

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137408.D
 Acq On : 27 Feb 2024 16:45
 Operator : CG\JU
 Sample : P1524-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Quant Time: Feb 27 17:14:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	224516	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	875750	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	456871	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	662087	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	381218	20.000	ng	-0.01
86) Perylene-d12	15.451	264	451295	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	806258	55.412	ng	-0.01
7) Phenol-d6	6.422	99	645398	30.153	ng	-0.02
23) Nitrobenzene-d5	7.351	82	1598947	91.152	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	454150	114.152	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2410624	82.145	ng	-0.01
79) Terphenyl-d14	12.910	244	1978542	72.592	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	111891	14.038	ng	98
3) Pyridine	3.334	79	144330	8.756	ng	96
4) n-Nitrosodimethylamine	3.275	42	92495	15.888	ng	# 97
6) Aniline	6.451	93	201161	7.925	ng	94
8) 2-Chlorophenol	6.569	128	574361	36.803	ng	100
9) Benzaldehyde	6.334	77	88743	8.612	ng	96
10) Phenol	6.434	94	267232	11.408	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	746770	43.872	ng	97
12) 1,3-Dichlorobenzene	6.722	146	679579	40.550	ng	100
13) 1,4-Dichlorobenzene	6.798	146	698087	40.458	ng	99
14) 1,2-Dichlorobenzene	6.951	146	671988	42.104	ng	98
15) Benzyl Alcohol	6.928	79	335286	26.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1293766	45.728	ng	100
17) 2-Methylphenol	7.045	107	372065	25.197	ng	97
18) Hexachloroethane	7.292	117	231180	38.881	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	585864	44.419	ng	98
20) 3+4-Methylphenols	7.192	107	379864	22.571	ng	# 32
22) Acetophenone	7.192	105	1011873	47.649	ng	# 93
24) Nitrobenzene	7.369	77	837551	46.990	ng	98
25) Isophorone	7.604	82	1638565	45.170	ng	99
26) 2-Nitrophenol	7.681	139	350077	51.194	ng	94
27) 2,4-Dimethylphenol	7.722	122	454751	34.086	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	958869	45.859	ng	98
29) 2,4-Dichlorophenol	7.922	162	538490	43.065	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	593475	44.219	ng	98
31) Naphthalene	8.086	128	1980546	42.142	ng	99
32) Benzoic acid	7.828	122	101835	17.619	ng	99
33) 4-Chloroaniline	8.139	127	103324	5.780	ng	96
34) Hexachlorobutadiene	8.204	225	343813	43.122	ng	99
35) Caprolactam	8.516	113	24051	6.220	ng	93
36) 4-Chloro-3-methylphenol	8.616	107	518457	36.574	ng	98
37) 2-Methylnaphthalene	8.775	142	1239627	40.934	ng	100
38) 1-Methylnaphthalene	8.875	142	1175787	41.065	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	600031	47.684	ng	98
41) Hexachlorocyclopentadiene	8.927	237	278203	48.763	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	380080	46.585	ng	99

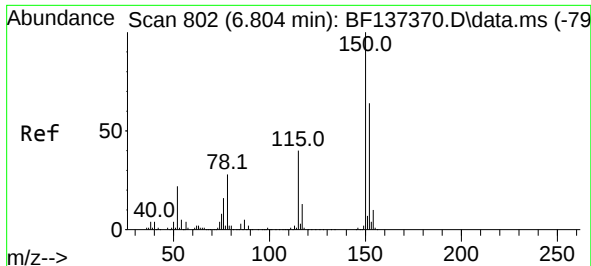
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	392840	41.969	ng	98
46) 1,1'-Biphenyl	9.245	154	1531957	46.039	ng	99
47) 2-Chloronaphthalene	9.269	162	1191440	47.412	ng	99
48) 2-Nitroaniline	9.369	65	378518	49.453	ng	97
49) Acenaphthylene	9.680	152	1866022	45.704	ng	99
50) Dimethylphthalate	9.551	163	1441766	45.670	ng	100
51) 2,6-Dinitrotoluene	9.610	165	302646	51.531	ng	# 87
52) Acenaphthene	9.857	154	1055079	43.291	ng	99
53) 3-Nitroaniline	9.780	138	120762	19.470	ng	98
54) 2,4-Dinitrophenol	9.886	184	221302	76.602	ng	98
55) Dibenzofuran	10.027	168	1612523	42.809	ng	98
56) 4-Nitrophenol	9.945	139	98725	23.484	ng	94
57) 2,4-Dinitrotoluene	10.016	165	362267	48.771	ng	96
58) Fluorene	10.374	166	1177497	40.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	324658	41.885	ng	100
60) Diethylphthalate	10.251	149	1368807	46.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	584891	41.333	ng	97
62) 4-Nitroaniline	10.398	138	196149	32.331	ng	98
63) Azobenzene	10.527	77	1502809	42.615	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	157384	48.555	ng	94
66) n-Nitrosodiphenylamine	10.486	169	1072821	49.893	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	363509	51.071	ng	# 93
68) Hexachlorobenzene	10.916	284	368697	50.074	ng	93
69) Atrazine	11.021	200	315403	54.352	ng	99
70) Pentachlorophenol	11.116	266	385983	82.739	ng	99
71) Phenanthrene	11.339	178	1627923	44.566	ng	99
72) Anthracene	11.392	178	1657551	44.032	ng	99
73) Carbazole	11.545	167	1356874	42.187	ng	99
74) Di-n-butylphthalate	11.886	149	1970501	61.228	ng	99
75) Fluoranthene	12.533	202	1409964	39.543	ng	100
77) Benzidine	12.668	184	32999	11.271	ng	97
78) Pyrene	12.757	202	1414931	39.252	ng	100
80) Butylbenzylphthalate	13.392	149	449065	71.508	ng	94
81) Benzo(a)anthracene	13.957	228	1245460	47.081	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	257065	42.336	ng	99
83) Chrysene	13.992	228	1268918	46.957	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	685739	82.104	ng	98
85) Di-n-octyl phthalate	14.580	149	1385119	82.874	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.945	276	1051133	34.197	ng	100
88) Benzo(b)fluoranthene	15.015	252	1292303	46.679	ng	99
89) Benzo(k)fluoranthene	15.045	252	1333886	45.970	ng	99
90) Benzo(a)pyrene	15.386	252	1192647	45.417	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	868591	34.373	ng	98
92) Benzo(g,h,i)perylene	17.398	276	757575	29.455	ng	100

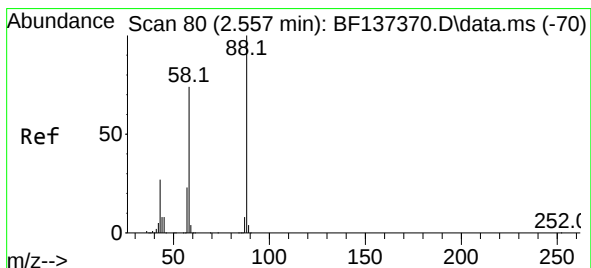
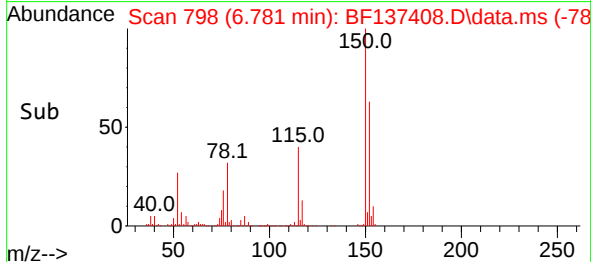
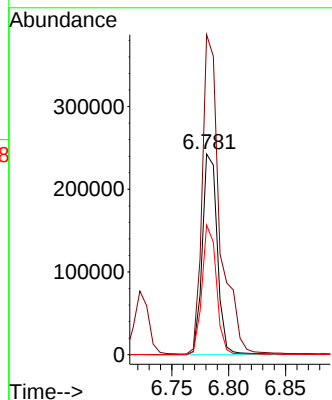
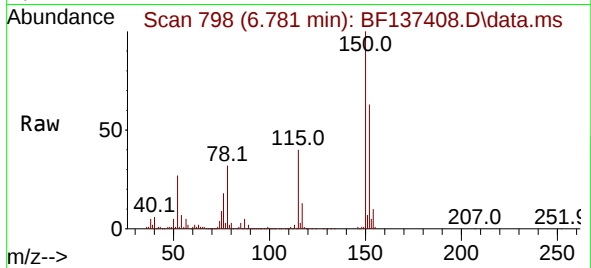
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137408.D
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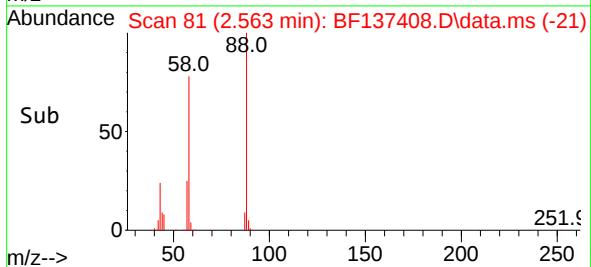
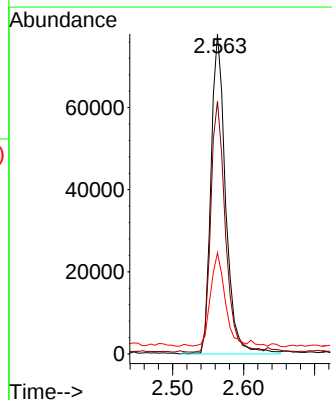
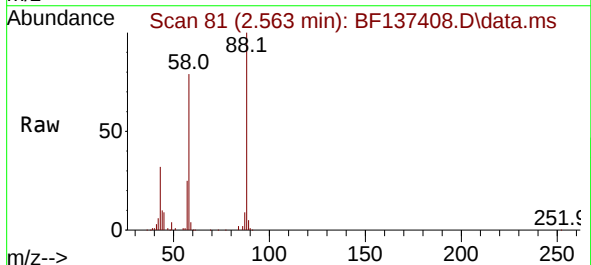
Instrument :
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 20240768-AMENDED-COMP-39N-N-3-03MS

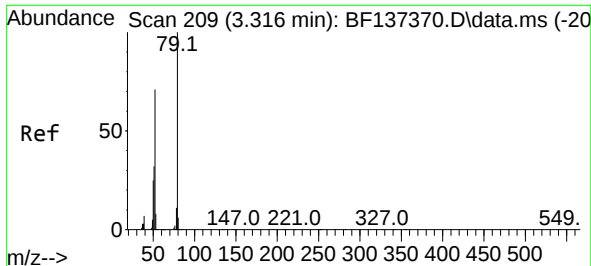
Tgt Ion:152 Resp: 224516
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.7 188.5
 115 64.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 14.038 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

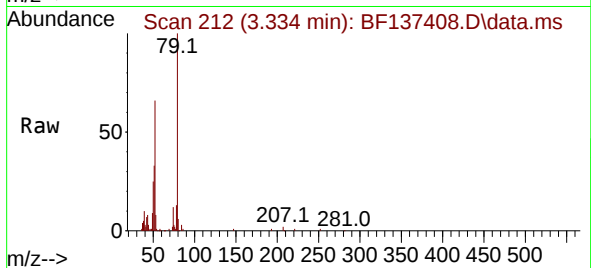
Tgt Ion: 88 Resp: 111891
 Ion Ratio Lower Upper
 88 100
 58 78.0 60.6 91.0
 43 28.6 22.0 33.0



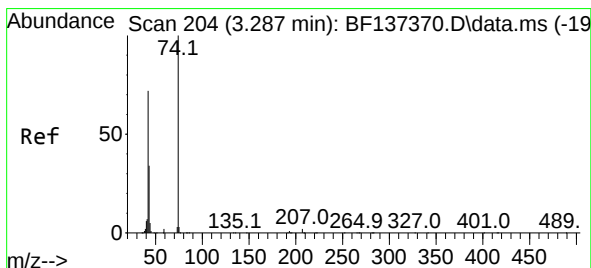
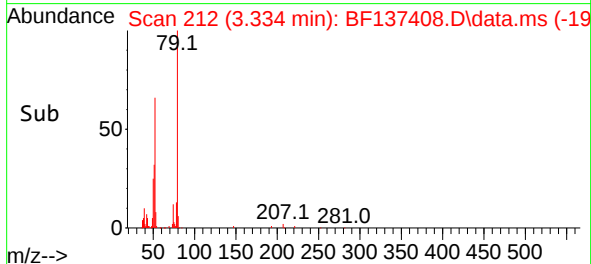
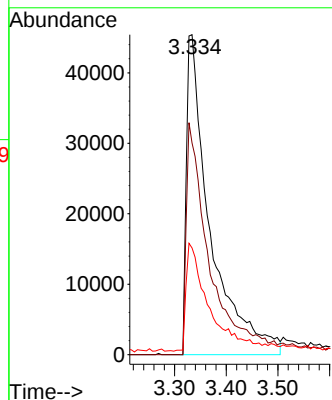


#3
Pyridine
Concen: 8.756 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

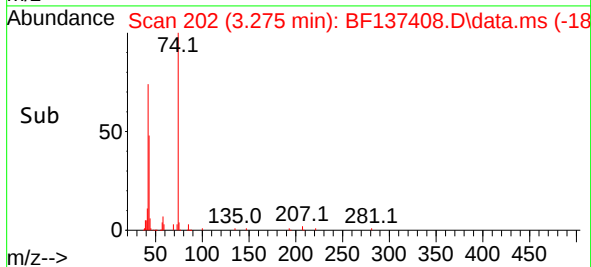
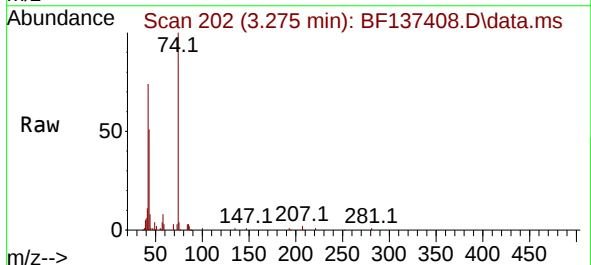
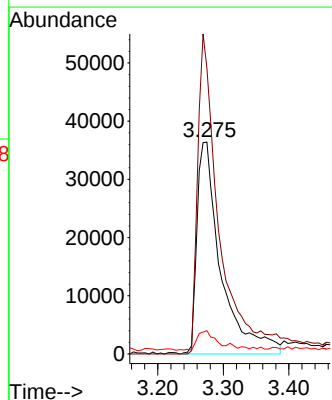


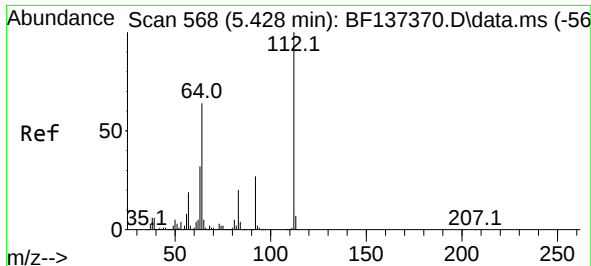
Tgt Ion: 79 Resp: 144330
Ion Ratio Lower Upper
79 100
52 66.1 56.5 84.7
51 33.3 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 15.888 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 42 Resp: 92495
Ion Ratio Lower Upper
42 100
74 134.8 110.8 166.2
44 11.0 6.0 9.0#

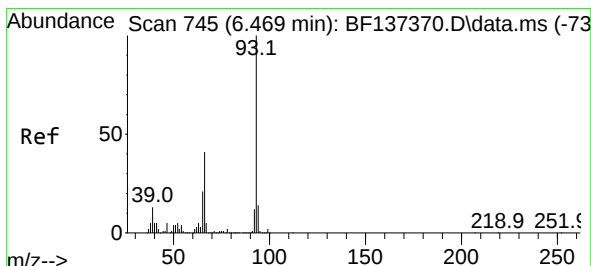
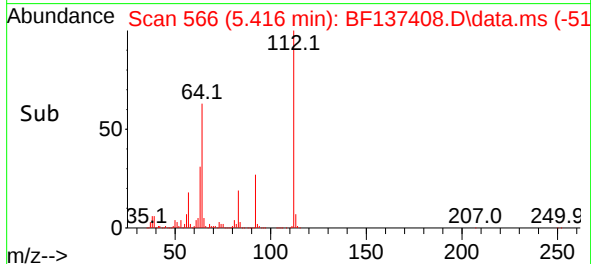
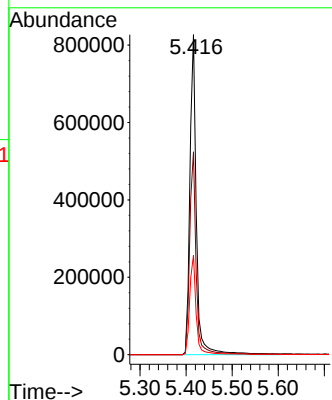
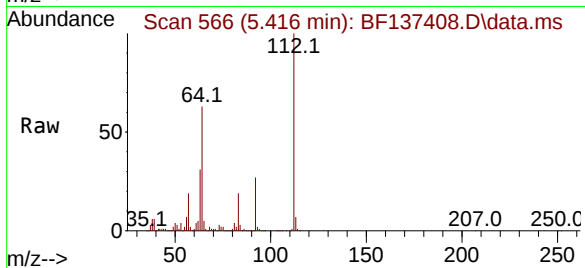




#5
2-Fluorophenol
Concen: 55.412 ng
RT: 5.416 min Scan# 501
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

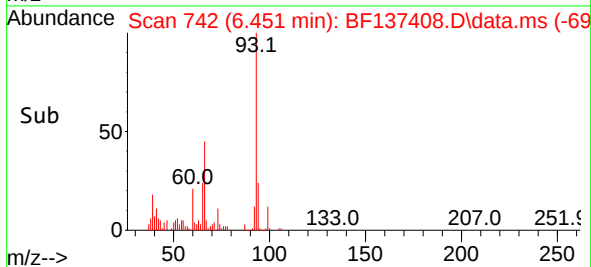
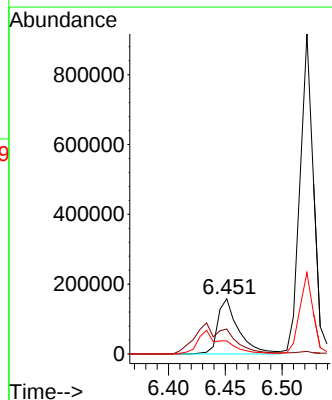
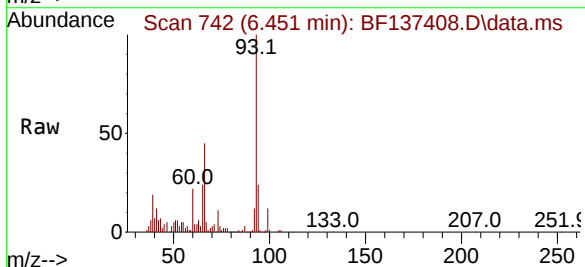
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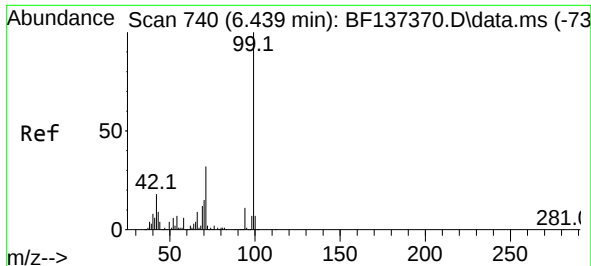
Tgt Ion:112 Resp: 806258
Ion Ratio Lower Upper
112 100
64 63.4 51.0 76.6
63 31.1 25.7 38.5



#6
Aniline
Concen: 7.925 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 93 Resp: 201161
Ion Ratio Lower Upper
93 100
66 45.3 33.0 49.4
65 23.8 17.0 25.6





#7

Phenol-d6

Concen: 30.153 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF137408.D

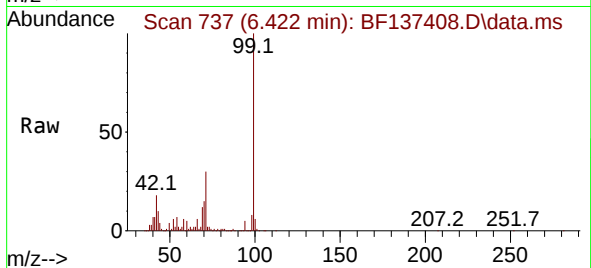
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



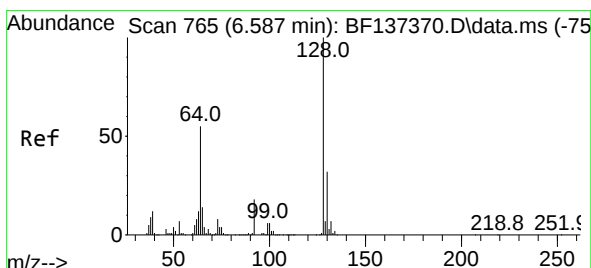
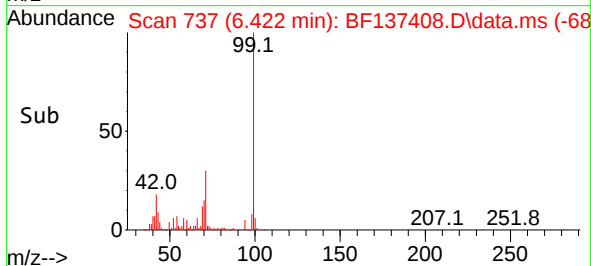
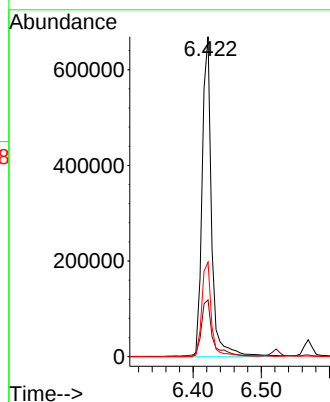
Tgt Ion: 99 Resp: 645398

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

71 29.6 25.2 37.8



#8

2-Chlorophenol

Concen: 36.803 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

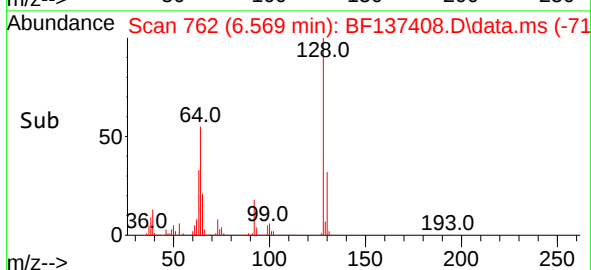
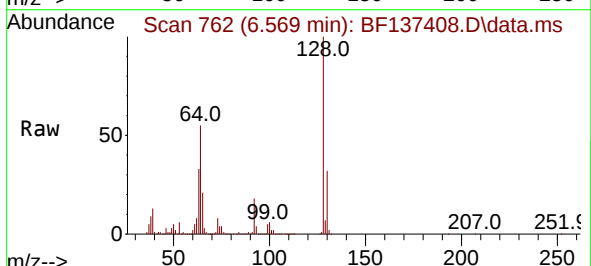
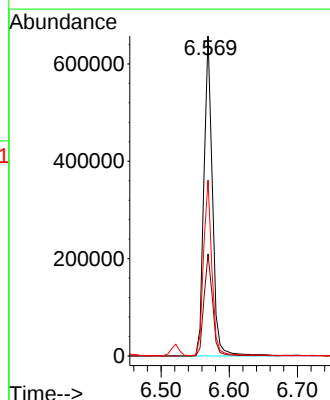
Tgt Ion:128 Resp: 574361

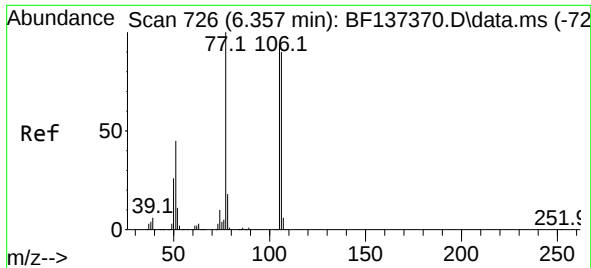
Ion Ratio Lower Upper

128 100

130 31.9 12.1 52.1

64 54.9 35.3 75.3





#9

Benzaldehyde

Concen: 8.612 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF137408.D

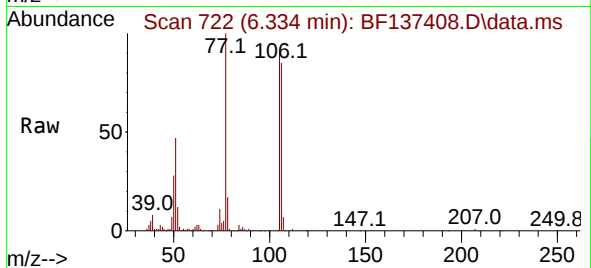
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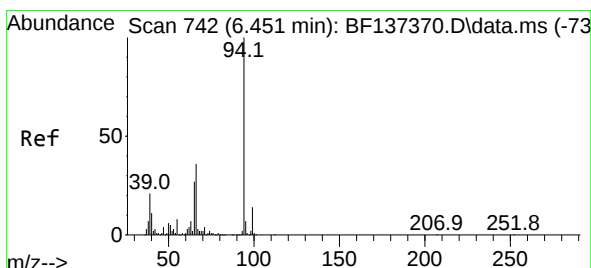
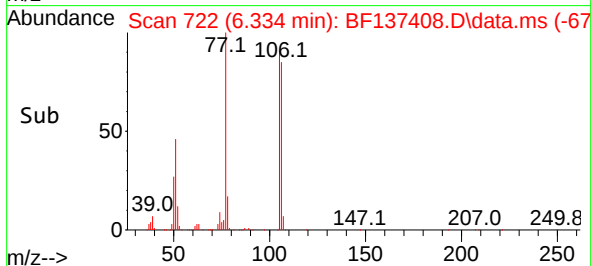
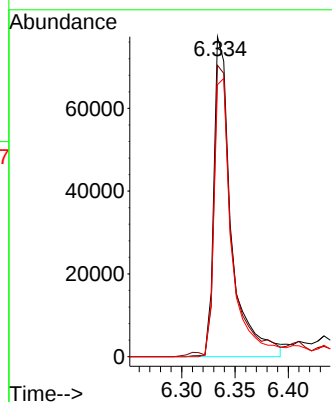
Tgt Ion: 77 Resp: 88743

Ion Ratio Lower Upper

77 100

105 91.0 74.1 114.1

106 85.0 70.2 110.2



#10

Phenol

Concen: 11.408 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

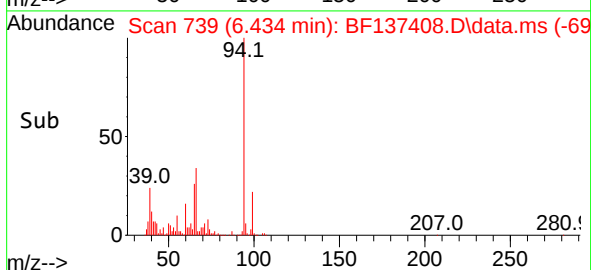
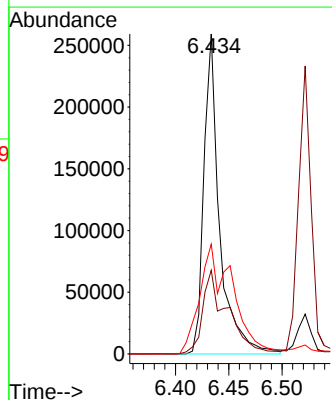
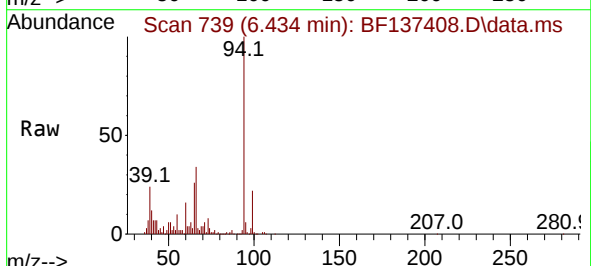
Tgt Ion: 94 Resp: 267232

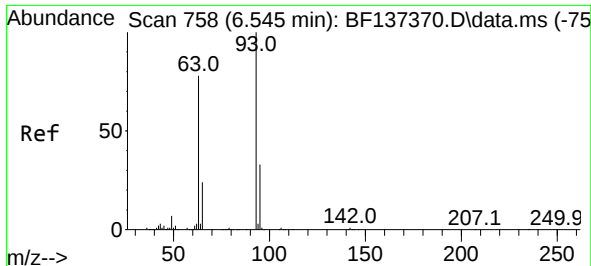
Ion Ratio Lower Upper

94 100

65 26.1 7.4 47.4

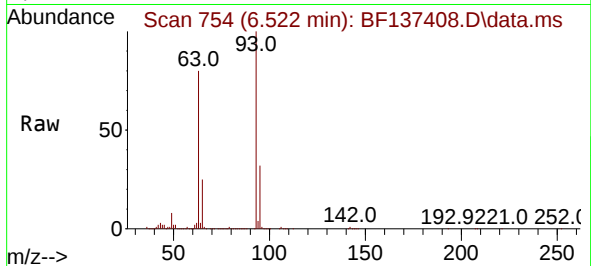
66 34.3 15.6 55.6



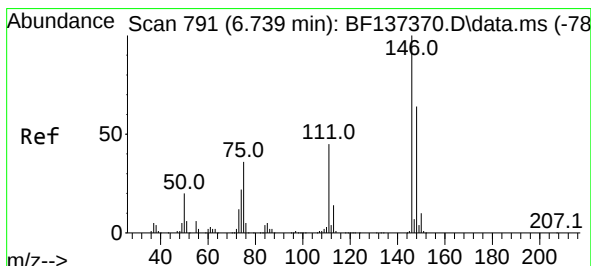
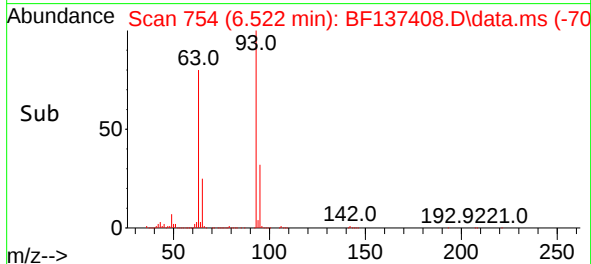
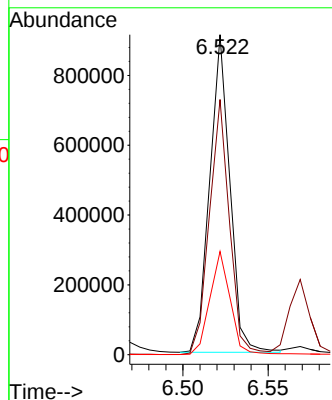


#11
bis(2-Chloroethyl)ether
Concen: 43.872 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.024 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

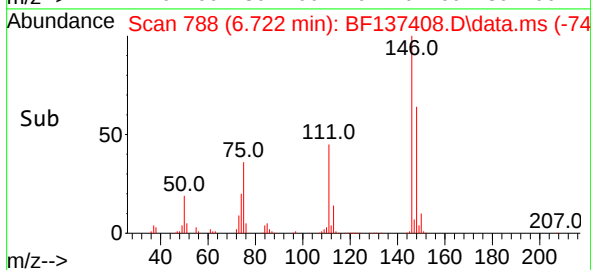
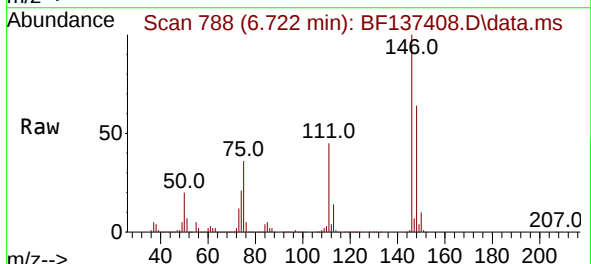
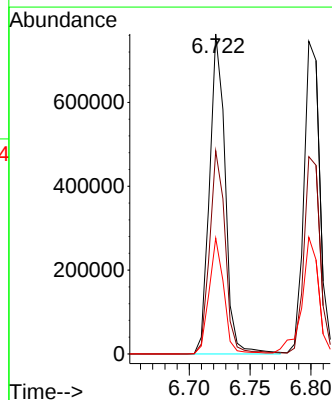


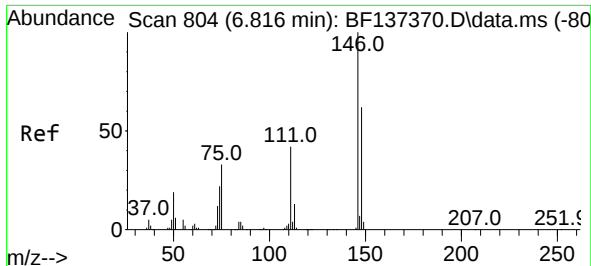
Tgt Ion: 93 Resp: 746770
Ion Ratio Lower Upper
93 100
63 79.8 56.1 96.1
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.550 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 146 Resp: 679579
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 36.2 28.5 42.7

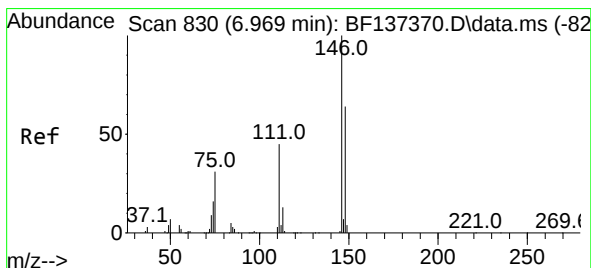
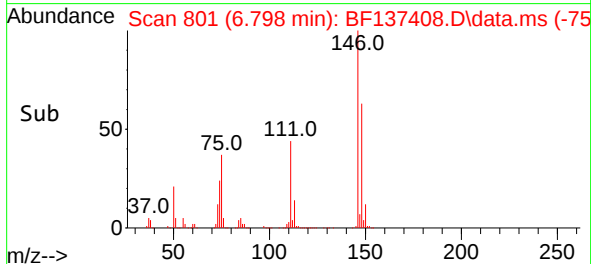
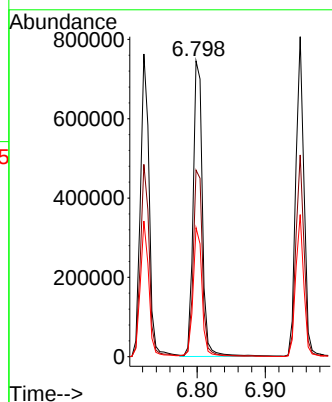
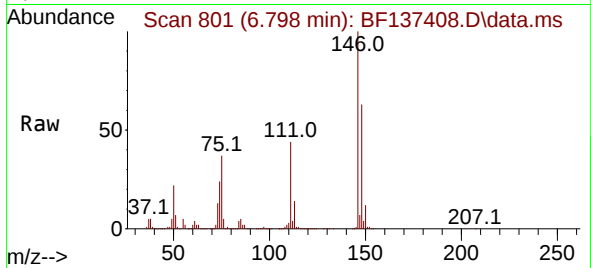




#13
 1,4-Dichlorobenzene
 Concen: 40.458 ng
 RT: 6.798 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

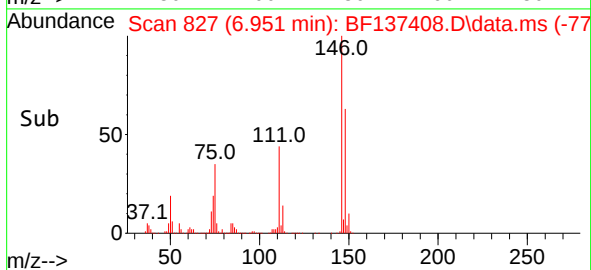
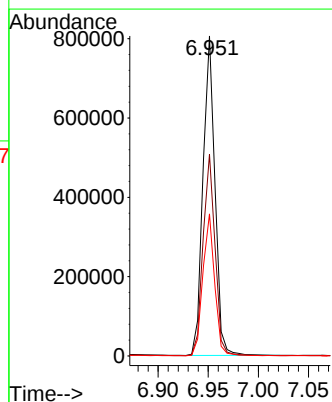
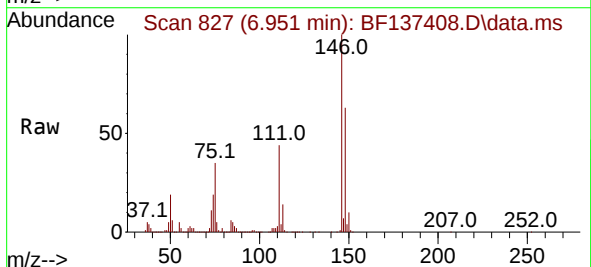
Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

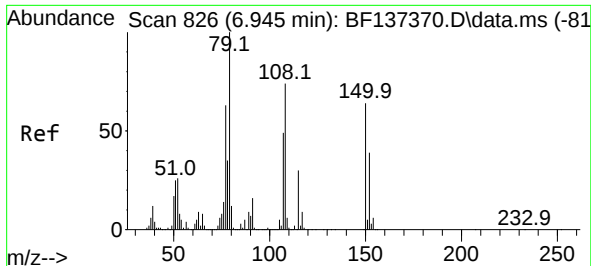
Tgt Ion:146 Resp: 698087
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.9 74.9
 111 43.6 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 42.104 ng
 RT: 6.951 min Scan# 827
 Delta R.T. -0.018 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

Tgt Ion:146 Resp: 671988
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.0
 111 44.4 36.6 54.8

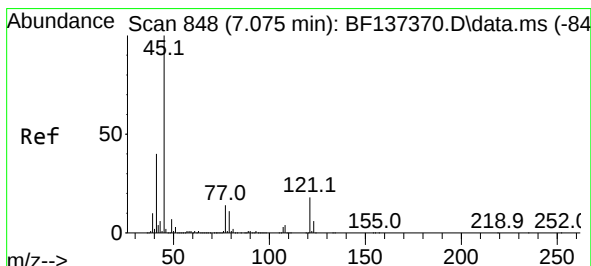
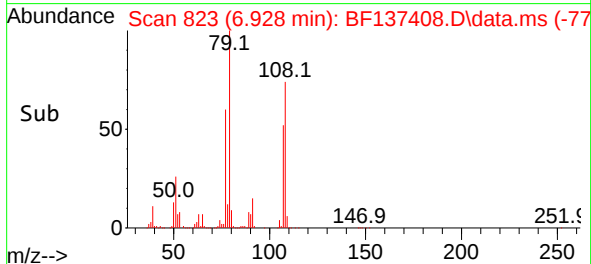
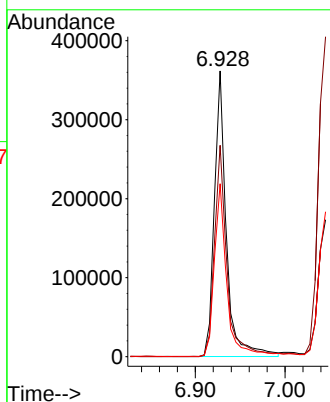
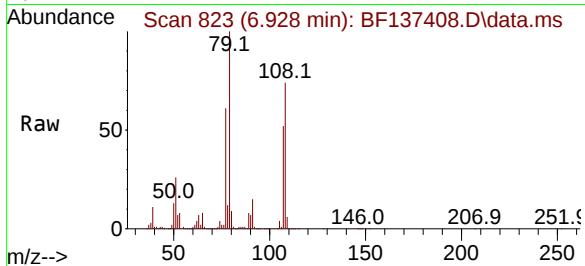




#15
Benzyl Alcohol
Concen: 26.279 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

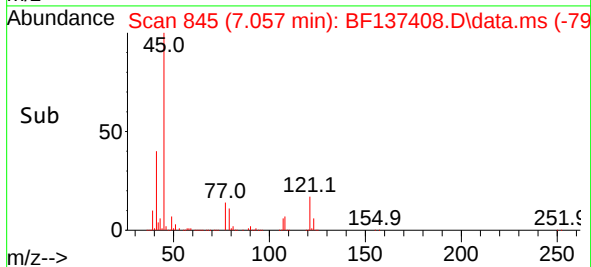
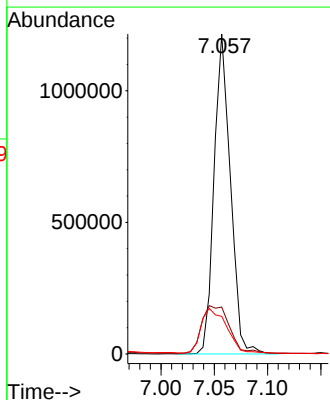
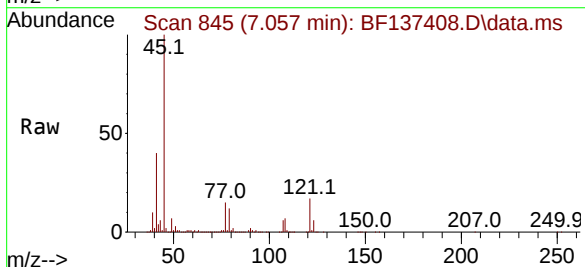
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

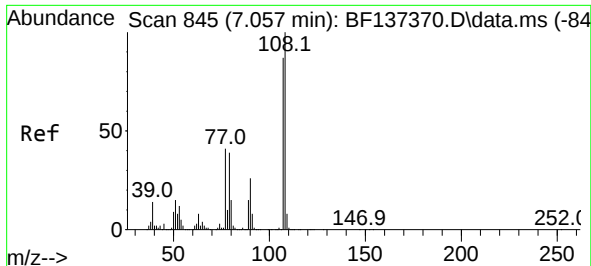
Tgt Ion: 79 Resp: 335286
Ion Ratio Lower Upper
79 100
108 74.0 59.5 89.3
77 60.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.728 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

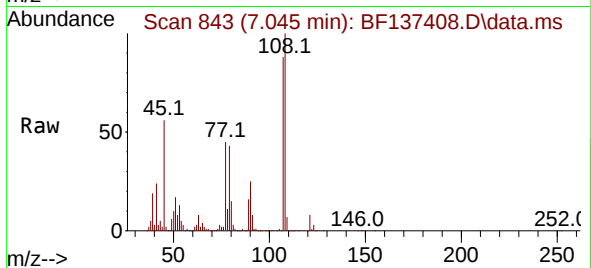
Tgt Ion: 45 Resp: 1293766
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.7 0.0 31.6



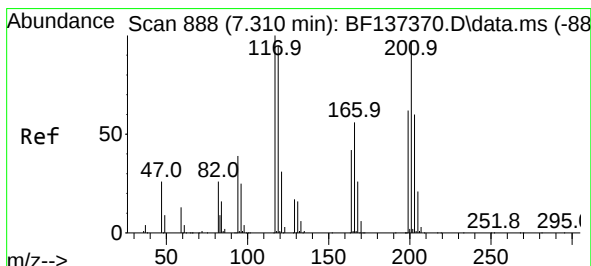
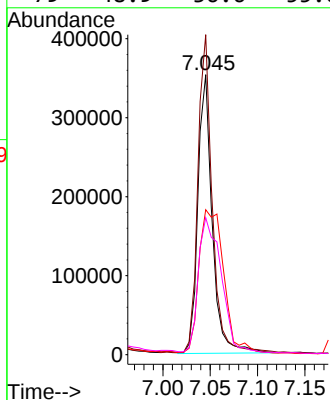
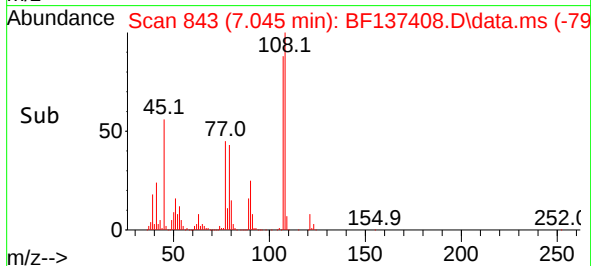


#17
2-Methylphenol
Concen: 25.197 ng
RT: 7.045 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

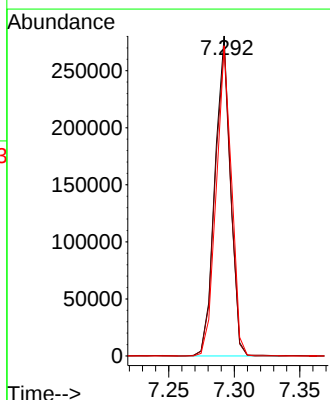
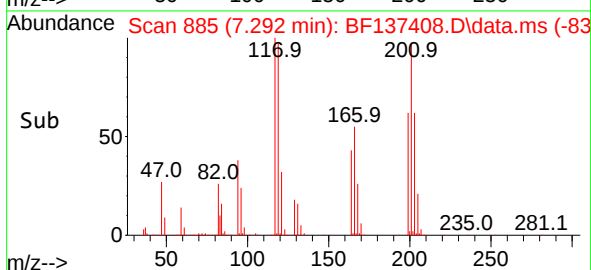
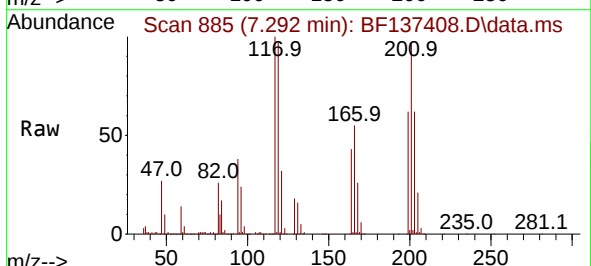


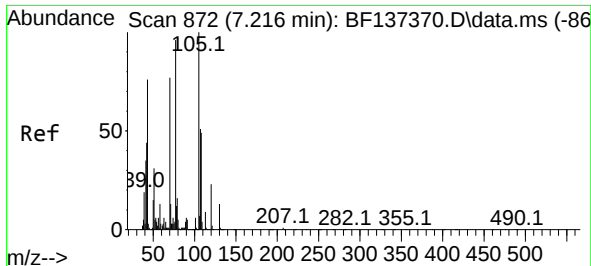
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.2	138.4
77	51.8	38.1	57.1
79	48.9	36.6	55.0



#18
Hexachloroethane
Concen: 38.881 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.4
201	97.0	77.6	116.4

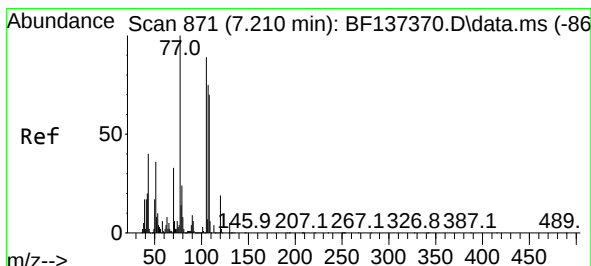
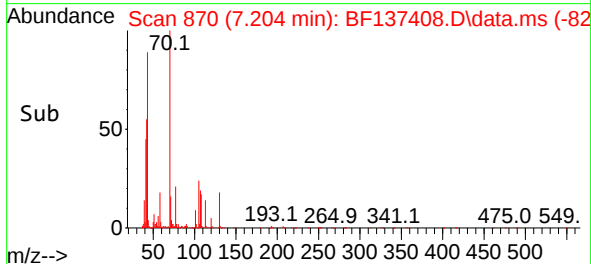
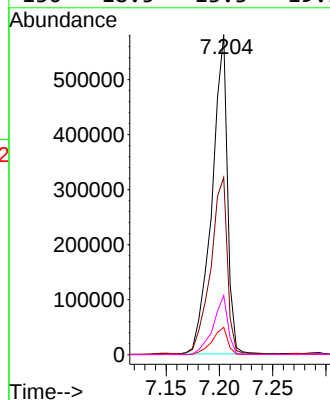
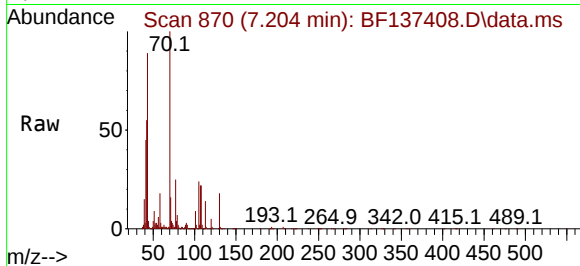




#19
n-Nitroso-di-n-propylamine
Concen: 44.419 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

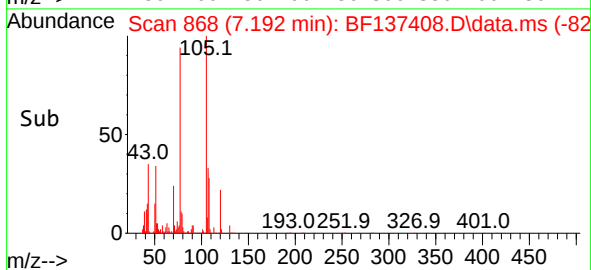
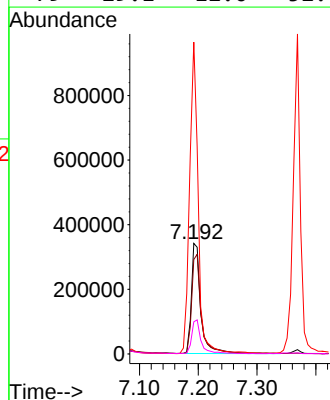
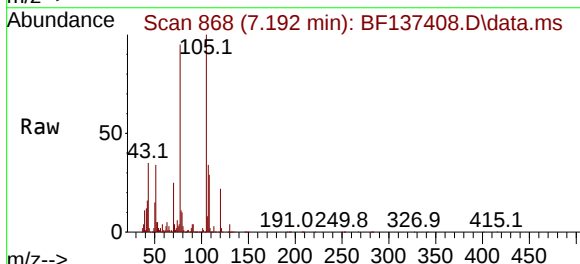
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

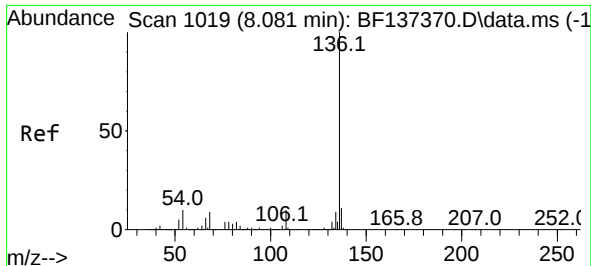
Tgt Ion:	70	Resp:	585864
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.3	67.9
101	8.6	6.5	9.7
130	18.5	13.3	19.9



#20
3+4-Methylphenols
Concen: 22.571 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

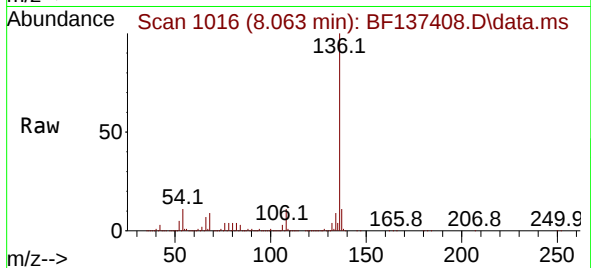
Tgt Ion:	107	Resp:	379864
Ion	Ratio	Lower	Upper
107	100		
108	85.4	73.1	113.1
77	282.1	113.6	153.6#
79	29.1	12.0	52.0



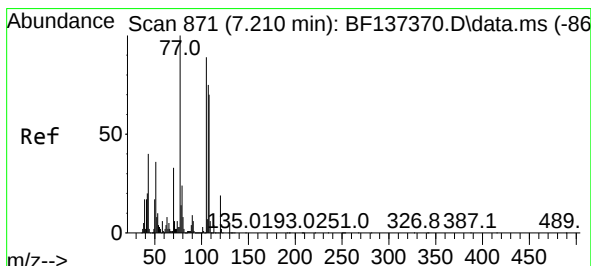
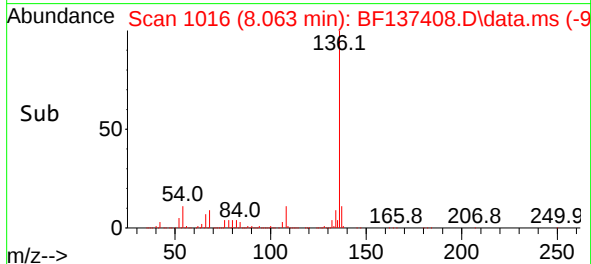
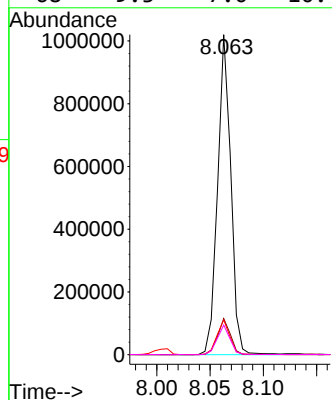


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

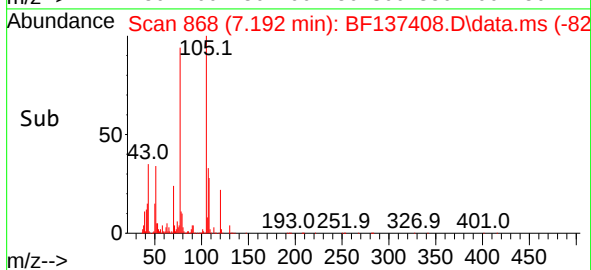
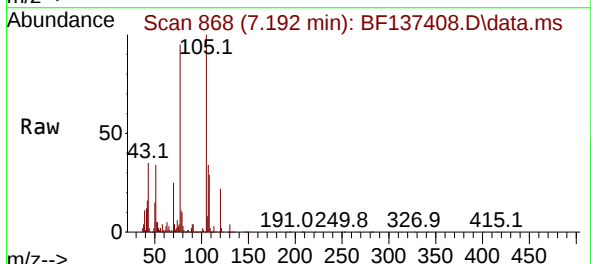
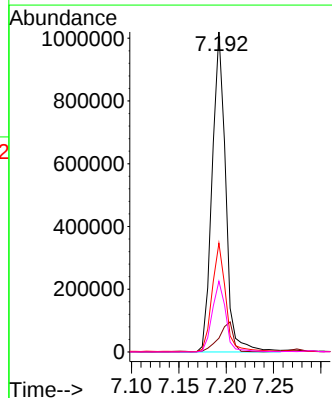


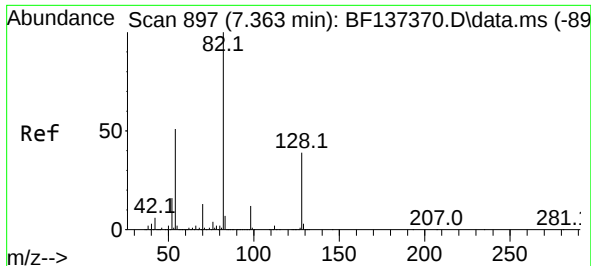
Tgt Ion:	136	Resp:	875750
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.9	7.8	11.6
68	9.3	7.0	10.4



#22
Acetophenone
Concen: 47.649 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:	105	Resp:	1011873
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.0	7.6#
51	34.0	32.2	48.4
120	22.1	17.0	25.4





#23

Nitrobenzene-d5

Concen: 91.152 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137408.D

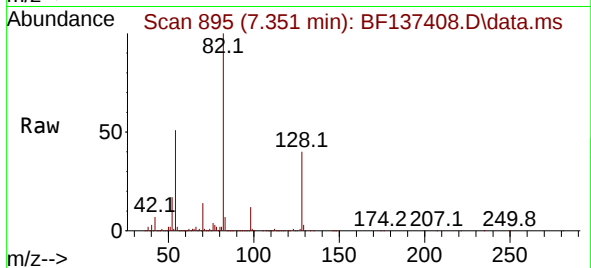
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



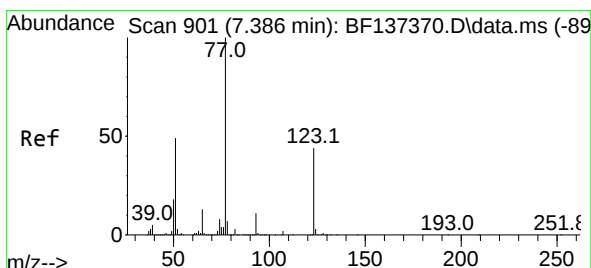
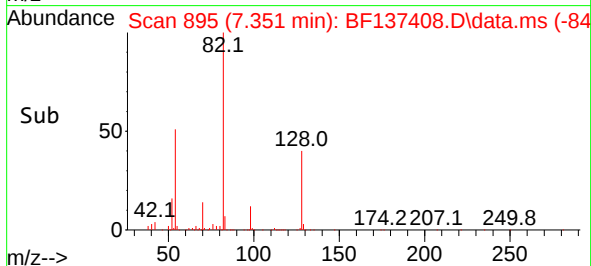
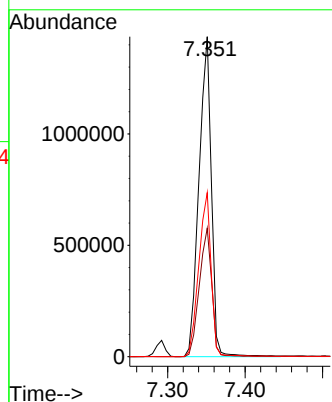
Tgt Ion: 82 Resp: 1598947

Ion Ratio Lower Upper

82 100

128 40.1 30.8 46.2

54 51.2 40.8 61.2



#24

Nitrobenzene

Concen: 46.990 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

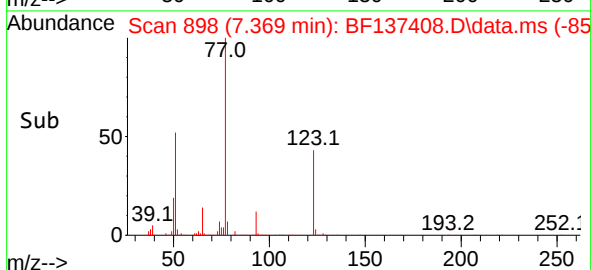
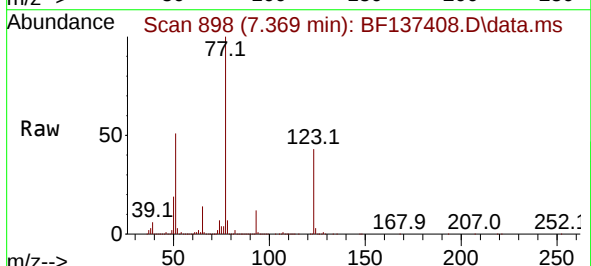
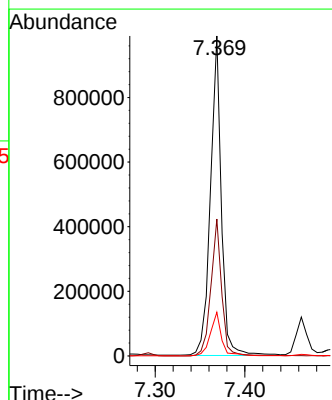
Tgt Ion: 77 Resp: 837551

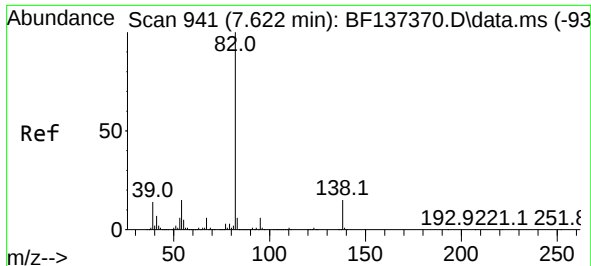
Ion Ratio Lower Upper

77 100

123 42.8 35.4 53.0

65 13.7 10.3 15.5

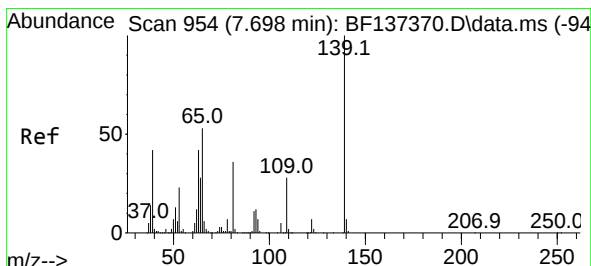
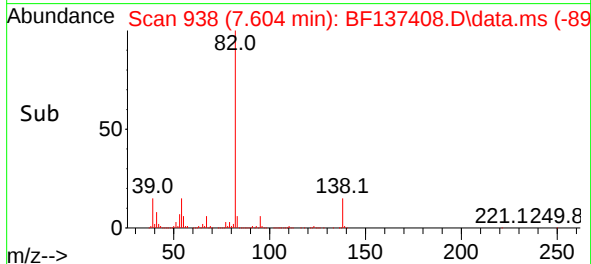
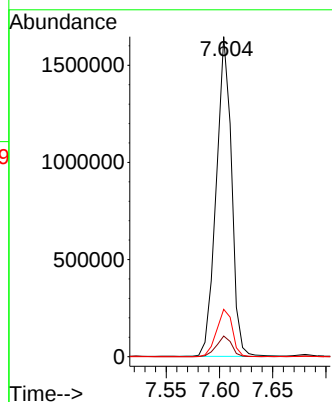
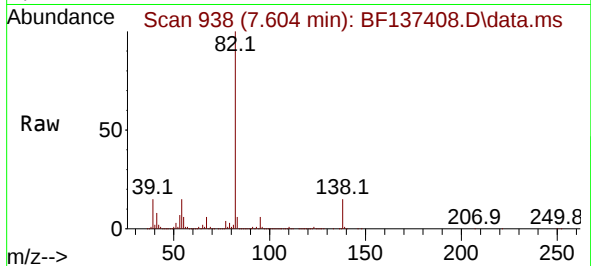




#25
Isophorone
Concen: 45.170 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

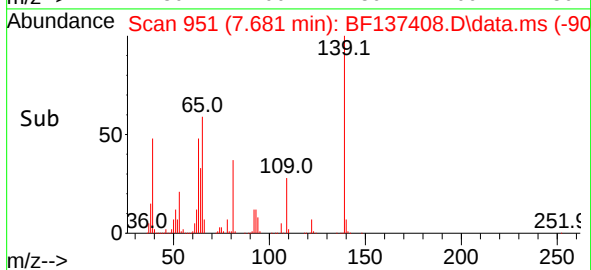
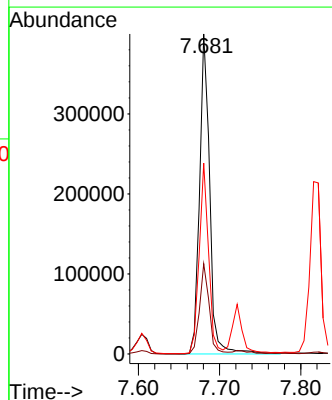
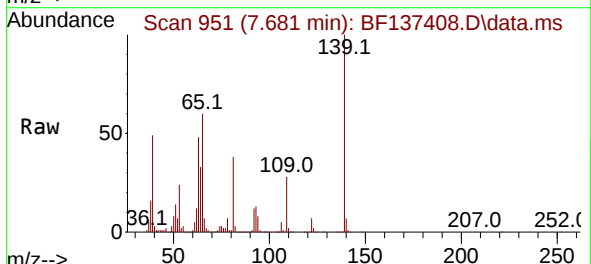
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

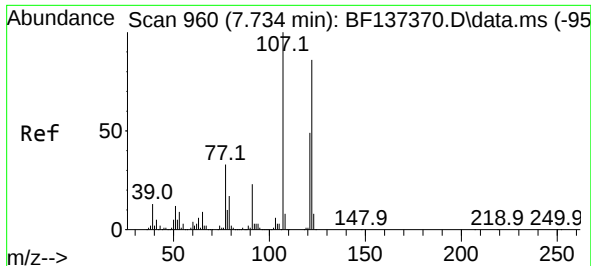
Tgt Ion: 82 Resp: 1638565
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.8 12.2 18.4



#26
2-Nitrophenol
Concen: 51.194 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:139 Resp: 350077
Ion Ratio Lower Upper
139 100
109 28.2 22.5 33.7
65 59.7 42.3 63.5

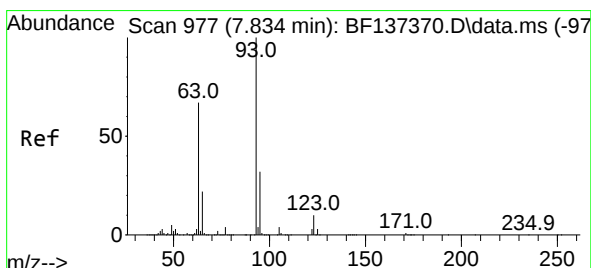
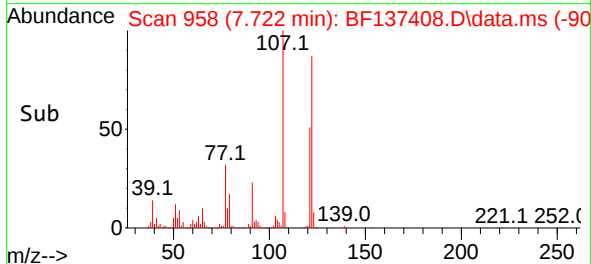
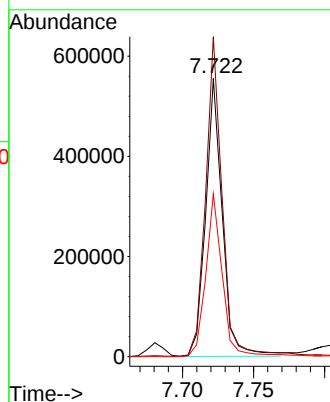
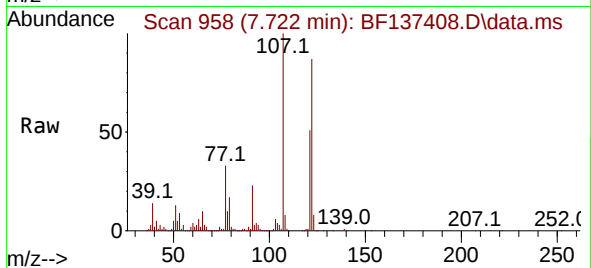




#27
2,4-Dimethylphenol
Concen: 34.086 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

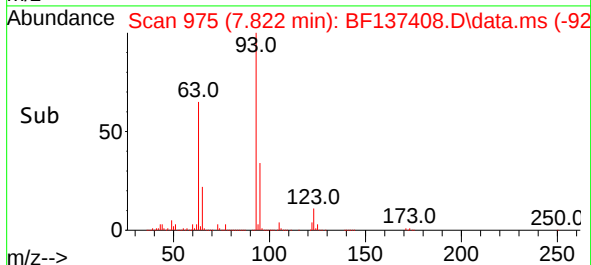
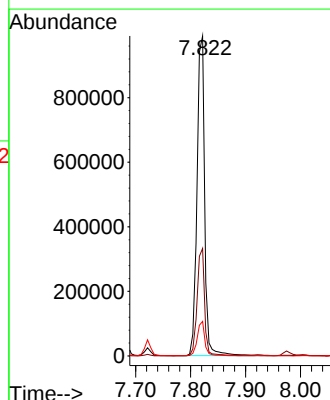
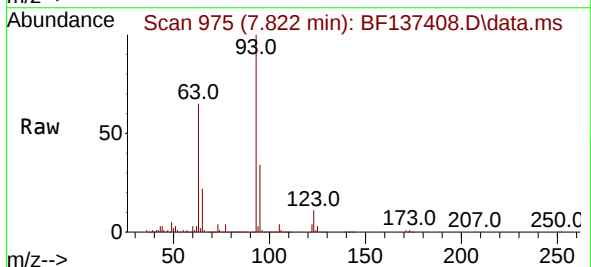
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

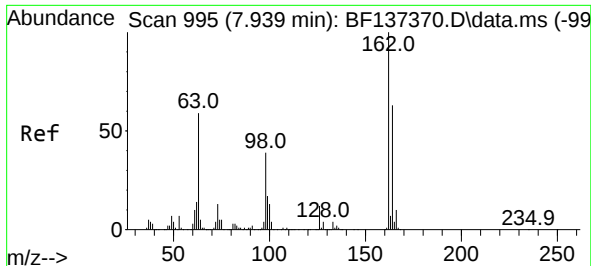
Tgt Ion:122 Resp: 454751
Ion Ratio Lower Upper
122 100
107 115.0 92.7 139.1
121 58.5 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.859 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 93 Resp: 958869
Ion Ratio Lower Upper
93 100
95 33.6 25.9 38.9
123 10.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 43.065 ng

RT: 7.922 min Scan# 995

Delta R.T. -0.018 min

Lab File: BF137408.D

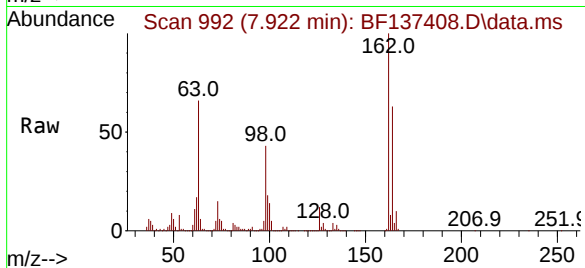
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



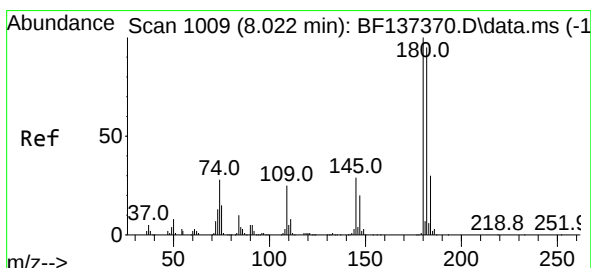
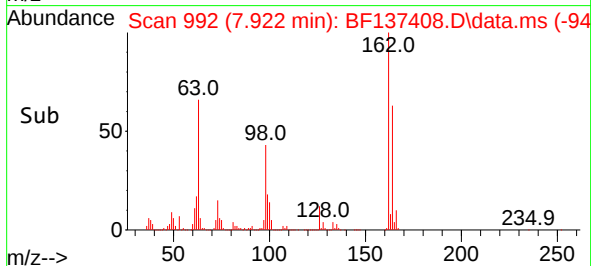
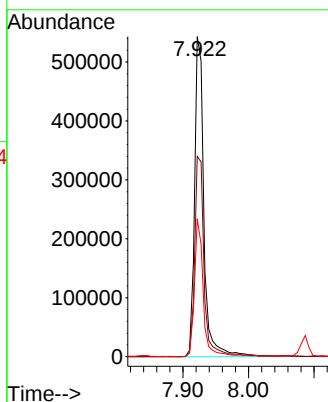
Tgt Ion:162 Resp: 538490

Ion Ratio Lower Upper

162 100

164 62.6 43.1 83.1

98 43.1 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 44.219 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

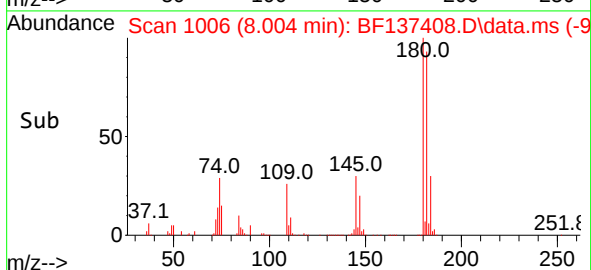
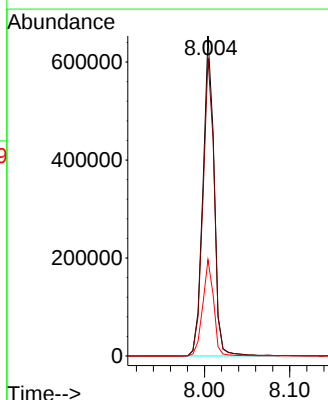
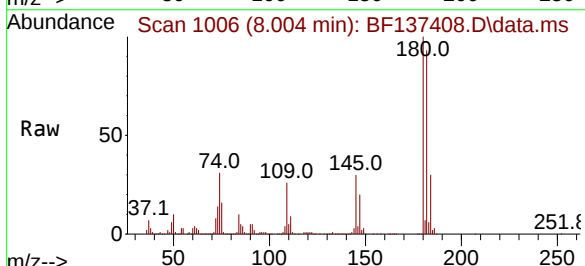
Tgt Ion:180 Resp: 593475

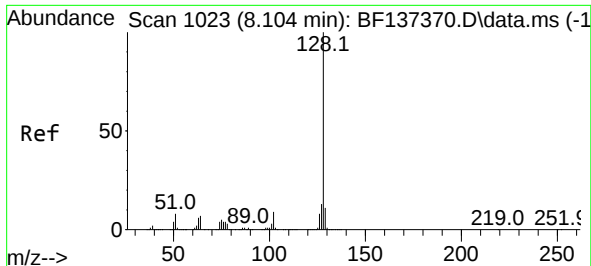
Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

145 30.1 23.4 35.0

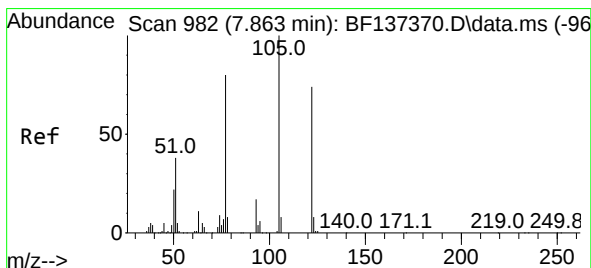
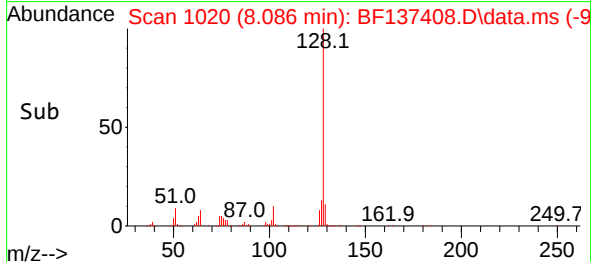
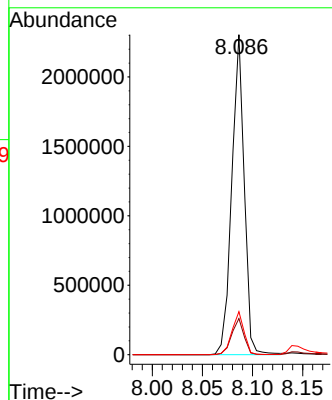
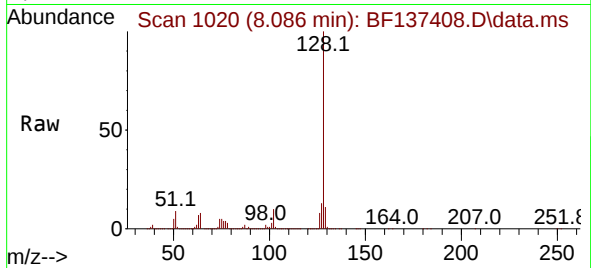




#31
Naphthalene
Concen: 42.142 ng
RT: 8.086 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

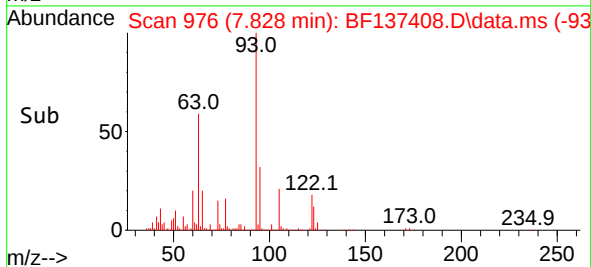
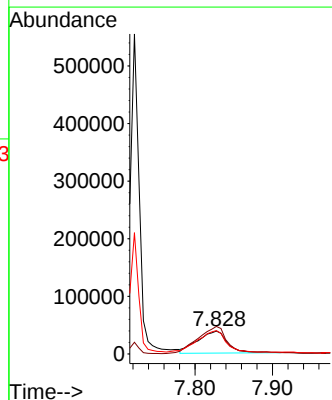
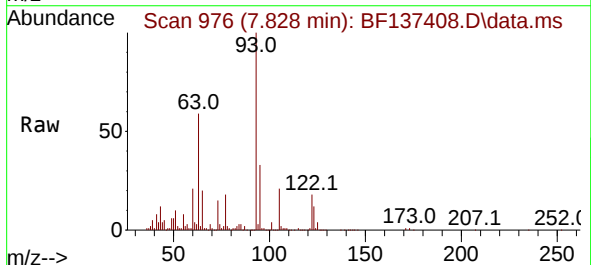
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

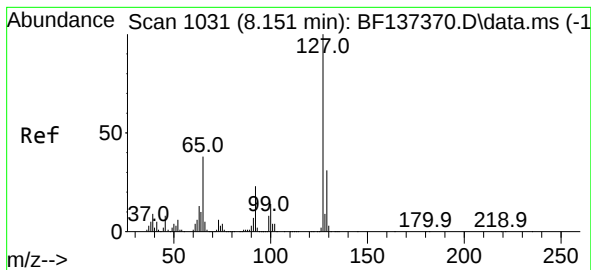
Tgt Ion:128 Resp: 1980546
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 17.619 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.035 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:122 Resp: 101835
Ion Ratio Lower Upper
122 100
105 120.2 101.1 141.1
77 101.9 82.8 122.8

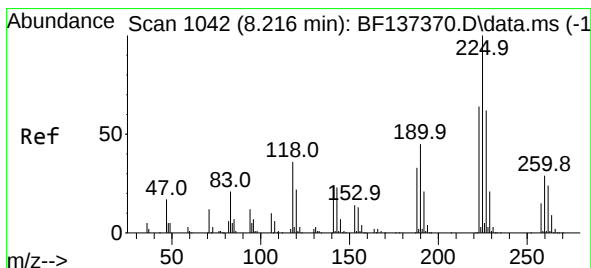
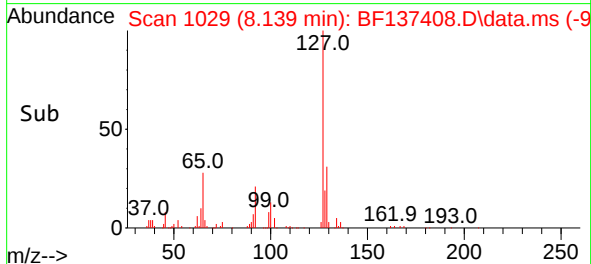
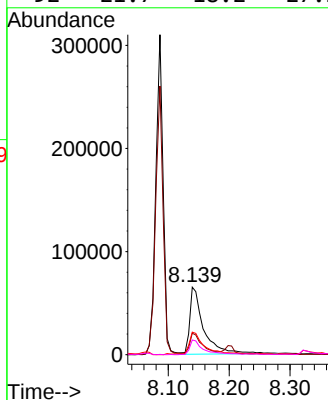
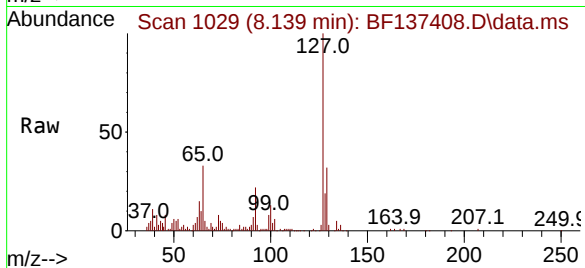




#33
4-Chloroaniline
Concen: 5.780 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

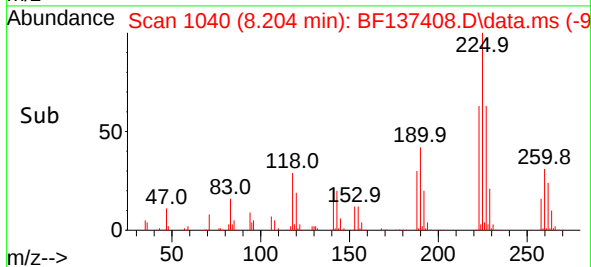
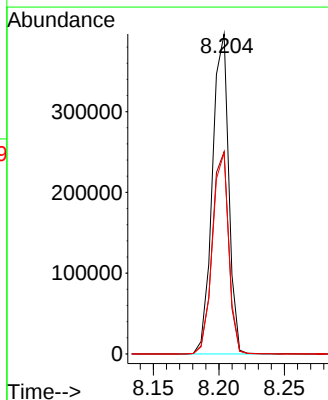
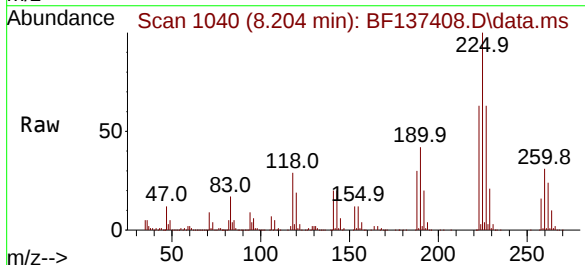
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

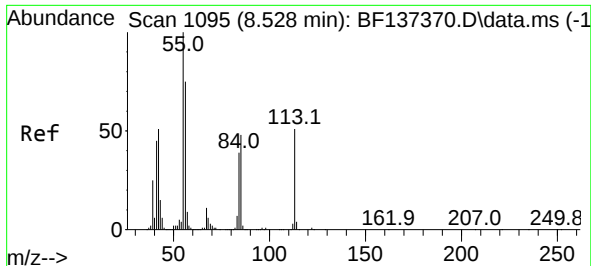
Tgt Ion:	127	Resp:	103324
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.0	37.6
65	33.4	30.4	45.6
92	21.7	18.2	27.2



#34
Hexachlorobutadiene
Concen: 43.122 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:	225	Resp:	343813
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	62.9	49.8	74.6

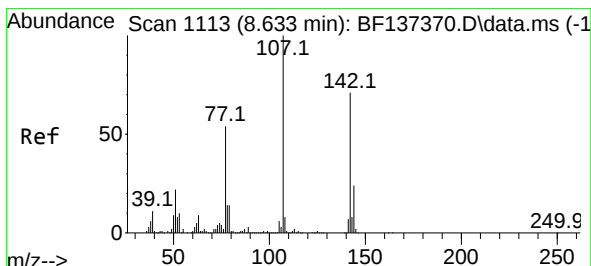
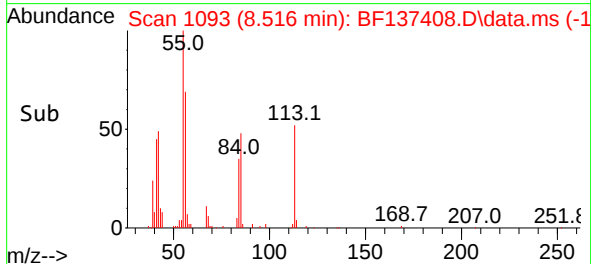
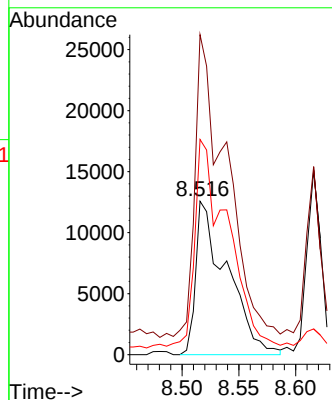
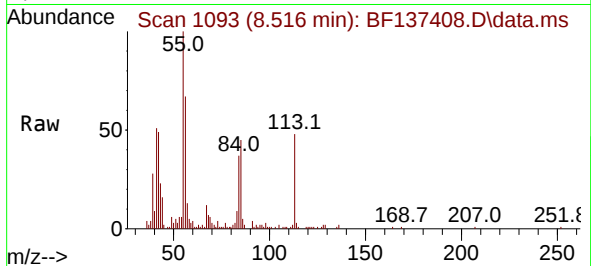




#35
 Caprolactam
 Concen: 6.220 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

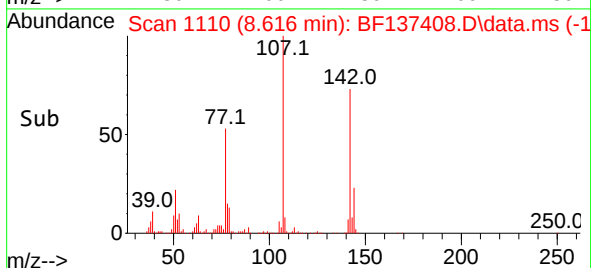
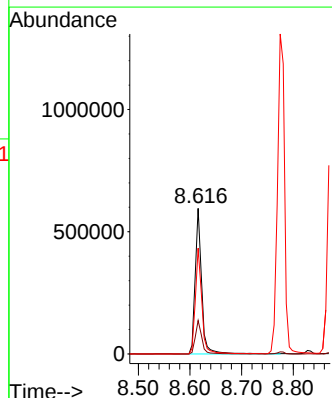
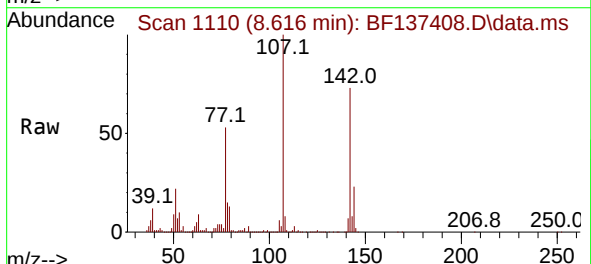
Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

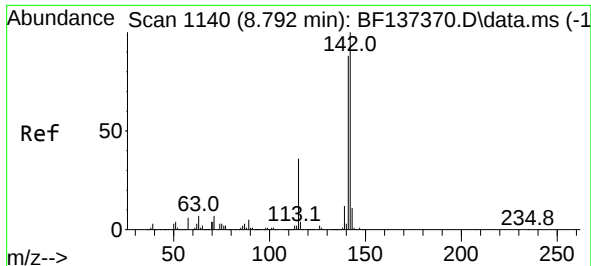
Tgt Ion:113 Resp: 24051
 Ion Ratio Lower Upper
 113 100
 55 208.6 176.3 216.3
 56 140.3 127.6 167.6



#36
 4-Chloro-3-methylphenol
 Concen: 36.574 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.017 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

Tgt Ion:107 Resp: 518457
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.9 28.3
 142 72.6 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.934 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

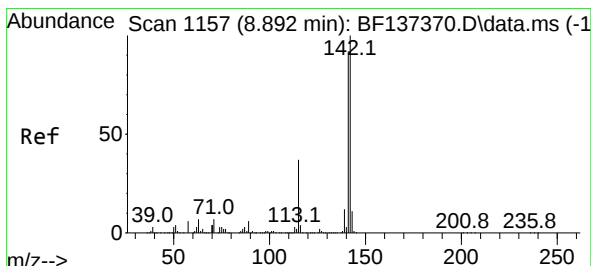
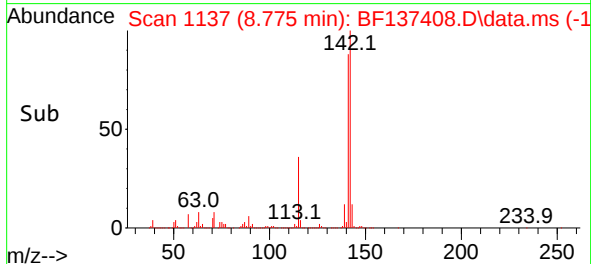
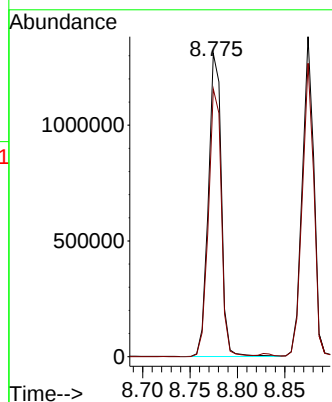
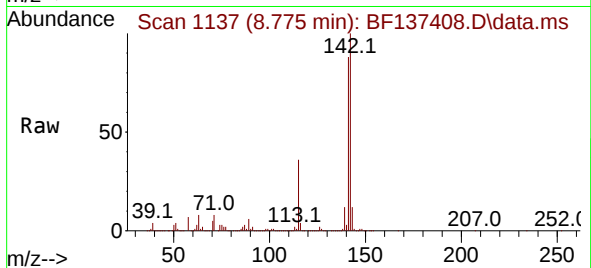
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:142 Resp: 1239627

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5



#38

1-Methylnaphthalene

Concen: 41.065 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137408.D

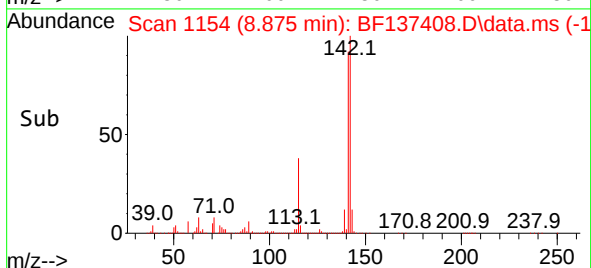
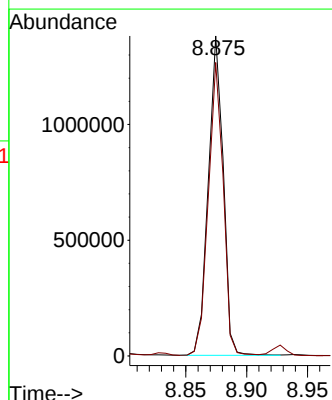
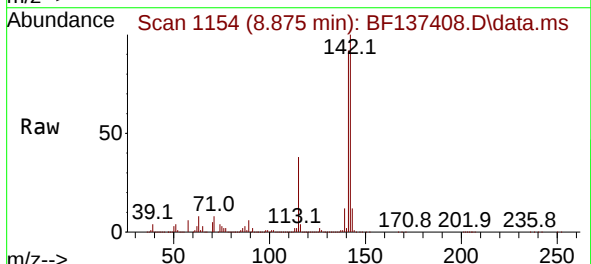
Acq: 27 Feb 2024 16:45

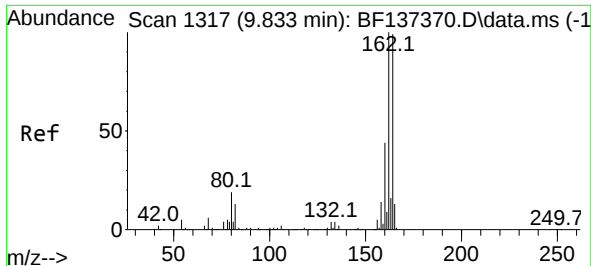
Tgt Ion:142 Resp: 1175787

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8

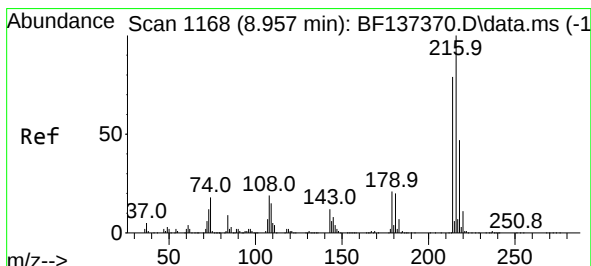
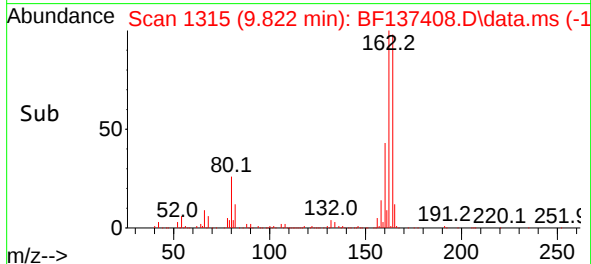
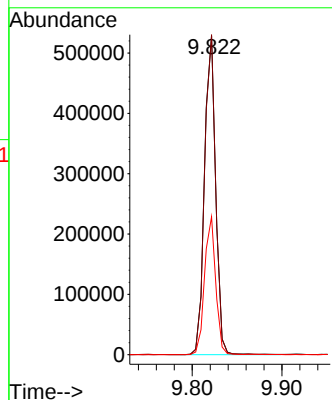
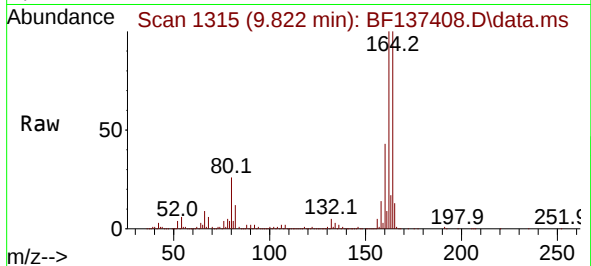




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

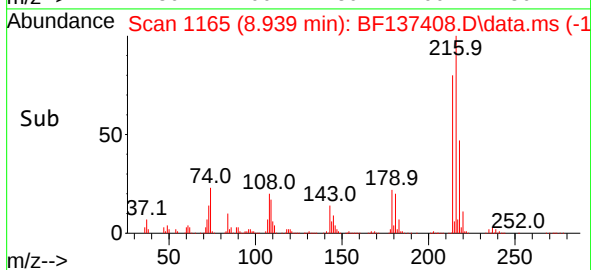
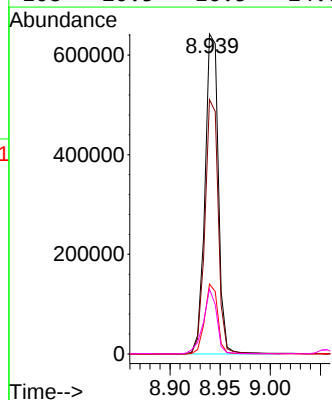
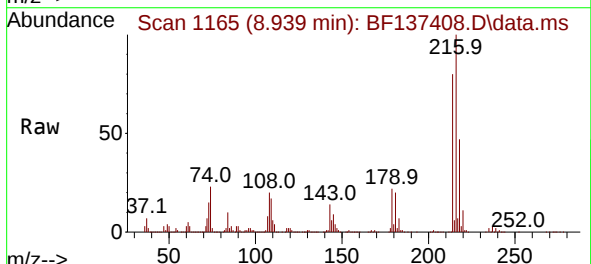
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

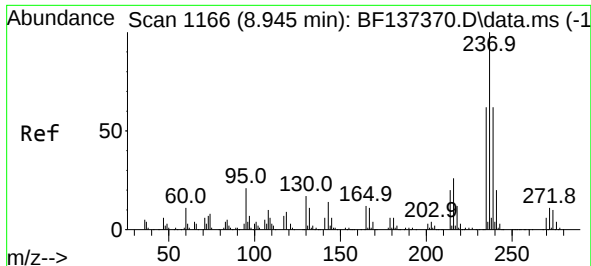
Tgt Ion:164 Resp: 456871
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 43.3 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.684 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

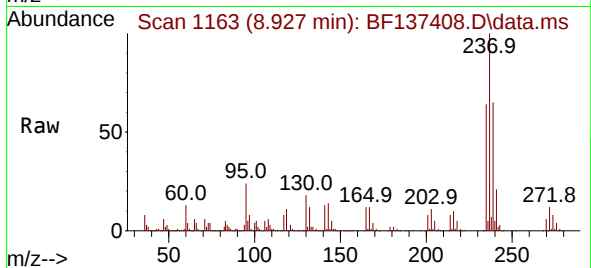
Tgt Ion:216 Resp: 600031
Ion Ratio Lower Upper
216 100
214 79.6 62.3 93.5
179 21.3 16.5 24.7
108 20.5 16.5 24.7



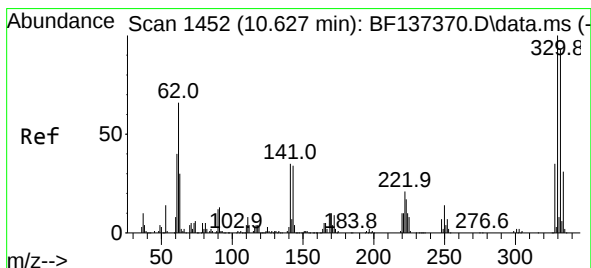
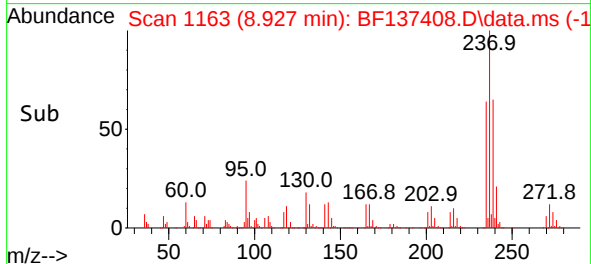
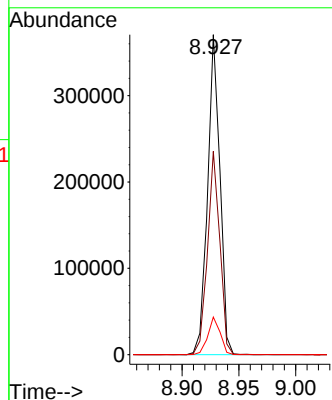


#41
Hexachlorocyclopentadiene
Concen: 48.763 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

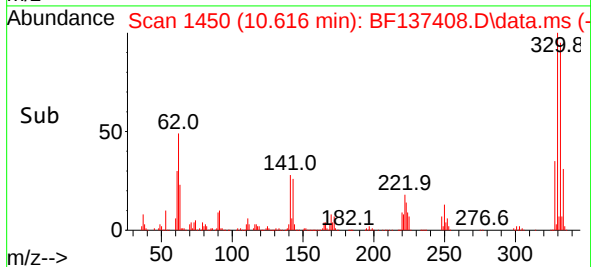
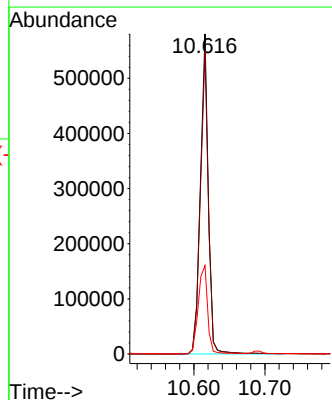
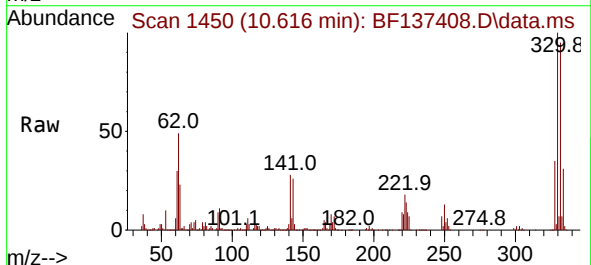


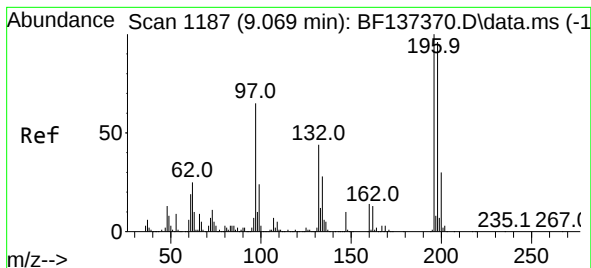
Tgt Ion:237 Resp: 278203
Ion Ratio Lower Upper
237 100
235 63.5 42.0 82.0
272 11.8 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 114.152 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:330 Resp: 454150
Ion Ratio Lower Upper
330 100
332 95.2 75.6 113.4
141 32.4 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 46.585 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137408.D

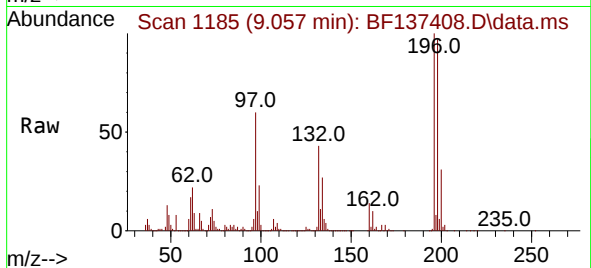
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



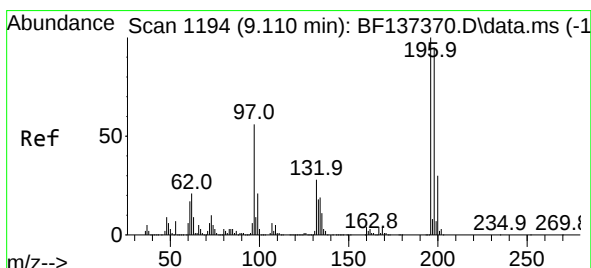
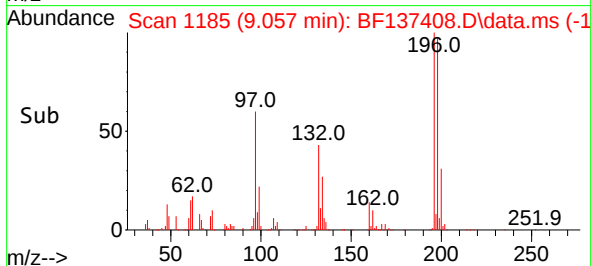
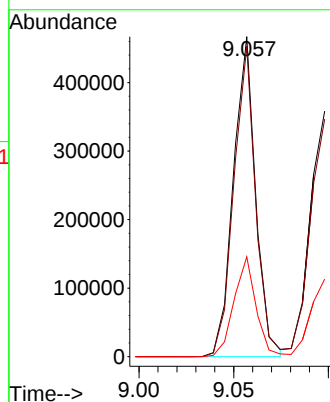
Tgt Ion:196 Resp: 380080

Ion Ratio Lower Upper

196 100

198 97.0 77.0 115.4

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.969 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Tgt Ion:196 Resp: 392840

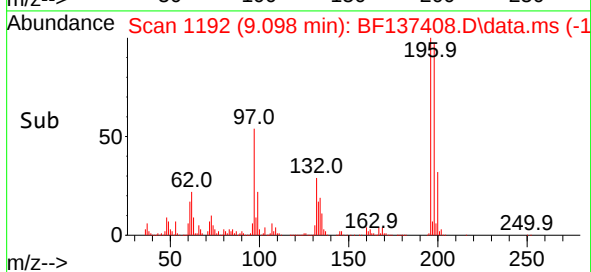
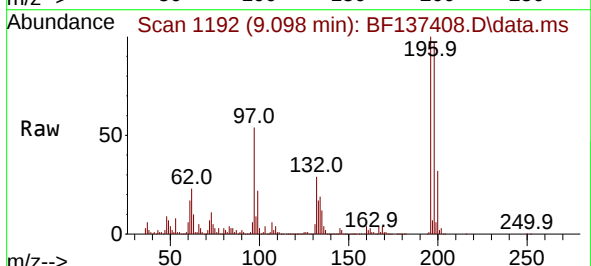
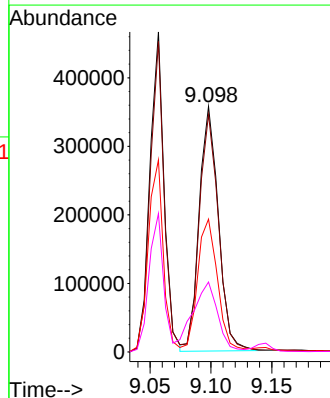
Ion Ratio Lower Upper

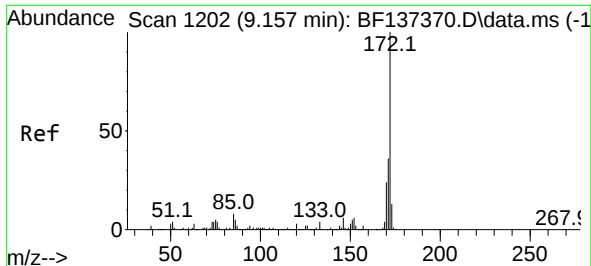
196 100

198 96.8 75.6 113.4

97 54.1 44.6 66.8

132 28.5 22.4 33.6

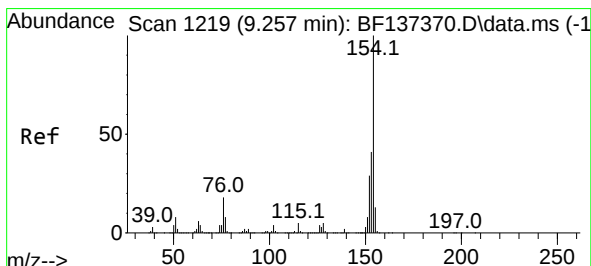
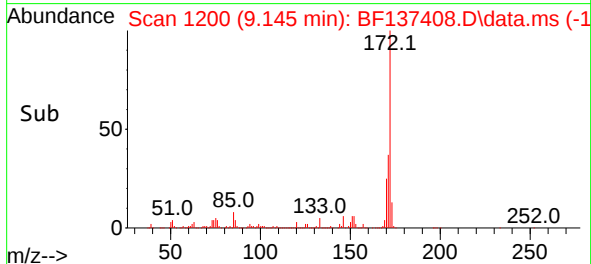
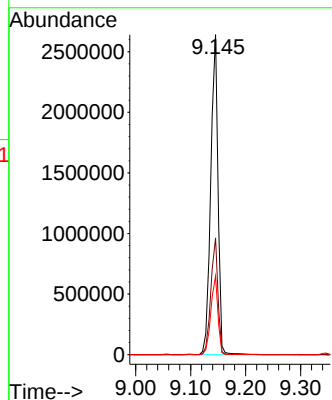
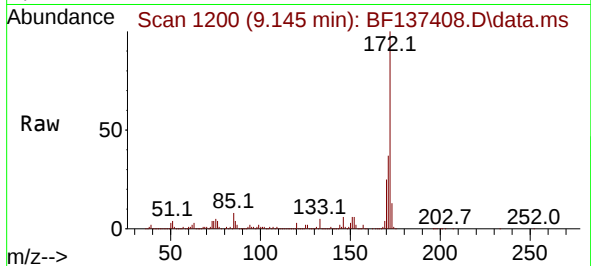




#45
2-Fluorobiphenyl
Concen: 82.145 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

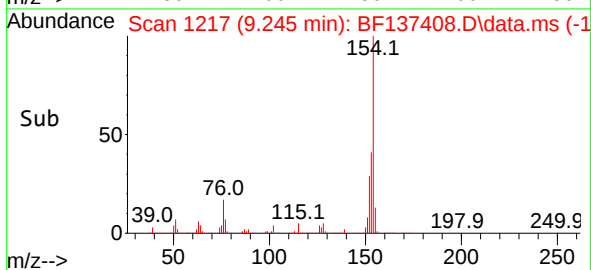
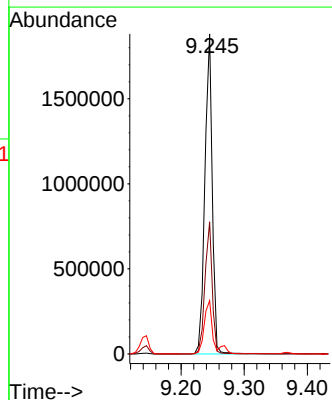
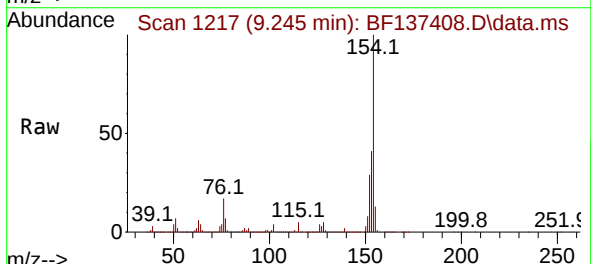
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

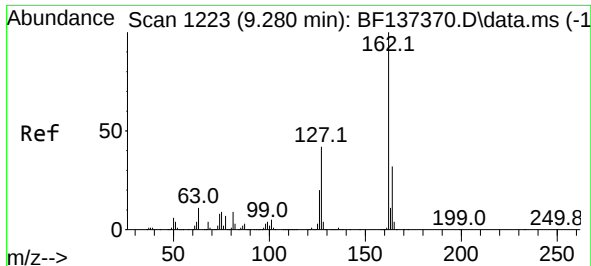
Tgt Ion:172 Resp: 2410624
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 46.039 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:154 Resp: 1531957
Ion Ratio Lower Upper
154 100
153 41.3 21.2 61.2
76 16.6 0.0 37.9





#47

2-Chloronaphthalene

Concen: 47.412 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

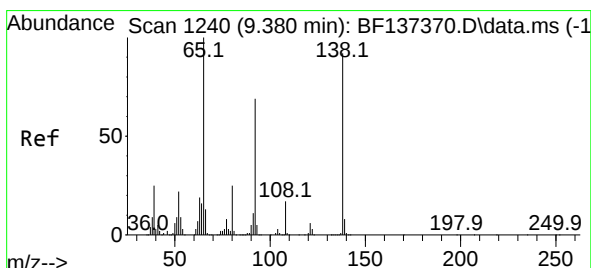
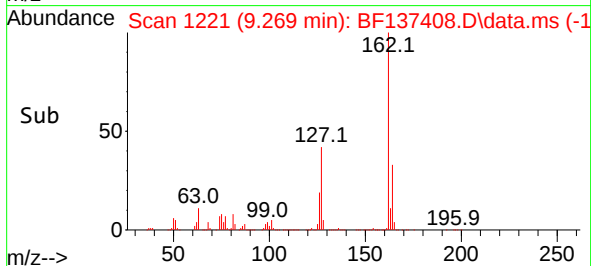
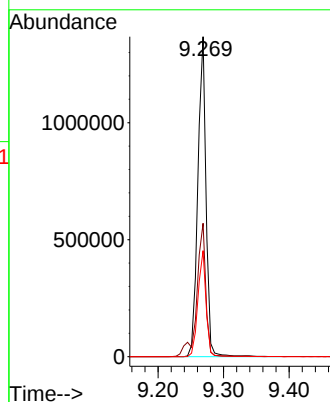
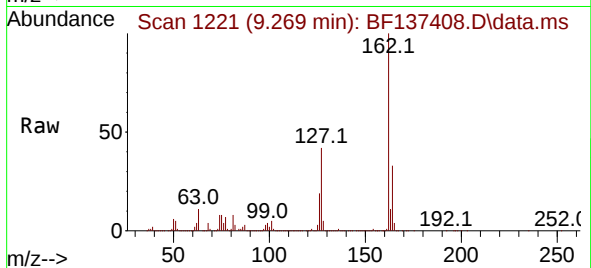
Tgt Ion:162 Resp: 1191440

Ion Ratio Lower Upper

162 100

127 41.7 33.6 50.4

164 33.2 25.9 38.9



#48

2-Nitroaniline

Concen: 49.453 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

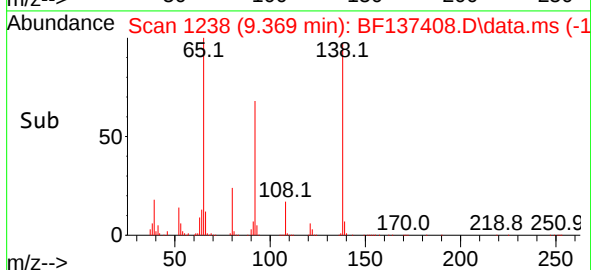
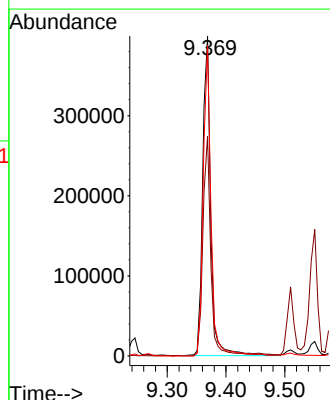
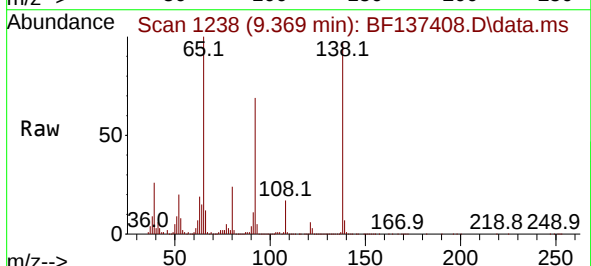
Tgt Ion: 65 Resp: 378518

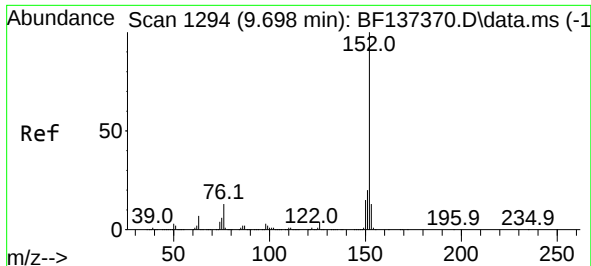
Ion Ratio Lower Upper

65 100

92 68.7 55.0 82.6

138 97.0 73.7 110.5





#49

Acenaphthylene

Concen: 45.704 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

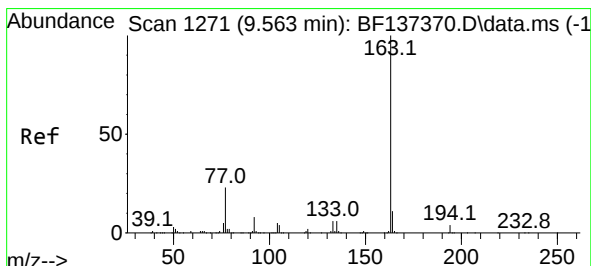
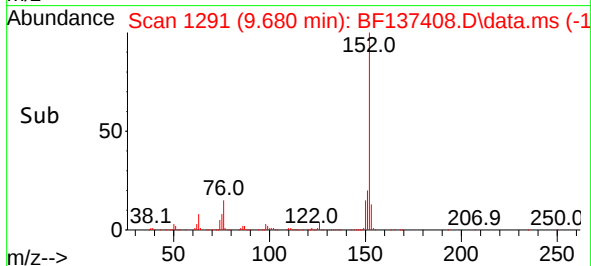
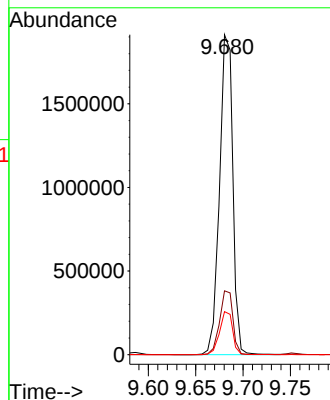
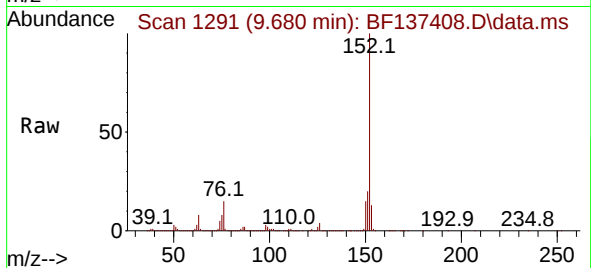
Tgt Ion:152 Resp: 1866022

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.670 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

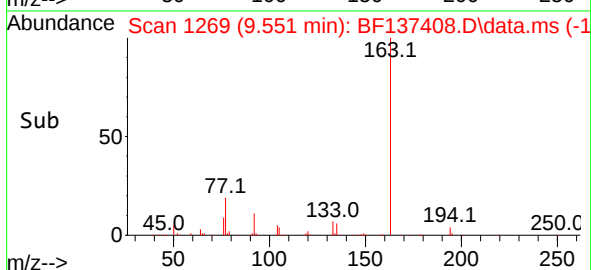
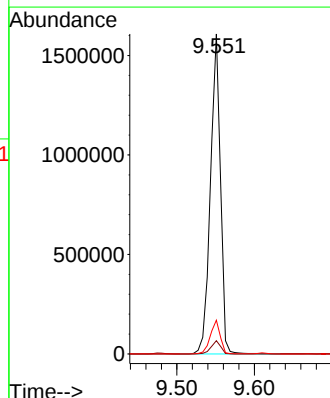
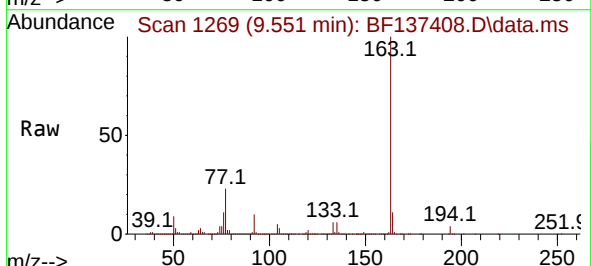
Tgt Ion:163 Resp: 1441766

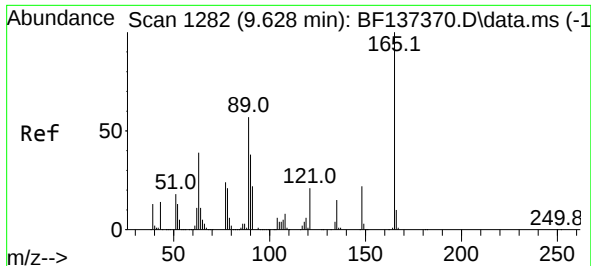
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.5 8.5 12.7

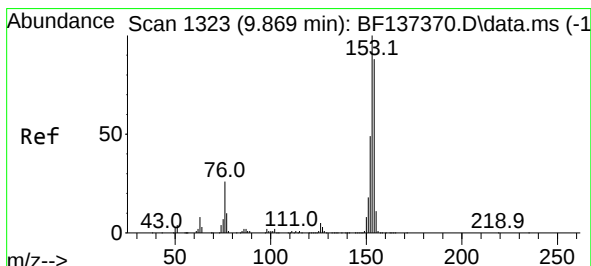
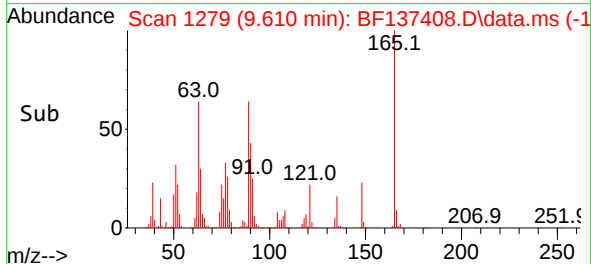
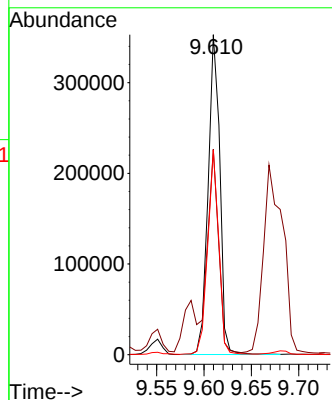
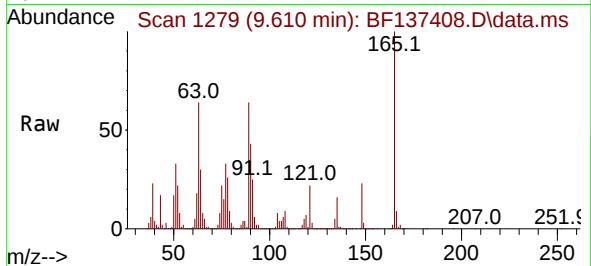




#51
2,6-Dinitrotoluene
Concen: 51.531 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

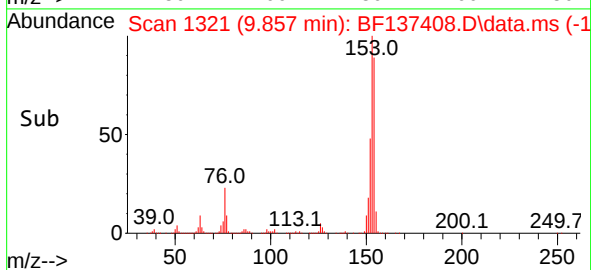
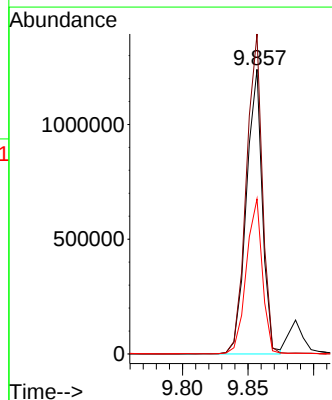
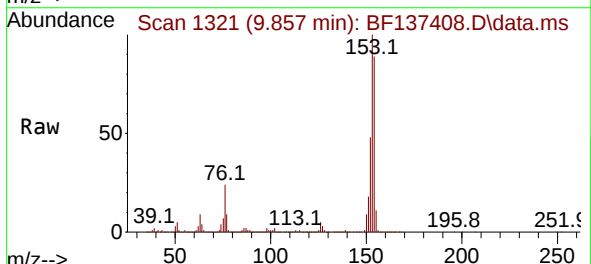
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

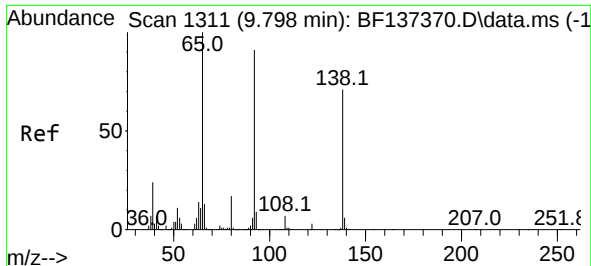
Tgt Ion:165 Resp: 302646
Ion Ratio Lower Upper
165 100
63 64.3 41.6 62.4#
89 64.0 45.8 68.6



#52
Acenaphthene
Concen: 43.291 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:154 Resp: 1055079
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 54.5 44.1 66.1

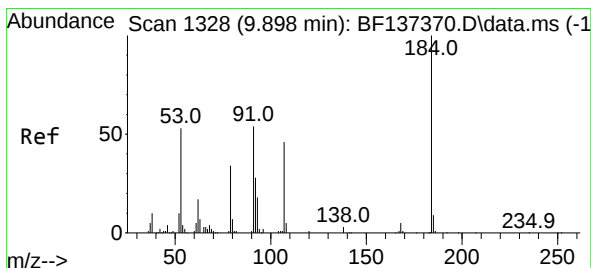
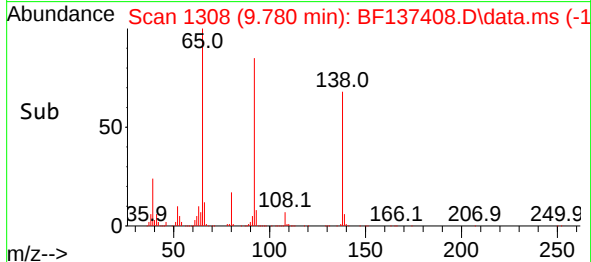
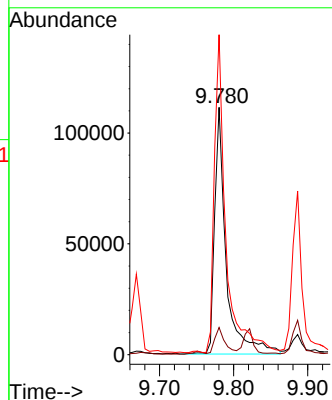
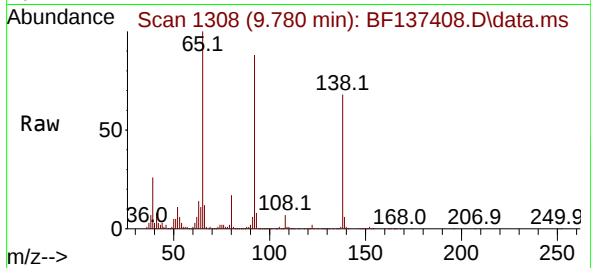




#53
3-Nitroaniline
Concen: 19.470 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

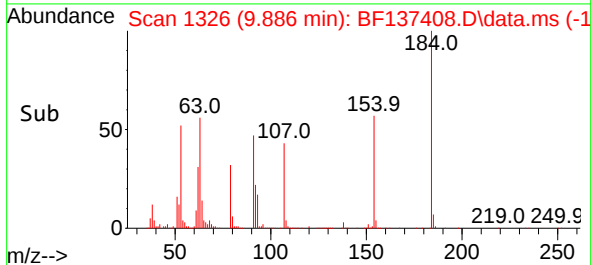
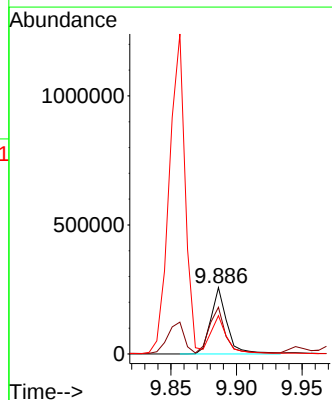
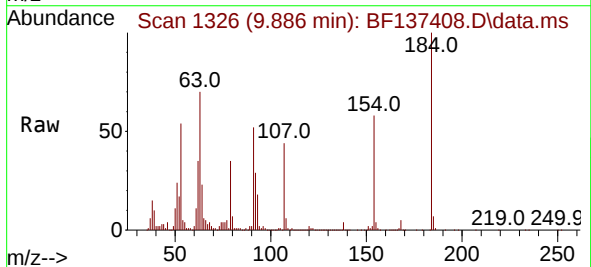
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

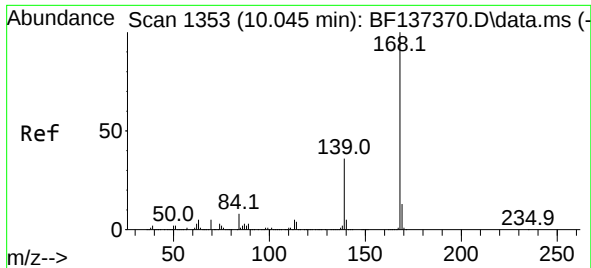
Tgt Ion:138 Resp: 120762
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.2
92 129.4 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 76.602 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:184 Resp: 221302
Ion Ratio Lower Upper
184 100
63 70.4 55.9 83.9
154 57.5 47.6 71.4

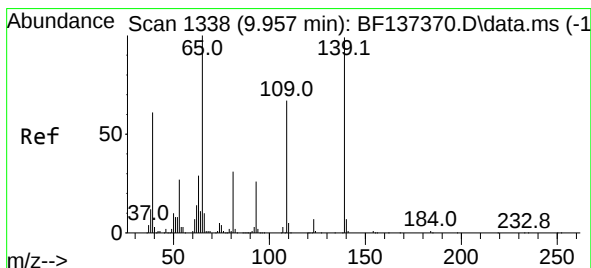
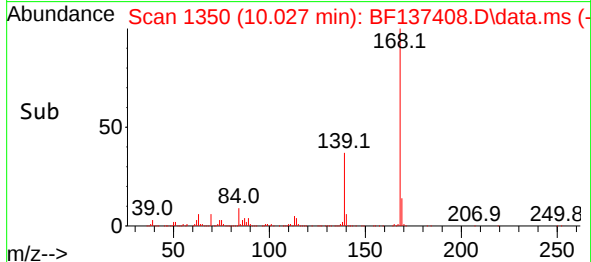
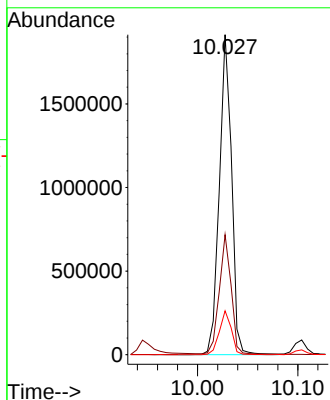
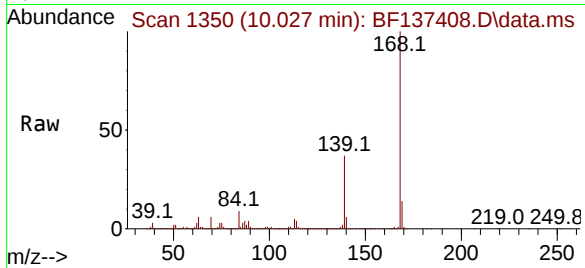




#55
Dibenzenofuran
Concen: 42.809 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

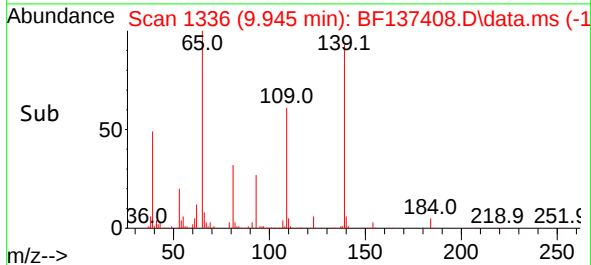
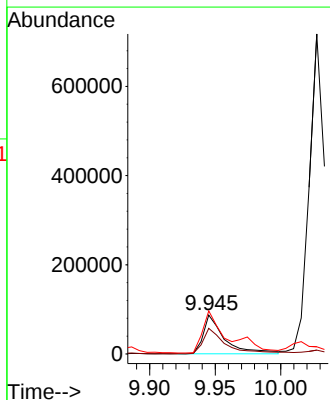
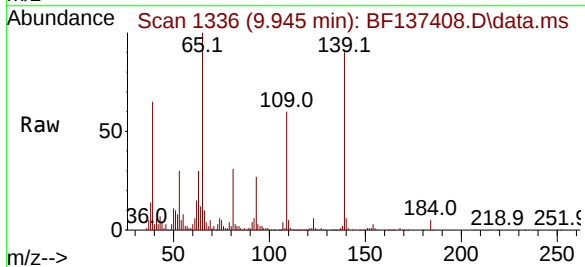
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

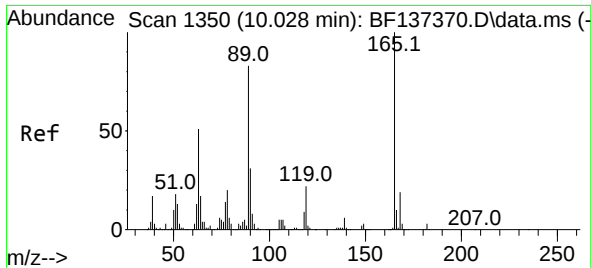
Tgt Ion:168 Resp: 1612523
Ion Ratio Lower Upper
168 100
139 37.5 28.9 43.3
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 23.484 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:139 Resp: 98725
Ion Ratio Lower Upper
139 100
109 66.0 48.0 88.0
65 110.7 82.2 122.2

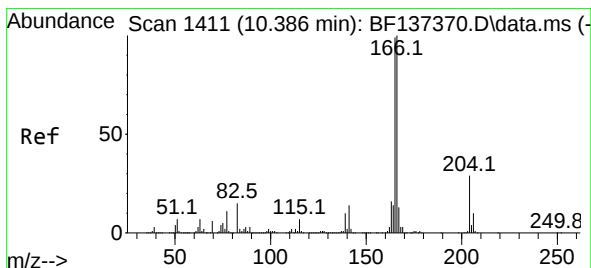
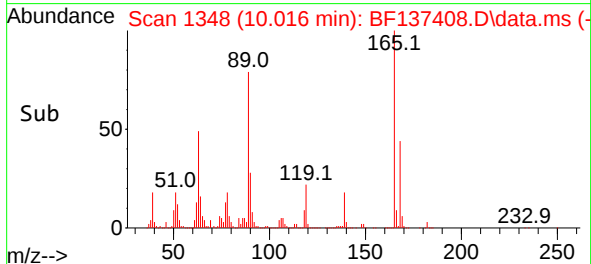
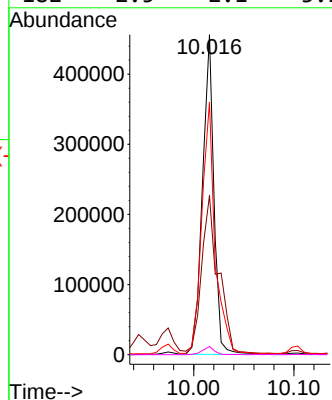
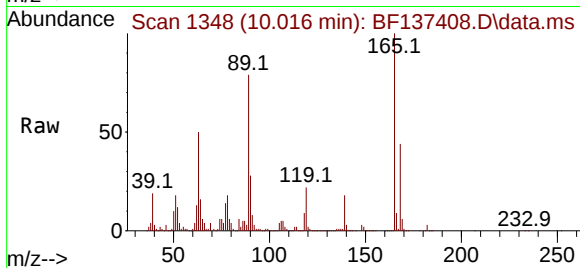




#57
2,4-Dinitrotoluene
Concen: 48.771 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

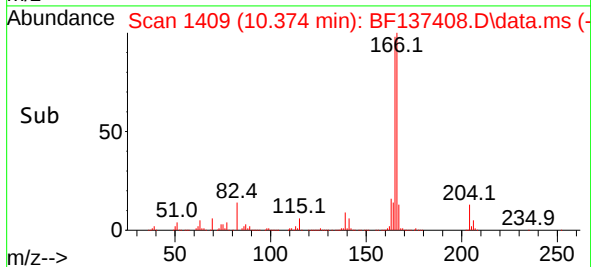
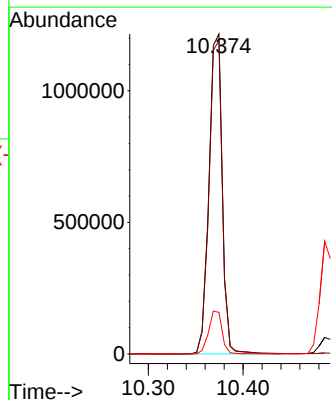
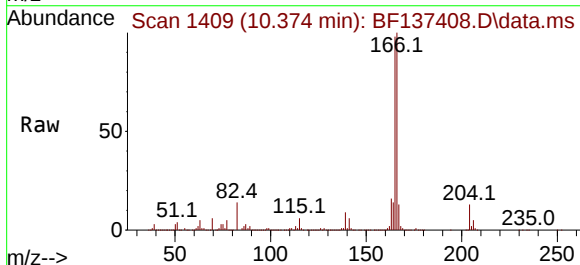
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

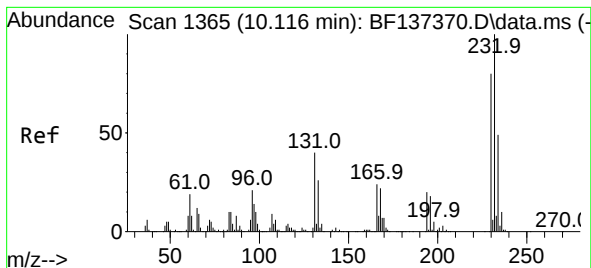
Tgt Ion:165 Resp: 362267
Ion Ratio Lower Upper
165 100
63 49.7 41.1 61.7
89 79.0 66.6 100.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 40.933 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:166 Resp: 1177497
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.0 10.5 15.7

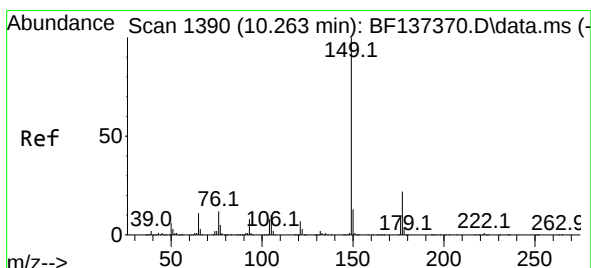
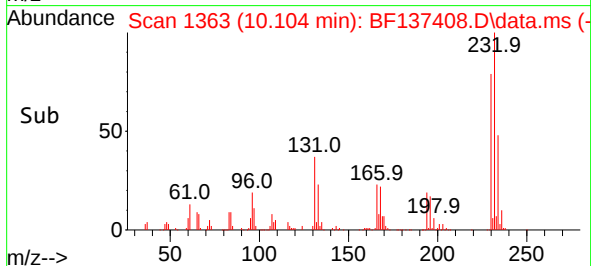
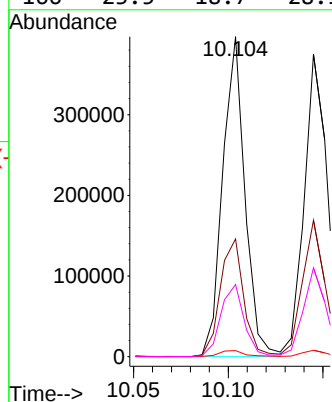
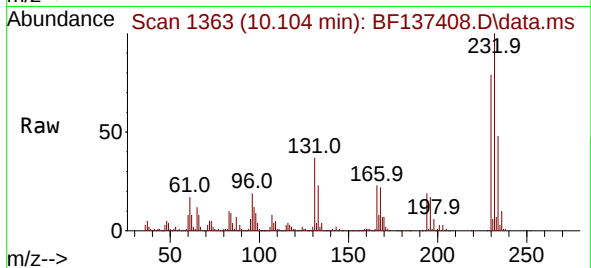




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.885 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

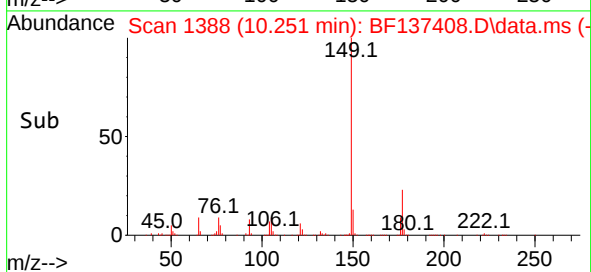
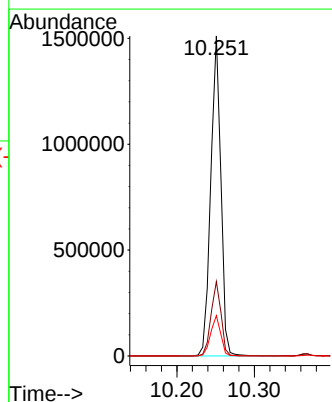
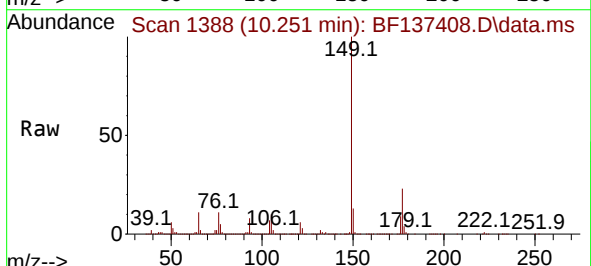
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

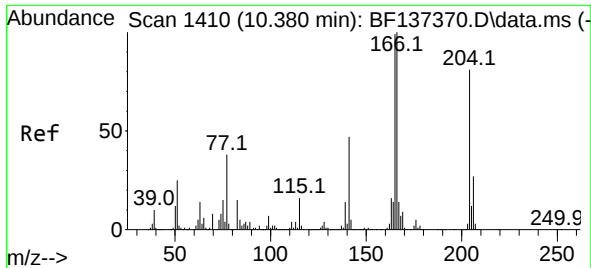
Tgt Ion:	232	Resp:	324658
Ion Ratio	Lower	Upper	
232	100		
131	39.2	31.1	46.7
130	2.3	1.8	2.6
166	23.5	18.7	28.1



#60
Diethylphthalate
Concen: 46.440 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:	149	Resp:	1368807
Ion Ratio	Lower	Upper	
149	100		
177	23.3	18.0	27.0
150	12.6	10.2	15.2

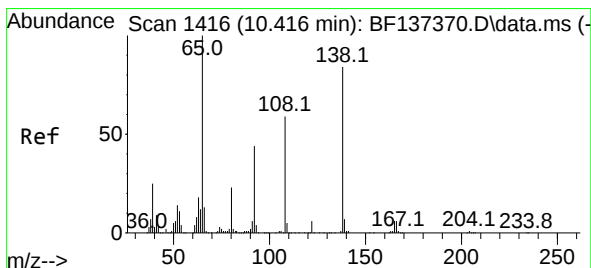
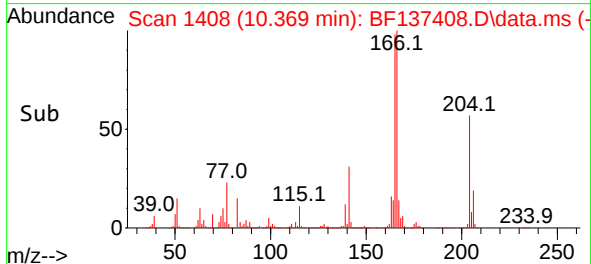
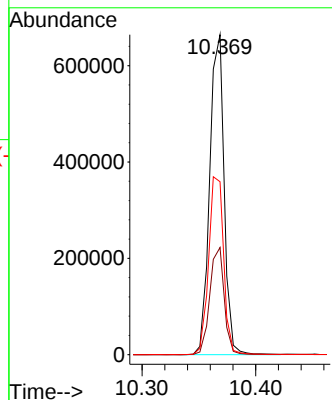
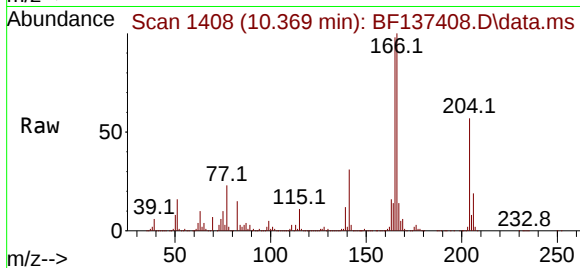




#61
4-Chlorophenyl-phenylether
Concen: 41.333 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

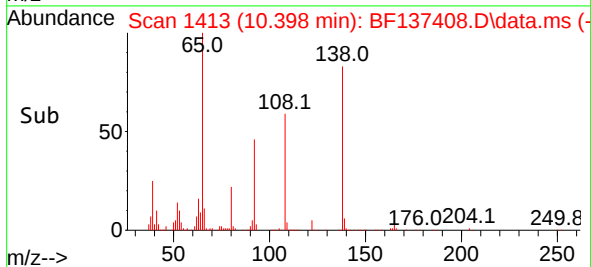
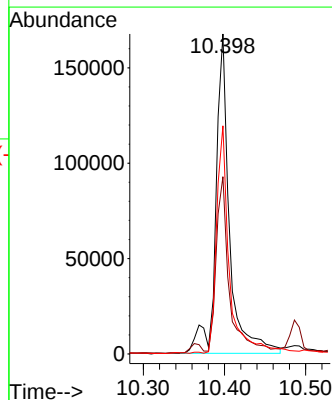
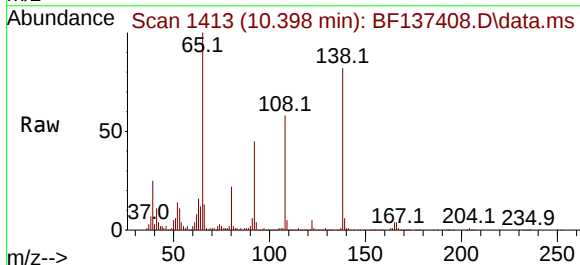
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

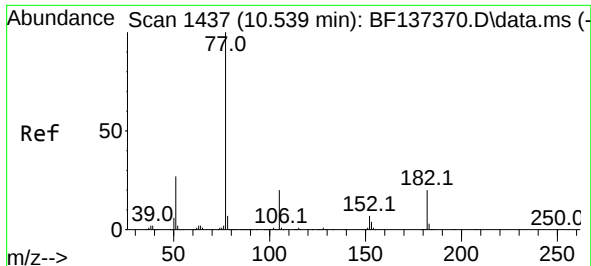
Tgt Ion:204 Resp: 584891
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 54.1 46.4 69.6



#62
4-Nitroaniline
Concen: 32.331 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:138 Resp: 196149
Ion Ratio Lower Upper
138 100
92 55.4 33.4 73.4
108 71.3 50.4 90.4

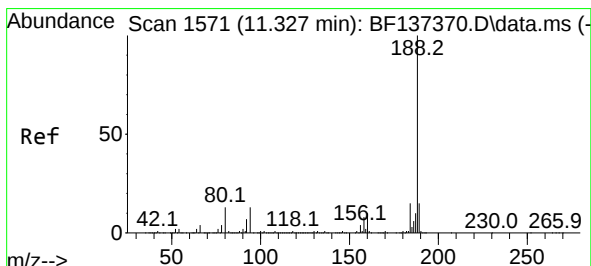
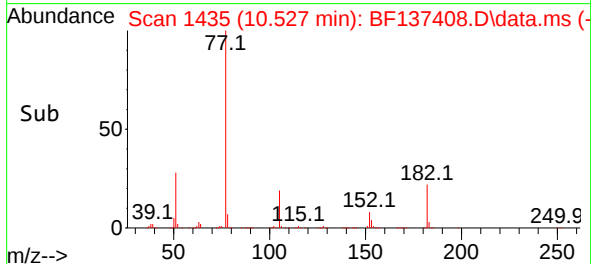
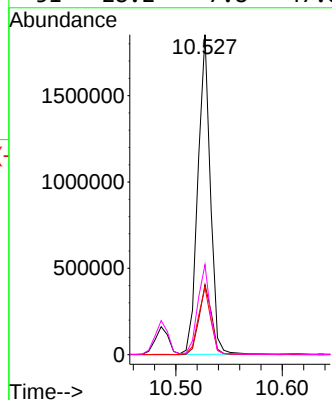
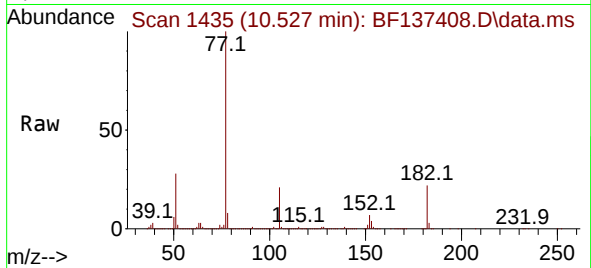




#63
Azobenzene
Concen: 42.615 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

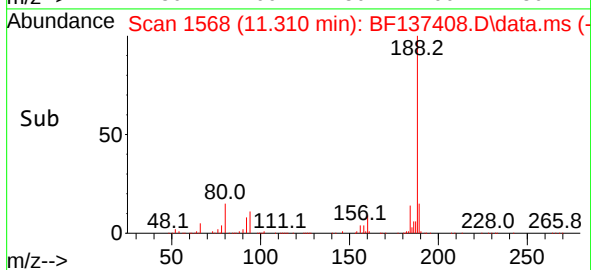
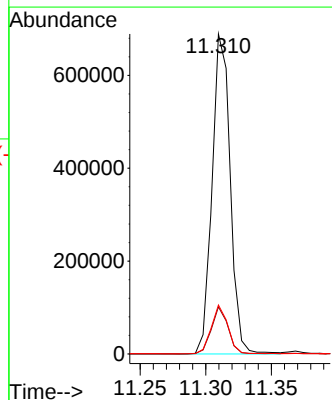
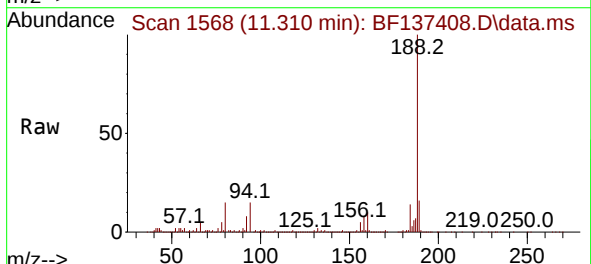
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

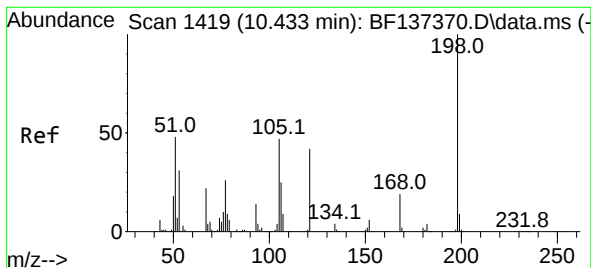
Tgt Ion: 77 Resp: 1502809
Ion Ratio Lower Upper
77 100
182 21.9 0.0 39.6
105 21.0 0.4 40.4
51 28.2 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 188 Resp: 662087
Ion Ratio Lower Upper
188 100
94 14.7 10.2 15.2
80 15.3 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 48.555 ng
RT: 10.421 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

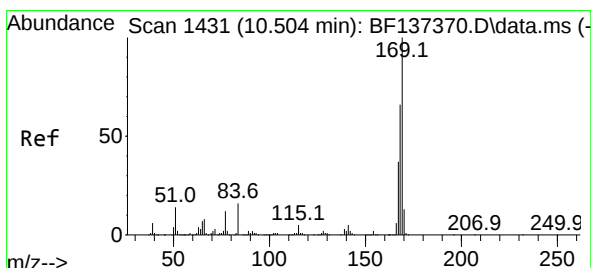
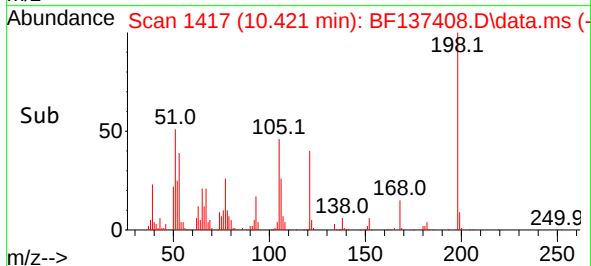
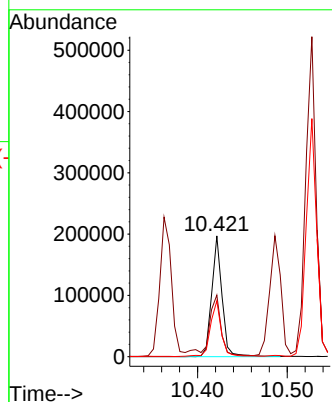
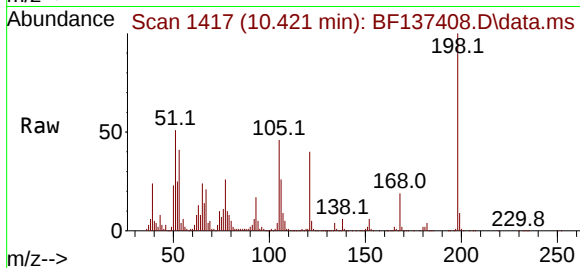
Instrument :

BNA_F

ClientSampleId :

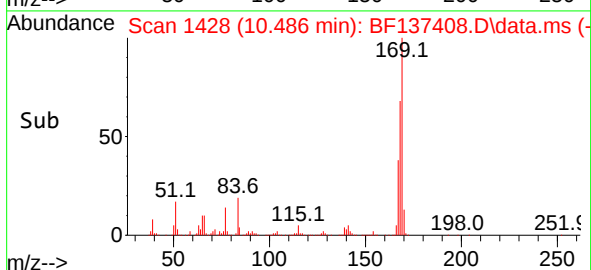
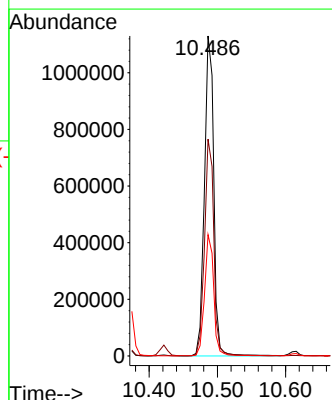
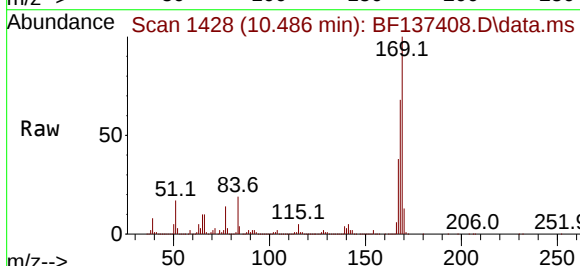
20240768-AMENDED-COMP-39N-N-3-03MS

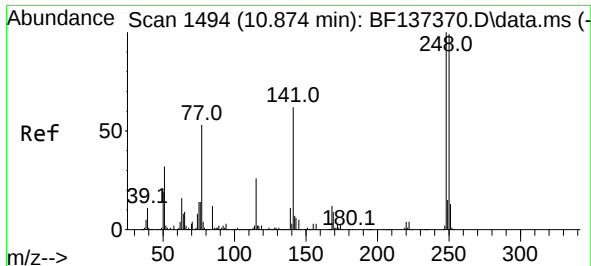
Tgt Ion:198 Resp: 157384
Ion Ratio Lower Upper
198 100
51 51.0 36.8 76.8
105 46.2 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 49.893 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:169 Resp: 1072821
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.4
167 37.9 29.2 43.8

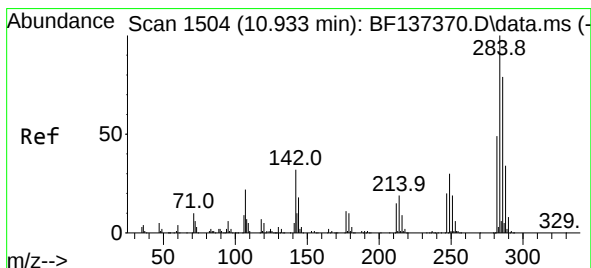
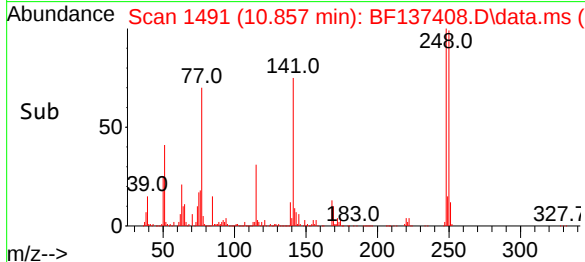
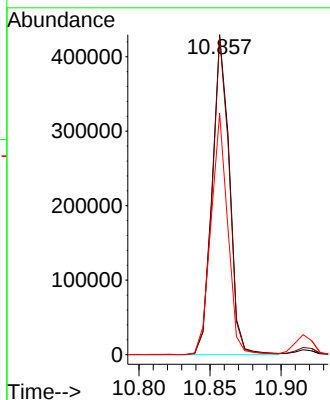
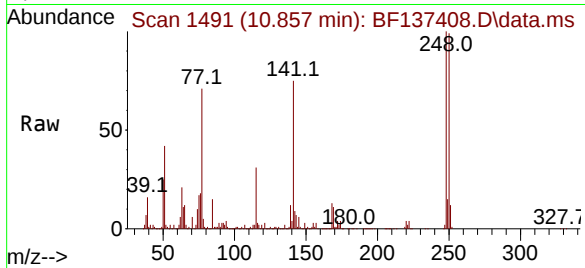




#67
4-Bromophenyl-phenylether
Concen: 51.071 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

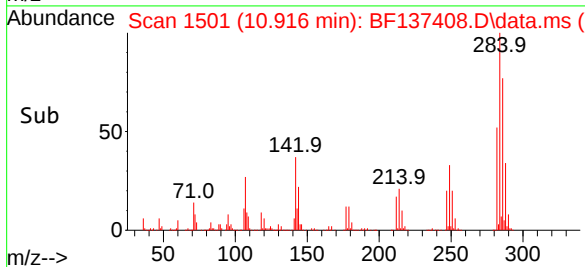
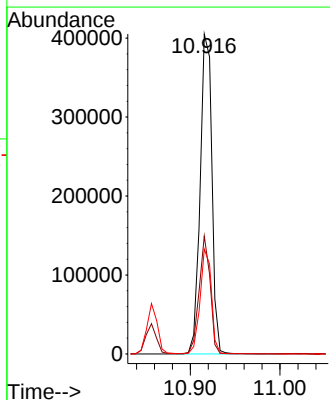
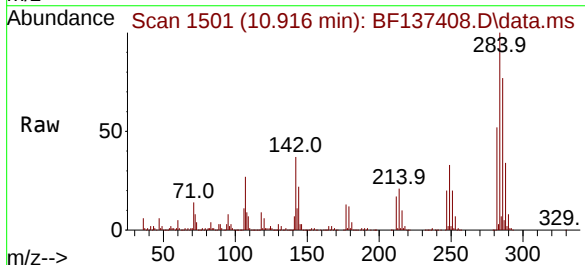
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

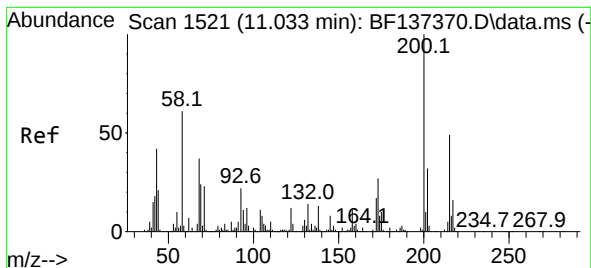
Tgt Ion:248 Resp: 363509
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.6
141 75.5 49.9 74.9#



#68
Hexachlorobenzene
Concen: 50.074 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:284 Resp: 368697
Ion Ratio Lower Upper
284 100
142 36.9 25.4 38.0
249 32.8 24.2 36.4





#69

Atrazine

Concen: 54.352 ng

RT: 11.021 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

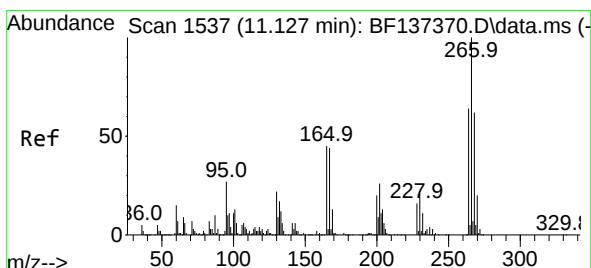
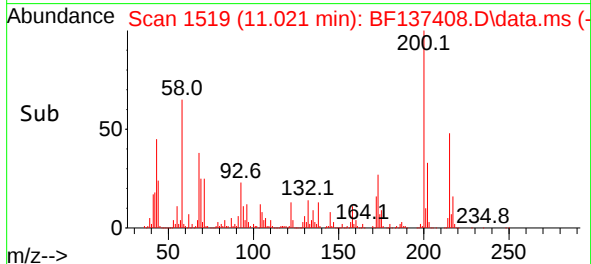
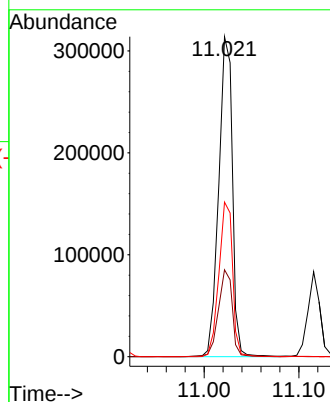
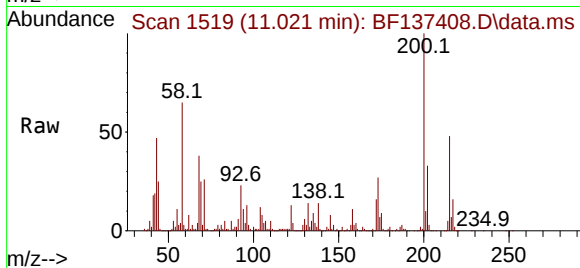
Tgt Ion:200 Resp: 315403

Ion Ratio Lower Upper

200 100

173 27.2 6.8 46.8

215 48.3 29.4 69.4



#70

Pentachlorophenol

Concen: 82.739 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

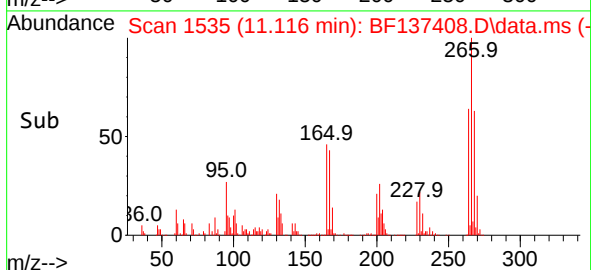
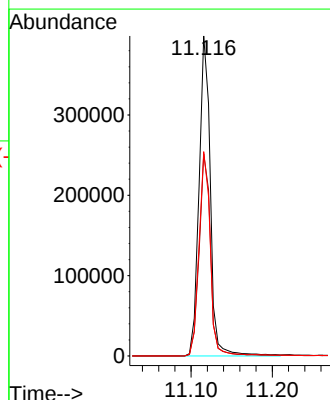
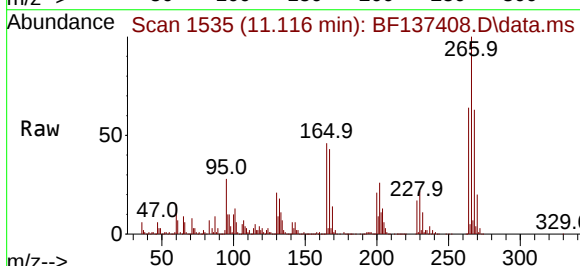
Tgt Ion:266 Resp: 385983

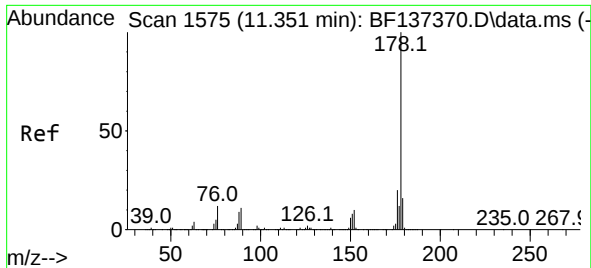
Ion Ratio Lower Upper

266 100

268 63.2 49.4 74.2

264 63.8 51.3 76.9

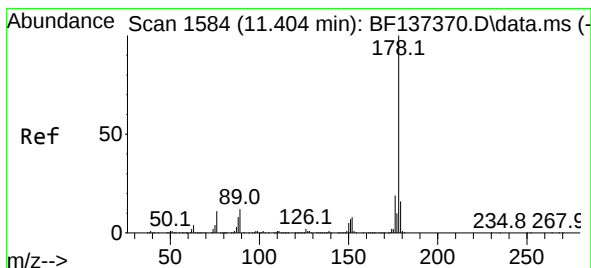
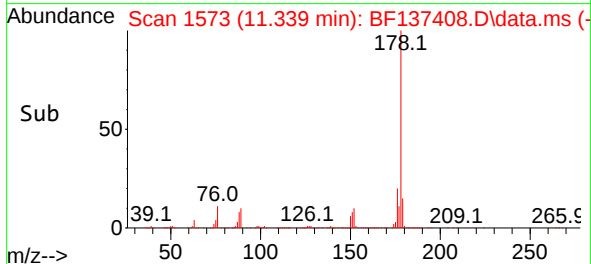
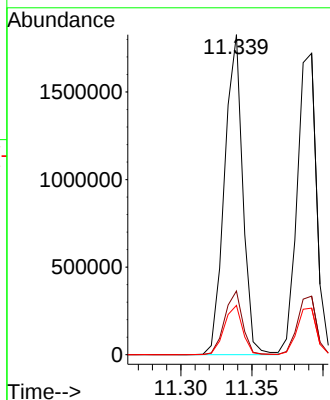
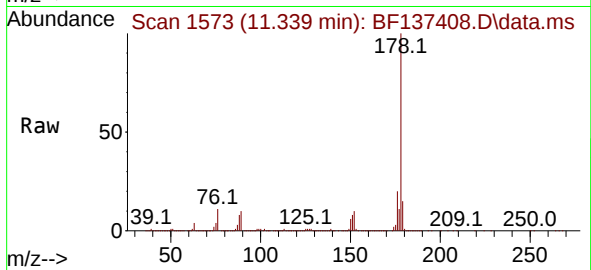




#71
Phenanthrene
Concen: 44.566 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

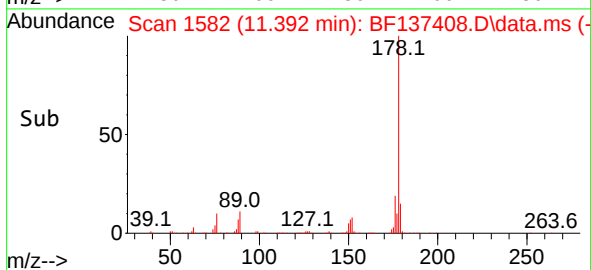
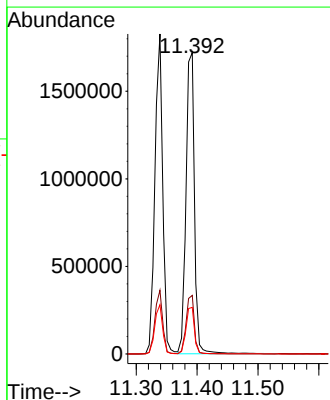
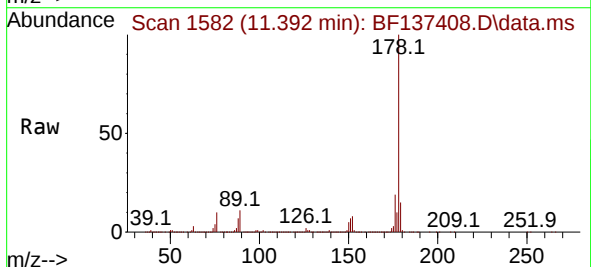
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

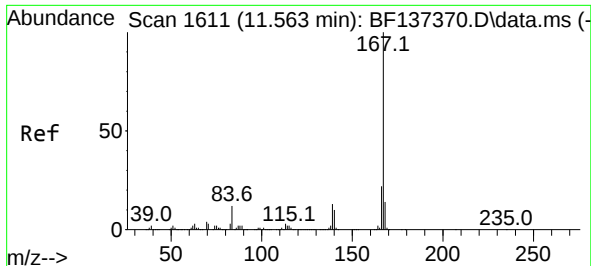
Tgt Ion:178 Resp: 1627923
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.4 12.7 19.1



#72
Anthracene
Concen: 44.032 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:178 Resp: 1657551
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.6 18.8

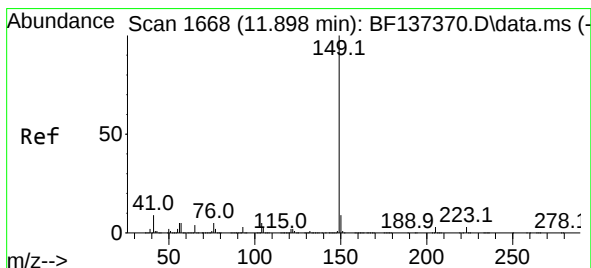
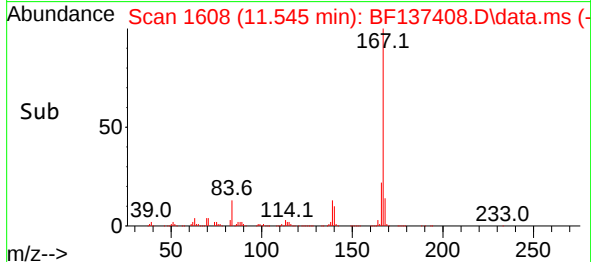
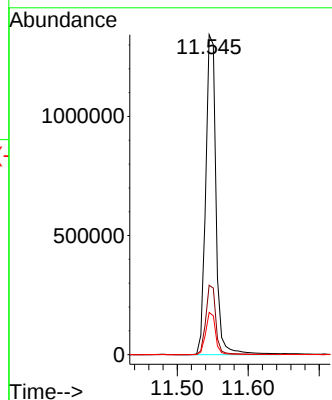
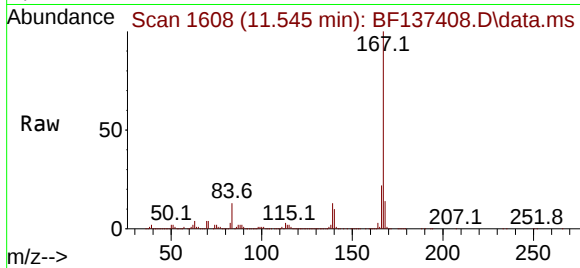




#73
Carbazole
Concen: 42.187 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

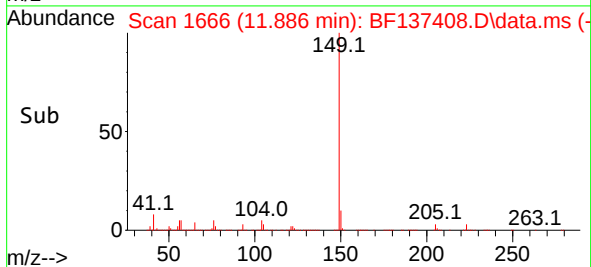
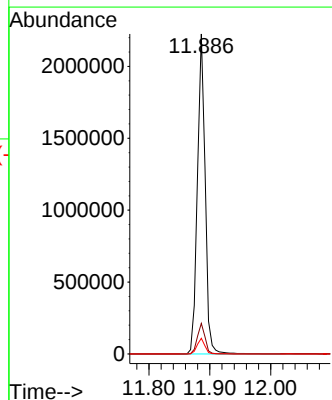
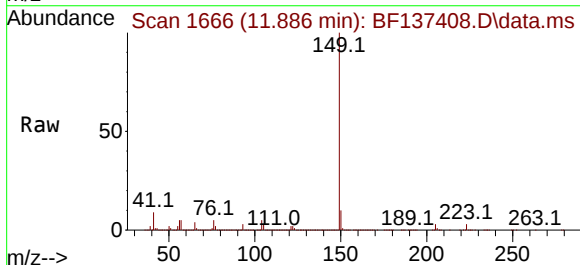
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

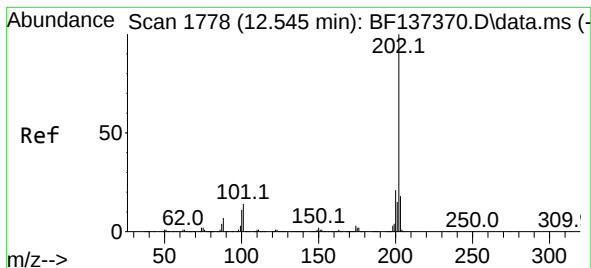
Tgt Ion:167 Resp: 1356874
Ion Ratio Lower Upper
167 100
166 21.7 17.8 26.6
139 13.2 10.0 15.0



#74
Di-n-butylphthalate
Concen: 61.228 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:149 Resp: 1970501
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 39.543 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

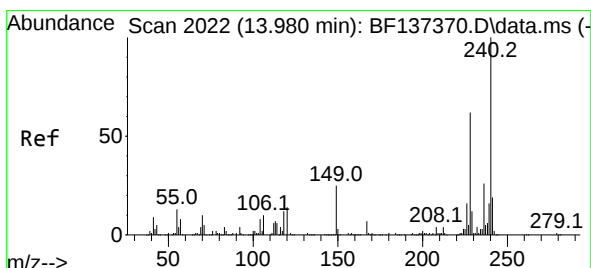
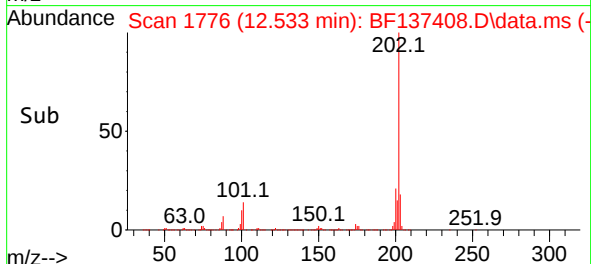
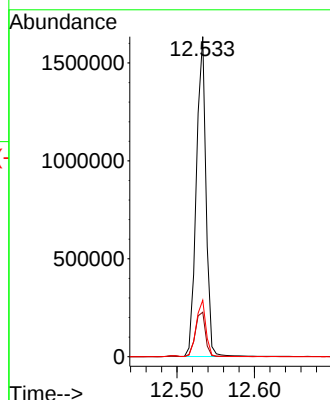
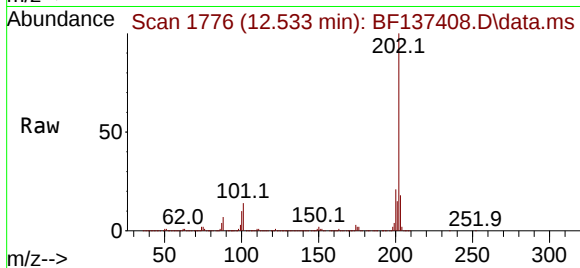
Tgt Ion:202 Resp: 1409964

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.9

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

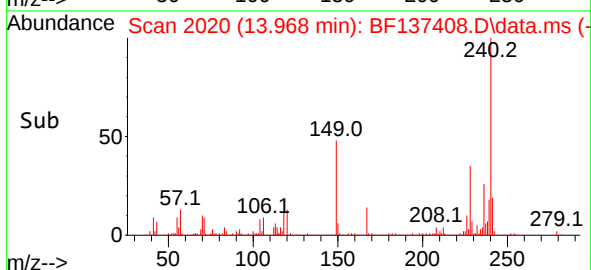
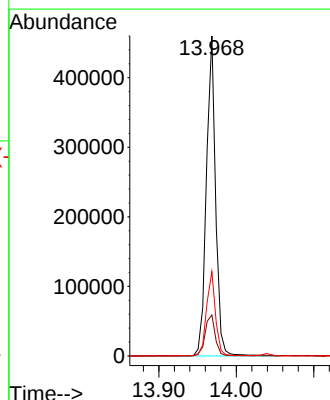
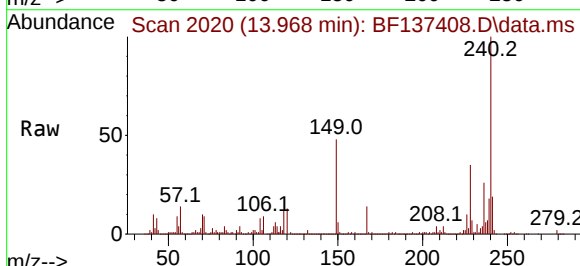
Tgt Ion:240 Resp: 381218

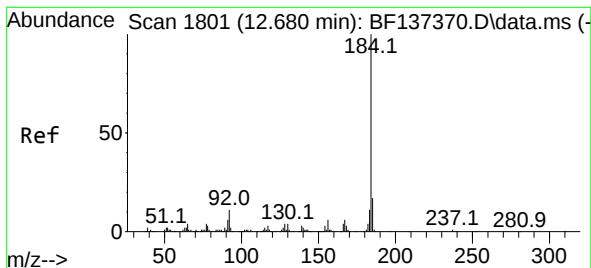
Ion Ratio Lower Upper

240 100

120 12.8 11.3 16.9

236 26.4 20.5 30.7





#77

Benzidine

Concen: 11.271 ng

RT: 12.668 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

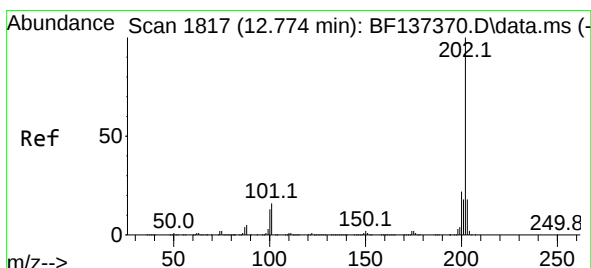
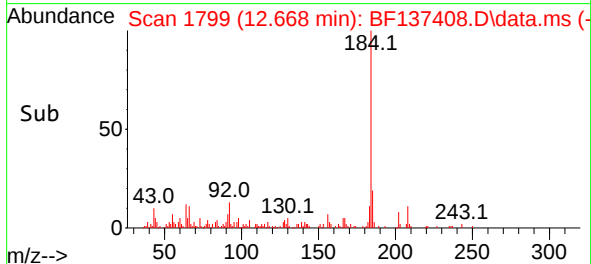
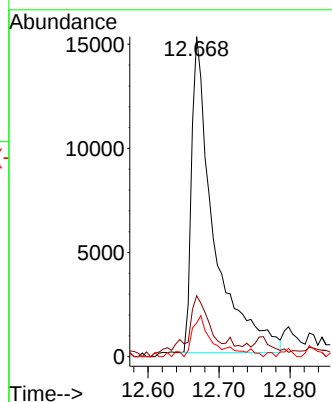
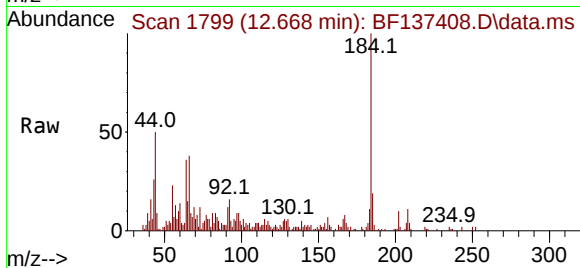
Tgt Ion:184 Resp: 32999

Ion Ratio Lower Upper

184 100

185 19.0 13.7 20.5

183 10.5 8.8 13.2



#78

Pyrene

Concen: 39.252 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

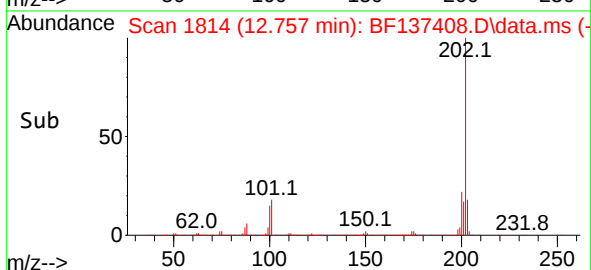
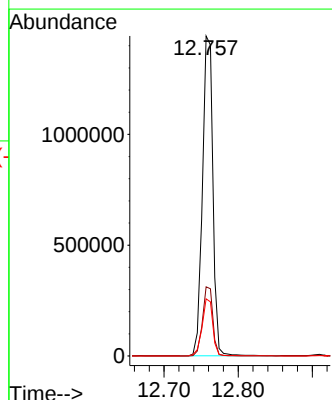
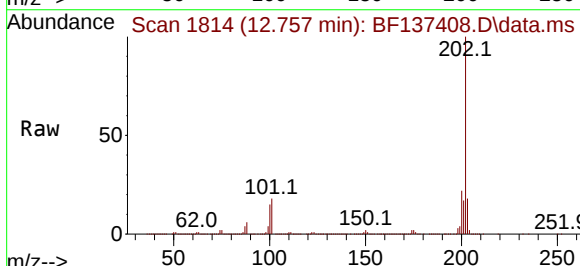
Tgt Ion:202 Resp: 1414931

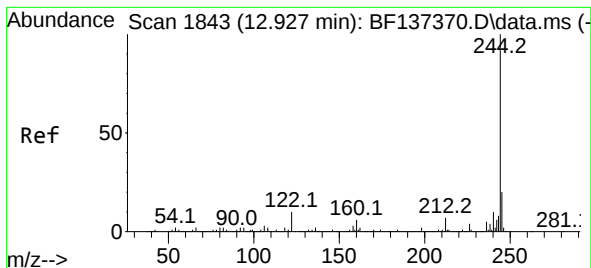
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 72.592 ng

RT: 12.910 min Scan# 1843

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

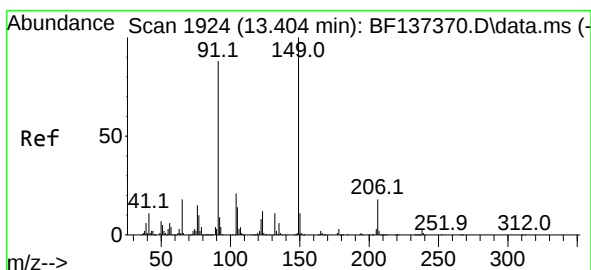
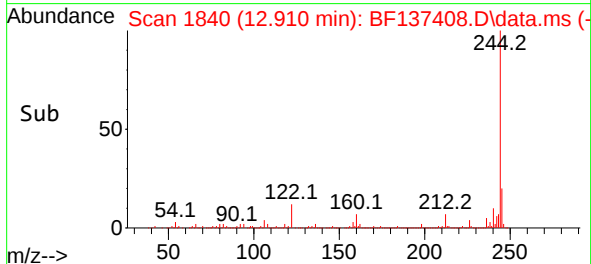
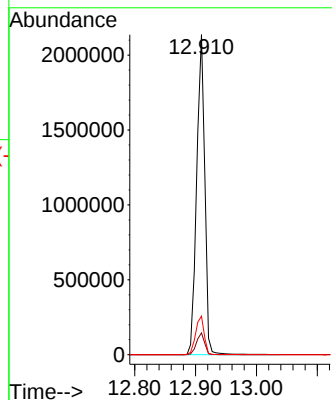
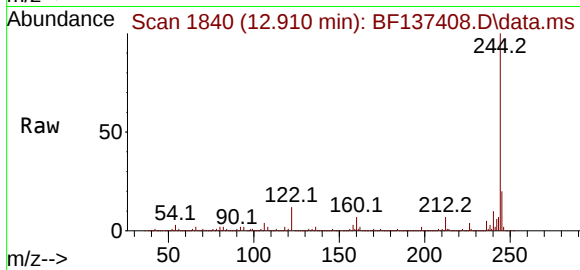
Tgt Ion:244 Resp: 1978542

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 12.1 8.2 12.4



#80

Butylbenzylphthalate

Concen: 71.508 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

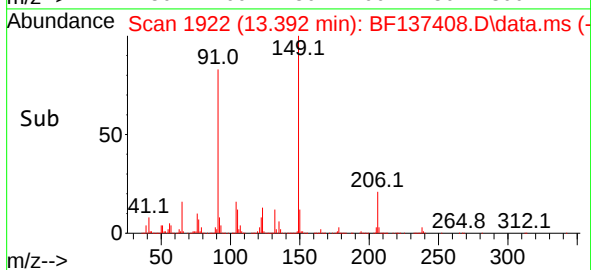
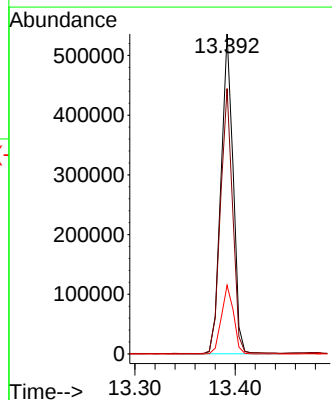
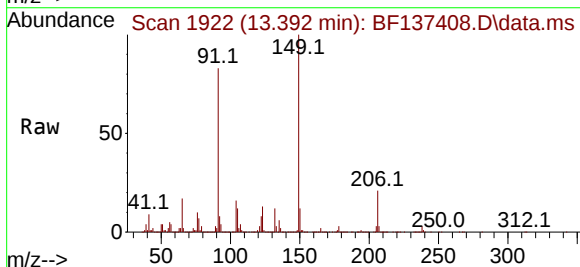
Tgt Ion:149 Resp: 449065

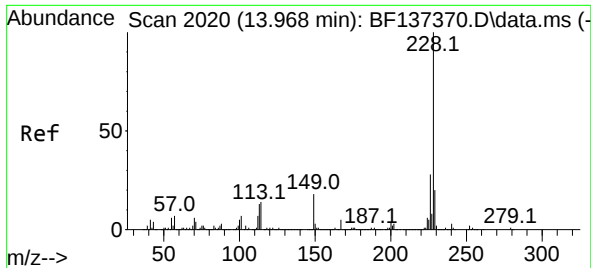
Ion Ratio Lower Upper

149 100

91 83.0 70.5 105.7

206 21.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 47.081 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

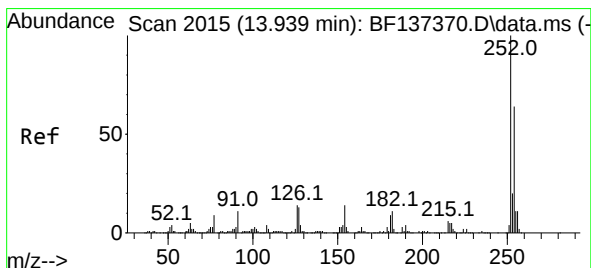
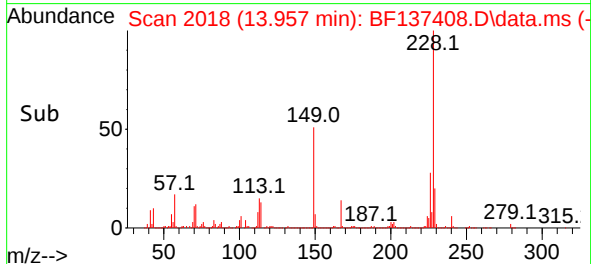
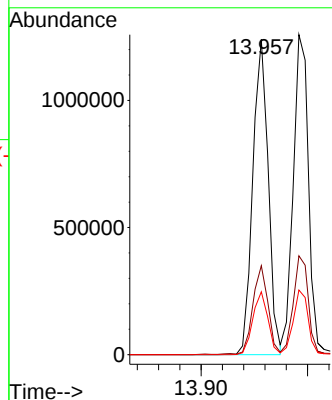
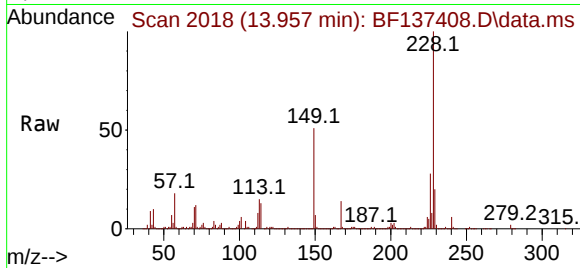
Tgt Ion:228 Resp: 1245460

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.336 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

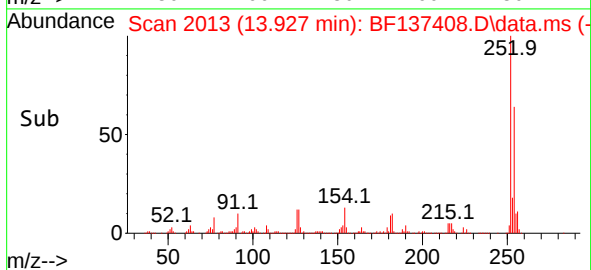
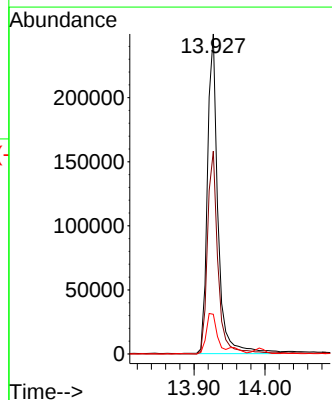
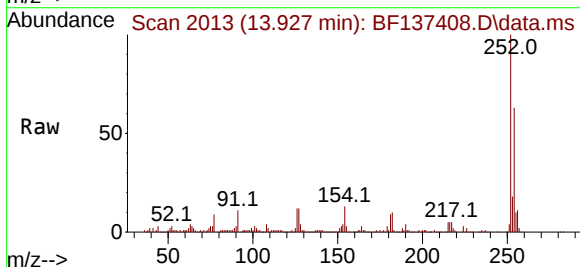
Tgt Ion:252 Resp: 257065

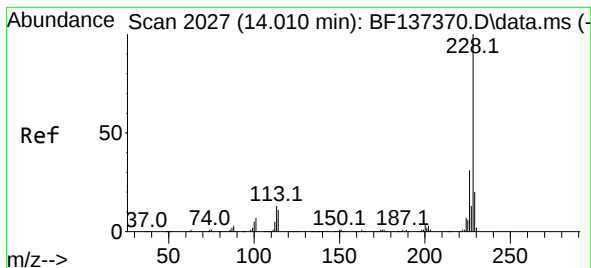
Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

126 12.4 11.1 16.7





#83

Chrysene

Concen: 46.957 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

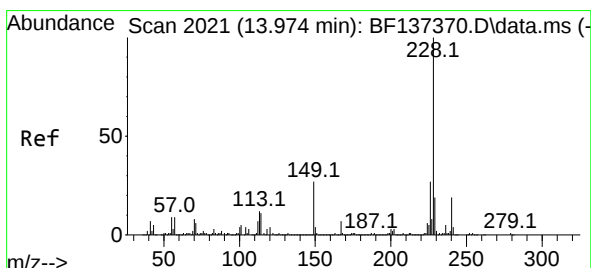
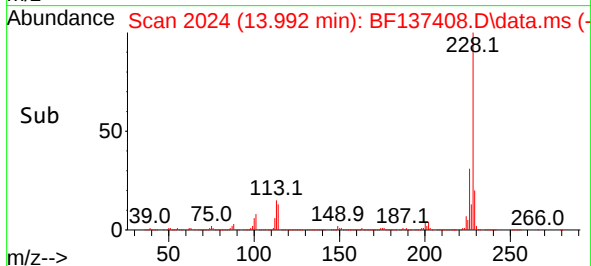
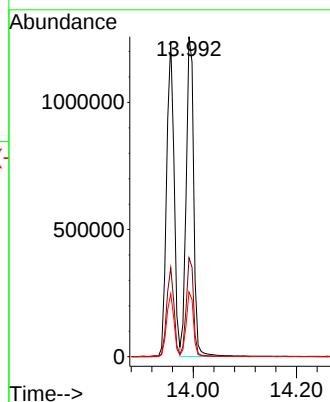
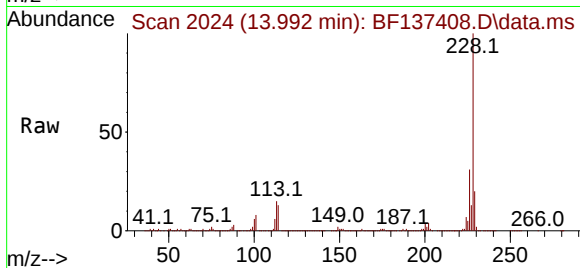
Tgt Ion:228 Resp: 1268918

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.104 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

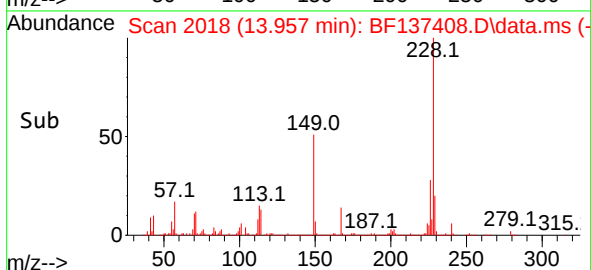
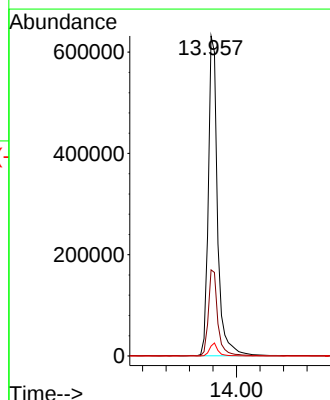
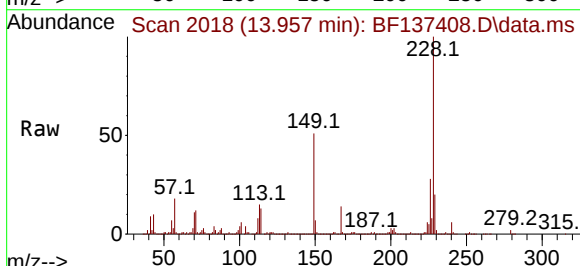
Tgt Ion:149 Resp: 685739

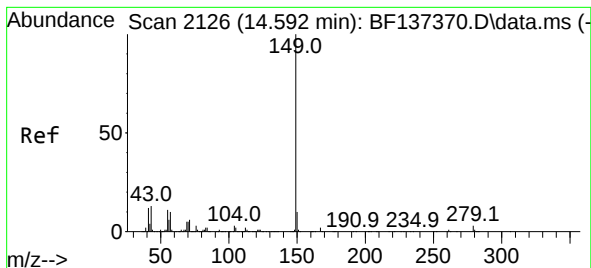
Ion Ratio Lower Upper

149 100

167 26.9 20.6 31.0

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 82.874 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

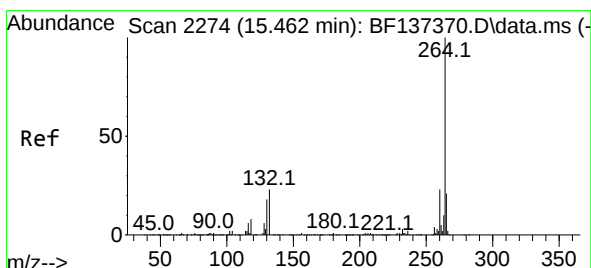
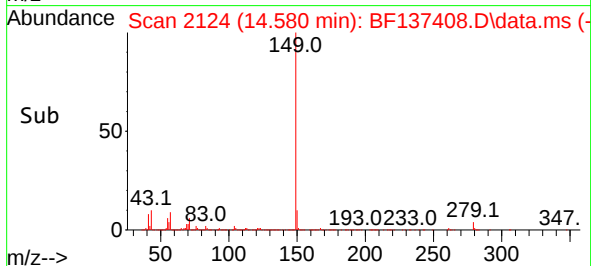
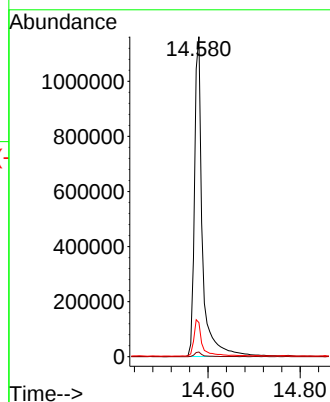
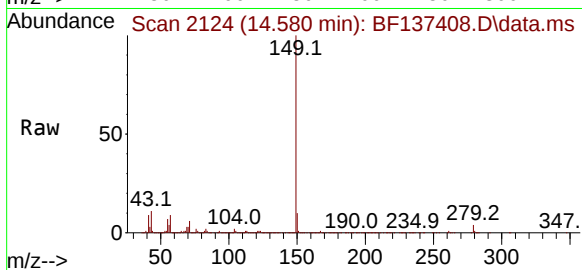
Tgt Ion:149 Resp: 1385119

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.2 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

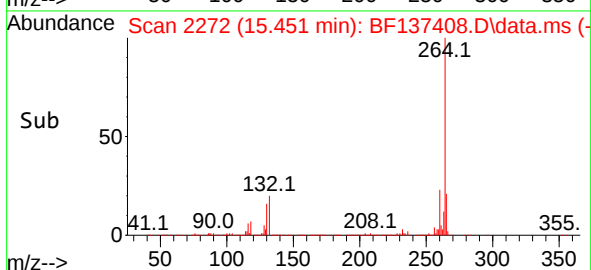
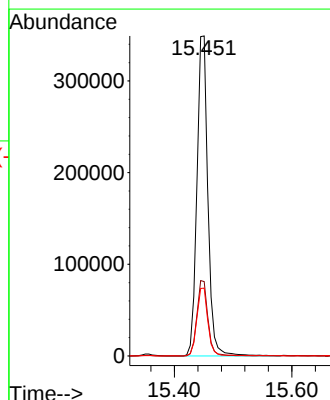
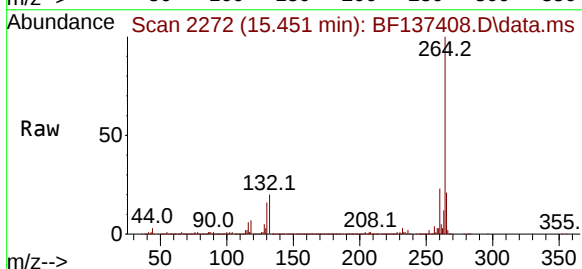
Tgt Ion:264 Resp: 451295

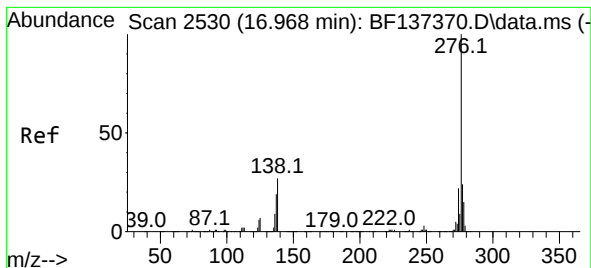
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.197 ng

RT: 16.945 min Scan# 2198

Delta R.T. -0.023 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

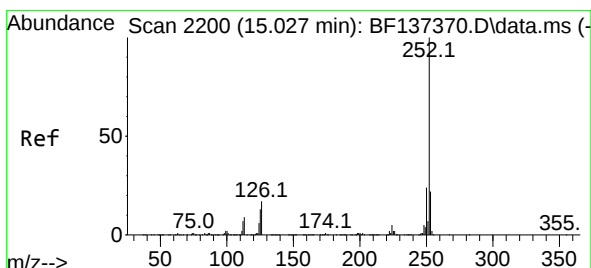
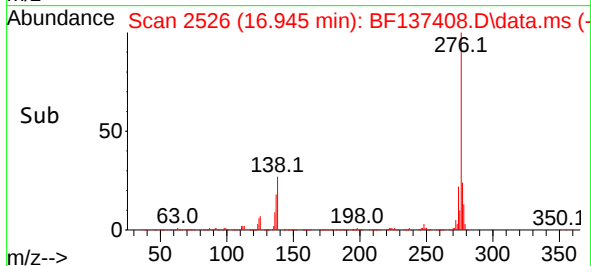
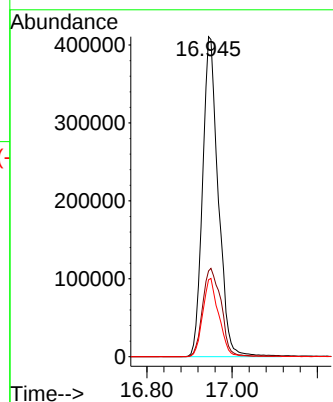
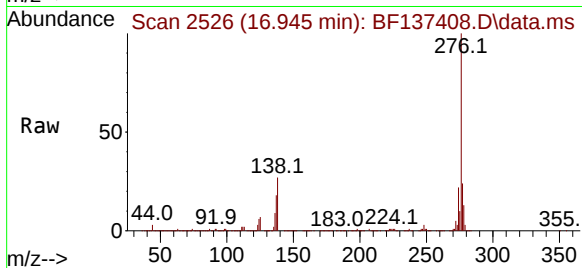
Tgt Ion:276 Resp: 1051133

Ion Ratio Lower Upper

276 100

138 32.4 25.8 38.8

277 25.0 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 46.679 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

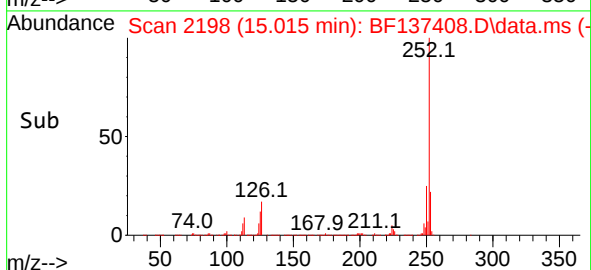
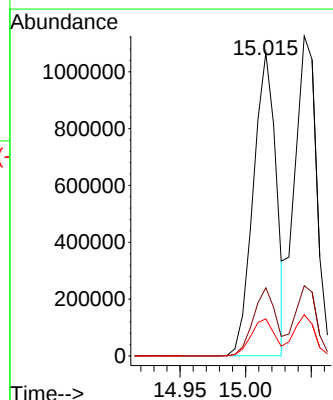
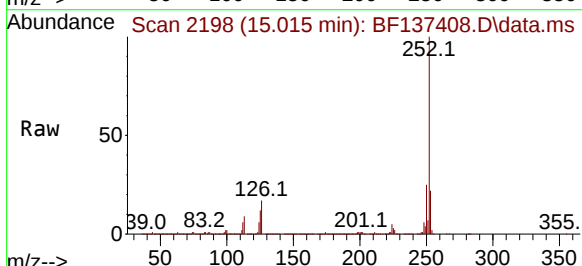
Tgt Ion:252 Resp: 1292303

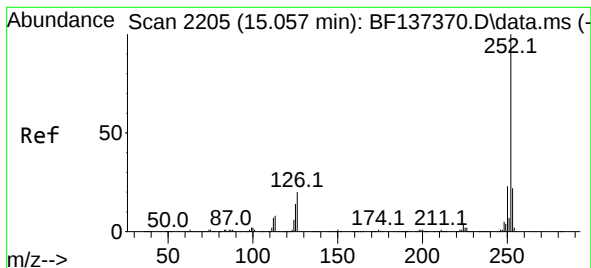
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 12.3 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 45.970 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

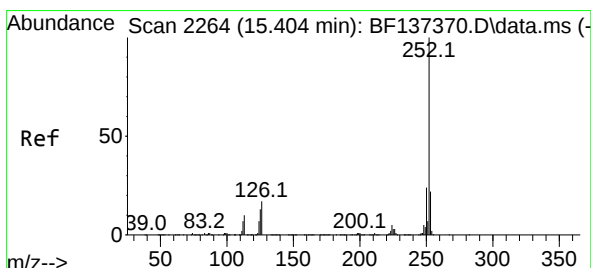
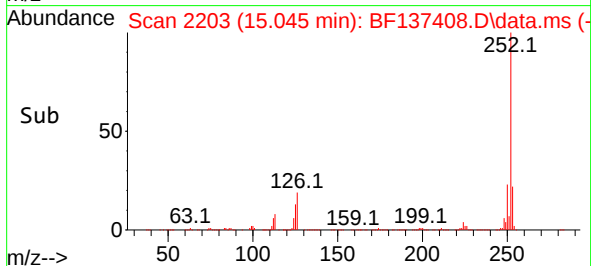
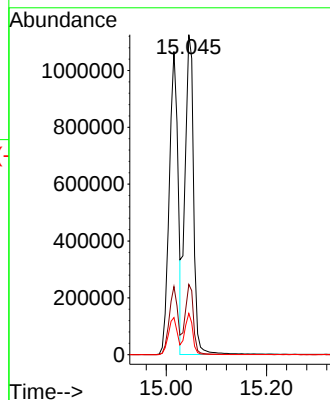
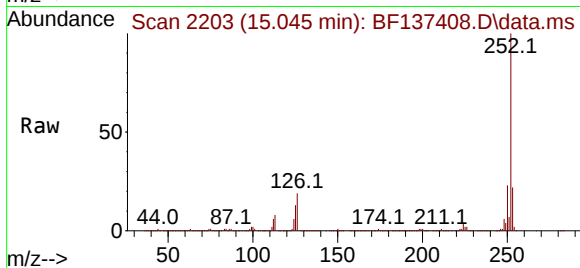
Tgt Ion:252 Resp: 1333886

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 12.9 10.7 16.1



#90

Benzo(a)pyrene

Concen: 45.417 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

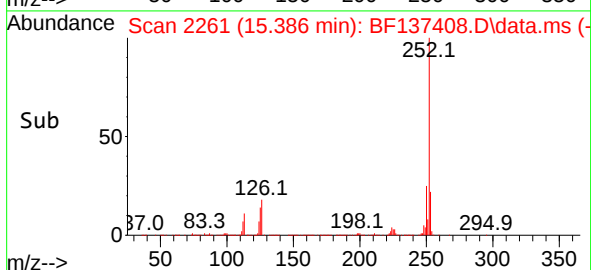
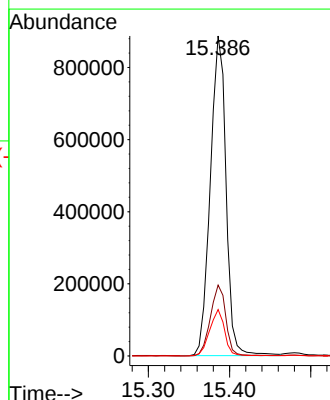
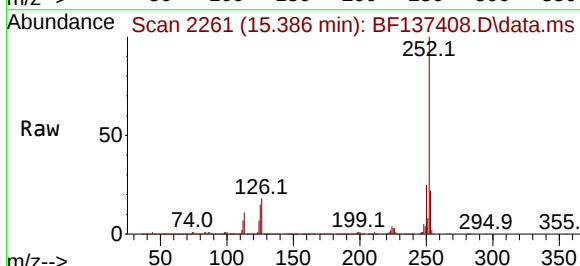
Tgt Ion:252 Resp: 1192647

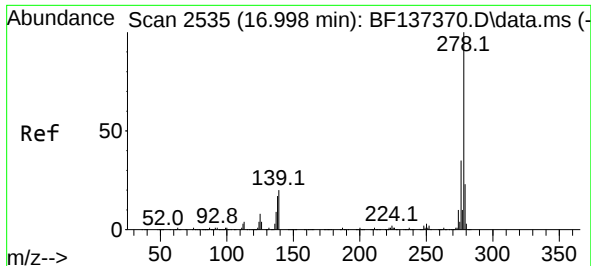
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 14.5 10.6 16.0

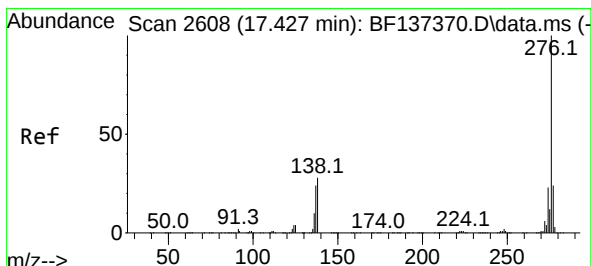
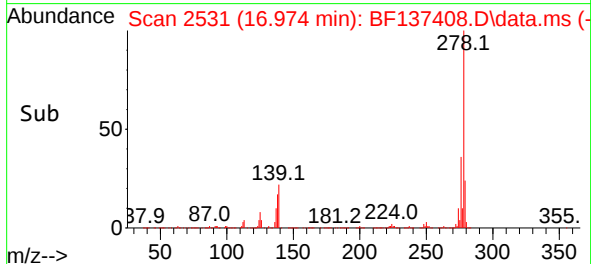
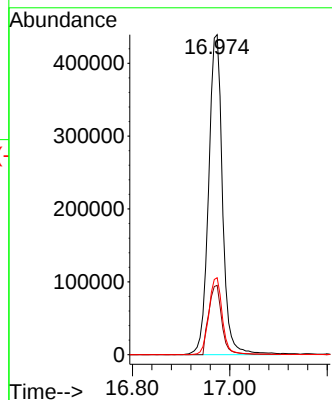
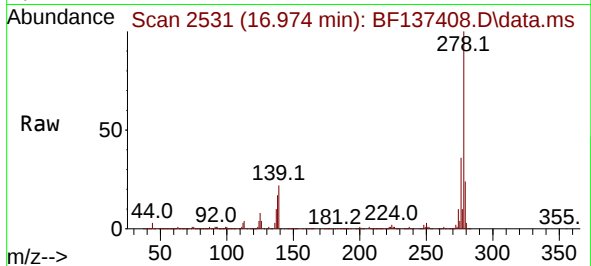




#91
Dibenzo(a,h)anthracene
Concen: 34.373 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:278 Resp: 868591
Ion Ratio Lower Upper
278 100
139 21.7 16.2 24.4
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 29.455 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.029 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:276 Resp: 757575
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 28.3 22.6 33.8

