

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012324\
 Data File : BF137137.D
 Acq On : 23 Jan 2024 16:10
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012324

Quant Time: Jan 24 03:55:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 03:53:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	163959	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	664277	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	335448	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	601819	20.000	ng	0.00
76) Chrysene-d12	13.992	240	335239	20.000	ng	0.00
86) Perylene-d12	15.480	264	310500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	847212	80.389	ng	0.00
7) Phenol-d6	6.446	99	1059949	80.610	ng	0.00
23) Nitrobenzene-d5	7.381	82	981400	89.801	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	263066	89.942	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1703044	77.536	ng	0.00
79) Terphenyl-d14	12.939	244	1886076	80.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	206828	40.271	ng	99
3) Pyridine	3.352	79	493586	40.919	ng	99
4) n-Nitrosodimethylamine	3.316	42	277944	41.239	ng	100
6) Aniline	6.481	93	676311	41.057	ng	100
8) 2-Chlorophenol	6.598	128	479681	41.397	ng	100
9) Benzaldehyde	6.363	77	293804	40.666	ng	96
10) Phenol	6.457	94	616943	40.302	ng	100
11) bis(2-Chloroethyl)ether	6.551	93	460867	39.787	ng	96
12) 1,3-Dichlorobenzene	6.751	146	501995	39.850	ng	96
13) 1,4-Dichlorobenzene	6.834	146	503840	39.766	ng	100
14) 1,2-Dichlorobenzene	6.981	146	488590	40.390	ng	99
15) Benzyl Alcohol	6.957	79	420290	41.759	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	786082	39.720	ng	100
17) 2-Methylphenol	7.063	107	384203	40.639	ng	99
18) Hexachloroethane	7.322	117	187113	41.459	ng	94
19) n-Nitroso-di-n-propyla...	7.234	70	344332	40.853	ng	99
20) 3+4-Methylphenols	7.216	107	458017	40.174	ng	99
22) Acetophenone	7.228	105	640549	39.426	ng	100
24) Nitrobenzene	7.393	77	501569	46.126	ng	94
25) Isophorone	7.634	82	934947	40.303	ng	99
26) 2-Nitrophenol	7.710	139	202451	43.493	ng	99
27) 2,4-Dimethylphenol	7.745	122	335709	40.651	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	563048	39.653	ng	100
29) 2,4-Dichlorophenol	7.945	162	385948	42.564	ng	100
30) 1,2,4-Trichlorobenzene	8.034	180	421950	39.609	ng	99
31) Naphthalene	8.116	128	1346085	39.750	ng	100
32) Benzoic acid	7.863	122	267696	43.587	ng	96
33) 4-Chloroaniline	8.163	127	555887	40.633	ng	99
34) Hexachlorobutadiene	8.234	225	239361	40.033	ng	97
35) Caprolactam	8.534	113	126369	44.006	ng	97
36) 4-Chloro-3-methylphenol	8.640	107	412487	40.837	ng	99
37) 2-Methylnaphthalene	8.804	142	860154	39.536	ng	99
38) 1-Methylnaphthalene	8.904	142	799338	39.470	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	394632	39.962	ng	99
41) Hexachlorocyclopentadiene	8.957	237	190142	44.054	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	266162	43.950	ng	98

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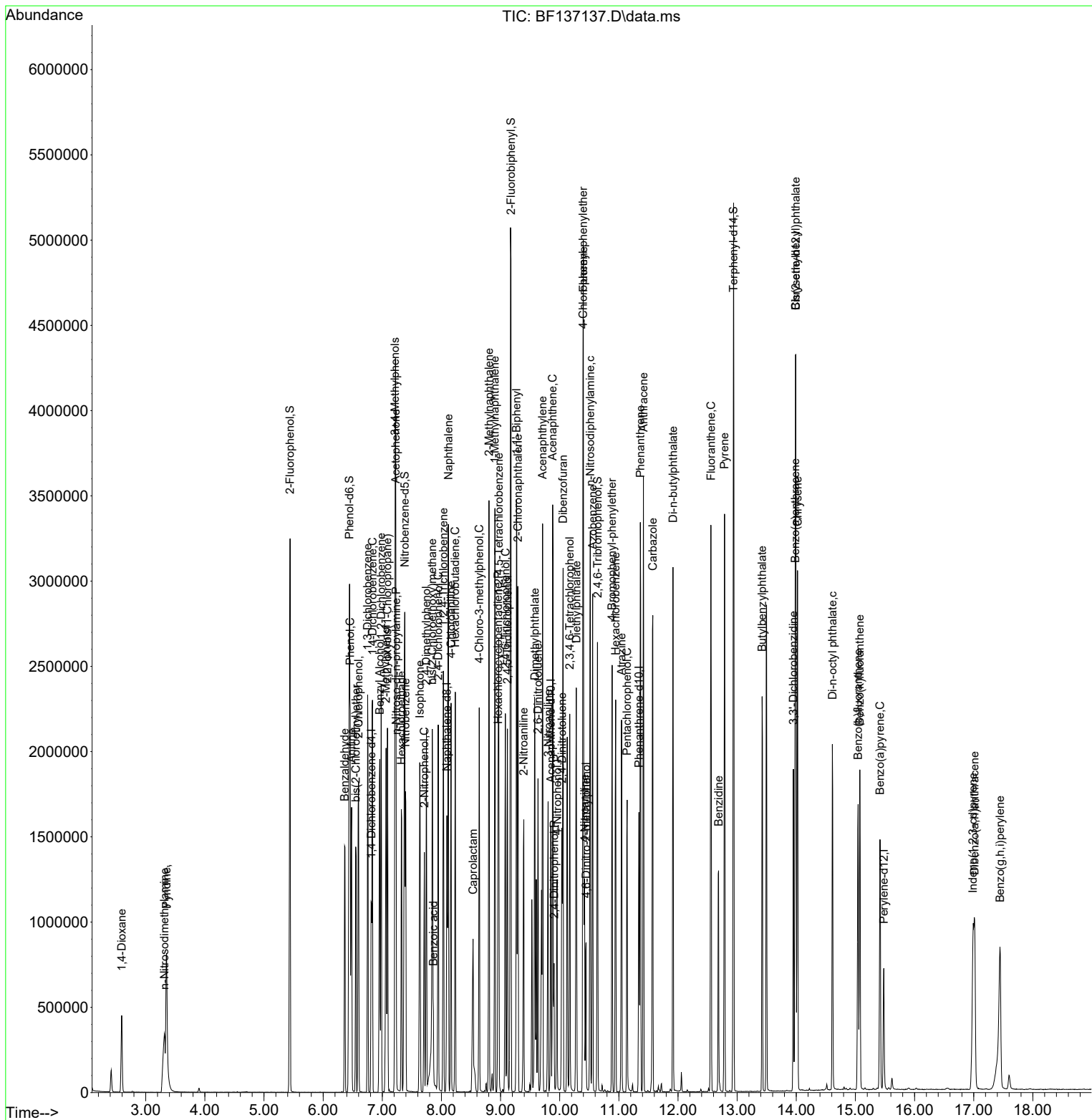
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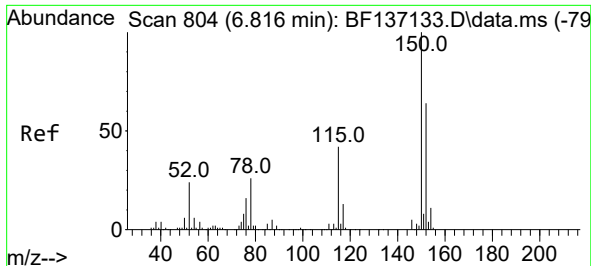
Quant Time: Jan 24 03:55:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	276651	42.496	ng	98
46) 1,1'-Biphenyl	9.269	154	1073947	39.748	ng	100
47) 2-Chloronaphthalene	9.292	162	818239	39.878	ng	100
48) 2-Nitroaniline	9.392	65	262066	43.707	ng	89
49) Acenaphthylene	9.710	152	1277797	40.139	ng	99
50) Dimethylphthalate	9.581	163	939499	40.223	ng	98
51) 2,6-Dinitrotoluene	9.634	165	200497	45.287	ng	99
52) Acenaphthene	9.881	154	794963	40.176	ng	98
53) 3-Nitroaniline	9.804	138	227912	44.339	ng	99
54) 2,4-Dinitrophenol	9.904	184	68240	46.619	ng	97
55) Dibenzofuran	10.057	168	1130812	39.904	ng	100
56) 4-Nitrophenol	9.957	139	180059	47.455	ng	92
57) 2,4-Dinitrotoluene	10.039	165	253281	45.550	ng	# 83
58) Fluorene	10.398	166	816265	38.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	234564	44.735	ng	98
60) Diethylphthalate	10.281	149	932968	41.258	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	387518	37.949	ng	97
62) 4-Nitroaniline	10.422	138	222174	43.813	ng	94
63) Azobenzene	10.557	77	982987	40.335	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	100652	44.501	ng	94
66) n-Nitrosodiphenylamine	10.516	169	769608	40.588	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	254699	40.869	ng	95
68) Hexachlorobenzene	10.945	284	285408	40.777	ng	97
69) Atrazine	11.045	200	254093	42.457	ng	99
70) Pentachlorophenol	11.139	266	183303	48.364	ng	99
71) Phenanthrene	11.363	178	1296450	40.213	ng	99
72) Anthracene	11.416	178	1328701	40.528	ng	100
73) Carbazole	11.575	167	1166877	40.750	ng	99
74) Di-n-butylphthalate	11.916	149	1386075	42.669	ng	99
75) Fluoranthene	12.557	202	1311323	40.912	ng	99
77) Benzidine	12.686	184	477523	43.305	ng	99
78) Pyrene	12.786	202	1334850	41.057	ng	100
80) Butylbenzylphthalate	13.422	149	505955	41.167	ng	96
81) Benzo(a)anthracene	13.980	228	1048030	41.138	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	328273	43.446	ng	99
83) Chrysene	14.022	228	1004848	40.969	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	627115	46.295	ng	100
85) Di-n-octyl phthalate	14.610	149	959245	45.766	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	823518	41.512	ng	100
88) Benzo(b)fluoranthene	15.045	252	794834	41.470	ng	99
89) Benzo(k)fluoranthene	15.074	252	795677	41.773	ng	98
90) Benzo(a)pyrene	15.416	252	708143	42.229	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	672756	41.616	ng	99
92) Benzo(g,h,i)perylene	17.445	276	659198	42.140	ng	99

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

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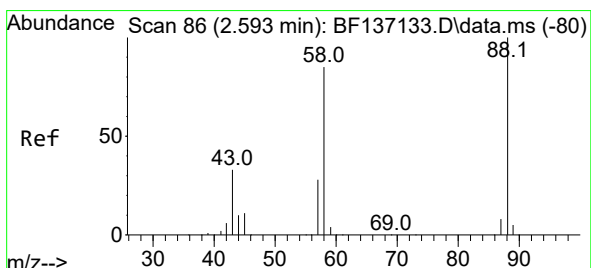
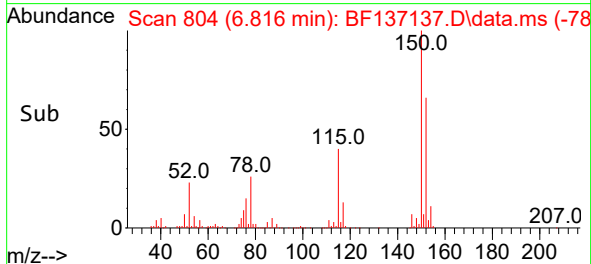
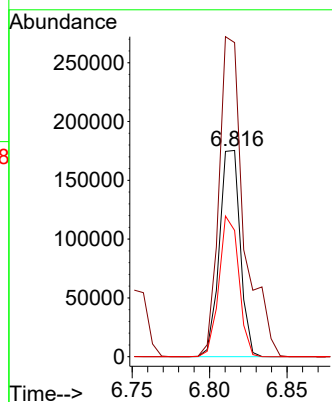
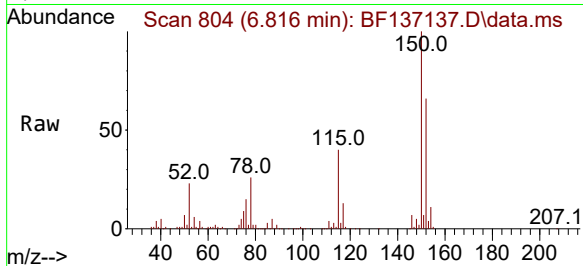




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BF137137.D
 Acq: 23 Jan 2024 16:10

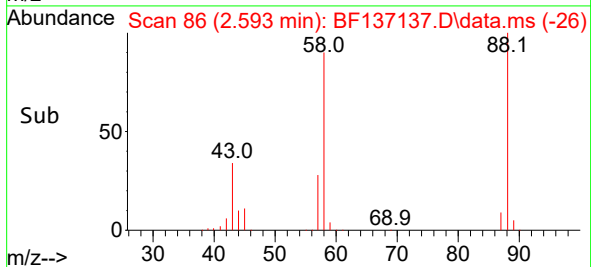
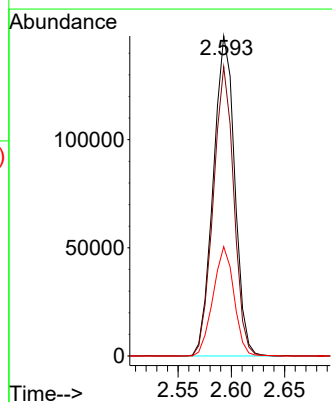
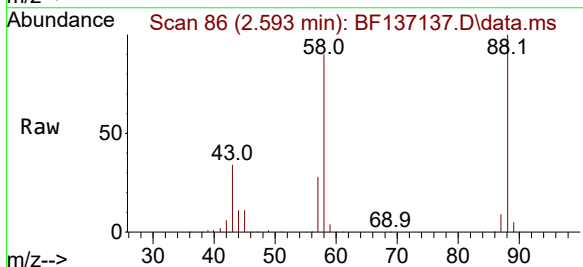
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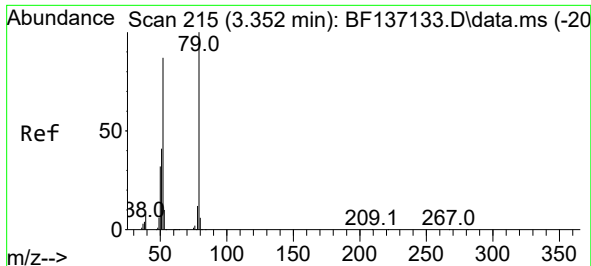
Tgt Ion:152 Resp: 163959
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.6 188.4
 115 61.2 52.3 78.5



#2
 1,4-Dioxane
 Concen: 40.271 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: BF137137.D
 Acq: 23 Jan 2024 16:10

Tgt Ion: 88 Resp: 206828
 Ion Ratio Lower Upper
 88 100
 58 86.5 68.6 103.0
 43 33.3 27.0 40.6

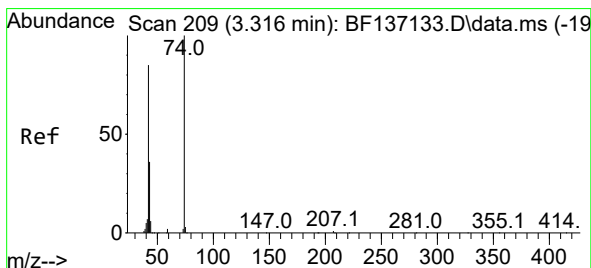
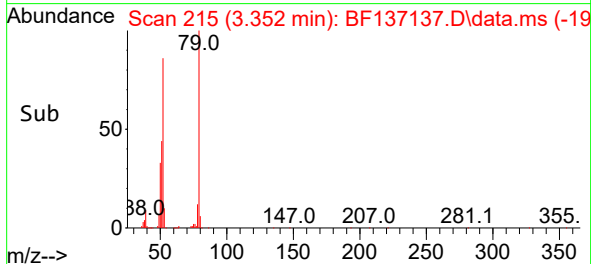
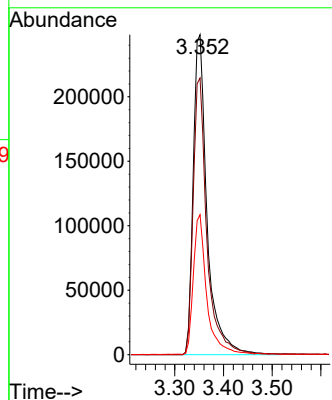
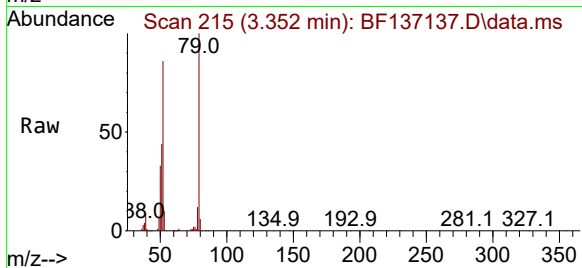




#3
Pyridine
Concen: 40.919 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

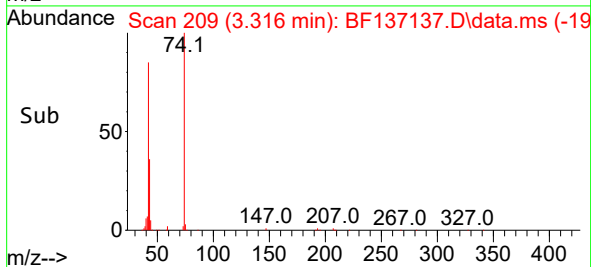
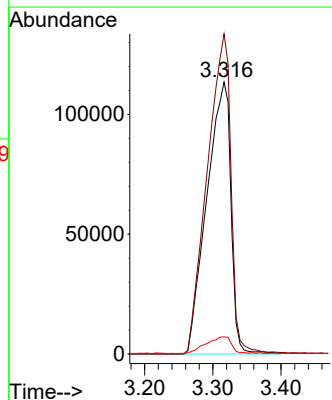
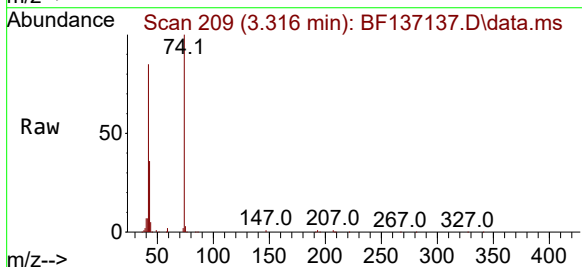
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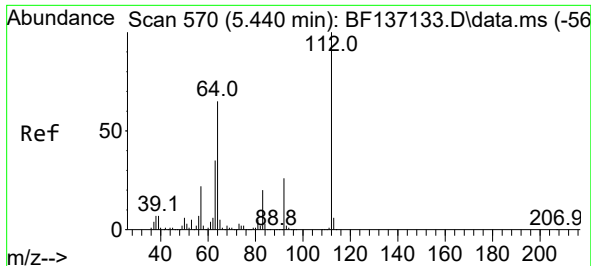
Tgt Ion: 79 Resp: 493586
Ion Ratio Lower Upper
79 100
52 86.5 69.4 104.0
51 43.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.239 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 42 Resp: 277944
Ion Ratio Lower Upper
42 100
74 117.7 93.9 140.9
44 6.3 5.4 8.2

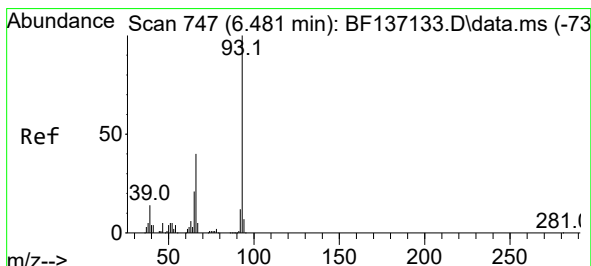
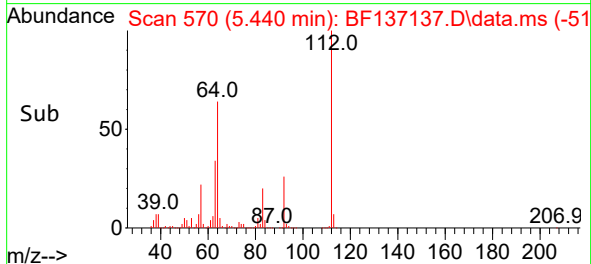
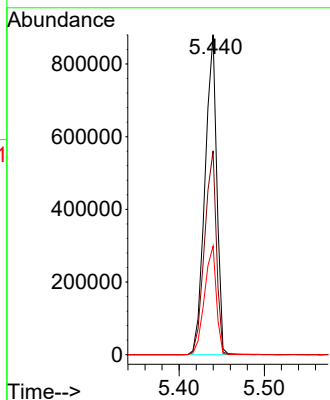
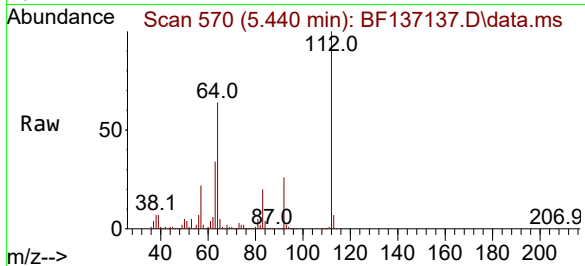




#5
2-Fluorophenol
Concen: 80.389 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

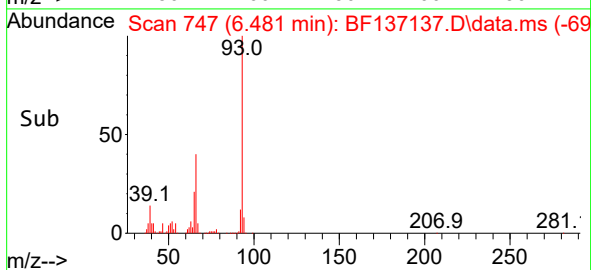
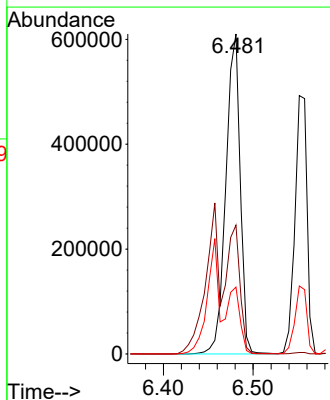
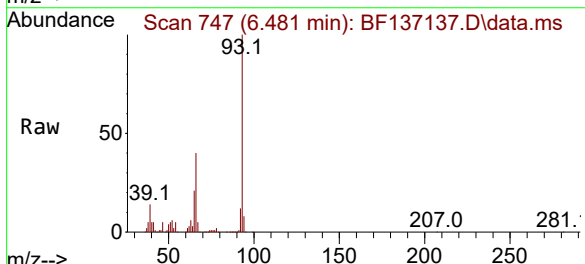
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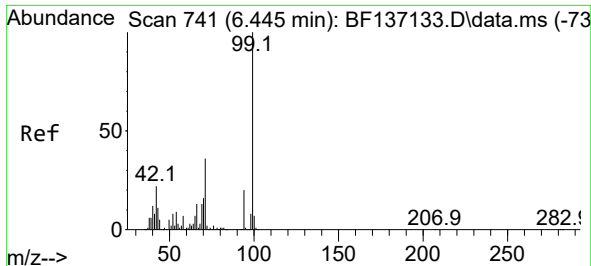
Tgt Ion:112 Resp: 847212
Ion Ratio Lower Upper
112 100
64 63.7 52.4 78.6
63 33.9 27.6 41.4



#6
Aniline
Concen: 41.057 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 93 Resp: 676311
Ion Ratio Lower Upper
93 100
66 40.3 32.2 48.4
65 20.9 17.1 25.7





#7

Phenol-d6

Concen: 80.610 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

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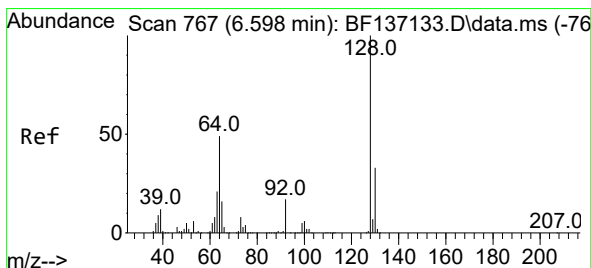
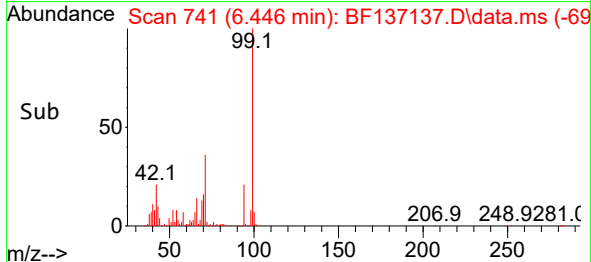
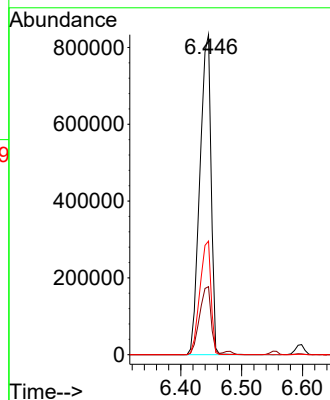
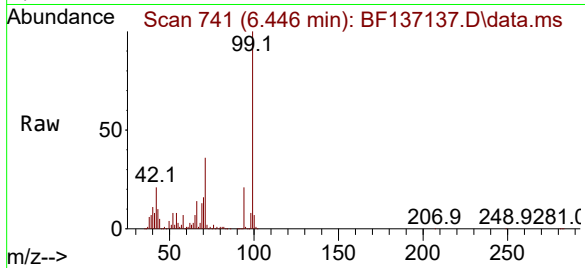
Tgt Ion: 99 Resp: 1059949

Ion Ratio Lower Upper

99 100

42 21.3 17.4 26.2

71 35.5 29.0 43.4



#8

2-Chlorophenol

Concen: 41.397 ng

RT: 6.598 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

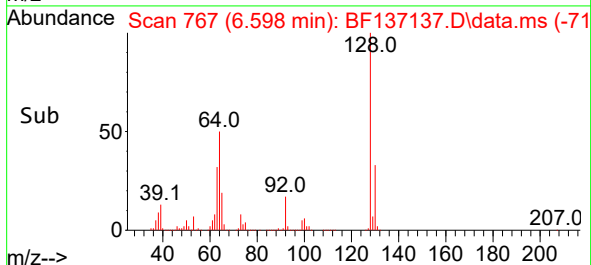
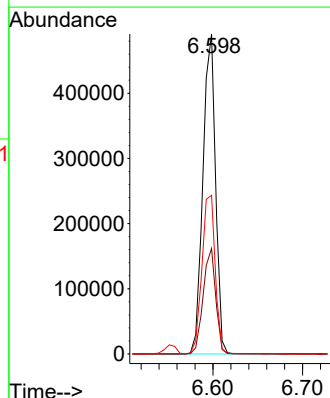
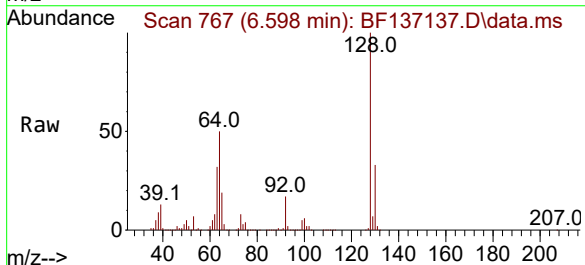
Tgt Ion:128 Resp: 479681

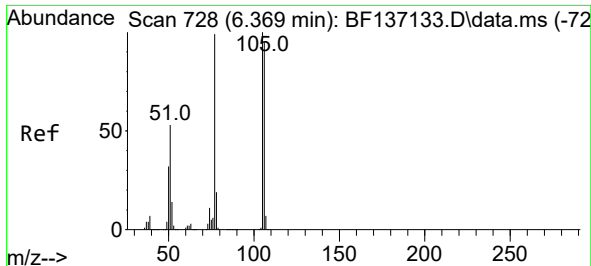
Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 49.6 29.7 69.7

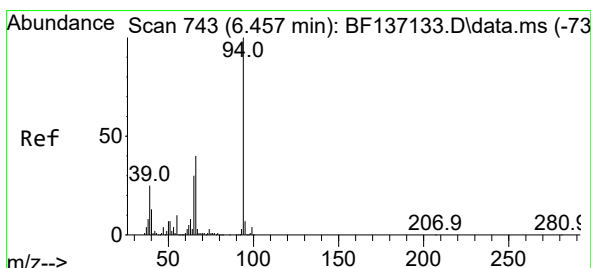
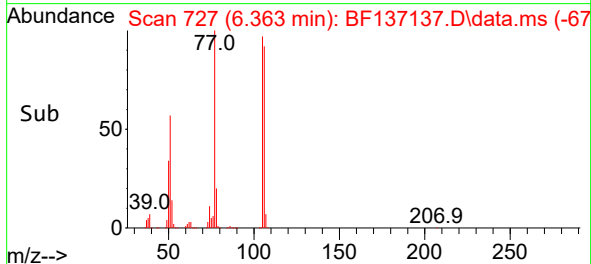
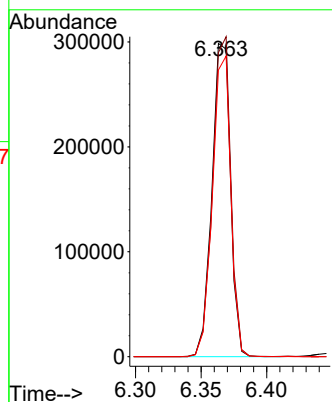
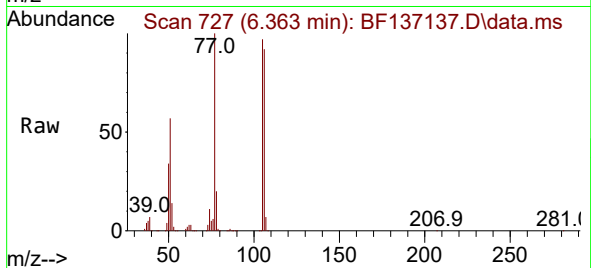




#9
Benzaldehyde
Concen: 40.666 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

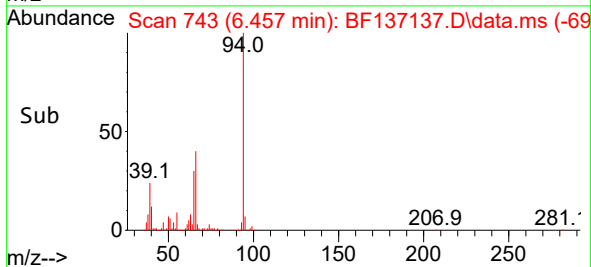
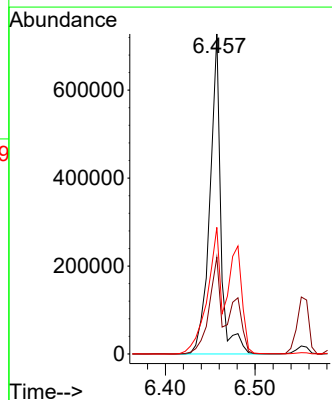
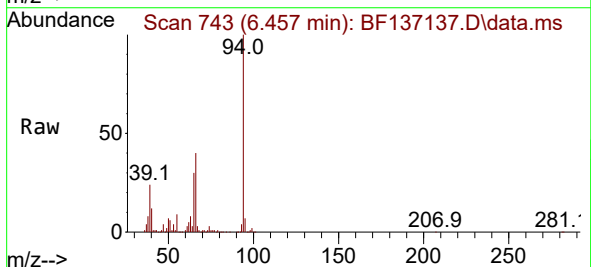
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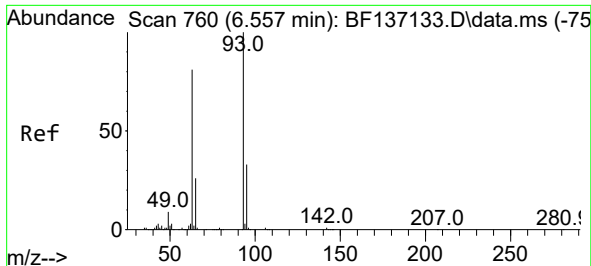
Tgt Ion: 77 Resp: 293804
Ion Ratio Lower Upper
77 100
105 97.1 81.0 121.0
106 91.5 76.4 116.4



#10
Phenol
Concen: 40.302 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 94 Resp: 616943
Ion Ratio Lower Upper
94 100
65 30.2 10.4 50.4
66 39.6 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 39.787 ng

RT: 6.551 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

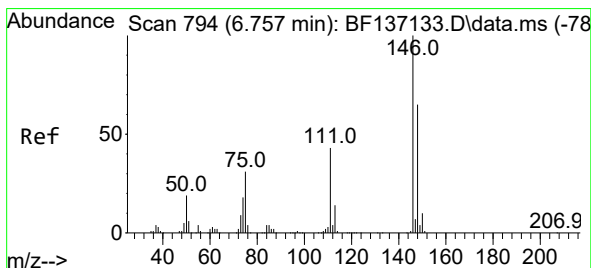
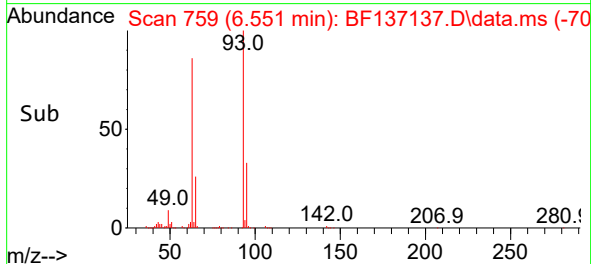
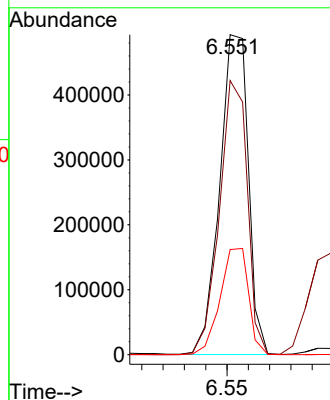
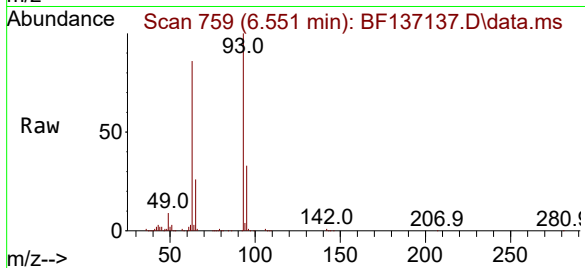
Tgt Ion: 93 Resp: 460867

Ion Ratio Lower Upper

93 100

63 85.7 61.1 101.1

95 32.9 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 39.850 ng

RT: 6.751 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

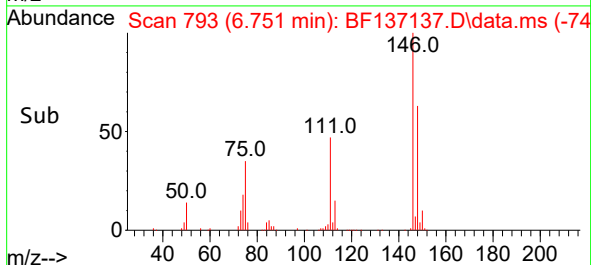
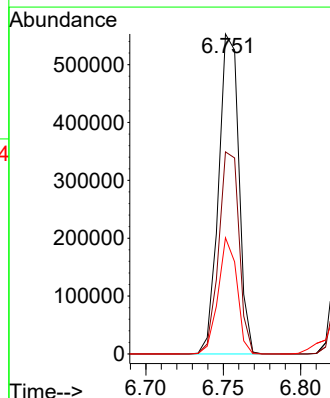
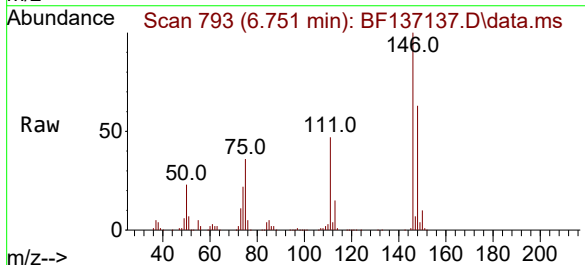
Tgt Ion:146 Resp: 501995

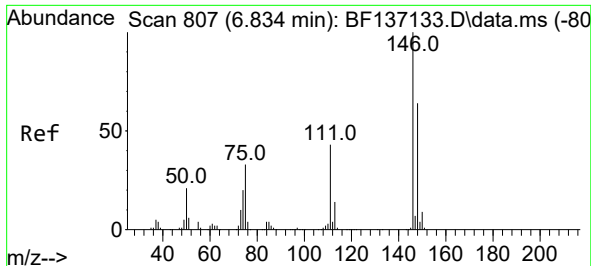
Ion Ratio Lower Upper

146 100

148 63.1 51.7 77.5

75 36.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 39.766 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

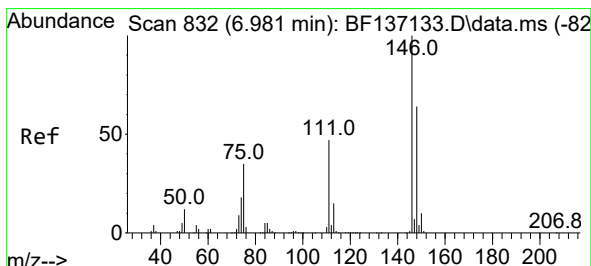
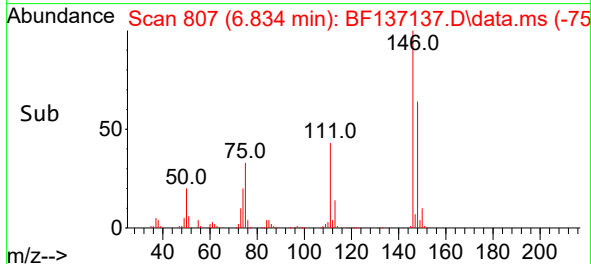
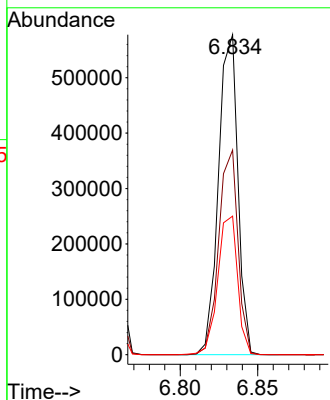
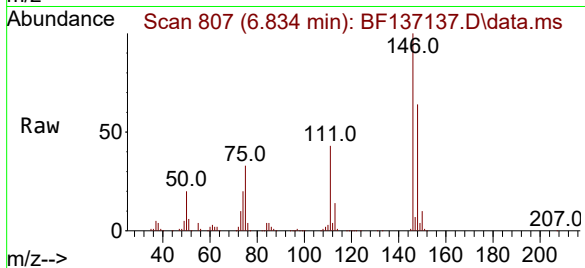
Tgt Ion:146 Resp: 503840

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 43.3 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 40.390 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

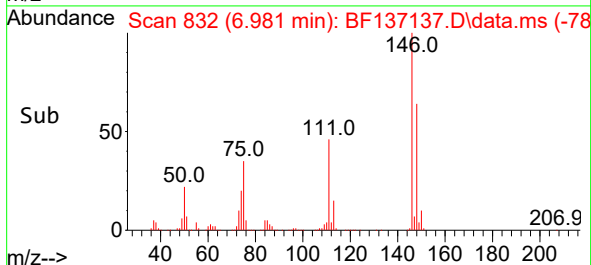
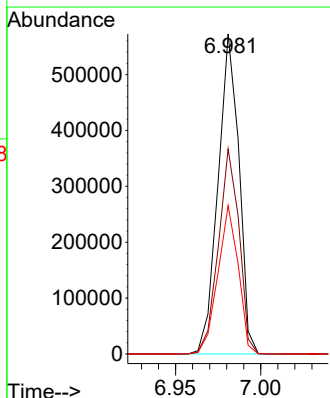
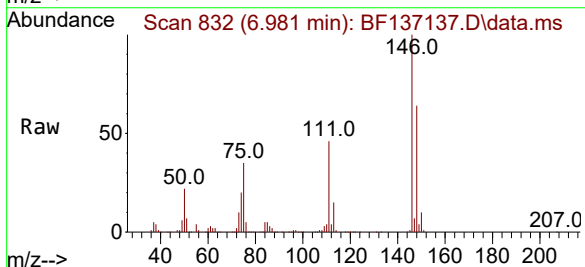
Tgt Ion:146 Resp: 488590

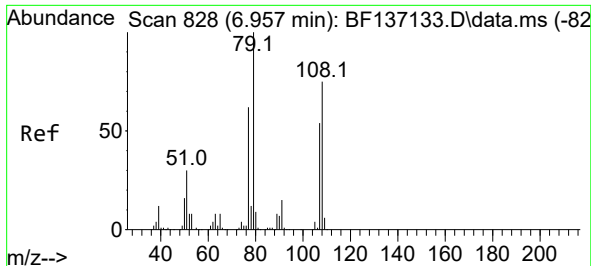
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

111 46.4 37.8 56.8

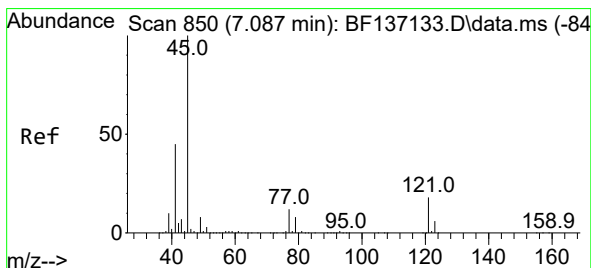
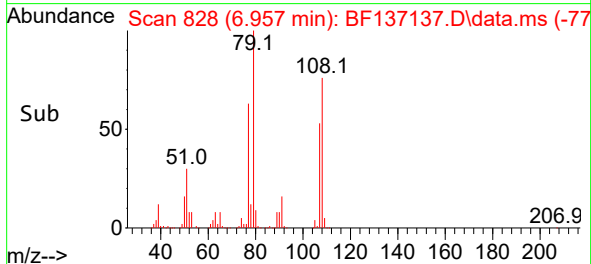
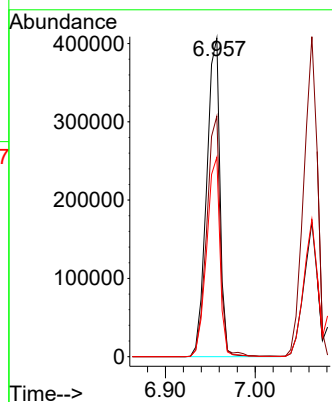
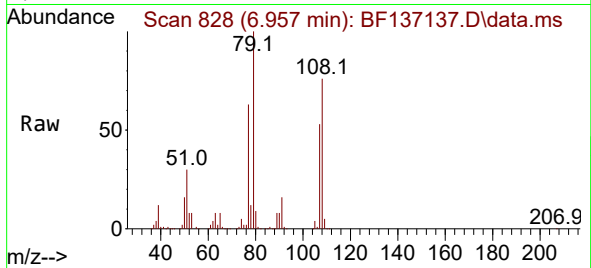




#15
Benzyl Alcohol
Concen: 41.759 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

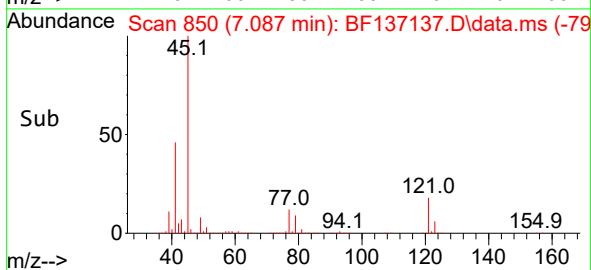
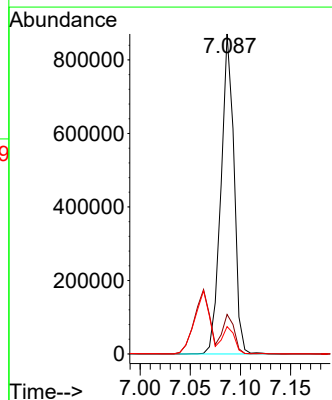
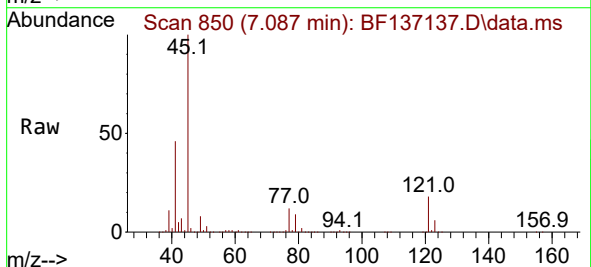
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

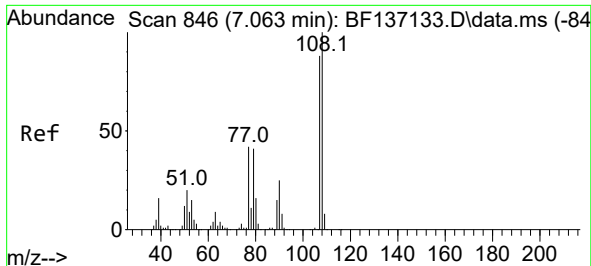
Tgt Ion: 79 Resp: 420290
Ion Ratio Lower Upper
79 100
108 75.5 60.1 90.1
77 62.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.720 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 45 Resp: 786082
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 8.6 0.0 28.5

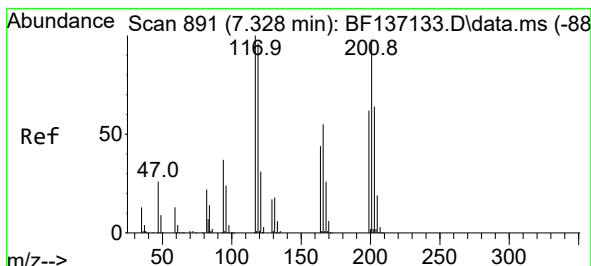
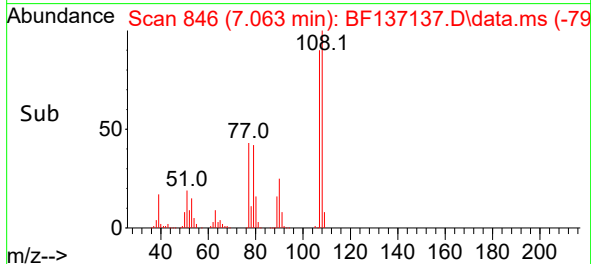
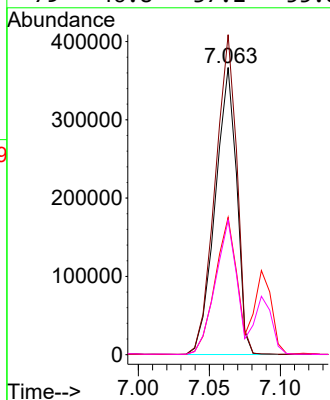
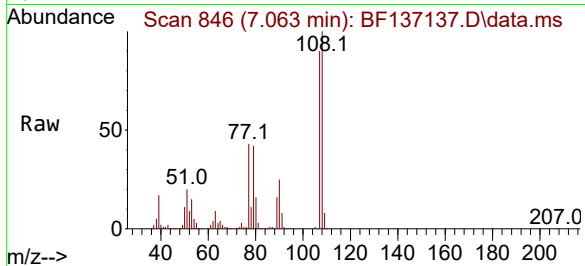




#17
2-Methylphenol
Concen: 40.639 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

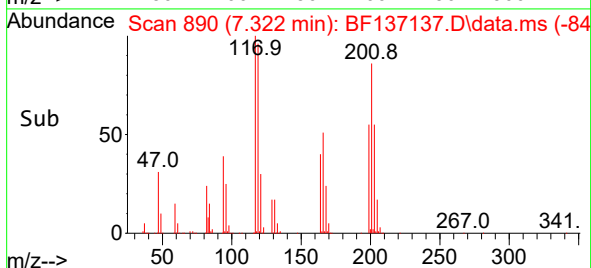
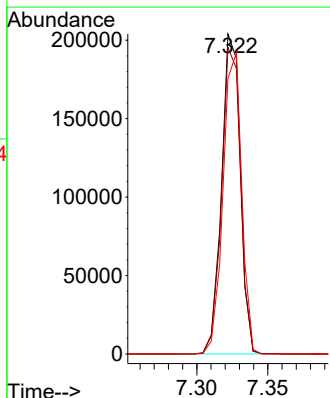
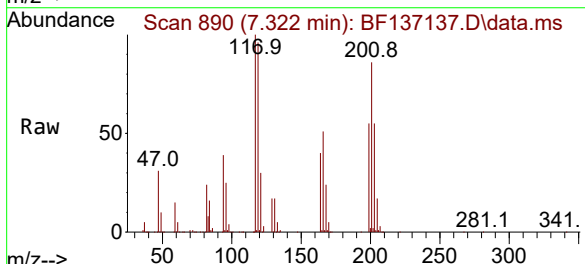
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

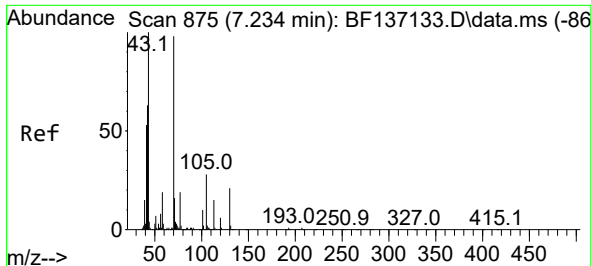
Tgt Ion:107 Resp: 384203
Ion Ratio Lower Upper
107 100
108 111.4 91.1 136.7
77 47.8 38.4 57.6
79 46.8 37.2 55.8



#18
Hexachloroethane
Concen: 41.459 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:117 Resp: 187113
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 86.2 78.5 117.7

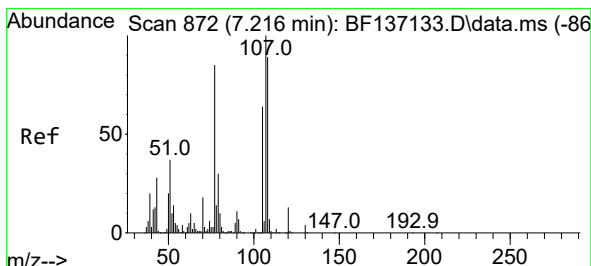
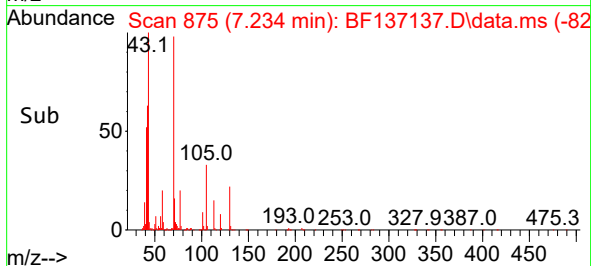
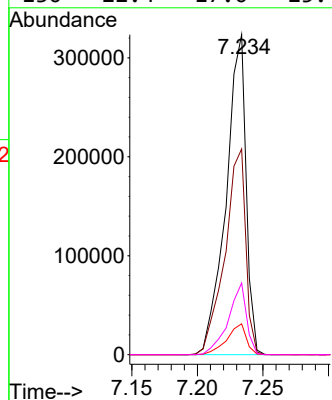
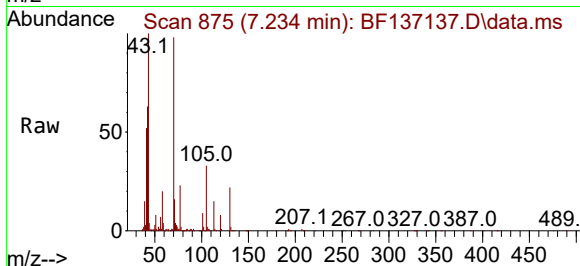




#19
n-Nitroso-di-n-propylamine
Concen: 40.853 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

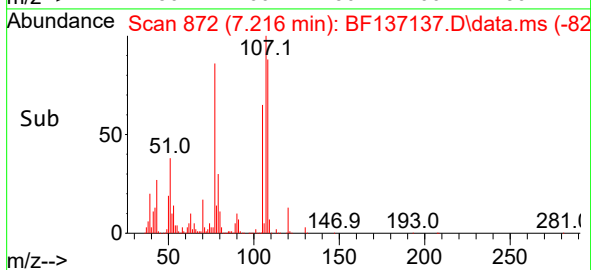
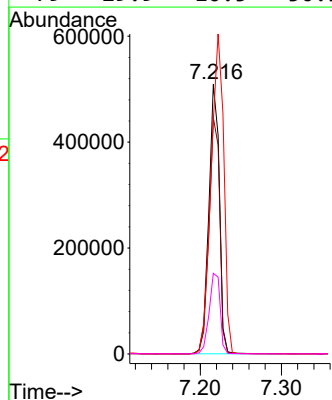
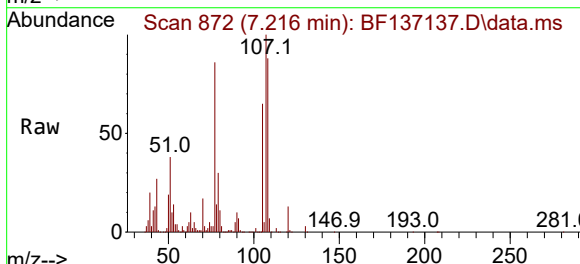
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

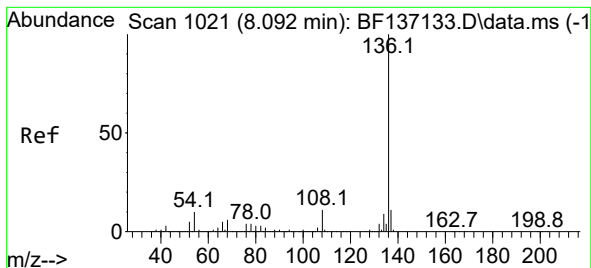
Tgt Ion: 70 Resp: 344332
Ion Ratio Lower Upper
70 100
42 64.3 51.2 76.8
101 9.7 8.0 12.0
130 22.4 17.0 25.4



#20
3+4-Methylphenols
Concen: 40.174 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 107 Resp: 458017
Ion Ratio Lower Upper
107 100
108 87.6 68.8 108.8
77 86.4 65.3 105.3
79 29.9 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

Tgt Ion:136 Resp: 664277

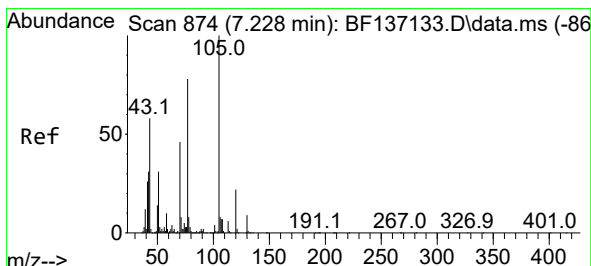
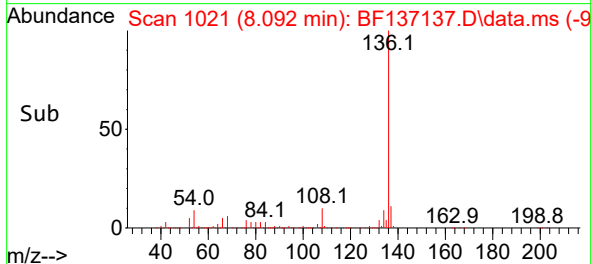
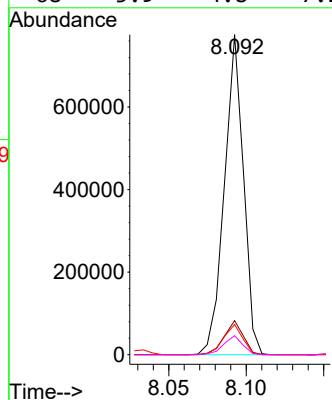
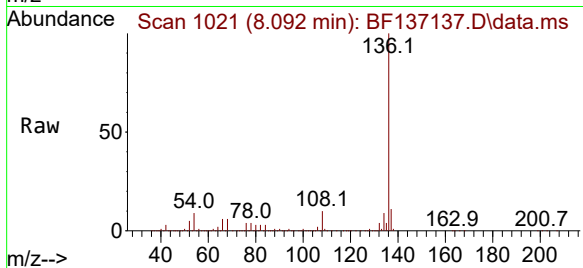
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 7.8 11.6

68 5.9 4.8 7.2



#22

Acetophenone

Concen: 39.426 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Tgt Ion:105 Resp: 640549

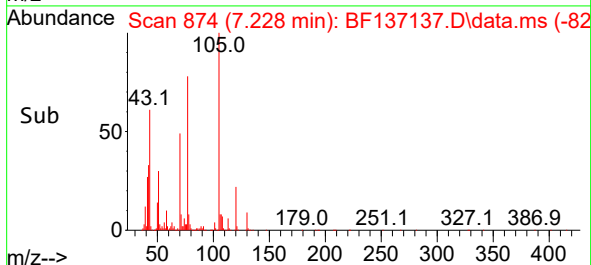
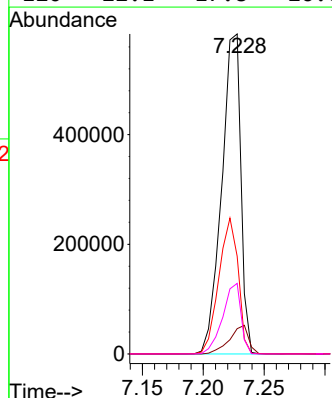
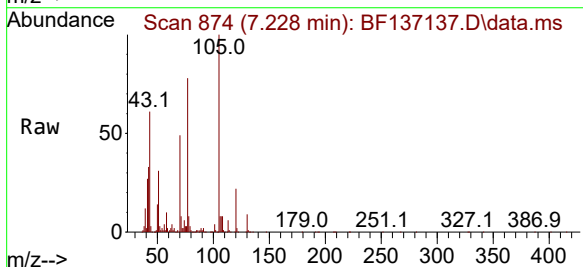
Ion Ratio Lower Upper

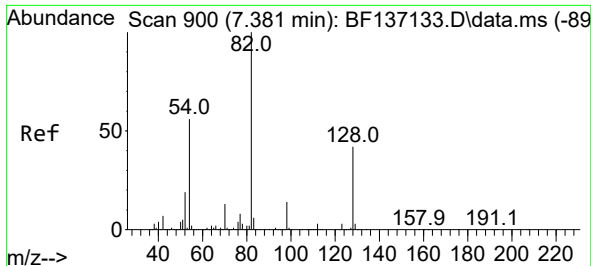
105 100

71 7.9 6.2 9.2

51 30.6 24.5 36.7

120 22.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 89.801 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

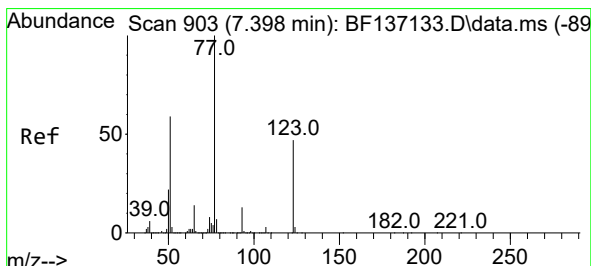
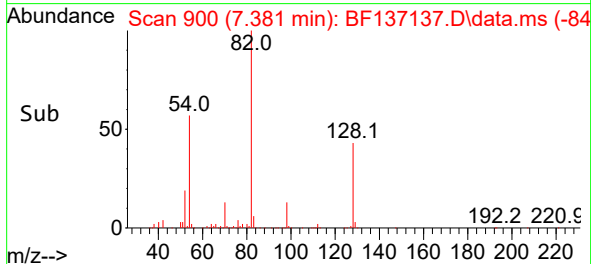
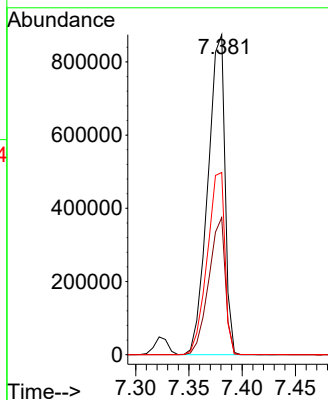
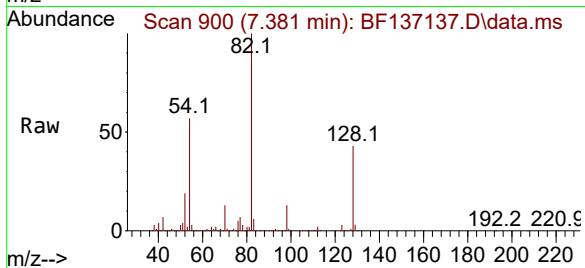
Tgt Ion: 82 Resp: 981400

Ion Ratio Lower Upper

82 100

128 42.8 33.8 50.6

54 57.0 44.9 67.3



#24

Nitrobenzene

Concen: 46.126 ng

RT: 7.393 min Scan# 902

Delta R.T. -0.005 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

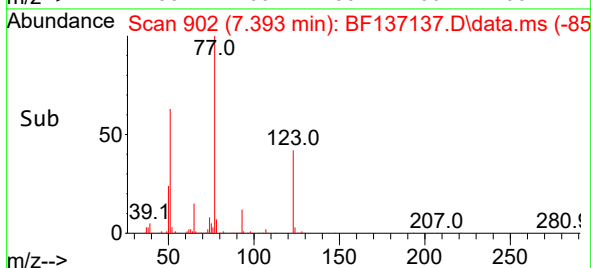
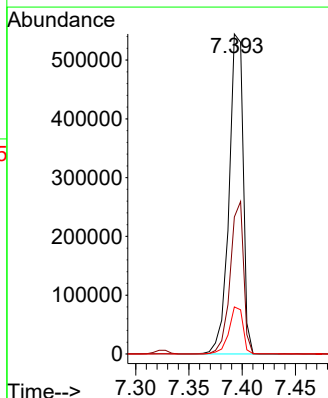
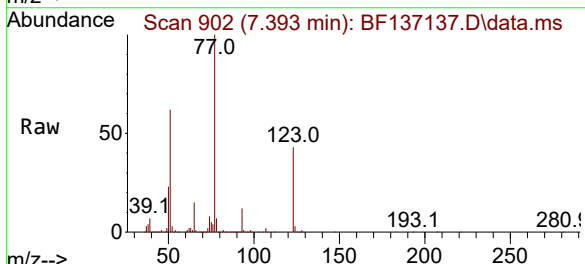
Tgt Ion: 77 Resp: 501569

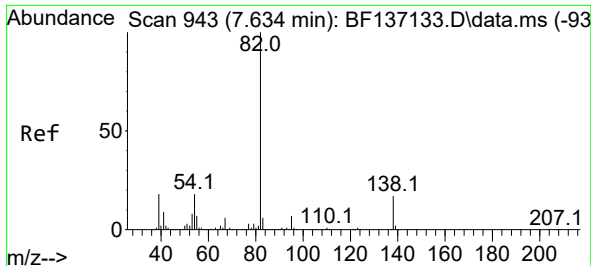
Ion Ratio Lower Upper

77 100

123 42.8 37.8 56.8

65 14.7 11.0 16.4

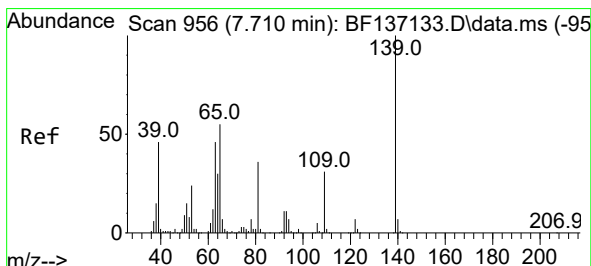
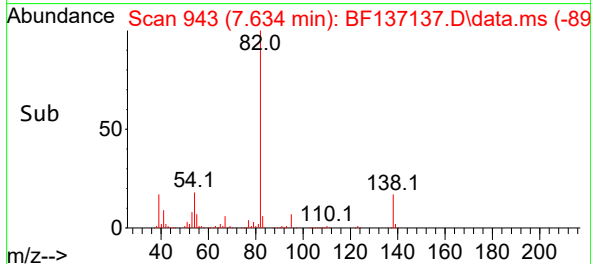
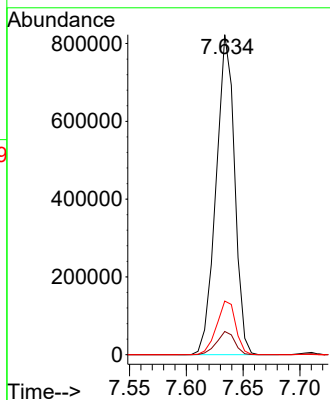
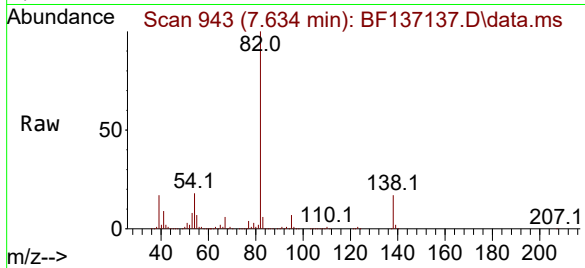




#25
Isophorone
Concen: 40.303 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

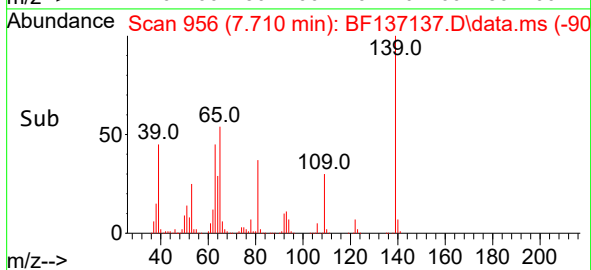
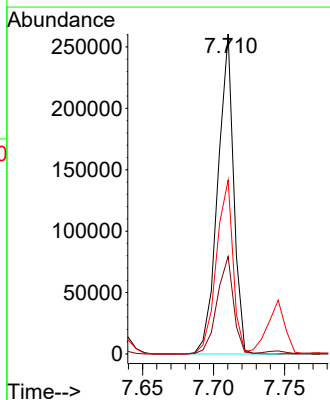
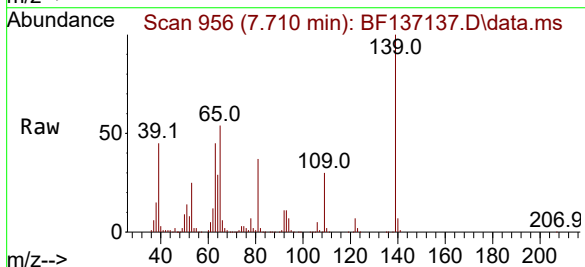
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

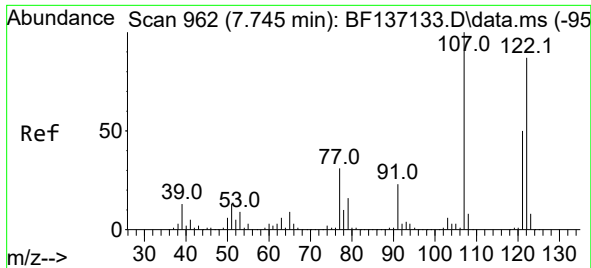
Tgt Ion: 82 Resp: 934947
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 43.493 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 139 Resp: 202451
Ion Ratio Lower Upper
139 100
109 30.4 25.1 37.7
65 54.3 43.7 65.5

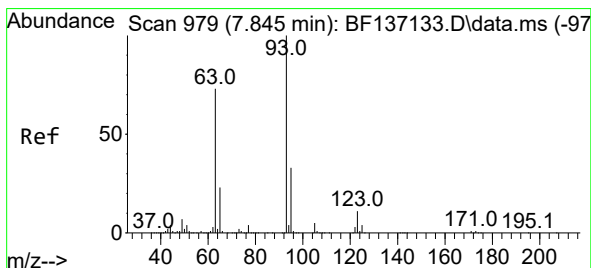
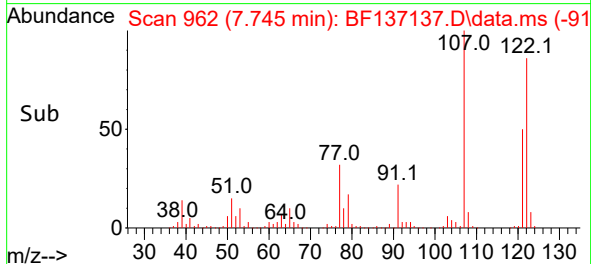
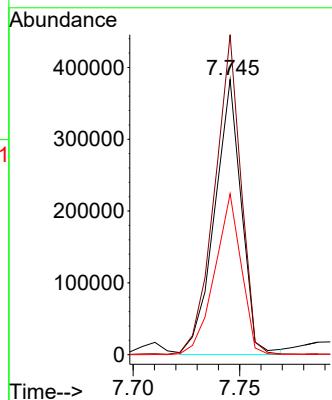
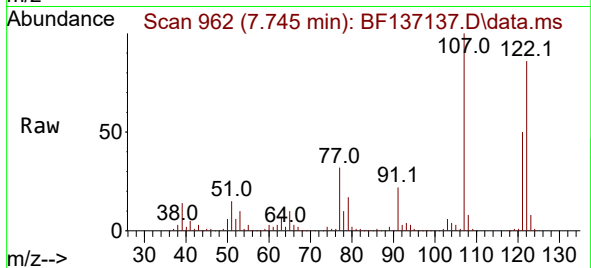




#27
2,4-Dimethylphenol
Concen: 40.651 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

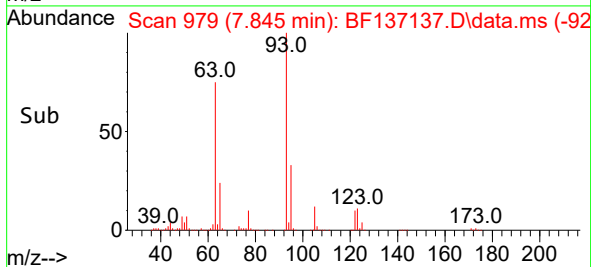
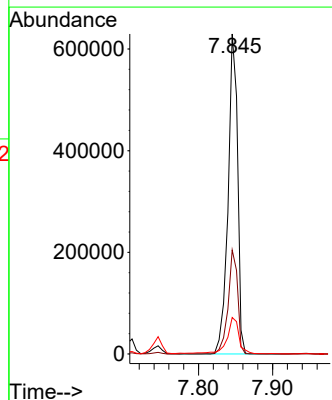
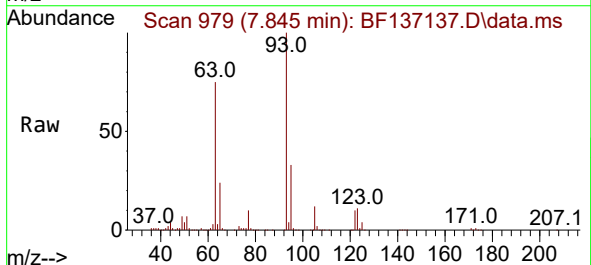
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

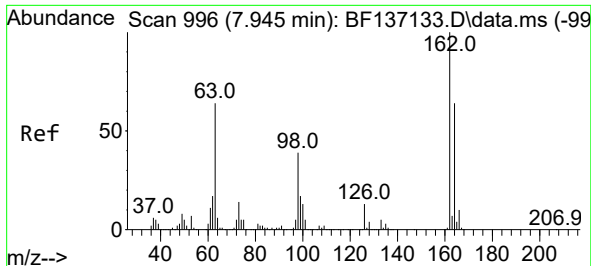
Tgt Ion:122 Resp: 335709
Ion Ratio Lower Upper
122 100
107 116.2 91.8 137.8
121 58.5 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.653 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 93 Resp: 563048
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.4 9.2 13.8

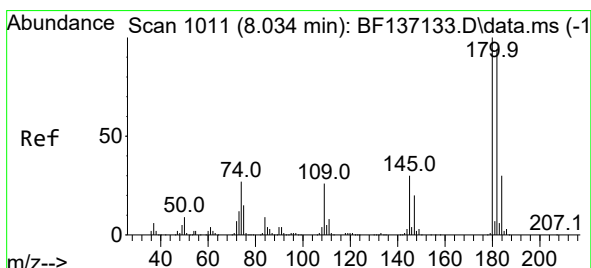
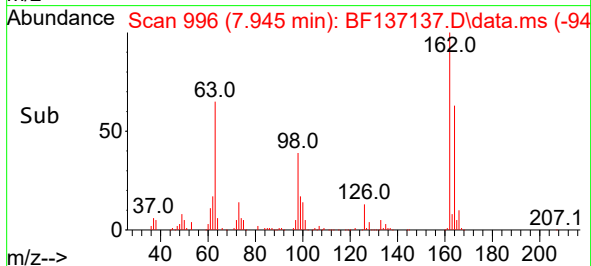
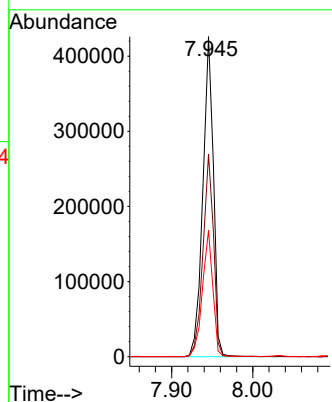
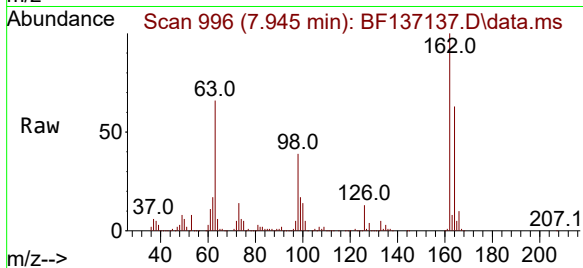




#29
2,4-Dichlorophenol
Concen: 42.564 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

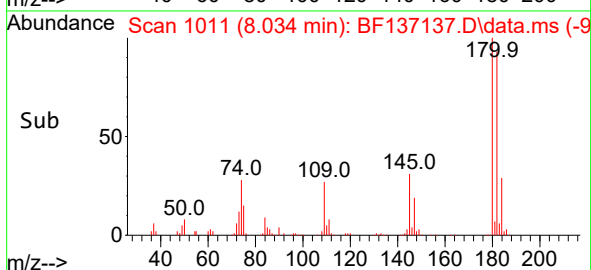
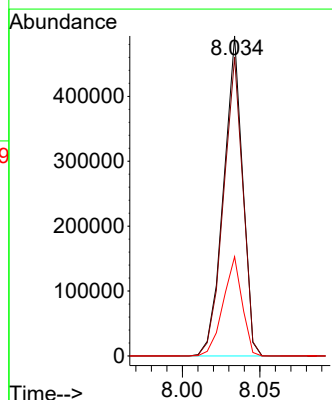
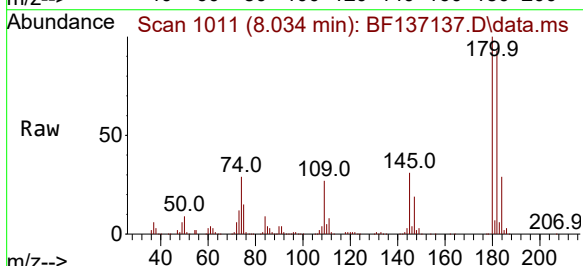
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

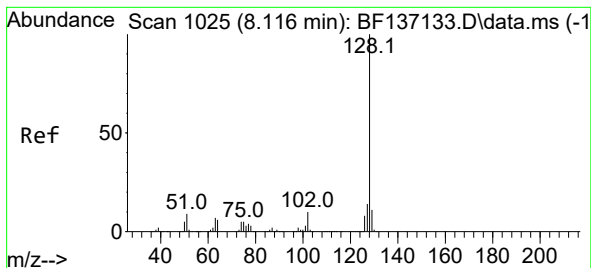
Tgt Ion:162 Resp: 385948
Ion Ratio Lower Upper
162 100
164 63.2 43.7 83.7
98 39.5 19.4 59.4



#30
1,2,4-Trichlorobenzene
Concen: 39.609 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:180 Resp: 421950
Ion Ratio Lower Upper
180 100
182 93.5 75.3 112.9
145 31.0 24.4 36.6





#31

Naphthalene

Concen: 39.750 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

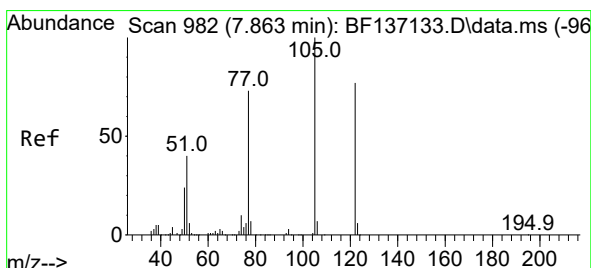
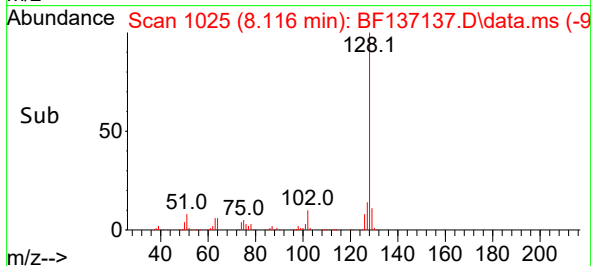
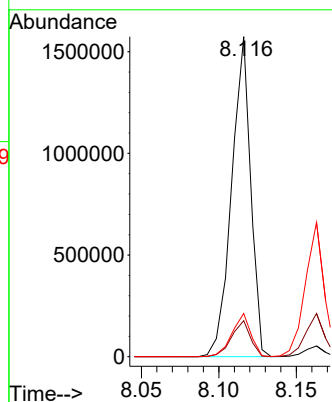
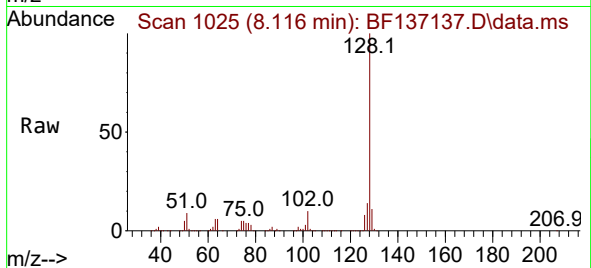
Tgt Ion:128 Resp: 1346085

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 43.587 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

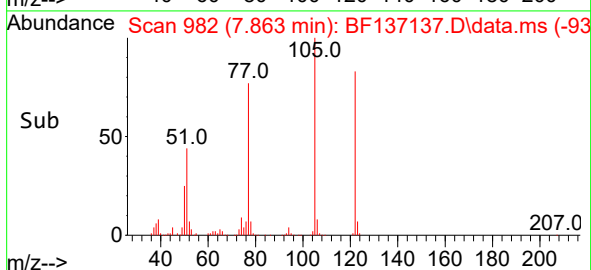
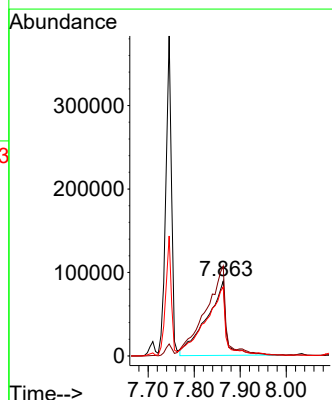
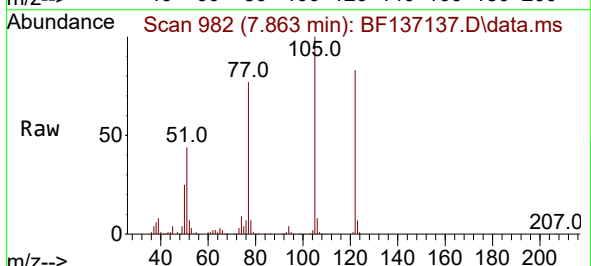
Tgt Ion:122 Resp: 267696

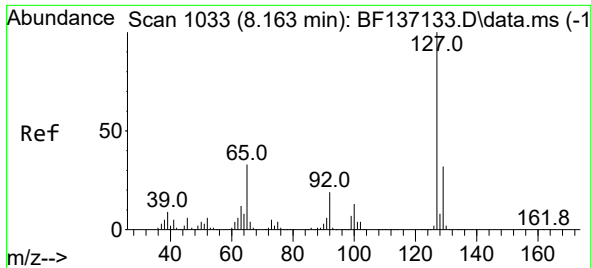
Ion Ratio Lower Upper

122 100

105 120.1 105.6 145.6

77 92.3 74.4 114.4

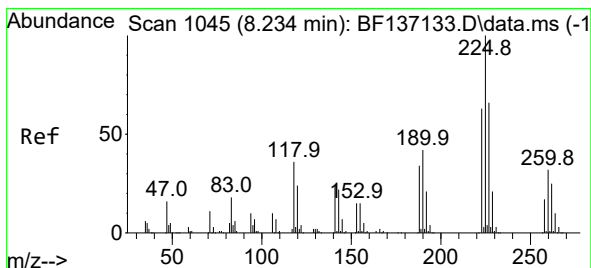
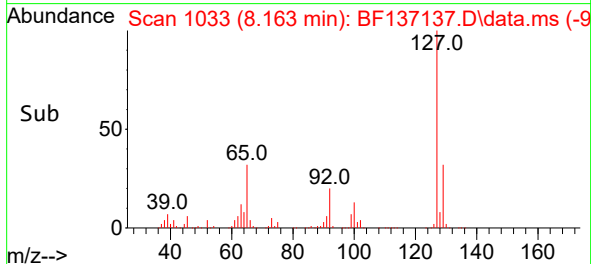
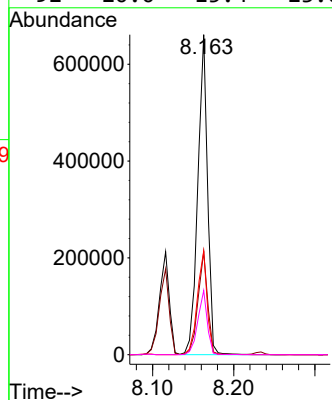
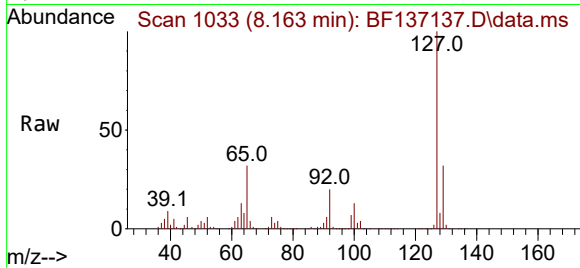




#33
4-Chloroaniline
Concen: 40.633 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

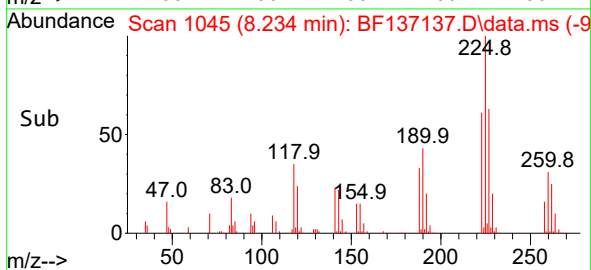
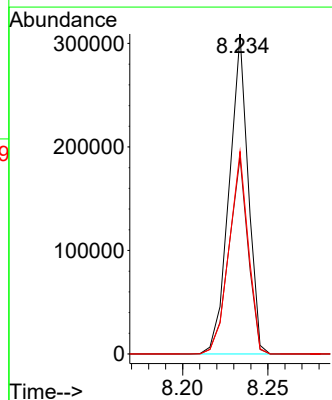
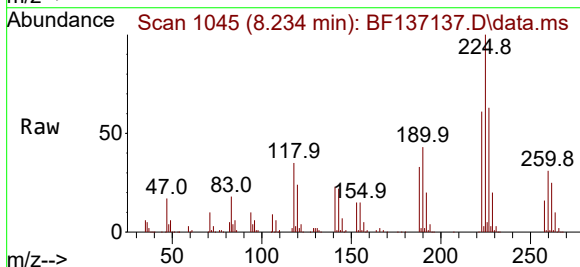
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

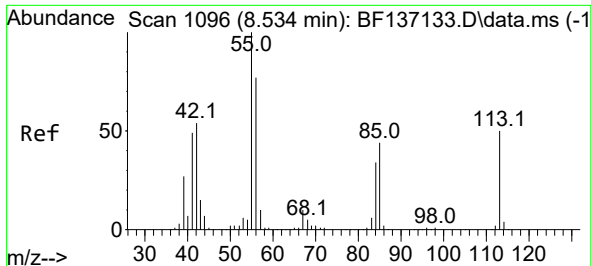
Tgt Ion:	127	Resp:	555887
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	32.5	26.2	39.2
92	20.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.033 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:	225	Resp:	239361
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.4	75.6
227	63.3	52.6	78.8

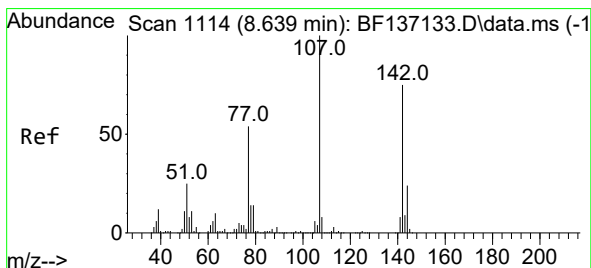
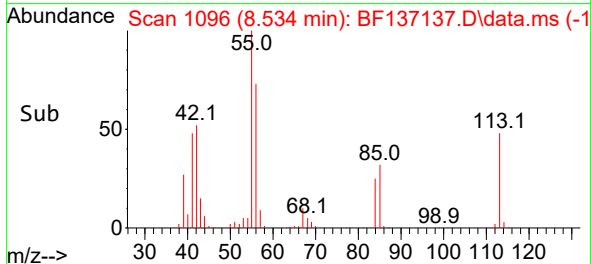
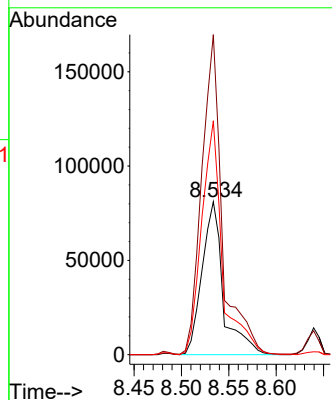
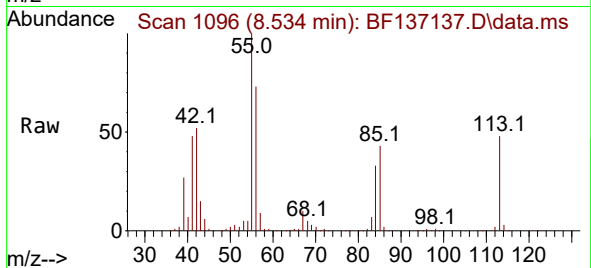




#35
 Caprolactam
 Concen: 44.006 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF137137.D
 Acq: 23 Jan 2024 16:10

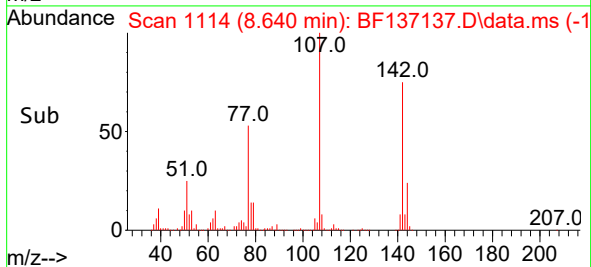
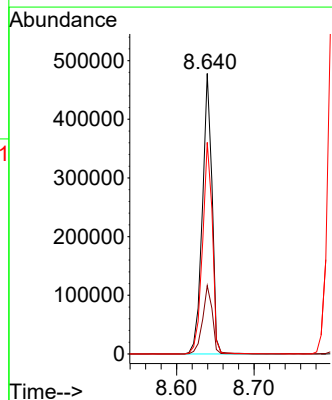
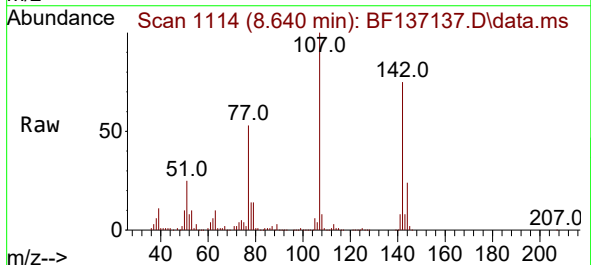
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012324

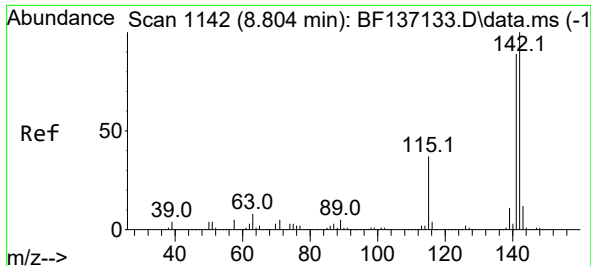
Tgt Ion:113 Resp: 126369
 Ion Ratio Lower Upper
 113 100
 55 209.1 180.7 220.7
 56 152.9 133.9 173.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.837 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF137137.D
 Acq: 23 Jan 2024 16:10

Tgt Ion:107 Resp: 412487
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 75.4 59.8 89.6

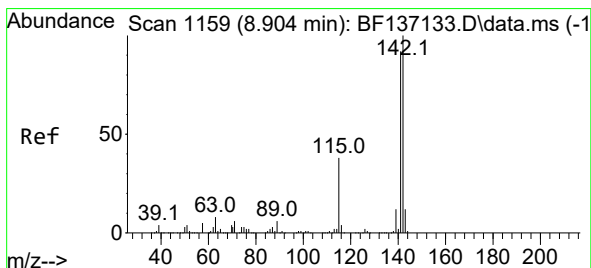
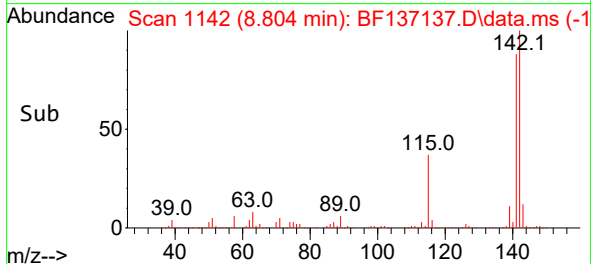
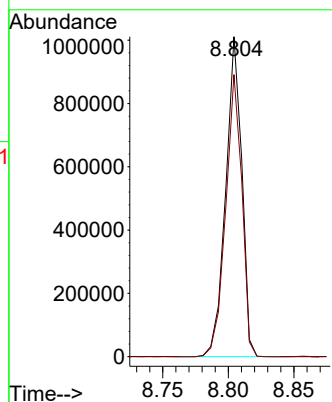
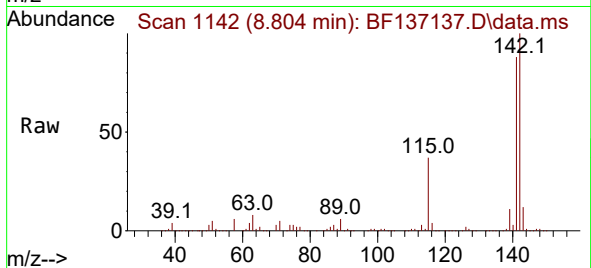




#37
2-Methylnaphthalene
Concen: 39.536 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

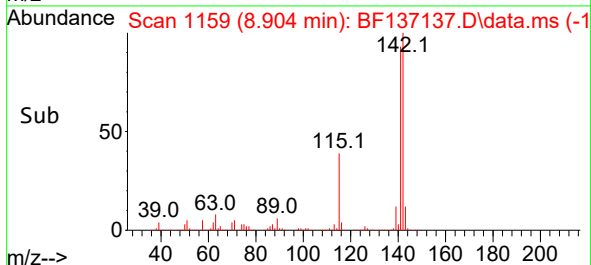
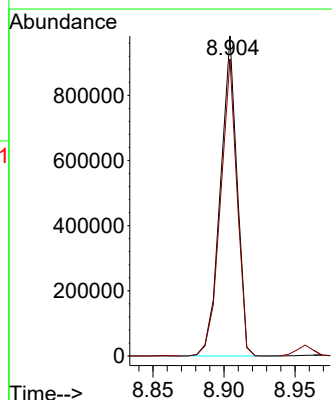
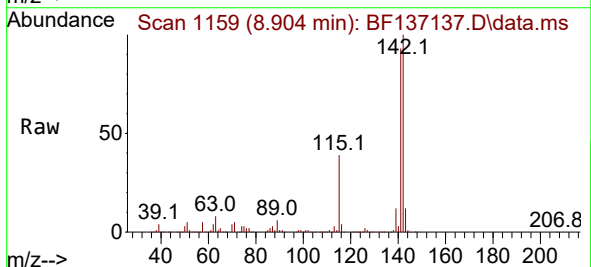
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

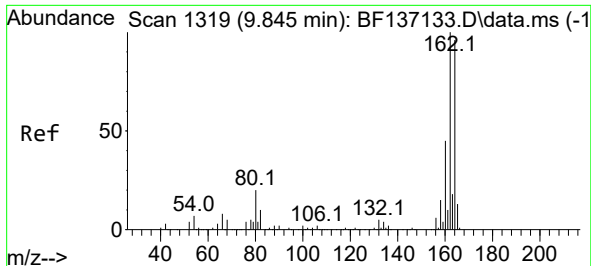
Tgt Ion:142 Resp: 860154
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.470 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:142 Resp: 799338
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0

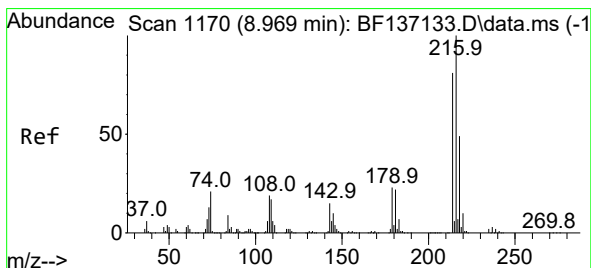
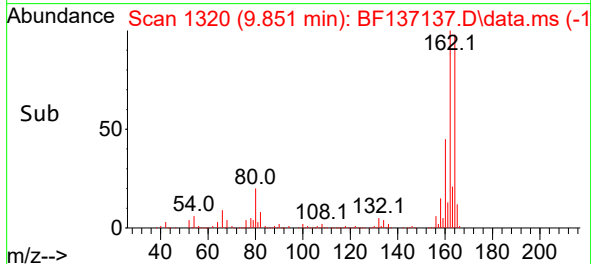
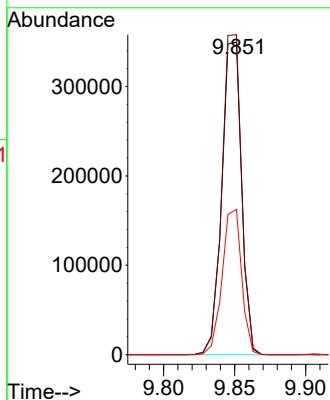
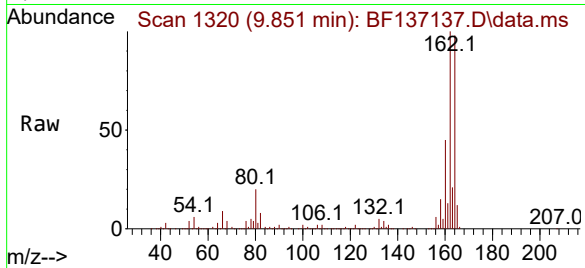




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

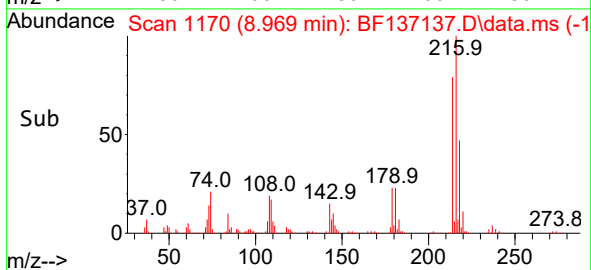
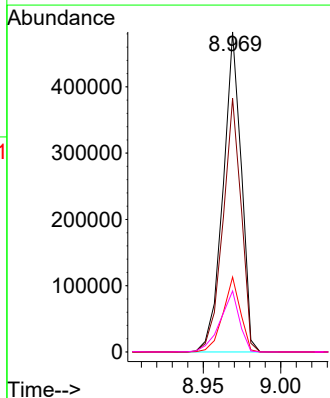
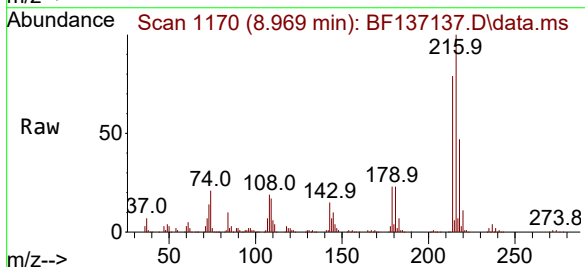
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

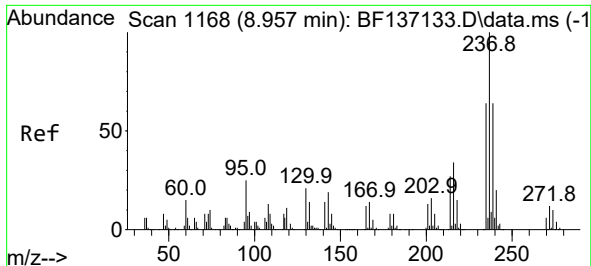
Tgt Ion:164 Resp: 335448
Ion Ratio Lower Upper
164 100
162 102.4 82.9 124.3
160 46.5 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.962 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:216 Resp: 394632
Ion Ratio Lower Upper
216 100
214 79.1 64.1 96.1
179 22.5 18.4 27.6
108 20.1 16.6 24.8

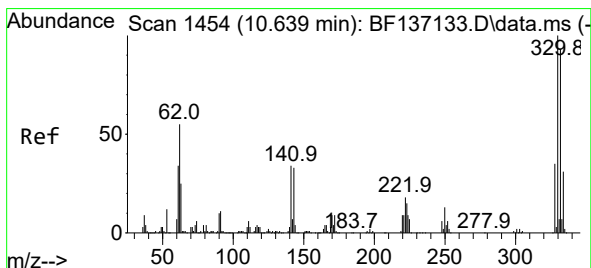
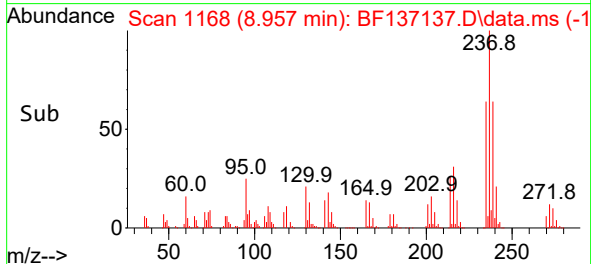
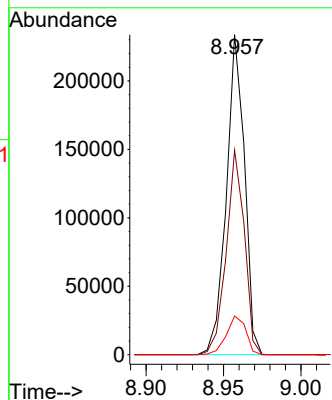
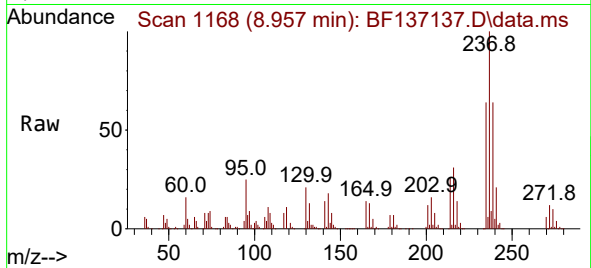




#41
Hexachlorocyclopentadiene
Concen: 44.054 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

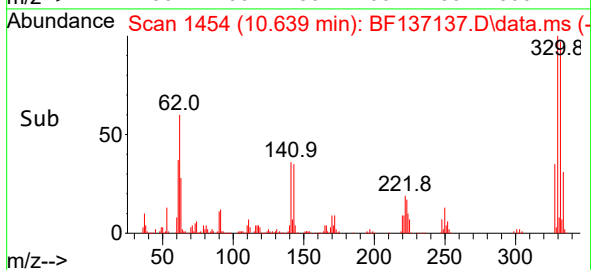
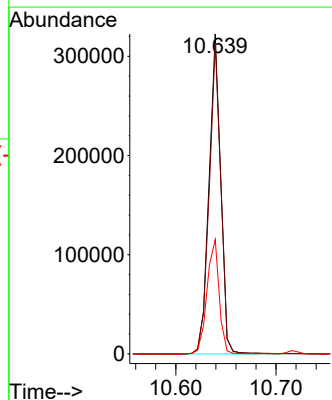
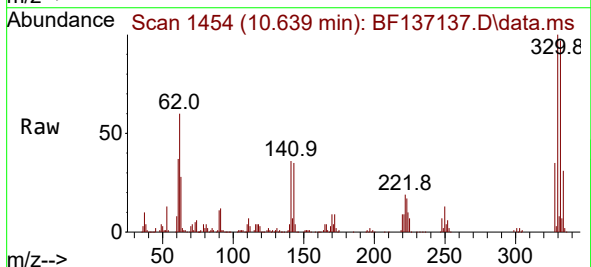
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

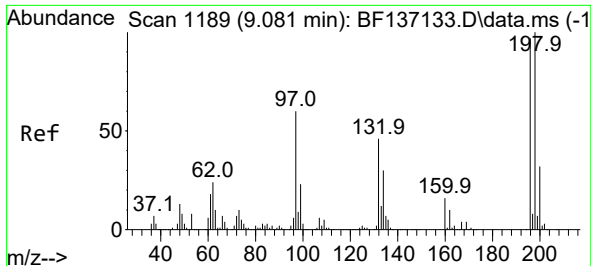
Tgt Ion:237 Resp: 190142
Ion Ratio Lower Upper
237 100
235 63.9 44.0 84.0
272 12.1 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 89.942 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:330 Resp: 263066
Ion Ratio Lower Upper
330 100
332 96.7 74.8 112.2
141 37.2 30.3 45.5

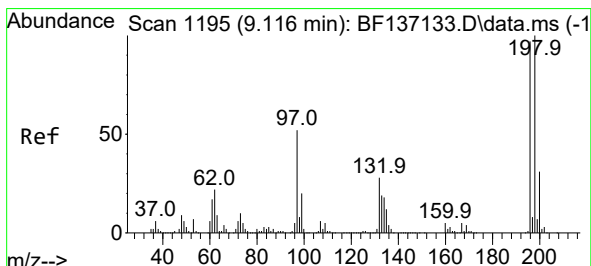
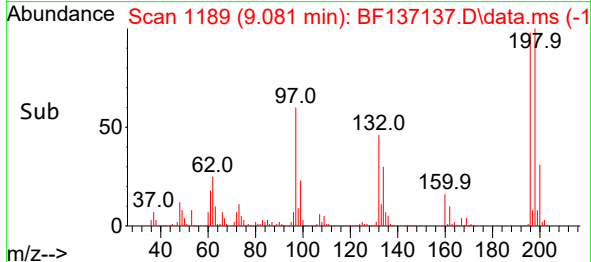
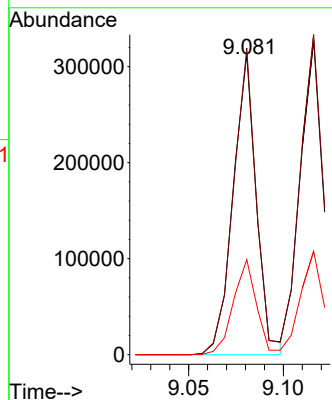
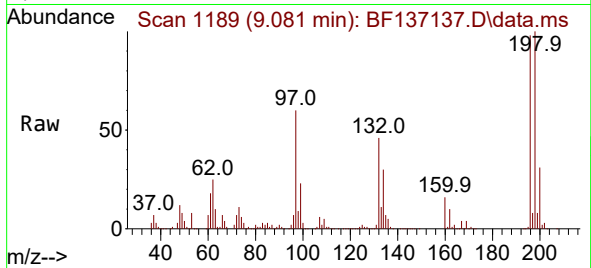




#43
2,4,6-Trichlorophenol
Concen: 43.950 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

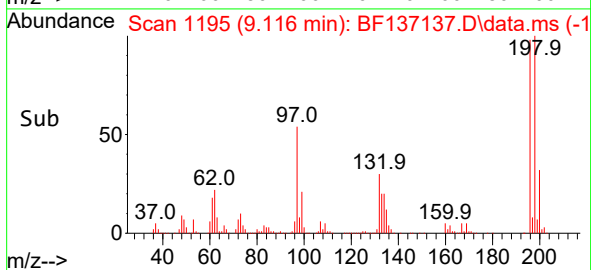
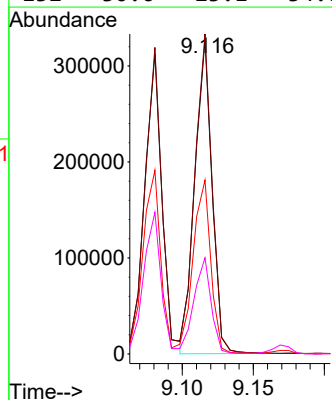
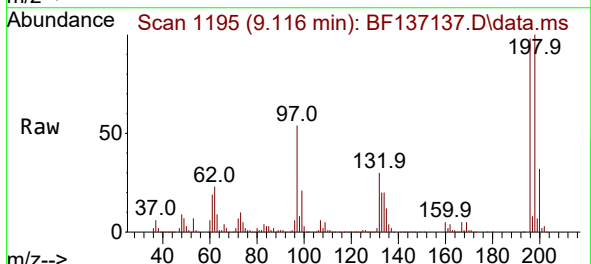
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

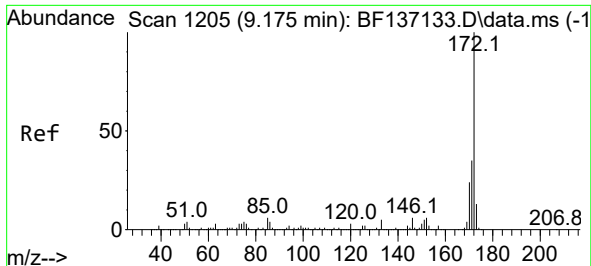
Tgt Ion:196 Resp: 266162
Ion Ratio Lower Upper
196 100
198 102.0 82.9 124.3
200 31.6 26.7 40.1



#44
2,4,5-Trichlorophenol
Concen: 42.496 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:196 Resp: 276651
Ion Ratio Lower Upper
196 100
198 101.8 82.9 124.3
97 55.3 43.0 64.4
132 30.6 23.1 34.7

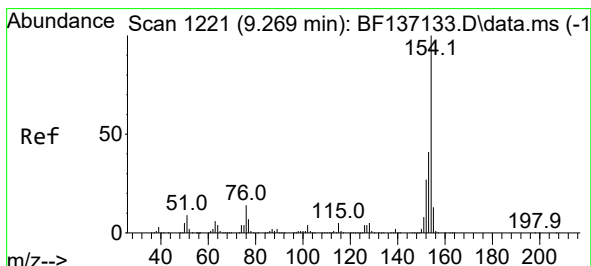
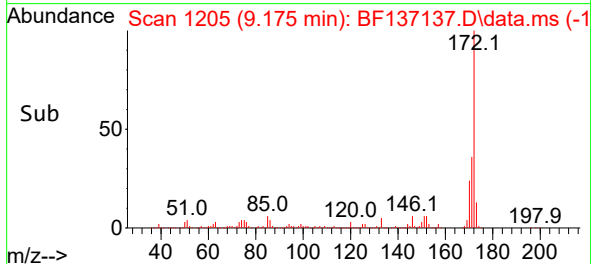
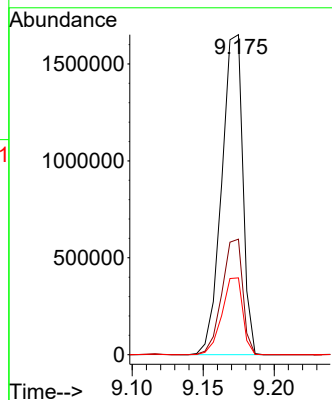
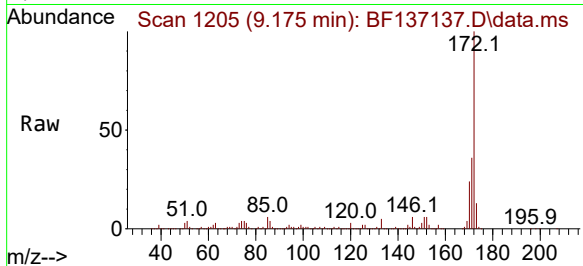




#45
2-Fluorobiphenyl
Concen: 77.536 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

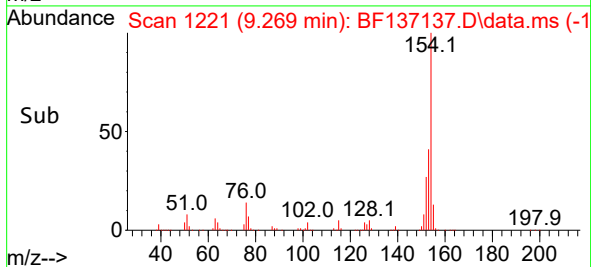
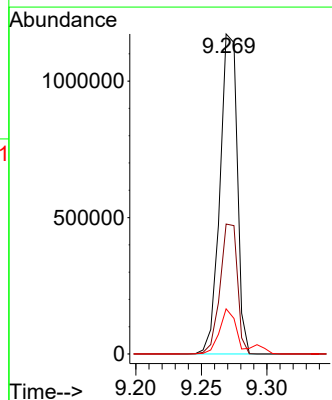
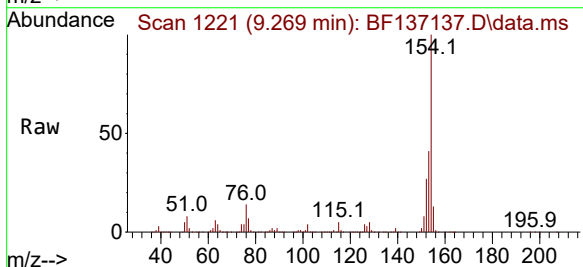
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

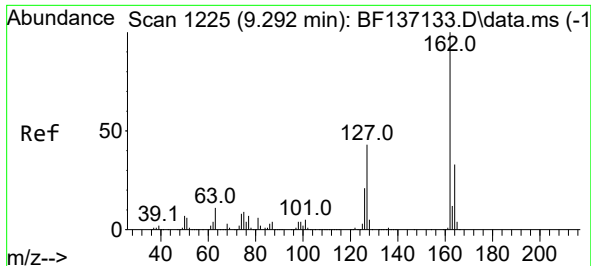
Tgt Ion:172 Resp: 1703044
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.0 19.2 28.8



#46
1,1'-Biphenyl
Concen: 39.748 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:154 Resp: 1073947
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 14.1 0.0 33.9

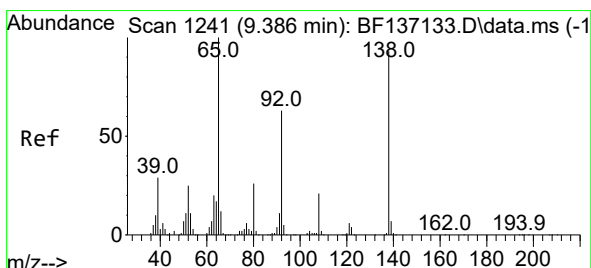
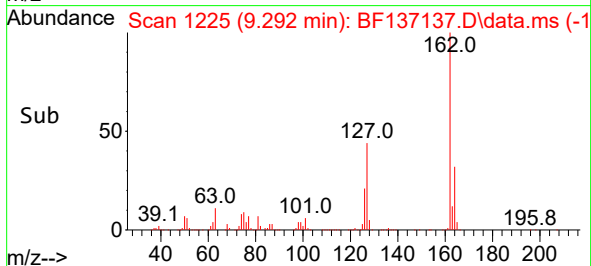
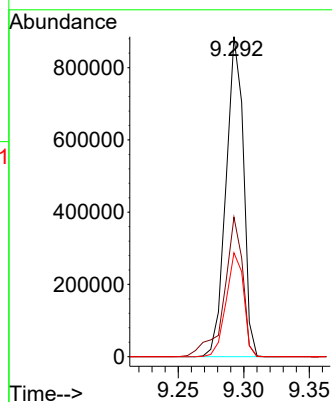
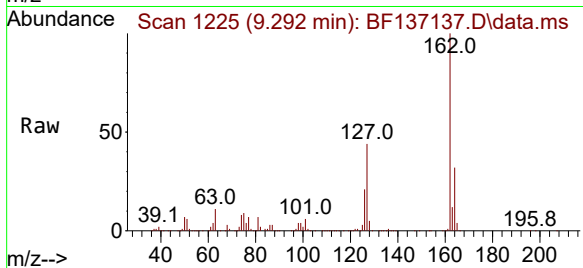




#47
2-Chloronaphthalene
Concen: 39.878 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

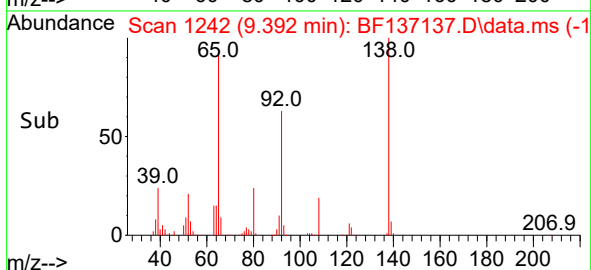
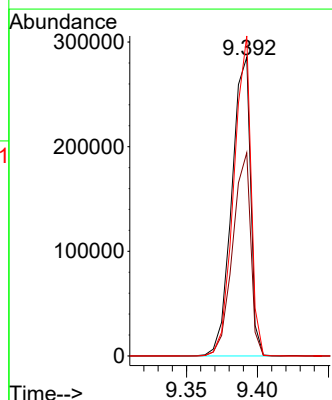
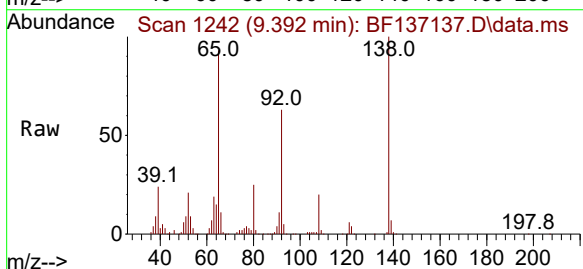
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

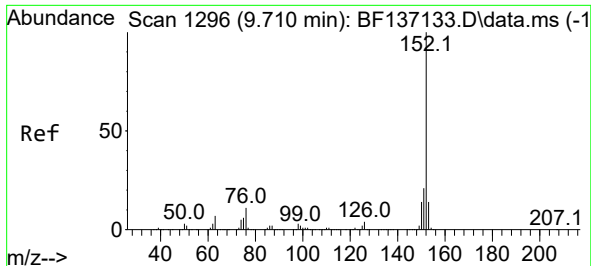
Tgt Ion:162 Resp: 818239
Ion Ratio Lower Upper
162 100
127 43.6 34.6 51.8
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 43.707 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion: 65 Resp: 262066
Ion Ratio Lower Upper
65 100
92 68.0 50.6 76.0
138 107.1 74.4 111.6

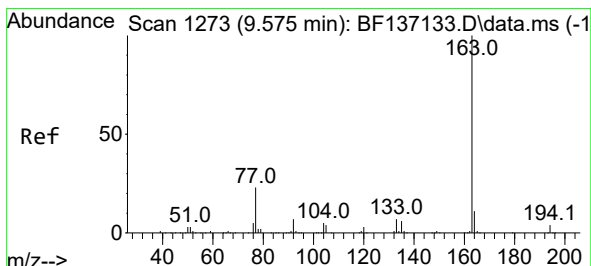
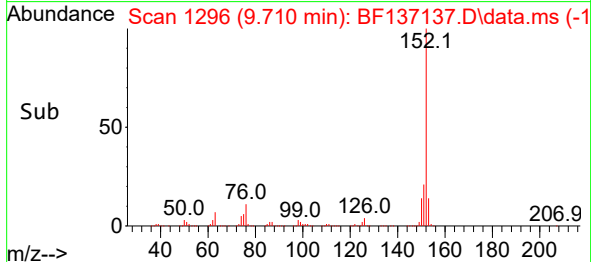
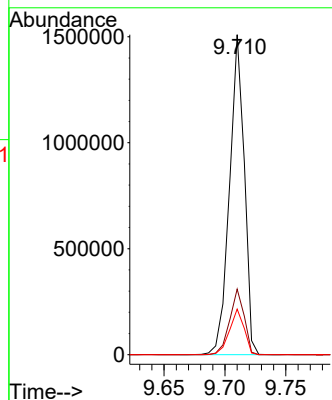
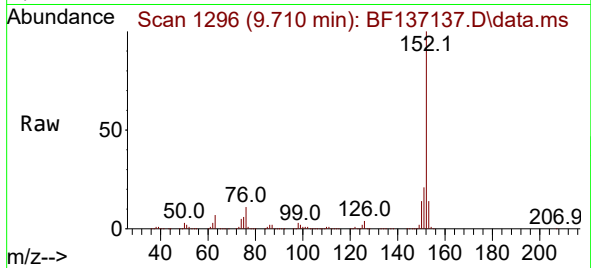




#49
Acenaphthylene
Concen: 40.139 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

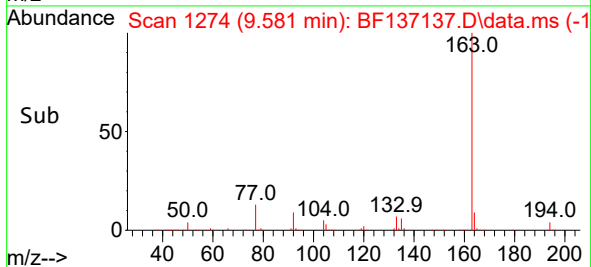
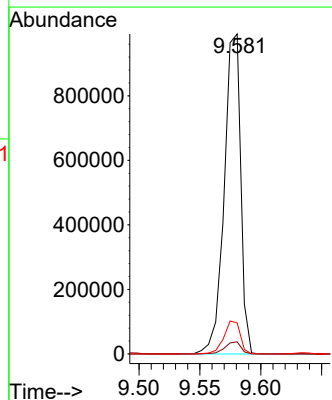
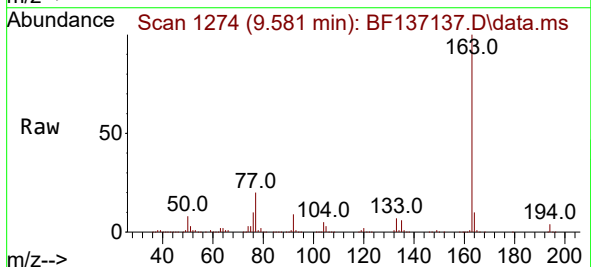
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

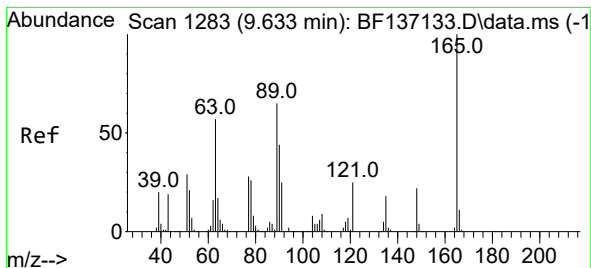
Tgt Ion:152 Resp: 1277797
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.3 11.2 16.8



#50
Dimethylphthalate
Concen: 40.223 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:163 Resp: 939499
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.7 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 45.287 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.001 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

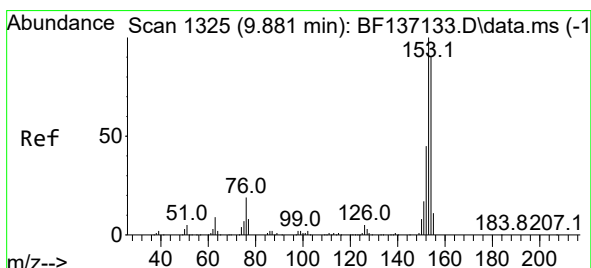
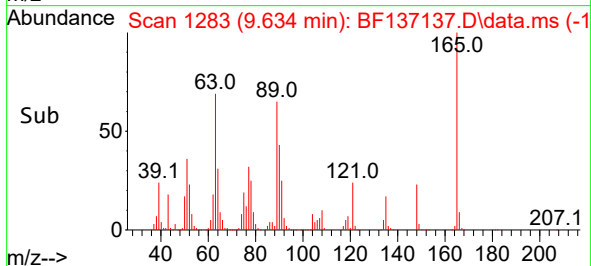
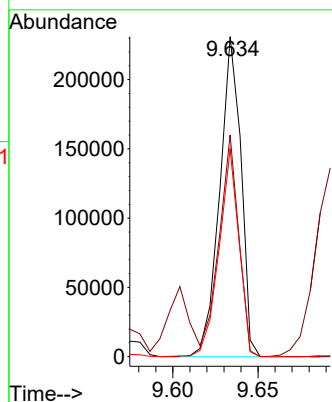
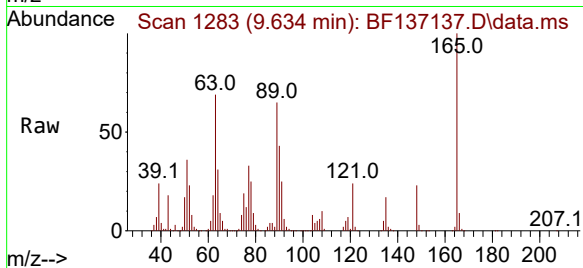
Tgt Ion:165 Resp: 200497

Ion Ratio Lower Upper

165 100

63 69.3 56.6 85.0

89 65.0 52.2 78.2



#52

Acenaphthene

Concen: 40.176 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

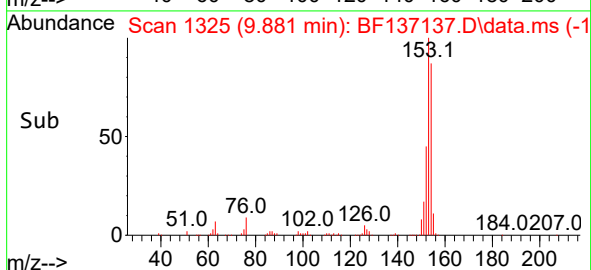
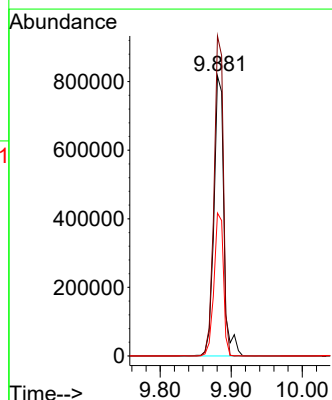
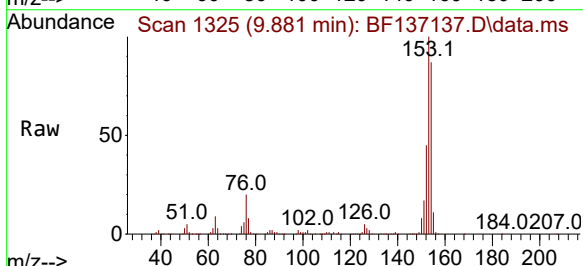
Tgt Ion:154 Resp: 794963

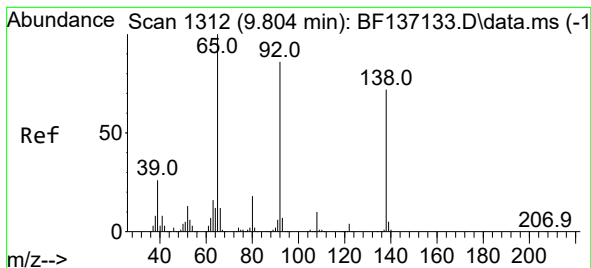
Ion Ratio Lower Upper

154 100

153 114.3 89.0 133.4

152 51.0 40.0 60.0

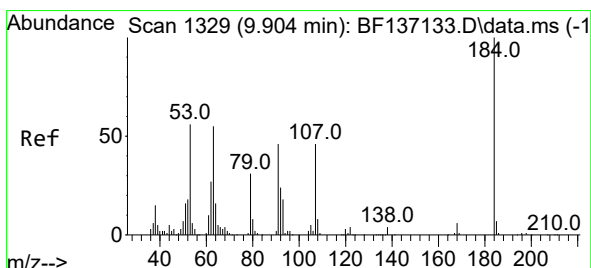
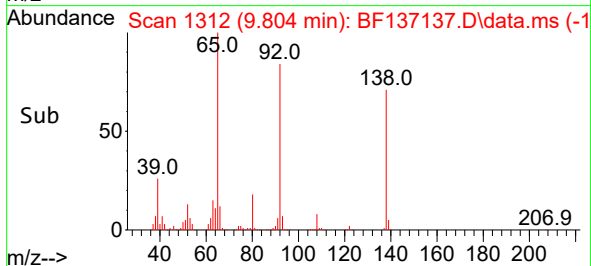
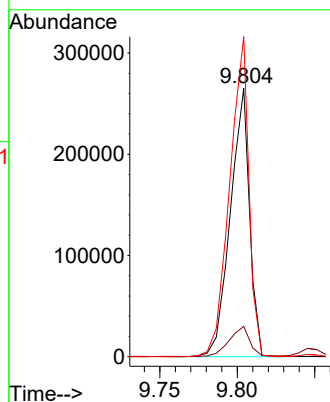
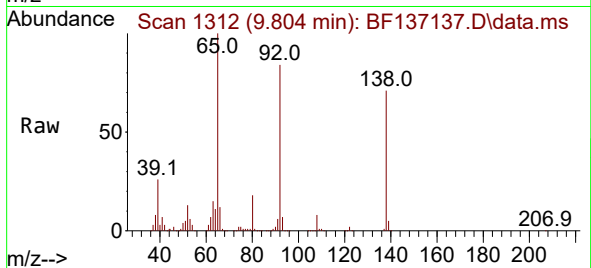




#53
3-Nitroaniline
Concen: 44.339 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

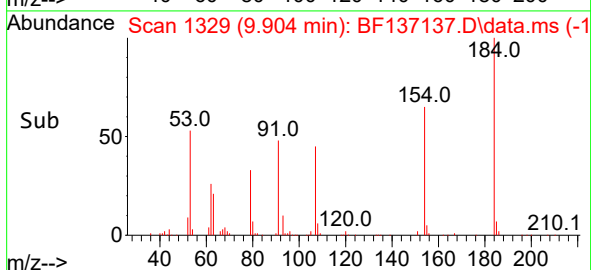
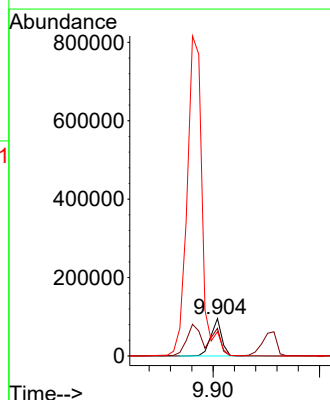
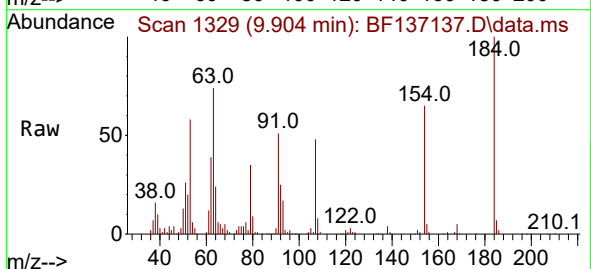
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

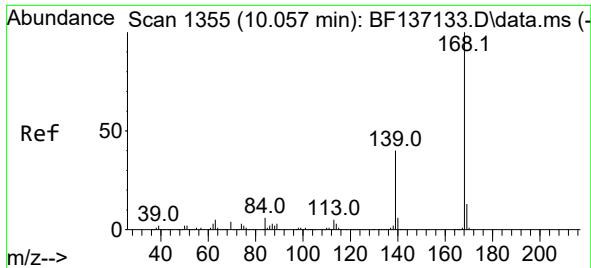
Tgt Ion:138 Resp: 227912
Ion Ratio Lower Upper
138 100
108 11.3 10.9 16.3
92 119.2 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 46.619 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:184 Resp: 68240
Ion Ratio Lower Upper
184 100
63 74.0 56.2 84.2
154 64.8 50.8 76.2

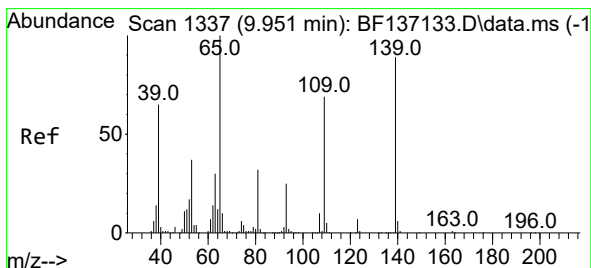
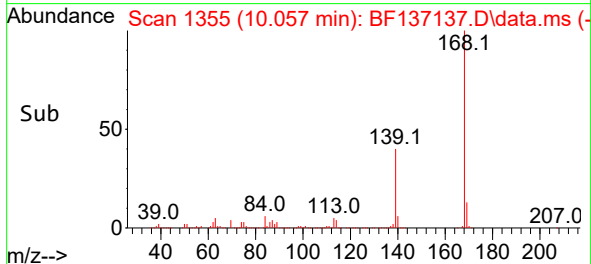
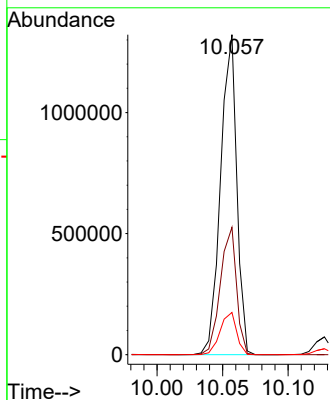
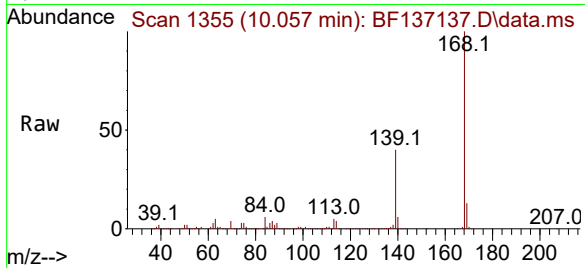




#55
Dibenzenofuran
Concen: 39.904 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

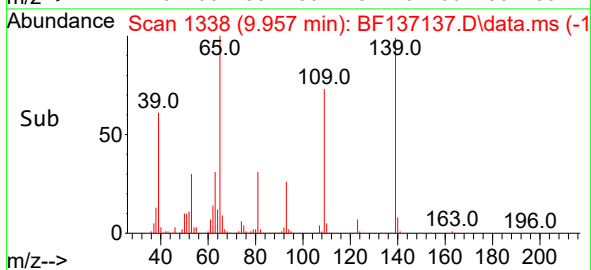
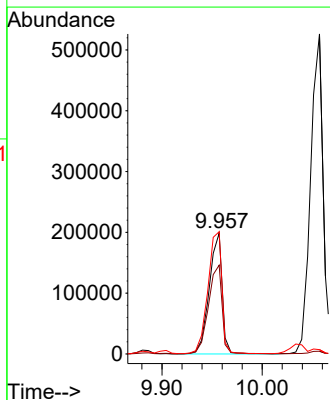
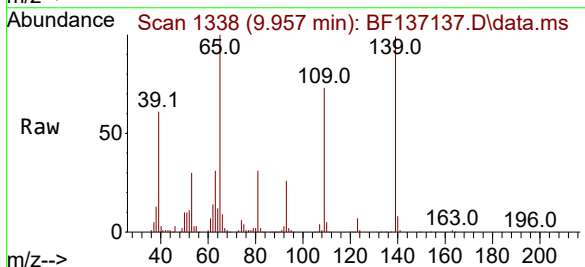
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

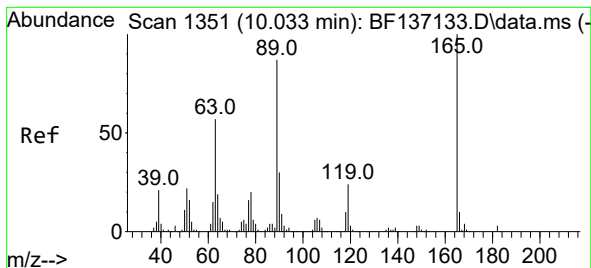
Tgt Ion:168 Resp: 1130812
Ion Ratio Lower Upper
168 100
139 39.8 31.7 47.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 47.455 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:139 Resp: 180059
Ion Ratio Lower Upper
139 100
109 73.5 57.7 97.7
65 101.2 92.1 132.1

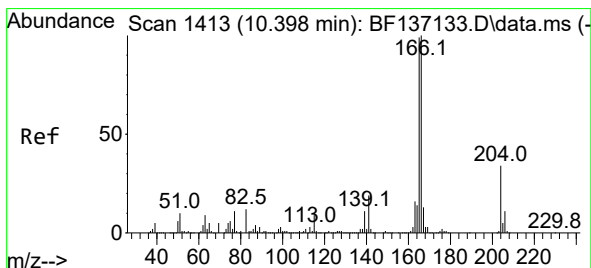
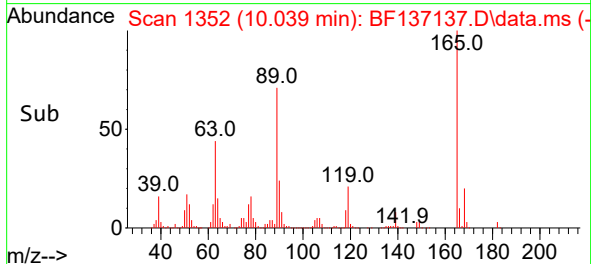
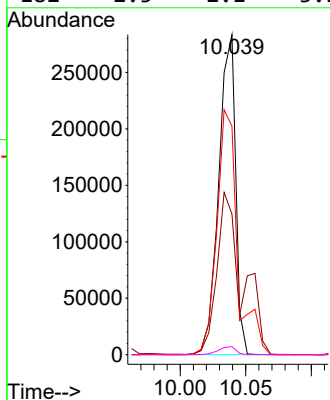
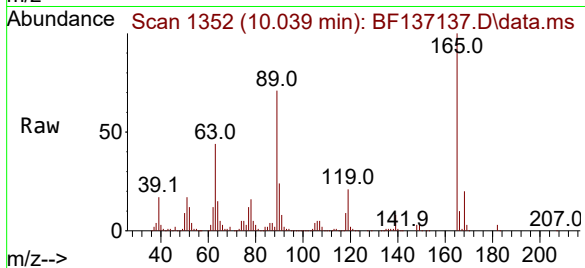




#57
2,4-Dinitrotoluene
Concen: 45.550 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

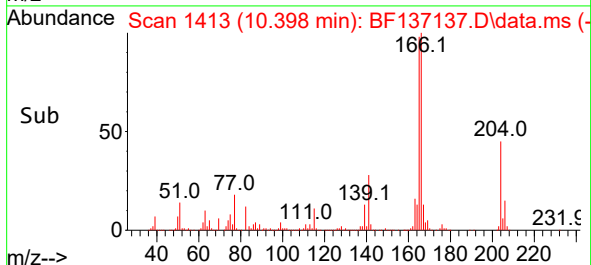
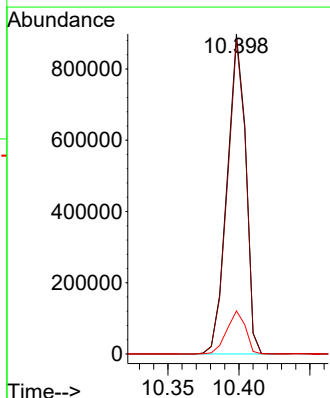
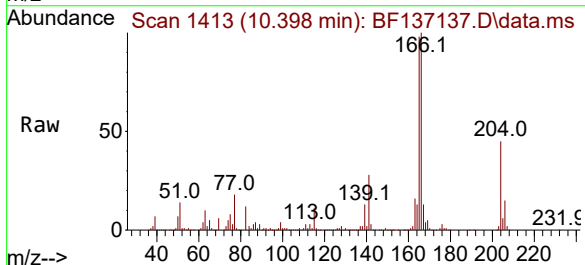
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

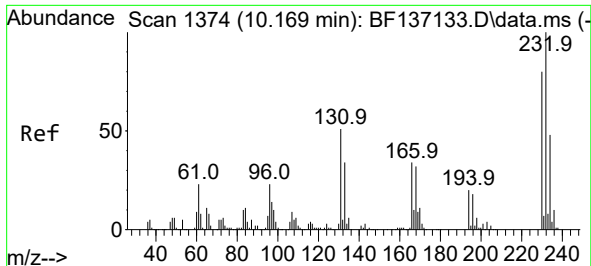
Tgt Ion:165 Resp: 253281
Ion Ratio Lower Upper
165 100
63 43.9 45.5 68.3#
89 71.4 69.4 104.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.750 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:166 Resp: 816265
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.735 ng

RT: 10.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

Tgt Ion:232 Resp: 234564

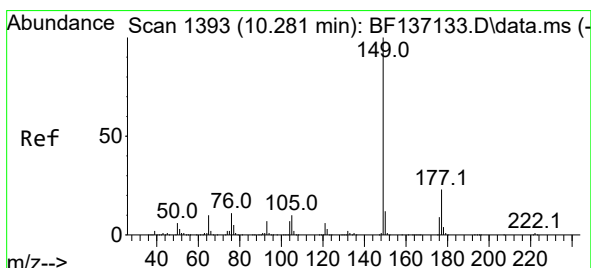
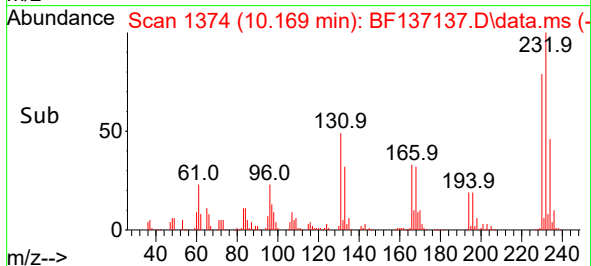
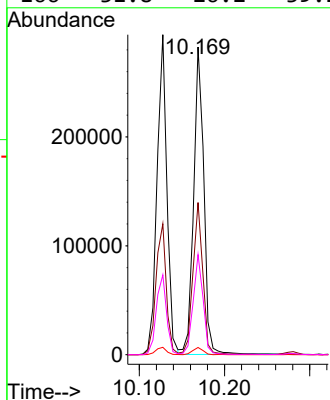
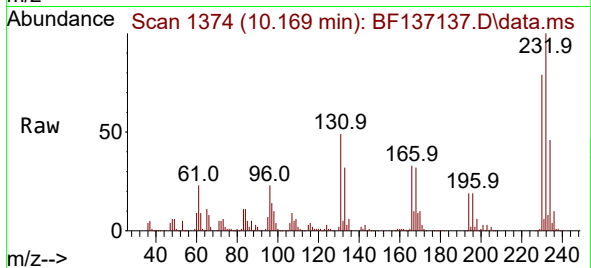
Ion Ratio Lower Upper

232 100

131 47.9 39.8 59.6

130 2.4 2.1 3.1

166 31.8 26.2 39.2



#60

Diethylphthalate

Concen: 41.258 ng

RT: 10.281 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

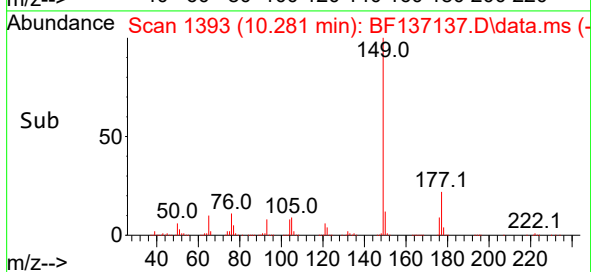
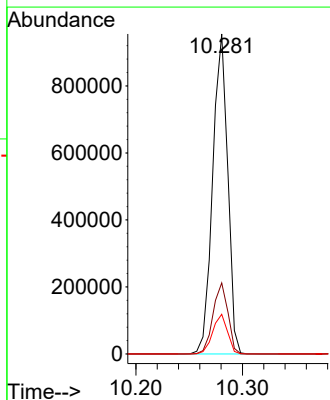
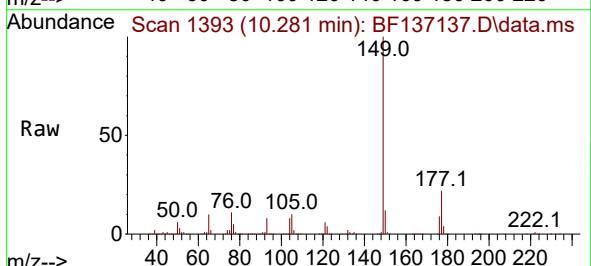
Tgt Ion:149 Resp: 932968

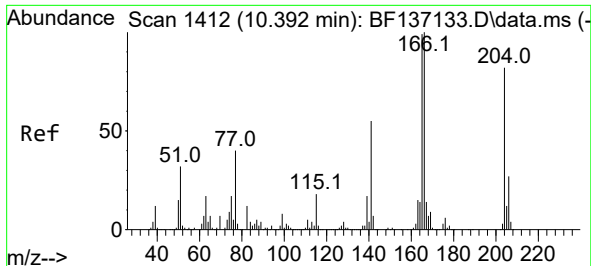
Ion Ratio Lower Upper

149 100

177 22.2 18.2 27.2

150 12.4 9.9 14.9

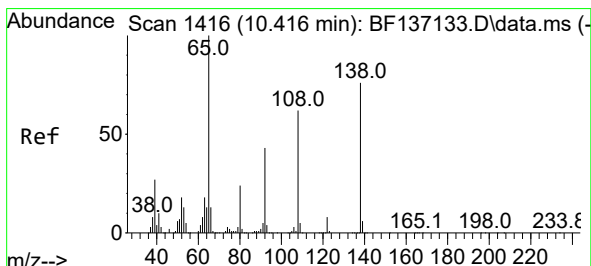
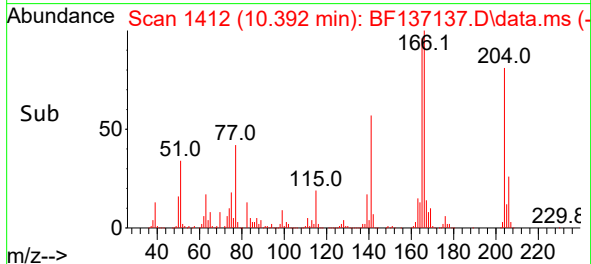
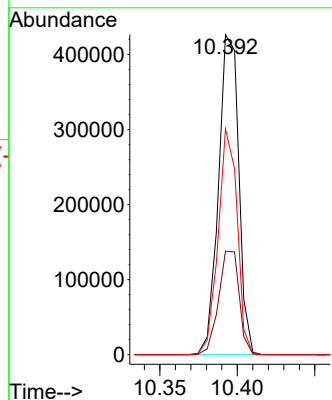
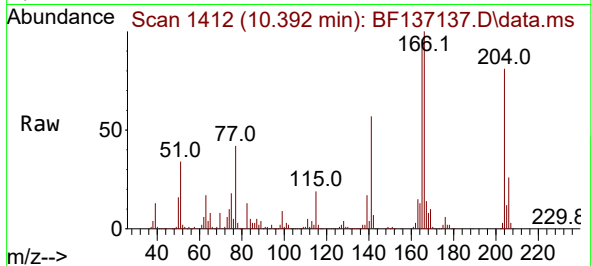




#61
4-Chlorophenyl-phenylether
Concen: 37.949 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

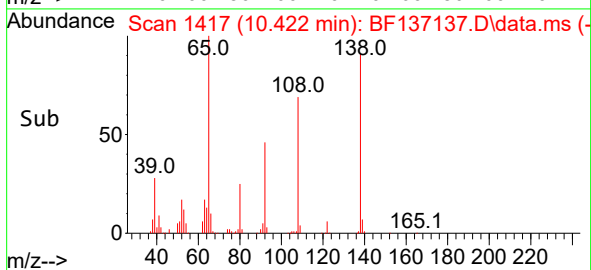
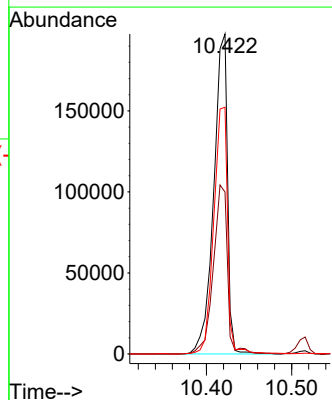
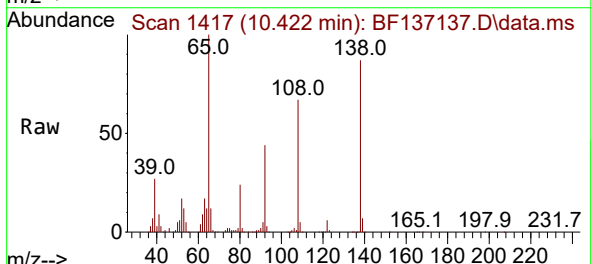
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

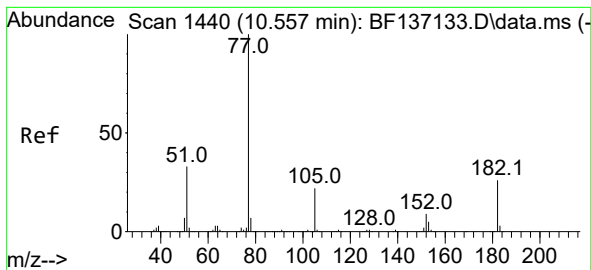
Tgt Ion:204 Resp: 387518
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 70.6 54.1 81.1



#62
4-Nitroaniline
Concen: 43.813 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:138 Resp: 222174
Ion Ratio Lower Upper
138 100
92 50.6 35.9 75.9
108 77.1 61.2 101.2





#63

Azobenzene

Concen: 40.335 ng

RT: 10.557 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

Tgt Ion: 77 Resp: 982987

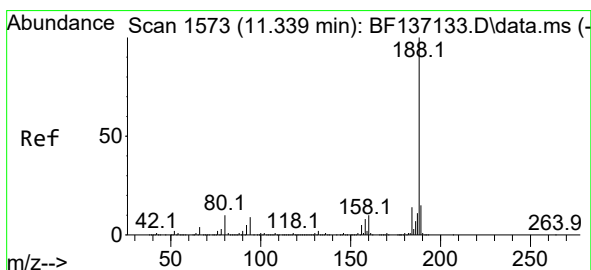
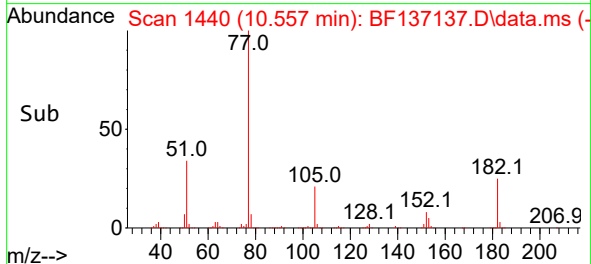
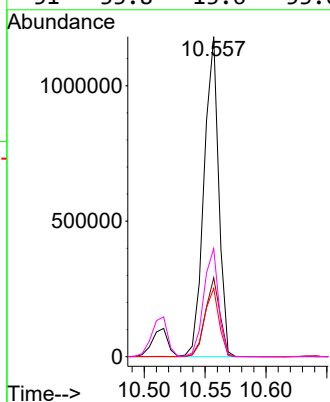
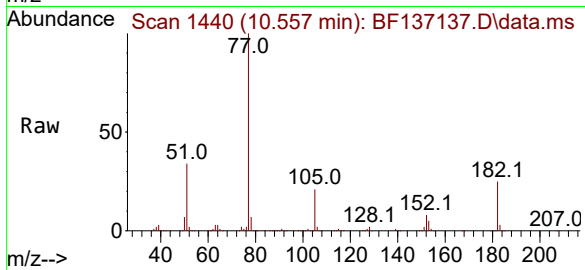
Ion Ratio Lower Upper

77 100

182 24.6 6.3 46.3

105 21.4 1.7 41.7

51 33.8 13.6 53.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

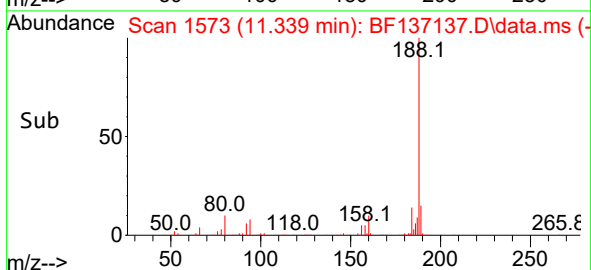
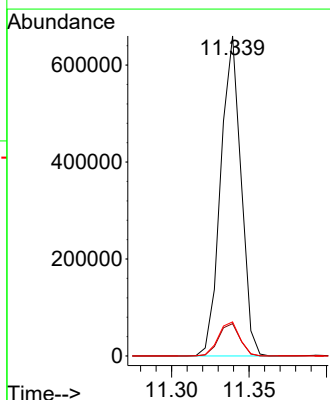
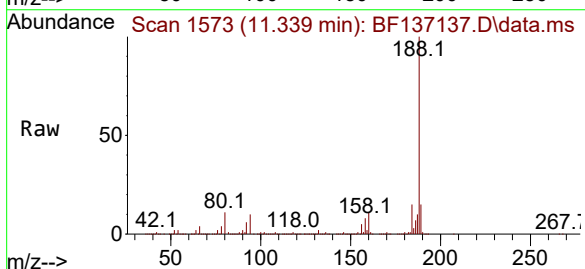
Tgt Ion: 188 Resp: 601819

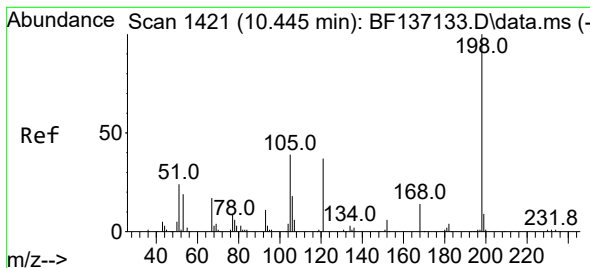
Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

80 10.7 8.3 12.5

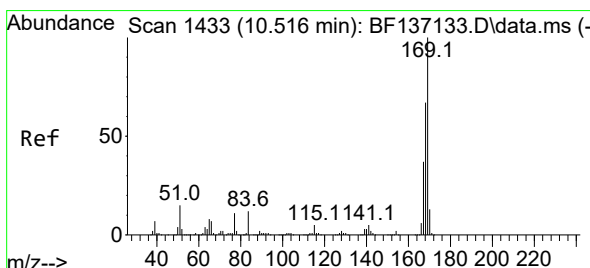
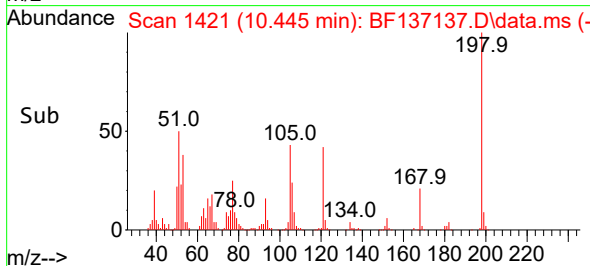
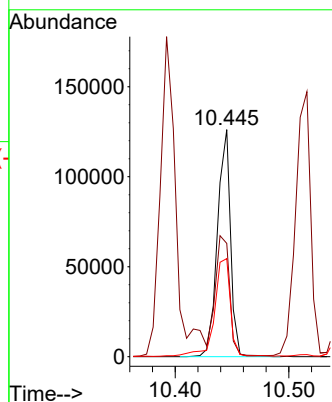
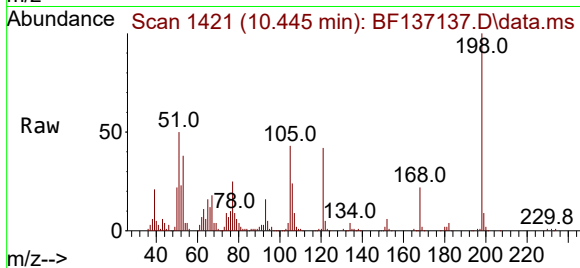




#65
4,6-Dinitro-2-methylphenol
Concen: 44.501 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

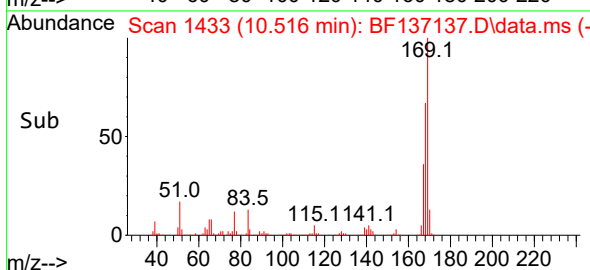
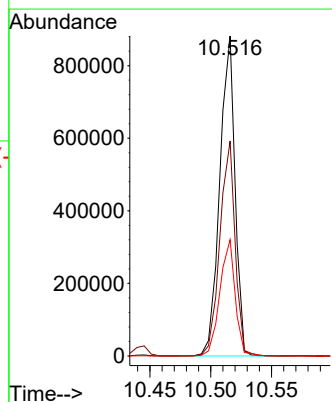
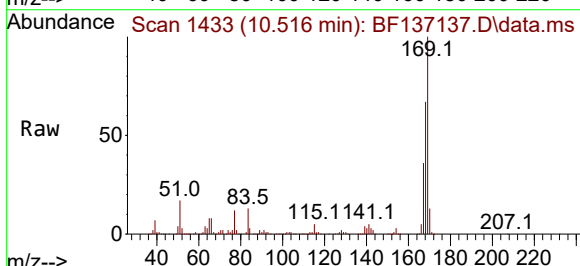
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

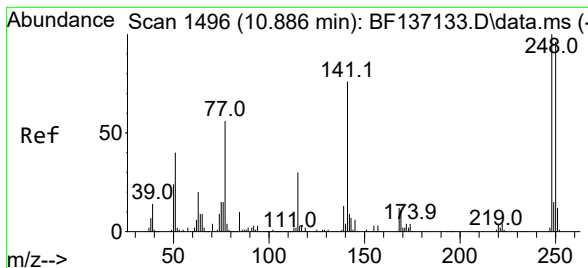
Tgt Ion:198 Resp: 100652
Ion Ratio Lower Upper
198 100
51 49.9 24.2 64.2
105 43.2 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 40.588 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:169 Resp: 769608
Ion Ratio Lower Upper
169 100
168 67.2 53.5 80.3
167 36.4 29.5 44.3

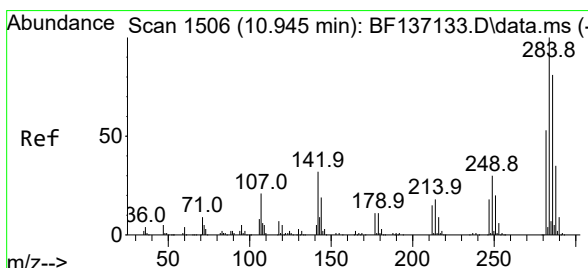
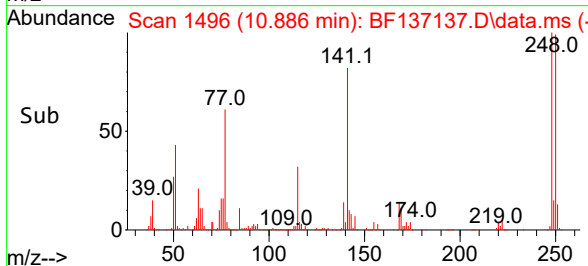
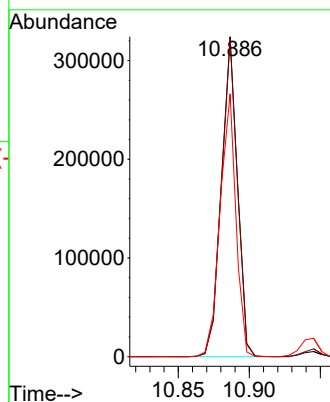
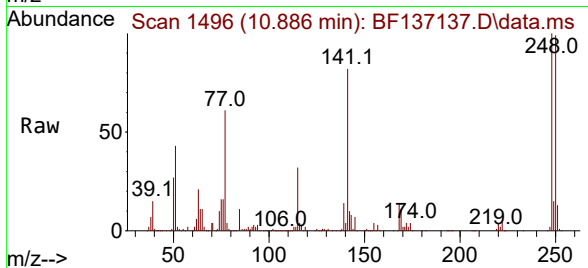




#67
4-Bromophenyl-phenylether
Concen: 40.869 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

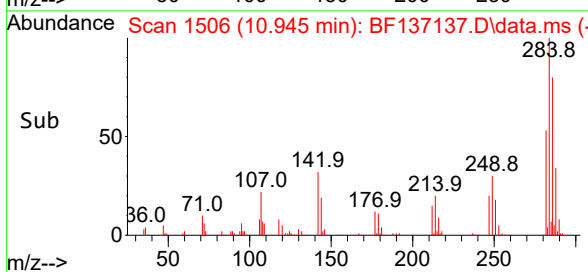
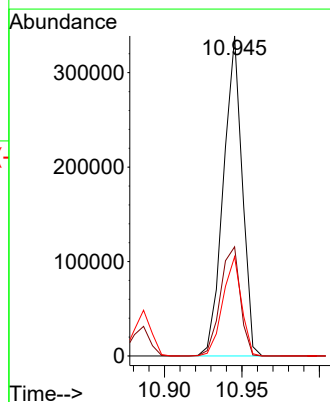
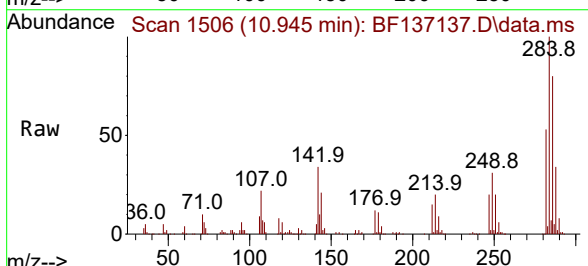
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

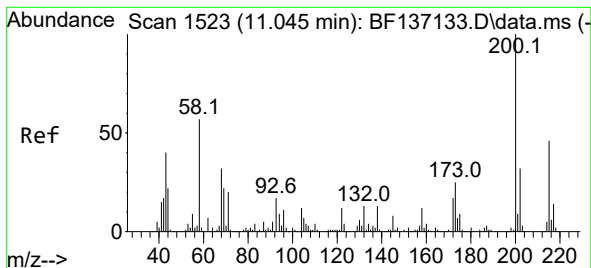
Tgt Ion:248 Resp: 254699
Ion Ratio Lower Upper
248 100
250 99.2 77.1 115.7
141 82.2 60.7 91.1



#68
Hexachlorobenzene
Concen: 40.777 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:284 Resp: 285408
Ion Ratio Lower Upper
284 100
142 34.1 25.8 38.8
249 31.0 23.9 35.9





#69

Atrazine

Concen: 42.457 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

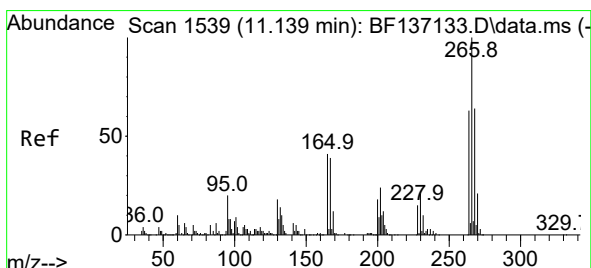
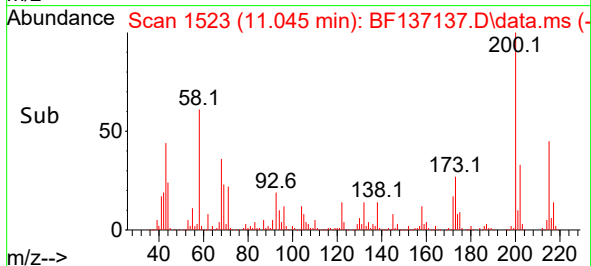
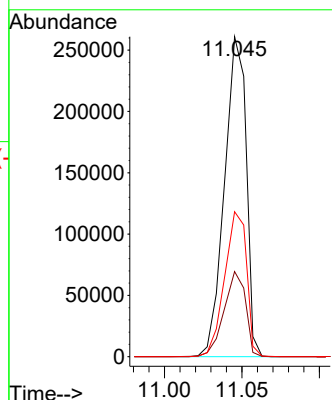
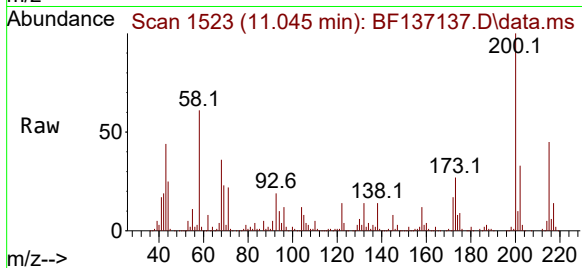
Tgt Ion:200 Resp: 254093

Ion Ratio Lower Upper

200 100

173 26.6 5.1 45.1

215 45.3 25.6 65.6



#70

Pentachlorophenol

Concen: 48.364 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

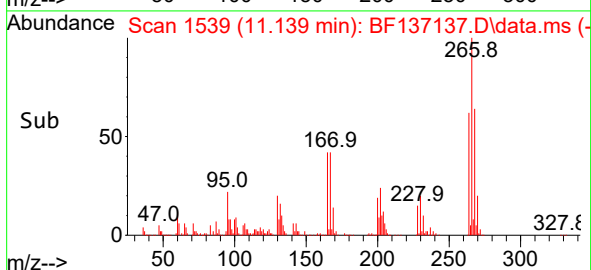
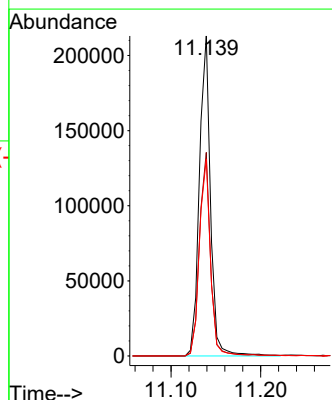
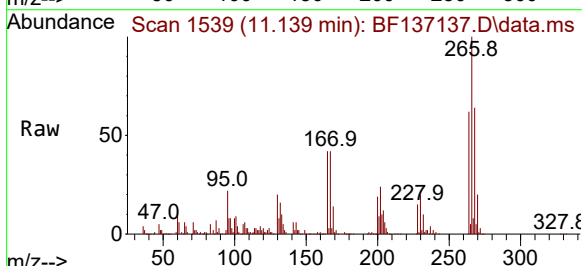
Tgt Ion:266 Resp: 183303

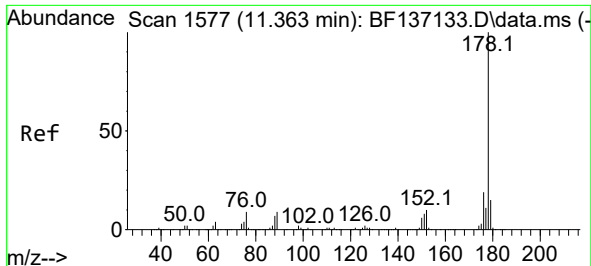
Ion Ratio Lower Upper

266 100

268 63.6 51.5 77.3

264 61.6 50.2 75.4

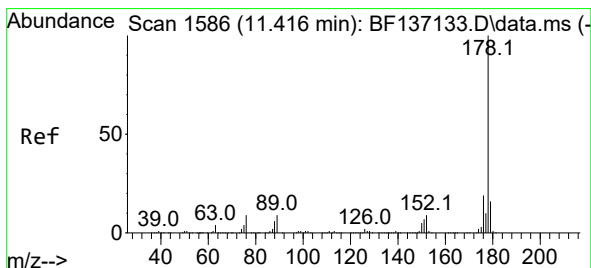
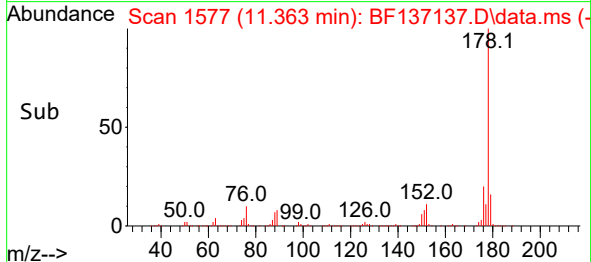
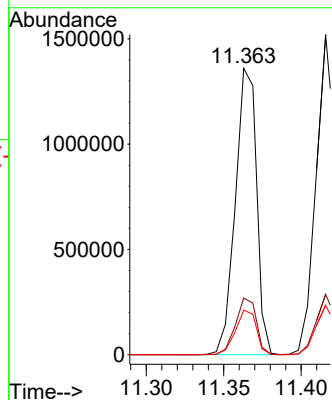
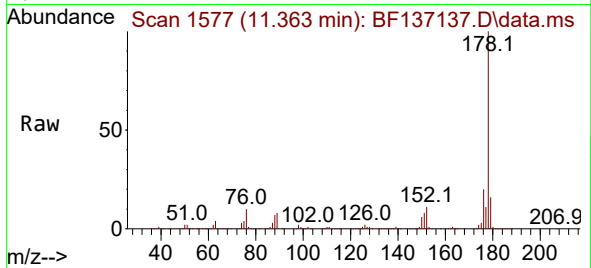




#71
Phenanthrene
Concen: 40.213 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

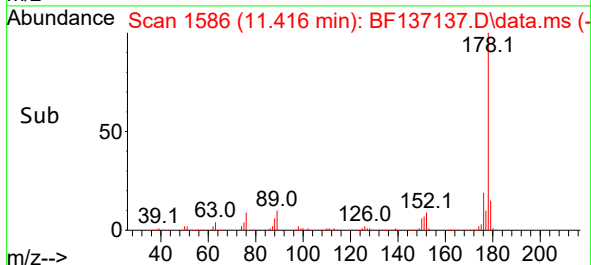
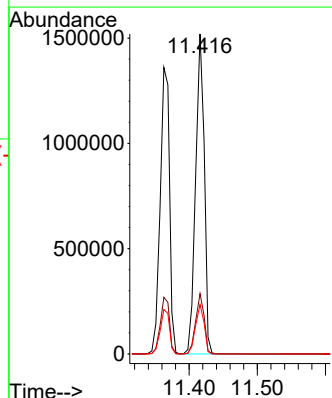
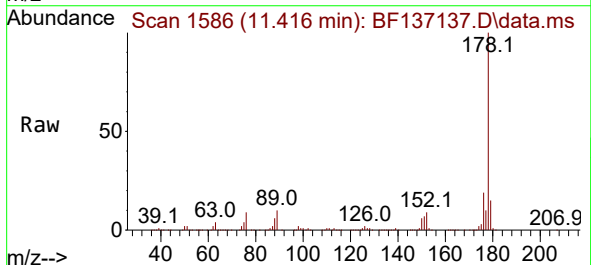
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

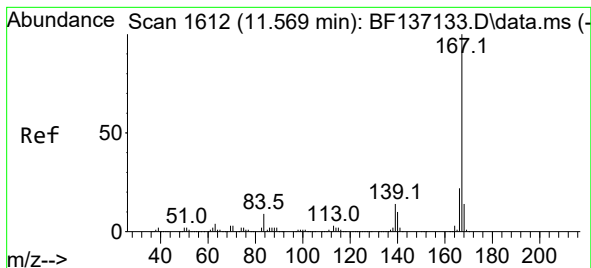
Tgt Ion:178 Resp: 1296450
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.528 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:178 Resp: 1328701
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.4 18.6





#73

Carbazole

Concen: 40.750 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

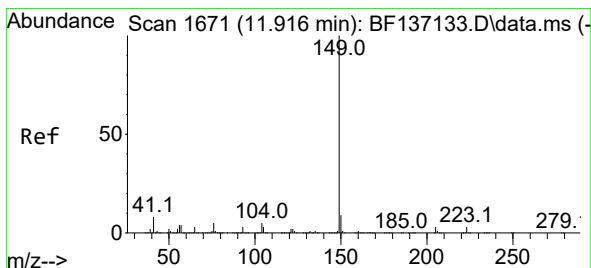
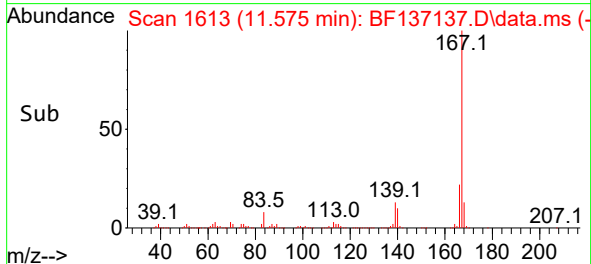
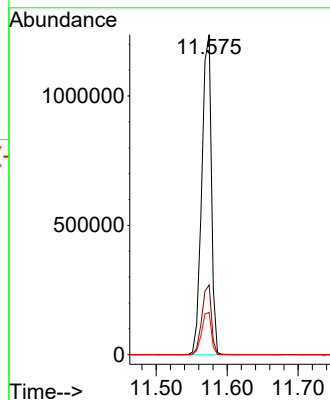
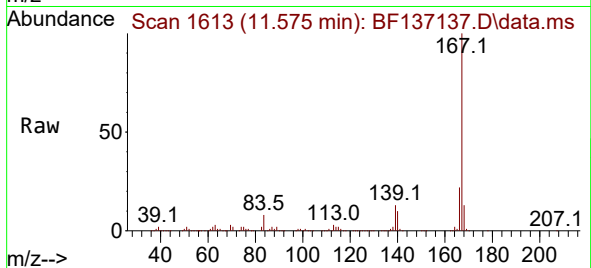
Tgt Ion:167 Resp: 1166877

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 13.2 11.2 16.8



#74

Di-n-butylphthalate

Concen: 42.669 ng

RT: 11.916 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

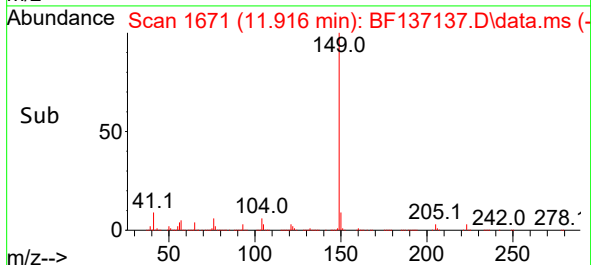
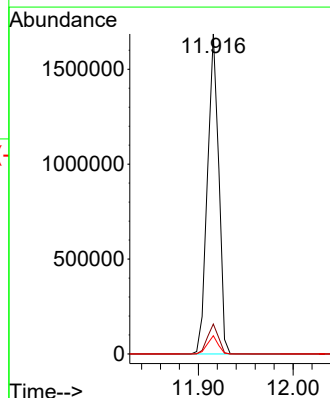
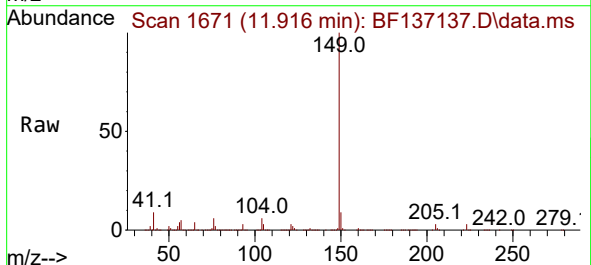
Tgt Ion:149 Resp: 1386075

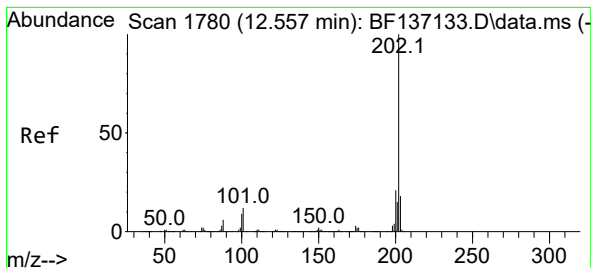
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.7 4.2 6.2

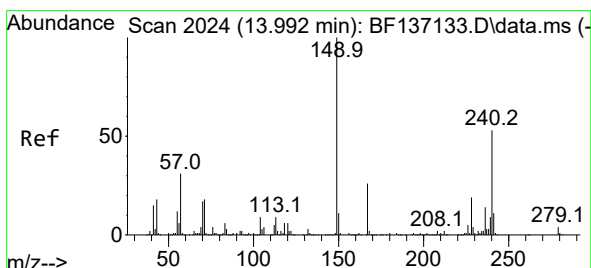
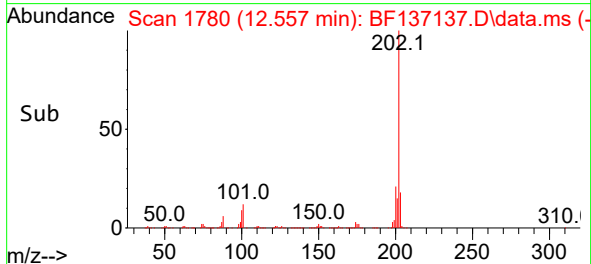
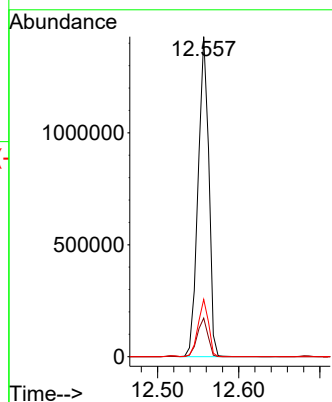
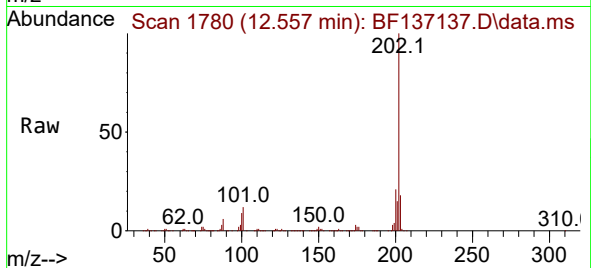




#75
Fluoranthene
Concen: 40.912 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

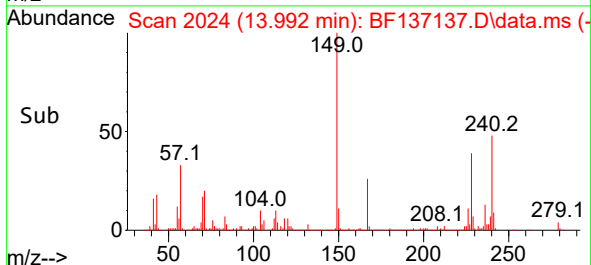
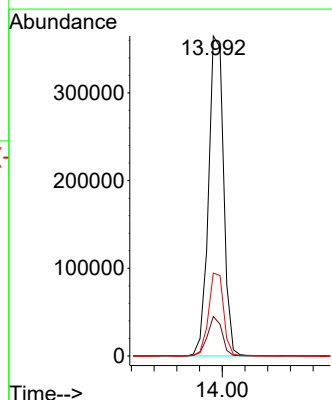
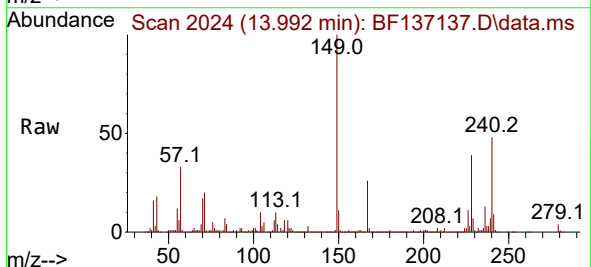
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

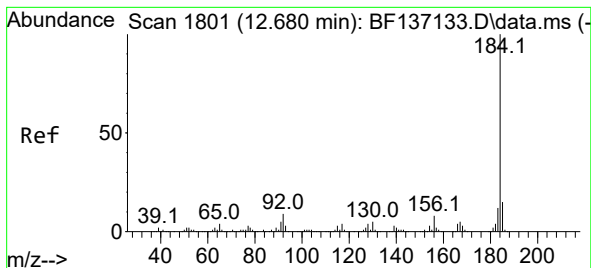
Tgt Ion:202 Resp: 1311323
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:240 Resp: 335239
Ion Ratio Lower Upper
240 100
120 12.3 9.6 14.4
236 25.9 21.4 32.2





#77

Benzidine

Concen: 43.305 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

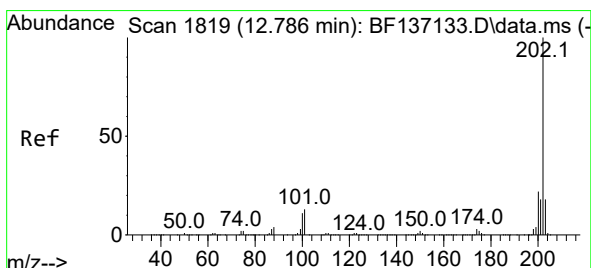
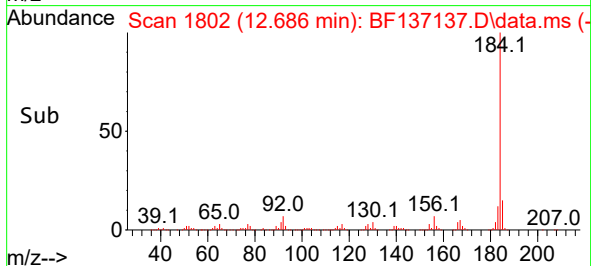
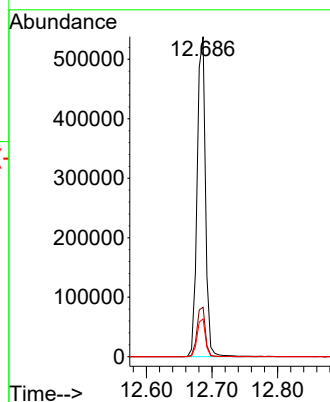
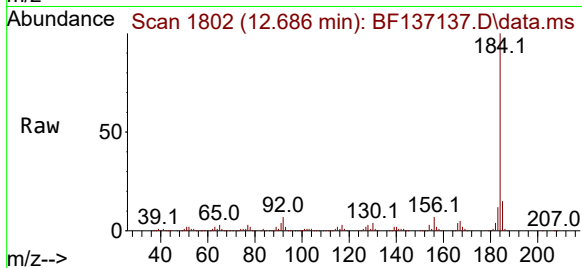
Tgt Ion:184 Resp: 477523

Ion Ratio Lower Upper

184 100

185 15.4 12.1 18.1

183 11.8 9.8 14.8



#78

Pyrene

Concen: 41.057 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

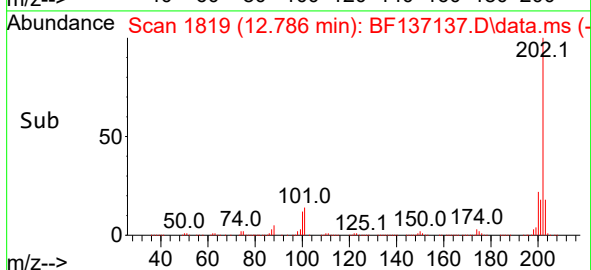
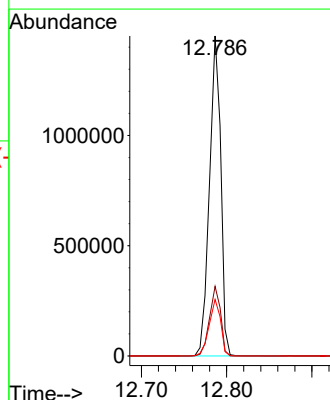
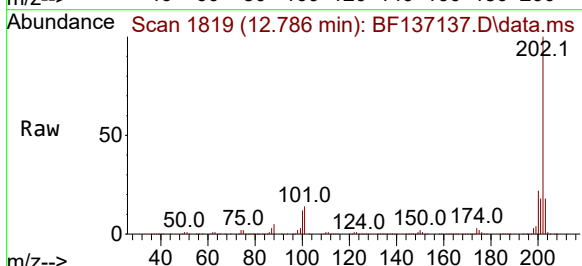
Tgt Ion:202 Resp: 1334850

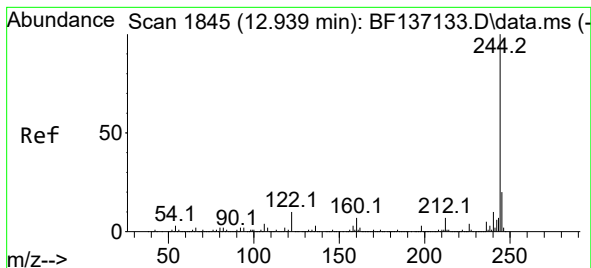
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 80.450 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

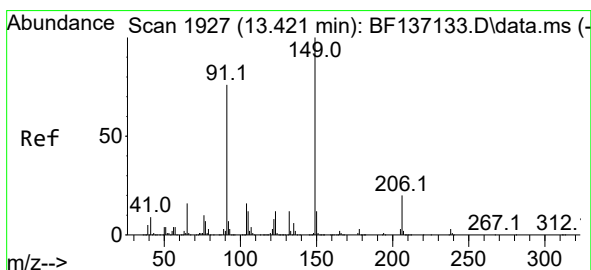
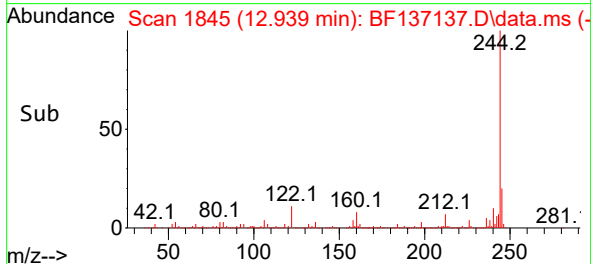
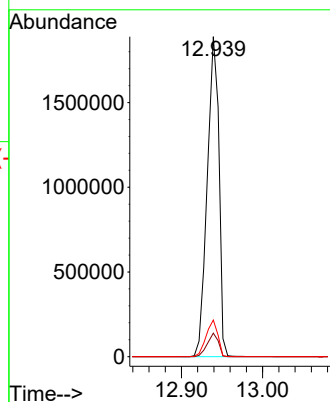
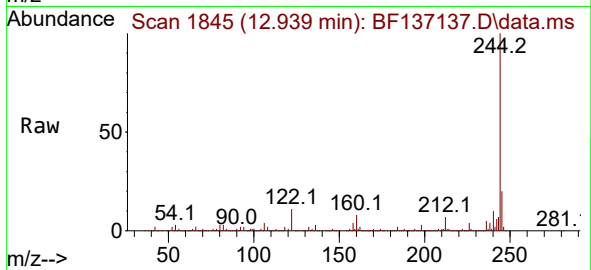
Tgt Ion:244 Resp: 1886076

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 41.167 ng

RT: 13.422 min Scan# 1927

Delta R.T. 0.001 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

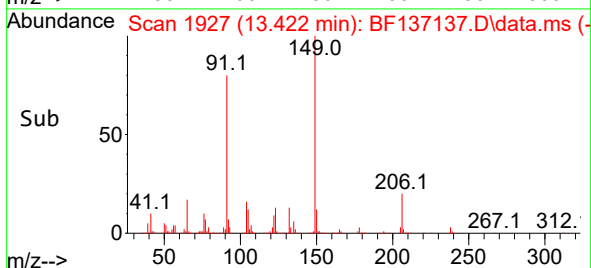
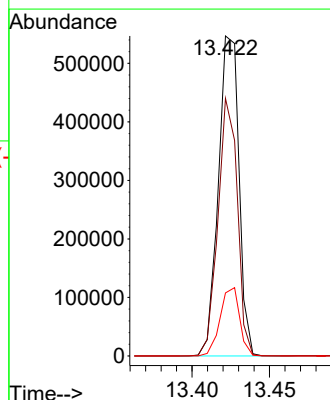
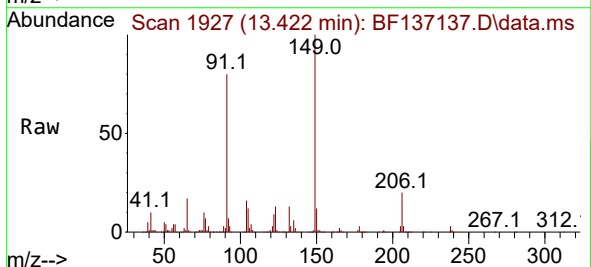
Tgt Ion:149 Resp: 505955

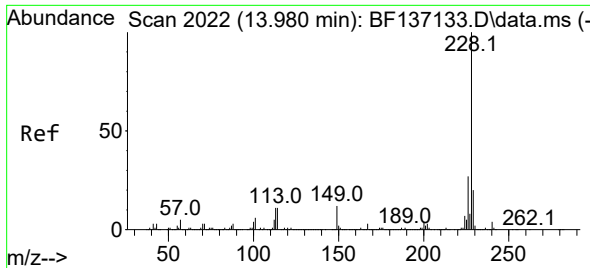
Ion Ratio Lower Upper

149 100

91 80.5 60.9 91.3

206 19.7 15.8 23.8

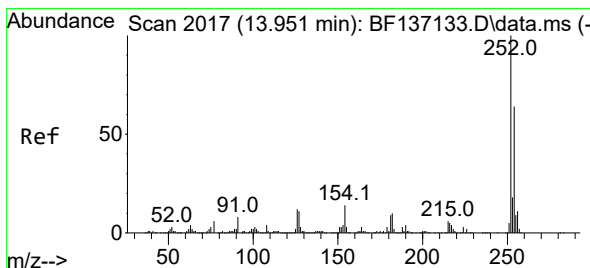
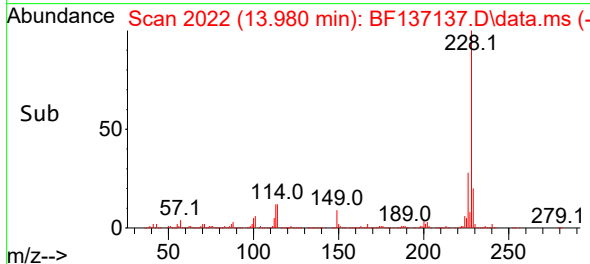
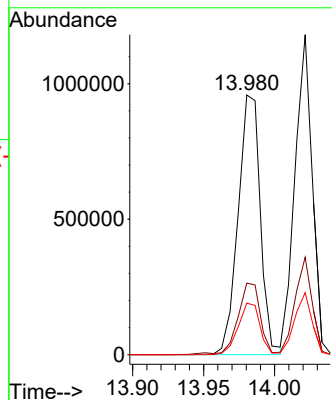
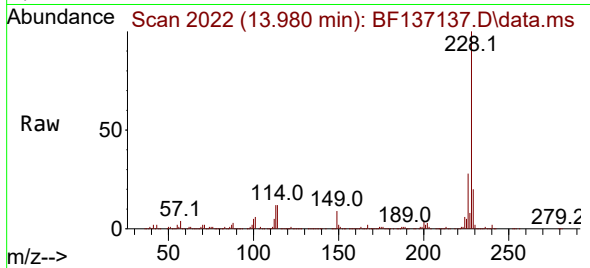




#81
Benzo(a)anthracene
Concen: 41.138 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

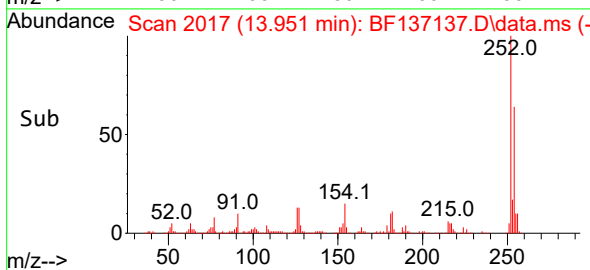
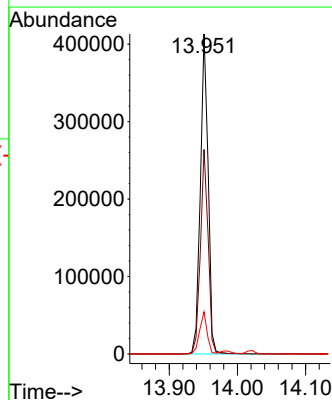
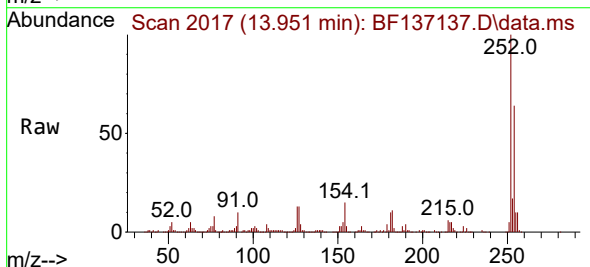
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

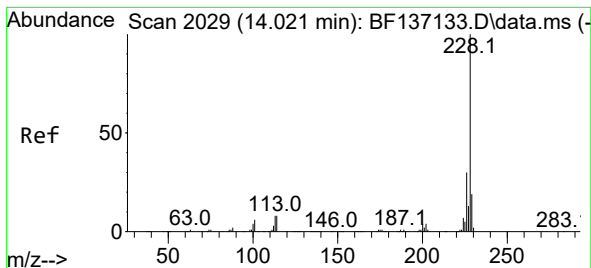
Tgt Ion:228 Resp: 1048030
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.446 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:252 Resp: 328273
Ion Ratio Lower Upper
252 100
254 63.9 51.1 76.7
126 13.1 9.4 14.0





#83

Chrysene

Concen: 40.969 ng

RT: 14.022 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

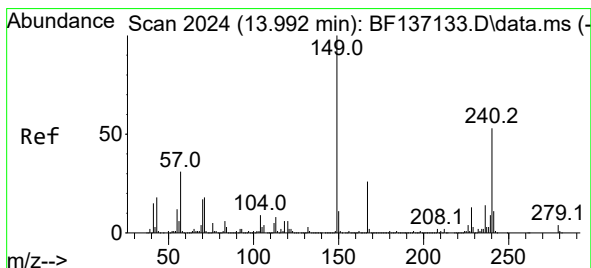
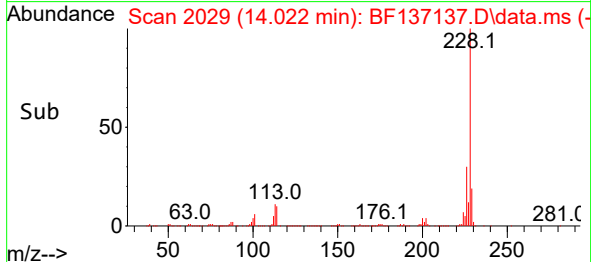
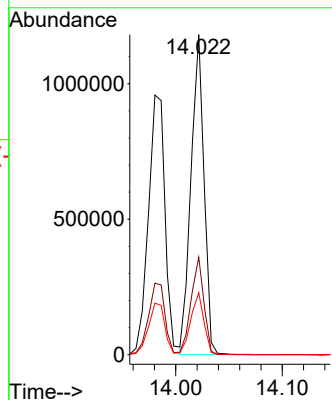
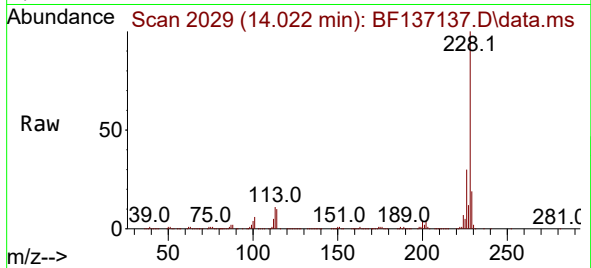
Tgt Ion:228 Resp: 1004848

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 19.4 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.295 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

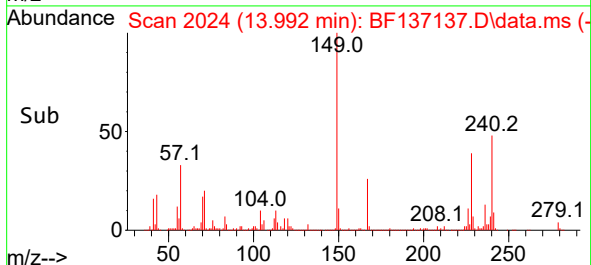
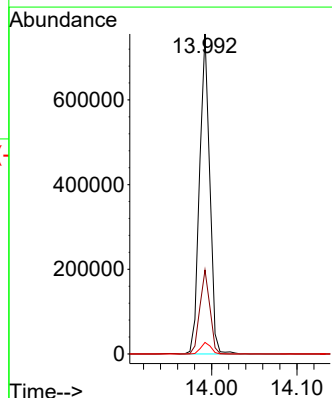
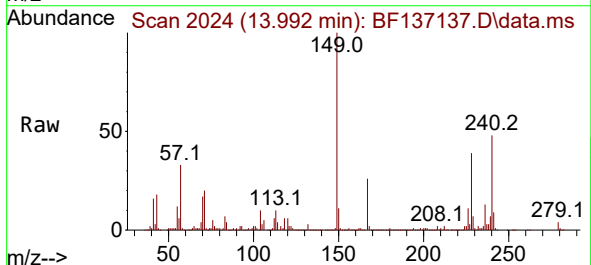
Tgt Ion:149 Resp: 627115

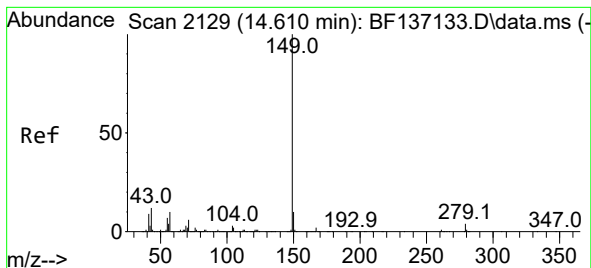
Ion Ratio Lower Upper

149 100

167 26.2 21.1 31.7

279 3.6 3.1 4.7

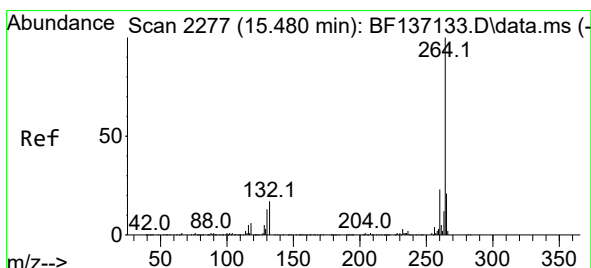
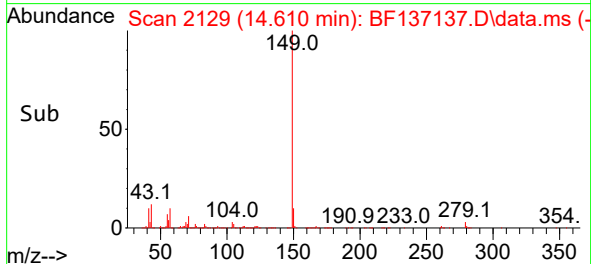
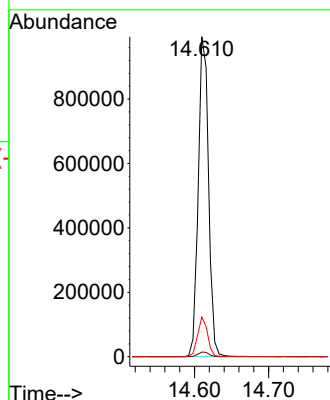
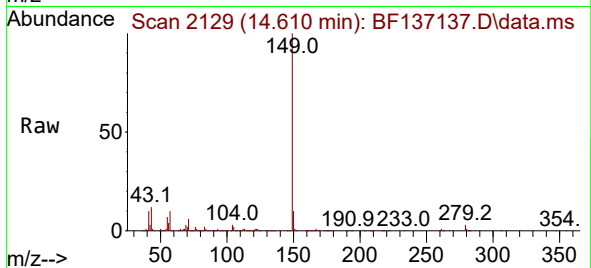




#85
Di-n-octyl phthalate
Concen: 45.766 ng
RT: 14.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

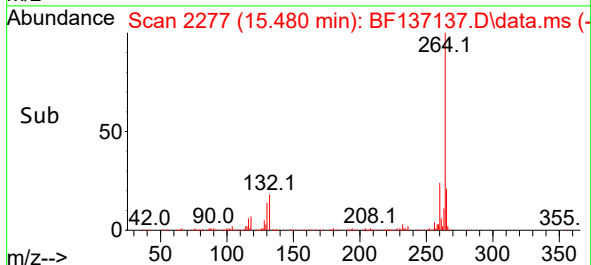
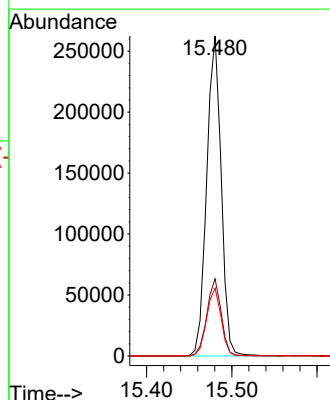
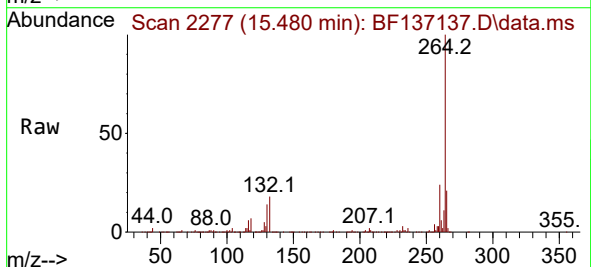
Instrument :
BNA_F
ClientSampleId :
ICVBF012324

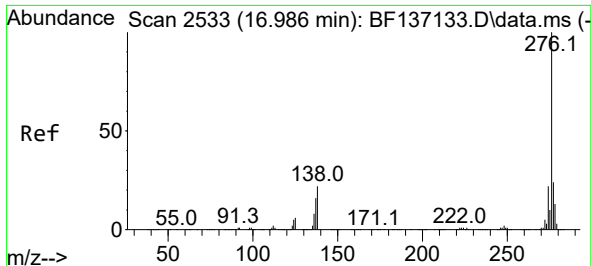
Tgt Ion:149 Resp: 959245
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.9 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF137137.D
Acq: 23 Jan 2024 16:10

Tgt Ion:264 Resp: 310500
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.2 16.5 24.7

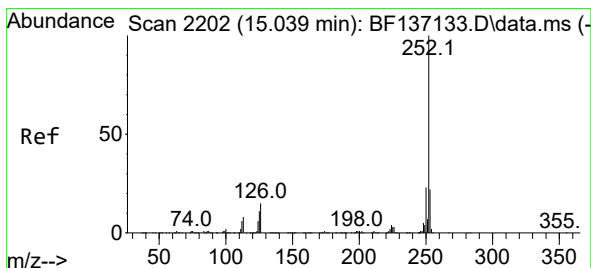
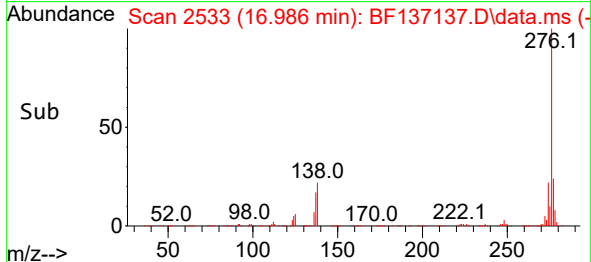
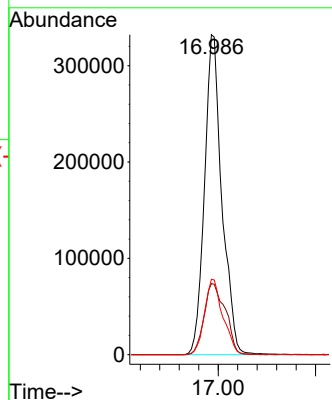
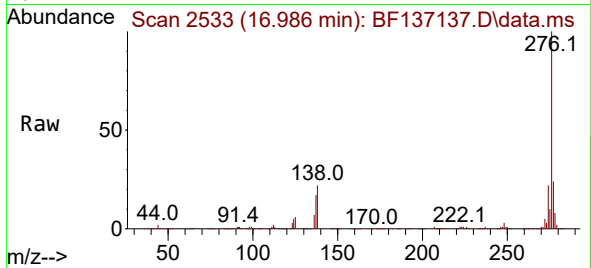




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.512 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137137.D
 Acq: 23 Jan 2024 16:10

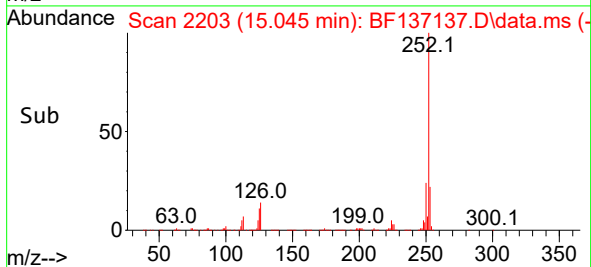
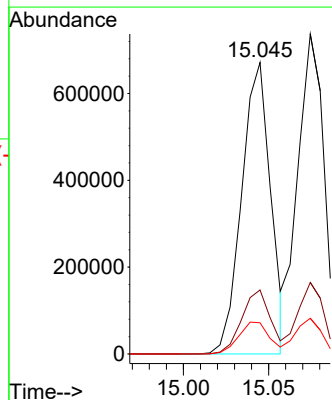
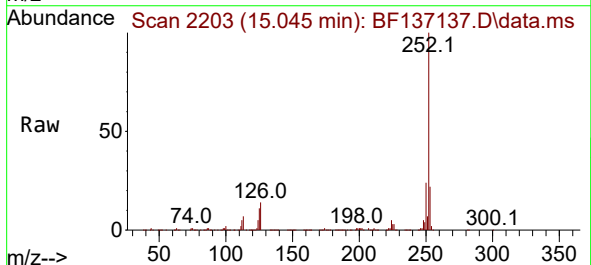
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012324

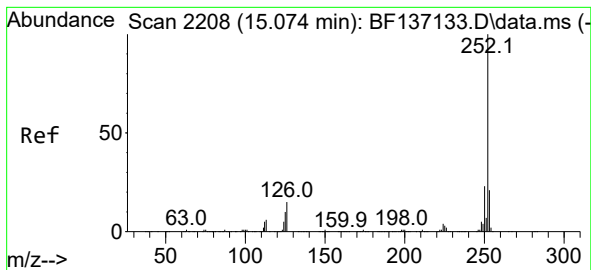
Tgt Ion:276 Resp: 823518
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.5 32.3
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 41.470 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: BF137137.D
 Acq: 23 Jan 2024 16:10

Tgt Ion:252 Resp: 794834
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 10.7 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 41.773 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

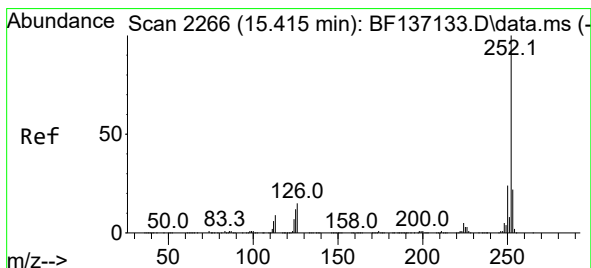
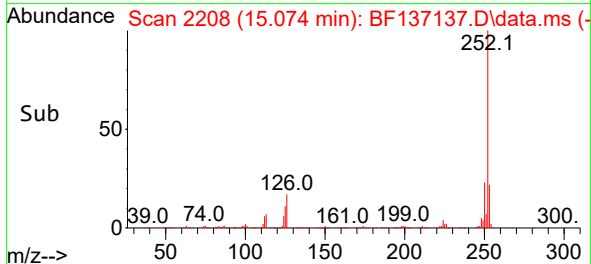
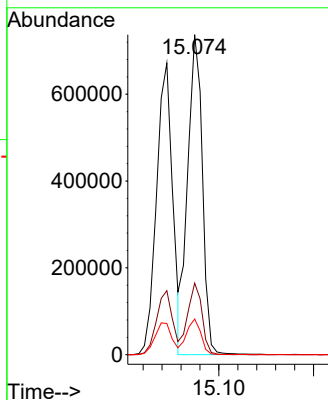
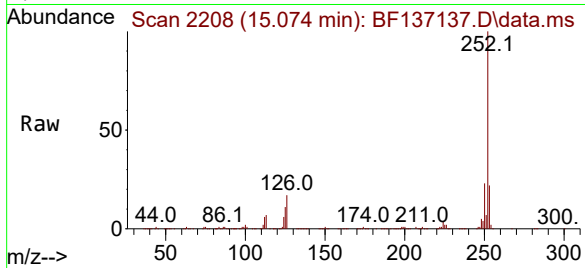
Tgt Ion:252 Resp: 795677

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 11.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.229 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

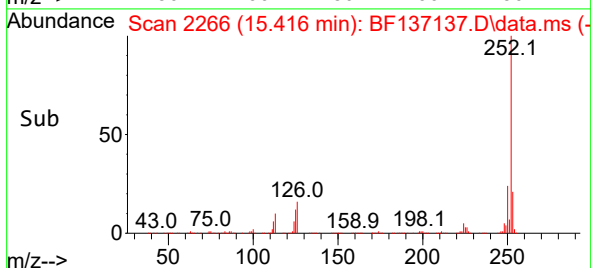
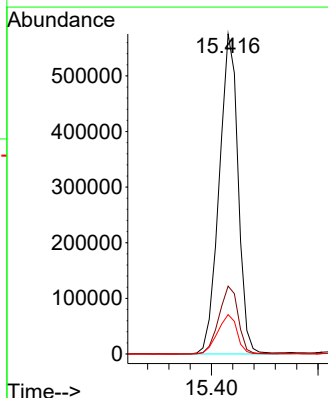
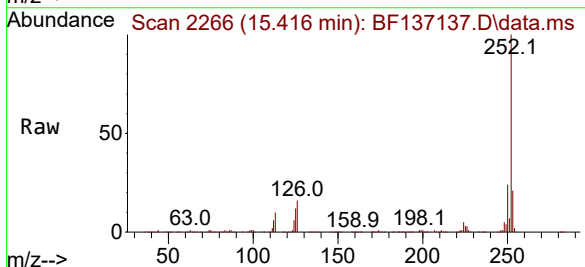
Tgt Ion:252 Resp: 708143

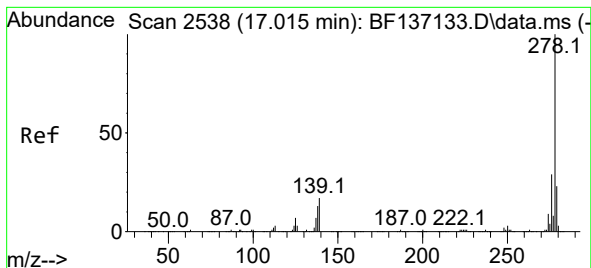
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 12.3 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 41.616 ng

RT: 17.015 min Scan# 2538

Delta R.T. 0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Instrument :

BNA_F

ClientSampleId :

ICVBF012324

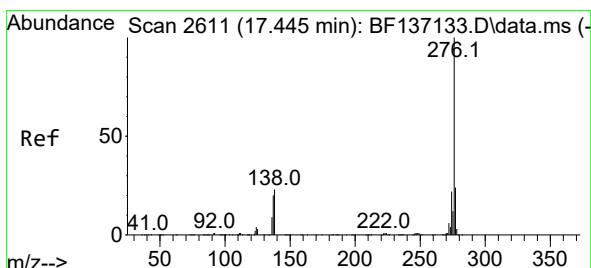
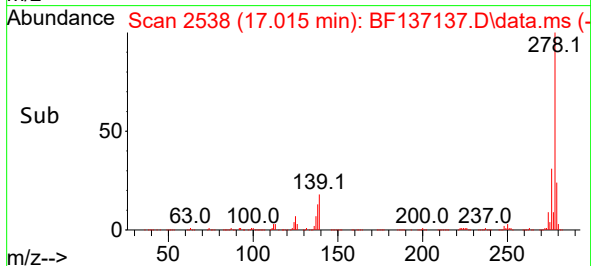
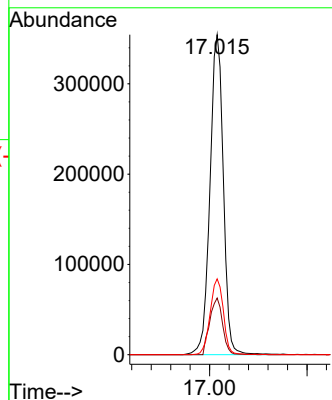
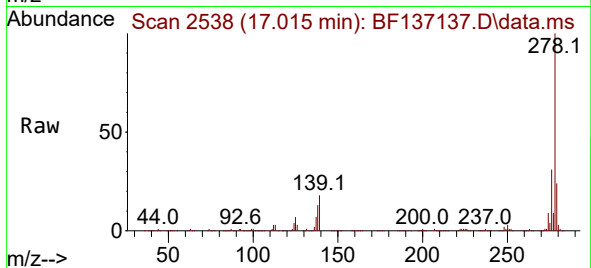
Tgt Ion:278 Resp: 672756

Ion Ratio Lower Upper

278 100

139 17.7 14.0 21.0

279 23.7 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 42.140 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.000 min

Lab File: BF137137.D

Acq: 23 Jan 2024 16:10

Tgt Ion:276 Resp: 659198

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 23.2 18.2 27.4

