

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137562.D
 Acq On : 11 Mar 2024 18:18
 Operator : CG\JU
 Sample : P1720-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3471MS

Quant Time: Mar 12 02:05:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	230114	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	904212	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	475861	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	664191	20.000	ng	0.00
76) Chrysene-d12	14.098	240	399730	20.000	ng	0.00
86) Perylene-d12	15.645	264	452418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1177226	77.481	ng	0.00
7) Phenol-d6	6.551	99	1619072	73.824	ng	0.00
23) Nitrobenzene-d5	7.463	82	986370	50.686	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	306357	73.311	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1550873	51.017	ng	0.00
79) Terphenyl-d14	13.033	244	1138832	39.177	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	310812	37.413	ng	98
3) Pyridine	3.646	79	729831	36.426	ng	98
4) n-Nitrosodimethylamine	3.628	42	340149	42.393	ng	# 98
6) Aniline	6.575	93	577207	21.539	ng	96
8) 2-Chlorophenol	6.693	128	722127	45.061	ng	97
9) Benzaldehyde	6.463	77	263069	24.484	ng	98
10) Phenol	6.563	94	992956	42.064	ng	98
11) bis(2-Chloroethyl)ether	6.645	93	719337	41.585	ng	99
12) 1,3-Dichlorobenzene	6.845	146	739041	43.157	ng	96
13) 1,4-Dichlorobenzene	6.922	146	757170	43.215	ng	100
14) 1,2-Dichlorobenzene	7.069	146	717559	44.620	ng	98
15) Benzyl Alcohol	7.051	79	666085	48.784	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1154594	38.830	ng	96
17) 2-Methylphenol	7.163	107	591322	39.433	ng	95
18) Hexachloroethane	7.404	117	258395	44.789	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	540629	39.919	ng	98
20) 3+4-Methylphenols	7.310	107	689481	40.147	ng	97
22) Acetophenone	7.310	105	931704	42.587	ng	# 98
24) Nitrobenzene	7.481	77	822457	42.071	ng	98
25) Isophorone	7.716	82	1568044	42.412	ng	99
26) 2-Nitrophenol	7.792	139	372314	47.971	ng	99
27) 2,4-Dimethylphenol	7.834	122	514001	35.443	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	930309	42.886	ng	99
29) 2,4-Dichlorophenol	8.034	162	599421	45.036	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	617042	44.054	ng	100
31) Naphthalene	8.198	128	2012025	41.473	ng	99
32) Benzoic acid	7.981	122	377399	45.558	ng	98
33) 4-Chloroaniline	8.251	127	158374	8.325	ng	99
34) Hexachlorobutadiene	8.310	225	362797	43.874	ng	99
35) Caprolactam	8.628	113	132582	29.377	ng	92
36) 4-Chloro-3-methylphenol	8.739	107	645036	43.357	ng	99
37) 2-Methylnaphthalene	8.886	142	1253482	40.530	ng	100
38) 1-Methylnaphthalene	8.986	142	1162604	39.917	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	606819	45.677	ng	99
41) Hexachlorocyclopentadiene	9.039	237	481245	87.863	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	404899	46.803	ng	99

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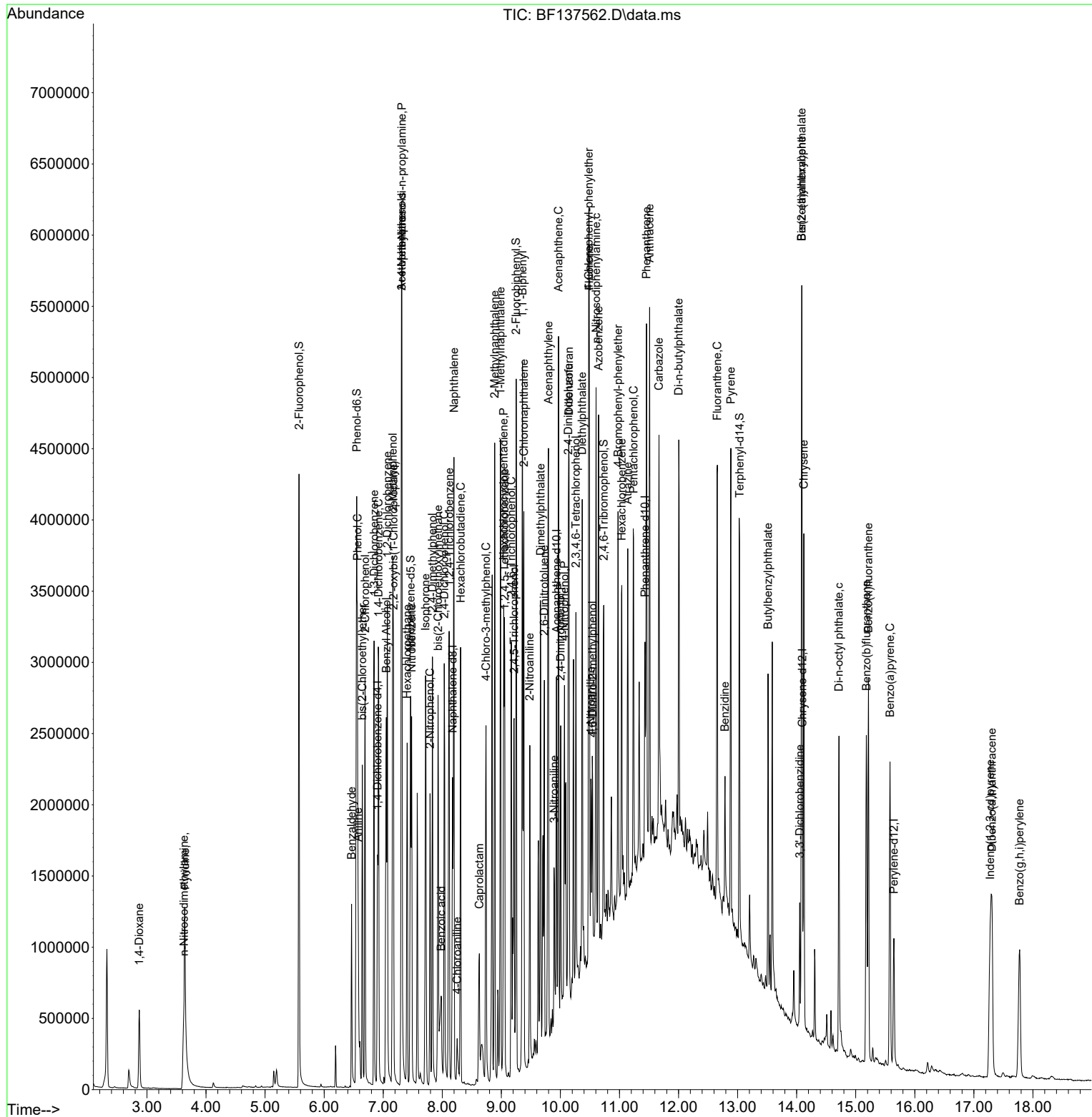
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44) 2,4,5-Trichlorophenol	9.216	196	430614	43.210	ng	97
46) 1,1'-Biphenyl	9.357	154	1519067	43.615	ng	100
47) 2-Chloronaphthalene	9.381	162	1190217	44.822	ng	99
48) 2-Nitroaniline	9.481	65	407516	45.152	ng	95
49) Acenaphthylene	9.798	152	1859335	43.754	ng	100
50) Dimethylphthalate	9.663	163	1445320	43.632	ng	99
51) 2,6-Dinitrotoluene	9.728	165	314576	45.403	ng	92
52) Acenaphthene	9.969	154	1024466	40.381	ng	98
53) 3-Nitroaniline	9.892	138	195969	26.740	ng	99
54) 2,4-Dinitrophenol	10.004	184	268968	79.633	ng	97
55) Dibenzofuran	10.145	168	1550654	40.130	ng	100
56) 4-Nitrophenol	10.069	139	390835	75.245	ng	96
57) 2,4-Dinitrotoluene	10.133	165	366942	43.108	ng	95
58) Fluorene	10.486	166	1133444	38.195	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	333786	41.767	ng	96
60) Diethylphthalate	10.369	149	1310967	41.909	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	570636	39.236	ng	98
62) 4-Nitroaniline	10.516	138	244569	38.828	ng	98
63) Azobenzene	10.645	77	1428197	39.650	ng	100
65) 4,6-Dinitro-2-methylph...	10.545	198	191842	51.823	ng	83
66) n-Nitrosodiphenylamine	10.604	169	1039284	48.592	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	356055	49.218	ng	98
68) Hexachlorobenzene	11.039	284	377233	51.628	ng	# 90
69) Atrazine	11.139	200	314029	48.299	ng	97
70) Pentachlorophenol	11.239	266	381362	86.339	ng	100
71) Phenanthrene	11.457	178	1558110	43.105	ng	99
72) Anthracene	11.510	178	1573550	42.386	ng	100
73) Carbazole	11.669	167	1302834	40.970	ng	99
74) Di-n-butylphthalate	12.004	149	1682165	44.461	ng	99
75) Fluoranthene	12.657	202	1395331	39.491	ng	97
77) Benzidine	12.786	184	426093	43.558	ng	98
78) Pyrene	12.886	202	1414142	36.054	ng	100
80) Butylbenzylphthalate	13.516	149	503794	50.294	ng	98
81) Benzo(a)anthracene	14.086	228	1223032	43.654	ng	100
82) 3,3'-Dichlorobenzidine	14.051	252	202033	27.079	ng	99
83) Chrysene	14.121	228	1236147	43.655	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	684268	53.745	ng	# 99
85) Di-n-octyl phthalate	14.716	149	1394880	55.813	ng	99
87) Indeno(1,2,3-cd)pyrene	17.274	276	1111481	37.333	ng	98
88) Benzo(b)fluoranthene	15.180	252	1271586	47.514	ng	100
89) Benzo(k)fluoranthene	15.216	252	1190960	41.432	ng	99
90) Benzo(a)pyrene	15.580	252	1145333	43.428	ng	100
91) Dibenzo(a,h)anthracene	17.304	278	893031	36.976	ng	98
92) Benzo(g,h,i)perylene	17.774	276	828204	33.391	ng	98

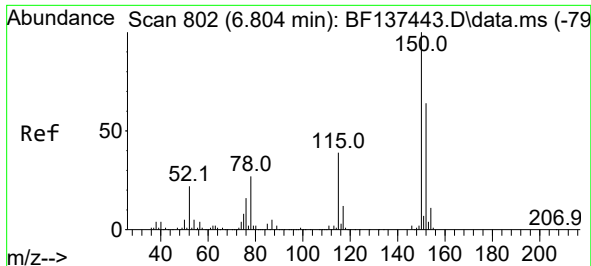
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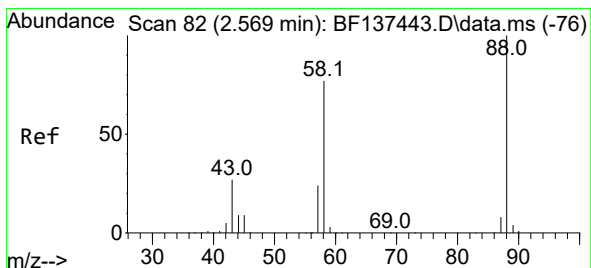
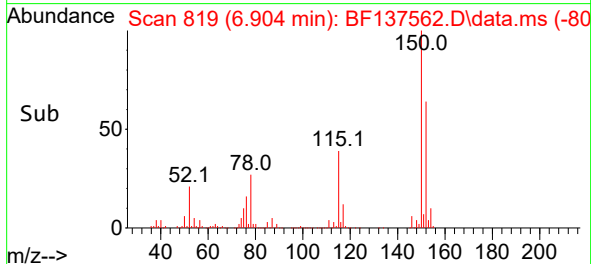
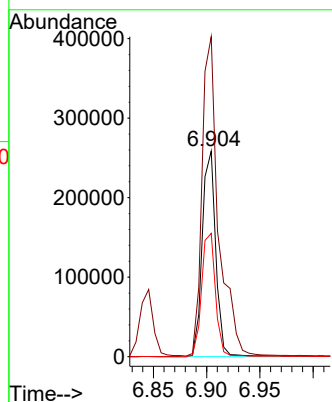
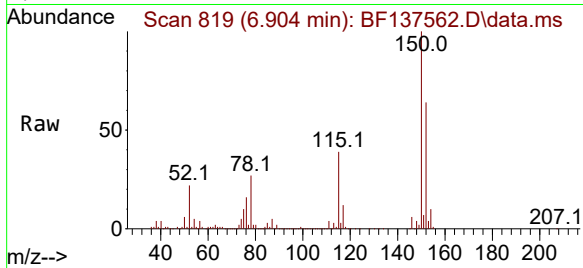




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137562.D
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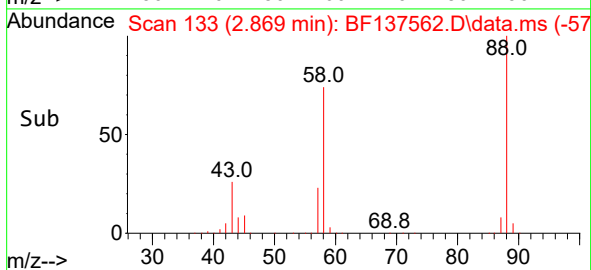
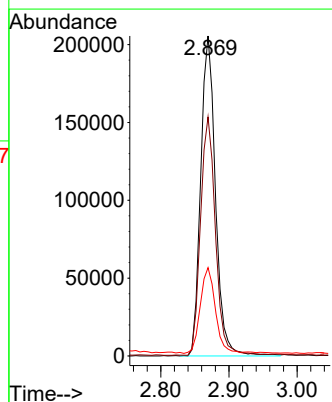
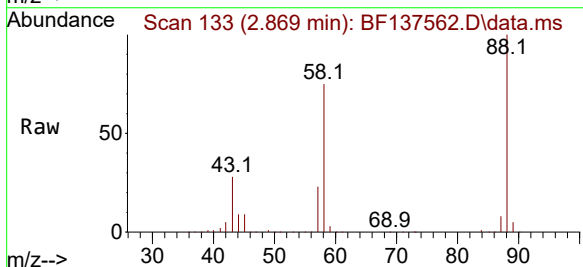
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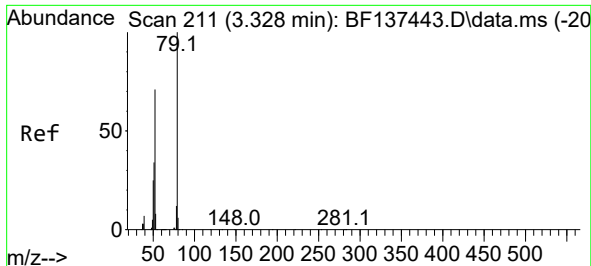
Tgt Ion:152 Resp: 230114
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.8 188.6
 115 60.0 48.8 73.2



#2
 1,4-Dioxane
 Concen: 37.413 ng
 RT: 2.869 min Scan# 133
 Delta R.T. 0.094 min
 Lab File: BF137562.D
 Acq: 11 Mar 2024 18:18

Tgt Ion: 88 Resp: 310812
 Ion Ratio Lower Upper
 88 100
 58 75.0 61.8 92.8
 43 27.5 22.2 33.4

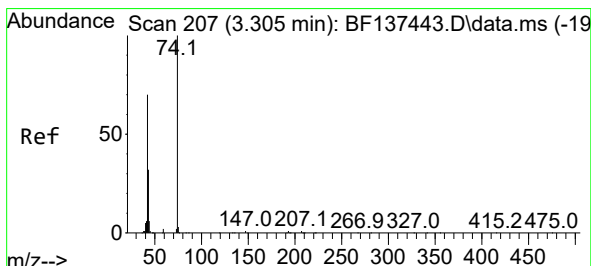
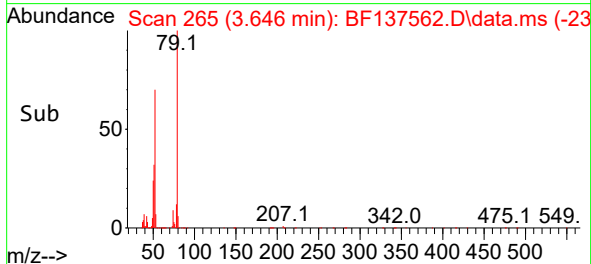
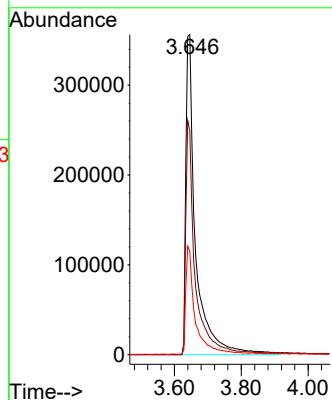
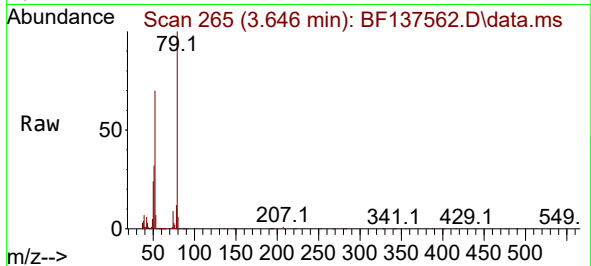




#3
Pyridine
Concen: 36.426 ng
RT: 3.646 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

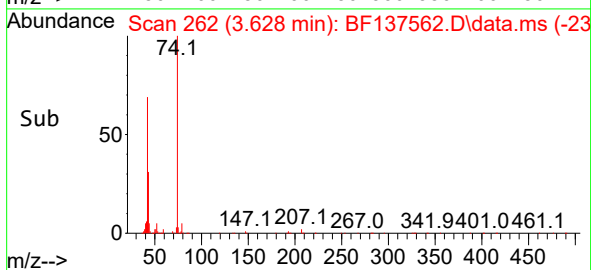
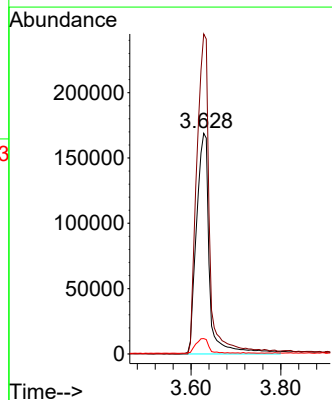
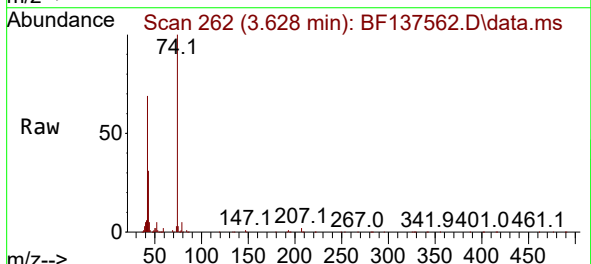
Instrument :
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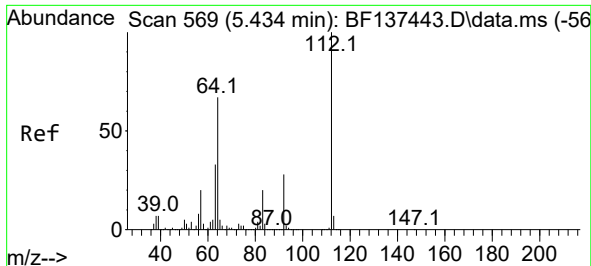
Tgt Ion: 79 Resp: 729831
Ion Ratio Lower Upper
79 100
52 69.9 57.0 85.4
51 32.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 42.393 ng
RT: 3.628 min Scan# 262
Delta R.T. 0.059 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 42 Resp: 340149
Ion Ratio Lower Upper
42 100
74 145.0 114.0 171.0
44 6.9 7.0 10.4

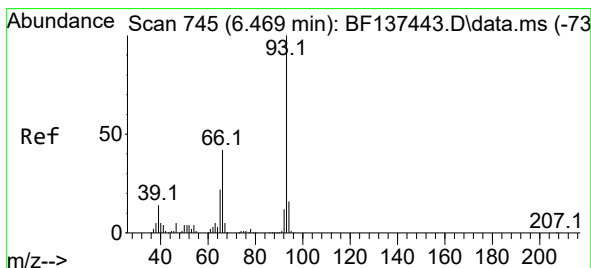
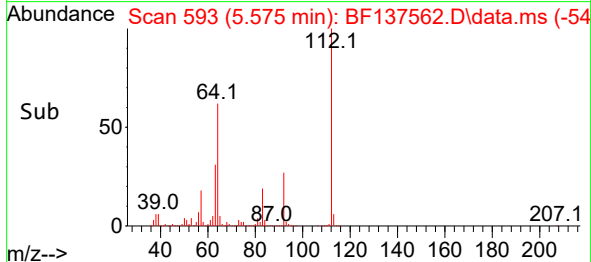
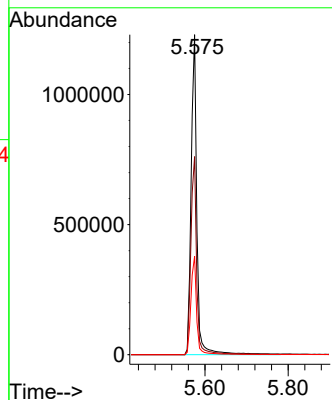
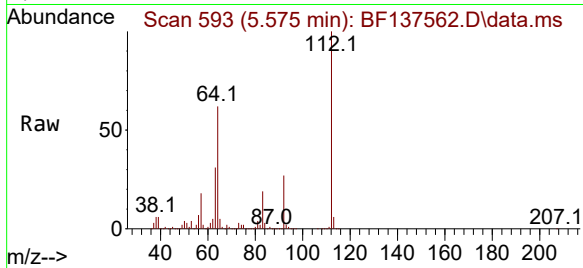




#5
2-Fluorophenol
Concen: 77.481 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

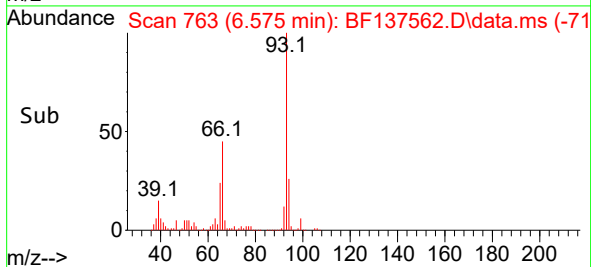
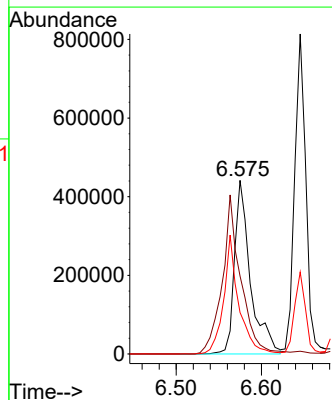
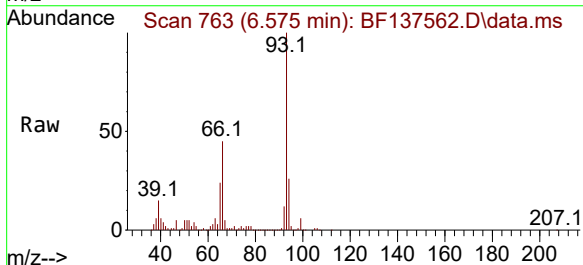
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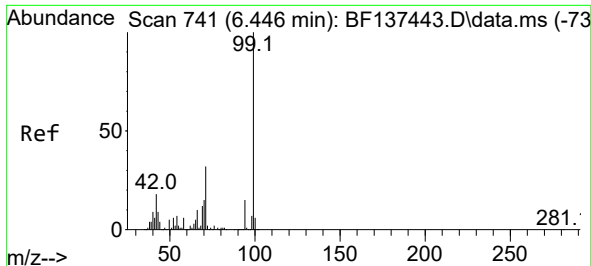
Tgt Ion:112 Resp: 1177226
Ion Ratio Lower Upper
112 100
64 61.9 53.4 80.2
63 30.8 26.2 39.2



#6
Aniline
Concen: 21.539 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 93 Resp: 577207
Ion Ratio Lower Upper
93 100
66 44.9 34.0 51.0
65 23.9 17.8 26.8

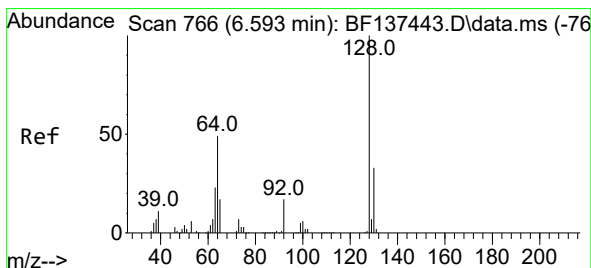
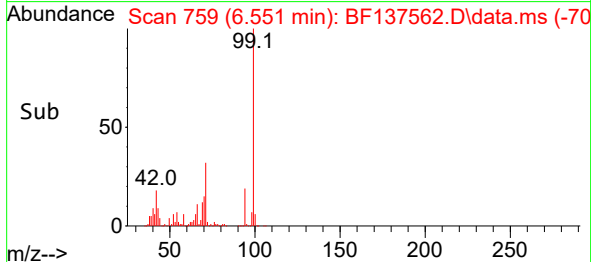
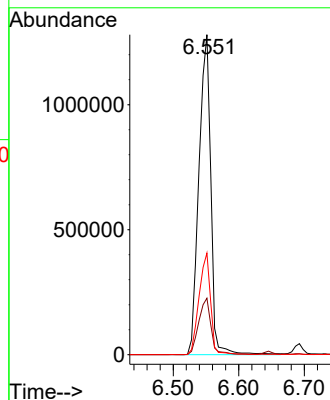
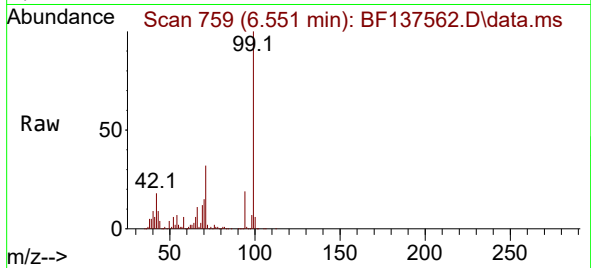




#7
Phenol-d6
Concen: 73.824 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

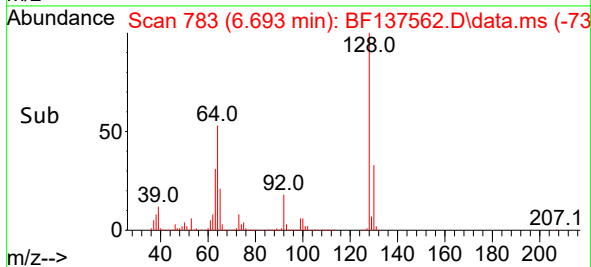
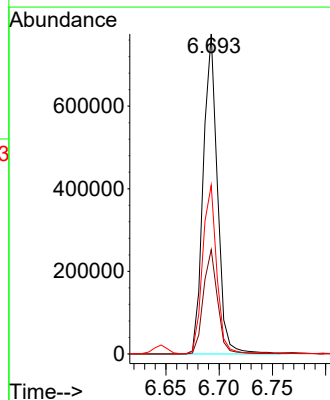
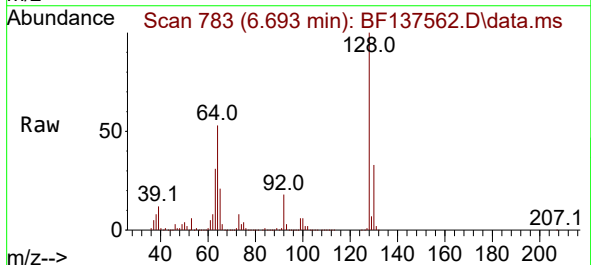
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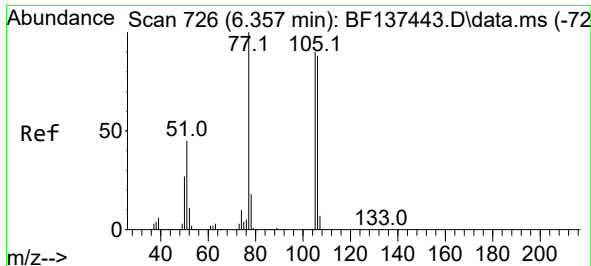
Tgt Ion: 99 Resp: 1619072
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 31.8 25.3 37.9



#8
2-Chlorophenol
Concen: 45.061 ng
RT: 6.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:128 Resp: 722127
Ion Ratio Lower Upper
128 100
130 32.6 13.4 53.4
64 52.8 30.0 70.0

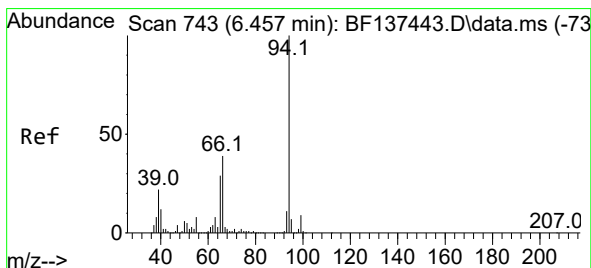
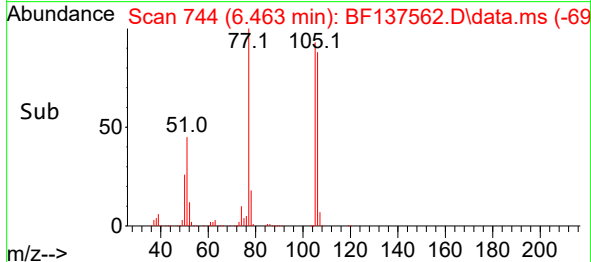
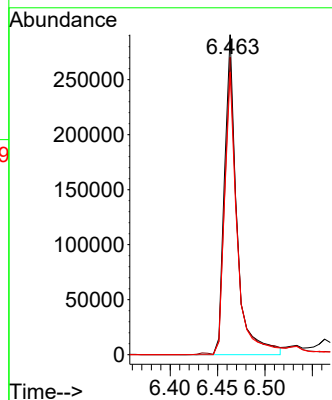
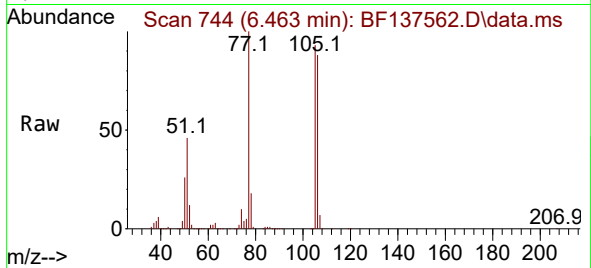




#9
Benzaldehyde
Concen: 24.484 ng
RT: 6.463 min Scan# 741
Delta R.T. -0.006 min
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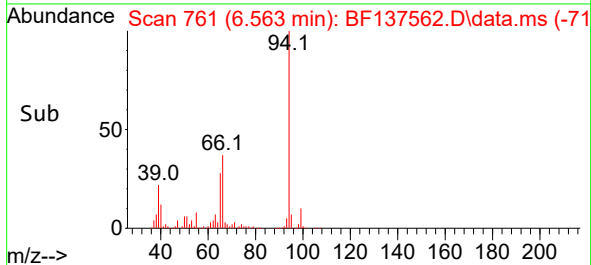
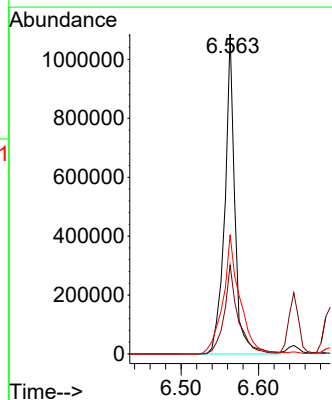
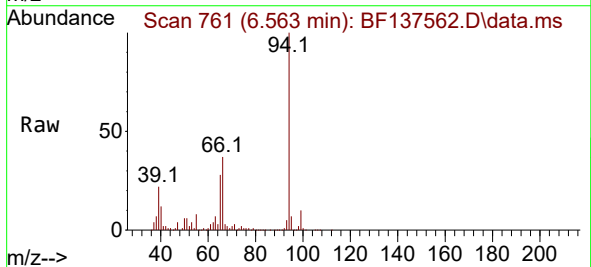
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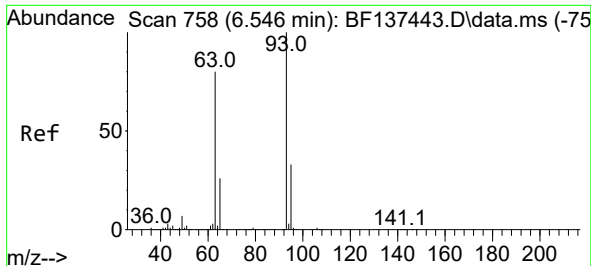
Tgt Ion: 77 Resp: 263069
Ion Ratio Lower Upper
77 100
105 93.0 69.8 109.8
106 88.3 67.8 107.8



#10
Phenol
Concen: 42.064 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 94 Resp: 992956
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 37.2 18.6 58.6

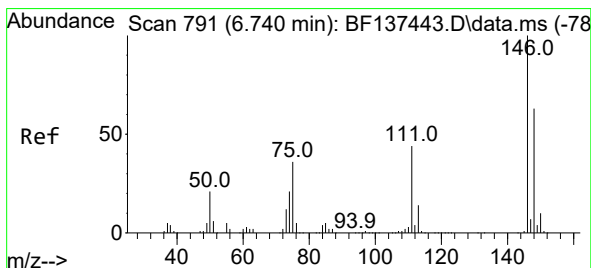
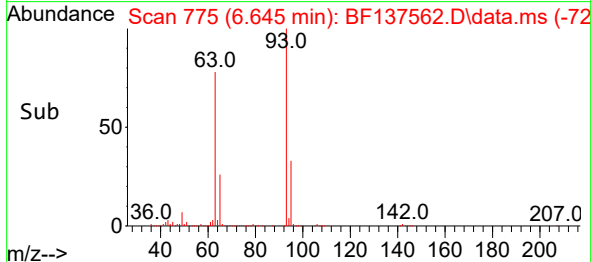
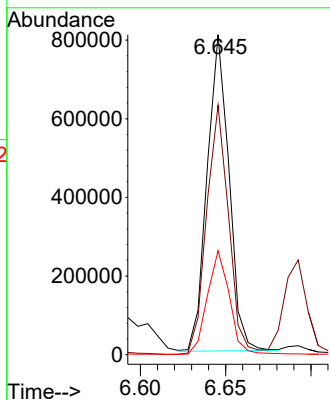
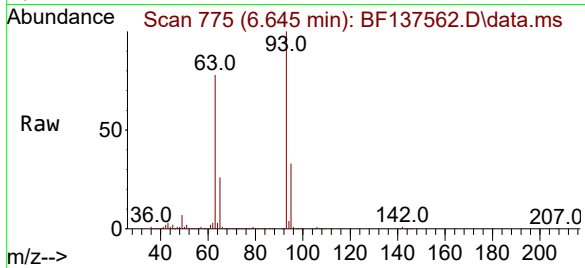




#11
bis(2-Chloroethyl)ether
Concen: 41.585 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

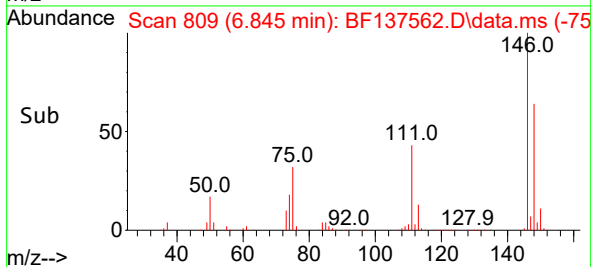
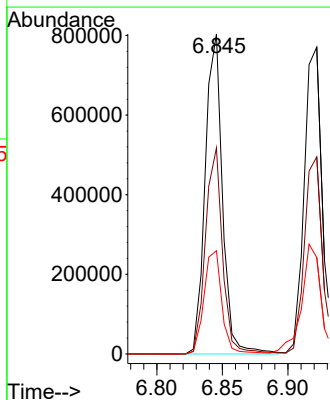
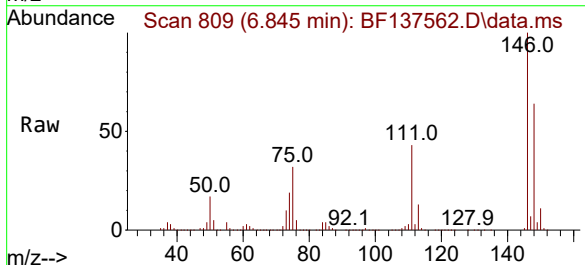
Instrument :
BNA_F
ClientSampleId :
RT3471MS

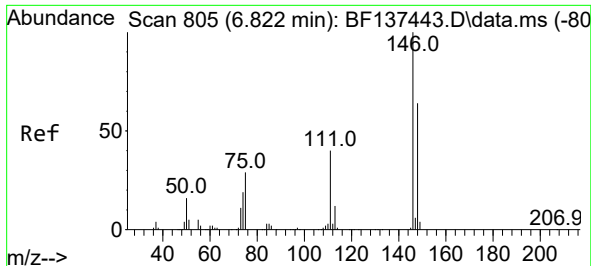
Tgt Ion: 93 Resp: 719337
Ion Ratio Lower Upper
93 100
63 77.9 58.9 98.9
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.157 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:146 Resp: 739041
Ion Ratio Lower Upper
146 100
148 64.4 50.3 75.5
75 32.2 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 43.215 ng

RT: 6.922 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

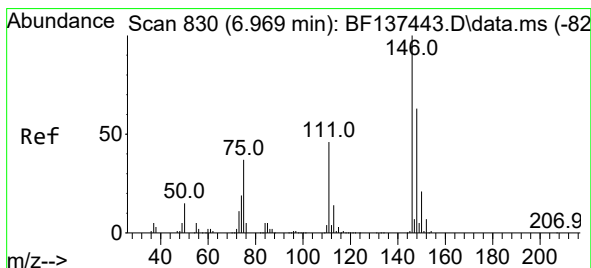
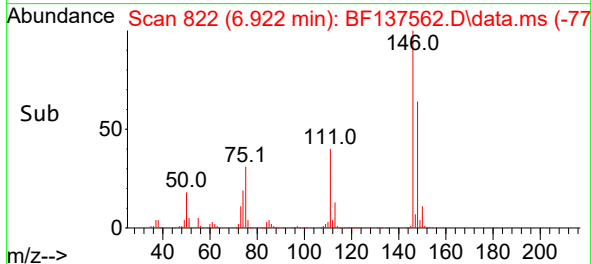
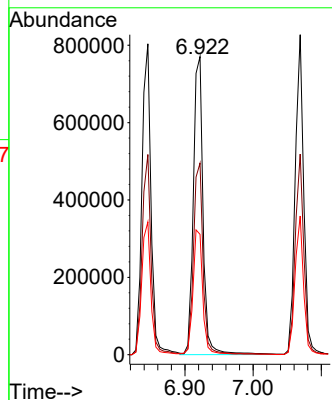
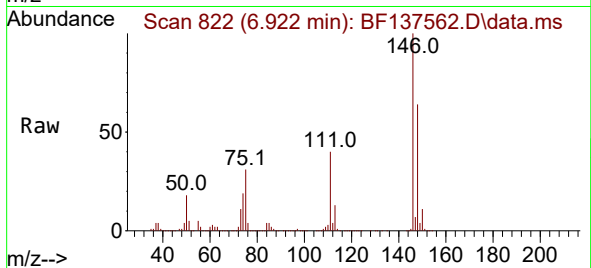
Tgt Ion:146 Resp: 757170

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

111 40.4 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 44.620 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

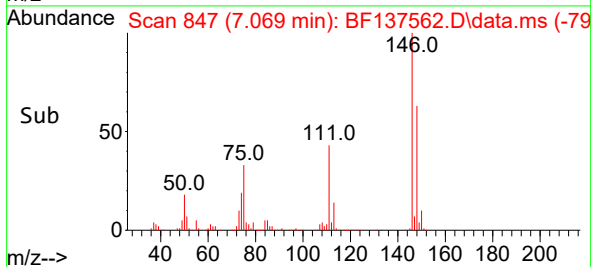
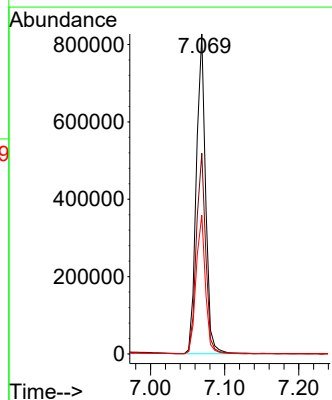
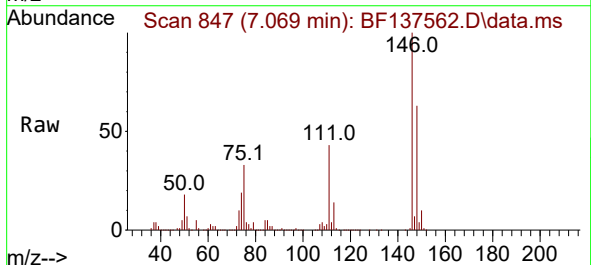
Tgt Ion:146 Resp: 717559

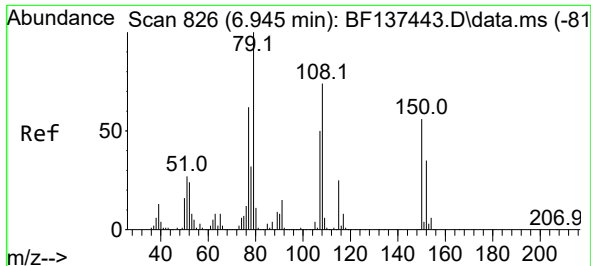
Ion Ratio Lower Upper

146 100

148 62.7 50.0 75.0

111 43.4 36.8 55.2

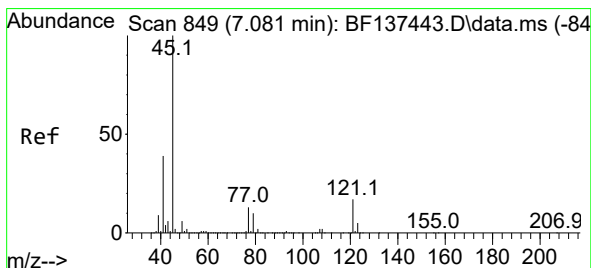
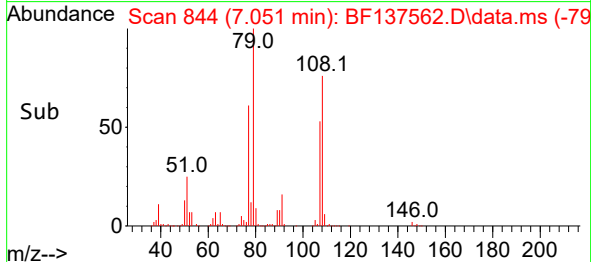
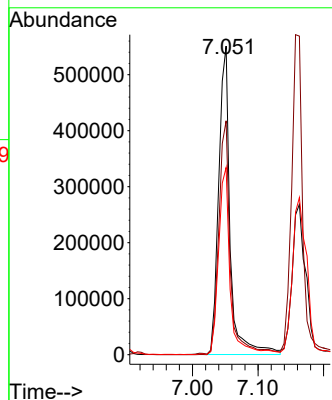
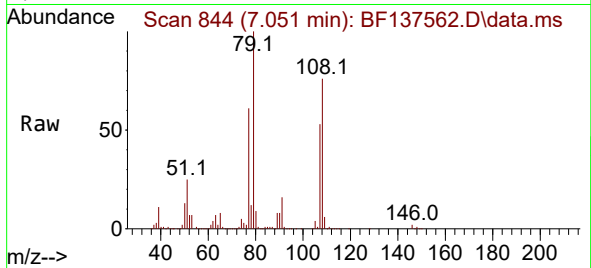




#15
Benzyl Alcohol
Concen: 48.784 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

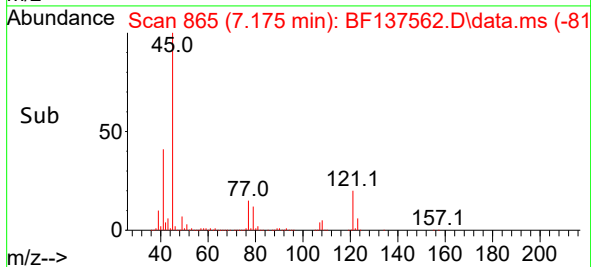
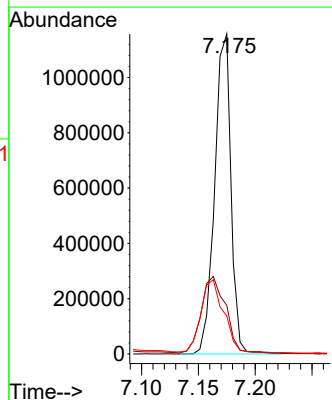
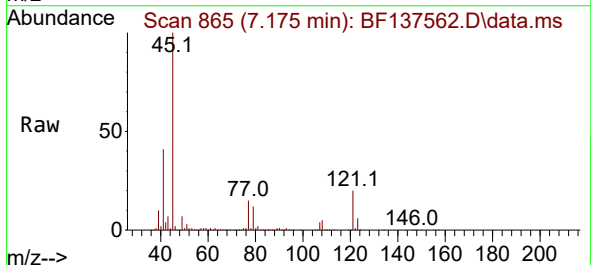
Instrument :
BNA_F
ClientSampleId :
RT3471MS

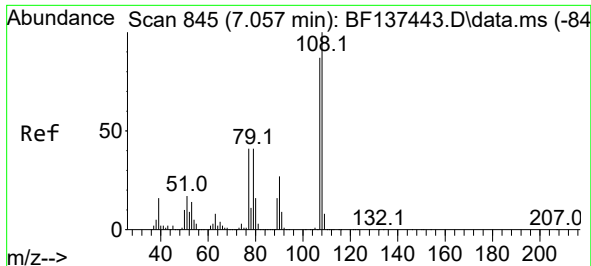
Tgt Ion: 79 Resp: 666085
Ion Ratio Lower Upper
79 100
108 75.8 59.5 89.3
77 60.7 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.830 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

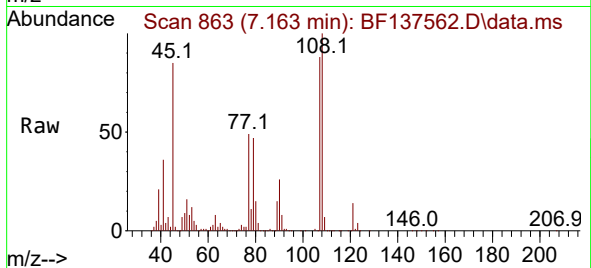
Tgt Ion: 45 Resp: 1154594
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.4
79 11.9 0.0 30.9



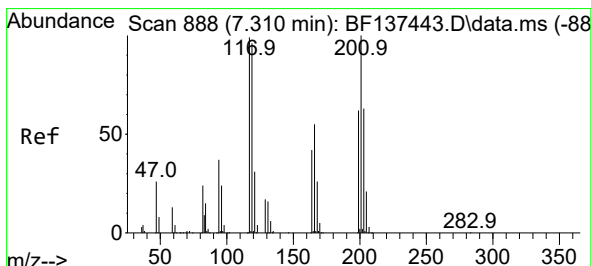
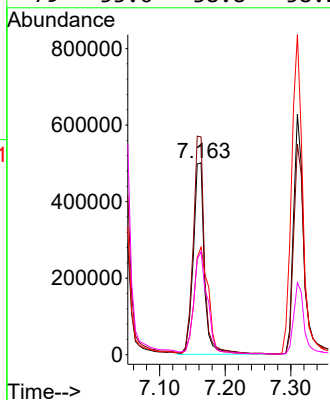
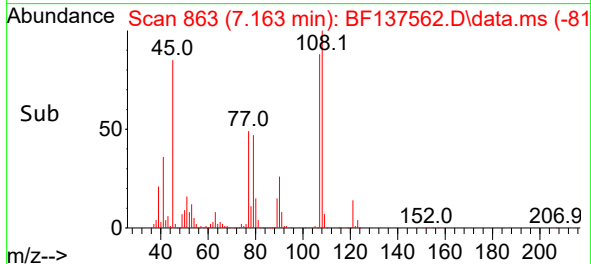


#17
2-Methylphenol
Concen: 39.433 ng
RT: 7.163 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Instrument :
BNA_F
ClientSampleId :
RT3471MS

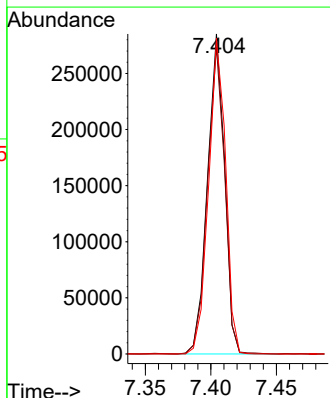
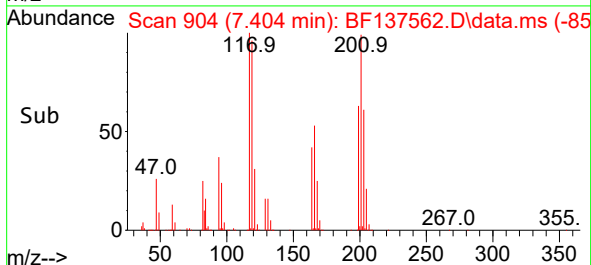
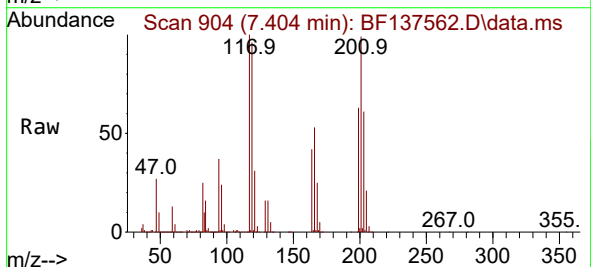


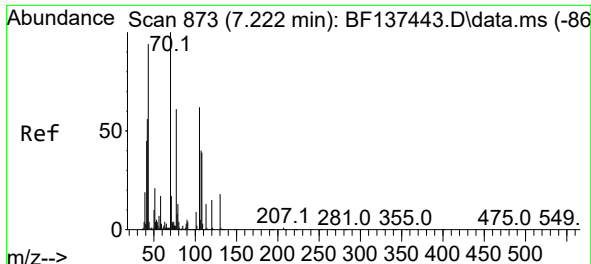
Tgt Ion:107 Resp: 591322
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 56.0 38.6 57.8
79 53.6 38.8 58.2



#18
Hexachloroethane
Concen: 44.789 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:117 Resp: 258395
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 98.6 80.6 121.0

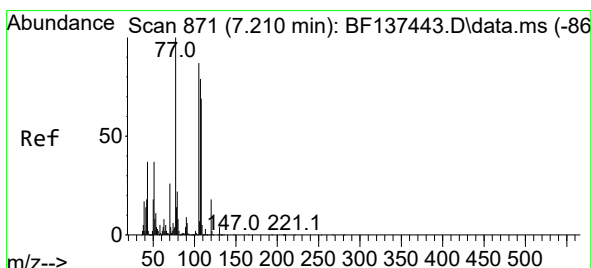
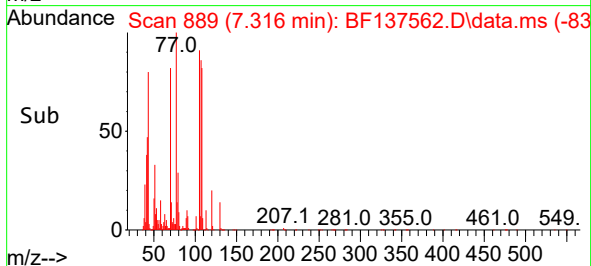
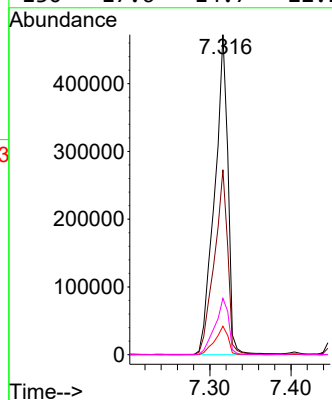
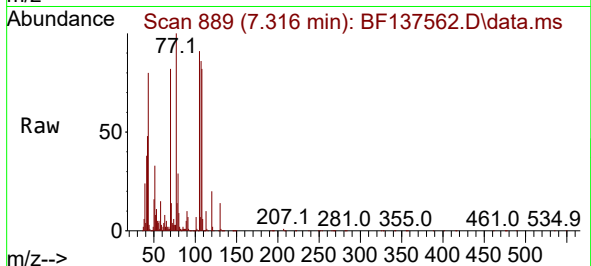




#19
n-Nitroso-di-n-propylamine
Concen: 39.919 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

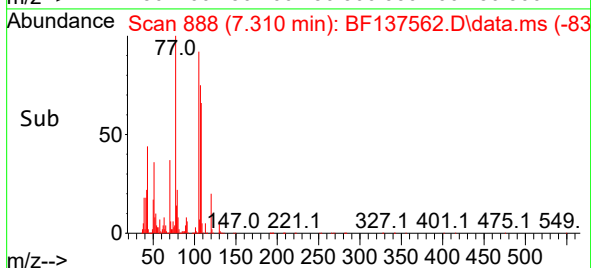
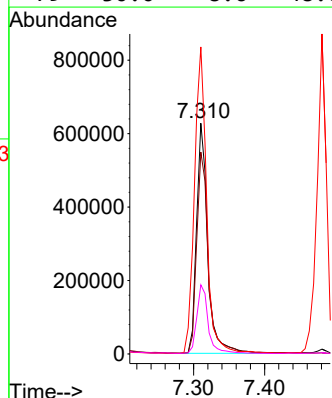
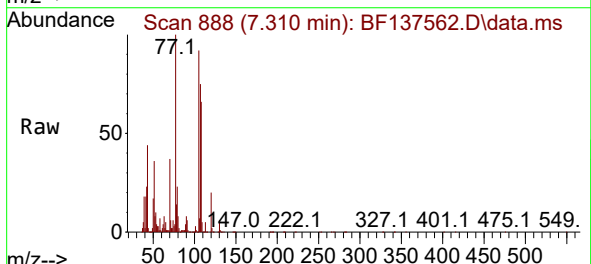
Instrument :
BNA_F
ClientSampleId :
RT3471MS

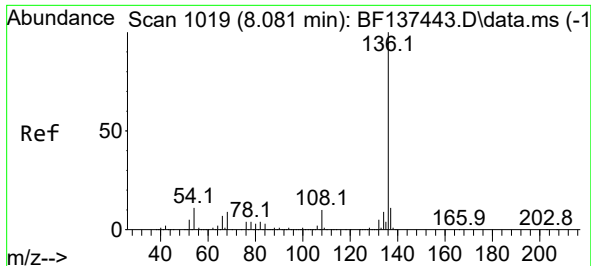
Tgt Ion:	70	Resp:	540629
Ion	Ratio	Lower	Upper
70	100		
42	57.8	45.2	67.8
101	8.9	7.3	10.9
130	17.6	14.7	22.1



#20
3+4-Methylphenols
Concen: 40.147 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:	107	Resp:	689481
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.6	107.6
77	133.0	107.1	147.1
79	30.0	8.6	48.6

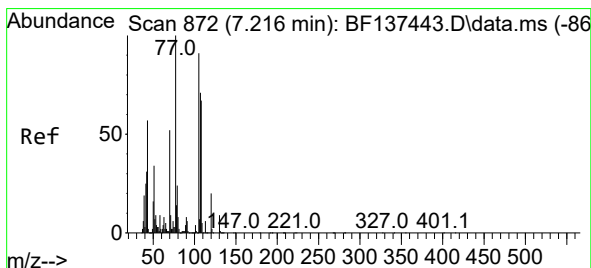
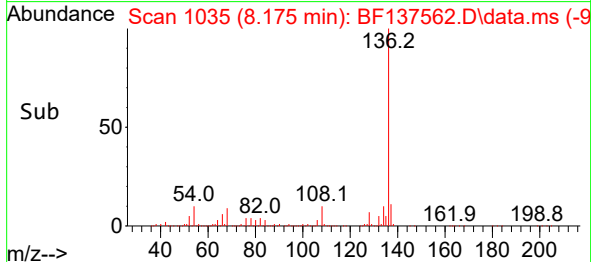
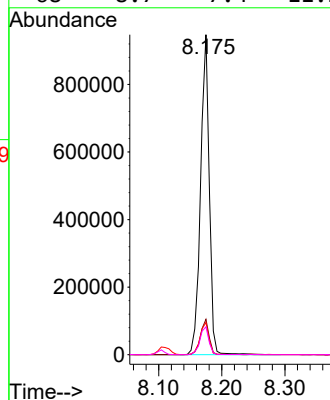
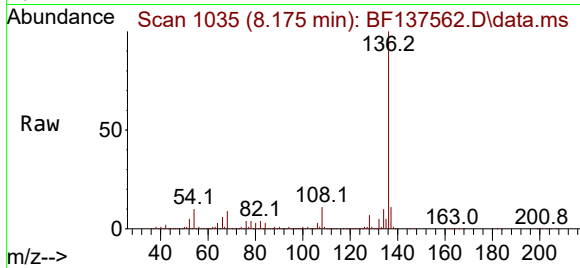




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

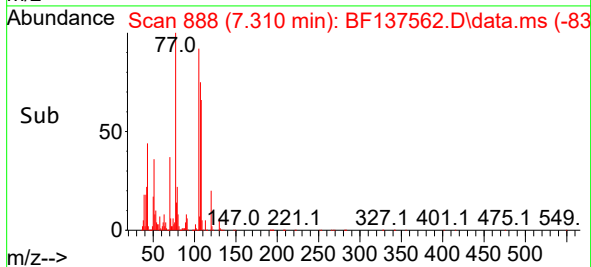
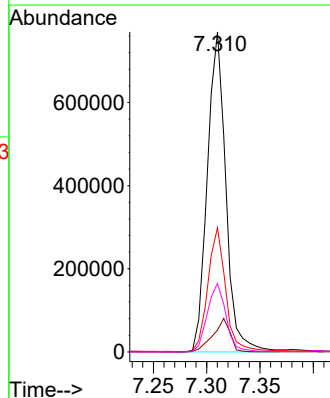
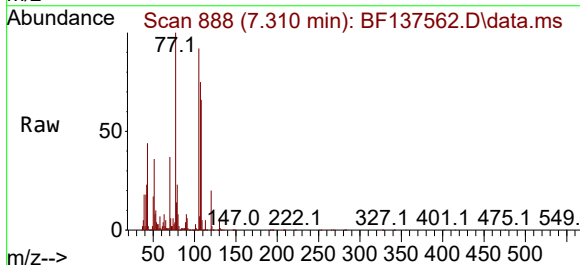
Instrument :
BNA_F
ClientSampleId :
RT3471MS

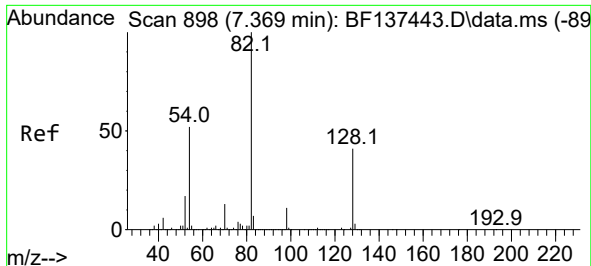
Tgt Ion:136 Resp: 904212
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 8.5 12.7
68 8.7 7.4 11.2



#22
Acetophenone
Concen: 42.587 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:105 Resp: 931704
Ion Ratio Lower Upper
105 100
71 6.8 7.7 11.5#
51 38.9 30.4 45.6
120 21.5 17.4 26.0

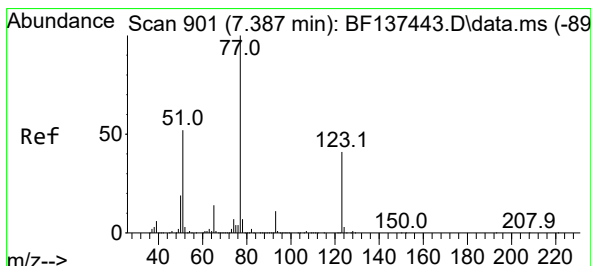
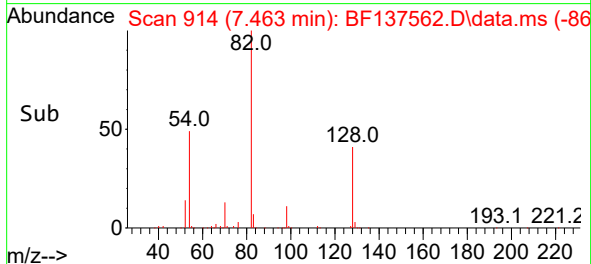
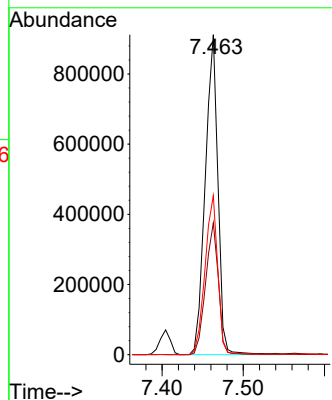
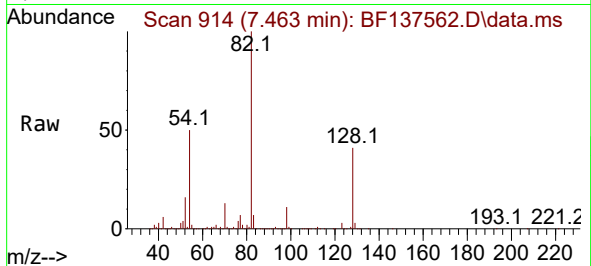




#23
Nitrobenzene-d5
Concen: 50.686 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

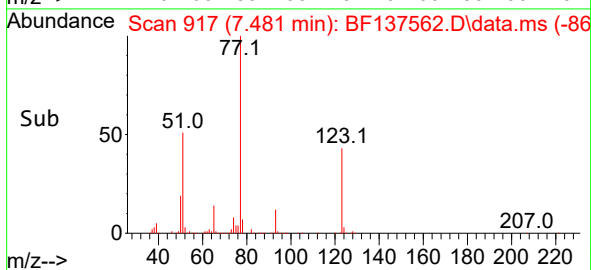
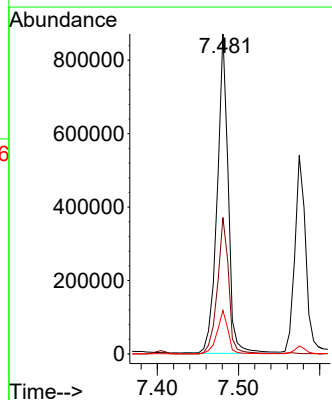
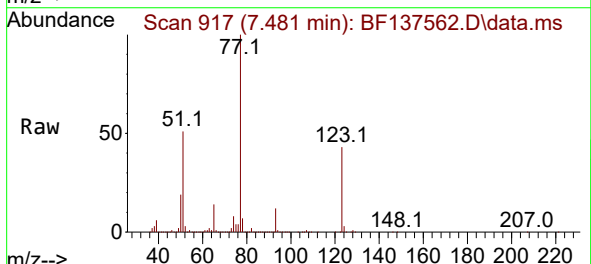
Instrument :
BNA_F
ClientSampleId :
RT3471MS

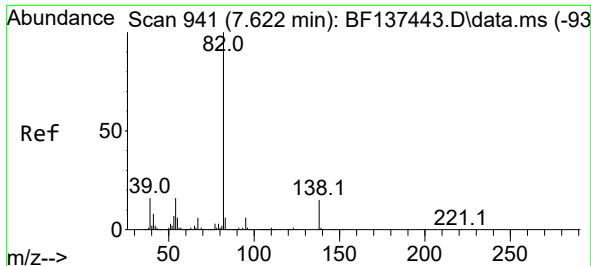
Tgt Ion: 82 Resp: 986370
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 49.7 41.5 62.3



#24
Nitrobenzene
Concen: 42.071 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 77 Resp: 822457
Ion Ratio Lower Upper
77 100
123 42.6 33.0 49.6
65 13.6 10.9 16.3

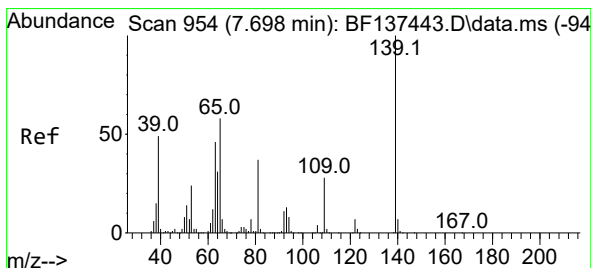
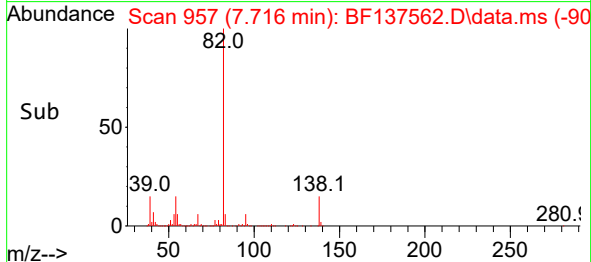
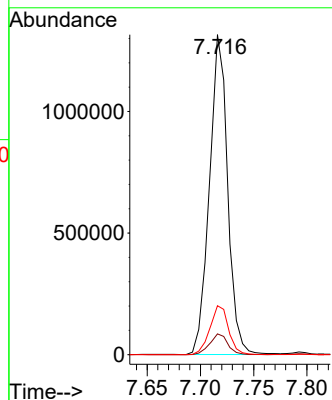
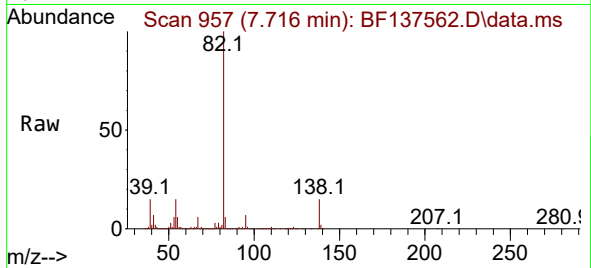




#25
Isophorone
Concen: 42.412 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

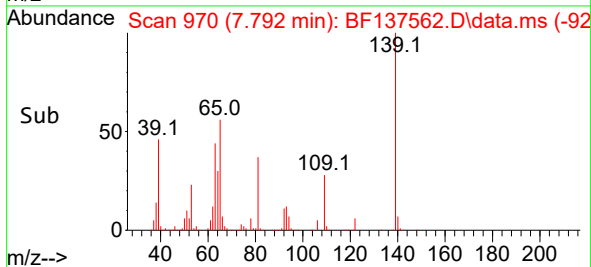
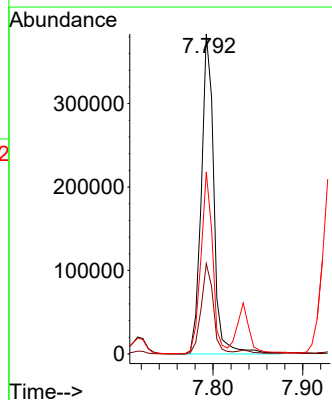
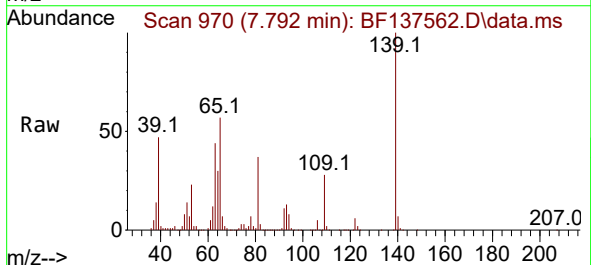
Instrument :
BNA_F
ClientSampleId :
RT3471MS

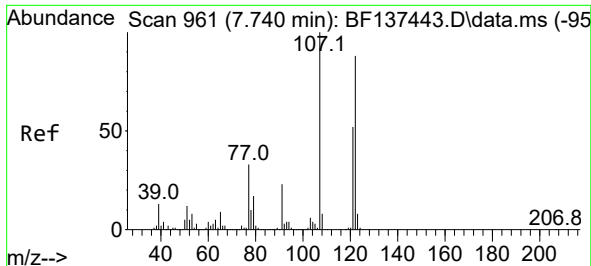
Tgt Ion: 82 Resp: 1568044
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.3 11.8 17.8



#26
2-Nitrophenol
Concen: 47.971 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 139 Resp: 372314
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 56.9 46.2 69.2

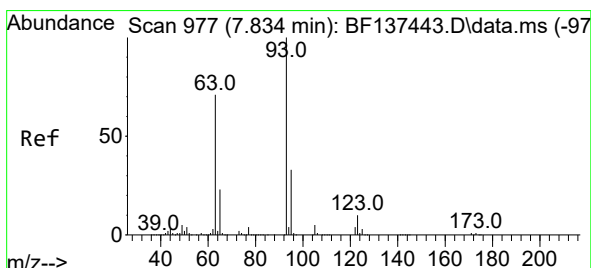
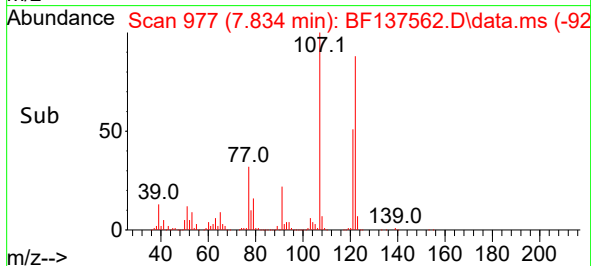
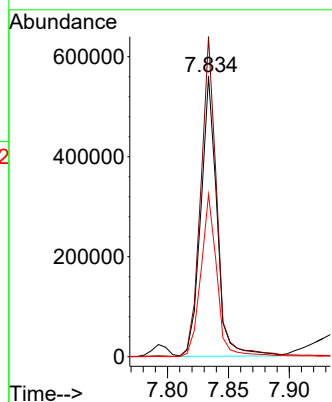
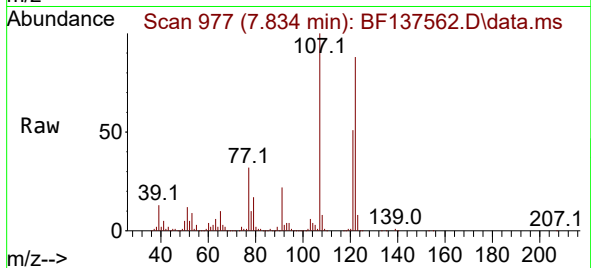




#27
2,4-Dimethylphenol
Concen: 35.443 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

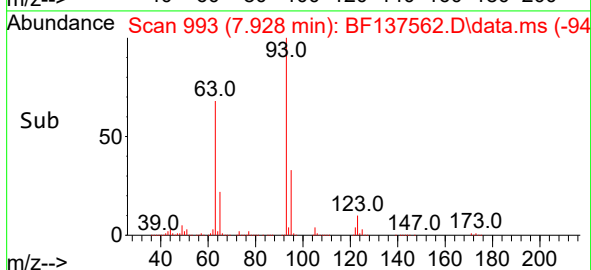
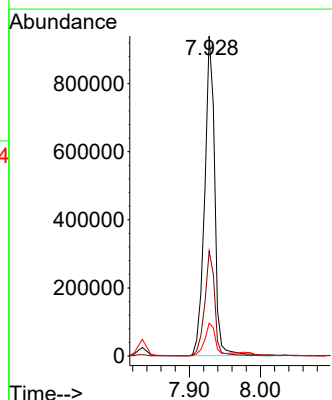
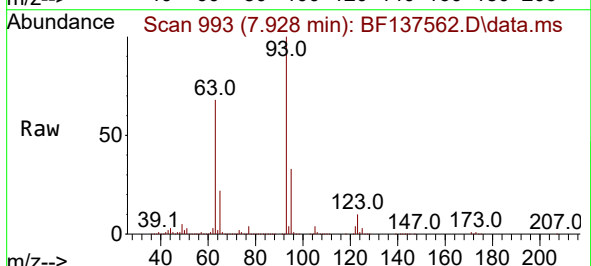
Instrument :
BNA_F
ClientSampleId :
RT3471MS

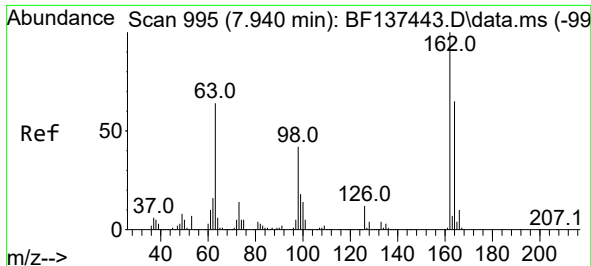
Tgt Ion:122 Resp: 514001
Ion Ratio Lower Upper
122 100
107 114.2 90.9 136.3
121 57.9 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.886 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 93 Resp: 930309
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.036 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

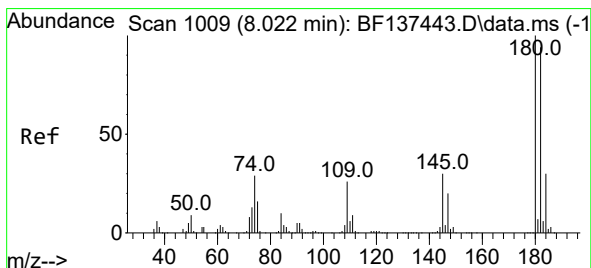
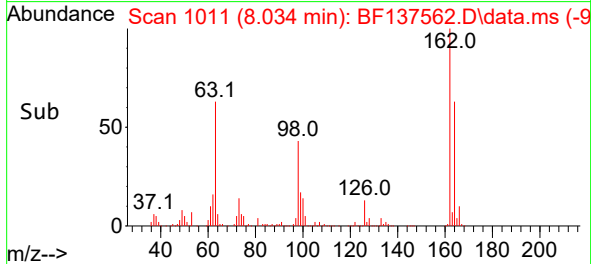
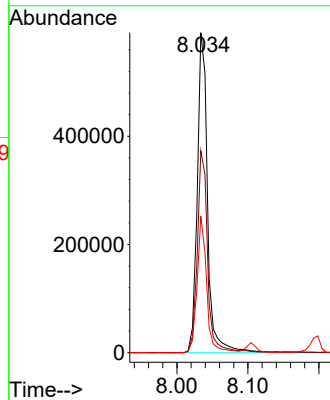
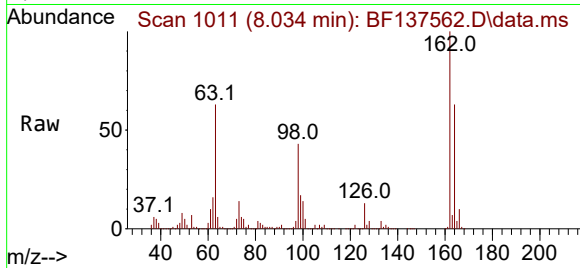
Tgt Ion:162 Resp: 599421

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 42.7 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 44.054 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

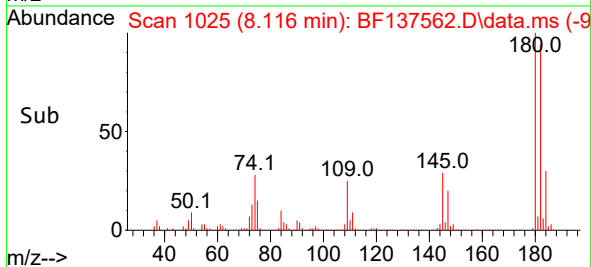
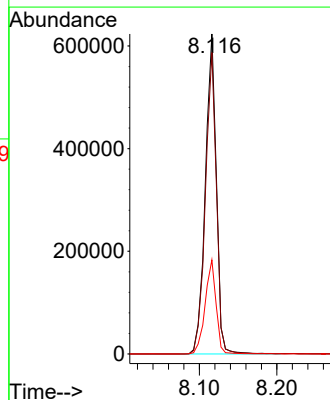
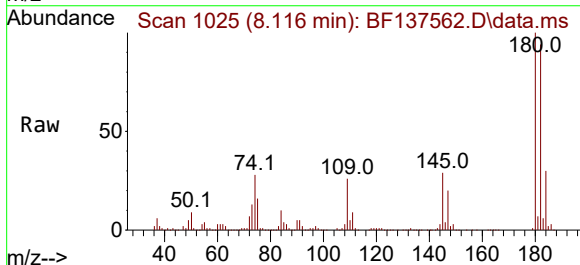
Tgt Ion:180 Resp: 617042

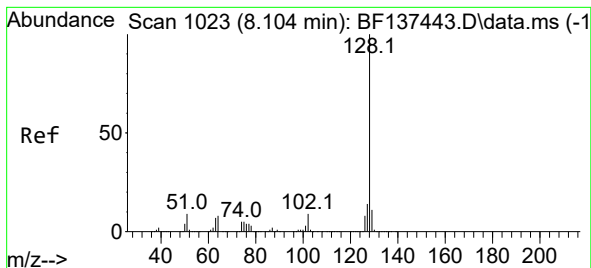
Ion Ratio Lower Upper

180 100

182 94.2 75.0 112.6

145 29.4 23.7 35.5





#31

Naphthalene

Concen: 41.473 ng

RT: 8.198 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

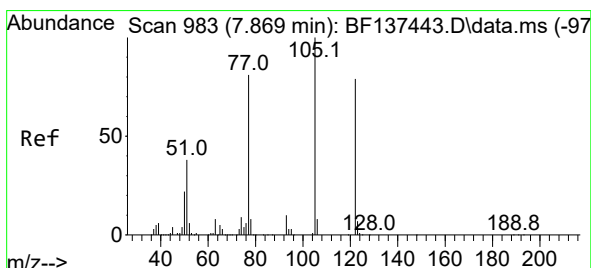
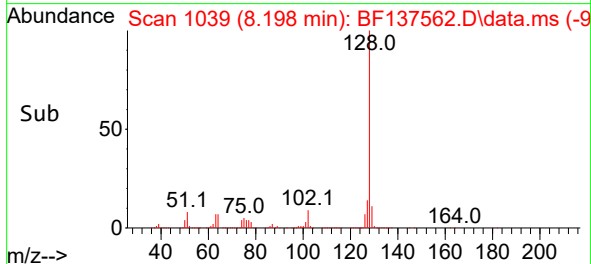
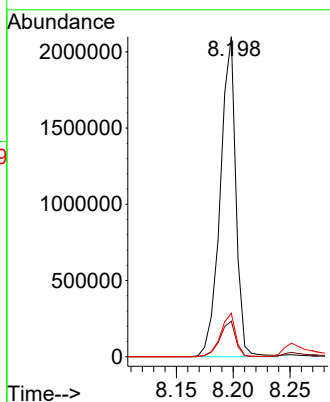
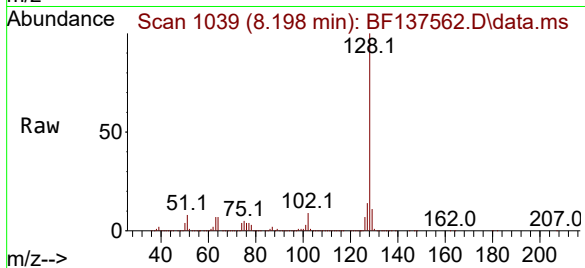
Tgt Ion:128 Resp: 2012025

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 45.558 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

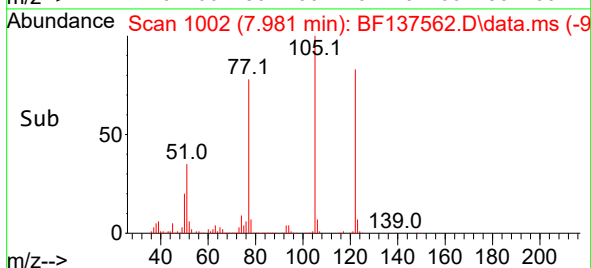
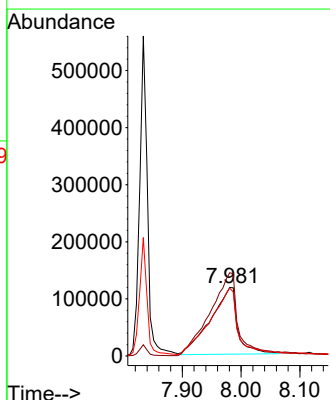
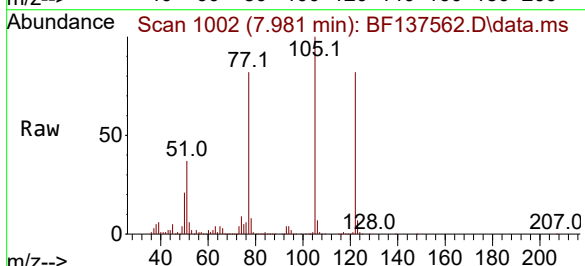
Tgt Ion:122 Resp: 377399

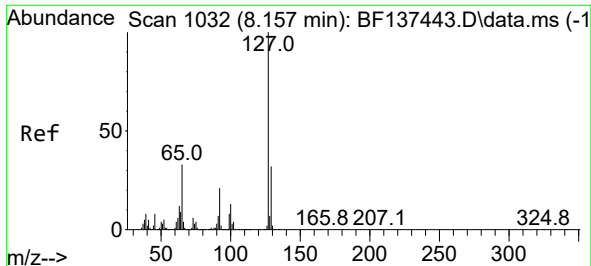
Ion Ratio Lower Upper

122 100

105 121.3 102.4 142.4

77 98.9 81.1 121.1





#33

4-Chloroaniline

Concen: 8.325 ng

RT: 8.251 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

Tgt Ion:127 Resp: 158374

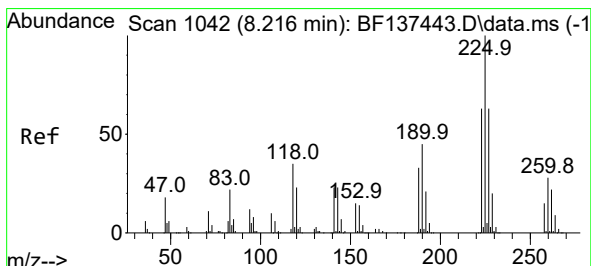
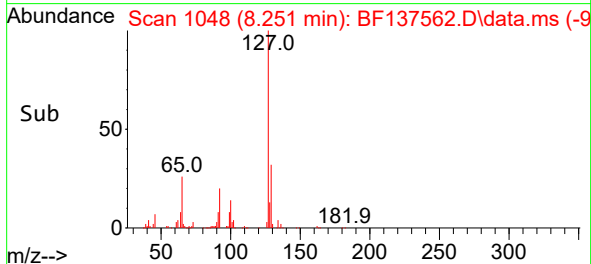
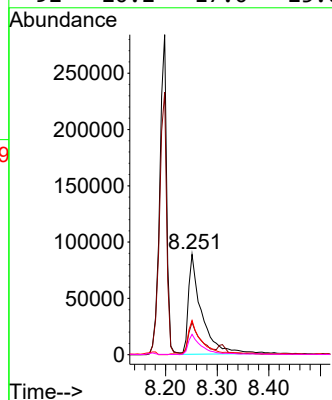
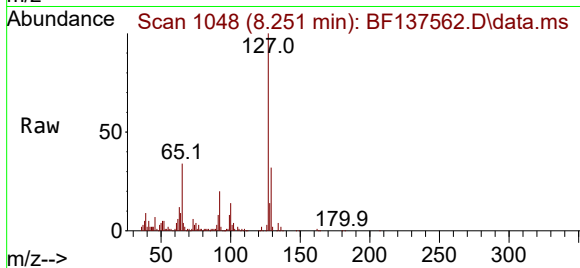
Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 34.1 26.8 40.2

92 20.2 17.0 25.6



#34

Hexachlorobutadiene

Concen: 43.874 ng

RT: 8.310 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

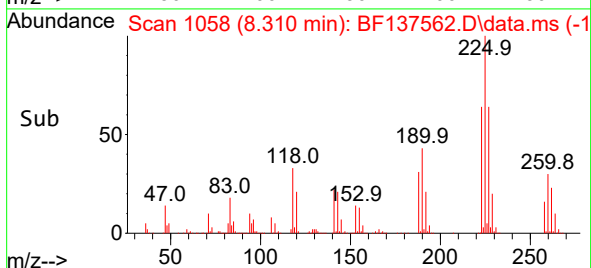
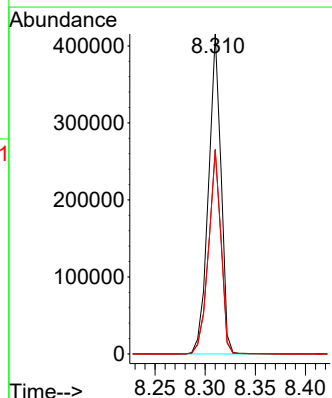
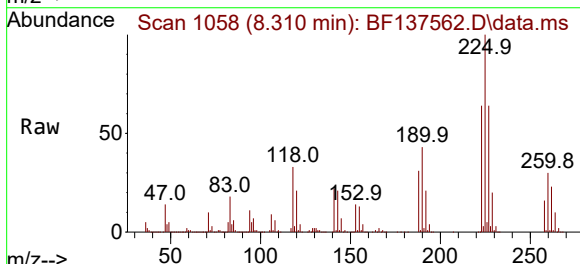
Tgt Ion:225 Resp: 362797

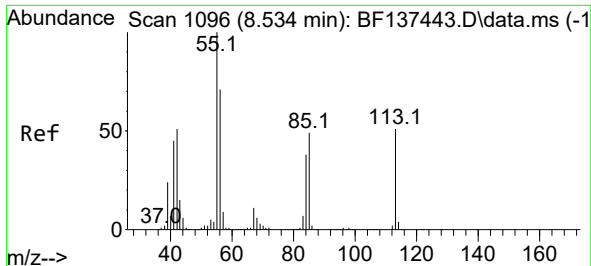
Ion Ratio Lower Upper

225 100

223 63.9 50.7 76.1

227 63.6 50.6 75.8

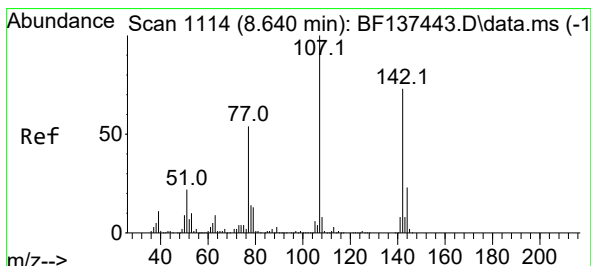
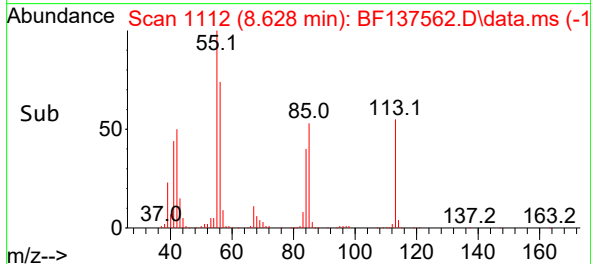
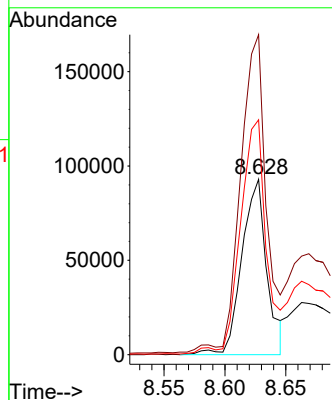
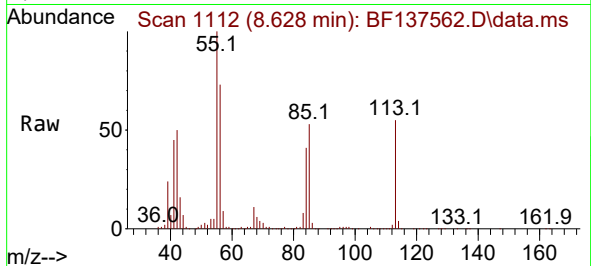




#35
Caprolactam
Concen: 29.377 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

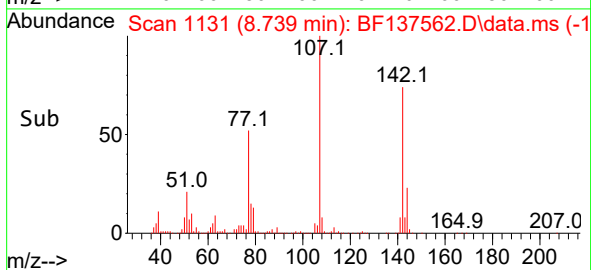
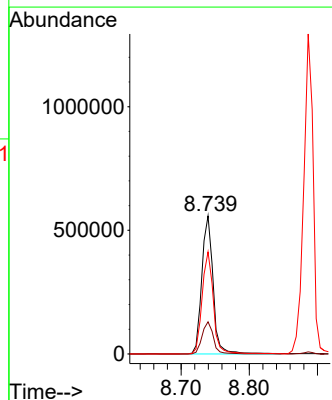
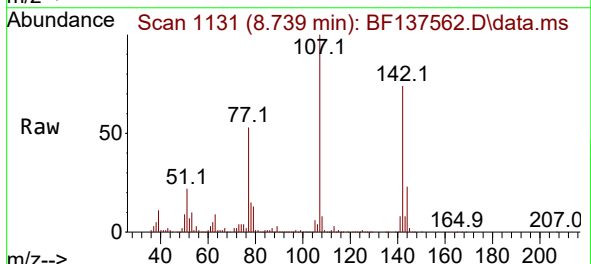
Instrument :
BNA_F
ClientSampleId :
RT3471MS

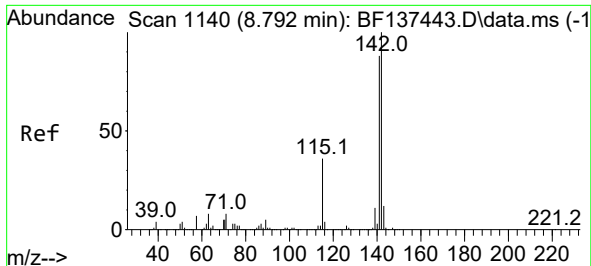
Tgt Ion:113 Resp: 132582
Ion Ratio Lower Upper
113 100
55 182.4 176.7 216.7
56 133.9 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 43.357 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:107 Resp: 645036
Ion Ratio Lower Upper
107 100
144 23.2 18.7 28.1
142 73.9 58.2 87.2

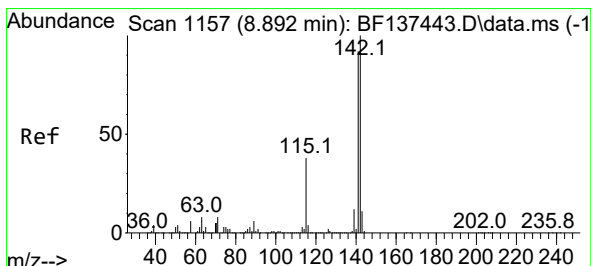
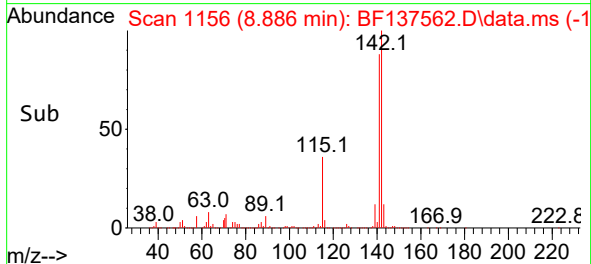
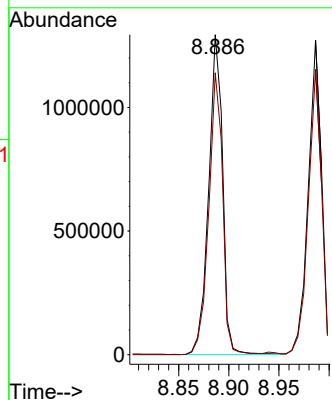
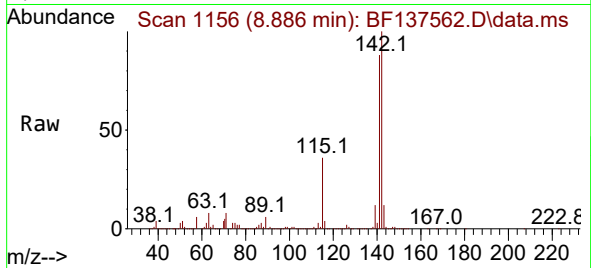




#37
2-Methylnaphthalene
Concen: 40.530 ng
RT: 8.886 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

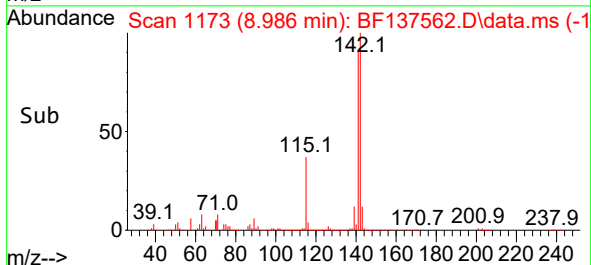
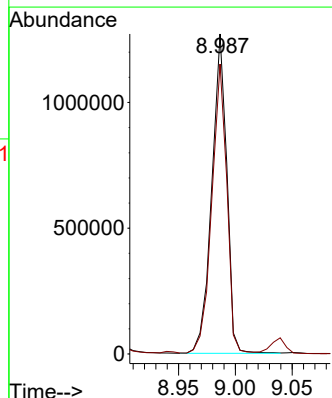
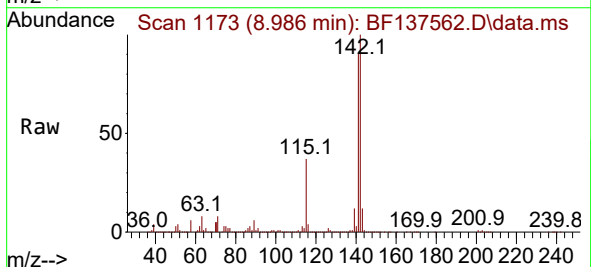
Instrument :
BNA_F
ClientSampleId :
RT3471MS

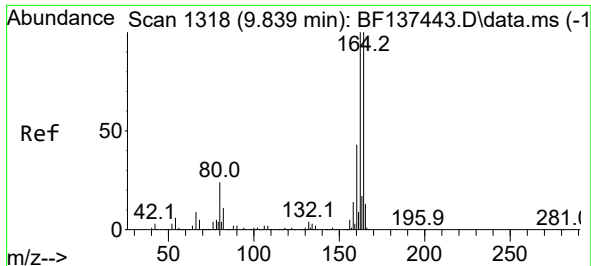
Tgt Ion:142 Resp: 1253482
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6



#38
1-Methylnaphthalene
Concen: 39.917 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:142 Resp: 1162604
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2

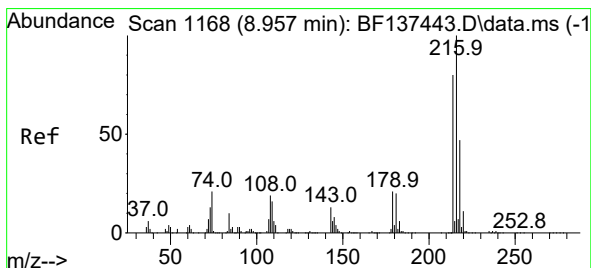
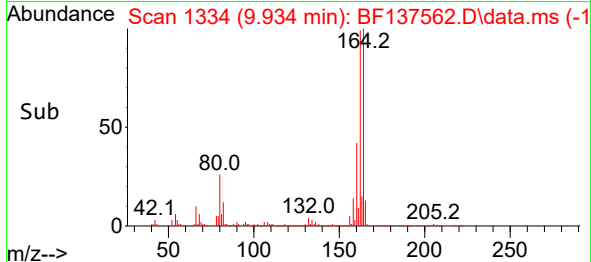
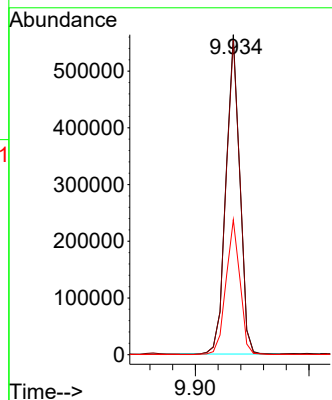
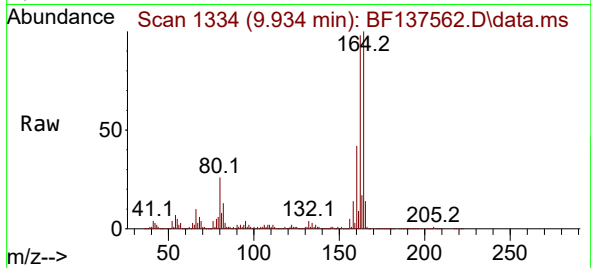




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

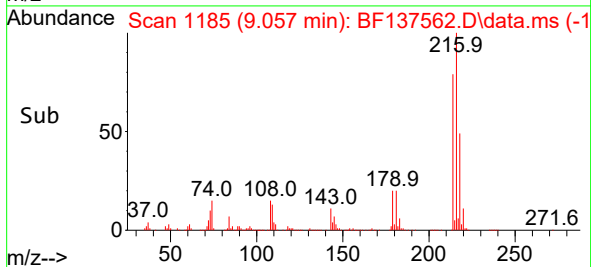
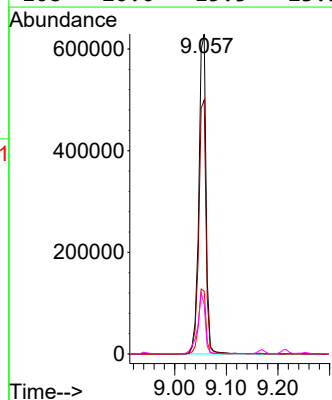
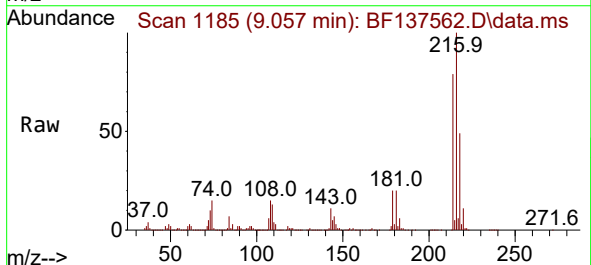
Instrument :
BNA_F
ClientSampleId :
RT3471MS

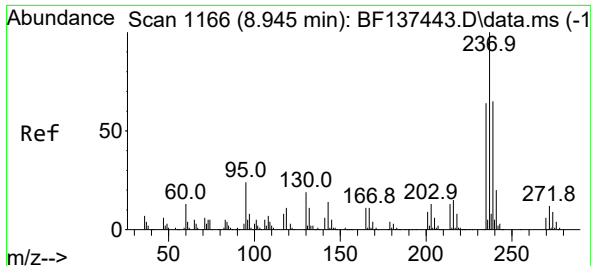
Tgt Ion:164 Resp: 475861
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.8
160 42.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.677 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

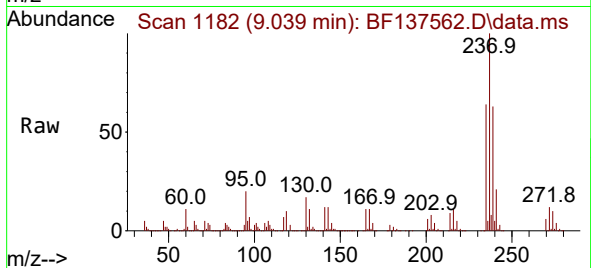
Tgt Ion:216 Resp: 606819
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 20.4 16.6 25.0
108 20.0 15.5 23.3



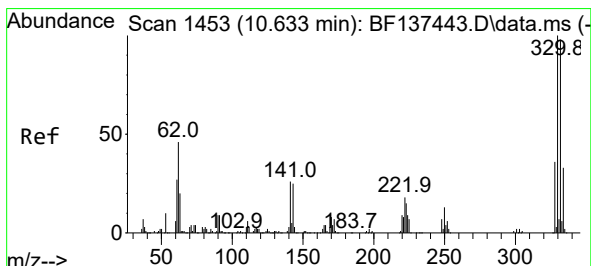
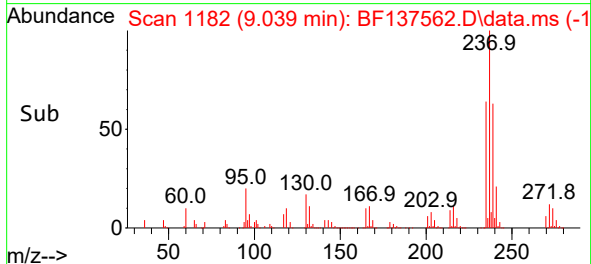
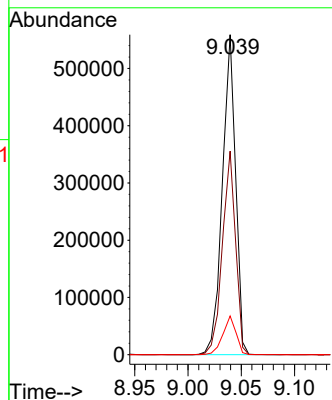


#41
Hexachlorocyclopentadiene
Concen: 87.863 ng
RT: 9.039 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Instrument :
BNA_F
ClientSampleId :
RT3471MS

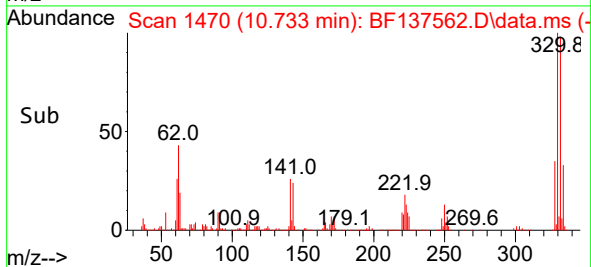
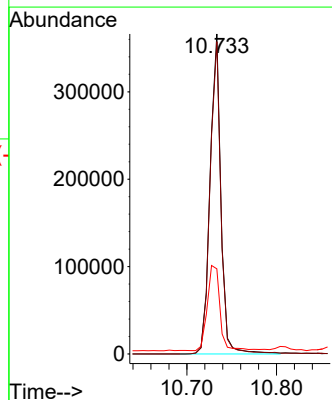
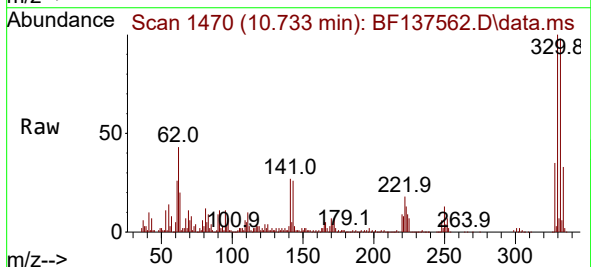


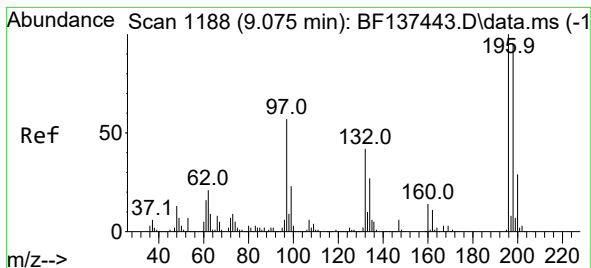
Tgt Ion: 237 Resp: 481245
Ion Ratio Lower Upper
237 100
235 63.6 43.6 83.6
272 12.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 73.311 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 330 Resp: 306357
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 31.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 46.803 ng

RT: 9.169 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

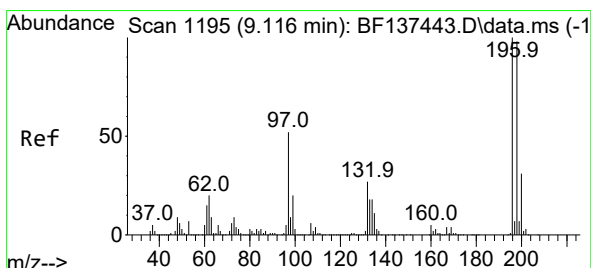
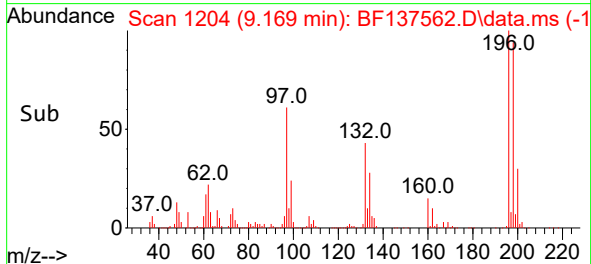
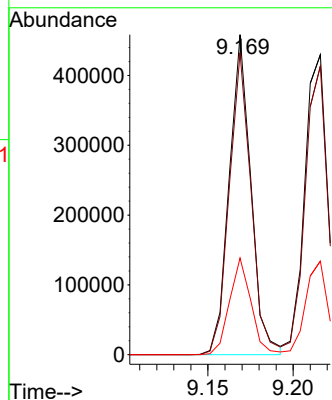
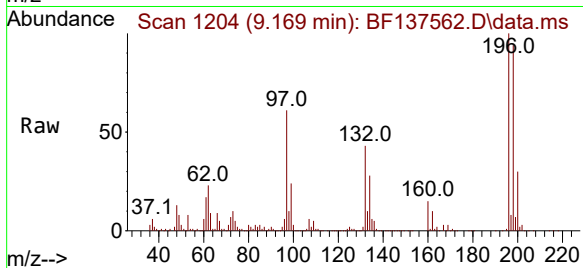
Tgt Ion:196 Resp: 404899

Ion Ratio Lower Upper

196 100

198 94.4 75.8 113.8

200 30.2 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 43.210 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Tgt Ion:196 Resp: 430614

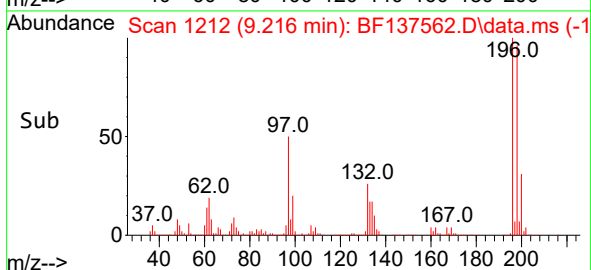
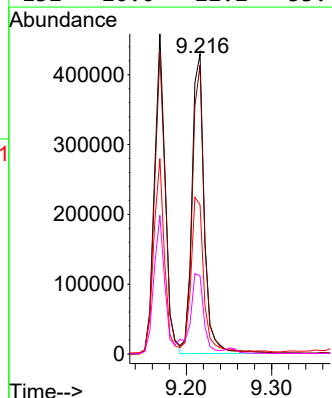
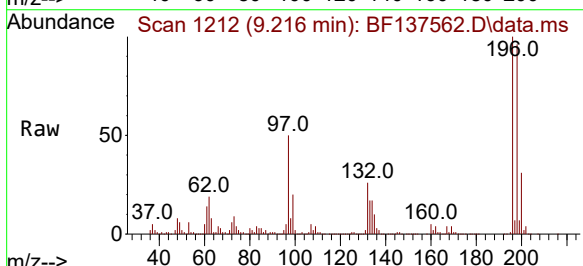
Ion Ratio Lower Upper

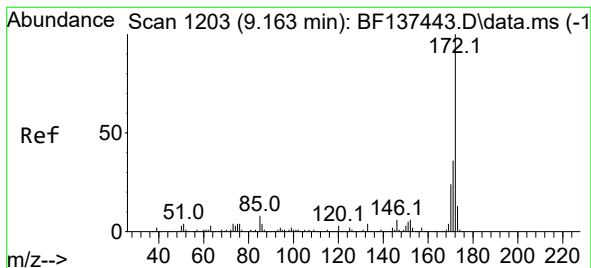
196 100

198 96.2 78.6 117.8

97 49.7 41.8 62.8

132 26.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 51.017 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

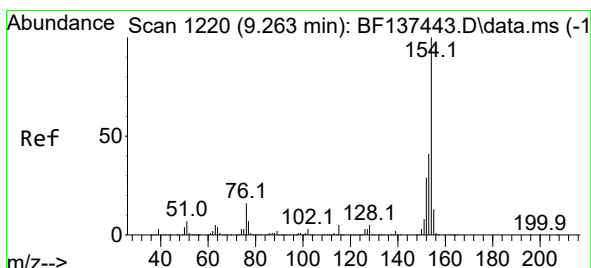
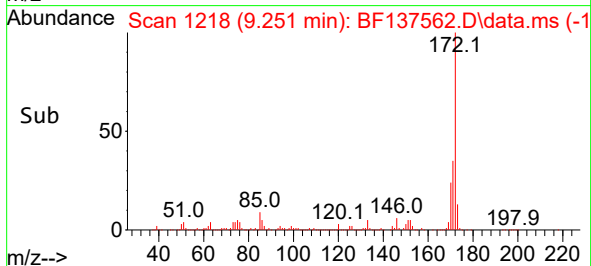
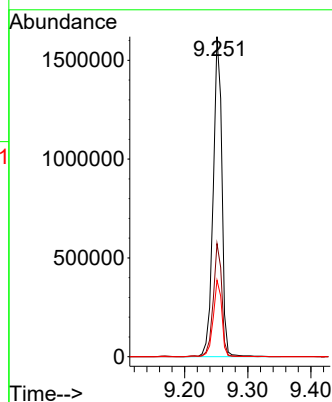
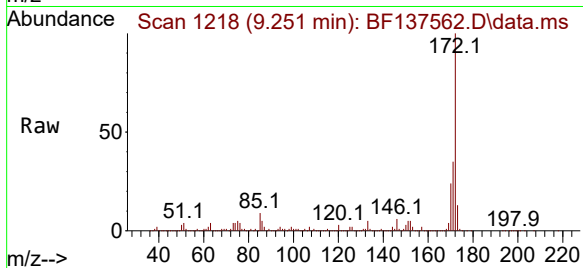
Tgt Ion:172 Resp: 1550873

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.615 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

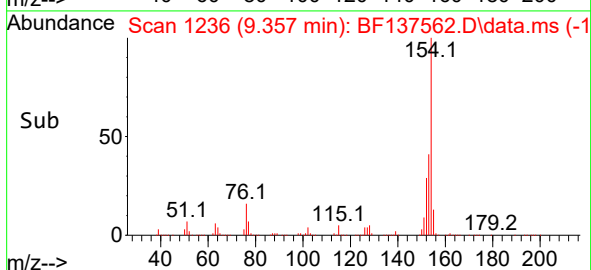
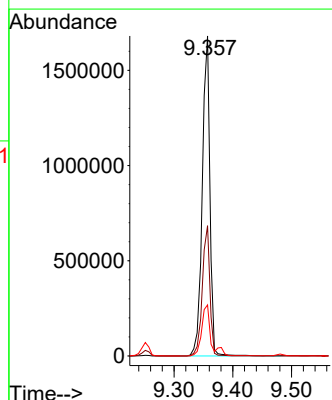
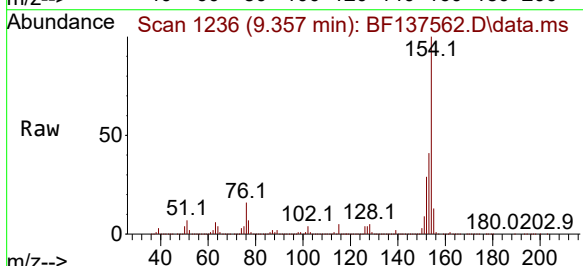
Tgt Ion:154 Resp: 1519067

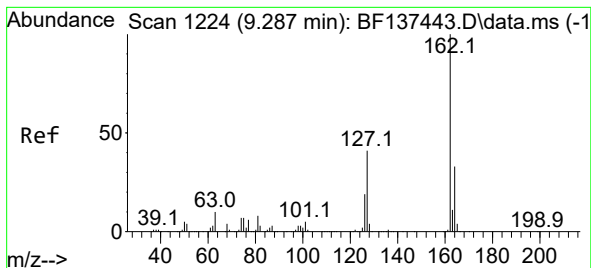
Ion Ratio Lower Upper

154 100

153 40.7 21.0 61.0

76 16.0 0.0 35.8





#47

2-Chloronaphthalene

Concen: 44.822 ng

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

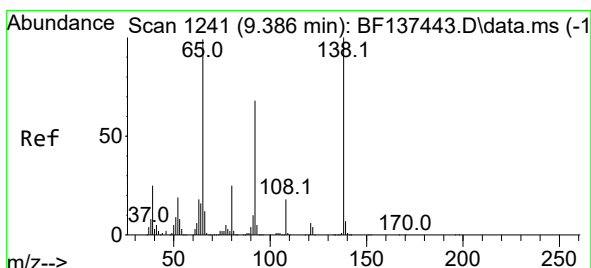
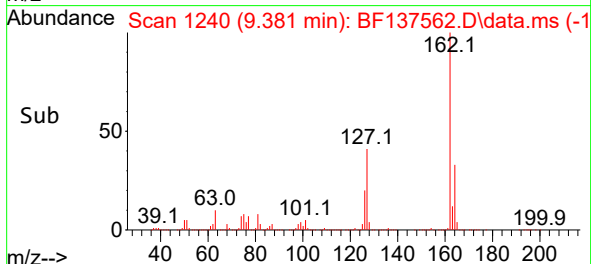
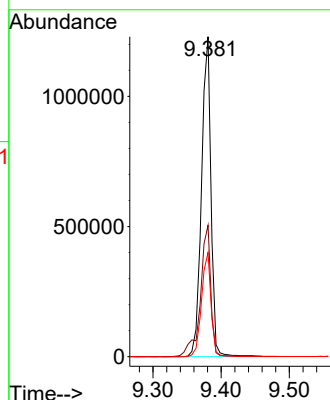
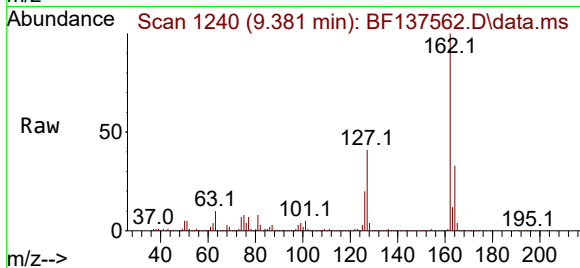
Tgt Ion:162 Resp: 1190217

Ion Ratio Lower Upper

162 100

127 41.1 32.6 49.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 45.152 ng

RT: 9.481 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

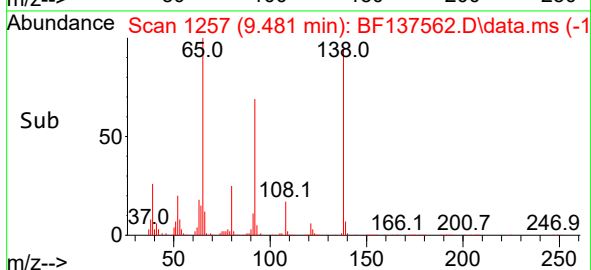
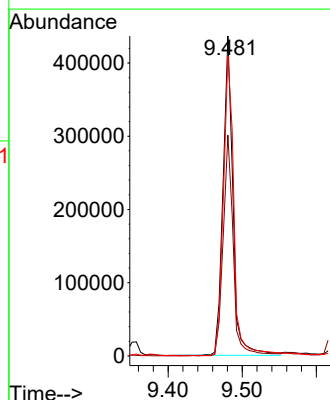
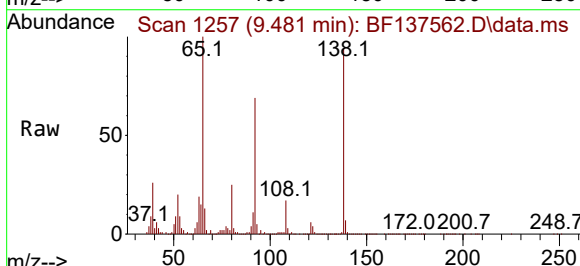
Tgt Ion: 65 Resp: 407516

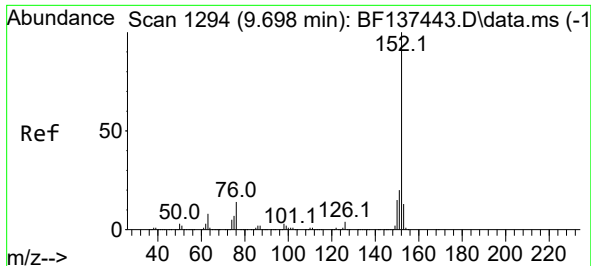
Ion Ratio Lower Upper

65 100

92 69.0 55.4 83.2

138 93.7 81.0 121.6





#49

Acenaphthylene

Concen: 43.754 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

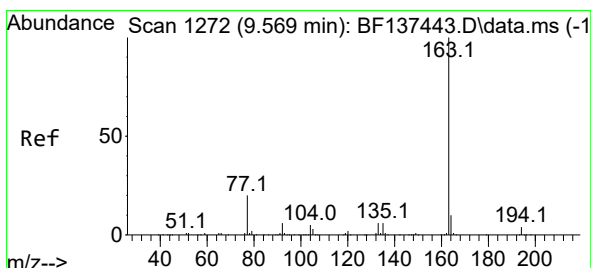
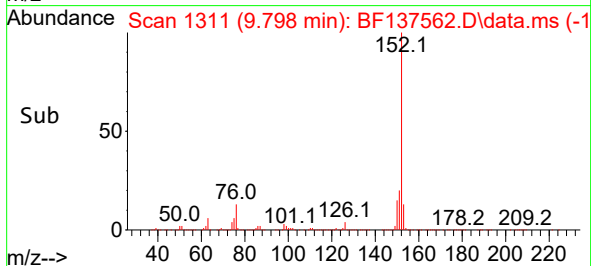
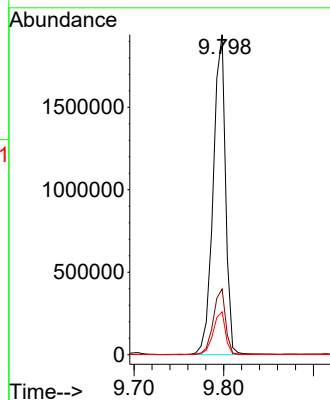
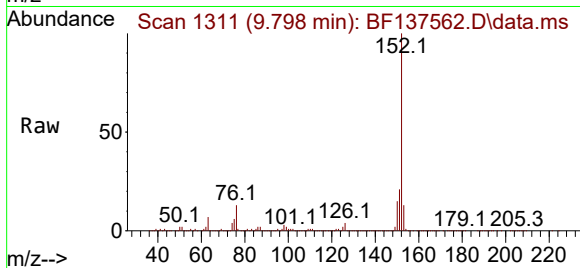
Tgt Ion:152 Resp: 1859335

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 43.632 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

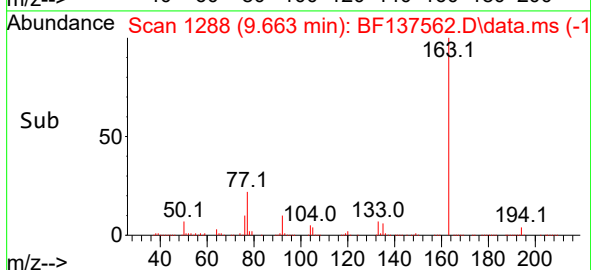
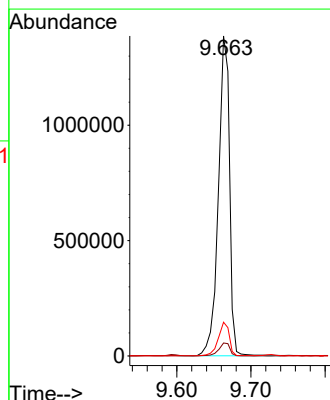
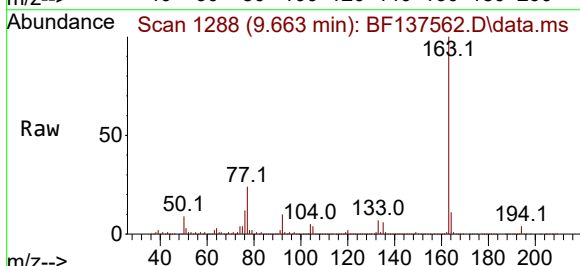
Tgt Ion:163 Resp: 1445320

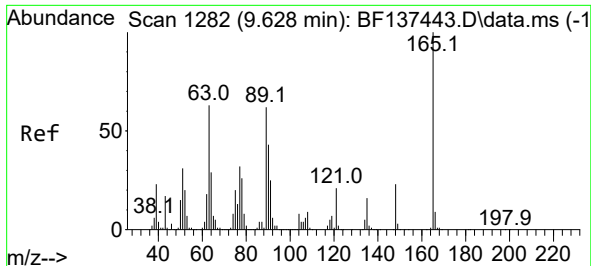
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.1 12.1

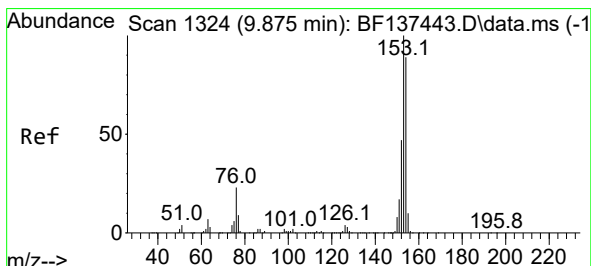
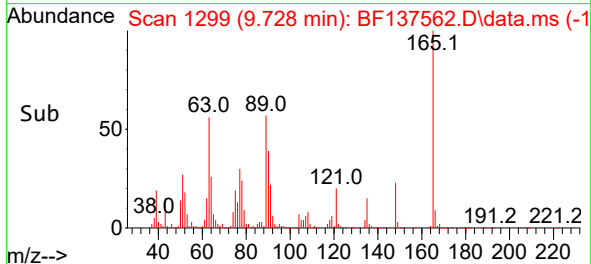
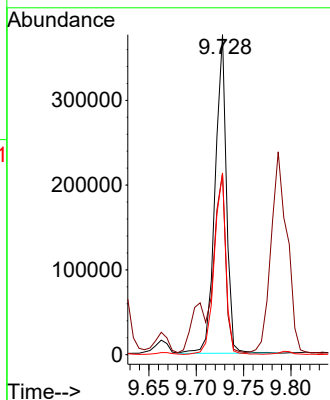
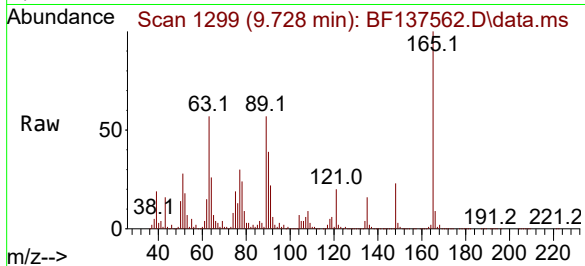




#51
2,6-Dinitrotoluene
Concen: 45.403 ng
RT: 9.728 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

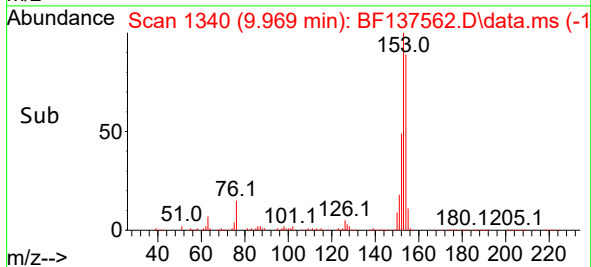
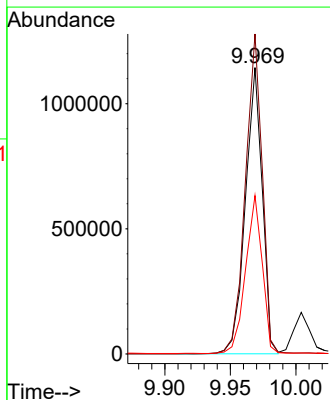
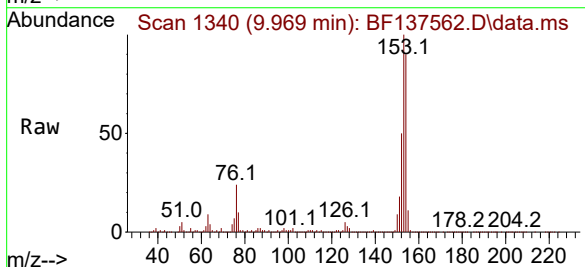
Instrument :
BNA_F
ClientSampleId :
RT3471MS

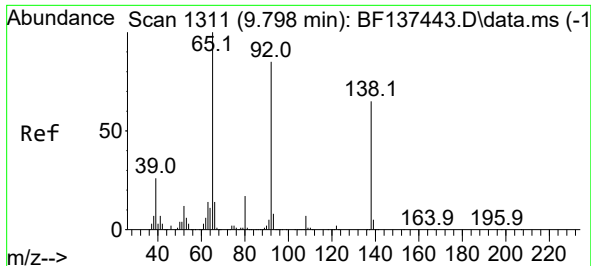
Tgt Ion:165 Resp: 314576
Ion Ratio Lower Upper
165 100
63 56.6 50.7 76.1
89 56.8 50.0 75.0



#52
Acenaphthene
Concen: 40.381 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:154 Resp: 1024466
Ion Ratio Lower Upper
154 100
153 111.7 90.3 135.5
152 55.3 42.7 64.1

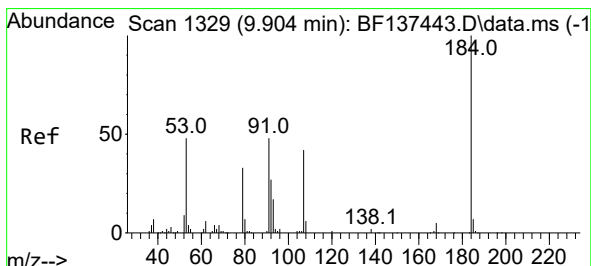
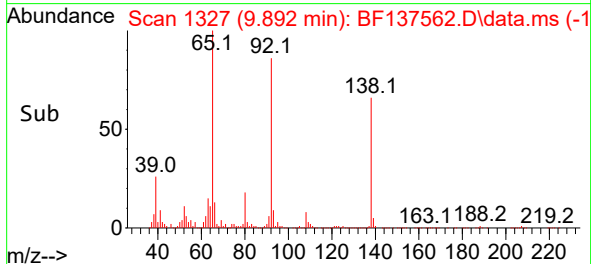
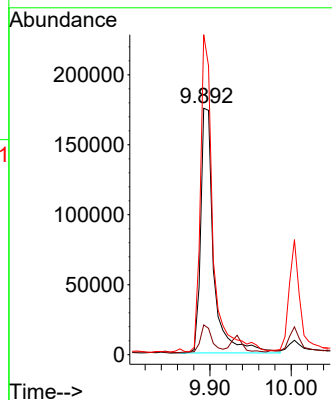
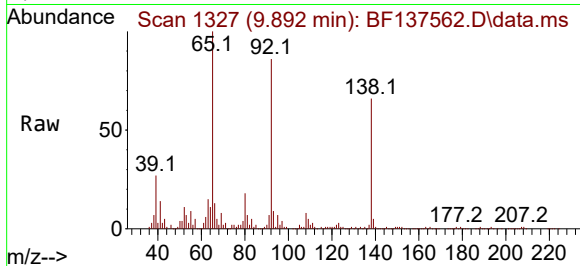




#53
3-Nitroaniline
Concen: 26.740 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

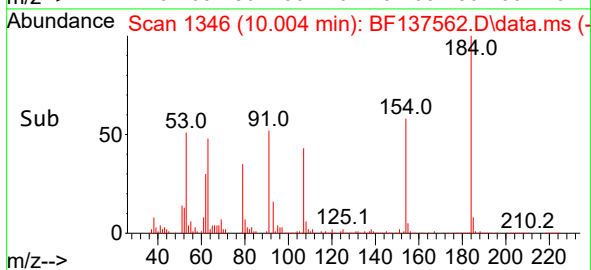
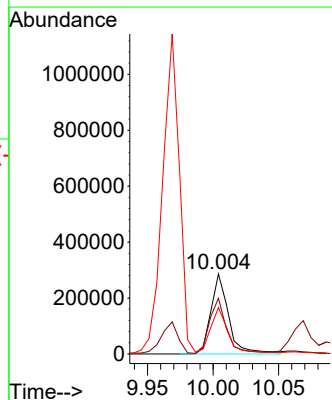
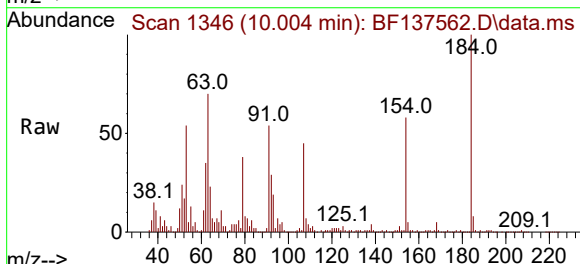
Instrument :
BNA_F
ClientSampleId :
RT3471MS

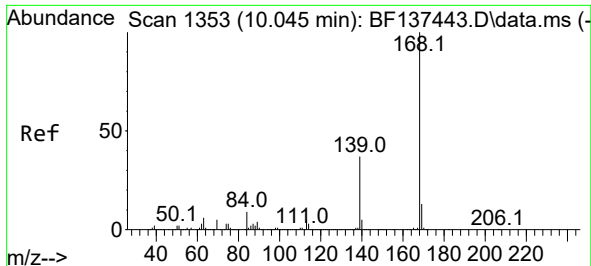
Tgt Ion:138 Resp: 195969
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 129.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 79.633 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:184 Resp: 268968
Ion Ratio Lower Upper
184 100
63 69.7 53.3 79.9
154 58.1 47.4 71.0

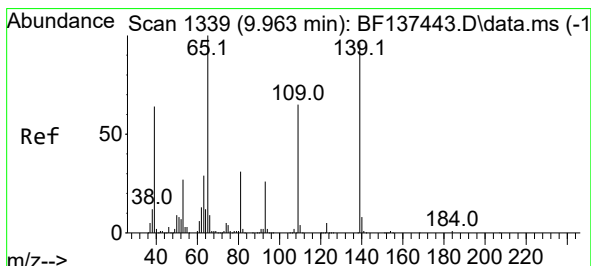
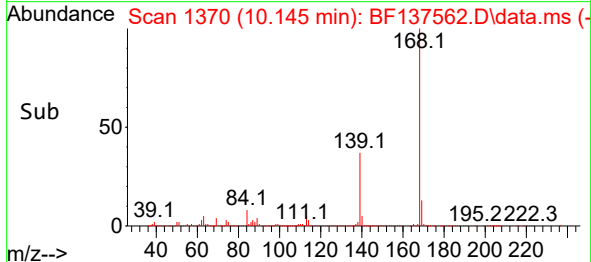
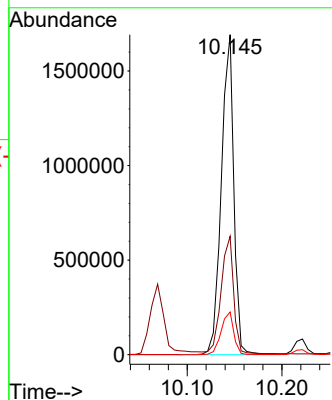
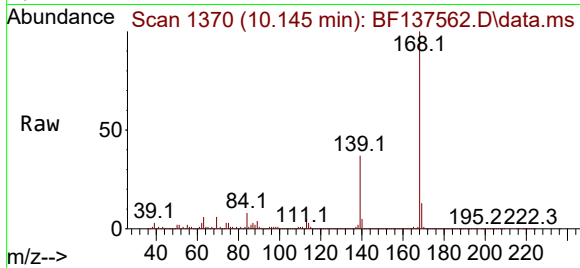




#55
Dibenzenofuran
Concen: 40.130 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

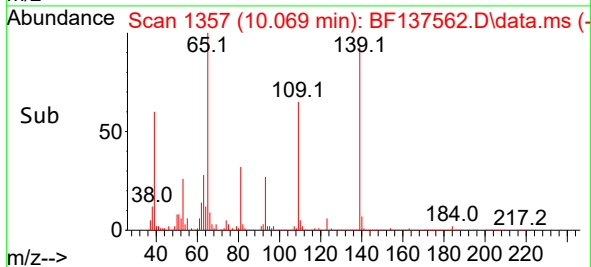
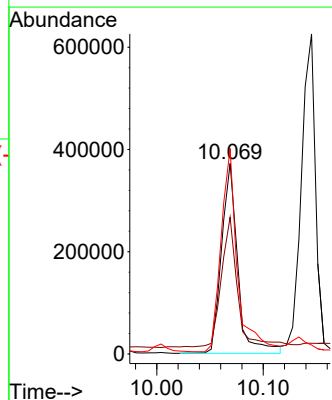
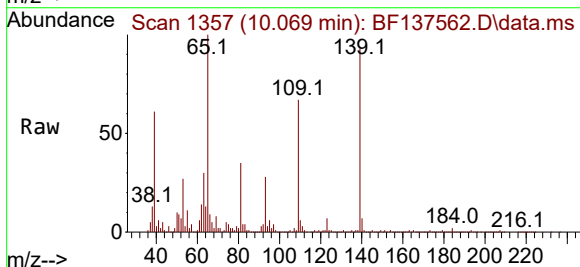
Instrument :
BNA_F
ClientSampleId :
RT3471MS

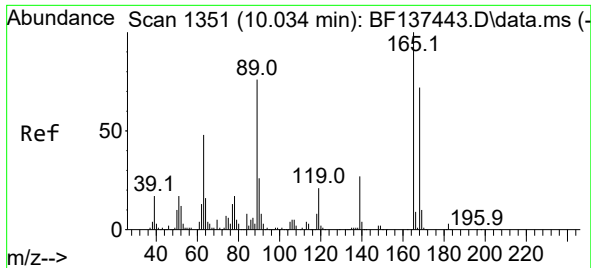
Tgt Ion:168 Resp: 1550654
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 75.245 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:139 Resp: 390835
Ion Ratio Lower Upper
139 100
109 71.8 47.1 87.1
65 107.8 85.1 125.1

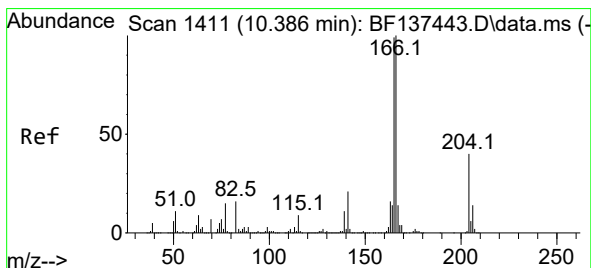
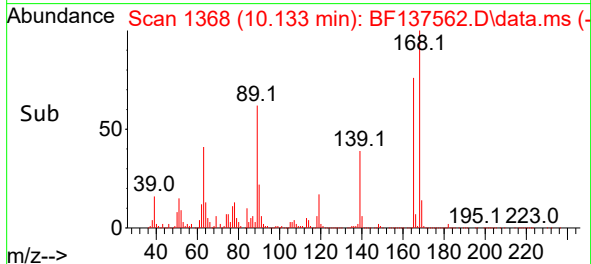
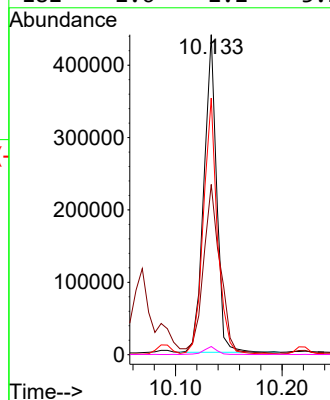
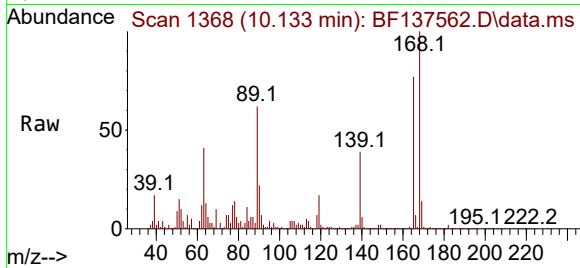




#57
2,4-Dinitrotoluene
Concen: 43.108 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

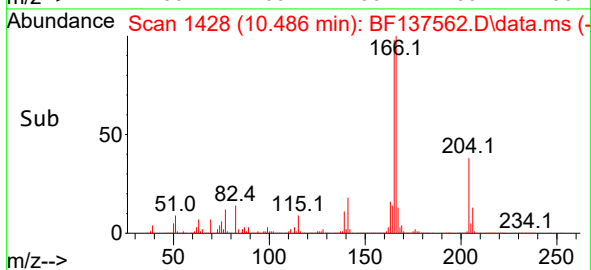
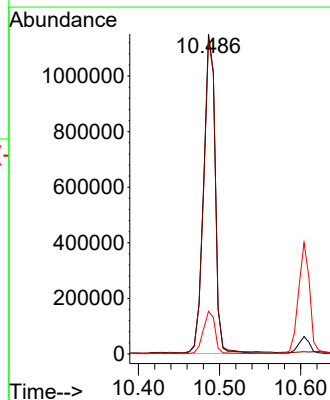
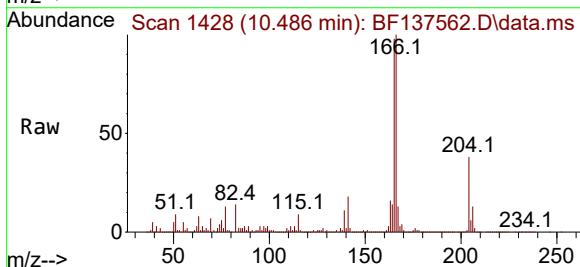
Instrument :
BNA_F
ClientSampleId :
RT3471MS

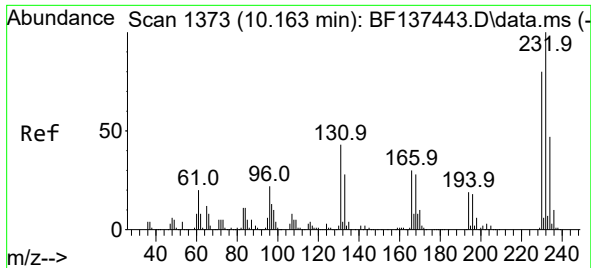
Tgt Ion:165 Resp: 366942
Ion Ratio Lower Upper
165 100
63 53.2 39.0 58.6
89 80.2 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.195 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:166 Resp: 1133444
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 13.3 11.0 16.6

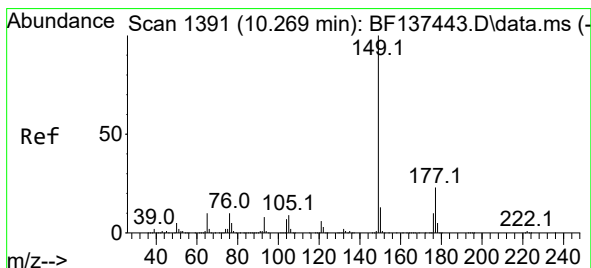
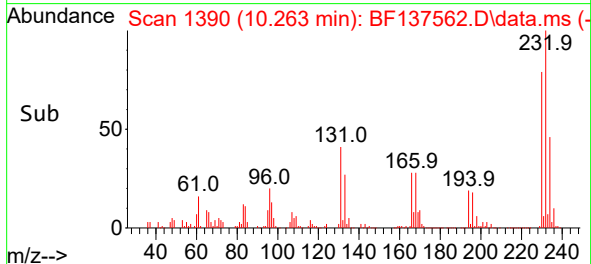
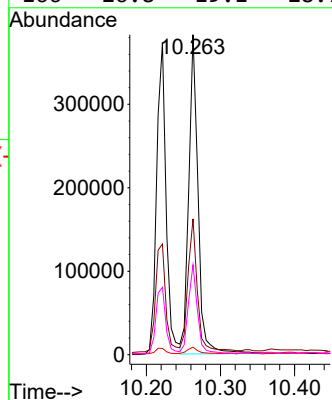
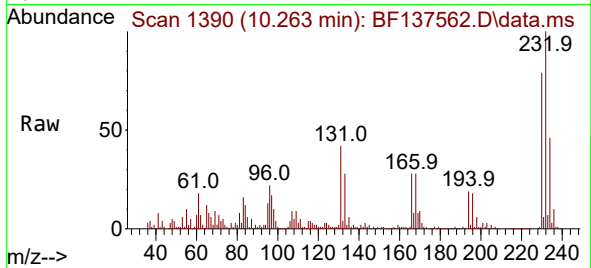




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.767 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

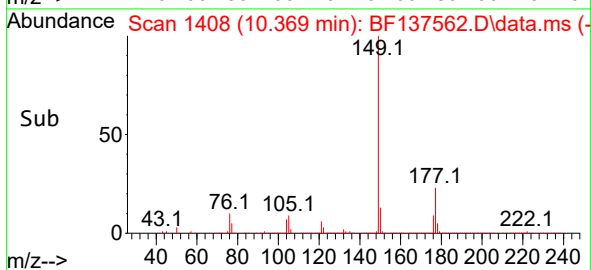
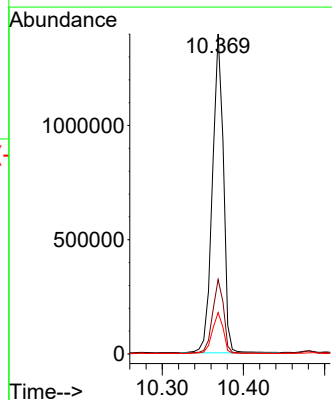
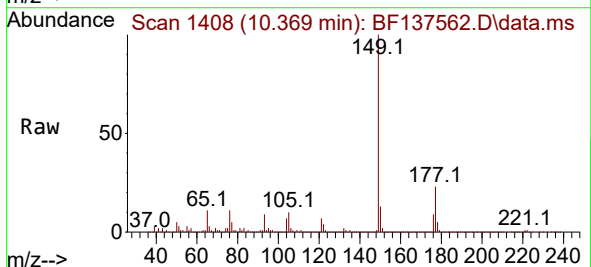
Instrument :
BNA_F
ClientSampleId :
RT3471MS

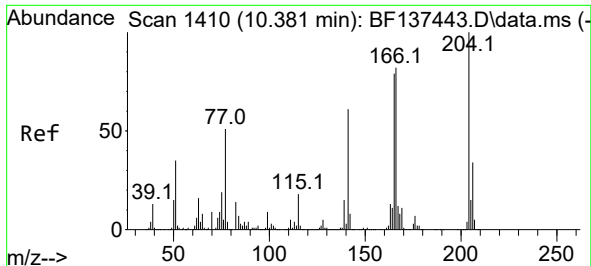
Tgt Ion:232 Resp: 333786
Ion Ratio Lower Upper
232 100
131 41.3 31.2 46.8
130 2.2 1.8 2.6
166 26.8 19.1 28.7



#60
Diethylphthalate
Concen: 41.909 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:149 Resp: 1310967
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 13.0 10.2 15.4

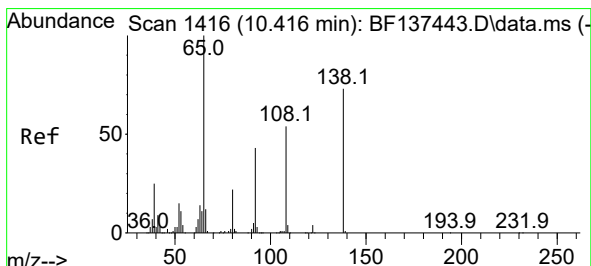
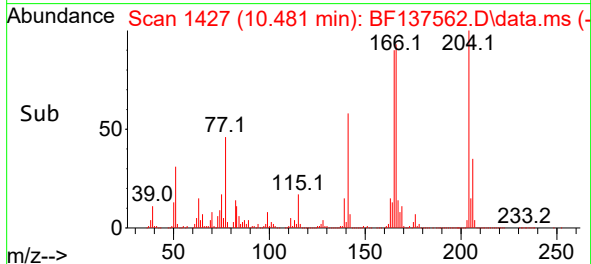
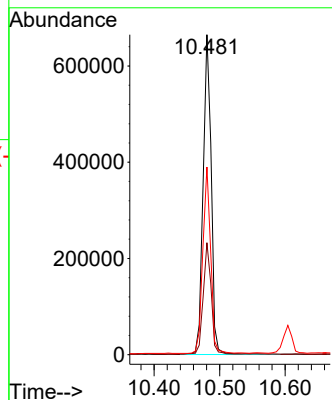
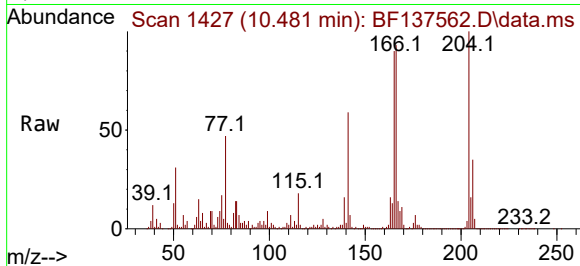




#61
4-Chlorophenyl-phenylether
Concen: 39.236 ng
RT: 10.481 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

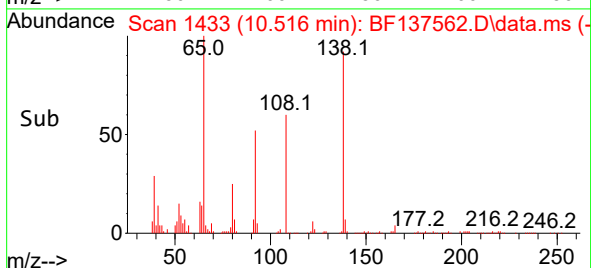
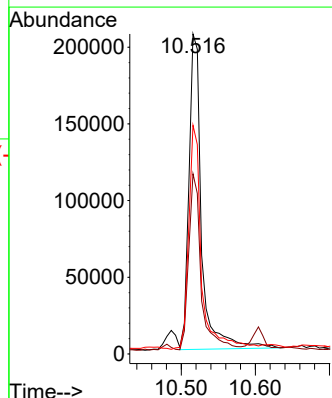
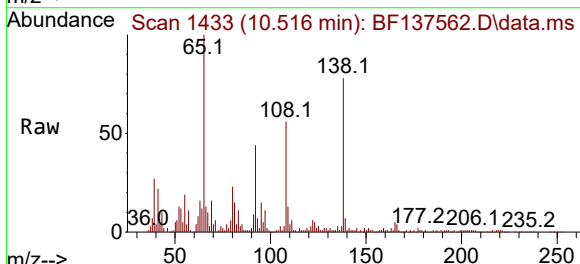
Instrument :
BNA_F
ClientSampleId :
RT3471MS

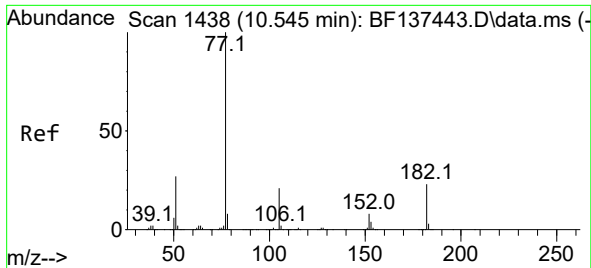
Tgt Ion:204 Resp: 570636
Ion Ratio Lower Upper
204 100
206 35.0 27.4 41.0
141 58.7 48.4 72.6



#62
4-Nitroaniline
Concen: 38.828 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:138 Resp: 244569
Ion Ratio Lower Upper
138 100
92 56.3 37.9 77.9
108 71.5 53.2 93.2

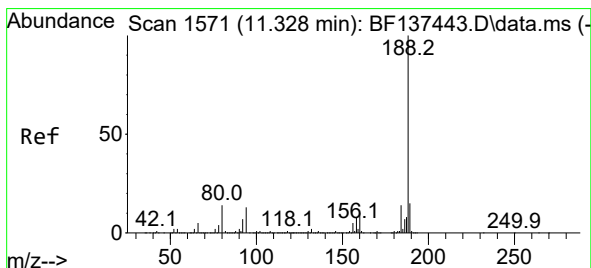
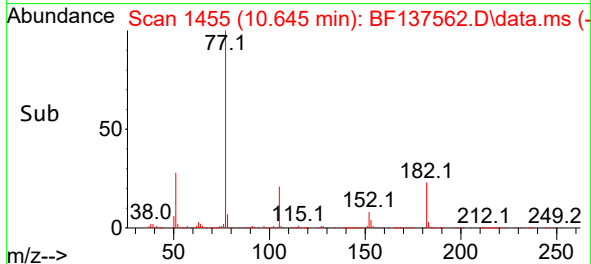
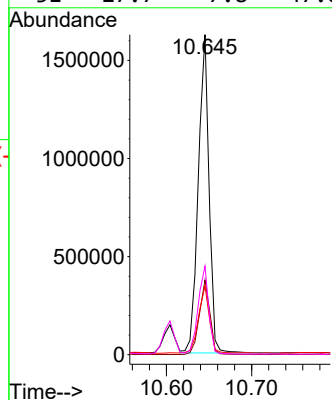
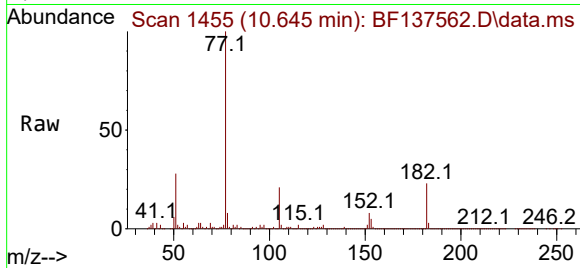




#63
Azobenzene
Concen: 39.650 ng
RT: 10.645 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

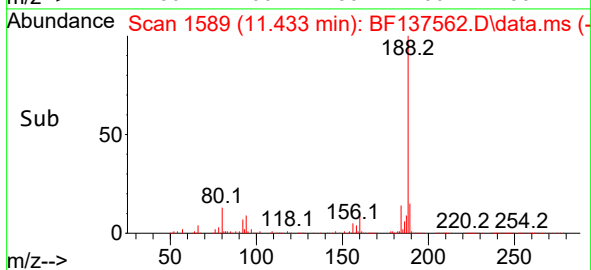
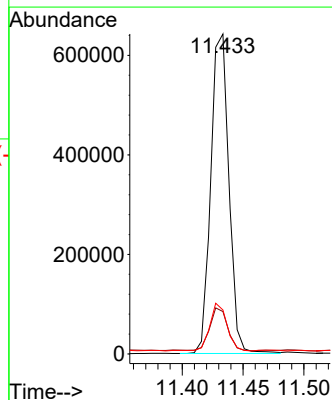
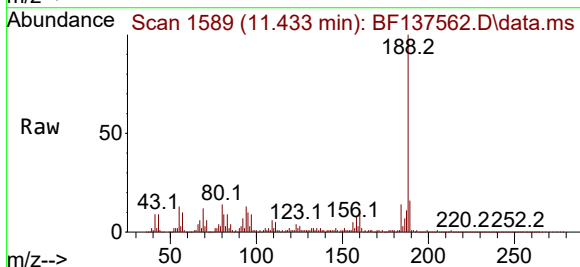
Instrument :
BNA_F
ClientSampleId :
RT3471MS

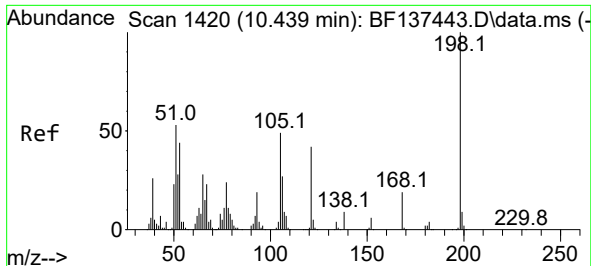
Tgt Ion: 77 Resp: 1428197
Ion Ratio Lower Upper
77 100
182 23.4 3.2 43.2
105 21.4 1.2 41.2
51 27.7 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion: 188 Resp: 664191
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 13.7 11.5 17.3

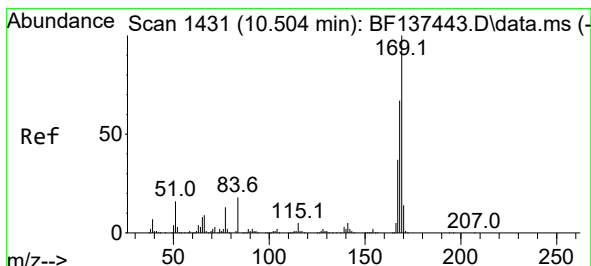
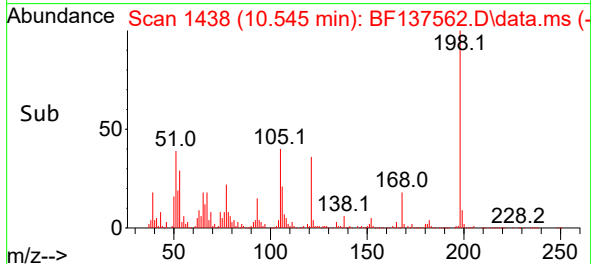
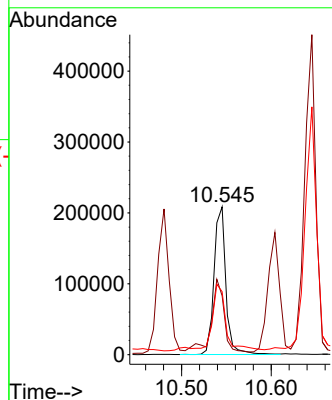
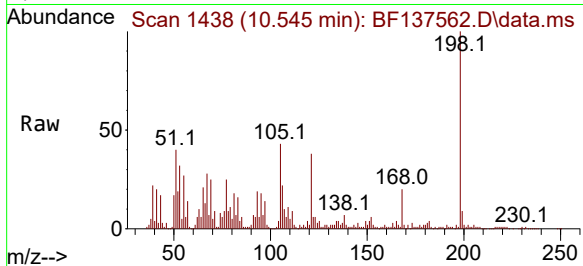




#65
4,6-Dinitro-2-methylphenol
Concen: 51.823 ng
RT: 10.545 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

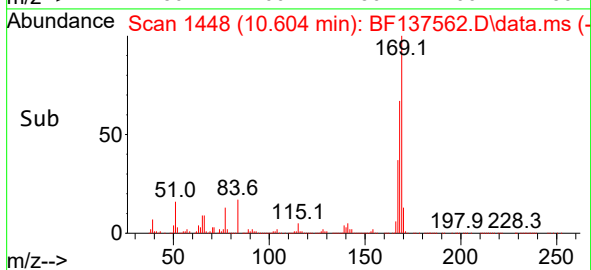
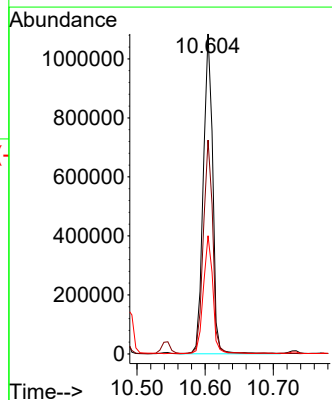
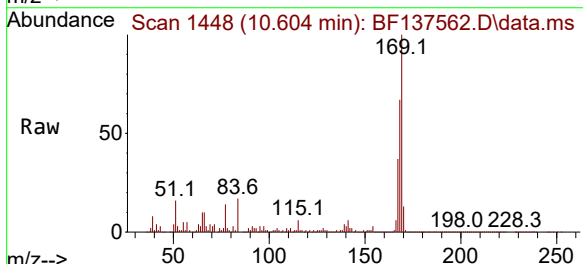
Instrument :
BNA_F
ClientSampleId :
RT3471MS

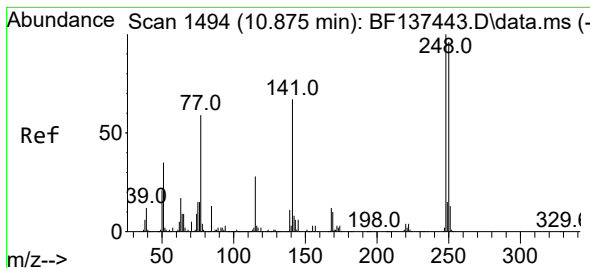
Tgt Ion:198 Resp: 191842
Ion Ratio Lower Upper
198 100
51 39.8 37.2 77.2
105 42.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.592 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:169 Resp: 1039284
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 37.0 29.6 44.4

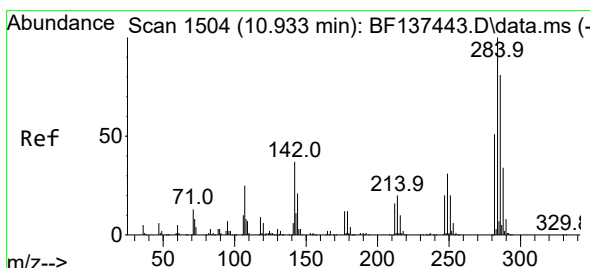
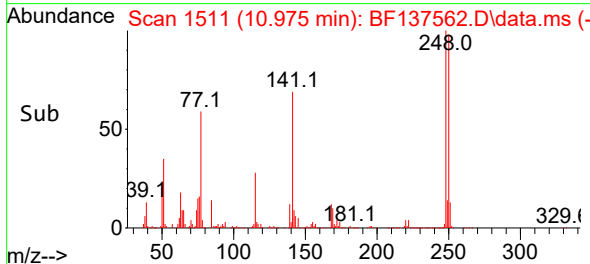
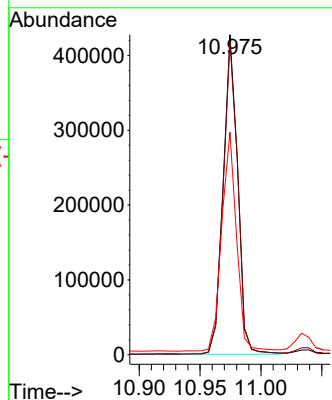
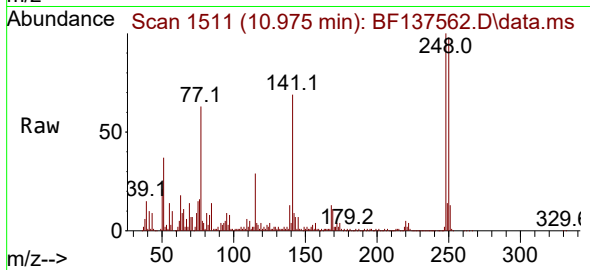




#67
4-Bromophenyl-phenylether
Concen: 49.218 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

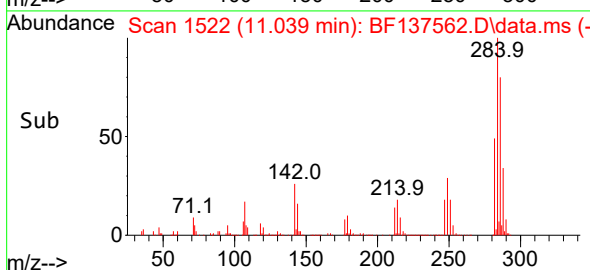
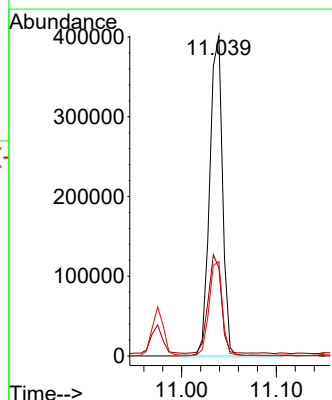
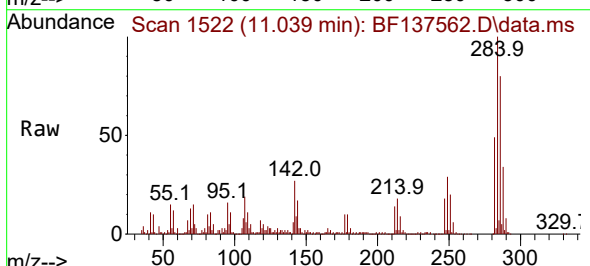
Instrument :
BNA_F
ClientSampleId :
RT3471MS

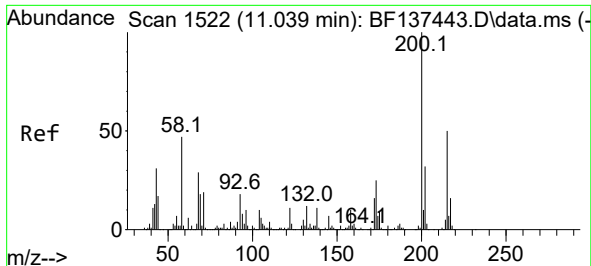
Tgt Ion:248 Resp: 356055
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 69.5 53.4 80.0



#68
Hexachlorobenzene
Concen: 51.628 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:284 Resp: 377233
Ion Ratio Lower Upper
284 100
142 27.5 29.4 44.0#
249 29.5 25.0 37.4

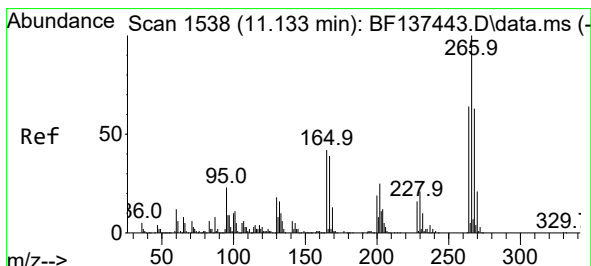
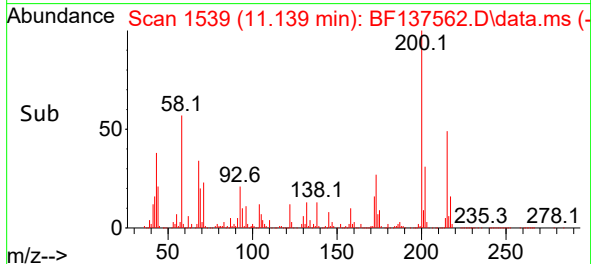
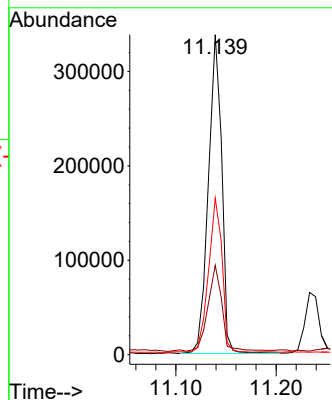
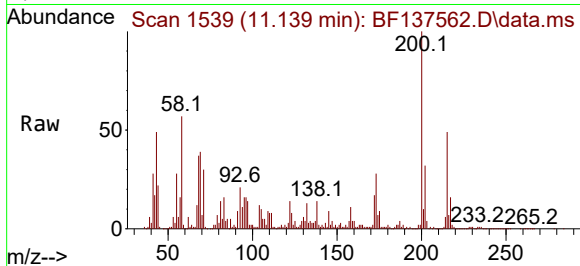




#69
 Atrazine
 Concen: 48.299 ng
 RT: 11.139 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137562.D
 Acq: 11 Mar 2024 18:18

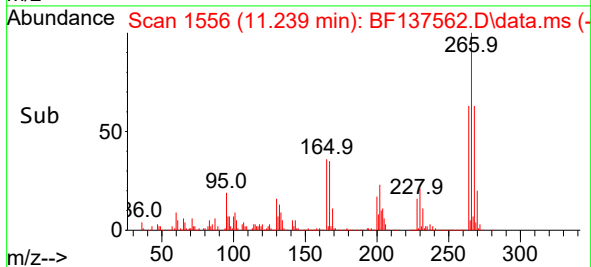
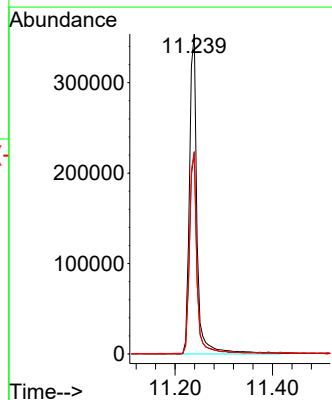
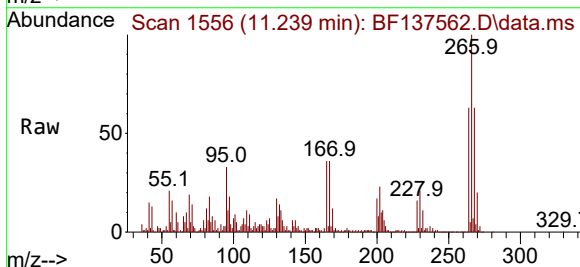
Instrument :
 BNA_F
 ClientSampleId :
 RT3471MS

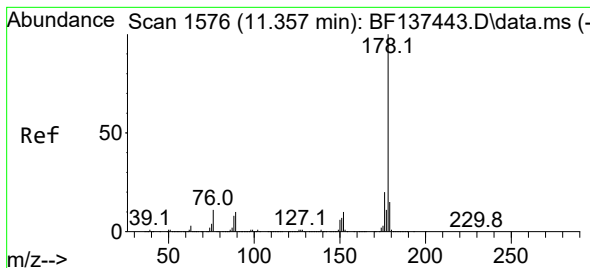
Tgt Ion:200 Resp: 314029
 Ion Ratio Lower Upper
 200 100
 173 27.9 5.1 45.1
 215 49.0 30.4 70.4



#70
 Pentachlorophenol
 Concen: 86.339 ng
 RT: 11.239 min Scan# 1556
 Delta R.T. 0.006 min
 Lab File: BF137562.D
 Acq: 11 Mar 2024 18:18

Tgt Ion:266 Resp: 381362
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.2 75.2
 264 63.2 50.9 76.3





#71

Phenanthrene

Concen: 43.105 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

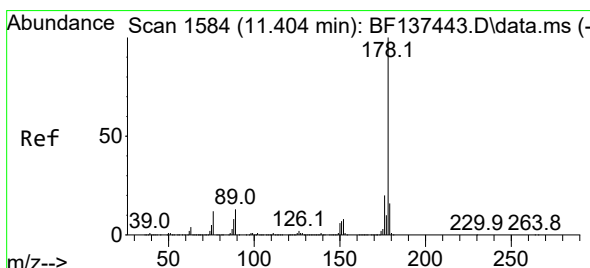
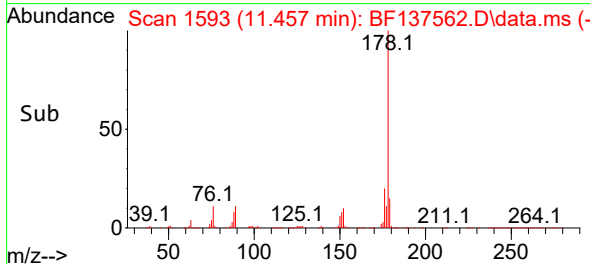
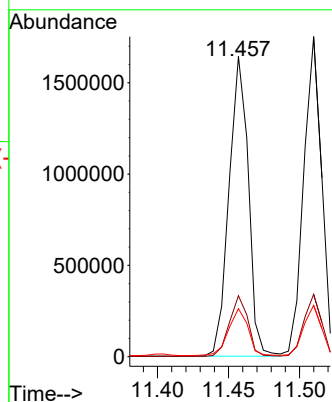
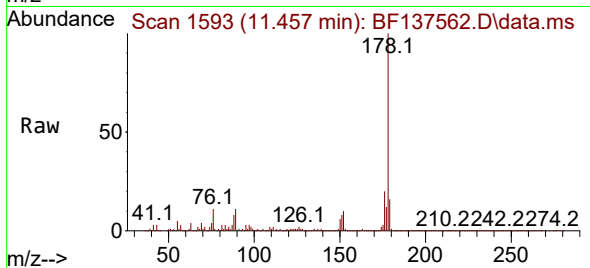
Tgt Ion:178 Resp: 1558110

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 16.0 12.2 18.2



#72

Anthracene

Concen: 42.386 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

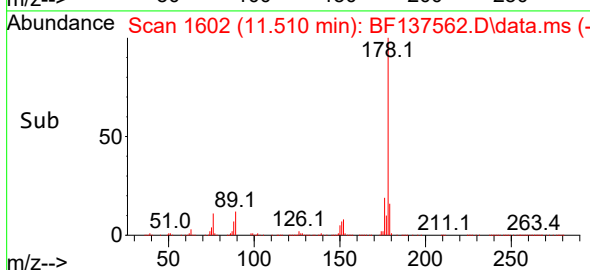
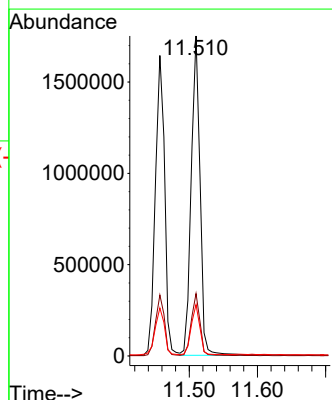
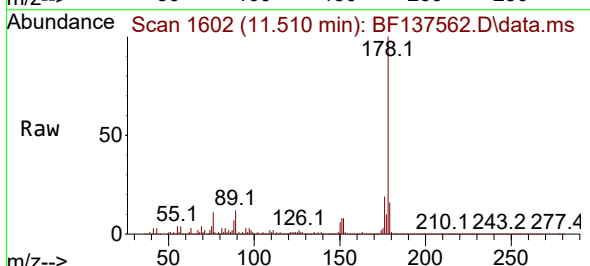
Tgt Ion:178 Resp: 1573550

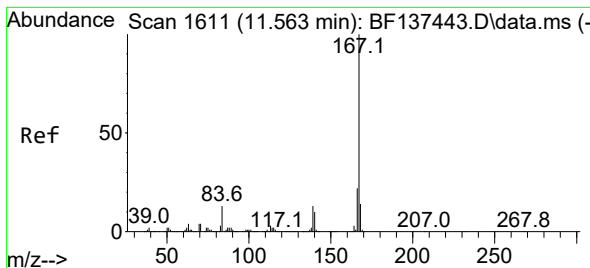
Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 16.1 12.7 19.1





#73

Carbazole

Concen: 40.970 ng

RT: 11.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

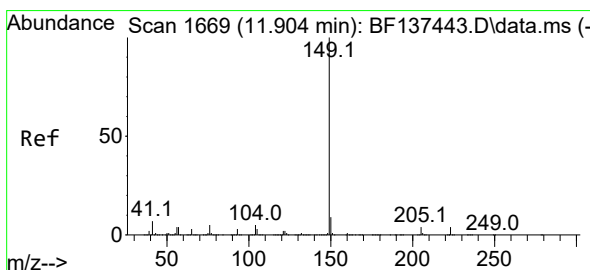
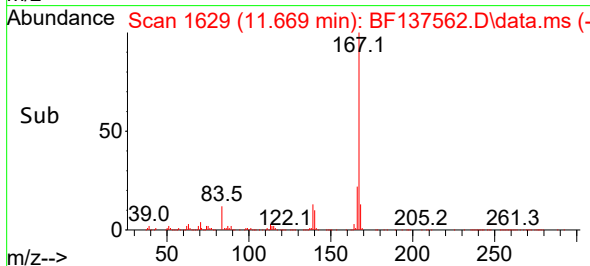
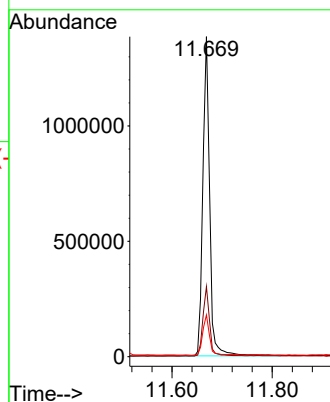
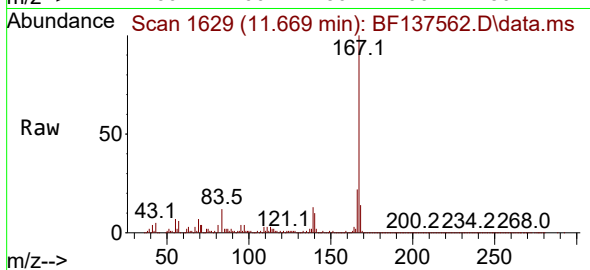
Tgt Ion:167 Resp: 1302834

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.461 ng

RT: 12.004 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

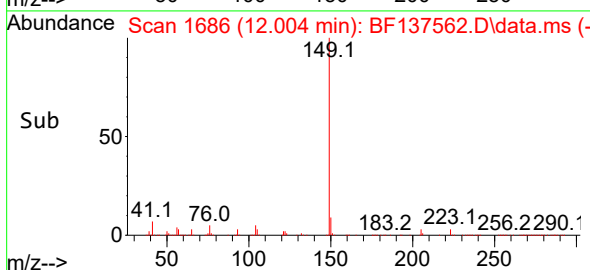
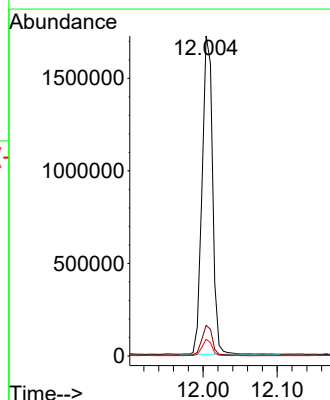
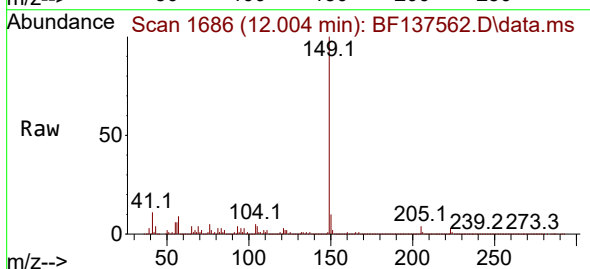
Tgt Ion:149 Resp: 1682165

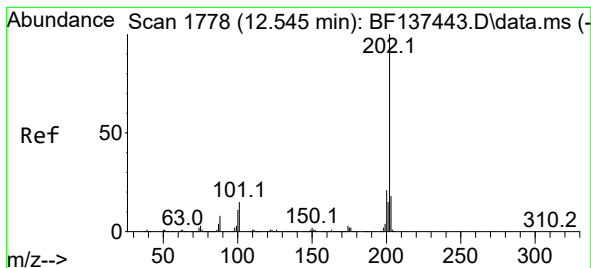
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.2 3.8 5.6





#75

Fluoranthene

Concen: 39.491 ng

RT: 12.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

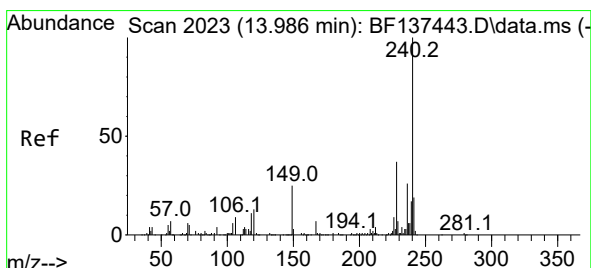
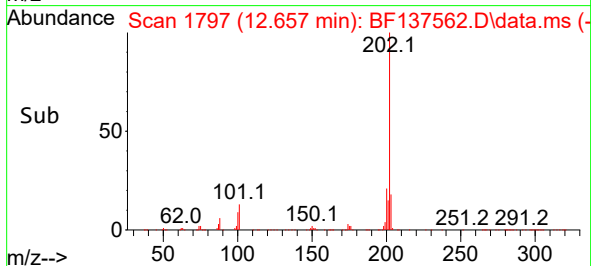
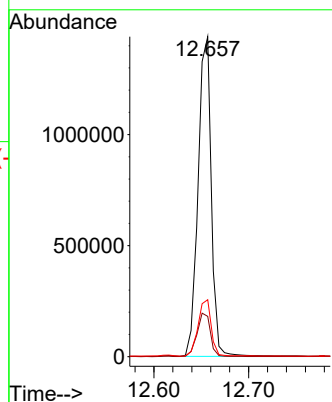
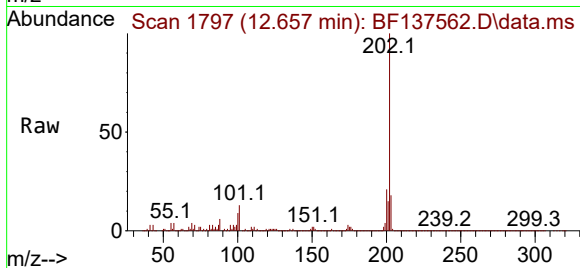
Tgt Ion:202 Resp: 1395331

Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

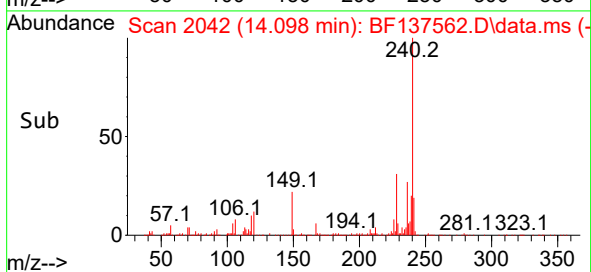
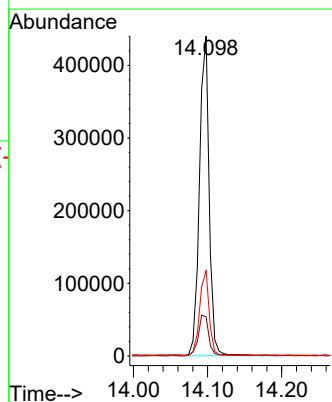
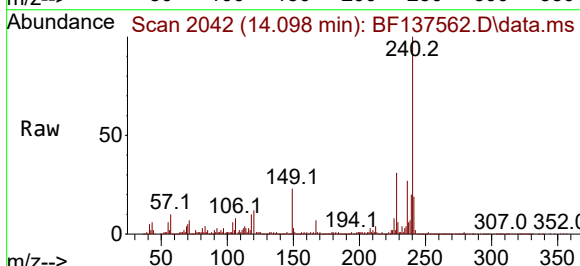
Tgt Ion:240 Resp: 399730

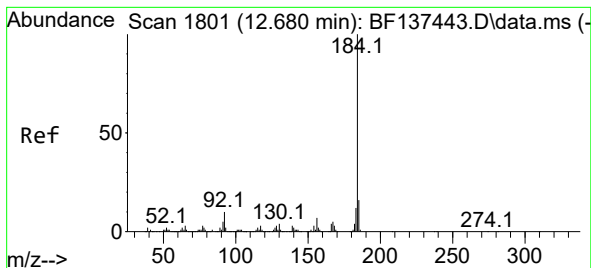
Ion Ratio Lower Upper

240 100

120 12.2 10.4 15.6

236 26.6 20.9 31.3





#77

Benzidine

Concen: 43.558 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

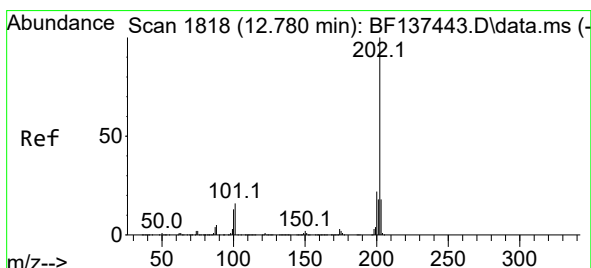
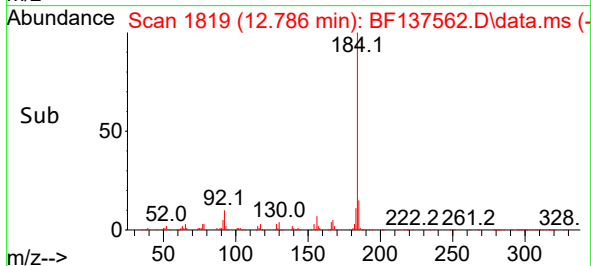
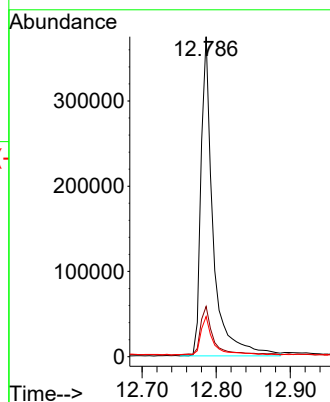
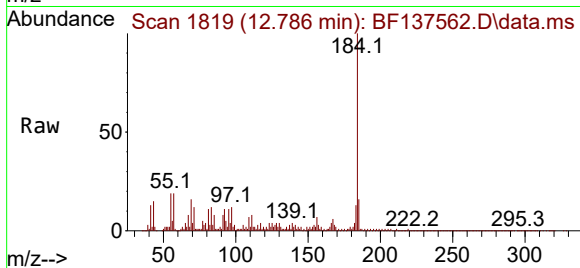
Tgt Ion:184 Resp: 426093

Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

183 12.5 9.3 13.9



#78

Pyrene

Concen: 36.054 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

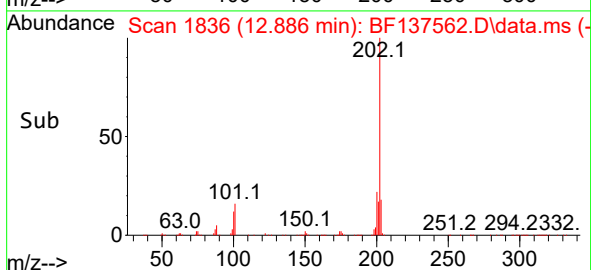
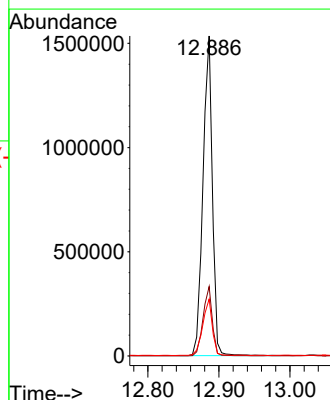
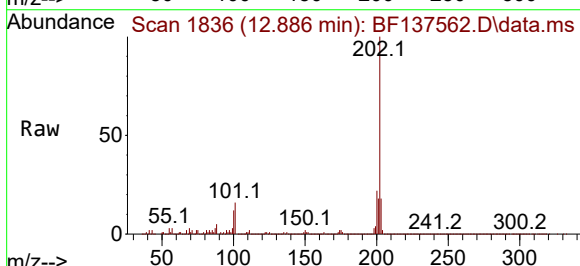
Tgt Ion:202 Resp: 1414142

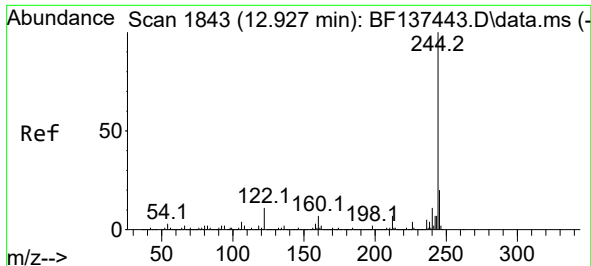
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.8 14.1 21.1

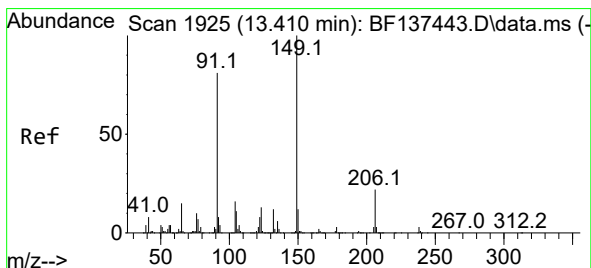
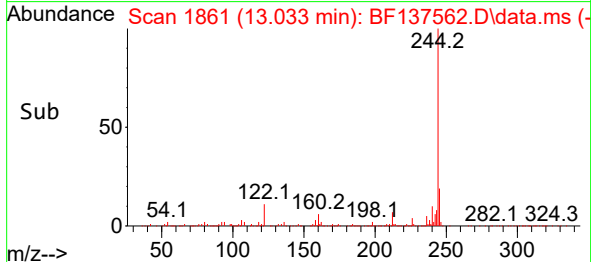
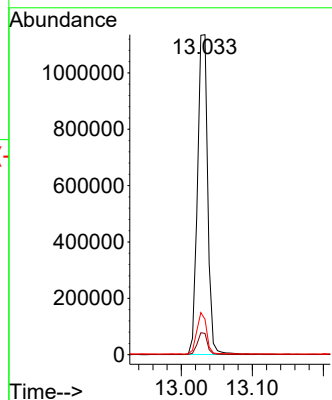
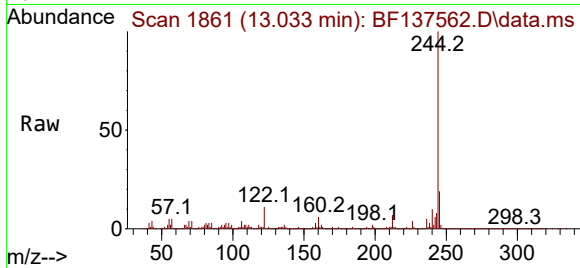




#79
 Terphenyl-d14
 Concen: 39.177 ng
 RT: 13.033 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137562.D
 Acq: 11 Mar 2024 18:18

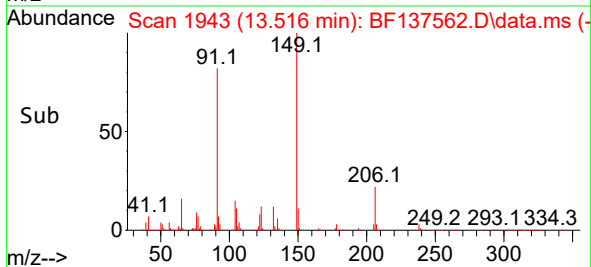
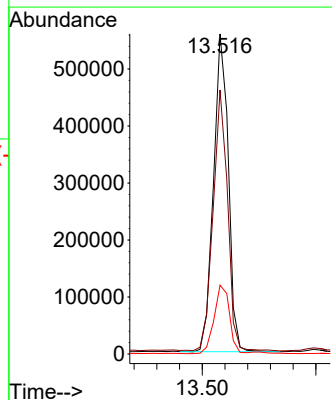
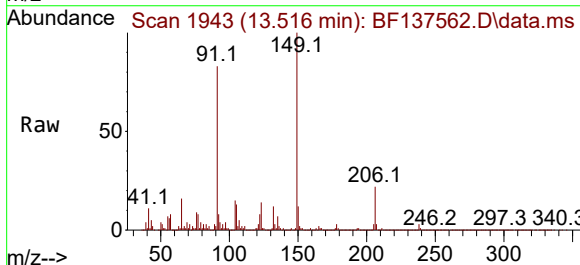
Instrument :
 BNA_F
 ClientSampleId :
 RT3471MS

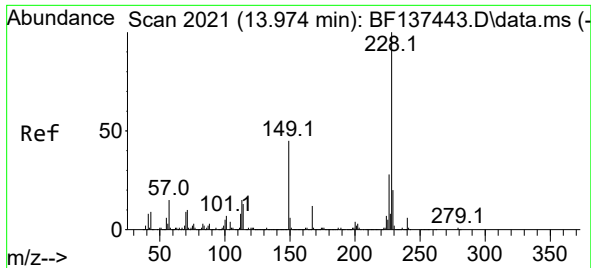
Tgt Ion:244 Resp: 1138832
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.1 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 50.294 ng
 RT: 13.516 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: BF137562.D
 Acq: 11 Mar 2024 18:18

Tgt Ion:149 Resp: 503794
 Ion Ratio Lower Upper
 149 100
 91 82.5 64.7 97.1
 206 21.5 17.5 26.3

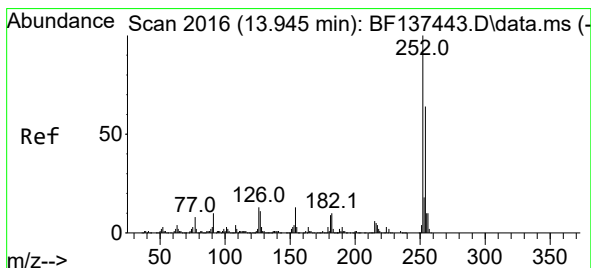
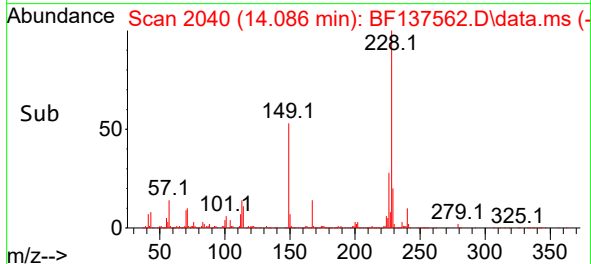
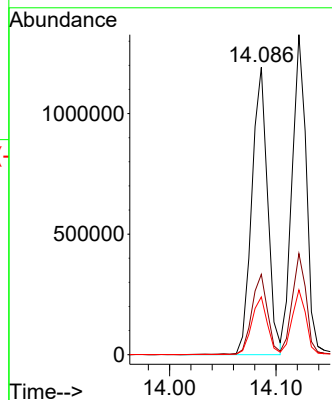
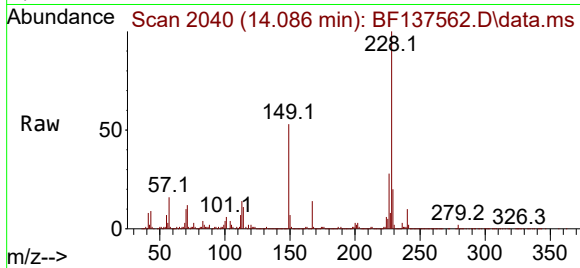




#81
Benzo(a)anthracene
Concen: 43.654 ng
RT: 14.086 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

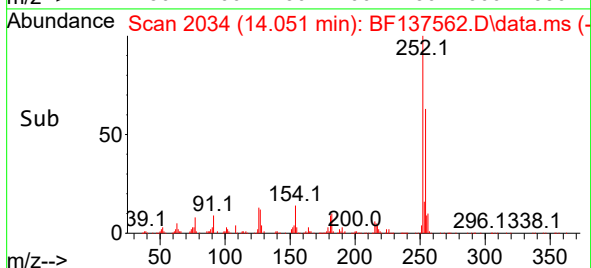
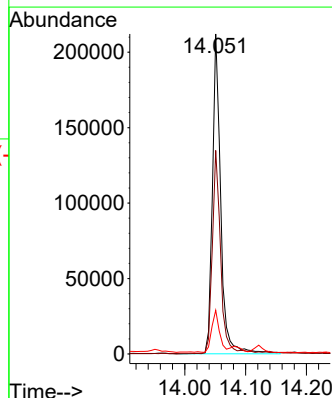
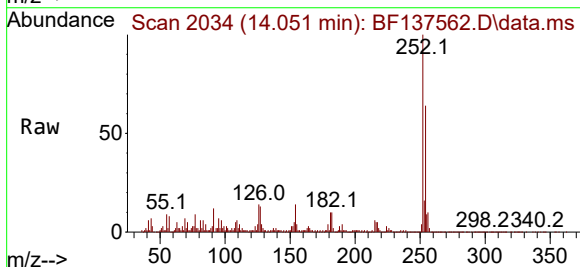
Instrument :
BNA_F
ClientSampleId :
RT3471MS

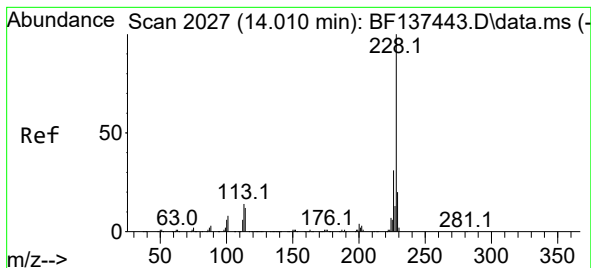
Tgt Ion:228 Resp: 1223032
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.079 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:252 Resp: 202033
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 13.6 10.4 15.6





#83

Chrysene

Concen: 43.655 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

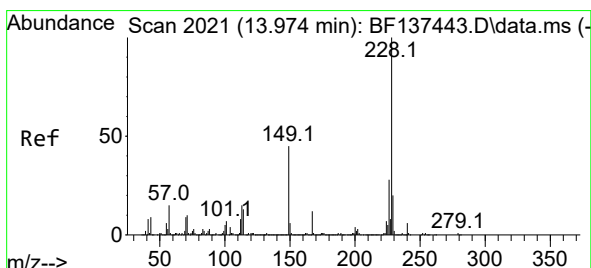
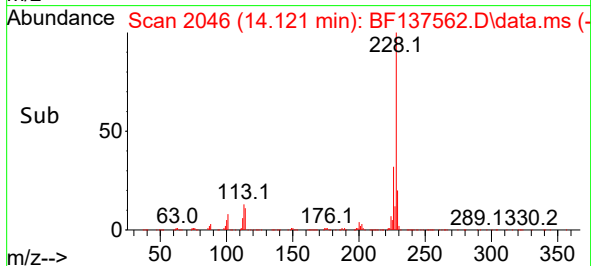
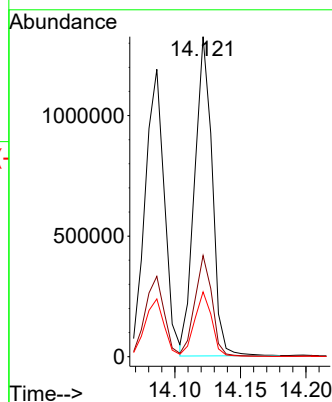
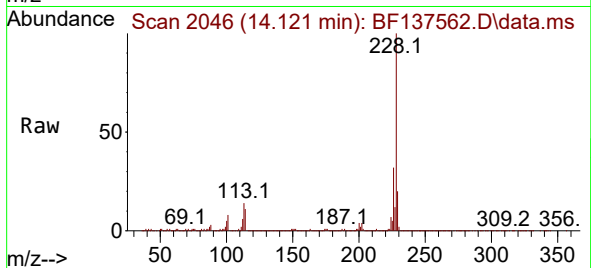
Tgt Ion:228 Resp: 1236147

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.745 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

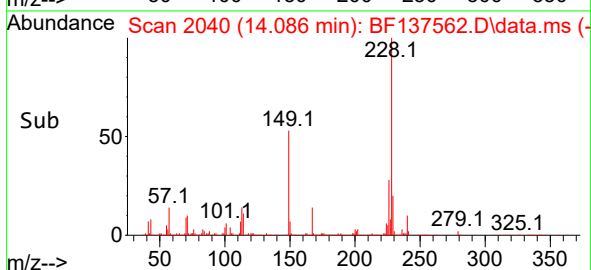
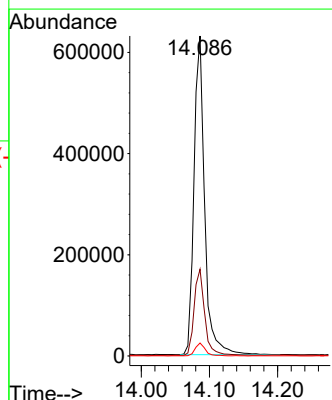
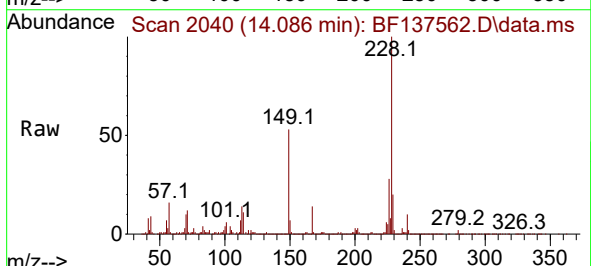
Tgt Ion:149 Resp: 684268

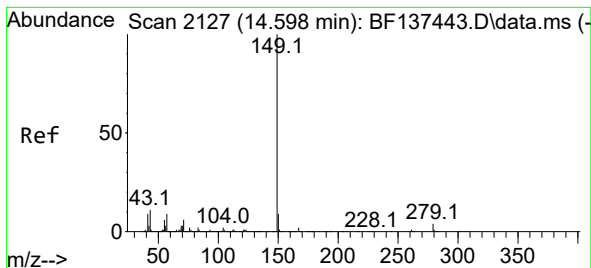
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 4.1 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 55.813 ng

RT: 14.716 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

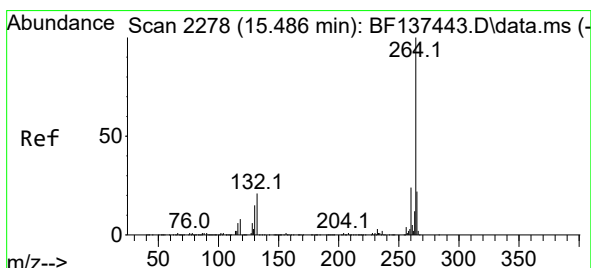
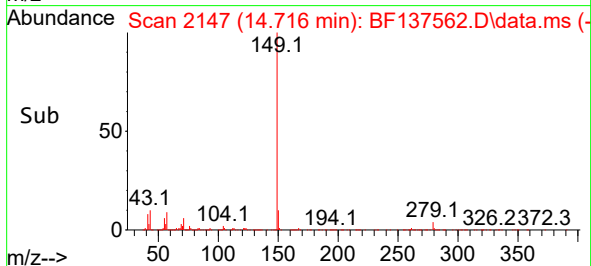
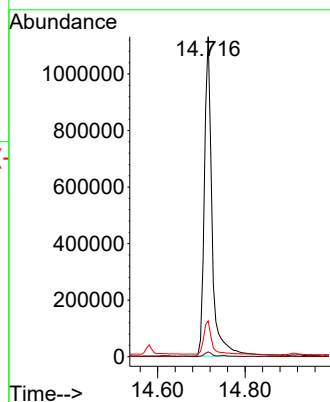
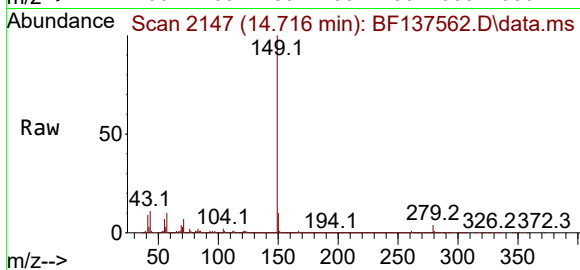
Tgt Ion:149 Resp: 1394880

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 11.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

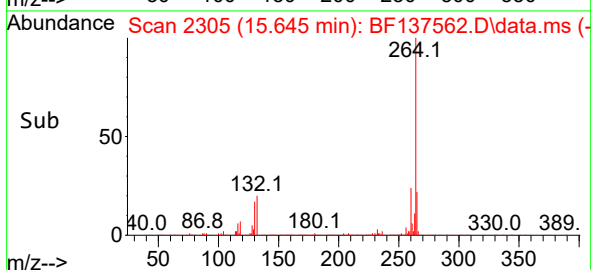
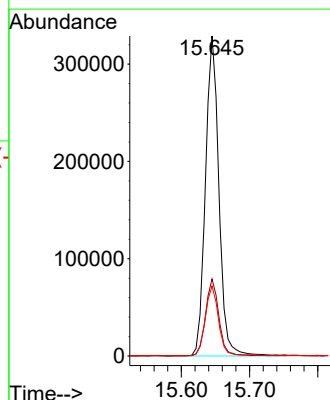
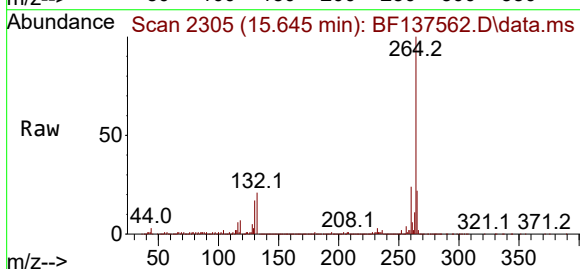
Tgt Ion:264 Resp: 452418

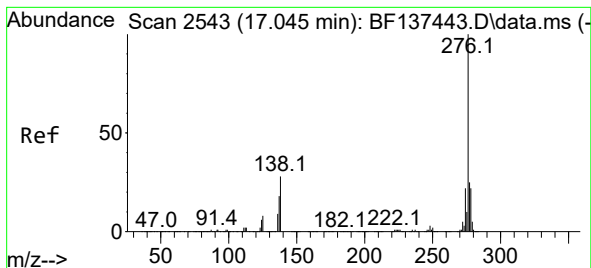
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.333 ng

RT: 17.274 min Scan# 2111

Delta R.T. -0.018 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

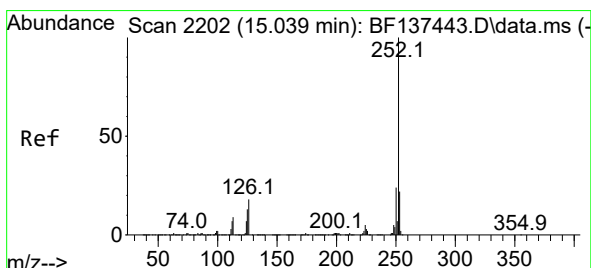
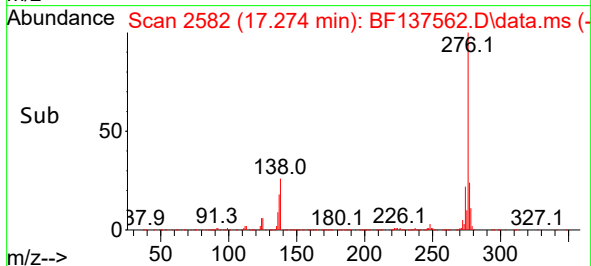
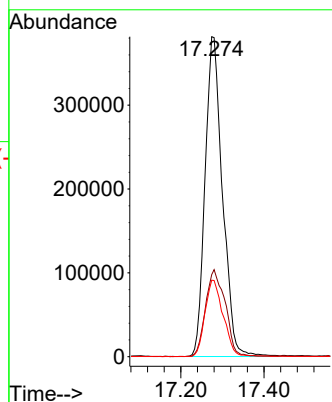
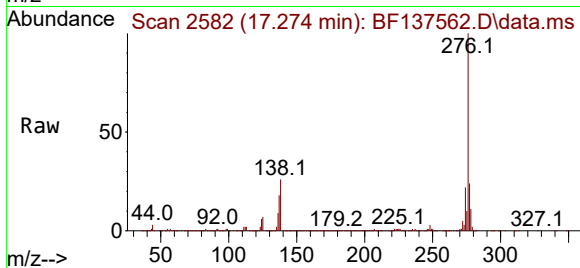
Tgt Ion:276 Resp: 1111481

Ion Ratio Lower Upper

276 100

138 30.5 25.8 38.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.514 ng

RT: 15.180 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

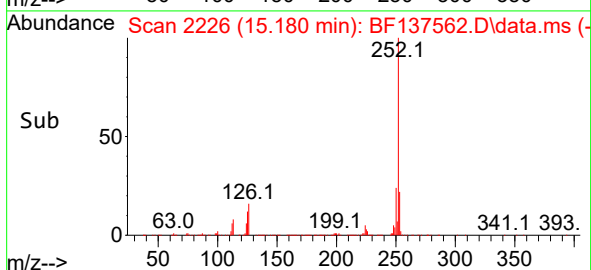
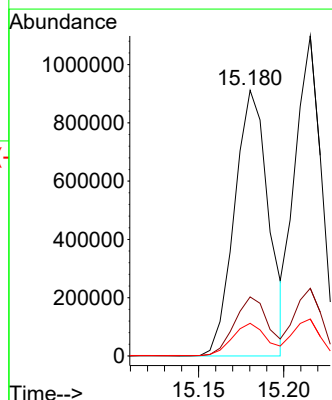
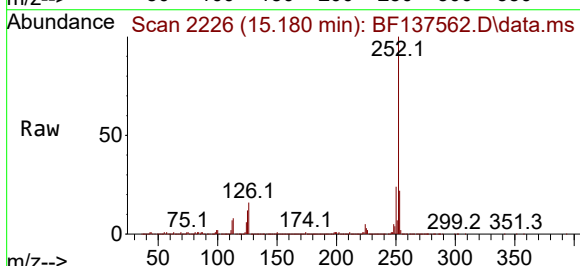
Tgt Ion:252 Resp: 1271586

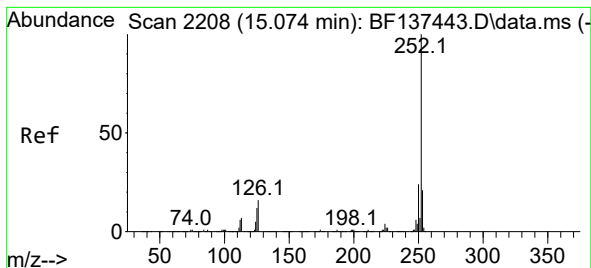
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 12.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 41.432 ng

RT: 15.216 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3471MS

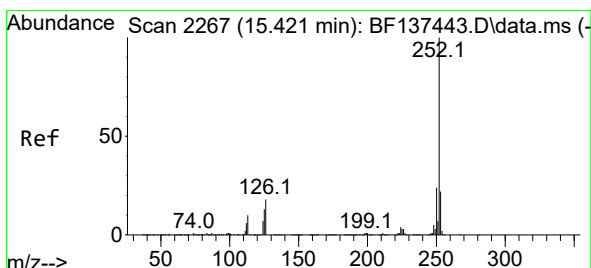
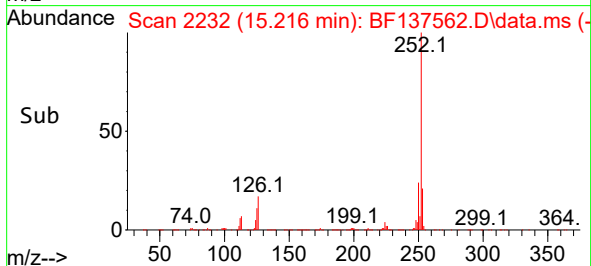
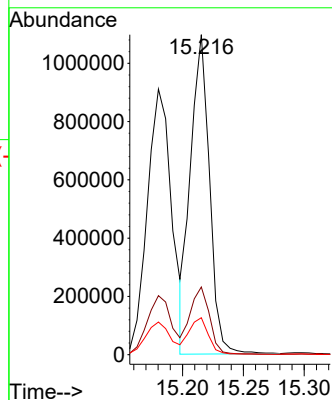
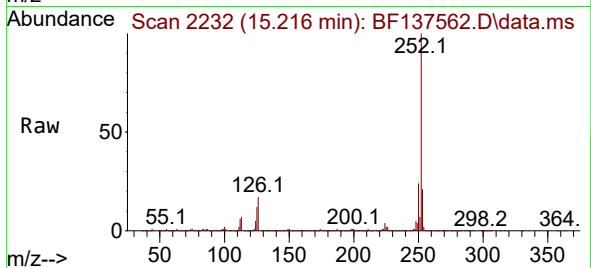
Tgt Ion:252 Resp: 1190960

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 11.5 9.6 14.4



#90

Benzo(a)pyrene

Concen: 43.428 ng

RT: 15.580 min Scan# 2294

Delta R.T. -0.006 min

Lab File: BF137562.D

Acq: 11 Mar 2024 18:18

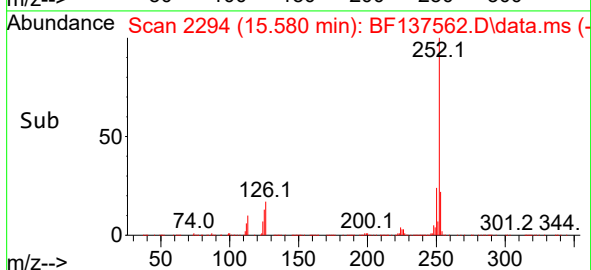
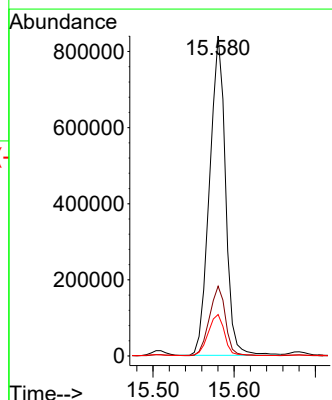
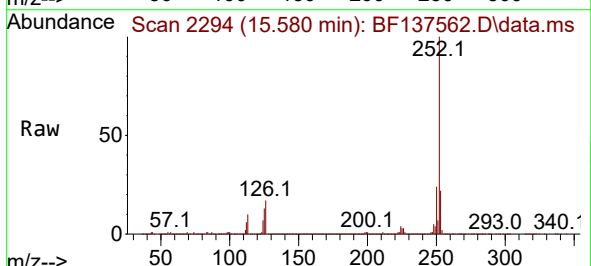
Tgt Ion:252 Resp: 1145333

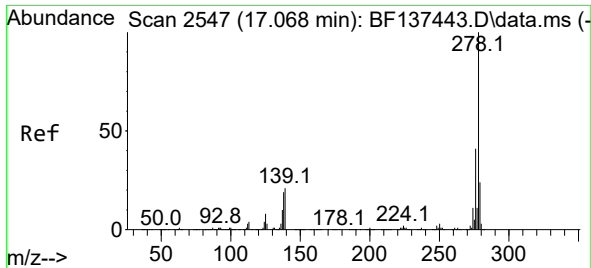
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 13.0 10.4 15.6

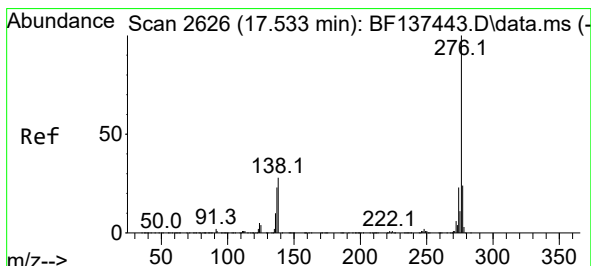
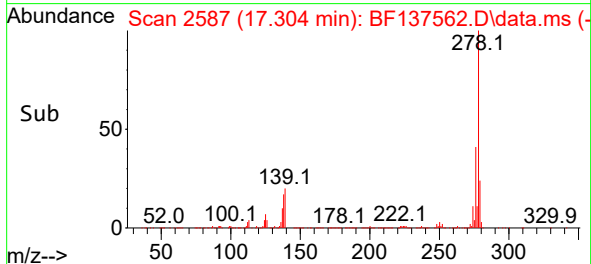
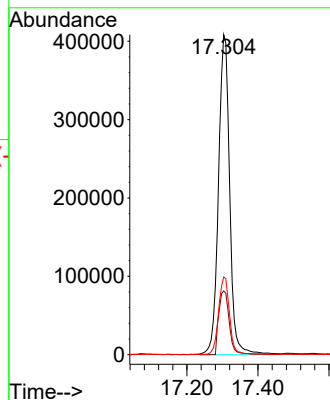
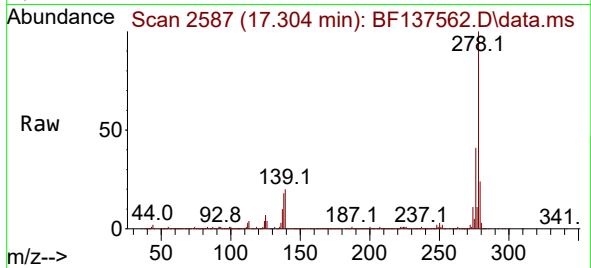




#91
Dibenzo(a,h)anthracene
Concen: 36.976 ng
RT: 17.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Instrument :
BNA_F
ClientSampleId :
RT3471MS

Tgt Ion:278 Resp: 893031
Ion Ratio Lower Upper
278 100
139 19.9 17.0 25.6
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 33.391 ng
RT: 17.774 min Scan# 2667
Delta R.T. -0.018 min
Lab File: BF137562.D
Acq: 11 Mar 2024 18:18

Tgt Ion:276 Resp: 828204
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 26.2 22.2 33.2

