

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
 Data File : BF137115.D
 Acq On : 19 Jan 2024 16:54
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011924

Quant Time: Jan 20 00:58:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 20 00:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	147343	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	596972	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	304158	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	544254	20.000	ng	0.00
76) Chrysene-d12	13.998	240	287714	20.000	ng	0.00
86) Perylene-d12	15.486	264	307976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	806345	80.202	ng	0.00
7) Phenol-d6	6.445	99	1017323	80.601	ng	0.00
23) Nitrobenzene-d5	7.381	82	912583	87.478	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	243987	82.849	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1606786	79.288	ng	0.00
79) Terphenyl-d14	12.945	244	1646810	81.816	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	184091	40.567	ng	99
3) Pyridine	3.357	79	458002	41.573	ng	98
4) n-Nitrosodimethylamine	3.322	42	250901	40.914	ng	99
6) Aniline	6.481	93	524378	42.686	ng	98
8) 2-Chlorophenol	6.604	128	433154	40.732	ng	99
9) Benzaldehyde	6.369	77	285606	40.489	ng	100
10) Phenol	6.457	94	565001	41.374	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	423240	39.111	ng	100
12) 1,3-Dichlorobenzene	6.757	146	470889	40.308	ng	100
13) 1,4-Dichlorobenzene	6.834	146	474307	40.319	ng	98
14) 1,2-Dichlorobenzene	6.987	146	440247	40.386	ng	100
15) Benzyl Alcohol	6.957	79	372658	40.929	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	719447	39.921	ng	99
17) 2-Methylphenol	7.063	107	355126	40.725	ng	99
18) Hexachloroethane	7.328	117	177017	41.091	ng	100
19) n-Nitroso-di-n-propyla...	7.234	70	314096	40.411	ng	99
20) 3+4-Methylphenols	7.222	107	434515	40.610	ng	94
22) Acetophenone	7.228	105	588829	39.874	ng	98
24) Nitrobenzene	7.398	77	484930	42.579	ng	98
25) Isophorone	7.639	82	858837	39.993	ng	100
26) 2-Nitrophenol	7.710	139	192611	41.971	ng	98
27) 2,4-Dimethylphenol	7.745	122	277808	40.125	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	517321	39.738	ng	99
29) 2,4-Dichlorophenol	7.951	162	353601	41.300	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	398596	40.302	ng	99
31) Naphthalene	8.116	128	1271552	40.156	ng	99
32) Benzoic acid	7.857	122	268414	43.794	ng	99
33) 4-Chloroaniline	8.169	127	453883	38.956	ng	98
34) Hexachlorobutadiene	8.239	225	233624	40.602	ng	98
35) Caprolactam	8.534	113	110190	40.604	ng	# 83
36) 4-Chloro-3-methylphenol	8.645	107	379585	40.587	ng	99
37) 2-Methylnaphthalene	8.810	142	810463	40.214	ng	99
38) 1-Methylnaphthalene	8.910	142	794968	40.439	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	357296	40.137	ng	100
41) Hexachlorocyclopentadiene	8.963	237	139082	40.666	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	235629	40.664	ng	99

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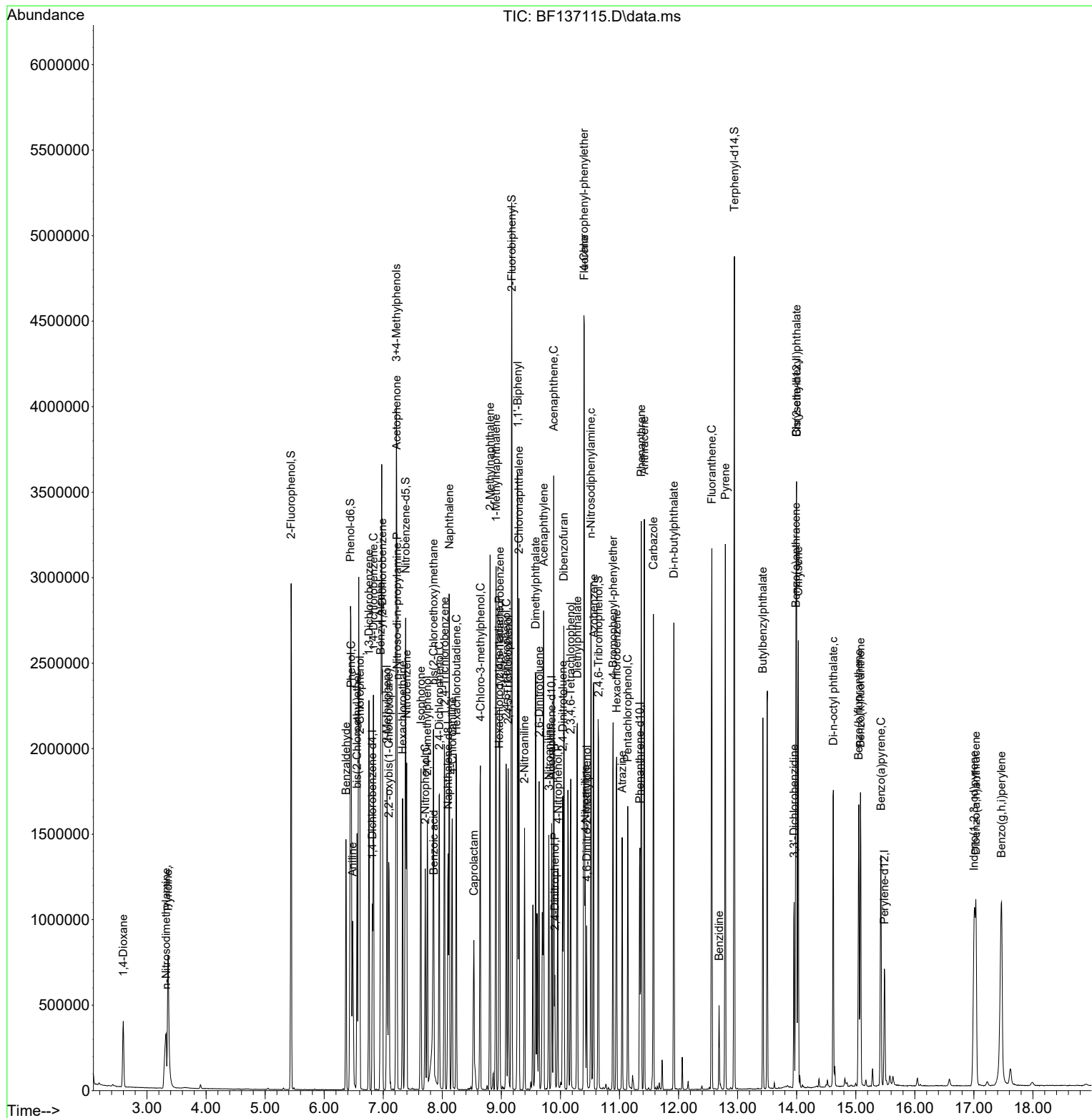
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	259876	41.144	ng	92
46) 1,1'-Biphenyl	9.275	154	996401	40.240	ng	99
47) 2-Chloronaphthalene	9.298	162	777346	40.537	ng	99
48) 2-Nitroaniline	9.392	65	234341	46.523	ng	98
49) Acenaphthylene	9.716	152	1108538	40.595	ng	100
50) Dimethylphthalate	9.581	163	854971	40.176	ng	99
51) 2,6-Dinitrotoluene	9.639	165	193492	45.612	ng	97
52) Acenaphthene	9.886	154	750492	40.481	ng	99
53) 3-Nitroaniline	9.804	138	197916	43.765	ng	98
54) 2,4-Dinitrophenol	9.904	184	60708	40.756	ng	# 85
55) Dibenzofuran	10.057	168	1031023	40.179	ng	97
56) 4-Nitrophenol	9.957	139	162968	44.411	ng	98
57) 2,4-Dinitrotoluene	10.039	165	241620	47.629	ng	96
58) Fluorene	10.404	166	769776	39.856	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	196667	40.140	ng	98
60) Diethylphthalate	10.286	149	850277	40.597	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	369373	39.406	ng	98
62) 4-Nitroaniline	10.422	138	193554	44.897	ng	98
63) Azobenzene	10.563	77	880632	40.171	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	90761	40.601	ng	96
66) n-Nitrosodiphenylamine	10.516	169	694341	39.959	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	239359	40.695	ng	99
68) Hexachlorobenzene	10.951	284	261584	39.422	ng	99
69) Atrazine	11.045	200	148297	42.488	ng	100
70) Pentachlorophenol	11.139	266	164773	42.001	ng	98
71) Phenanthrene	11.369	178	1161392	40.047	ng	99
72) Anthracene	11.422	178	1162774	40.250	ng	99
73) Carbazole	11.575	167	1045914	39.917	ng	100
74) Di-n-butylphthalate	11.922	149	1230052	40.949	ng	100
75) Fluoranthene	12.563	202	1171959	39.674	ng	99
77) Benzidine	12.686	184	154184	53.086	ng	97
78) Pyrene	12.792	202	1193764	41.559	ng	99
80) Butylbenzylphthalate	13.427	149	411317	44.237	ng	99
81) Benzo(a)anthracene	13.986	228	881074	41.236	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	211551	40.381	ng	100
83) Chrysene	14.027	228	838826	40.617	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	504413	44.616	ng	100
85) Di-n-octyl phthalate	14.621	149	789159	43.254	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	910954	43.776	ng	99
88) Benzo(b)fluoranthene	15.051	252	740719	37.802	ng	99
89) Benzo(k)fluoranthene	15.080	252	731036	40.804	ng	98
90) Benzo(a)pyrene	15.427	252	655625	40.551	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	745188	43.616	ng	100
92) Benzo(g,h,i)perylene	17.468	276	781955	43.979	ng	99

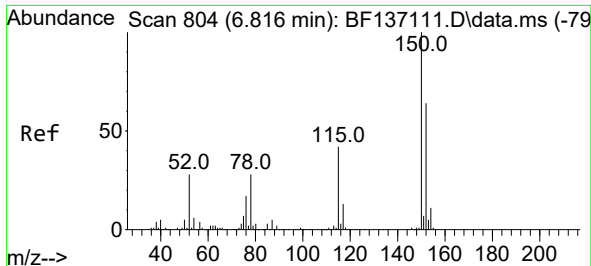
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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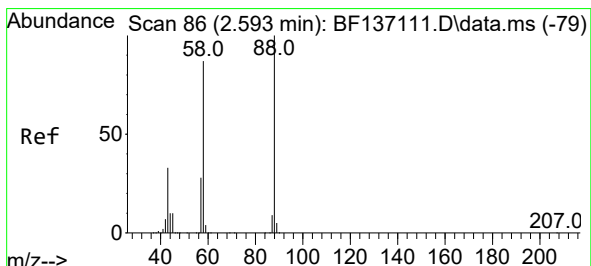
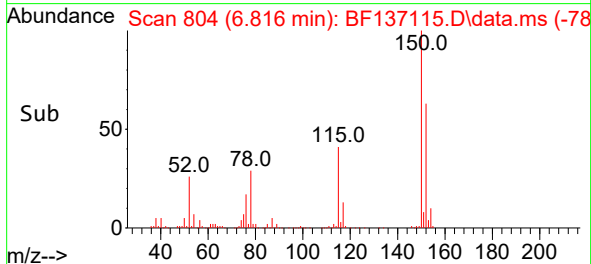
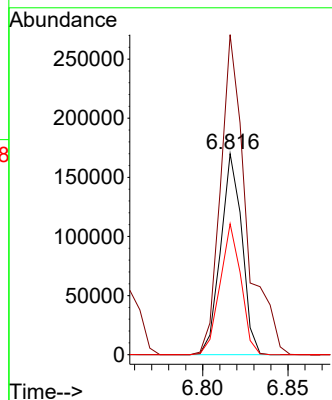
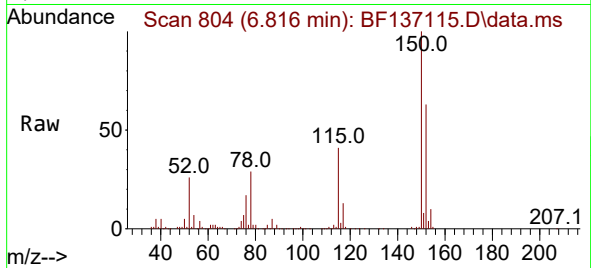




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137115.D
 Acq: 19 Jan 2024 16:54

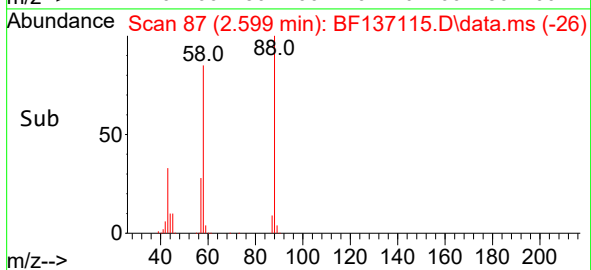
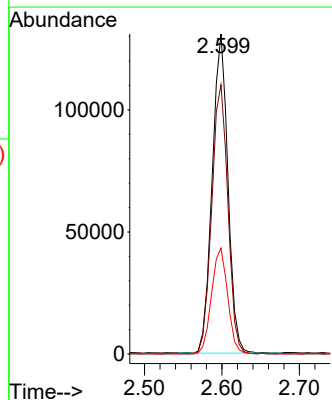
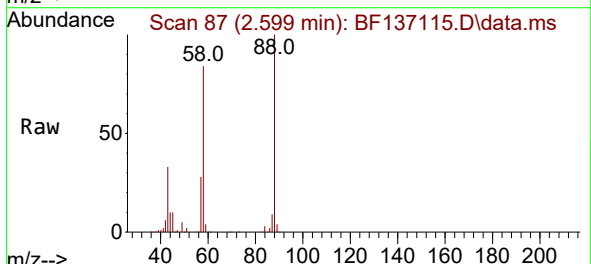
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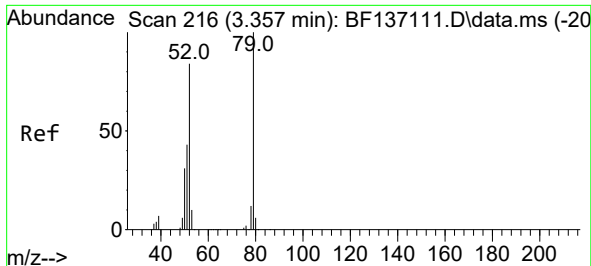
Tgt Ion:152 Resp: 147343
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.1 187.7
 115 65.1 52.3 78.5



#2
 1,4-Dioxane
 Concen: 40.567 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: BF137115.D
 Acq: 19 Jan 2024 16:54

Tgt Ion: 88 Resp: 184091
 Ion Ratio Lower Upper
 88 100
 58 86.5 68.5 102.7
 43 33.7 26.9 40.3





#3

Pyridine

Concen: 41.573 ng

RT: 3.357 min Scan# 216

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

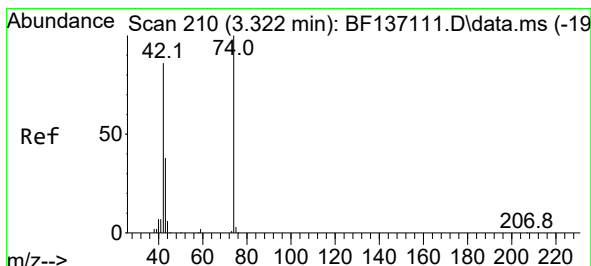
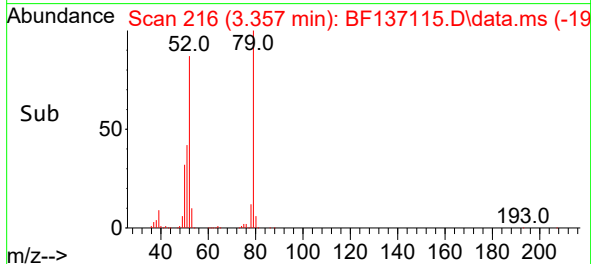
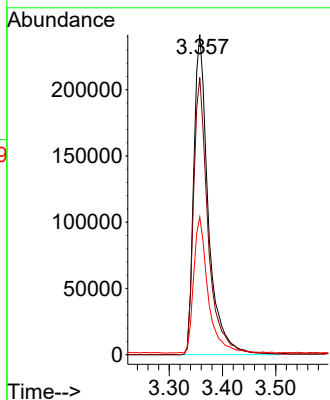
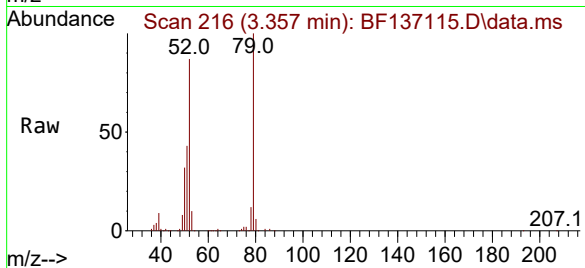
Tgt Ion: 79 Resp: 458002

Ion Ratio Lower Upper

79 100

52 86.6 67.0 100.4

51 43.0 34.4 51.6



#4

n-Nitrosodimethylamine

Concen: 40.914 ng

RT: 3.322 min Scan# 210

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

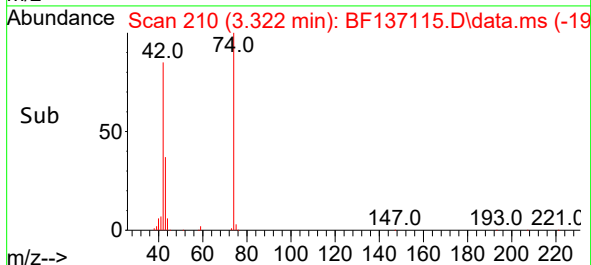
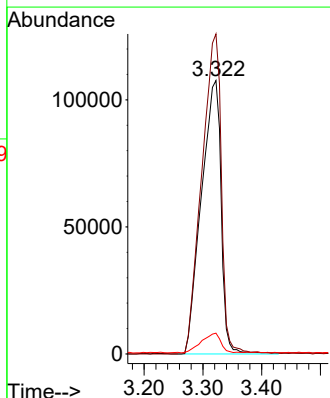
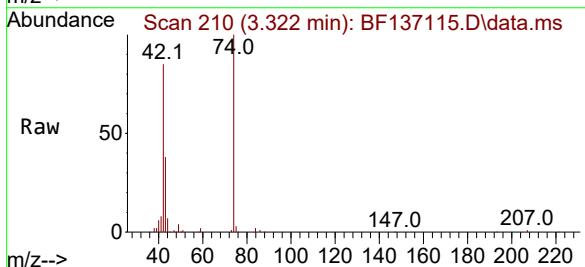
Tgt Ion: 42 Resp: 250901

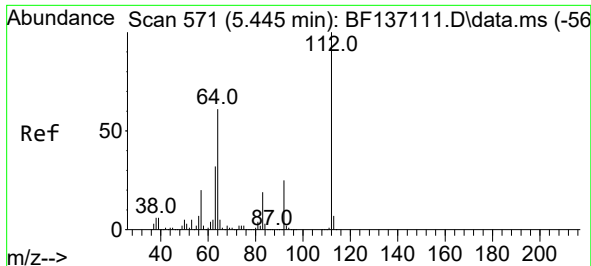
Ion Ratio Lower Upper

42 100

74 117.1 93.1 139.7

44 7.6 5.6 8.4

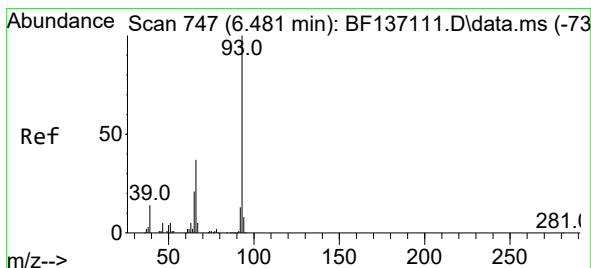
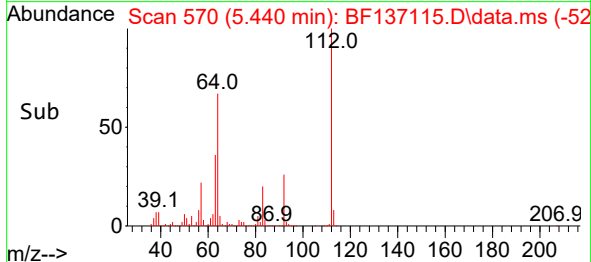
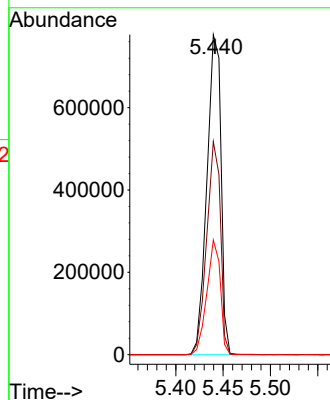
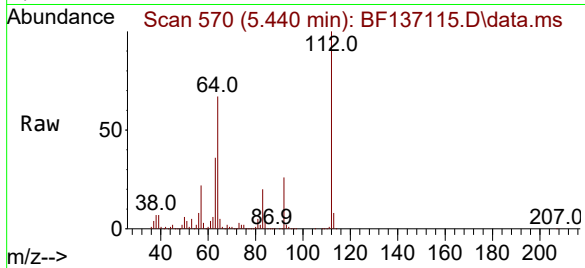




#5
2-Fluorophenol
Concen: 80.202 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

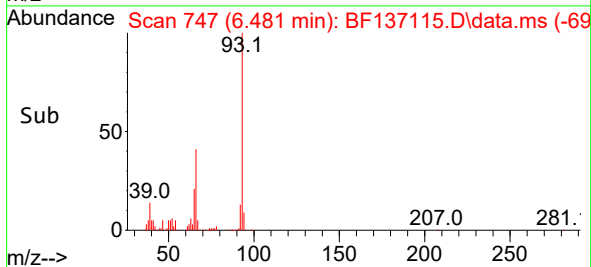
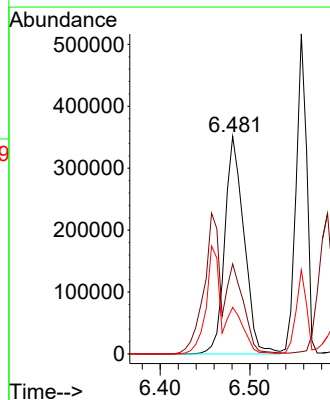
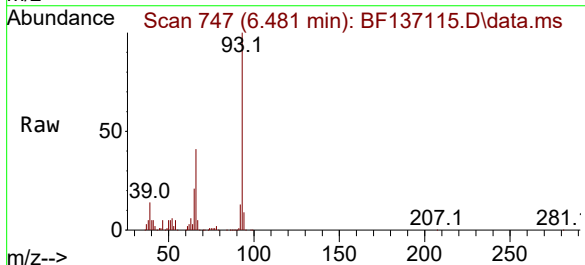
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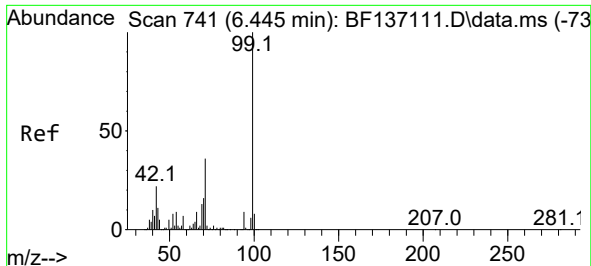
Tgt Ion:112 Resp: 806345
Ion Ratio Lower Upper
112 100
64 66.6 48.6 73.0
63 35.9 25.5 38.3



#6
Aniline
Concen: 42.686 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion: 93 Resp: 524378
Ion Ratio Lower Upper
93 100
66 41.4 32.0 48.0
65 21.4 17.0 25.4





#7

Phenol-d6

Concen: 80.601 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

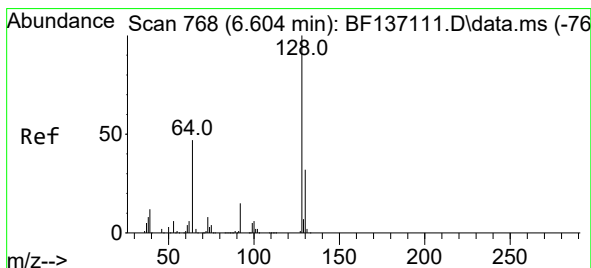
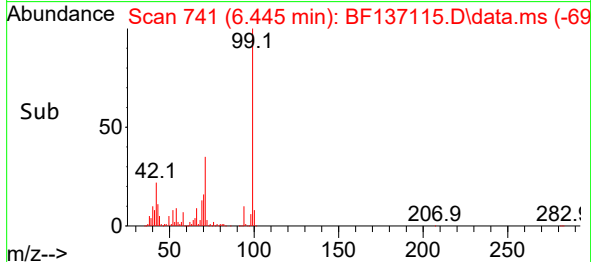
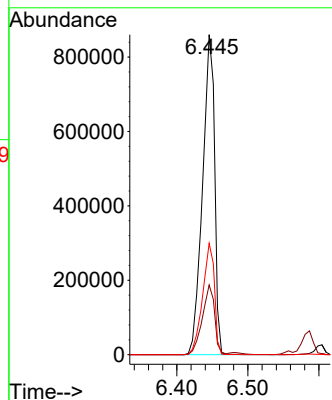
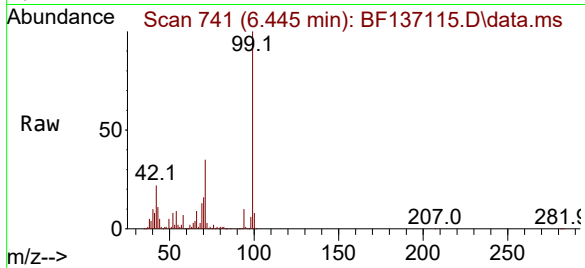
Tgt Ion: 99 Resp: 1017323

Ion Ratio Lower Upper

99 100

42 21.8 17.5 26.3

71 34.8 28.6 42.8



#8

2-Chlorophenol

Concen: 40.732 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

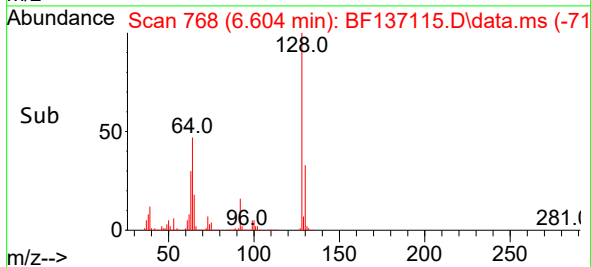
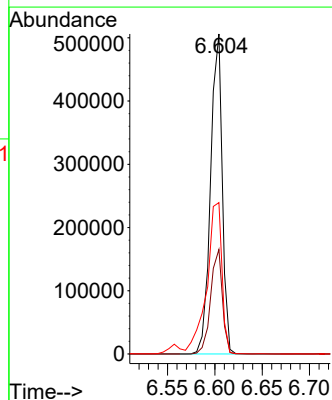
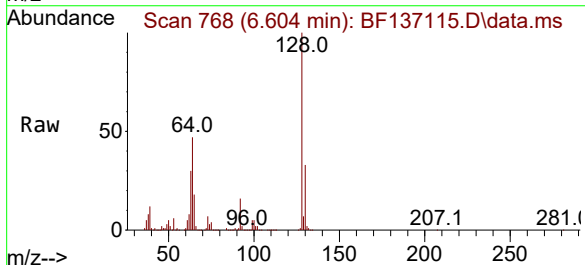
Tgt Ion:128 Resp: 433154

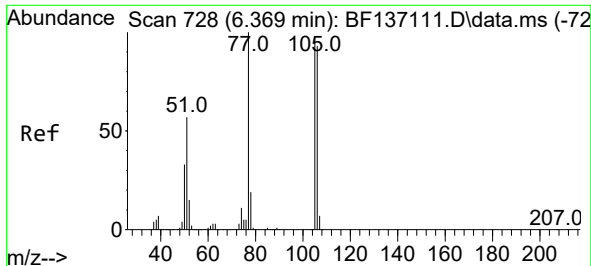
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 47.3 28.7 68.7

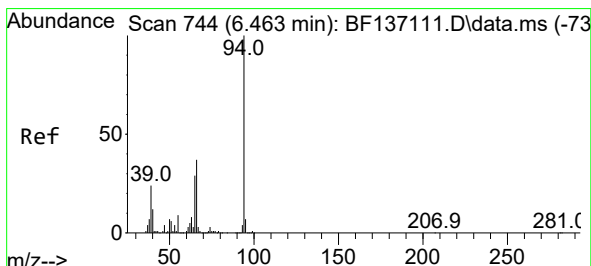
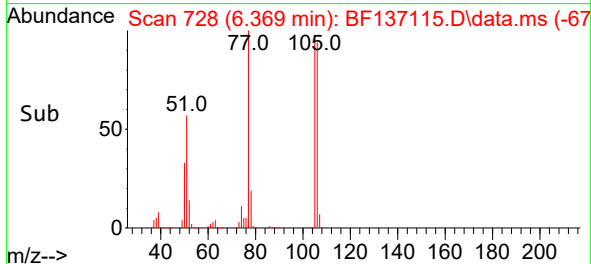
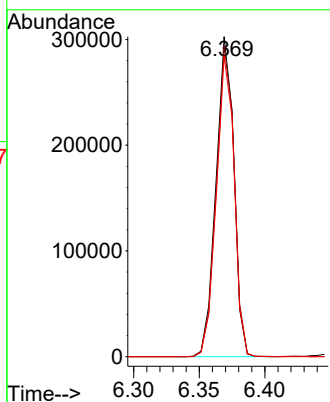
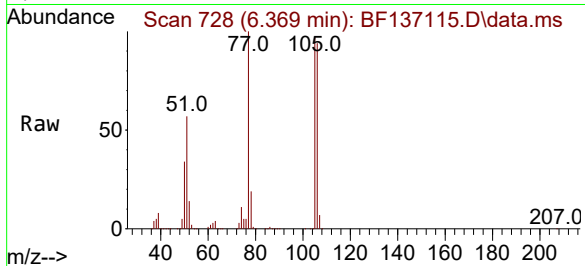




#9
Benzaldehyde
Concen: 40.489 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

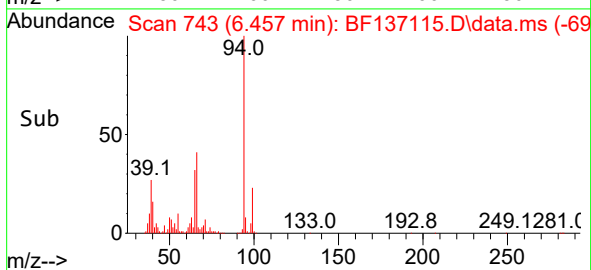
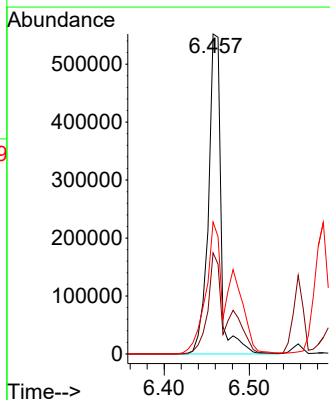
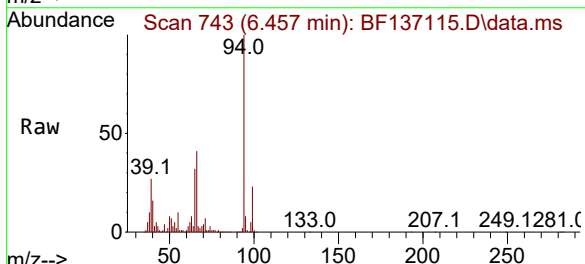
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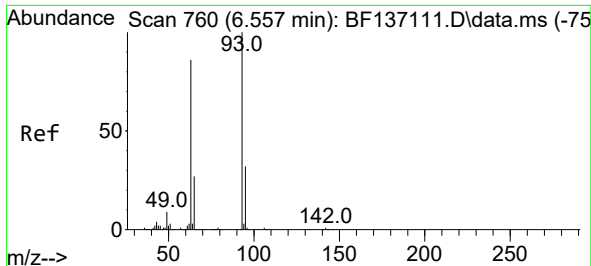
Tgt Ion: 77 Resp: 285606
Ion Ratio Lower Upper
77 100
105 97.1 77.1 117.1
106 93.9 73.2 113.2



#10
Phenol
Concen: 41.374 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion: 94 Resp: 565001
Ion Ratio Lower Upper
94 100
65 31.6 9.3 49.3
66 41.3 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 39.111 ng

RT: 6.557 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

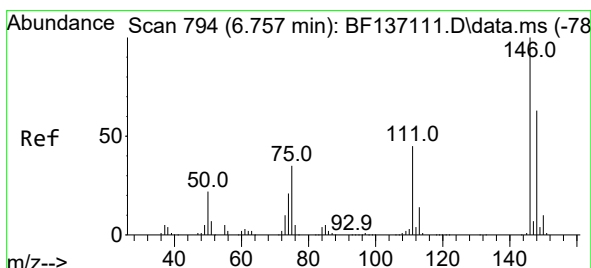
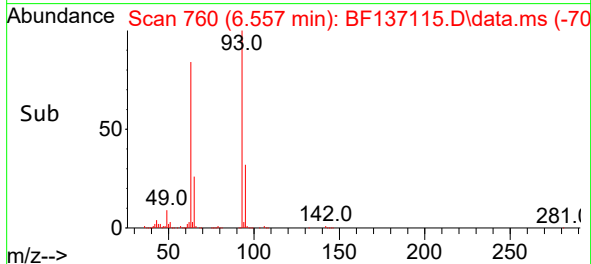
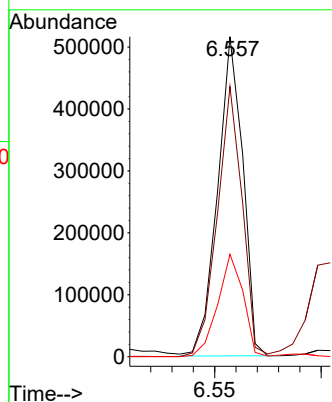
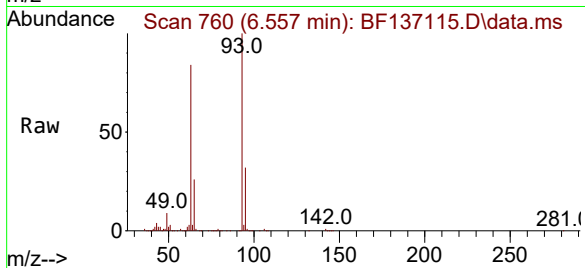
Tgt Ion: 93 Resp: 423240

Ion Ratio Lower Upper

93 100

63 84.5 64.7 104.7

95 32.0 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 40.308 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

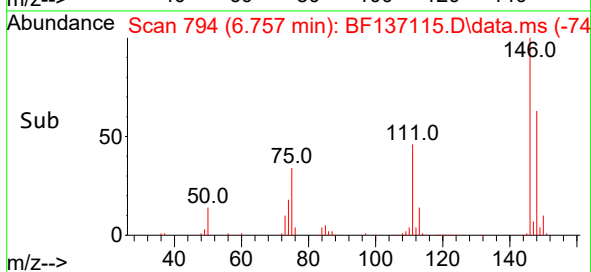
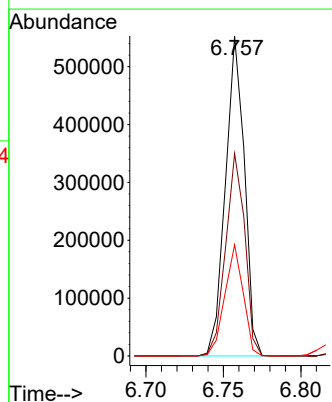
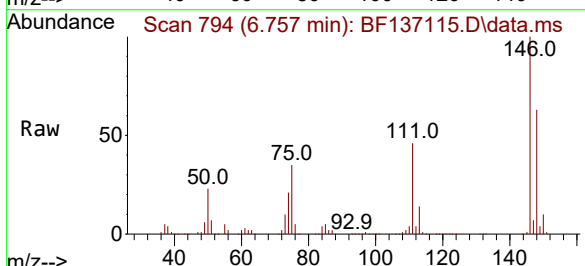
Tgt Ion: 146 Resp: 470889

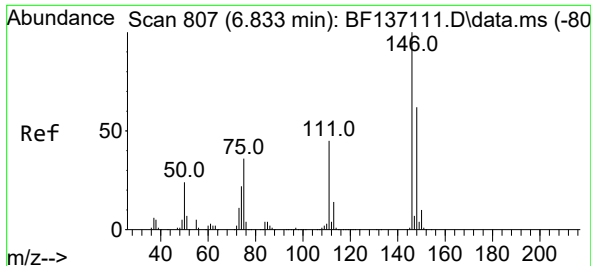
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

75 34.7 27.8 41.6





#13

1,4-Dichlorobenzene

Concen: 40.319 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

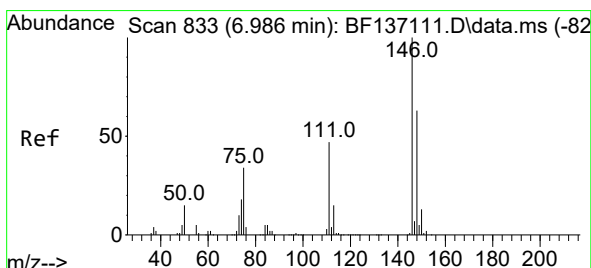
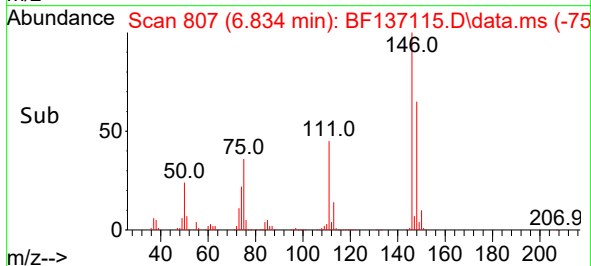
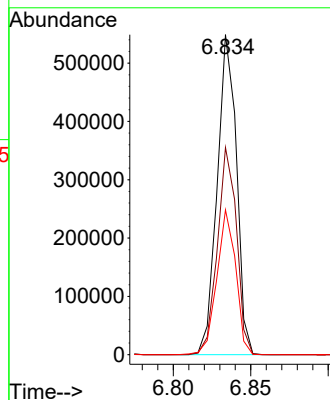
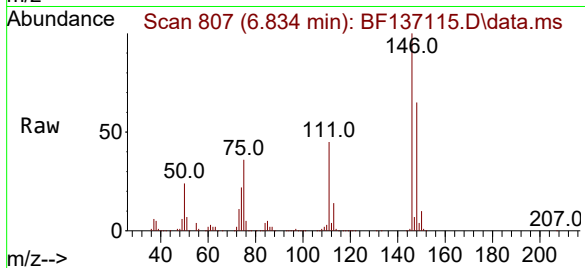
Tgt Ion:146 Resp: 474307

Ion Ratio Lower Upper

146 100

148 64.8 49.8 74.6

111 45.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.386 ng

RT: 6.987 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

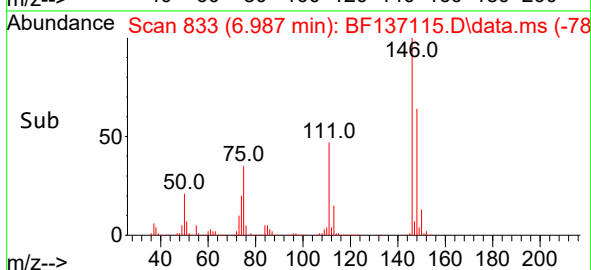
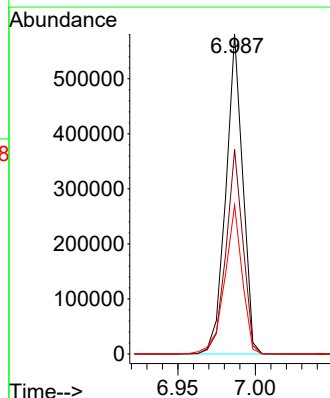
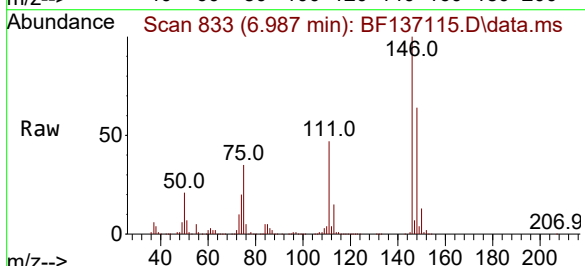
Tgt Ion:146 Resp: 440247

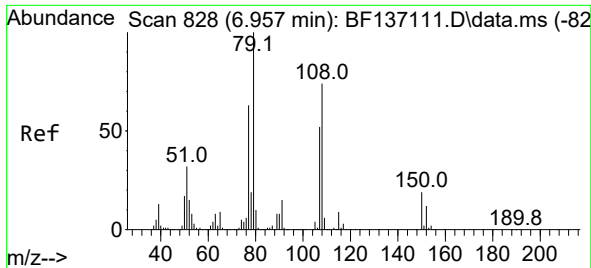
Ion Ratio Lower Upper

146 100

148 63.9 50.7 76.1

111 46.5 37.4 56.0

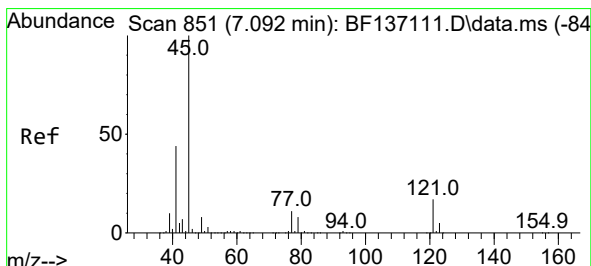
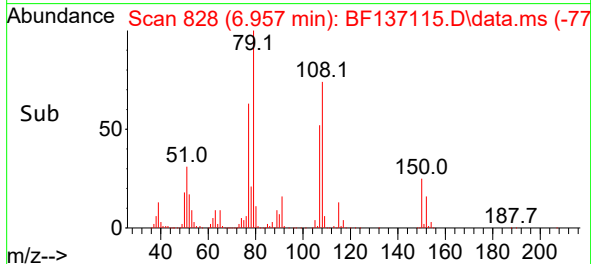
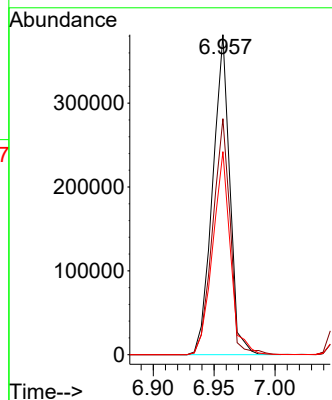
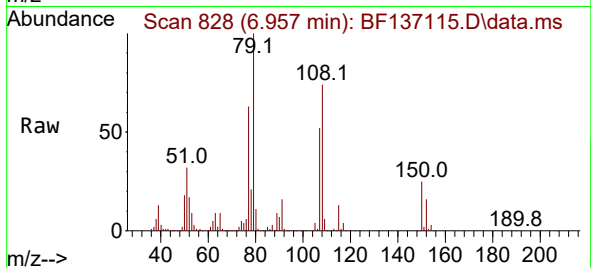




#15
Benzyl Alcohol
Concen: 40.929 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

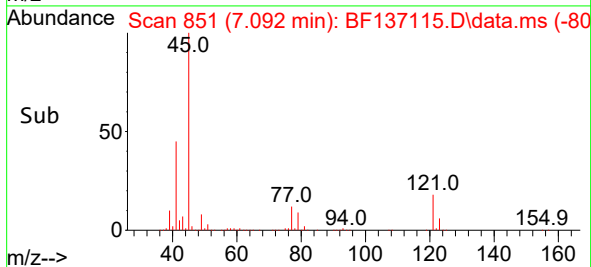
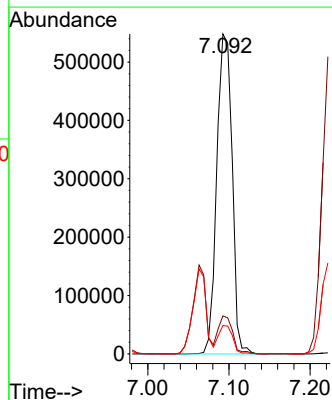
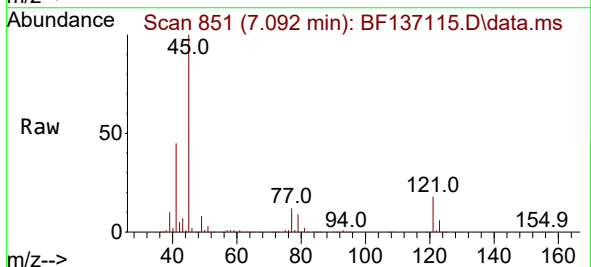
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

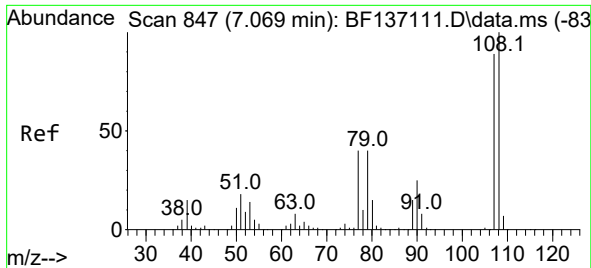
Tgt Ion: 79 Resp: 372658
Ion Ratio Lower Upper
79 100
108 73.7 59.3 88.9
77 63.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.921 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion: 45 Resp: 719447
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.6
79 8.9 0.0 28.6

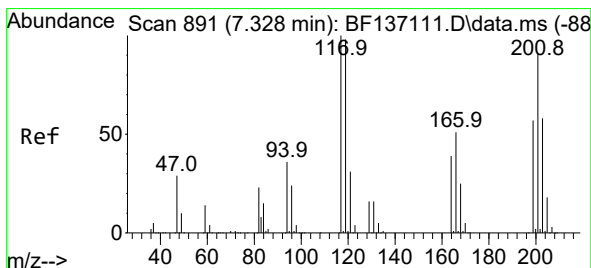
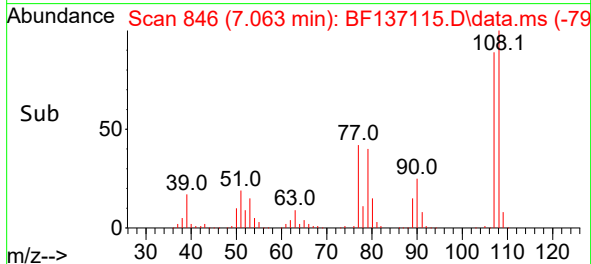
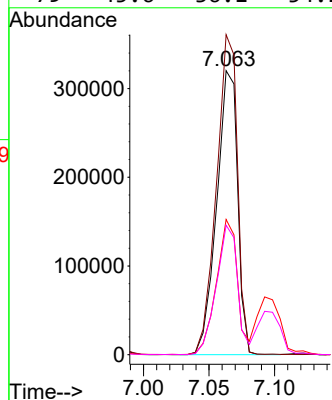
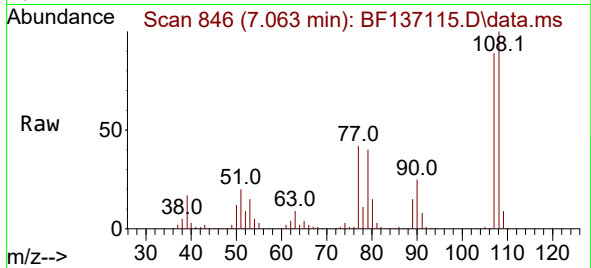




#17
2-Methylphenol
Concen: 40.725 ng
RT: 7.063 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

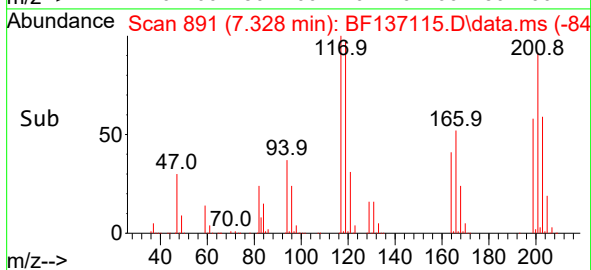
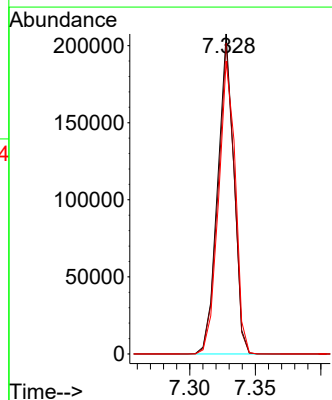
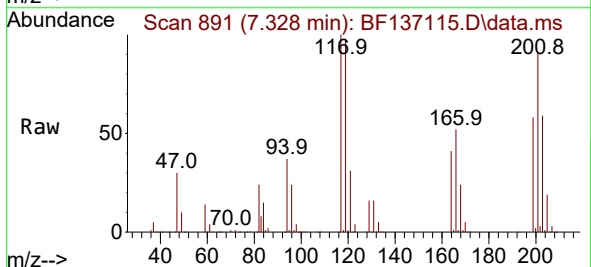
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

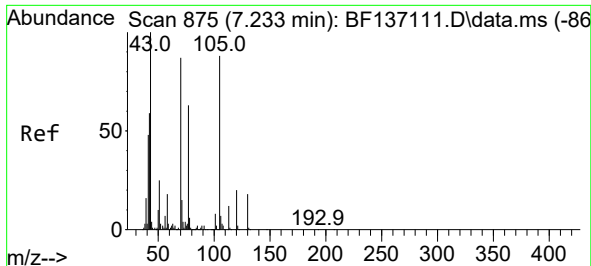
Tgt Ion:107	Resp:	355126
Ion Ratio	Lower	Upper
107	100	
108	112.7	90.2 135.2
77	47.6	36.6 54.8
79	45.6	36.1 54.1



#18
Hexachloroethane
Concen: 41.091 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:117	Resp:	177017
Ion Ratio	Lower	Upper
117	100	
119	97.1	78.3 117.5
201	91.5	73.2 109.8

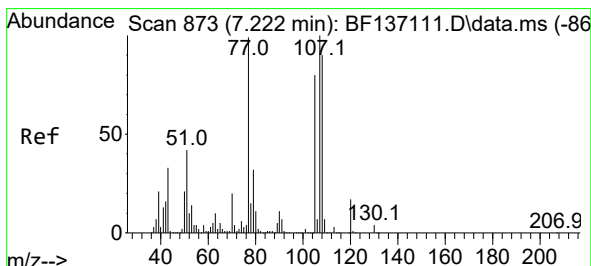
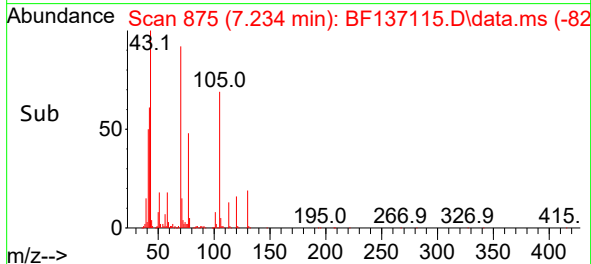
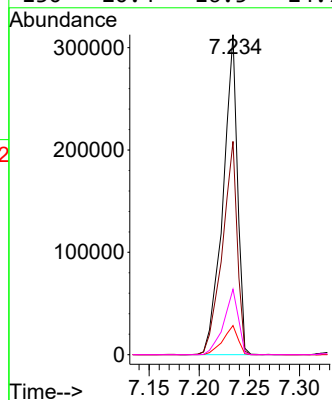
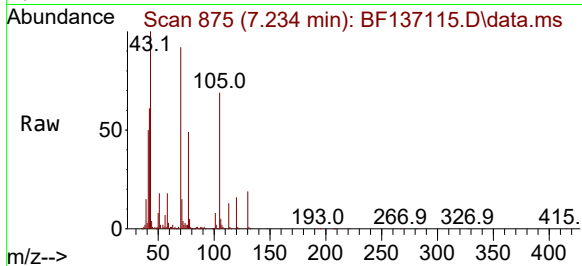




#19
n-Nitroso-di-n-propylamine
Concen: 40.411 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

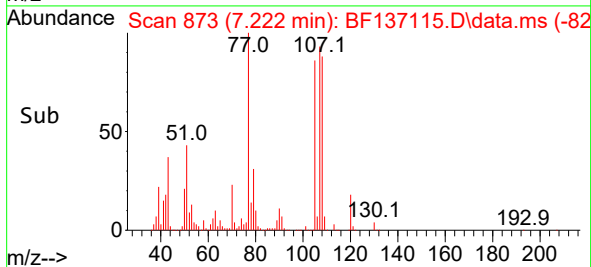
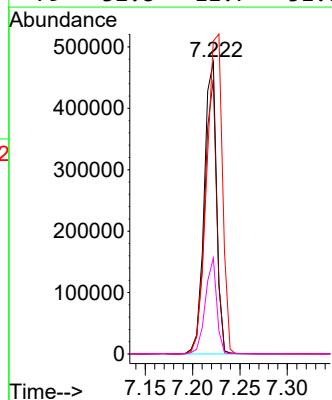
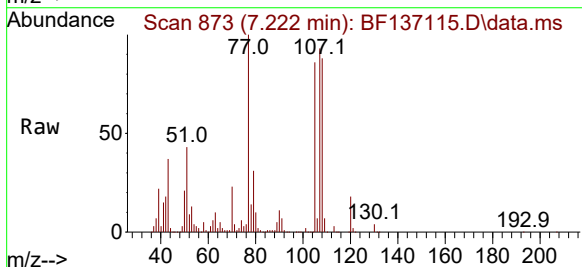
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

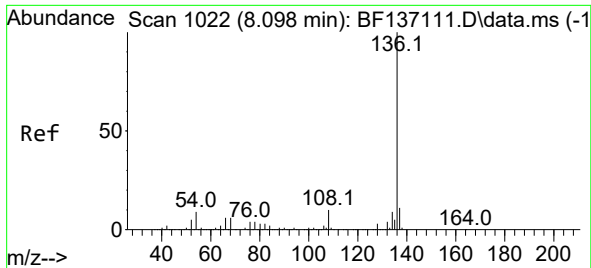
Tgt Ion:	70	Resp:	314096
Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.2	81.4
101	9.1	7.6	11.4
130	20.4	16.5	24.7



#20
3+4-Methylphenols
Concen: 40.610 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:	107	Resp:	434515
Ion	Ratio	Lower	Upper
107	100		
108	94.1	70.4	110.4
77	107.1	78.5	118.5
79	32.8	11.7	51.7

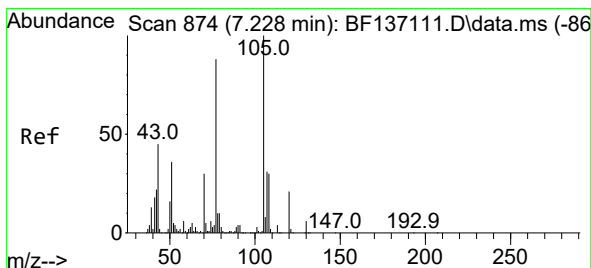
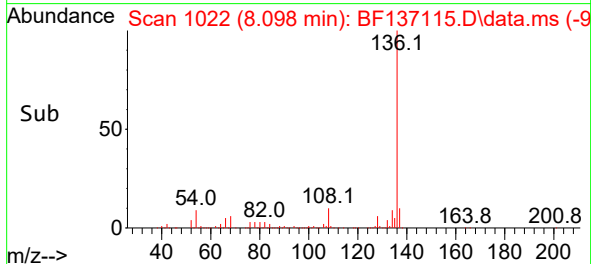
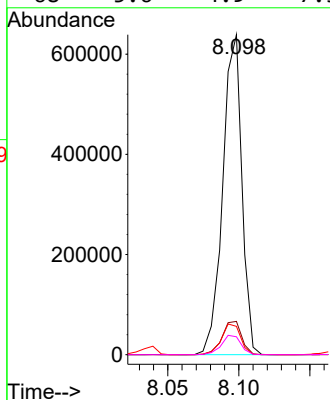
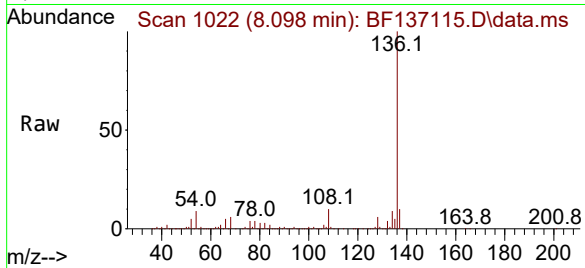




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

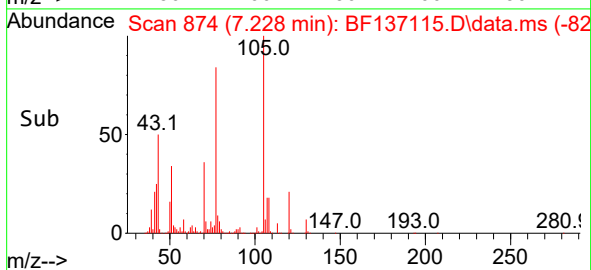
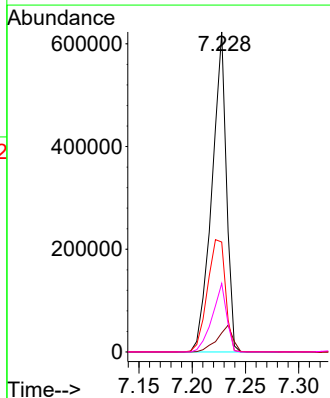
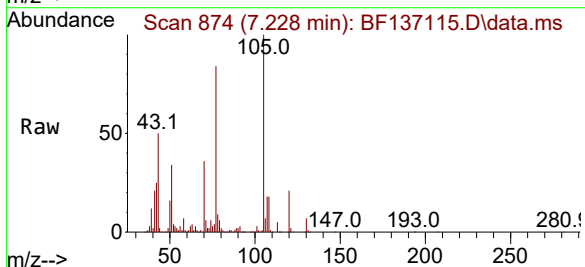
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

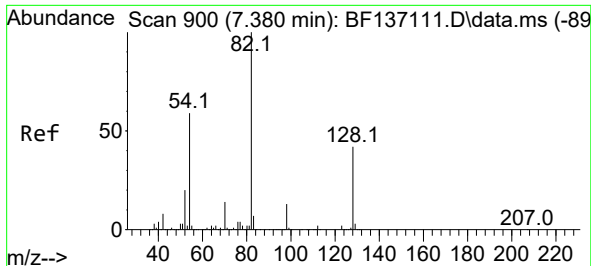
Tgt Ion:136 Resp: 596972
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 8.9 7.4 11.2
68 5.6 4.9 7.3



#22
Acetophenone
Concen: 39.874 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:105 Resp: 588829
Ion Ratio Lower Upper
105 100
71 5.9 4.0 6.0
51 34.4 28.8 43.2
120 21.4 16.6 25.0

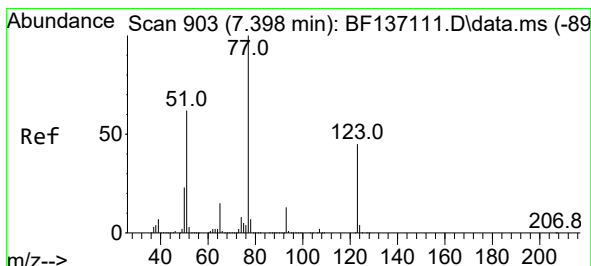
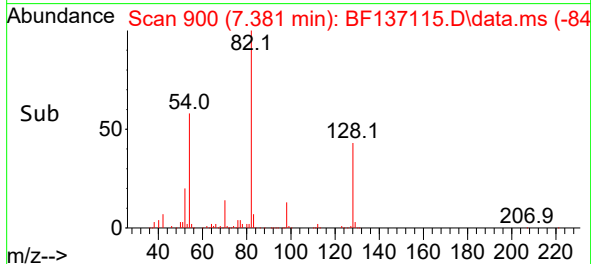
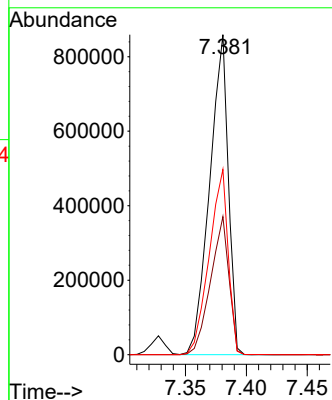
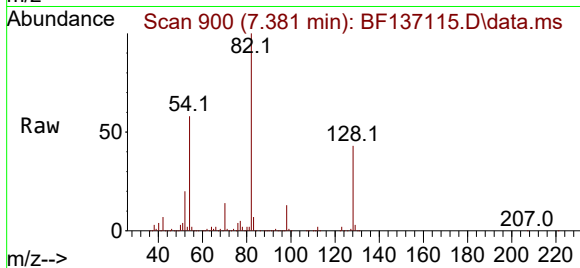




#23
Nitrobenzene-d5
Concen: 87.478 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

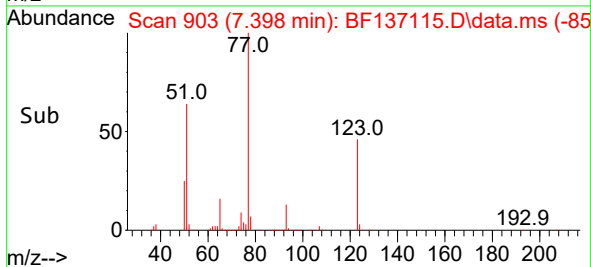
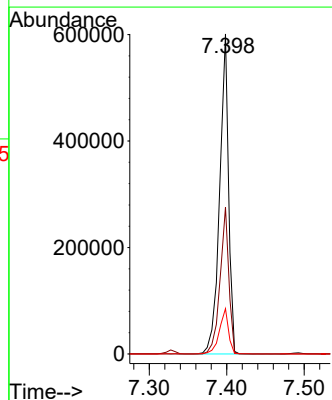
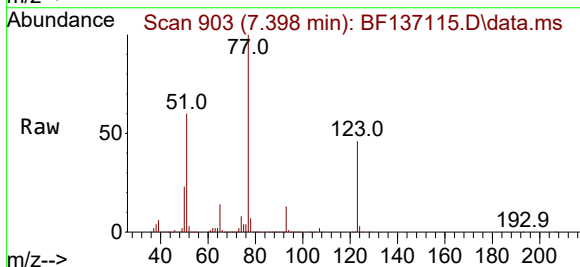
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

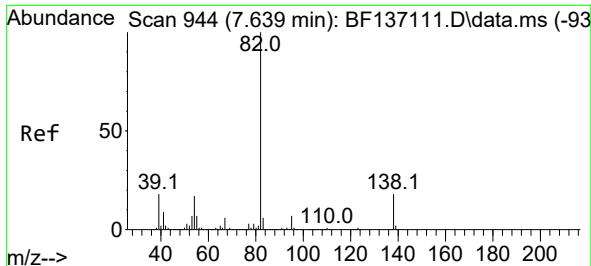
Tgt Ion: 82 Resp: 912583
Ion Ratio Lower Upper
82 100
128 43.2 33.8 50.8
54 57.9 47.4 71.0



#24
Nitrobenzene
Concen: 42.579 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion: 77 Resp: 484930
Ion Ratio Lower Upper
77 100
123 45.9 35.8 53.6
65 14.1 11.7 17.5

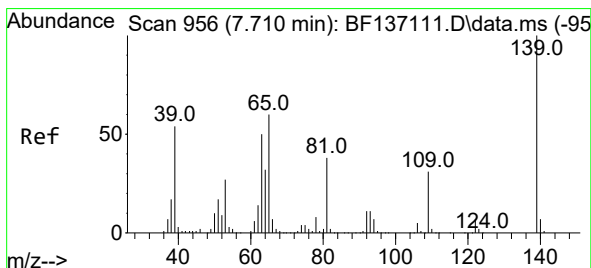
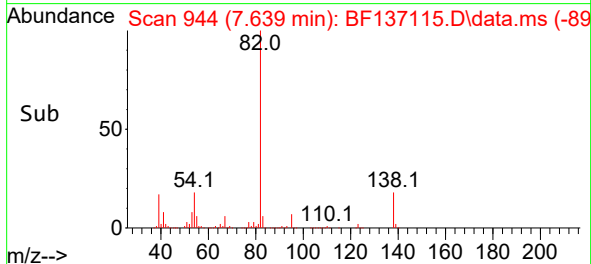
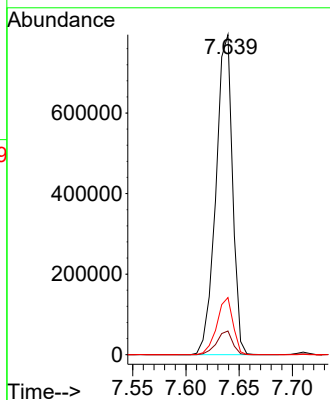
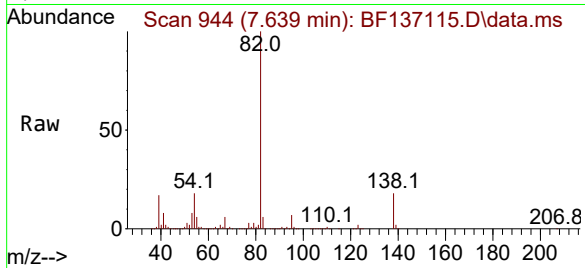




#25
Isophorone
Concen: 39.993 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

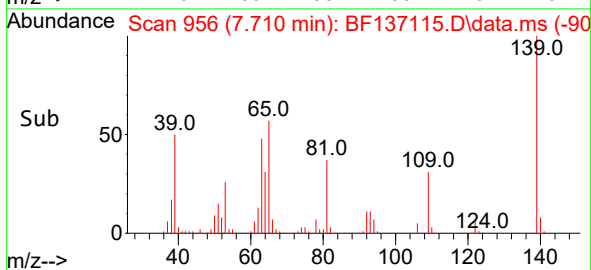
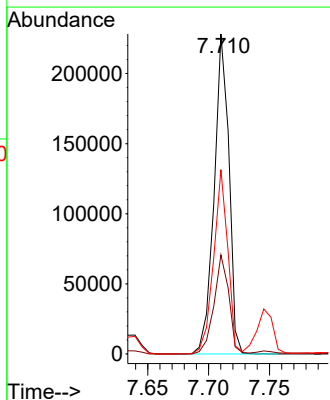
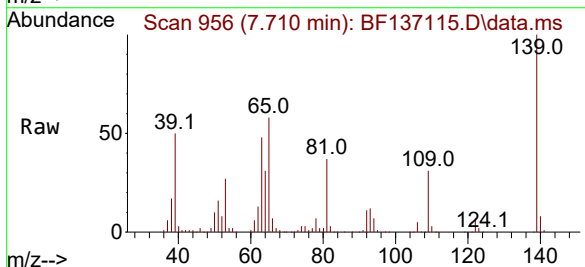
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

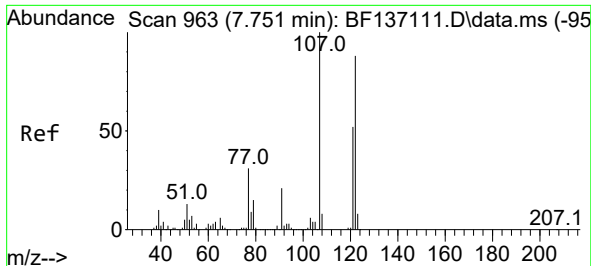
Tgt Ion: 82 Resp: 858837
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.9 14.3 21.5



#26
2-Nitrophenol
Concen: 41.971 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:139 Resp: 192611
Ion Ratio Lower Upper
139 100
109 31.0 25.2 37.8
65 57.6 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 40.125 ng

RT: 7.745 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

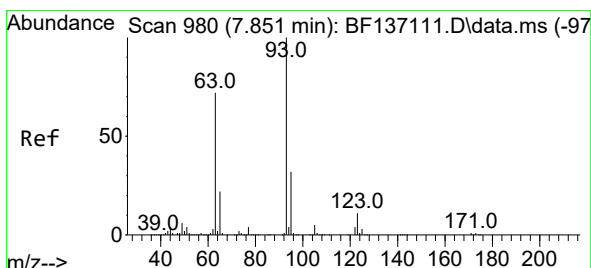
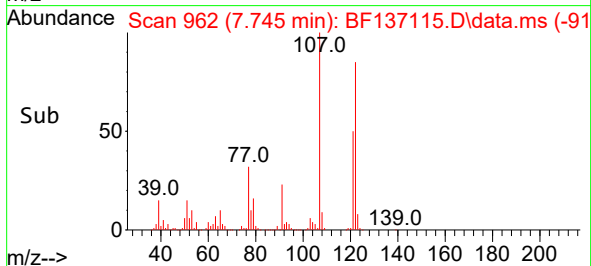
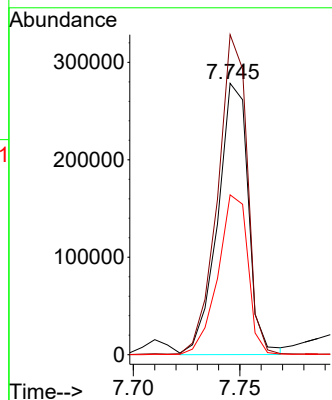
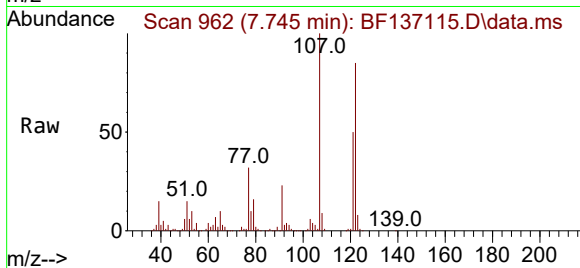
Tgt Ion:122 Resp: 277808

Ion Ratio Lower Upper

122 100

107 118.0 90.3 135.5

121 58.9 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.738 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

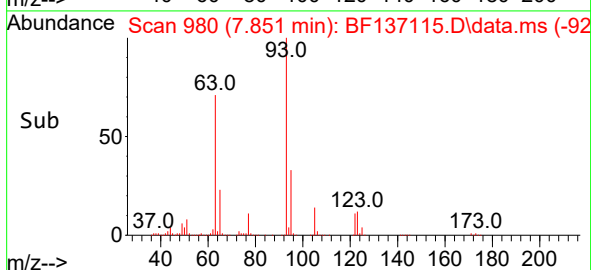
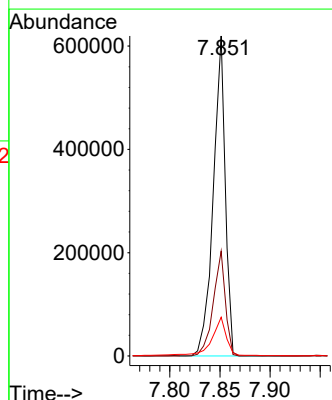
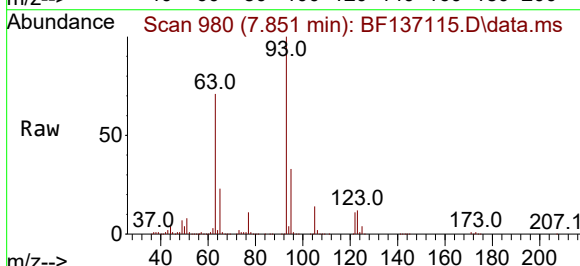
Tgt Ion: 93 Resp: 517321

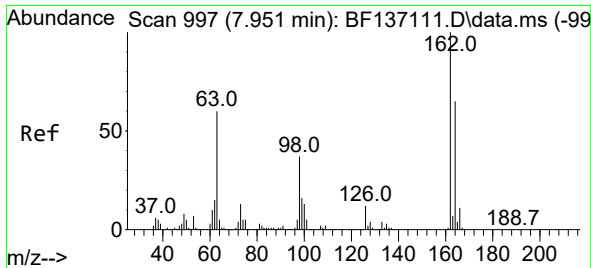
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 12.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 41.300 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

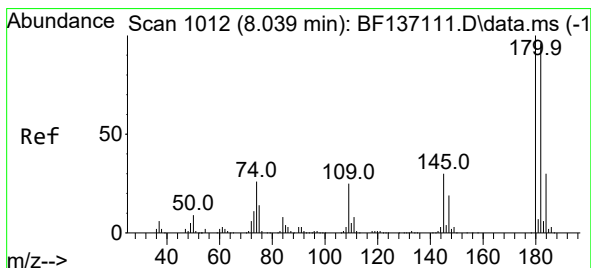
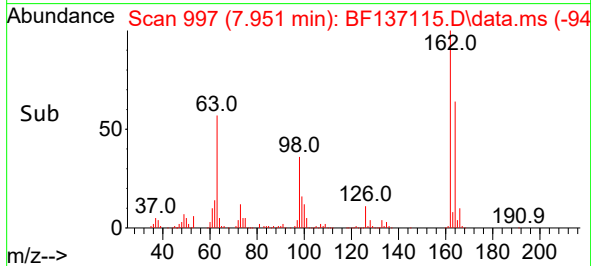
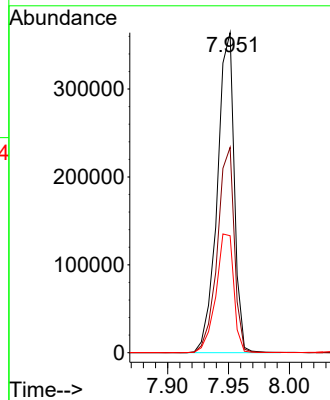
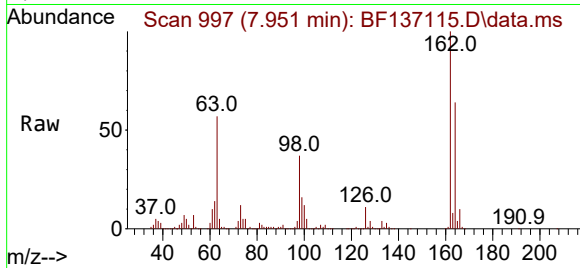
Tgt Ion:162 Resp: 353601

Ion Ratio Lower Upper

162 100

164 64.1 45.1 85.1

98 36.5 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 40.302 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

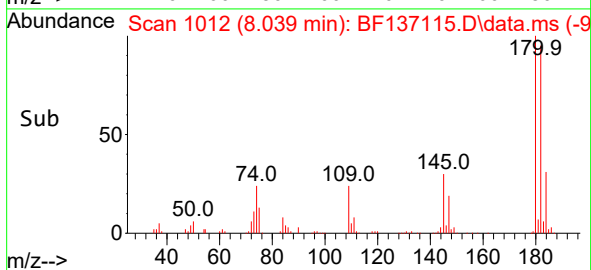
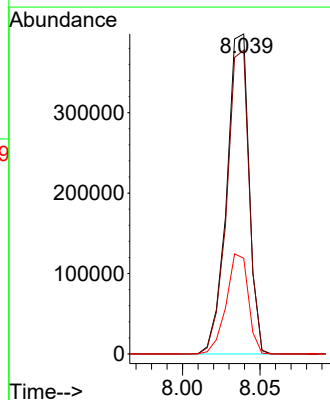
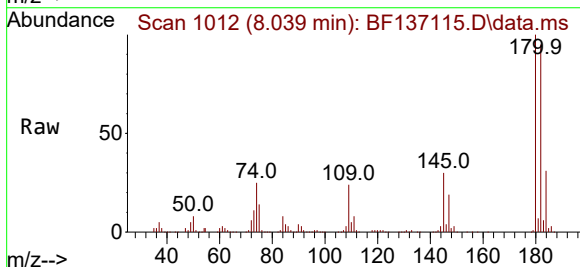
Tgt Ion:180 Resp: 398596

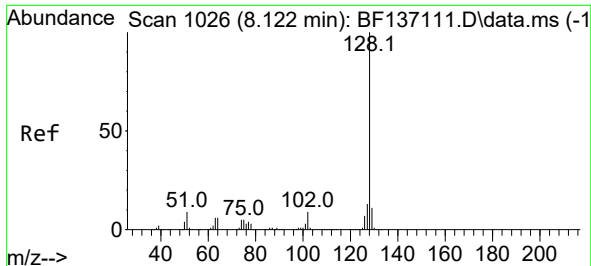
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.6

145 29.9 24.1 36.1

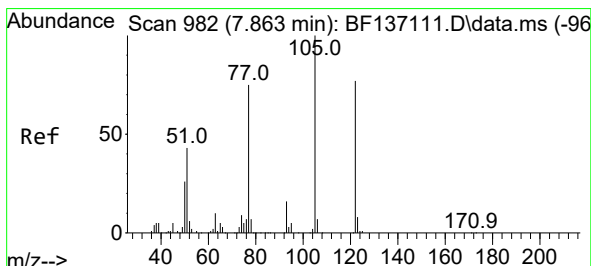
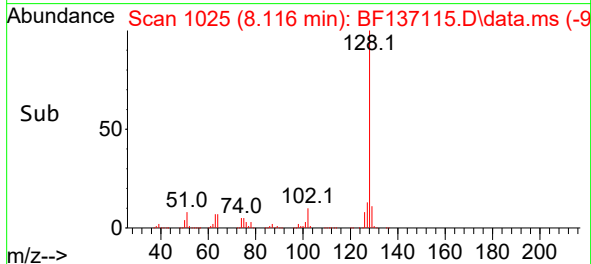
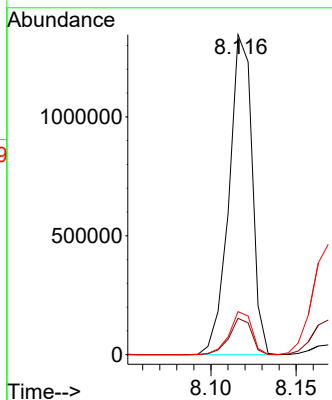
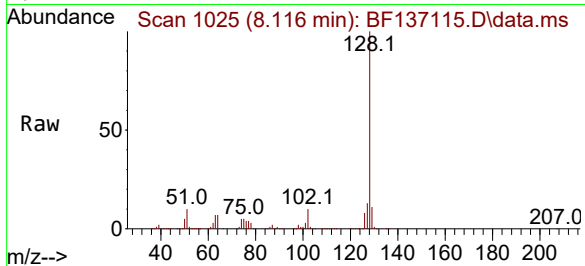




#31
Naphthalene
Concen: 40.156 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

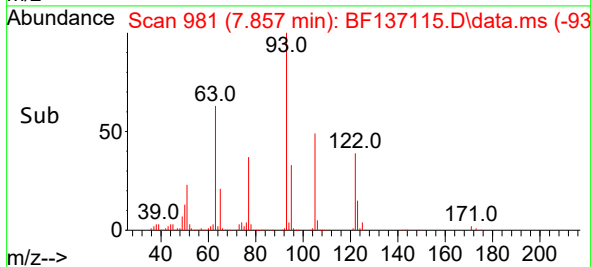
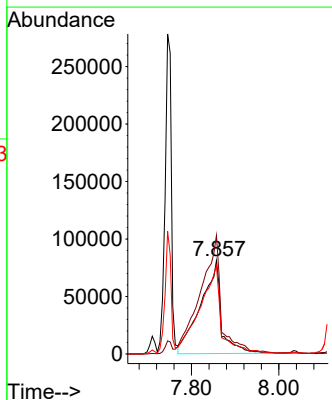
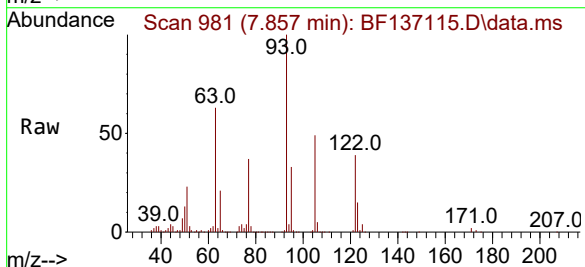
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

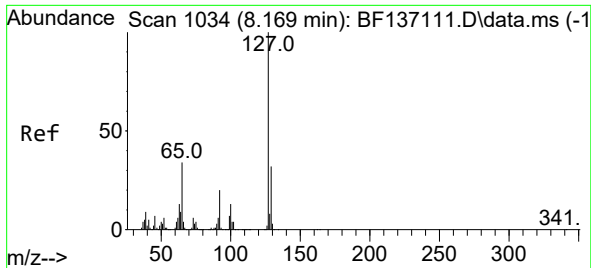
Tgt Ion:128 Resp: 1271552
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 43.794 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:122 Resp: 268414
Ion Ratio Lower Upper
122 100
105 127.0 107.0 147.0
77 94.5 76.3 116.3

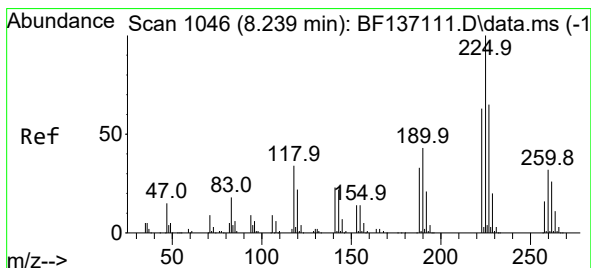
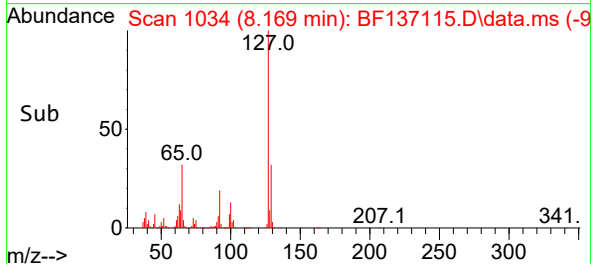
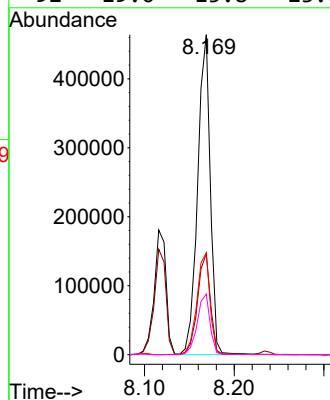
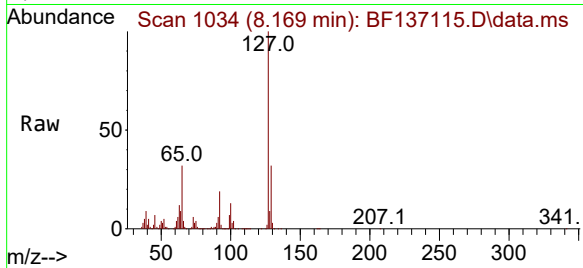




#33
4-Chloroaniline
Concen: 38.956 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

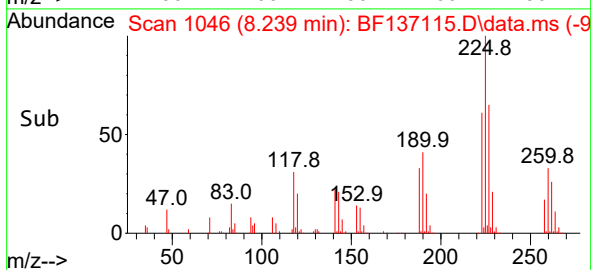
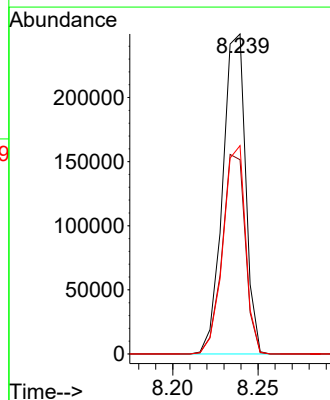
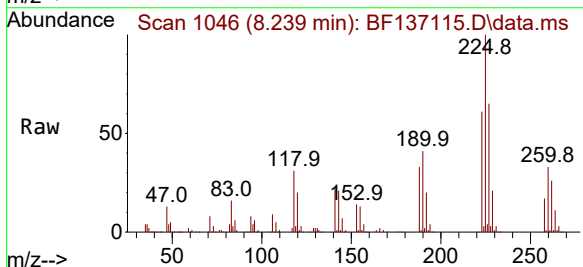
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

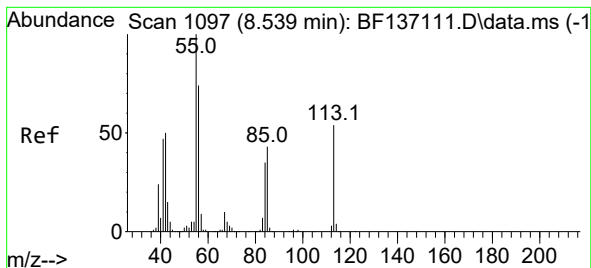
Tgt Ion:	127	Resp:	453883
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	31.8	26.9	40.3
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.602 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:	225	Resp:	233624
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	65.1	51.9	77.9





#35

Caprolactam

Concen: 40.604 ng

RT: 8.534 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

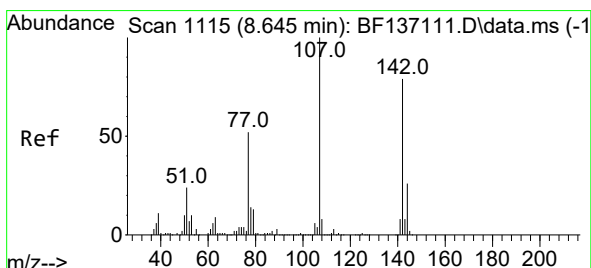
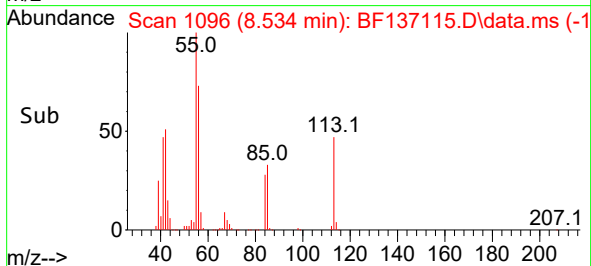
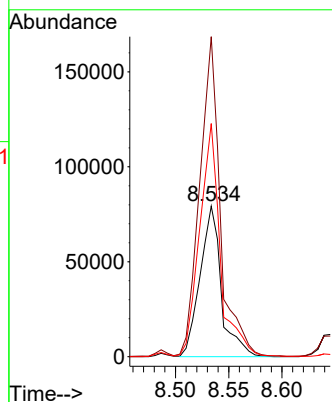
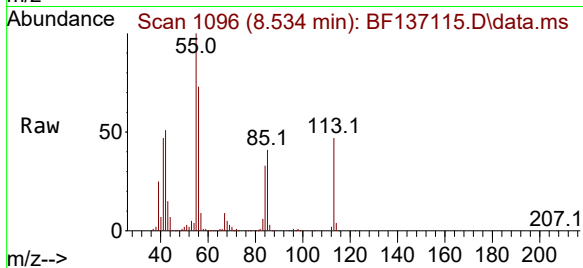
Tgt Ion:113 Resp: 110190

Ion Ratio Lower Upper

113 100

55 212.6 166.5 206.5#

56 154.8 117.1 157.1



#36

4-Chloro-3-methylphenol

Concen: 40.587 ng

RT: 8.645 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

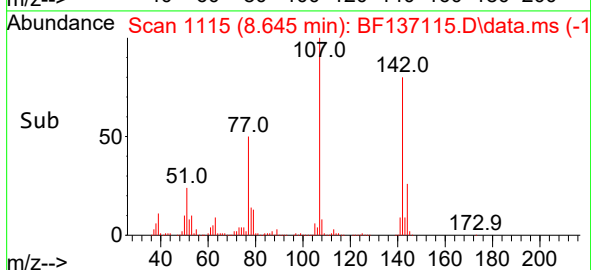
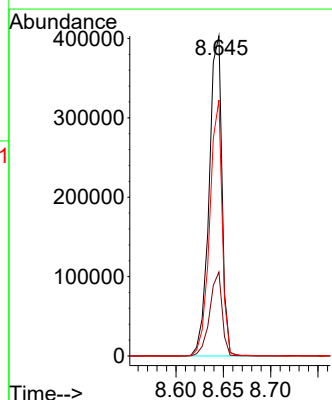
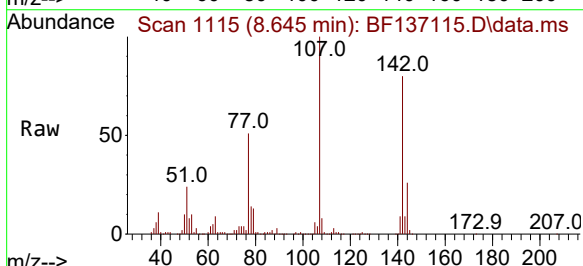
Tgt Ion:107 Resp: 379585

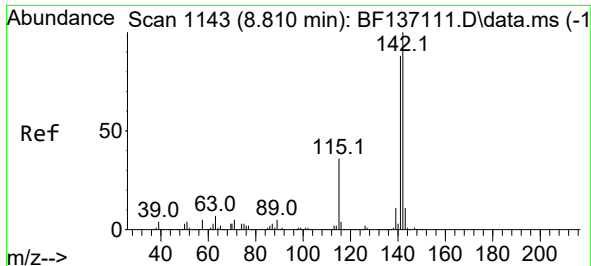
Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

142 80.0 63.3 94.9





#37

2-Methylnaphthalene

Concen: 40.214 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

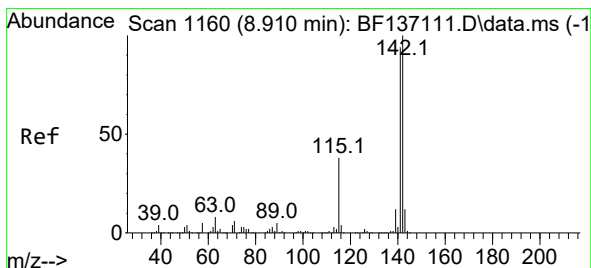
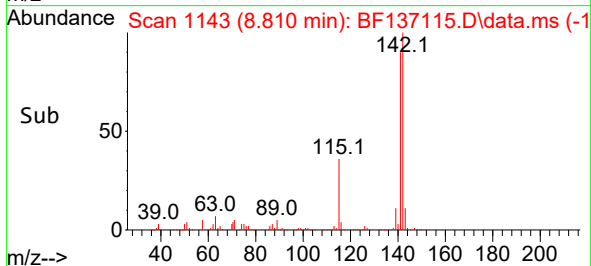
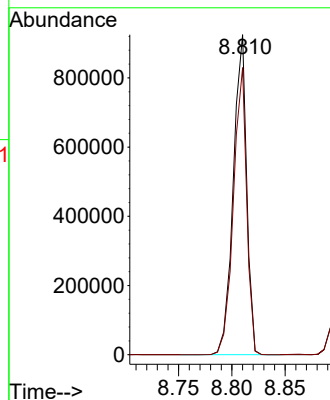
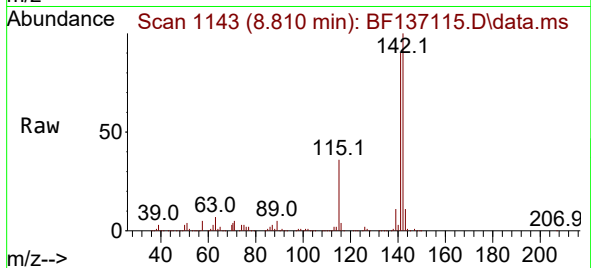
ICVBF011924

Tgt Ion:142 Resp: 810463

Ion Ratio Lower Upper

142 100

141 89.7 70.7 106.1



#38

1-Methylnaphthalene

Concen: 40.439 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF137115.D

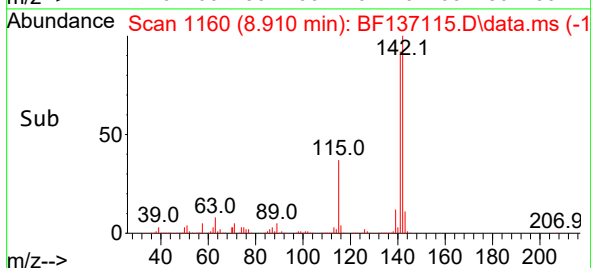
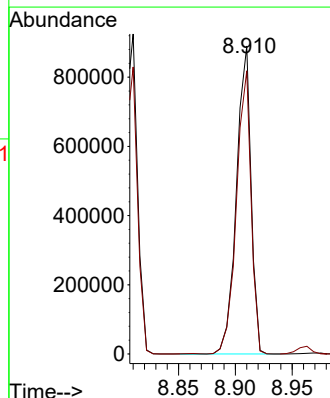
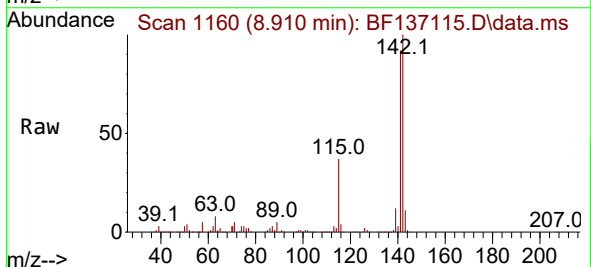
Acq: 19 Jan 2024 16:54

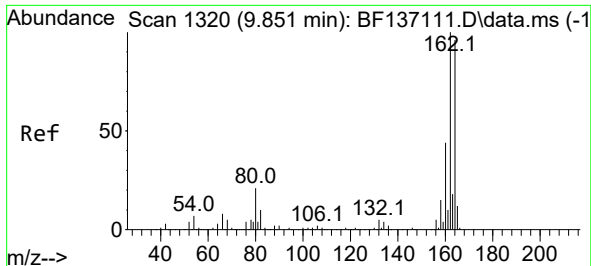
Tgt Ion:142 Resp: 794968

Ion Ratio Lower Upper

142 100

141 91.9 74.8 112.2

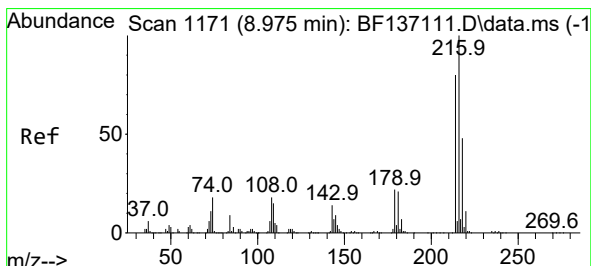
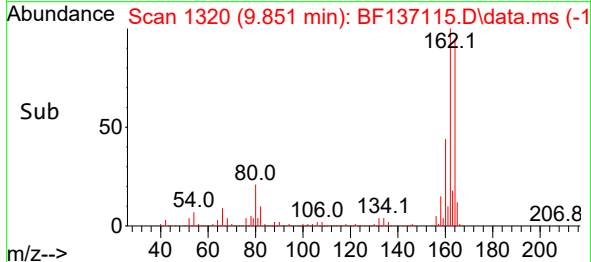
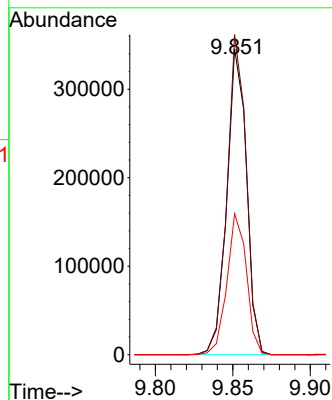
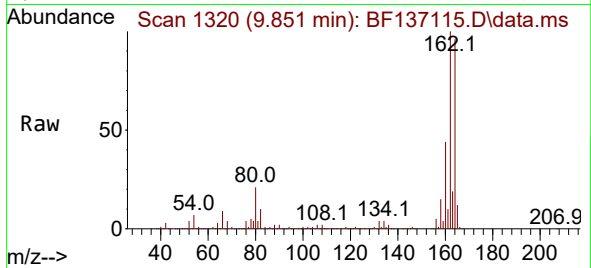




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

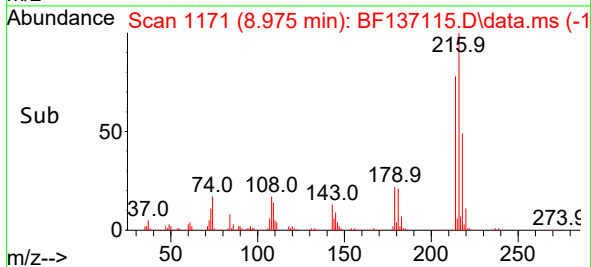
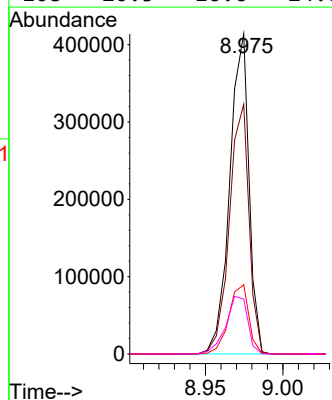
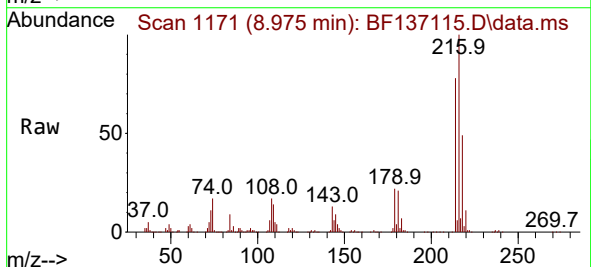
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

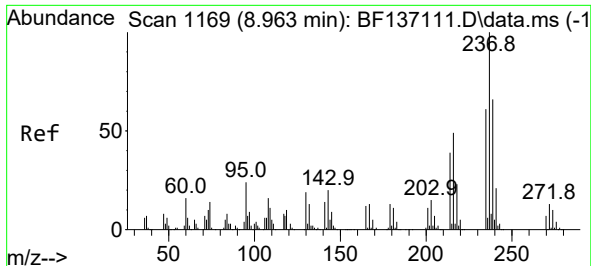
Tgt Ion:164 Resp: 304158
Ion Ratio Lower Upper
164 100
162 104.6 83.1 124.7
160 46.1 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.137 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:216 Resp: 357296
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 22.4 18.2 27.4
108 20.5 16.6 24.8

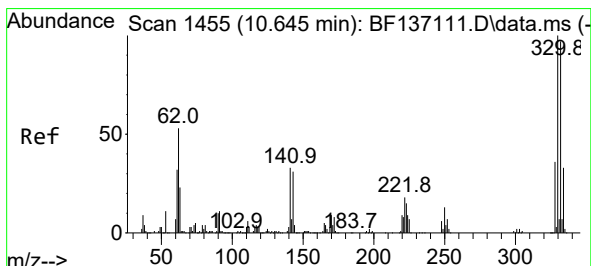
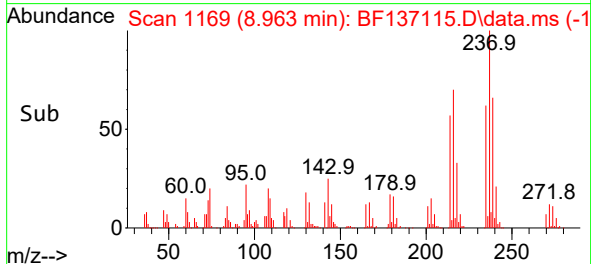
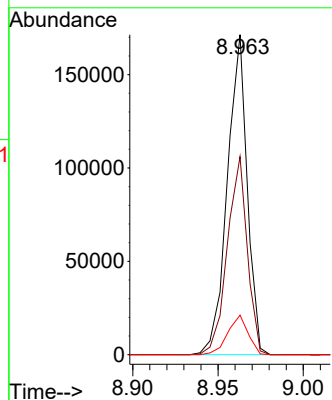
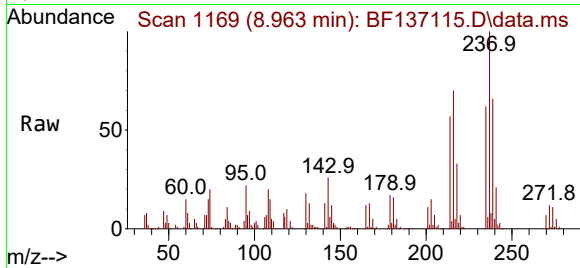




#41
Hexachlorocyclopentadiene
Concen: 40.666 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

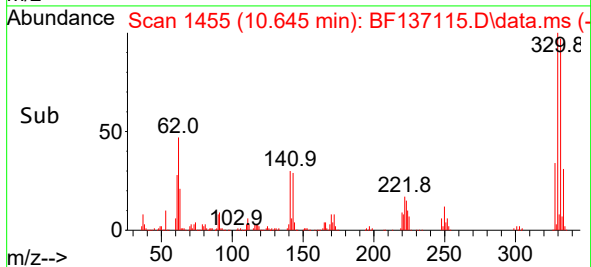
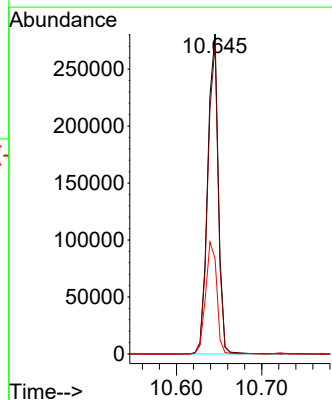
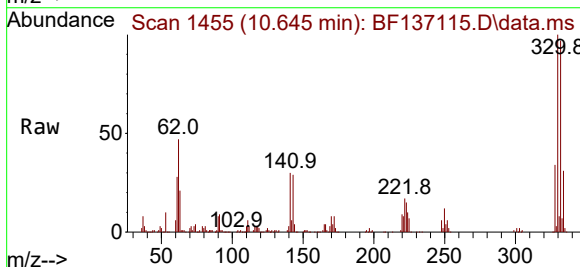
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

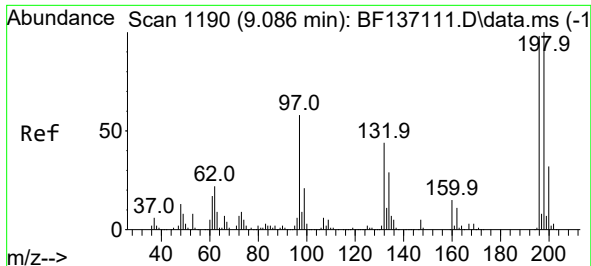
Tgt Ion:237 Resp: 139082
Ion Ratio Lower Upper
237 100
235 61.9 41.3 81.3
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 82.849 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:330 Resp: 243987
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 36.6 30.2 45.4





#43

2,4,6-Trichlorophenol

Concen: 40.664 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

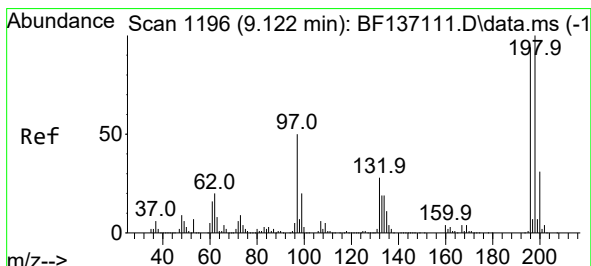
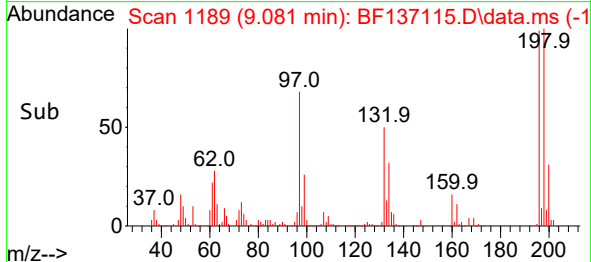
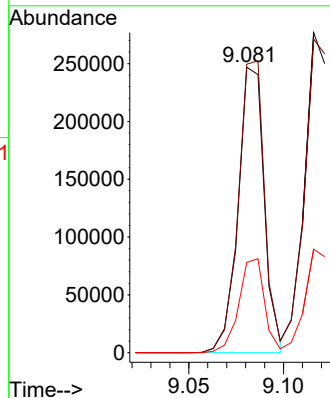
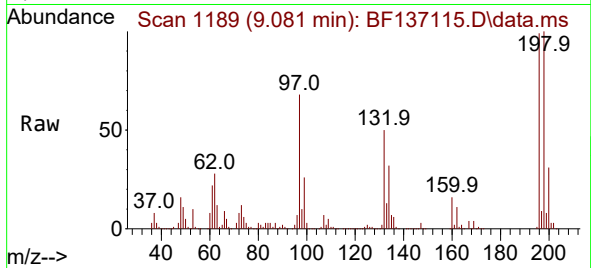
Tgt Ion:196 Resp: 235629

Ion Ratio Lower Upper

196 100

198 101.1 81.8 122.8

200 31.6 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 41.144 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Tgt Ion:196 Resp: 259876

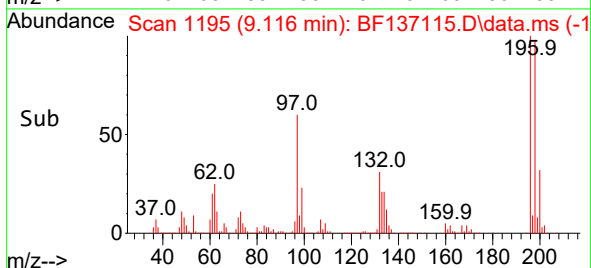
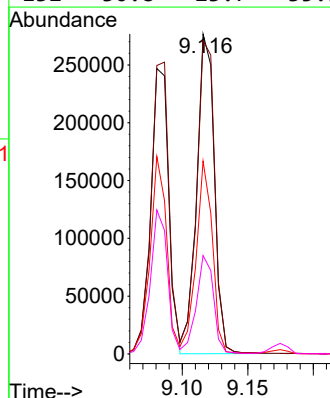
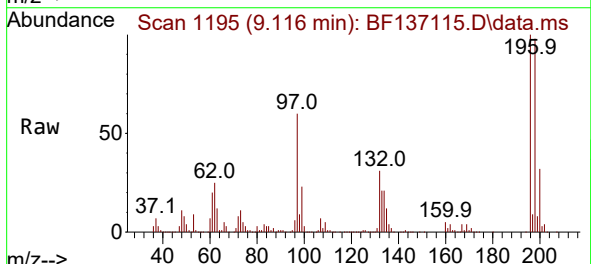
Ion Ratio Lower Upper

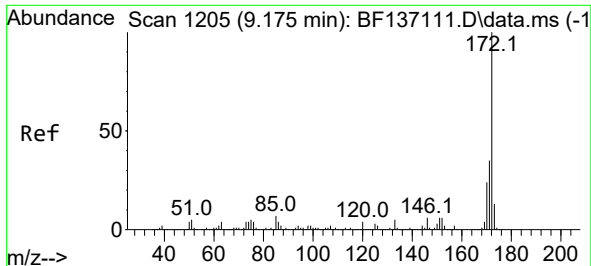
196 100

198 97.9 84.6 126.8

97 60.2 41.8 62.8

132 30.8 23.7 35.5

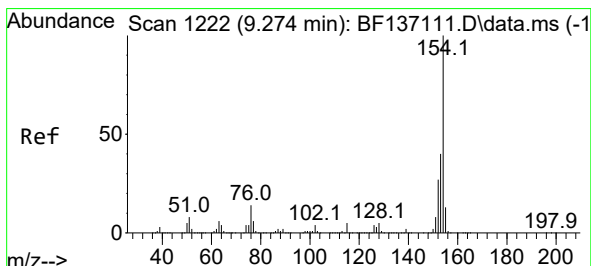
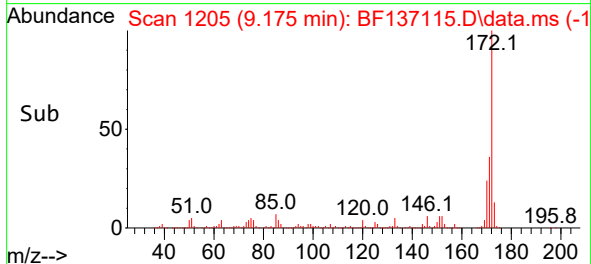
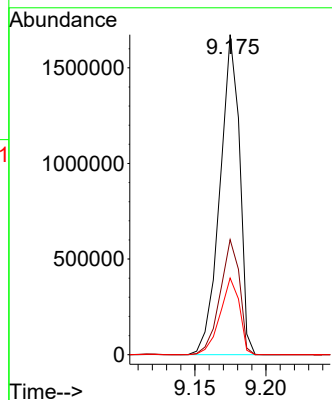
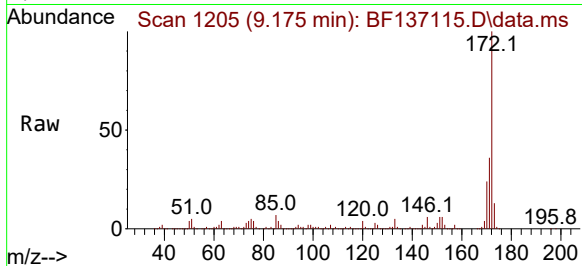




#45
2-Fluorobiphenyl
Concen: 79.288 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

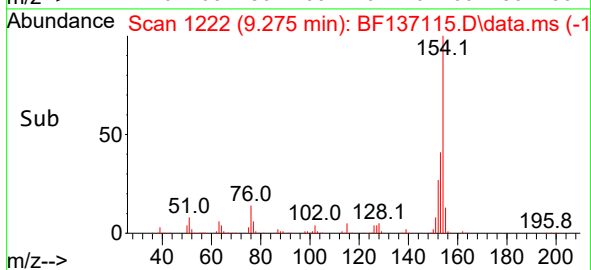
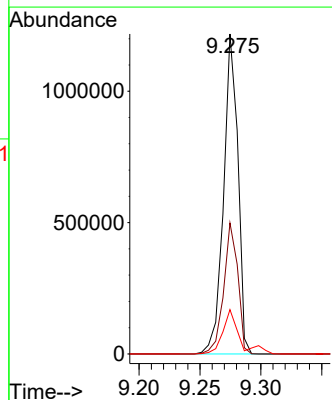
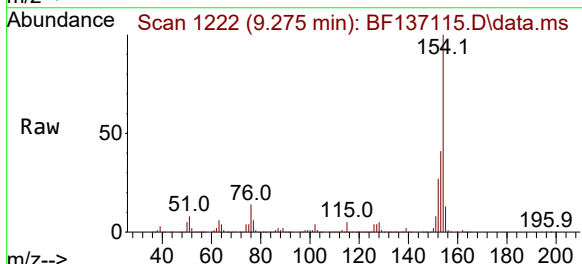
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

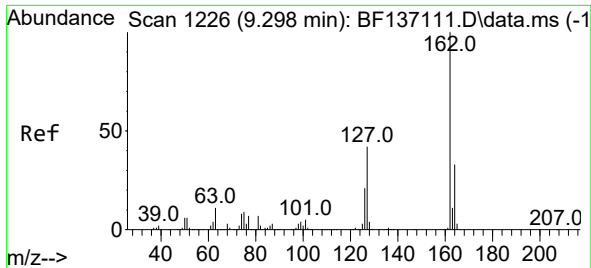
Tgt Ion:172 Resp: 1606786
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.240 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:154 Resp: 996401
Ion Ratio Lower Upper
154 100
153 41.0 20.1 60.1
76 13.8 0.0 33.5

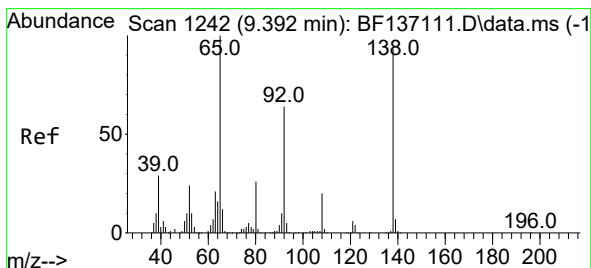
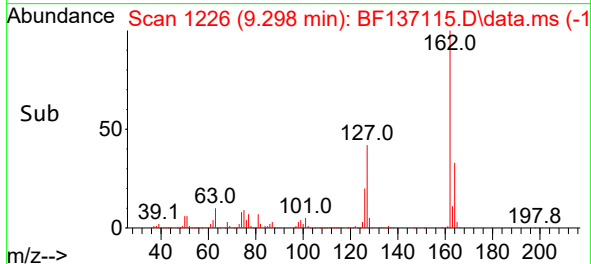
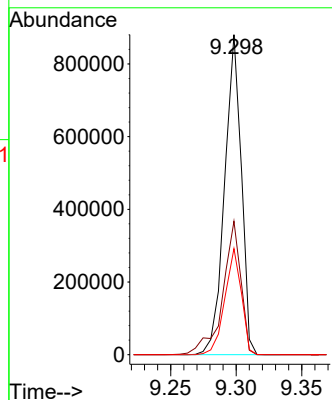
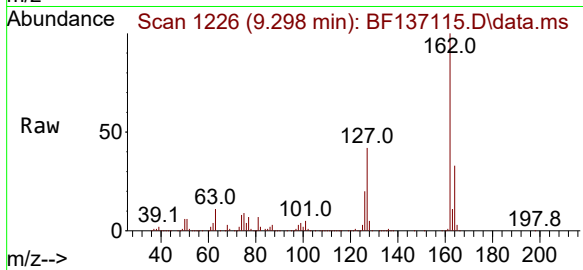




#47
2-Chloronaphthalene
Concen: 40.537 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

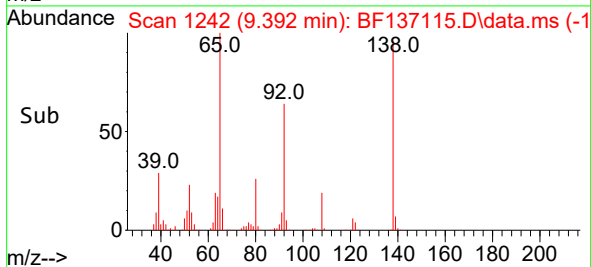
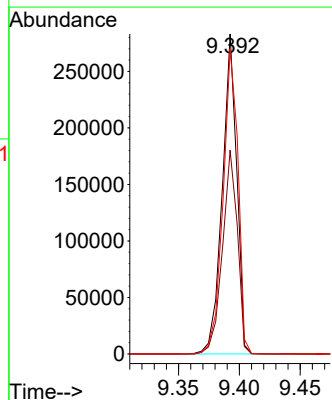
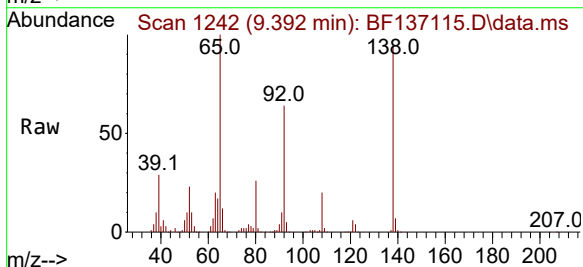
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

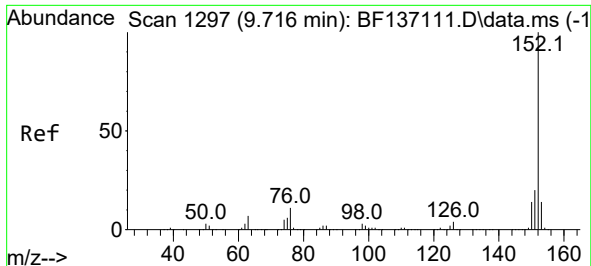
Tgt Ion:162 Resp: 777346
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.8
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 46.523 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion: 65 Resp: 234341
Ion Ratio Lower Upper
65 100
92 63.7 51.1 76.7
138 95.3 74.2 111.4





#49

Acenaphthylene

Concen: 40.595 ng

RT: 9.716 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

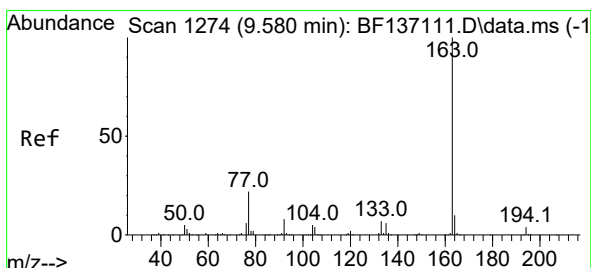
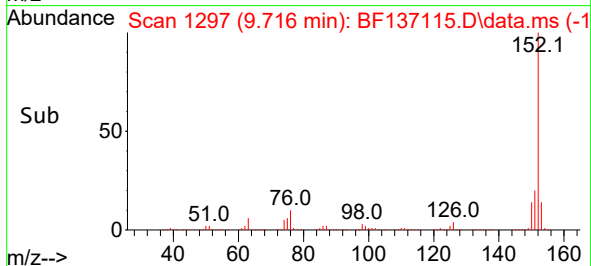
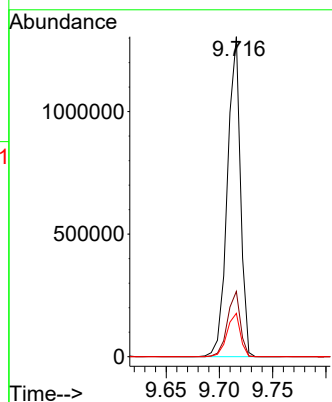
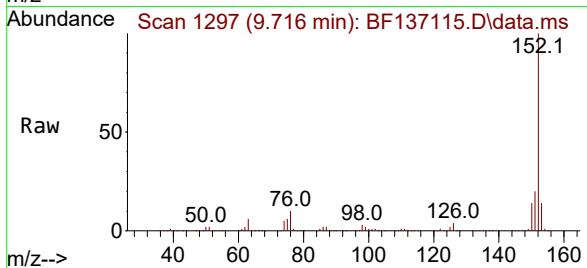
Tgt Ion:152 Resp: 1108538

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 40.176 ng

RT: 9.581 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

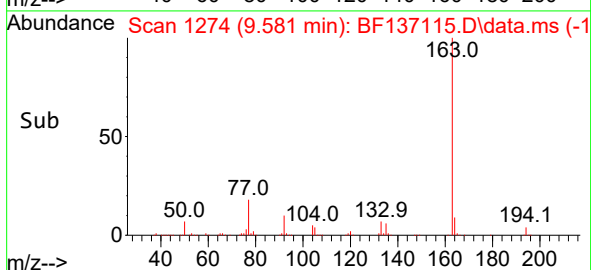
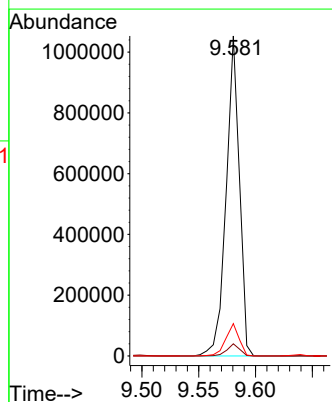
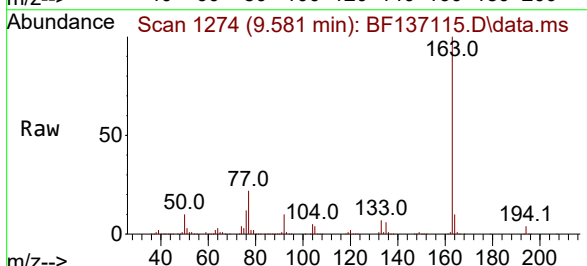
Tgt Ion:163 Resp: 854971

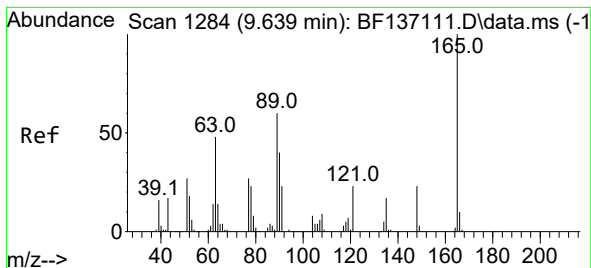
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 45.612 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

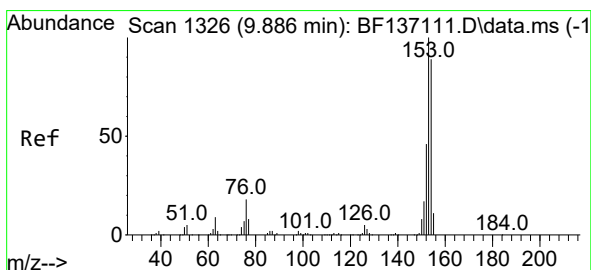
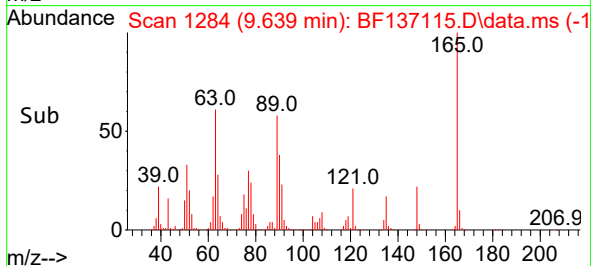
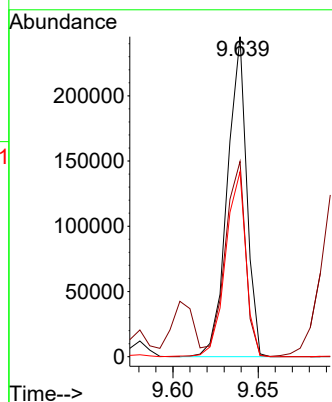
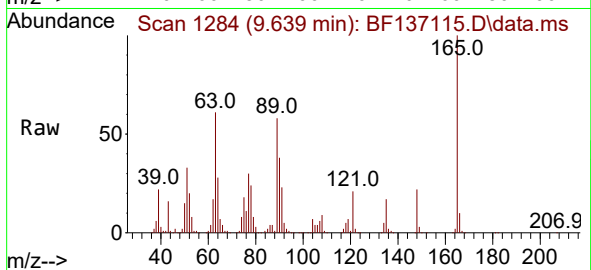
Tgt Ion:165 Resp: 193492

Ion Ratio Lower Upper

165 100

63 61.0 50.8 76.2

89 57.8 48.1 72.1



#52

Acenaphthene

Concen: 40.481 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

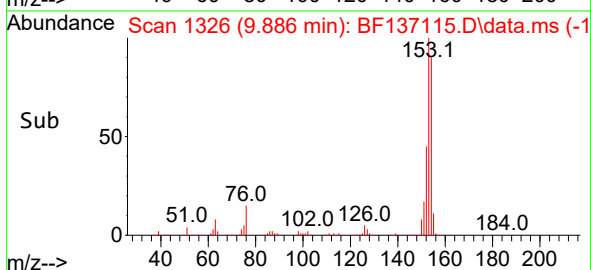
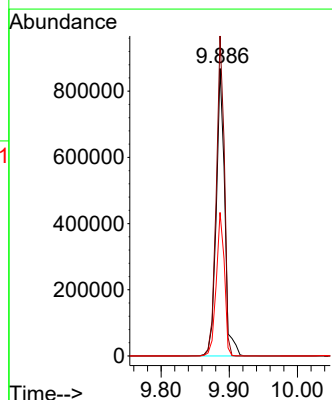
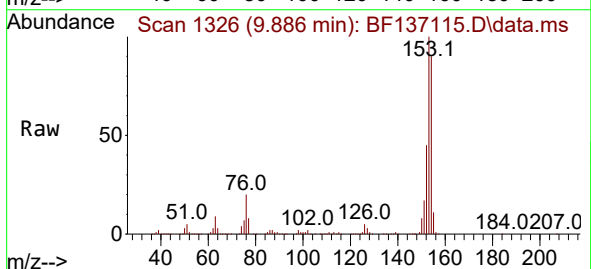
Tgt Ion:154 Resp: 750492

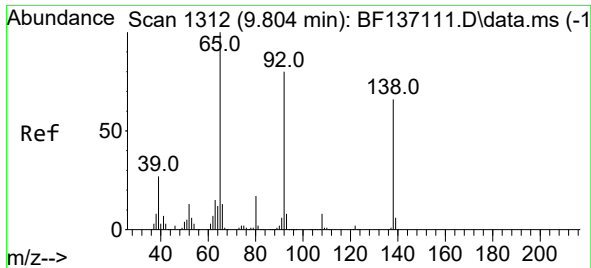
Ion Ratio Lower Upper

154 100

153 111.3 89.9 134.9

152 49.9 41.1 61.7

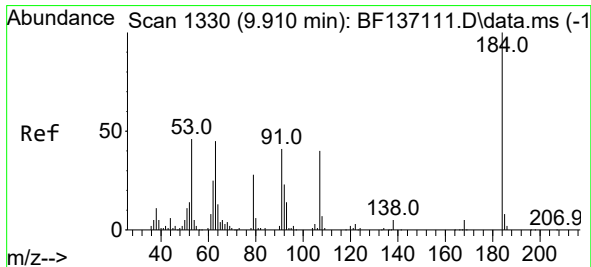
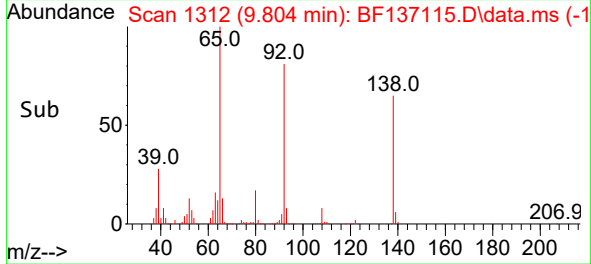
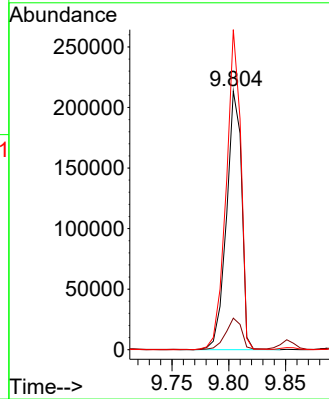
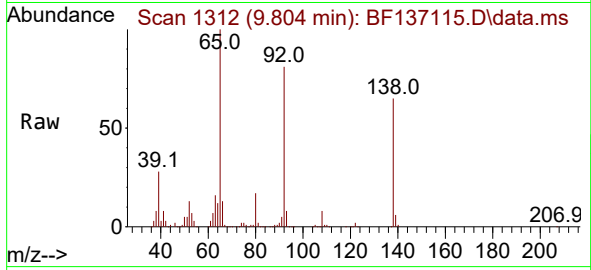




#53
3-Nitroaniline
Concen: 43.765 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

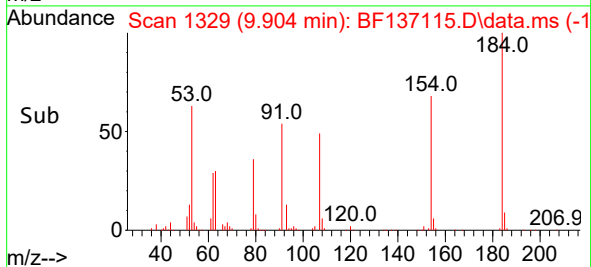
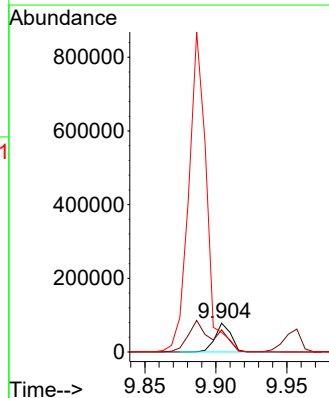
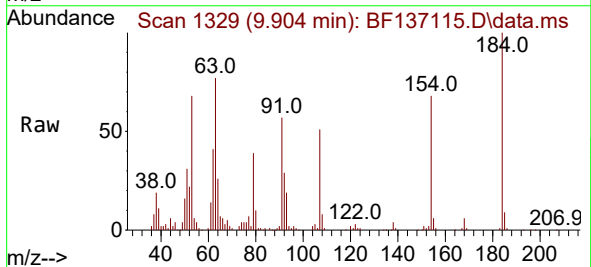
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

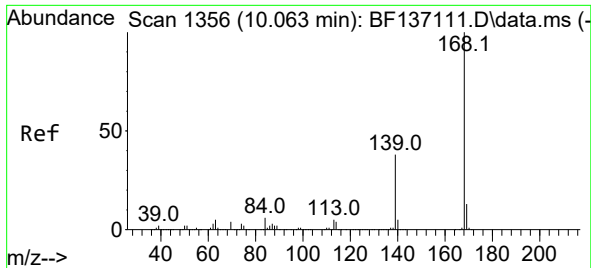
Tgt Ion:138 Resp: 197916
Ion Ratio Lower Upper
138 100
108 12.2 10.1 15.1
92 123.7 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 40.756 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:184 Resp: 60708
Ion Ratio Lower Upper
184 100
63 77.1 47.8 71.8#
154 67.7 49.2 73.8

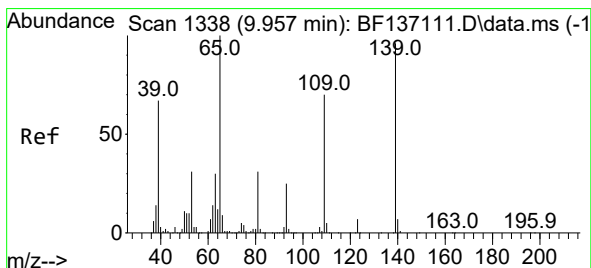
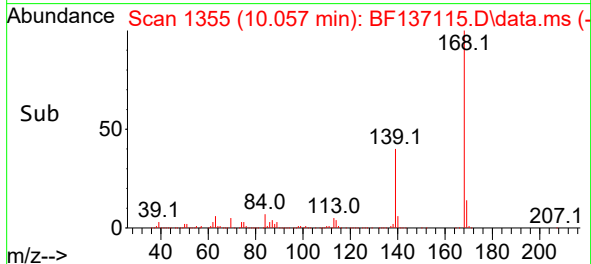
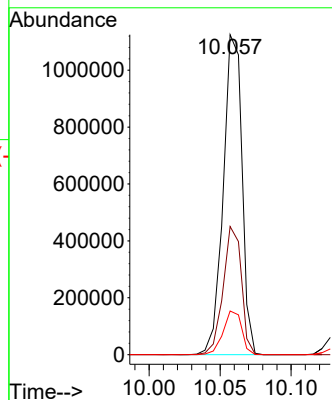
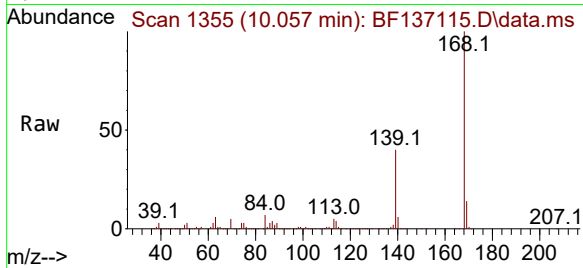




#55
Dibenzenofuran
Concen: 40.179 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

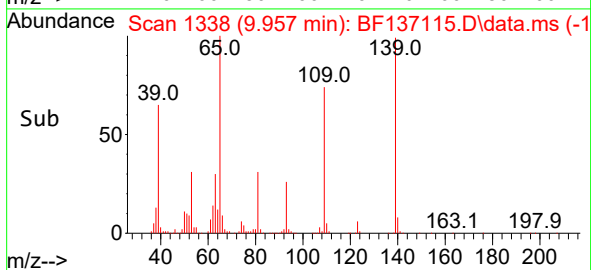
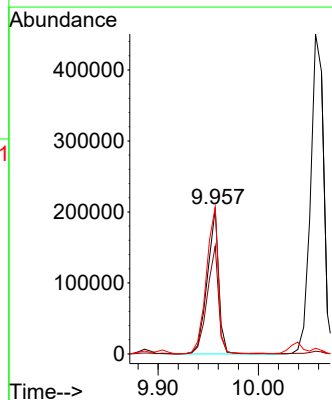
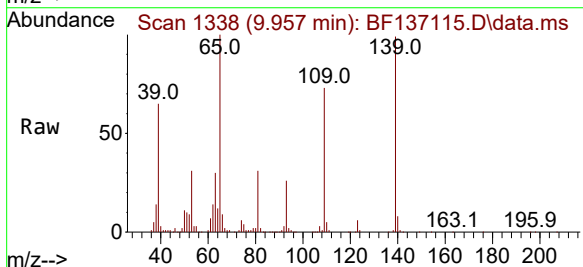
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

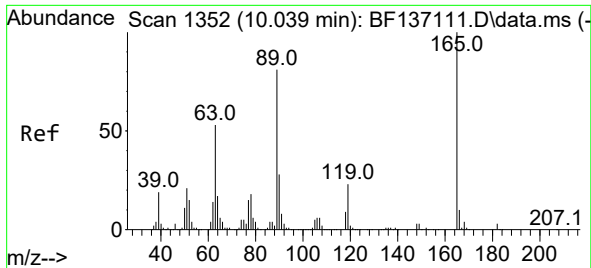
Tgt Ion:168 Resp: 1031023
Ion Ratio Lower Upper
168 100
139 40.1 30.6 45.8
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 44.411 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:139 Resp: 162968
Ion Ratio Lower Upper
139 100
109 74.4 53.4 93.4
65 101.2 84.7 124.7

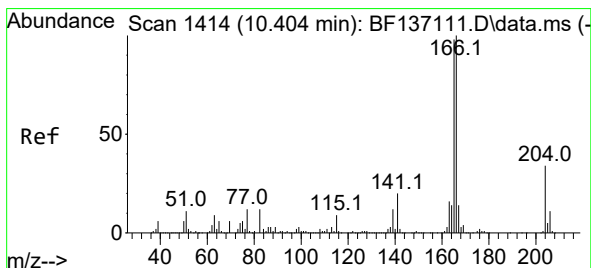
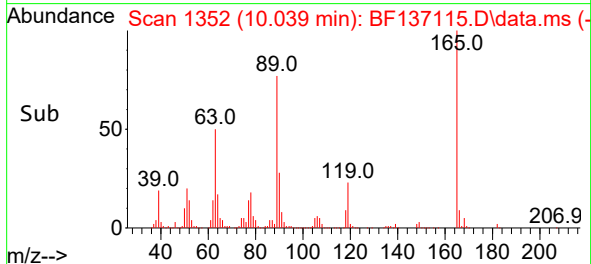
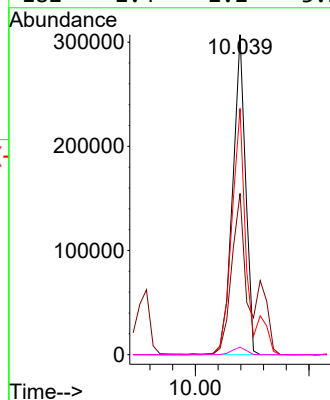
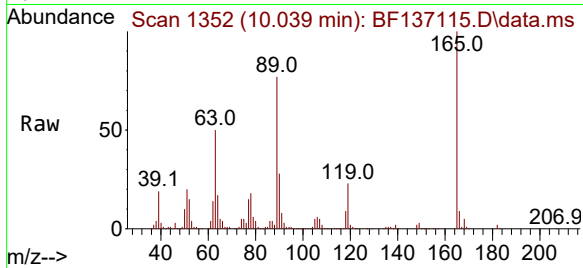




#57
2,4-Dinitrotoluene
Concen: 47.629 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

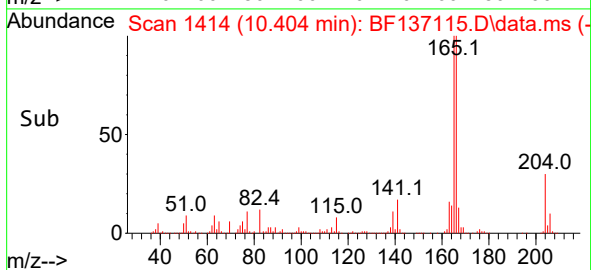
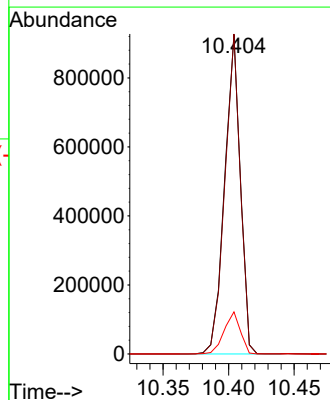
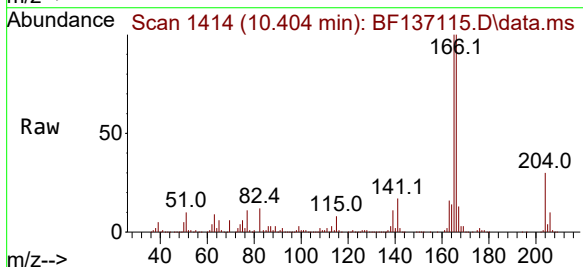
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

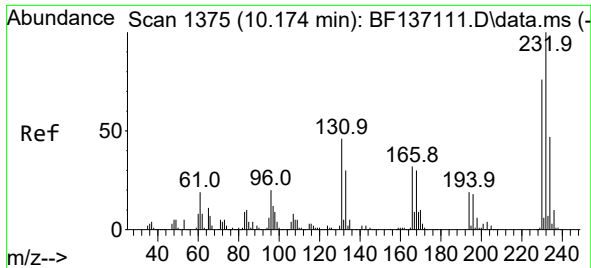
Tgt Ion:	165	Resp:	241620
Ion	Ratio	Lower	Upper
165	100		
63	50.4	42.3	63.5
89	76.9	65.0	97.4
182	2.4	2.2	3.2



#58
Fluorene
Concen: 39.856 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:	166	Resp:	769776
Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.5	117.7
167	13.2	11.0	16.6

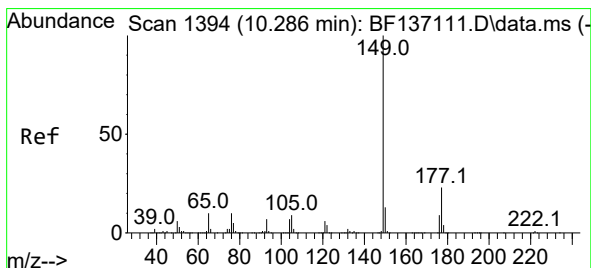
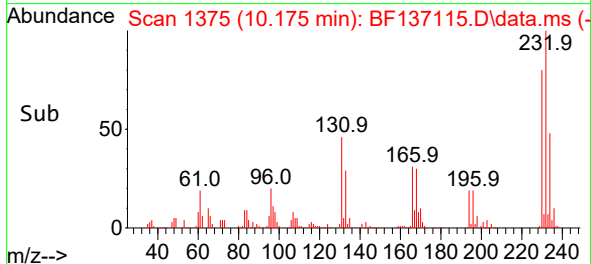
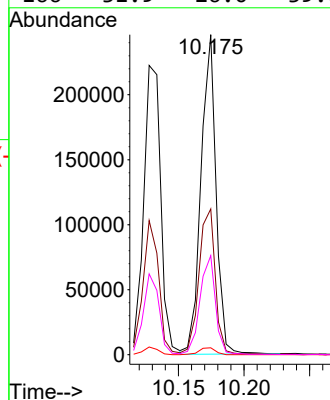
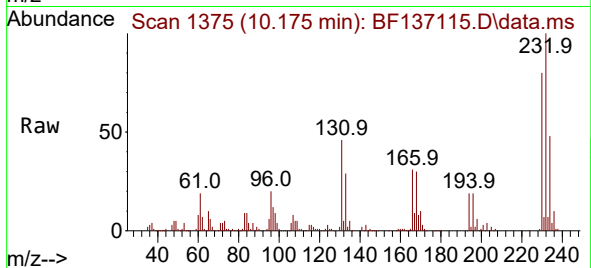




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.140 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

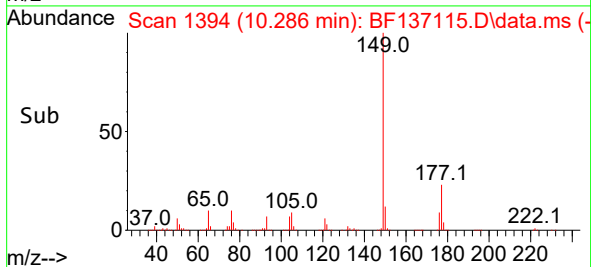
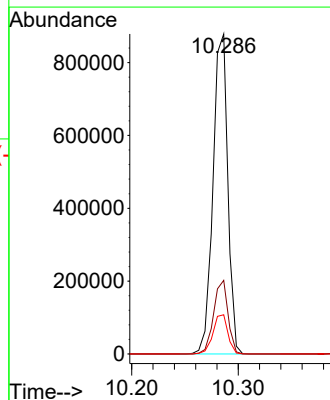
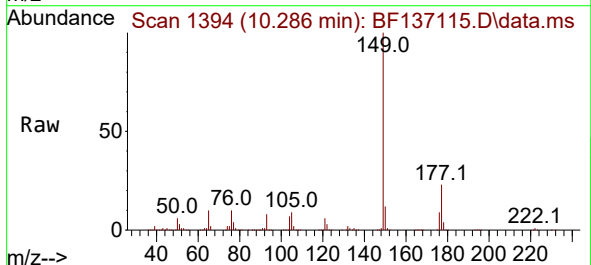
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

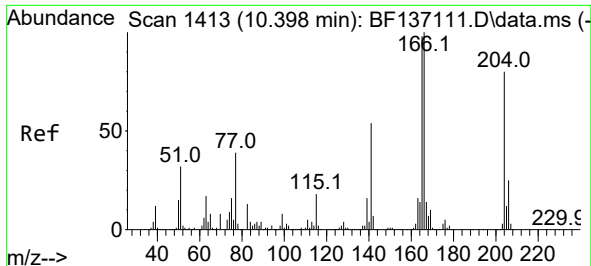
Tgt Ion:232 Resp: 196667
Ion Ratio Lower Upper
232 100
131 50.2 38.4 57.6
130 2.4 1.9 2.9
166 31.9 26.0 39.0



#60
Diethylphthalate
Concen: 40.597 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:149 Resp: 850277
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.2 10.1 15.1

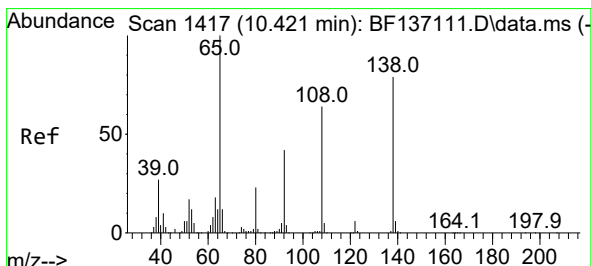
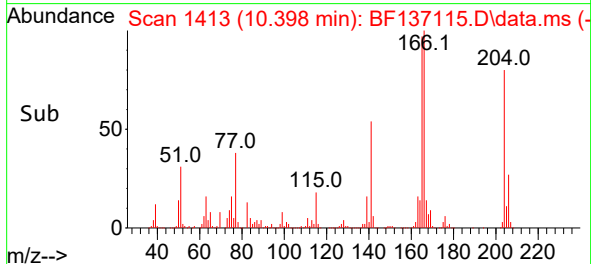
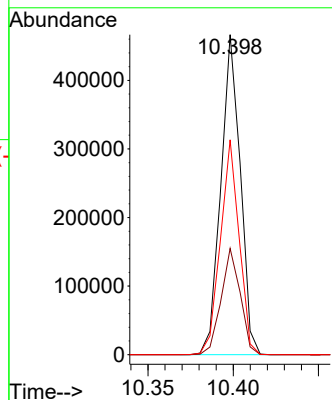
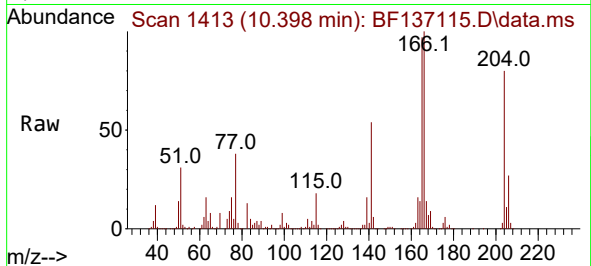




#61
4-Chlorophenyl-phenylether
Concen: 39.406 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

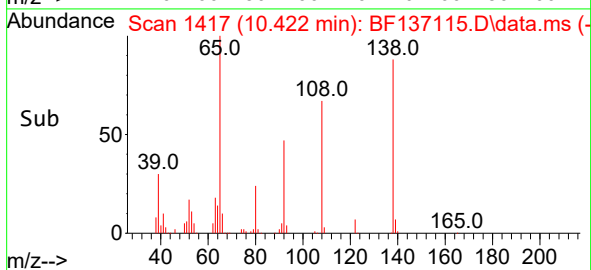
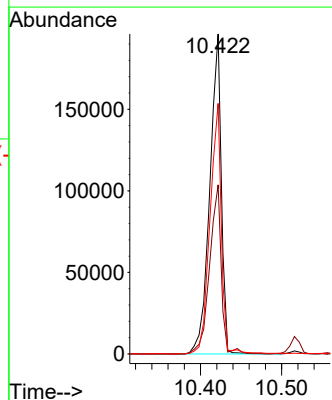
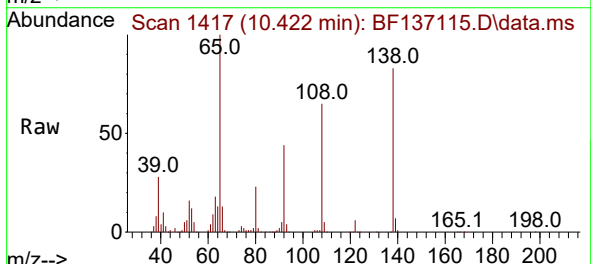
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

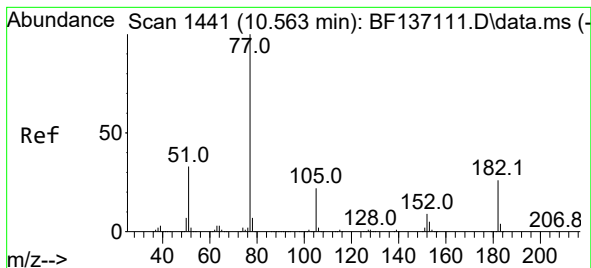
Tgt Ion:204 Resp: 369373
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.2
141 67.1 54.4 81.6



#62
4-Nitroaniline
Concen: 44.897 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:138 Resp: 193554
Ion Ratio Lower Upper
138 100
92 52.8 33.1 73.1
108 78.3 60.6 100.6





#63

Azobenzene

Concen: 40.171 ng

RT: 10.563 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

Tgt Ion: 77 Resp: 880632

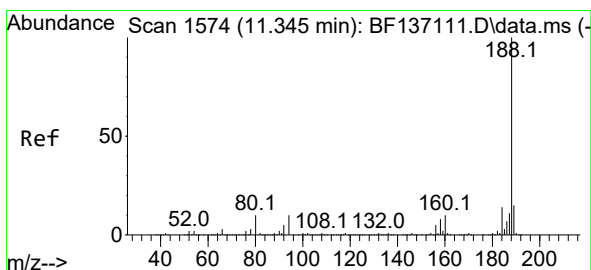
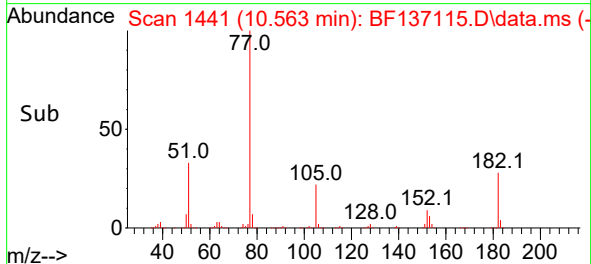
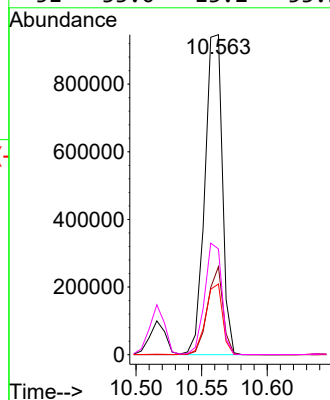
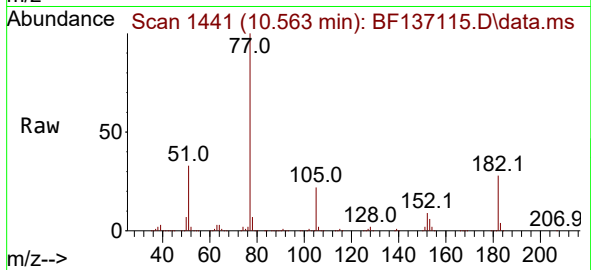
Ion Ratio Lower Upper

77 100

182 27.5 6.1 46.1

105 22.1 2.2 42.2

51 33.0 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

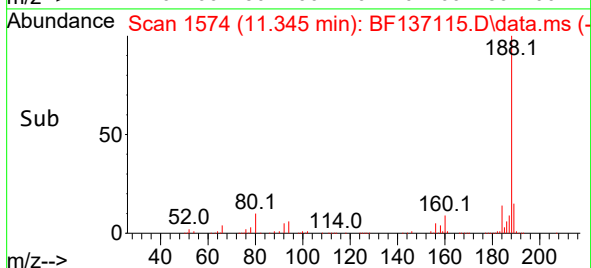
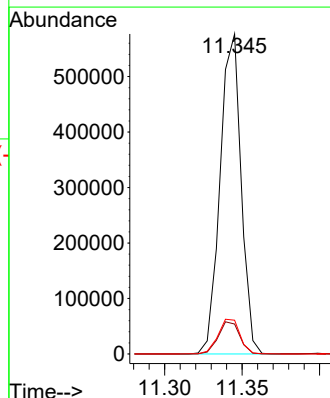
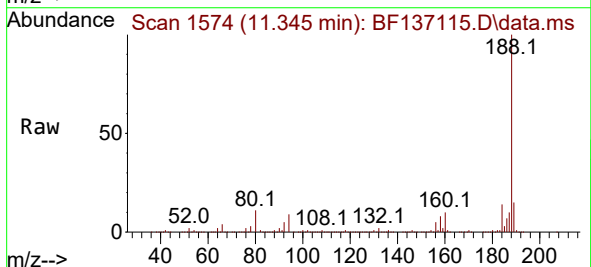
Tgt Ion: 188 Resp: 544254

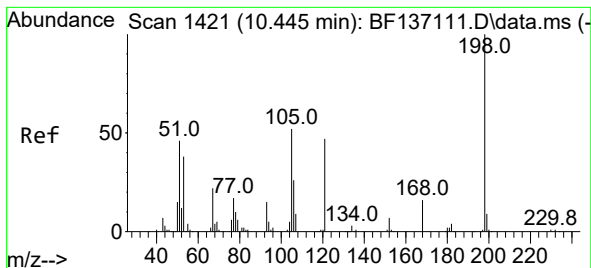
Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.5 8.2 12.2

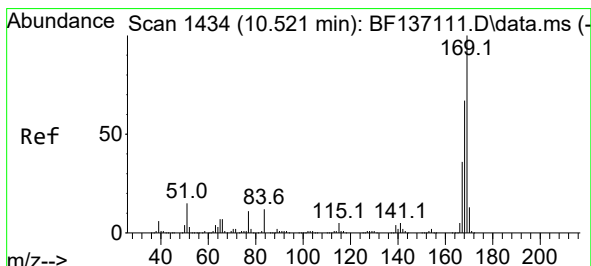
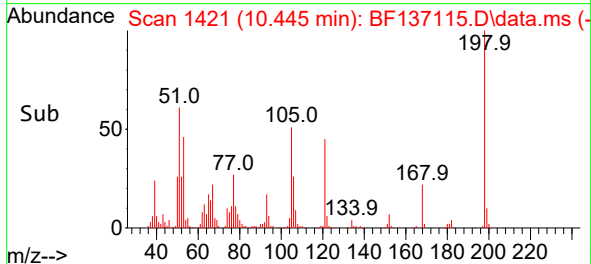
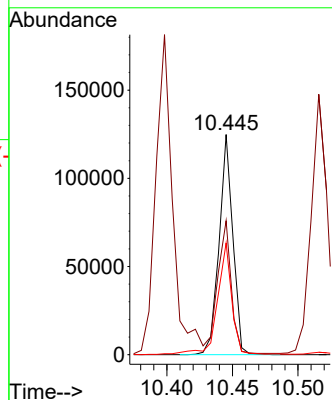
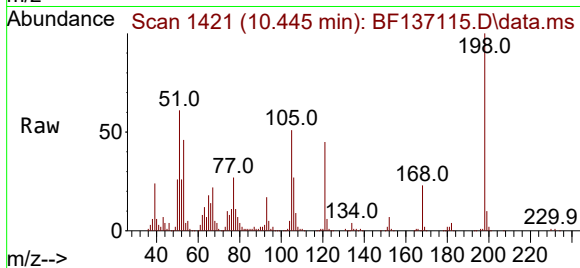




#65
4,6-Dinitro-2-methylphenol
Concen: 40.601 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

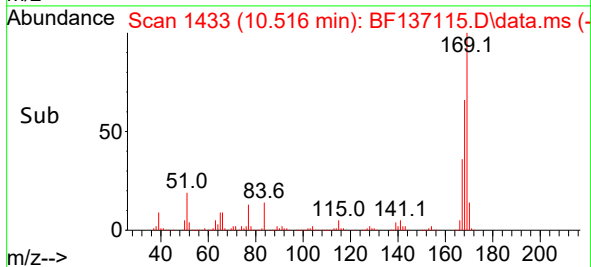
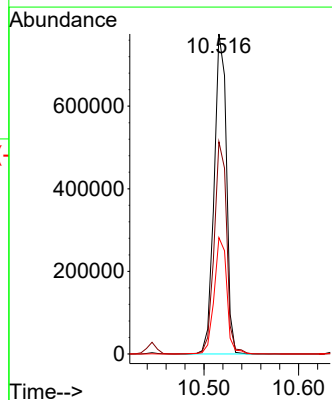
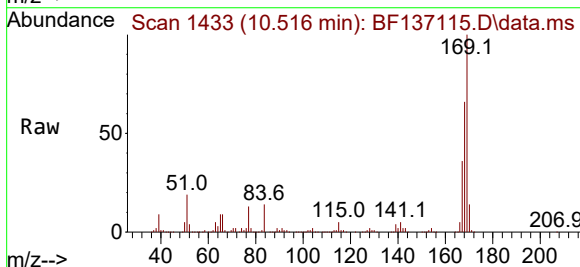
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

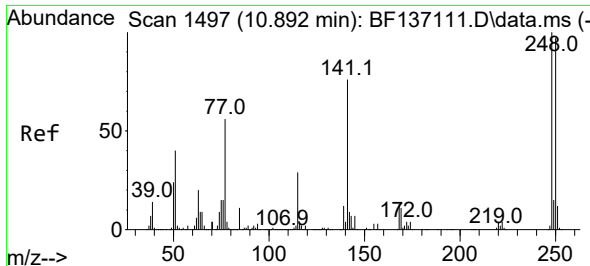
Tgt Ion:198 Resp: 90761
Ion Ratio Lower Upper
198 100
51 60.8 44.4 84.4
105 50.8 33.6 73.6



#66
n-Nitrosodiphenylamine
Concen: 39.959 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:169 Resp: 694341
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.3 28.8 43.2

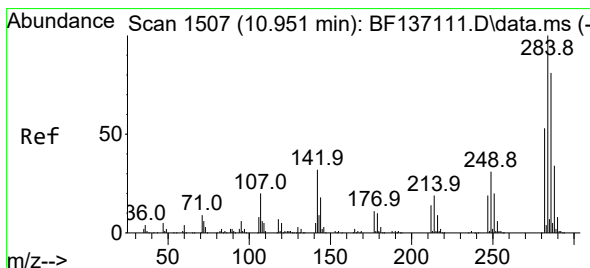
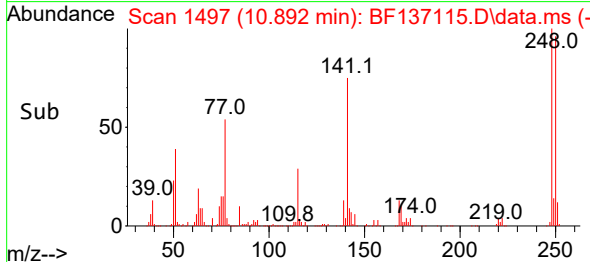
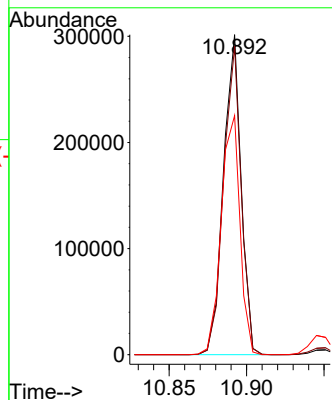
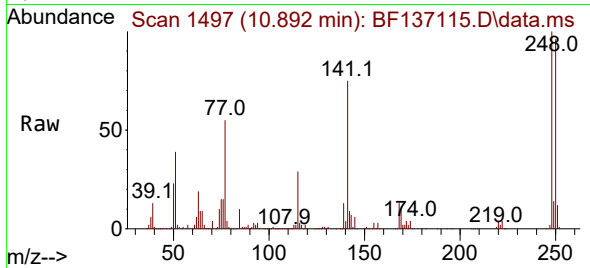




#67
4-Bromophenyl-phenylether
Concen: 40.695 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

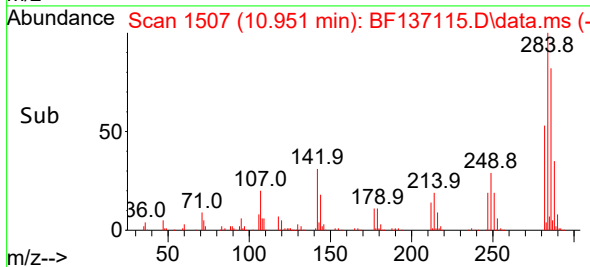
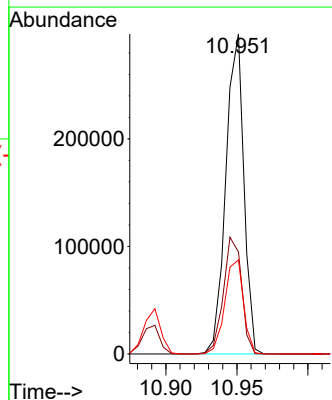
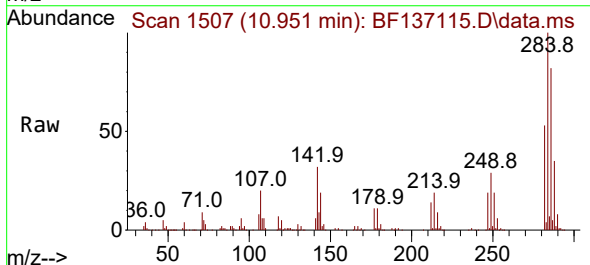
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

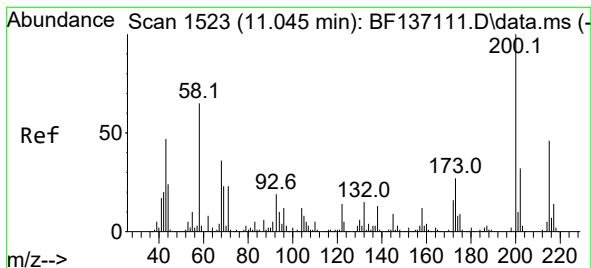
Tgt Ion:248 Resp: 239359
Ion Ratio Lower Upper
248 100
250 96.4 77.3 115.9
141 74.7 61.2 91.8



#68
Hexachlorobenzene
Concen: 39.422 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:284 Resp: 261584
Ion Ratio Lower Upper
284 100
142 31.9 25.8 38.8
249 29.4 24.4 36.6





#69

Atrazine

Concen: 42.488 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

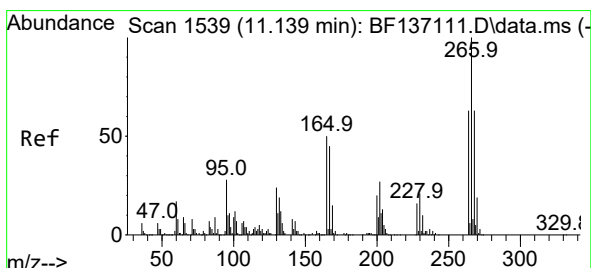
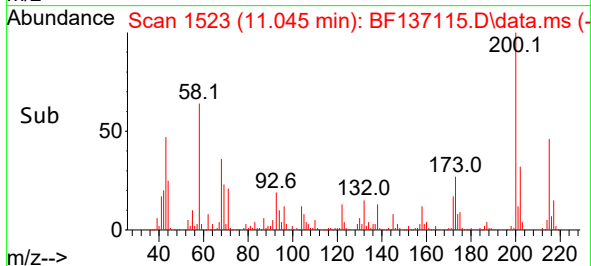
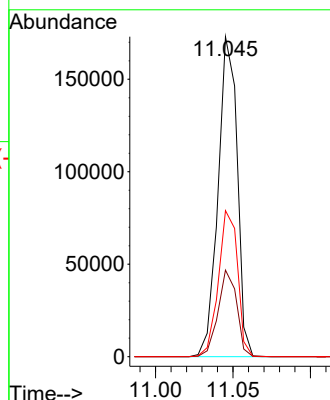
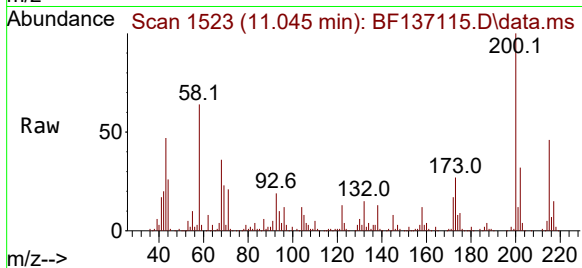
Tgt Ion:200 Resp: 148297

Ion Ratio Lower Upper

200 100

173 27.0 6.8 46.8

215 45.7 25.9 65.9



#70

Pentachlorophenol

Concen: 42.001 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

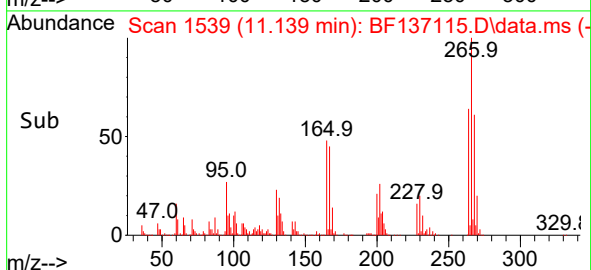
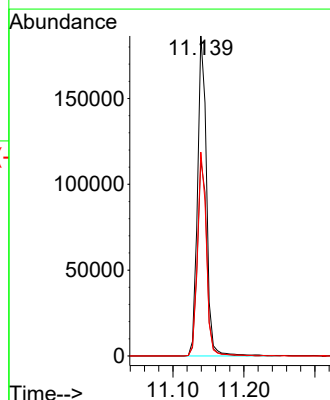
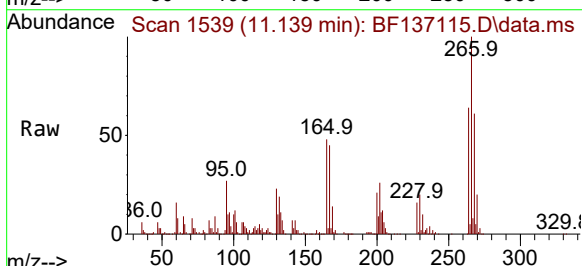
Tgt Ion:266 Resp: 164773

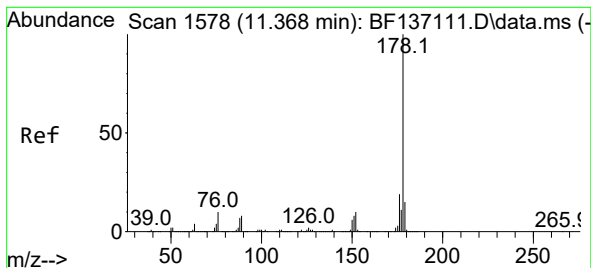
Ion Ratio Lower Upper

266 100

268 61.1 50.7 76.1

264 63.7 50.1 75.1





#71

Phenanthrene

Concen: 40.047 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

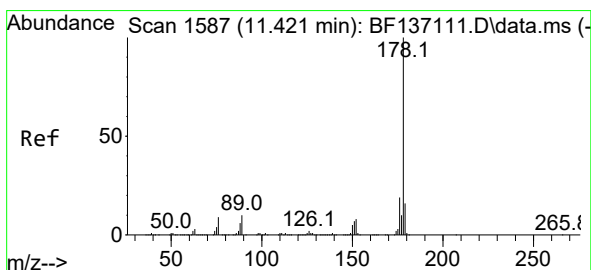
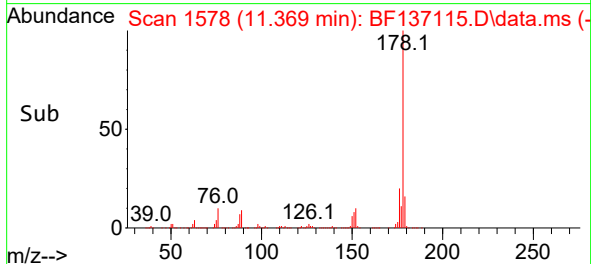
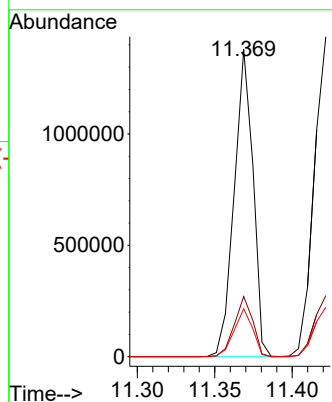
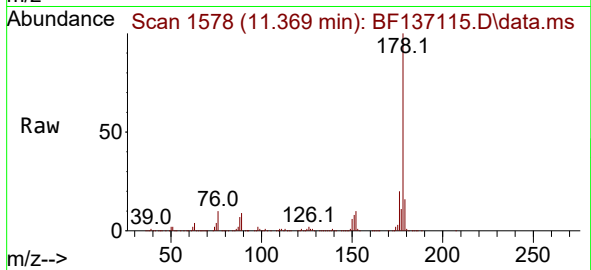
Tgt Ion:178 Resp: 1161392

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 40.250 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

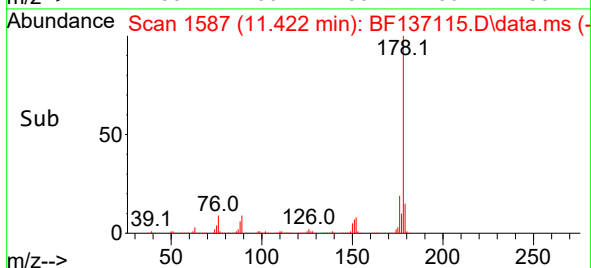
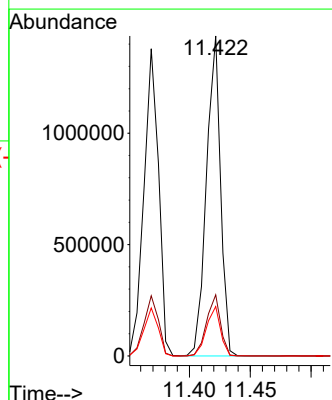
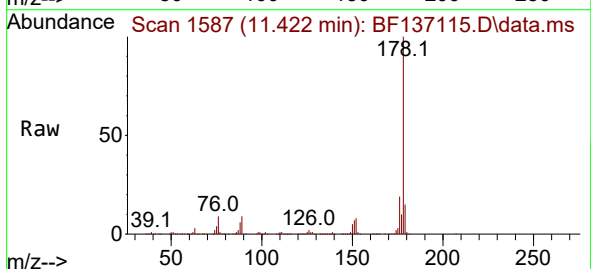
Tgt Ion:178 Resp: 1162774

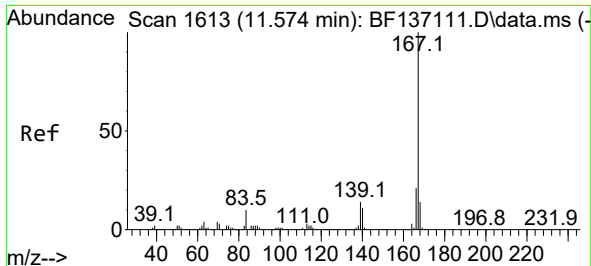
Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.4 12.4 18.6

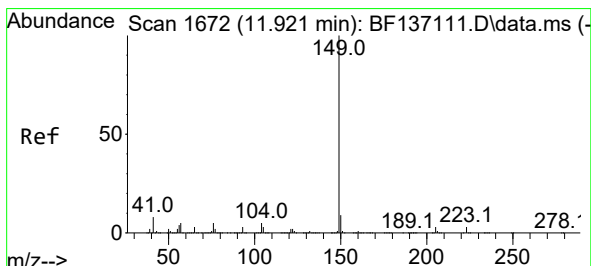
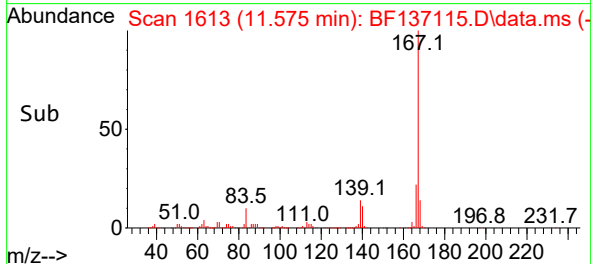
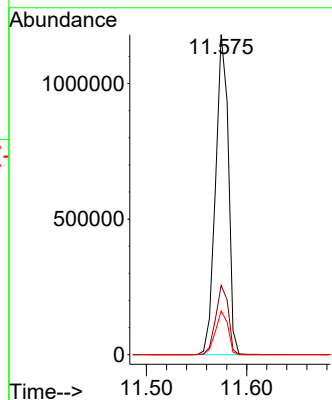
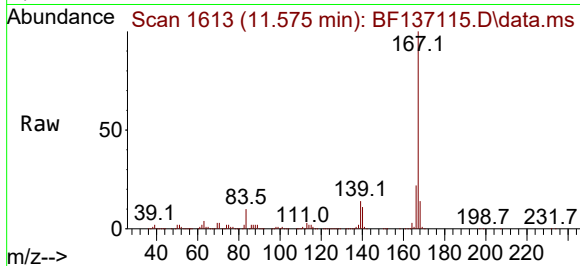




#73
 Carbazole
 Concen: 39.917 ng
 RT: 11.575 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF137115.D
 Acq: 19 Jan 2024 16:54

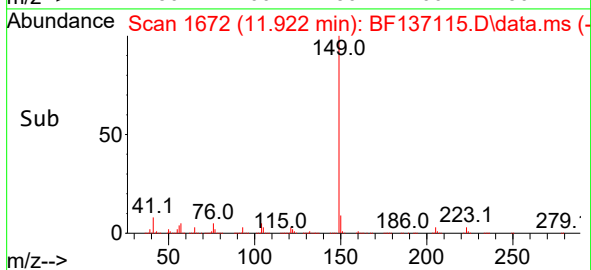
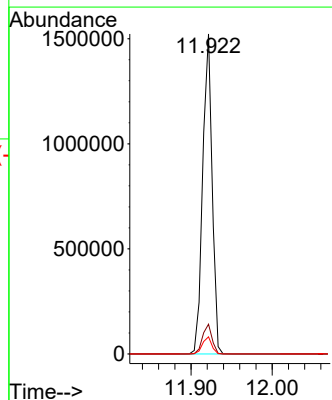
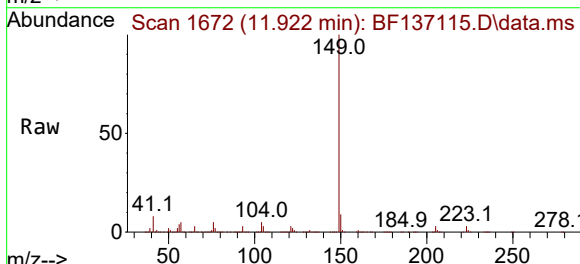
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011924

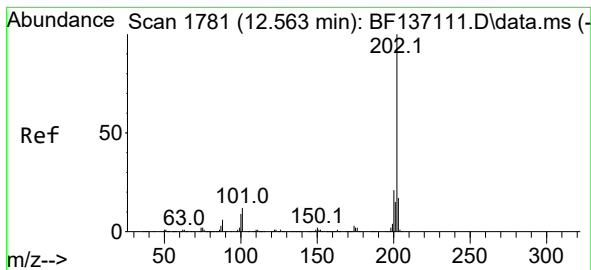
Tgt Ion:167 Resp: 1045914
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.6 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 40.949 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF137115.D
 Acq: 19 Jan 2024 16:54

Tgt Ion:149 Resp: 1230052
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 39.674 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

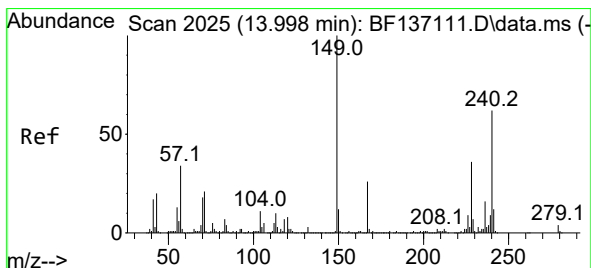
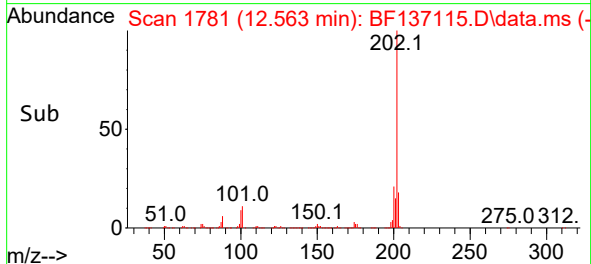
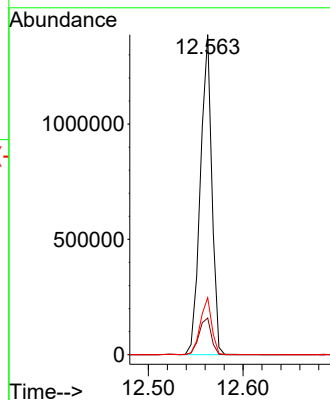
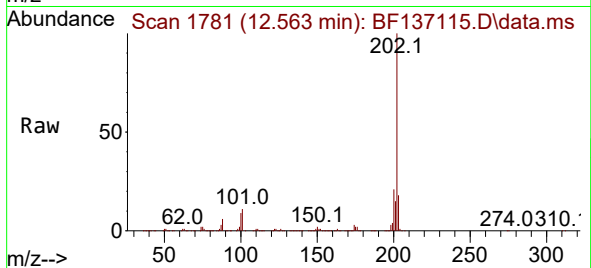
Tgt Ion:202 Resp: 1171959

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.6

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

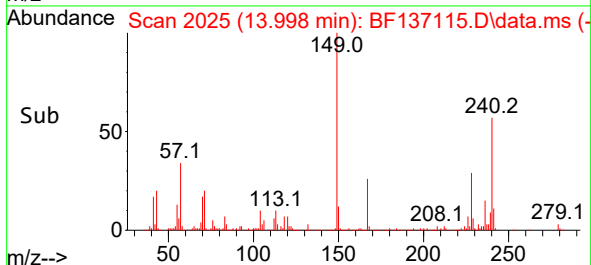
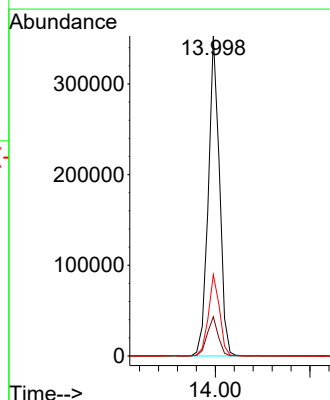
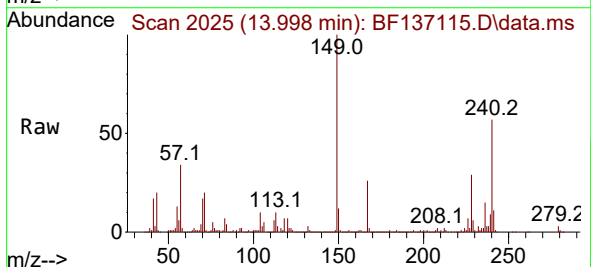
Tgt Ion:240 Resp: 287714

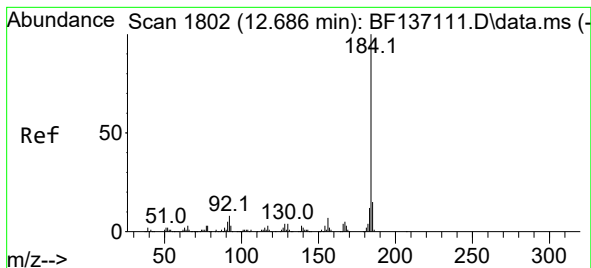
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 25.4 20.1 30.1





#77

Benzidine

Concen: 53.086 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

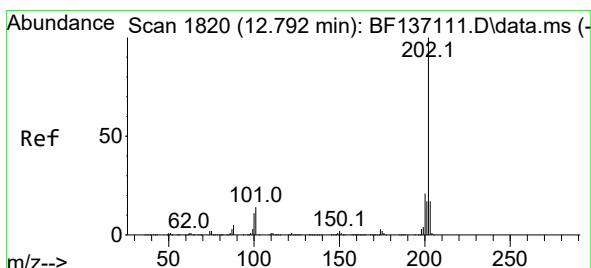
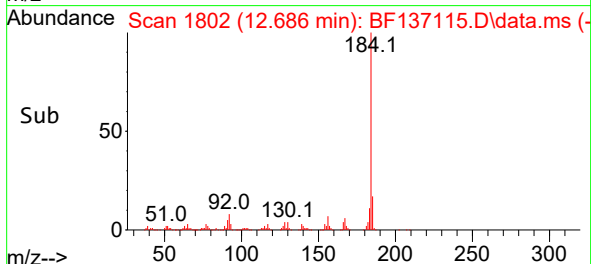
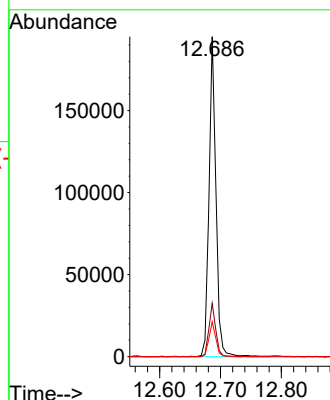
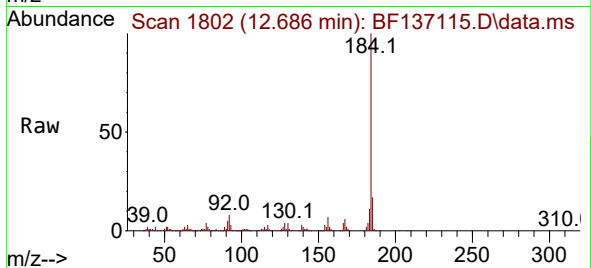
Tgt Ion:184 Resp: 154184

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.2

183 10.9 9.2 13.8



#78

Pyrene

Concen: 41.559 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

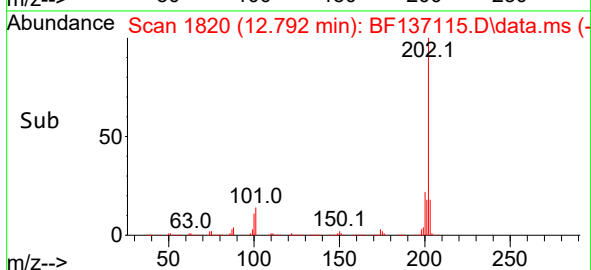
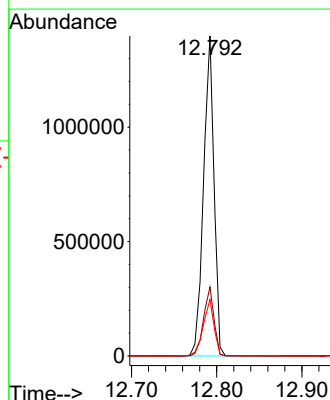
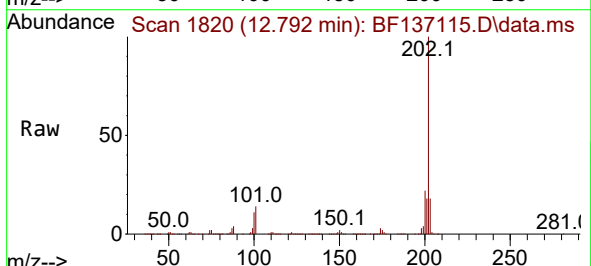
Tgt Ion:202 Resp: 1193764

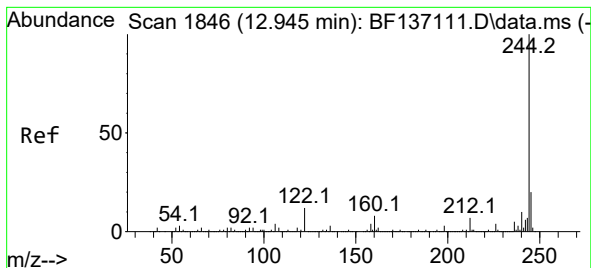
Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 81.816 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

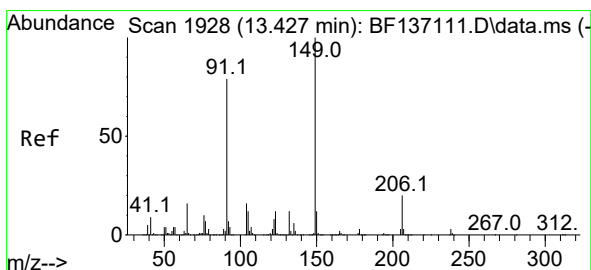
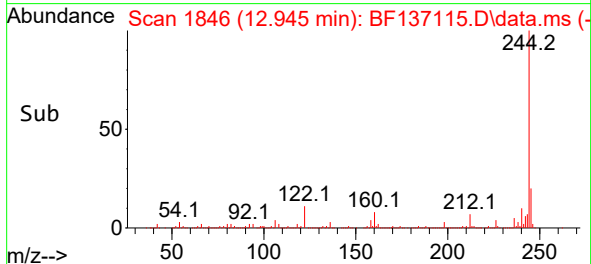
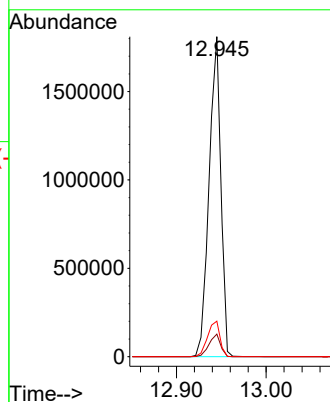
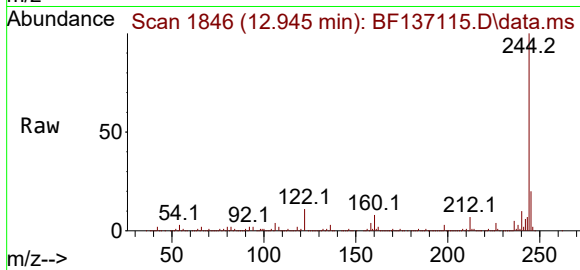
Tgt Ion:244 Resp: 1646810

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 44.237 ng

RT: 13.427 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

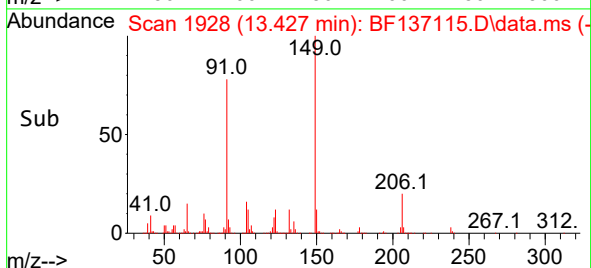
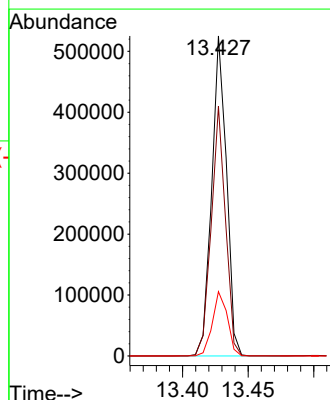
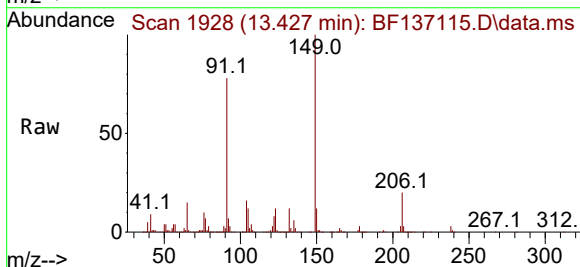
Tgt Ion:149 Resp: 411317

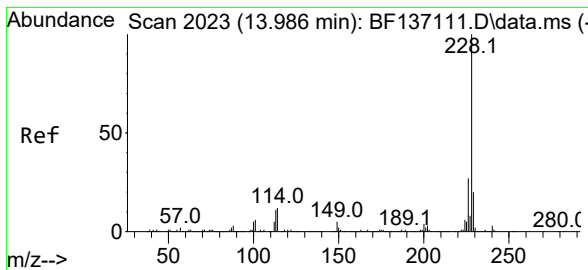
Ion Ratio Lower Upper

149 100

91 78.1 63.0 94.6

206 20.1 15.8 23.6

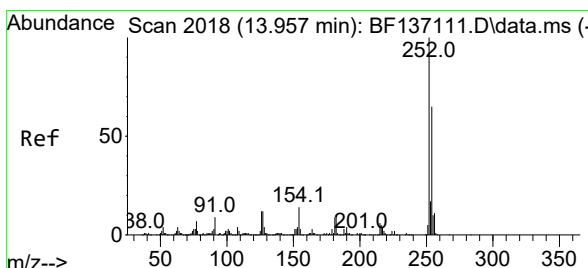
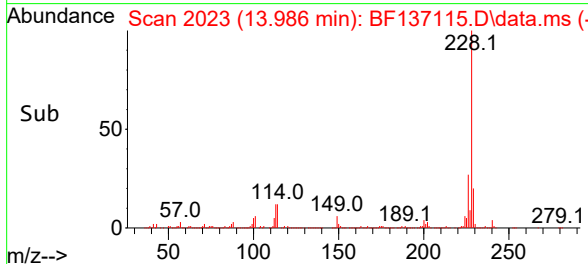
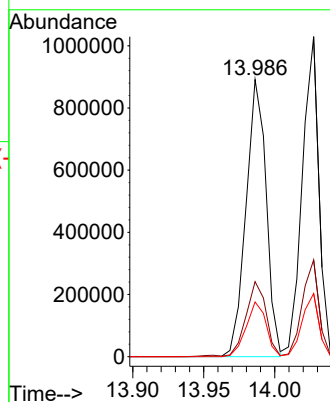
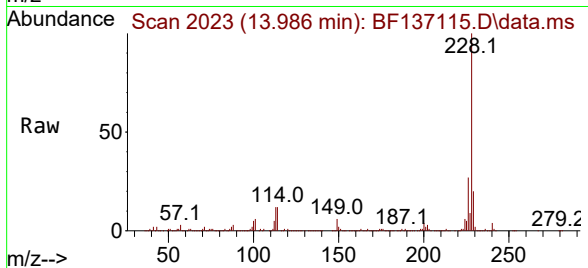




#81
Benzo(a)anthracene
Concen: 41.236 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

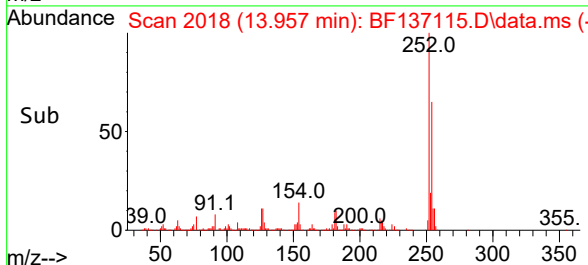
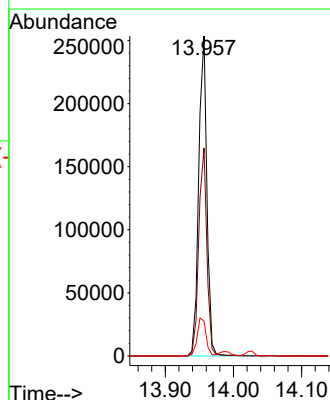
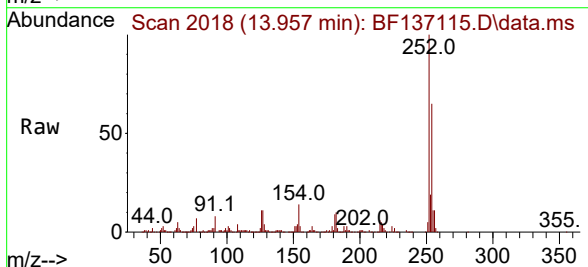
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

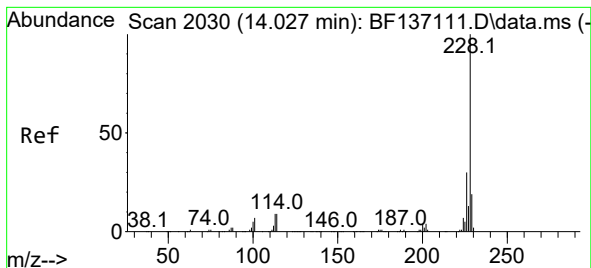
Tgt Ion:228 Resp: 881074
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 40.381 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:252 Resp: 211551
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 10.9 9.5 14.3





#83

Chrysene

Concen: 40.617 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

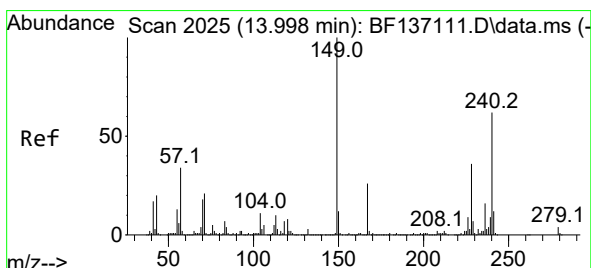
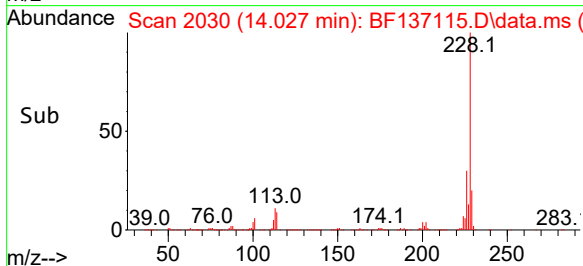
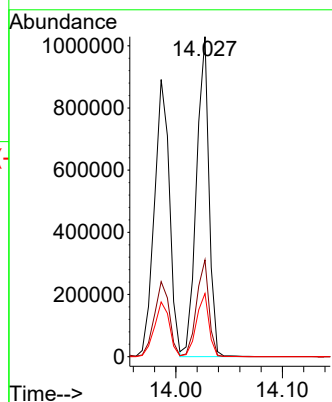
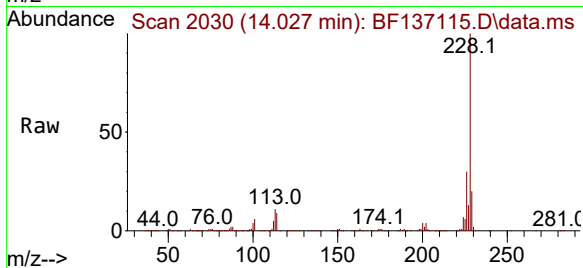
Tgt Ion:228 Resp: 838826

Ion Ratio Lower Upper

228 100

226 30.3 23.5 35.3

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.616 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

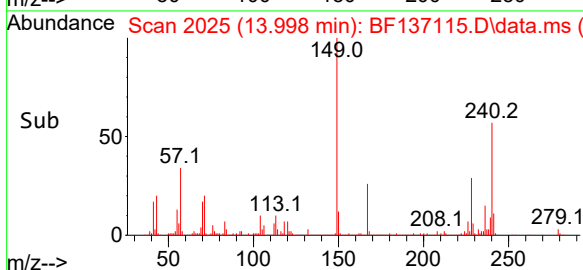
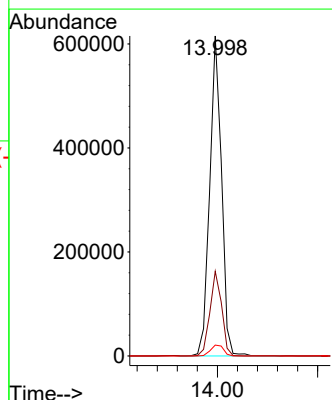
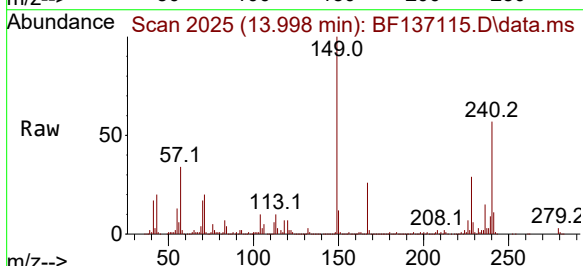
Tgt Ion:149 Resp: 504413

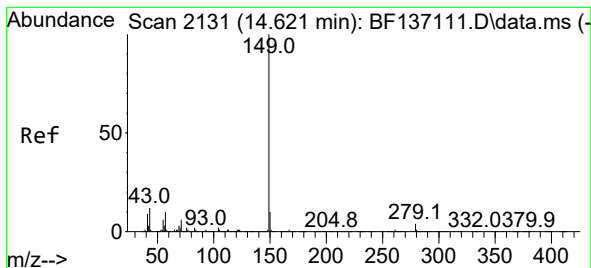
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 3.4 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.254 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

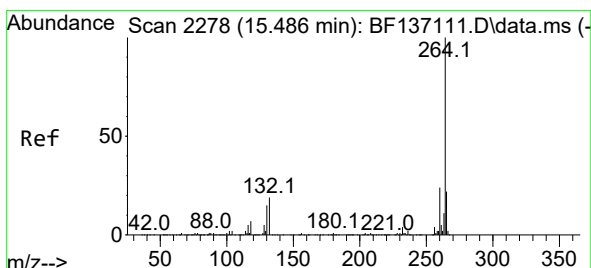
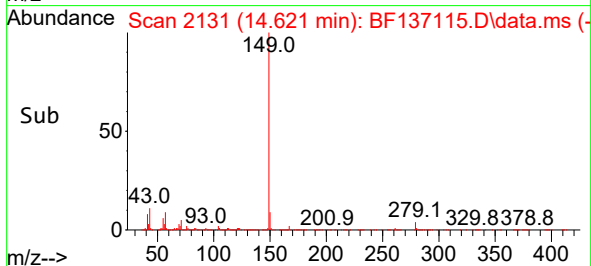
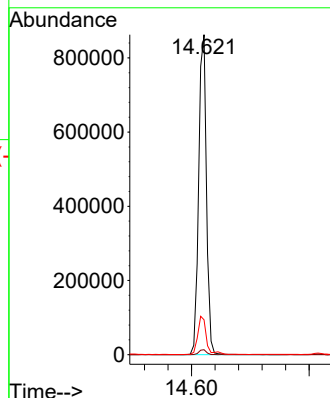
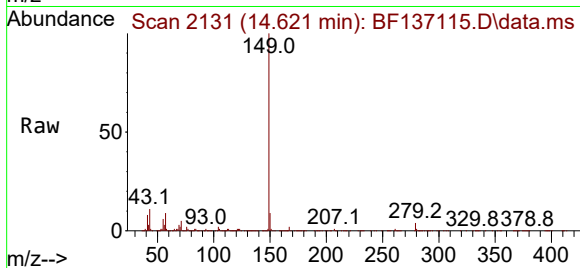
Tgt Ion:149 Resp: 789159

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.2 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

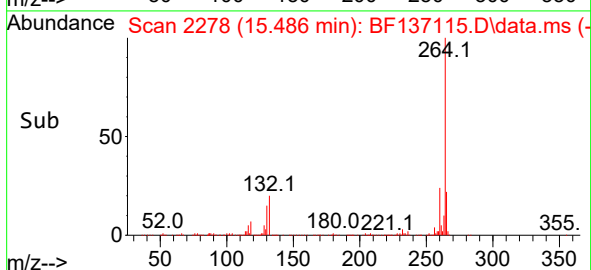
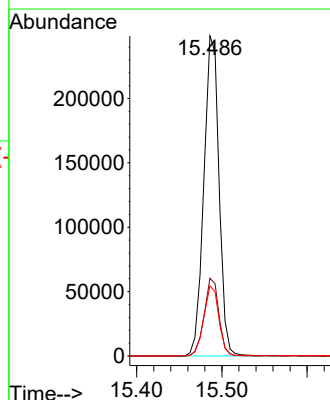
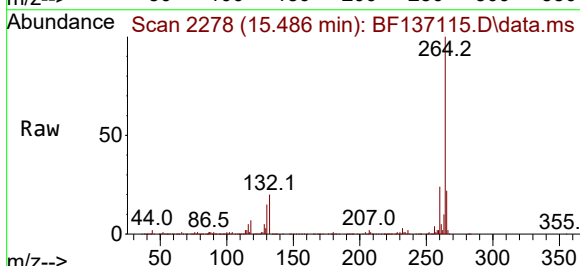
Tgt Ion:264 Resp: 307976

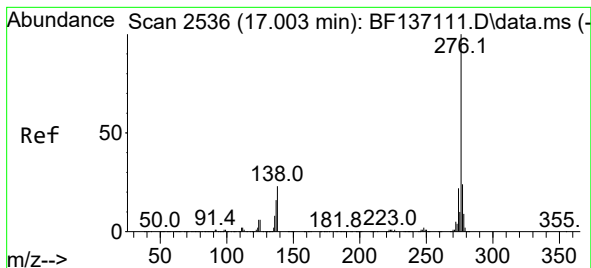
Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.776 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

Instrument :

BNA_F

ClientSampleId :

ICVBF011924

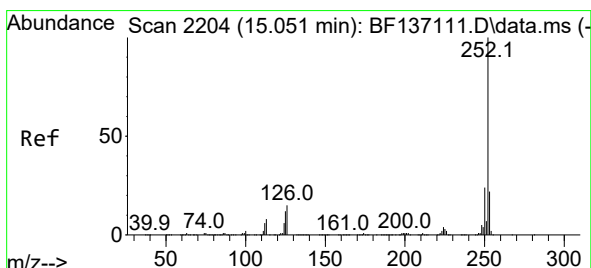
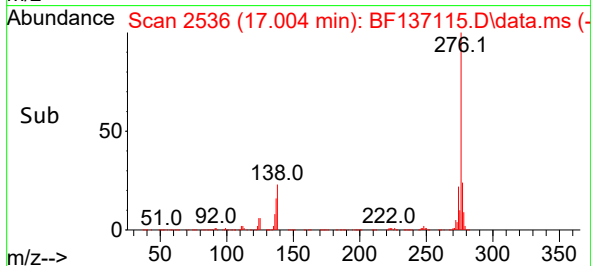
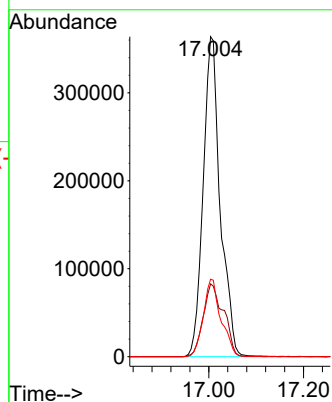
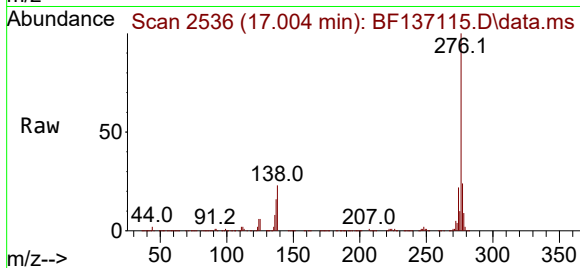
Tgt Ion:276 Resp: 910954

Ion Ratio Lower Upper

276 100

138 27.2 22.2 33.4

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.802 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137115.D

Acq: 19 Jan 2024 16:54

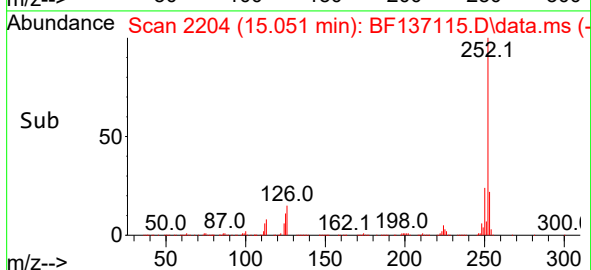
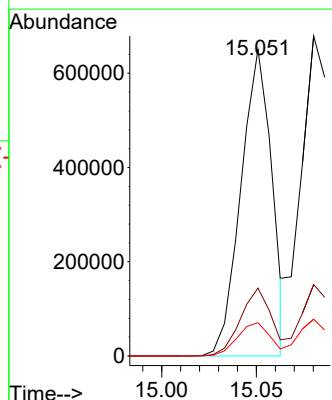
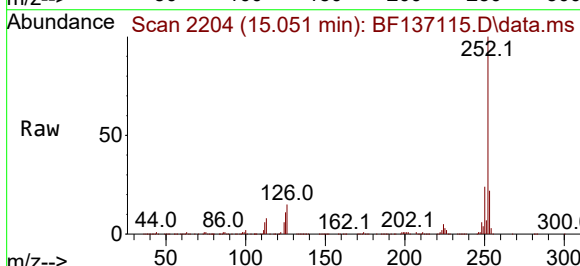
Tgt Ion:252 Resp: 740719

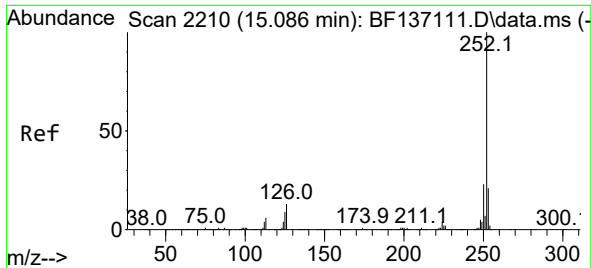
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.9 9.6 14.4

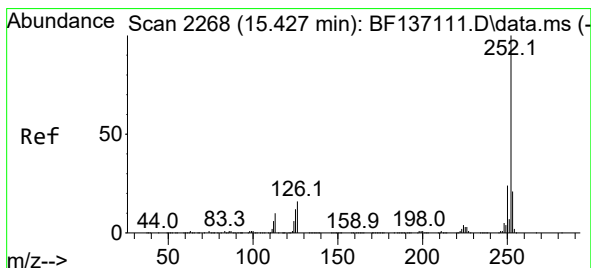
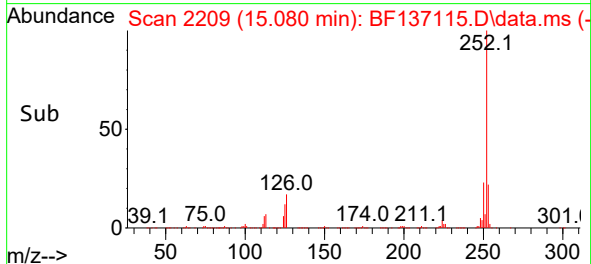
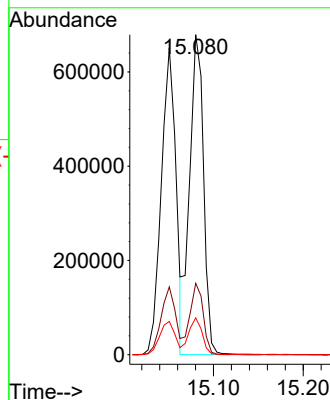
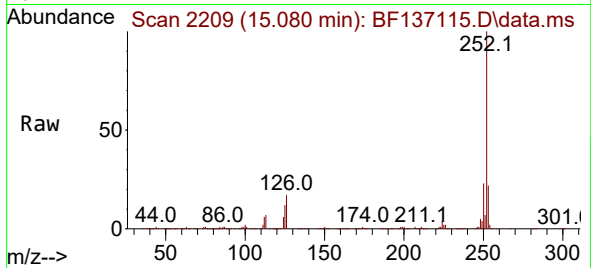




#89
Benzo(k)fluoranthene
Concen: 40.804 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

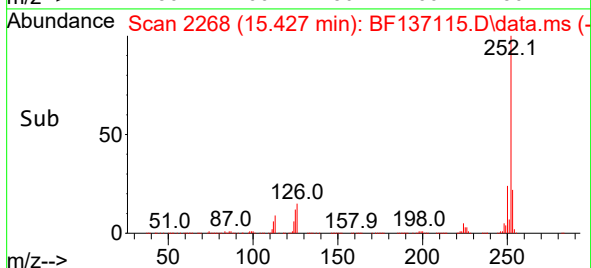
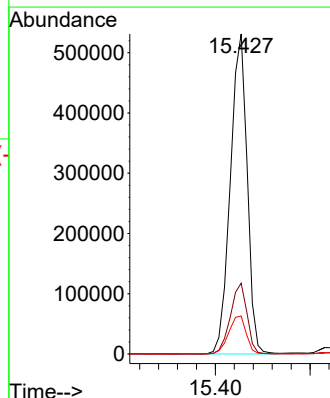
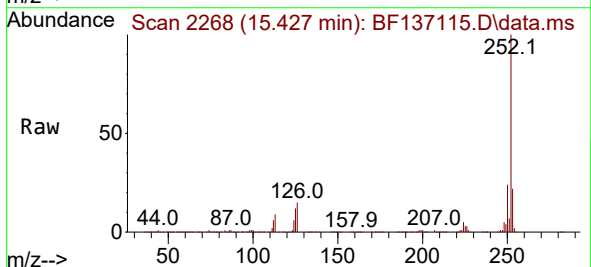
Instrument :
BNA_F
ClientSampleId :
ICVBF011924

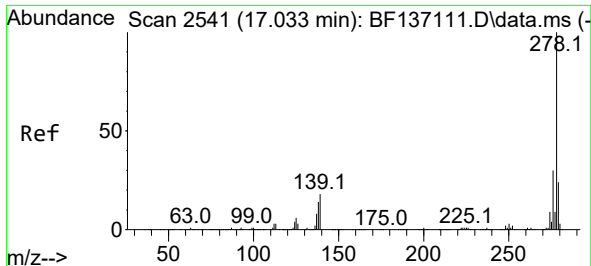
Tgt Ion:252 Resp: 731036
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 40.551 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:252 Resp: 655625
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.9 9.6 14.4

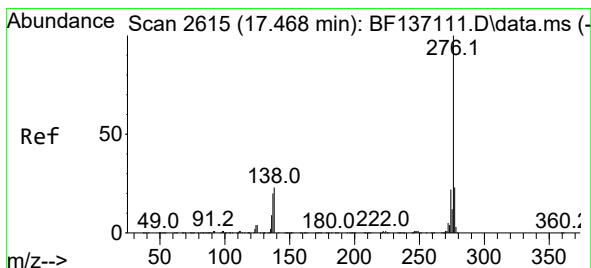
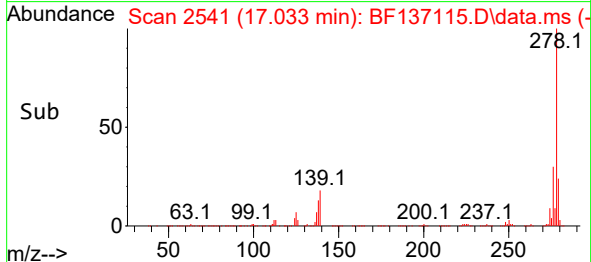
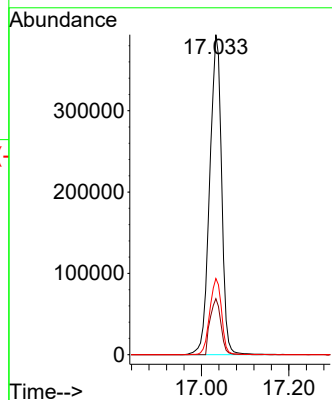
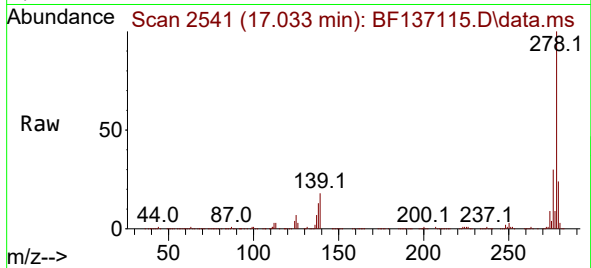




#91
Dibenzo(a,h)anthracene
Concen: 43.616 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Instrument :
BNA_F
ClientSampleId :
ICVBF011924

Tgt Ion:278 Resp: 745188
Ion Ratio Lower Upper
278 100
139 17.5 14.2 21.4
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.979 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.000 min
Lab File: BF137115.D
Acq: 19 Jan 2024 16:54

Tgt Ion:276 Resp: 781955
Ion Ratio Lower Upper
276 100
277 24.0 18.3 27.5
138 23.2 18.4 27.6

