

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136870.D
 Acq On : 02 Jan 2024 14:32
 Operator : CG\JU
 Sample : 06015-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2MSD

Quant Time: Jan 02 14:50:33 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	6.781	152	59637	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	224131	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	113877	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	209369	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	116077	20.000	ng	0.00
86) Perylene-d12	15.439	264	125293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	468991	122.702	ng	0.00
7) Phenol-d6	6.434	99	549306	110.912	ng	0.00
23) Nitrobenzene-d5	7.345	82	391483	89.379	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	187753	139.993	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	780831	92.223	ng	-0.01
79) Terphenyl-d14	12.904	244	795657	95.790	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	56478	35.464	ng	# 80
3) Pyridine	3.405	79	101601	26.148	ng	96
4) n-Nitrosodimethylamine	3.334	42	77661	37.427	ng	96
6) Aniline	6.451	93	128123	25.875	ng	# 48
8) 2-Chlorophenol	6.575	128	178771	42.740	ng	95
9) Benzaldehyde	6.340	77	14681	5.211	ng	95
10) Phenol	6.446	94	196490	37.165	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	168074	41.802	ng	98
12) 1,3-Dichlorobenzene	6.722	146	169043	37.047	ng	98
13) 1,4-Dichlorobenzene	6.798	146	174228	37.370	ng	99
14) 1,2-Dichlorobenzene	6.951	146	166778	38.443	ng	98
15) Benzyl Alcohol	6.928	79	150442	45.026	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	263102	40.025	ng	88
17) 2-Methylphenol	7.045	107	141938	40.962	ng	97
18) Hexachloroethane	7.287	117	59758	35.293	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	127160	42.355	ng	94
20) 3+4-Methylphenols	7.198	107	180910	41.790	ng	# 72
22) Acetophenone	7.192	105	256637	45.683	ng	# 91
24) Nitrobenzene	7.363	77	182541	41.603	ng	99
25) Isophorone	7.604	82	349919	43.905	ng	99
26) 2-Nitrophenol	7.681	139	93219	44.406	ng	99
27) 2,4-Dimethylphenol	7.722	122	144068	56.371	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	217494	44.895	ng	100
29) 2,4-Dichlorophenol	7.922	162	153805	46.746	ng	97
30) 1,2,4-Trichlorobenzene	7.998	180	150322	41.005	ng	97
31) Naphthalene	8.081	128	519852	42.219	ng	99
32) Benzoic acid	7.857	122	110561	44.710	ng	97
33) 4-Chloroaniline	8.134	127	38392	8.445	ng	96
34) Hexachlorobutadiene	8.192	225	87348	39.217	ng	99
35) Caprolactam	8.504	113	32195	29.661	ng	88
36) 4-Chloro-3-methylphenol	8.628	107	169516	45.764	ng	98
37) 2-Methylnaphthalene	8.769	142	342581	43.231	ng	100
38) 1-Methylnaphthalene	8.869	142	332588	42.779	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	170344	48.301	ng	99
41) Hexachlorocyclopentadiene	8.922	237	120888	105.822	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	112966	49.946	ng	98

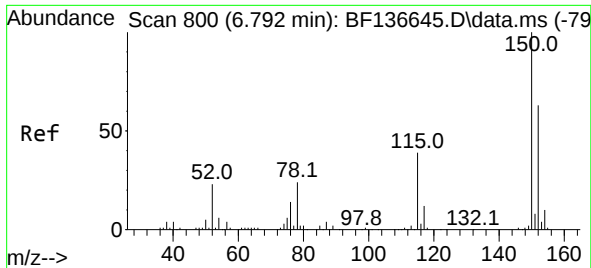
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	119538	47.428	ng	96
46) 1,1'-Biphenyl	9.239	154	461248	48.268	ng	99
47) 2-Chloronaphthalene	9.263	162	330681	45.519	ng	99
48) 2-Nitroaniline	9.369	65	105495	46.373	ng	87
49) Acenaphthylene	9.681	152	563943	50.788	ng	99
50) Dimethylphthalate	9.545	163	401026	48.213	ng	99
51) 2,6-Dinitrotoluene	9.610	165	88386	46.821	ng	97
52) Acenaphthene	9.851	154	315821	45.884	ng	99
53) 3-Nitroaniline	9.781	138	56797	28.403	ng	86
54) 2,4-Dinitrophenol	9.892	184	97406	92.490	ng	# 88
55) Dibenzofuran	10.022	168	490136	46.976	ng	100
56) 4-Nitrophenol	9.957	139	108867	80.646	ng	96
57) 2,4-Dinitrotoluene	10.016	165	111377	45.448	ng	99
58) Fluorene	10.369	166	398409	48.124	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	99651	51.363	ng	98
60) Diethylphthalate	10.245	149	403532	46.758	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	188167	46.760	ng	99
62) 4-Nitroaniline	10.398	138	86987	45.123	ng	93
63) Azobenzene	10.522	77	369286	45.813	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	57898	48.253	ng	89
66) n-Nitrosodiphenylamine	10.481	169	349634	51.407	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	114903	49.416	ng	97
68) Hexachlorobenzene	10.916	284	128012	49.402	ng	100
69) Atrazine	11.016	200	98908	56.858	ng	98
70) Pentachlorophenol	11.116	266	121672	100.738	ng	99
71) Phenanthrene	11.333	178	544148	50.652	ng	99
72) Anthracene	11.386	178	552634	50.795	ng	99
73) Carbazole	11.545	167	500819	48.825	ng	100
74) Di-n-butylphthalate	11.875	149	618615	49.423	ng	99
75) Fluoranthene	12.527	202	538850	46.893	ng	98
77) Benzidine	12.657	184	60617	17.711	ng	97
78) Pyrene	12.757	202	544884	47.818	ng	100
80) Butylbenzylphthalate	13.380	149	204042	49.211	ng	99
81) Benzo(a)anthracene	13.951	228	396072	49.139	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	103830	45.360	ng	# 99
83) Chrysene	13.992	228	376259	47.736	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	279044	53.490	ng	100
85) Di-n-octyl phthalate	14.557	149	435997	54.030	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	485201	53.635	ng	100
88) Benzo(b)fluoranthene	15.010	252	368754	44.065	ng	99
89) Benzo(k)fluoranthene	15.039	252	347544	43.952	ng	99
90) Benzo(a)pyrene	15.380	252	331915	46.988	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	396862	53.474	ng	98
92) Benzo(g,h,i)perylene	17.404	276	399002	52.491	ng	99

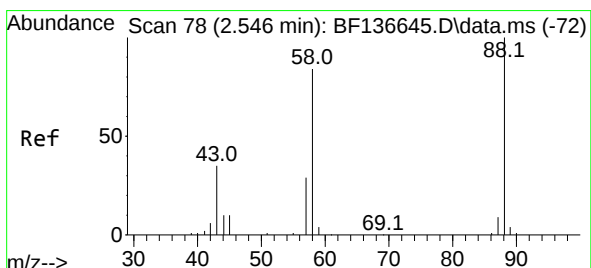
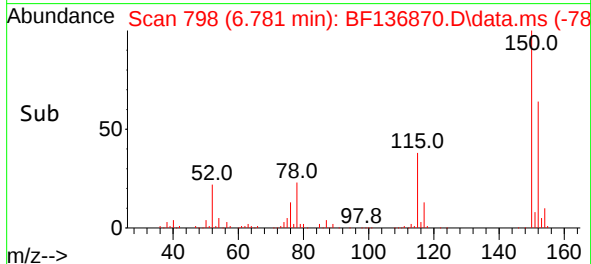
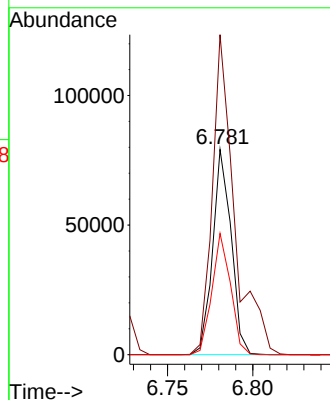
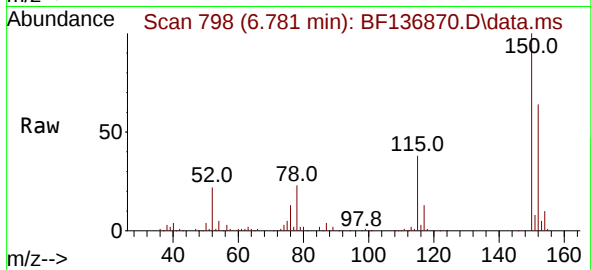
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136870.D
 Acq: 02 Jan 2024 14:32

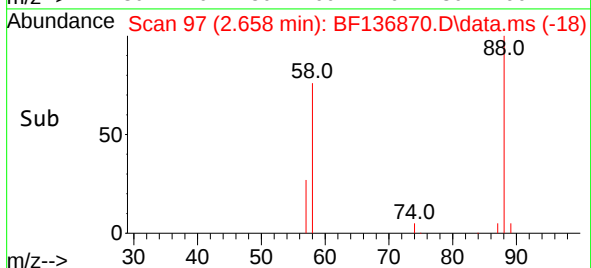
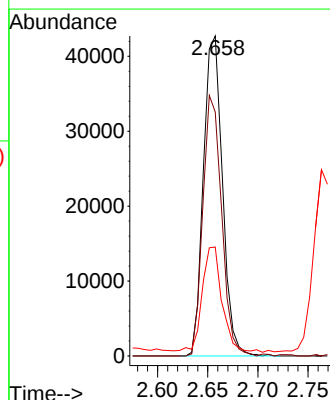
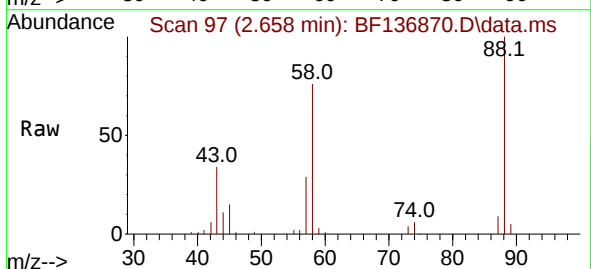
Instrument :
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 ClientSampleId :
 MR-317-0-2MSD

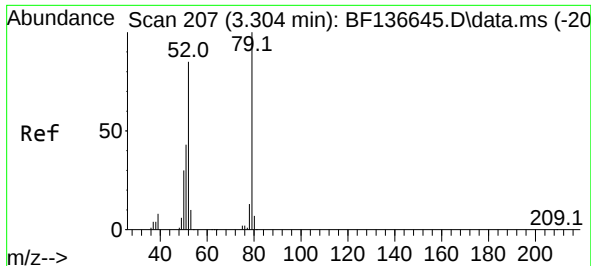
Tgt Ion:152 Resp: 59637
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.0 190.6
 115 59.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 35.464 ng
 RT: 2.658 min Scan# 97
 Delta R.T. 0.112 min
 Lab File: BF136870.D
 Acq: 02 Jan 2024 14:32

Tgt Ion: 88 Resp: 56478
 Ion Ratio Lower Upper
 88 100
 58 80.3 67.4 101.0
 43 0.0 27.7 41.5

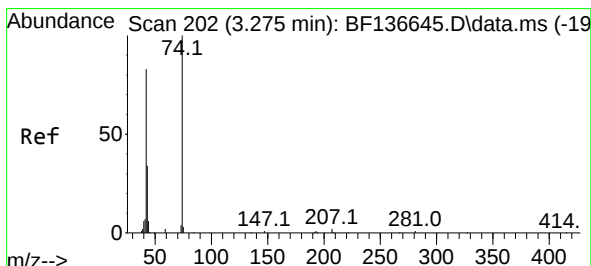
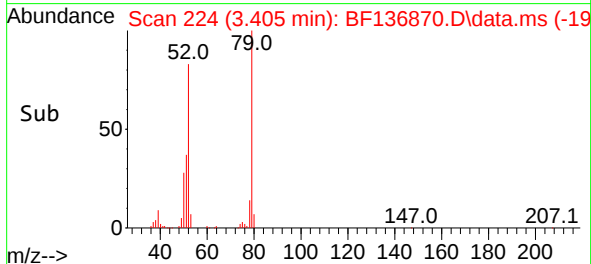
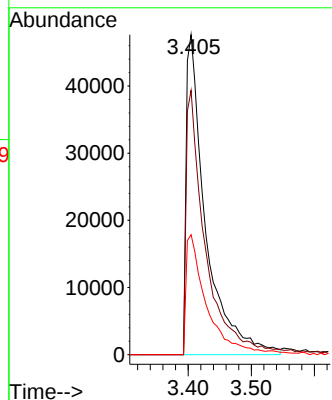
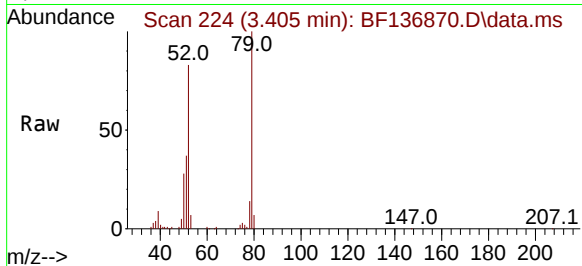




#3
Pyridine
Concen: 26.148 ng
RT: 3.405 min Scan# 212
Delta R.T. 0.100 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

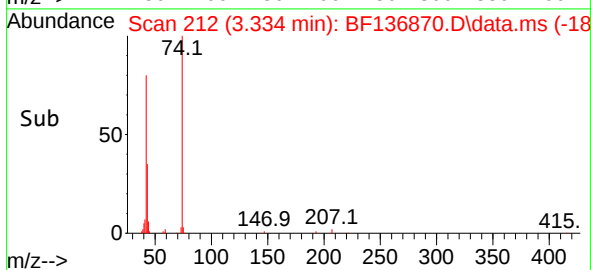
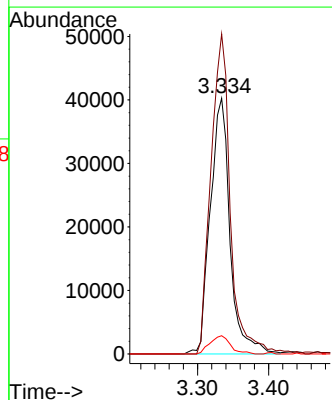
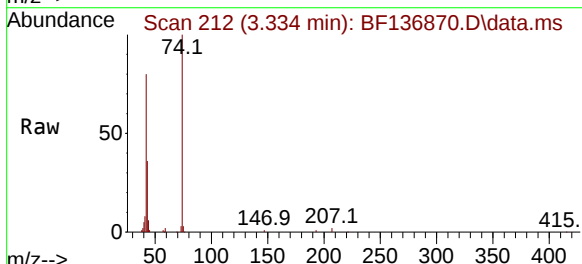
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

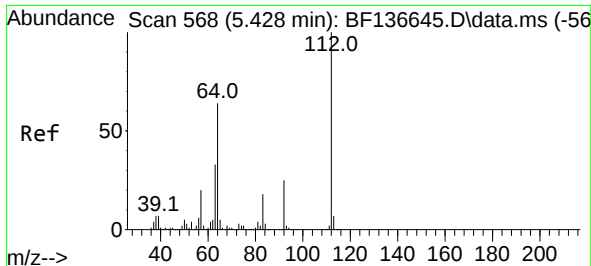
Tgt Ion: 79 Resp: 101601
Ion Ratio Lower Upper
79 100
52 82.6 67.7 101.5
51 37.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.427 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 42 Resp: 77661
Ion Ratio Lower Upper
42 100
74 125.2 96.0 144.0
44 7.2 5.4 8.2

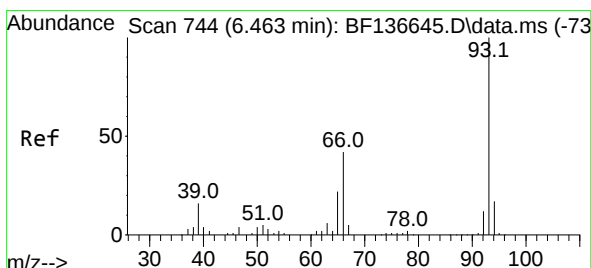
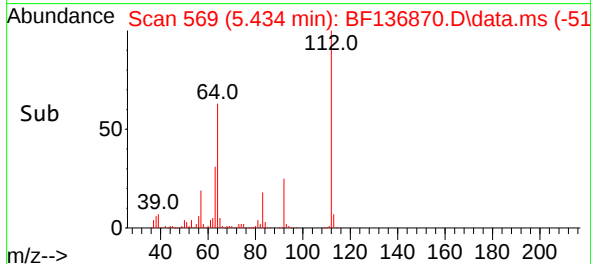
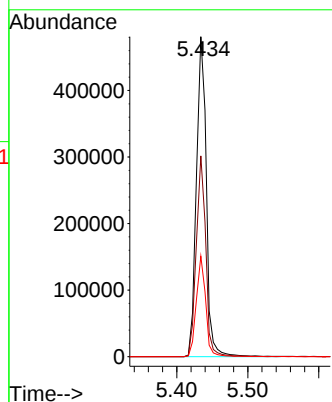
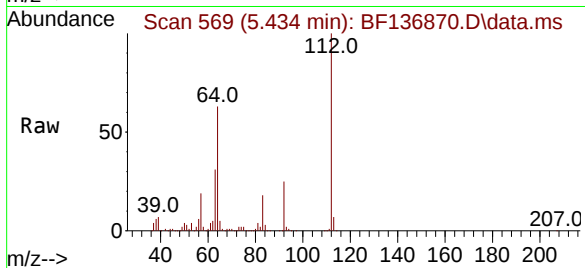




#5
2-Fluorophenol
Concen: 122.702 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

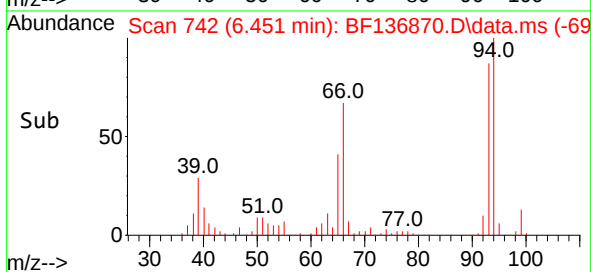
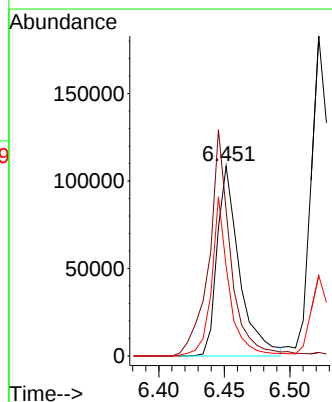
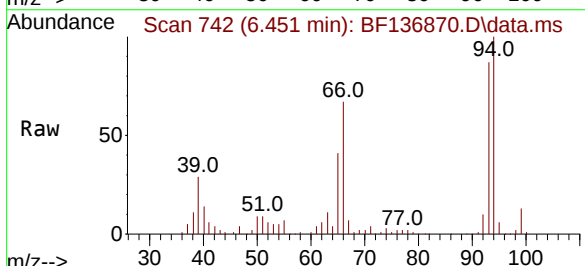
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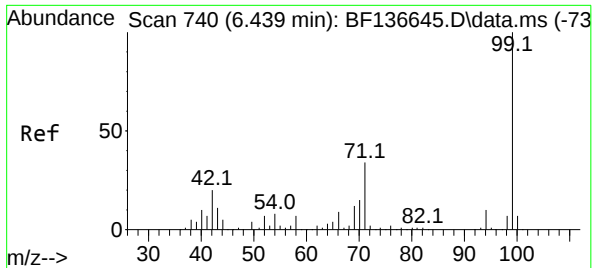
Tgt Ion:112 Resp: 468991
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 31.4 26.1 39.1



#6
Aniline
Concen: 25.875 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 93 Resp: 128123
Ion Ratio Lower Upper
93 100
66 76.7 34.6 51.8#
65 47.3 17.8 26.8#

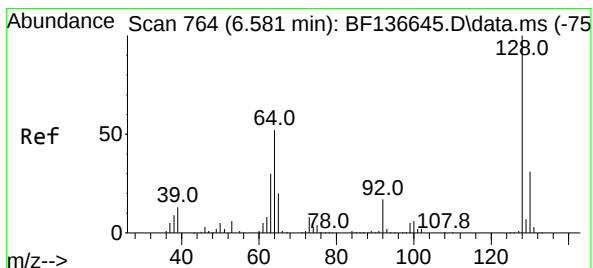
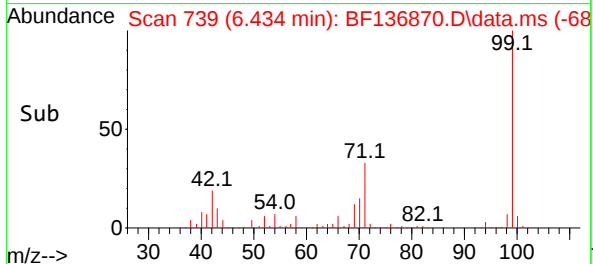
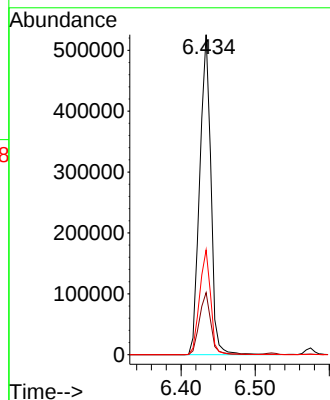
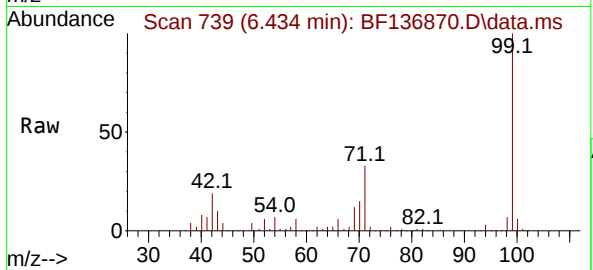




#7
Phenol-d6
Concen: 110.912 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

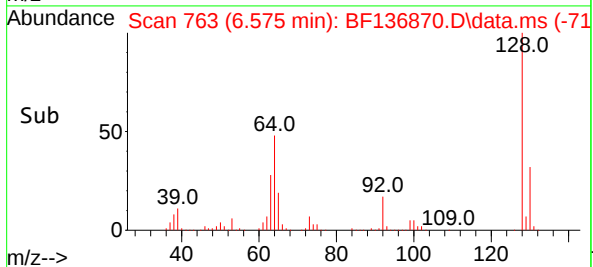
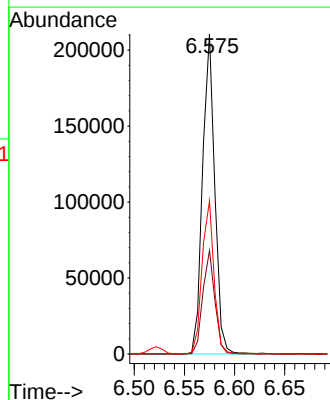
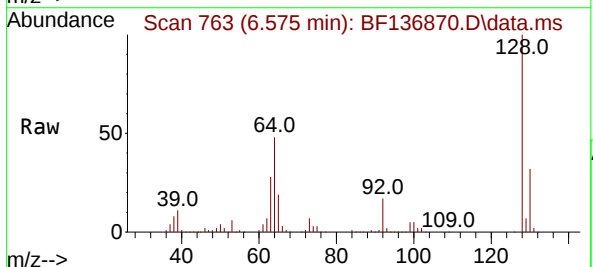
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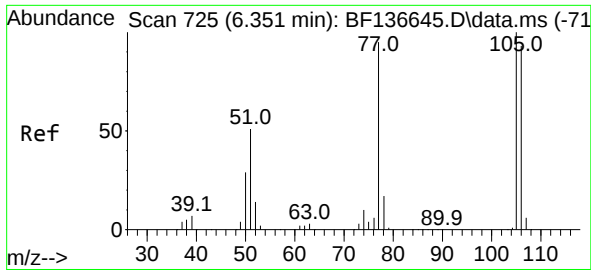
Tgt Ion: 99 Resp: 549306
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.8 27.4 41.2



#8
2-Chlorophenol
Concen: 42.740 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:128 Resp: 178771
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 47.8 32.5 72.5





#9

Benzaldehyde

Concen: 5.211 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

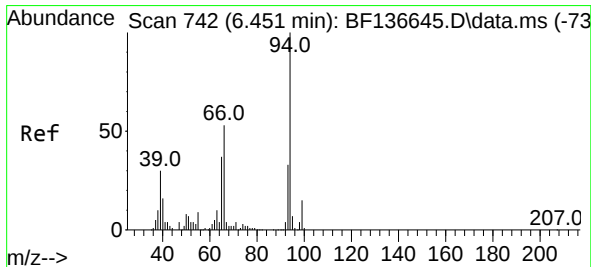
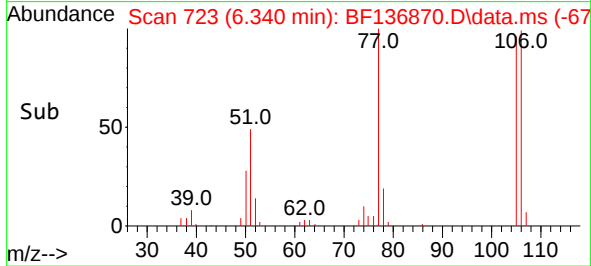
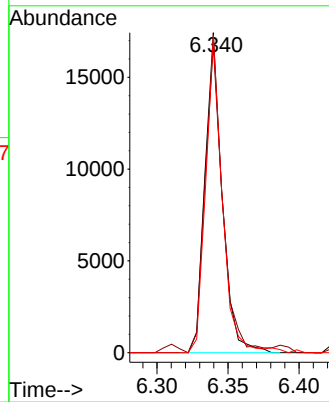
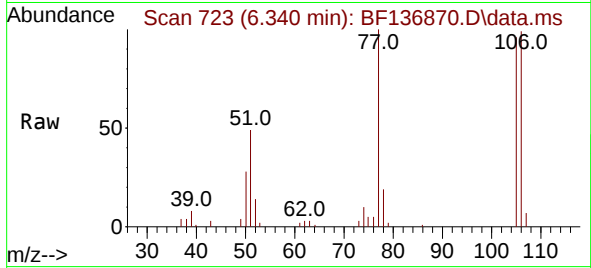
Tgt Ion: 77 Resp: 14681

Ion Ratio Lower Upper

77 100

105 96.0 84.8 124.8

106 99.1 77.8 117.8



#10

Phenol

Concen: 37.165 ng

RT: 6.446 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

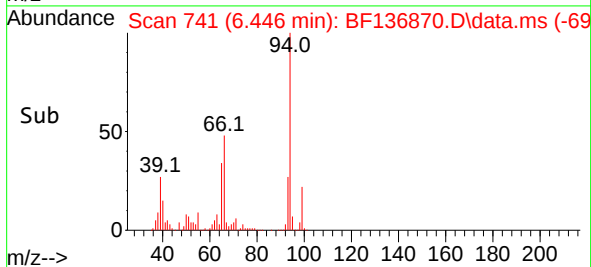
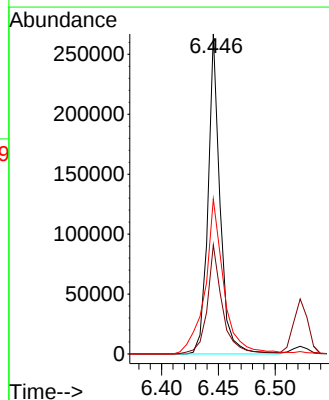
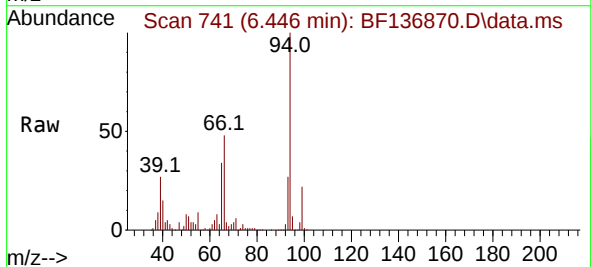
Tgt Ion: 94 Resp: 196490

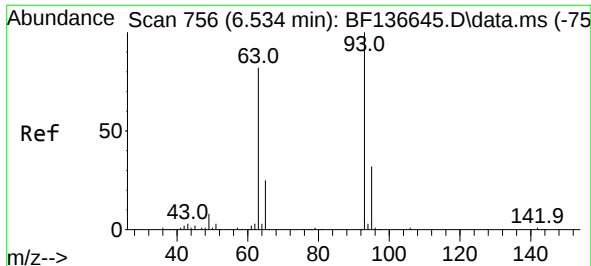
Ion Ratio Lower Upper

94 100

65 34.1 16.6 56.6

66 48.4 32.6 72.6

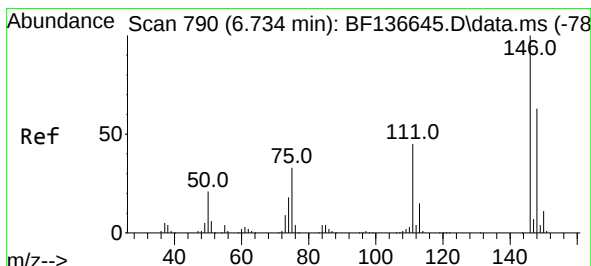
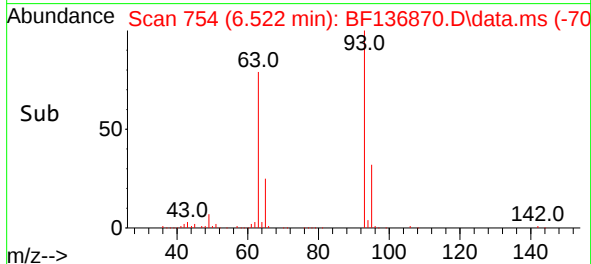
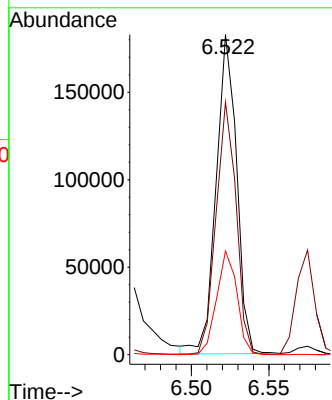
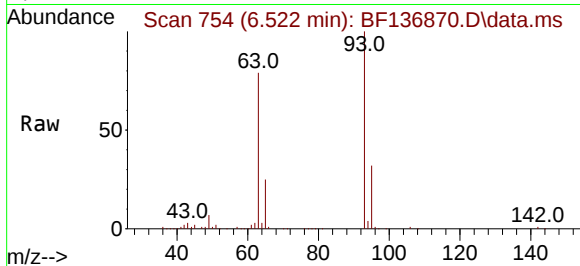




#11
bis(2-Chloroethyl)ether
Concen: 41.802 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

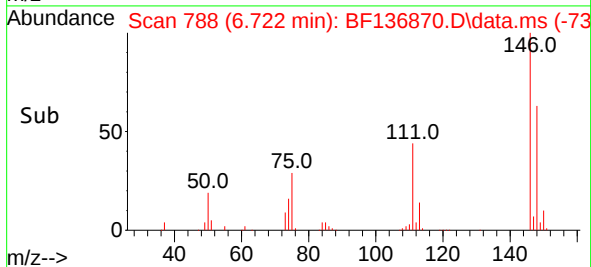
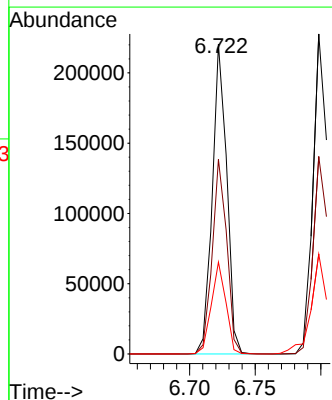
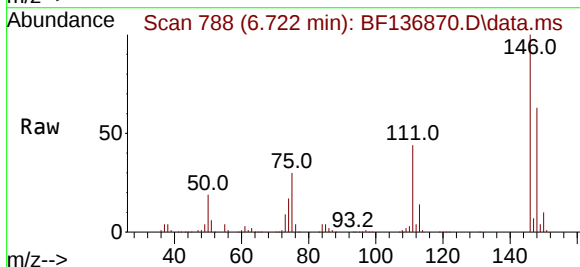
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

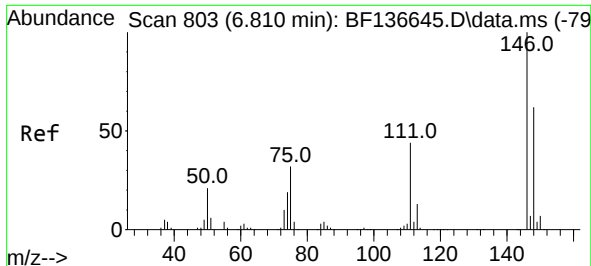
Tgt Ion: 93 Resp: 168074
Ion Ratio Lower Upper
93 100
63 78.9 61.2 101.2
95 32.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 37.047 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 146 Resp: 169043
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 29.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.370 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

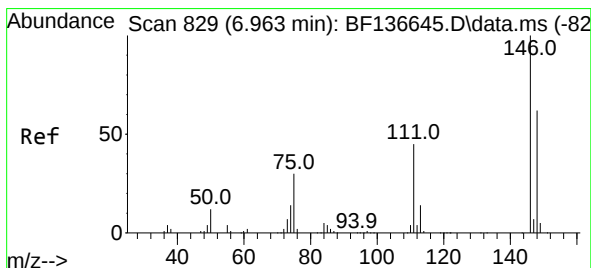
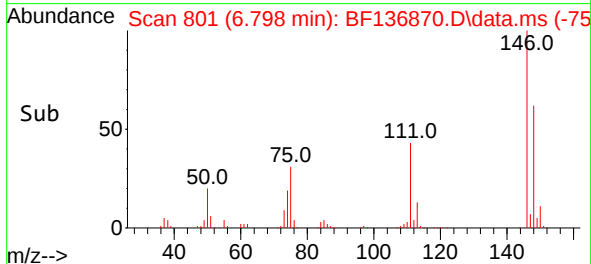
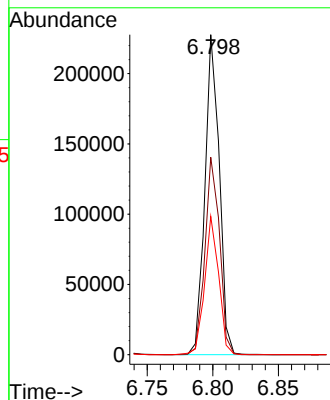
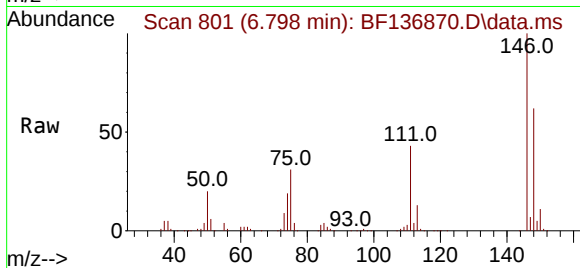
Tgt Ion:146 Resp: 174228

Ion Ratio Lower Upper

146 100

148 61.7 49.2 73.8

111 43.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.443 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

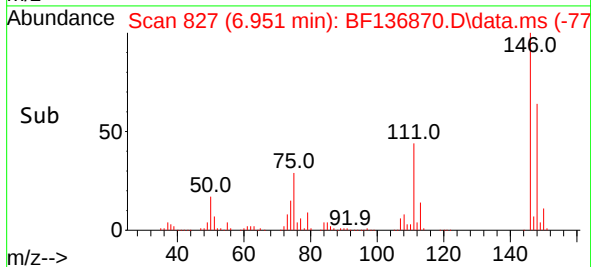
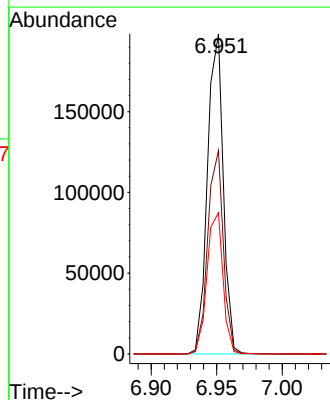
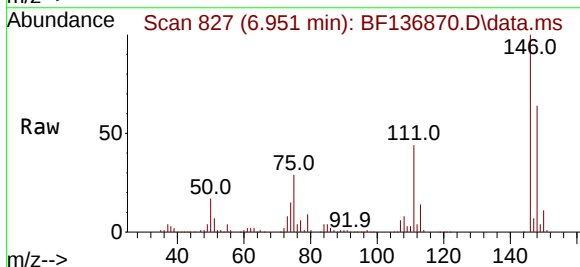
Tgt Ion:146 Resp: 166778

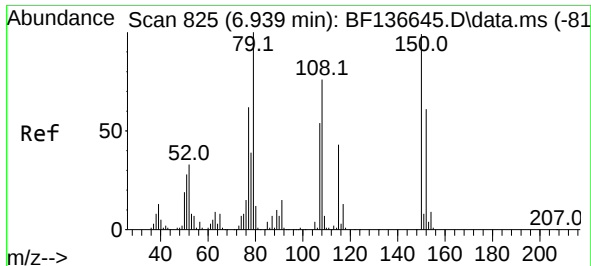
Ion Ratio Lower Upper

146 100

148 63.5 49.6 74.4

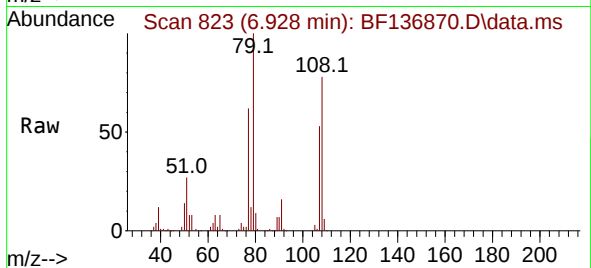
111 44.1 36.2 54.2



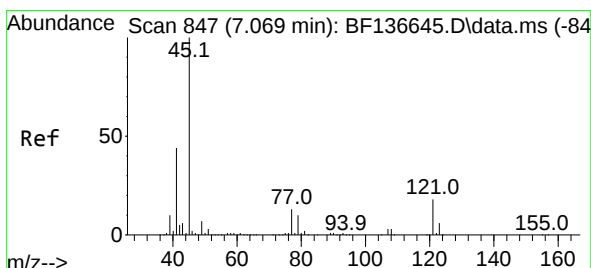
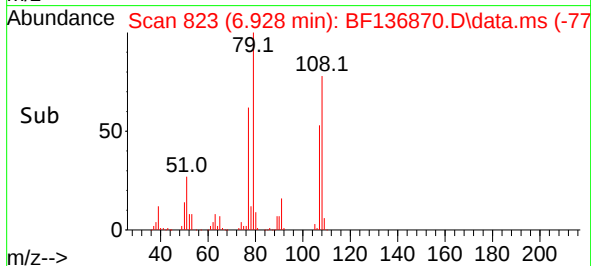
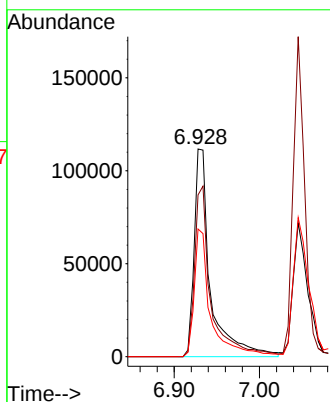


#15
Benzyl Alcohol
Concen: 45.026 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

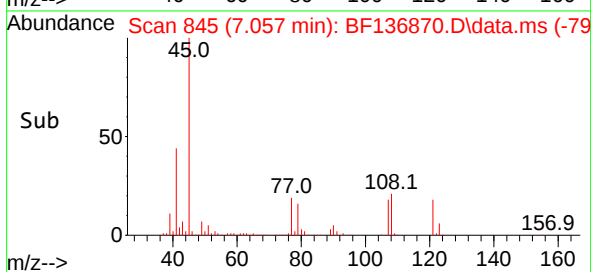
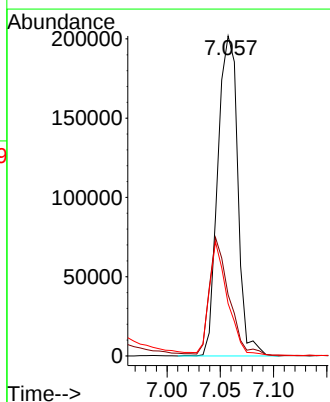
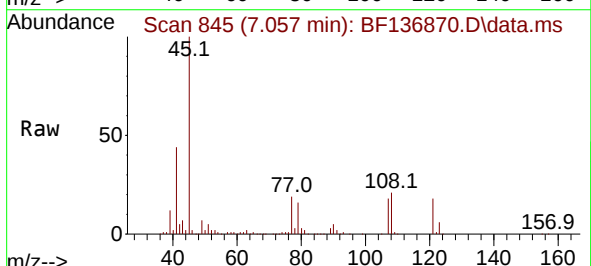


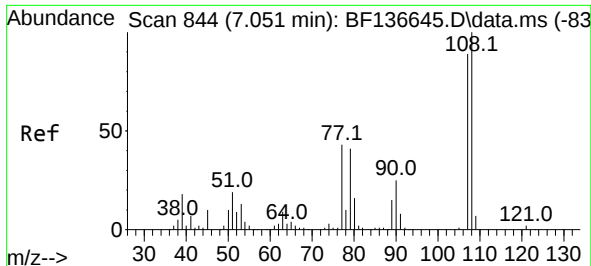
Tgt Ion: 79 Resp: 150442
Ion Ratio Lower Upper
79 100
108 77.9 61.0 91.6
77 61.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.025 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 45 Resp: 263102
Ion Ratio Lower Upper
45 100
77 19.1 0.0 34.3
79 16.4 0.0 31.4

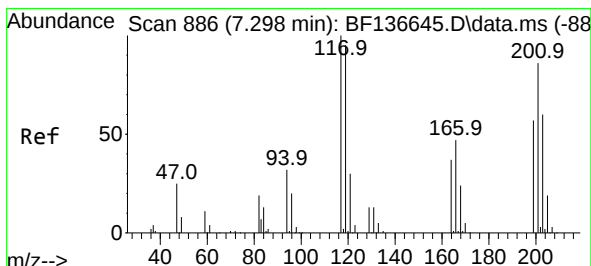
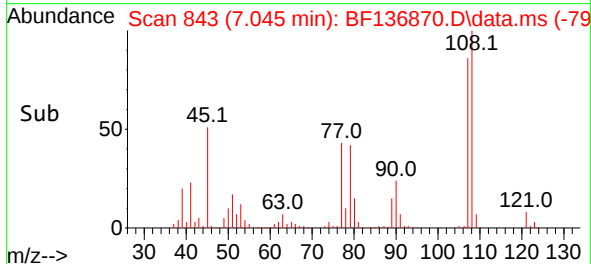
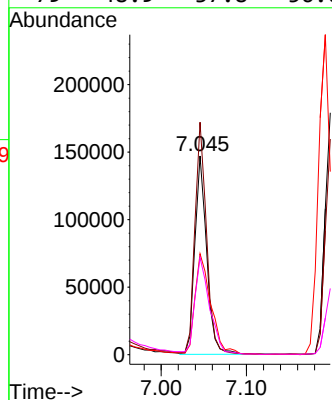
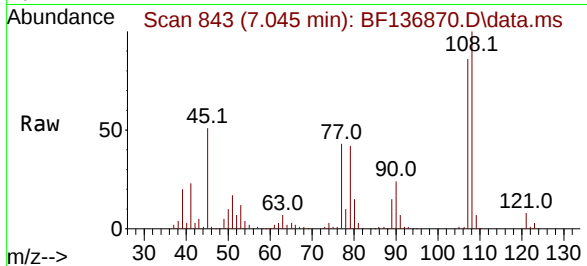




#17
2-Methylphenol
Concen: 40.962 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

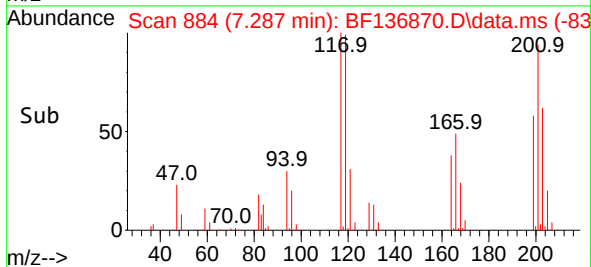
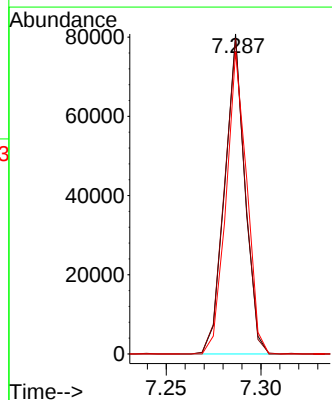
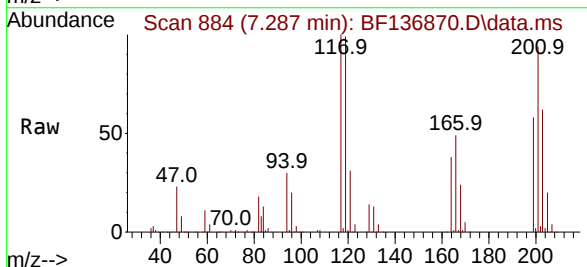
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

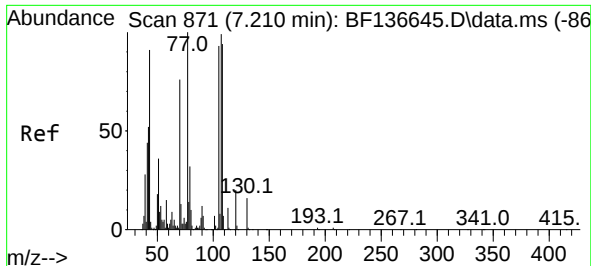
Tgt Ion:	107	Resp:	141938
Ion	Ratio	Lower	Upper
107	100		
108	117.0	90.3	135.5
77	50.8	38.7	58.1
79	48.9	37.8	56.6



#18
Hexachloroethane
Concen: 35.293 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:	117	Resp:	59758
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.6
201	94.4	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.355 ng

RT: 7.198 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF136870.D

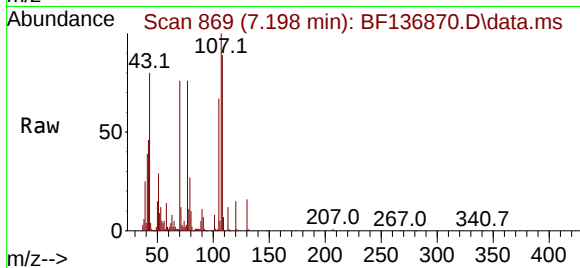
Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD



Tgt Ion: 70 Resp: 127160

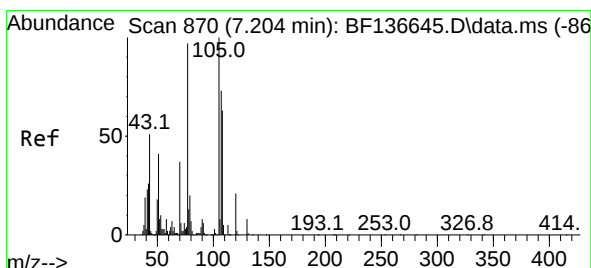
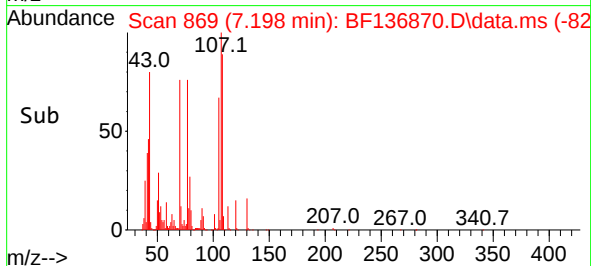
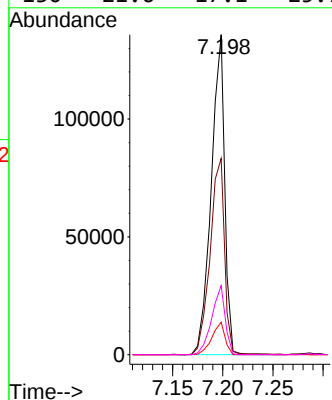
Ion Ratio Lower Upper

70 100

42 61.3 54.2 81.4

101 10.2 7.6 11.4

130 21.6 17.1 25.7



#20

3+4-Methylphenols

Concen: 41.790 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Tgt Ion: 107 Resp: 180910

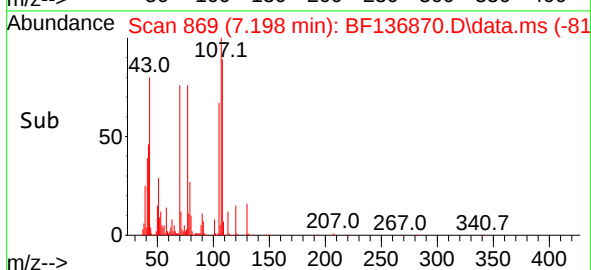
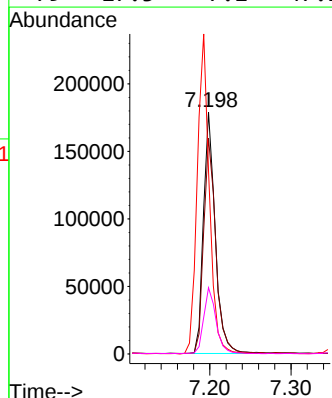
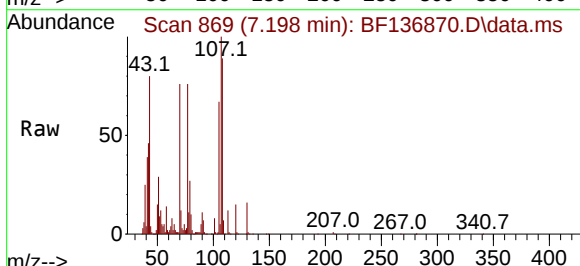
Ion Ratio Lower Upper

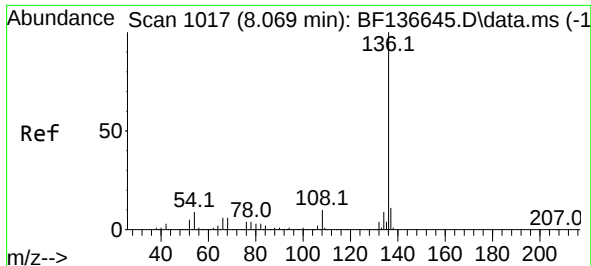
107 100

108 89.1 66.0 106.0

77 75.7 114.2 154.2#

79 27.3 7.2 47.2

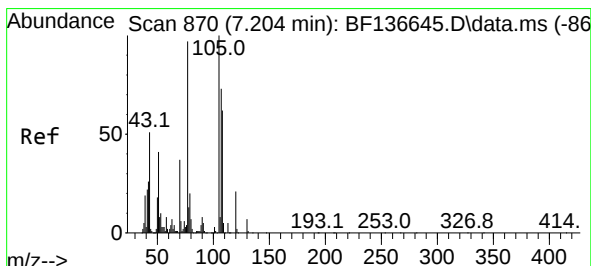
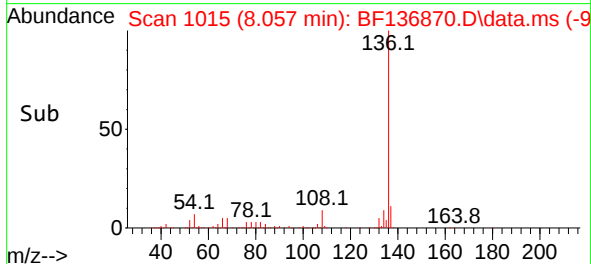
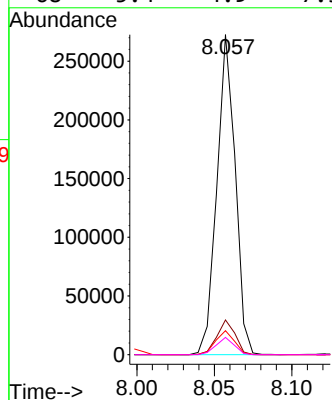
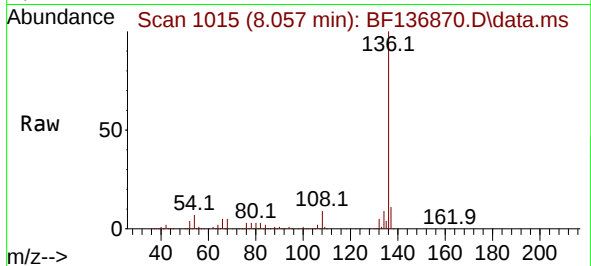




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

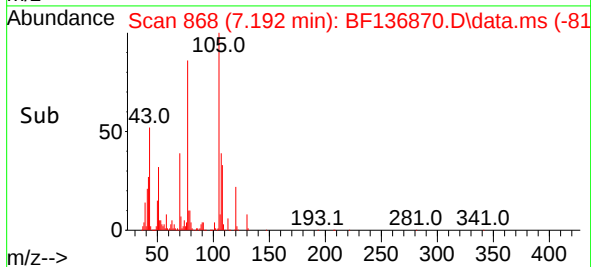
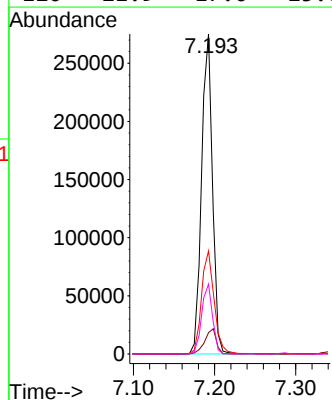
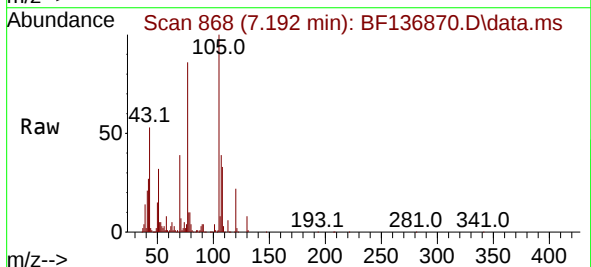
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

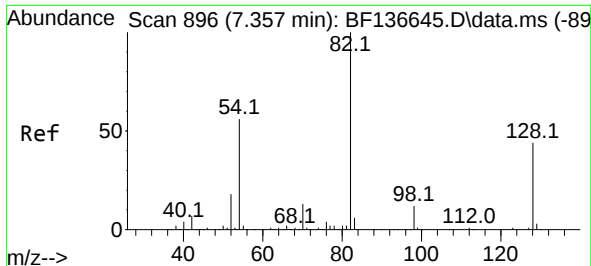
Tgt Ion	136	Resp:	224131
	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.5	7.2	10.8
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 45.683 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt	Ion:105	Resp:	256637
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.8	7.2
51	32.2	32.8	49.2#
120	21.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 89.379 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

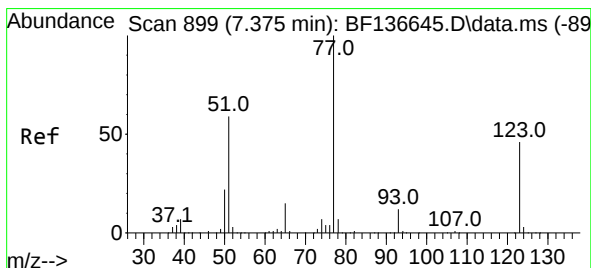
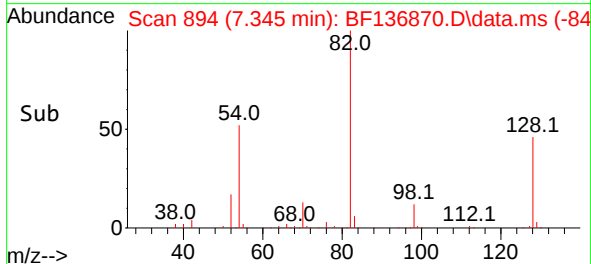
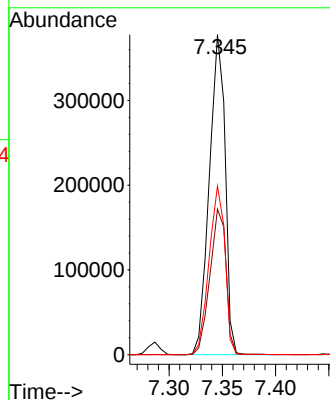
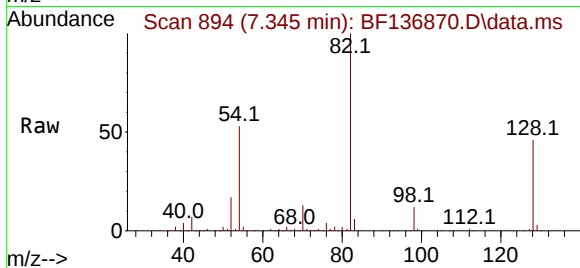
Tgt Ion: 82 Resp: 391483

Ion Ratio Lower Upper

82 100

128 45.5 35.3 52.9

54 52.7 44.5 66.7



#24

Nitrobenzene

Concen: 41.603 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

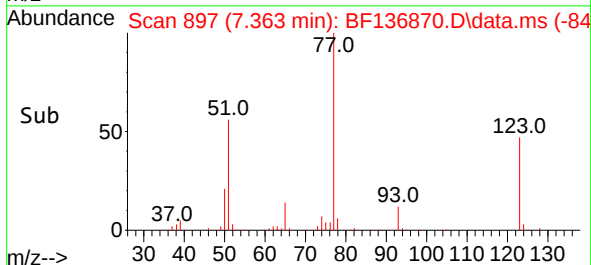
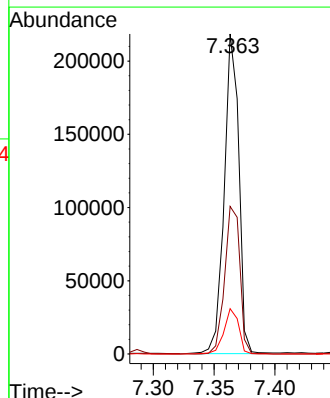
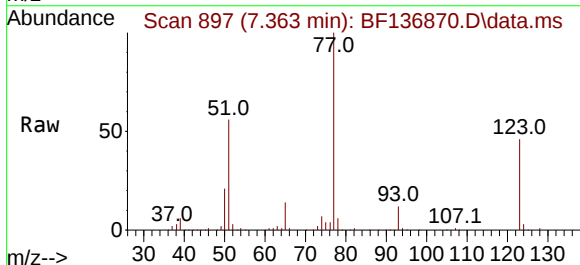
Tgt Ion: 77 Resp: 182541

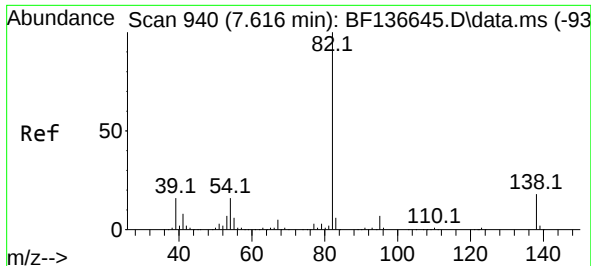
Ion Ratio Lower Upper

77 100

123 46.1 36.7 55.1

65 14.2 11.8 17.6

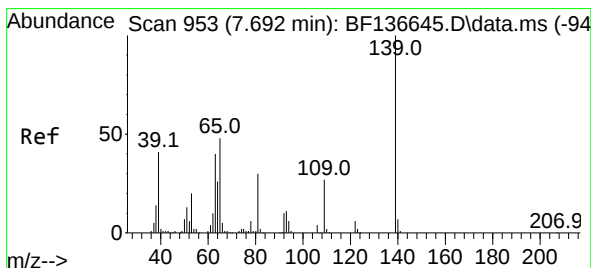
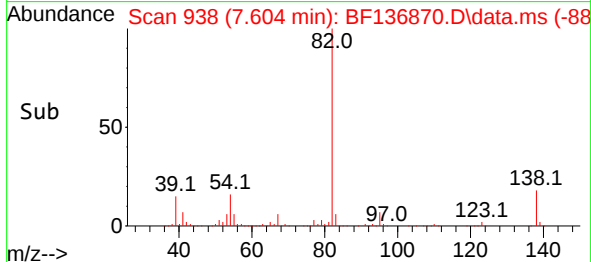
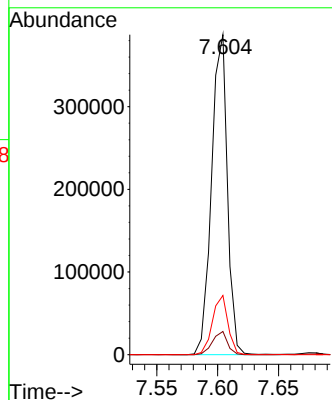
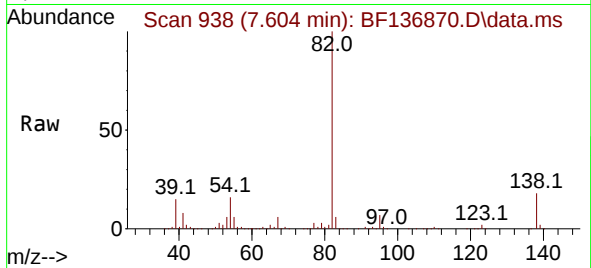




#25
Isophorone
Concen: 43.905 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

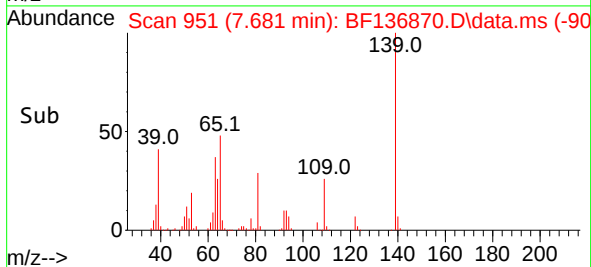
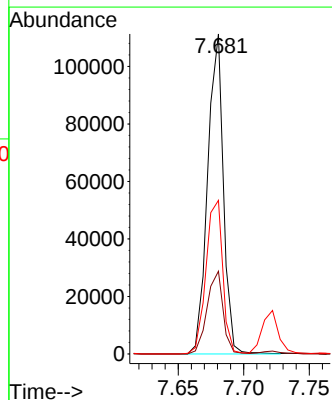
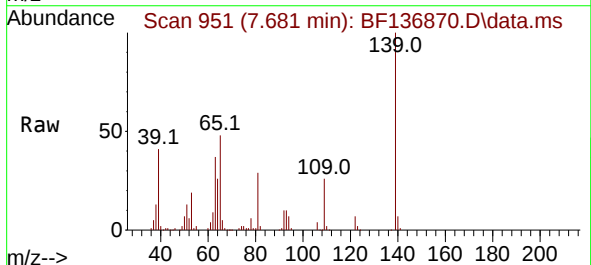
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

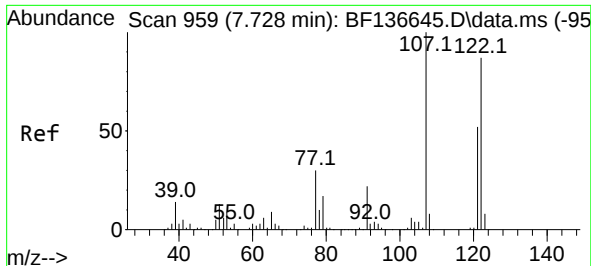
Tgt Ion: 82 Resp: 349919
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.5 14.5 21.7



#26
2-Nitrophenol
Concen: 44.406 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 139 Resp: 93219
Ion Ratio Lower Upper
139 100
109 25.8 21.9 32.9
65 48.0 38.6 58.0

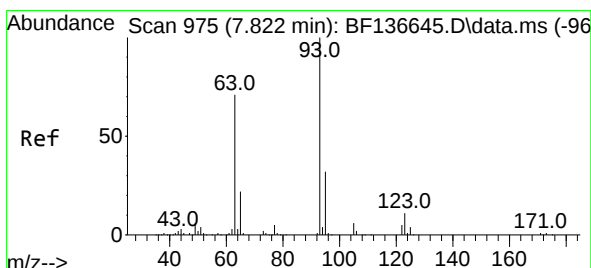
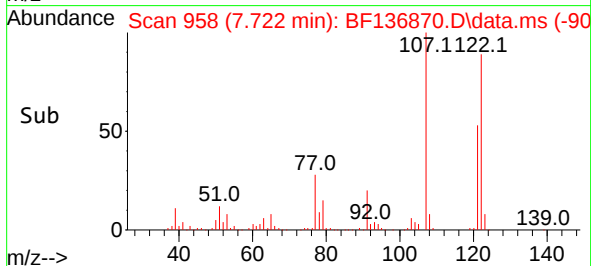
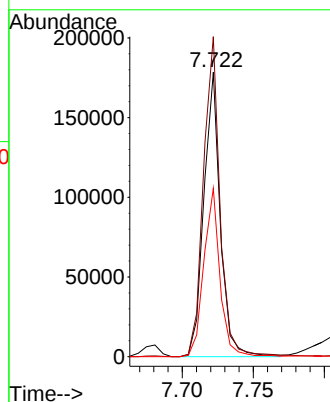
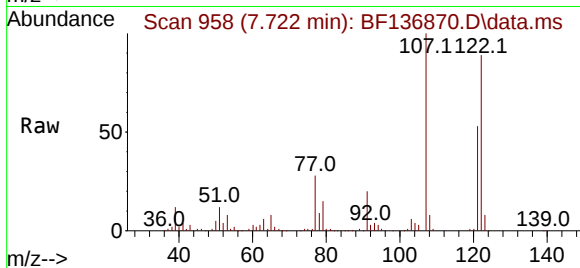




#27
2,4-Dimethylphenol
Concen: 56.371 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

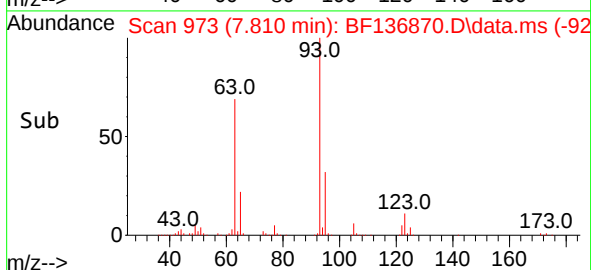
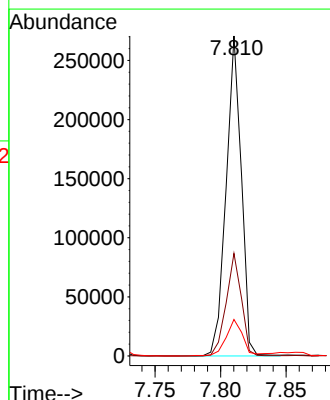
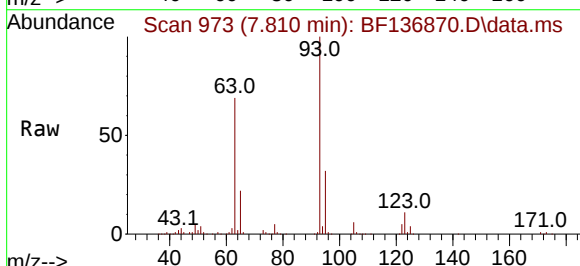
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

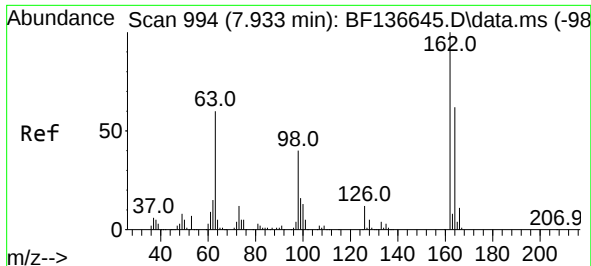
Tgt Ion:122 Resp: 144068
Ion Ratio Lower Upper
122 100
107 112.5 92.0 138.0
121 59.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.895 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion: 93 Resp: 217494
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 11.4 9.2 13.8

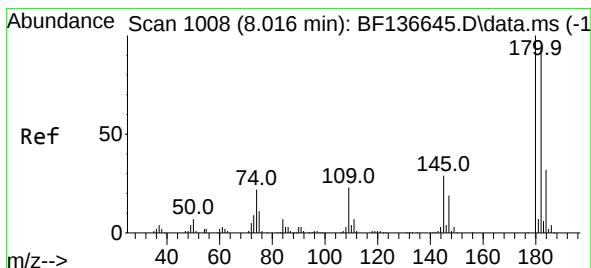
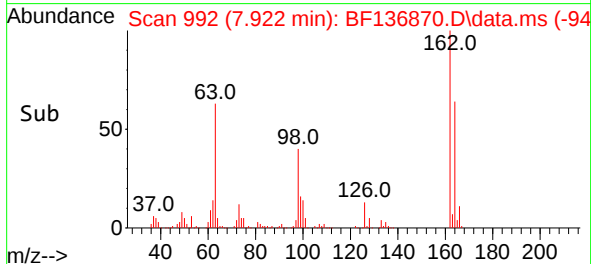
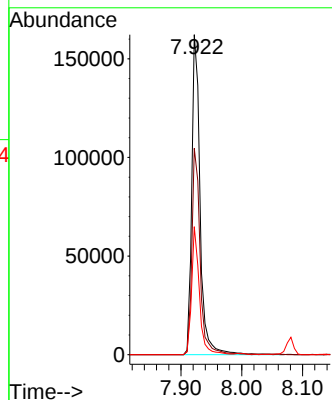
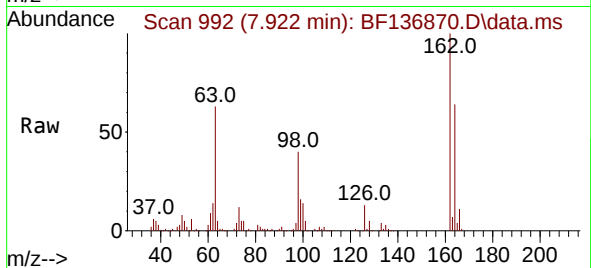




#29
2,4-Dichlorophenol
Concen: 46.746 ng
RT: 7.922 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

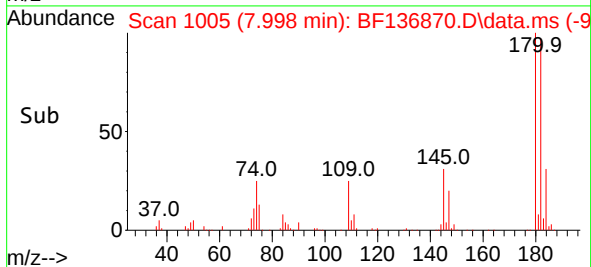
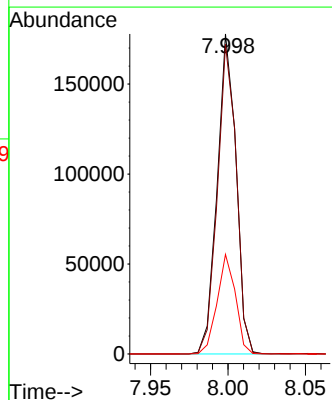
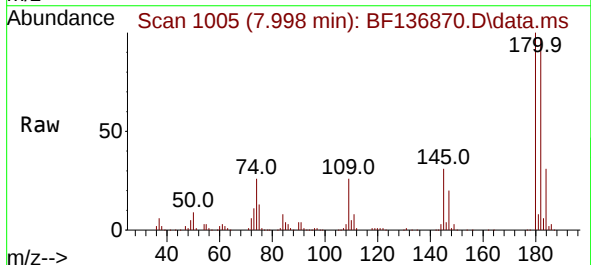
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

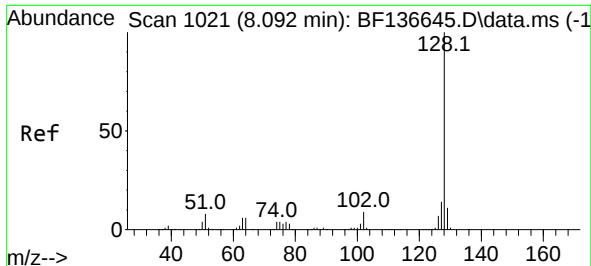
Tgt Ion:162 Resp: 153805
Ion Ratio Lower Upper
162 100
164 64.5 41.7 81.7
98 40.0 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 41.005 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.017 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:180 Resp: 150322
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
145 31.1 23.1 34.7

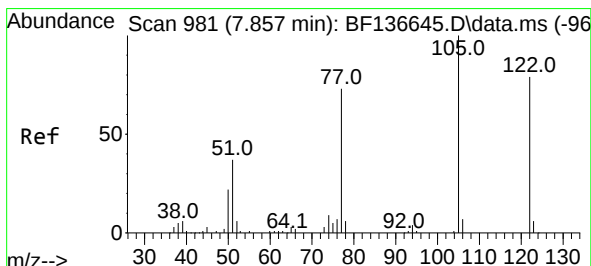
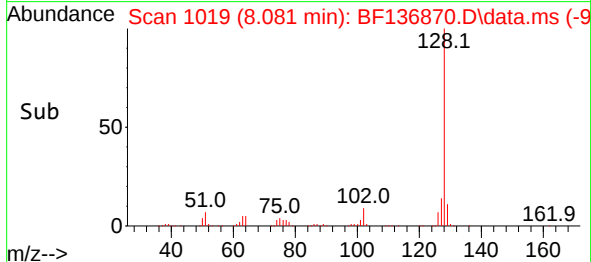
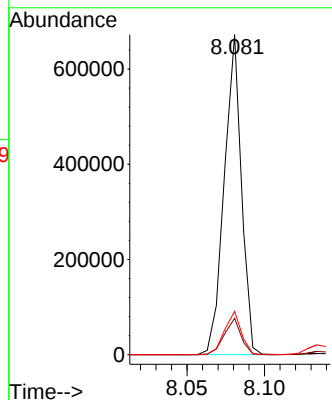
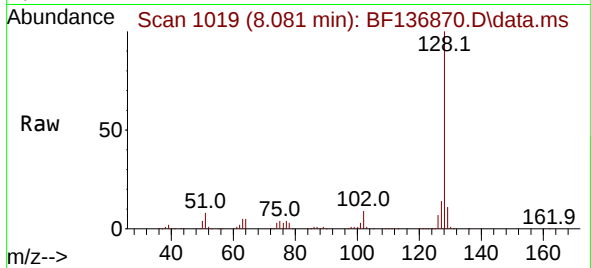




#31
Naphthalene
Concen: 42.219 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

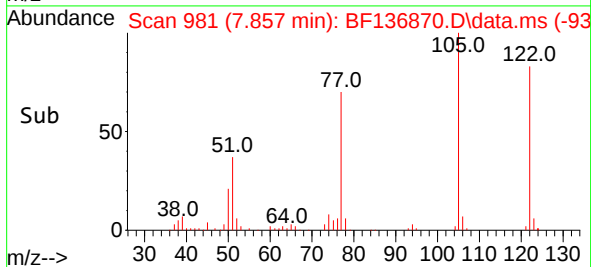
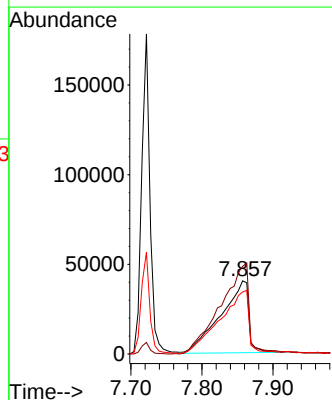
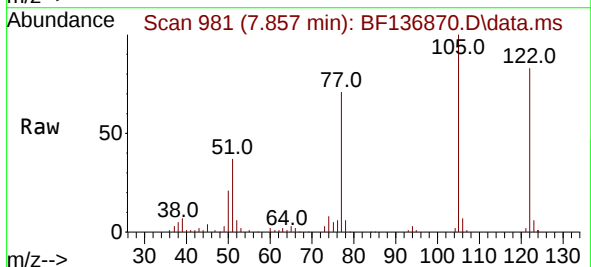
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

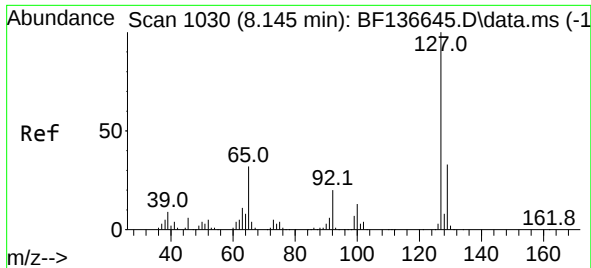
Tgt Ion:128 Resp: 519852
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 44.710 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:122 Resp: 110561
Ion Ratio Lower Upper
122 100
105 119.8 100.8 140.8
77 84.7 70.9 110.9

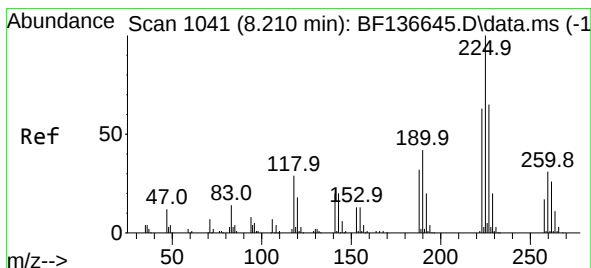
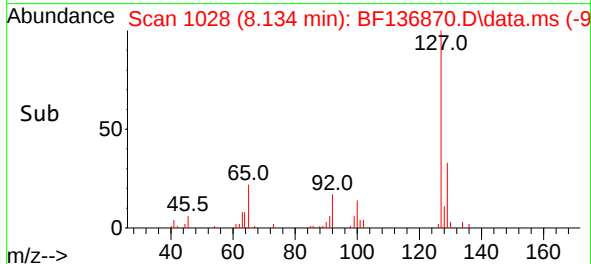
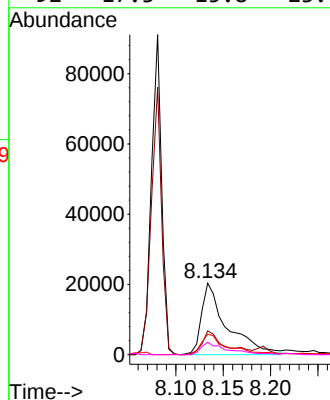
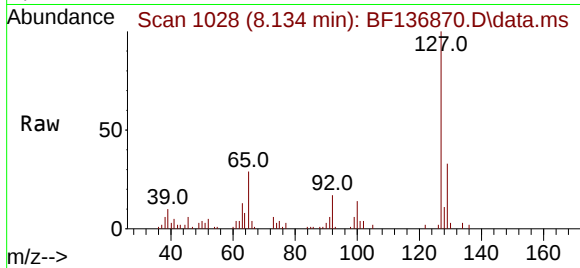




#33
4-Chloroaniline
Concen: 8.445 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

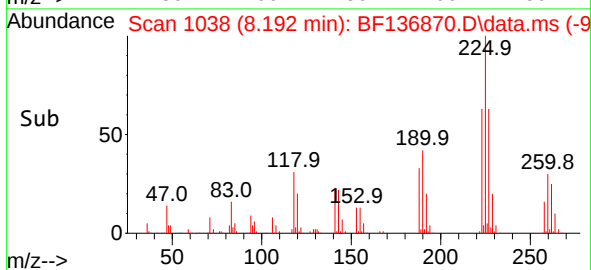
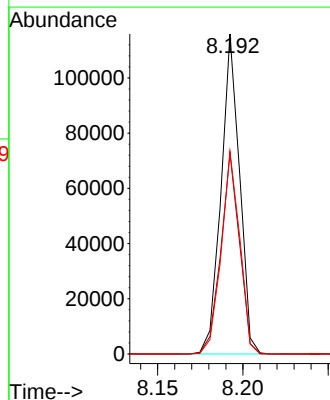
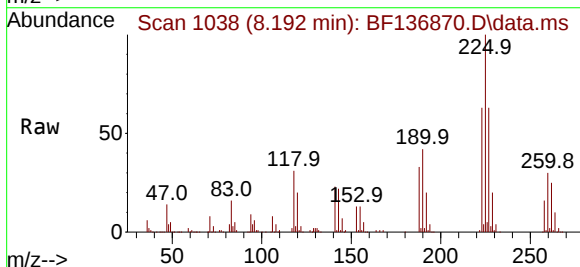
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

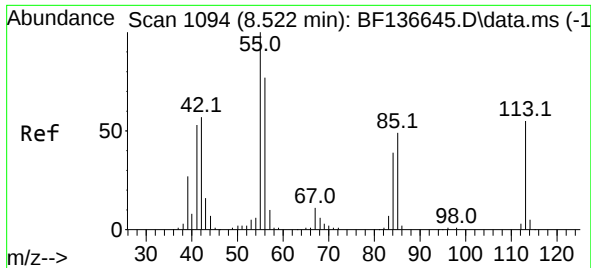
Tgt Ion:127	Resp:	38392
Ion	Ratio	Lower Upper
127	100	
129	33.2	26.3 39.5
65	28.7	25.8 38.8
92	17.3	15.8 23.6



#34
Hexachlorobutadiene
Concen: 39.217 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:225	Resp:	87348
Ion	Ratio	Lower Upper
225	100	
223	62.8	50.6 76.0
227	63.3	51.9 77.9

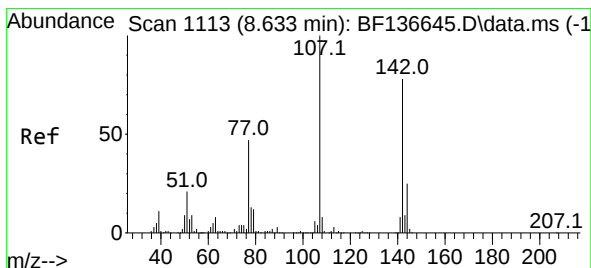
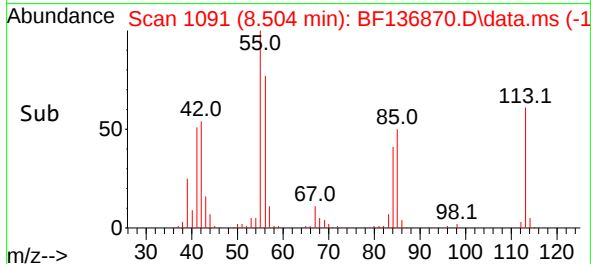
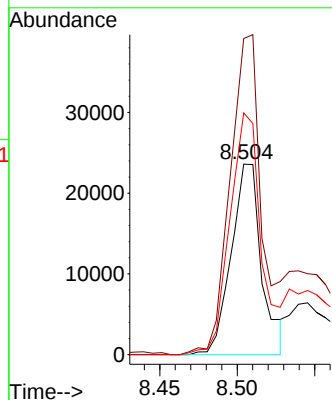
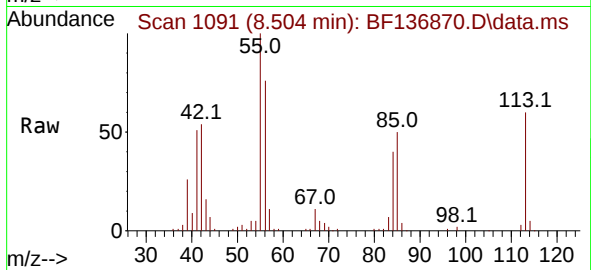




#35
 Caprolactam
 Concen: 29.661 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.017 min
 Lab File: BF136870.D
 Acq: 02 Jan 2024 14:32

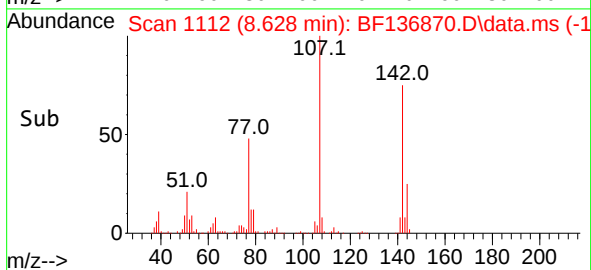
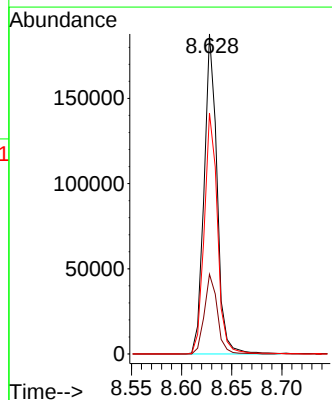
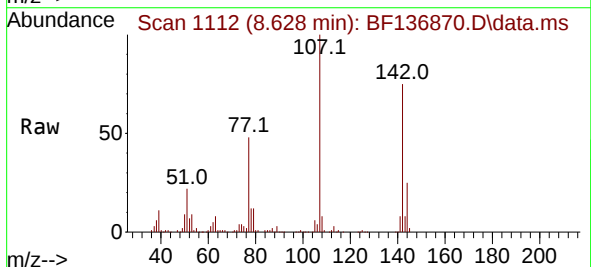
Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2MSD

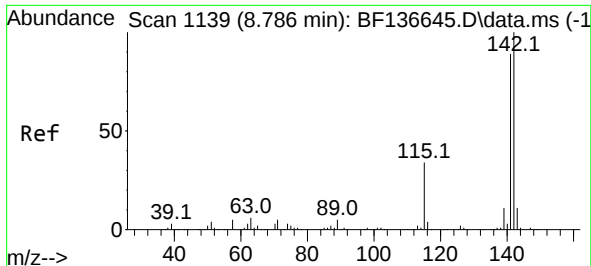
Tgt Ion:113 Resp: 32195
 Ion Ratio Lower Upper
 113 100
 55 165.9 163.1 203.1
 56 126.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.764 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136870.D
 Acq: 02 Jan 2024 14:32

Tgt Ion:107 Resp: 169516
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 75.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 43.231 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.017 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

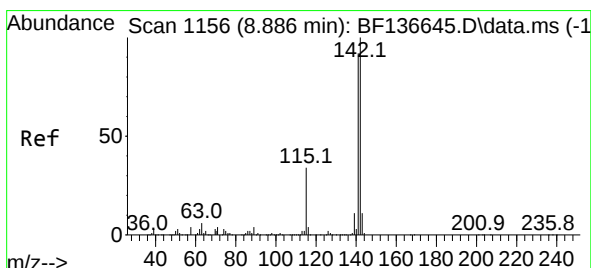
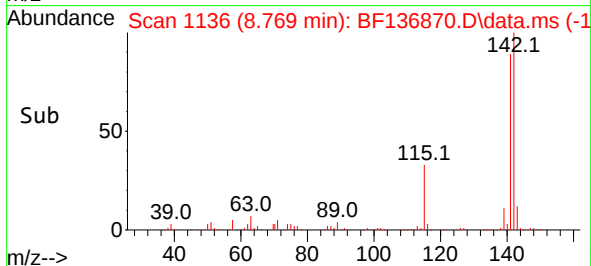
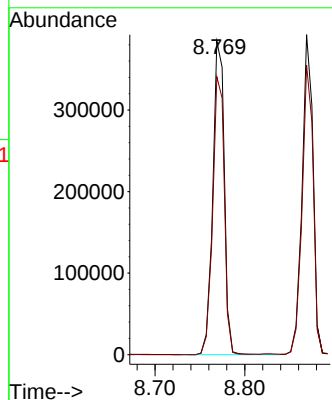
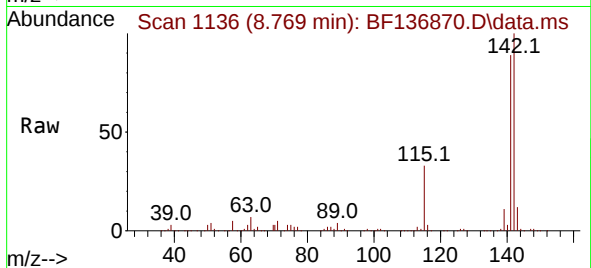
MR-317-0-2MSD

Tgt Ion:142 Resp: 342581

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 42.779 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.017 min

Lab File: BF136870.D

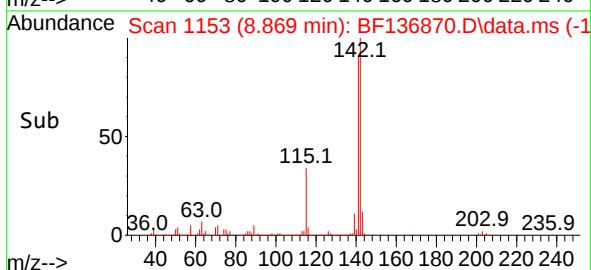
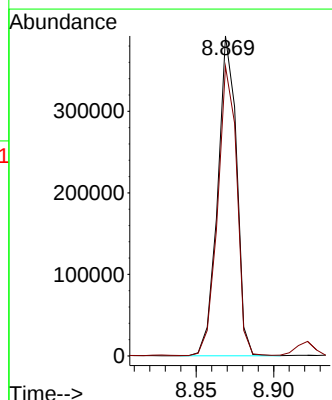
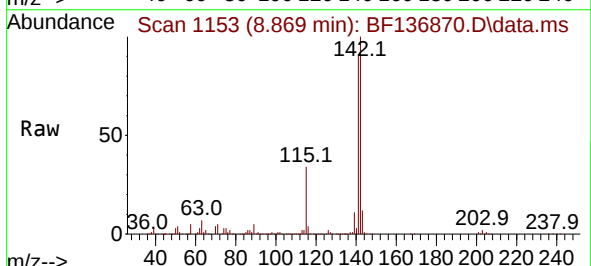
Acq: 02 Jan 2024 14:32

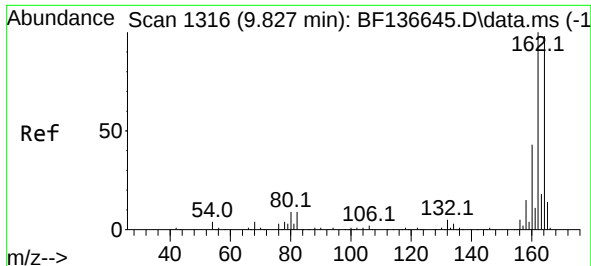
Tgt Ion:142 Resp: 332588

Ion Ratio Lower Upper

142 100

141 90.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

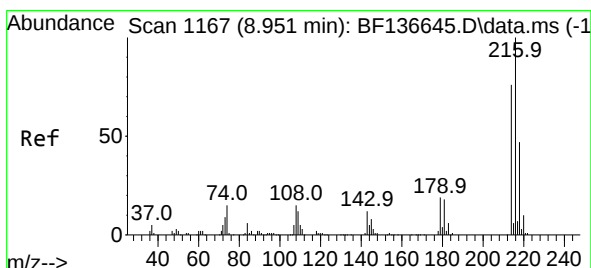
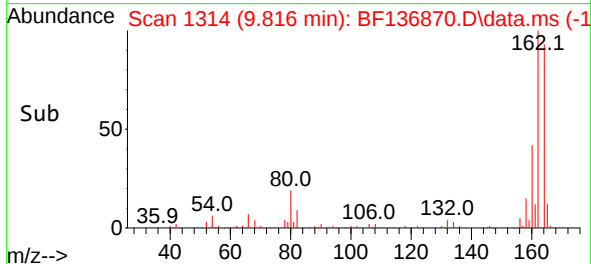
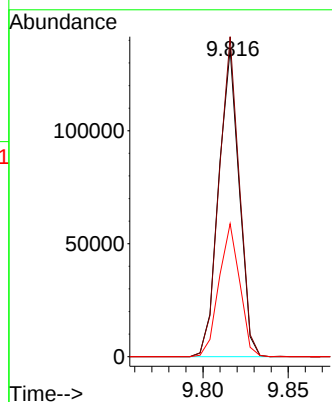
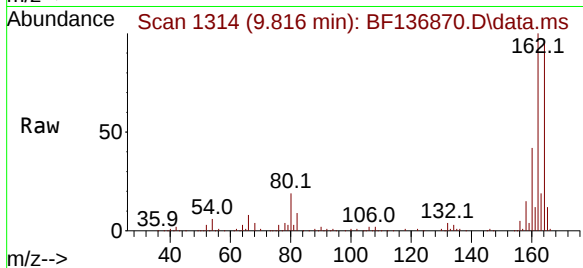
Tgt Ion:164 Resp: 113877

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 43.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.301 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Tgt Ion:216 Resp: 170344

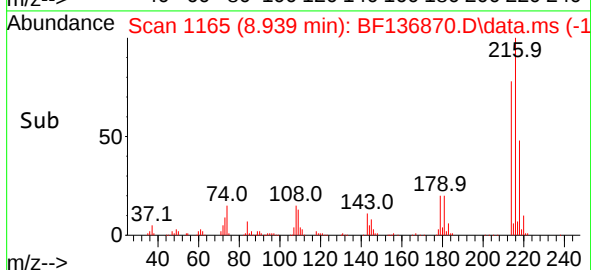
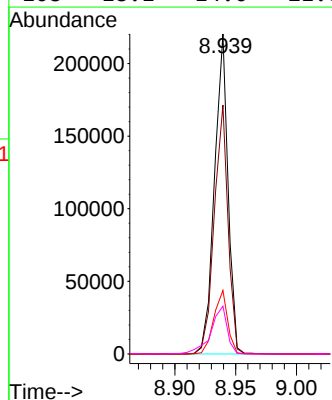
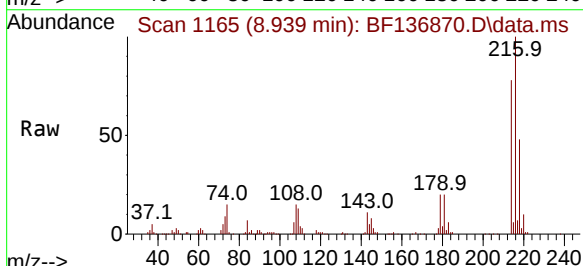
Ion Ratio Lower Upper

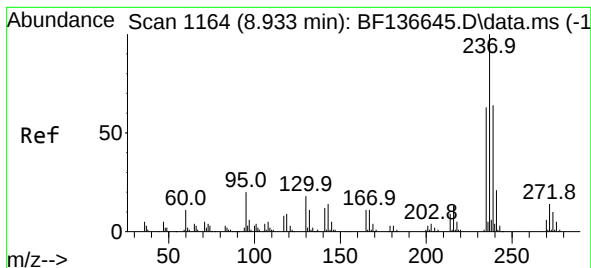
216 100

214 79.2 62.3 93.5

179 20.3 16.4 24.6

108 18.1 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 105.822 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

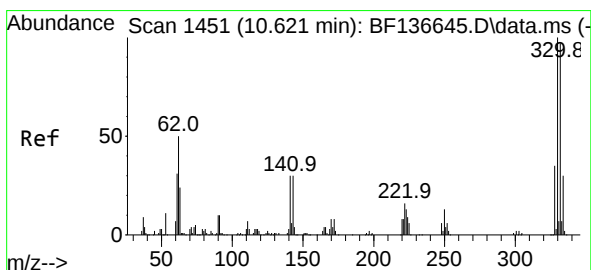
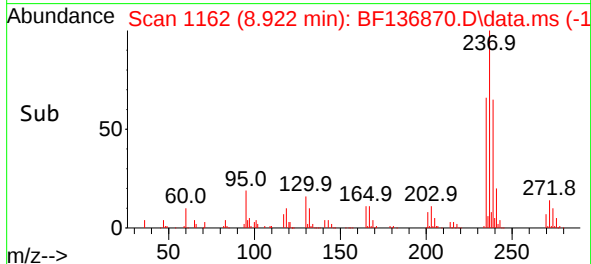
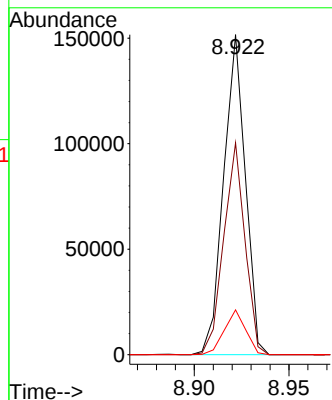
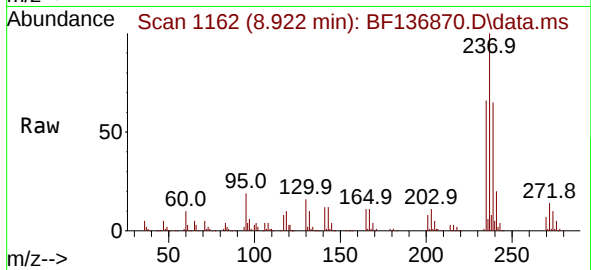
Tgt Ion:237 Resp: 120888

Ion Ratio Lower Upper

237 100

235 66.2 43.2 83.2

272 14.0 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 139.993 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

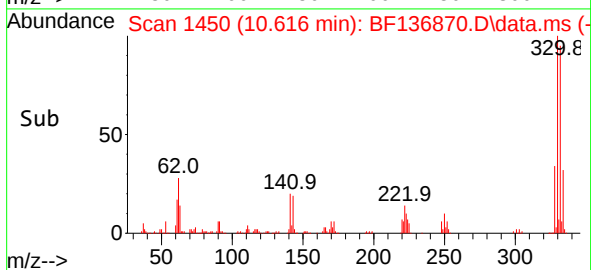
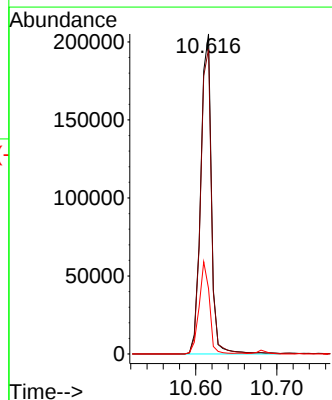
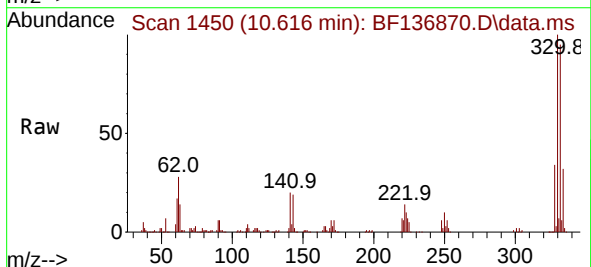
Tgt Ion:330 Resp: 187753

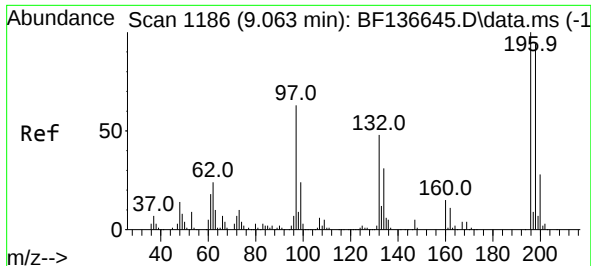
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 27.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 49.946 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

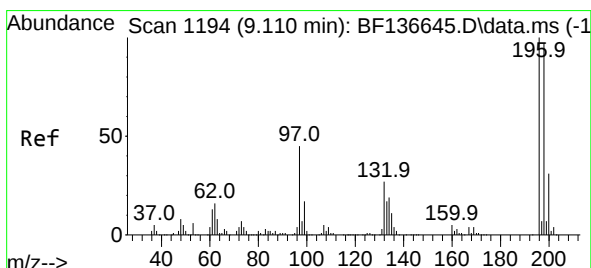
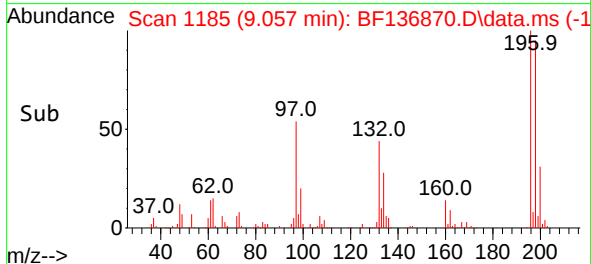
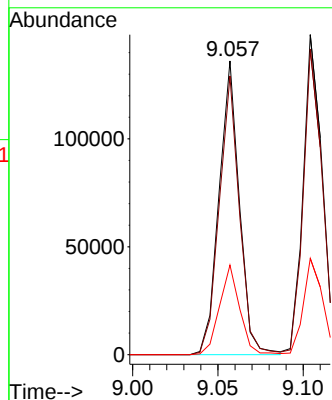
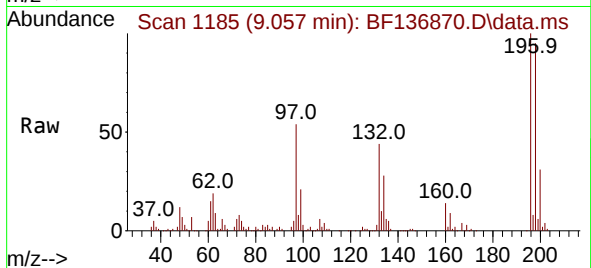
Tgt Ion:196 Resp: 112966

Ion Ratio Lower Upper

196 100

198 94.9 75.1 112.7

200 30.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 47.428 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Tgt Ion:196 Resp: 119538

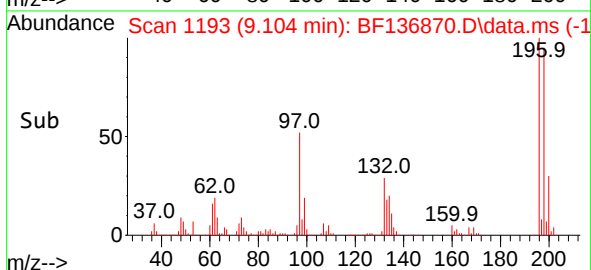
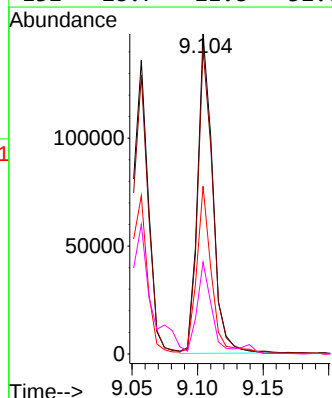
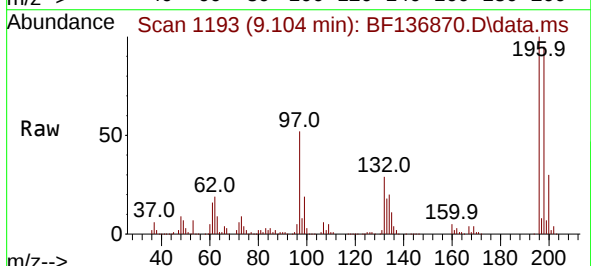
Ion Ratio Lower Upper

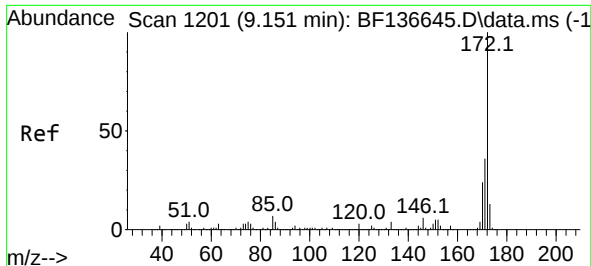
196 100

198 95.4 77.0 115.6

97 52.4 36.1 54.1

132 28.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 92.223 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

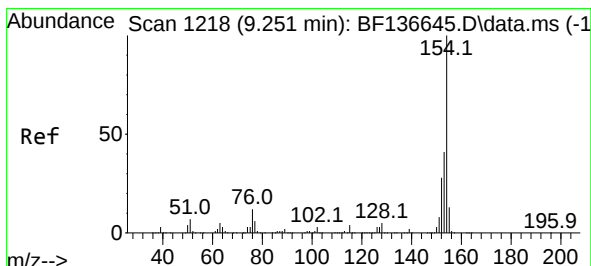
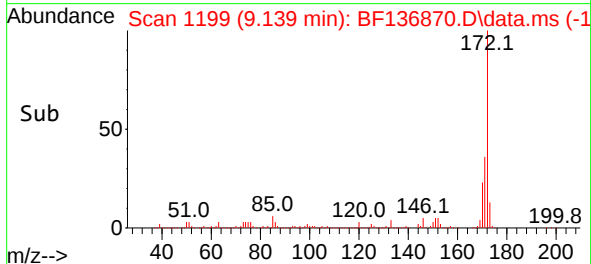
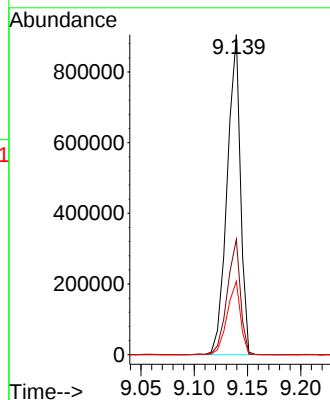
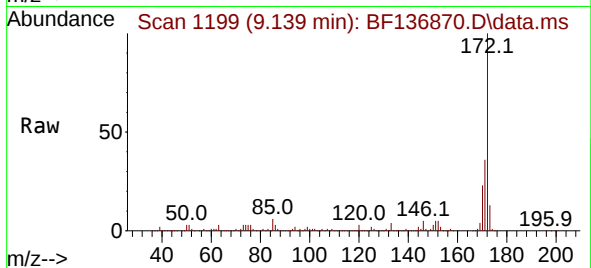
Tgt Ion:172 Resp: 780831

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.268 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

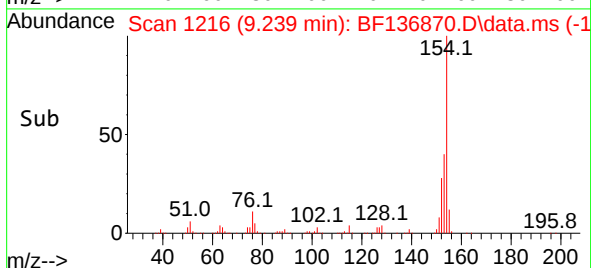
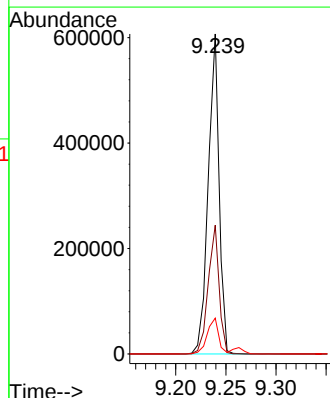
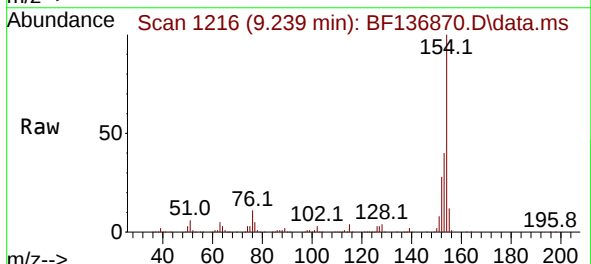
Tgt Ion:154 Resp: 461248

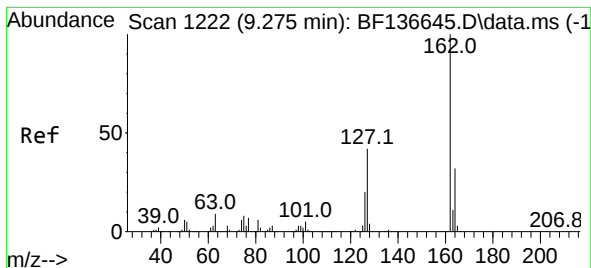
Ion Ratio Lower Upper

154 100

153 40.3 21.1 61.1

76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 45.519 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

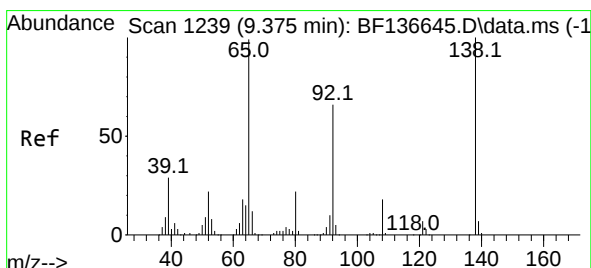
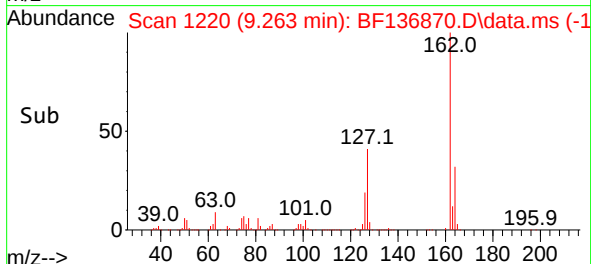
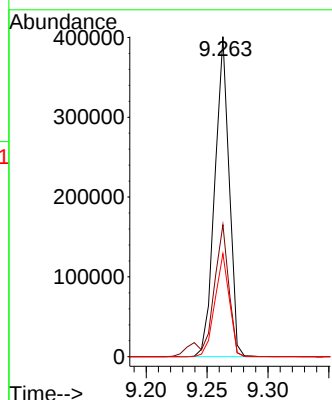
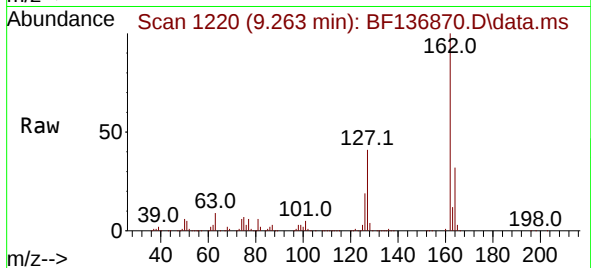
Tgt Ion:162 Resp: 330681

Ion Ratio Lower Upper

162 100

127 41.3 33.6 50.4

164 32.2 25.7 38.5



#48

2-Nitroaniline

Concen: 46.373 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

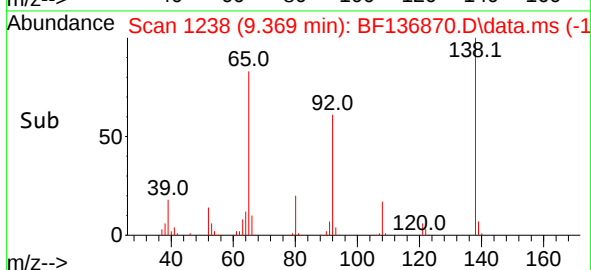
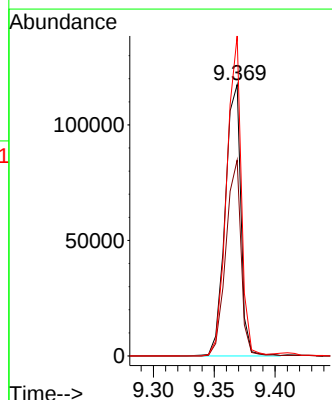
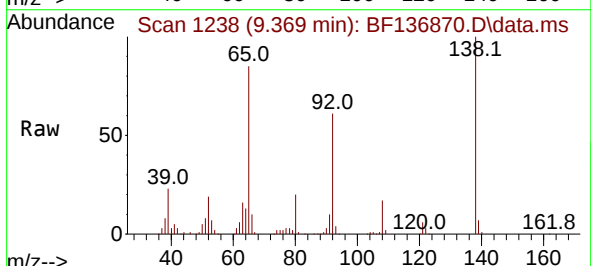
Tgt Ion: 65 Resp: 105495

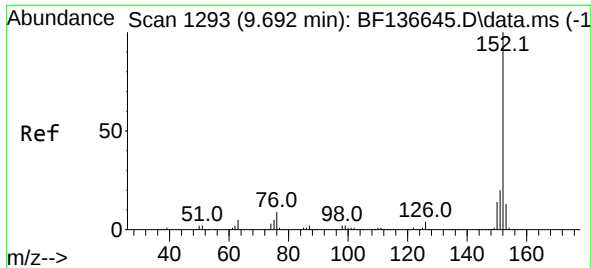
Ion Ratio Lower Upper

65 100

92 72.1 53.2 79.8

138 117.9 81.1 121.7

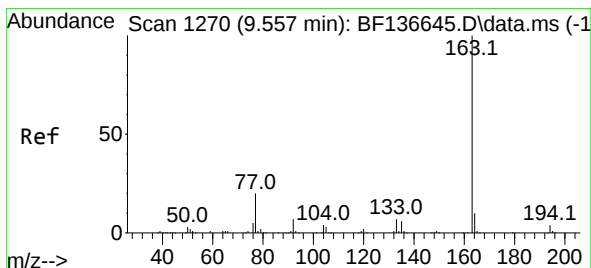
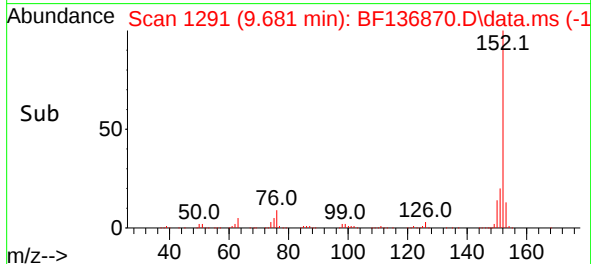
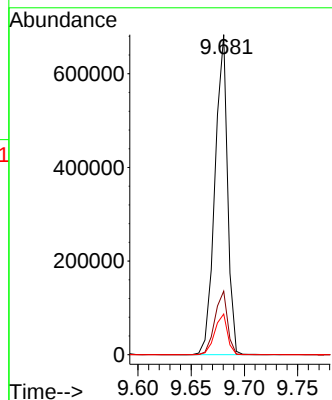
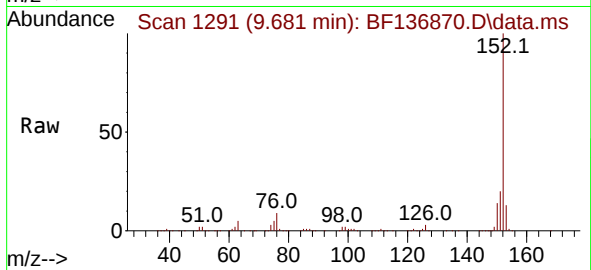




#49
Acenaphthylene
Concen: 50.788 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

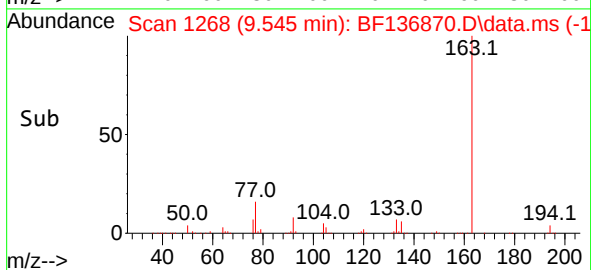
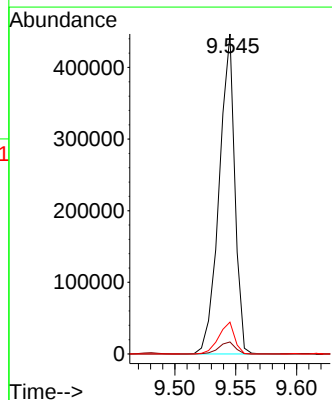
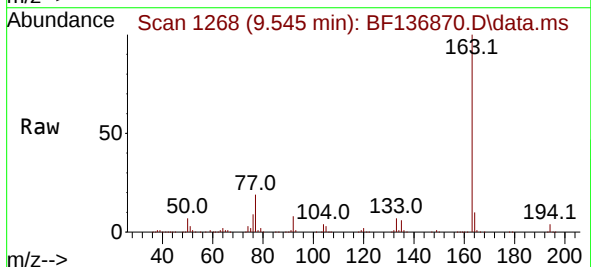
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

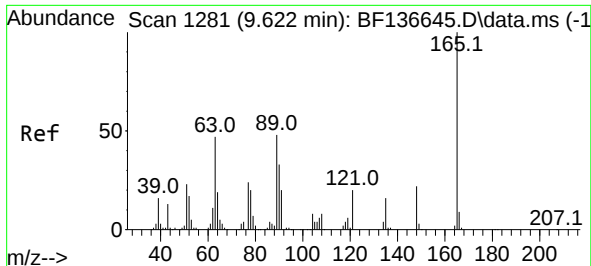
Tgt Ion:152 Resp: 563943
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.7 10.2 15.2



#50
Dimethylphthalate
Concen: 48.213 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:163 Resp: 401026
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 46.821 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

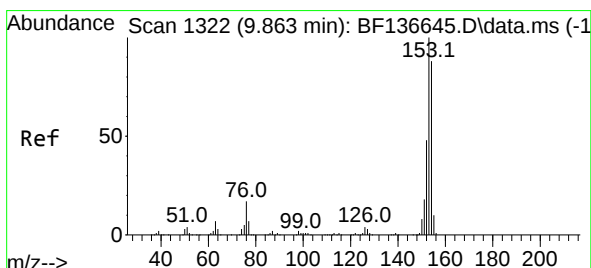
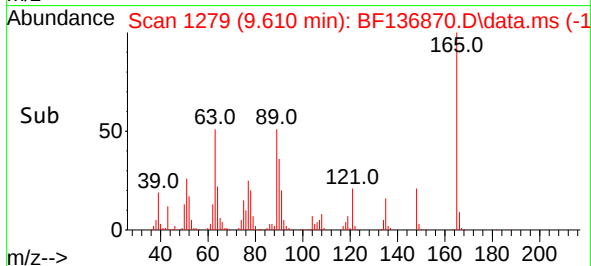
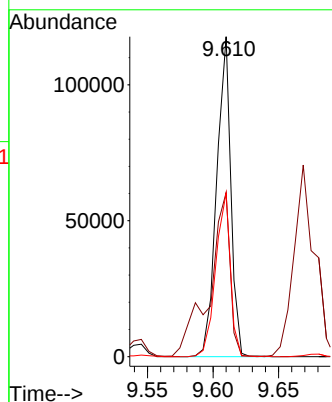
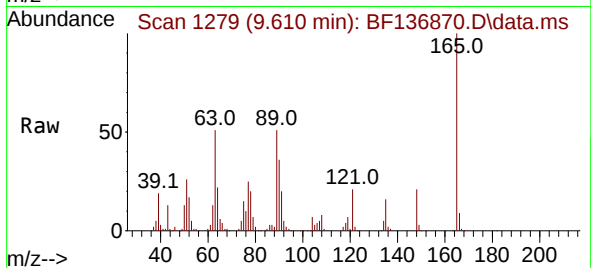
Tgt Ion:165 Resp: 88386

Ion Ratio Lower Upper

165 100

63 51.2 39.8 59.6

89 51.2 38.8 58.2



#52

Acenaphthene

Concen: 45.884 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

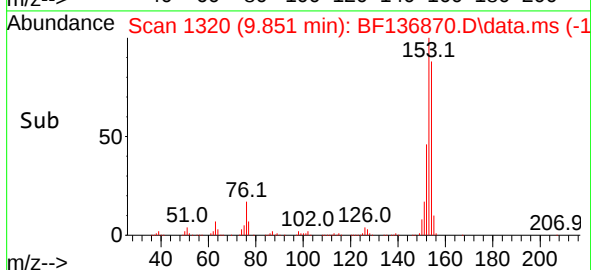
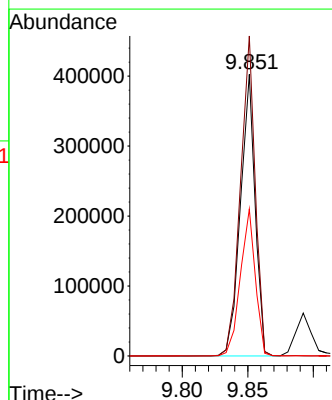
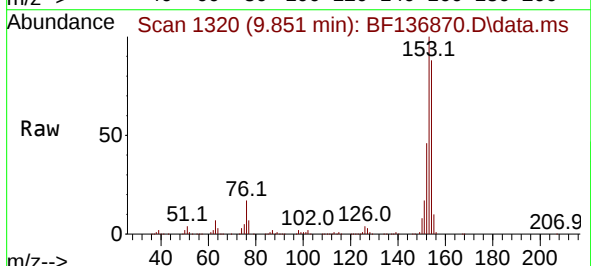
Tgt Ion:154 Resp: 315821

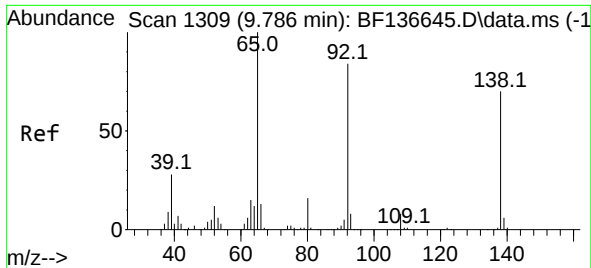
Ion Ratio Lower Upper

154 100

153 113.6 90.7 136.1

152 52.2 43.7 65.5





#53

3-Nitroaniline

Concen: 28.403 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

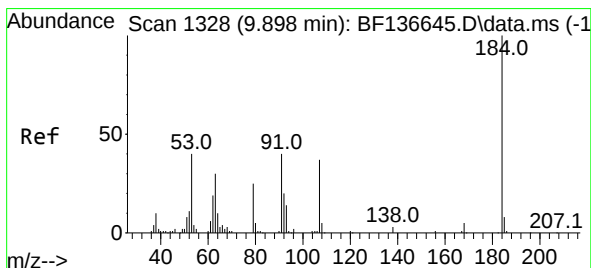
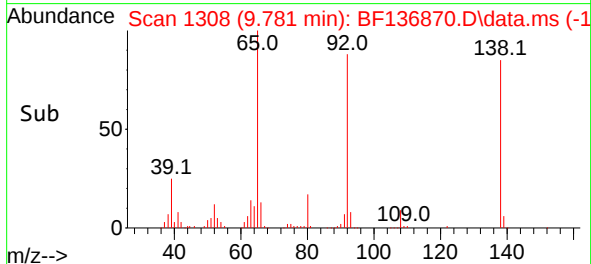
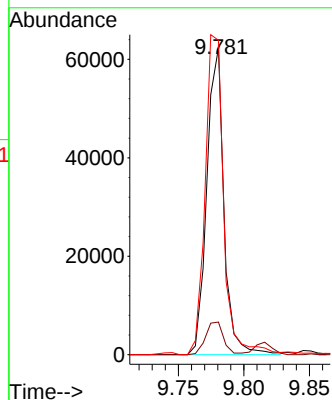
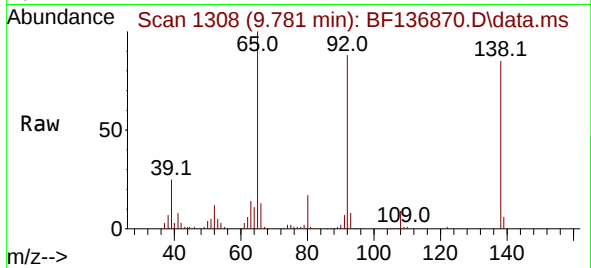
Tgt Ion:138 Resp: 56797

Ion Ratio Lower Upper

138 100

108 10.7 8.6 12.8

92 102.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 92.490 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

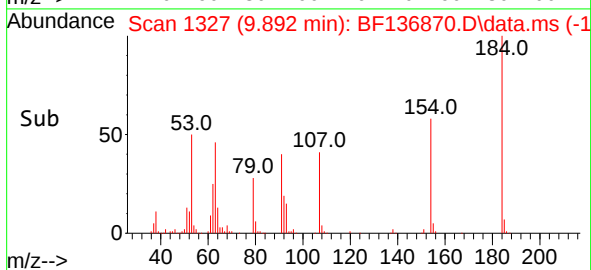
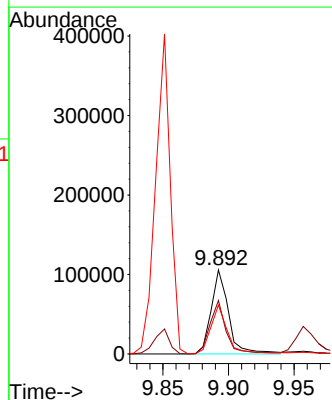
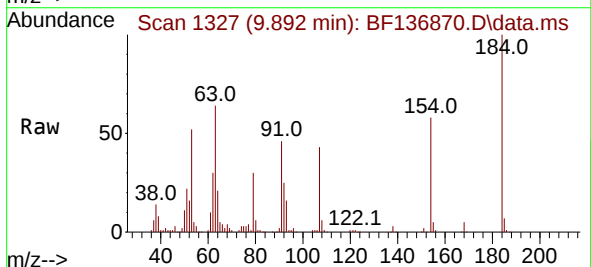
Tgt Ion:184 Resp: 97406

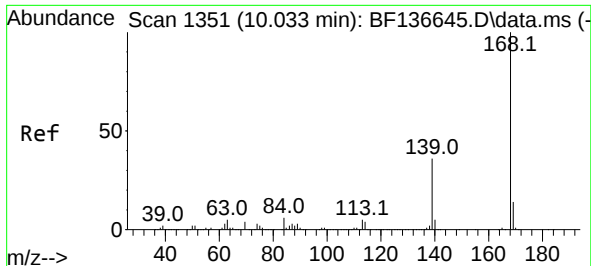
Ion Ratio Lower Upper

184 100

63 63.7 40.9 61.3#

154 58.1 42.7 64.1

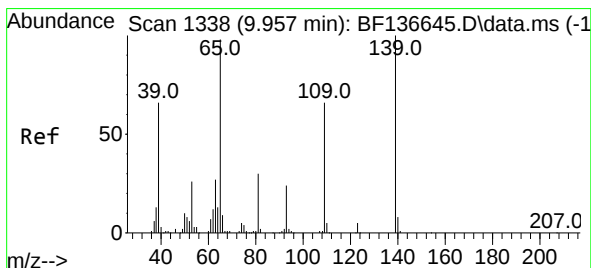
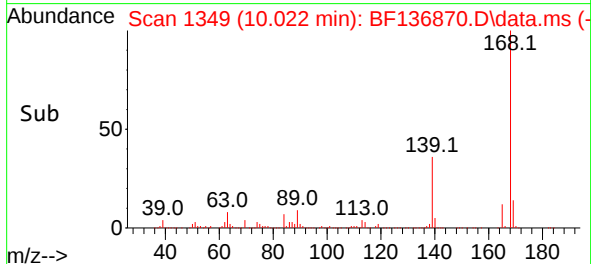
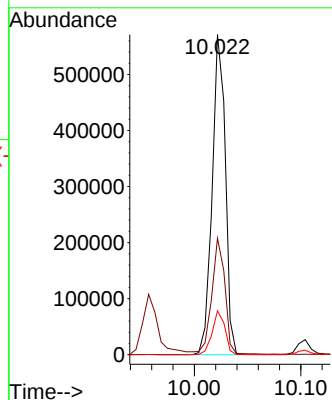
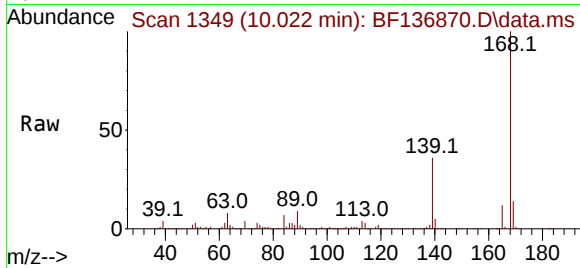




#55
Dibenzenofuran
Concen: 46.976 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

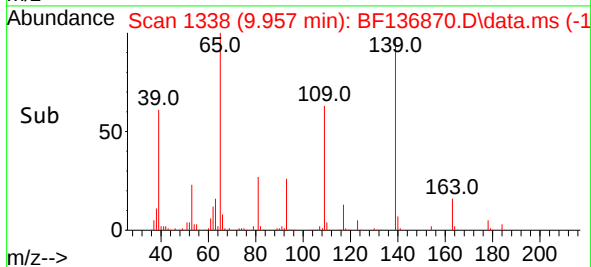
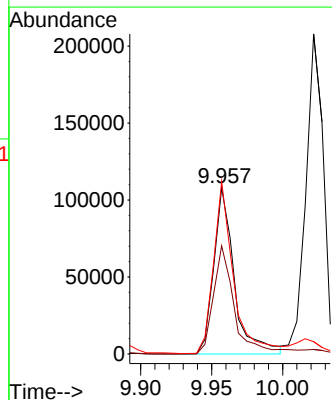
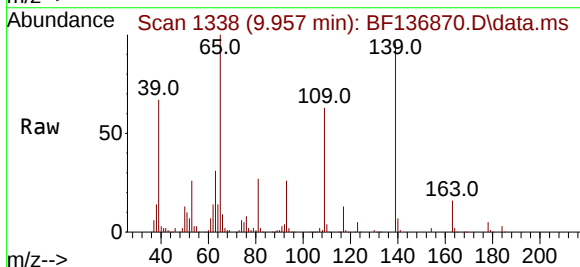
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

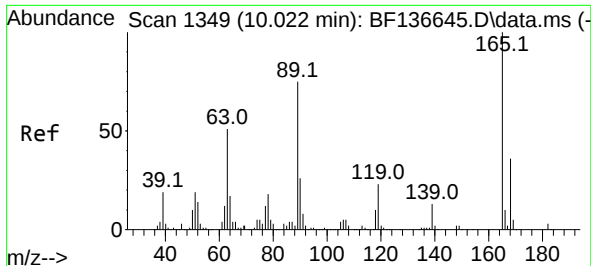
Tgt Ion:168 Resp: 490136
Ion Ratio Lower Upper
168 100
139 36.4 29.3 43.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 80.646 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:139 Resp: 108867
Ion Ratio Lower Upper
139 100
109 65.2 45.8 85.8
65 104.1 77.8 117.8

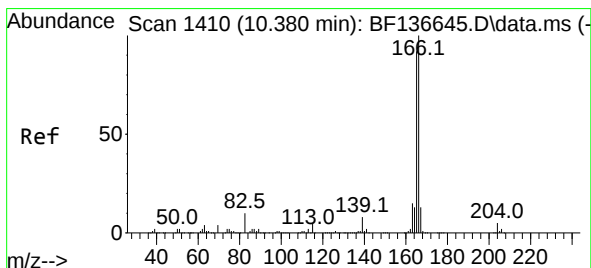
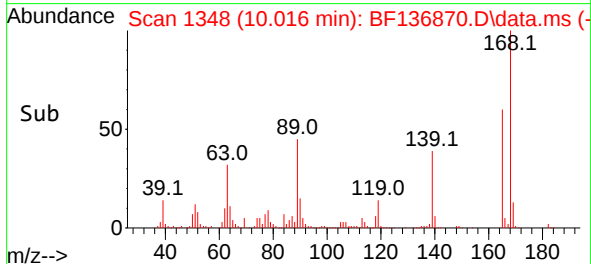
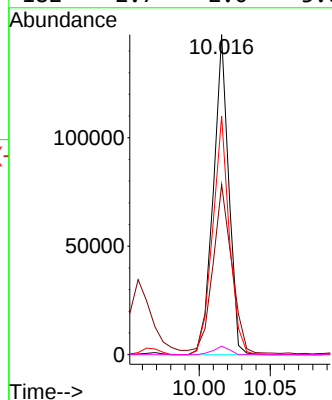
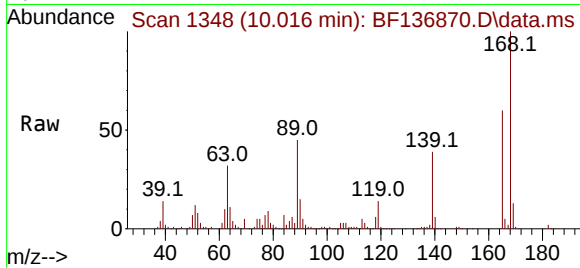




#57
2,4-Dinitrotoluene
Concen: 45.448 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

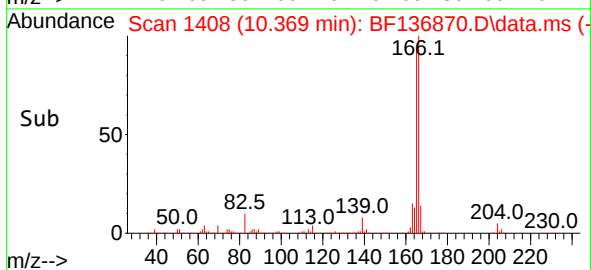
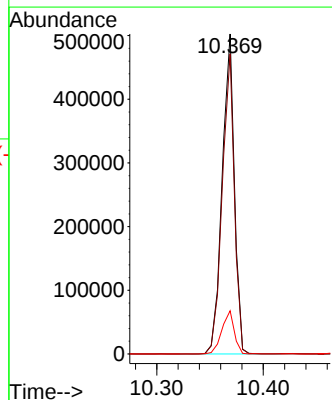
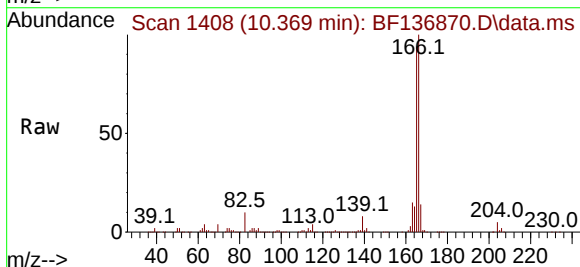
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

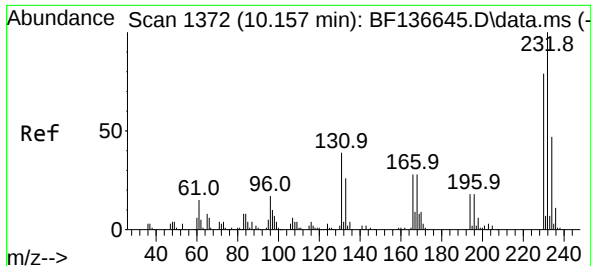
Tgt Ion:165 Resp: 111377
Ion Ratio Lower Upper
165 100
63 53.2 41.0 61.6
89 74.6 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 48.124 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:166 Resp: 398409
Ion Ratio Lower Upper
166 100
165 93.8 73.7 110.5
167 13.5 10.4 15.6

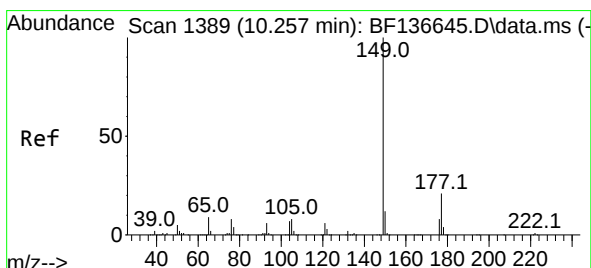
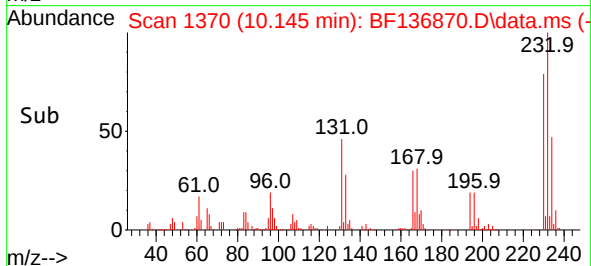
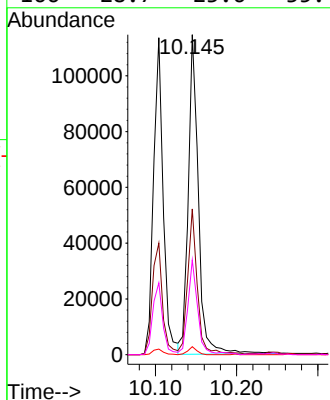
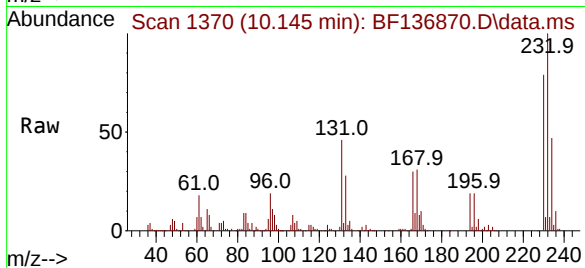




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.363 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

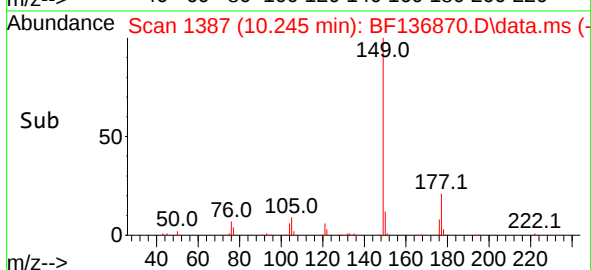
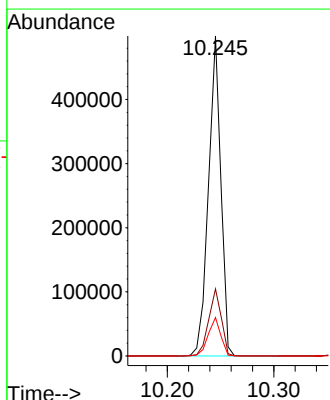
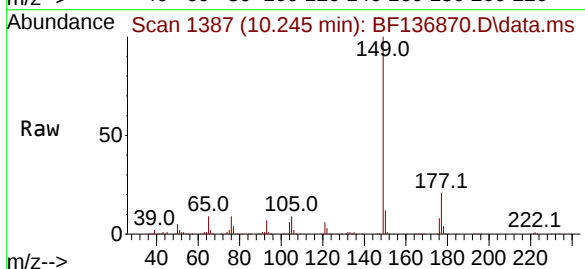
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

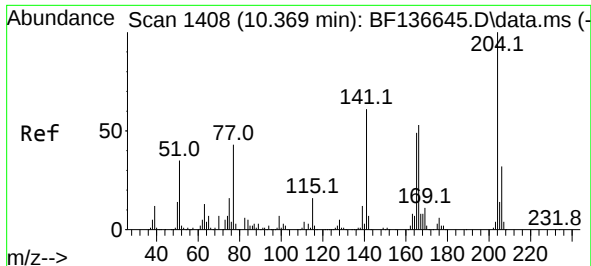
Tgt Ion:232 Resp: 99651
Ion Ratio Lower Upper
232 100
131 42.8 35.1 52.7
130 2.2 1.6 2.4
166 28.7 23.6 35.4



#60
Diethylphthalate
Concen: 46.758 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:149 Resp: 403532
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.0 9.3 13.9

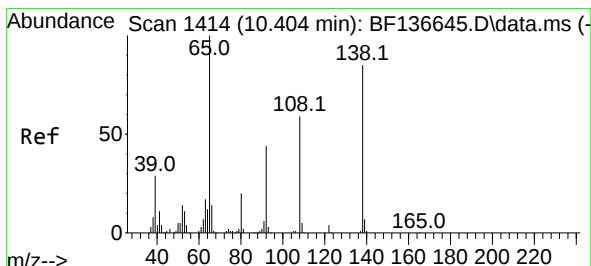
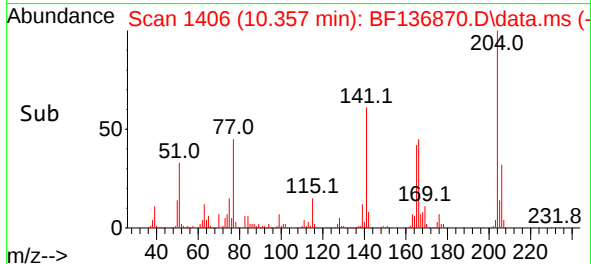
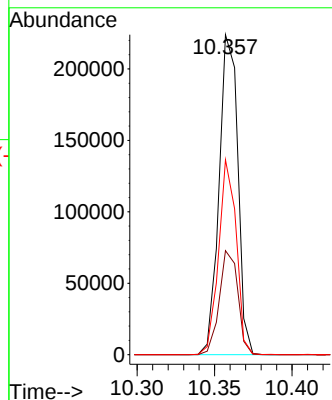
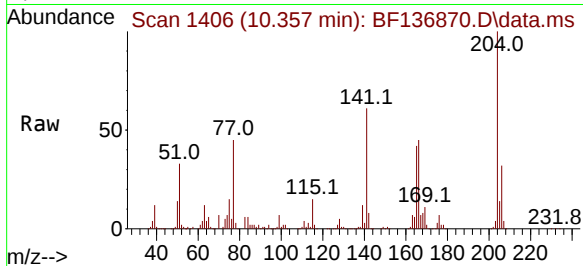




#61
4-Chlorophenyl-phenylether
Concen: 46.760 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

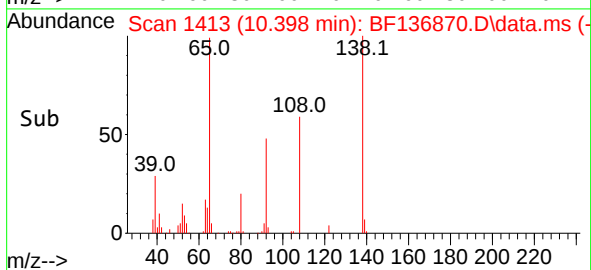
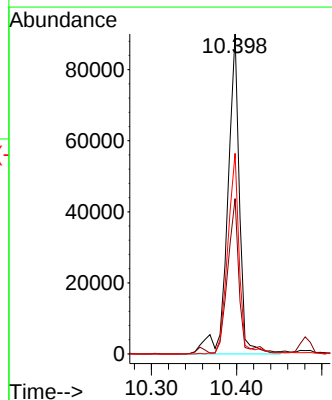
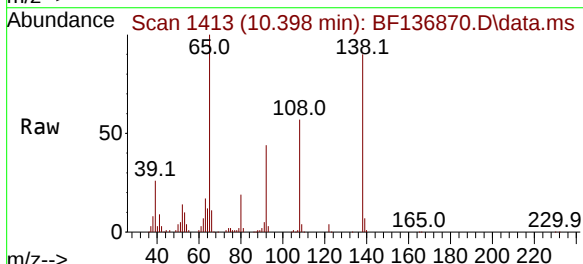
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

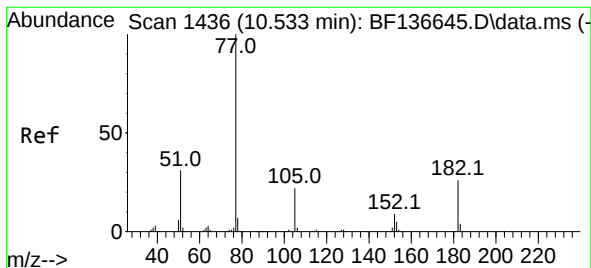
Tgt Ion:204 Resp: 188167
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 60.9 48.4 72.6



#62
4-Nitroaniline
Concen: 45.123 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:138 Resp: 86987
Ion Ratio Lower Upper
138 100
92 48.6 32.1 72.1
108 62.7 50.1 90.1





#63

Azobenzene

Concen: 45.813 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

Tgt Ion: 77 Resp: 369286

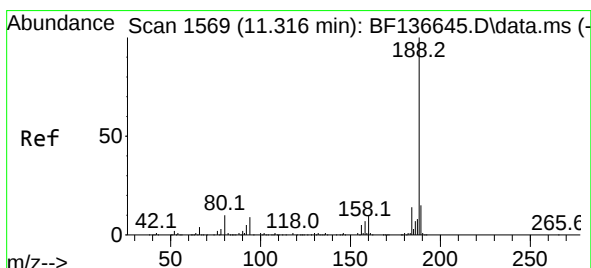
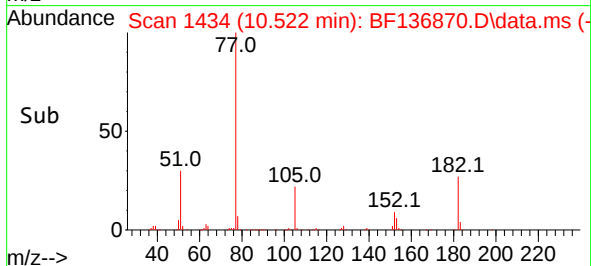
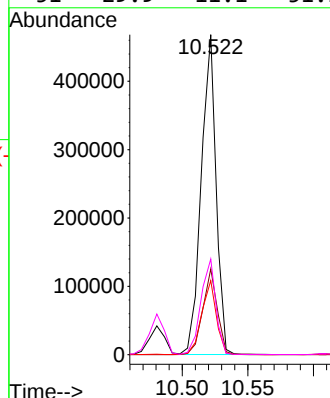
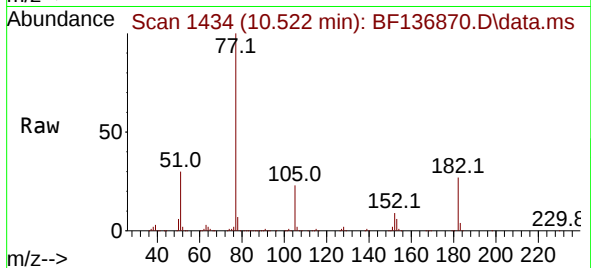
Ion Ratio Lower Upper

77 100

182 26.8 6.0 46.0

105 23.1 2.3 42.3

51 29.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

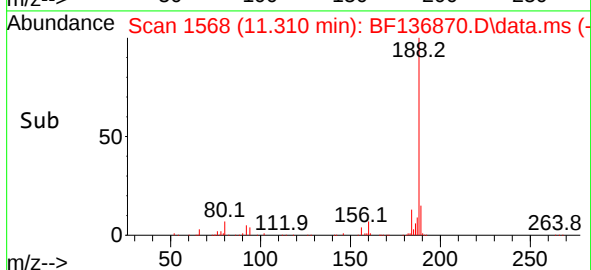
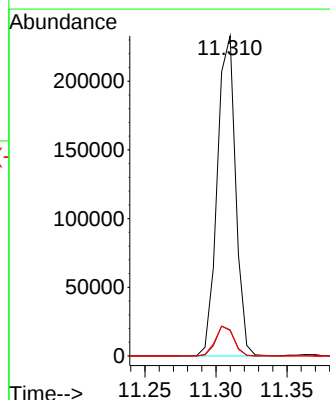
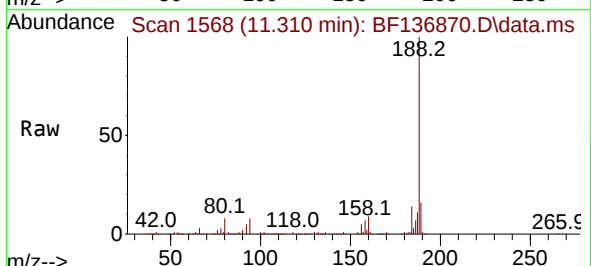
Tgt Ion: 188 Resp: 209369

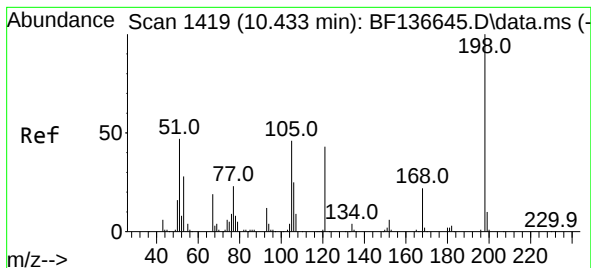
Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.0 8.1 12.1#

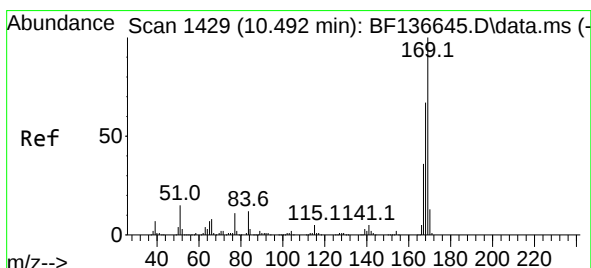
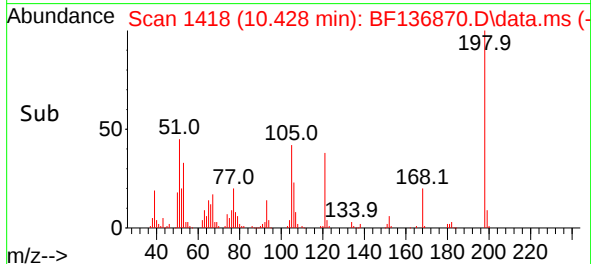
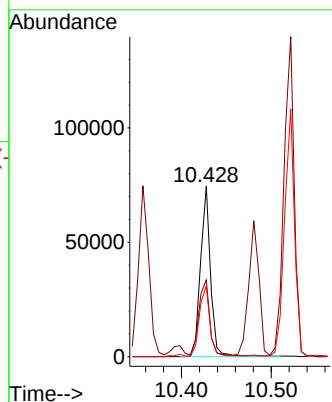
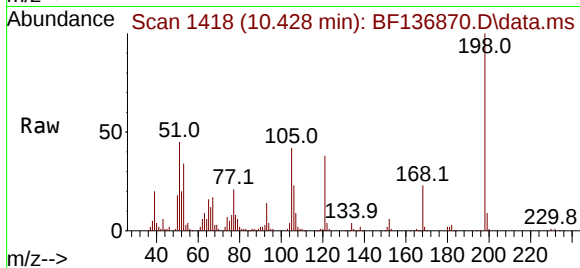




#65
4,6-Dinitro-2-methylphenol
Concen: 48.253 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

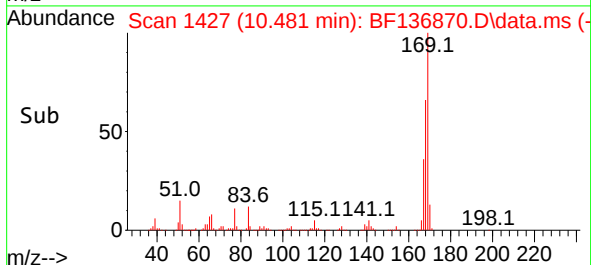
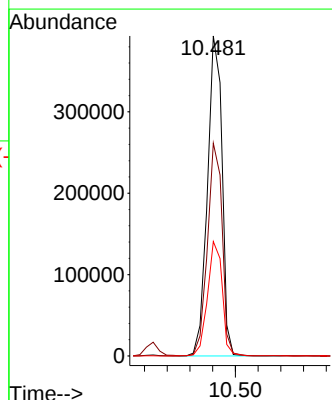
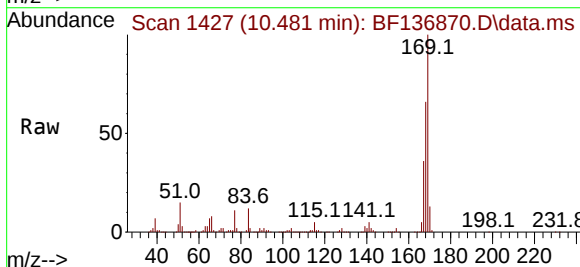
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

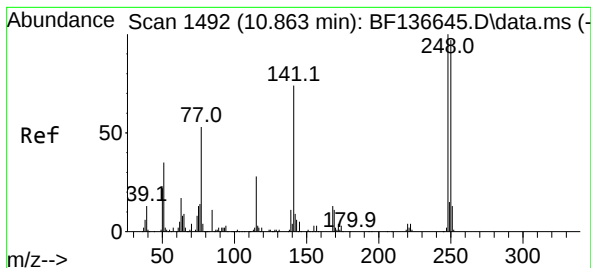
Tgt Ion:198 Resp: 57898
Ion Ratio Lower Upper
198 100
51 45.1 34.1 74.1
105 41.5 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 51.407 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:169 Resp: 349634
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 35.8 28.7 43.1

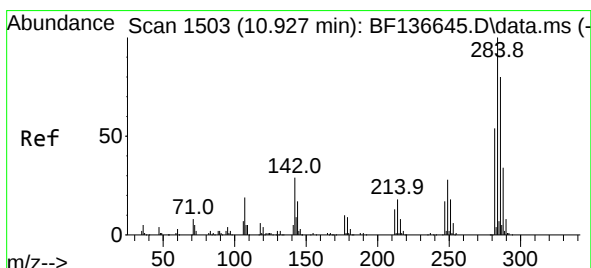
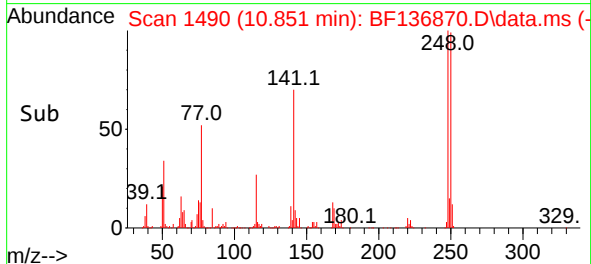
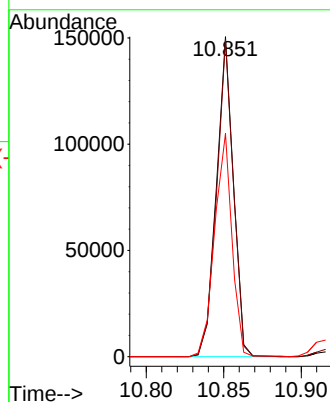
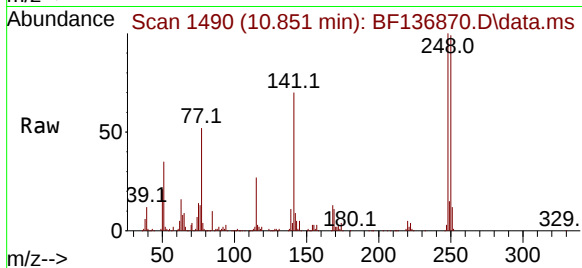




#67
4-Bromophenyl-phenylether
Concen: 49.416 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

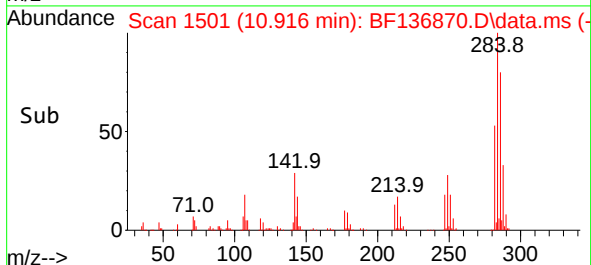
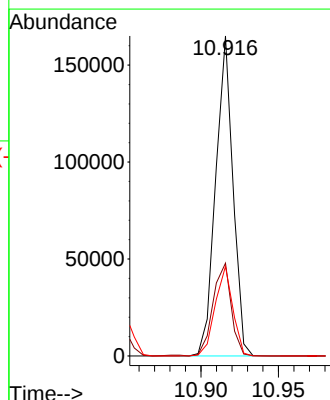
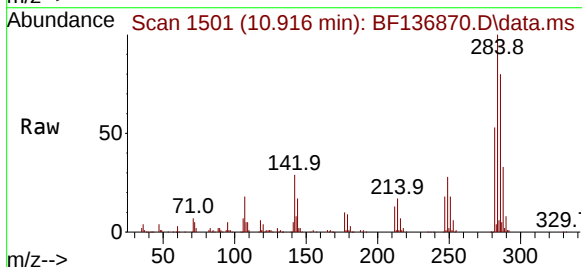
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

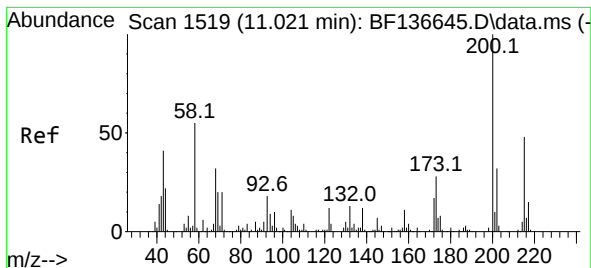
Tgt Ion:248 Resp: 114903
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 69.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 49.402 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:284 Resp: 128012
Ion Ratio Lower Upper
284 100
142 29.0 23.4 35.0
249 28.0 22.3 33.5





#69

Atrazine

Concen: 56.858 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

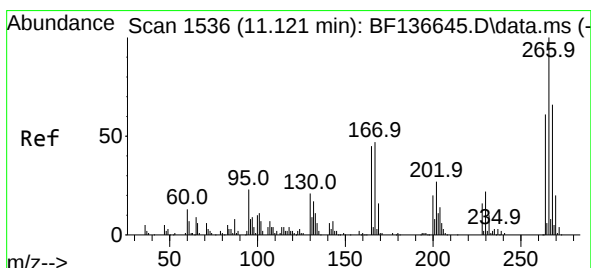
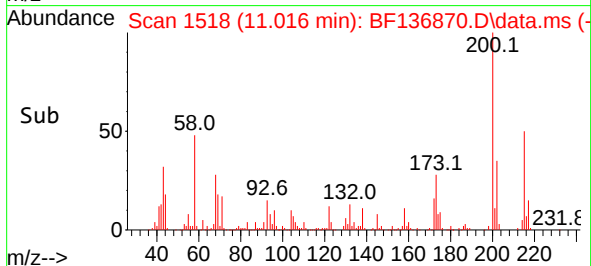
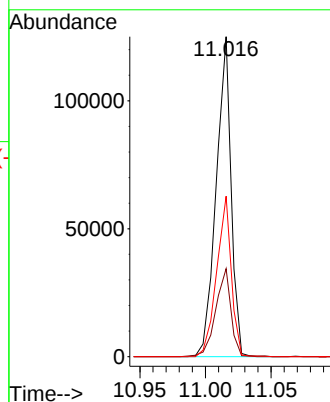
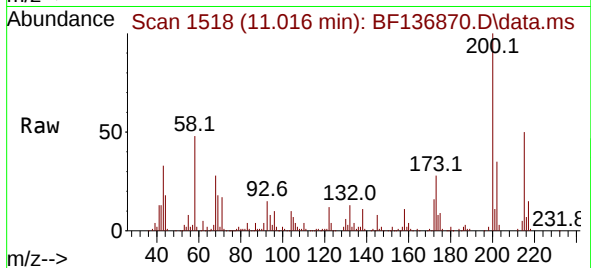
Tgt Ion:200 Resp: 98908

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

215 50.1 28.3 68.3



#70

Pentachlorophenol

Concen: 100.738 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

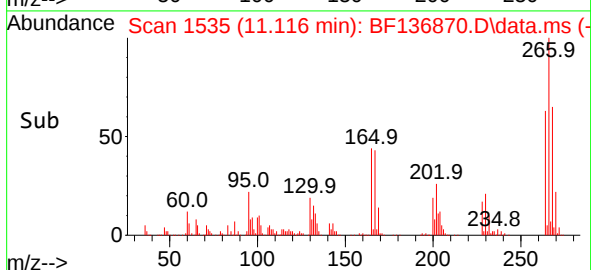
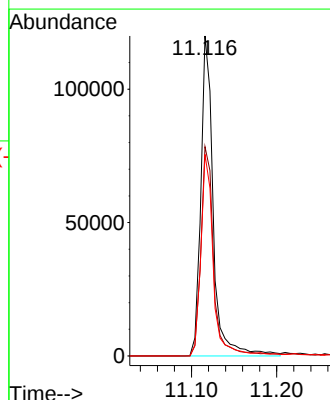
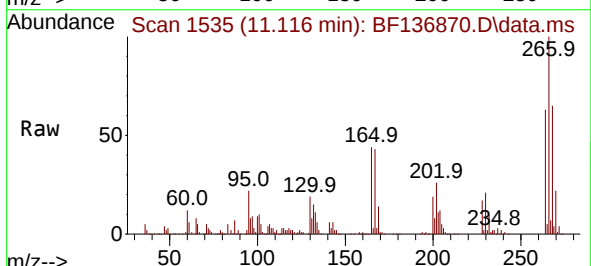
Tgt Ion:266 Resp: 121672

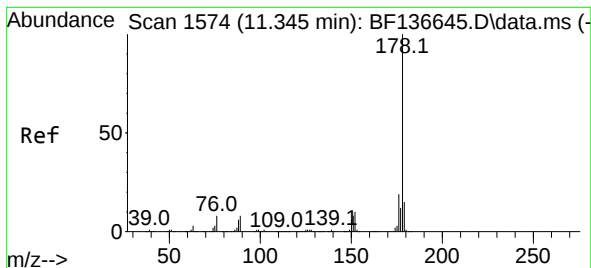
Ion Ratio Lower Upper

266 100

268 65.4 52.6 78.8

264 63.0 49.0 73.4





#71

Phenanthrene

Concen: 50.652 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

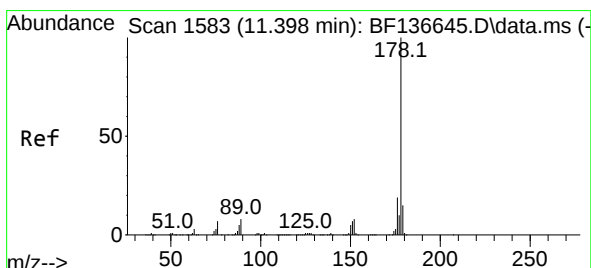
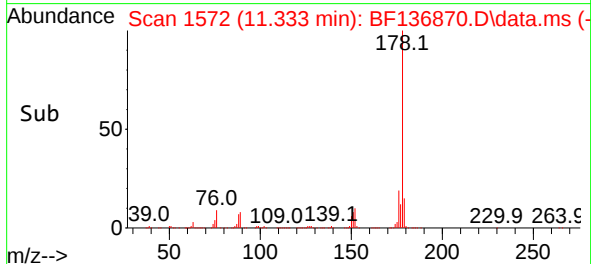
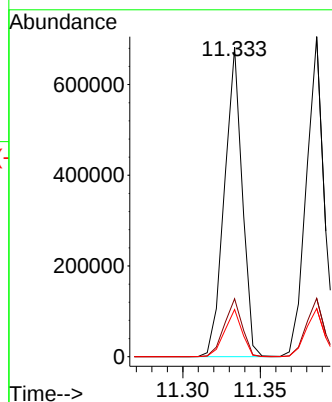
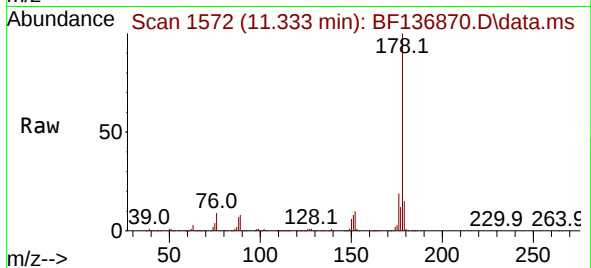
Tgt Ion:178 Resp: 544148

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 50.795 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

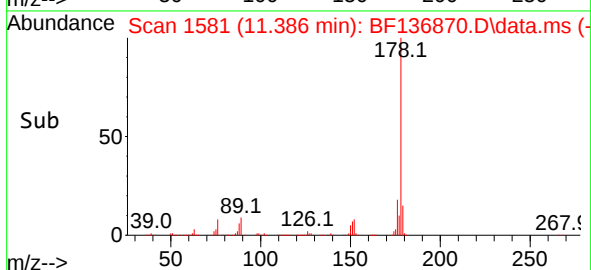
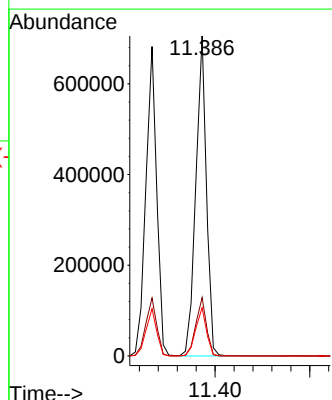
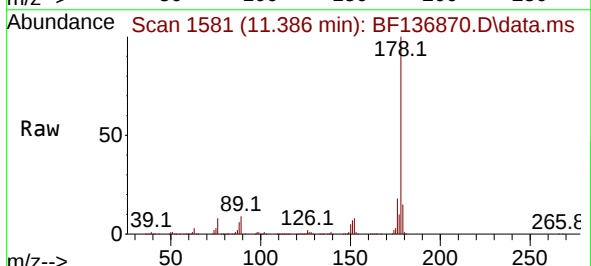
Tgt Ion:178 Resp: 552634

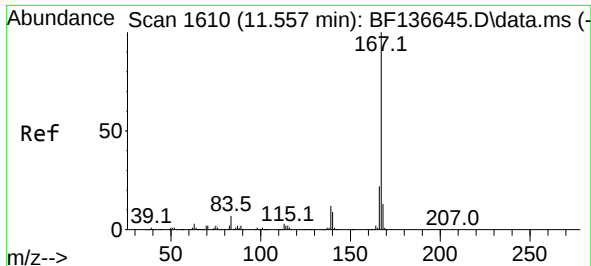
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.1 11.8 17.6

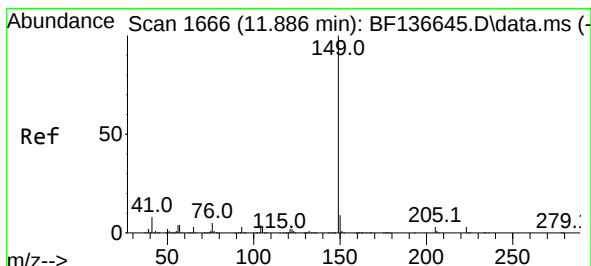
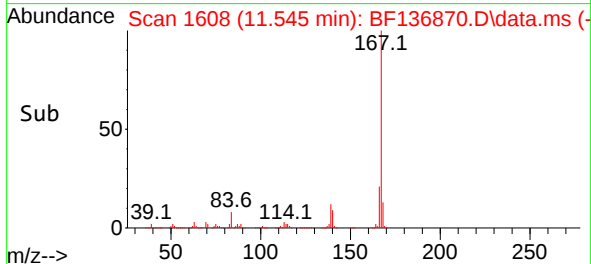
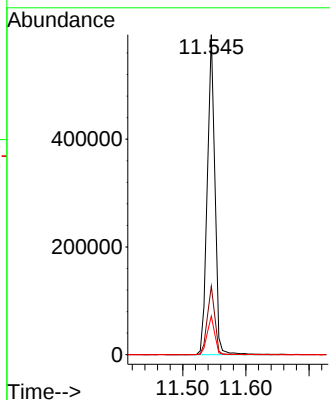
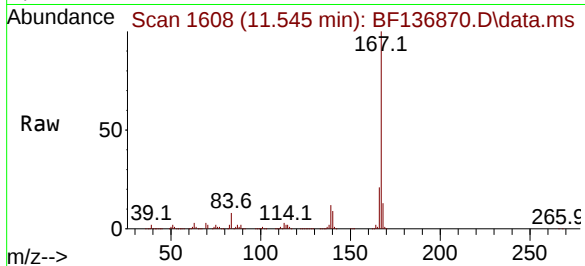




#73
 Carbazole
 Concen: 48.825 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136870.D
 Acq: 02 Jan 2024 14:32

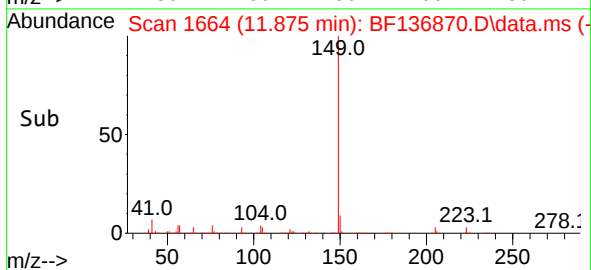
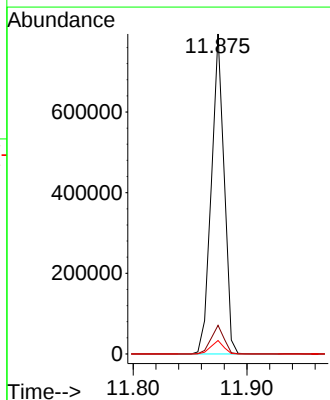
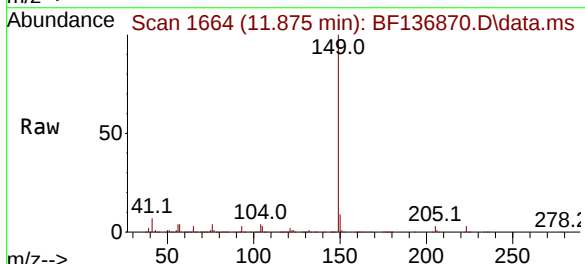
Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2MSD

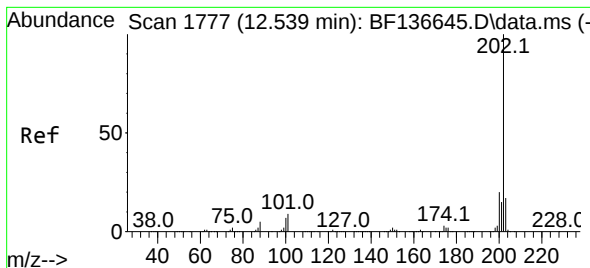
Tgt Ion:167 Resp: 500819
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 49.423 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136870.D
 Acq: 02 Jan 2024 14:32

Tgt Ion:149 Resp: 618615
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 46.893 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

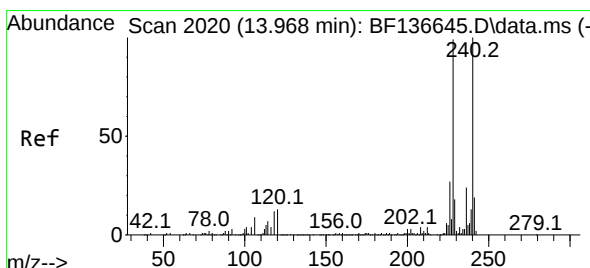
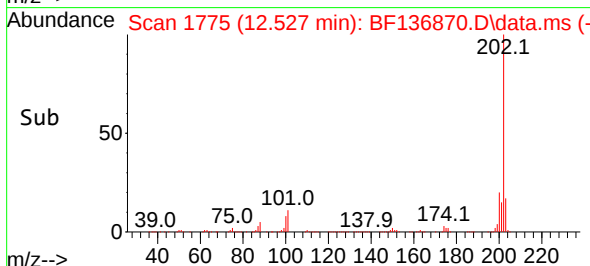
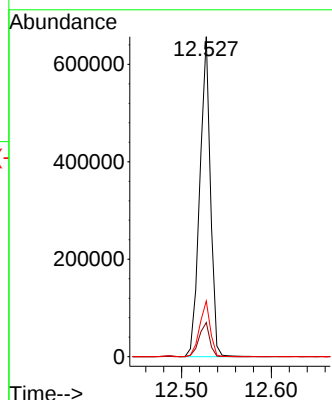
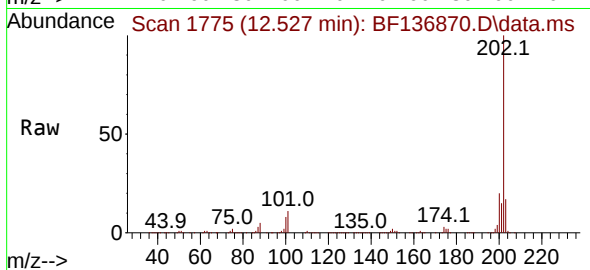
Tgt Ion:202 Resp: 538850

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.3

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

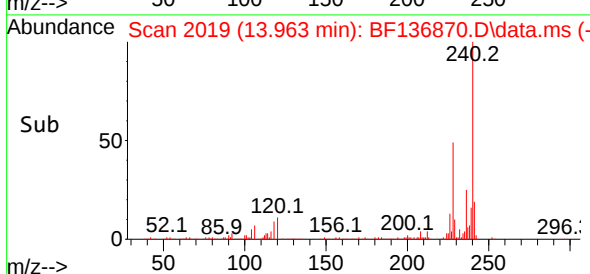
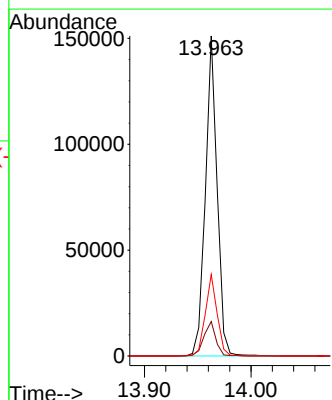
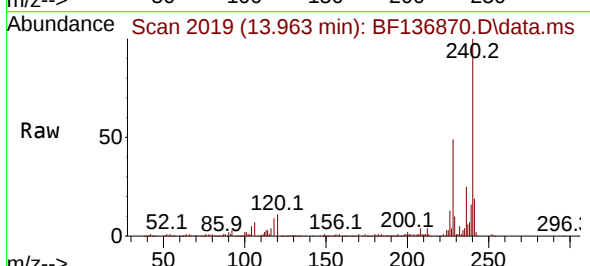
Tgt Ion:240 Resp: 116077

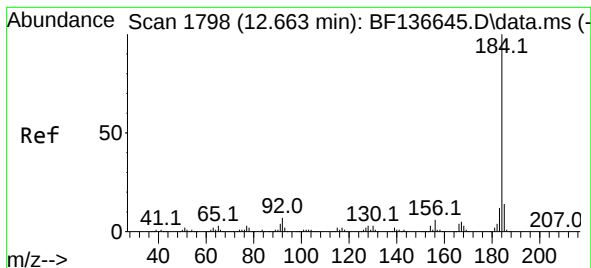
Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

236 25.4 19.4 29.2





#77

Benzidine

Concen: 17.711 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

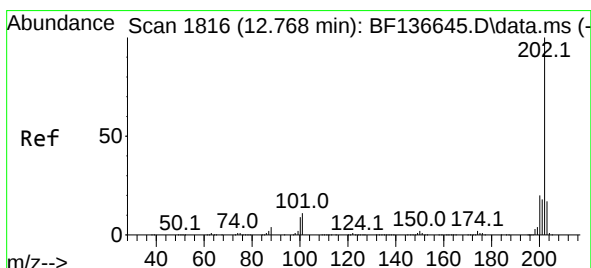
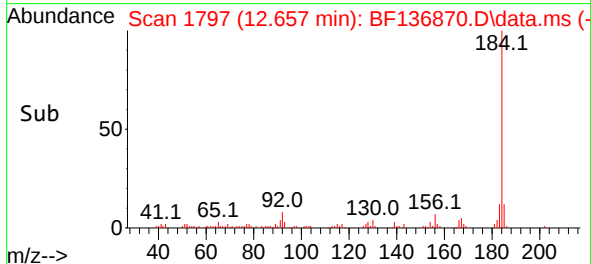
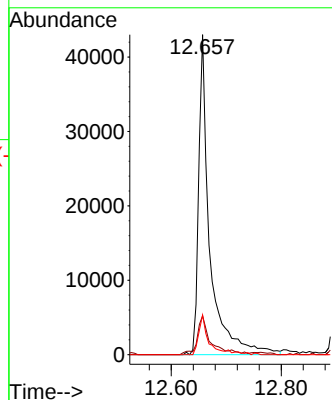
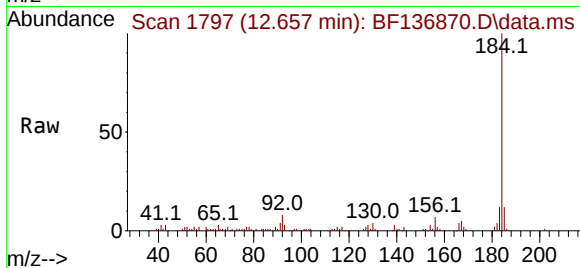
Tgt Ion:184 Resp: 60617

Ion Ratio Lower Upper

184 100

185 12.2 11.2 16.8

183 12.4 9.3 13.9



#78

Pyrene

Concen: 47.818 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

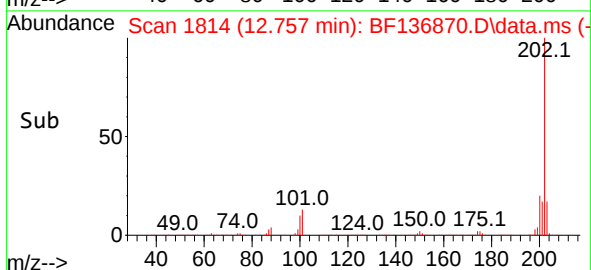
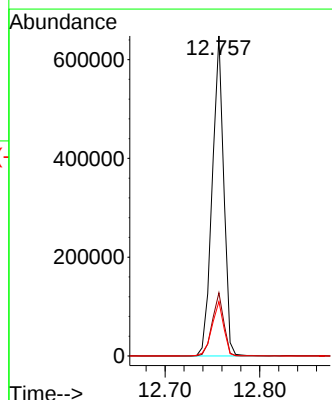
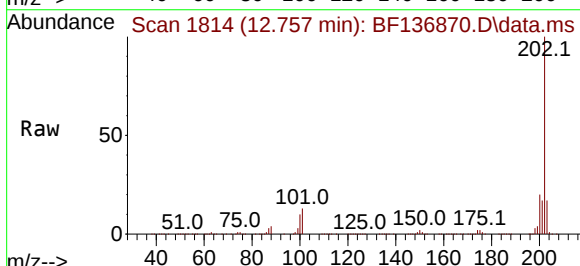
Tgt Ion:202 Resp: 544884

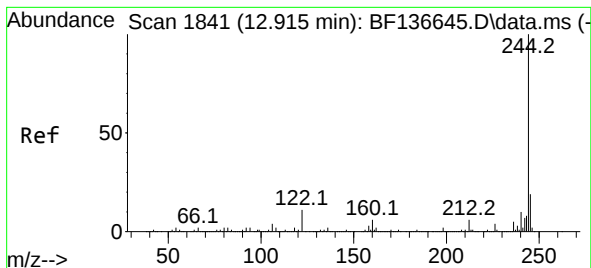
Ion Ratio Lower Upper

202 100

200 19.7 15.9 23.9

203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 95.790 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

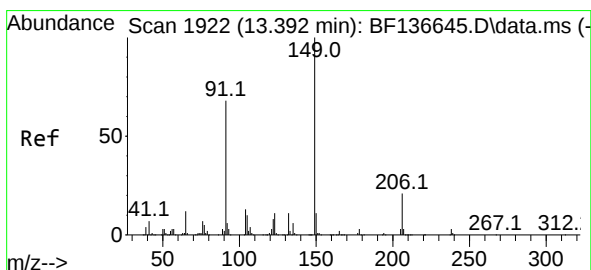
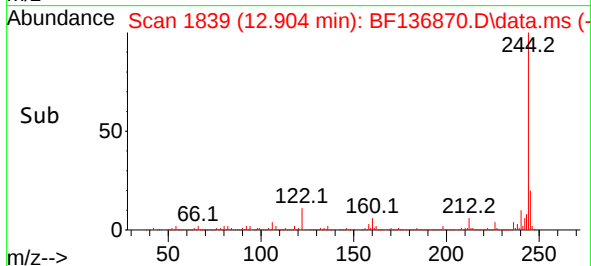
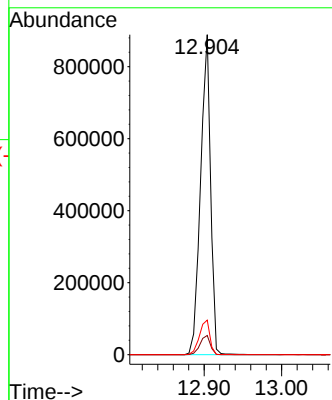
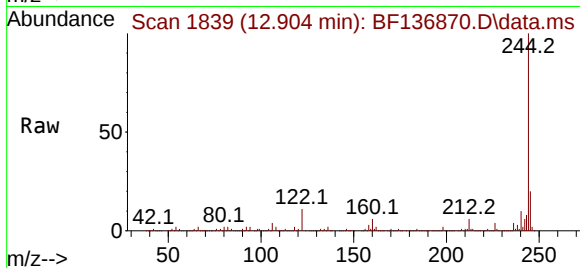
Tgt Ion:244 Resp: 795657

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 49.211 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

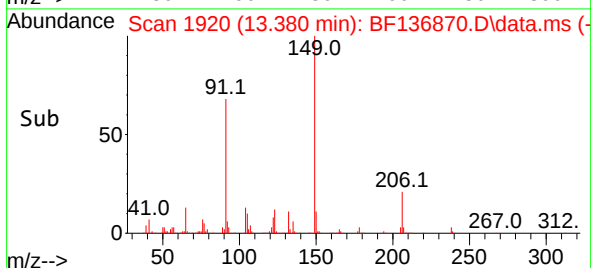
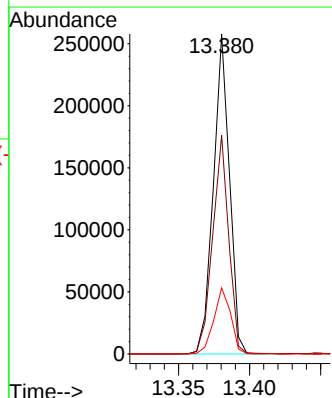
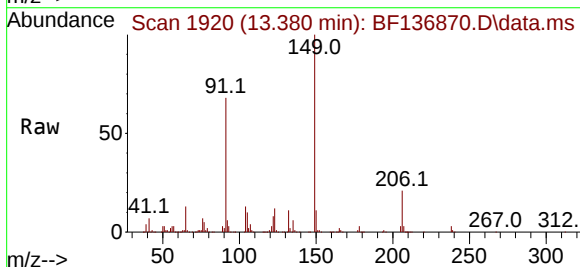
Tgt Ion:149 Resp: 204042

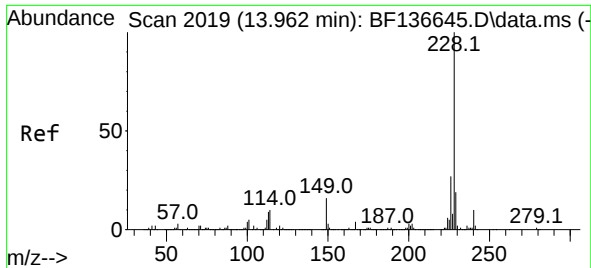
Ion Ratio Lower Upper

149 100

91 68.3 54.1 81.1

206 20.7 17.1 25.7

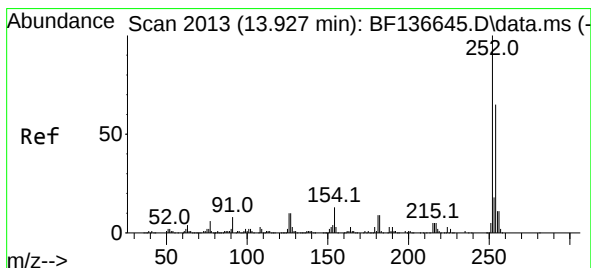
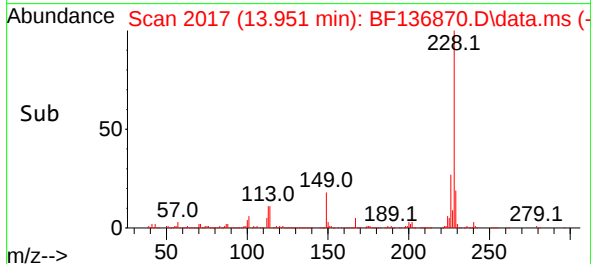
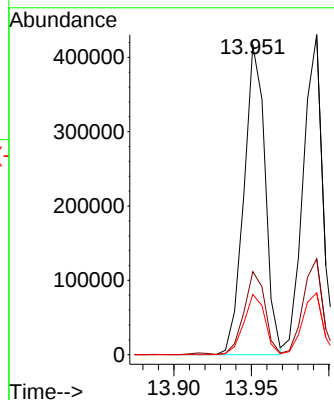
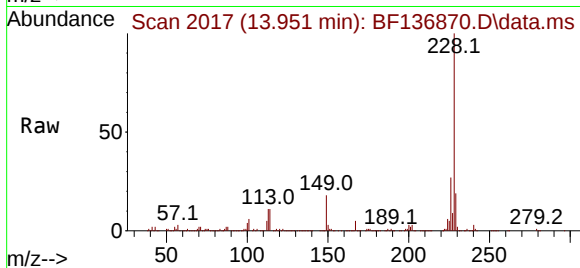




#81
Benzo(a)anthracene
Concen: 49.139 ng
RT: 13.951 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

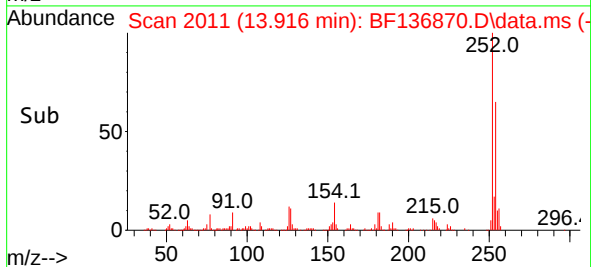
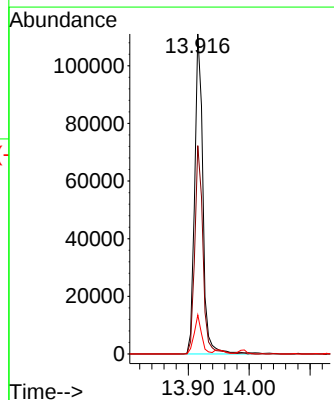
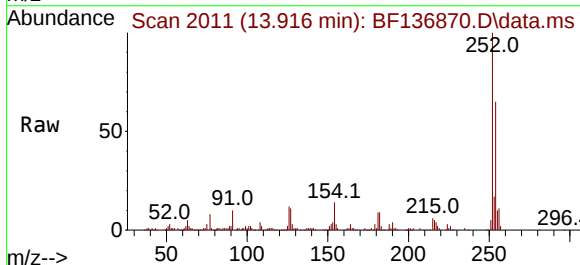
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

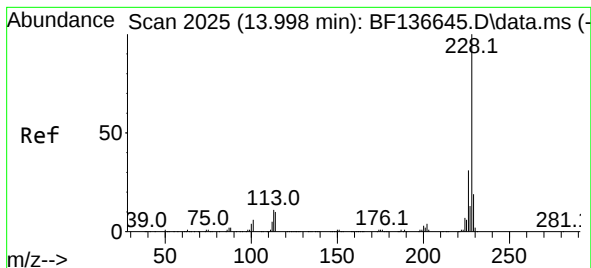
Tgt Ion:228 Resp: 396072
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.5 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 45.360 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:252 Resp: 103830
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.4
126 12.2 8.0 12.0#





#83

Chrysene

Concen: 47.736 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

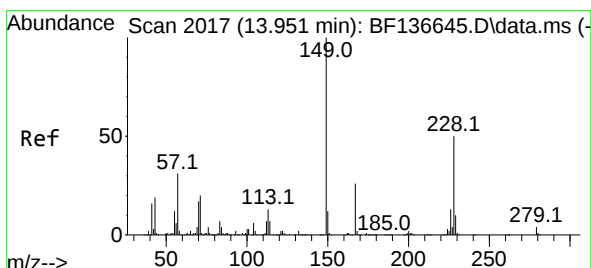
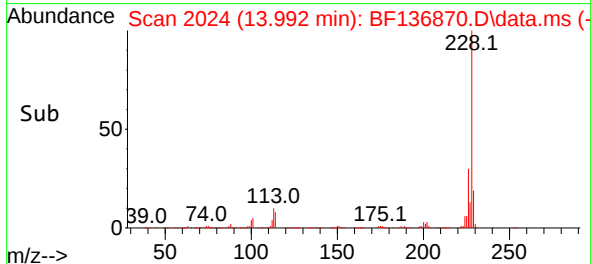
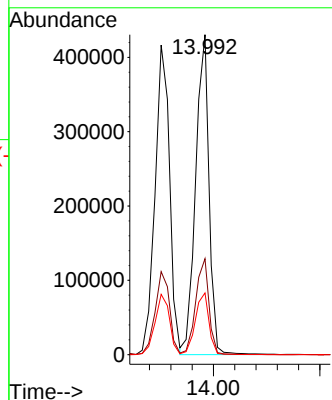
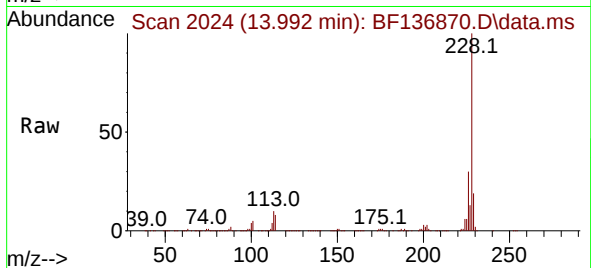
Tgt Ion:228 Resp: 376259

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.490 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

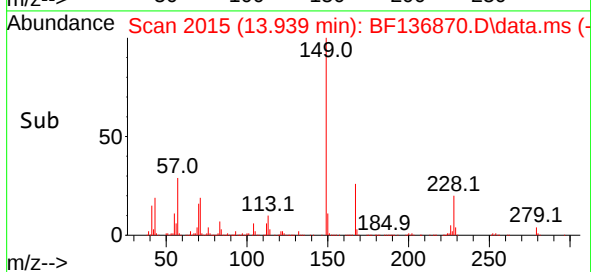
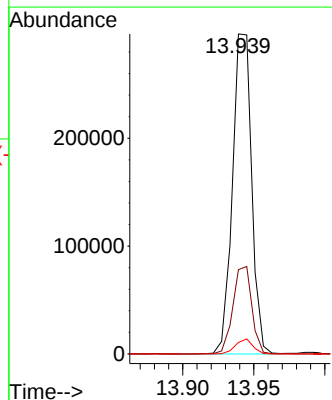
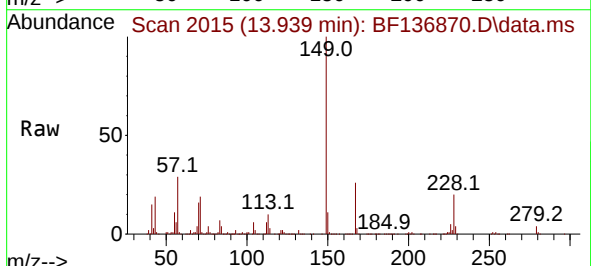
Tgt Ion:149 Resp: 279044

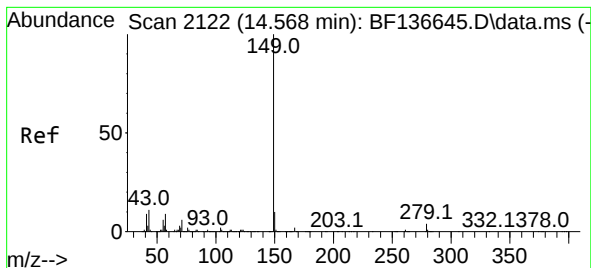
Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 54.030 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

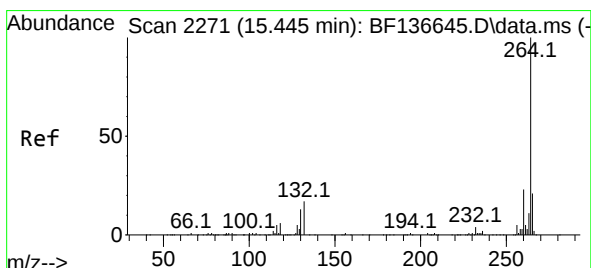
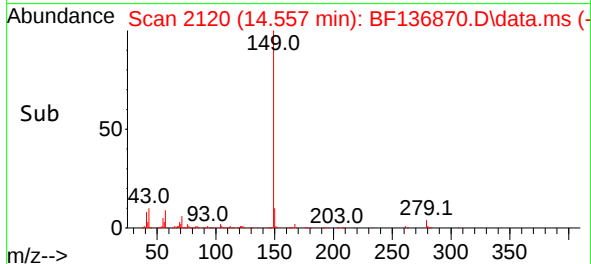
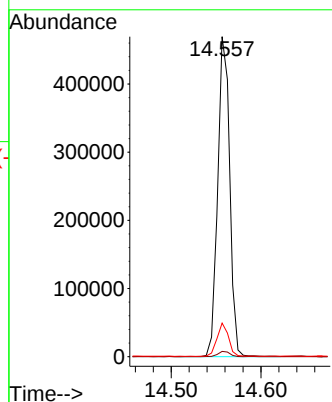
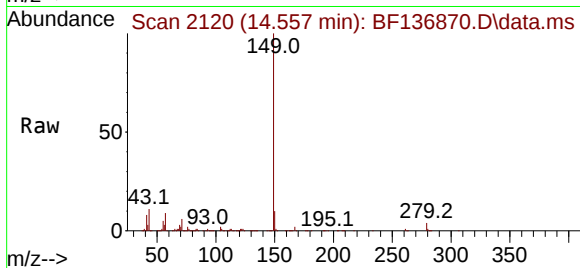
Tgt Ion:149 Resp: 435997

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

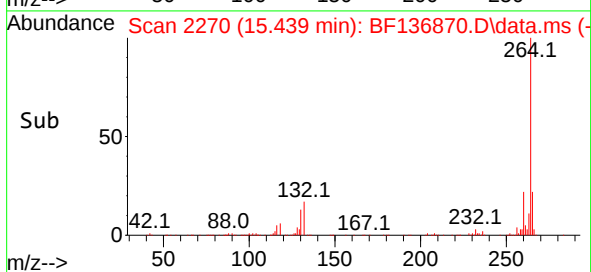
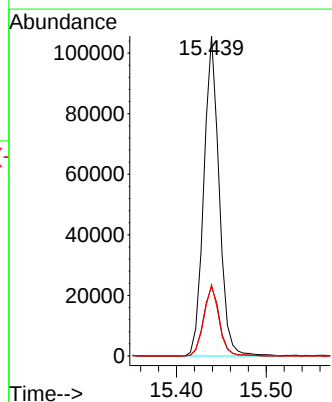
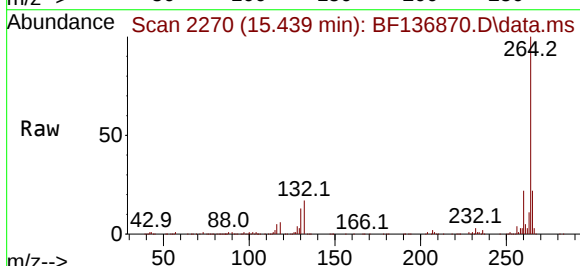
Tgt Ion:264 Resp: 125293

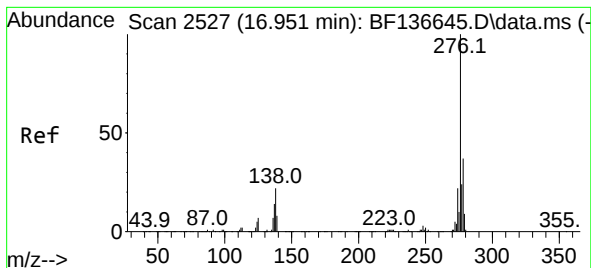
Ion Ratio Lower Upper

264 100

260 21.6 18.3 27.5

265 22.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.635 ng

RT: 16.951 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2MSD

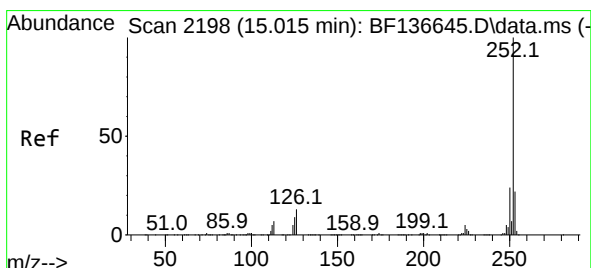
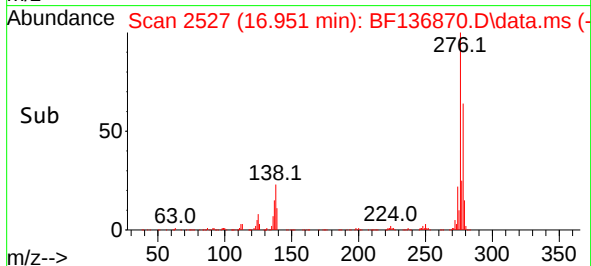
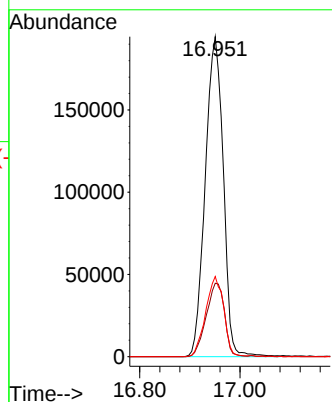
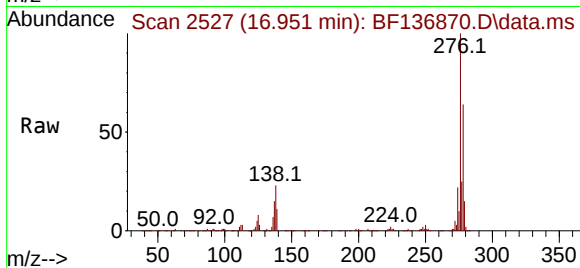
Tgt Ion:276 Resp: 485201

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.065 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136870.D

Acq: 02 Jan 2024 14:32

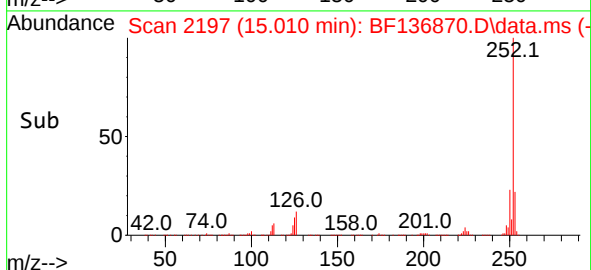
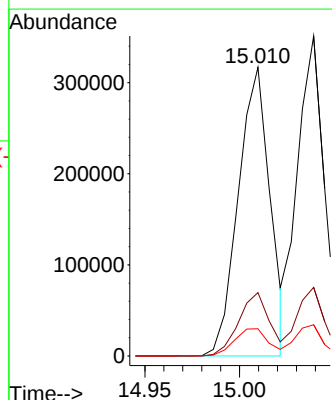
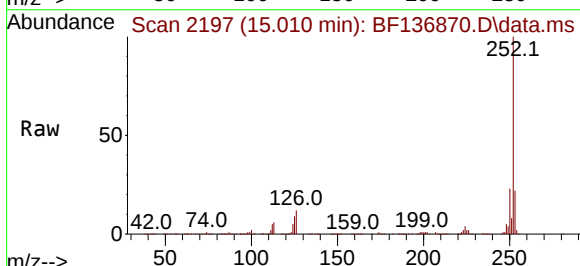
Tgt Ion:252 Resp: 368754

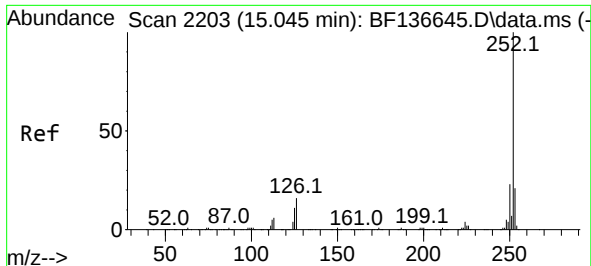
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.4 7.4 11.2

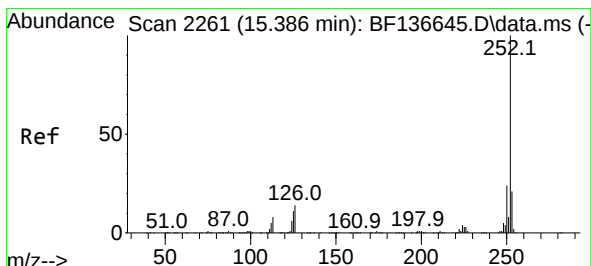
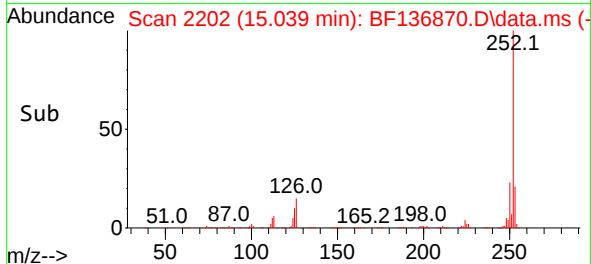
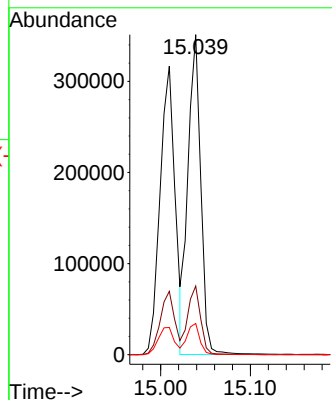
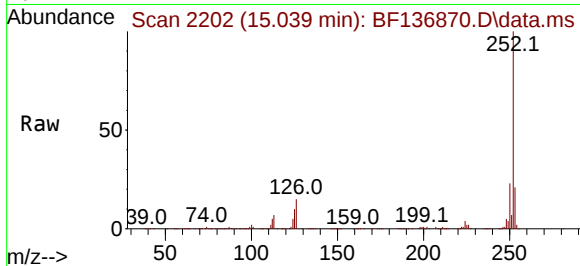




#89
Benzo(k)fluoranthene
Concen: 43.952 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

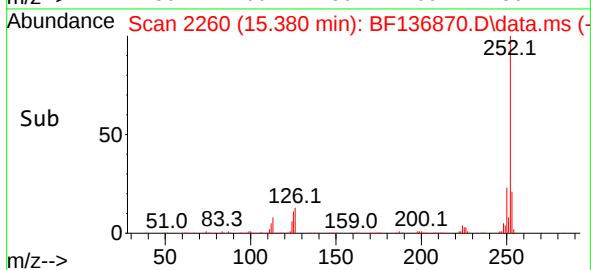
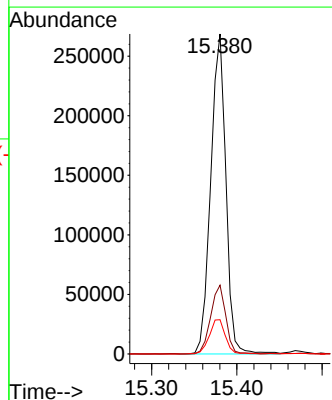
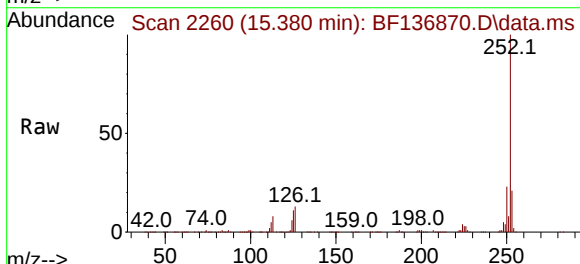
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

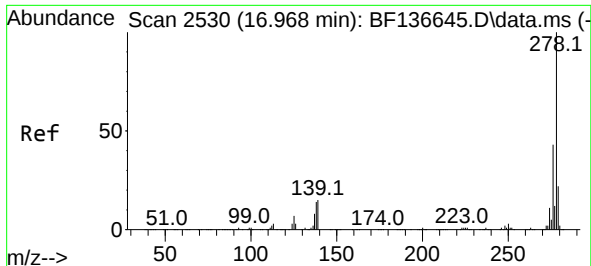
Tgt Ion:252 Resp: 347544
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.988 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:252 Resp: 331915
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.7 8.8 13.2

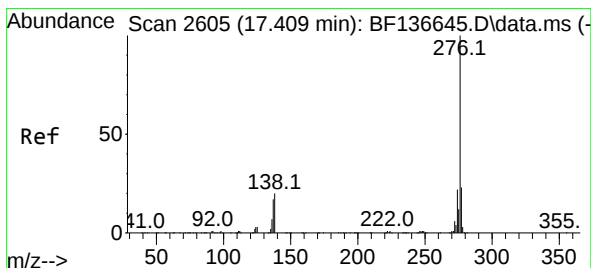
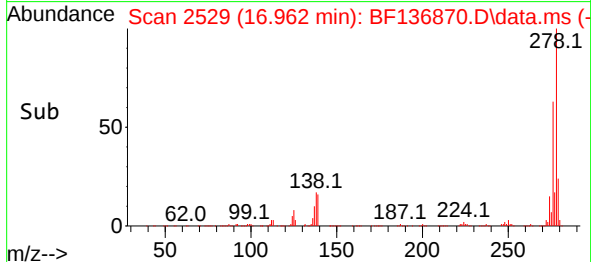
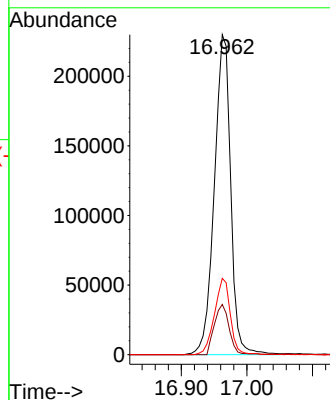
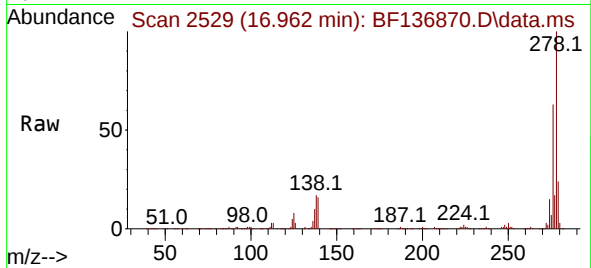




#91
Dibenzo(a,h)anthracene
Concen: 53.474 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

Tgt Ion:278 Resp: 396862
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 52.491 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136870.D
Acq: 02 Jan 2024 14:32

Tgt Ion:276 Resp: 399002
Ion Ratio Lower Upper
276 100
277 22.6 18.3 27.5
138 19.3 15.6 23.4

