

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137086.D
 Acq On : 16 Jan 2024 18:38
 Operator : CG\JU
 Sample : P1147-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-EMS

Quant Time: Jan 17 02:01:11 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	6.786	152	49979	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	180785	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	76161	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	122393	20.000	ng	0.00
76) Chrysene-d12	13.974	240	105463	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	131664	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	255036	79.619	ng	0.00
7) Phenol-d6	6.439	99	307997	74.206	ng	0.00
23) Nitrobenzene-d5	7.345	82	184573	52.243	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	64464	71.869	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	349962	61.802	ng	-0.01
79) Terphenyl-d14	12.904	244	301990	40.016	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.598	88	56587	42.399	ng	97
3) Pyridine	3.369	79	127176	39.054	ng	97
4) n-Nitrosodimethylamine	3.340	42	70253	40.399	ng	99
6) Aniline	6.451	93	122485	29.516	ng	# 12
8) 2-Chlorophenol	6.581	128	145722	41.571	ng	92
9) Benzaldehyde	6.345	77	19942	8.447	ng	93
10) Phenol	6.451	94	175470	39.603	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	137999	40.955	ng	97
12) 1,3-Dichlorobenzene	6.804	146	164299	42.965	ng	96
13) 1,4-Dichlorobenzene	6.804	146	164299	42.050	ng	96
14) 1,2-Dichlorobenzene	6.951	146	151515	41.674	ng	99
15) Benzyl Alcohol	6.933	79	112753	40.267	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	215365	39.094	ng	66
17) 2-Methylphenol	7.051	107	113590	39.116	ng	95
18) Hexachloroethane	7.286	117	57694	40.658	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	95997	38.154	ng	96
20) 3+4-Methylphenols	7.204	107	140478	38.721	ng	# 60
22) Acetophenone	7.192	105	206625	45.599	ng	# 88
24) Nitrobenzene	7.369	77	143315	40.495	ng	96
25) Isophorone	7.604	82	250693	38.997	ng	99
26) 2-Nitrophenol	7.680	139	73693	43.521	ng	97
27) 2,4-Dimethylphenol	7.722	122	103801	50.354	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	160857	41.165	ng	99
29) 2,4-Dichlorophenol	7.928	162	106109	39.982	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	125286	42.370	ng	99
31) Naphthalene	8.080	128	413041	41.588	ng	99
32) Benzoic acid	7.857	122	63781	31.977	ng	99
33) 4-Chloroaniline	8.139	127	49961	13.624	ng	96
34) Hexachlorobutadiene	8.192	225	75034	41.765	ng	99
35) Caprolactam	8.510	113	31323	35.777	ng	# 85
36) 4-Chloro-3-methylphenol	8.633	107	105001	35.144	ng	99
37) 2-Methylnaphthalene	8.775	142	246056	38.495	ng	99
38) 1-Methylnaphthalene	8.875	142	238244	37.992	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	120891	51.254	ng	99
41) Hexachlorocyclopentadiene	8.922	237	53885	72.162	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	65138	43.062	ng	97

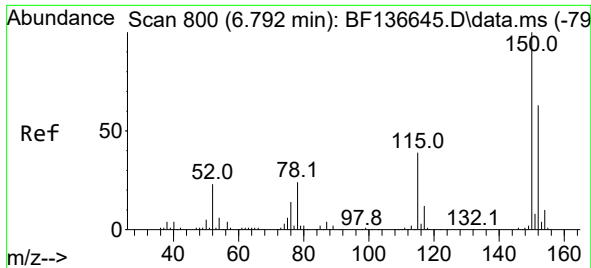
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	66141	39.238	ng	96
46) 1,1'-Biphenyl	9.239	154	306599	47.973	ng	99
47) 2-Chloronaphthalene	9.269	162	220905	45.467	ng	96
48) 2-Nitroaniline	9.369	65	61521	40.436	ng	97
49) Acenaphthylene	9.680	152	350731	47.228	ng	98
50) Dimethylphthalate	9.539	163	229290	41.217	ng	99
51) 2,6-Dinitrotoluene	9.610	165	50754	40.200	ng	92
52) Acenaphthene	9.851	154	199227	43.278	ng	97
53) 3-Nitroaniline	9.780	138	34934	26.121	ng	96
54) 2,4-Dinitrophenol	9.904	184	34531	50.781	ng	99
55) Dibenzofuran	10.027	168	293990	42.130	ng	97
56) 4-Nitrophenol	9.969	139	41683	46.169	ng	94
57) 2,4-Dinitrotoluene	10.022	165	60073	36.652	ng	95
58) Fluorene	10.369	166	225446	40.717	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	47905	36.919	ng	99
60) Diethylphthalate	10.239	149	216489	37.507	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	111046	41.261	ng	93
62) 4-Nitroaniline	10.398	138	42433	32.912	ng	94
63) Azobenzene	10.521	77	203568	37.761	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	26681	38.038	ng	96
66) n-Nitrosodiphenylamine	10.480	169	190060	47.803	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	60151	44.253	ng	98
68) Hexachlorobenzene	10.921	284	65023	42.926	ng	97
69) Atrazine	11.016	200	55077	54.161	ng	98
70) Pentachlorophenol	11.127	266	42139	59.682	ng	99
71) Phenanthrene	11.339	178	277513	44.189	ng	98
72) Anthracene	11.392	178	284966	44.806	ng	99
73) Carbazole	11.551	167	254701	42.476	ng	99
74) Di-n-butylphthalate	11.874	149	313394	42.831	ng	99
75) Fluoranthene	12.533	202	305676	45.504	ng	98
77) Benzidine	12.663	184	132272	42.536	ng	98
78) Pyrene	12.763	202	313608	30.292	ng	99
80) Butylbenzylphthalate	13.386	149	136821	36.320	ng	97
81) Benzo(a)anthracene	13.962	228	327726	44.752	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	84045	40.411	ng	99
83) Chrysene	14.004	228	307080	42.880	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	209961	44.298	ng	96
85) Di-n-octyl phthalate	14.562	149	393083	53.614	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	404113	42.510	ng	99
88) Benzo(b)fluoranthene	15.027	252	374598	42.597	ng	99
89) Benzo(k)fluoranthene	15.056	252	306317	36.864	ng	98
90) Benzo(a)pyrene	15.404	252	312553	42.106	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	334016	42.828	ng	97
92) Benzo(g,h,i)perylene	17.462	276	308077	38.568	ng	100

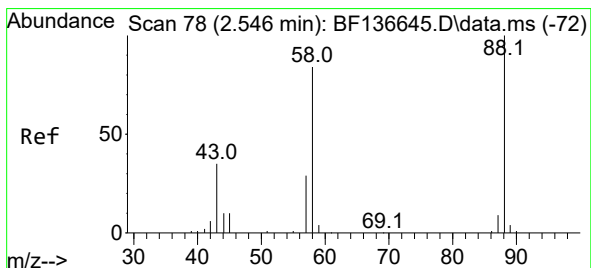
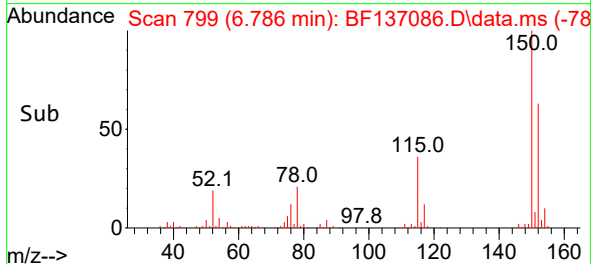
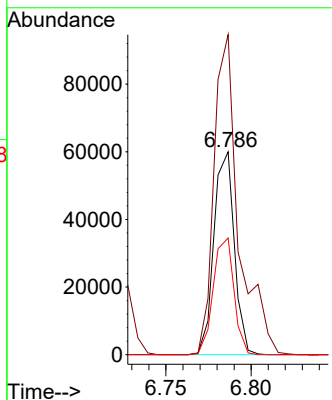
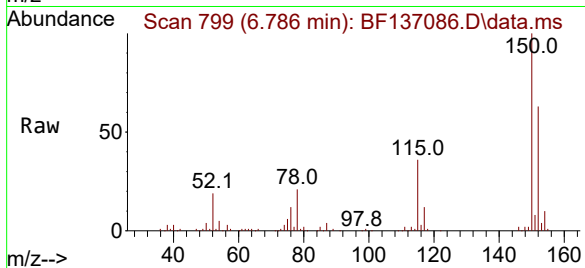
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137086.D
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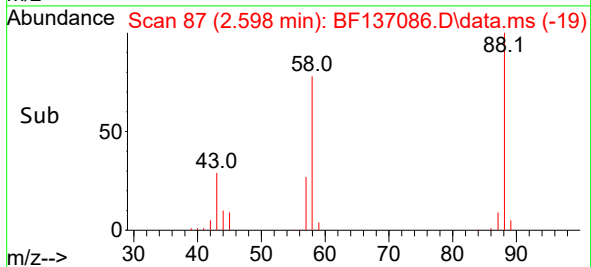
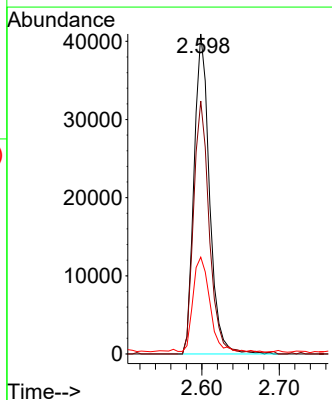
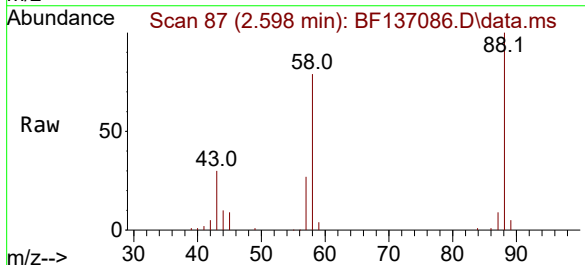
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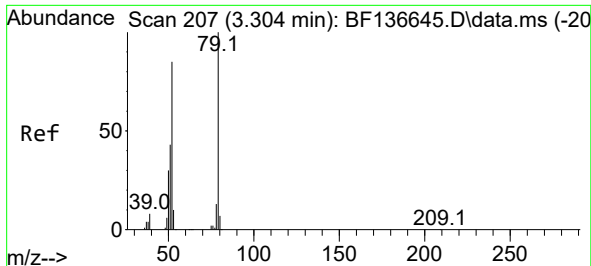
Tgt Ion:152 Resp: 49979
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.0 190.6
 115 57.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 42.399 ng
 RT: 2.598 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF137086.D
 Acq: 16 Jan 2024 18:38

Tgt Ion: 88 Resp: 56587
 Ion Ratio Lower Upper
 88 100
 58 81.1 67.4 101.0
 43 33.2 27.7 41.5

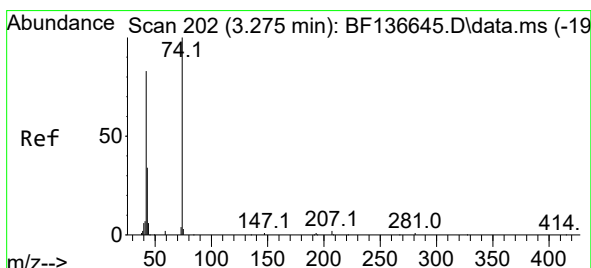
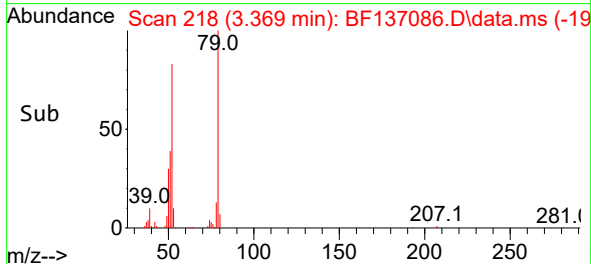
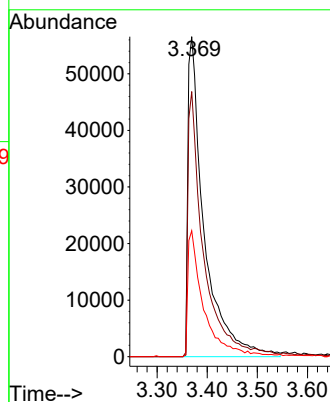
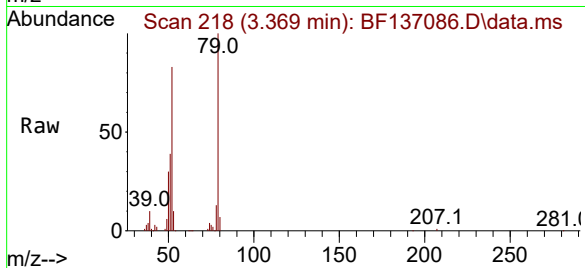




#3
Pyridine
Concen: 39.054 ng
RT: 3.369 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

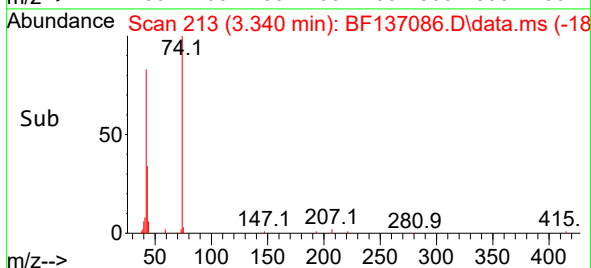
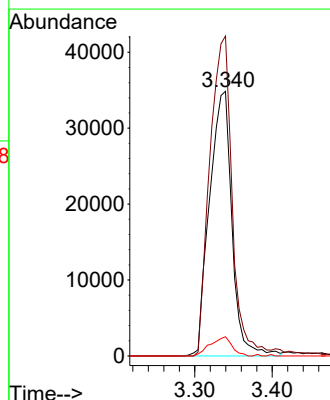
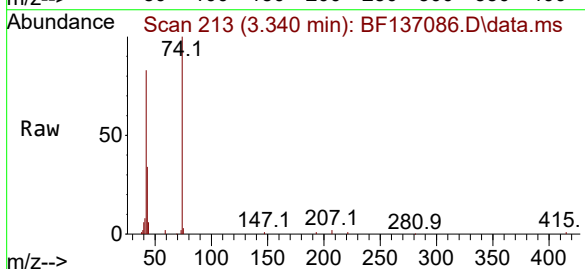
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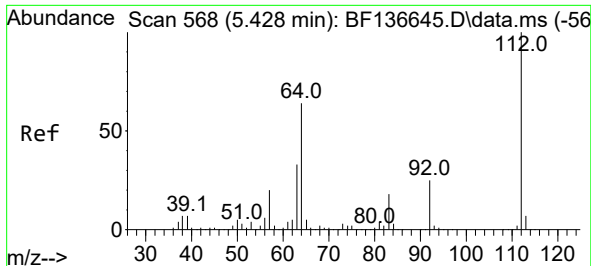
Tgt Ion: 79 Resp: 127176
Ion Ratio Lower Upper
79 100
52 82.8 67.7 101.5
51 39.3 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 40.399 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 42 Resp: 70253
Ion Ratio Lower Upper
42 100
74 120.9 96.0 144.0
44 7.2 5.4 8.2

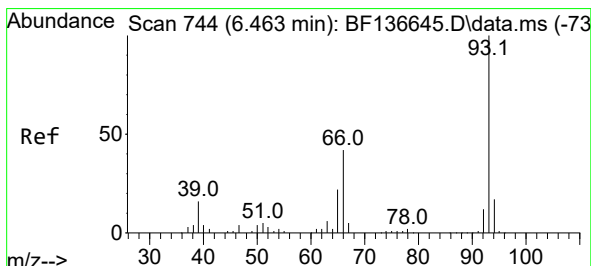
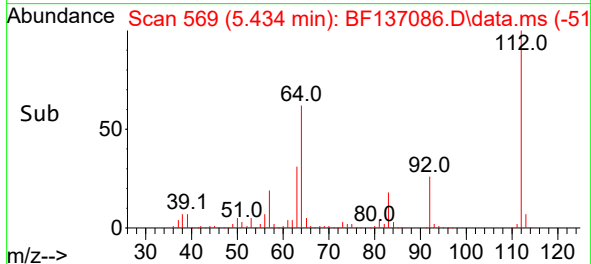
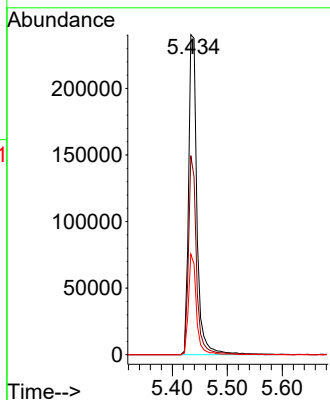
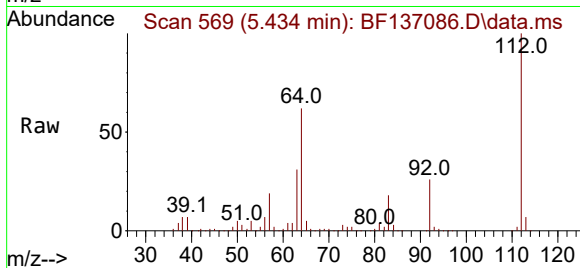




#5
2-Fluorophenol
Concen: 79.619 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

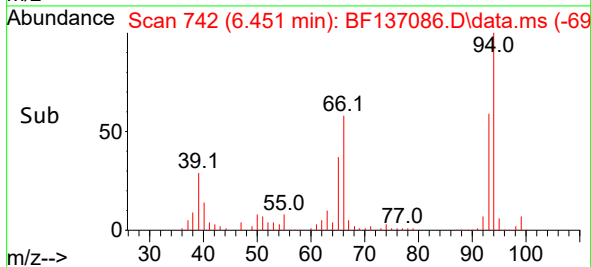
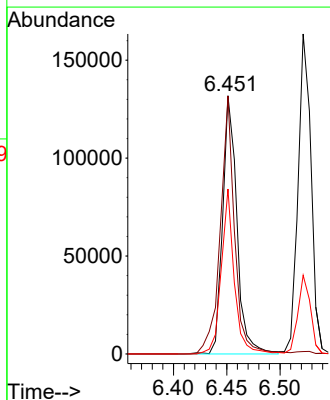
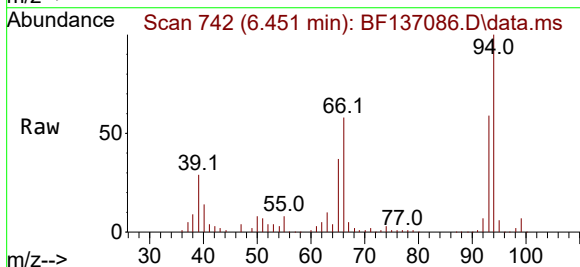
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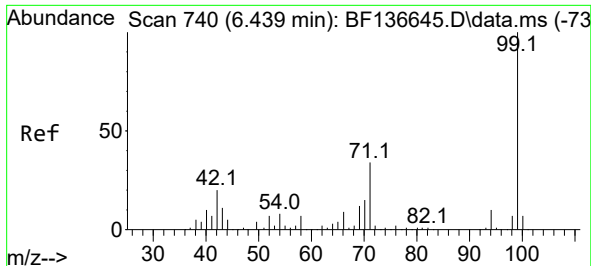
Tgt Ion:112 Resp: 255036
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 31.4 26.1 39.1



#6
Aniline
Concen: 29.516 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 93 Resp: 122485
Ion Ratio Lower Upper
93 100
66 99.9 34.6 51.8#
65 63.9 17.8 26.8#

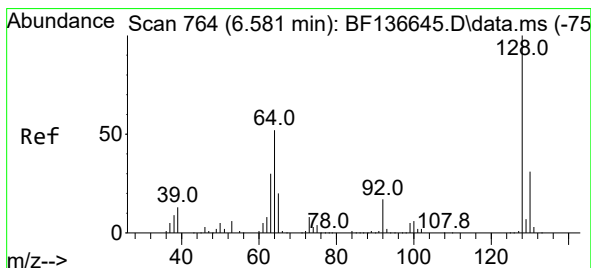
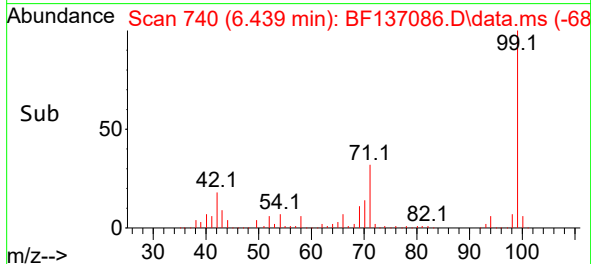
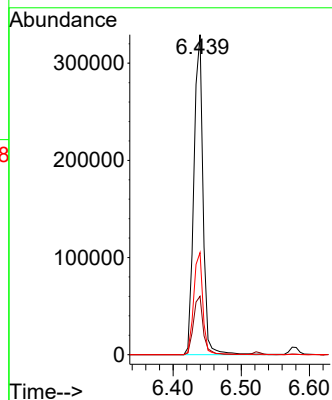
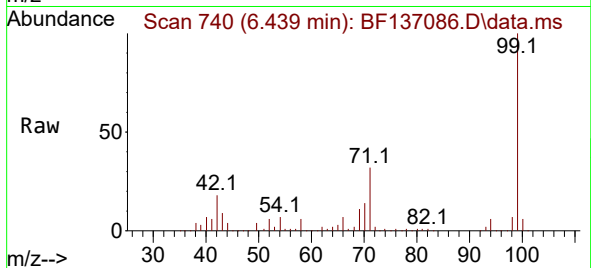




#7
Phenol-d6
Concen: 74.206 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

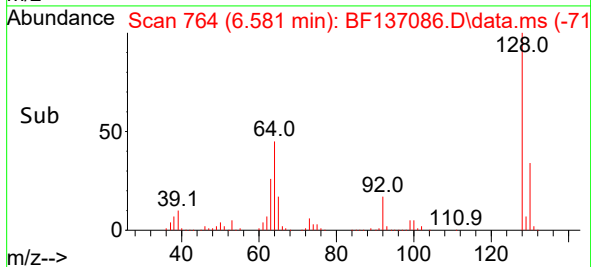
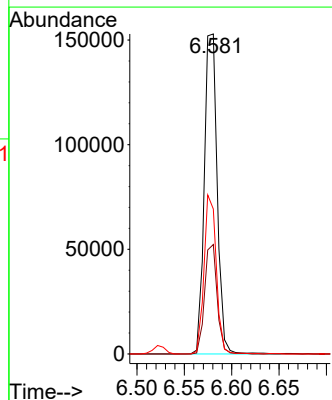
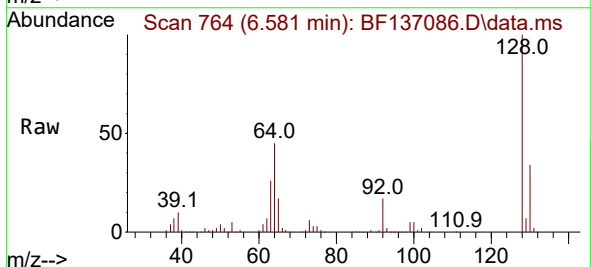
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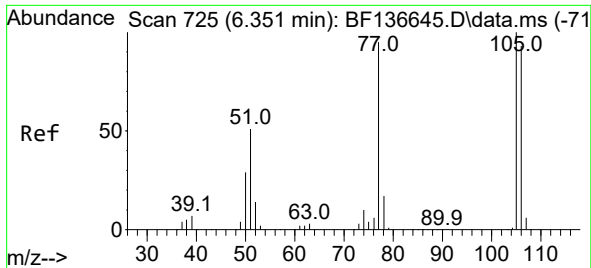
Tgt Ion: 99 Resp: 307997
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.9 27.4 41.2



#8
2-Chlorophenol
Concen: 41.571 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:128 Resp: 145722
Ion Ratio Lower Upper
128 100
130 34.2 11.3 51.3
64 45.3 32.5 72.5

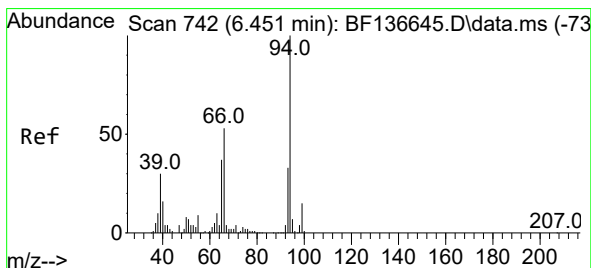
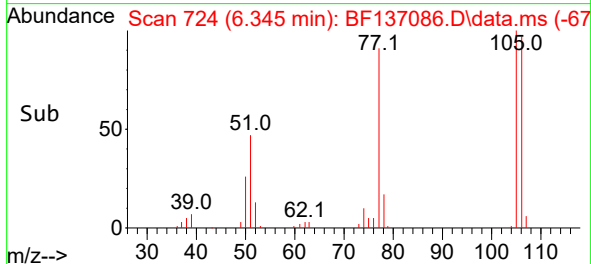
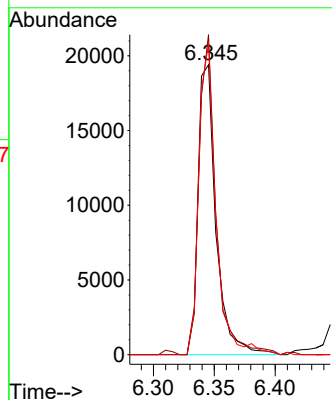
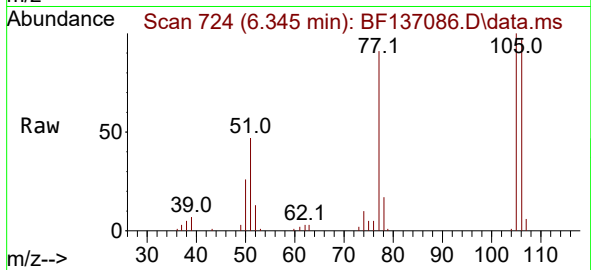




#9
Benzaldehyde
Concen: 8.447 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

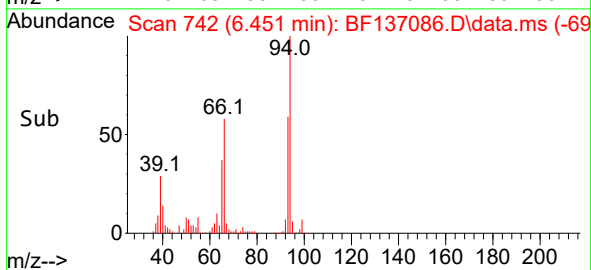
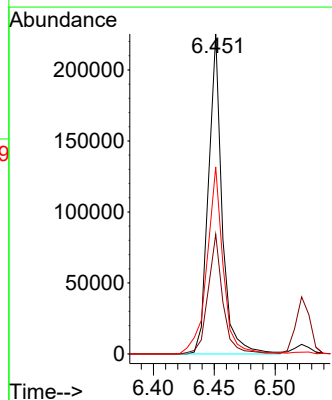
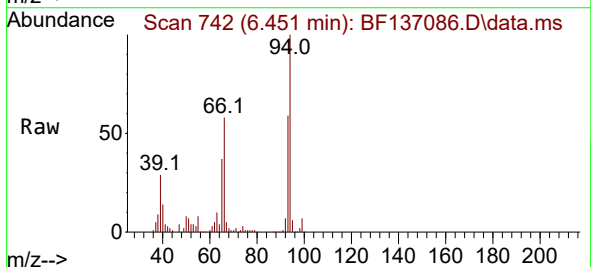
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BNA_F
ClientSampleId :
MH-EMS

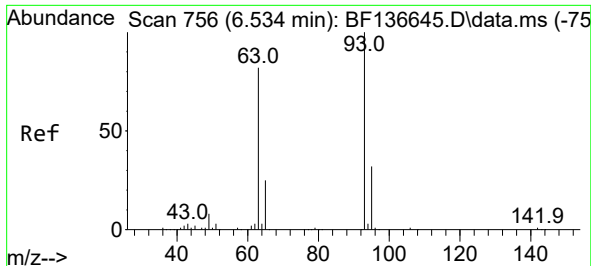
Tgt Ion: 77 Resp: 19942
Ion Ratio Lower Upper
77 100
105 110.4 84.8 124.8
106 107.3 77.8 117.8



#10
Phenol
Concen: 39.603 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 94 Resp: 175470
Ion Ratio Lower Upper
94 100
65 37.4 16.6 56.6
66 58.4 32.6 72.6

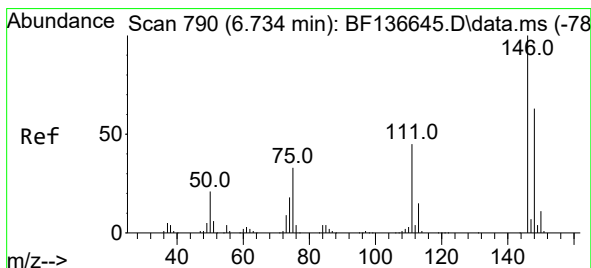
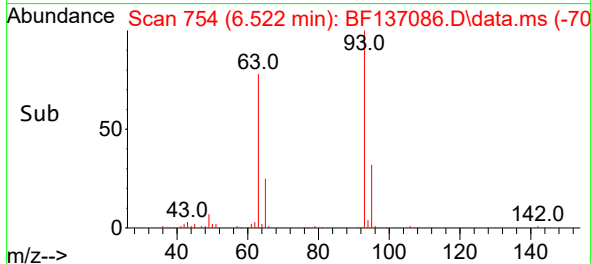
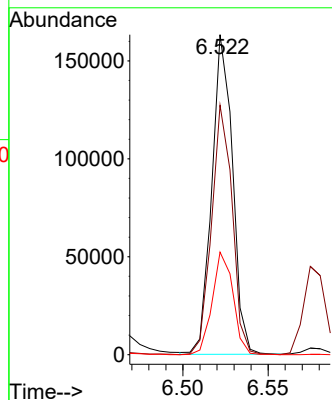
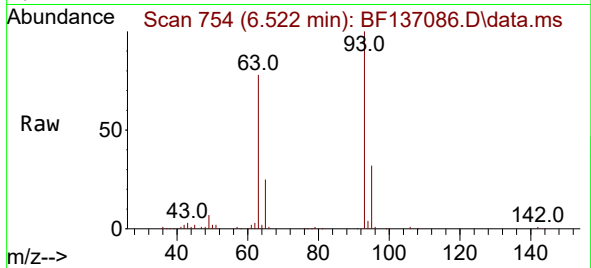




#11
bis(2-Chloroethyl)ether
Concen: 40.955 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

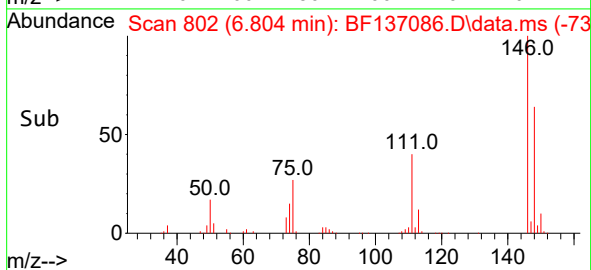
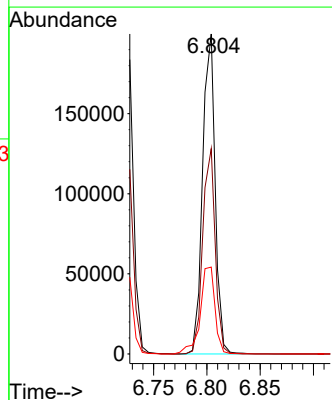
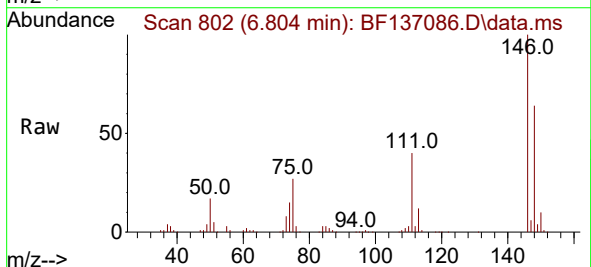
Instrument :
BNA_F
ClientSampleId :
MH-EMS

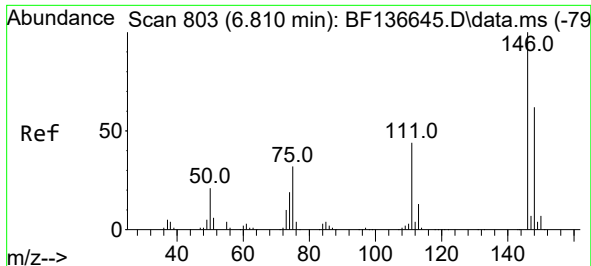
Tgt Ion: 93 Resp: 137999
Ion Ratio Lower Upper
93 100
63 78.0 61.2 101.2
95 32.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 42.965 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.071 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:146 Resp: 164299
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 27.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 42.050 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

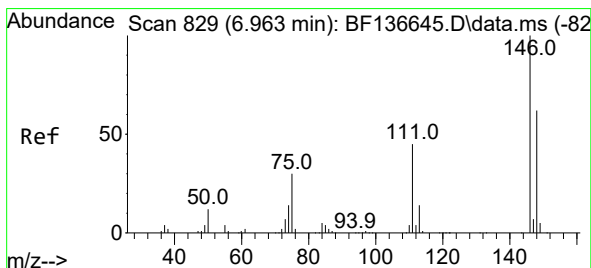
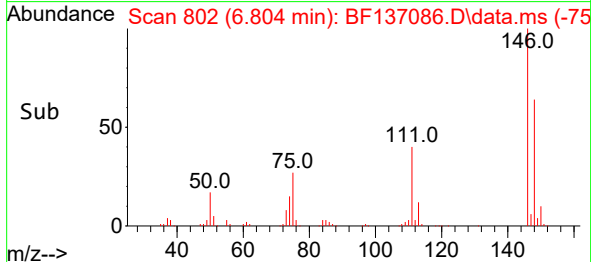
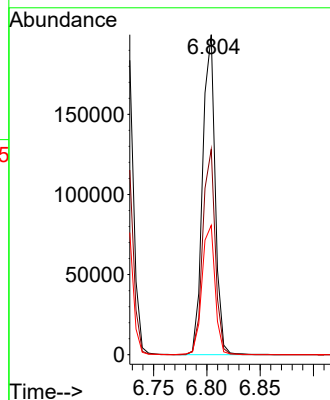
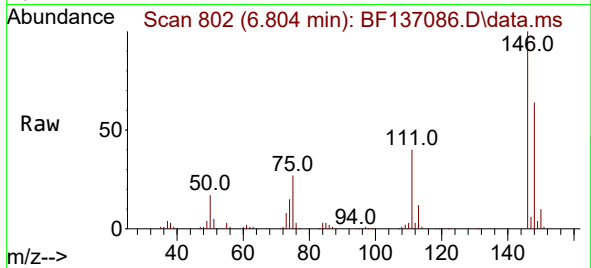
Tgt Ion:146 Resp: 164299

Ion Ratio Lower Upper

146 100

148 64.2 49.2 73.8

111 40.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.674 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

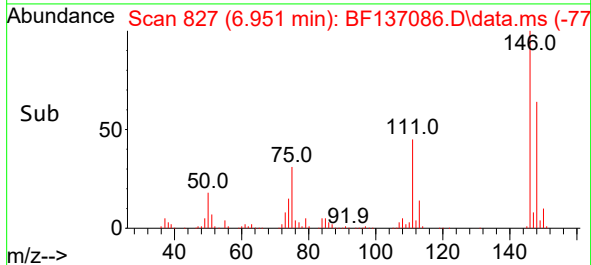
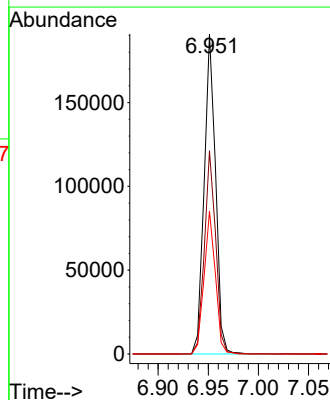
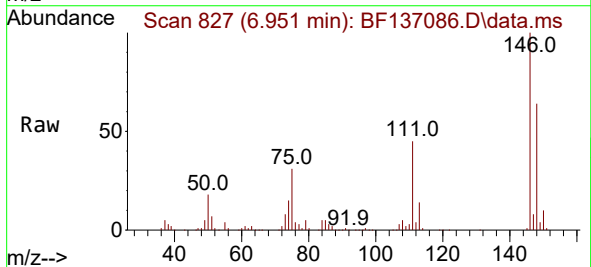
Tgt Ion:146 Resp: 151515

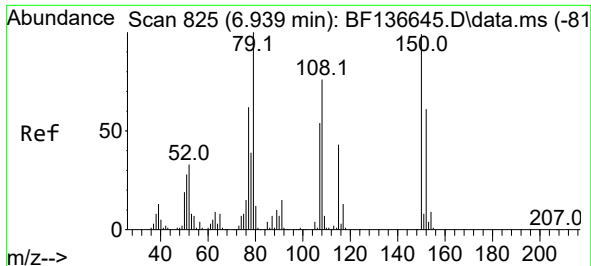
Ion Ratio Lower Upper

146 100

148 63.5 49.6 74.4

111 44.7 36.2 54.2

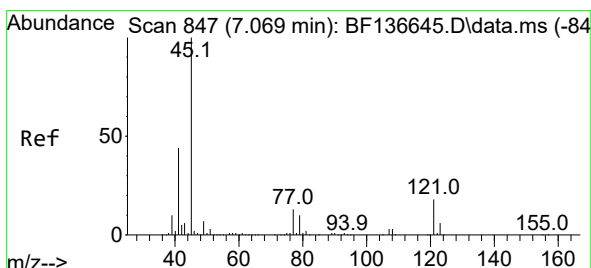
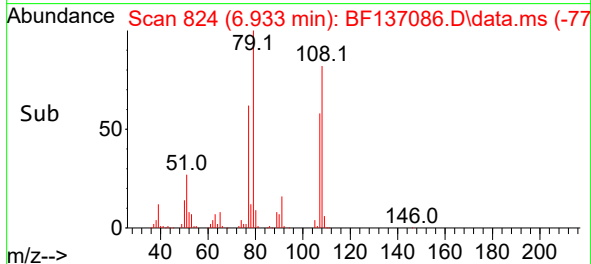
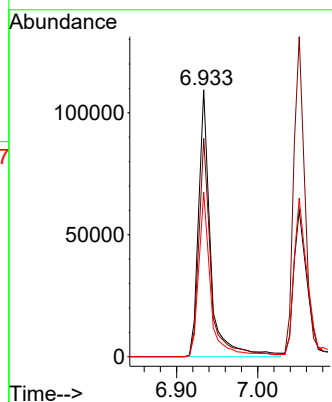
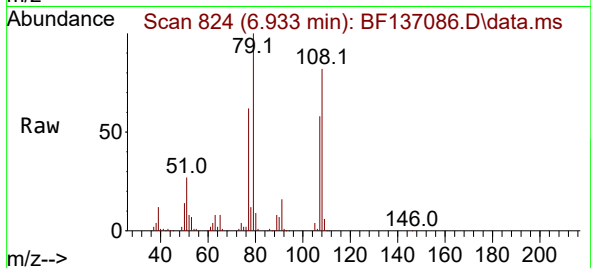




#15
Benzyl Alcohol
Concen: 40.267 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

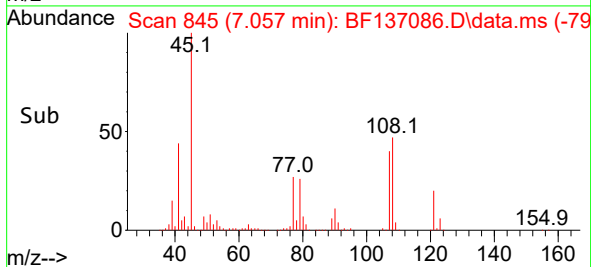
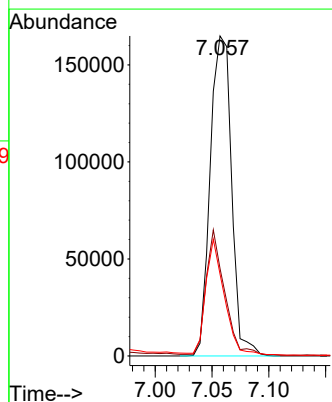
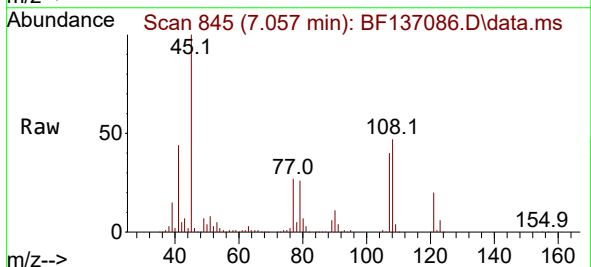
Instrument :
BNA_F
ClientSampleId :
MH-EMS

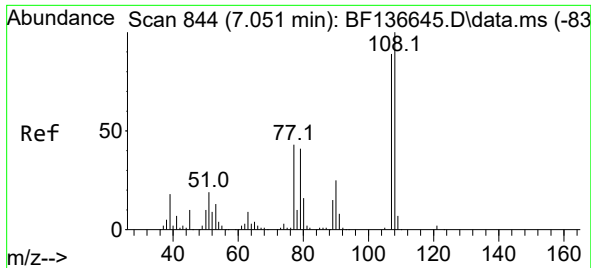
Tgt Ion: 79 Resp: 112753
Ion Ratio Lower Upper
79 100
108 81.8 61.0 91.6
77 61.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.094 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 45 Resp: 215365
Ion Ratio Lower Upper
45 100
77 27.3 0.0 34.3
79 25.6 0.0 31.4

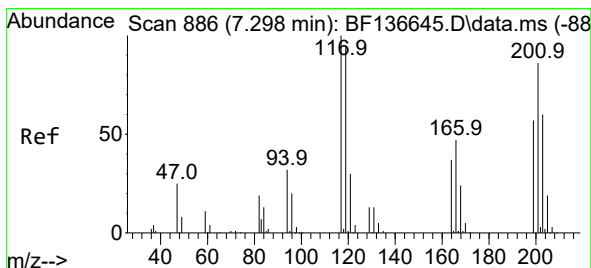
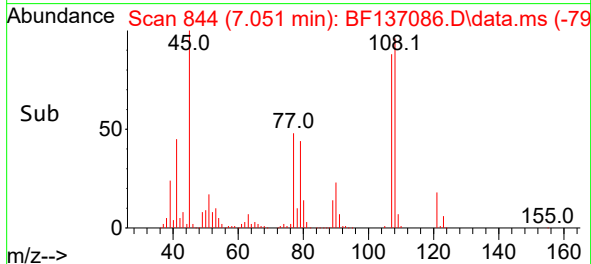
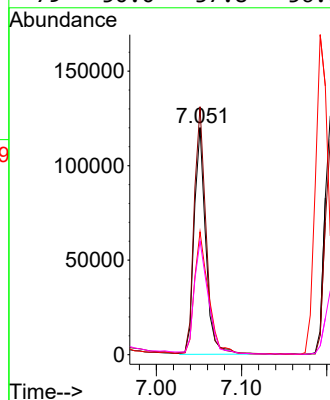
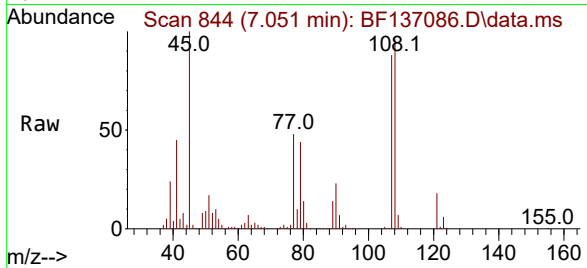




#17
2-Methylphenol
Concen: 39.116 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

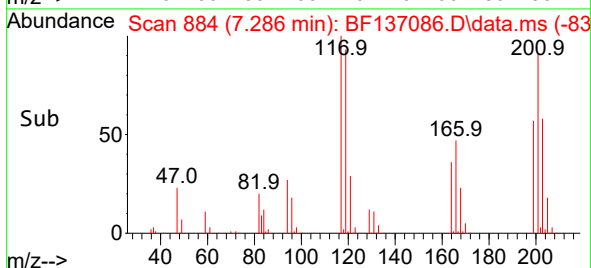
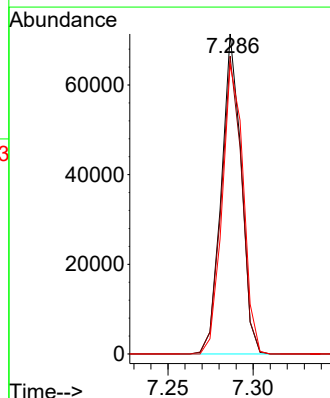
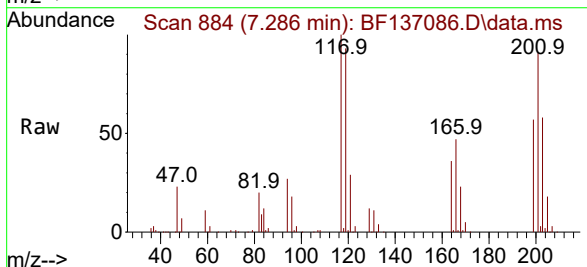
Instrument :
BNA_F
ClientSampleId :
MH-EMS

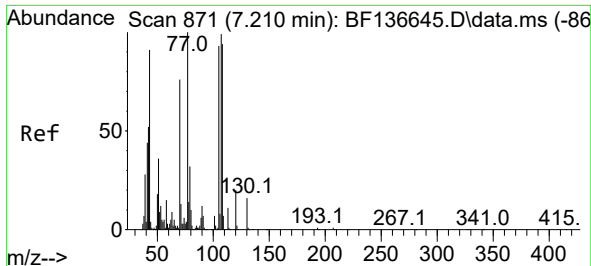
Tgt Ion:	107	Resp:	113590
Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.3	135.5
77	54.1	38.7	58.1
79	50.0	37.8	56.6



#18
Hexachloroethane
Concen: 40.658 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:	117	Resp:	57694
Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.8	113.6
201	90.5	69.1	103.7

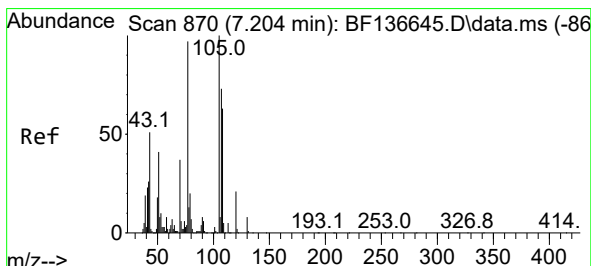
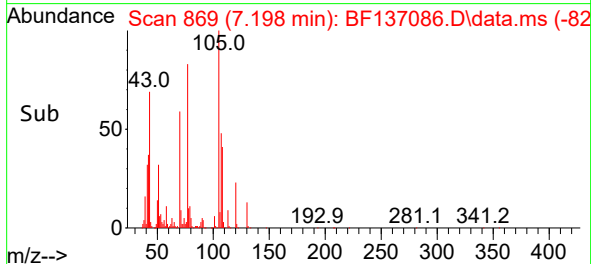
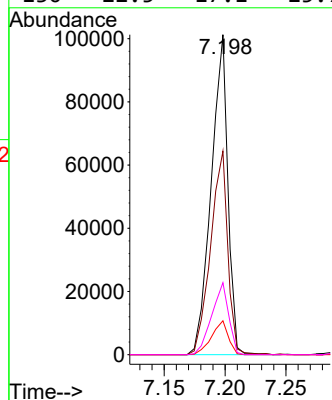
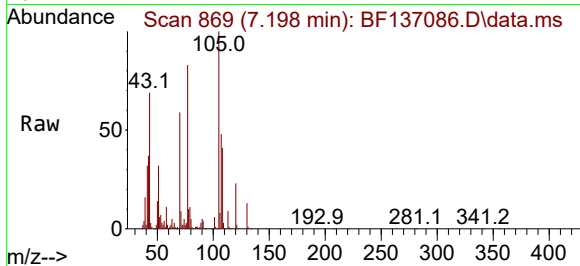




#19
n-Nitroso-di-n-propylamine
Concen: 38.154 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

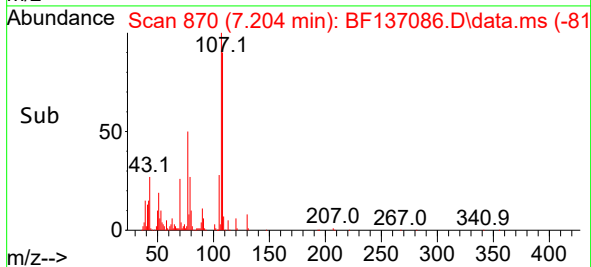
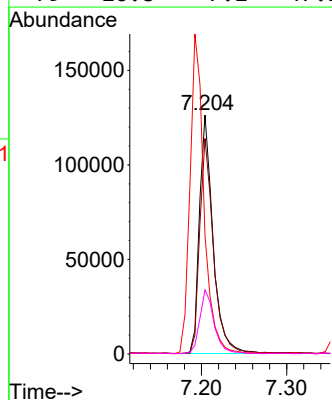
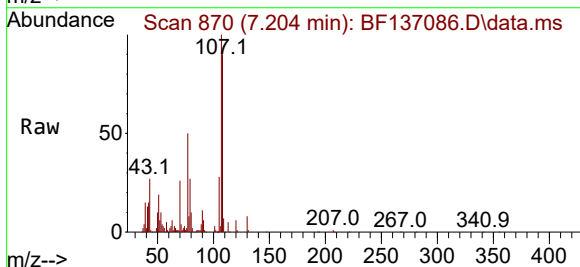
Instrument :
BNA_F
ClientSampleId :
MH-EMS

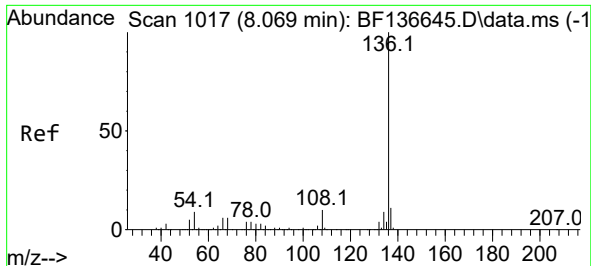
Tgt Ion:	70	Resp:	95997
Ion	Ratio	Lower	Upper
70	100		
42	63.6	54.2	81.4
101	10.6	7.6	11.4
130	22.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 38.721 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:	107	Resp:	140478
Ion	Ratio	Lower	Upper
107	100		
108	90.2	66.0	106.0
77	49.7	114.2	154.2#
79	26.8	7.2	47.2

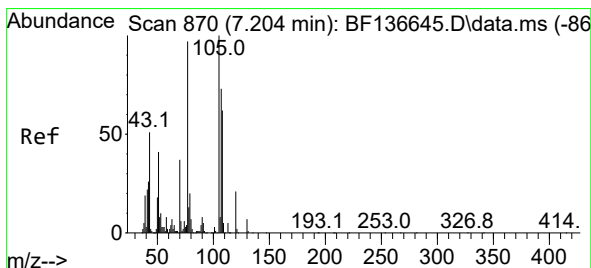
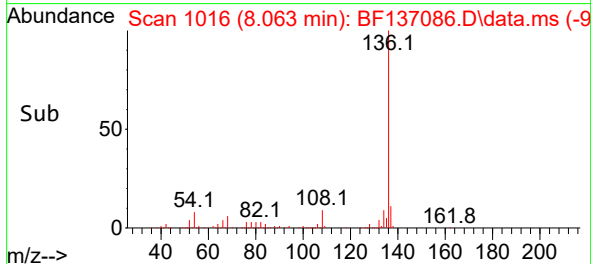
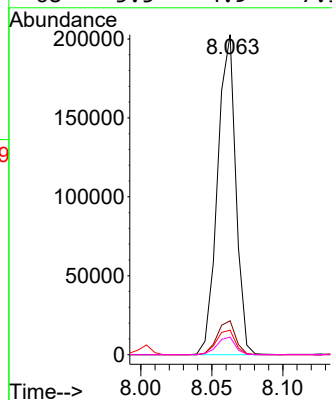
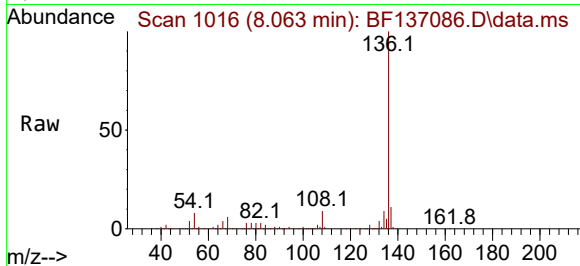




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

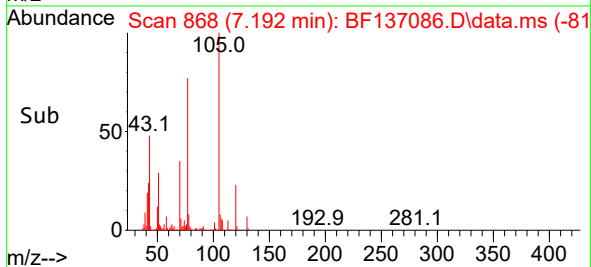
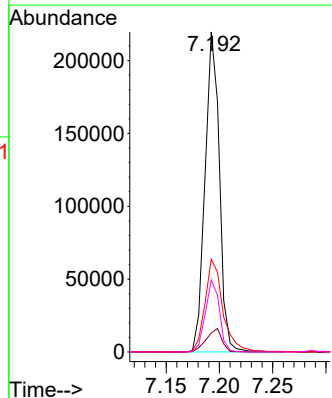
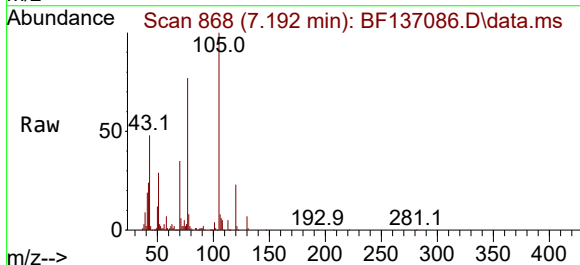
Instrument :
BNA_F
ClientSampleId :
MH-EMS

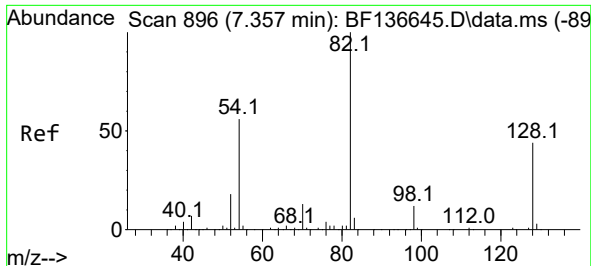
Tgt Ion:136	Resp: 180785
Ion Ratio	Lower Upper
136 100	
137 10.6	9.0 13.4
54 7.7	7.2 10.8
68 5.5	4.9 7.3



#22
Acetophenone
Concen: 45.599 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:105	Resp: 206625
Ion Ratio	Lower Upper
105 100	
71 5.9	4.8 7.2
51 29.0	32.8 49.2
120 22.5	17.0 25.6





#23

Nitrobenzene-d5

Concen: 52.243 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

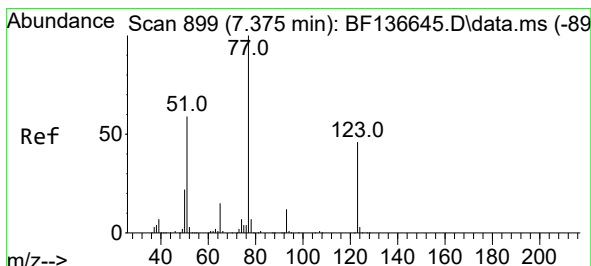
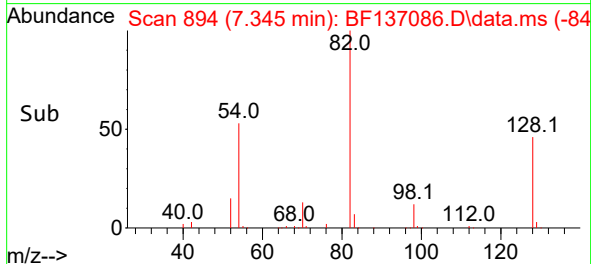
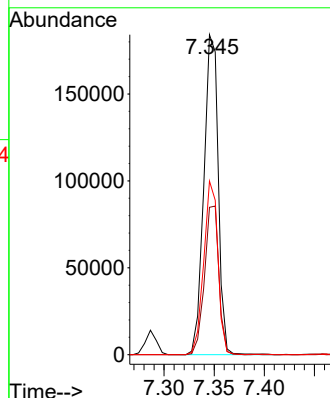
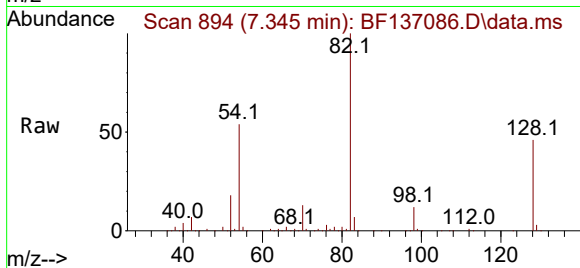
Tgt Ion: 82 Resp: 184573

Ion Ratio Lower Upper

82 100

128 46.0 35.3 52.9

54 54.3 44.5 66.7



#24

Nitrobenzene

Concen: 40.495 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

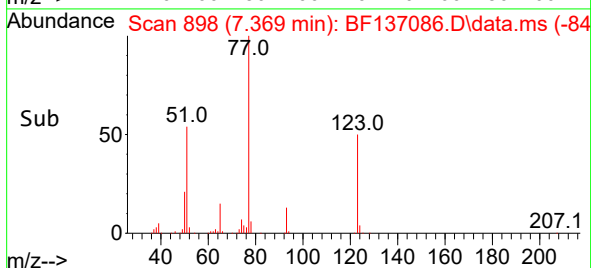
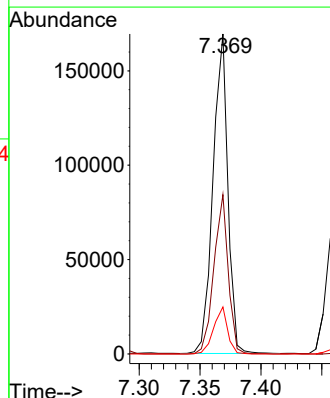
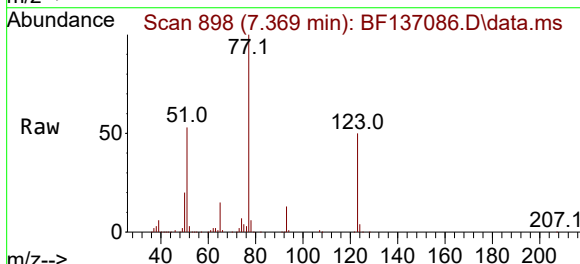
Tgt Ion: 77 Resp: 143315

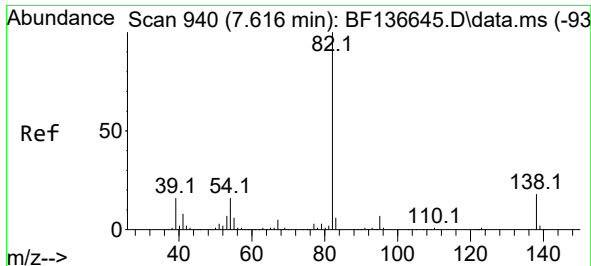
Ion Ratio Lower Upper

77 100

123 49.8 36.7 55.1

65 14.7 11.8 17.6

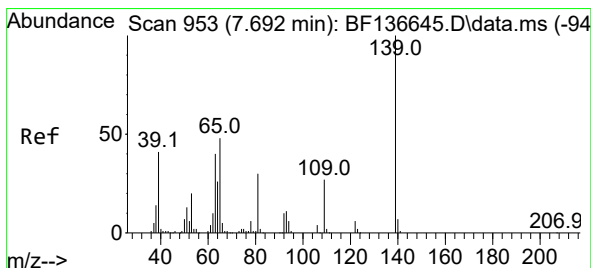
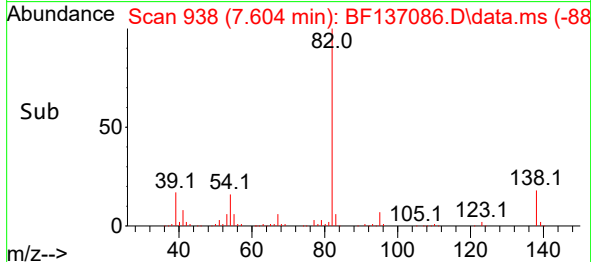
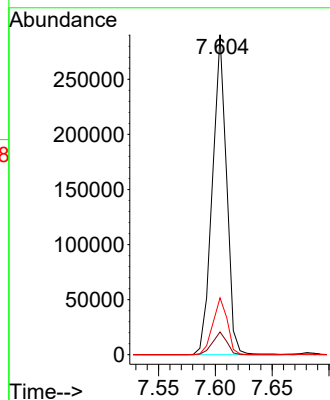
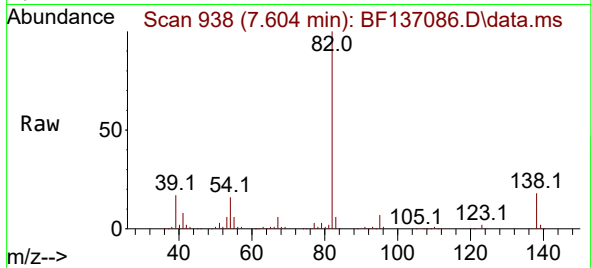




#25
Isophorone
Concen: 38.997 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

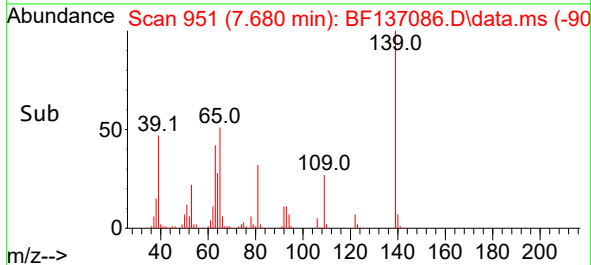
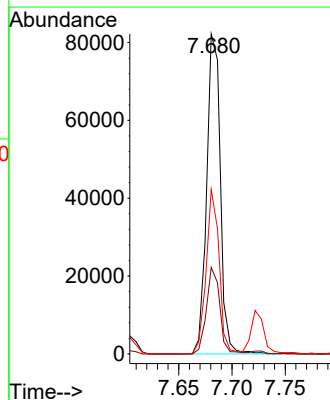
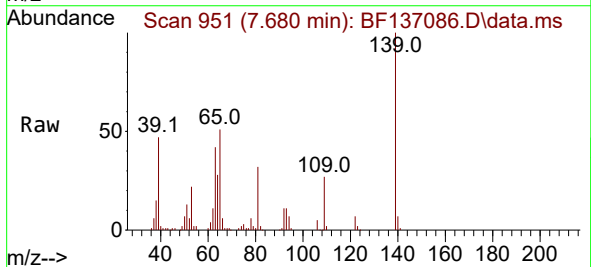
Instrument :
BNA_F
ClientSampleId :
MH-EMS

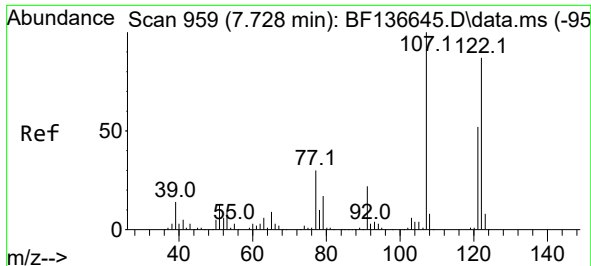
Tgt Ion: 82 Resp: 250693
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 43.521 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 139 Resp: 73693
Ion Ratio Lower Upper
139 100
109 27.1 21.9 32.9
65 51.4 38.6 58.0

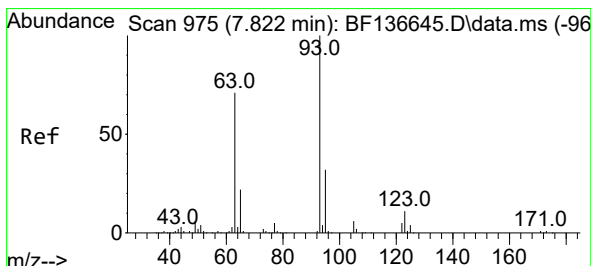
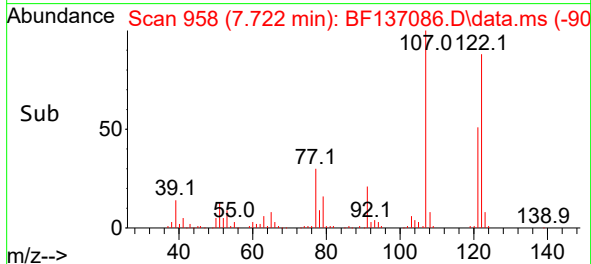
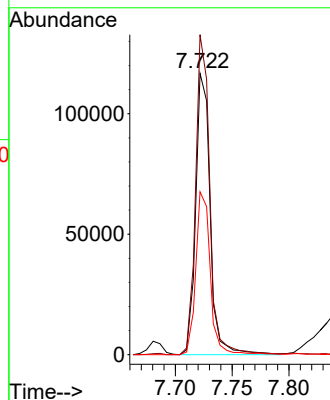
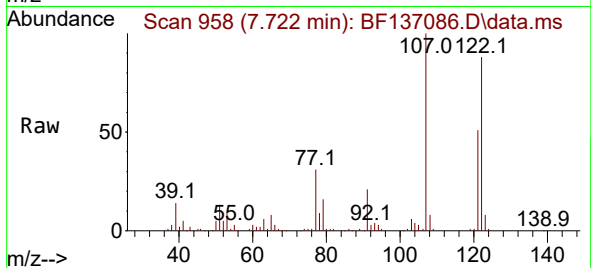




#27
2,4-Dimethylphenol
Concen: 50.354 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

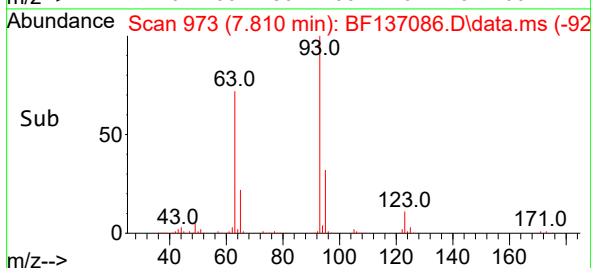
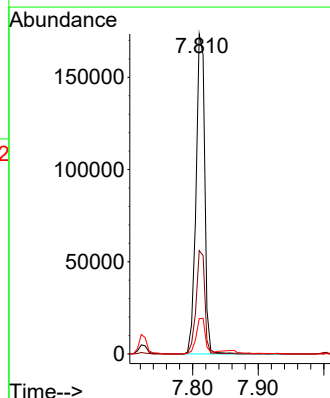
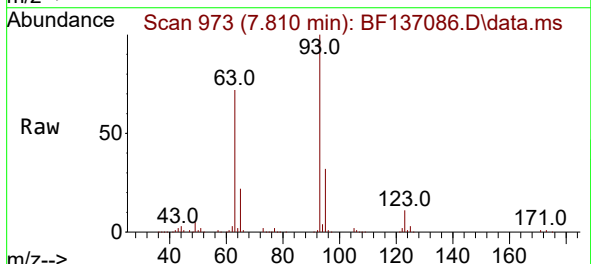
Instrument :
BNA_F
ClientSampleId :
MH-EMS

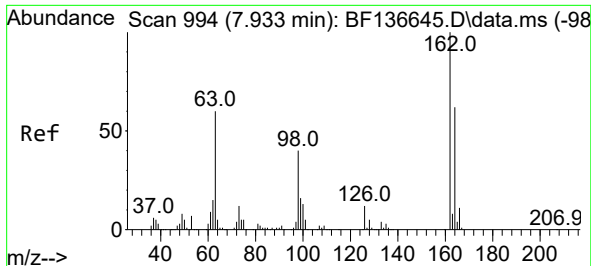
Tgt Ion:122 Resp: 103801
Ion Ratio Lower Upper
122 100
107 113.7 92.0 138.0
121 57.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.165 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 93 Resp: 160857
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.982 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

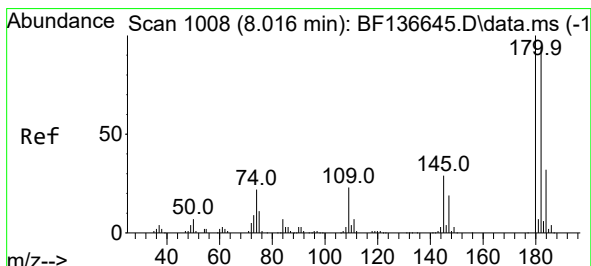
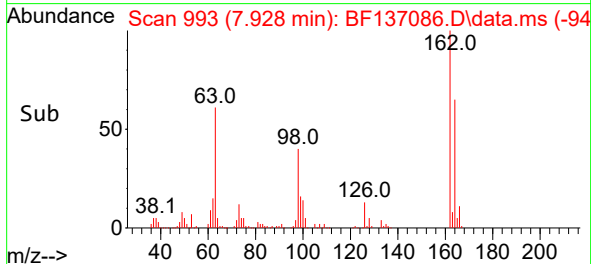
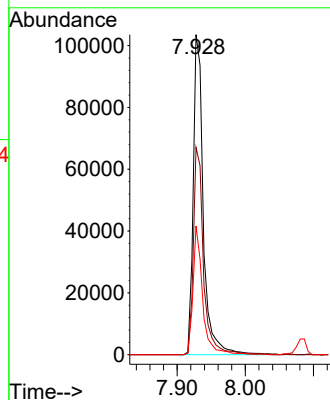
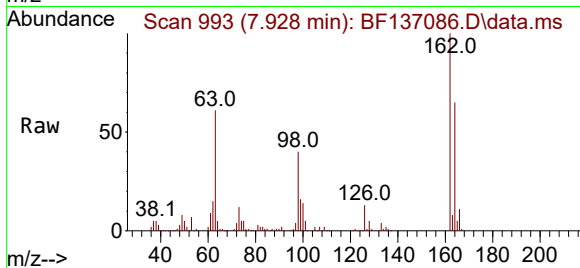
Tgt Ion:162 Resp: 106109

Ion Ratio Lower Upper

162 100

164 64.8 41.7 81.7

98 40.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 42.370 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137086.D

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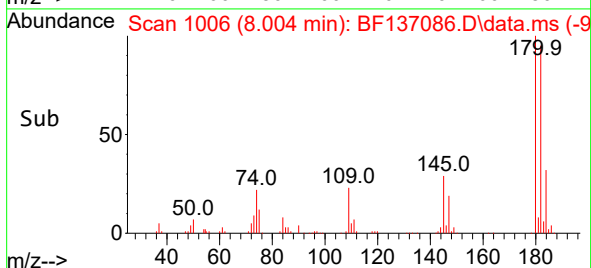
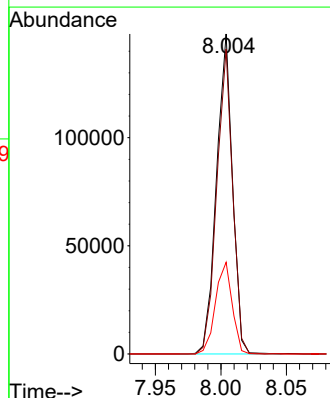
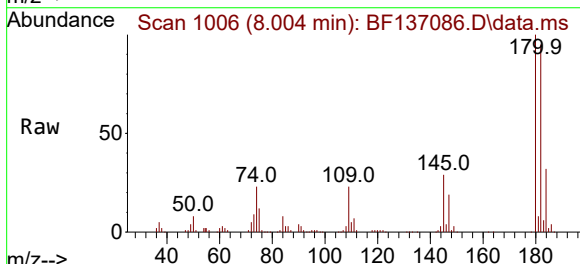
Tgt Ion:180 Resp: 125286

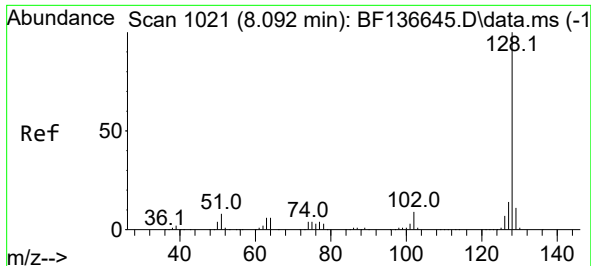
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

145 28.7 23.1 34.7

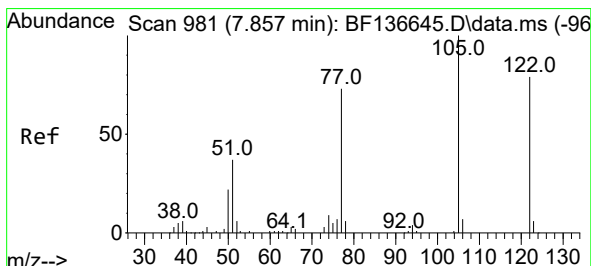
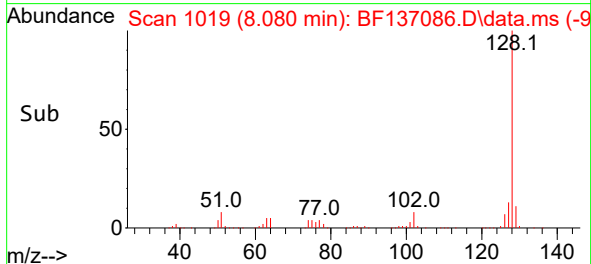
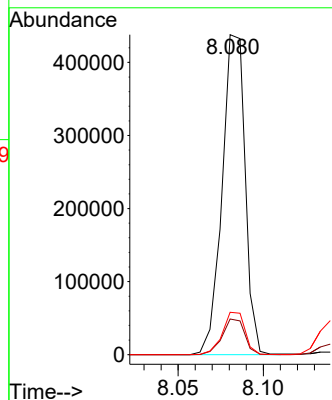
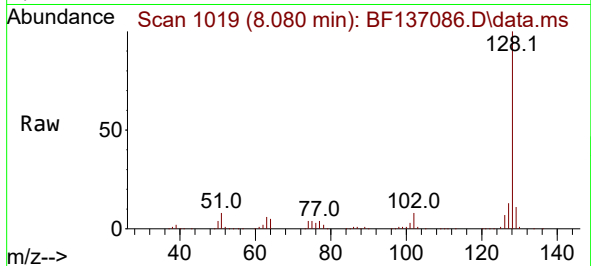




#31
Naphthalene
Concen: 41.588 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

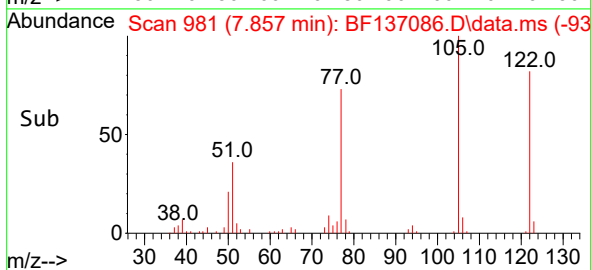
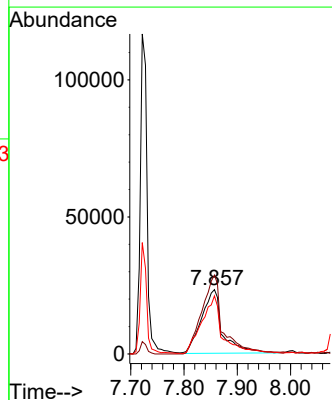
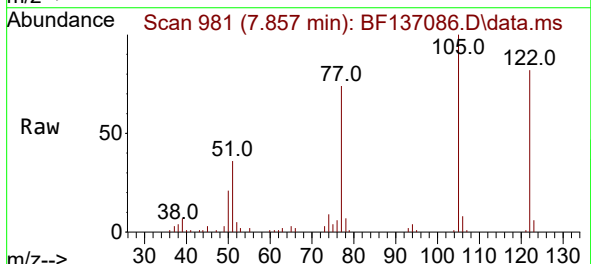
Instrument :
BNA_F
ClientSampleId :
MH-EMS

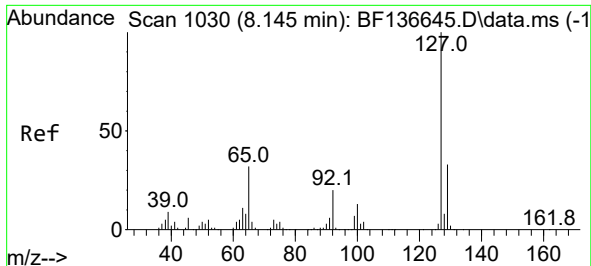
Tgt Ion:128 Resp: 413041
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 31.977 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:122 Resp: 63781
Ion Ratio Lower Upper
122 100
105 122.6 100.8 140.8
77 90.4 70.9 110.9

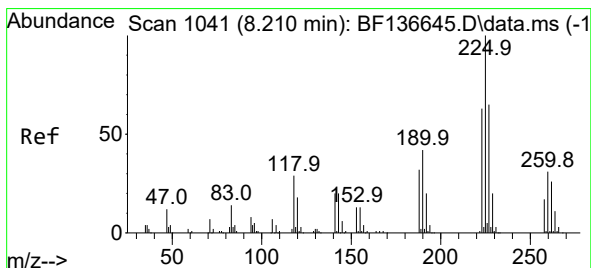
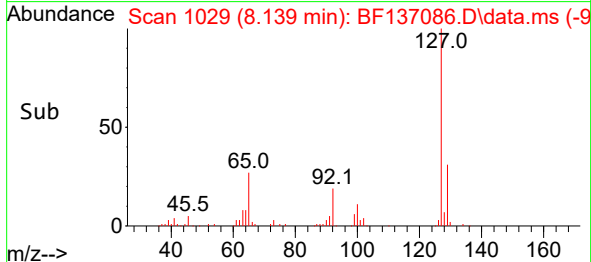
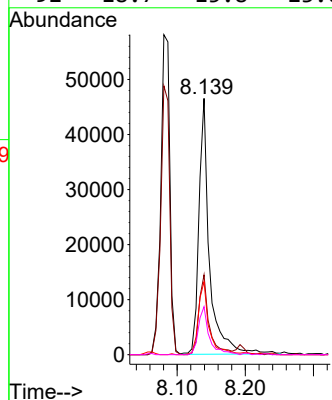
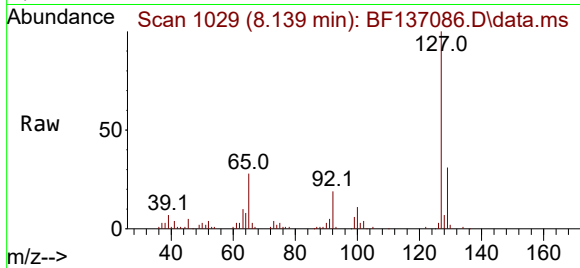




#33
4-Chloroaniline
Concen: 13.624 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

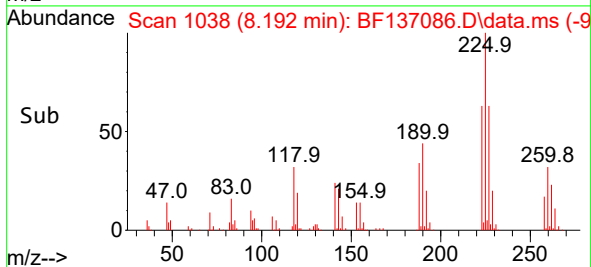
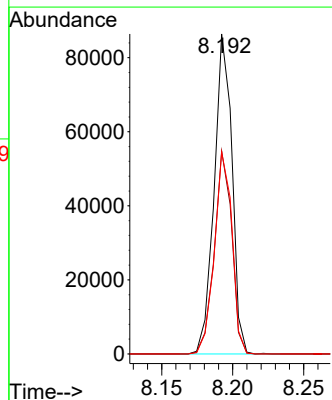
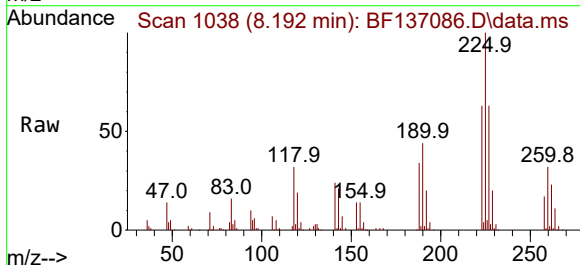
Instrument :
BNA_F
ClientSampleId :
MH-EMS

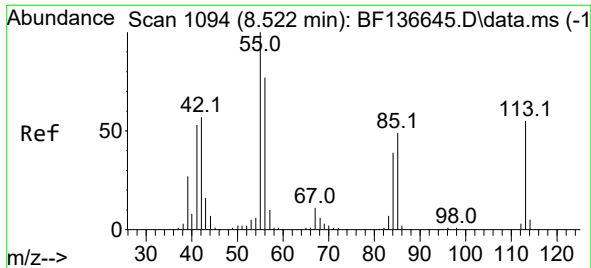
Tgt Ion:	127	Resp:	49961
Ion Ratio	Lower	Upper	
127	100		
129	31.1	26.3	39.5
65	28.5	25.8	38.8
92	18.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.765 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:	225	Resp:	75034
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	63.1	51.9	77.9

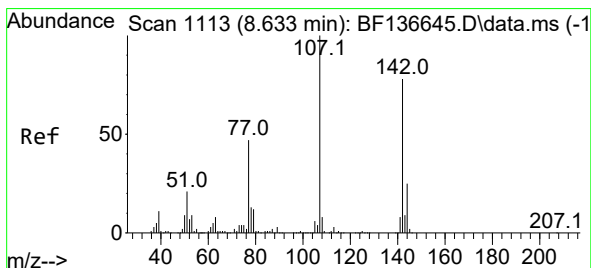
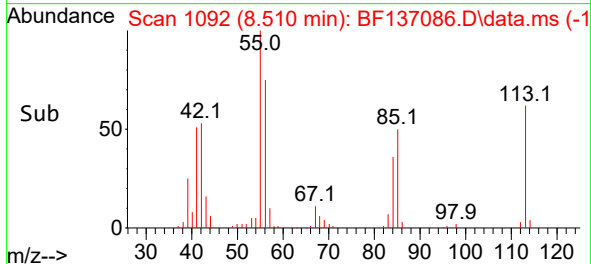
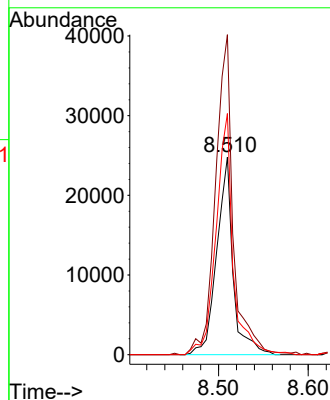
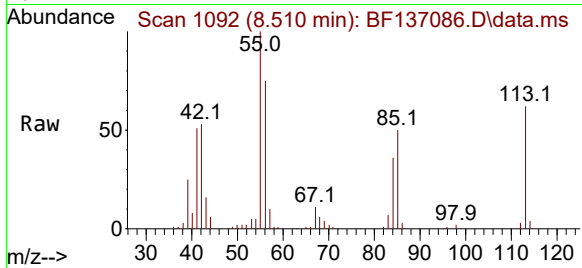




#35
 Caprolactam
 Concen: 35.777 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.012 min
 Lab File: BF137086.D
 Acq: 16 Jan 2024 18:38

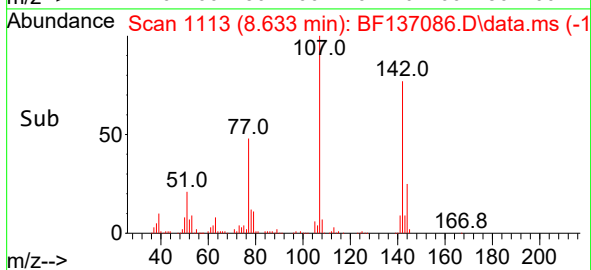
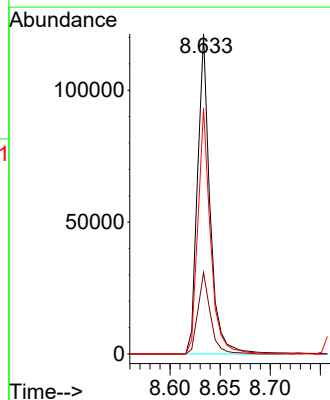
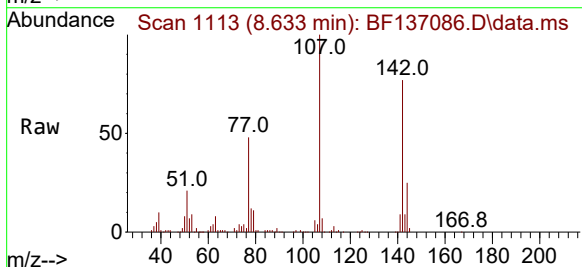
Instrument :
 BNA_F
 ClientSampleId :
 MH-EMS

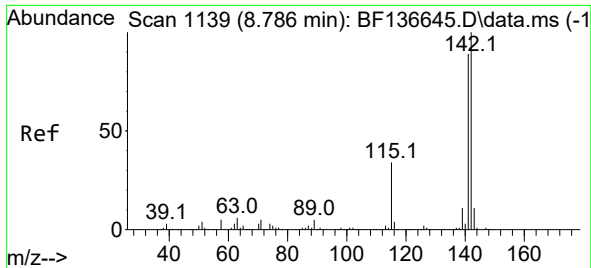
Tgt Ion:113 Resp: 31323
 Ion Ratio Lower Upper
 113 100
 55 162.0 163.1 203.1#
 56 122.0 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 35.144 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: BF137086.D
 Acq: 16 Jan 2024 18:38

Tgt Ion:107 Resp: 105001
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 76.9 62.3 93.5

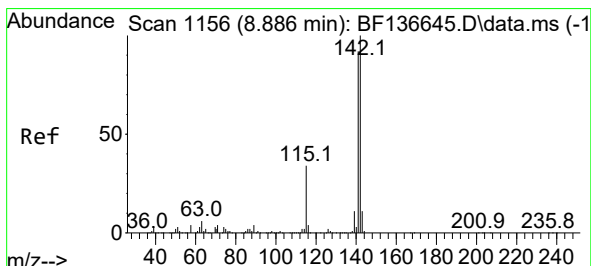
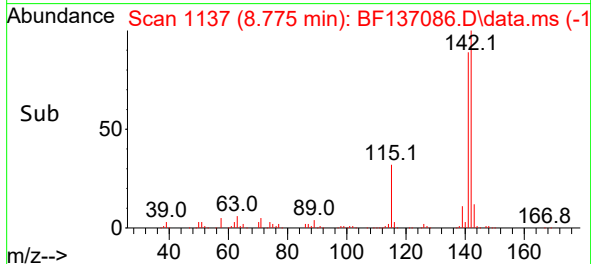
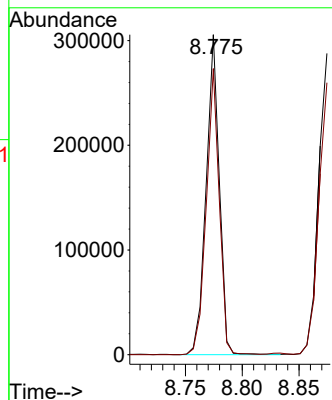
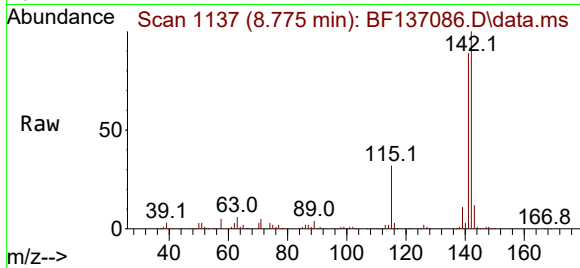




#37
2-Methylnaphthalene
Concen: 38.495 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

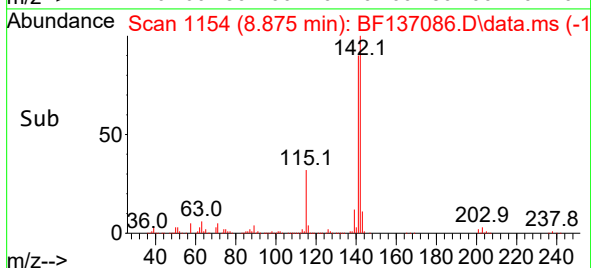
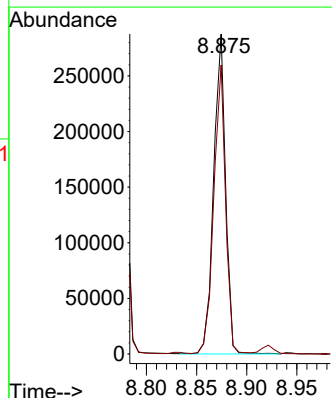
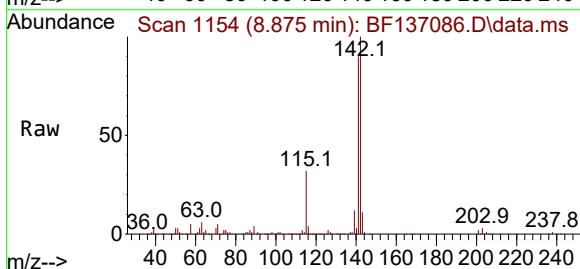
Instrument :
BNA_F
ClientSampleId :
MH-EMS

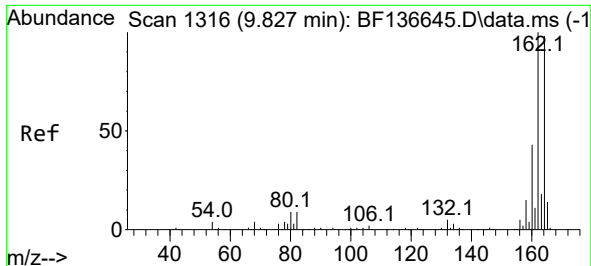
Tgt Ion:142 Resp: 246056
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 37.992 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:142 Resp: 238244
Ion Ratio Lower Upper
142 100
141 90.3 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: BF137086.D

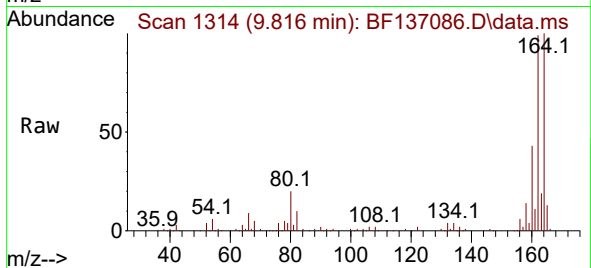
Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS



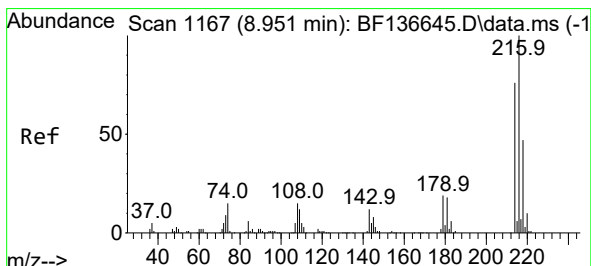
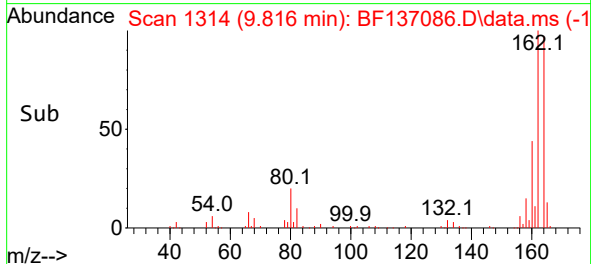
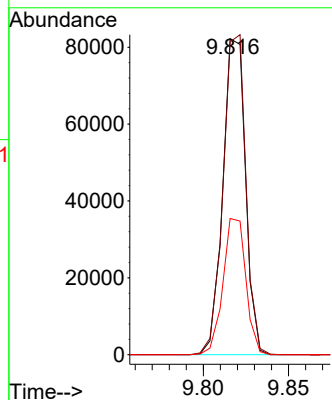
Tgt Ion:164 Resp: 76161

Ion Ratio Lower Upper

164 100

162 99.0 81.6 122.4

160 43.1 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.254 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Tgt Ion:216 Resp: 120891

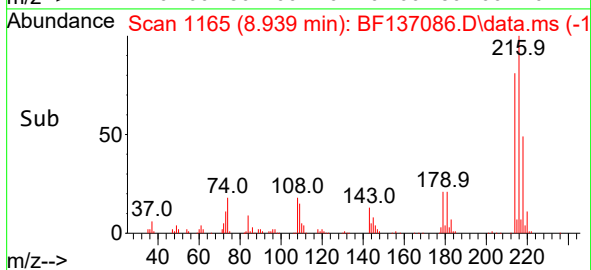
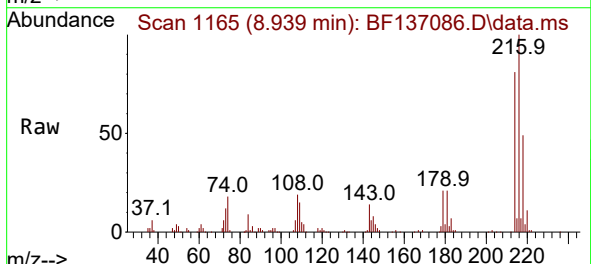
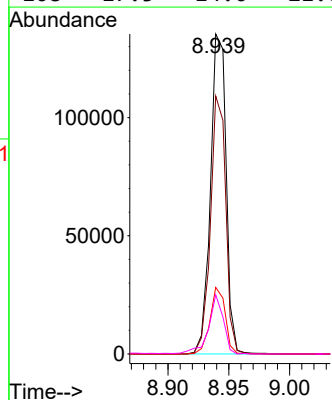
Ion Ratio Lower Upper

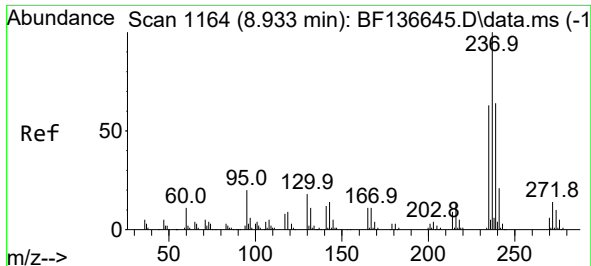
216 100

214 78.7 62.3 93.5

179 20.1 16.4 24.6

108 17.5 14.0 21.0

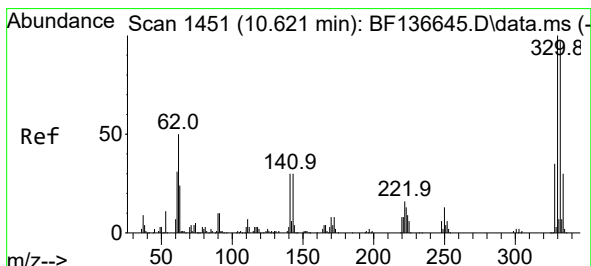
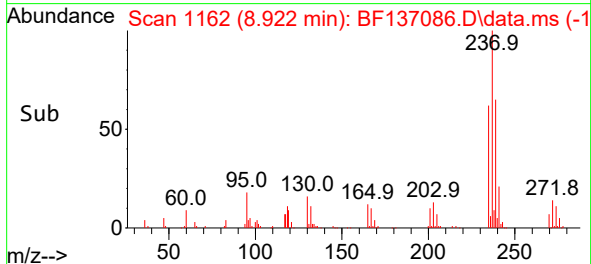
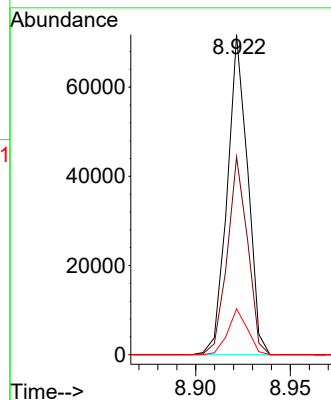
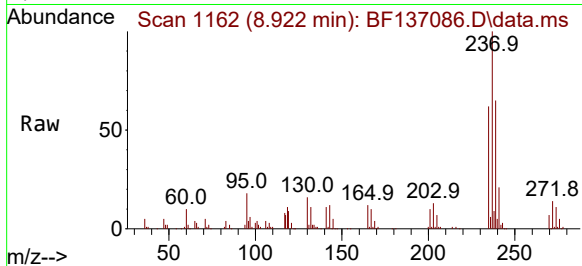




#41
Hexachlorocyclopentadiene
Concen: 72.162 ng
RT: 8.922 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

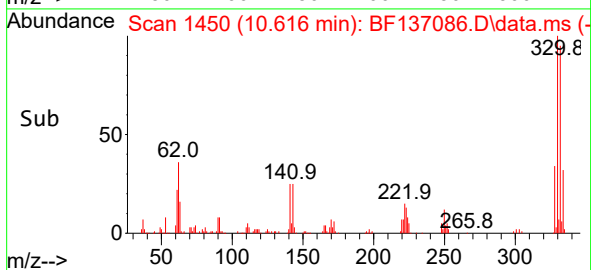
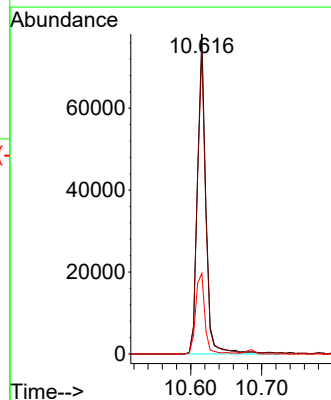
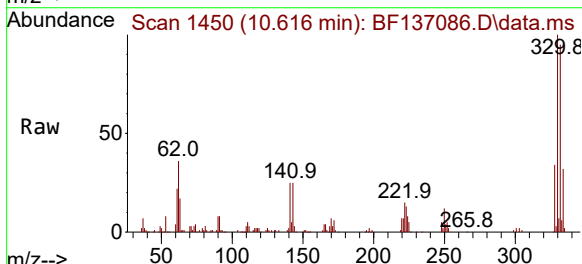
Instrument :
BNA_F
ClientSampleId :
MH-EMS

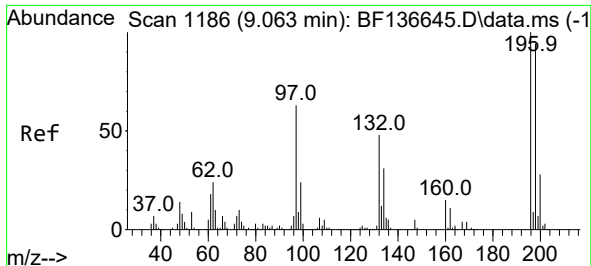
Tgt Ion:237 Resp: 53885
Ion Ratio Lower Upper
237 100
235 61.8 43.2 83.2
272 14.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 71.869 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:330 Resp: 64464
Ion Ratio Lower Upper
330 100
332 94.0 77.4 116.0
141 27.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 43.062 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

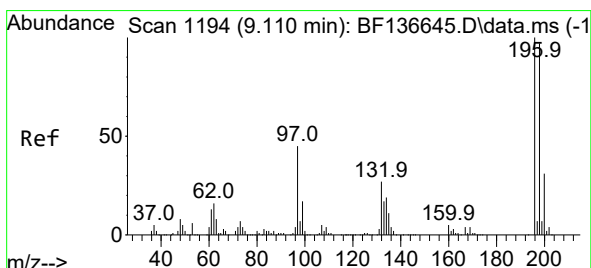
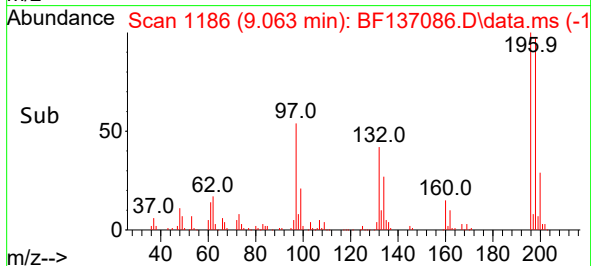
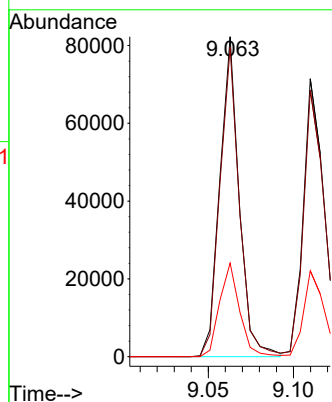
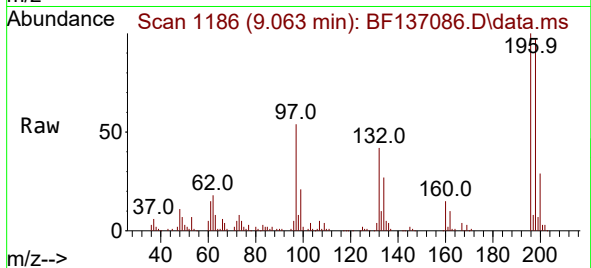
Tgt Ion:196 Resp: 65138

Ion Ratio Lower Upper

196 100

198 96.7 75.1 112.7

200 29.3 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 39.238 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Tgt Ion:196 Resp: 66141

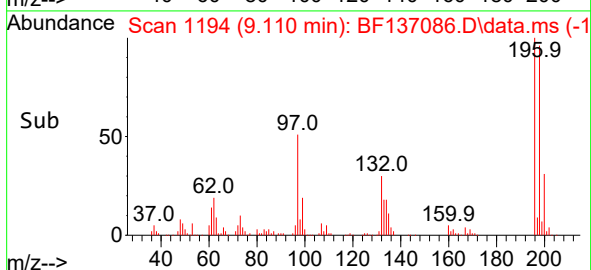
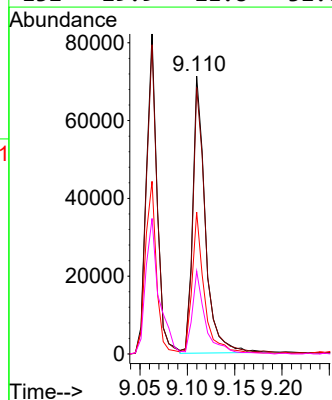
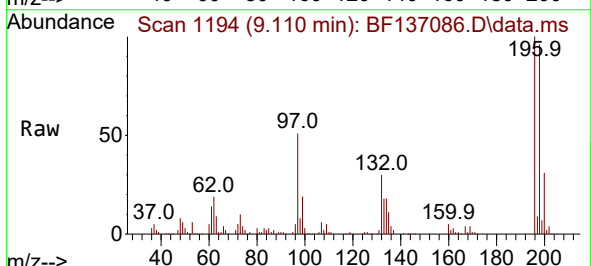
Ion Ratio Lower Upper

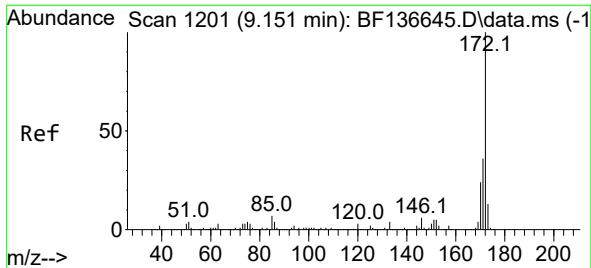
196 100

198 95.9 77.0 115.6

97 51.1 36.1 54.1

132 29.9 21.8 32.6

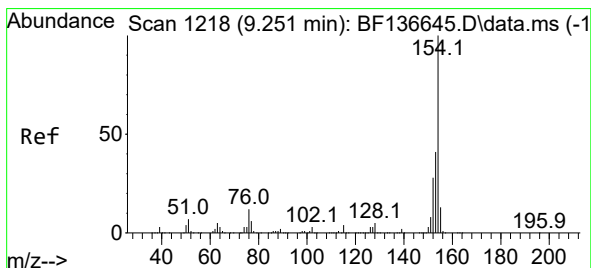
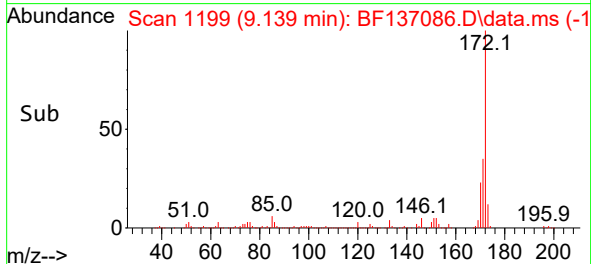
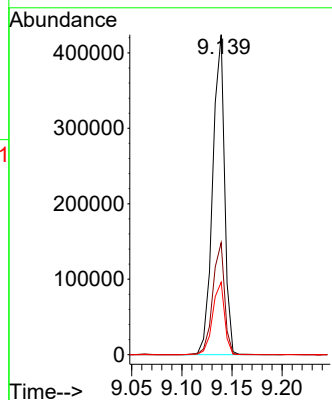
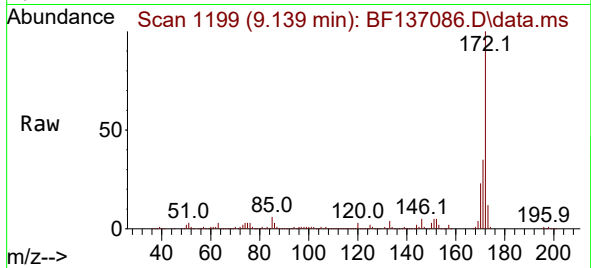




#45
2-Fluorobiphenyl
Concen: 61.802 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

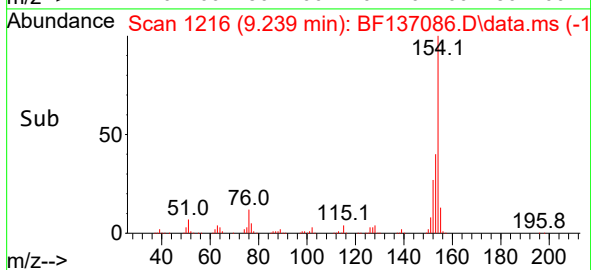
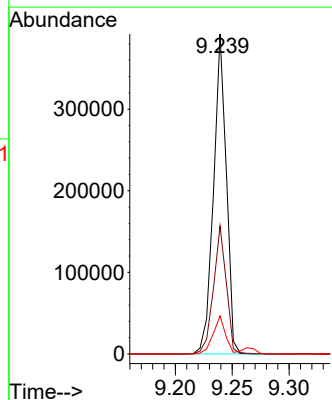
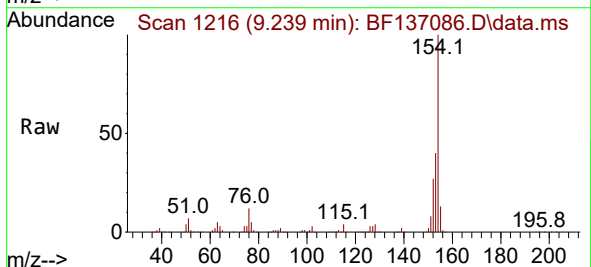
Instrument :
BNA_F
ClientSampleId :
MH-EMS

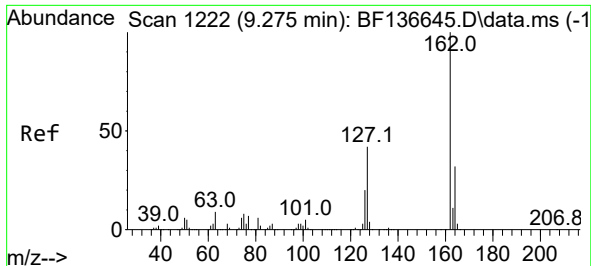
Tgt Ion:172 Resp: 349962
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 22.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 47.973 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:154 Resp: 306599
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 11.9 0.0 31.7

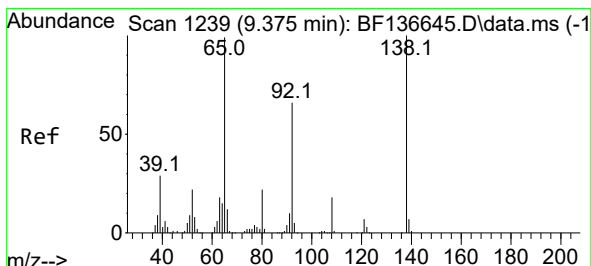
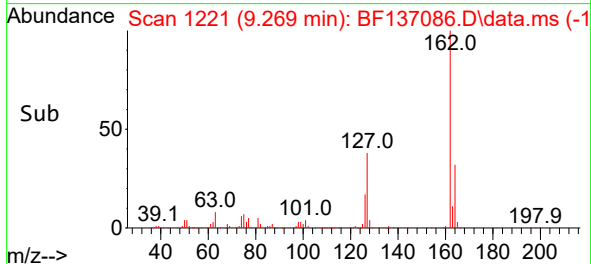
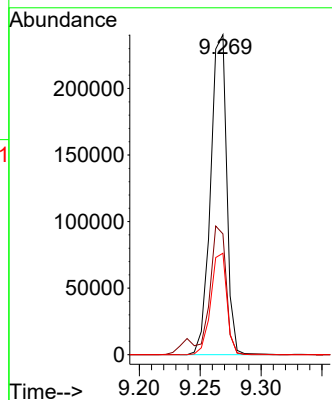
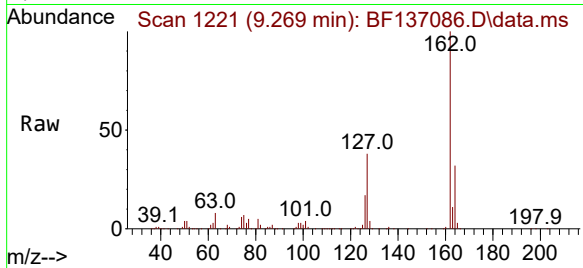




#47
2-Chloronaphthalene
Concen: 45.467 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

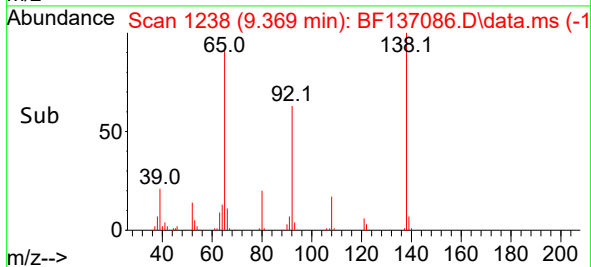
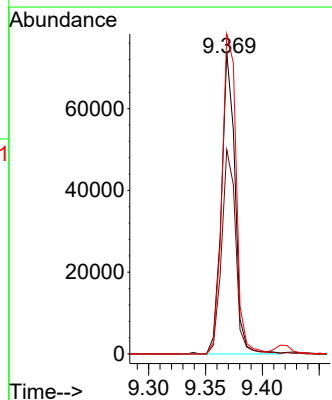
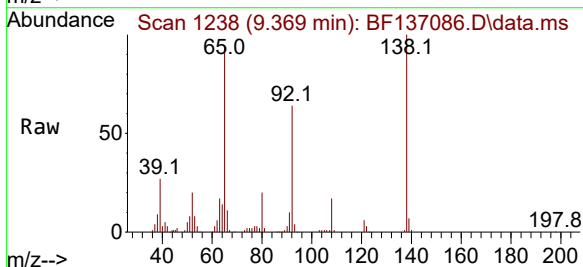
Instrument :
BNA_F
ClientSampleId :
MH-EMS

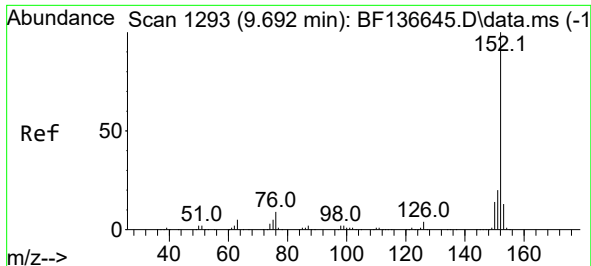
Tgt Ion:162 Resp: 220905
Ion Ratio Lower Upper
162 100
127 37.7 33.6 50.4
164 31.7 25.7 38.5



#48
2-Nitroaniline
Concen: 40.436 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion: 65 Resp: 61521
Ion Ratio Lower Upper
65 100
92 67.7 53.2 79.8
138 106.2 81.1 121.7

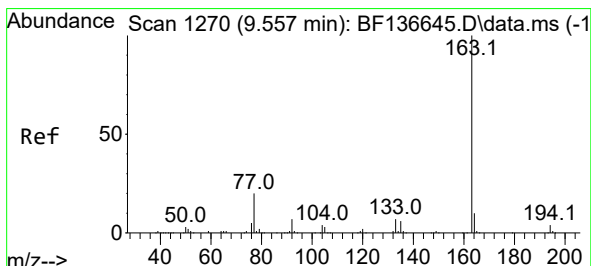
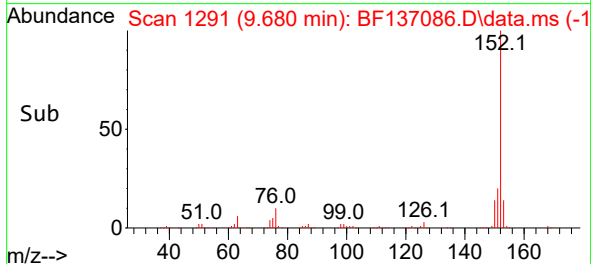
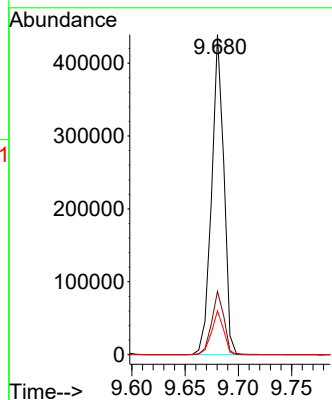
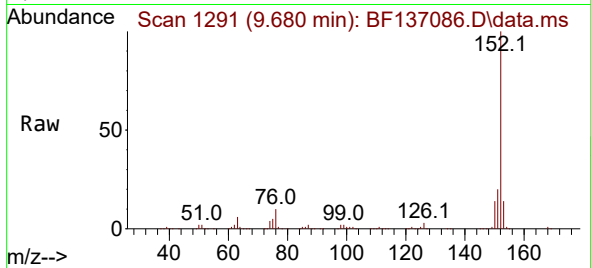




#49
Acenaphthylene
Concen: 47.228 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

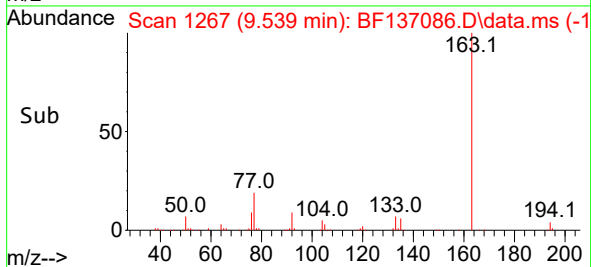
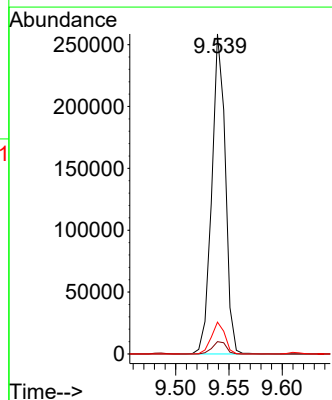
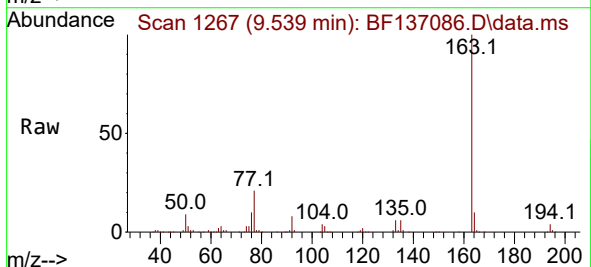
Instrument :
BNA_F
ClientSampleId :
MH-EMS

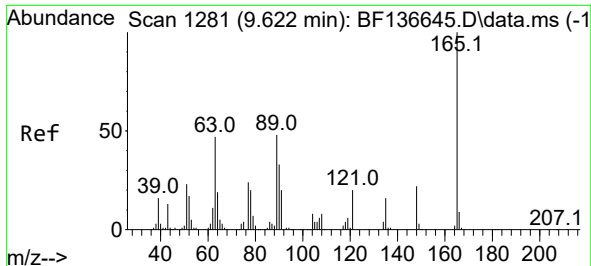
Tgt Ion:152 Resp: 350731
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.7 10.2 15.2



#50
Dimethylphthalate
Concen: 41.217 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:163 Resp: 229290
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 7.8 11.6

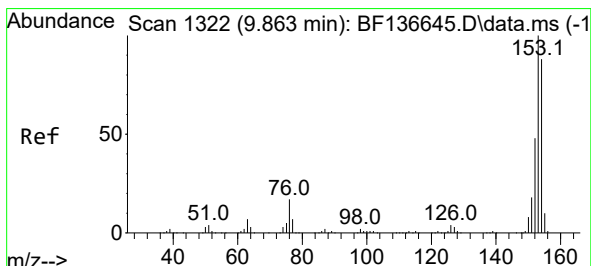
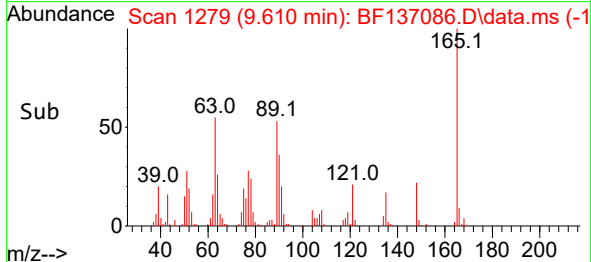
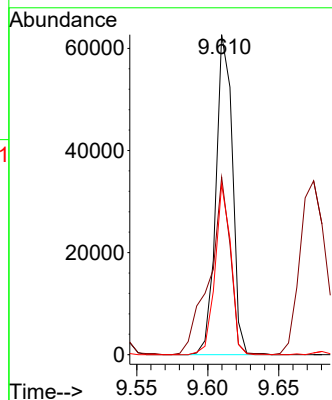
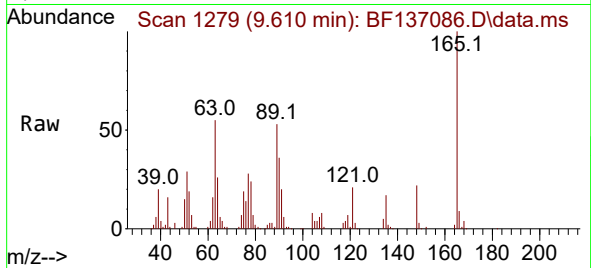




#51
2,6-Dinitrotoluene
Concen: 40.200 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

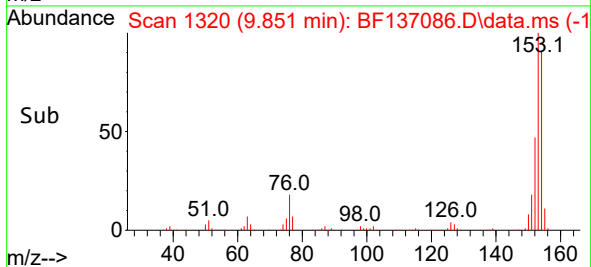
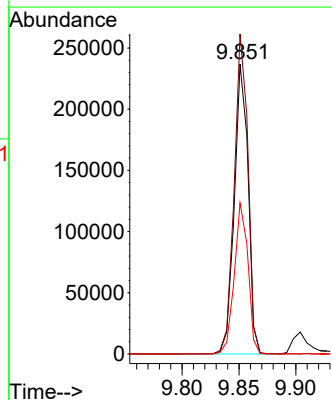
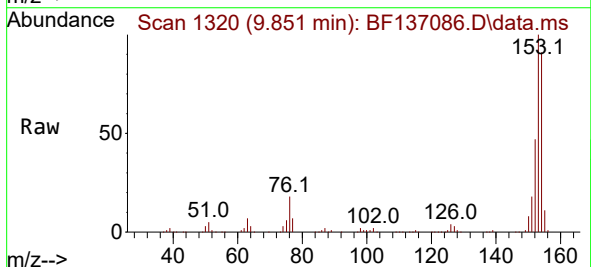
Instrument :
BNA_F
ClientSampleId :
MH-EMS

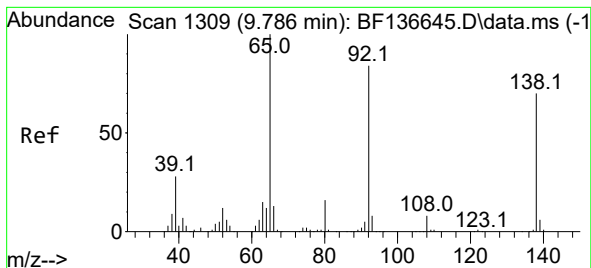
Tgt Ion:165 Resp: 50754
Ion Ratio Lower Upper
165 100
63 55.5 39.8 59.6
89 53.3 38.8 58.2



#52
Acenaphthene
Concen: 43.278 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:154 Resp: 199227
Ion Ratio Lower Upper
154 100
153 110.4 90.7 136.1
152 52.1 43.7 65.5





#53

3-Nitroaniline

Concen: 26.121 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

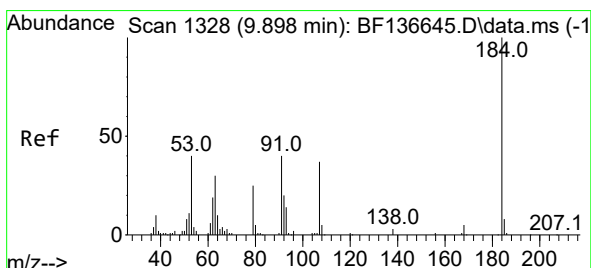
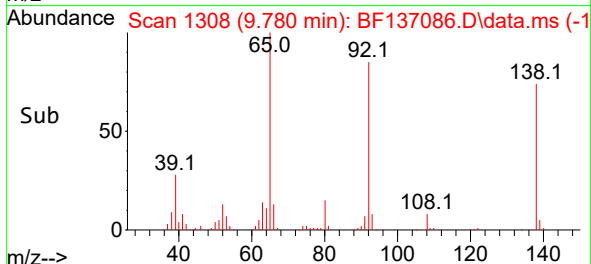
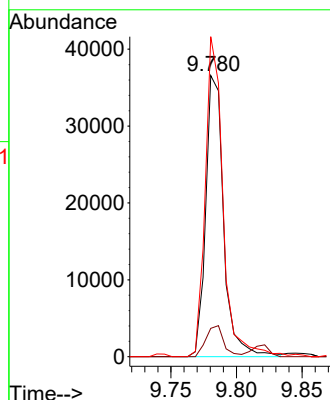
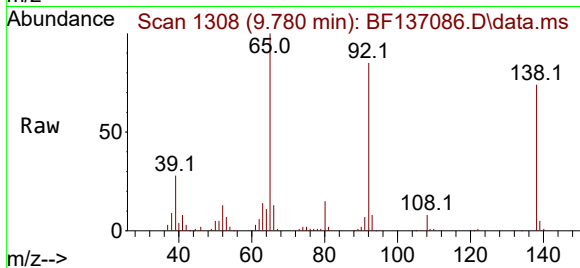
Tgt Ion:138 Resp: 34934

Ion Ratio Lower Upper

138 100

108 10.1 8.6 12.8

92 113.8 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 50.781 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

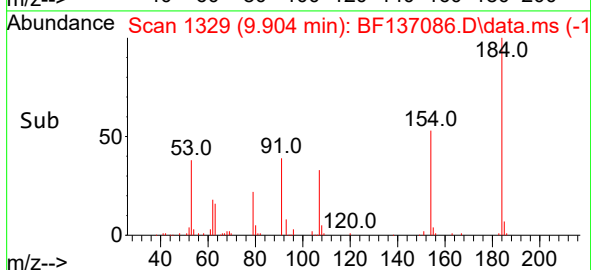
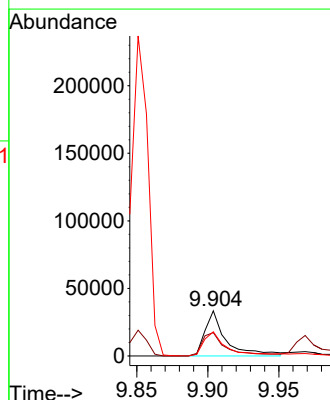
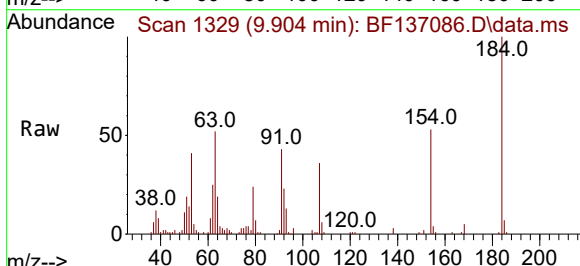
Tgt Ion:184 Resp: 34531

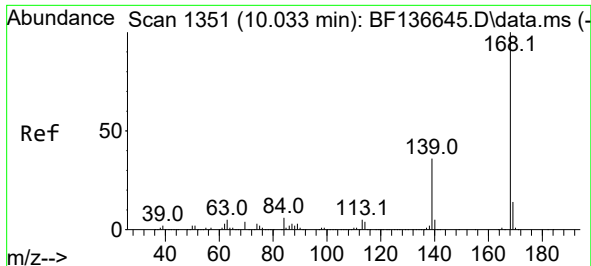
Ion Ratio Lower Upper

184 100

63 51.9 40.9 61.3

154 53.5 42.7 64.1

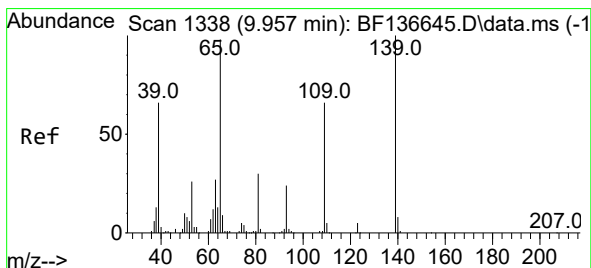
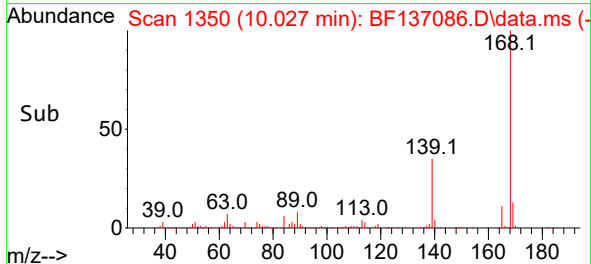
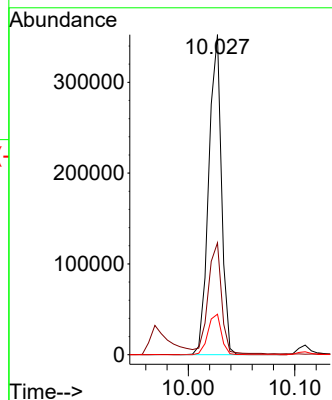
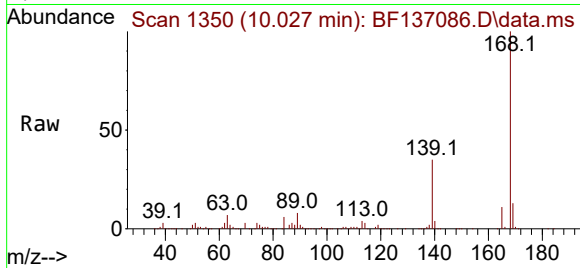




#55
Dibenzenofuran
Concen: 42.130 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

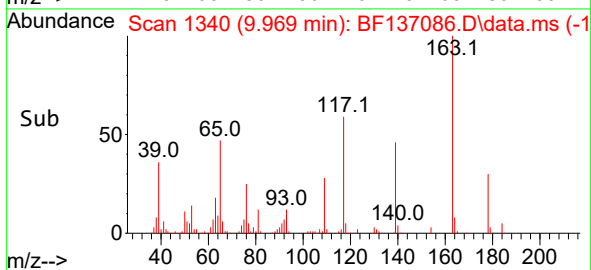
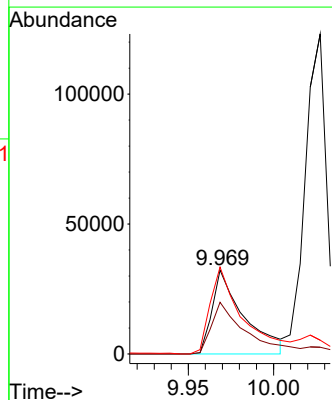
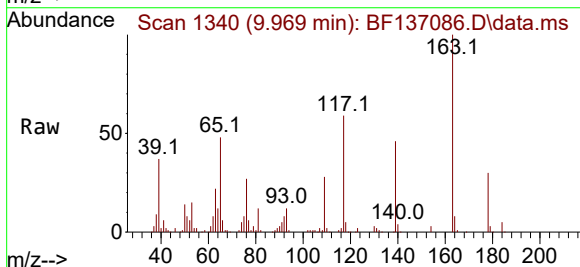
Instrument :
BNA_F
ClientSampleId :
MH-EMS

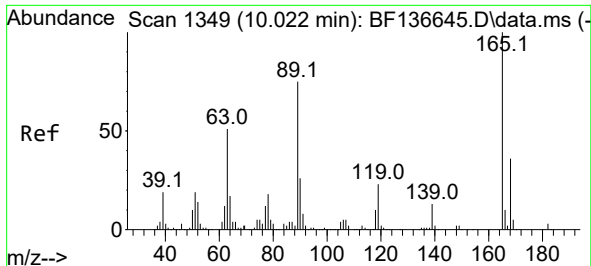
Tgt Ion:168 Resp: 293990
Ion Ratio Lower Upper
168 100
139 34.9 29.3 43.9
169 12.7 11.0 16.4



#56
4-Nitrophenol
Concen: 46.169 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:139 Resp: 41683
Ion Ratio Lower Upper
139 100
109 61.6 45.8 85.8
65 103.7 77.8 117.8

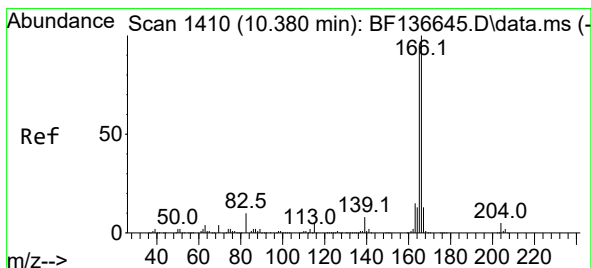
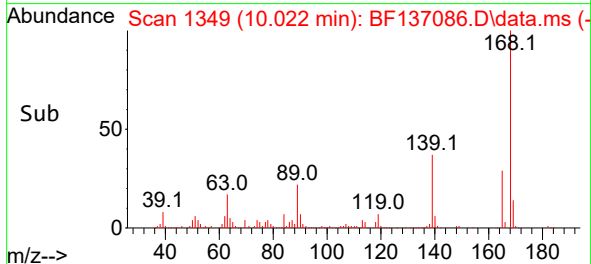
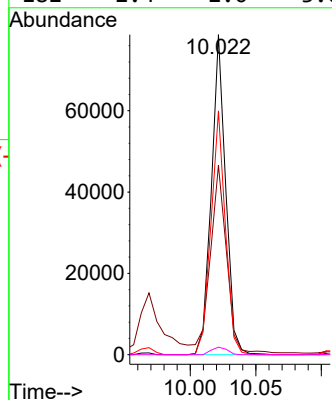
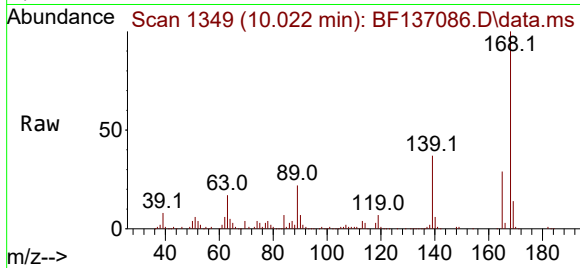




#57
2,4-Dinitrotoluene
Concen: 36.652 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

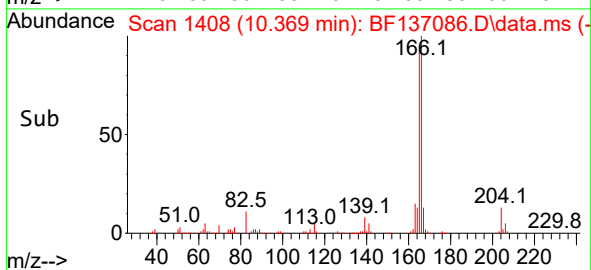
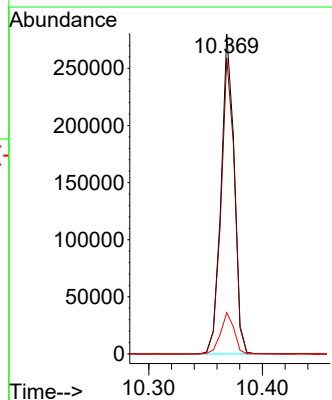
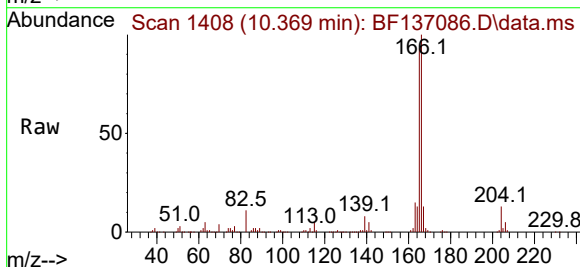
Instrument :
BNA_F
ClientSampleId :
MH-EMS

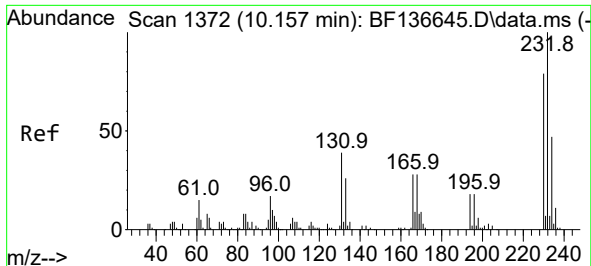
Tgt Ion:165 Resp: 60073
Ion Ratio Lower Upper
165 100
63 59.3 41.0 61.6
89 76.2 59.9 89.9
182 2.4 2.0 3.0



#58
Fluorene
Concen: 40.717 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:166 Resp: 225446
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 12.9 10.4 15.6

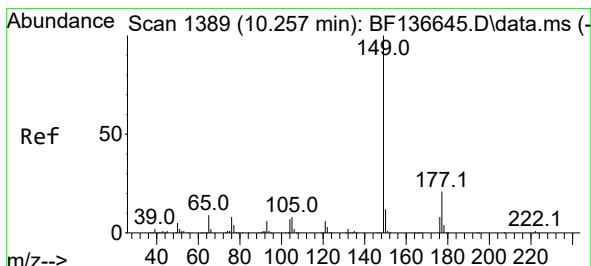
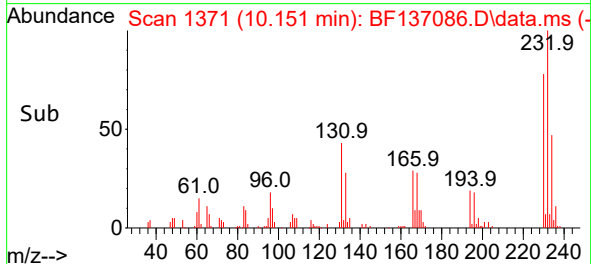
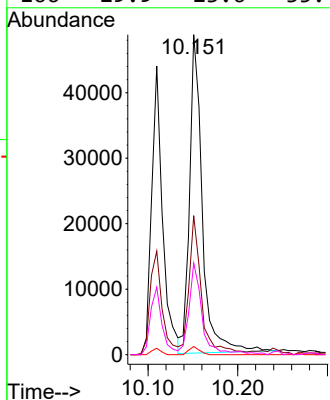
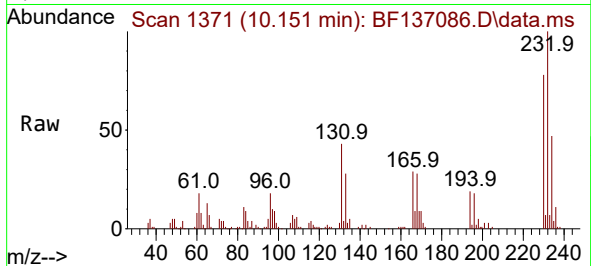




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.919 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

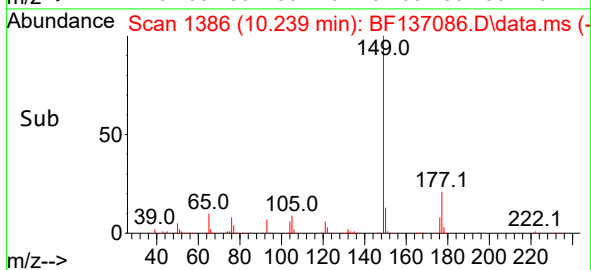
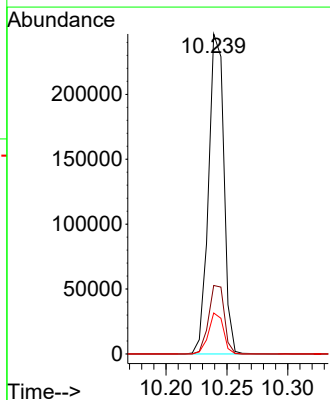
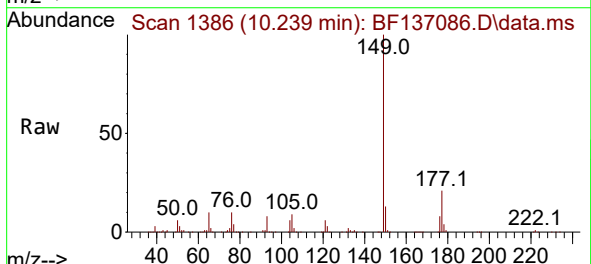
Instrument :
BNA_F
ClientSampleId :
MH-EMS

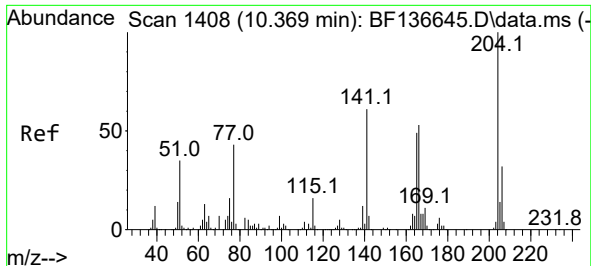
Tgt Ion:232 Resp: 47905
Ion Ratio Lower Upper
232 100
131 43.1 35.1 52.7
130 2.1 1.6 2.4
166 29.9 23.6 35.4



#60
Diethylphthalate
Concen: 37.507 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.018 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:149 Resp: 216489
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.8 9.3 13.9

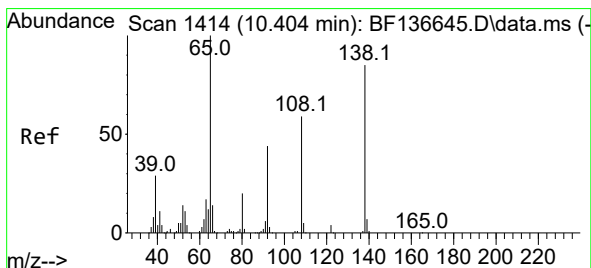
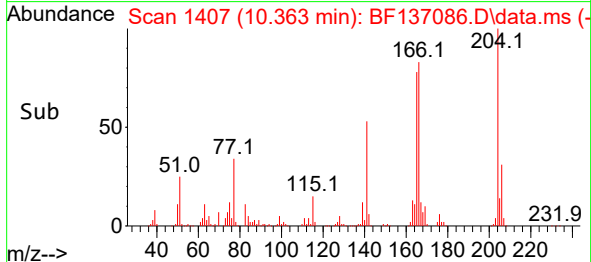
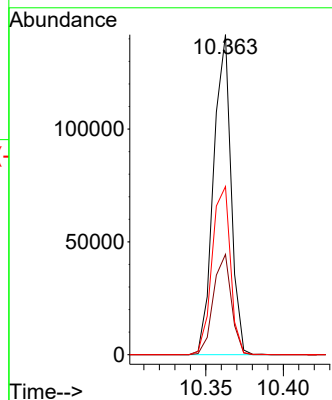
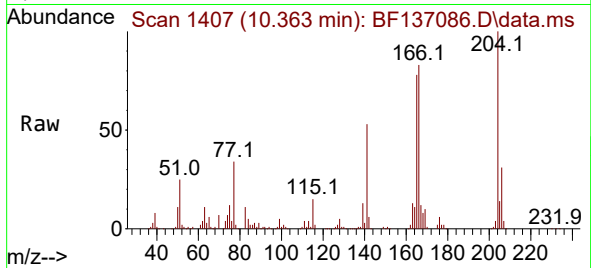




#61
4-Chlorophenyl-phenylether
Concen: 41.261 ng
RT: 10.363 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

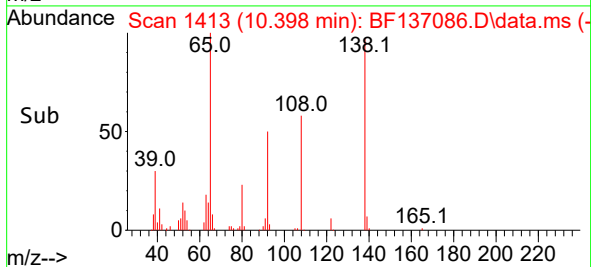
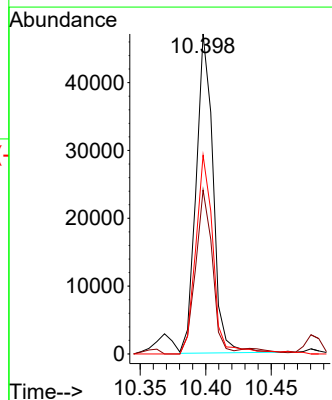
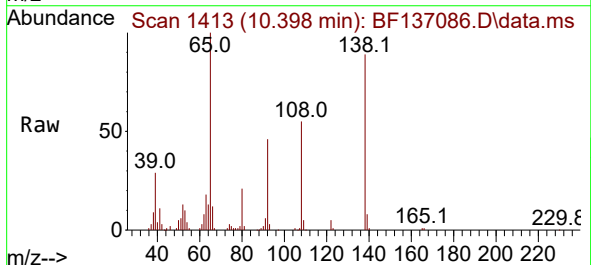
Instrument :
BNA_F
ClientSampleId :
MH-EMS

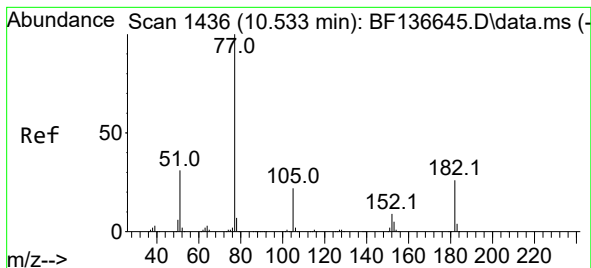
Tgt Ion:204 Resp: 111046
Ion Ratio Lower Upper
204 100
206 31.4 25.6 38.4
141 52.6 48.4 72.6



#62
4-Nitroaniline
Concen: 32.912 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:138 Resp: 42433
Ion Ratio Lower Upper
138 100
92 51.3 32.1 72.1
108 62.1 50.1 90.1





#63

Azobenzene

Concen: 37.761 ng

RT: 10.521 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

Tgt Ion: 77 Resp: 203568

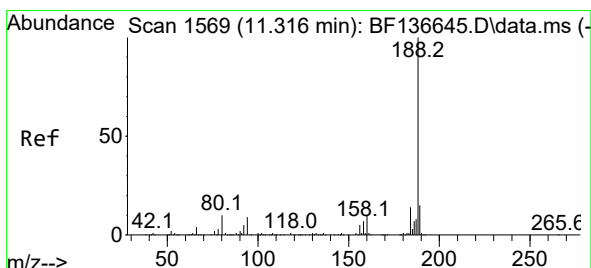
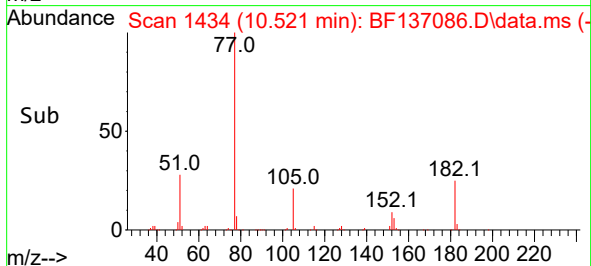
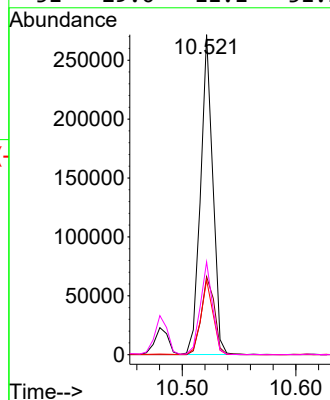
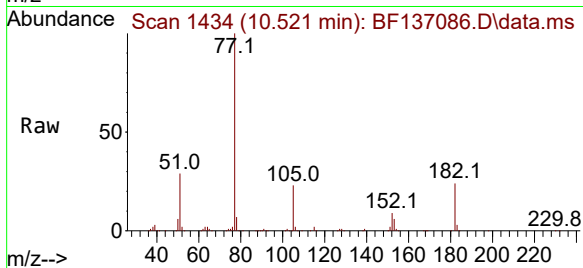
Ion Ratio Lower Upper

77 100

182 24.4 6.0 46.0

105 23.4 2.3 42.3

51 29.0 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: BF137086.D

Acq: 16 Jan 2024 18:38

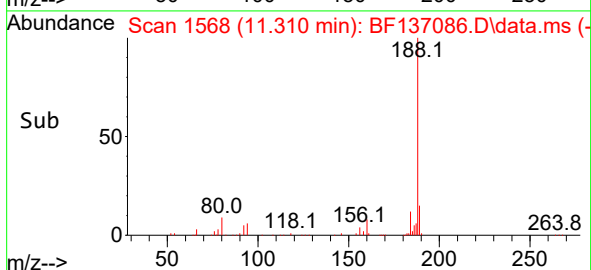
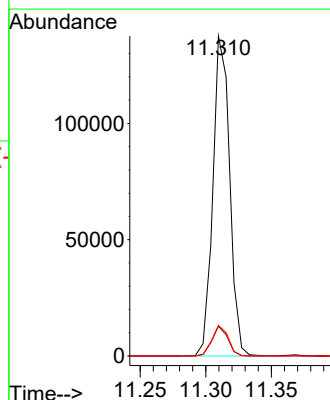
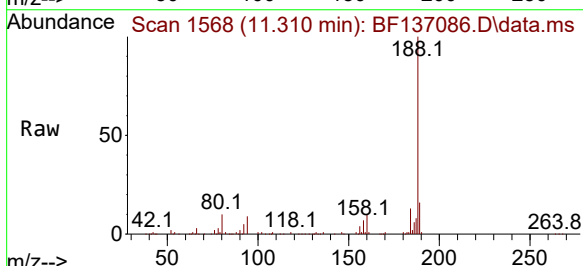
Tgt Ion: 188 Resp: 122393

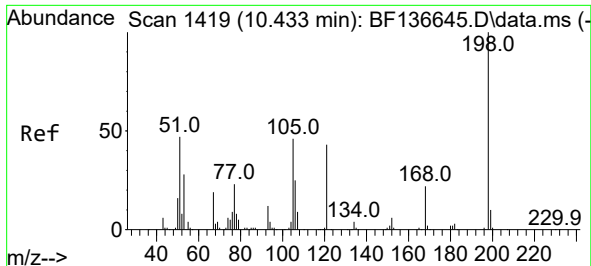
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.6 8.1 12.1

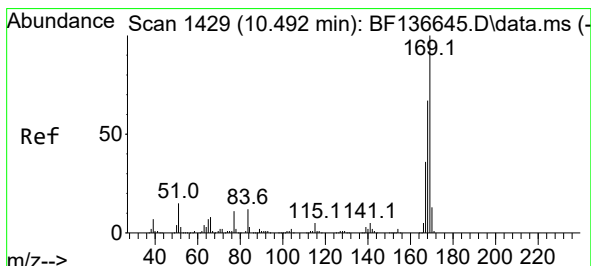
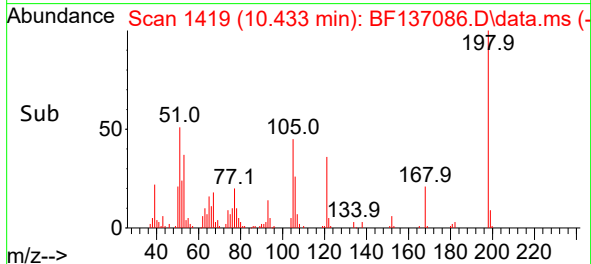
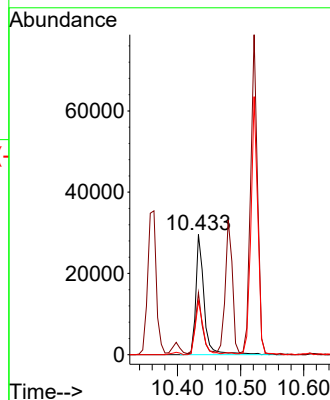
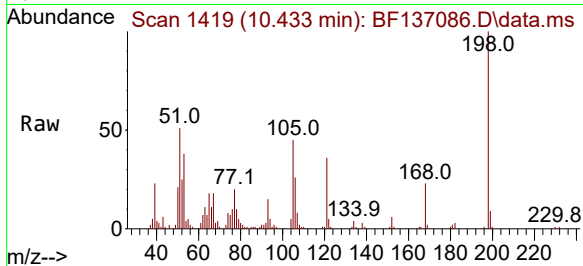




#65
4,6-Dinitro-2-methylphenol
Concen: 38.038 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

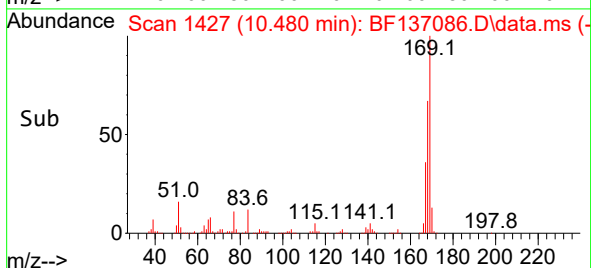
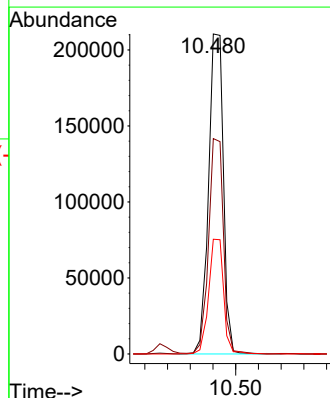
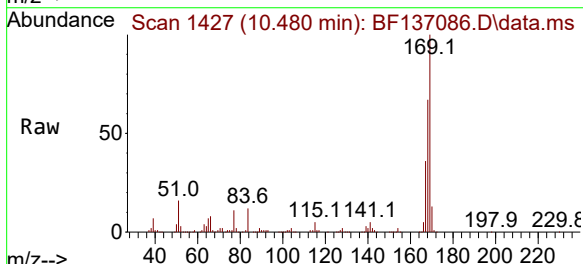
Instrument :
BNA_F
ClientSampleId :
MH-EMS

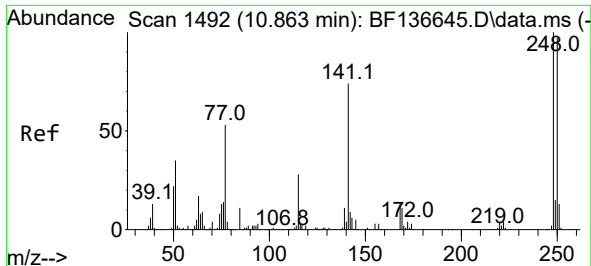
Tgt Ion:198 Resp: 26681
Ion Ratio Lower Upper
198 100
51 51.5 34.1 74.1
105 44.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 47.803 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:169 Resp: 190060
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 35.9 28.7 43.1

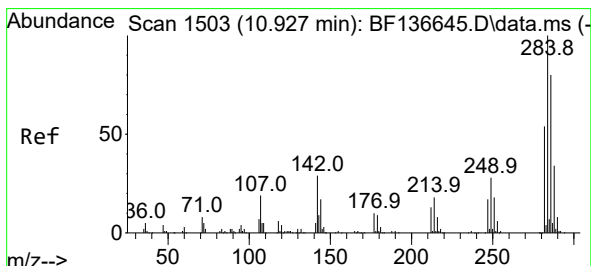
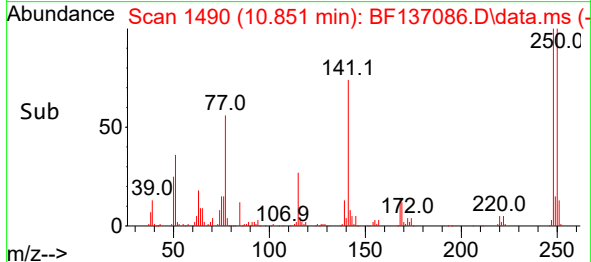
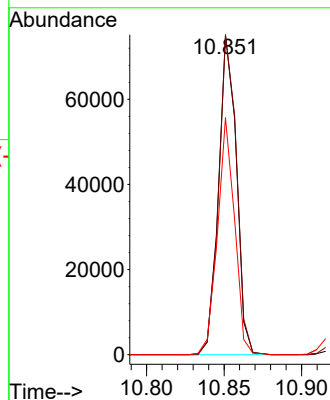
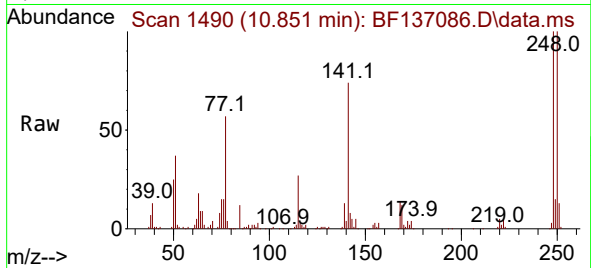




#67
4-Bromophenyl-phenylether
Concen: 44.253 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

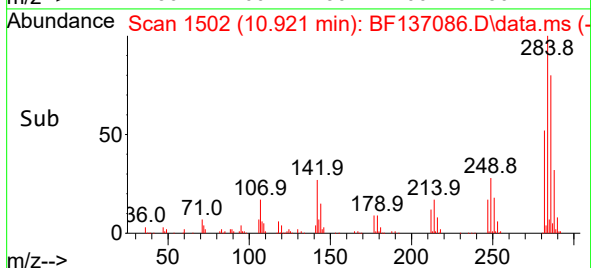
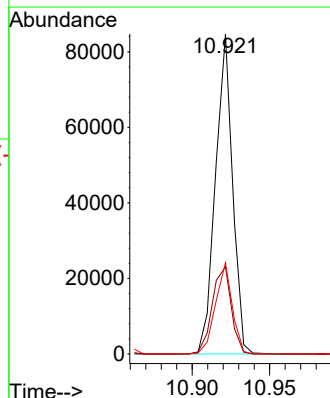
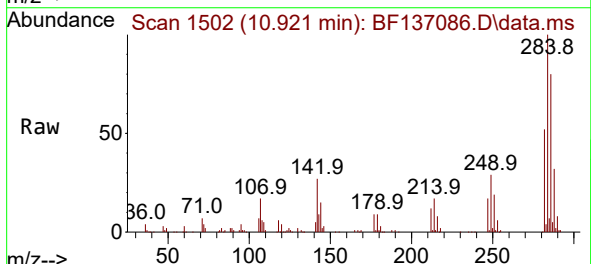
Instrument :
BNA_F
ClientSampleId :
MH-EMS

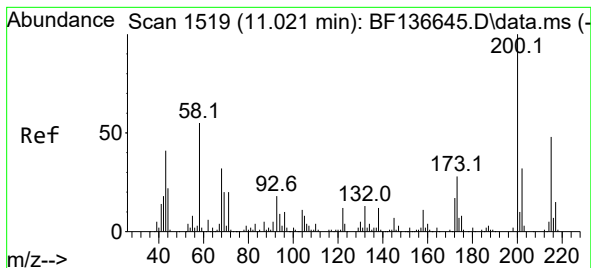
Tgt Ion:248 Resp: 60151
Ion Ratio Lower Upper
248 100
250 99.8 77.8 116.6
141 74.1 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.926 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:284 Resp: 65023
Ion Ratio Lower Upper
284 100
142 27.2 23.4 35.0
249 28.5 22.3 33.5





#69

Atrazine

Concen: 54.161 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

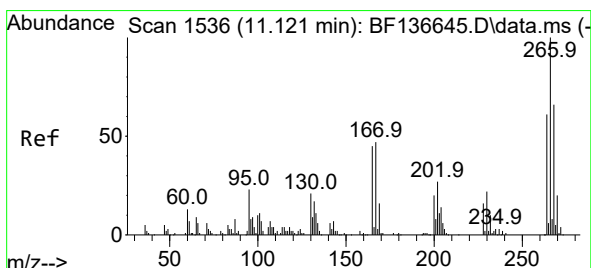
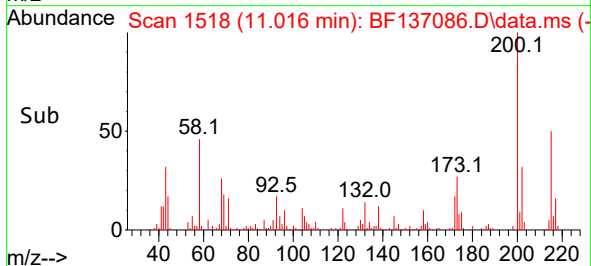
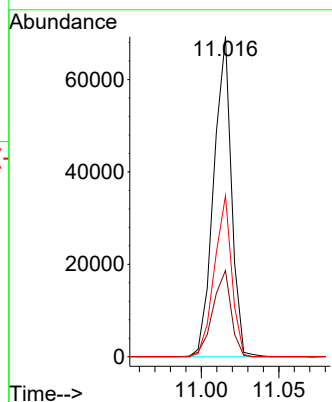
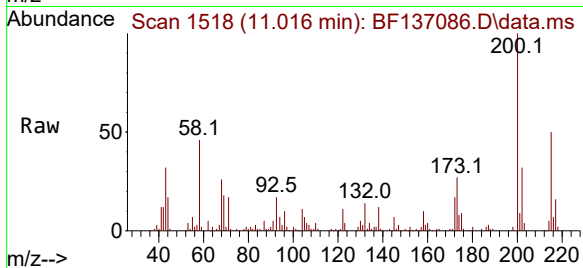
Tgt Ion:200 Resp: 55077

Ion Ratio Lower Upper

200 100

173 27.0 7.6 47.6

215 50.3 28.3 68.3



#70

Pentachlorophenol

Concen: 59.682 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

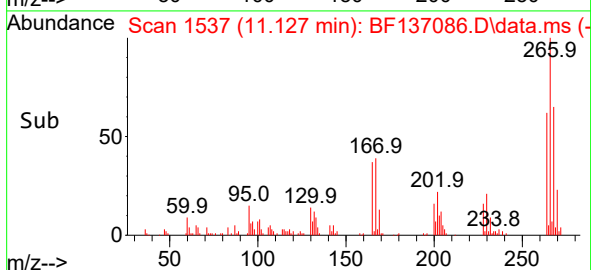
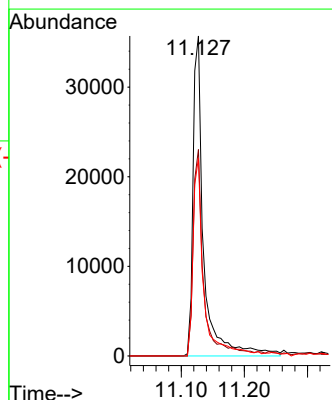
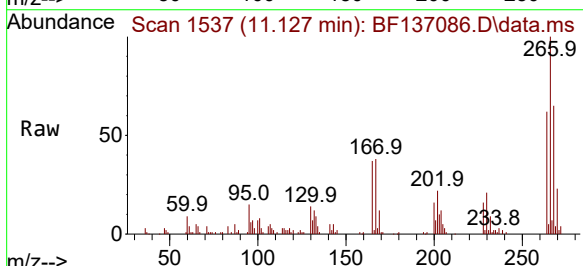
Tgt Ion:266 Resp: 42139

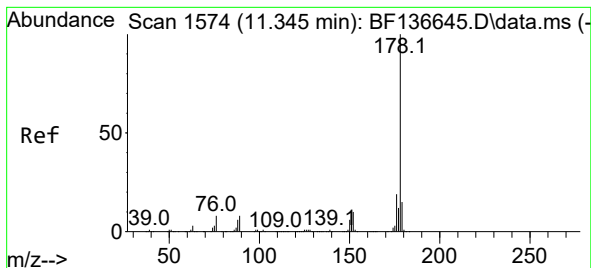
Ion Ratio Lower Upper

266 100

268 64.5 52.6 78.8

264 61.9 49.0 73.4





#71

Phenanthrene

Concen: 44.189 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

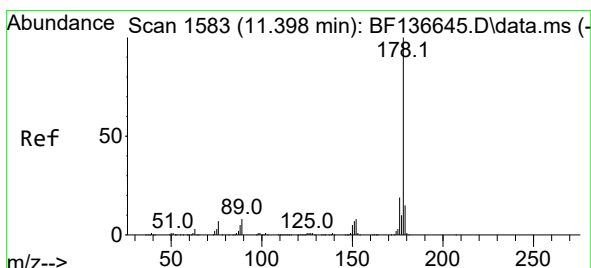
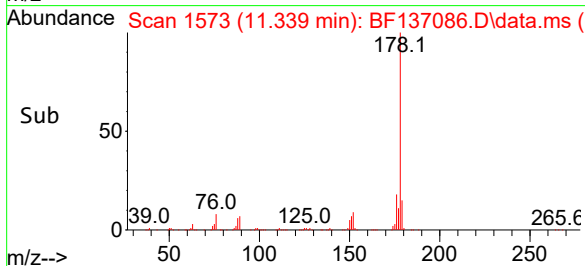
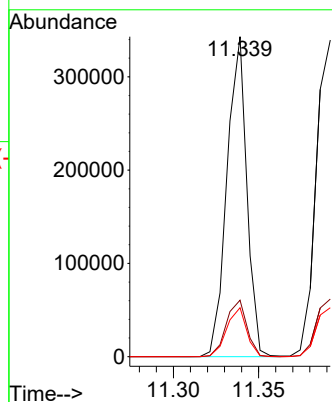
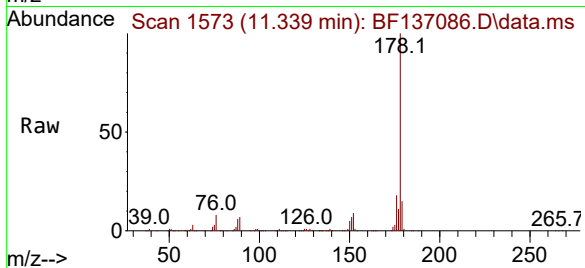
Tgt Ion:178 Resp: 277513

Ion Ratio Lower Upper

178 100

176 17.7 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 44.806 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

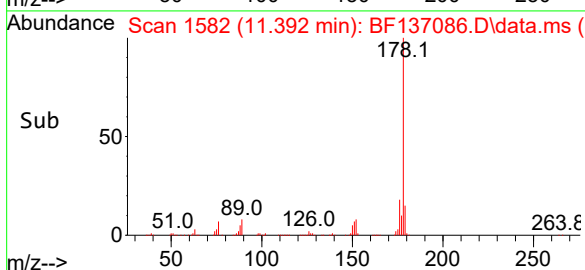
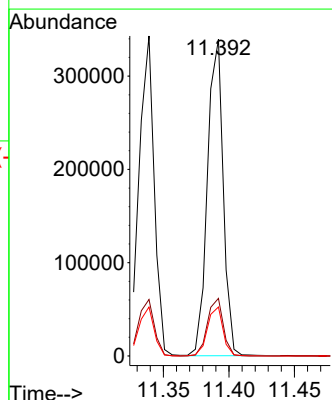
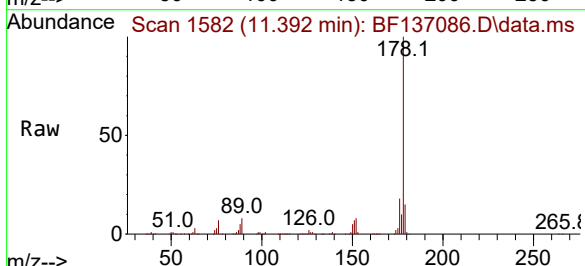
Tgt Ion:178 Resp: 284966

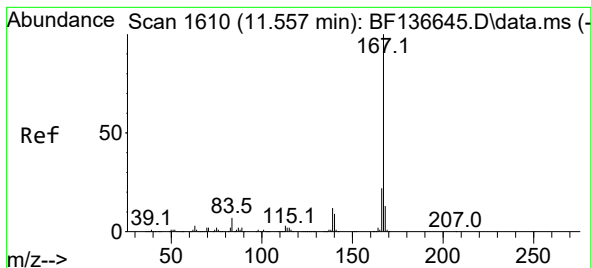
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.5 11.8 17.6





#73

Carbazole

Concen: 42.476 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

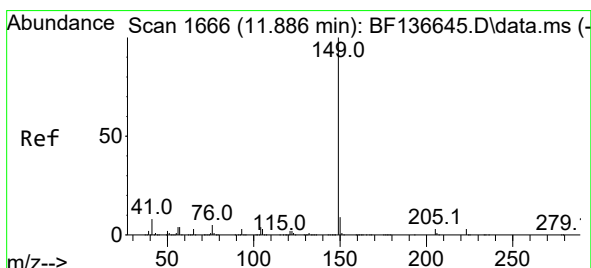
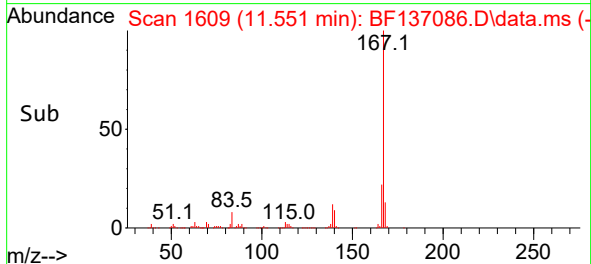
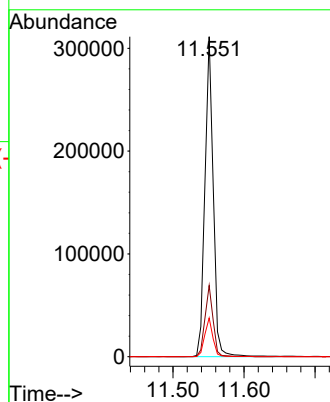
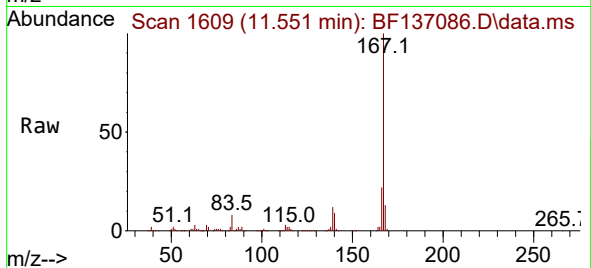
Tgt Ion:167 Resp: 254701

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 42.831 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

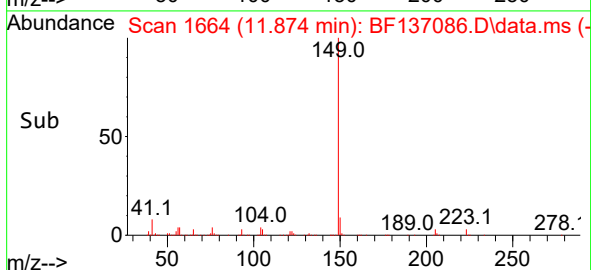
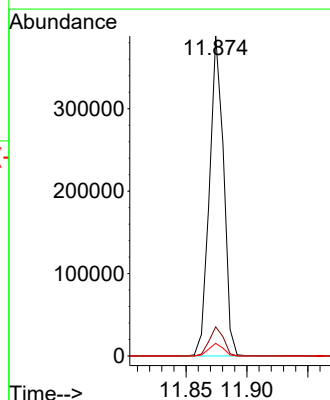
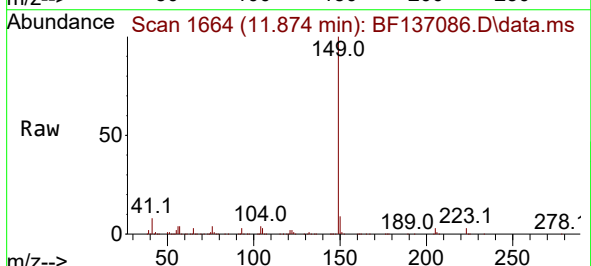
Tgt Ion:149 Resp: 313394

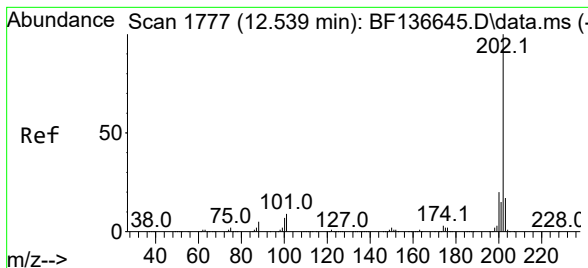
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.0 3.6 5.4





#75

Fluoranthene

Concen: 45.504 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

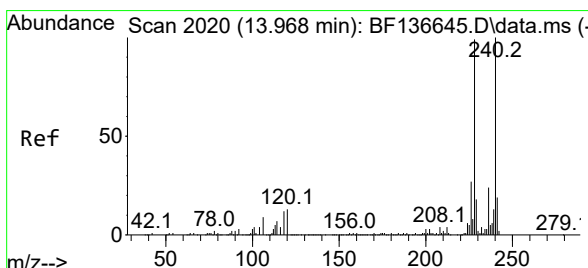
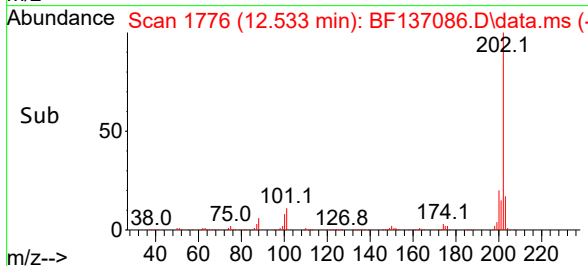
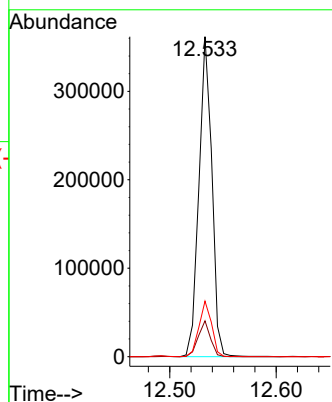
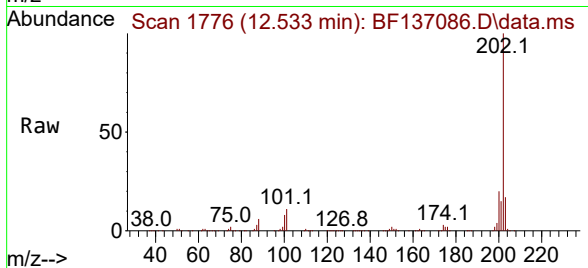
Tgt Ion:202 Resp: 305676

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

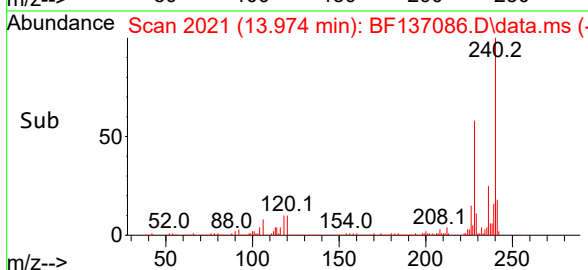
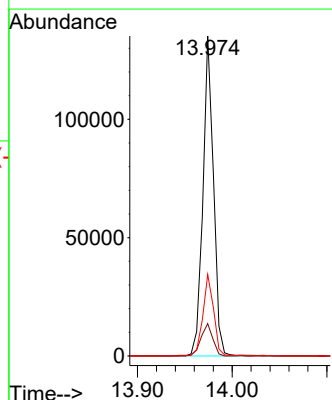
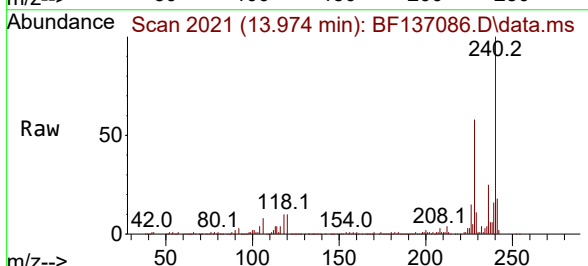
Tgt Ion:240 Resp: 105463

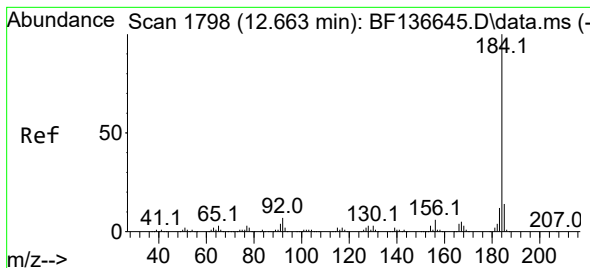
Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

236 25.5 19.4 29.2





#77

Benzidine

Concen: 42.536 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

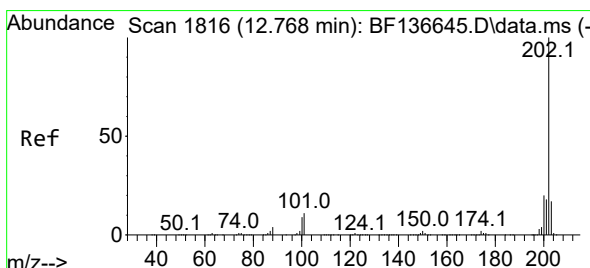
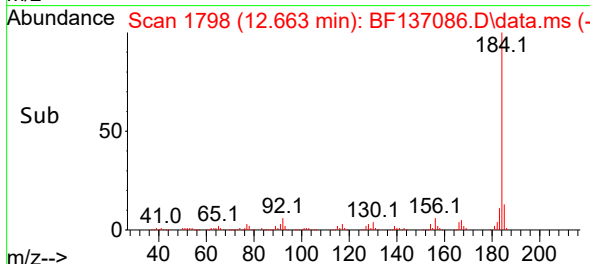
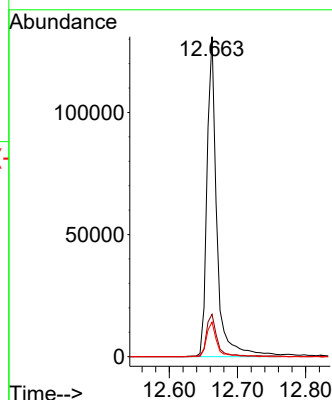
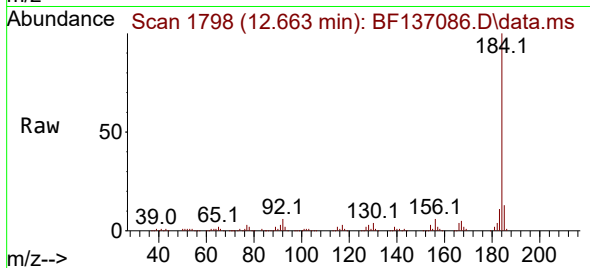
Tgt Ion:184 Resp: 132272

Ion Ratio Lower Upper

184 100

185 13.3 11.2 16.8

183 10.8 9.3 13.9



#78

Pyrene

Concen: 30.292 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

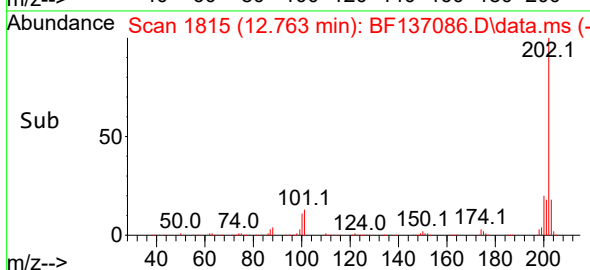
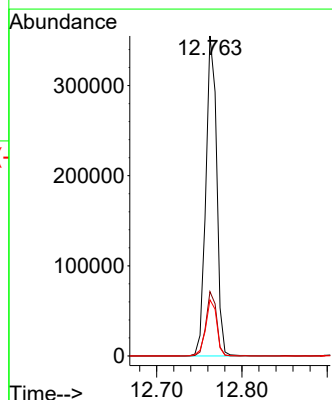
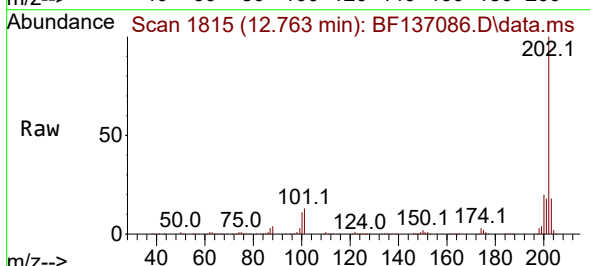
Tgt Ion:202 Resp: 313608

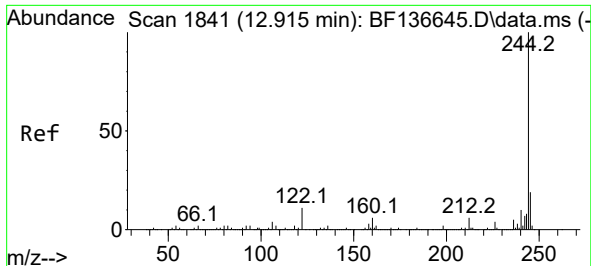
Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

203 17.5 13.8 20.6

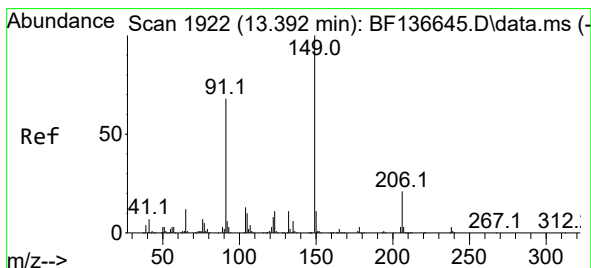
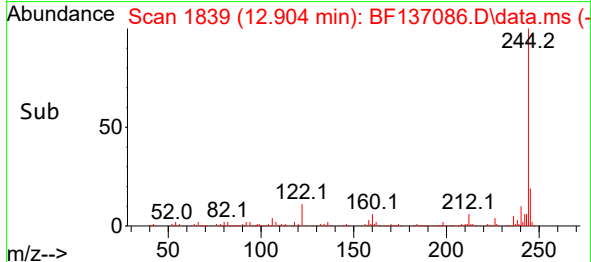
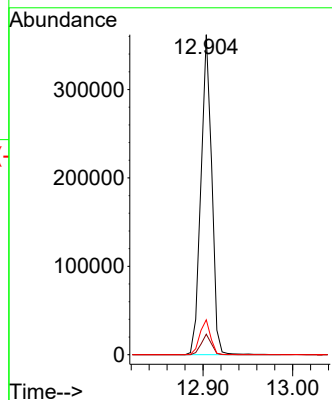
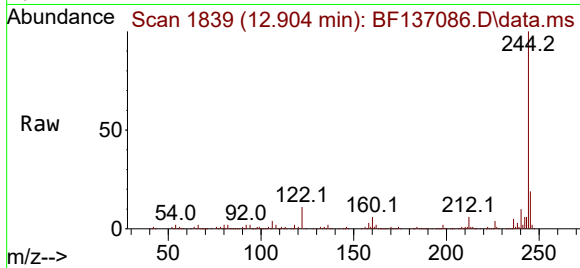




#79
 Terphenyl-d14
 Concen: 40.016 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137086.D
 Acq: 16 Jan 2024 18:38

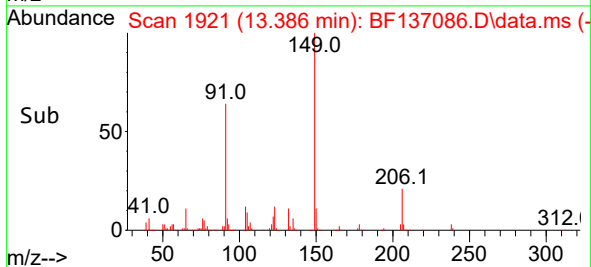
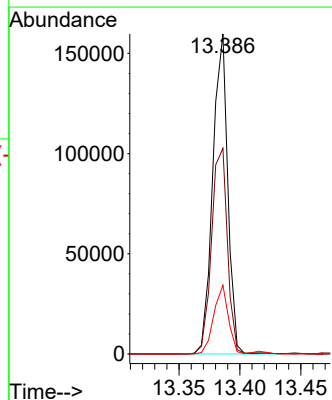
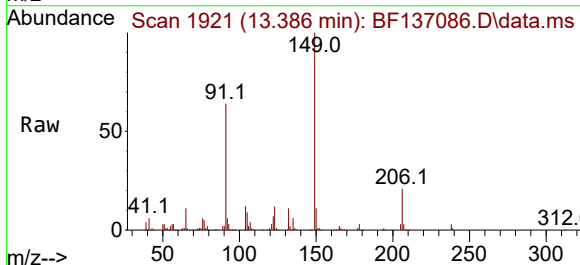
Instrument :
 BNA_F
 ClientSampleId :
 MH-EMS

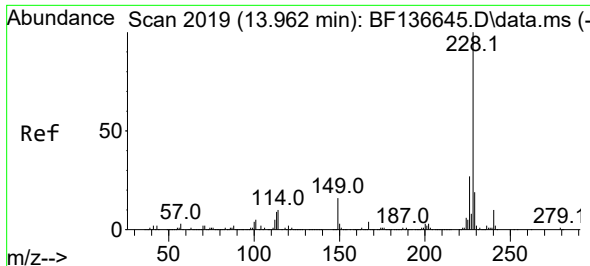
Tgt Ion:244 Resp: 301990
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 36.320 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137086.D
 Acq: 16 Jan 2024 18:38

Tgt Ion:149 Resp: 136821
 Ion Ratio Lower Upper
 149 100
 91 64.2 54.1 81.1
 206 21.5 17.1 25.7

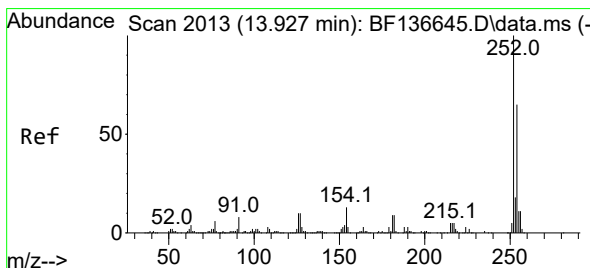
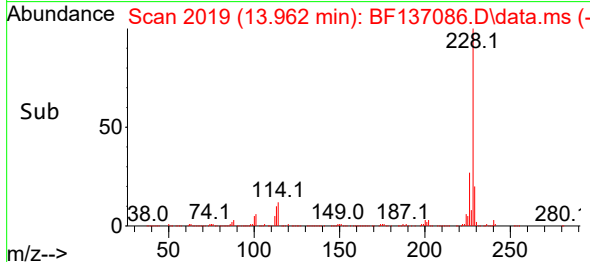
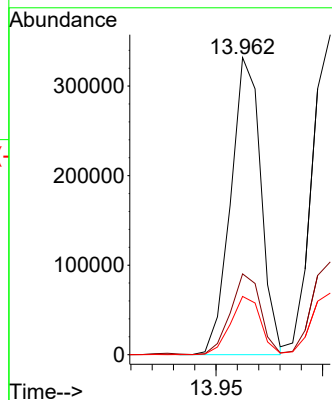
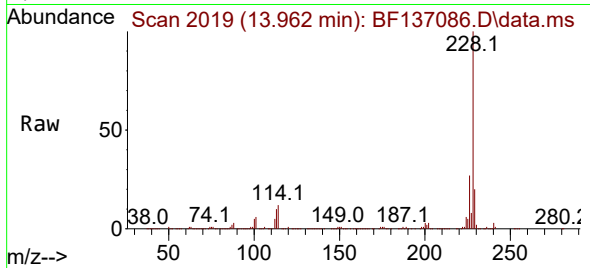




#81
Benzo(a)anthracene
Concen: 44.752 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

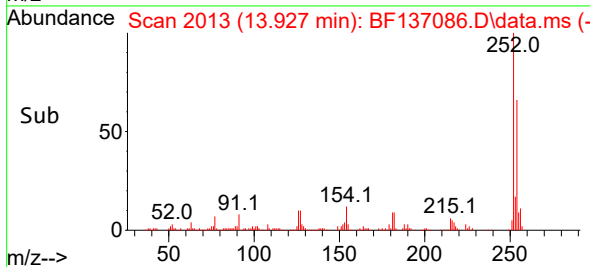
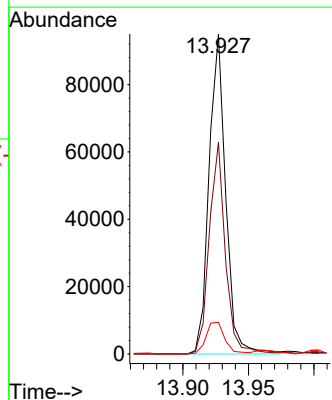
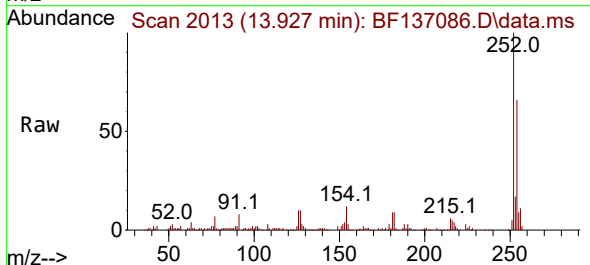
Instrument :
BNA_F
ClientSampleId :
MH-EMS

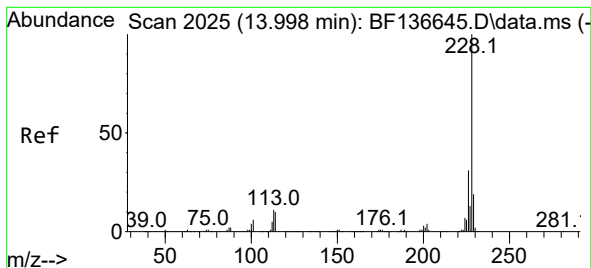
Tgt Ion:228 Resp: 327726
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.6 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.411 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:252 Resp: 84045
Ion Ratio Lower Upper
252 100
254 66.1 52.2 78.4
126 9.9 8.0 12.0





#83

Chrysene

Concen: 42.880 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

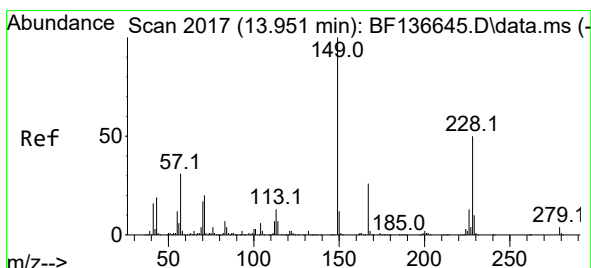
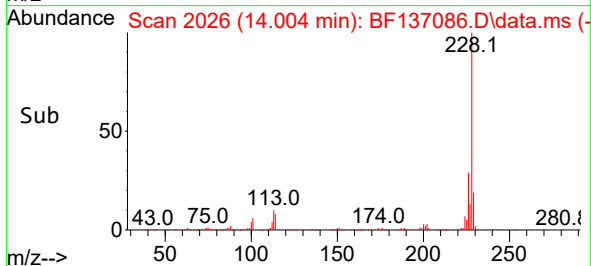
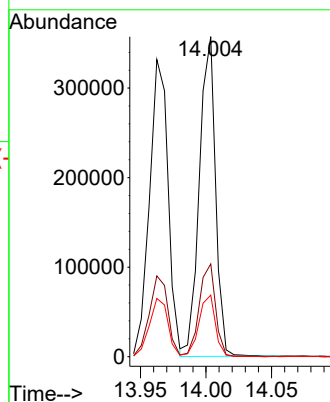
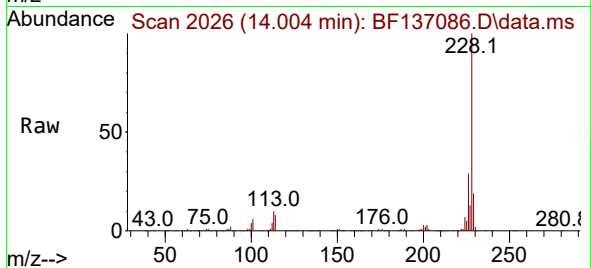
Tgt Ion:228 Resp: 307080

Ion Ratio Lower Upper

228 100

226 29.0 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.298 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

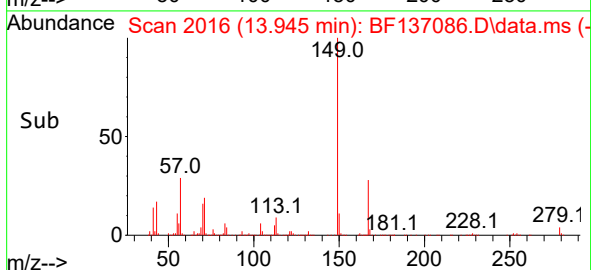
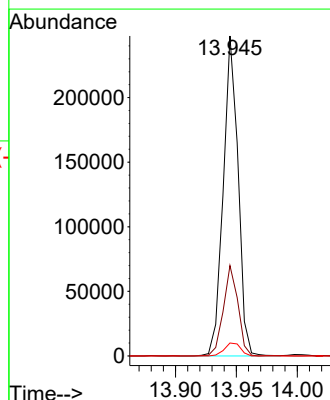
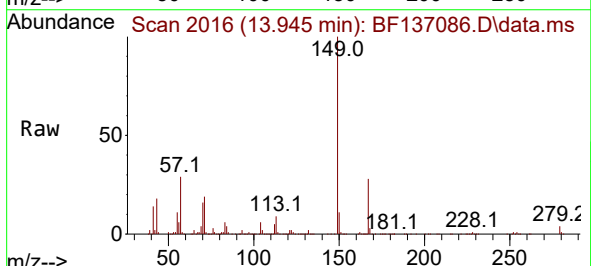
Tgt Ion:149 Resp: 209961

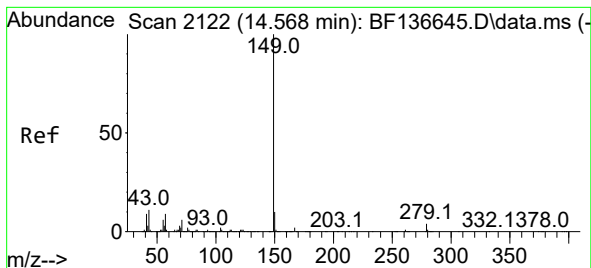
Ion Ratio Lower Upper

149 100

167 28.3 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.614 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

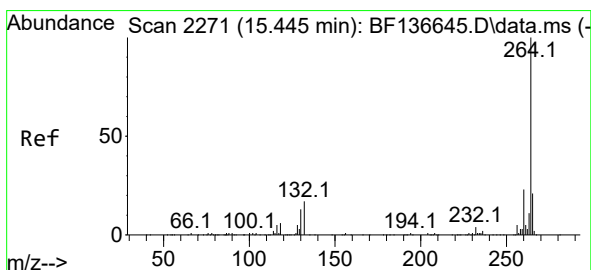
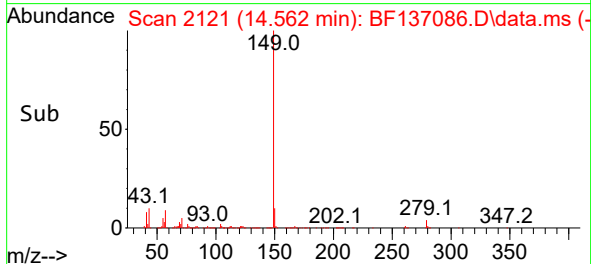
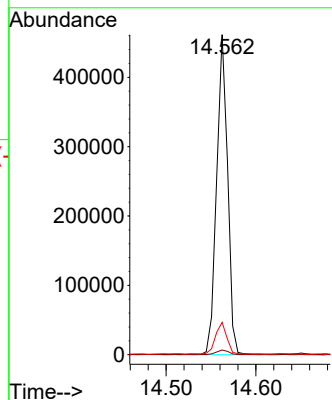
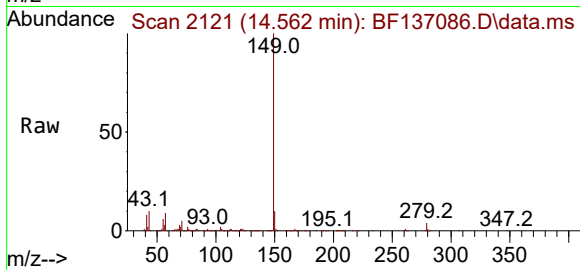
Tgt Ion:149 Resp: 393083

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

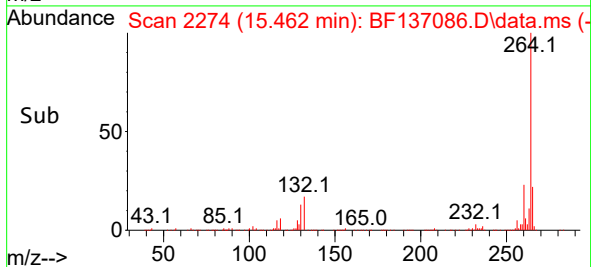
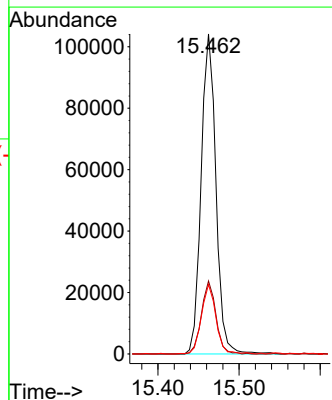
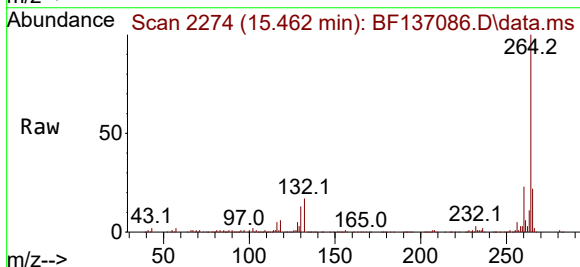
Tgt Ion:264 Resp: 131664

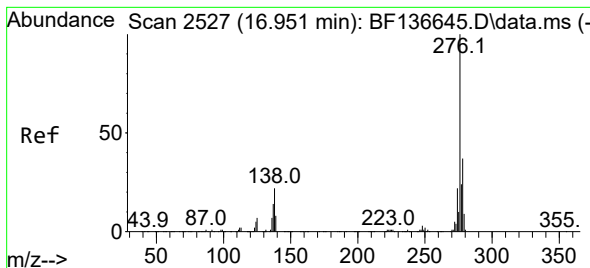
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.510 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

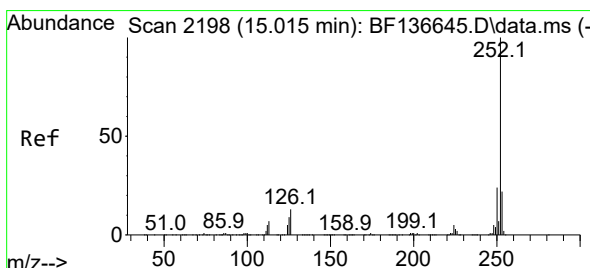
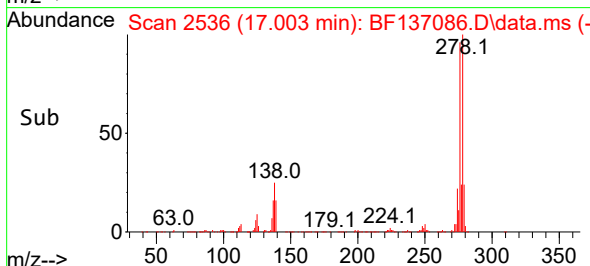
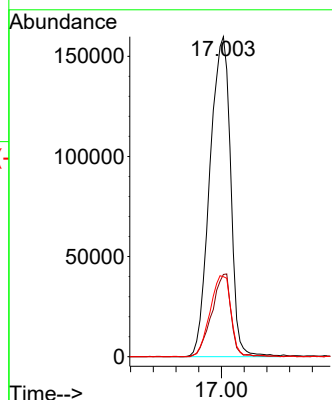
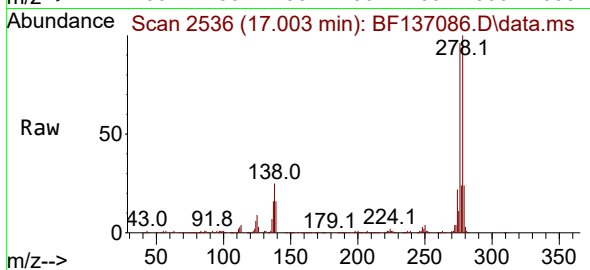
Tgt Ion:276 Resp: 404113

Ion Ratio Lower Upper

276 100

138 24.2 18.7 28.1

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.597 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

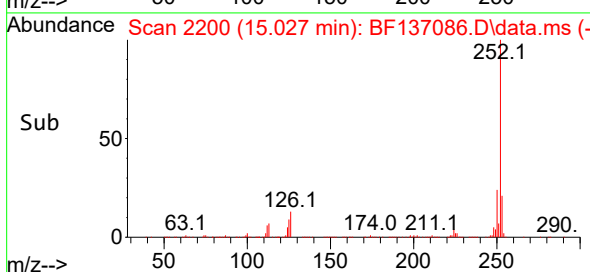
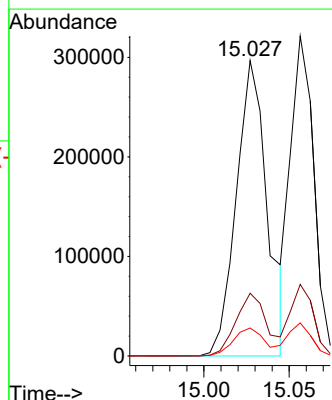
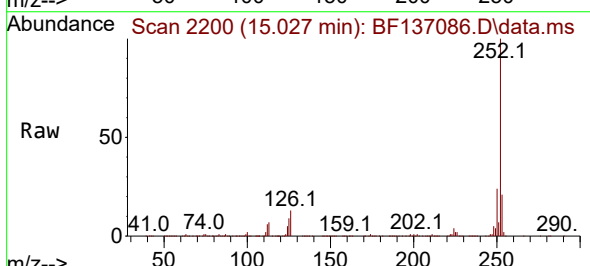
Tgt Ion:252 Resp: 374598

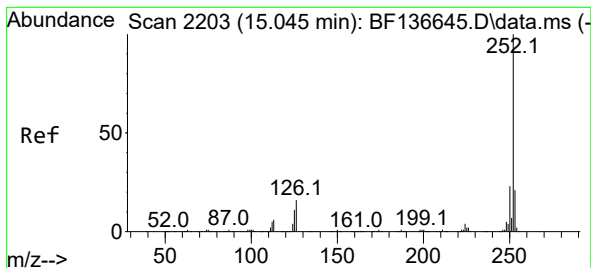
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 36.864 ng

RT: 15.056 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

Instrument :

BNA_F

ClientSampleId :

MH-EMS

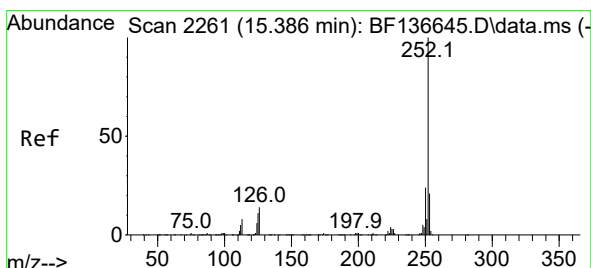
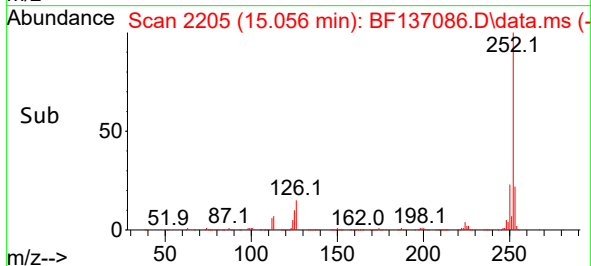
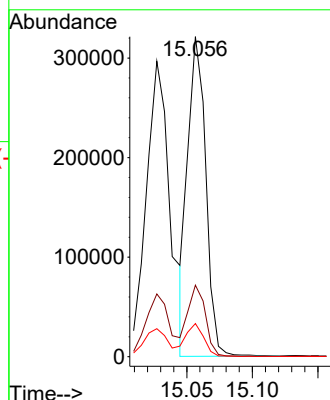
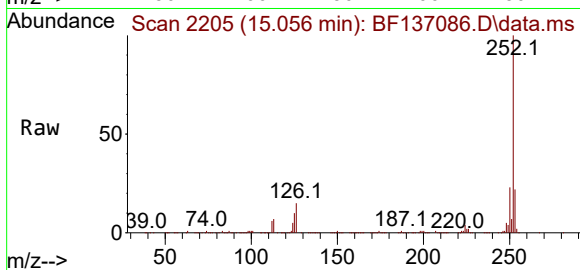
Tgt Ion:252 Resp: 306317

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 10.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.106 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137086.D

Acq: 16 Jan 2024 18:38

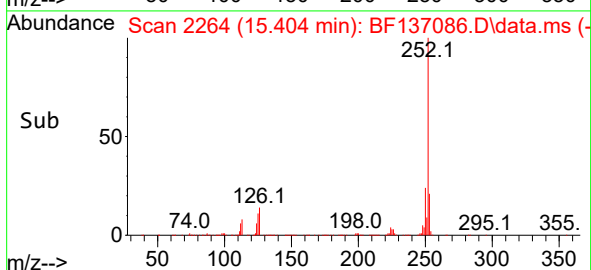
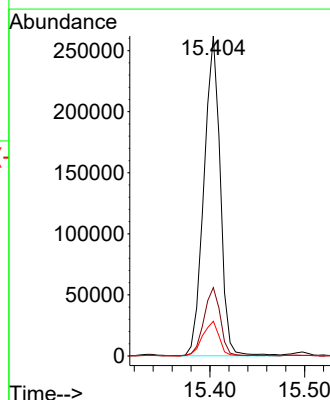
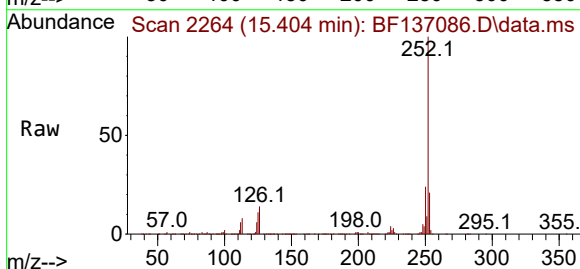
Tgt Ion:252 Resp: 312553

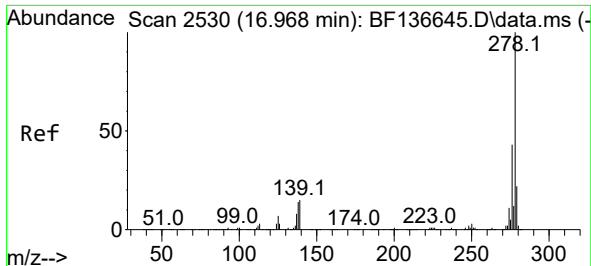
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 10.9 8.8 13.2

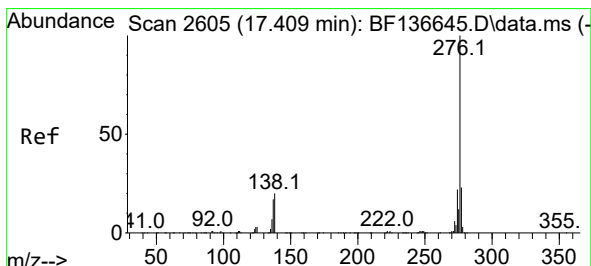
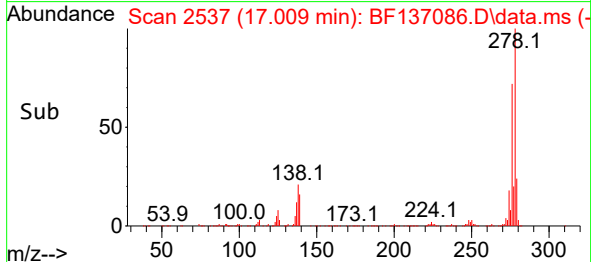
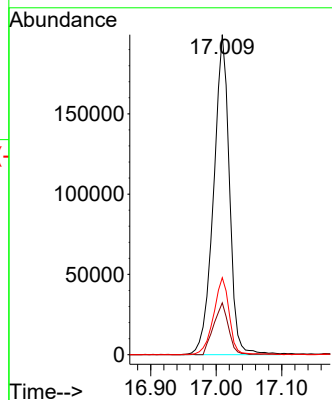
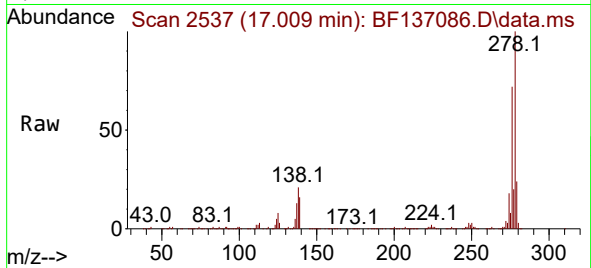




#91
Dibenzo(a,h)anthracene
Concen: 42.828 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Instrument :
BNA_F
ClientSampleId :
MH-EMS

Tgt Ion:278 Resp: 334016
Ion Ratio Lower Upper
278 100
139 16.2 12.2 18.4
279 24.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 38.568 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.053 min
Lab File: BF137086.D
Acq: 16 Jan 2024 18:38

Tgt Ion:276 Resp: 308077
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 19.3 15.6 23.4

