

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137563.D
 Acq On : 11 Mar 2024 18:49
 Operator : CG\JU
 Sample : P1720-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3471MSD

Quant Time: Mar 12 02:06:31 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	6.898	152	236019	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	922095	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	466788	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	612147	20.000	ng	0.00
76) Chrysene-d12	14.092	240	397873	20.000	ng	0.00
86) Perylene-d12	15.645	264	437869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1171714	75.189	ng	0.00
7) Phenol-d6	6.551	99	1617879	71.924	ng	0.00
23) Nitrobenzene-d5	7.463	82	998487	50.313	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	284050	69.294	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1537143	51.548	ng	0.00
79) Terphenyl-d14	13.027	244	1049500	36.272	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	313313	36.770	ng	98
3) Pyridine	3.640	79	728205	35.435	ng	98
4) n-Nitrosodimethylamine	3.628	42	337957	41.185	ng	95
6) Aniline	6.575	93	558023	20.302	ng	99
8) 2-Chlorophenol	6.692	128	727086	44.236	ng	99
9) Benzaldehyde	6.457	77	272243	24.704	ng	98
10) Phenol	6.563	94	998085	41.224	ng	100
11) bis(2-Chloroethyl)ether	6.645	93	729361	41.109	ng	99
12) 1,3-Dichlorobenzene	6.839	146	754538	42.960	ng	99
13) 1,4-Dichlorobenzene	6.916	146	769563	42.824	ng	98
14) 1,2-Dichlorobenzene	7.069	146	731700	44.361	ng	97
15) Benzyl Alcohol	7.045	79	681428	48.659	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1171386	38.410	ng	92
17) 2-Methylphenol	7.157	107	593478	38.587	ng	98
18) Hexachloroethane	7.404	117	267274	45.169	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	539767	38.858	ng	99
20) 3+4-Methylphenols	7.310	107	690726	39.213	ng	96
22) Acetophenone	7.310	105	960682	43.060	ng	99
24) Nitrobenzene	7.481	77	827319	41.499	ng	97
25) Isophorone	7.716	82	1573661	41.739	ng	99
26) 2-Nitrophenol	7.792	139	378306	47.798	ng	98
27) 2,4-Dimethylphenol	7.834	122	516602	34.932	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	948413	42.873	ng	100
29) 2,4-Dichlorophenol	8.034	162	597726	44.038	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	616914	43.191	ng	99
31) Naphthalene	8.192	128	2032248	41.077	ng	100
32) Benzoic acid	7.981	122	389283	46.009	ng	98
33) 4-Chloroaniline	8.251	127	145464	7.498	ng	98
34) Hexachlorobutadiene	8.310	225	373052	44.239	ng	99
35) Caprolactam	8.628	113	141250	30.691	ng	92
36) 4-Chloro-3-methylphenol	8.739	107	636181	41.932	ng	97
37) 2-Methylnaphthalene	8.886	142	1245052	39.476	ng	98
38) 1-Methylnaphthalene	8.986	142	1151816	38.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	607033	46.582	ng	100
41) Hexachlorocyclopentadiene	9.039	237	427904	80.414	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	396478	46.720	ng	99

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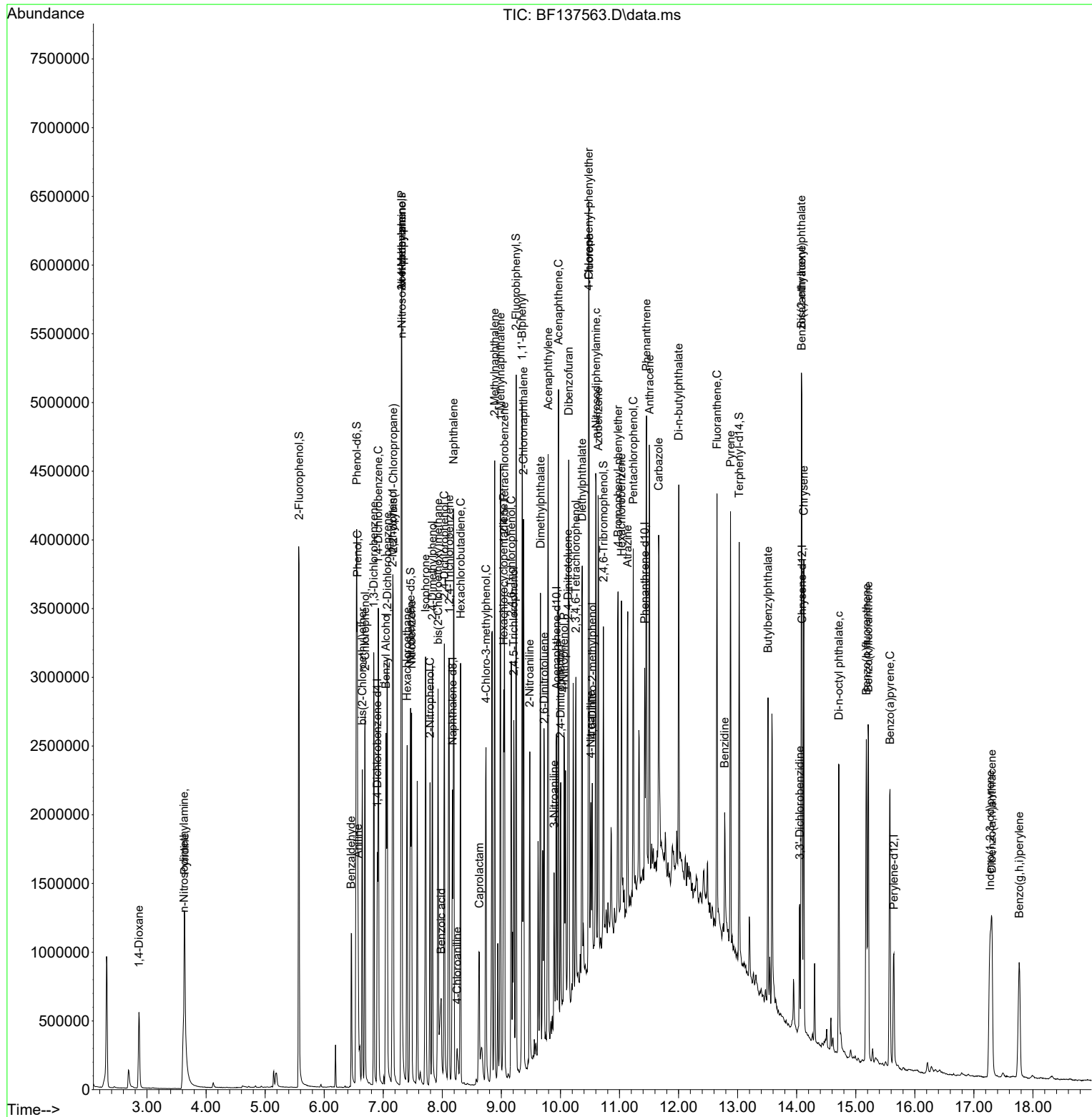
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	420422	43.007	ng	95
46) 1,1'-Biphenyl	9.351	154	1507656	44.129	ng	99
47) 2-Chloronaphthalene	9.375	162	1185296	45.505	ng	99
48) 2-Nitroaniline	9.480	65	400397	45.225	ng	98
49) Acenaphthylene	9.792	152	1780918	42.723	ng	100
50) Dimethylphthalate	9.663	163	1417736	43.631	ng	100
51) 2,6-Dinitrotoluene	9.728	165	310807	45.731	ng	# 83
52) Acenaphthene	9.969	154	988107	39.705	ng	99
53) 3-Nitroaniline	9.892	138	184098	25.609	ng	94
54) 2,4-Dinitrophenol	10.004	184	228604	70.097	ng	96
55) Dibenzofuran	10.139	168	1505507	39.719	ng	98
56) 4-Nitrophenol	10.063	139	351582	69.379	ng	94
57) 2,4-Dinitrotoluene	10.128	165	354207	42.420	ng	95
58) Fluorene	10.486	166	1074744	36.920	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305546	38.977	ng	95
60) Diethylphthalate	10.369	149	1265182	41.232	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	538732	37.762	ng	95
62) 4-Nitroaniline	10.516	138	217696	35.233	ng	95
63) Azobenzene	10.639	77	1344495	38.052	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	166216	48.718	ng	91
66) n-Nitrosodiphenylamine	10.604	169	961882	48.797	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	332472	49.866	ng	98
68) Hexachlorobenzene	11.033	284	339741	50.450	ng	96
69) Atrazine	11.139	200	290413	48.464	ng	98
70) Pentachlorophenol	11.233	266	330184	81.108	ng	99
71) Phenanthrene	11.457	178	1400267	42.032	ng	100
72) Anthracene	11.510	178	1434772	41.933	ng	99
73) Carbazole	11.663	167	1170775	39.947	ng	99
74) Di-n-butylphthalate	12.004	149	1499287	42.997	ng	99
75) Fluoranthene	12.651	202	1258661	38.652	ng	99
77) Benzidine	12.780	184	437705	44.953	ng	100
78) Pyrene	12.880	202	1313424	33.643	ng	100
80) Butylbenzylphthalate	13.516	149	485086	48.653	ng	98
81) Benzo(a)anthracene	14.086	228	1219523	43.732	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	238665	32.138	ng	99
83) Chrysene	14.121	228	1199002	42.541	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	667903	52.705	ng	99
85) Di-n-octyl phthalate	14.715	149	1399540	56.216	ng	98
87) Indeno(1,2,3-cd)pyrene	17.274	276	1031187	35.787	ng	98
88) Benzo(b)fluoranthene	15.180	252	1309205	50.545	ng	100
89) Benzo(k)fluoranthene	15.215	252	1106050	39.756	ng	98
90) Benzo(a)pyrene	15.580	252	1101010	43.135	ng	99
91) Dibenzo(a,h)anthracene	17.304	278	829475	35.486	ng	98
92) Benzo(g,h,i)perylene	17.768	276	766284	31.921	ng	99

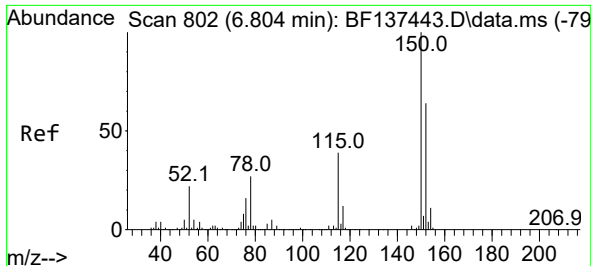
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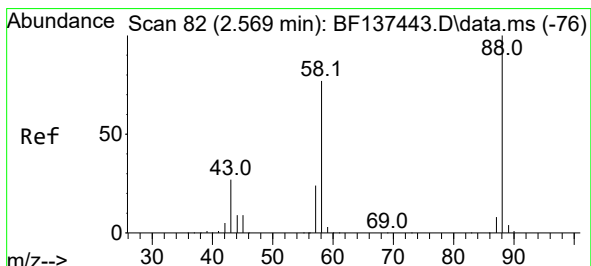
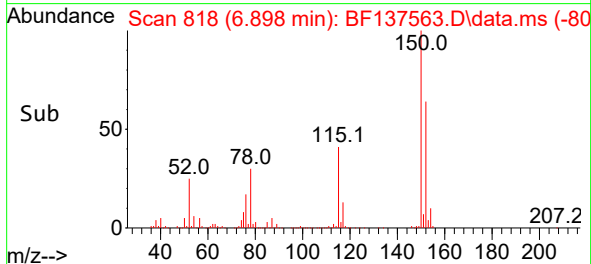
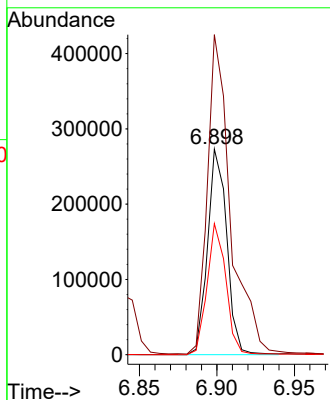
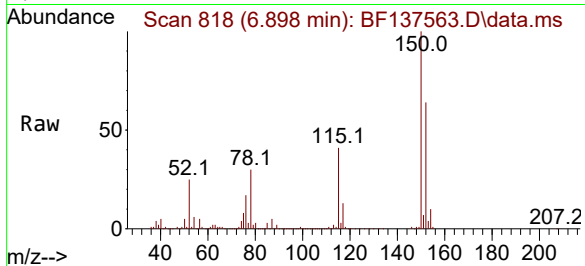




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

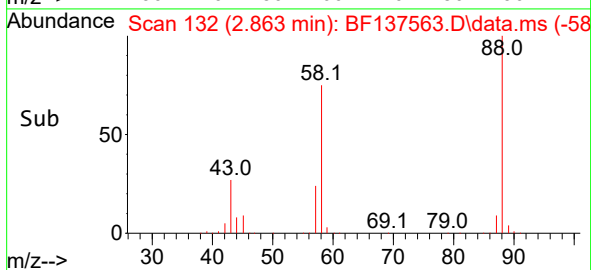
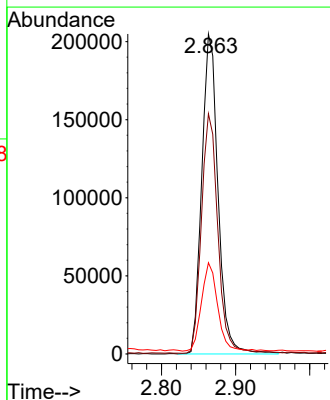
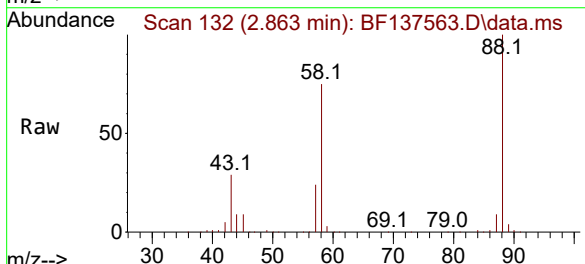
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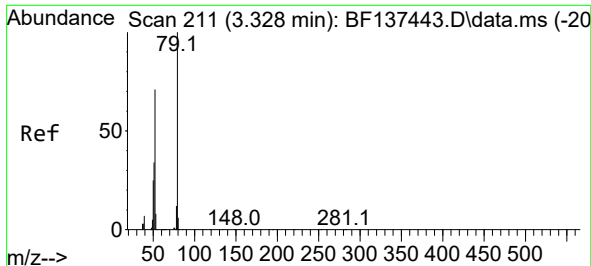
Tgt Ion:152 Resp: 236019
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.8 188.6
 115 63.7 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.770 ng
 RT: 2.863 min Scan# 132
 Delta R.T. 0.088 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

Tgt Ion: 88 Resp: 313313
 Ion Ratio Lower Upper
 88 100
 58 75.6 61.8 92.8
 43 27.7 22.2 33.4

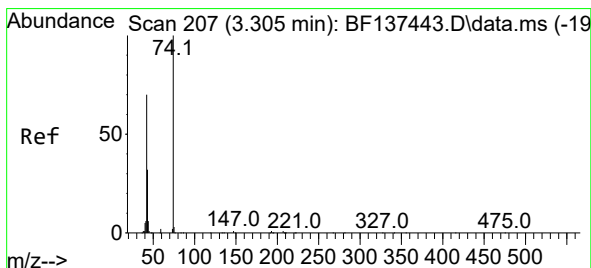
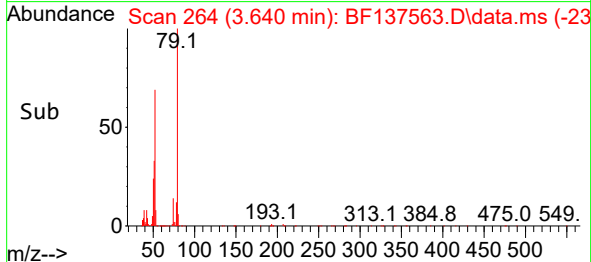
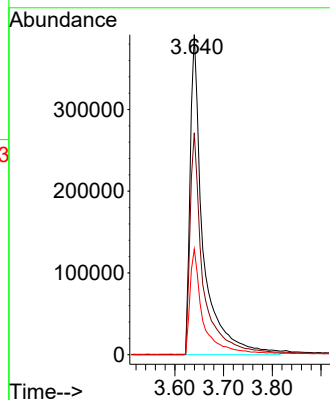
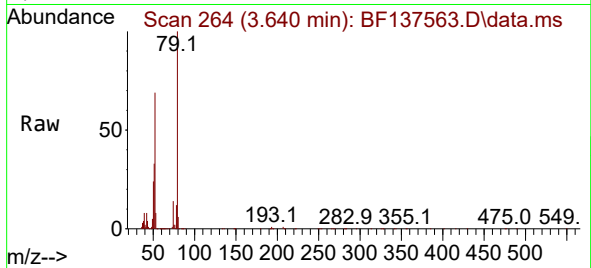




#3
Pyridine
Concen: 35.435 ng
RT: 3.640 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

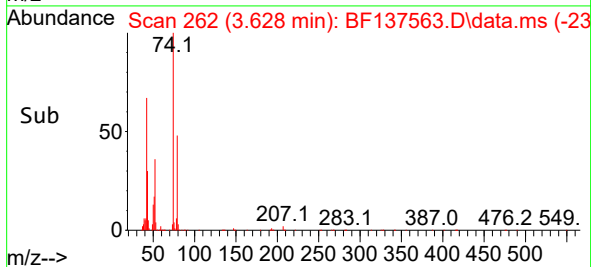
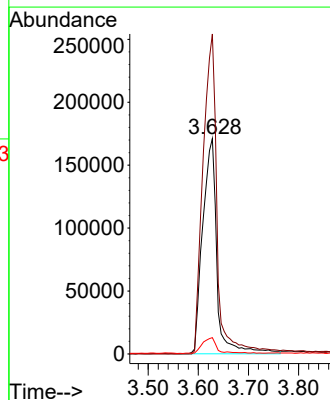
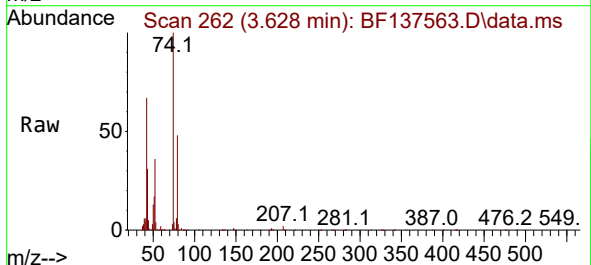
Instrument :
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ClientSampleId :
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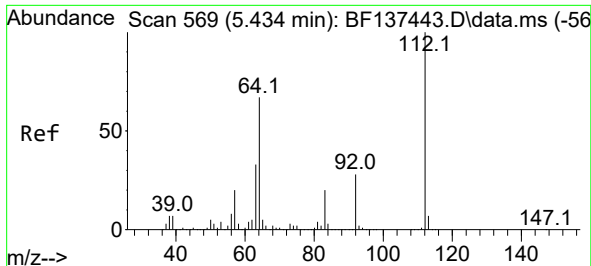
Tgt Ion: 79 Resp: 728205
Ion Ratio Lower Upper
79 100
52 69.4 57.0 85.4
51 33.0 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 41.185 ng
RT: 3.628 min Scan# 262
Delta R.T. 0.059 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion: 42 Resp: 337957
Ion Ratio Lower Upper
42 100
74 148.6 114.0 171.0
44 7.6 7.0 10.4

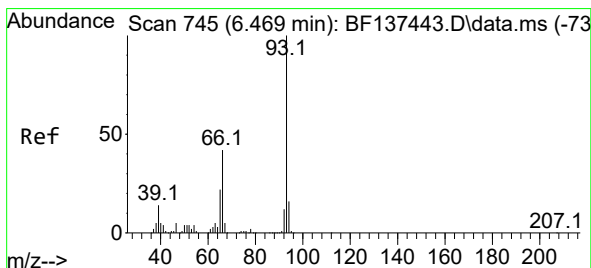
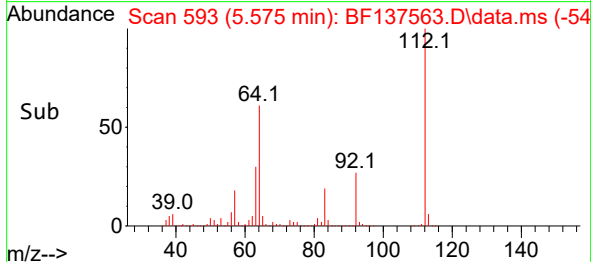
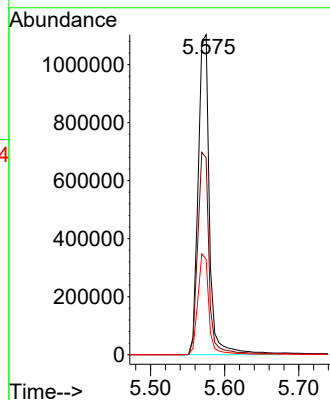
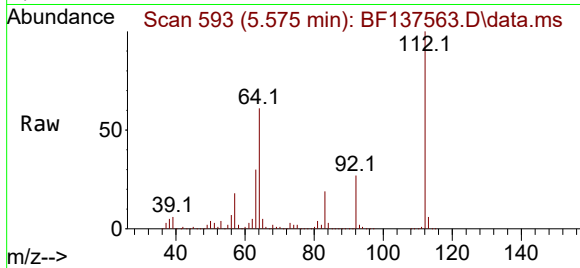




#5
2-Fluorophenol
Concen: 75.189 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

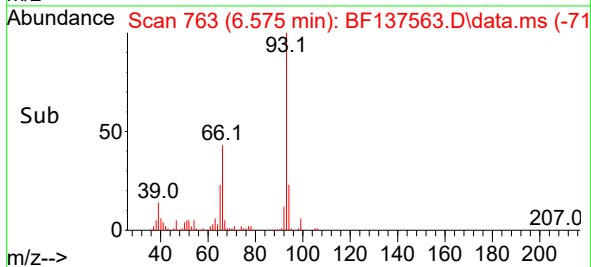
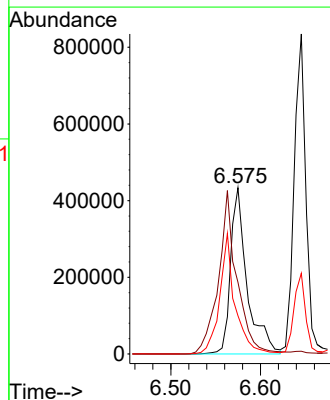
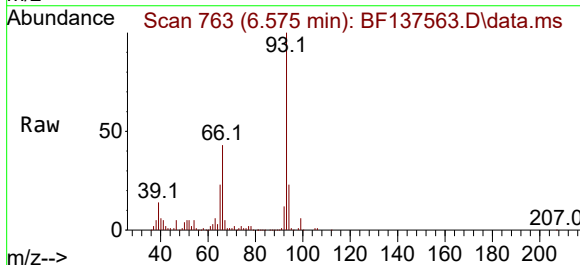
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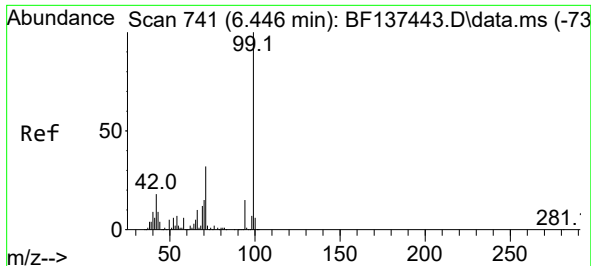
Tgt Ion:112 Resp: 1171714
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 29.9 26.2 39.2



#6
Aniline
Concen: 20.302 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion: 93 Resp: 558023
Ion Ratio Lower Upper
93 100
66 43.1 34.0 51.0
65 23.0 17.8 26.8

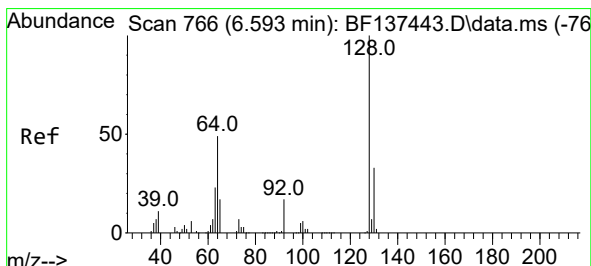
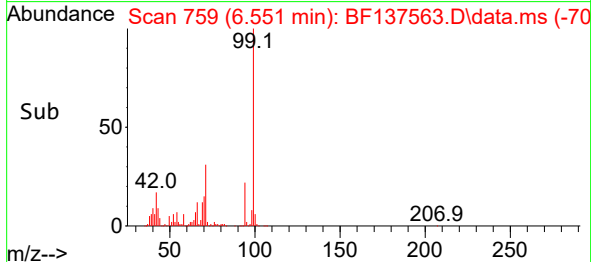
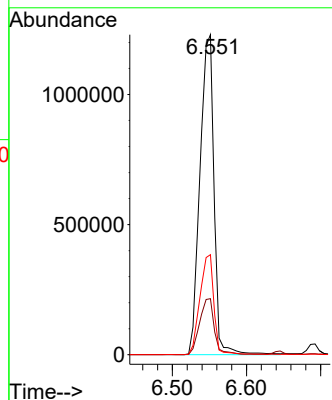
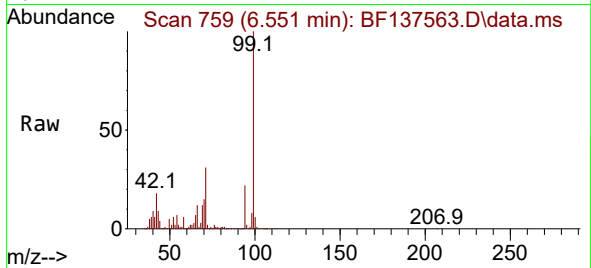




#7
Phenol-d6
Concen: 71.924 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

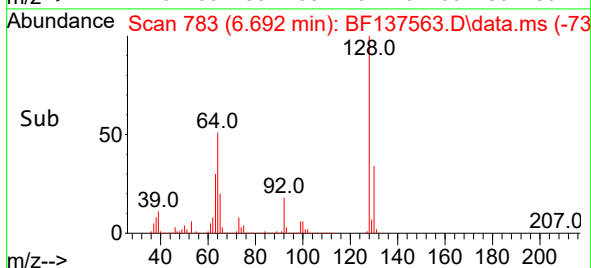
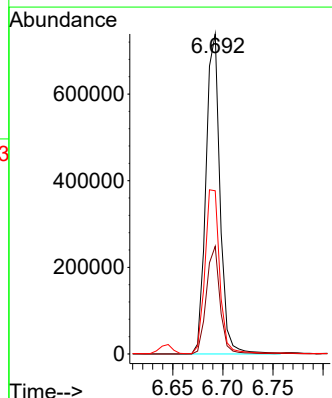
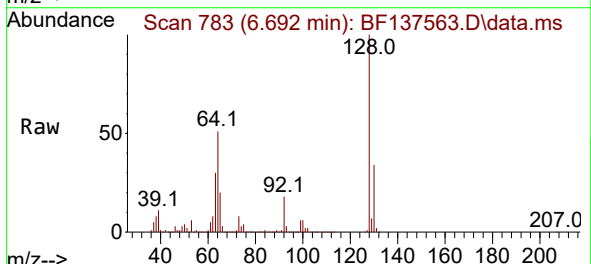
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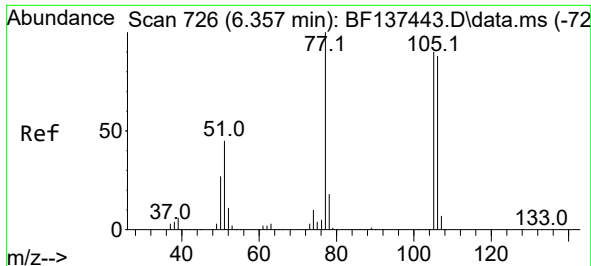
Tgt Ion: 99 Resp: 1617879
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 31.3 25.3 37.9



#8
2-Chlorophenol
Concen: 44.236 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 727086
Ion Ratio Lower Upper
128 100
130 33.7 13.4 53.4
64 51.0 30.0 70.0

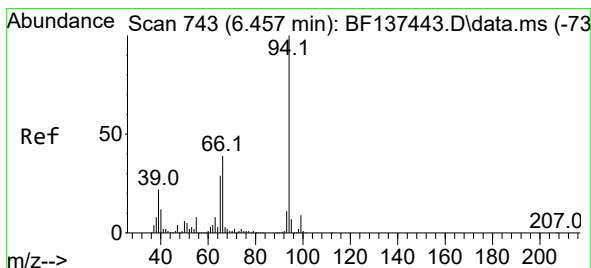
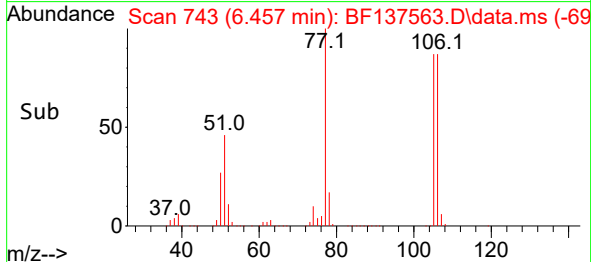
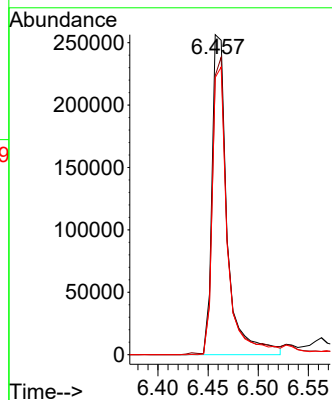
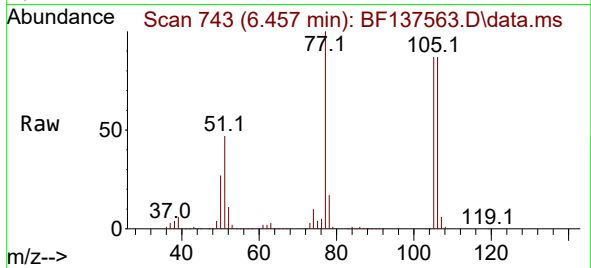




#9
Benzaldehyde
Concen: 24.704 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF137563.D
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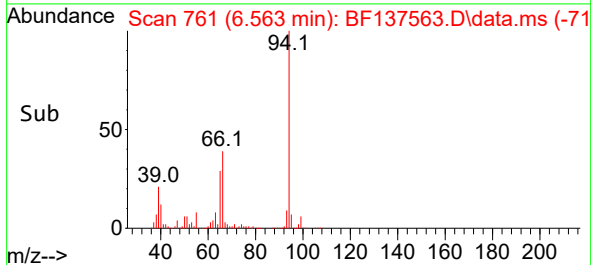
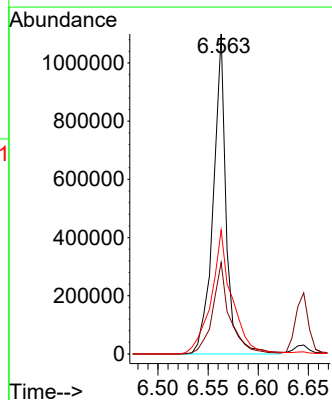
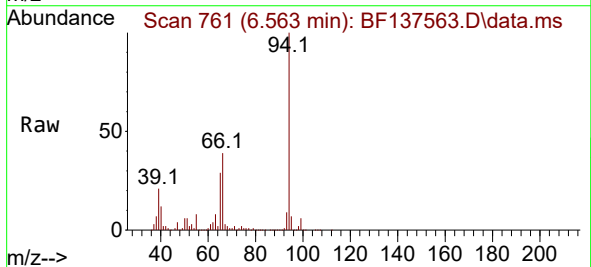
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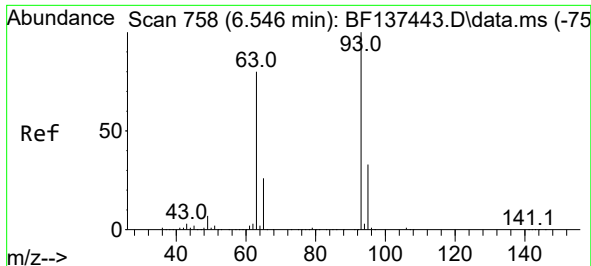
Tgt Ion: 77 Resp: 272243
Ion Ratio Lower Upper
77 100
105 87.2 69.8 109.8
106 86.6 67.8 107.8



#10
Phenol
Concen: 41.224 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion: 94 Resp: 998085
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 38.7 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 41.109 ng

RT: 6.645 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

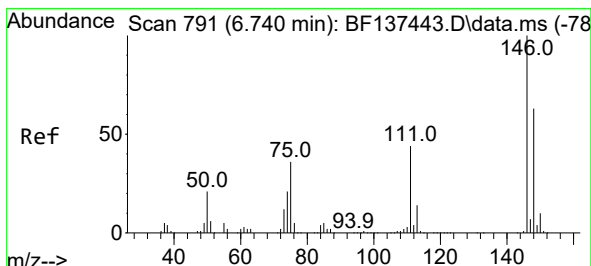
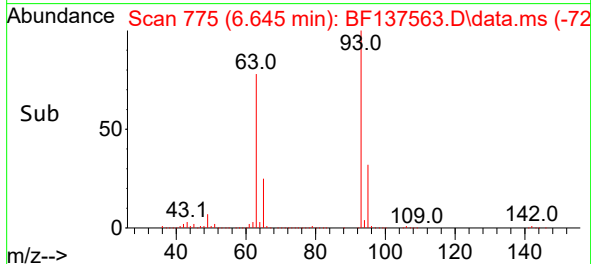
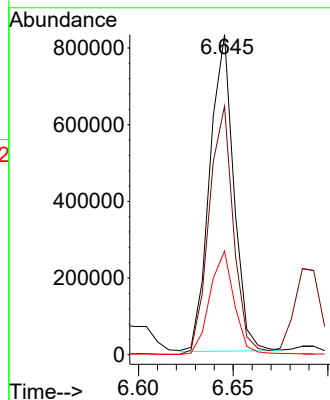
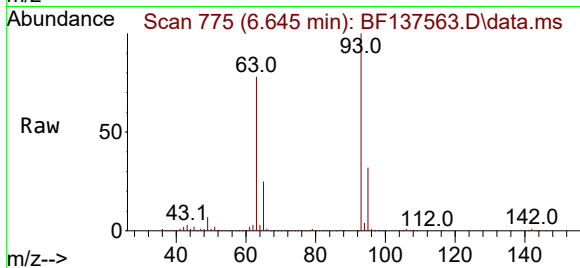
Tgt Ion: 93 Resp: 729361

Ion Ratio Lower Upper

93 100

63 77.6 58.9 98.9

95 32.4 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 42.960 ng

RT: 6.839 min Scan# 808

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

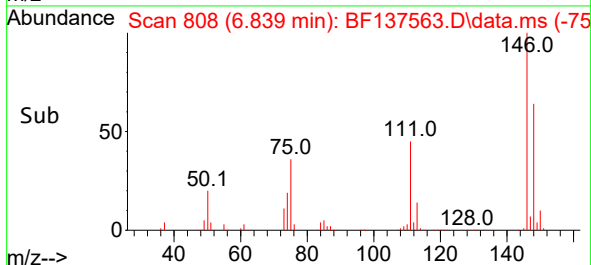
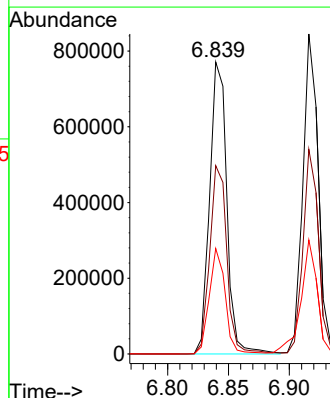
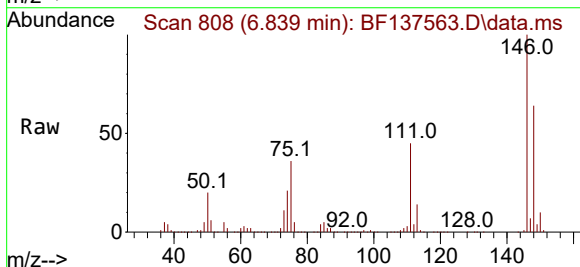
Tgt Ion: 146 Resp: 754538

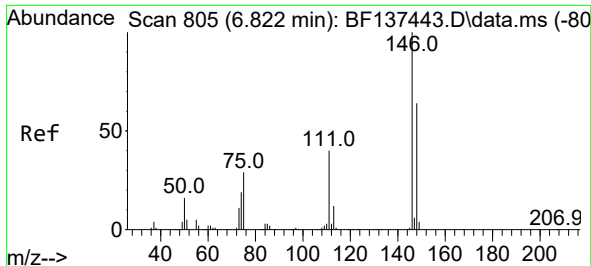
Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

75 36.1 29.0 43.4

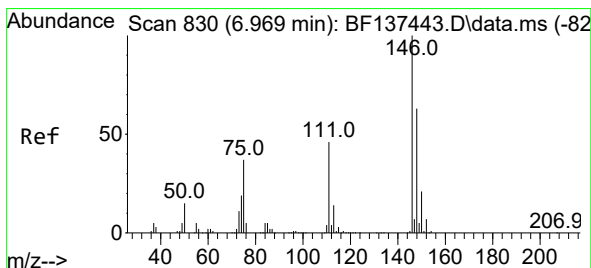
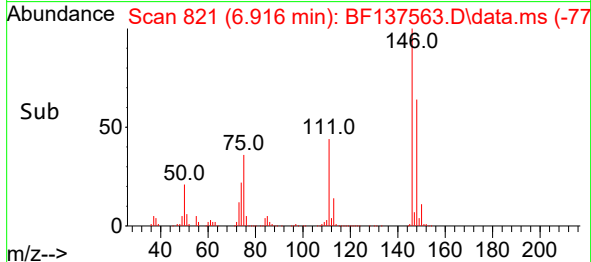
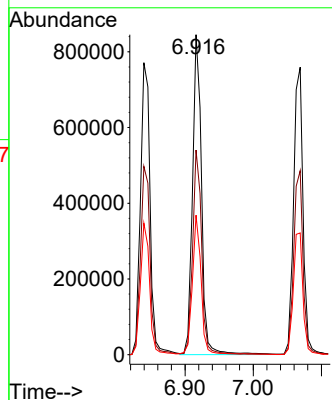
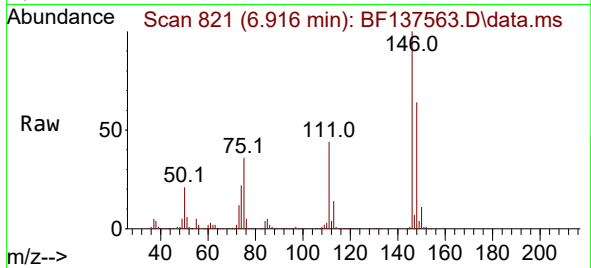




#13
1,4-Dichlorobenzene
Concen: 42.824 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

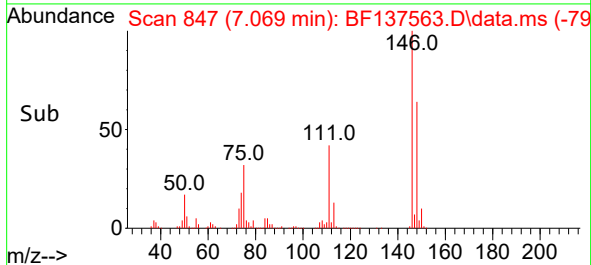
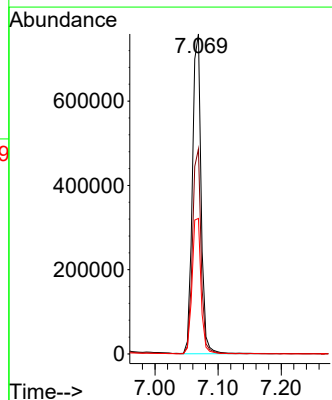
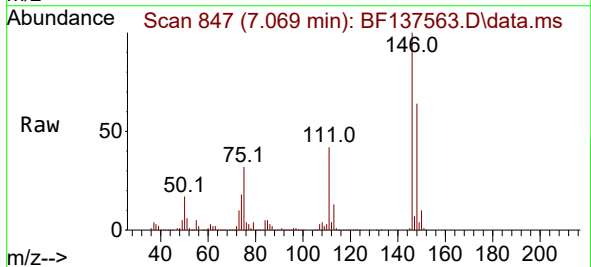
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

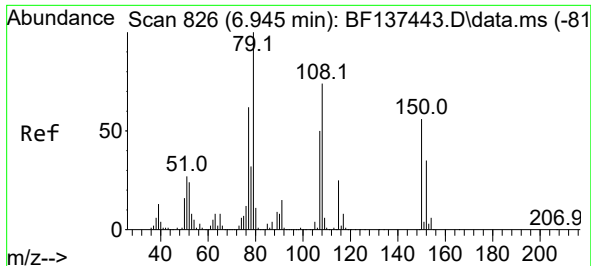
Tgt Ion:146 Resp: 769563
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 43.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 44.361 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:146 Resp: 731700
Ion Ratio Lower Upper
146 100
148 64.0 50.0 75.0
111 42.4 36.8 55.2

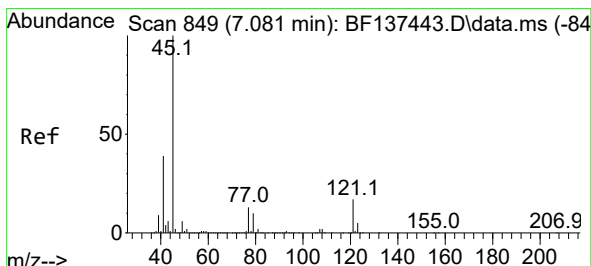
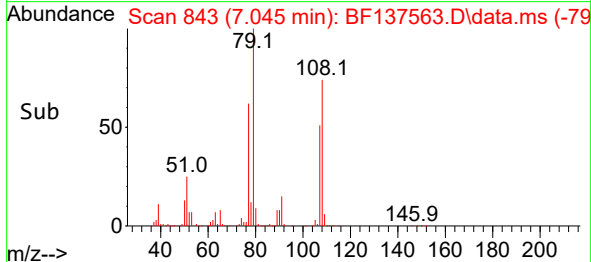
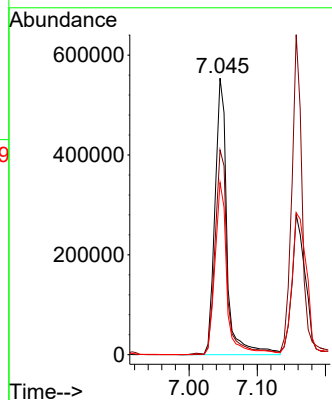
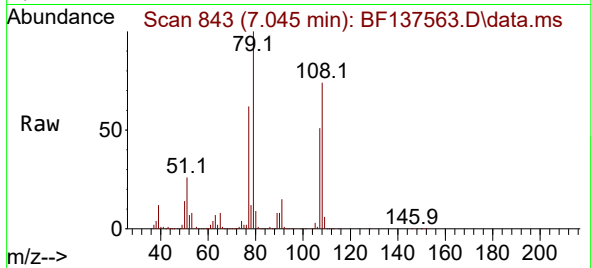




#15
Benzyl Alcohol
Concen: 48.659 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

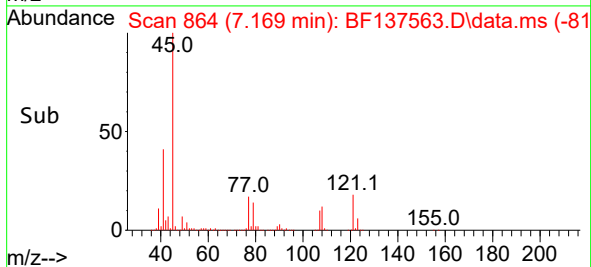
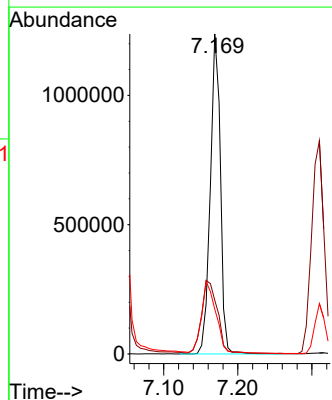
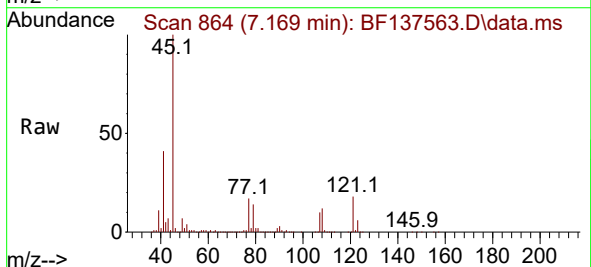
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

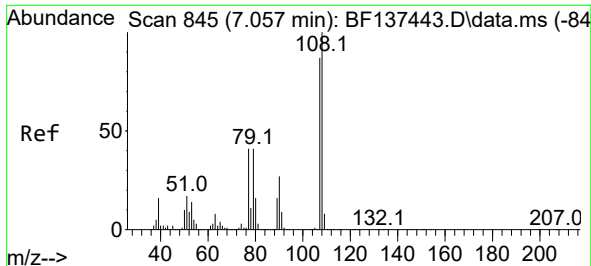
Tgt Ion: 79 Resp: 681428
Ion Ratio Lower Upper
79 100
108 74.0 59.5 89.3
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.410 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion: 45 Resp: 1171386
Ion Ratio Lower Upper
45 100
77 16.8 0.0 33.4
79 14.0 0.0 30.9

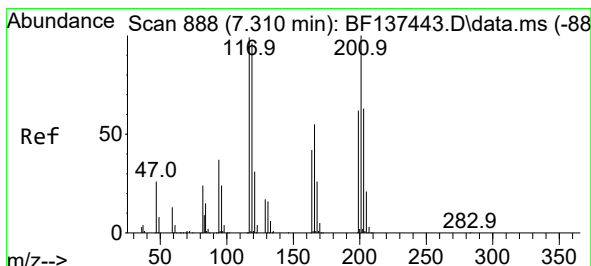
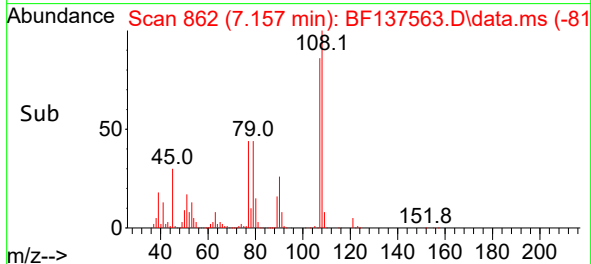
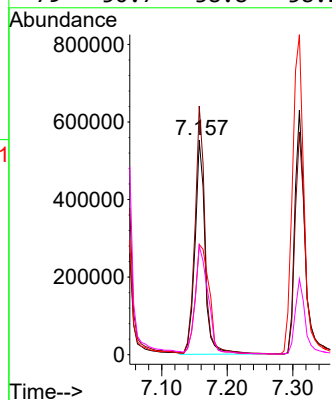
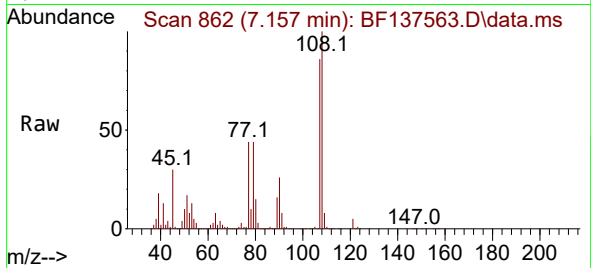




#17
2-Methylphenol
Concen: 38.587 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

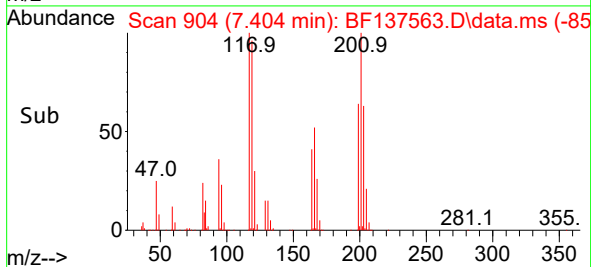
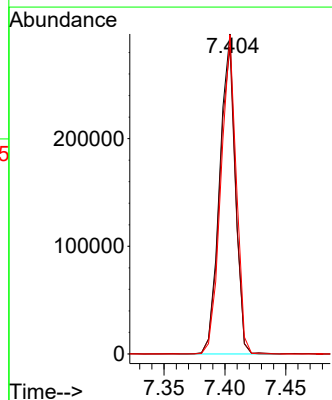
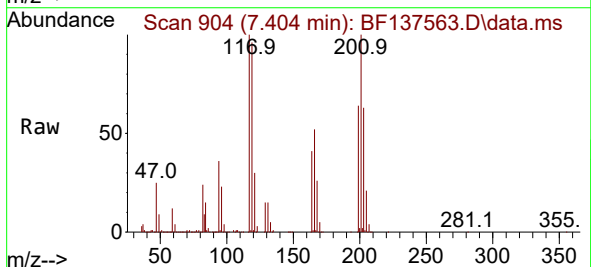
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

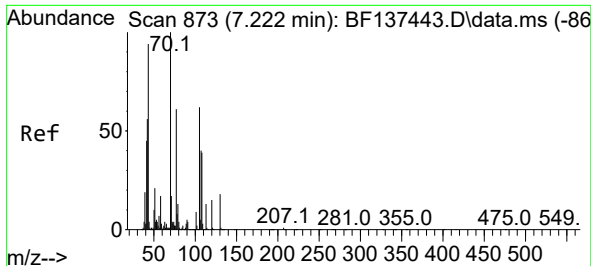
Tgt Ion:107 Resp: 593478
Ion Ratio Lower Upper
107 100
108 115.8 92.2 138.4
77 51.4 38.6 57.8
79 50.7 38.8 58.2



#18
Hexachloroethane
Concen: 45.169 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:117 Resp: 267274
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 99.8 80.6 121.0



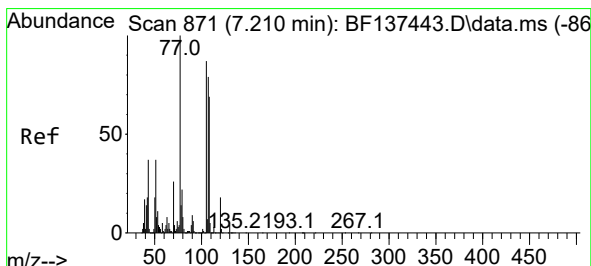
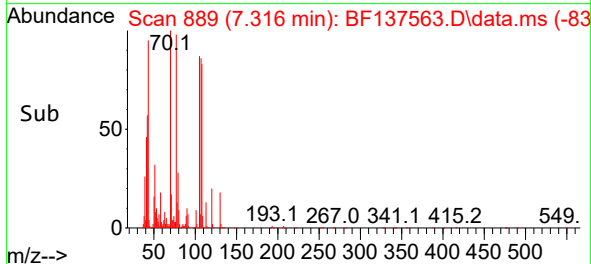
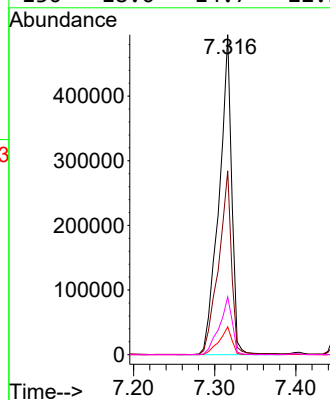
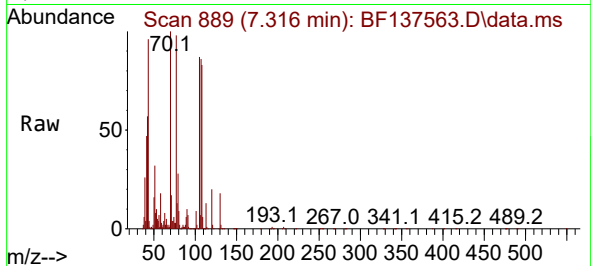


#19
n-Nitroso-di-n-propylamine
Concen: 38.858 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Instrument :
BNA_F
ClientSampleId :
RT3471MSD

Tgt Ion: 70 Resp: 539767

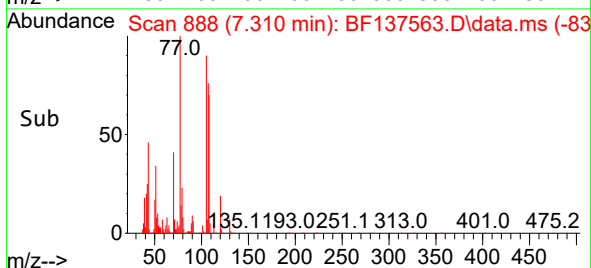
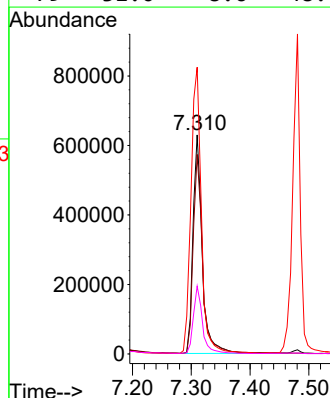
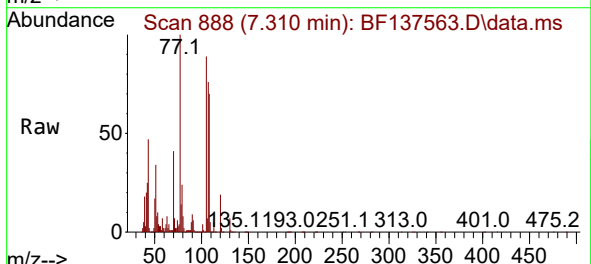
Ion	Ratio	Lower	Upper
70	100		
42	57.5	45.2	67.8
101	8.7	7.3	10.9
130	18.0	14.7	22.1

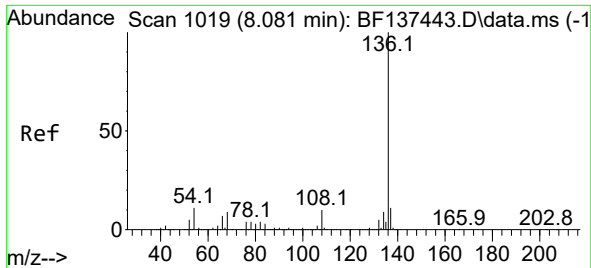


#20
3+4-Methylphenols
Concen: 39.213 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion: 107 Resp: 690726

Ion	Ratio	Lower	Upper
107	100		
108	91.1	67.6	107.6
77	130.9	107.1	147.1
79	31.0	8.6	48.6



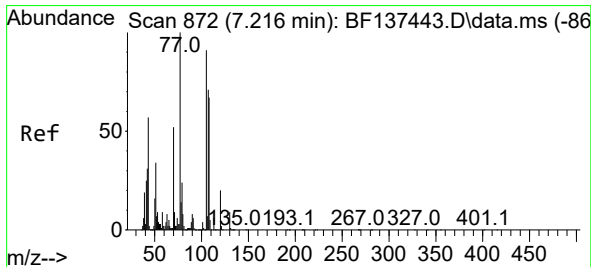
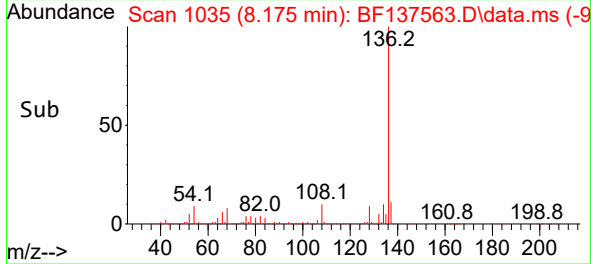
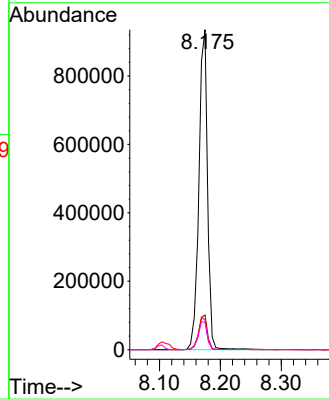
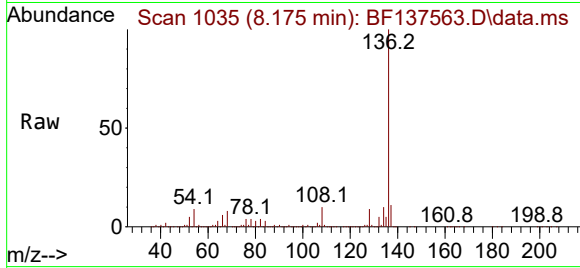


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Instrument :
BNA_F
ClientSampleId :
RT3471MSD

Tgt Ion:136 Resp: 922095

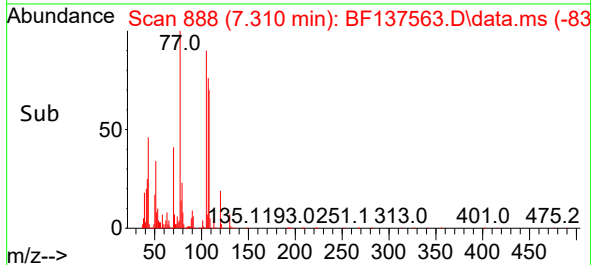
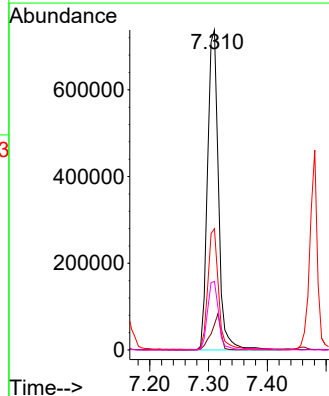
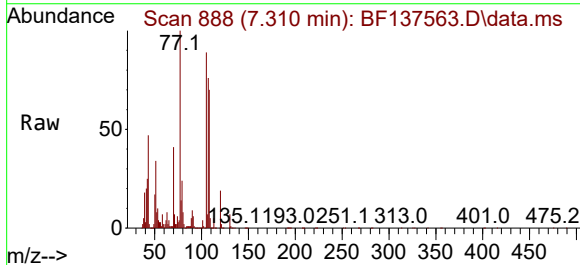
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.3	8.5	12.7
68	8.5	7.4	11.2

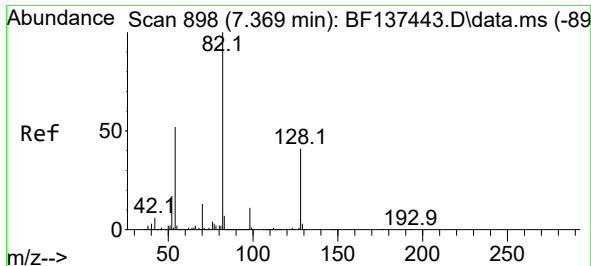


#22
Acetophenone
Concen: 43.060 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:105 Resp: 960682

Ion	Ratio	Lower	Upper
105	100		
71	7.9	7.7	11.5
51	37.9	30.4	45.6
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 50.313 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

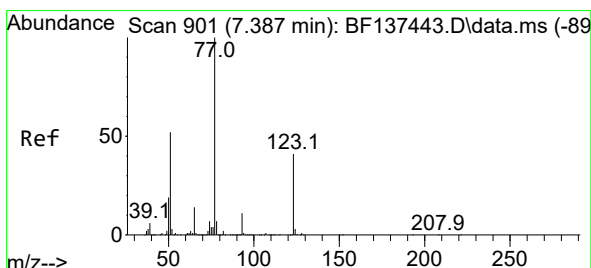
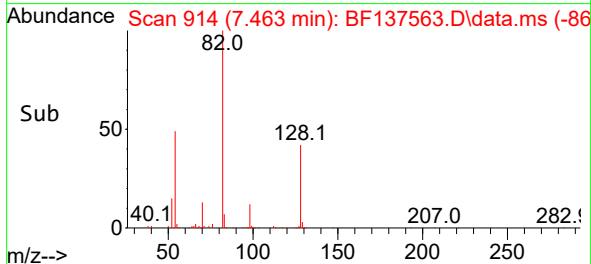
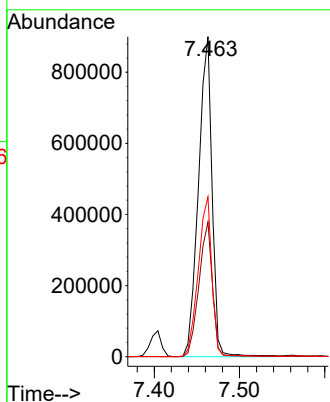
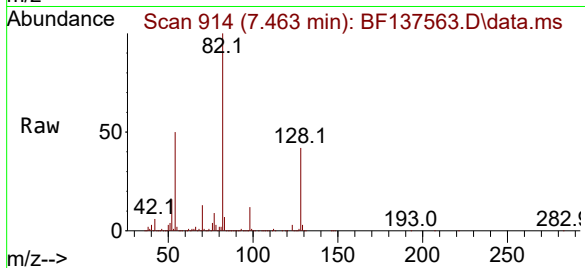
Tgt Ion: 82 Resp: 998487

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 50.0 41.5 62.3



#24

Nitrobenzene

Concen: 41.499 ng

RT: 7.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

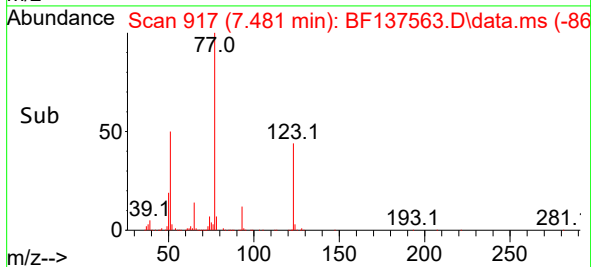
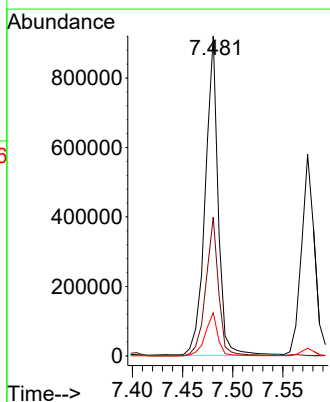
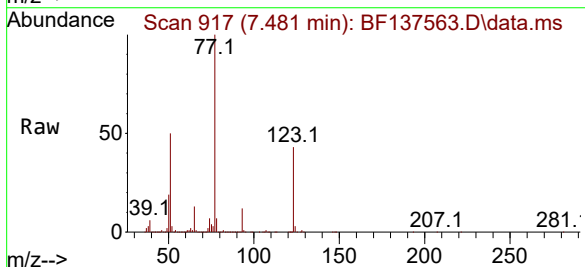
Tgt Ion: 77 Resp: 827319

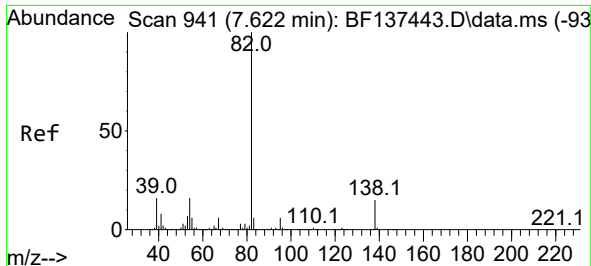
Ion Ratio Lower Upper

77 100

123 43.4 33.0 49.6

65 13.5 10.9 16.3

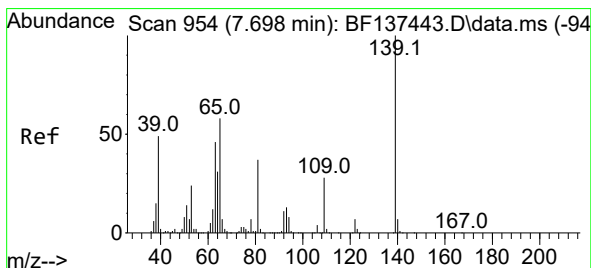
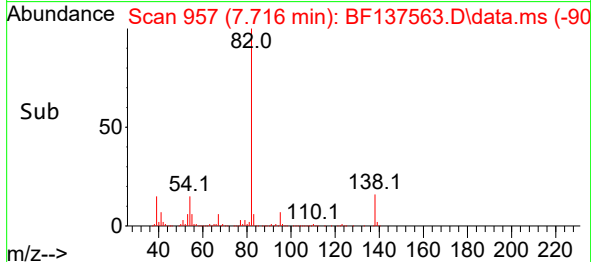
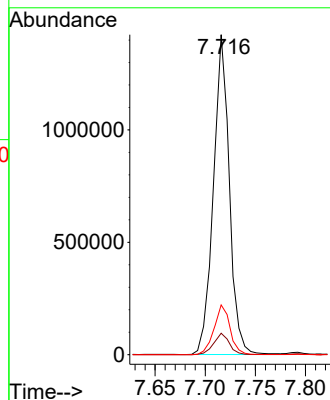
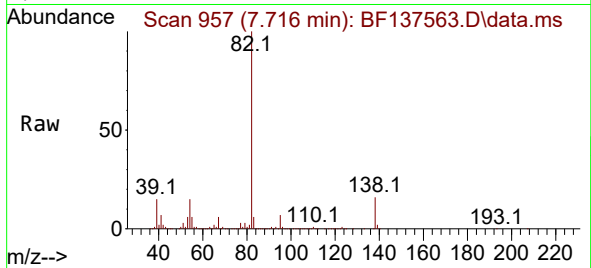




#25
Isophorone
Concen: 41.739 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

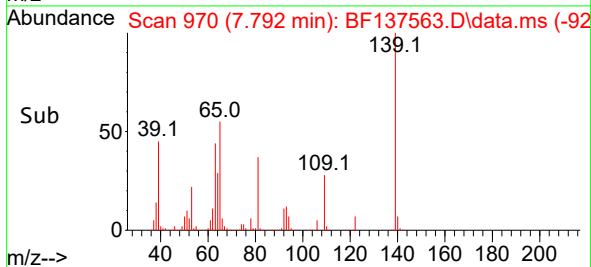
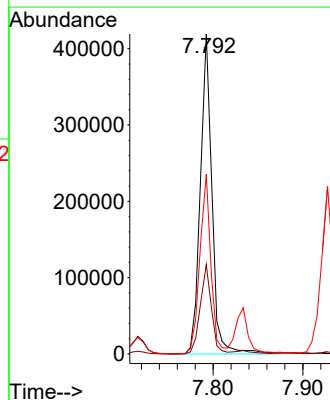
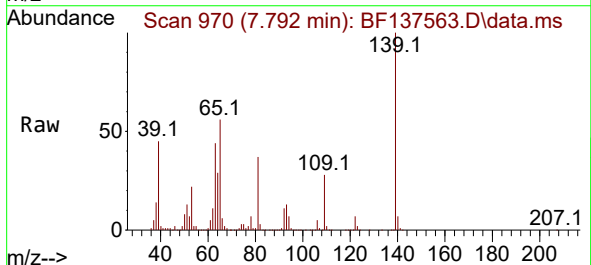
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

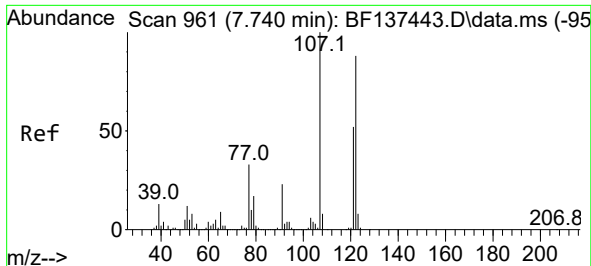
Tgt Ion: 82 Resp: 1573661
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.5 11.8 17.8



#26
2-Nitrophenol
Concen: 47.798 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:139 Resp: 378306
Ion Ratio Lower Upper
139 100
109 28.0 22.2 33.4
65 56.2 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 34.932 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137563.D

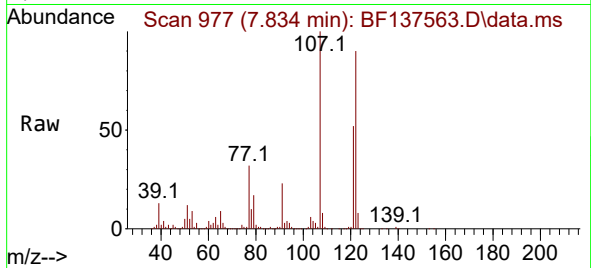
Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD



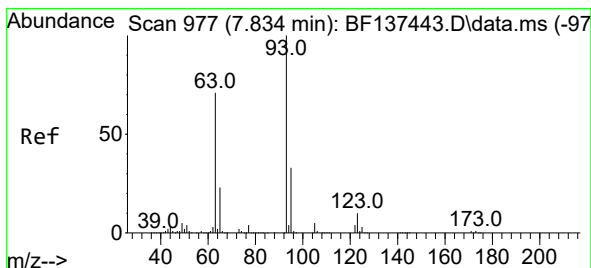
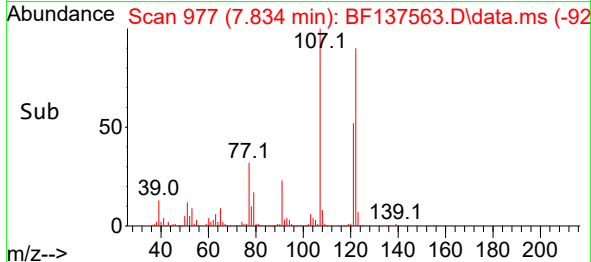
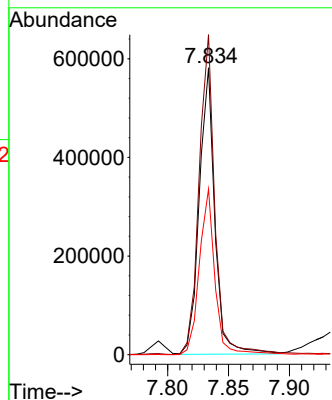
Tgt Ion:122 Resp: 516602

Ion Ratio Lower Upper

122 100

107 111.5 90.9 136.3

121 57.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.873 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

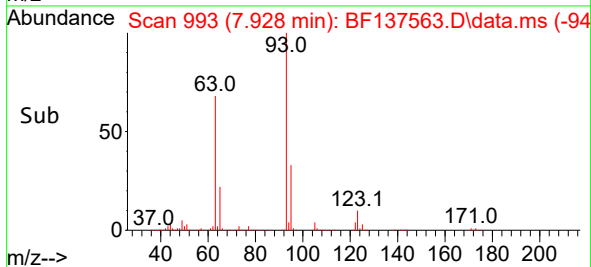
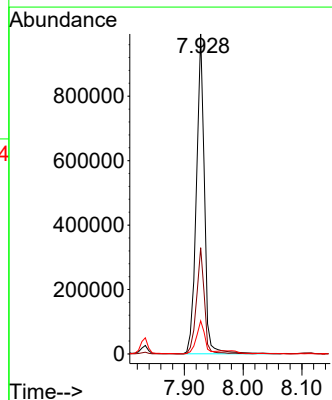
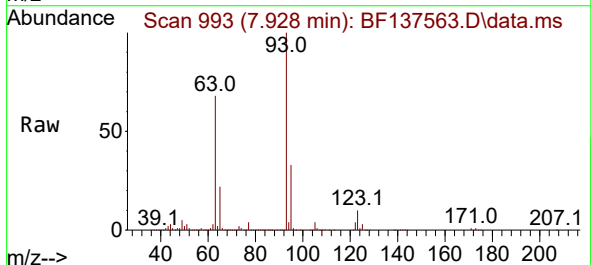
Tgt Ion: 93 Resp: 948413

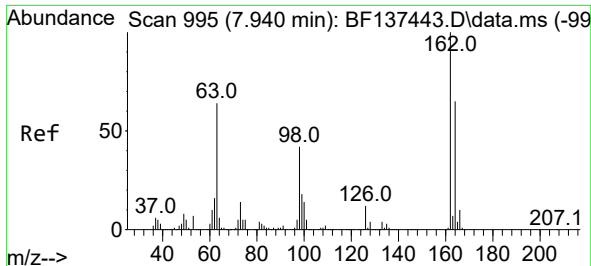
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.038 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

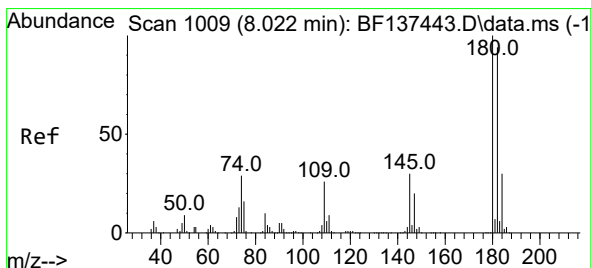
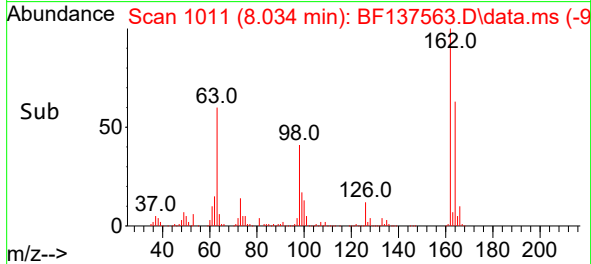
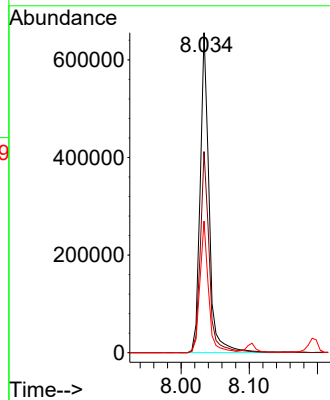
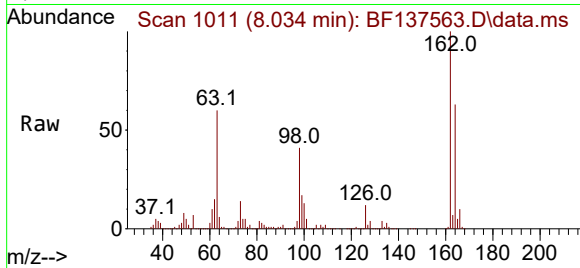
Tgt Ion:162 Resp: 597726

Ion Ratio Lower Upper

162 100

164 62.9 44.7 84.7

98 41.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 43.191 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

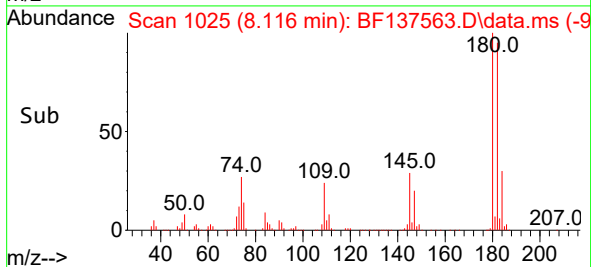
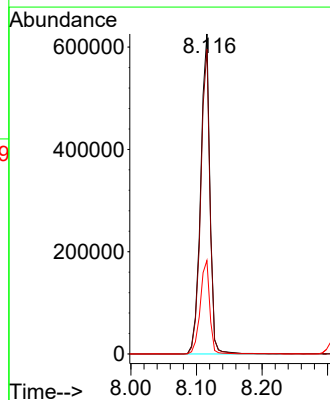
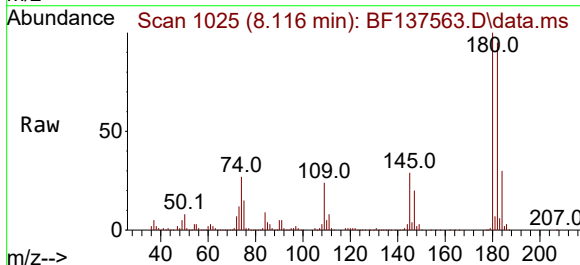
Tgt Ion:180 Resp: 616914

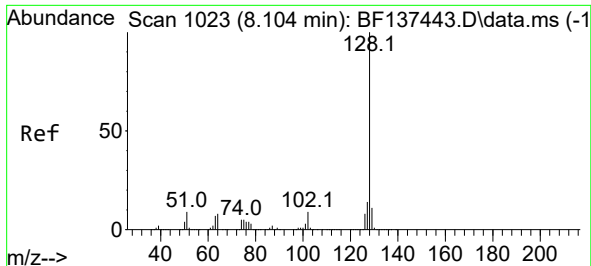
Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

145 29.2 23.7 35.5

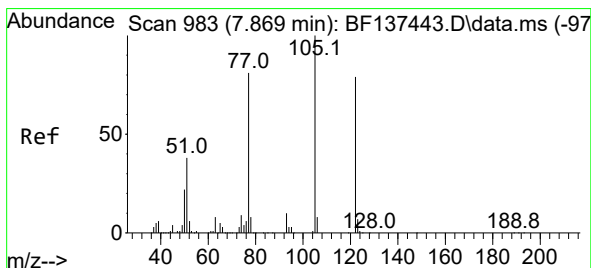
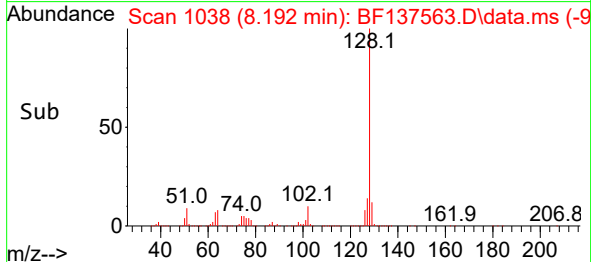
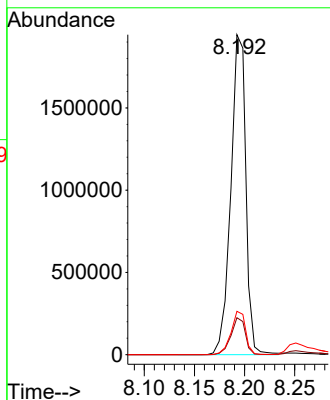
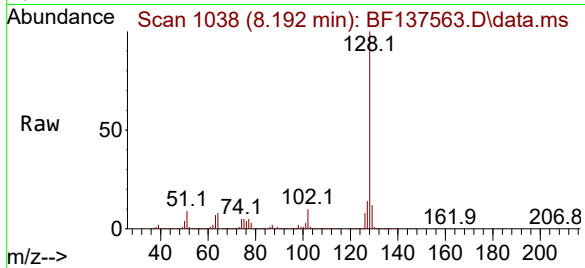




#31
Naphthalene
Concen: 41.077 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

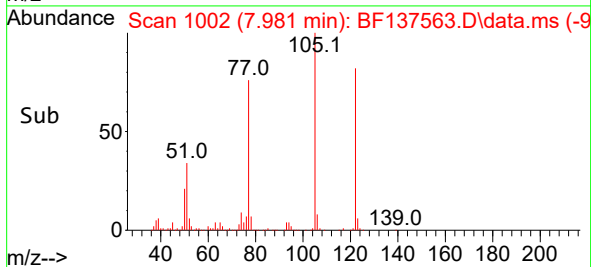
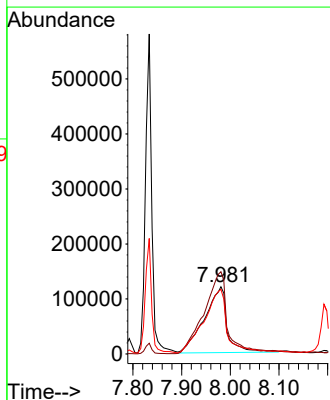
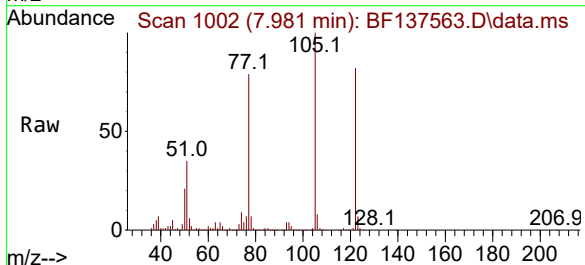
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

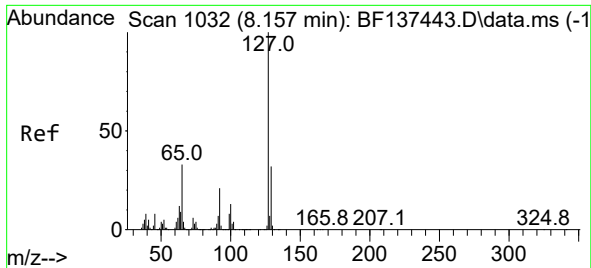
Tgt Ion:128 Resp: 2032248
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 46.009 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:122 Resp: 389283
Ion Ratio Lower Upper
122 100
105 122.4 102.4 142.4
77 96.3 81.1 121.1

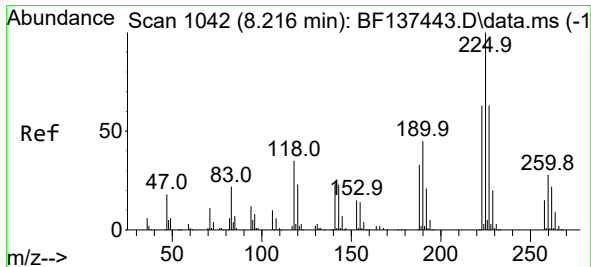
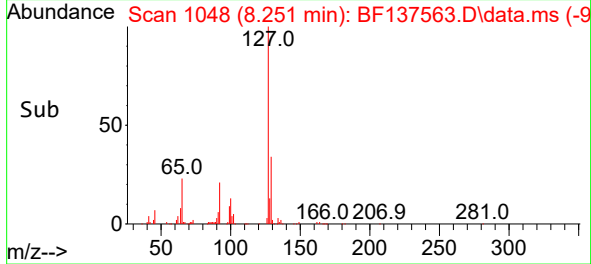
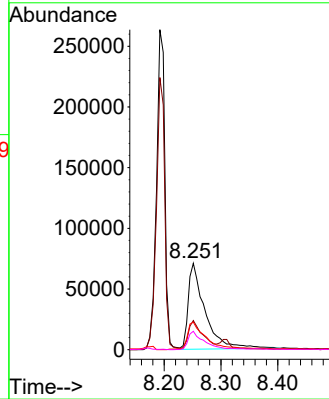
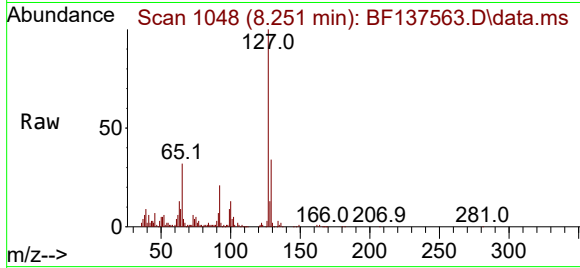




#33
4-Chloroaniline
Concen: 7.498 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

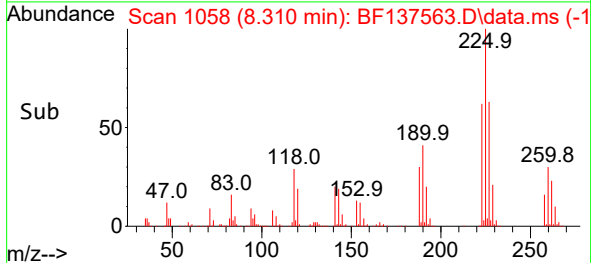
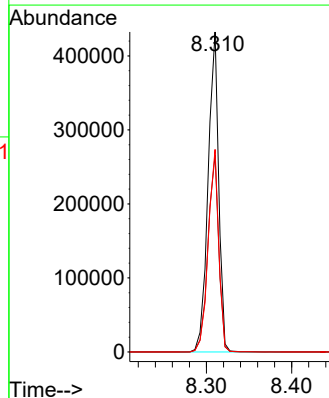
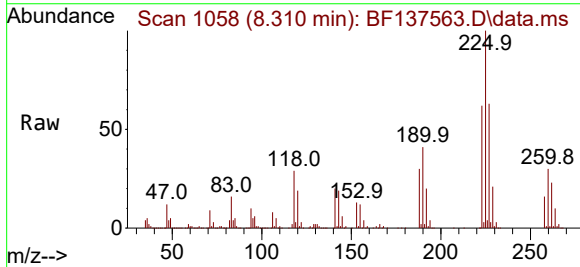
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

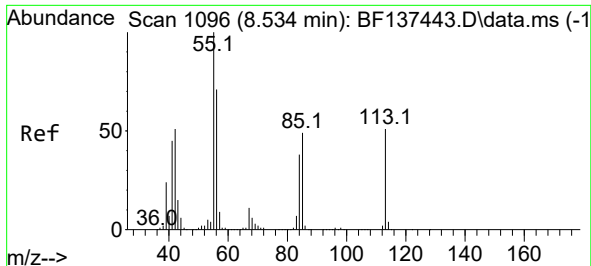
Tgt Ion:	127	Resp:	145464
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.0	39.0
65	31.9	26.8	40.2
92	21.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 44.239 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:	225	Resp:	373052
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	63.3	50.6	75.8

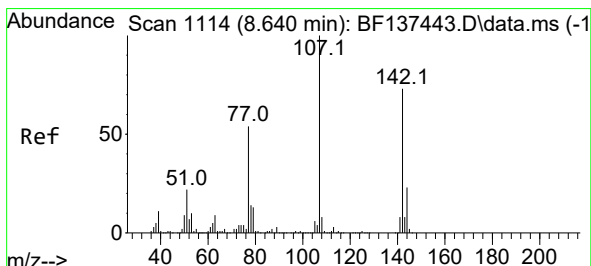
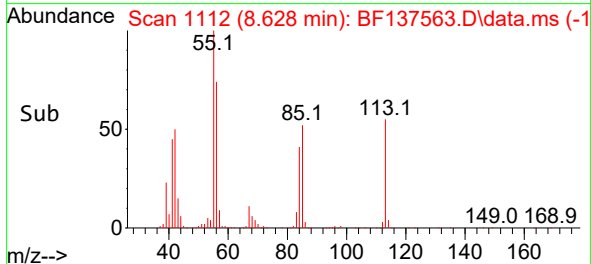
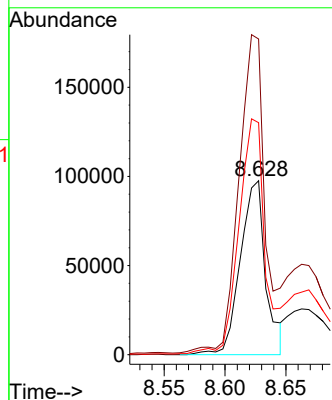
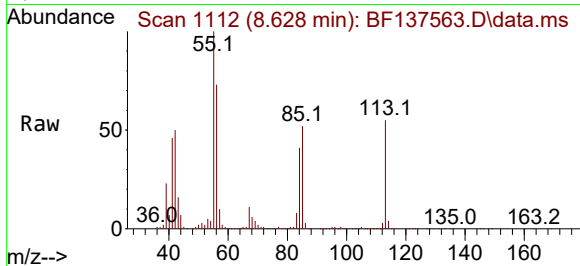




#35
 Caprolactam
 Concen: 30.691 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.012 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

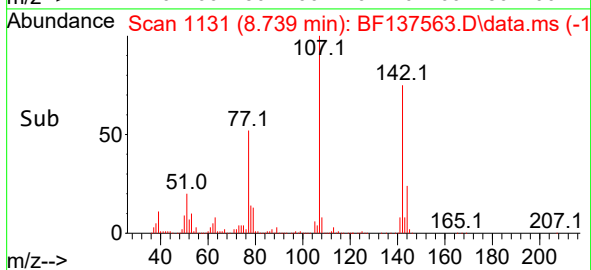
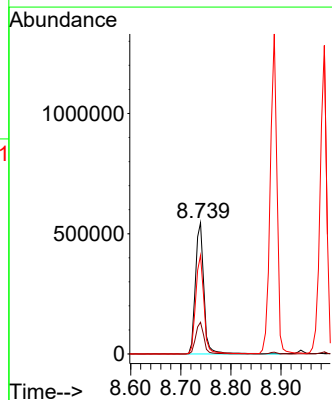
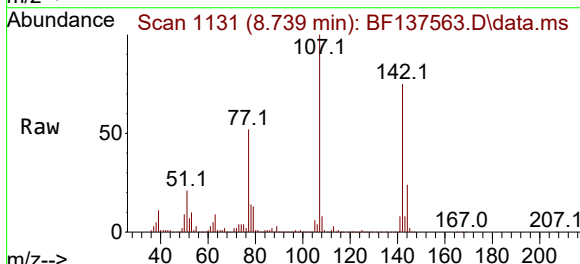
Instrument :
 BNA_F
 ClientSampleId :
 RT3471MSD

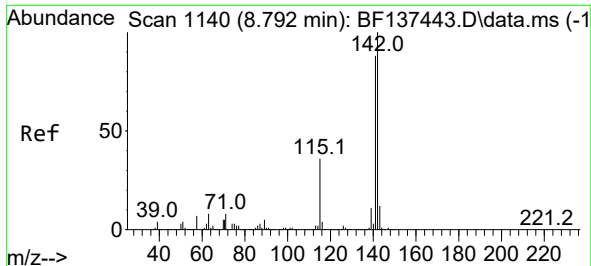
Tgt Ion:113 Resp: 141250
 Ion Ratio Lower Upper
 113 100
 55 181.5 176.7 216.7
 56 133.4 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.932 ng
 RT: 8.739 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

Tgt Ion:107 Resp: 636181
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.7 28.1
 142 75.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.476 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

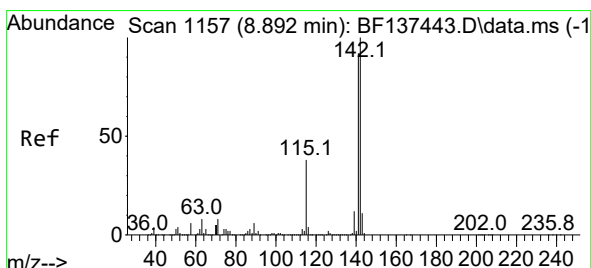
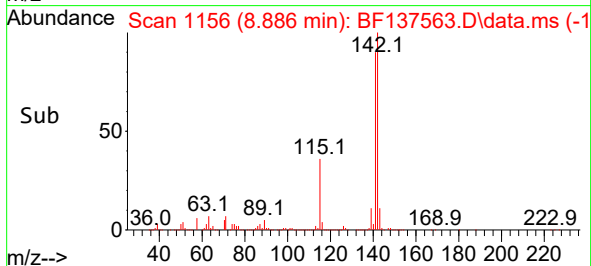
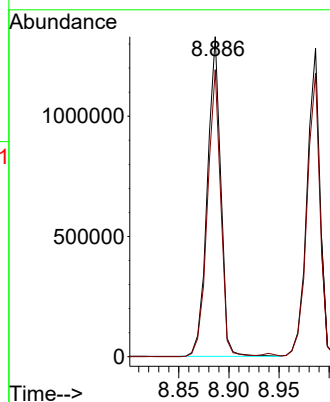
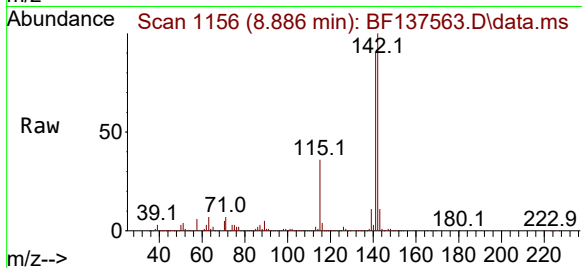
RT3471MSD

Tgt Ion:142 Resp: 1245052

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.780 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF137563.D

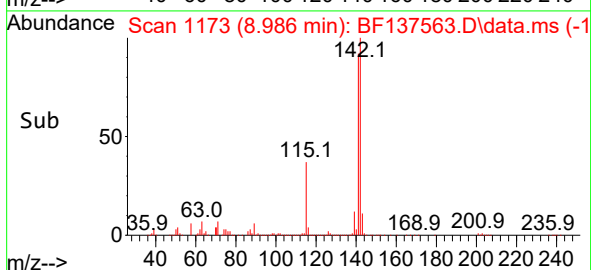
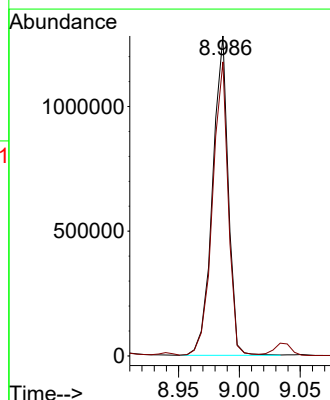
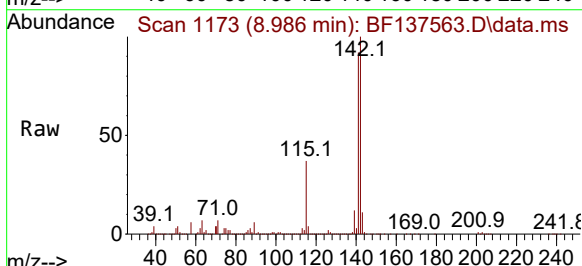
Acq: 11 Mar 2024 18:49

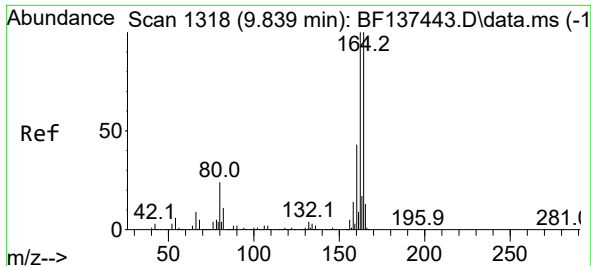
Tgt Ion:142 Resp: 1151816

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

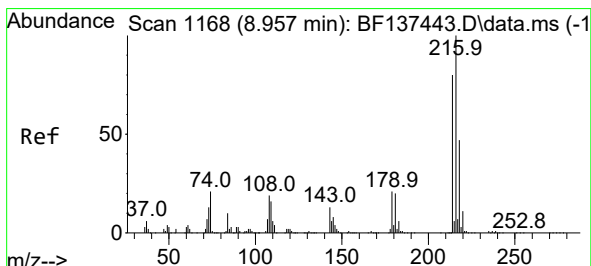
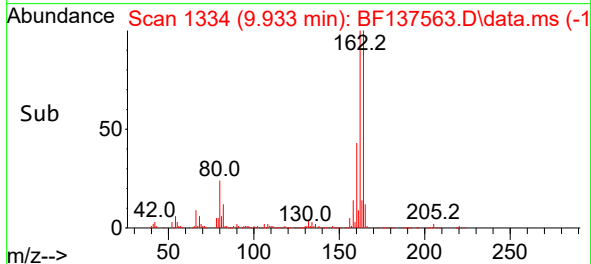
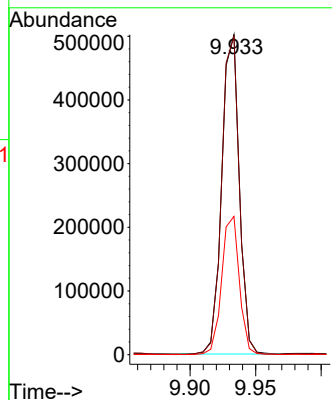
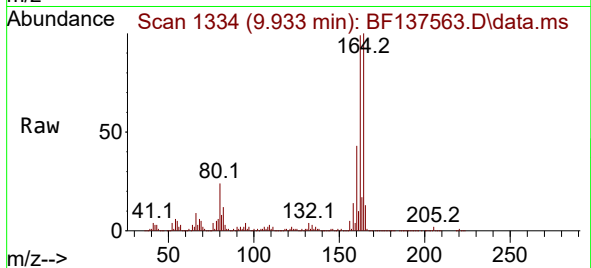
Tgt Ion:164 Resp: 466788

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.582 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Tgt Ion:216 Resp: 607033

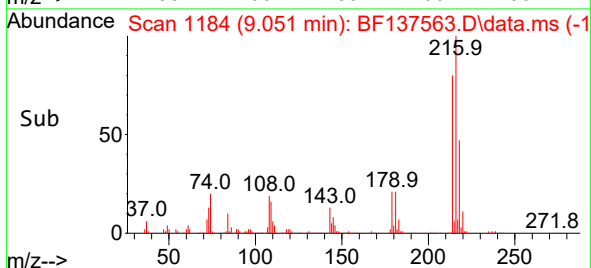
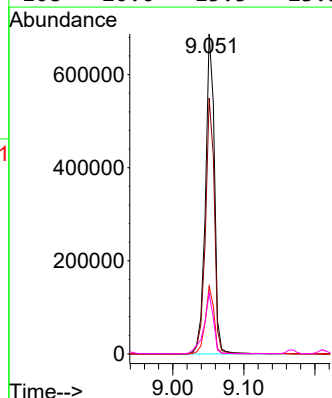
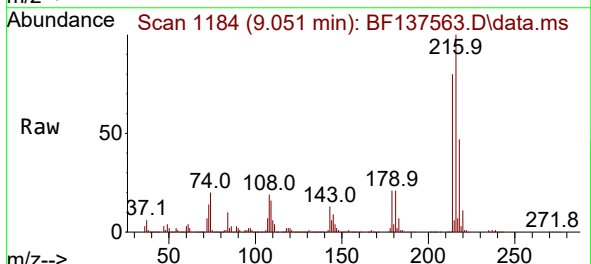
Ion Ratio Lower Upper

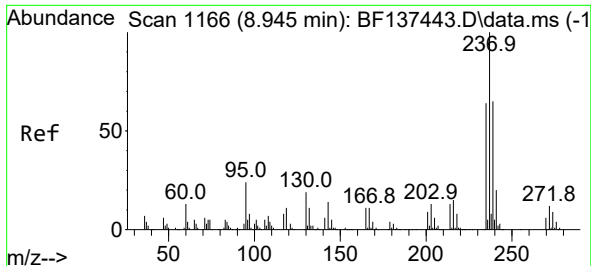
216 100

214 79.4 63.5 95.3

179 20.5 16.6 25.0

108 20.0 15.5 23.3

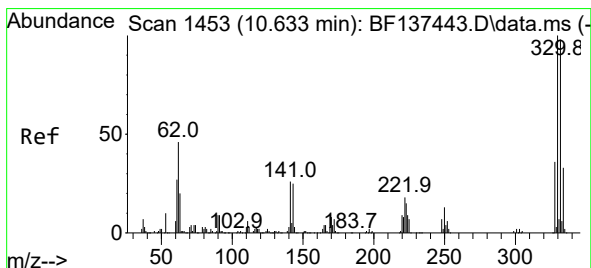
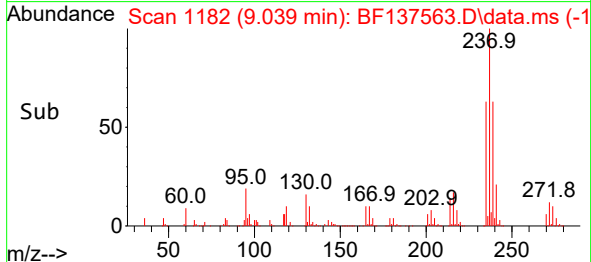
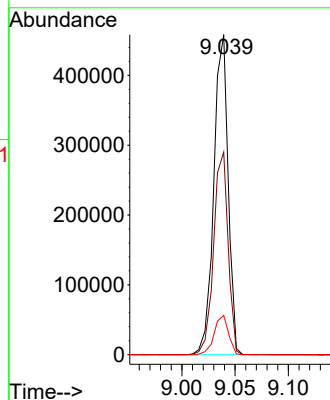
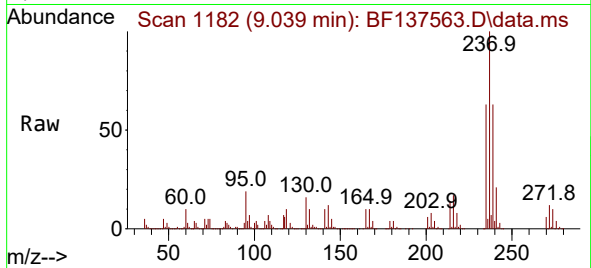




#41
Hexachlorocyclopentadiene
Concen: 80.414 ng
RT: 9.039 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

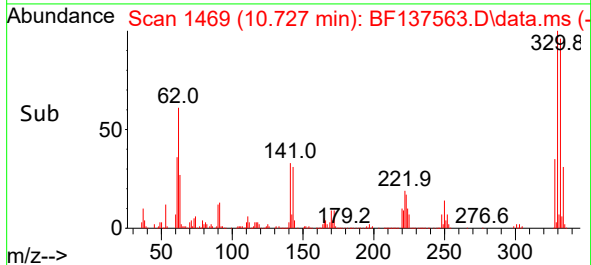
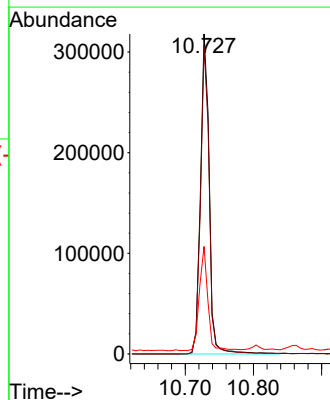
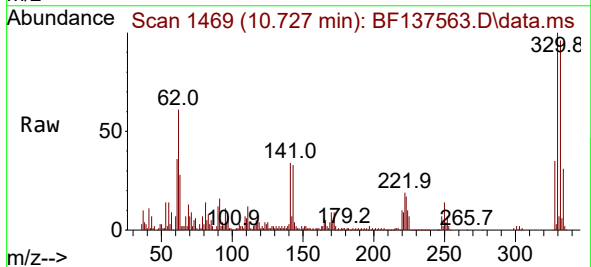
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

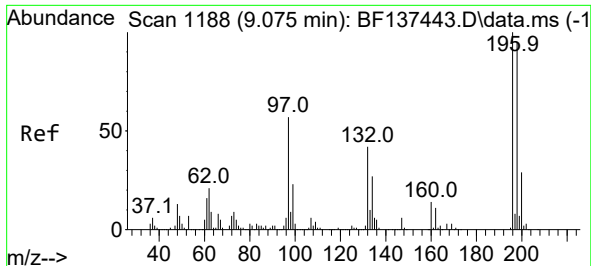
Tgt Ion:237 Resp: 427904
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 12.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 69.294 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:330 Resp: 284050
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 31.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 46.720 ng

RT: 9.169 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

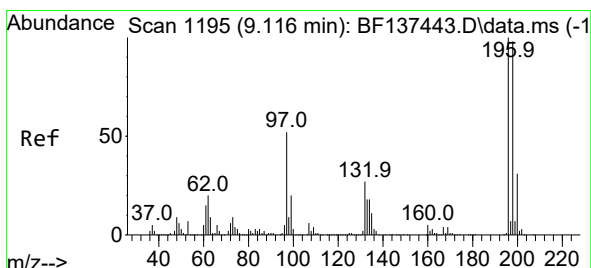
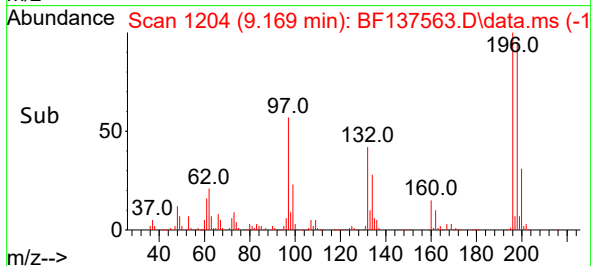
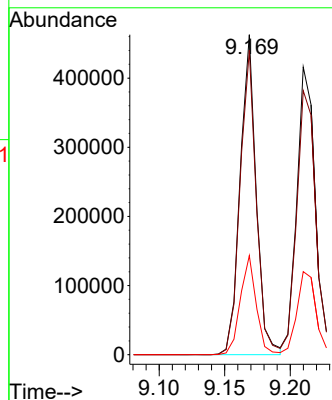
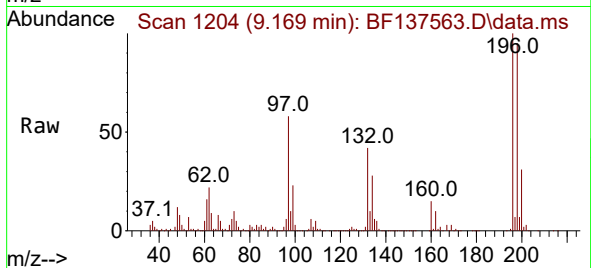
Tgt Ion:196 Resp: 396478

Ion Ratio Lower Upper

196 100

198 95.1 75.8 113.8

200 30.9 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 43.007 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Tgt Ion:196 Resp: 420422

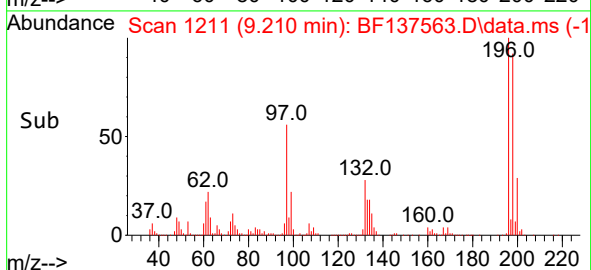
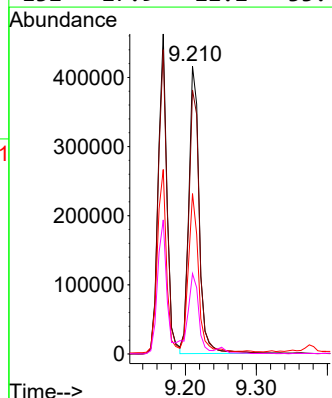
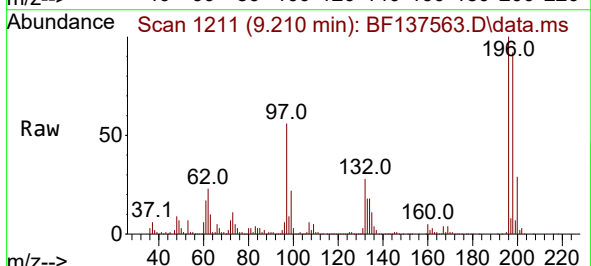
Ion Ratio Lower Upper

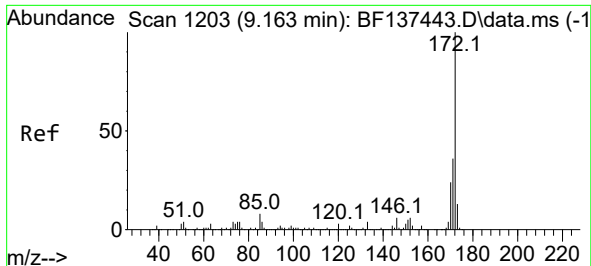
196 100

198 91.8 78.6 117.8

97 55.8 41.8 62.8

132 27.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 51.548 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

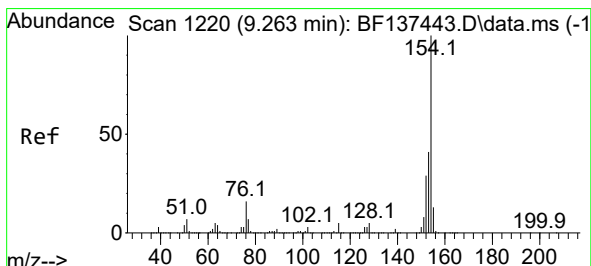
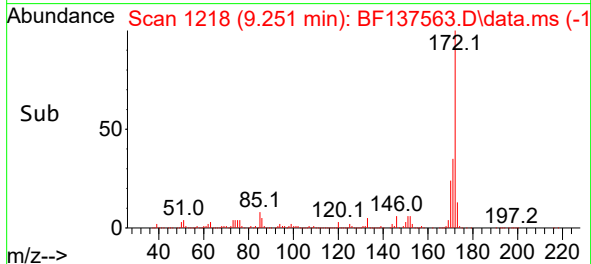
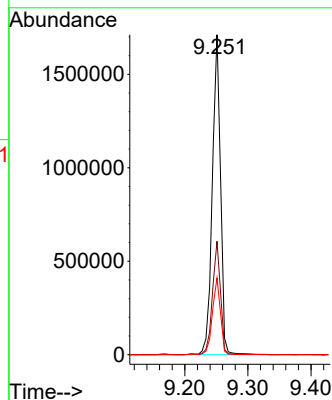
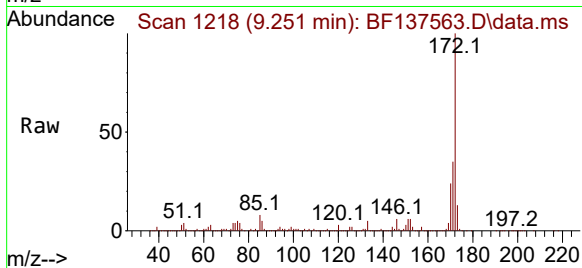
Tgt Ion:172 Resp: 1537143

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.129 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

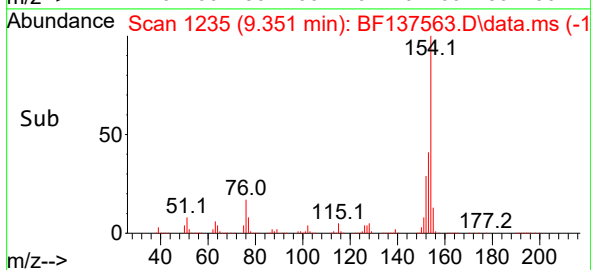
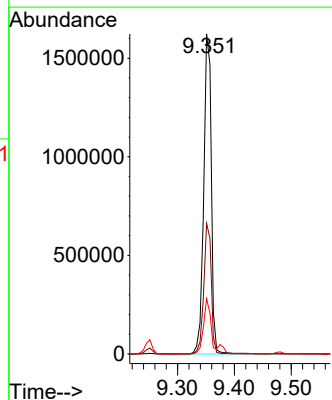
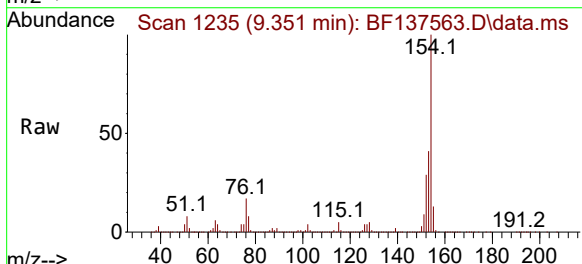
Tgt Ion:154 Resp: 1507656

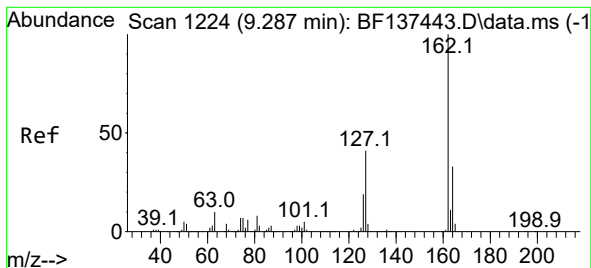
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 17.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 45.505 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

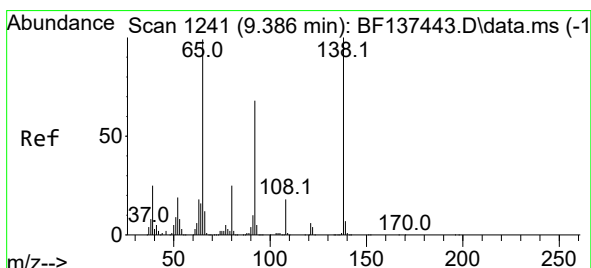
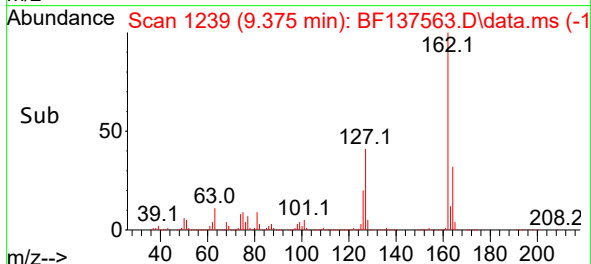
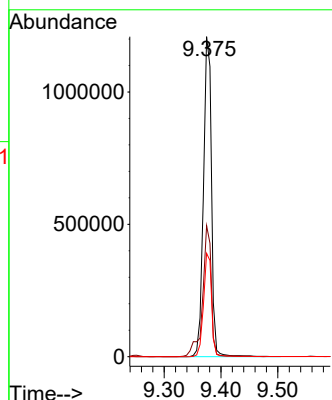
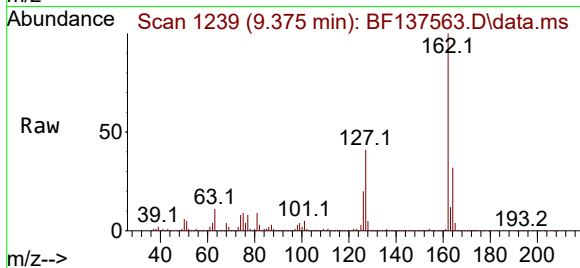
Tgt Ion:162 Resp: 1185296

Ion Ratio Lower Upper

162 100

127 41.0 32.6 49.0

164 32.3 26.5 39.7



#48

2-Nitroaniline

Concen: 45.225 ng

RT: 9.480 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

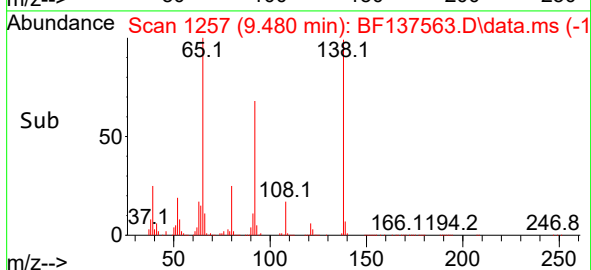
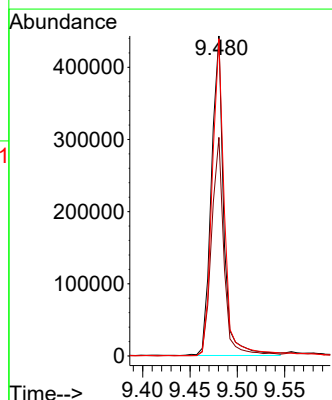
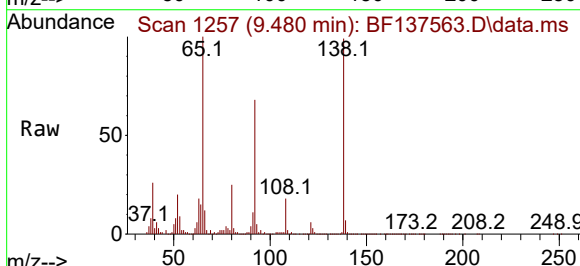
Tgt Ion: 65 Resp: 400397

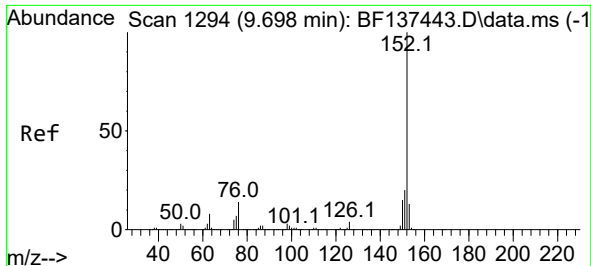
Ion Ratio Lower Upper

65 100

92 68.3 55.4 83.2

138 99.1 81.0 121.6

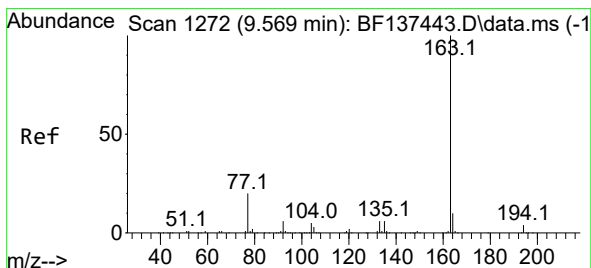
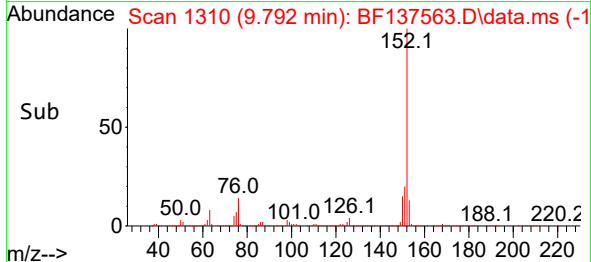
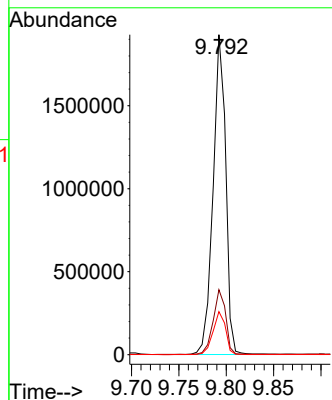
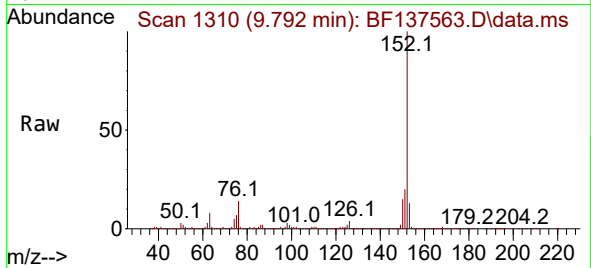




#49
Acenaphthylene
Concen: 42.723 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

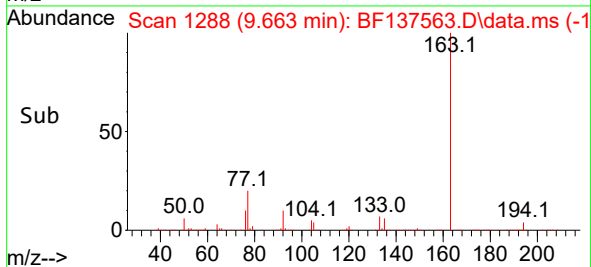
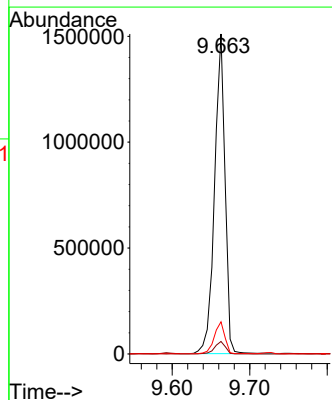
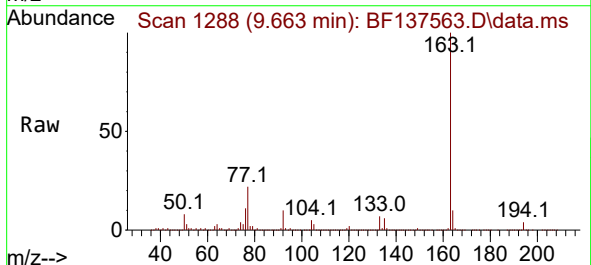
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

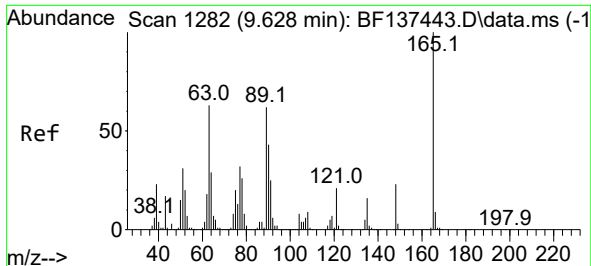
Tgt Ion:152 Resp: 1780918
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 43.631 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:163 Resp: 1417736
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.1 12.1

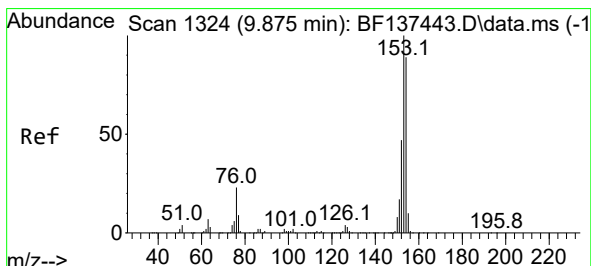
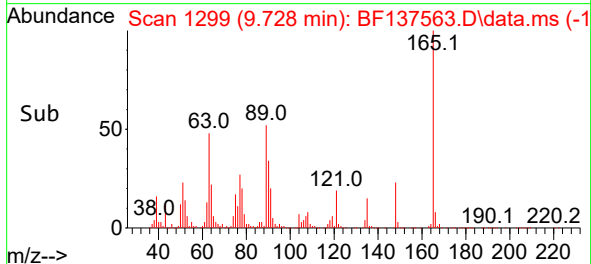
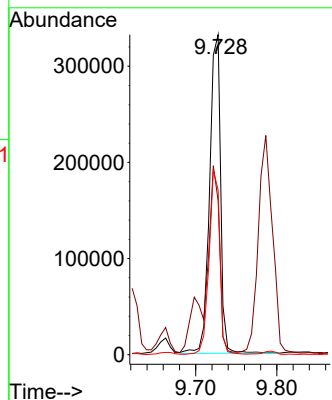
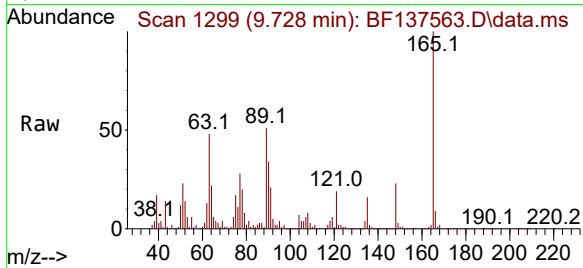




#51
2,6-Dinitrotoluene
Concen: 45.731 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

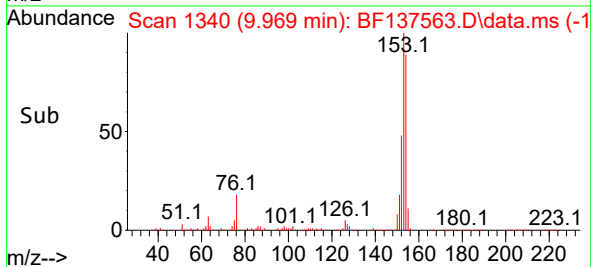
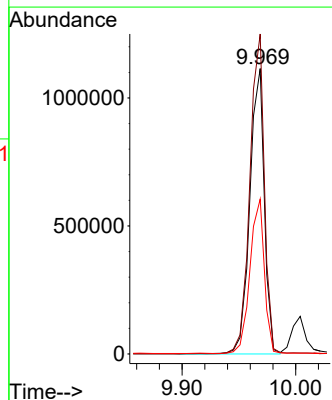
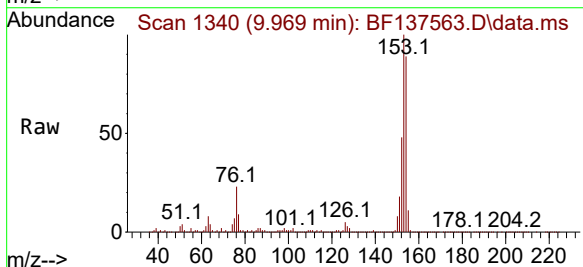
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

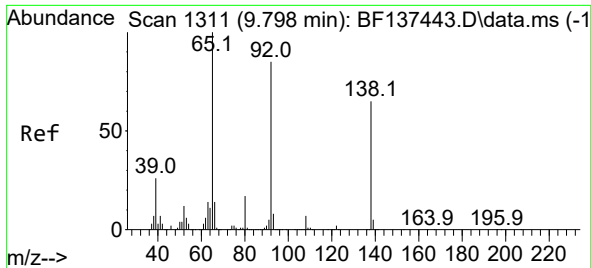
Tgt Ion:165 Resp: 310807
Ion Ratio Lower Upper
165 100
63 48.2 50.7 76.1#
89 51.4 50.0 75.0



#52
Acenaphthene
Concen: 39.705 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:154 Resp: 988107
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 54.3 42.7 64.1

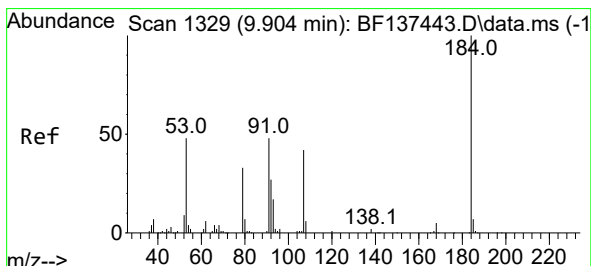
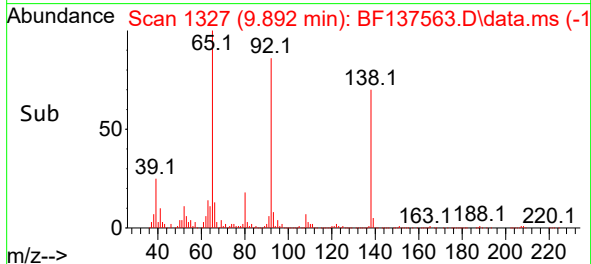
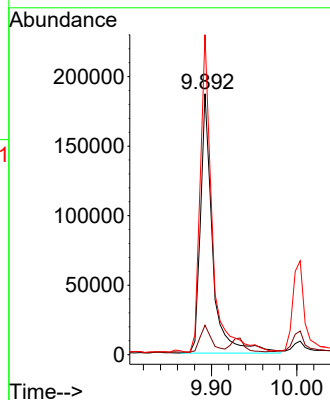
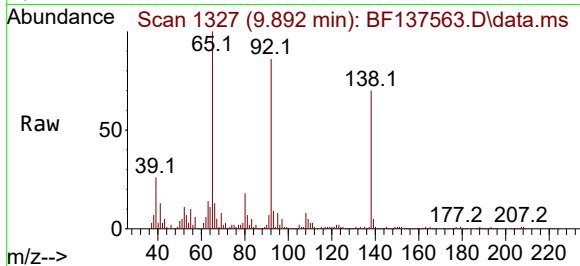




#53
3-Nitroaniline
Concen: 25.609 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

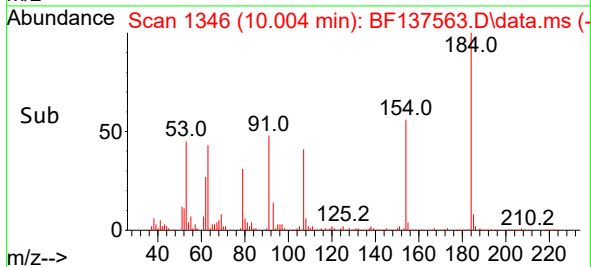
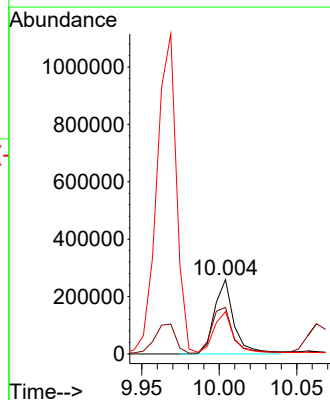
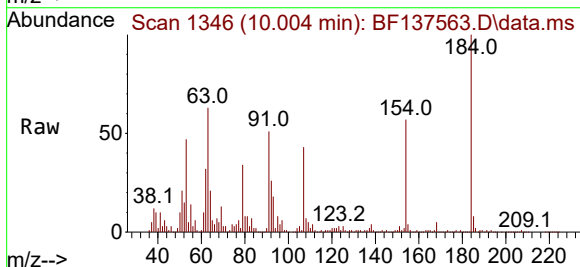
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

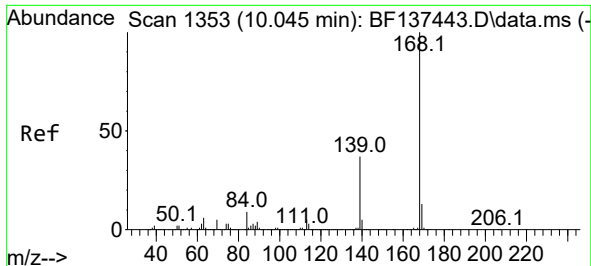
Tgt Ion:138 Resp: 184098
Ion Ratio Lower Upper
138 100
108 11.3 9.1 13.7
92 122.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 70.097 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:184 Resp: 228604
Ion Ratio Lower Upper
184 100
63 62.6 53.3 79.9
154 56.6 47.4 71.0

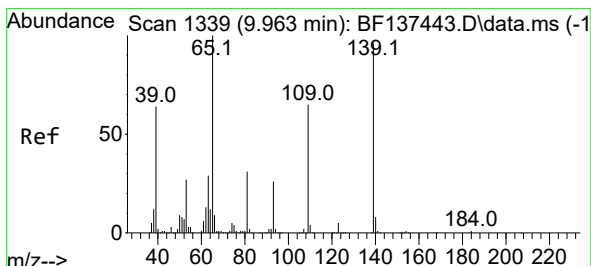
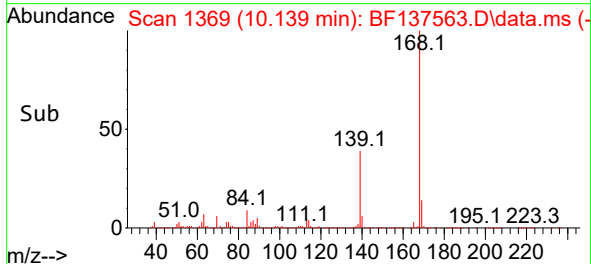
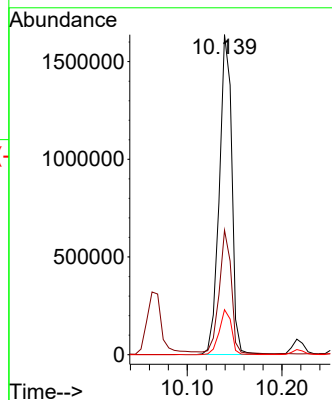
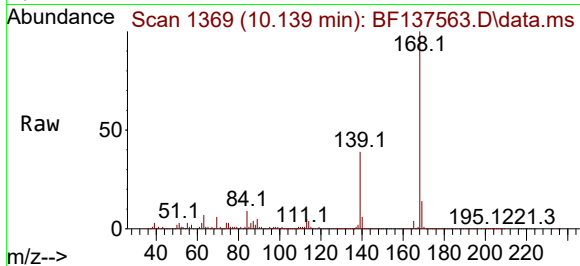




#55
Dibenzenofuran
Concen: 39.719 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

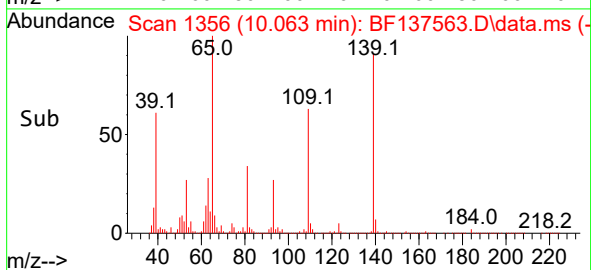
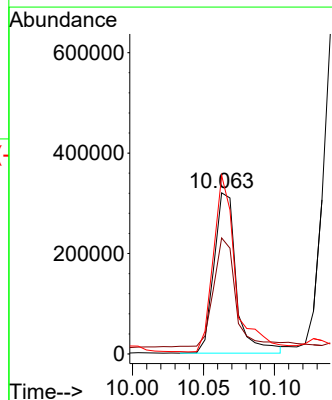
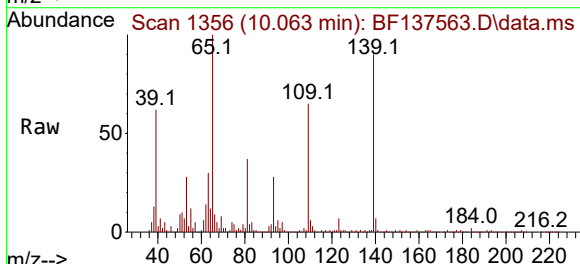
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

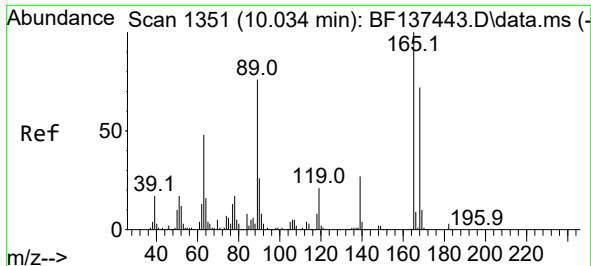
Tgt Ion:168 Resp: 1505507
Ion Ratio Lower Upper
168 100
139 38.9 29.8 44.6
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 69.379 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:139 Resp: 351582
Ion Ratio Lower Upper
139 100
109 72.0 47.1 87.1
65 110.8 85.1 125.1

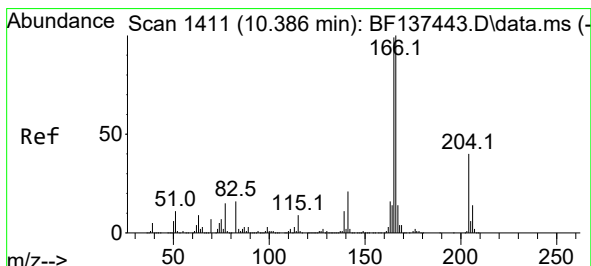
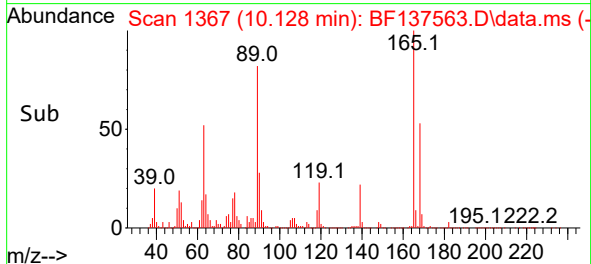
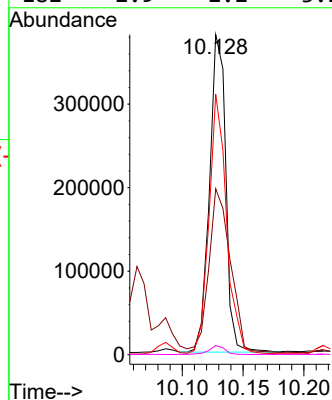
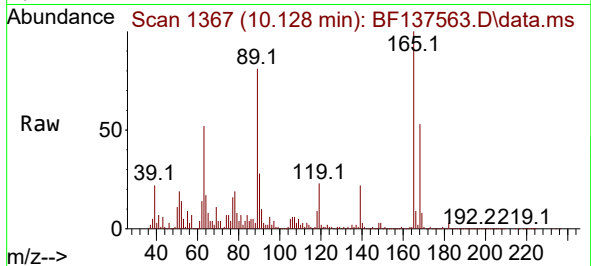




#57
2,4-Dinitrotoluene
Concen: 42.420 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

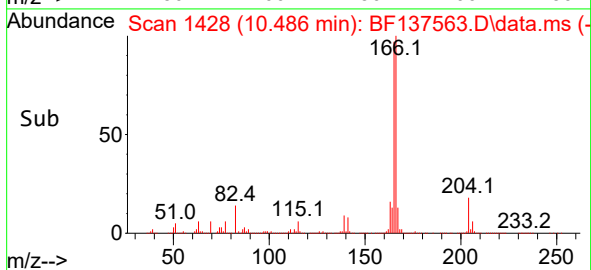
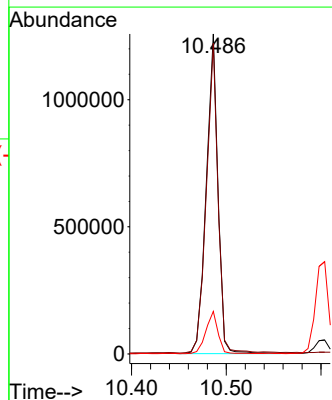
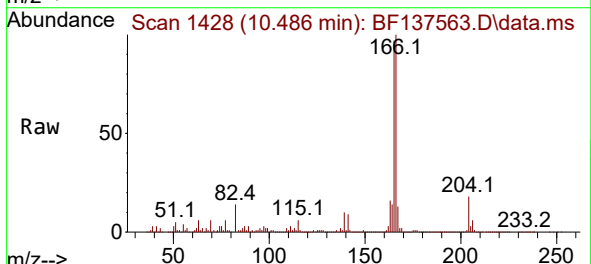
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

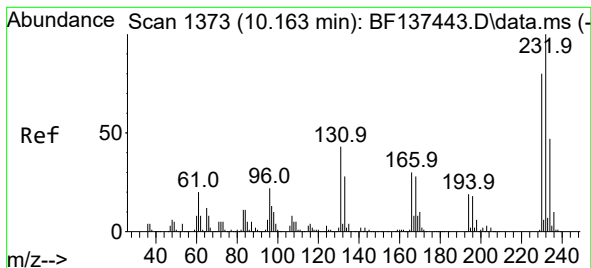
Tgt Ion:165 Resp: 354207
Ion Ratio Lower Upper
165 100
63 51.8 39.0 58.6
89 81.4 60.9 91.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 36.920 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:166 Resp: 1074744
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 13.3 11.0 16.6

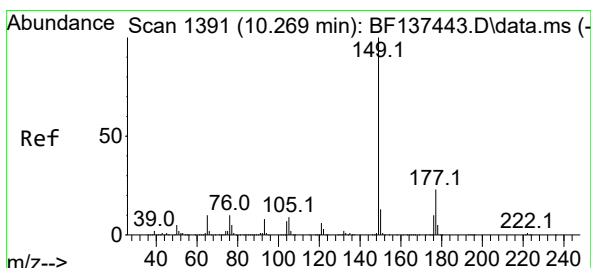
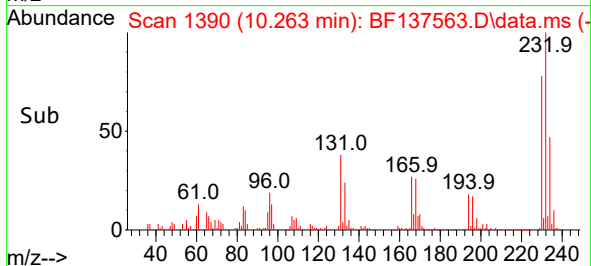
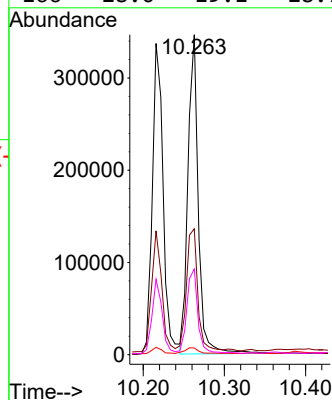
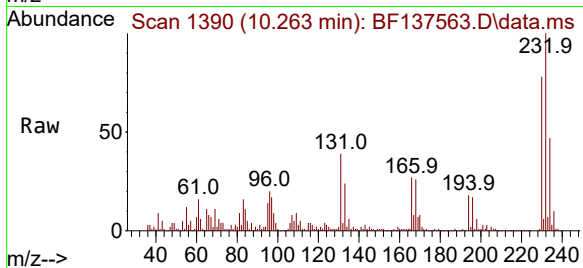




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.977 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

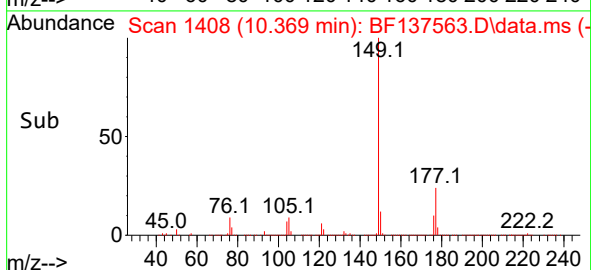
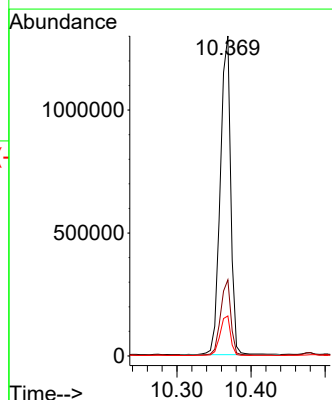
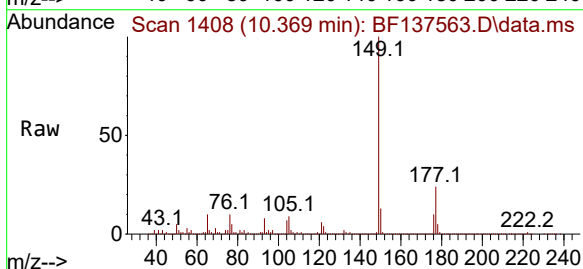
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

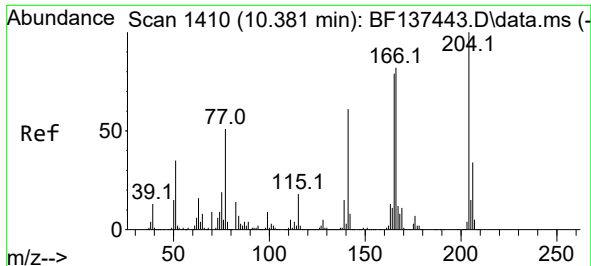
Tgt Ion:232 Resp: 305546
Ion Ratio Lower Upper
232 100
131 40.9 31.2 46.8
130 2.5 1.8 2.6
166 28.0 19.1 28.7



#60
Diethylphthalate
Concen: 41.232 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:149 Resp: 1265182
Ion Ratio Lower Upper
149 100
177 23.8 18.7 28.1
150 12.5 10.2 15.4

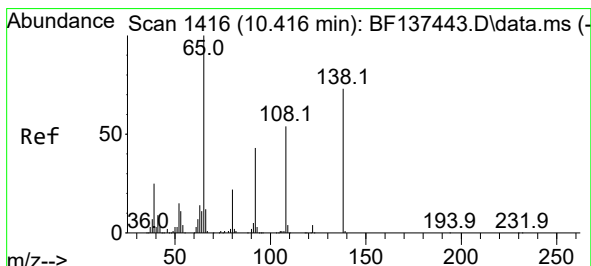
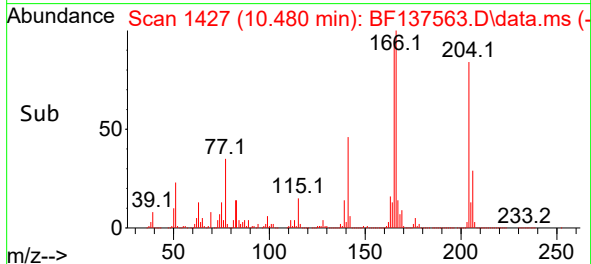
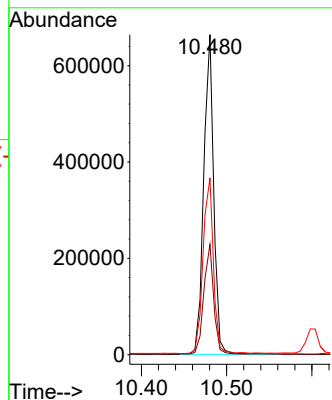
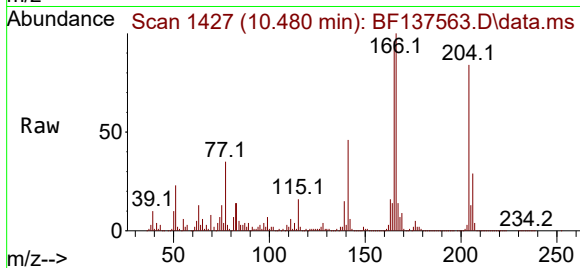




#61
4-Chlorophenyl-phenylether
Concen: 37.762 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

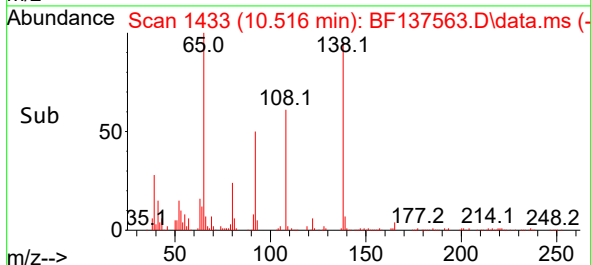
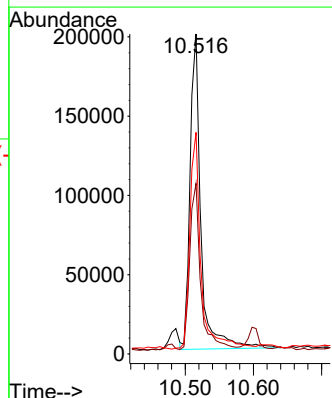
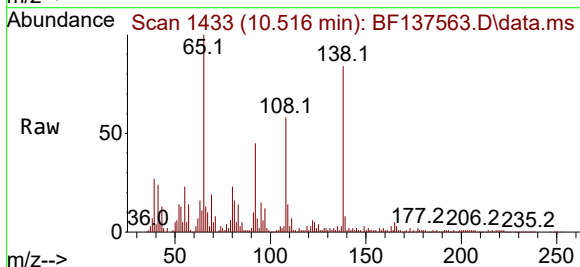
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

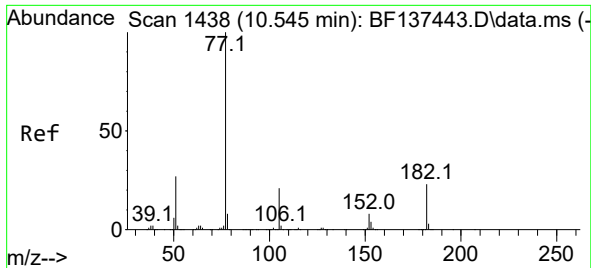
Tgt Ion:204 Resp: 538732
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 55.3 48.4 72.6



#62
4-Nitroaniline
Concen: 35.233 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:138 Resp: 217696
Ion Ratio Lower Upper
138 100
92 53.3 37.9 77.9
108 69.2 53.2 93.2



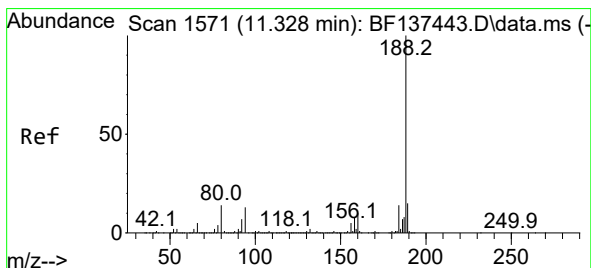
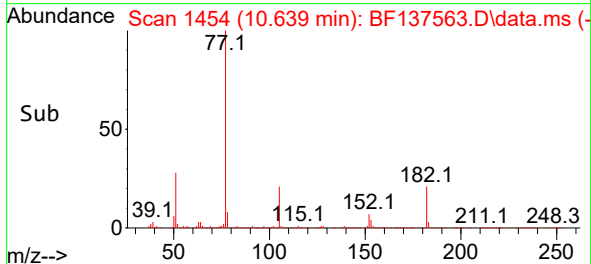
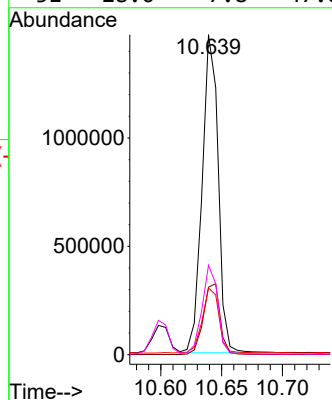
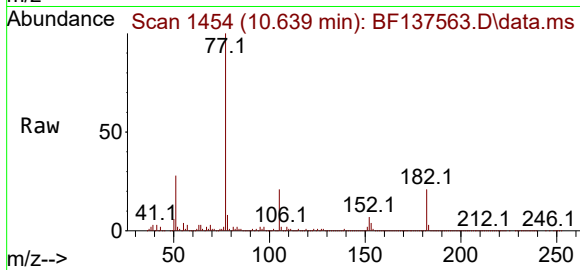


#63
Azobenzene
Concen: 38.052 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Instrument :
BNA_F
ClientSampleId :
RT3471MSD

Tgt Ion: 77 Resp: 1344495

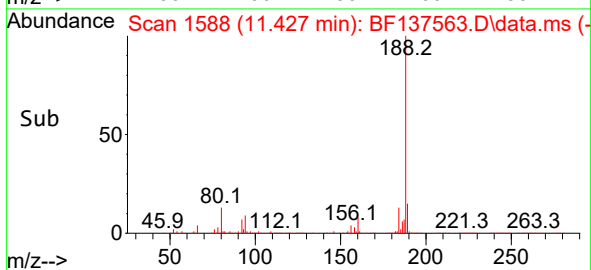
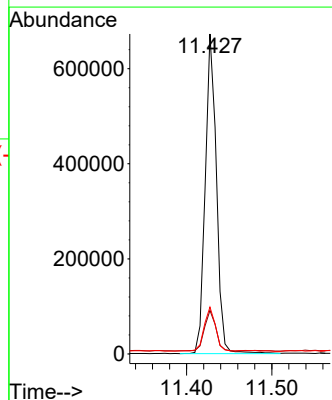
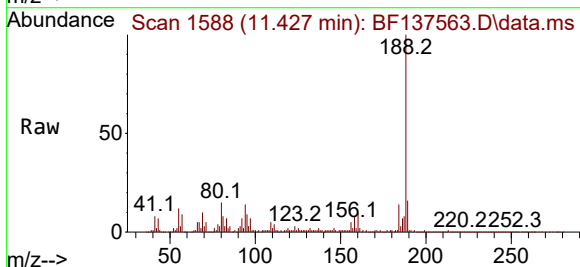
Ion	Ratio	Lower	Upper
77	100		
182	21.1	3.2	43.2
105	20.9	1.2	41.2
51	28.0	7.8	47.8

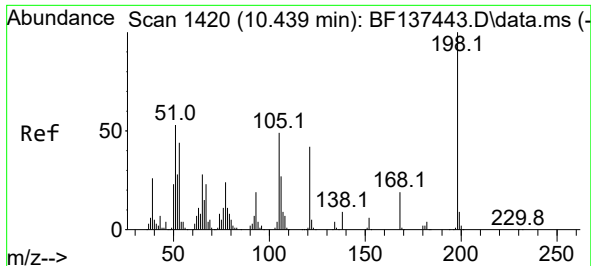


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion: 188 Resp: 612147

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.6	15.8
80	14.6	11.5	17.3

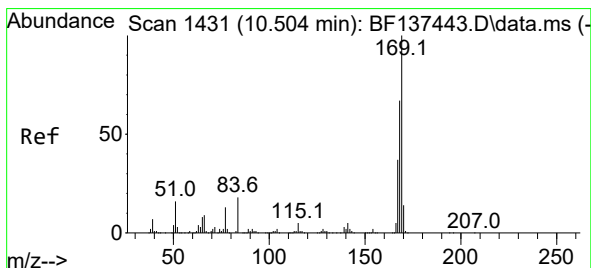
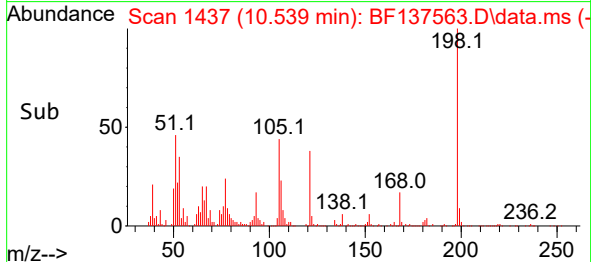
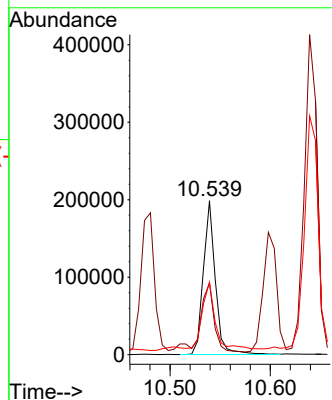
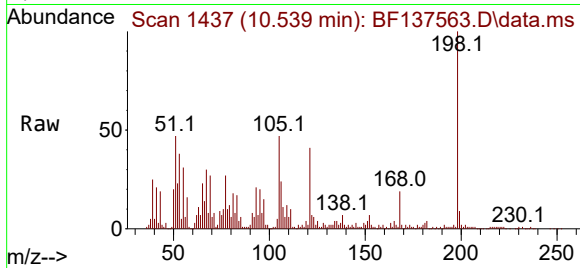




#65
4,6-Dinitro-2-methylphenol
Concen: 48.718 ng
RT: 10.539 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

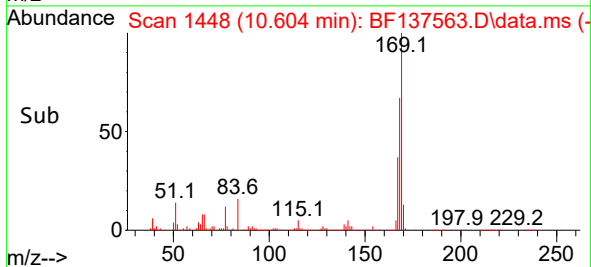
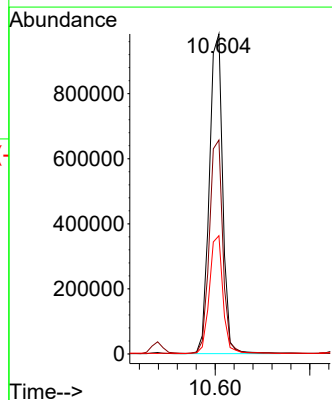
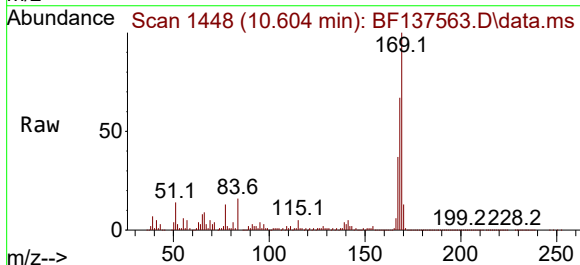
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

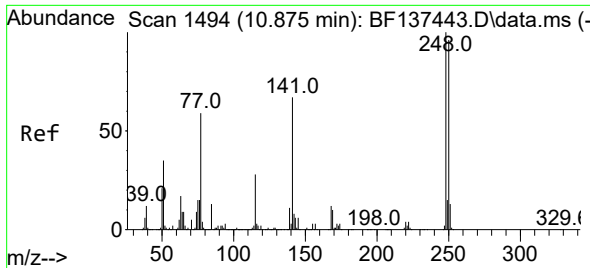
Tgt Ion:198 Resp: 166216
Ion Ratio Lower Upper
198 100
51 46.5 37.2 77.2
105 47.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.797 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:169 Resp: 961882
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 36.9 29.6 44.4

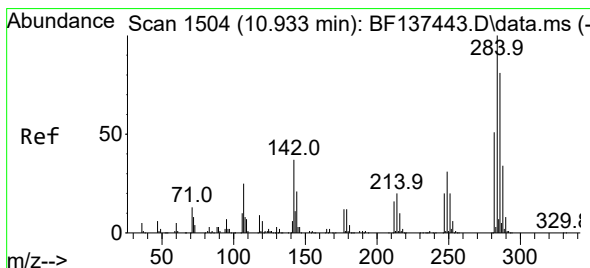
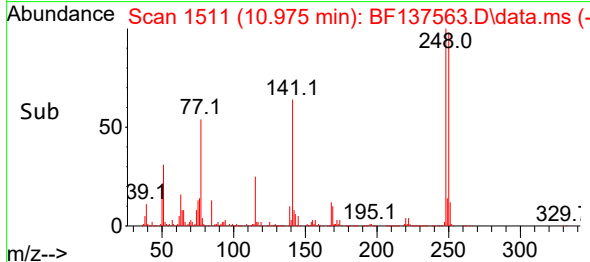
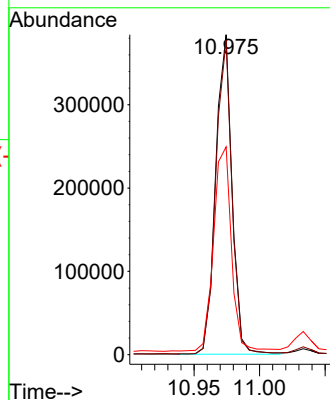
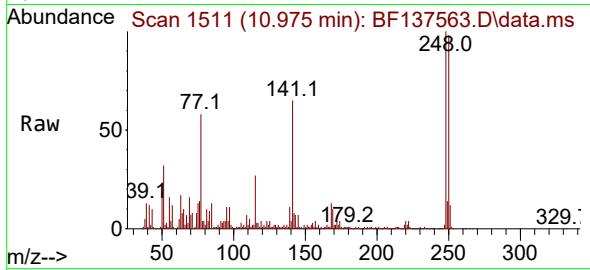




#67
4-Bromophenyl-phenylether
Concen: 49.866 ng
RT: 10.975 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

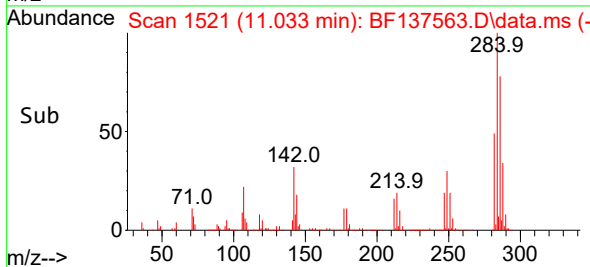
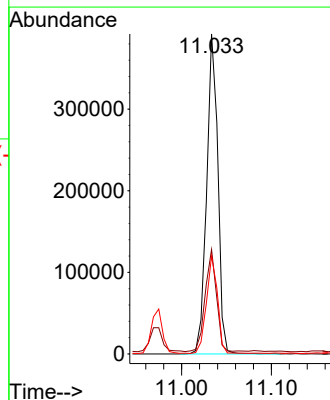
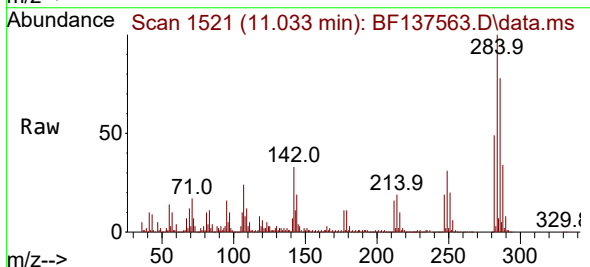
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

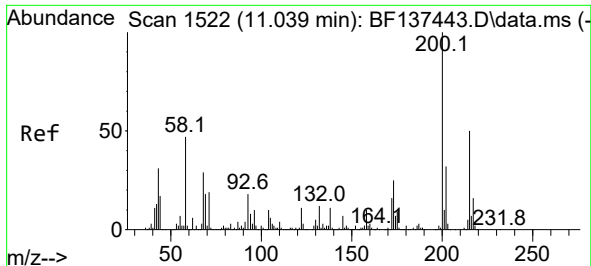
Tgt Ion:248 Resp: 332472
Ion Ratio Lower Upper
248 100
250 98.3 76.8 115.2
141 64.9 53.4 80.0



#68
Hexachlorobenzene
Concen: 50.450 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:284 Resp: 339741
Ion Ratio Lower Upper
284 100
142 32.6 29.4 44.0
249 30.6 25.0 37.4

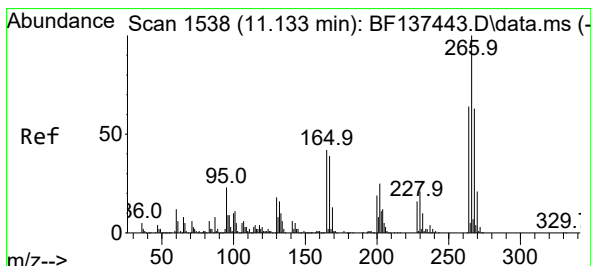
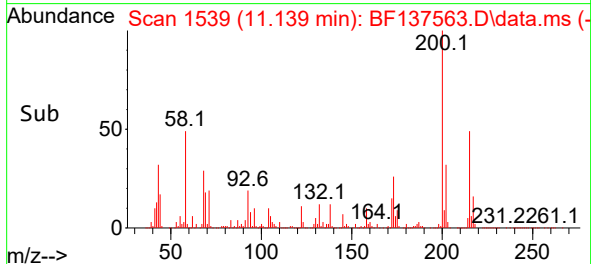
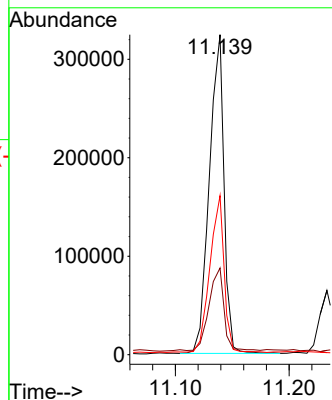
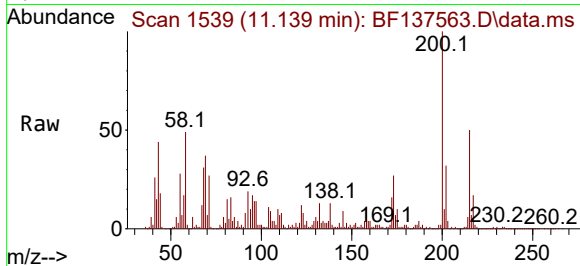




#69
 Atrazine
 Concen: 48.464 ng
 RT: 11.139 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

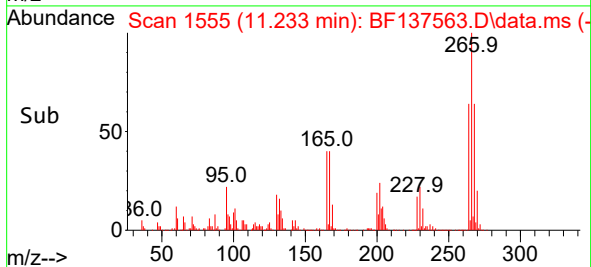
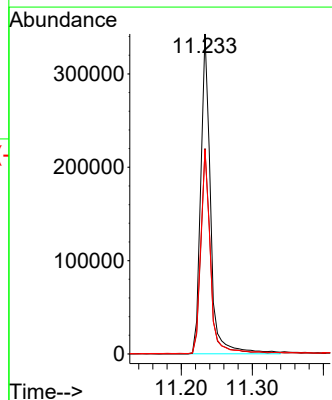
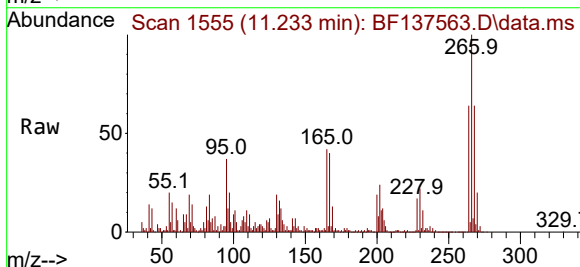
Instrument :
 BNA_F
 ClientSampleId :
 RT3471MSD

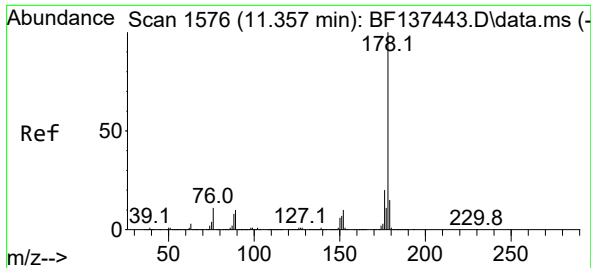
Tgt Ion:200 Resp: 290413
 Ion Ratio Lower Upper
 200 100
 173 27.1 5.1 45.1
 215 49.7 30.4 70.4



#70
 Pentachlorophenol
 Concen: 81.108 ng
 RT: 11.233 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

Tgt Ion:266 Resp: 330184
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.2 75.2
 264 63.9 50.9 76.3

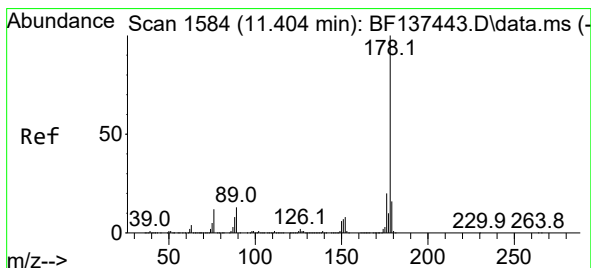
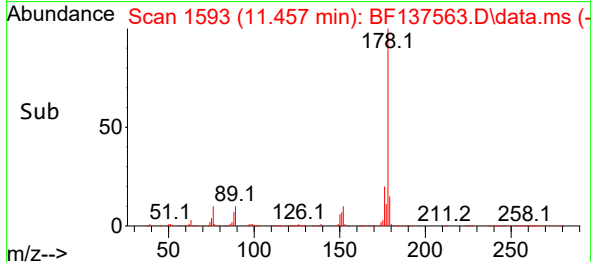
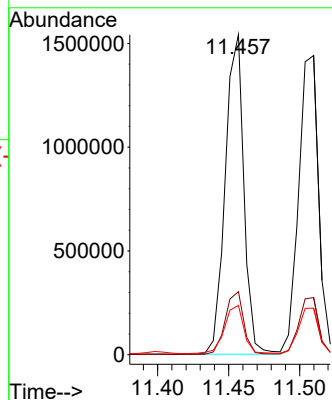
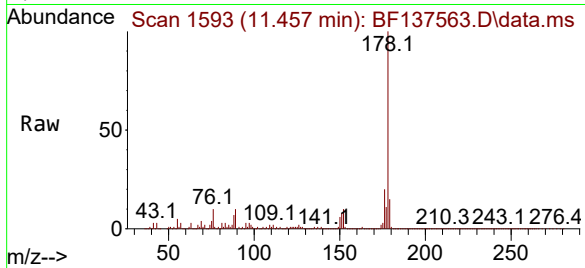




#71
Phenanthrene
Concen: 42.032 ng
RT: 11.457 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

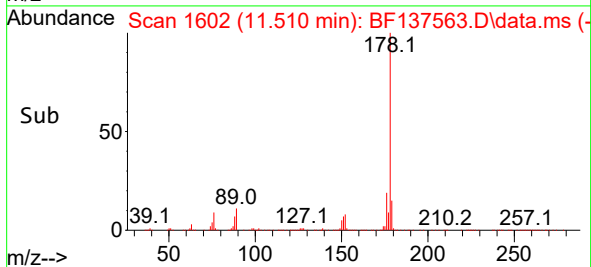
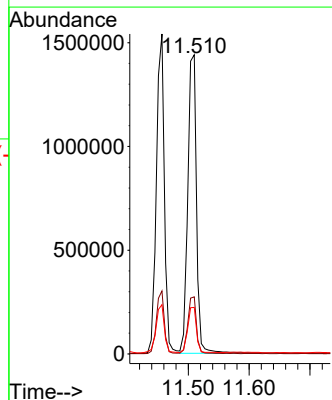
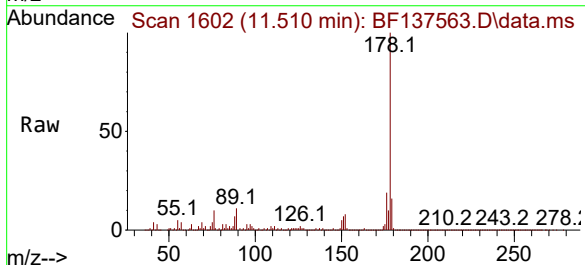
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

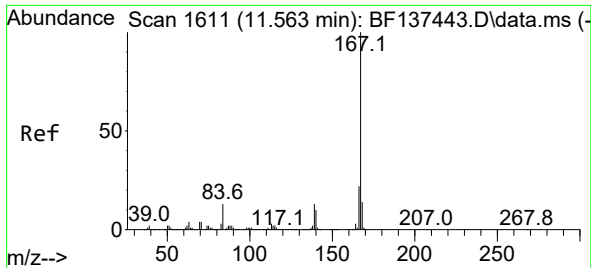
Tgt Ion:178 Resp: 1400267
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.4 12.2 18.2



#72
Anthracene
Concen: 41.933 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:178 Resp: 1434772
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.6 12.7 19.1

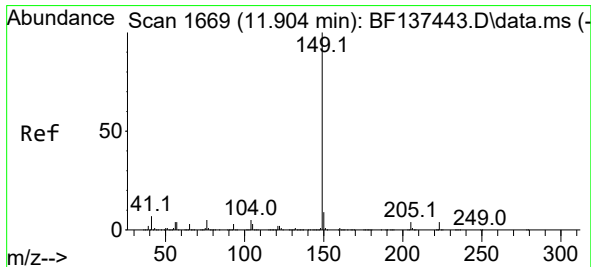
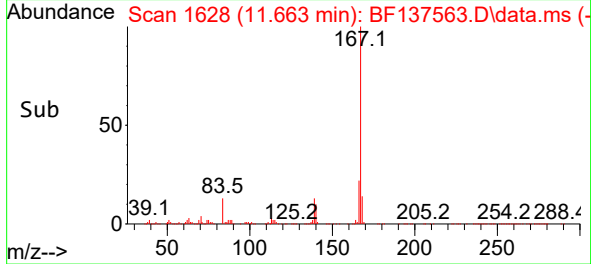
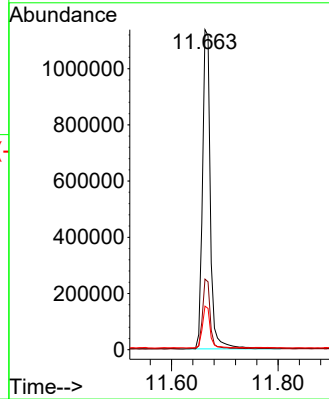
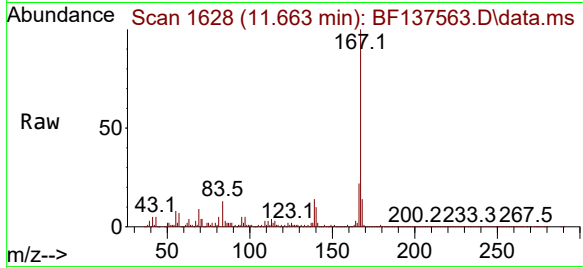




#73
 Carbazole
 Concen: 39.947 ng
 RT: 11.663 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

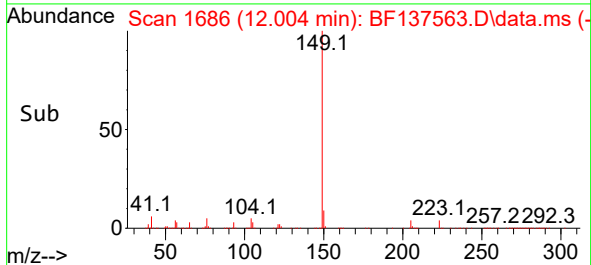
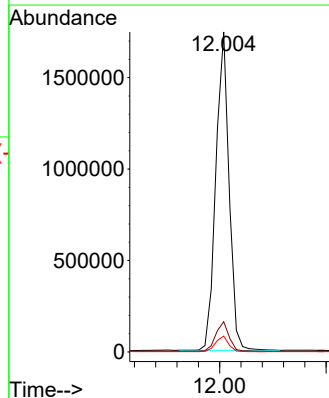
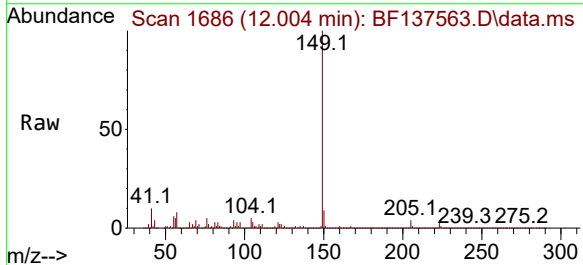
Instrument :
 BNA_F
 ClientSampleId :
 RT3471MSD

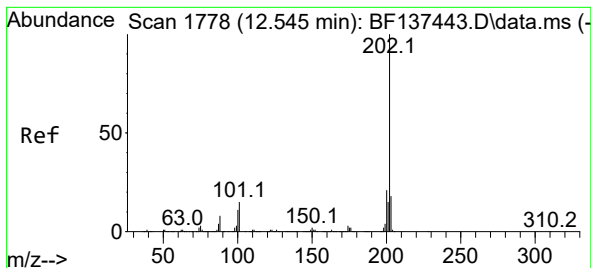
Tgt Ion:167 Resp: 1170775
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.997 ng
 RT: 12.004 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

Tgt Ion:149 Resp: 1499287
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 38.652 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

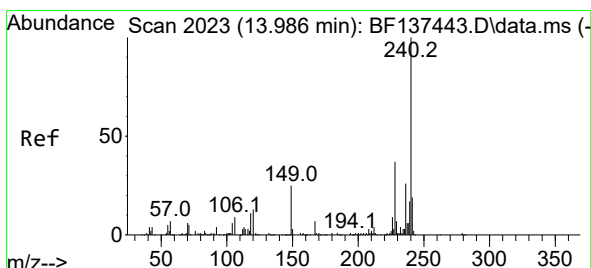
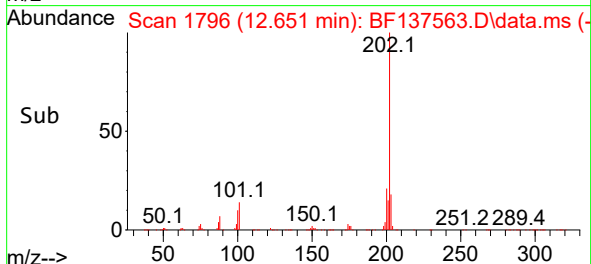
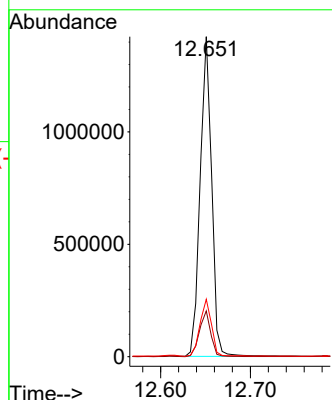
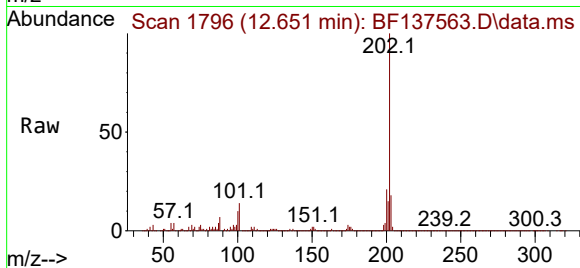
Tgt Ion:202 Resp: 1258661

Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.0

203 18.0 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

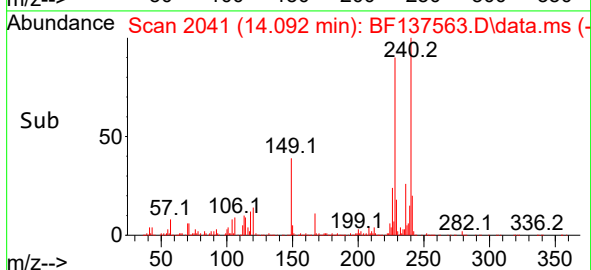
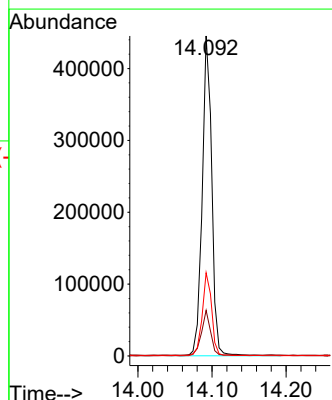
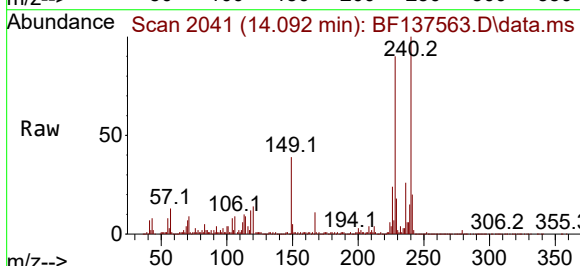
Tgt Ion:240 Resp: 397873

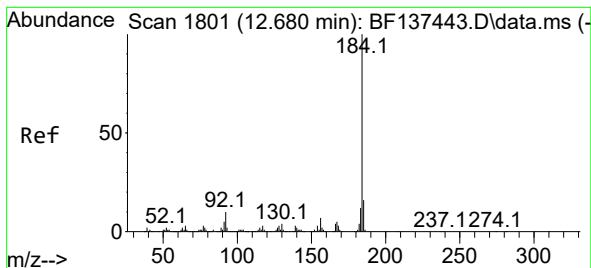
Ion Ratio Lower Upper

240 100

120 14.2 10.4 15.6

236 26.0 20.9 31.3





#77

Benzidine

Concen: 44.953 ng

RT: 12.780 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

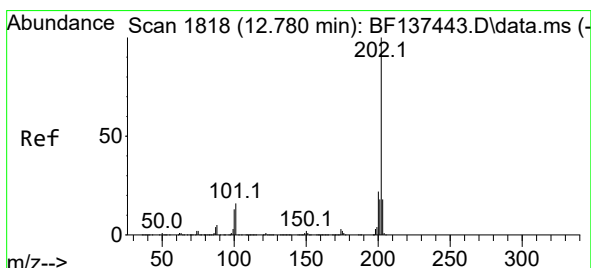
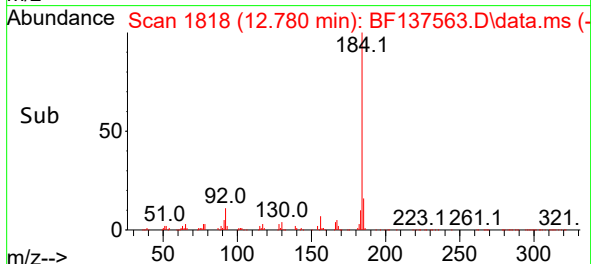
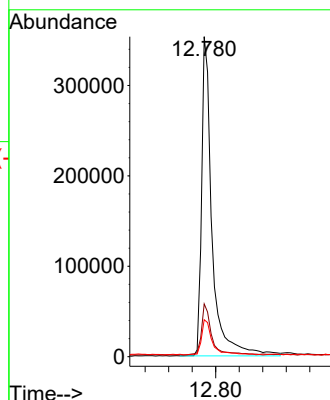
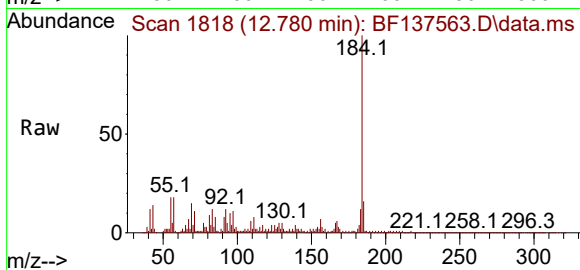
Tgt Ion:184 Resp: 437705

Ion Ratio Lower Upper

184 100

185 16.5 13.2 19.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 33.643 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

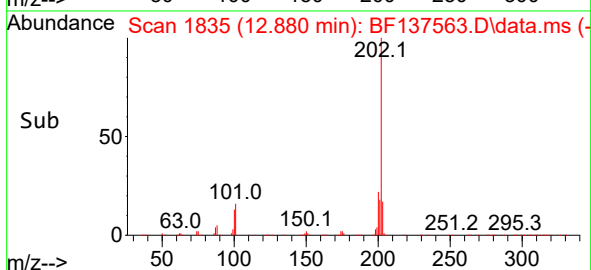
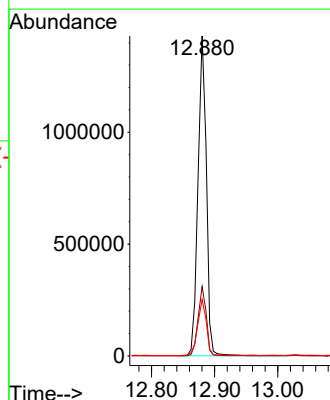
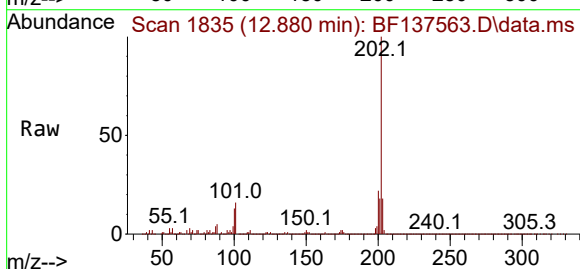
Tgt Ion:202 Resp: 1313424

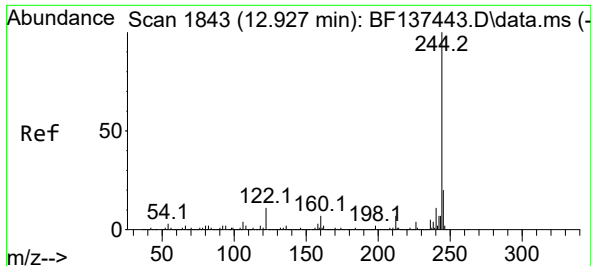
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.7 14.1 21.1

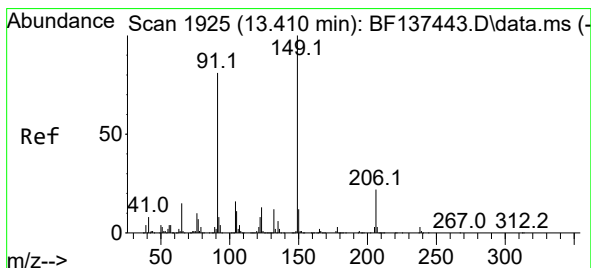
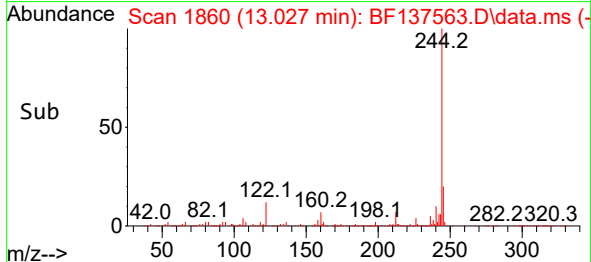
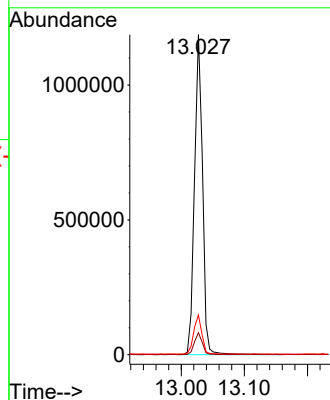
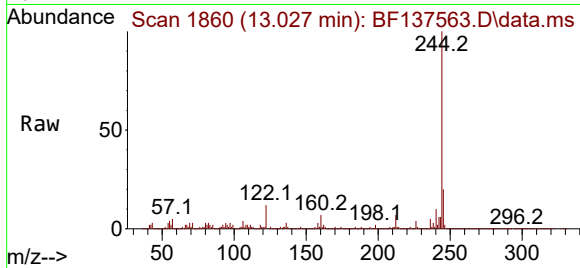




#79
 Terphenyl-d14
 Concen: 36.272 ng
 RT: 13.027 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

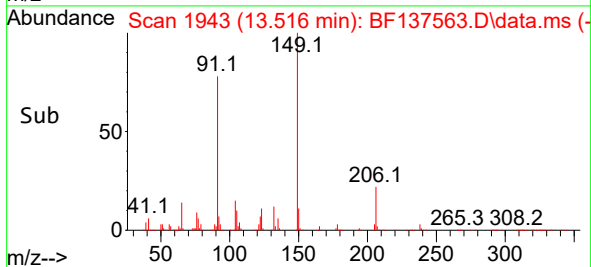
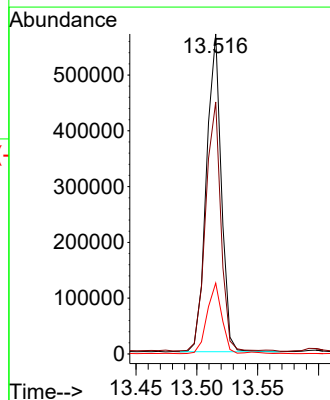
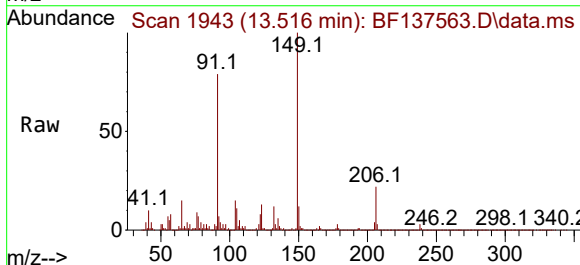
Instrument :
 BNA_F
 ClientSampleId :
 RT3471MSD

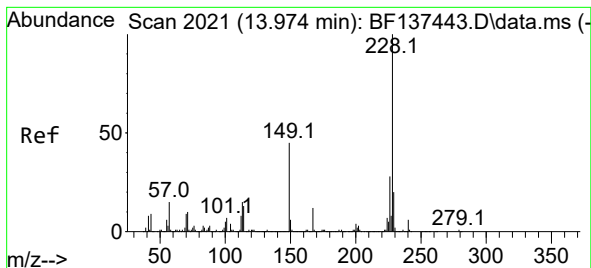
Tgt Ion:244 Resp: 1049500
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.4 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 48.653 ng
 RT: 13.516 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: BF137563.D
 Acq: 11 Mar 2024 18:49

Tgt Ion:149 Resp: 485086
 Ion Ratio Lower Upper
 149 100
 91 78.8 64.7 97.1
 206 22.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.732 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

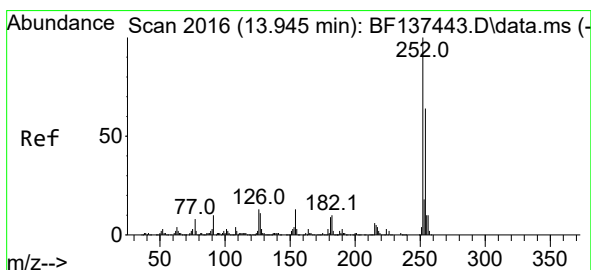
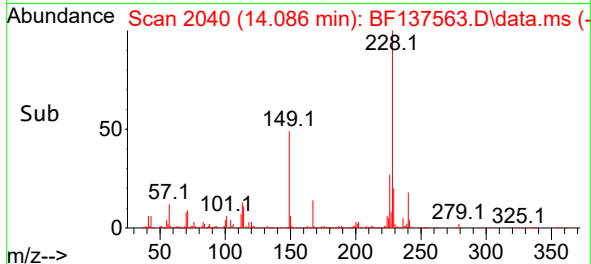
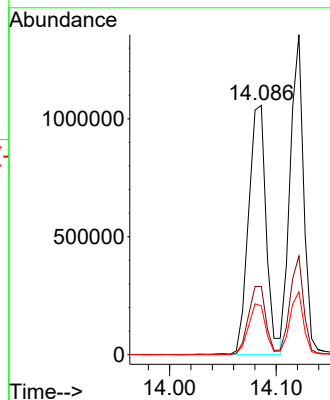
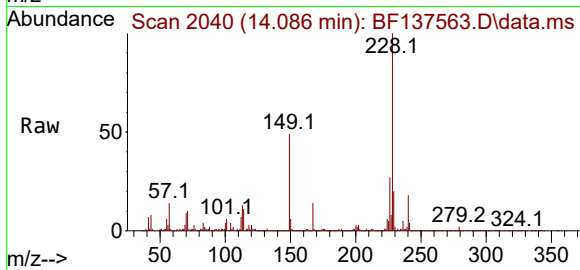
Tgt Ion:228 Resp: 1219523

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

229 19.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 32.138 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

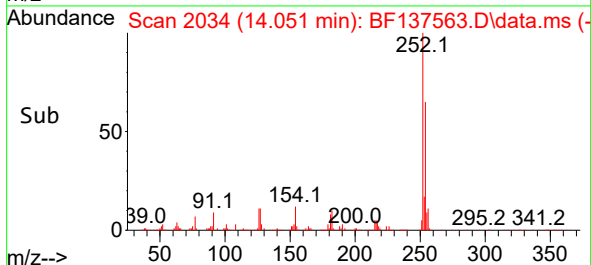
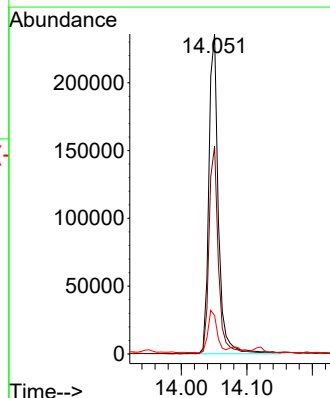
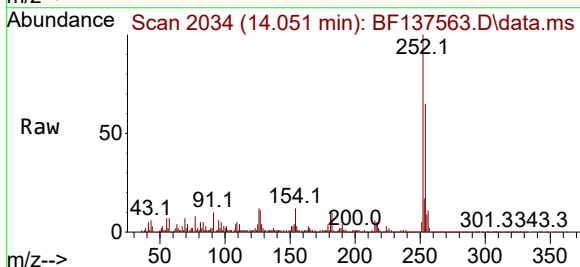
Tgt Ion:252 Resp: 238665

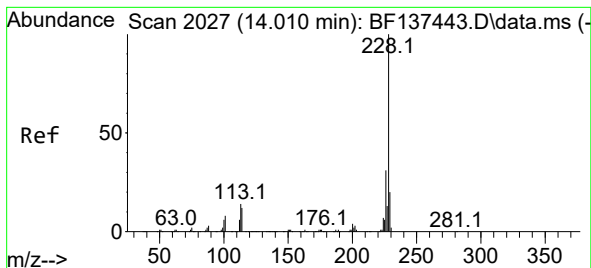
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.2

126 12.0 10.4 15.6





#83

Chrysene

Concen: 42.541 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

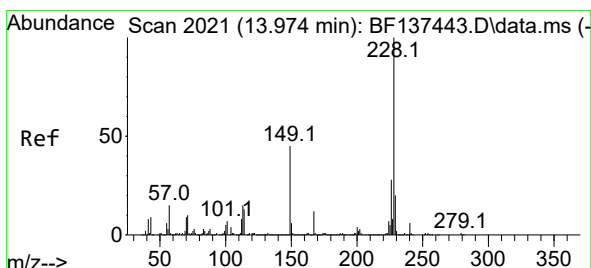
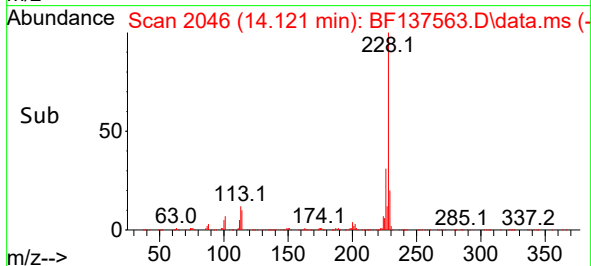
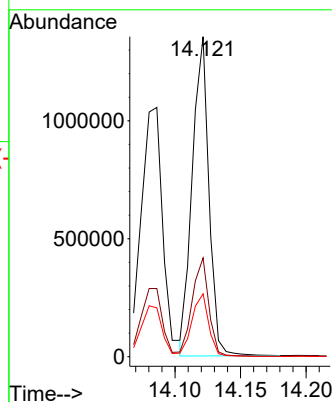
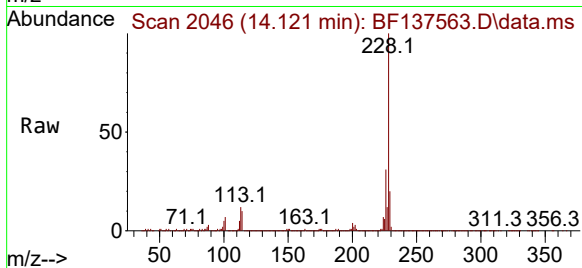
Tgt Ion:228 Resp: 1199002

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.705 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

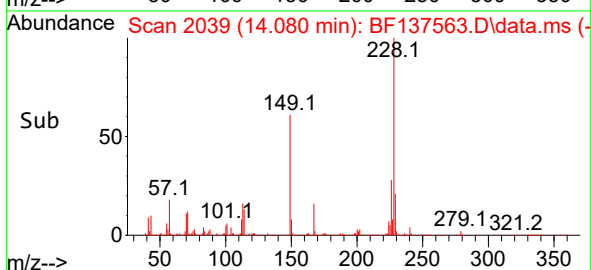
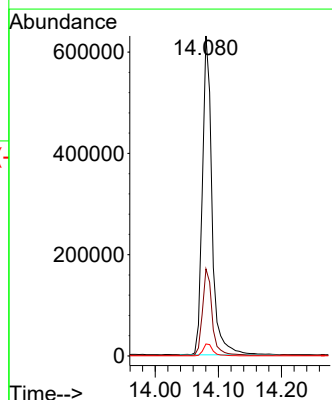
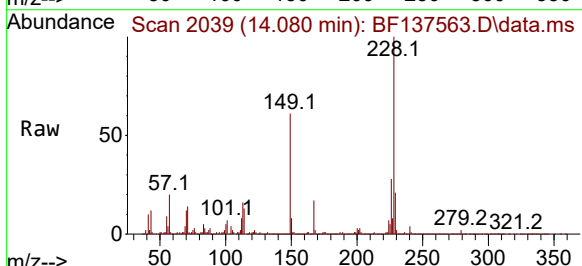
Tgt Ion:149 Resp: 667903

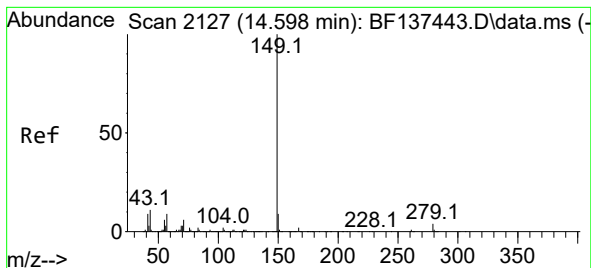
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 56.216 ng

RT: 14.715 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

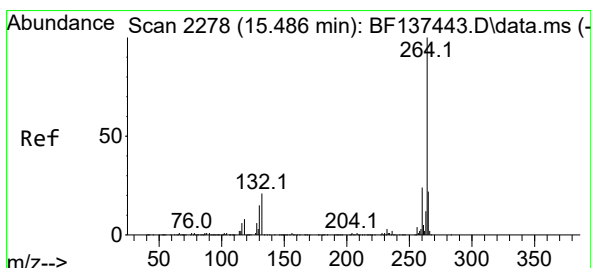
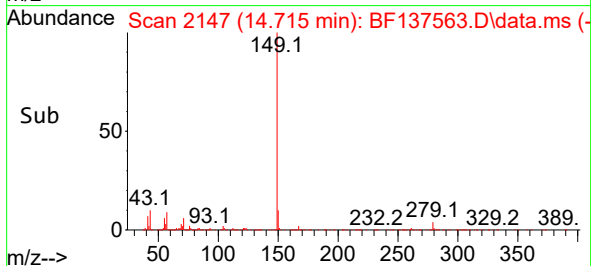
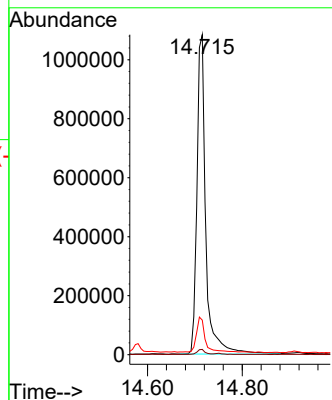
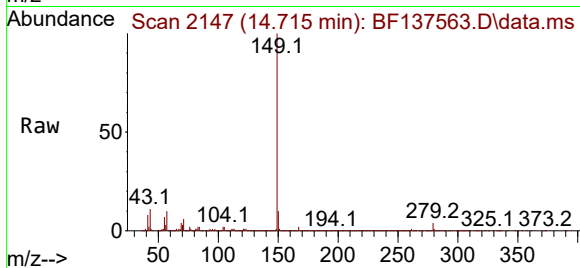
Tgt Ion:149 Resp: 1399540

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 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: BF137563.D

Acq: 11 Mar 2024 18:49

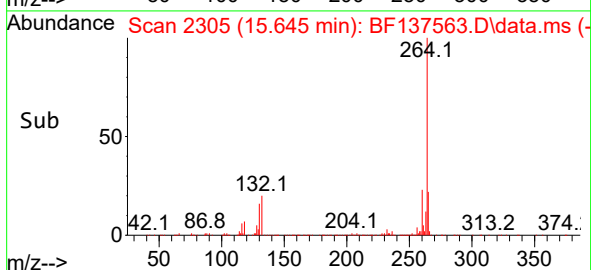
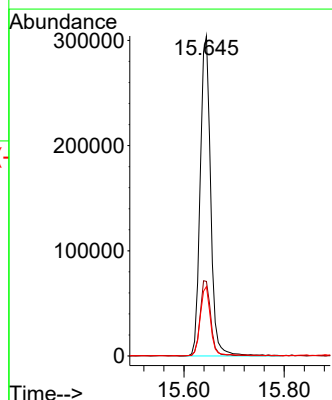
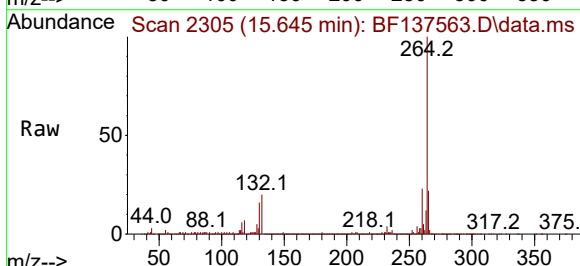
Tgt Ion:264 Resp: 437869

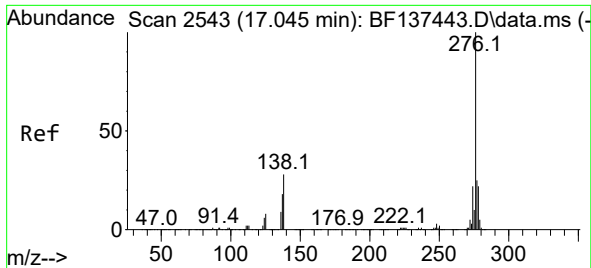
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.7 17.4 26.0

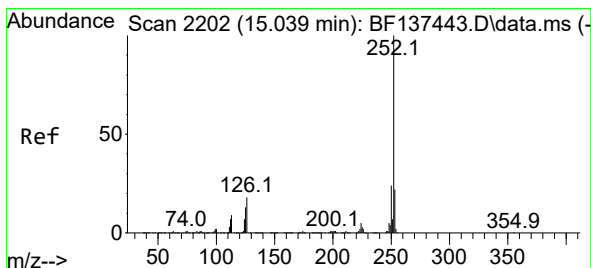
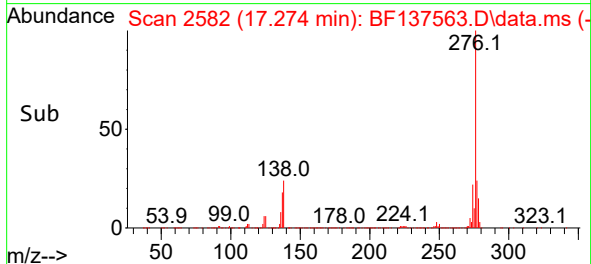
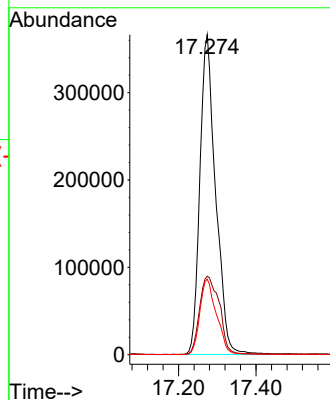
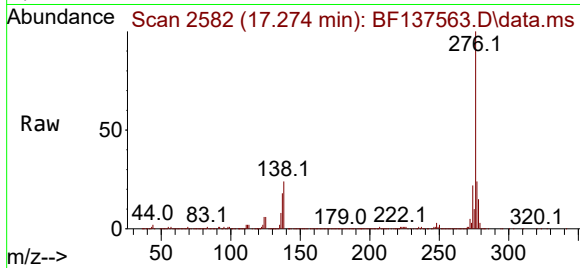




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.787 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

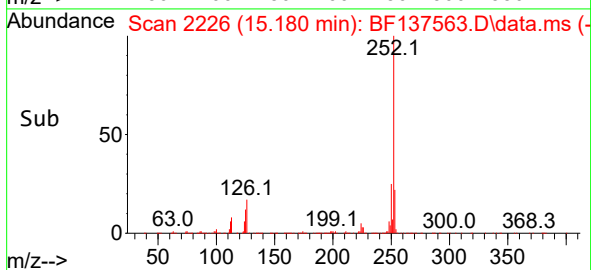
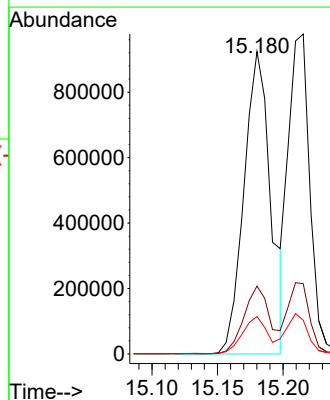
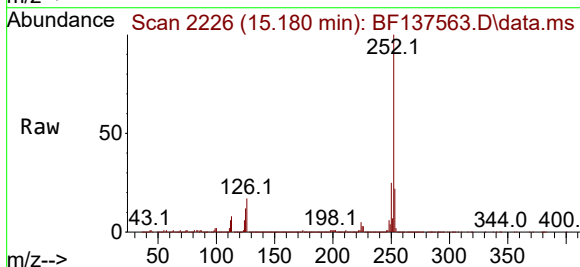
Instrument :
BNA_F
ClientSampleId :
RT3471MSD

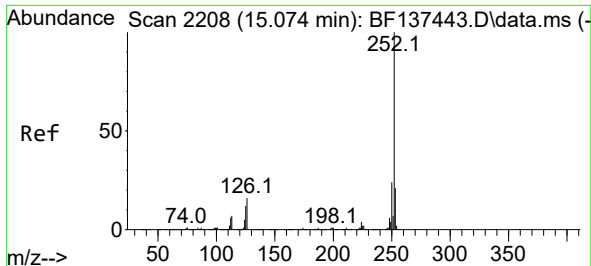
Tgt Ion:276 Resp: 1031187
Ion Ratio Lower Upper
276 100
138 30.8 25.8 38.8
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.545 ng
RT: 15.180 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:252 Resp: 1309205
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.4 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.756 ng

RT: 15.215 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RT3471MSD

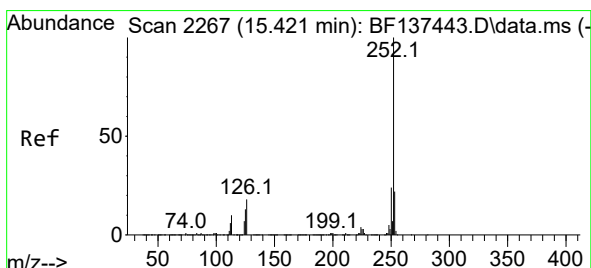
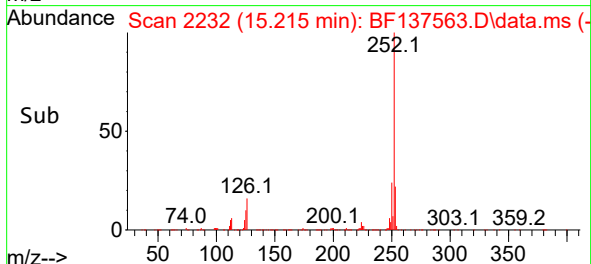
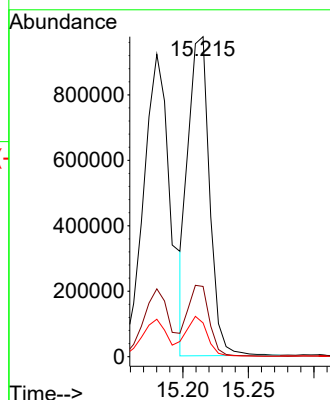
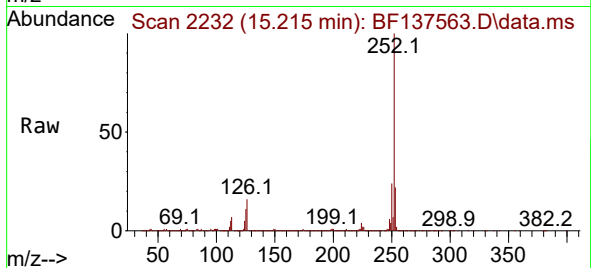
Tgt Ion:252 Resp: 1106050

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.5 9.6 14.4



#90

Benzo(a)pyrene

Concen: 43.135 ng

RT: 15.580 min Scan# 2294

Delta R.T. -0.006 min

Lab File: BF137563.D

Acq: 11 Mar 2024 18:49

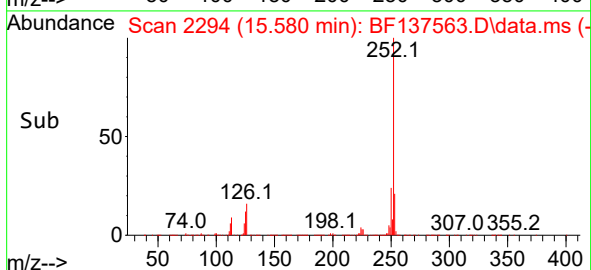
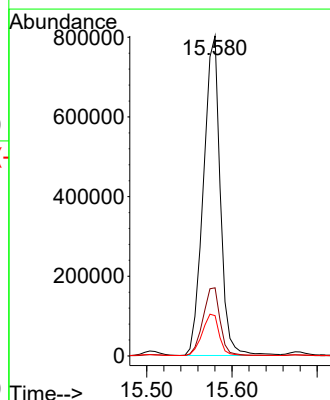
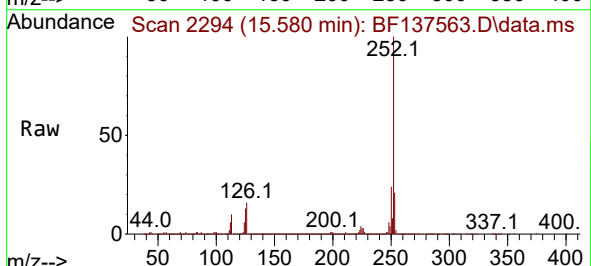
Tgt Ion:252 Resp: 1101010

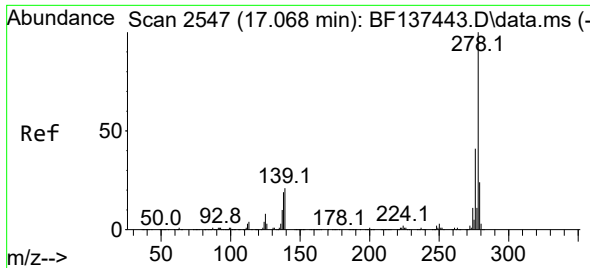
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 12.6 10.4 15.6

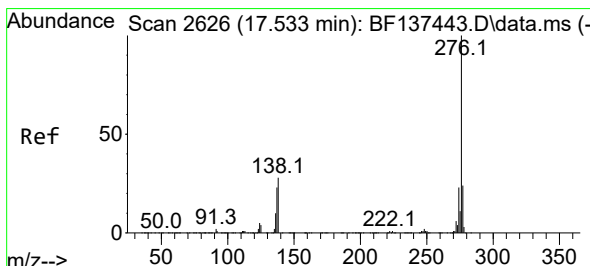
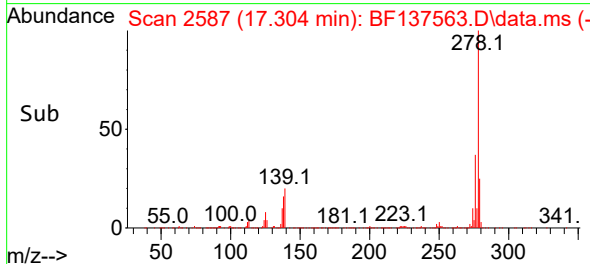
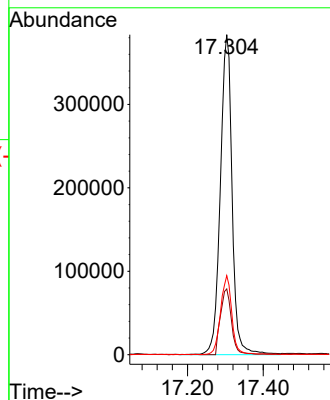
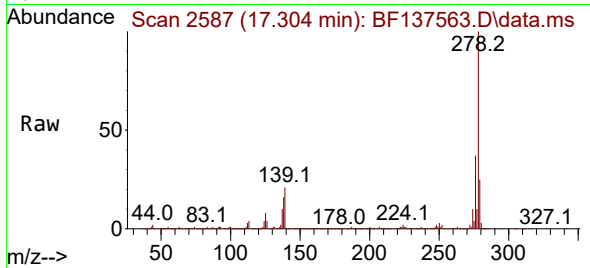




#91
Dibenzo(a,h)anthracene
Concen: 35.486 ng
RT: 17.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Instrument :
BNA_F
ClientSampleId :
RT3471MSD

Tgt Ion:278 Resp: 829475
Ion Ratio Lower Upper
278 100
139 20.6 17.0 25.6
279 24.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 31.921 ng
RT: 17.768 min Scan# 2666
Delta R.T. -0.024 min
Lab File: BF137563.D
Acq: 11 Mar 2024 18:49

Tgt Ion:276 Resp: 766284
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 27.0 22.2 33.2

