

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137098.D
 Acq On : 17 Jan 2024 17:37
 Operator : CG\JU
 Sample : P1139-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MS

Quant Time: Jan 18 01:15:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	60264	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	229383	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	114136	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	190353	20.000	ng	0.00
76) Chrysene-d12	13.974	240	118179	20.000	ng	0.00
86) Perylene-d12	15.463	264	113023	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	450783	116.711	ng	0.02
7) Phenol-d6	6.446	99	533017	106.503	ng	0.00
23) Nitrobenzene-d5	7.351	82	374498	83.544	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	155509	115.688	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	772579	91.041	ng	-0.01
79) Terphenyl-d14	12.910	244	635675	75.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	58636	36.436	ng	# 80
3) Pyridine	3.481	79	108256	27.571	ng	95
4) n-Nitrosodimethylamine	3.416	42	81766	38.995	ng	97
6) Aniline	6.457	93	42253	8.444	ng	# 1
8) 2-Chlorophenol	6.581	128	178673	42.272	ng	95
9) Benzaldehyde	6.346	77	21255	7.467	ng	95
10) Phenol	6.457	94	193197	36.162	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	168513	41.476	ng	98
12) 1,3-Dichlorobenzene	6.728	146	180955	39.245	ng	96
13) 1,4-Dichlorobenzene	6.804	146	187115	39.716	ng	97
14) 1,2-Dichlorobenzene	6.951	146	178132	40.633	ng	99
15) Benzyl Alcohol	6.940	79	149085	44.155	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	265718	40.002	ng	66
17) 2-Methylphenol	7.057	107	141804	40.498	ng	# 93
18) Hexachloroethane	7.287	117	63860	37.323	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	128717	42.427	ng	94
20) 3+4-Methylphenols	7.210	107	182863	41.802	ng	# 54
22) Acetophenone	7.198	105	263998	45.917	ng	# 86
24) Nitrobenzene	7.369	77	186212	41.468	ng	99
25) Isophorone	7.610	82	346556	42.487	ng	99
26) 2-Nitrophenol	7.687	139	95449	44.427	ng	96
27) 2,4-Dimethylphenol	7.728	122	142183	54.360	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	218669	44.104	ng	100
29) 2,4-Dichlorophenol	7.934	162	150699	44.753	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	158559	42.261	ng	98
31) Naphthalene	8.087	128	528595	41.946	ng	100
32) Benzoic acid	7.881	122	101623	40.155	ng	98
33) 4-Chloroaniline	8.140	127	16036	3.447	ng	97
34) Hexachlorobutadiene	8.192	225	92090	40.399	ng	99
35) Caprolactam	8.528	113	38455	34.617	ng	# 83
36) 4-Chloro-3-methylphenol	8.640	107	159691	42.125	ng	99
37) 2-Methylnaphthalene	8.775	142	338506	41.739	ng	100
38) 1-Methylnaphthalene	8.875	142	326057	40.979	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	165335	46.774	ng	98
41) Hexachlorocyclopentadiene	8.922	237	36044	34.921	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	104273	45.998	ng	98

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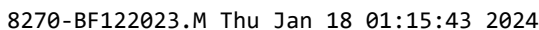
Instrument :
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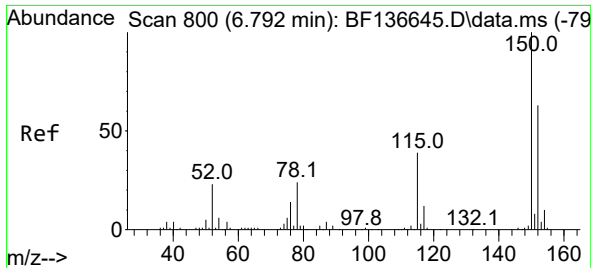
Quant Time: Jan 18 01:15:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	110442	43.720	ng	99
46) 1,1'-Biphenyl	9.245	154	450914	47.079	ng	99
47) 2-Chloronaphthalene	9.269	162	320730	44.049	ng	99
48) 2-Nitroaniline	9.375	65	97472	42.749	ng	95
49) Acenaphthylene	9.687	152	527370	47.386	ng	100
50) Dimethylphthalate	9.545	163	384553	46.127	ng	99
51) 2,6-Dinitrotoluene	9.616	165	82205	43.448	ng	88
52) Acenaphthene	9.857	154	299874	43.468	ng	97
53) 3-Nitroaniline	9.787	138	26564	13.254	ng	86
54) 2,4-Dinitrophenol	9.910	184	37597	37.915	ng	97
55) Dibenzofuran	10.028	168	454657	43.476	ng	99
56) 4-Nitrophenol	9.975	139	83965	62.058	ng	88
57) 2,4-Dinitrotoluene	10.028	165	98981	40.298	ng	# 90
58) Fluorene	10.375	166	365627	44.064	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	87606	45.052	ng	94
60) Diethylphthalate	10.245	149	388605	44.926	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	179828	44.587	ng	97
62) 4-Nitroaniline	10.410	138	62406	32.299	ng	88
63) Azobenzene	10.528	77	335767	41.560	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	27917	25.591	ng	97
66) n-Nitrosodiphenylamine	10.486	169	319361	51.647	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	102692	48.577	ng	96
68) Hexachlorobenzene	10.928	284	108368	45.999	ng	95
69) Atrazine	11.022	200	99512	62.920	ng	98
70) Pentachlorophenol	11.128	266	85002	77.408	ng	99
71) Phenanthrene	11.339	178	451427	46.219	ng	99
72) Anthracene	11.392	178	455047	46.004	ng	99
73) Carbazole	11.557	167	408848	43.840	ng	99
74) Di-n-butylphthalate	11.880	149	557827	49.019	ng	99
75) Fluoranthene	12.539	202	418166	40.026	ng	99
77) Benzidine	12.663	184	88326	25.348	ng	99
78) Pyrene	12.769	202	416852	35.932	ng	100
80) Butylbenzylphthalate	13.386	149	185693	43.989	ng	96
81) Benzo(a)anthracene	13.969	228	373464	45.510	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	72647	31.172	ng	99
83) Chrysene	14.004	228	346188	43.140	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	266812	50.235	ng	97
85) Di-n-octyl phthalate	14.563	149	453761	55.231	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	266218	32.623	ng	100
88) Benzo(b)fluoranthene	15.027	252	354554	46.968	ng	99
89) Benzo(k)fluoranthene	15.057	252	309049	43.327	ng	99
90) Benzo(a)pyrene	15.404	252	276223	43.349	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	229594	34.294	ng	96
92) Benzo(g,h,i)perylene	17.457	276	199593	29.108	ng	98

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

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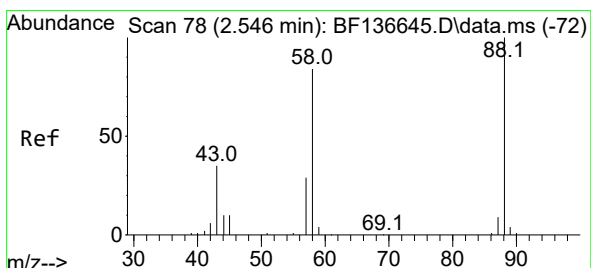
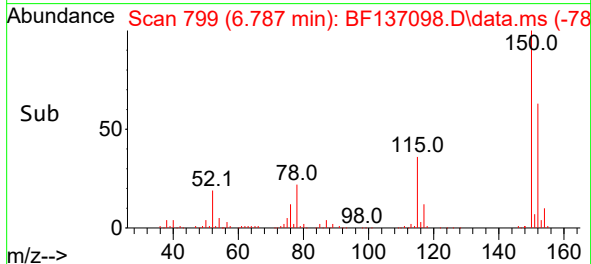
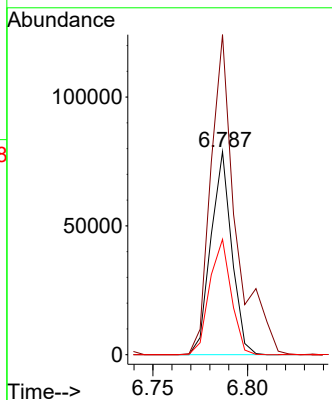
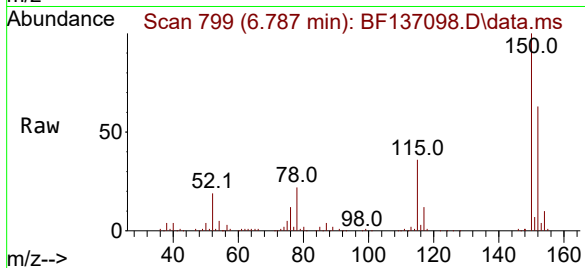




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

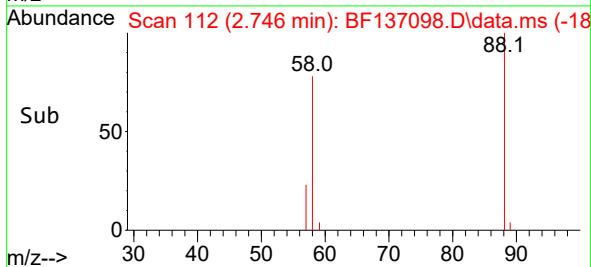
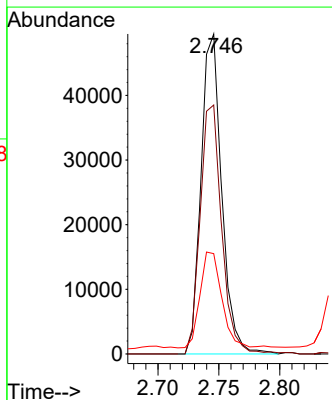
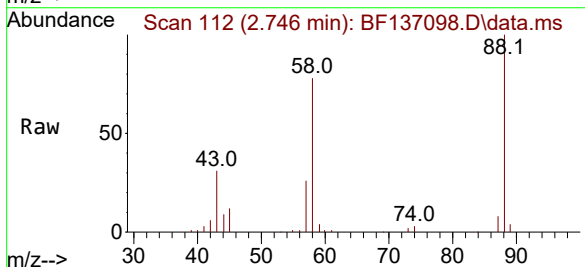
Instrument :
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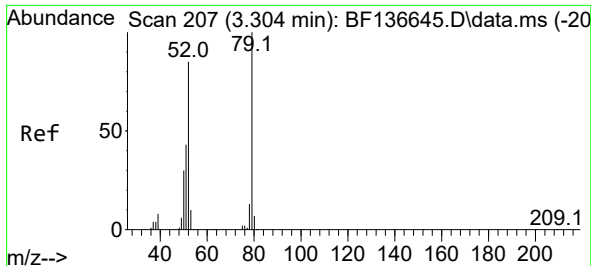
Tgt Ion:152 Resp: 60264
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.0 190.6
 115 56.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 36.436 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.200 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

Tgt Ion: 88 Resp: 58636
 Ion Ratio Lower Upper
 88 100
 58 81.2 67.4 101.0
 43 0.0 27.7 41.5





#3

Pyridine

Concen: 27.571 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.177 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

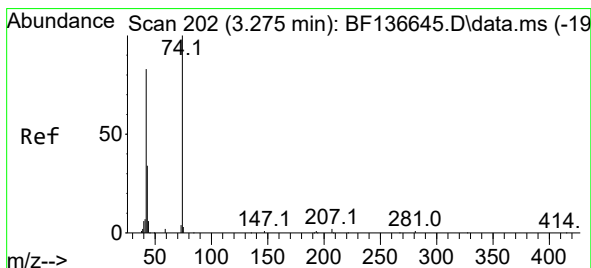
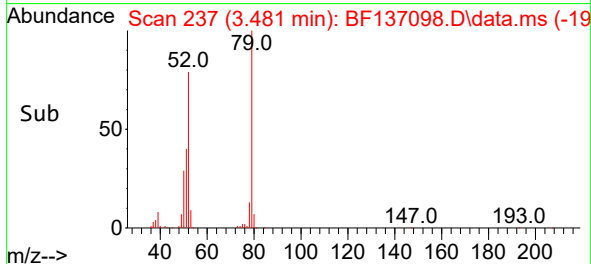
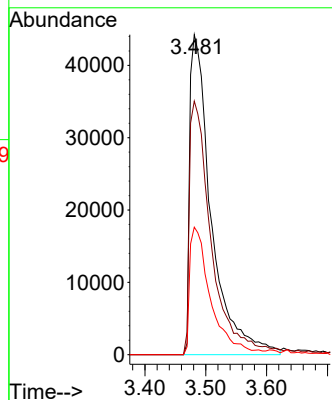
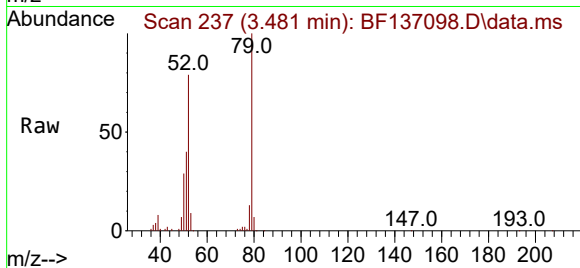
Tgt Ion: 79 Resp: 108256

Ion Ratio Lower Upper

79 100

52 79.3 67.7 101.5

51 39.9 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 38.995 ng

RT: 3.416 min Scan# 226

Delta R.T. 0.141 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

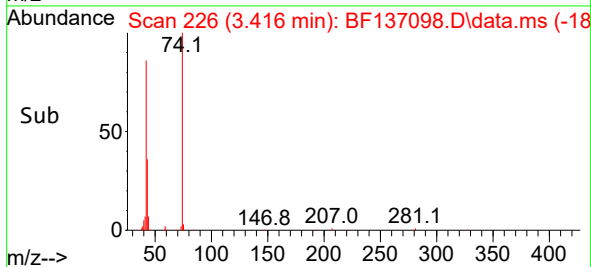
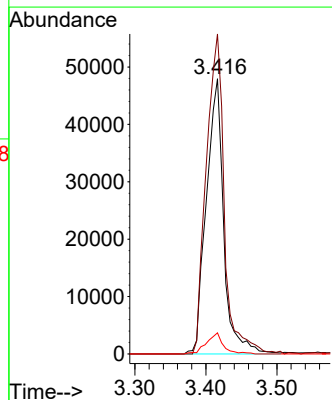
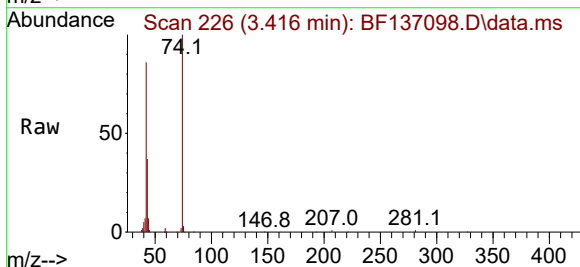
Tgt Ion: 42 Resp: 81766

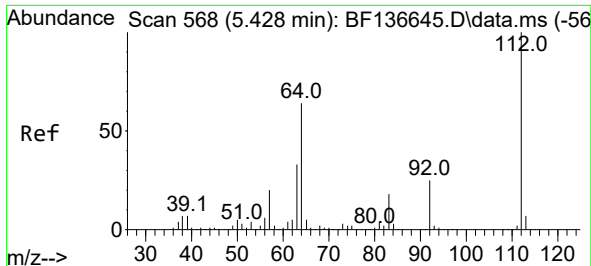
Ion Ratio Lower Upper

42 100

74 116.3 96.0 144.0

44 7.7 5.4 8.2

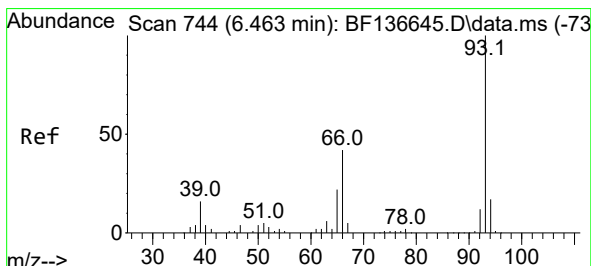
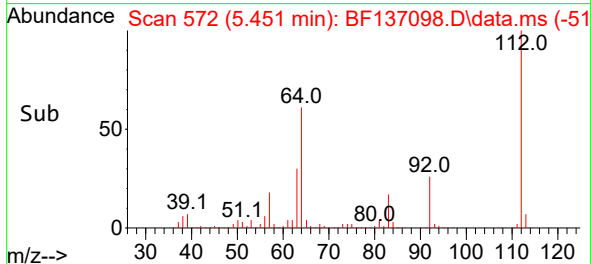
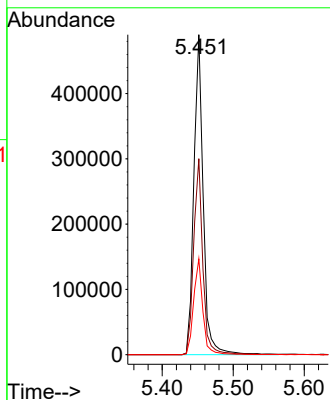
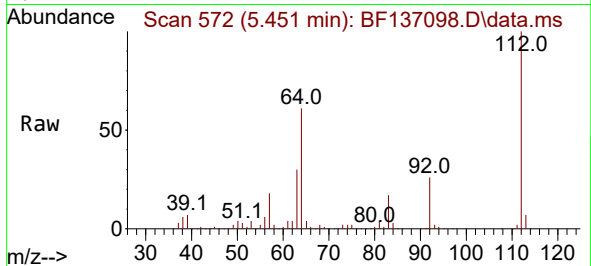




#5
2-Fluorophenol
Concen: 116.711 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

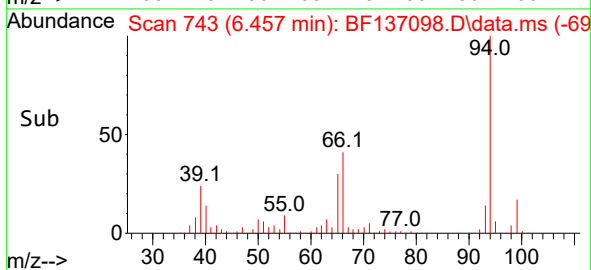
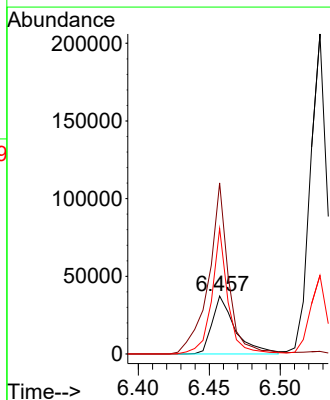
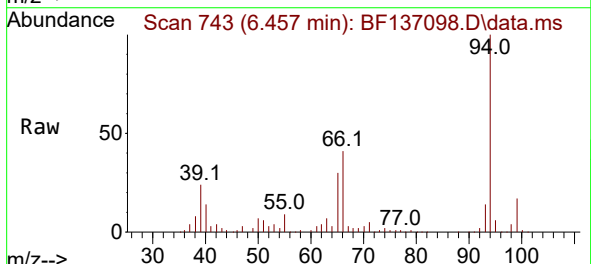
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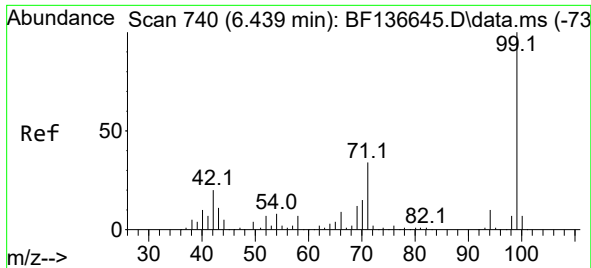
Tgt Ion:112 Resp: 450783
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 29.9 26.1 39.1



#6
Aniline
Concen: 8.444 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion: 93 Resp: 42253
Ion Ratio Lower Upper
93 100
66 294.8 34.6 51.8#
65 216.4 17.8 26.8#

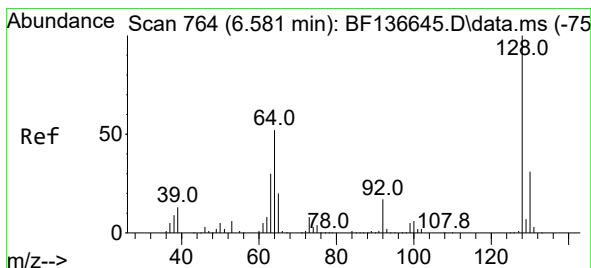
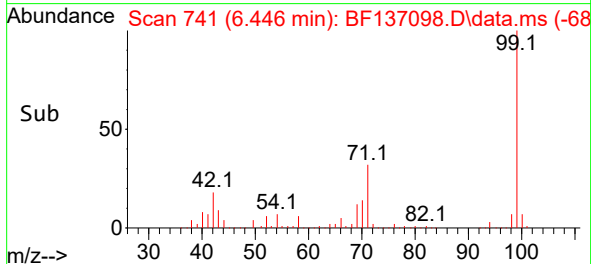
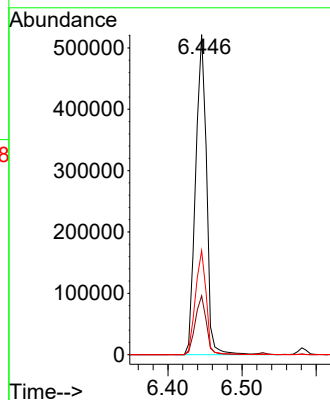
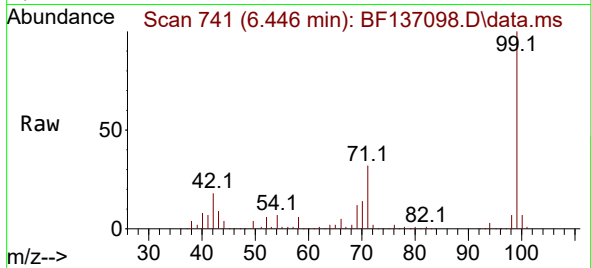




#7
Phenol-d6
Concen: 106.503 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

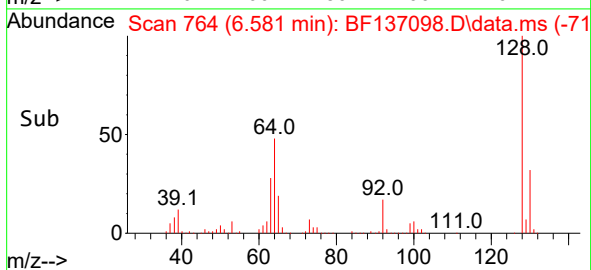
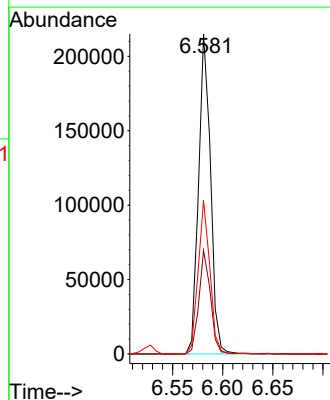
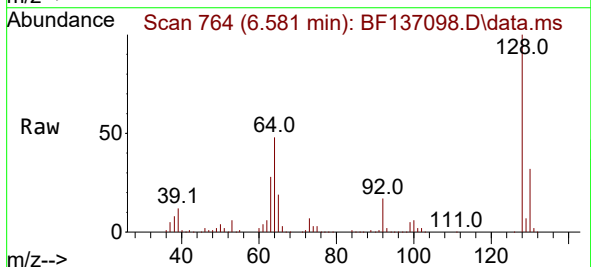
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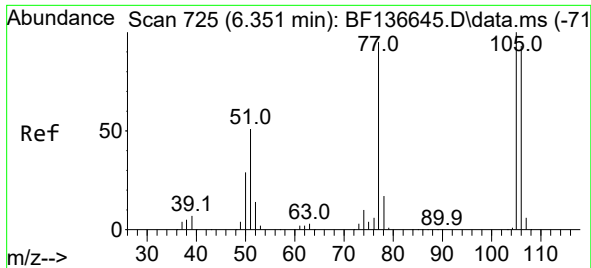
Tgt Ion: 99 Resp: 533017
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 32.5 27.4 41.2



#8
2-Chlorophenol
Concen: 42.272 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:128 Resp: 178673
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 47.9 32.5 72.5





#9

Benzaldehyde

Concen: 7.467 ng

RT: 6.346 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

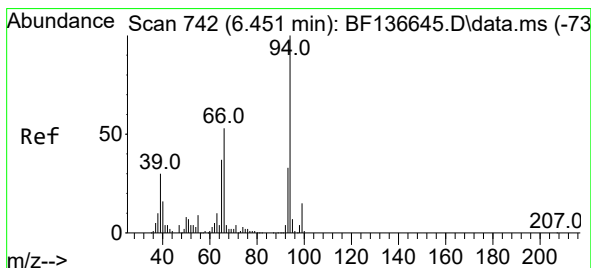
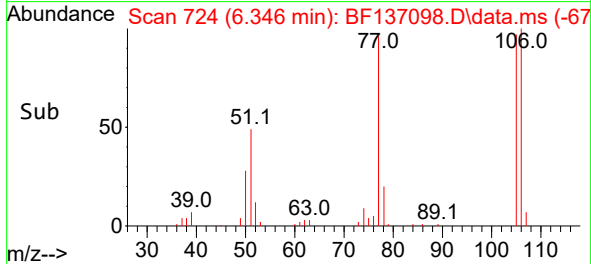
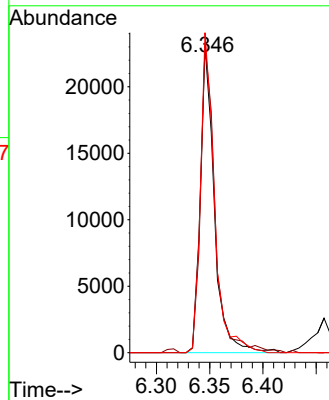
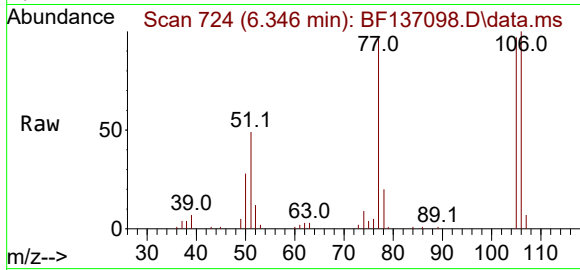
Tgt Ion: 77 Resp: 21255

Ion Ratio Lower Upper

77 100

105 100.8 84.8 124.8

106 104.4 77.8 117.8



#10

Phenol

Concen: 36.162 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

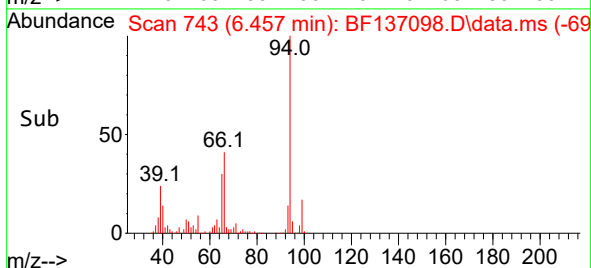
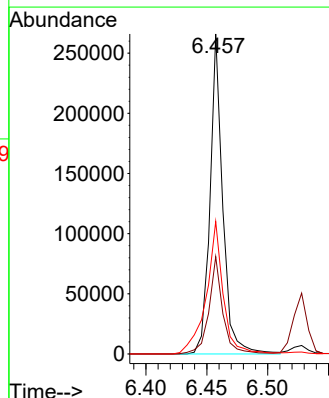
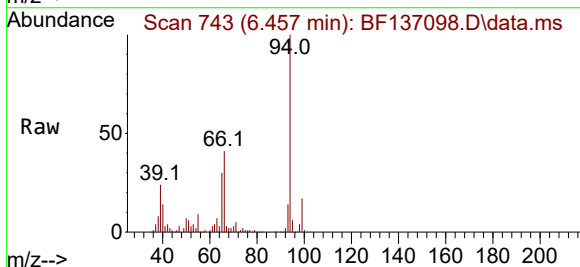
Tgt Ion: 94 Resp: 193197

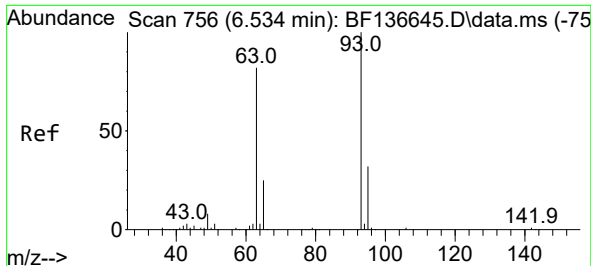
Ion Ratio Lower Upper

94 100

65 30.4 16.6 56.6

66 41.4 32.6 72.6

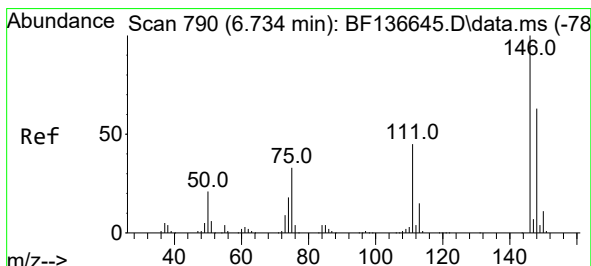
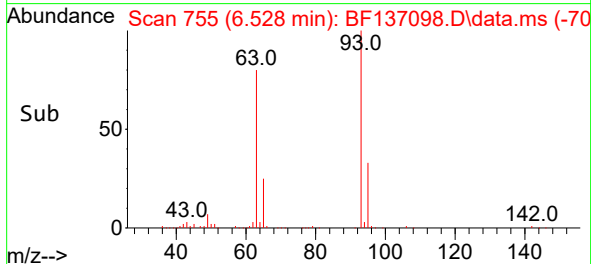
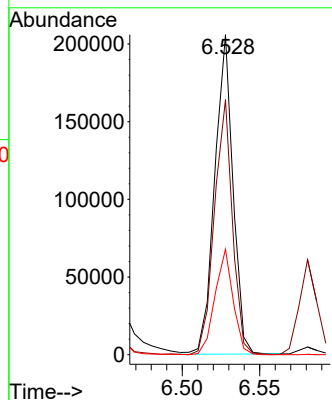
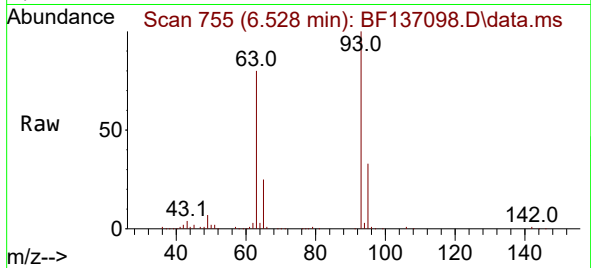




#11
bis(2-Chloroethyl)ether
Concen: 41.476 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

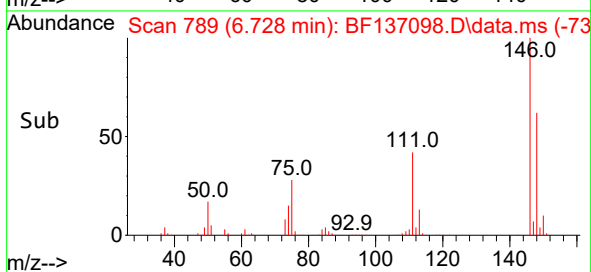
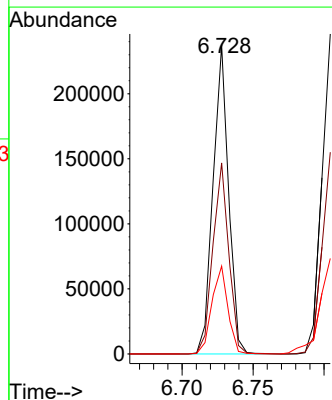
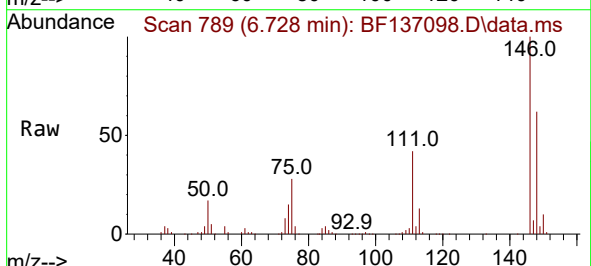
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

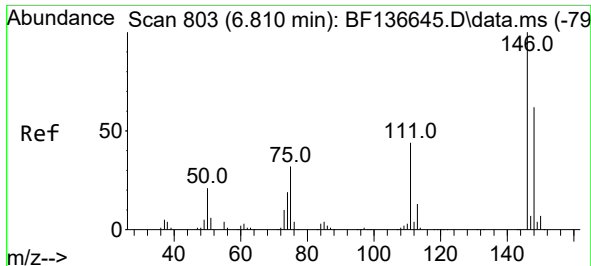
Tgt Ion: 93 Resp: 168513
Ion Ratio Lower Upper
93 100
63 79.7 61.2 101.2
95 32.9 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:146 Resp: 180955
Ion Ratio Lower Upper
146 100
148 61.8 50.5 75.7
75 28.4 26.2 39.4

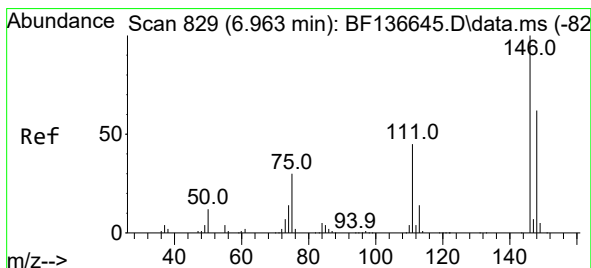
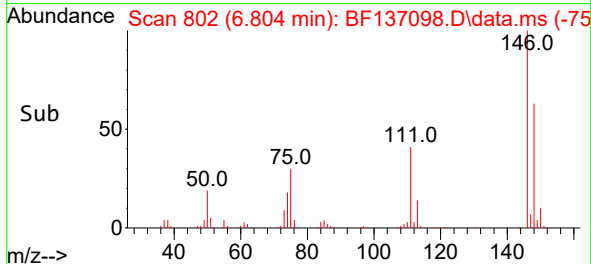
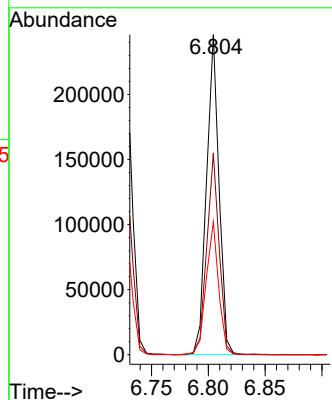
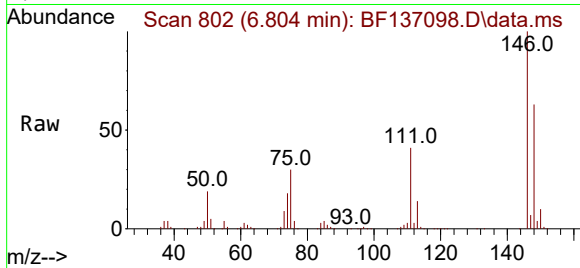




#13
1,4-Dichlorobenzene
Concen: 39.716 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

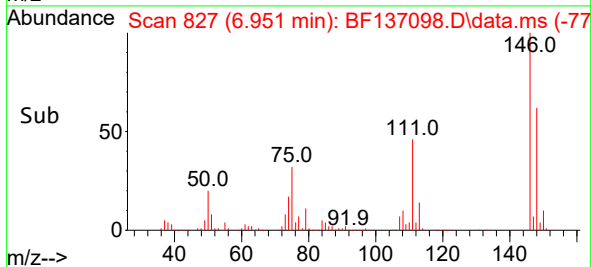
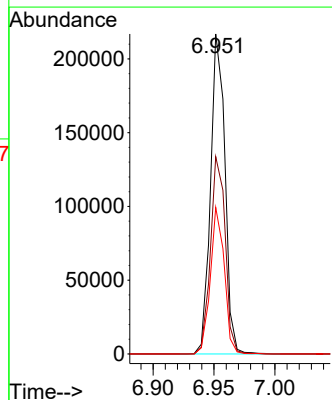
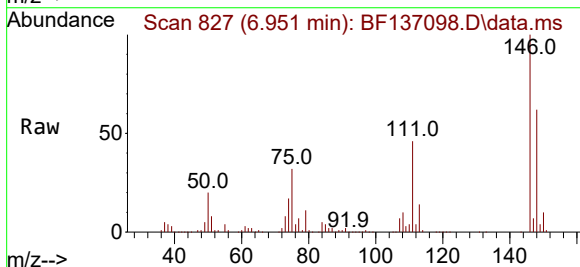
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

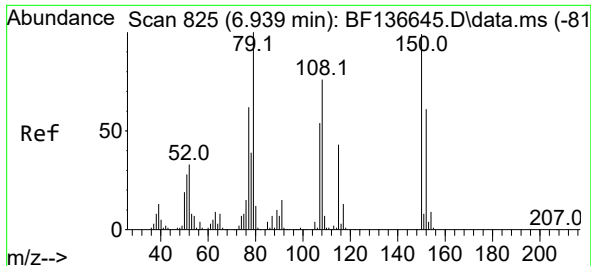
Tgt Ion:146 Resp: 187115
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
111 41.5 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 40.633 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:146 Resp: 178132
Ion Ratio Lower Upper
146 100
148 61.7 49.6 74.4
111 45.8 36.2 54.2

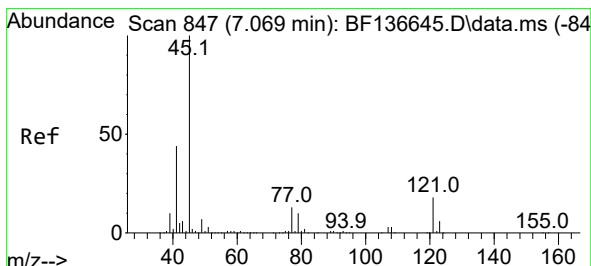
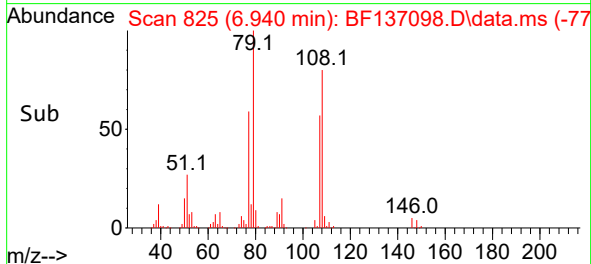
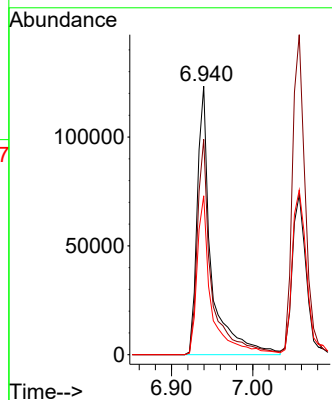
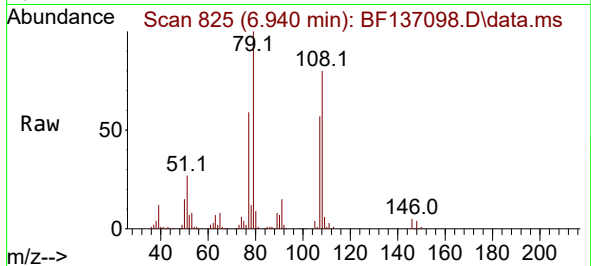




#15
Benzyl Alcohol
Concen: 44.155 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

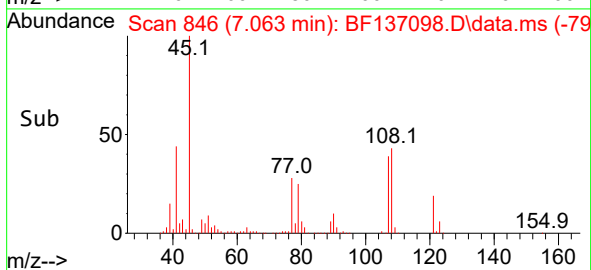
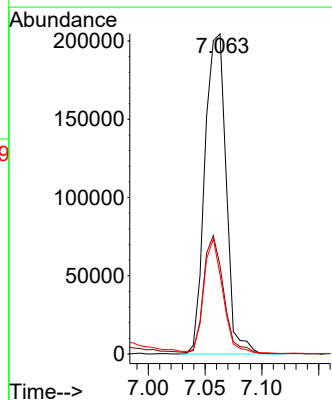
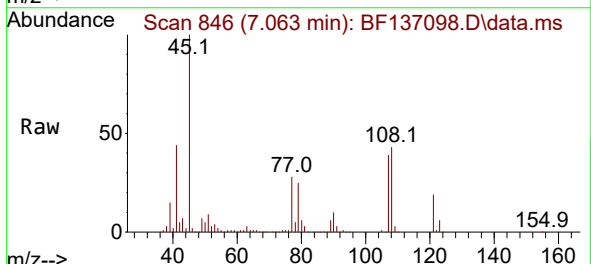
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

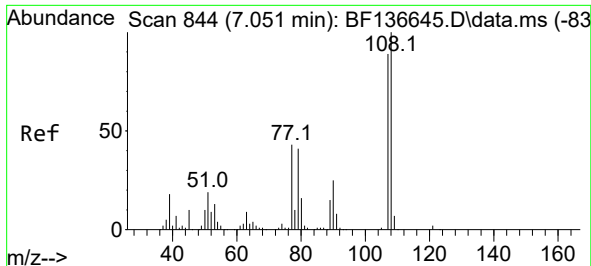
Tgt Ion: 79 Resp: 149085
Ion Ratio Lower Upper
79 100
108 80.2 61.0 91.6
77 59.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.002 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion: 45 Resp: 265718
Ion Ratio Lower Upper
45 100
77 27.5 0.0 34.3
79 24.8 0.0 31.4

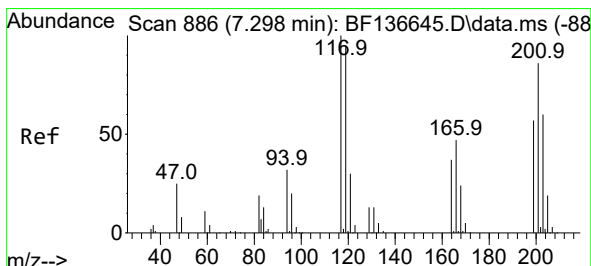
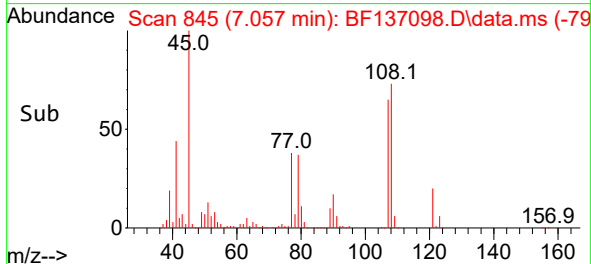
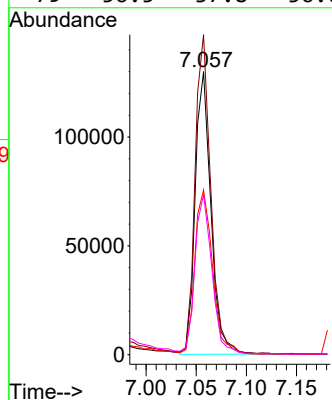
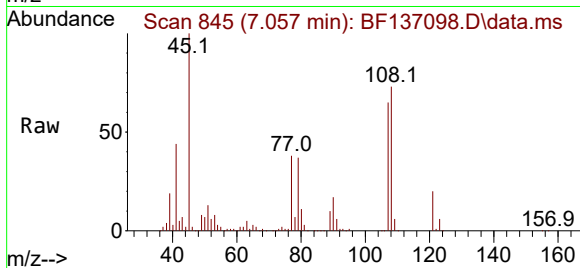




#17
2-Methylphenol
Concen: 40.498 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

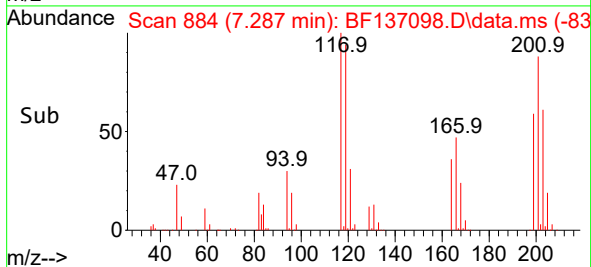
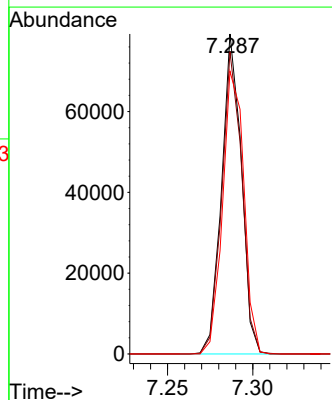
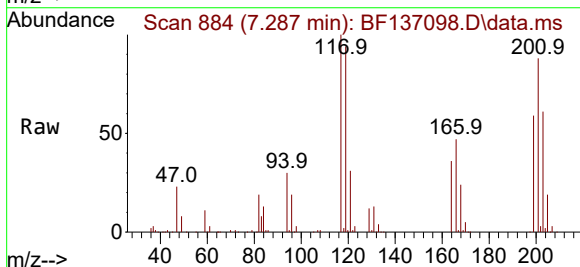
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

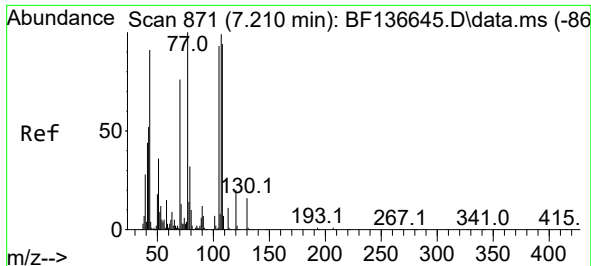
Tgt Ion:107 Resp: 141804
Ion Ratio Lower Upper
107 100
108 113.1 90.3 135.5
77 58.2 38.7 58.1#
79 56.5 37.8 56.6



#18
Hexachloroethane
Concen: 37.323 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:117 Resp: 63860
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
201 88.3 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.427 ng

RT: 7.204 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF137098.D

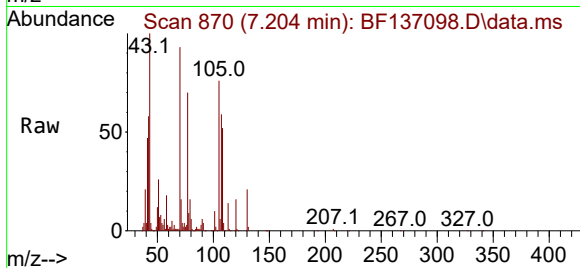
Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS



Tgt Ion: 70 Resp: 128717

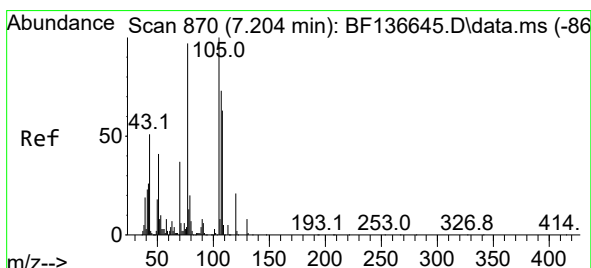
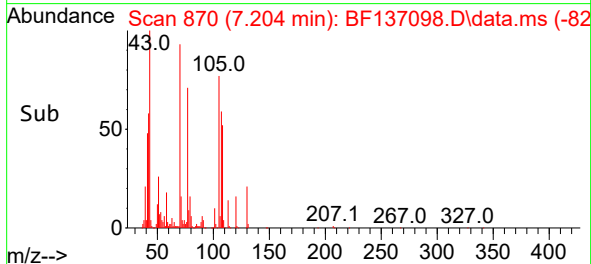
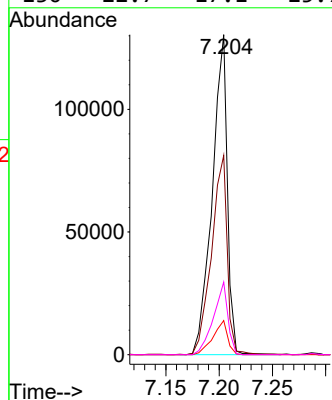
Ion Ratio Lower Upper

70 100

42 62.2 54.2 81.4

101 10.6 7.6 11.4

130 22.7 17.1 25.7



#20

3+4-Methylphenols

Concen: 41.802 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Tgt Ion: 107 Resp: 182863

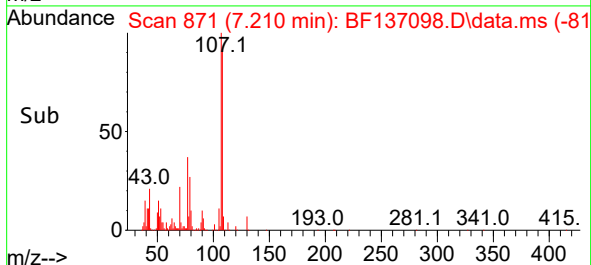
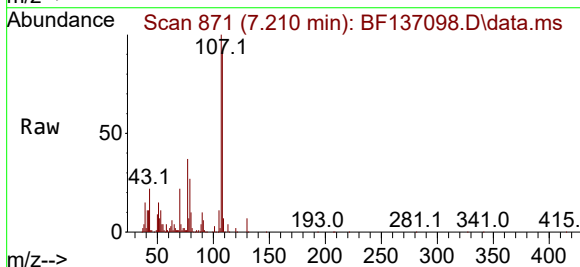
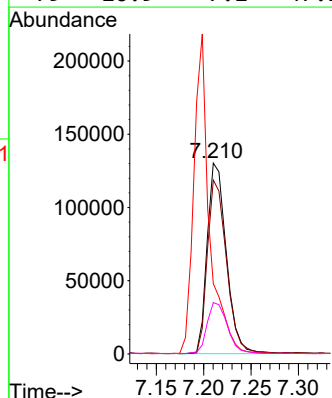
Ion Ratio Lower Upper

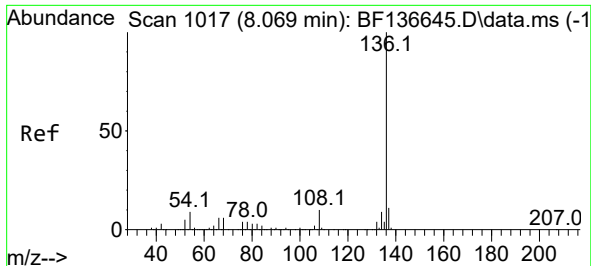
107 100

108 91.1 66.0 106.0

77 36.8 114.2 154.2#

79 26.9 7.2 47.2

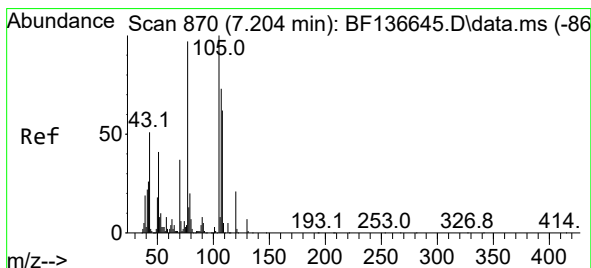
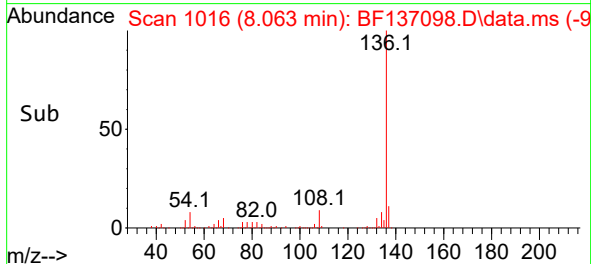
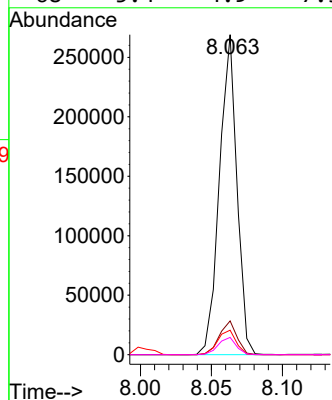
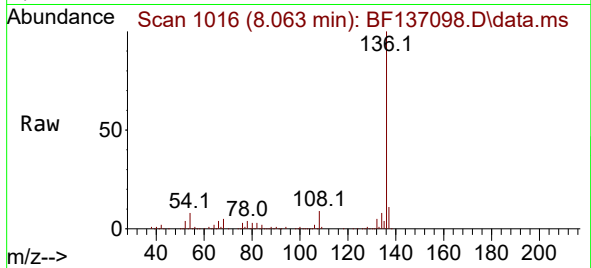




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

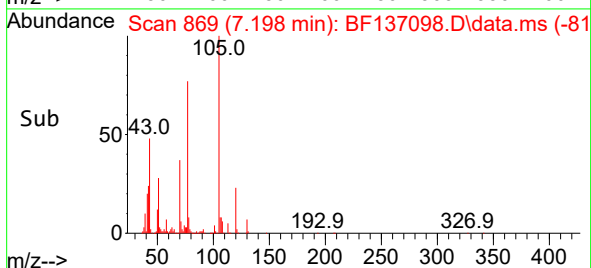
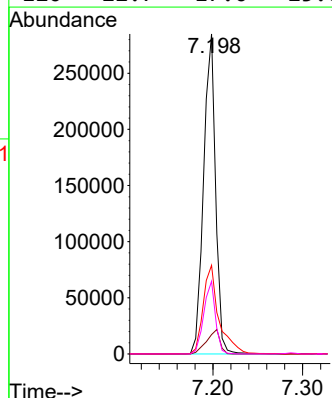
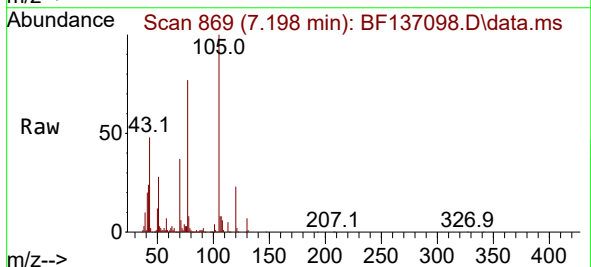
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

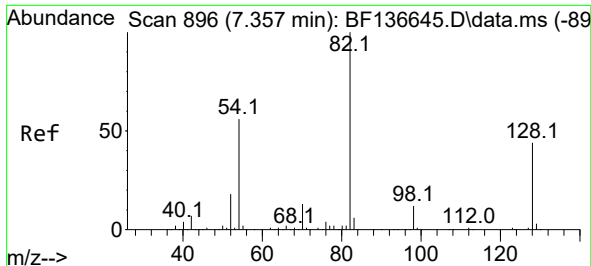
Tgt Ion	136	Resp: Lower	229383 Upper
136	100		
137	10.6	9.0	13.4
54	7.6	7.2	10.8
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 45.917 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt	Ion:105	Resp:	263998
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	27.7	32.8	49.2#
120	22.7	17.0	25.6

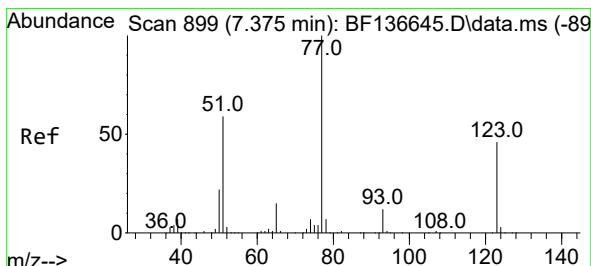
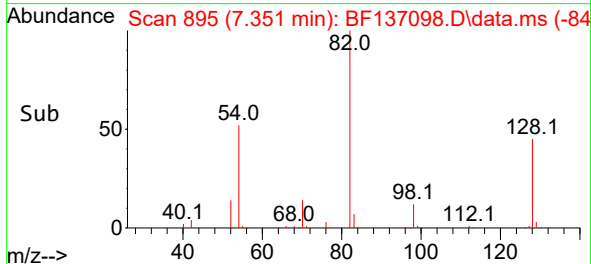
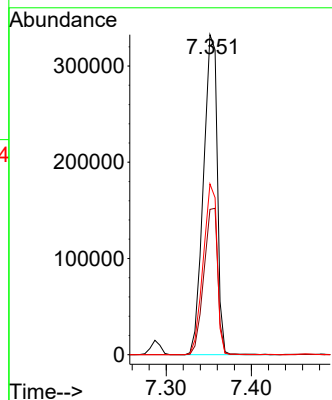
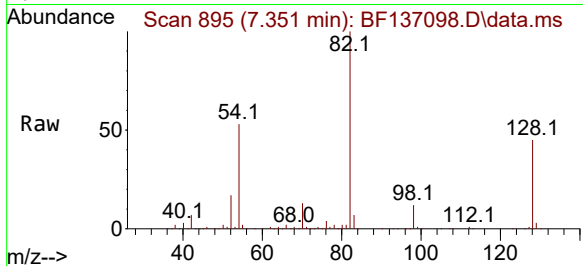




#23
 Nitrobenzene-d5
 Concen: 83.544 ng
 RT: 7.351 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

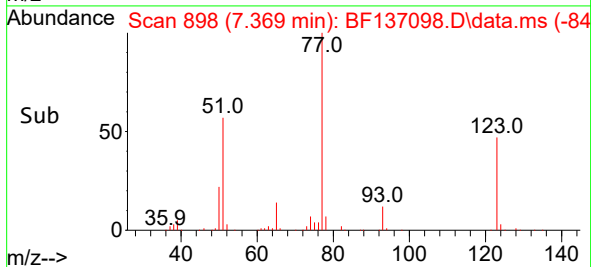
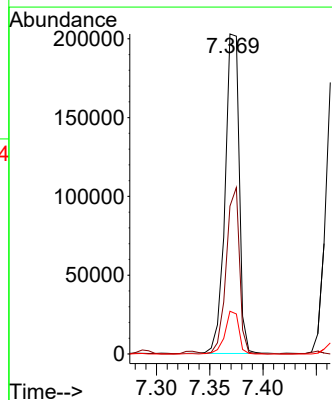
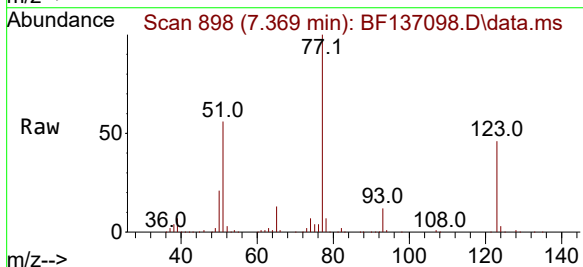
Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MS

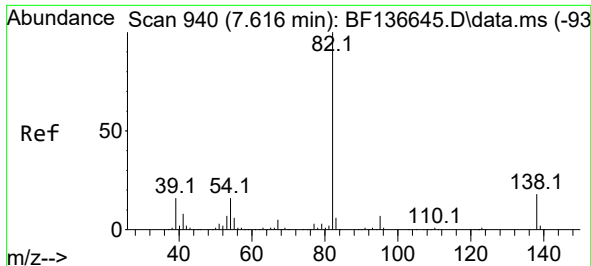
Tgt Ion: 82 Resp: 374498
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.3 52.9
 54 53.3 44.5 66.7



#24
 Nitrobenzene
 Concen: 41.468 ng
 RT: 7.369 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

Tgt Ion: 77 Resp: 186212
 Ion Ratio Lower Upper
 77 100
 123 46.2 36.7 55.1
 65 13.4 11.8 17.6

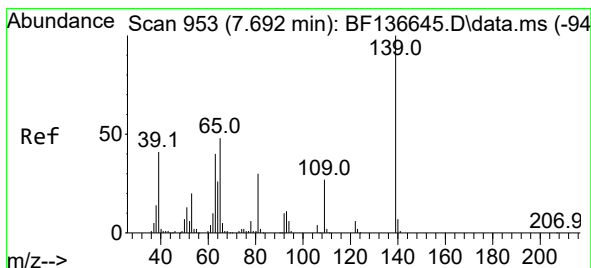
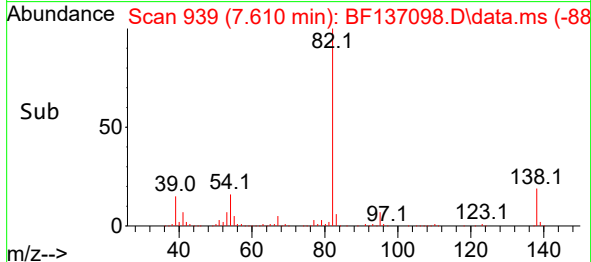
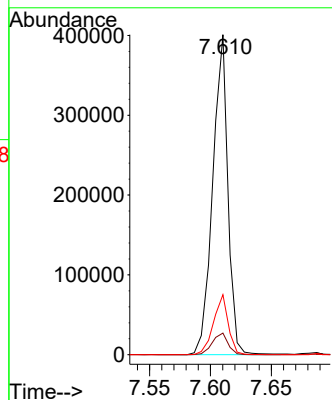
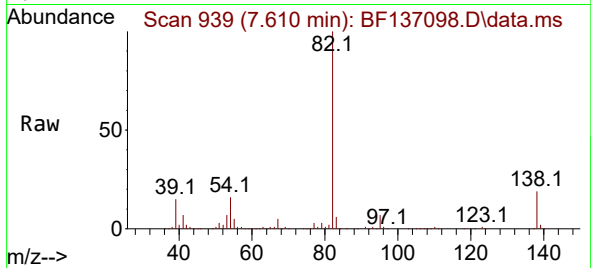




#25
Isophorone
Concen: 42.487 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

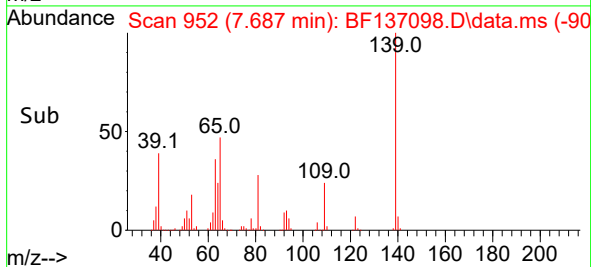
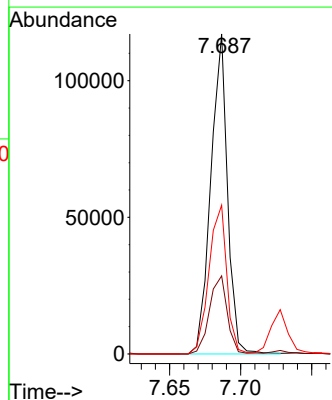
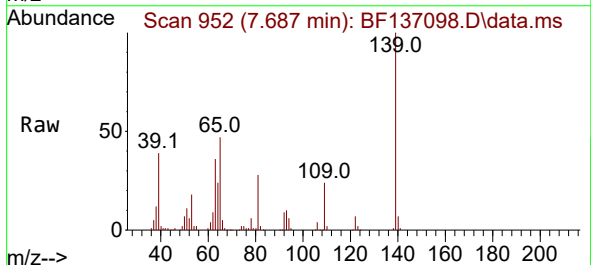
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

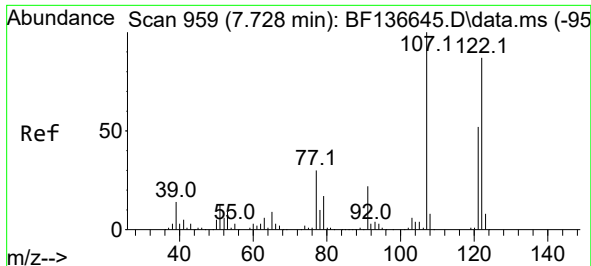
Tgt Ion: 82 Resp: 346556
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.8 14.5 21.7



#26
2-Nitrophenol
Concen: 44.427 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion: 139 Resp: 95449
Ion Ratio Lower Upper
139 100
109 24.4 21.9 32.9
65 46.5 38.6 58.0

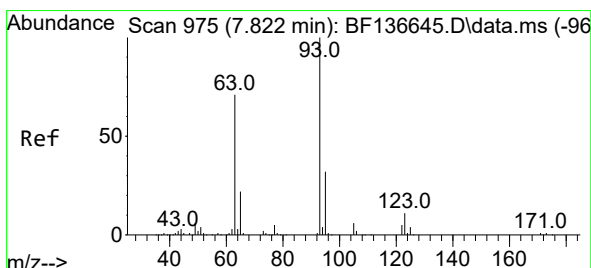
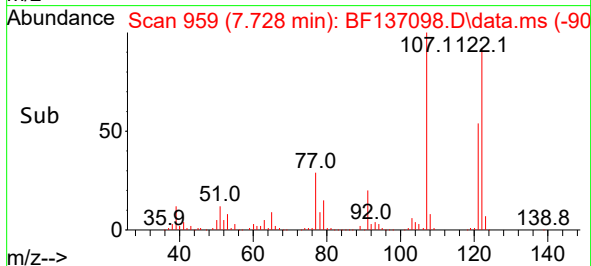
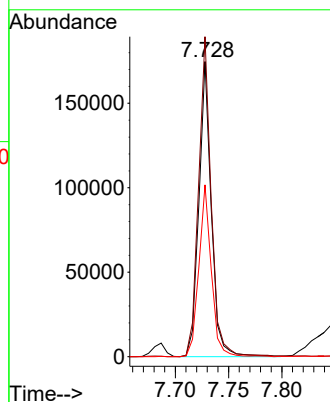
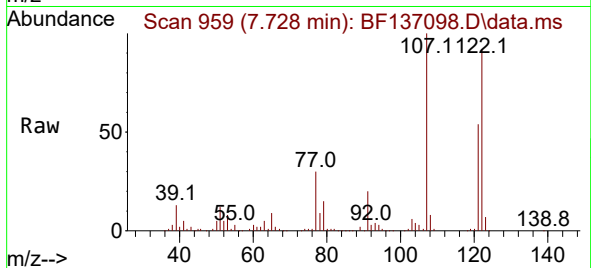




#27
2,4-Dimethylphenol
Concen: 54.360 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

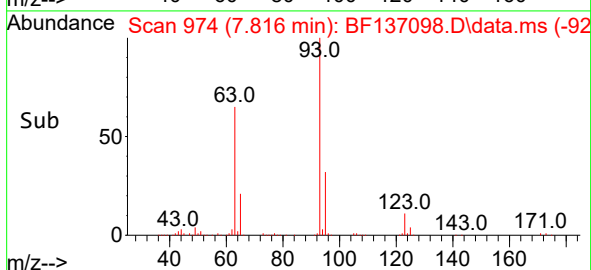
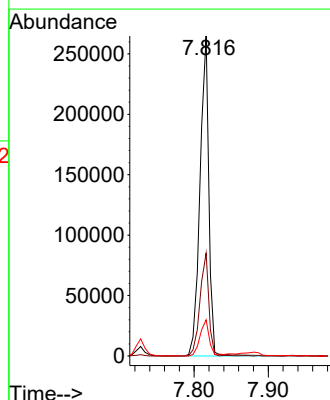
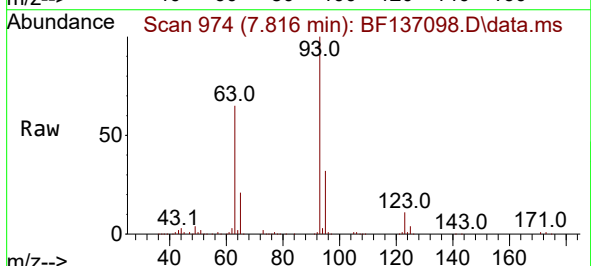
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

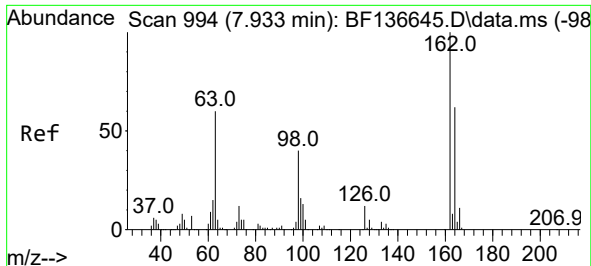
Tgt Ion:122 Resp: 142183
Ion Ratio Lower Upper
122 100
107 108.4 92.0 138.0
121 58.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.104 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion: 93 Resp: 218669
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.753 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137098.D

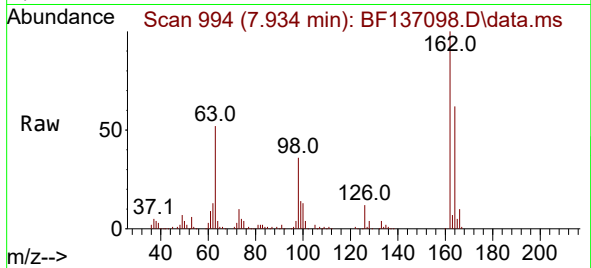
Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS



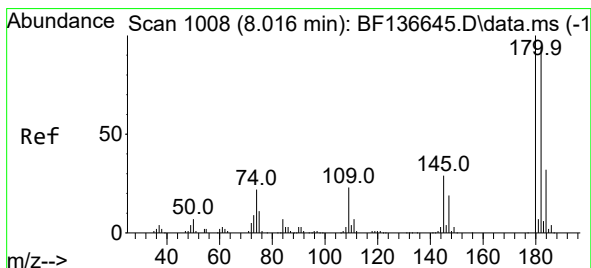
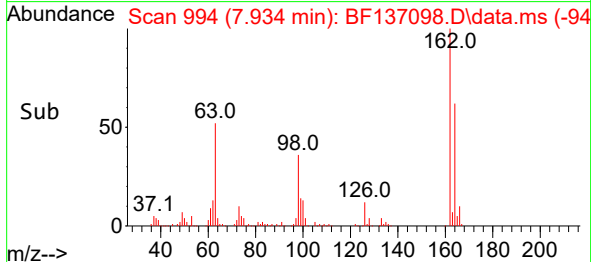
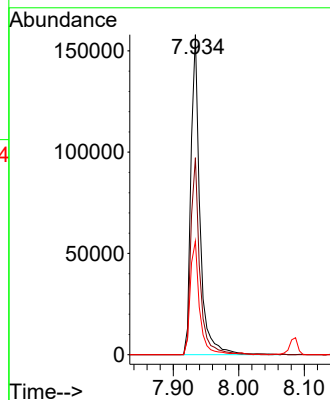
Tgt Ion:162 Resp: 150699

Ion Ratio Lower Upper

162 100

164 61.5 41.7 81.7

98 35.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 42.261 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

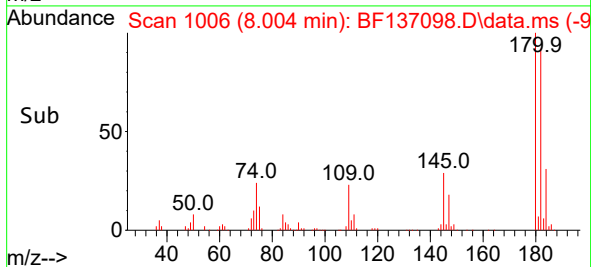
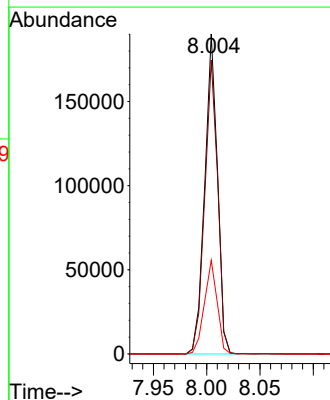
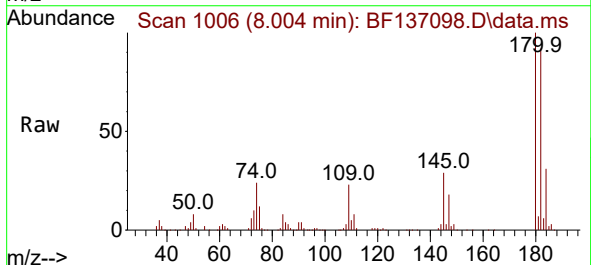
Tgt Ion:180 Resp: 158559

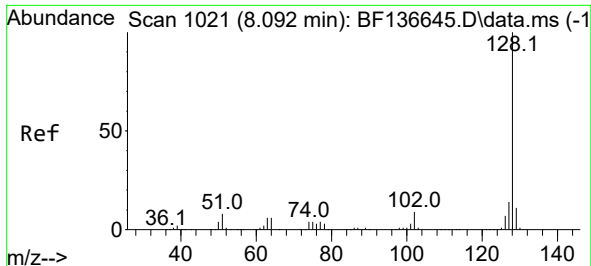
Ion Ratio Lower Upper

180 100

182 91.8 75.4 113.0

145 29.3 23.1 34.7

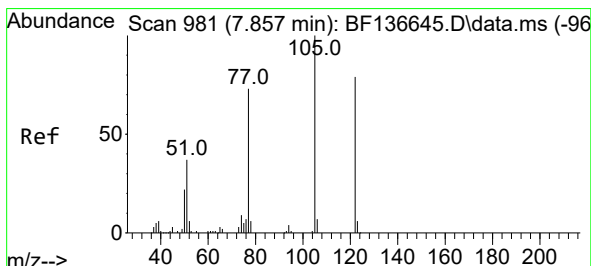
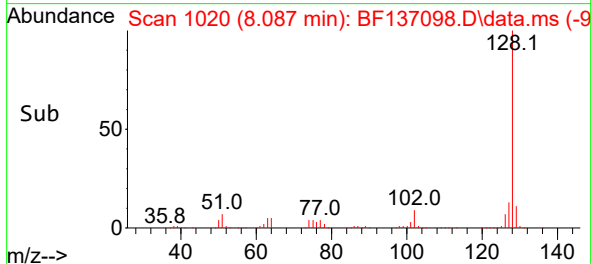
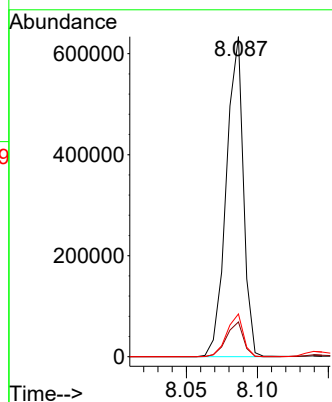
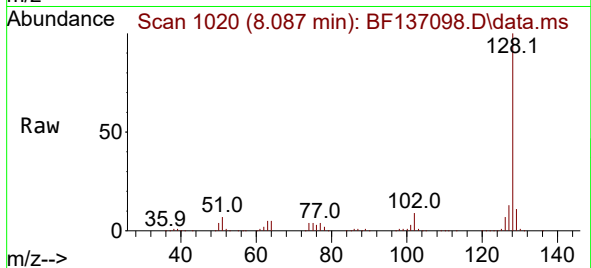




#31
Naphthalene
Concen: 41.946 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

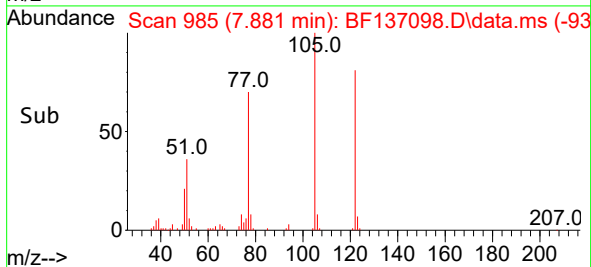
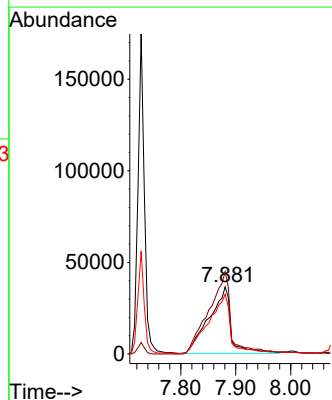
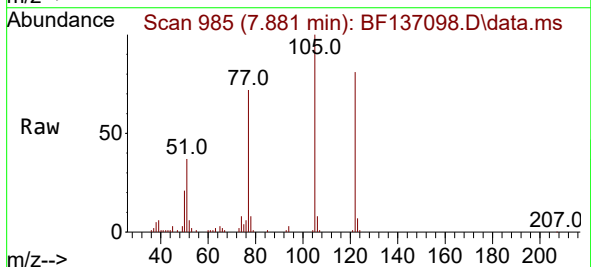
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

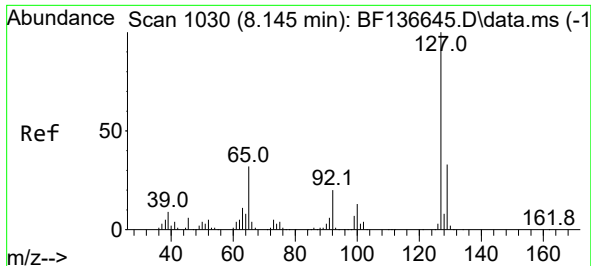
Tgt Ion:128 Resp: 528595
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 40.155 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:122 Resp: 101623
Ion Ratio Lower Upper
122 100
105 122.7 100.8 140.8
77 88.9 70.9 110.9

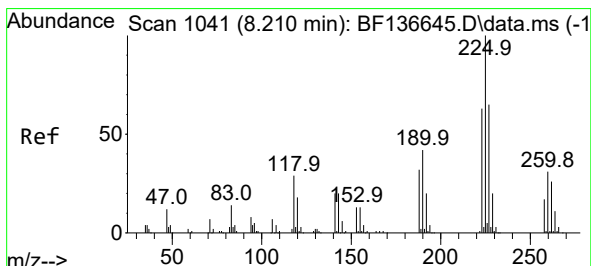
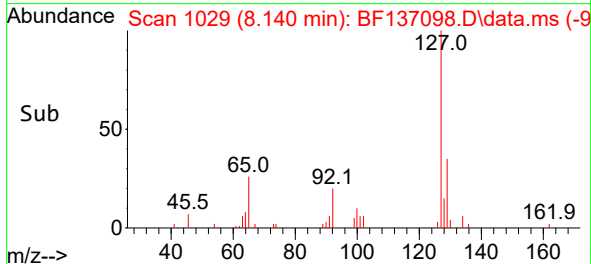
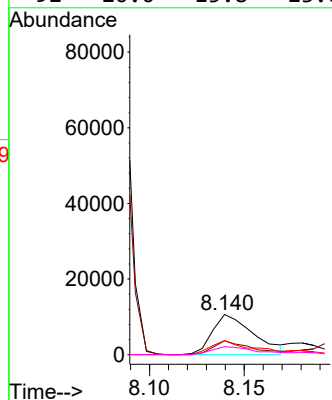
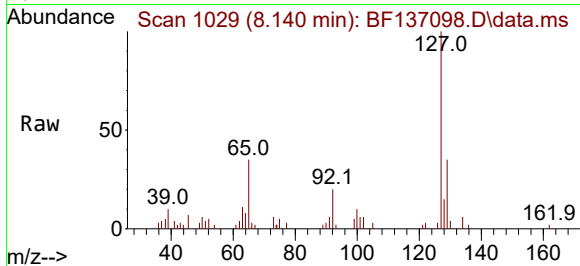




#33
4-Chloroaniline
Concen: 3.447 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

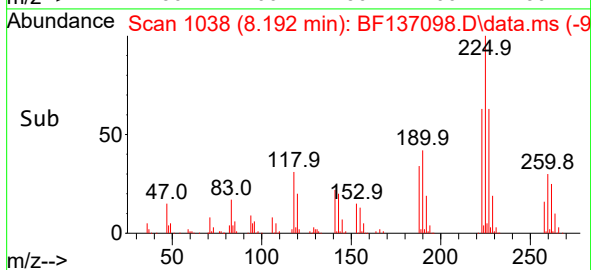
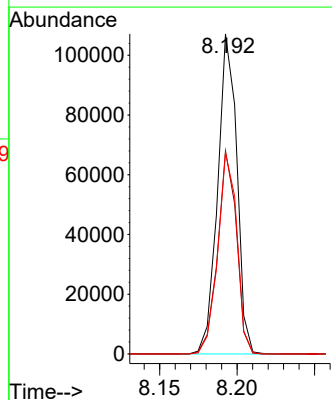
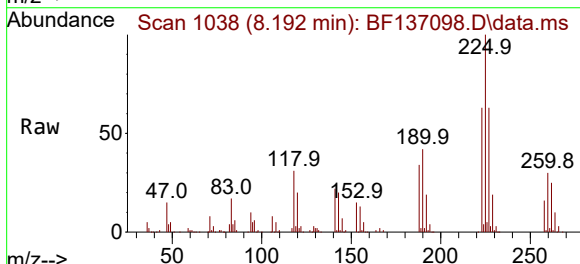
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

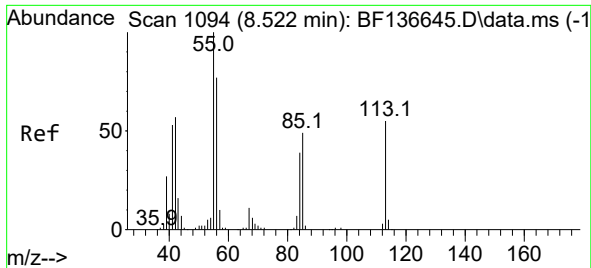
Tgt Ion:127	Resp:	16036
Ion Ratio	Lower	Upper
127	100	
129	34.8	26.3 39.5
65	35.2	25.8 38.8
92	20.0	15.8 23.6



#34
Hexachlorobutadiene
Concen: 40.399 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:225	Resp:	92090
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.6 76.0
227	62.9	51.9 77.9

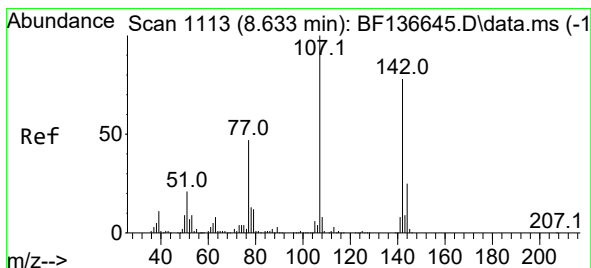
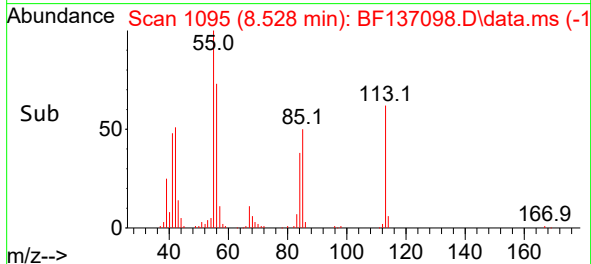
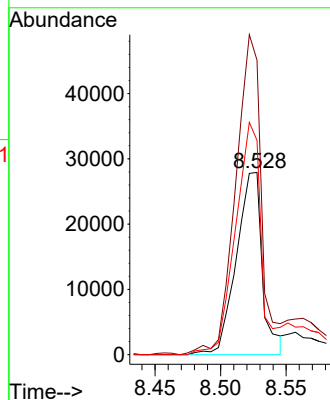
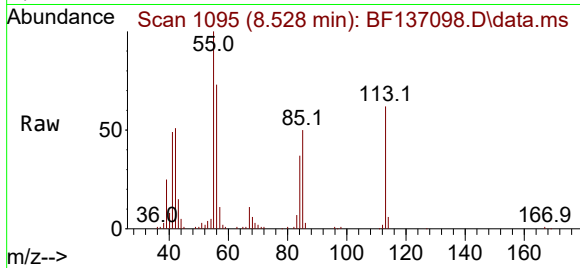




#35
Caprolactam
Concen: 34.617 ng
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

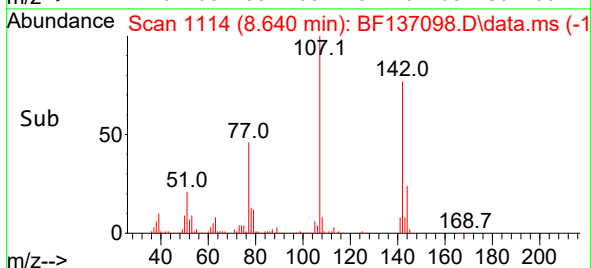
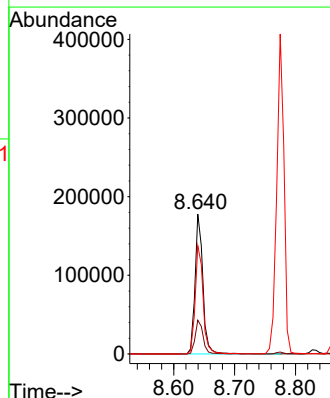
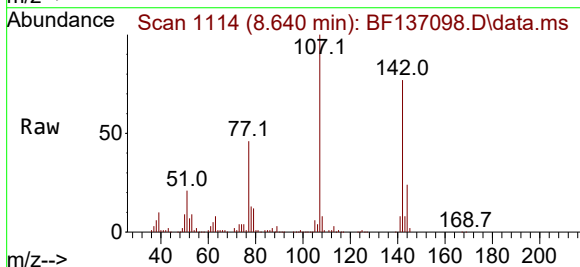
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

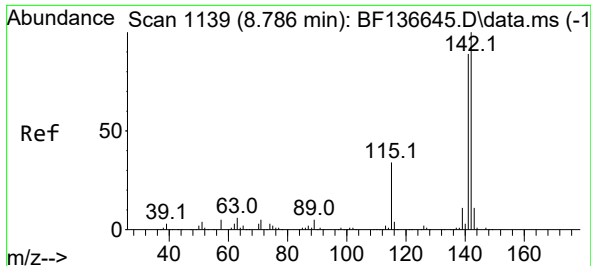
Tgt Ion:113 Resp: 38455
Ion Ratio Lower Upper
113 100
55 161.7 163.1 203.1#
56 117.7 121.7 161.7#



#36
4-Chloro-3-methylphenol
Concen: 42.125 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:107 Resp: 159691
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 77.4 62.3 93.5

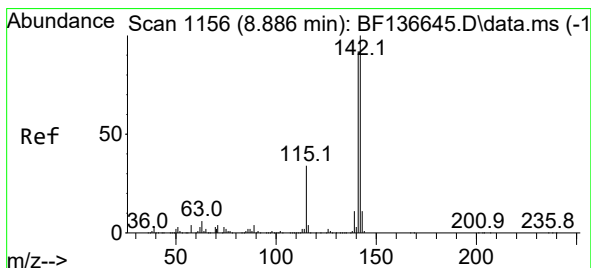
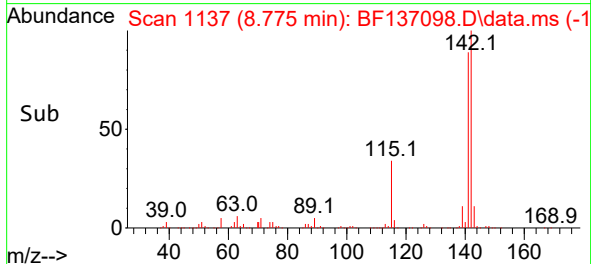
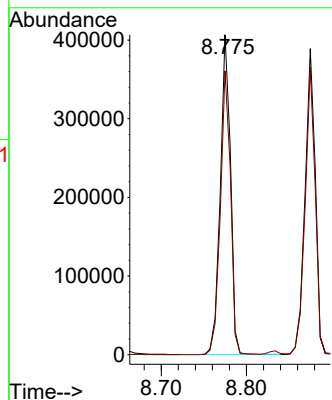
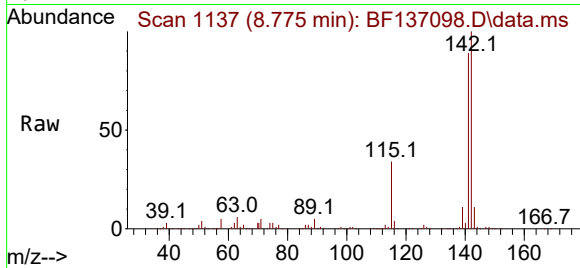




#37
2-Methylnaphthalene
Concen: 41.739 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

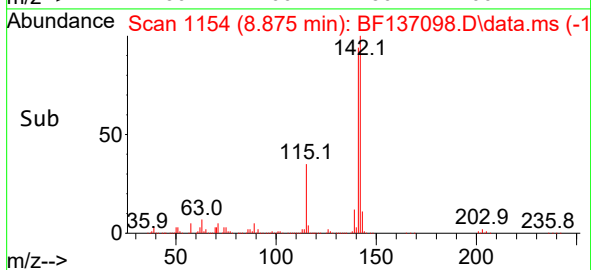
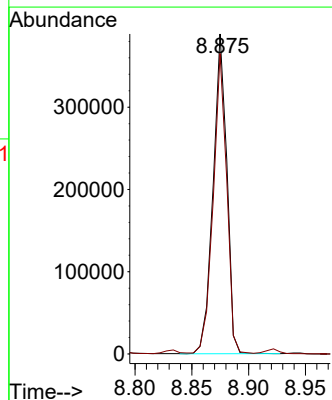
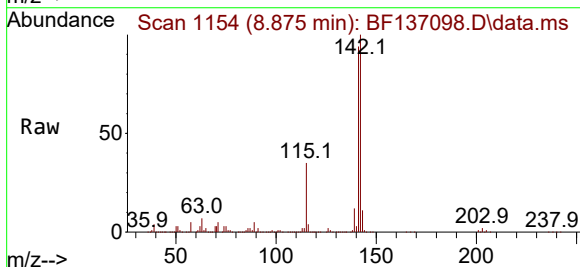
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

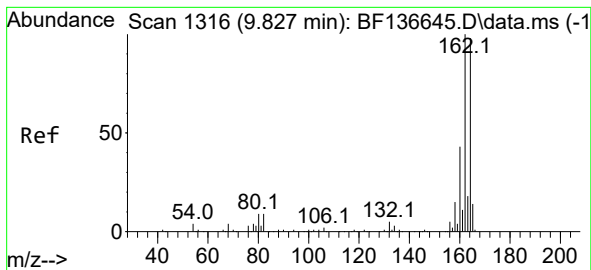
Tgt Ion:142 Resp: 338506
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.979 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:142 Resp: 326057
Ion Ratio Lower Upper
142 100
141 93.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

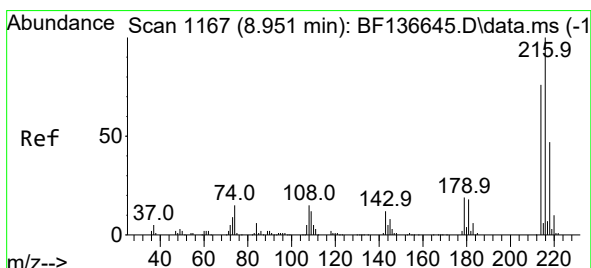
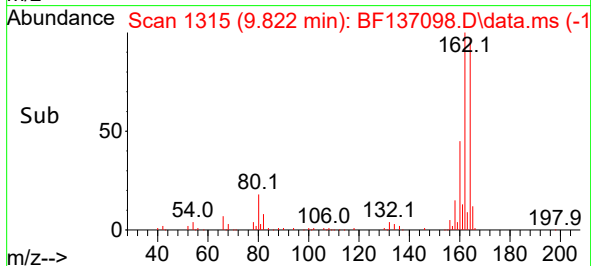
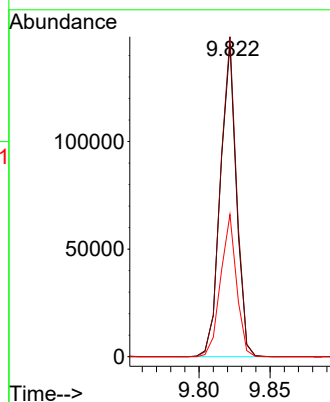
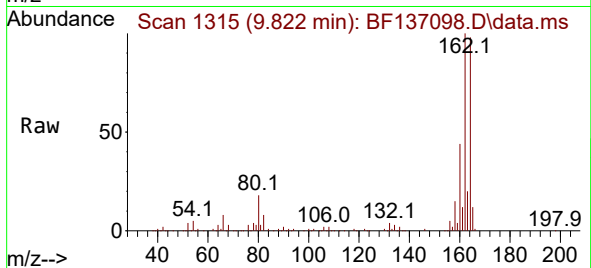
Tgt Ion:164 Resp: 114136

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 45.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.774 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Tgt Ion:216 Resp: 165335

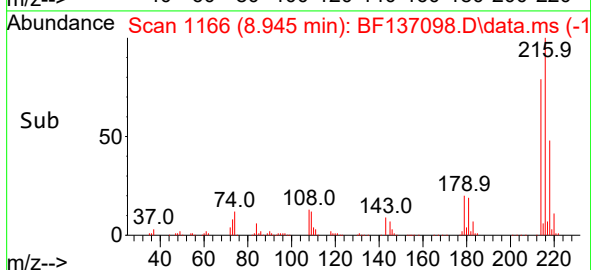
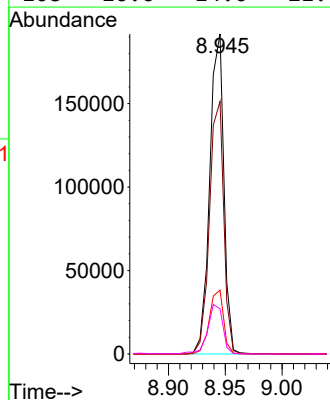
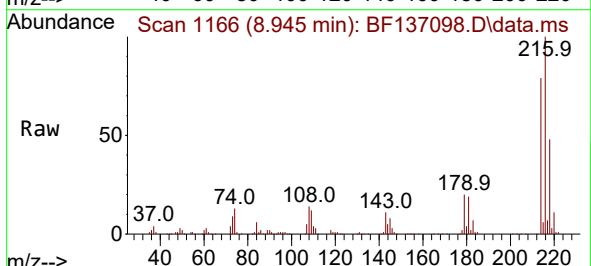
Ion Ratio Lower Upper

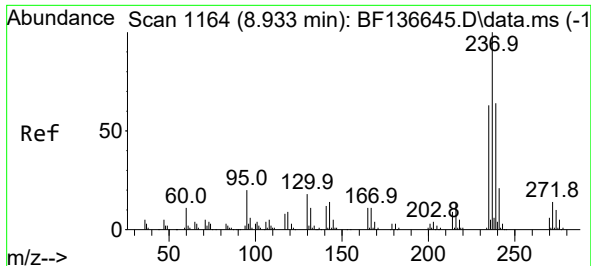
216 100

214 79.9 62.3 93.5

179 20.1 16.4 24.6

108 16.6 14.0 21.0

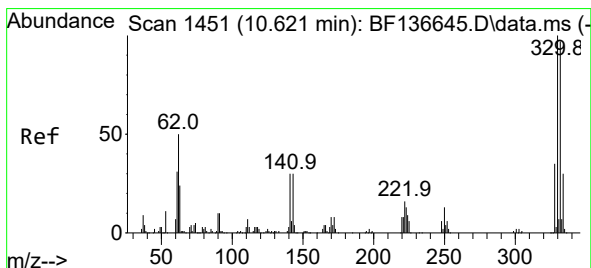
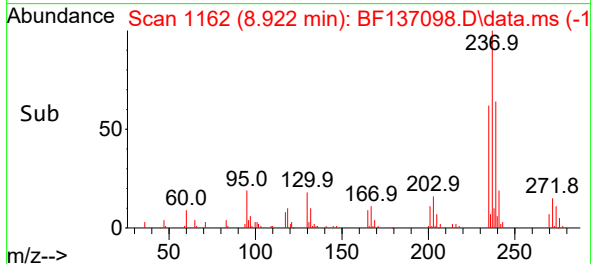
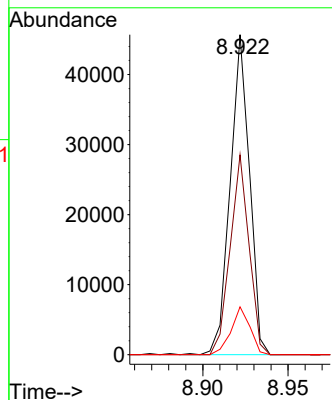
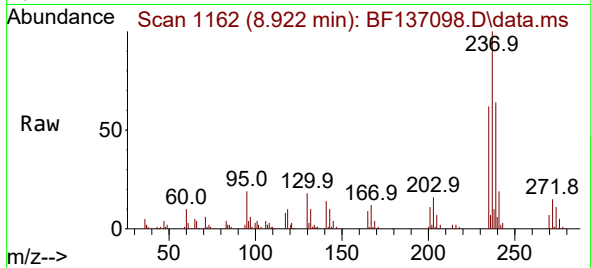




#41
Hexachlorocyclopentadiene
Concen: 34.921 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

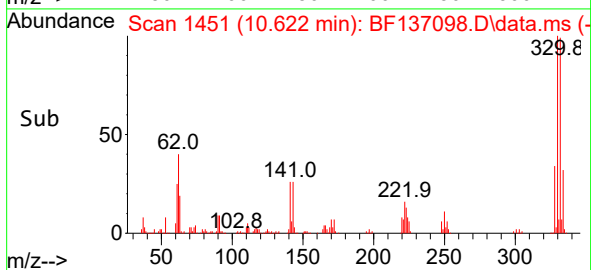
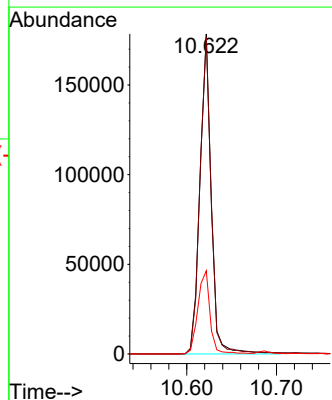
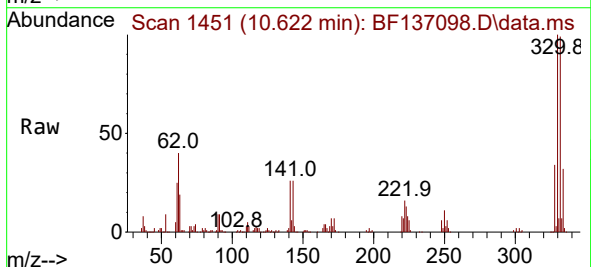
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

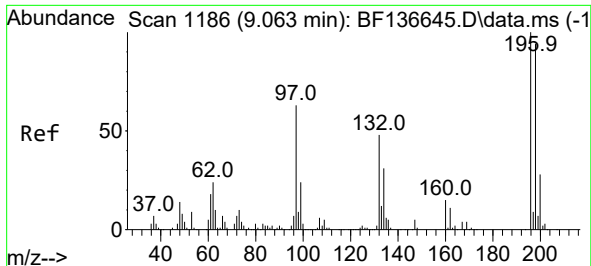
Tgt Ion:237 Resp: 36044
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 15.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 115.688 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:330 Resp: 155509
Ion Ratio Lower Upper
330 100
332 100.0 77.4 116.0
141 28.1 23.4 35.2

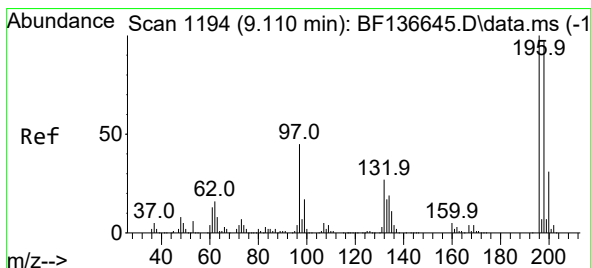
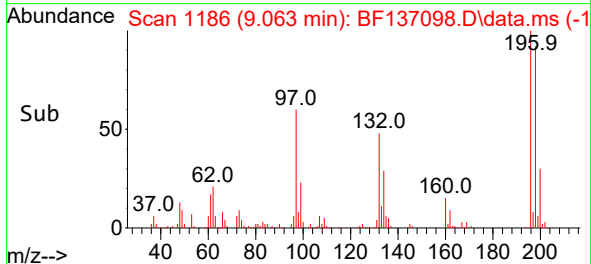
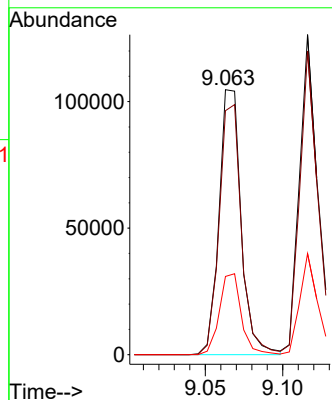
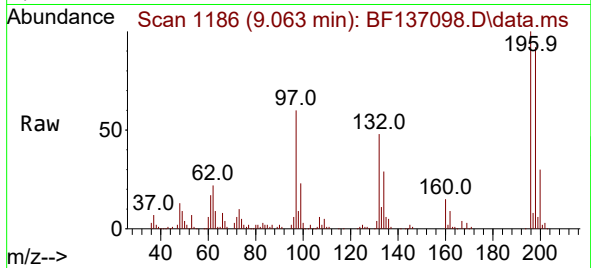




#43
2,4,6-Trichlorophenol
Concen: 45.998 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

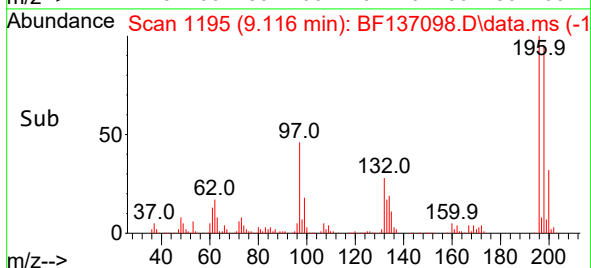
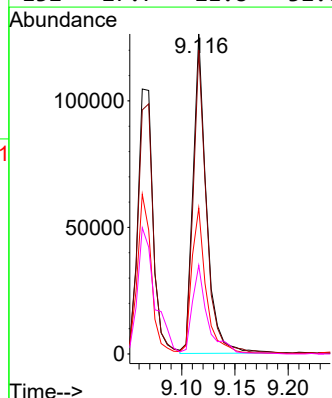
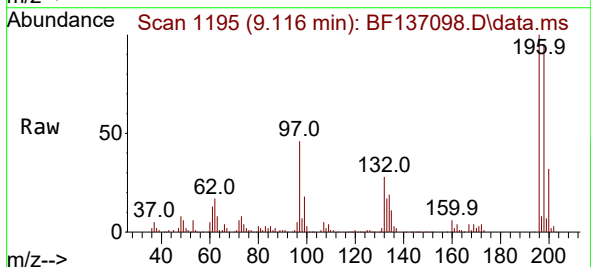
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

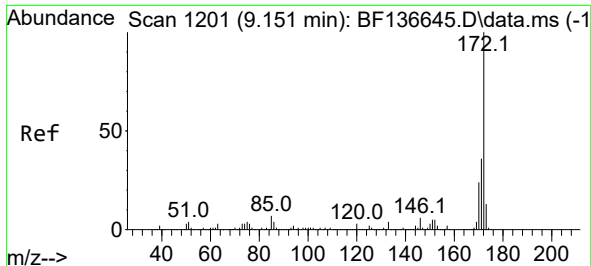
Tgt Ion:196 Resp: 104273
Ion Ratio Lower Upper
196 100
198 92.1 75.1 112.7
200 29.5 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 43.720 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:196 Resp: 110442
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.6
97 45.6 36.1 54.1
132 27.7 21.8 32.6

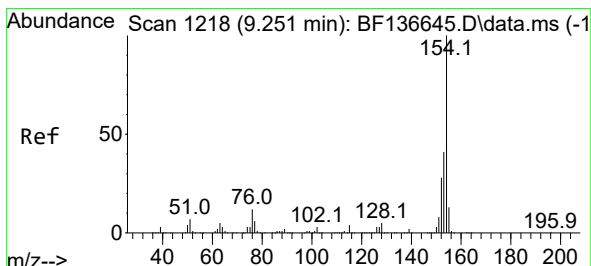
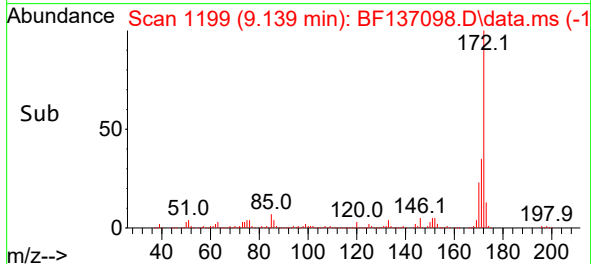
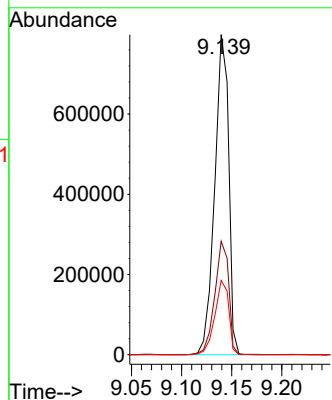
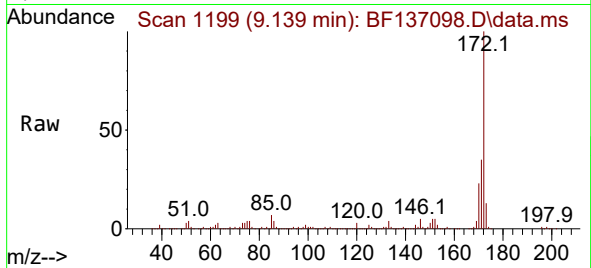




#45
2-Fluorobiphenyl
Concen: 91.041 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

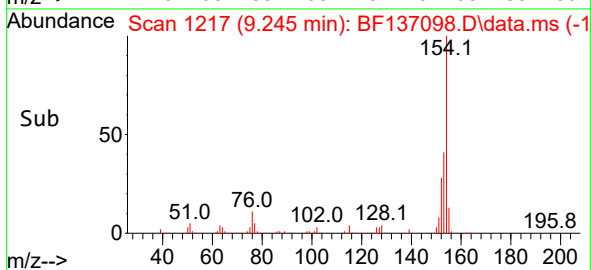
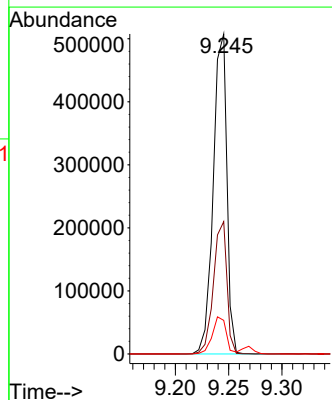
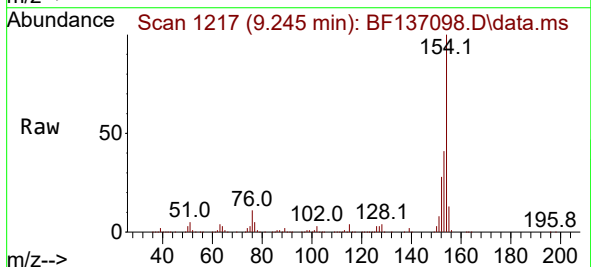
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

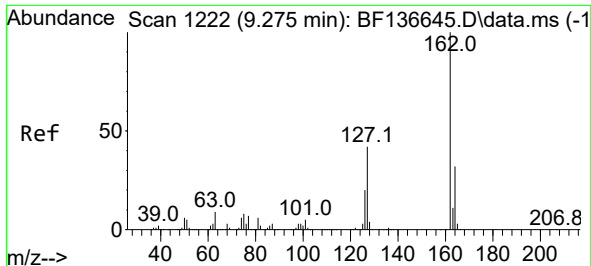
Tgt Ion:172 Resp: 772579
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 47.079 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:154 Resp: 450914
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 10.5 0.0 31.7

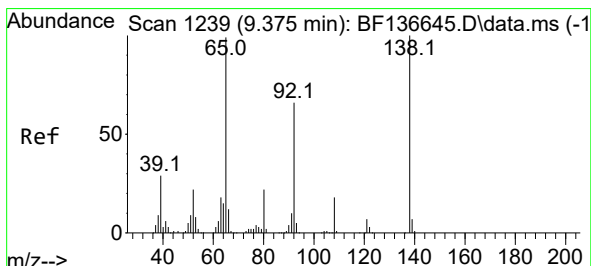
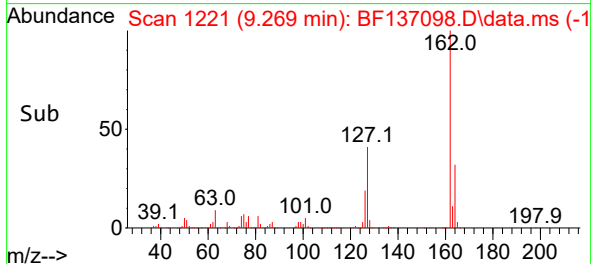
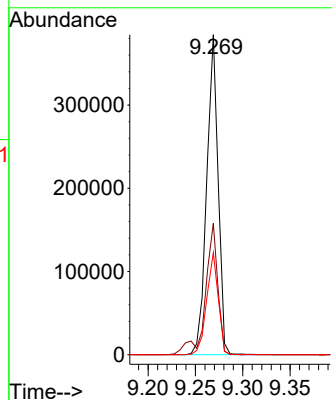
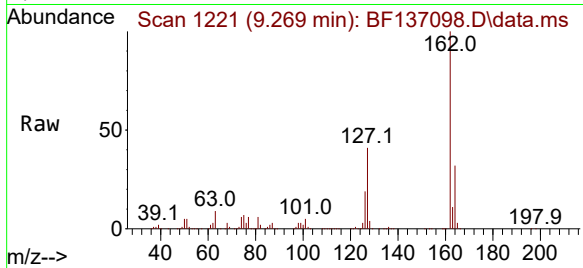




#47
2-Chloronaphthalene
Concen: 44.049 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

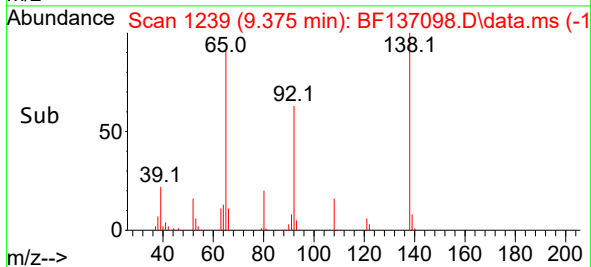
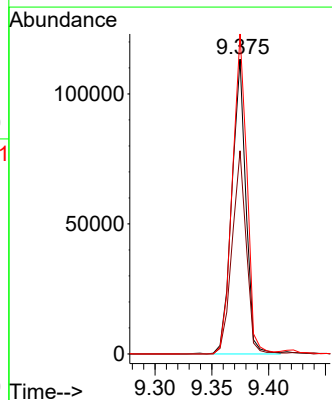
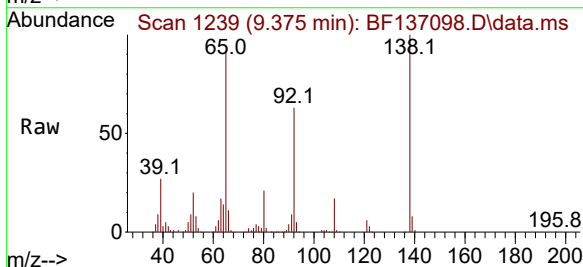
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

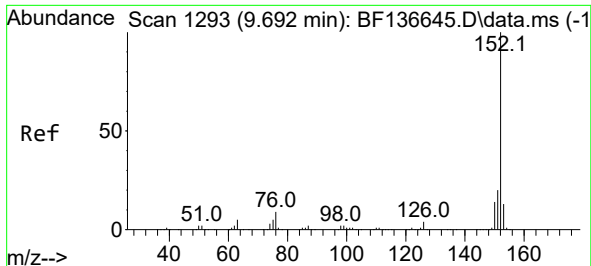
Tgt Ion:162 Resp: 320730
Ion Ratio Lower Upper
162 100
127 41.1 33.6 50.4
164 31.9 25.7 38.5



#48
2-Nitroaniline
Concen: 42.749 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion: 65 Resp: 97472
Ion Ratio Lower Upper
65 100
92 68.9 53.2 79.8
138 108.5 81.1 121.7





#49

Acenaphthylene

Concen: 47.386 ng

RT: 9.687 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137098.D

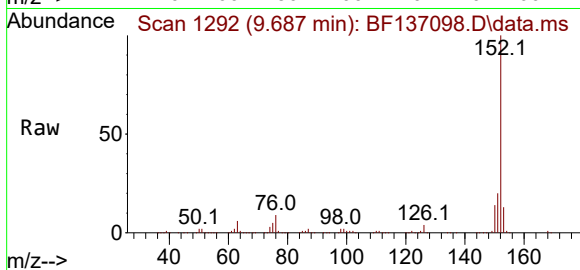
Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS



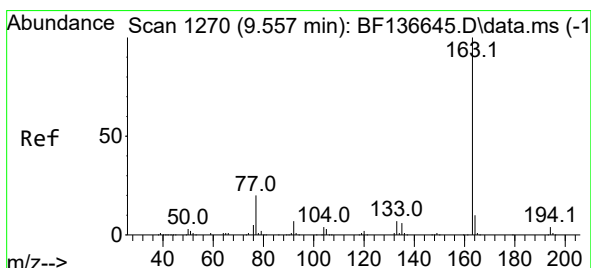
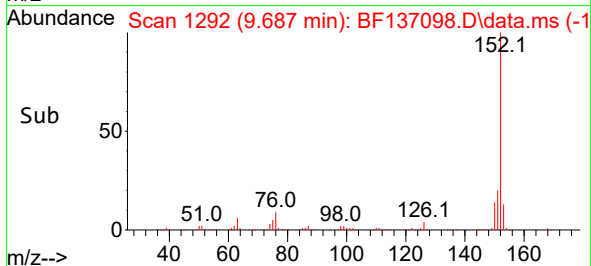
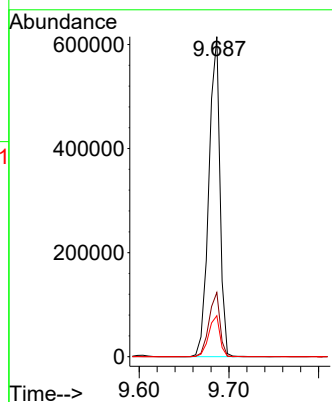
Tgt Ion:152 Resp: 527370

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 46.127 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

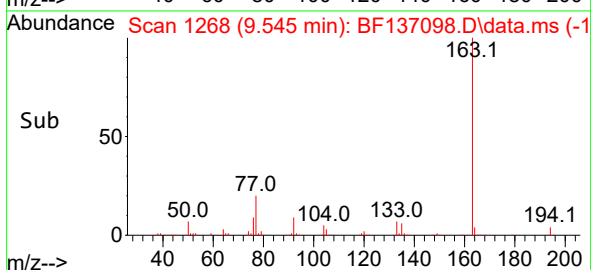
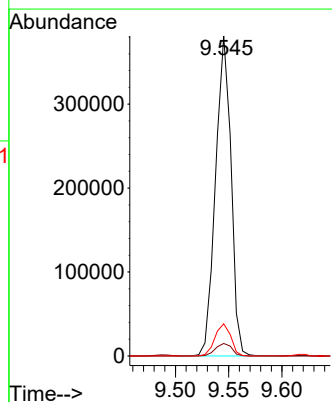
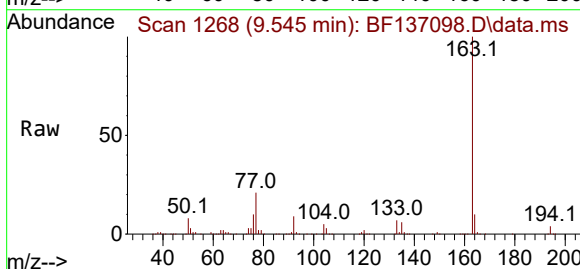
Tgt Ion:163 Resp: 384553

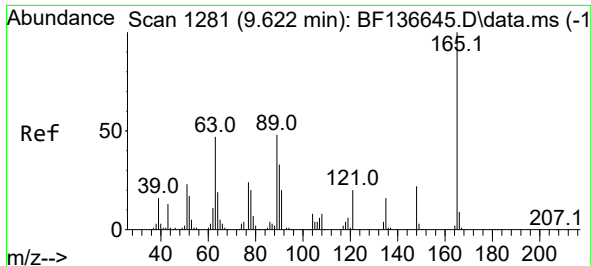
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.0 7.8 11.6

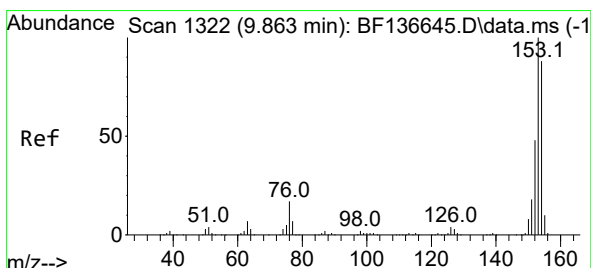
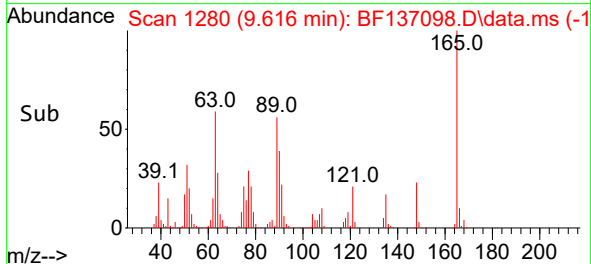
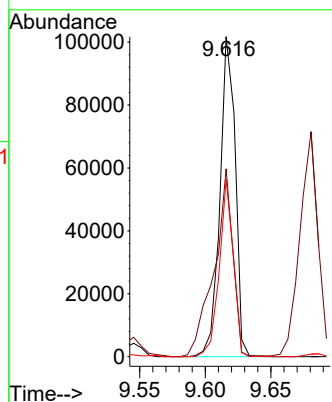
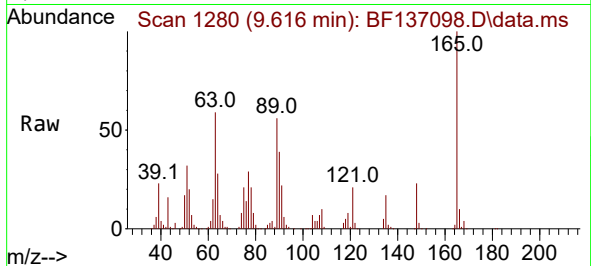




#51
2,6-Dinitrotoluene
Concen: 43.448 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

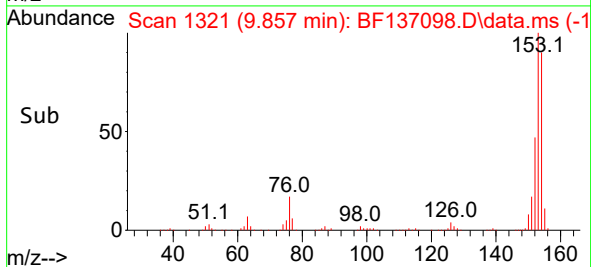
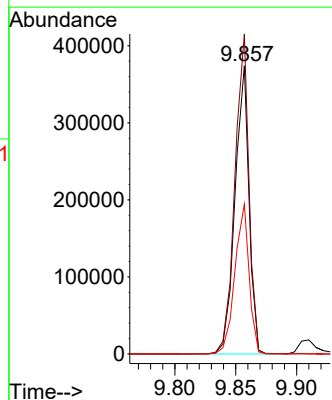
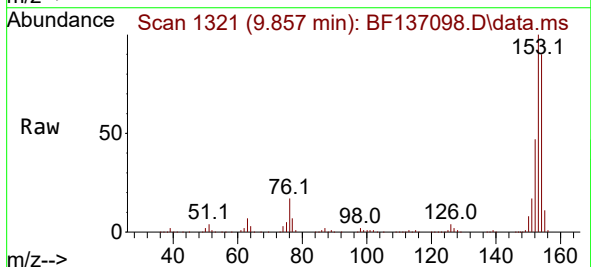
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

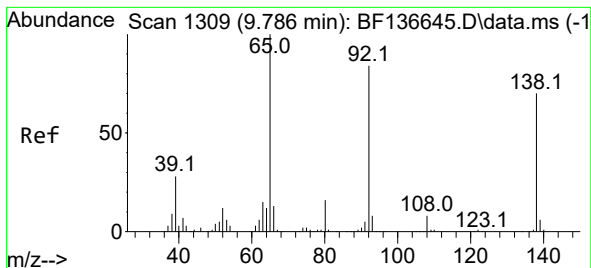
Tgt Ion:165 Resp: 82205
Ion Ratio Lower Upper
165 100
63 58.7 39.8 59.6
89 55.5 38.8 58.2



#52
Acenaphthene
Concen: 43.468 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:154 Resp: 299874
Ion Ratio Lower Upper
154 100
153 111.1 90.7 136.1
152 52.0 43.7 65.5





#53

3-Nitroaniline

Concen: 13.254 ng

RT: 9.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

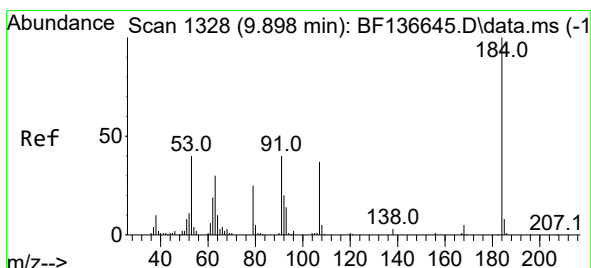
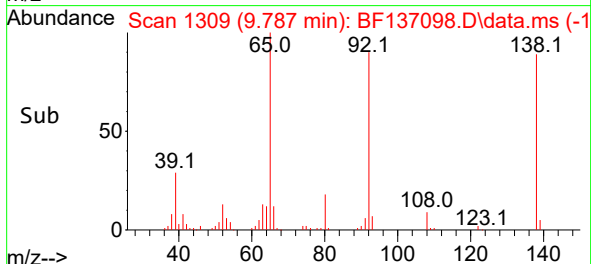
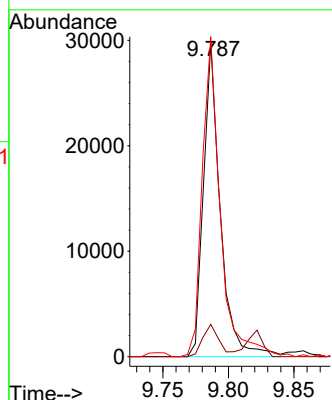
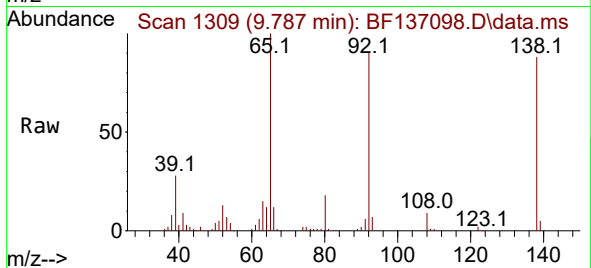
Tgt Ion:138 Resp: 26564

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 101.9 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 37.915 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

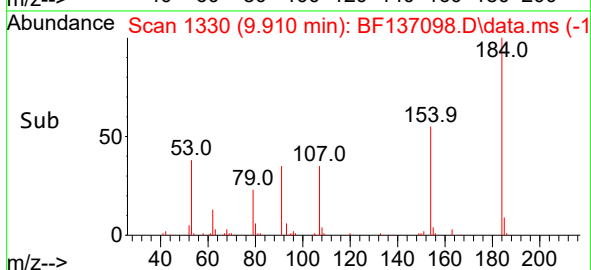
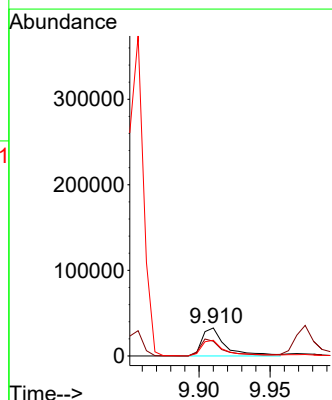
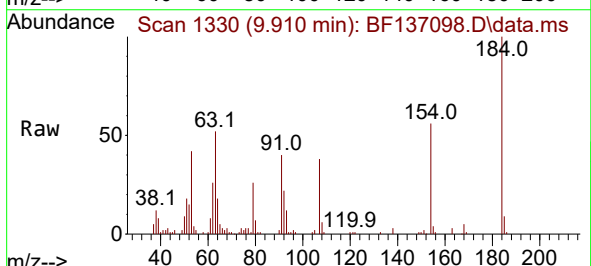
Tgt Ion:184 Resp: 37597

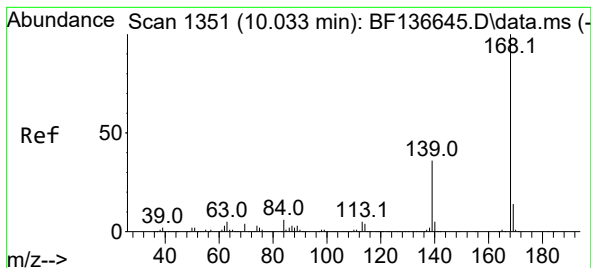
Ion Ratio Lower Upper

184 100

63 52.4 40.9 61.3

154 55.6 42.7 64.1





#55

Dibenzenofuran

Concen: 43.476 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

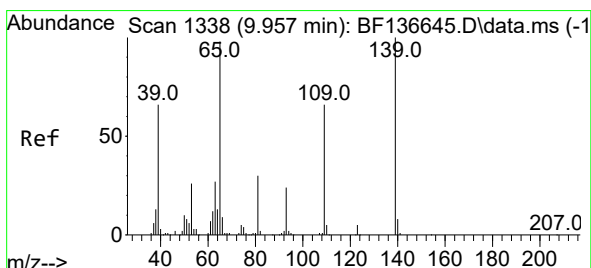
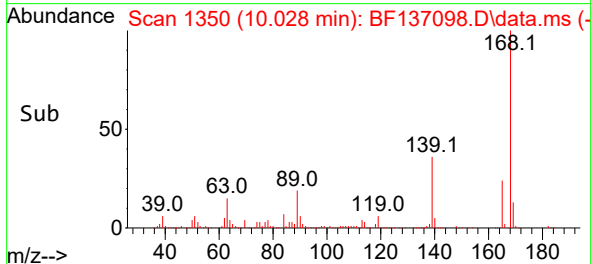
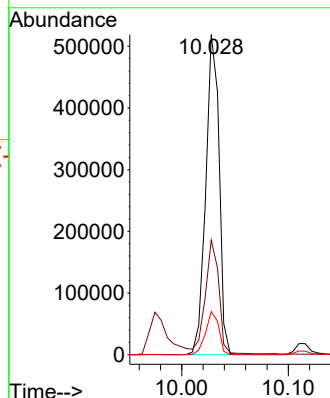
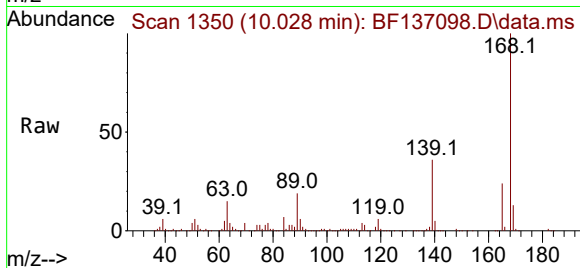
Tgt Ion:168 Resp: 454657

Ion Ratio Lower Upper

168 100

139 35.8 29.3 43.9

169 13.5 11.0 16.4



#56

4-Nitrophenol

Concen: 62.058 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

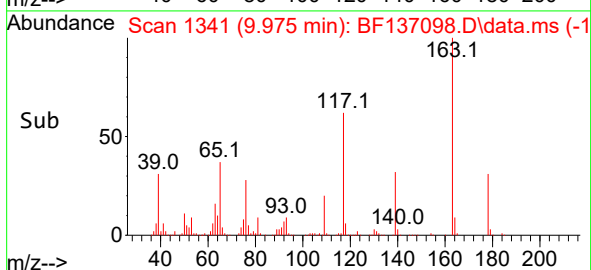
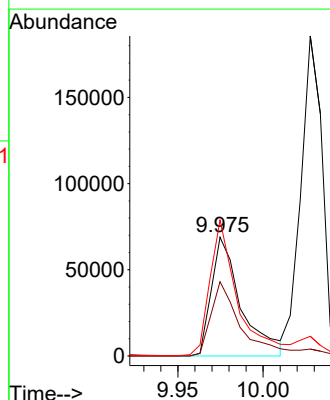
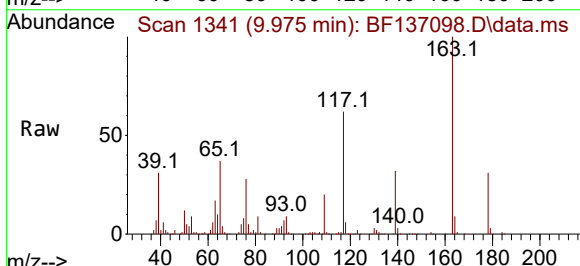
Tgt Ion:139 Resp: 83965

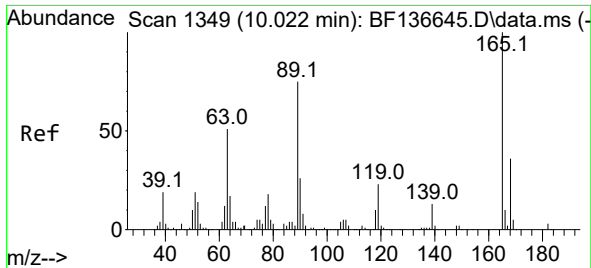
Ion Ratio Lower Upper

139 100

109 62.5 45.8 85.8

65 114.4 77.8 117.8

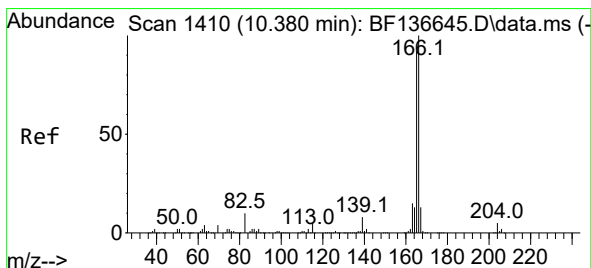
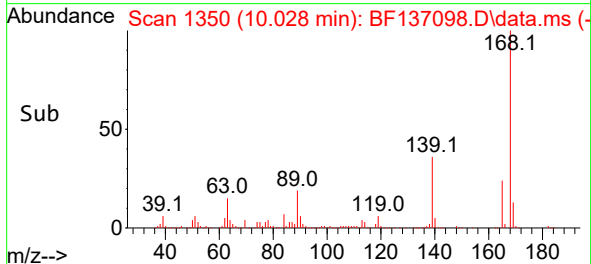
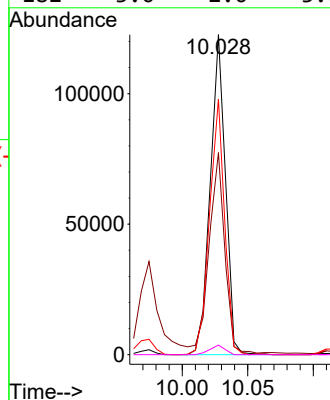
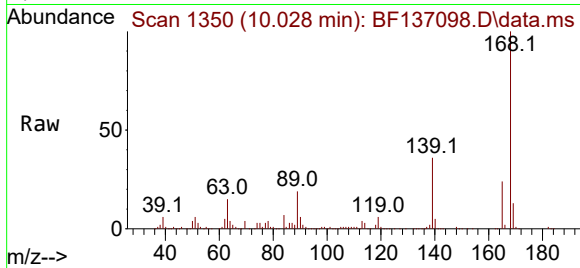




#57
2,4-Dinitrotoluene
Concen: 40.298 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

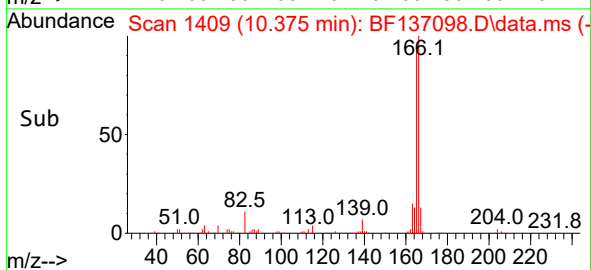
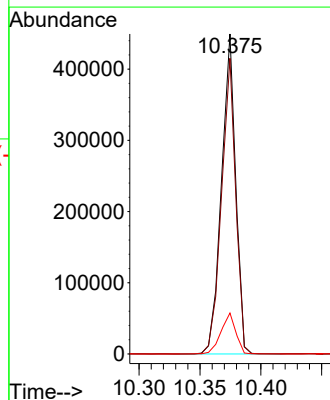
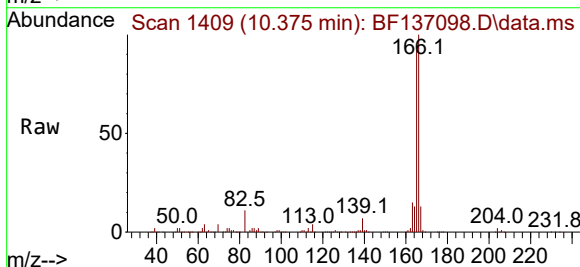
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

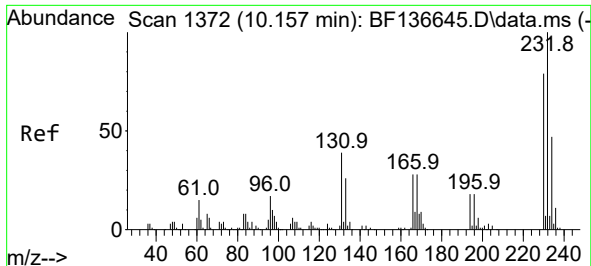
Tgt Ion:165 Resp: 98981
Ion Ratio Lower Upper
165 100
63 63.1 41.0 61.6#
89 79.9 59.9 89.9
182 3.0 2.0 3.0



#58
Fluorene
Concen: 44.064 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:166 Resp: 365627
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 12.8 10.4 15.6

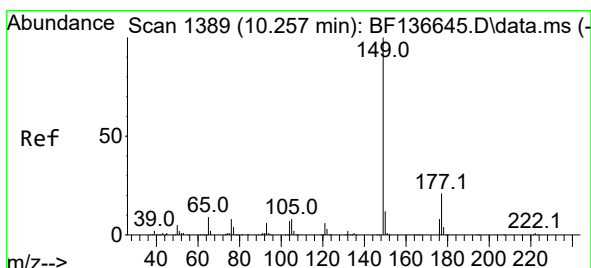
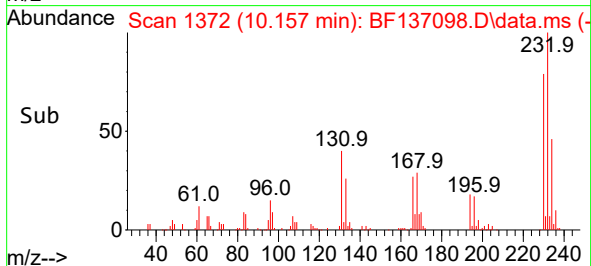
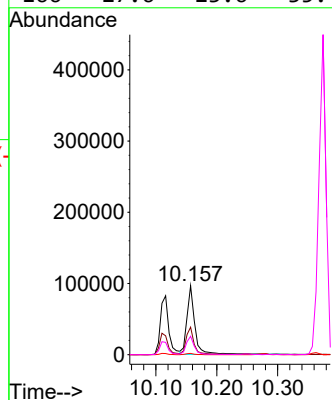
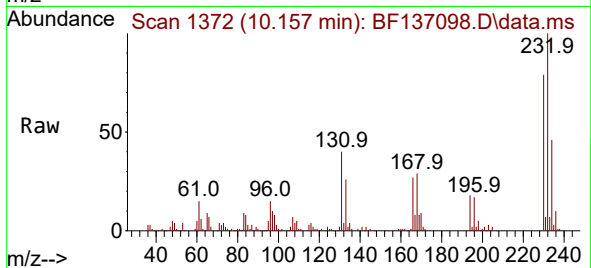




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.052 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

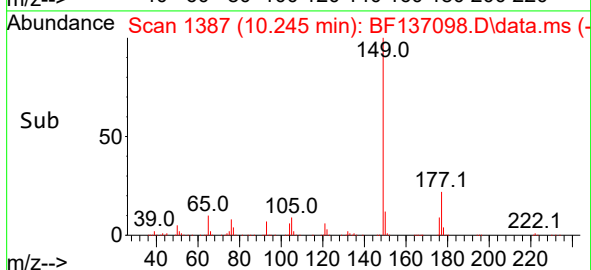
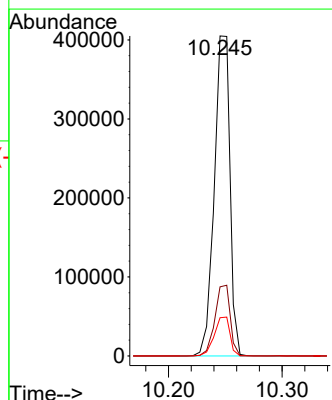
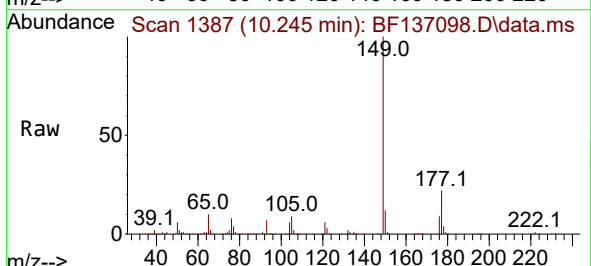
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

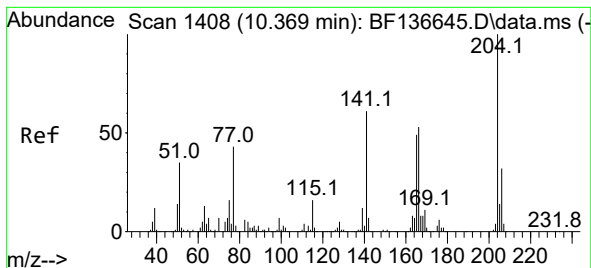
Tgt Ion:232 Resp: 87606
Ion Ratio Lower Upper
232 100
131 38.3 35.1 52.7
130 1.9 1.6 2.4
166 27.6 23.6 35.4



#60
Diethylphthalate
Concen: 44.926 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:149 Resp: 388605
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 11.9 9.3 13.9

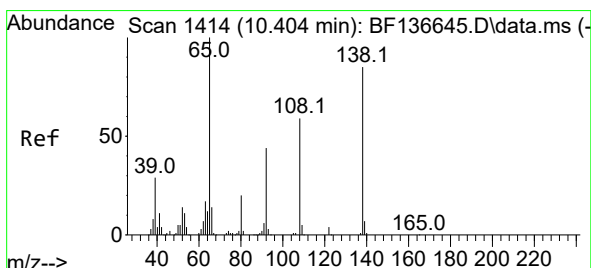
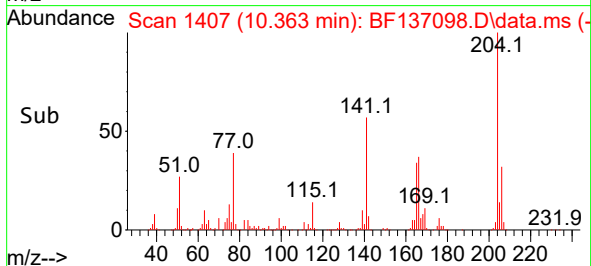
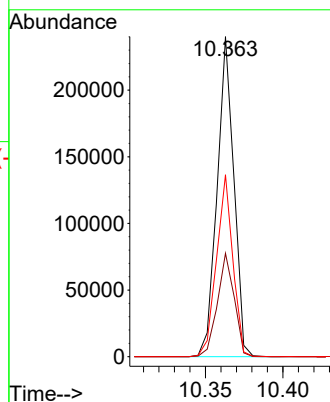
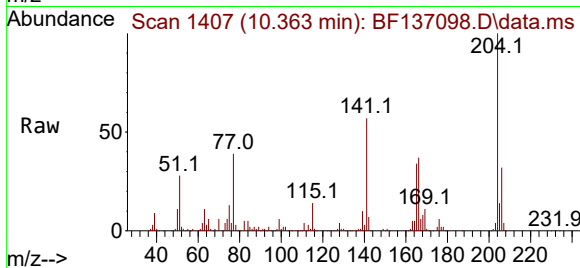




#61
4-Chlorophenyl-phenylether
Concen: 44.587 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

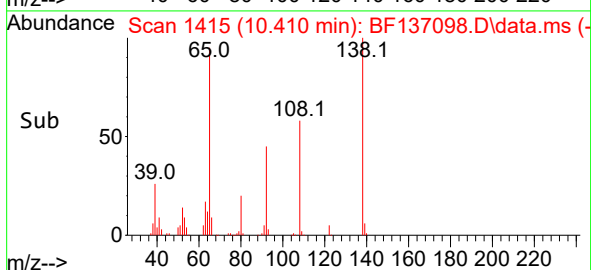
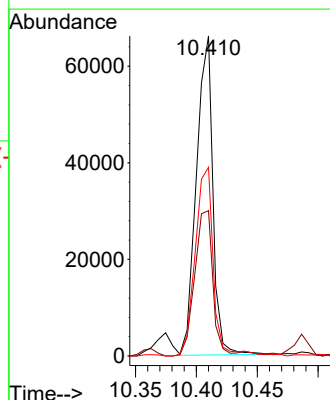
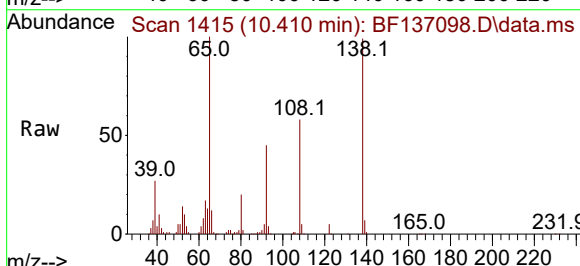
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

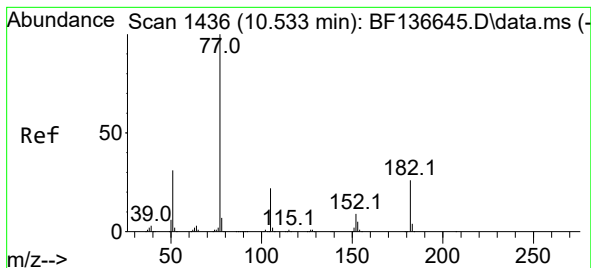
Tgt Ion:204 Resp: 179828
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 56.9 48.4 72.6



#62
4-Nitroaniline
Concen: 32.299 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:138 Resp: 62406
Ion Ratio Lower Upper
138 100
92 45.4 32.1 72.1
108 58.9 50.1 90.1





#63

Azobenzene

Concen: 41.560 ng

RT: 10.528 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

Tgt Ion: 77 Resp: 335767

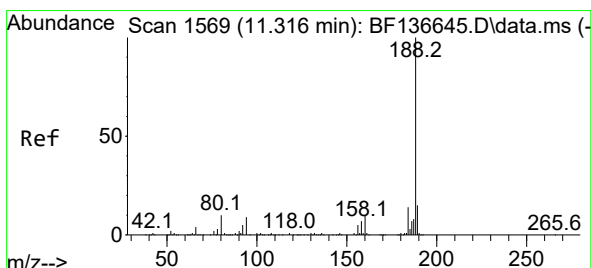
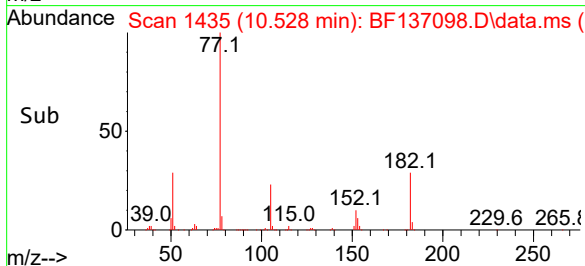
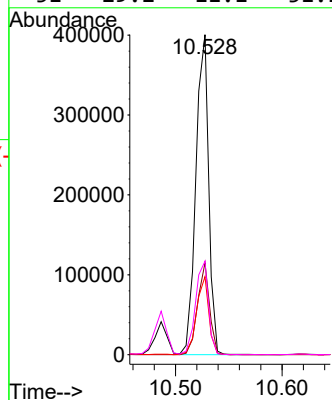
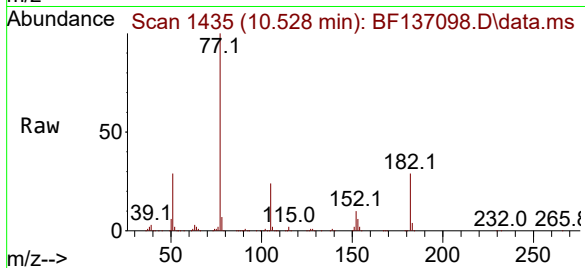
Ion Ratio Lower Upper

77 100

182 28.7 6.0 46.0

105 24.4 2.3 42.3

51 29.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

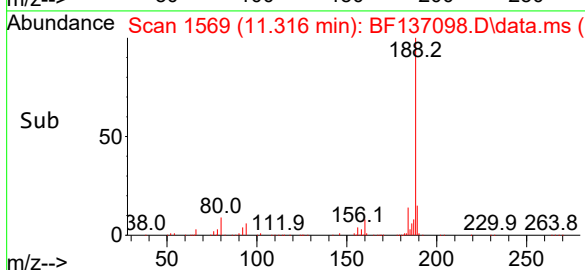
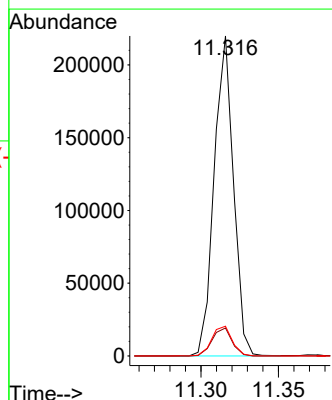
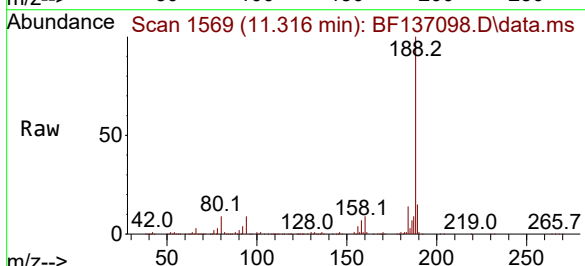
Tgt Ion:188 Resp: 190353

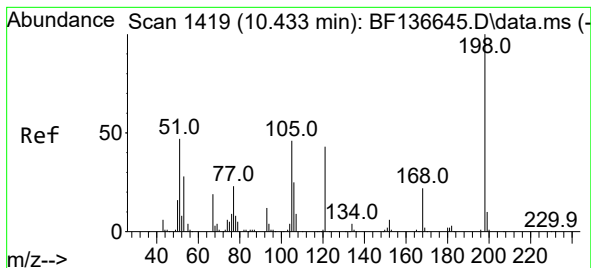
Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.3 8.1 12.1

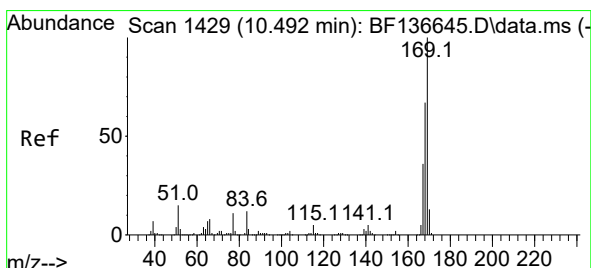
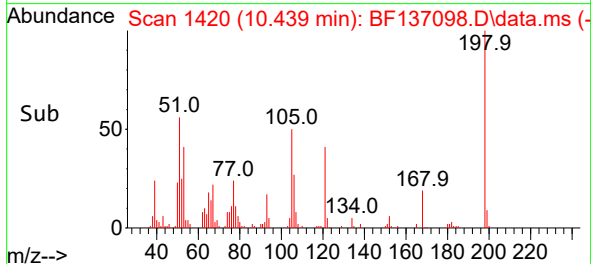
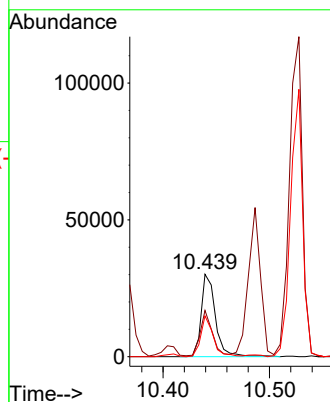
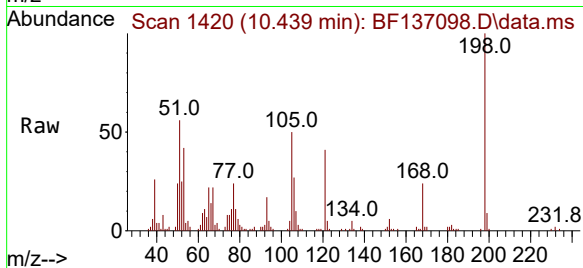




#65
4,6-Dinitro-2-methylphenol
Concen: 25.591 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

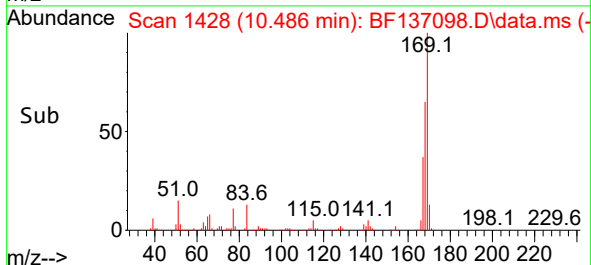
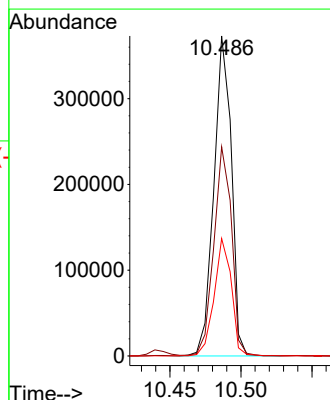
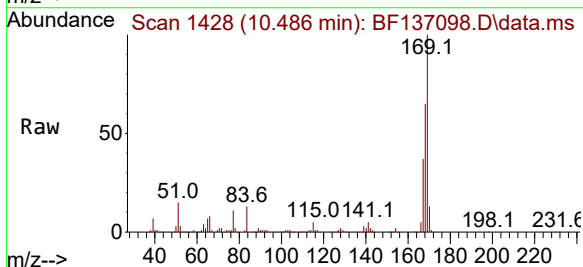
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

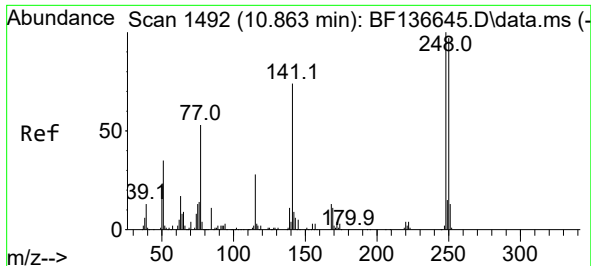
Tgt Ion:198 Resp: 27917
Ion Ratio Lower Upper
198 100
51 56.1 34.1 74.1
105 49.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 51.647 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:169 Resp: 319361
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.6
167 36.7 28.7 43.1

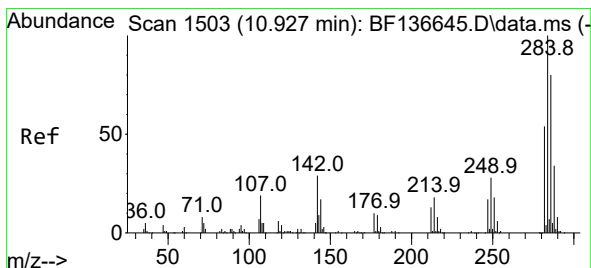
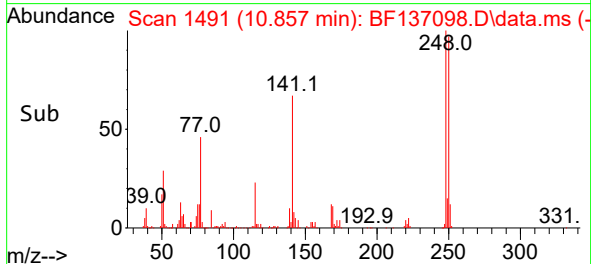
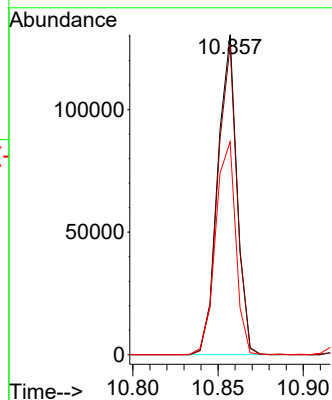
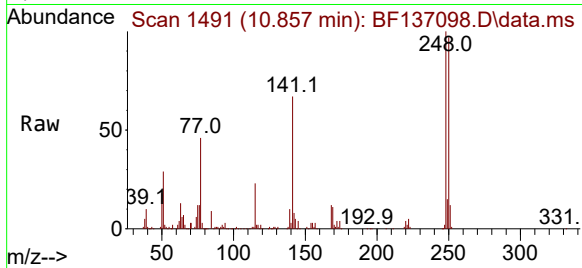




#67
4-Bromophenyl-phenylether
Concen: 48.577 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

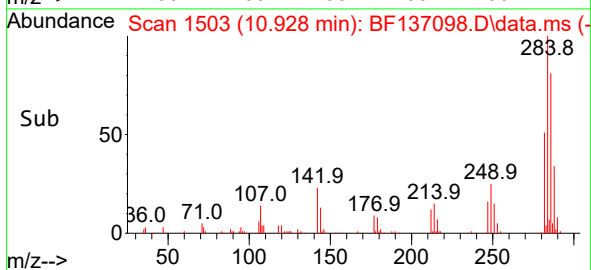
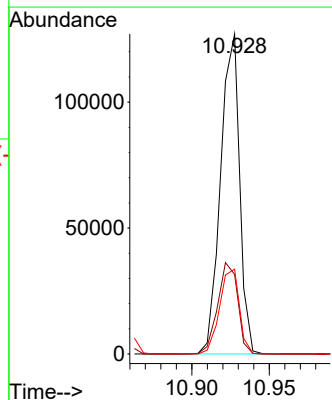
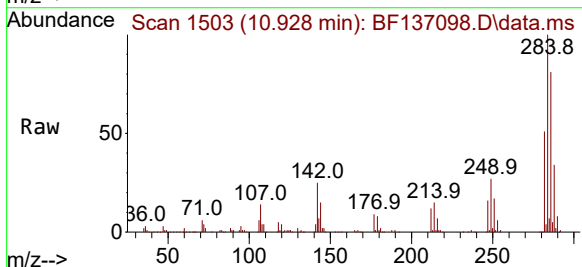
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

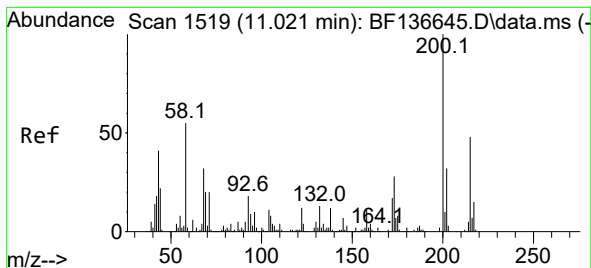
Tgt Ion:248 Resp: 102692
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 66.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 45.999 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:284 Resp: 108368
Ion Ratio Lower Upper
284 100
142 24.8 23.4 35.0
249 26.5 22.3 33.5





#69

Atrazine

Concen: 62.920 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

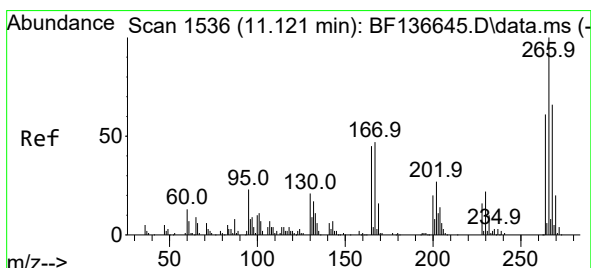
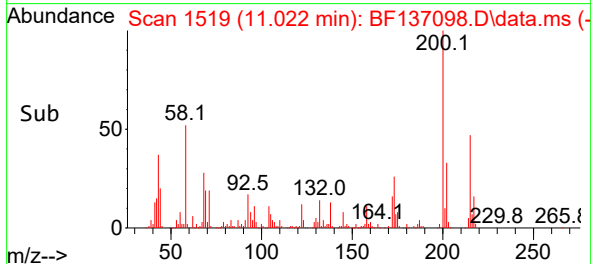
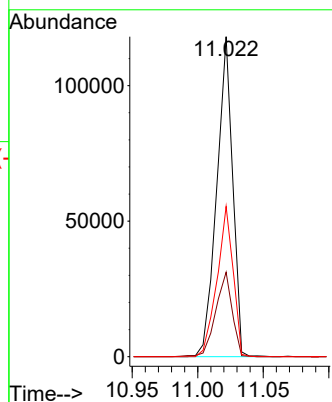
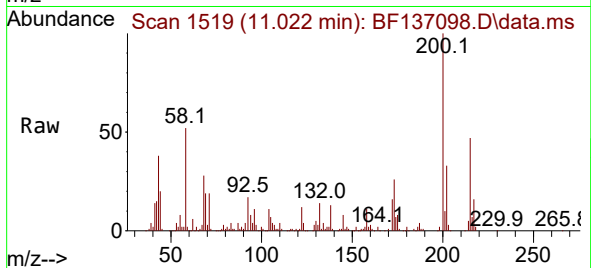
Tgt Ion:200 Resp: 99512

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

215 47.0 28.3 68.3



#70

Pentachlorophenol

Concen: 77.408 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

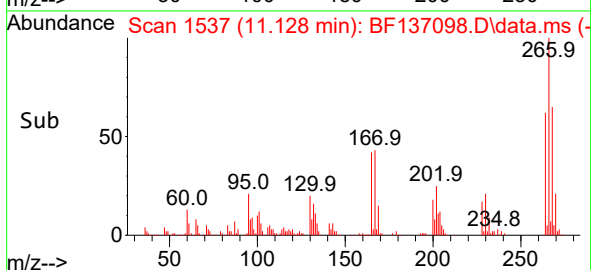
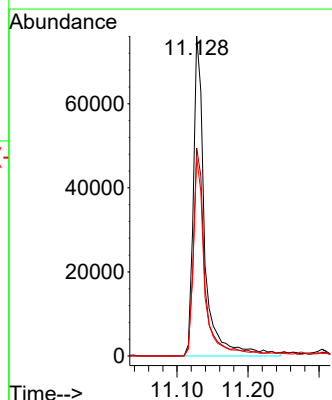
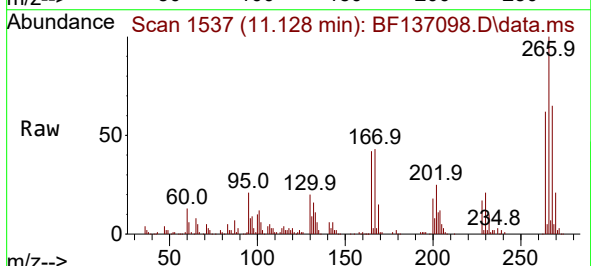
Tgt Ion:266 Resp: 85002

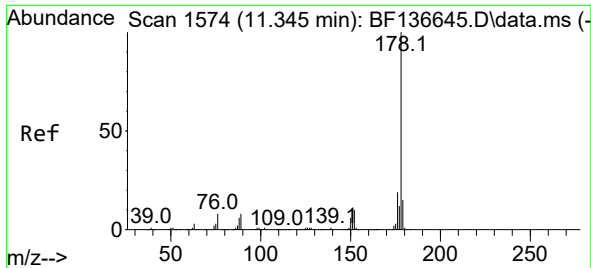
Ion Ratio Lower Upper

266 100

268 65.0 52.6 78.8

264 62.0 49.0 73.4

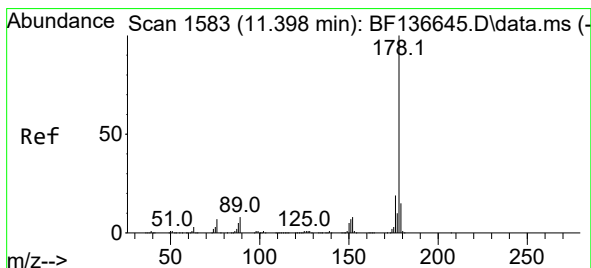
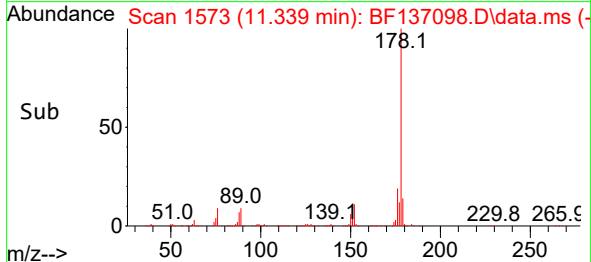
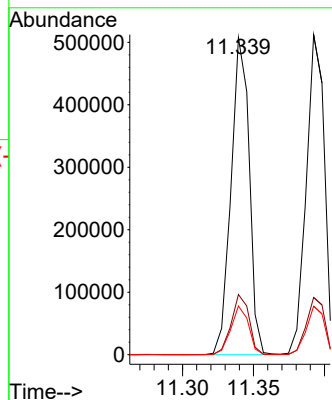
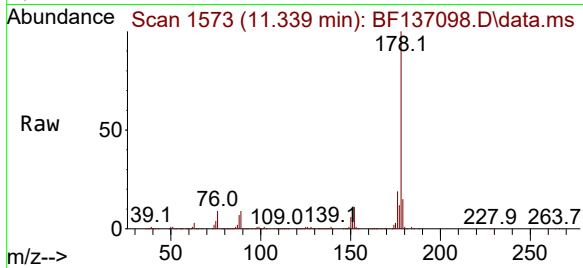




#71
Phenanthrene
Concen: 46.219 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

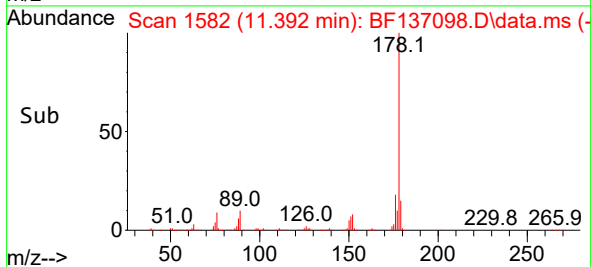
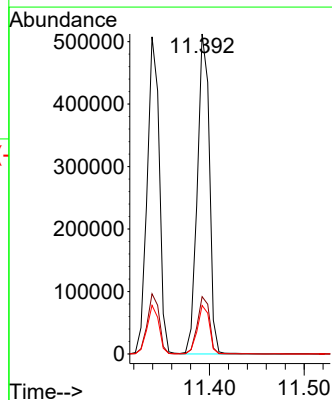
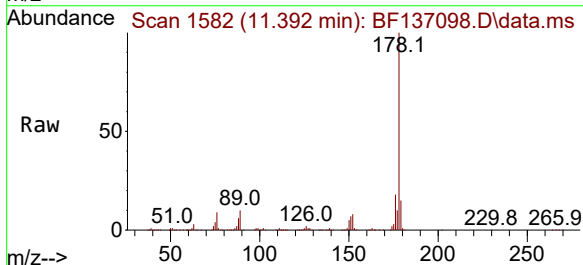
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

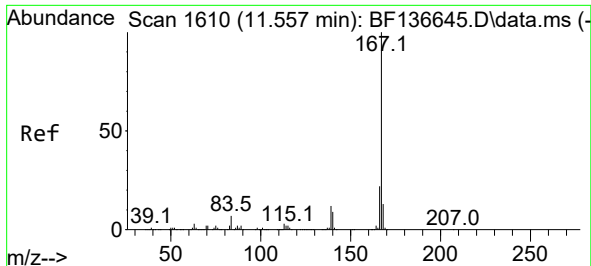
Tgt Ion:178 Resp: 451427
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 46.004 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:178 Resp: 455047
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 15.2 11.8 17.6

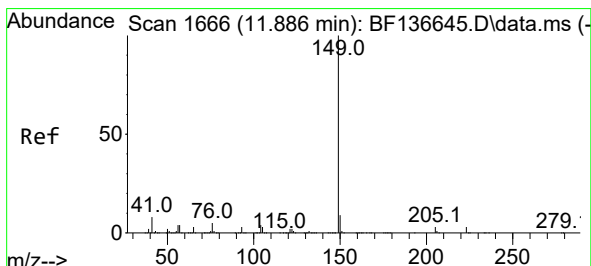
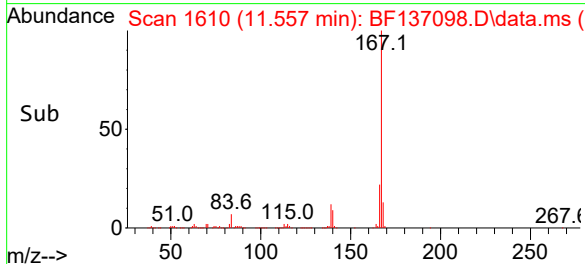
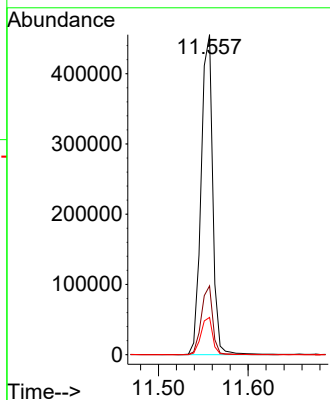
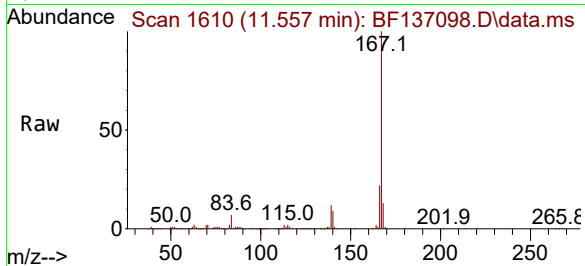




#73
 Carbazole
 Concen: 43.840 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

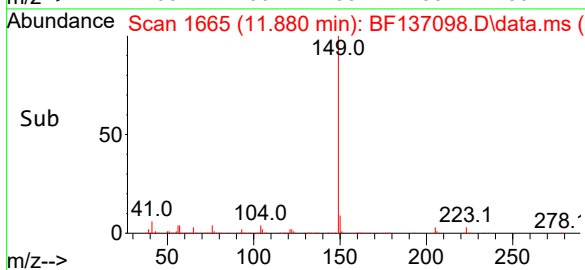
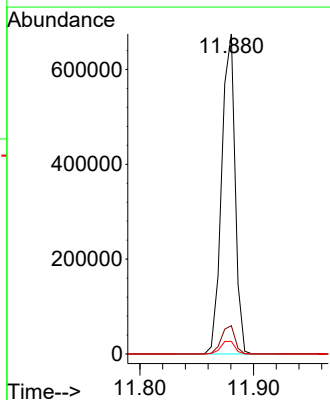
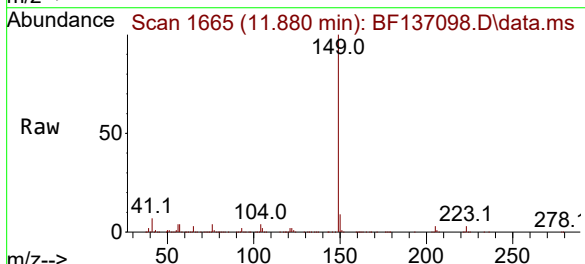
Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MS

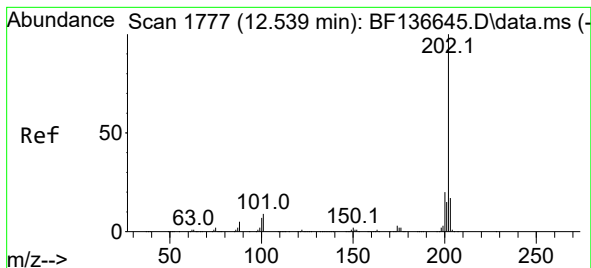
Tgt Ion:167 Resp: 408848
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 11.6 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 49.019 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

Tgt Ion:149 Resp: 557827
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.0 3.6 5.4





#75

Fluoranthene

Concen: 40.026 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

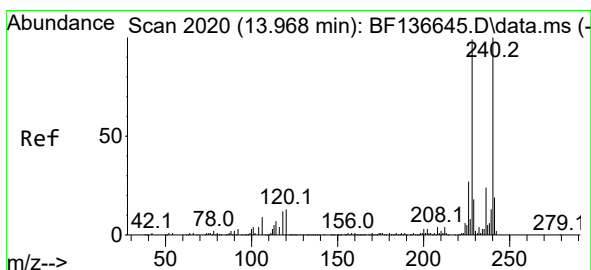
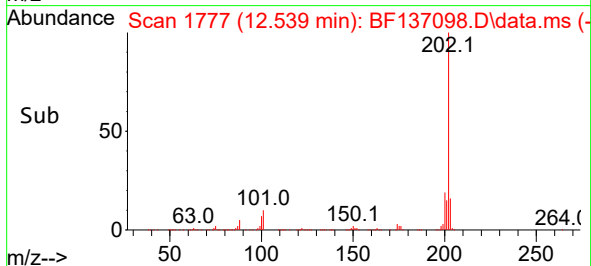
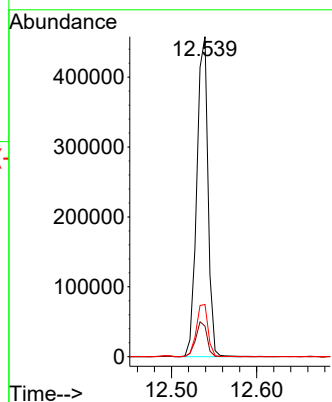
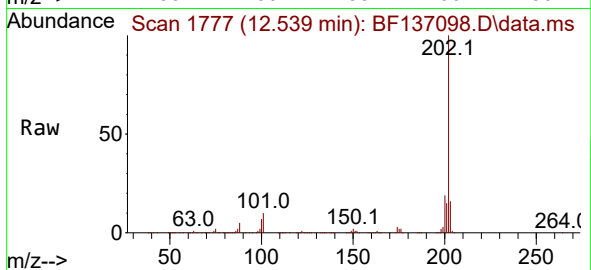
Tgt Ion:202 Resp: 418166

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

203 16.3 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: BF137098.D

Acq: 17 Jan 2024 17:37

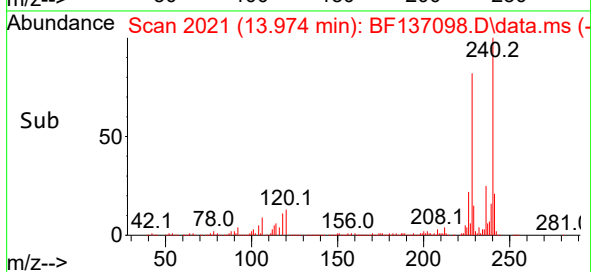
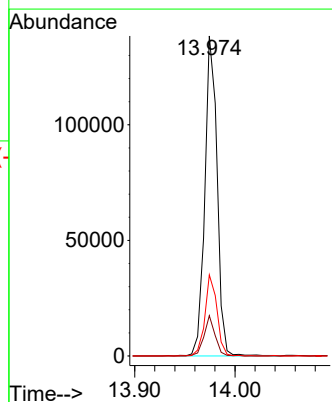
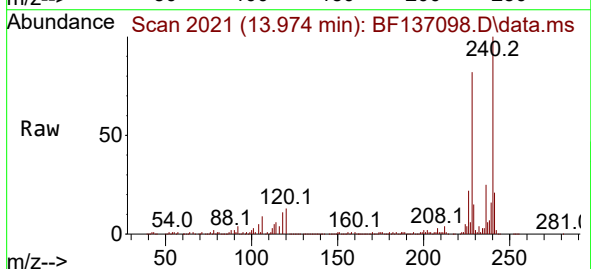
Tgt Ion:240 Resp: 118179

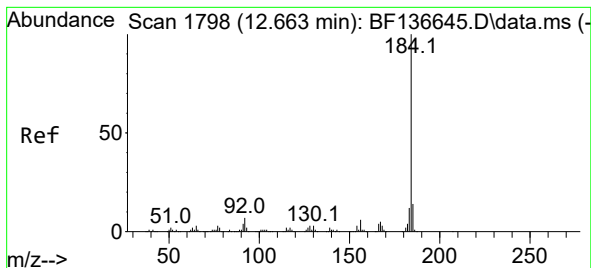
Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

236 25.4 19.4 29.2





#77

Benzidine

Concen: 25.348 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

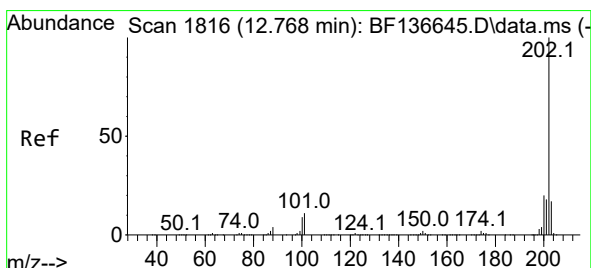
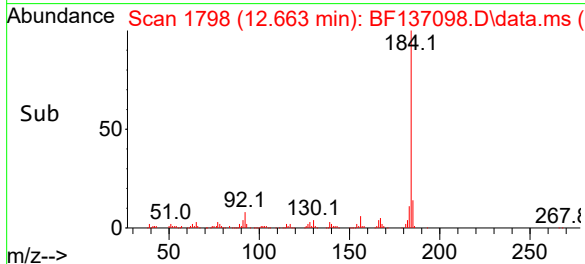
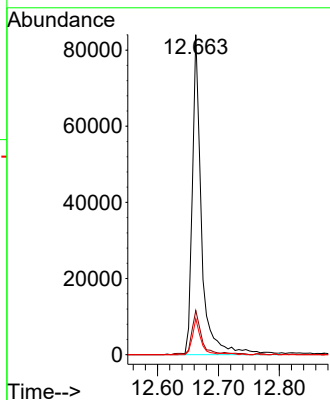
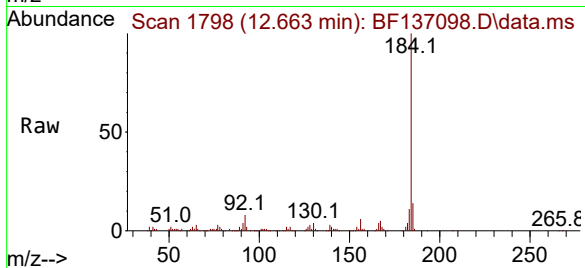
Tgt Ion:184 Resp: 88326

Ion Ratio Lower Upper

184 100

185 13.8 11.2 16.8

183 11.3 9.3 13.9



#78

Pyrene

Concen: 35.932 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

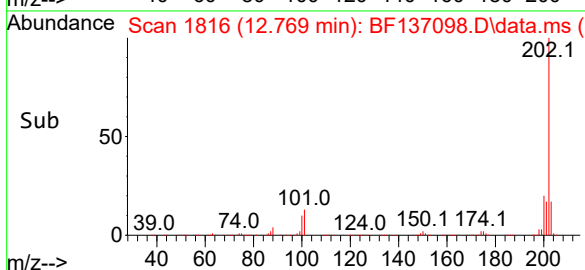
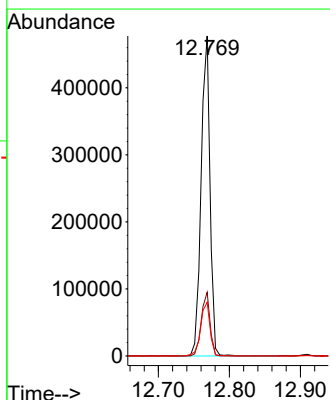
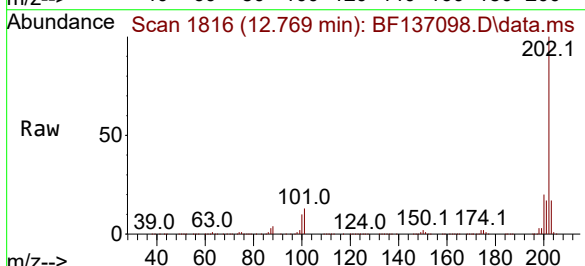
Tgt Ion:202 Resp: 416852

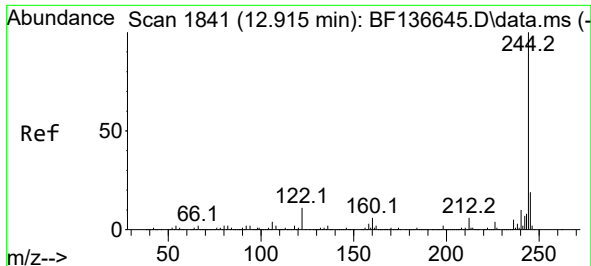
Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

203 16.8 13.8 20.6

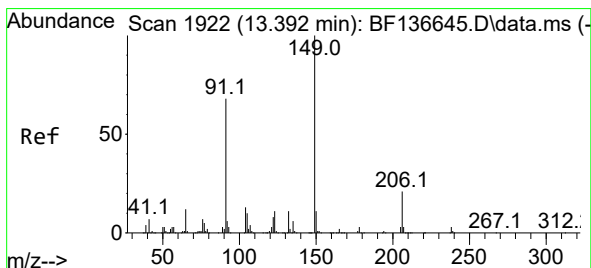
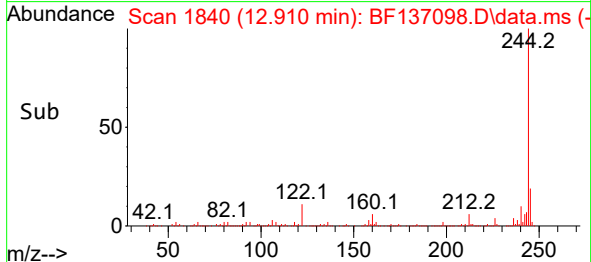
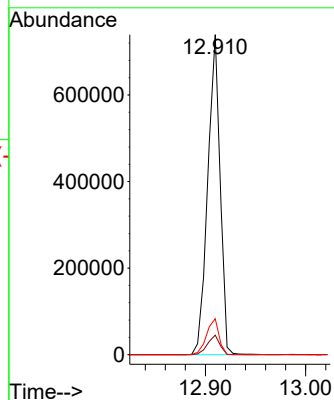
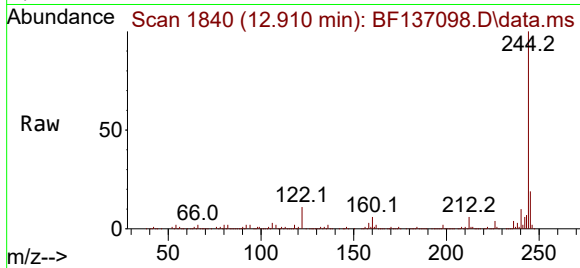




#79
 Terphenyl-d14
 Concen: 75.169 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

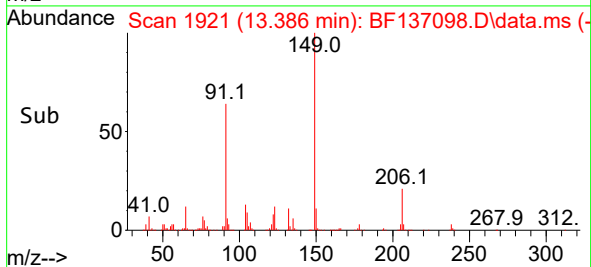
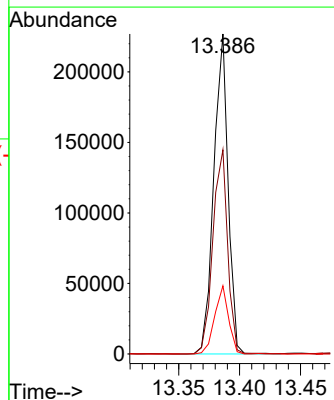
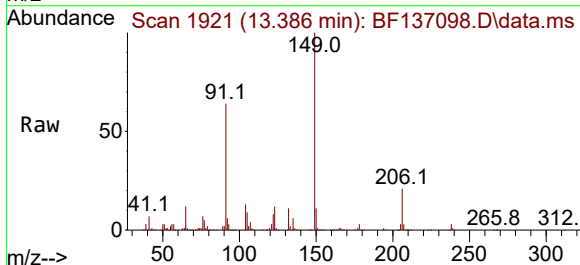
Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2MS

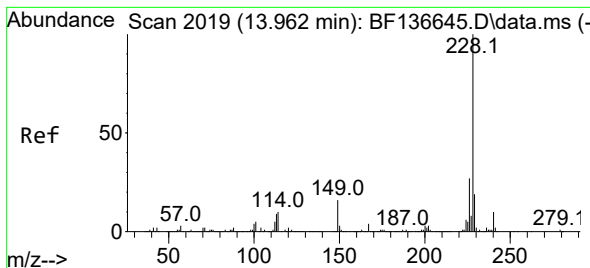
Tgt Ion:244 Resp: 635675
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 43.989 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137098.D
 Acq: 17 Jan 2024 17:37

Tgt Ion:149 Resp: 185693
 Ion Ratio Lower Upper
 149 100
 91 63.8 54.1 81.1
 206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.510 ng

RT: 13.969 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

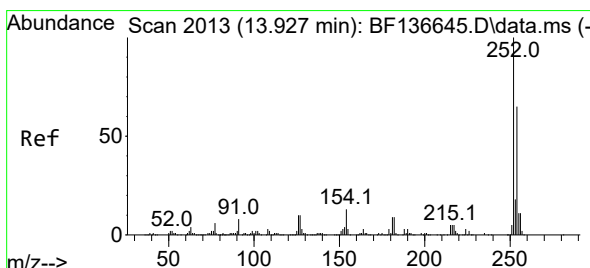
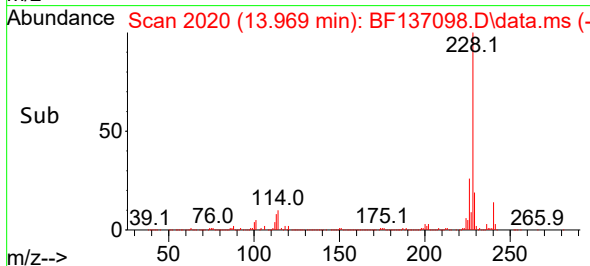
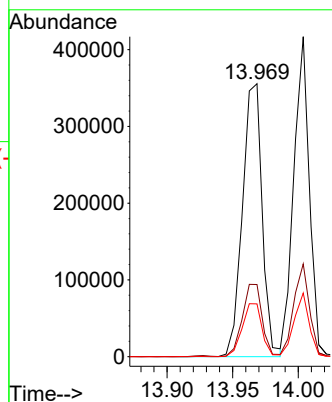
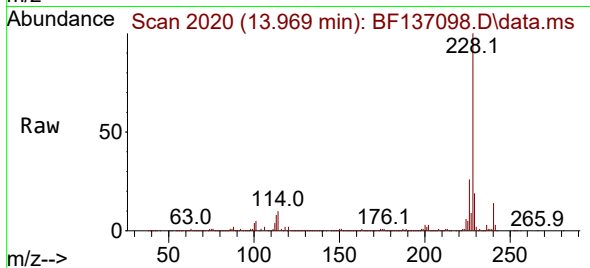
Tgt Ion:228 Resp: 373464

Ion Ratio Lower Upper

228 100

226 26.4 21.4 32.0

229 19.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 31.172 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

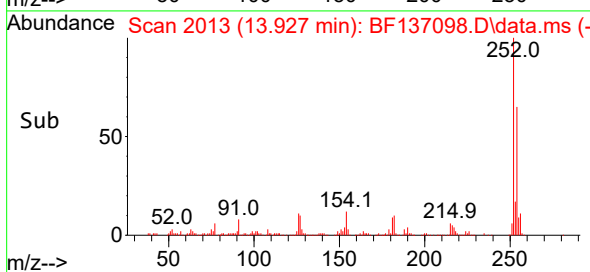
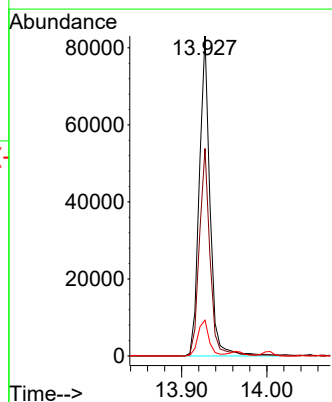
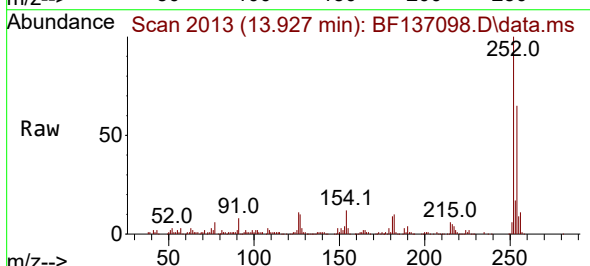
Tgt Ion:252 Resp: 72647

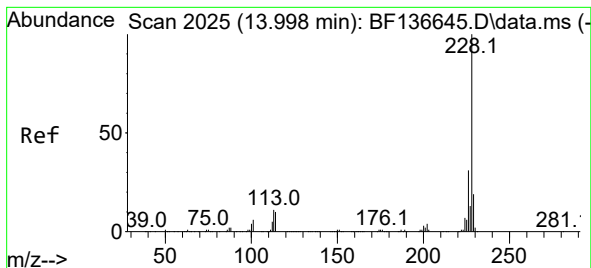
Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.4

126 11.2 8.0 12.0





#83

Chrysene

Concen: 43.140 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

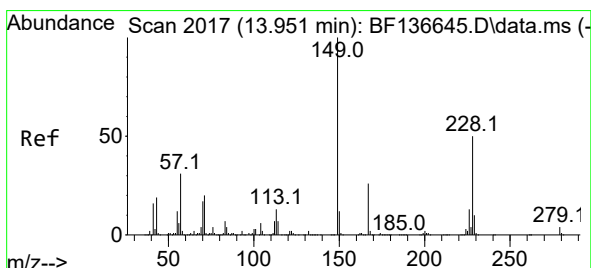
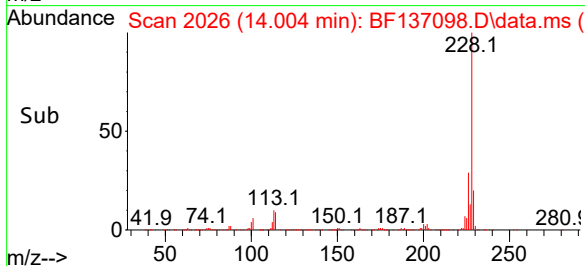
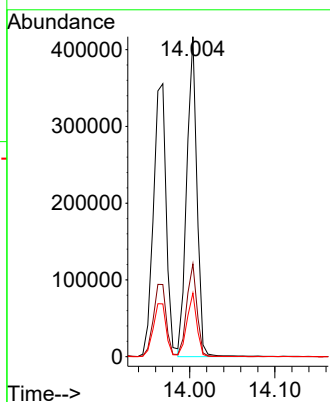
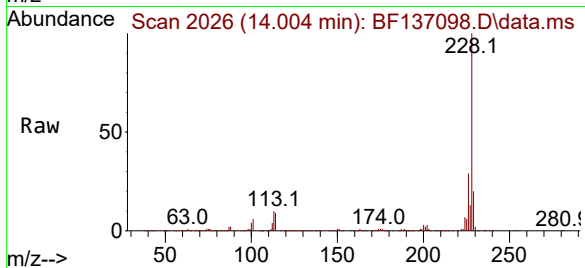
Tgt Ion:228 Resp: 346188

Ion Ratio Lower Upper

228 100

226 29.0 24.7 37.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.235 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

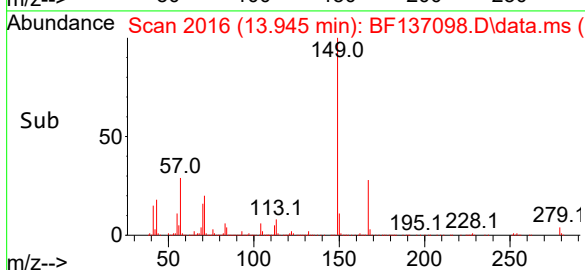
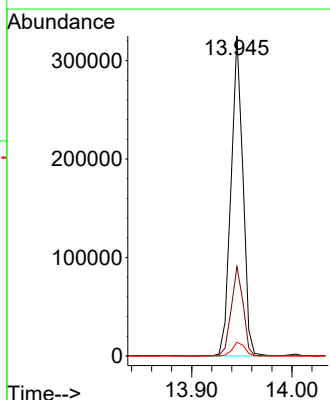
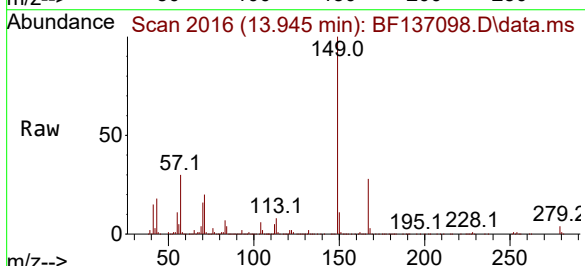
Tgt Ion:149 Resp: 266812

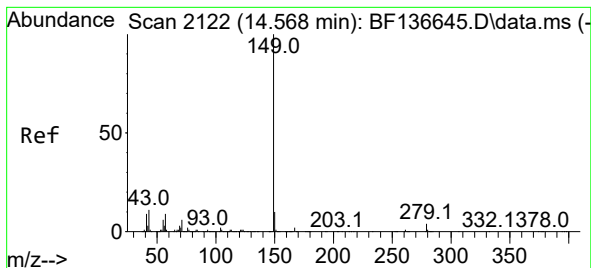
Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 55.231 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

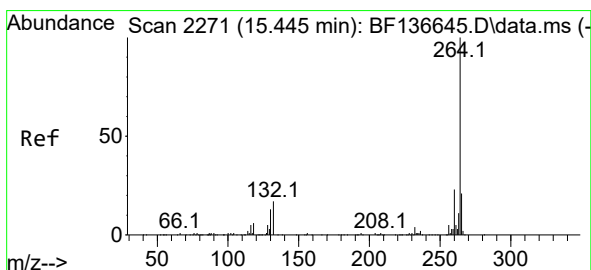
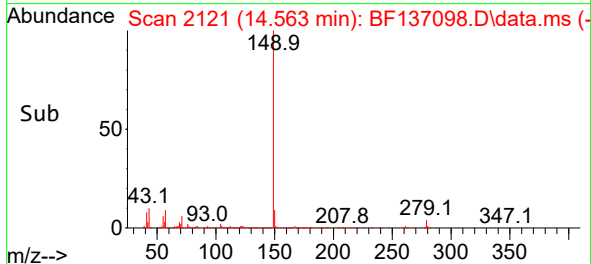
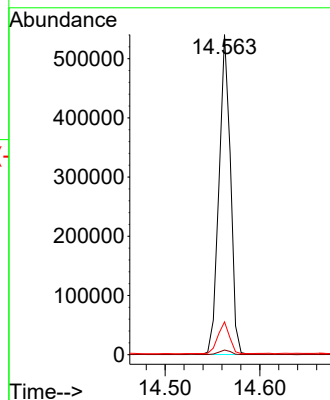
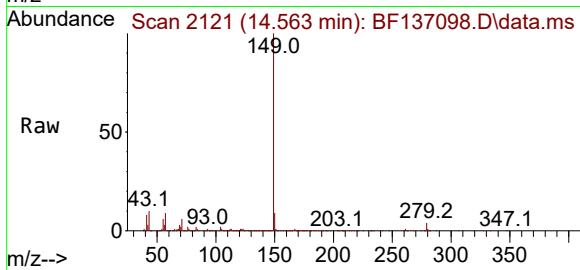
Tgt Ion:149 Resp: 453761

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

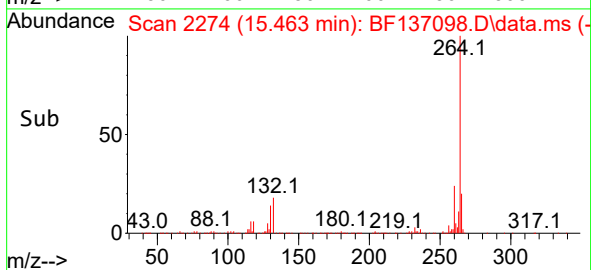
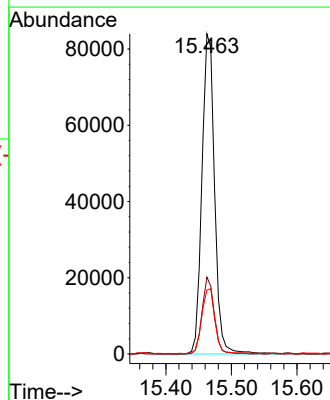
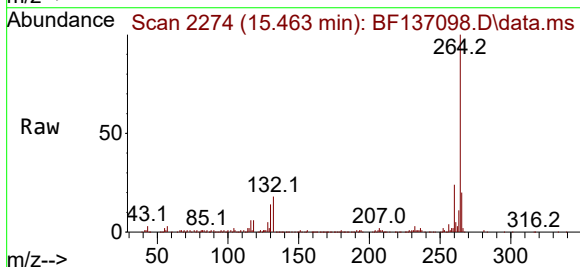
Tgt Ion:264 Resp: 113023

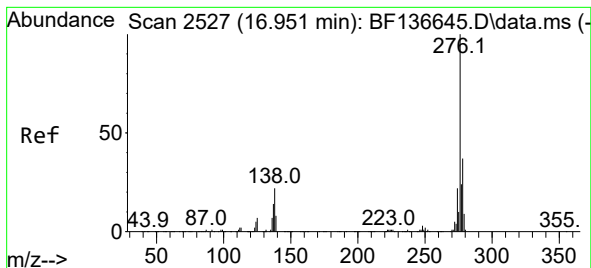
Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 20.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.623 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

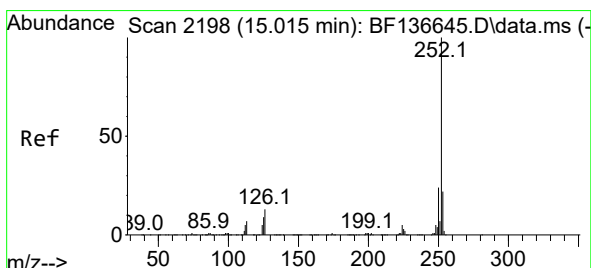
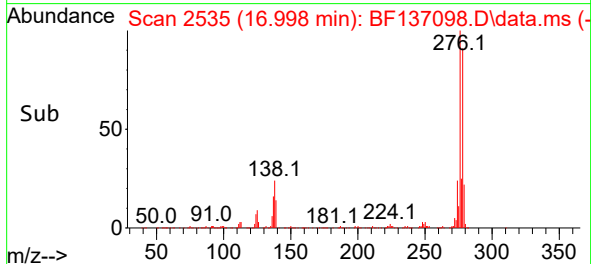
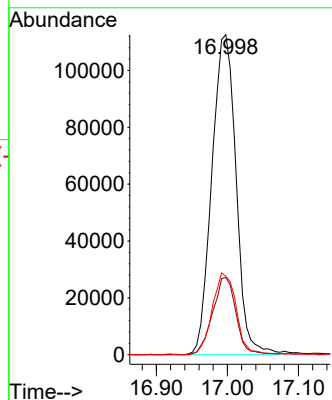
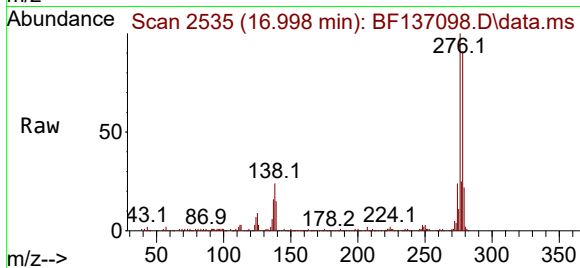
Tgt Ion:276 Resp: 266218

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.968 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

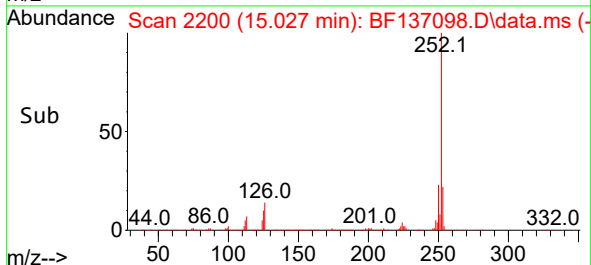
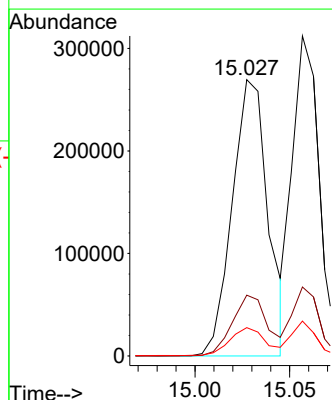
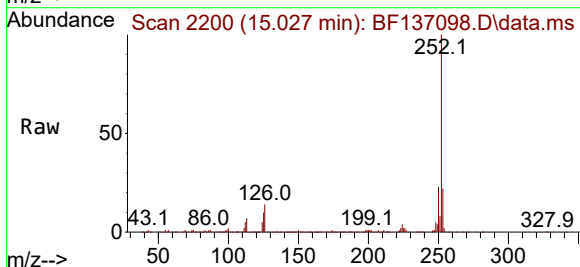
Tgt Ion:252 Resp: 354554

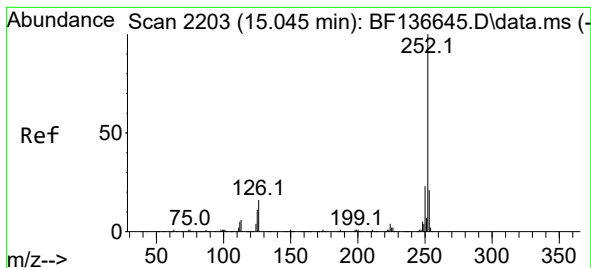
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.327 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2MS

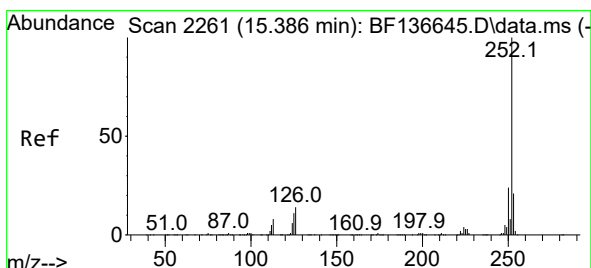
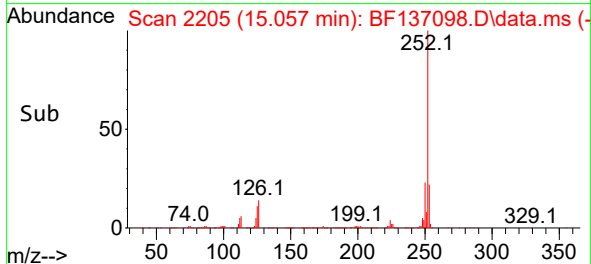
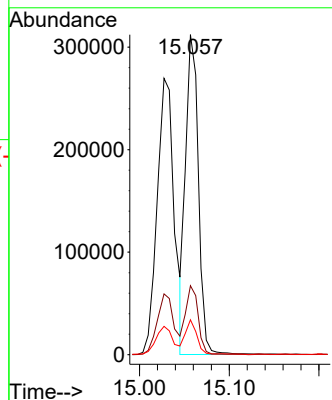
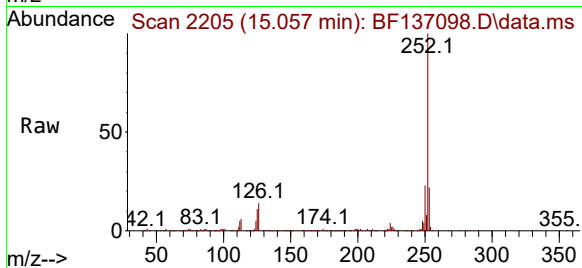
Tgt Ion:252 Resp: 309049

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 43.349 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137098.D

Acq: 17 Jan 2024 17:37

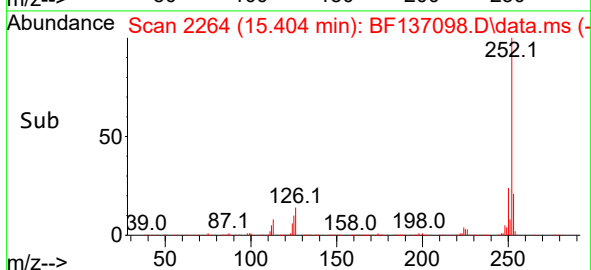
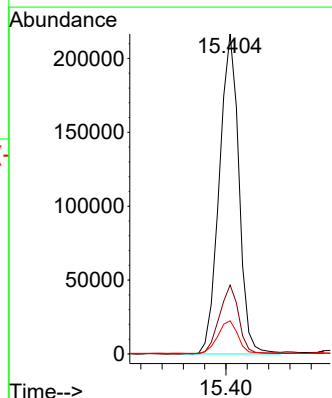
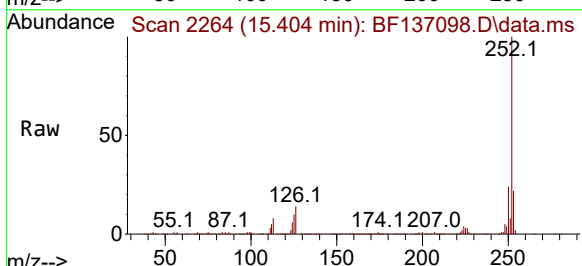
Tgt Ion:252 Resp: 276223

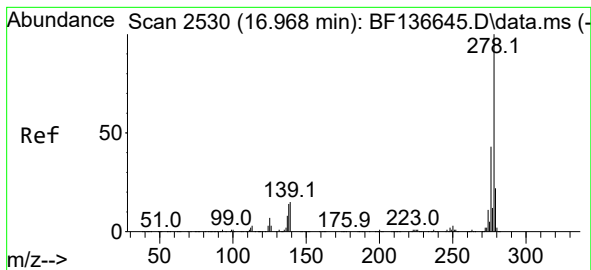
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.4 8.8 13.2

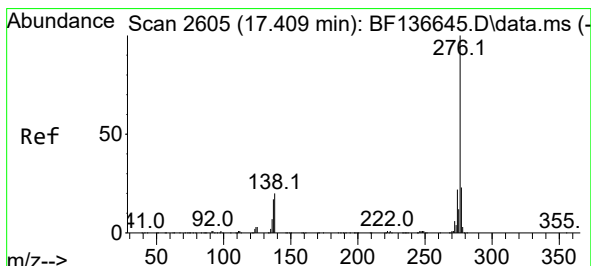
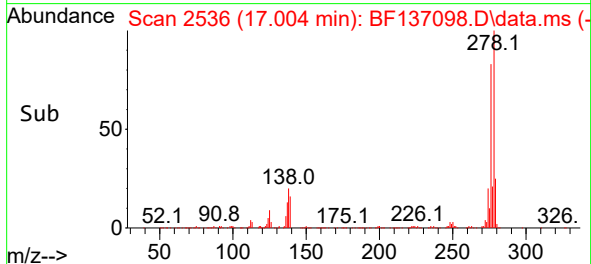
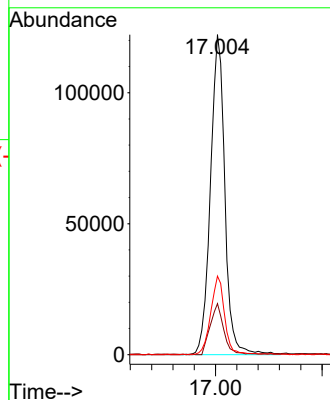
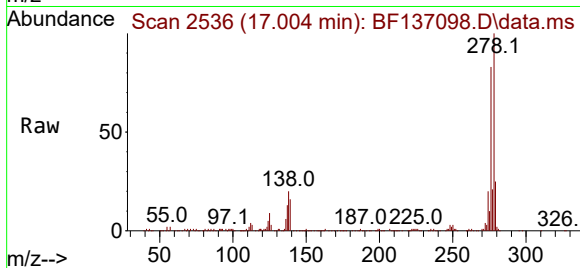




#91
Dibenzo(a,h)anthracene
Concen: 34.294 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.036 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

Tgt Ion:278 Resp: 229594
Ion Ratio Lower Upper
278 100
139 16.0 12.2 18.4
279 24.6 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 29.108 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137098.D
Acq: 17 Jan 2024 17:37

Tgt Ion:276 Resp: 199593
Ion Ratio Lower Upper
276 100
277 21.7 18.3 27.5
138 19.0 15.6 23.4

