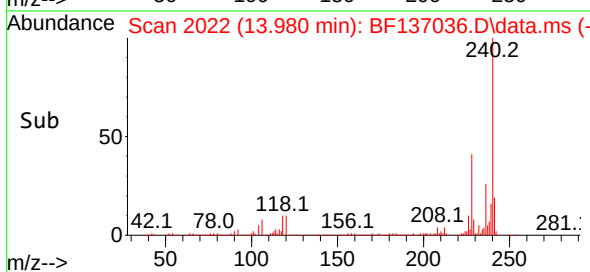
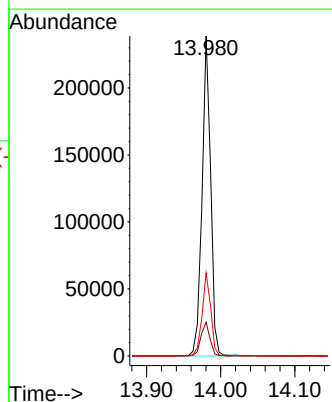
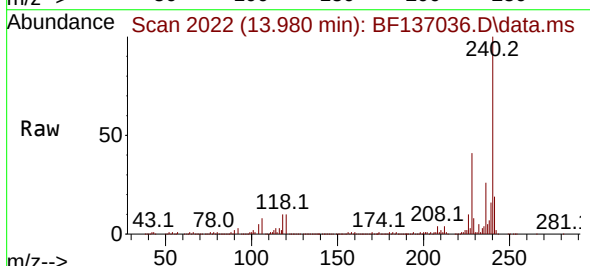
Tgt Ion:240 Resp: 192176

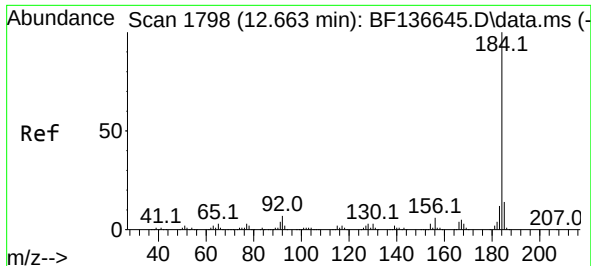
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

236 25.9 19.4 29.2

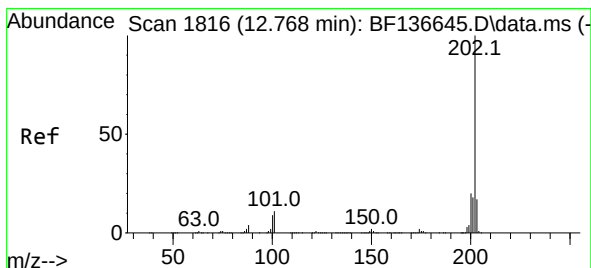
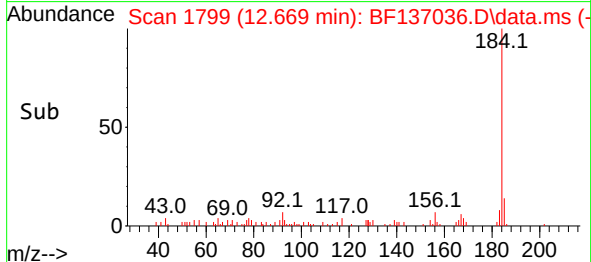
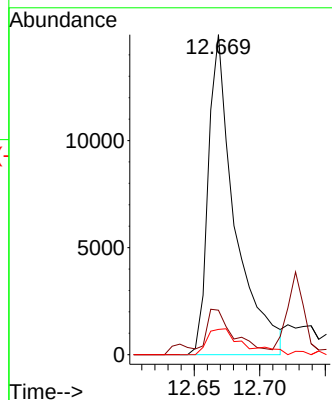
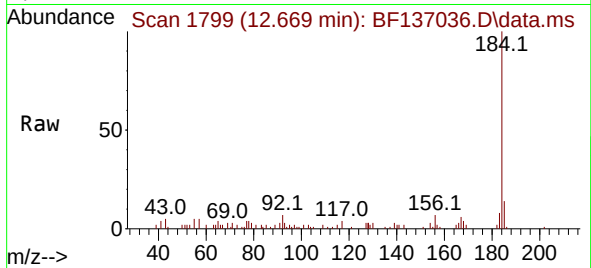




#77
Benzidine
Concen: 3.717 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

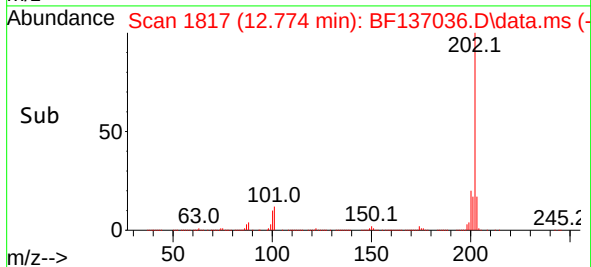
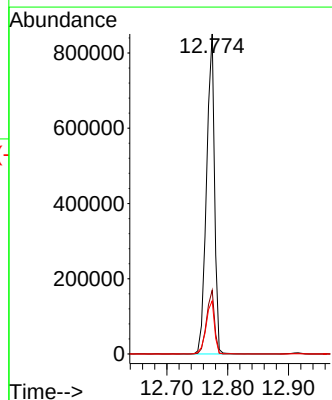
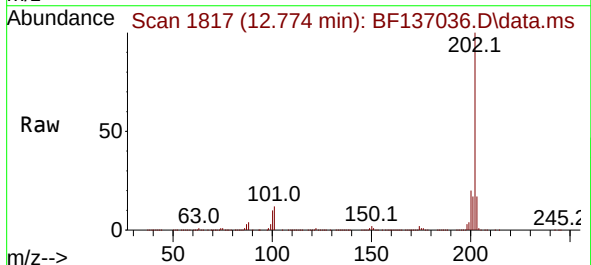
Instrument :
BNA_F
ClientSampleId :
PB158353BS

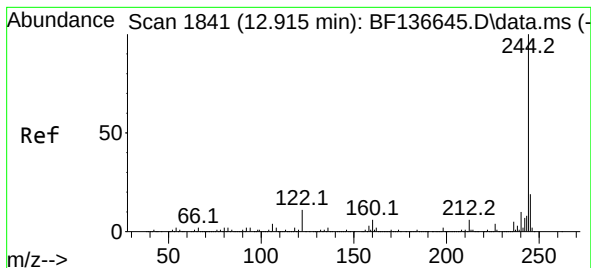
Tgt Ion:184 Resp: 21064
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 7.9 9.3 13.9#



#78
Pyrene
Concen: 41.077 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:202 Resp: 774931
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 16.6 13.8 20.6





#79

Terphenyl-d14

Concen: 77.699 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

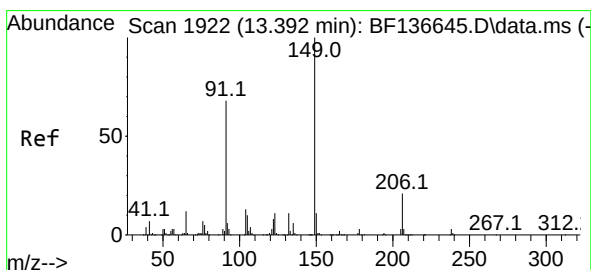
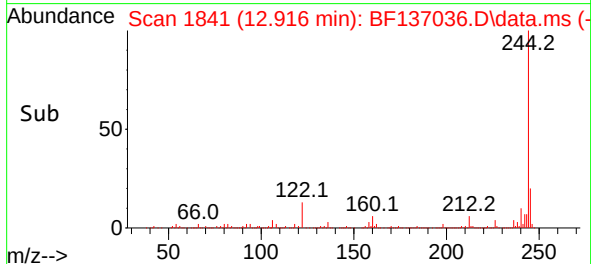
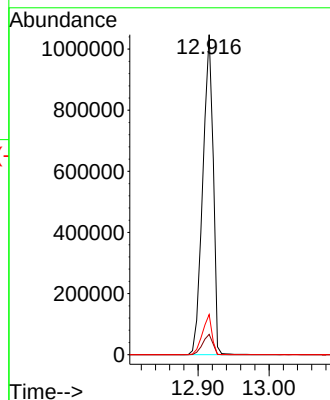
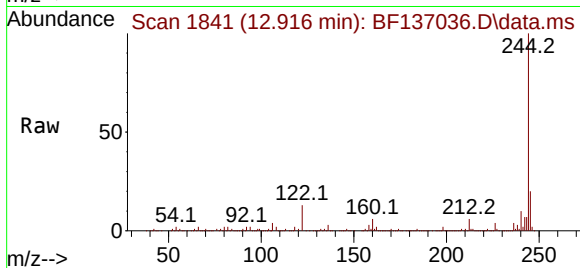
Tgt Ion:244 Resp: 1068502

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.030 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

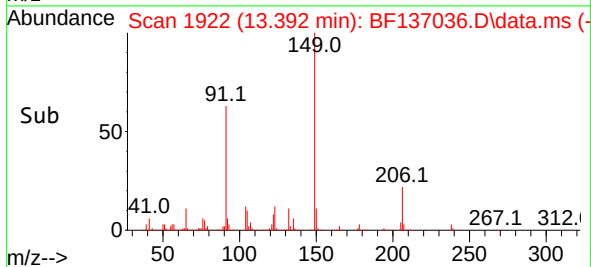
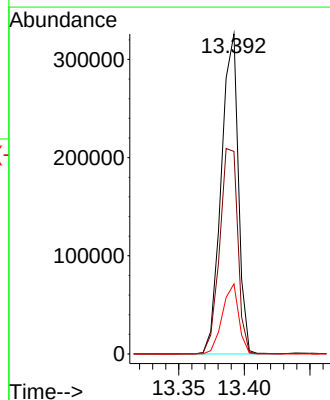
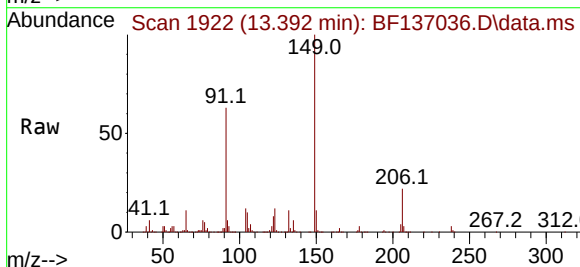
Tgt Ion:149 Resp: 295378

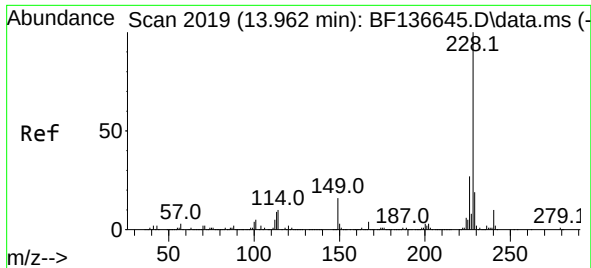
Ion Ratio Lower Upper

149 100

91 63.3 54.1 81.1

206 21.9 17.1 25.7

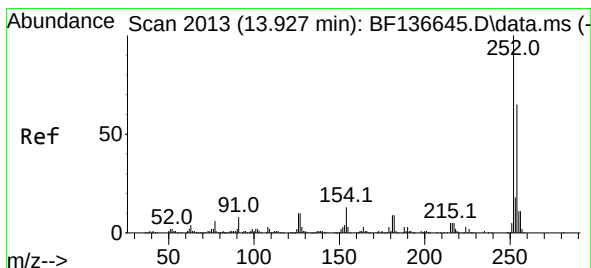
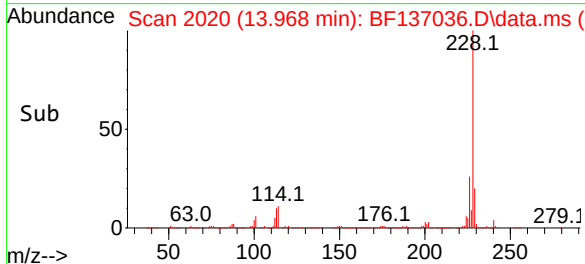
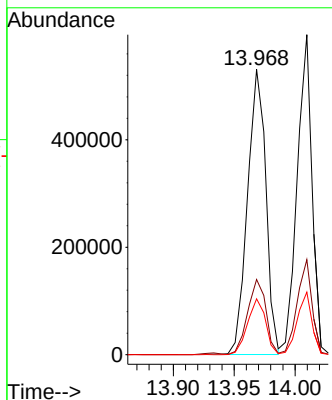
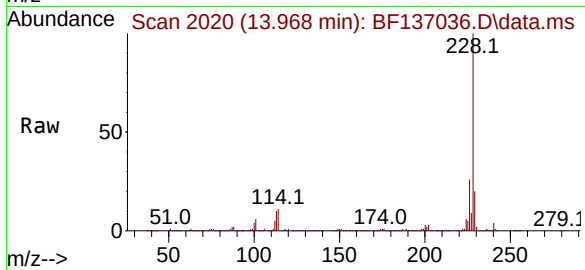




#81
Benzo(a)anthracene
Concen: 41.717 ng
RT: 13.968 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

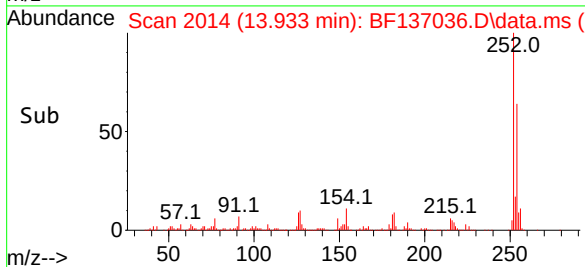
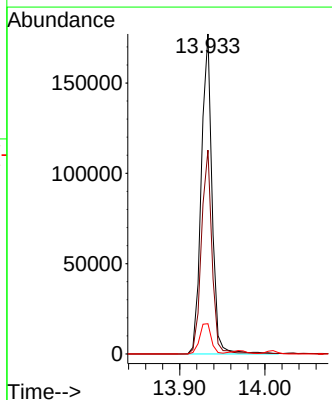
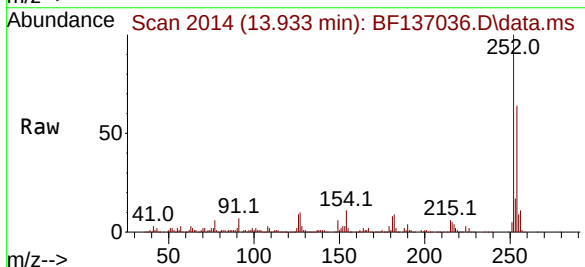
Instrument :
BNA_F
ClientSampleId :
PB158353BS

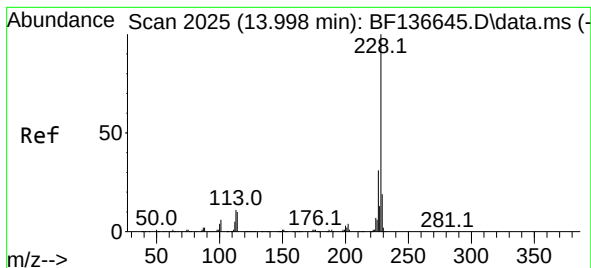
Tgt Ion:228 Resp: 556691
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.6 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 41.067 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:252 Resp: 155634
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.4
126 9.5 8.0 12.0





#83

Chrysene

Concen: 38.996 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

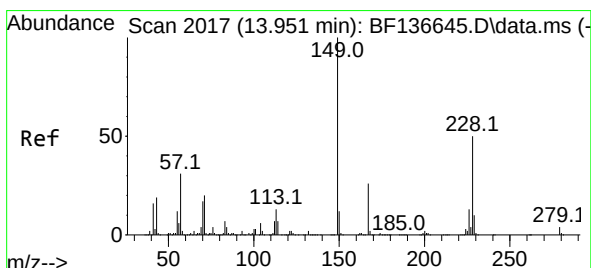
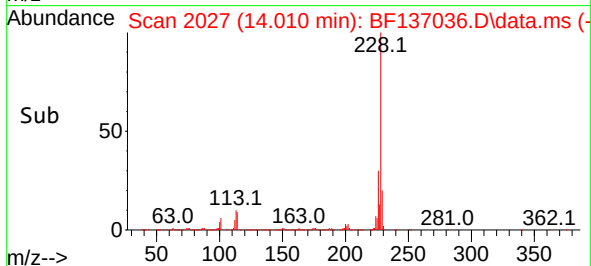
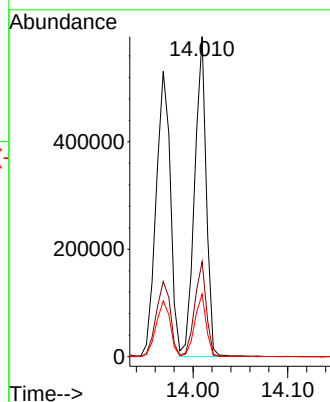
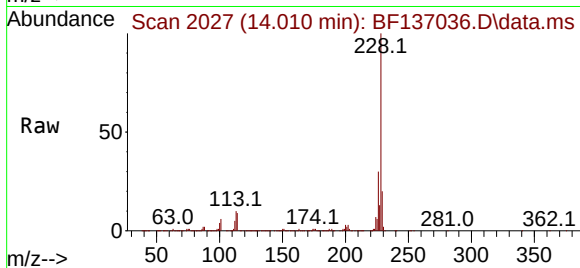
Tgt Ion:228 Resp: 508876

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.336 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

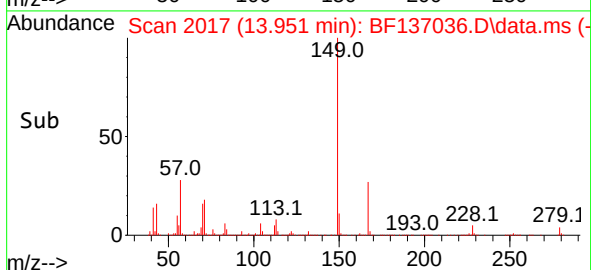
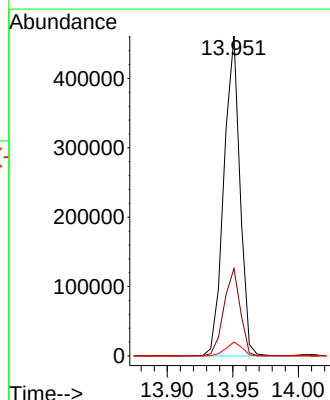
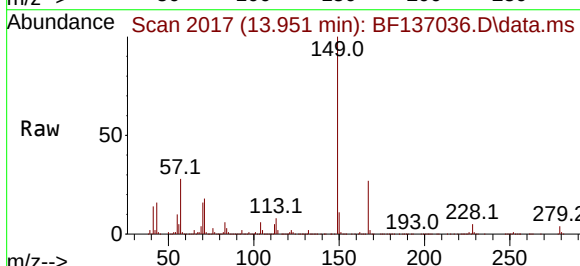
Tgt Ion:149 Resp: 391557

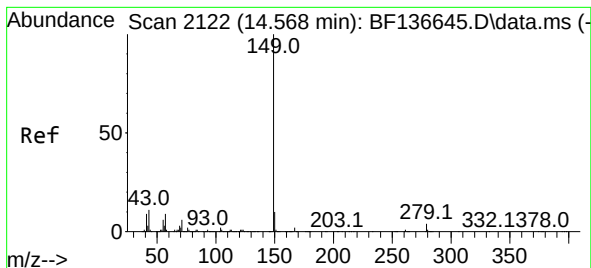
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 43.944 ng

RT: 14.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

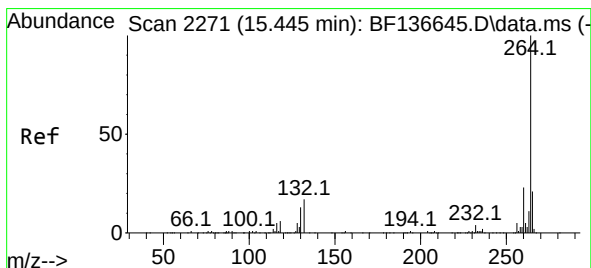
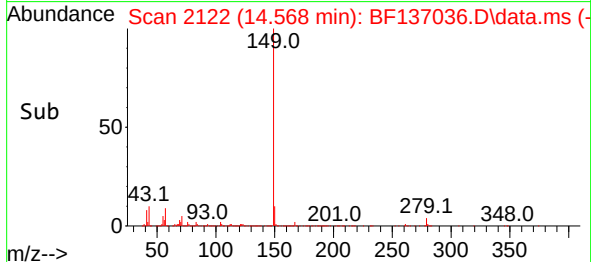
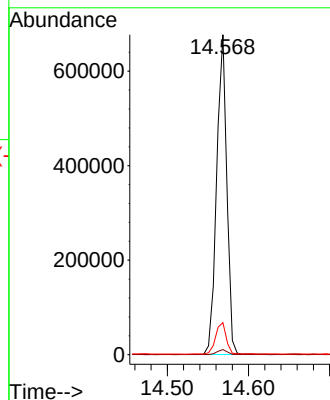
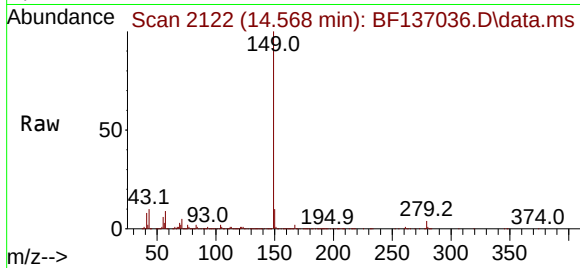
Tgt Ion:149 Resp: 587089

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.024 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

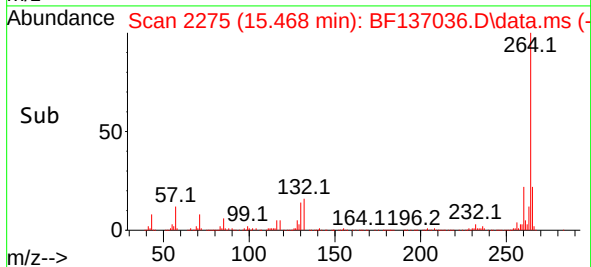
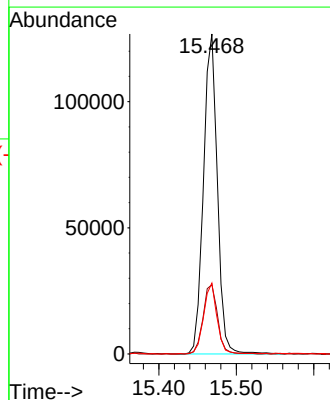
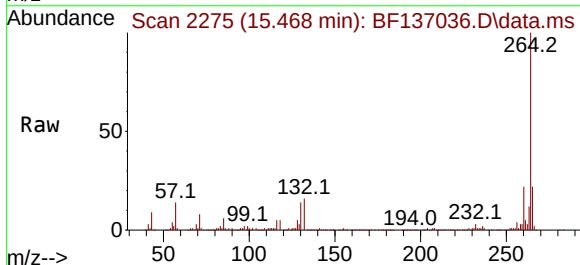
Tgt Ion:264 Resp: 157464

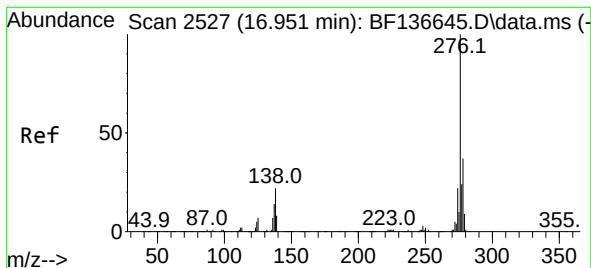
Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.621 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB158353BS

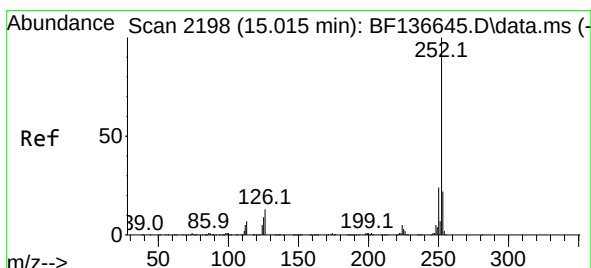
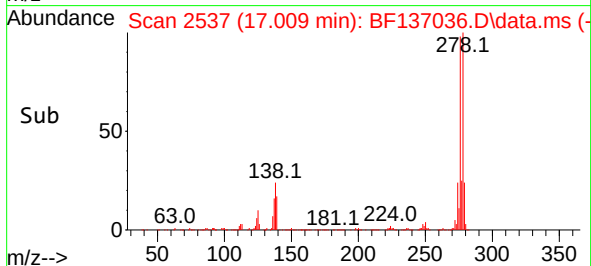
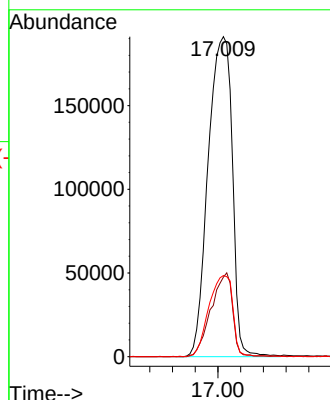
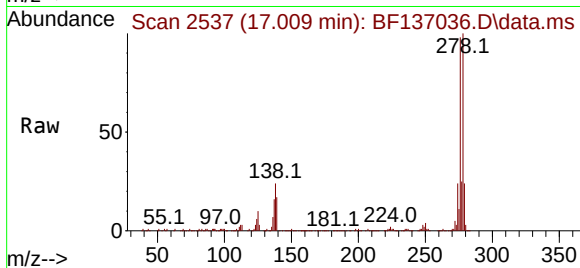
Tgt Ion:276 Resp: 564148

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.495 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.018 min

Lab File: BF137036.D

Acq: 11 Jan 2024 13:44

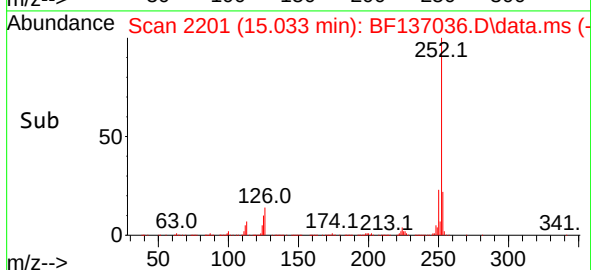
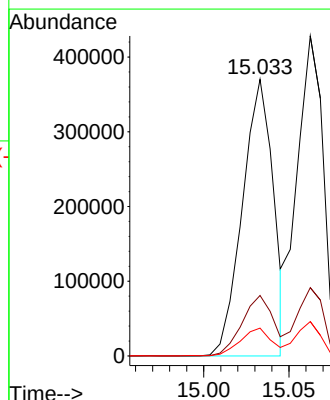
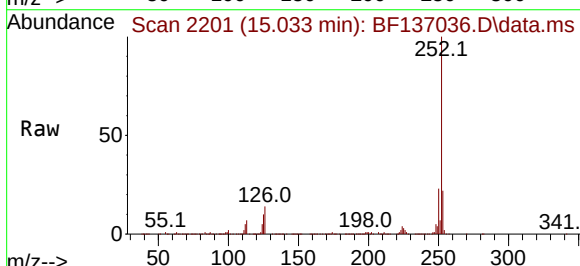
Tgt Ion:252 Resp: 467956

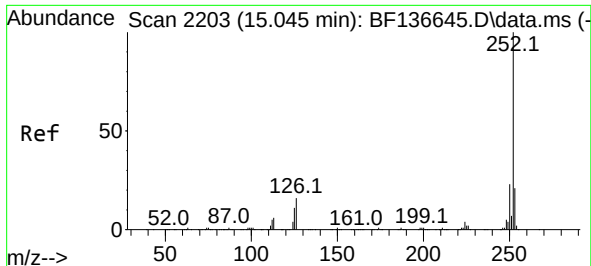
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.1 7.4 11.2

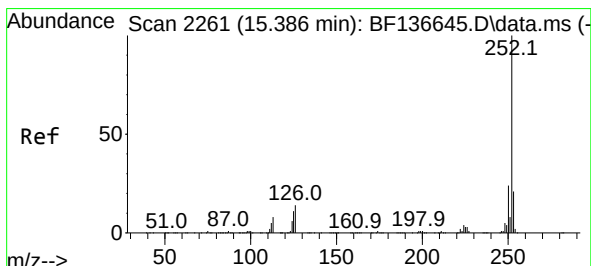
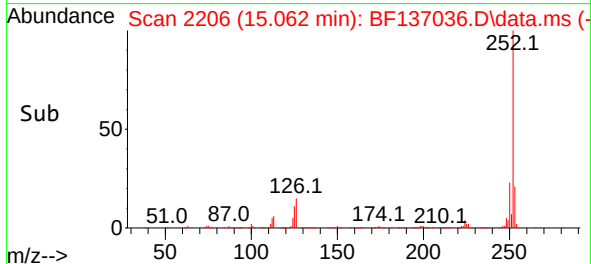
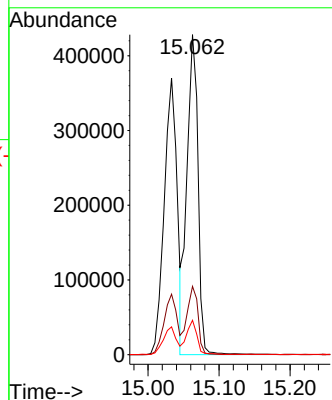
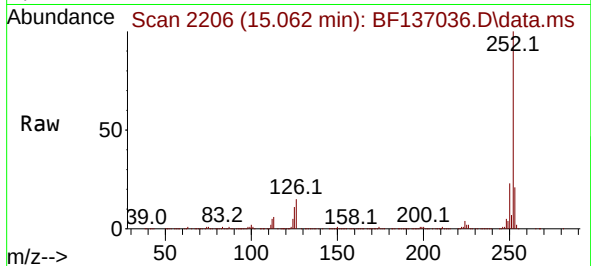




#89
Benzo(k)fluoranthene
Concen: 46.568 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

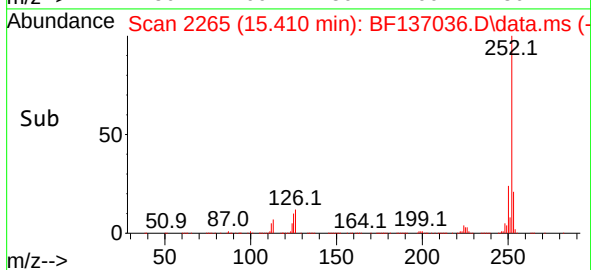
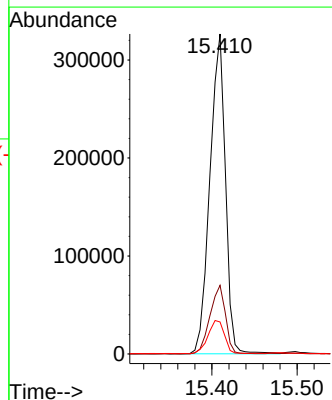
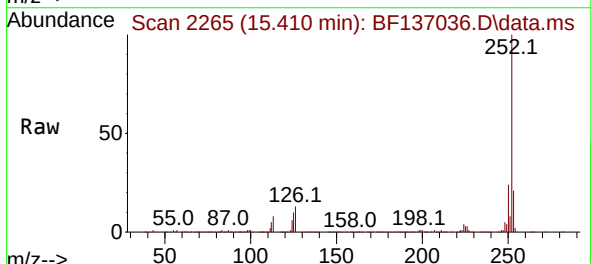
Instrument :
BNA_F
ClientSampleId :
PB158353BS

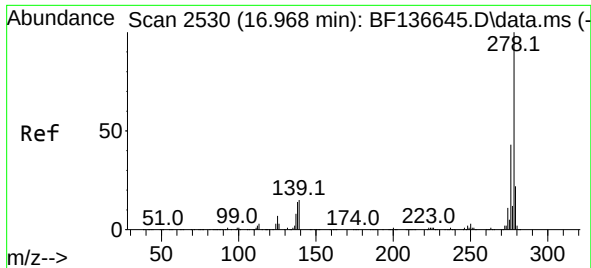
Tgt Ion:252 Resp: 462783
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.498 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.024 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:252 Resp: 412787
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.0 8.8 13.2

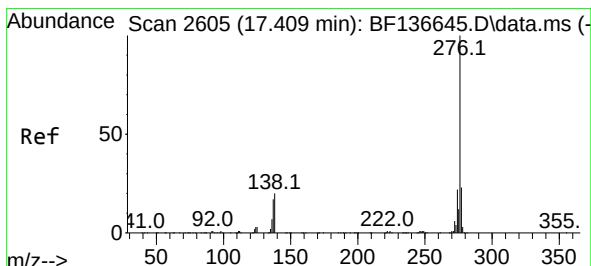
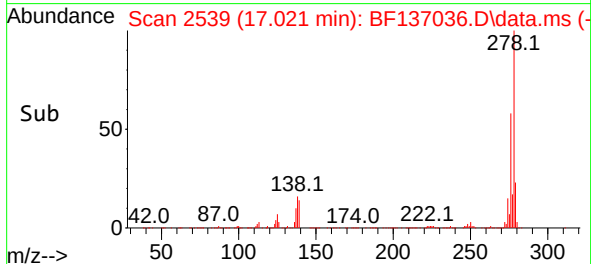
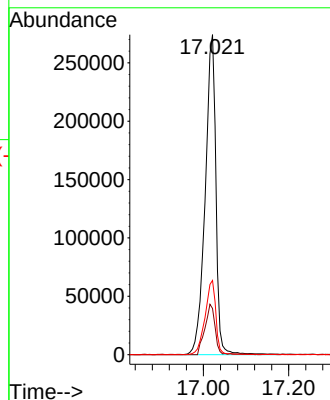
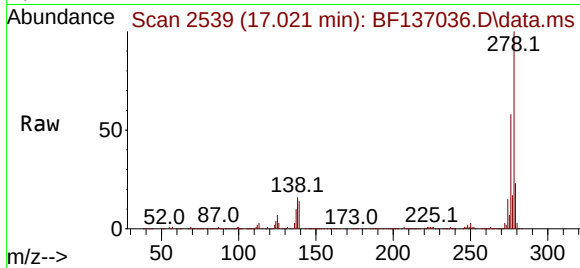




#91
Dibenzo(a,h)anthracene
Concen: 51.280 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB158353BS

Tgt Ion:278 Resp: 478298
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 23.2 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 49.996 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.059 min
Lab File: BF137036.D
Acq: 11 Jan 2024 13:44

Tgt Ion:276 Resp: 477610
Ion Ratio Lower Upper
276 100
277 23.3 18.3 27.5
138 19.2 15.6 23.4

