

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
 Data File : BF137181.D
 Acq On : 26 Jan 2024 22:45
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012724

Quant Time: Jan 27 02:16:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 02:14:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	59428	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	243628	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	142661	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	287609	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	164764	20.000	ng	0.00
86) Perylene-d12	15.468	264	147229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	327302	95.683	ng	0.00
7) Phenol-d6	6.434	99	433434	88.794	ng	0.00
23) Nitrobenzene-d5	7.369	82	457903	85.264	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	137440	86.230	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	824484	81.141	ng	0.00
79) Terphenyl-d14	12.933	244	1003567	85.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	78031	41.712	ng	99
3) Pyridine	3.328	79	151607	42.805	ng	97
4) n-Nitrosodimethylamine	3.293	42	74749	39.185	ng	95
6) Aniline	6.469	93	248919	43.200	ng	98
8) 2-Chlorophenol	6.587	128	177576	45.051	ng	98
9) Benzaldehyde	6.357	77	102066	52.779	ng	98
10) Phenol	6.451	94	248745	45.392	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	161820	40.031	ng	99
12) 1,3-Dichlorobenzene	6.745	146	198489	42.437	ng	99
13) 1,4-Dichlorobenzene	6.822	146	196417	40.752	ng	95
14) 1,2-Dichlorobenzene	6.969	146	190683	42.191	ng	99
15) Benzyl Alcohol	6.945	79	165115	44.537	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	287588	40.385	ng	98
17) 2-Methylphenol	7.057	107	145259	43.161	ng	98
18) Hexachloroethane	7.310	117	74284	43.139	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	148834	42.128	ng	# 92
20) 3+4-Methylphenols	7.210	107	185092	44.948	ng	97
22) Acetophenone	7.216	105	274400	42.963	ng	99
24) Nitrobenzene	7.386	77	223467	43.582	ng	98
25) Isophorone	7.622	82	410589	40.897	ng	99
26) 2-Nitrophenol	7.698	139	82676	43.032	ng	99
27) 2,4-Dimethylphenol	7.734	122	120692	43.224	ng	96
28) bis(2-Chloroethoxy)met...	7.839	93	222892	42.144	ng	98
29) 2,4-Dichlorophenol	7.939	162	152269	45.303	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	178452	40.738	ng	99
31) Naphthalene	8.104	128	525241	40.722	ng	100
32) Benzoic acid	7.857	122	61967	44.229	ng	94
33) 4-Chloroaniline	8.151	127	195332	45.215	ng	96
34) Hexachlorobutadiene	8.222	225	117183	40.522	ng	99
35) Caprolactam	8.528	113	49656	44.737	ng	88
36) 4-Chloro-3-methylphenol	8.633	107	179273	43.551	ng	100
37) 2-Methylnaphthalene	8.792	142	361079	41.181	ng	100
38) 1-Methylnaphthalene	8.892	142	333893	40.565	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	193874	40.891	ng	99
41) Hexachlorocyclopentadiene	8.945	237	96972	43.318	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	115654	43.277	ng	96

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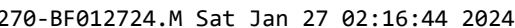
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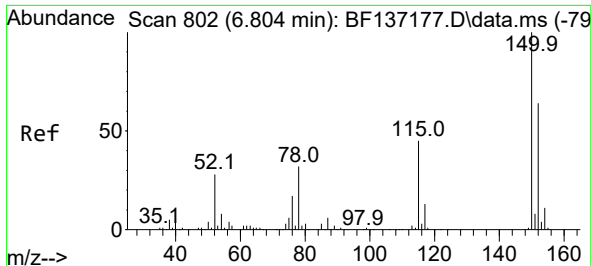
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	130094	47.071	ng	96
46) 1,1'-Biphenyl	9.263	154	462708	41.230	ng	99
47) 2-Chloronaphthalene	9.286	162	344393	41.531	ng	98
48) 2-Nitroaniline	9.380	65	123130	46.874	ng	95
49) Acenaphthylene	9.698	152	550816	41.081	ng	100
50) Dimethylphthalate	9.569	163	405697	40.912	ng	100
51) 2,6-Dinitrotoluene	9.628	165	90612	44.319	ng	99
52) Acenaphthene	9.875	154	326022	40.880	ng	99
53) 3-Nitroaniline	9.798	138	85723	42.628	ng	97
54) 2,4-Dinitrophenol	9.898	184	28755	44.721	ng	96
55) Dibenzofuran	10.045	168	514107	41.066	ng	99
56) 4-Nitrophenol	9.951	139	55298	43.066	ng	94
57) 2,4-Dinitrotoluene	10.028	165	122779	47.059	ng	99
58) Fluorene	10.392	166	402084	40.860	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	116544	42.811	ng	97
60) Diethylphthalate	10.269	149	409171	41.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	199508	40.623	ng	99
62) 4-Nitroaniline	10.416	138	83125	44.464	ng	95
63) Azobenzene	10.545	77	436667	40.741	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	57901	42.992	ng	94
66) n-Nitrosodiphenylamine	10.504	169	353812	41.458	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	132727	41.932	ng	# 89
68) Hexachlorobenzene	10.933	284	142084	40.604	ng	100
69) Atrazine	11.039	200	124116	42.123	ng	96
70) Pentachlorophenol	11.127	266	84189	43.463	ng	99
71) Phenanthrene	11.357	178	606621	40.768	ng	99
72) Anthracene	11.410	178	634834	41.340	ng	99
73) Carbazole	11.563	167	538242	41.387	ng	99
74) Di-n-butylphthalate	11.904	149	624041	42.014	ng	99
75) Fluoranthene	12.551	202	639750	40.052	ng	100
77) Benzidine	12.680	184	142908	42.823	ng	99
78) Pyrene	12.780	202	650335	42.876	ng	99
80) Butylbenzylphthalate	13.416	149	190734	41.628	ng	99
81) Benzo(a)anthracene	13.974	228	480219	40.772	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	139957	42.515	ng	99
83) Chrysene	14.015	228	464794	39.601	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	242473	45.112	ng	99
85) Di-n-octyl phthalate	14.604	149	333400	41.444	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	426242	44.176	ng	100
88) Benzo(b)fluoranthene	15.033	252	383101	40.617	ng	99
89) Benzo(k)fluoranthene	15.068	252	370844	38.948	ng	98
90) Benzo(a)pyrene	15.410	252	347200	40.808	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	341643	44.290	ng	98
92) Benzo(g,h,i)perylene	17.433	276	333742	44.365	ng	98

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

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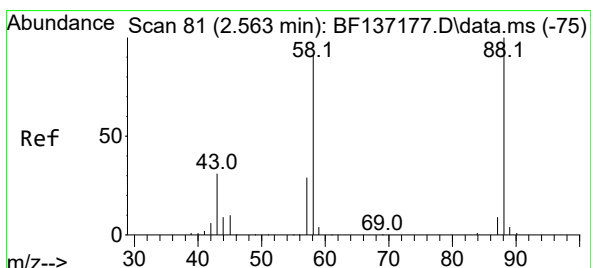
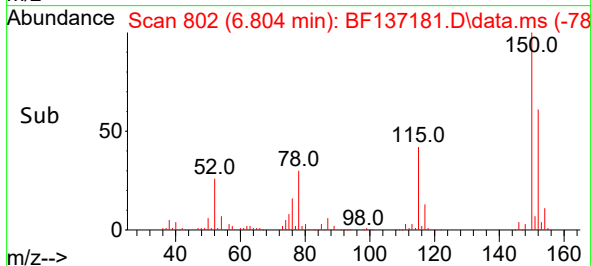
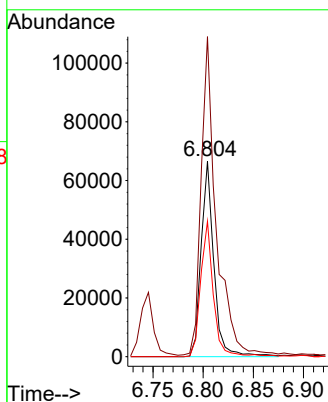
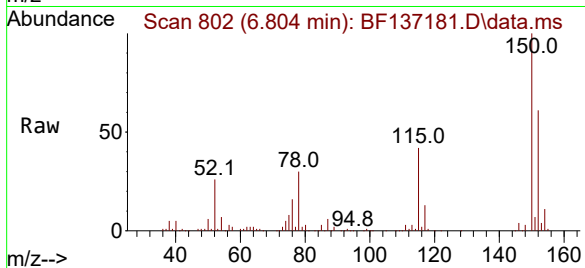




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137181.D
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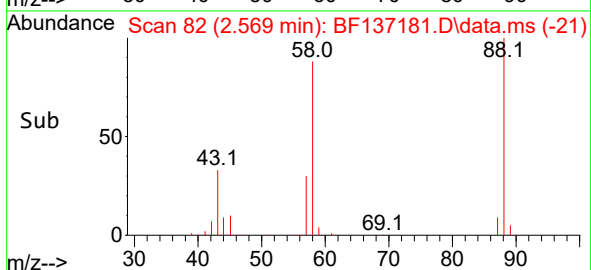
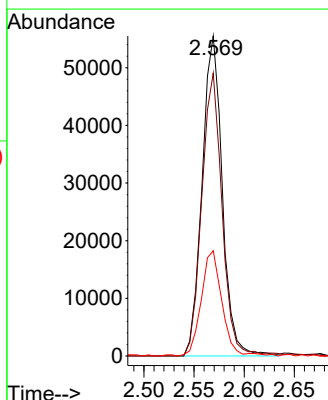
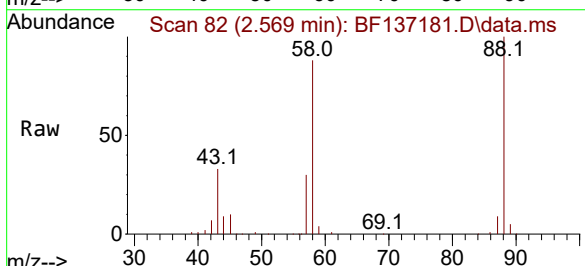
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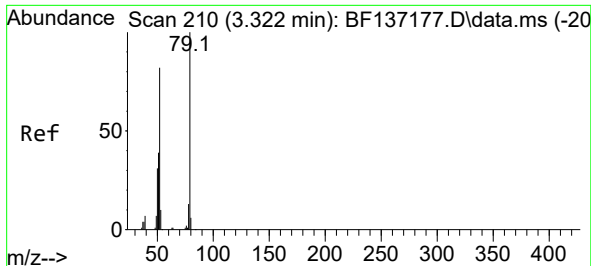
Tgt Ion:152 Resp: 59428
 Ion Ratio Lower Upper
 152 100
 150 163.8 125.6 188.4
 115 69.3 55.9 83.9



#2
 1,4-Dioxane
 Concen: 41.712 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.006 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

Tgt Ion: 88 Resp: 78031
 Ion Ratio Lower Upper
 88 100
 58 89.5 72.8 109.2
 43 33.9 27.6 41.4

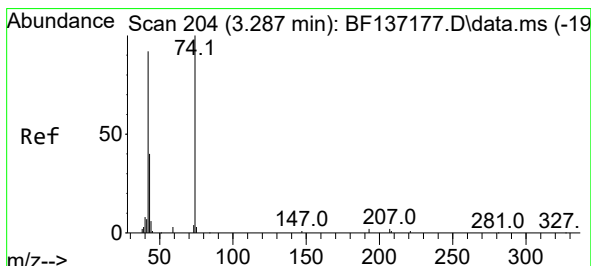
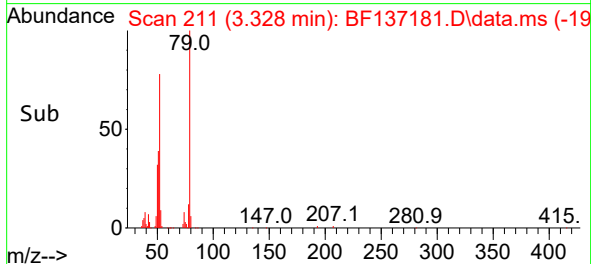
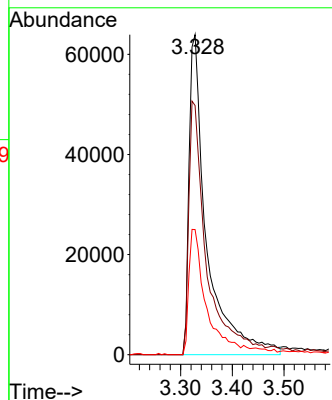
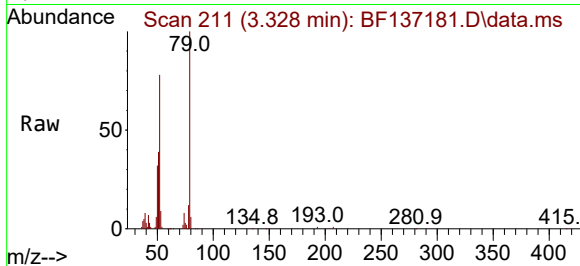




#3
Pyridine
Concen: 42.805 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

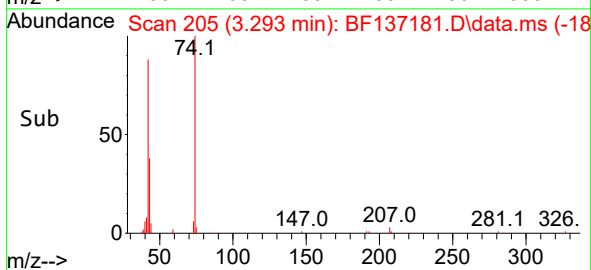
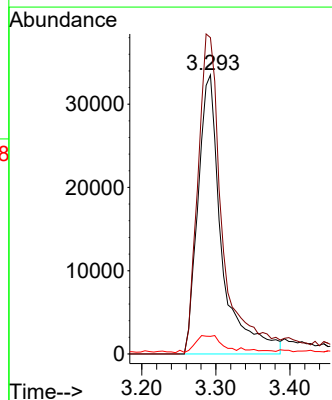
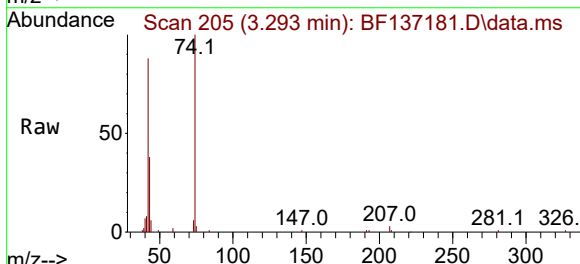
Instrument :
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ClientSampleId :
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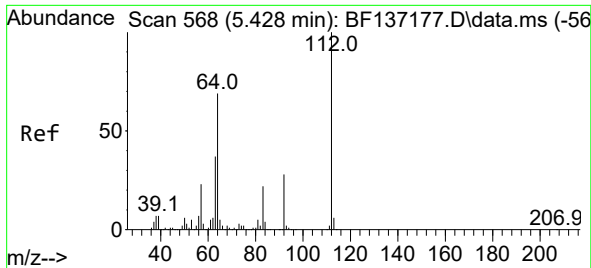
Tgt Ion: 79 Resp: 151607
Ion Ratio Lower Upper
79 100
52 77.8 65.6 98.4
51 39.1 31.2 46.8



#4
n-Nitrosodimethylamine
Concen: 39.185 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion: 42 Resp: 74749
Ion Ratio Lower Upper
42 100
74 113.4 86.6 129.8
44 6.3 5.7 8.5

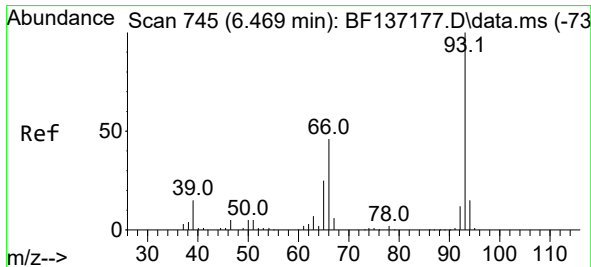
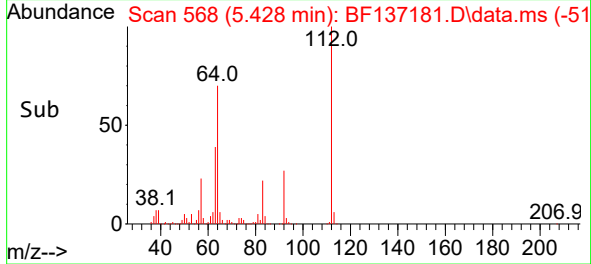
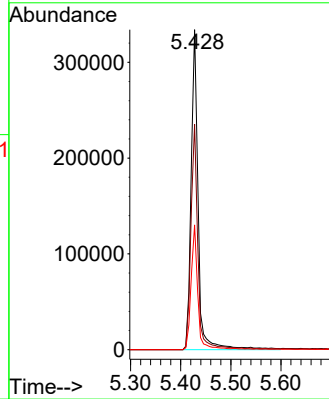
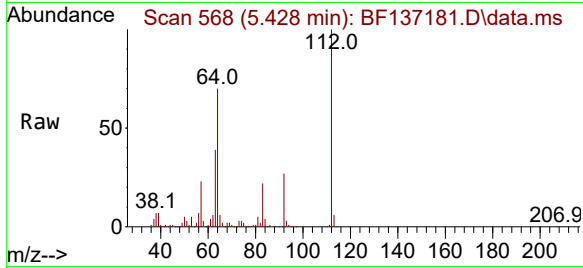




#5
2-Fluorophenol
Concen: 95.683 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

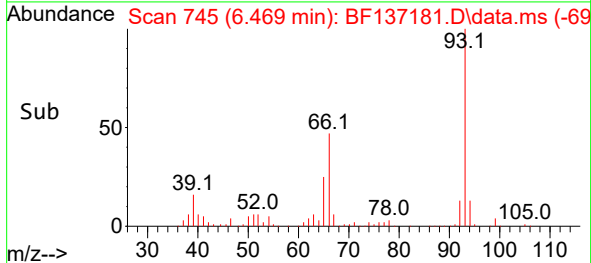
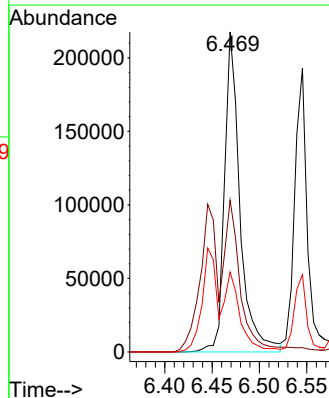
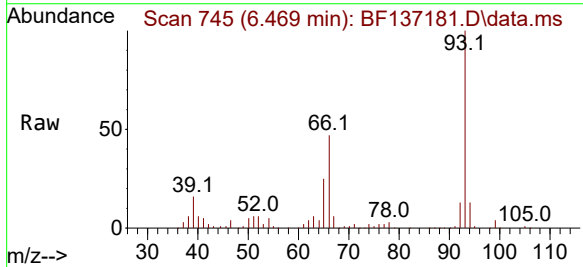
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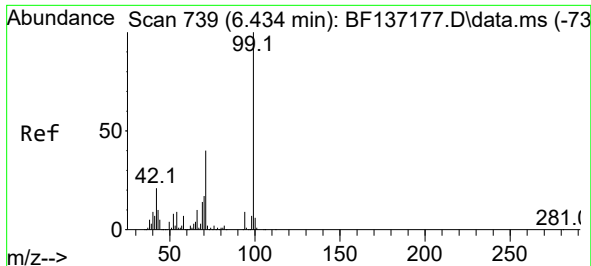
Tgt Ion:112 Resp: 327302
Ion Ratio Lower Upper
112 100
64 70.4 55.5 83.3
63 39.0 29.8 44.8



#6
Aniline
Concen: 43.200 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion: 93 Resp: 248919
Ion Ratio Lower Upper
93 100
66 47.5 39.2 58.8
65 25.0 20.5 30.7





#7

Phenol-d6

Concen: 88.794 ng

RT: 6.434 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

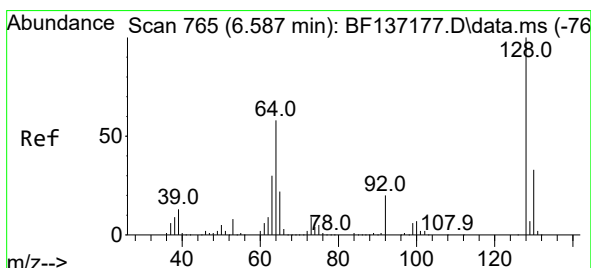
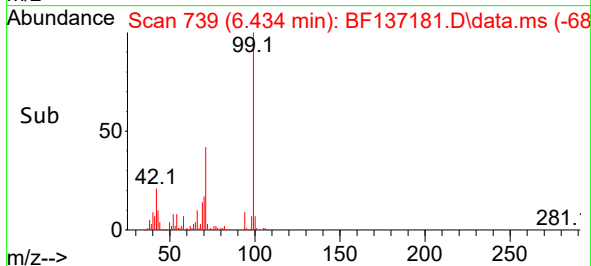
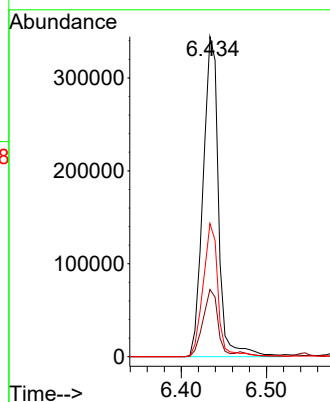
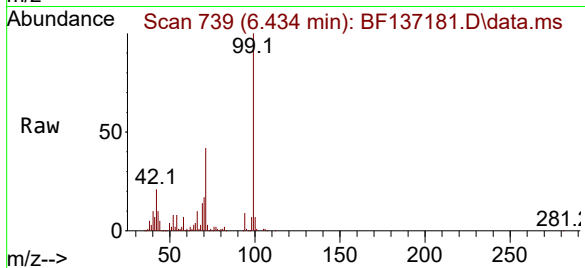
Tgt Ion: 99 Resp: 433434

Ion Ratio Lower Upper

99 100

42 21.0 16.6 25.0

71 41.6 31.8 47.6



#8

2-Chlorophenol

Concen: 45.051 ng

RT: 6.587 min Scan# 765

Delta R.T. 0.000 min

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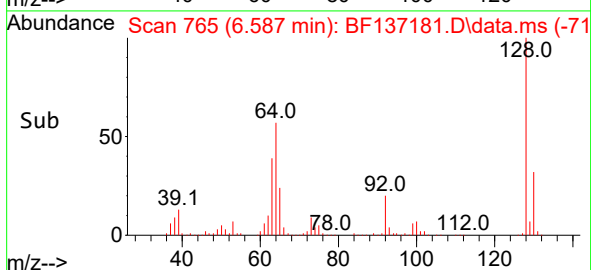
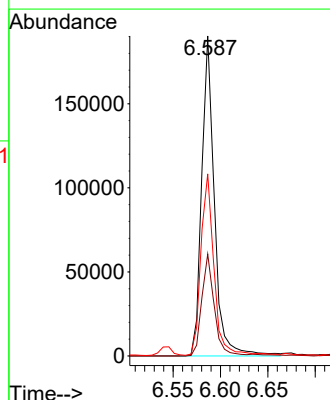
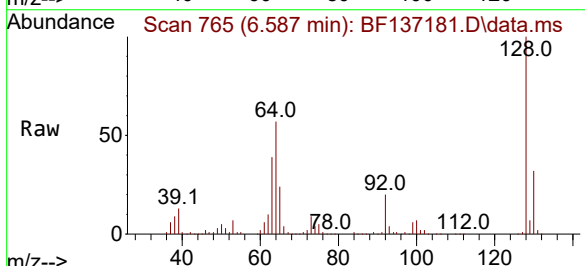
Tgt Ion: 128 Resp: 177576

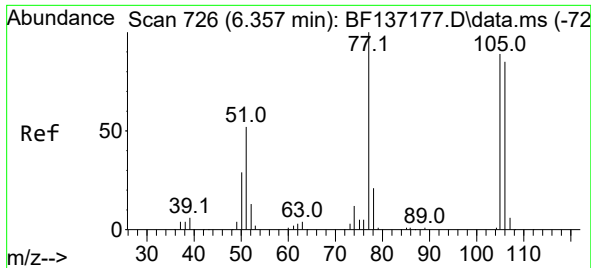
Ion Ratio Lower Upper

128 100

130 31.9 13.3 53.3

64 56.9 38.0 78.0

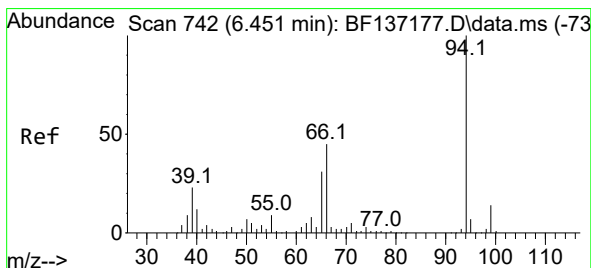
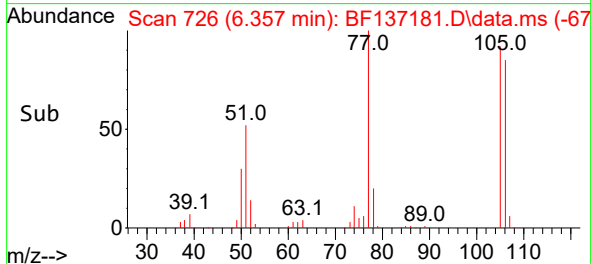
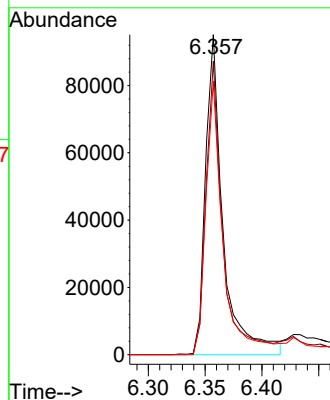
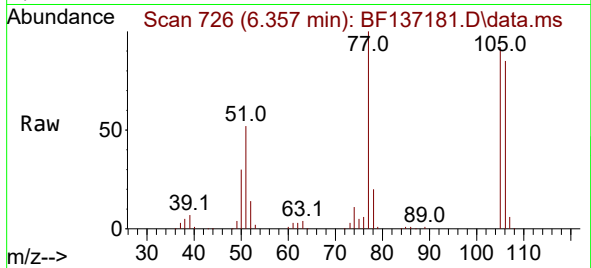




#9
Benzaldehyde
Concen: 52.779 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

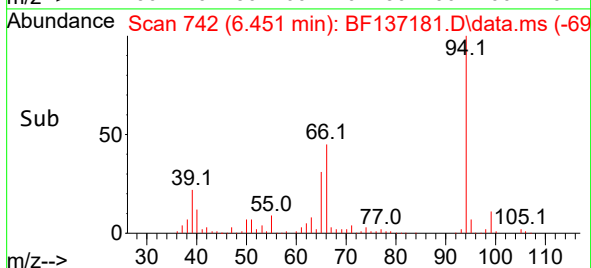
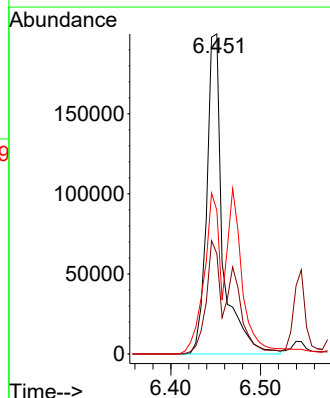
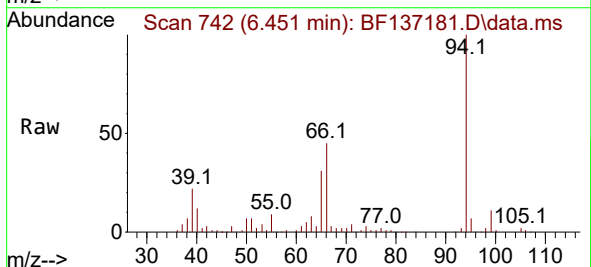
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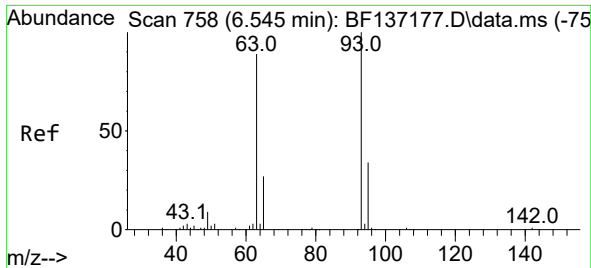
Tgt Ion: 77 Resp: 102066
Ion Ratio Lower Upper
77 100
105 91.8 69.5 109.5
106 85.5 64.7 104.7



#10
Phenol
Concen: 45.392 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion: 94 Resp: 248745
Ion Ratio Lower Upper
94 100
65 31.4 10.9 50.9
66 44.9 24.9 64.9

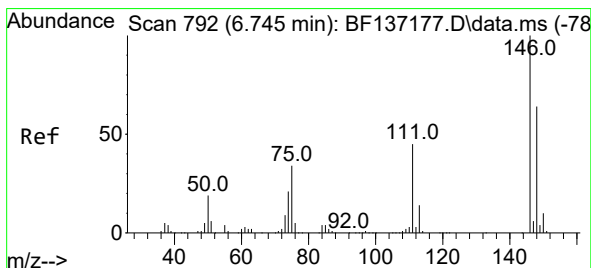
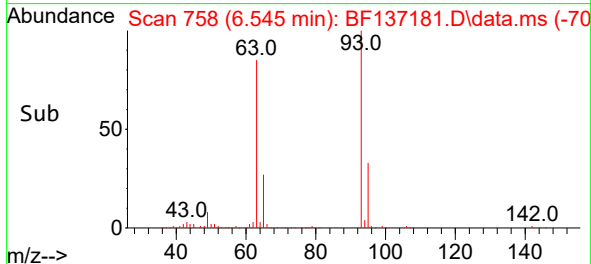
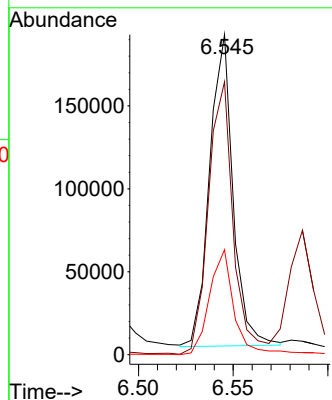
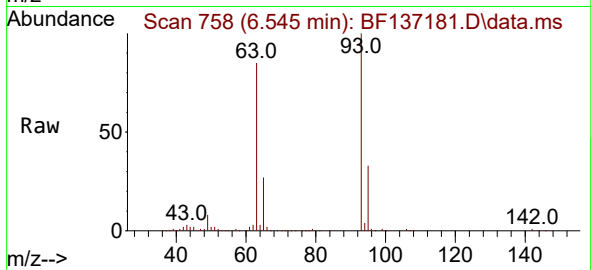




#11
bis(2-Chloroethyl)ether
Concen: 40.031 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

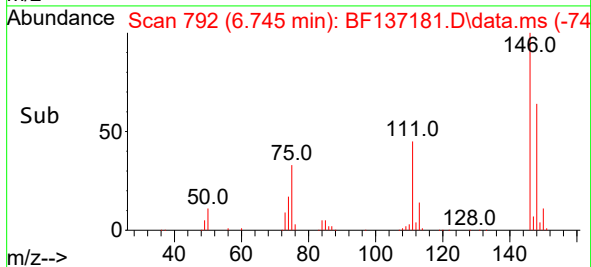
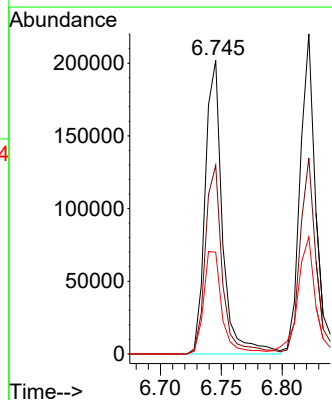
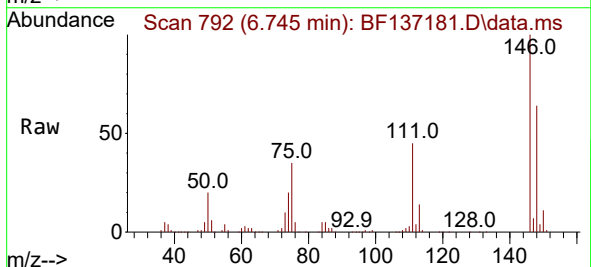
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

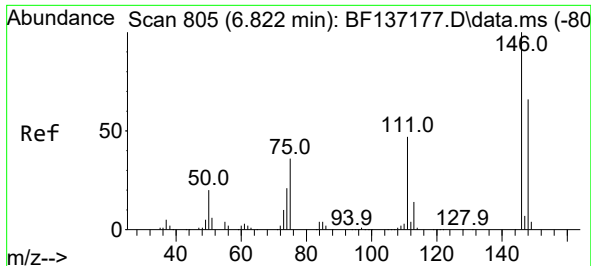
Tgt Ion: 93 Resp: 161820
Ion Ratio Lower Upper
93 100
63 85.3 66.7 106.7
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.437 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:146 Resp: 198489
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 34.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.752 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

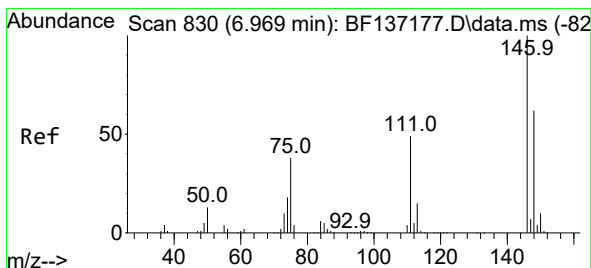
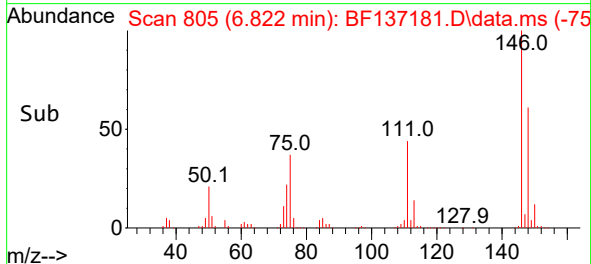
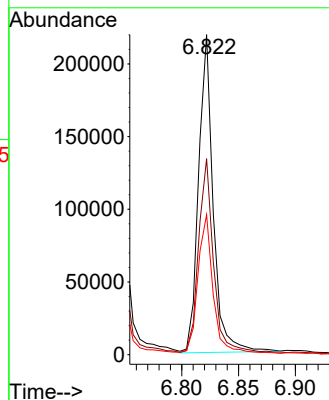
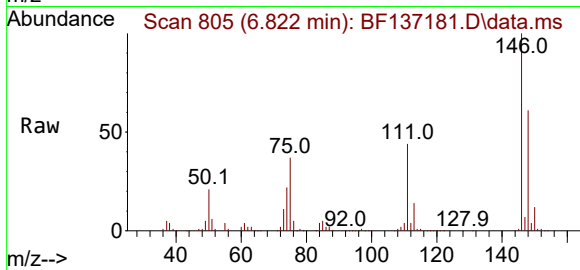
Tgt Ion:146 Resp: 196417

Ion Ratio Lower Upper

146 100

148 61.3 52.7 79.1

111 43.8 37.4 56.2



#14

1,2-Dichlorobenzene

Concen: 42.191 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

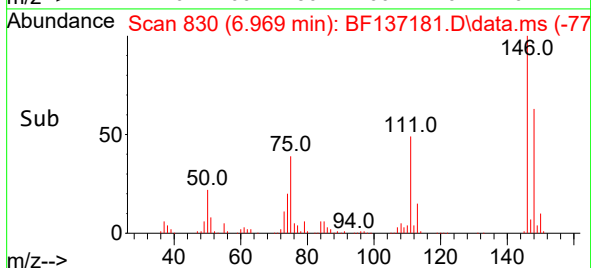
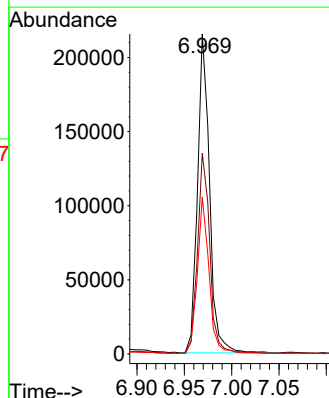
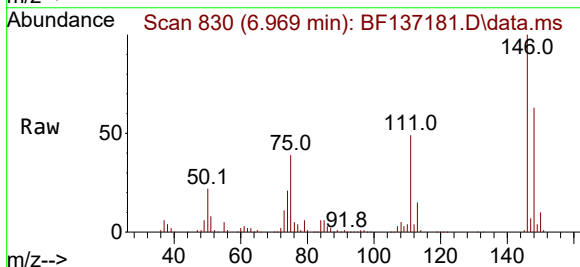
Tgt Ion:146 Resp: 190683

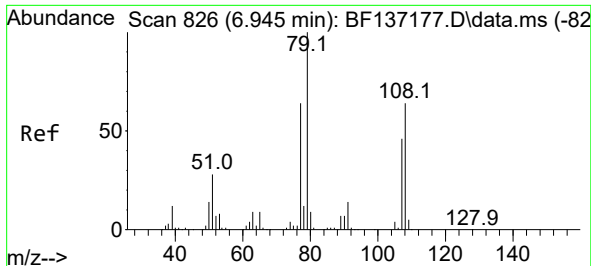
Ion Ratio Lower Upper

146 100

148 62.7 49.7 74.5

111 49.0 39.4 59.0

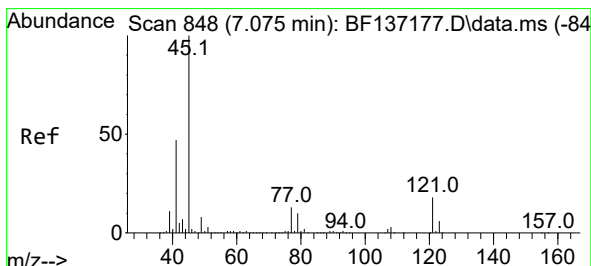
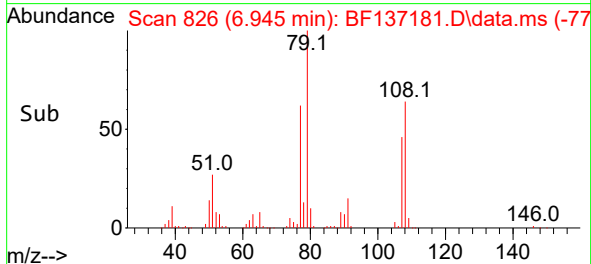
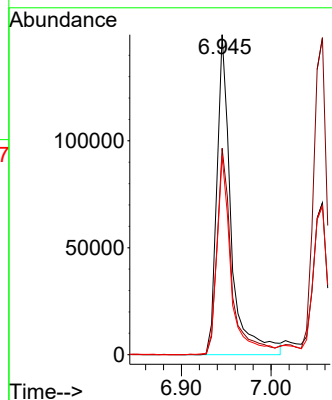
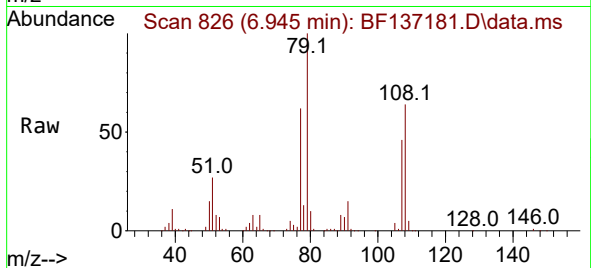




#15
Benzyl Alcohol
Concen: 44.537 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

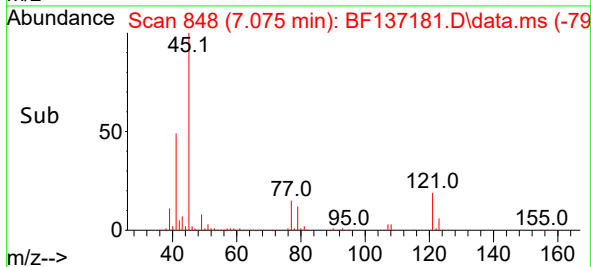
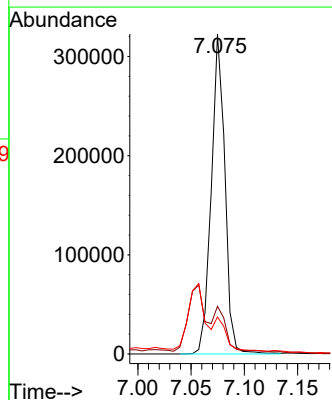
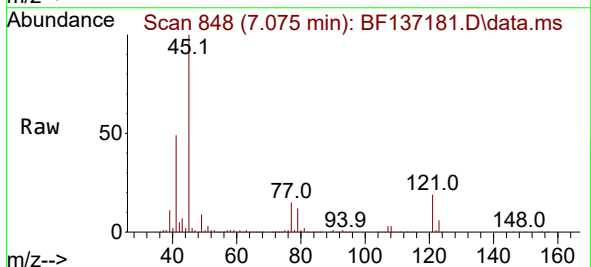
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

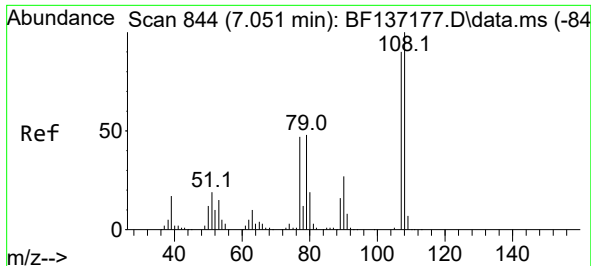
Tgt Ion: 79 Resp: 165115
Ion Ratio Lower Upper
79 100
108 64.5 51.1 76.7
77 62.1 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.385 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion: 45 Resp: 287588
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.3
79 11.5 0.0 30.8

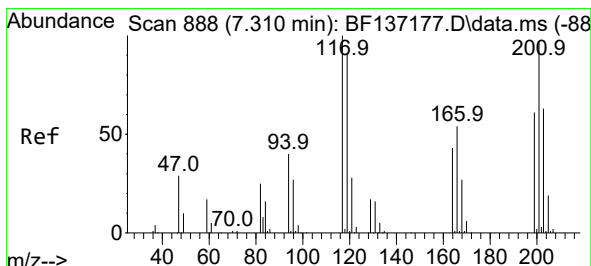
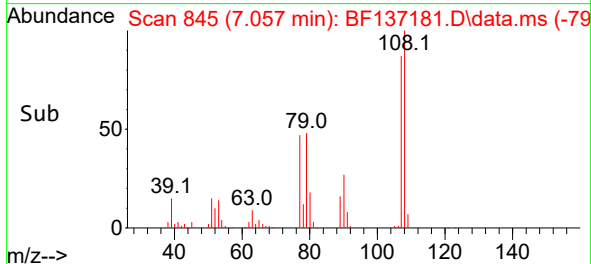
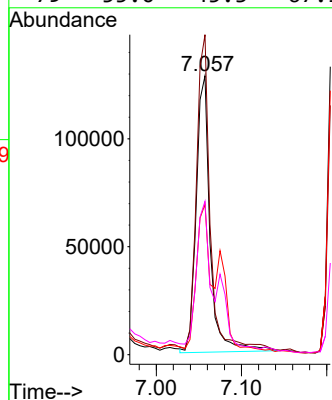
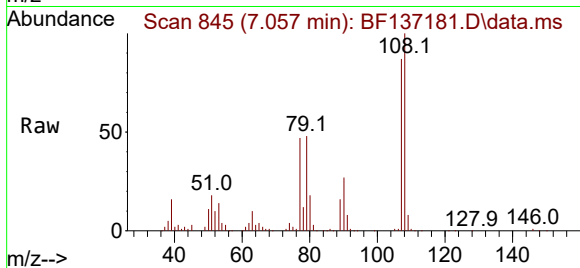




#17
2-Methylphenol
Concen: 43.161 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

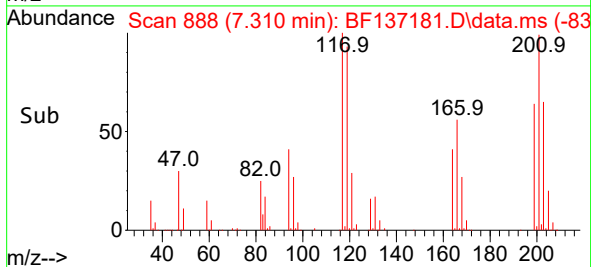
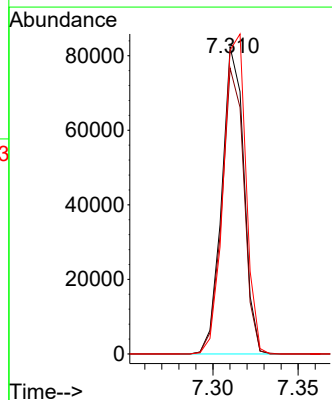
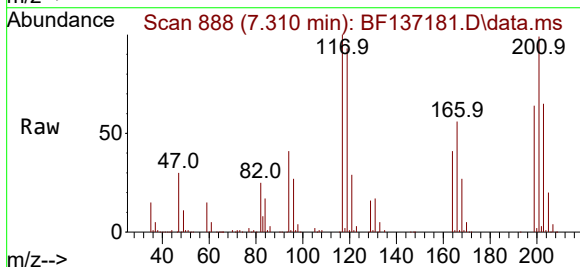
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

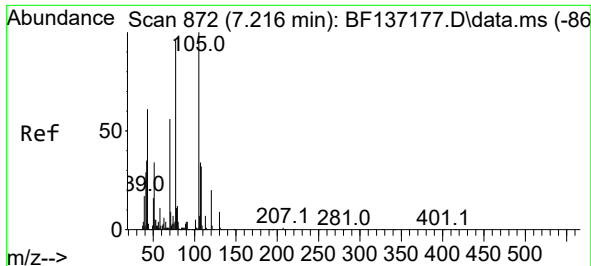
Tgt Ion:107 Resp: 145259
Ion Ratio Lower Upper
107 100
108 114.7 89.6 134.4
77 53.9 43.3 64.9
79 55.0 45.3 67.9



#18
Hexachloroethane
Concen: 43.139 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:117 Resp: 74284
Ion Ratio Lower Upper
117 100
119 93.1 72.6 109.0
201 99.0 77.6 116.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.128 ng

RT: 7.222 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137181.D

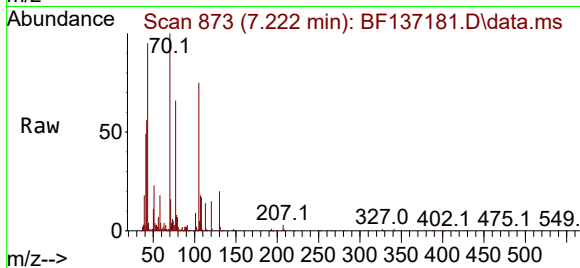
Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724



Tgt Ion: 70 Resp: 148834

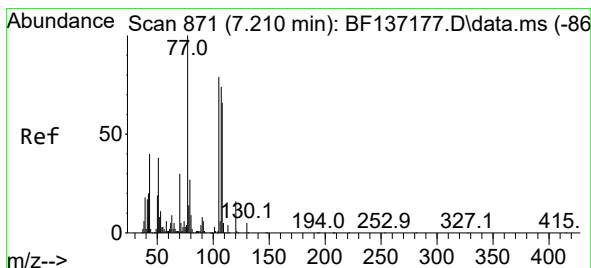
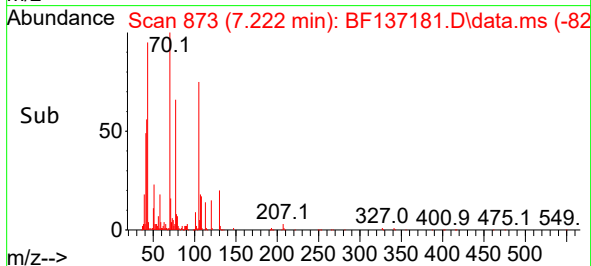
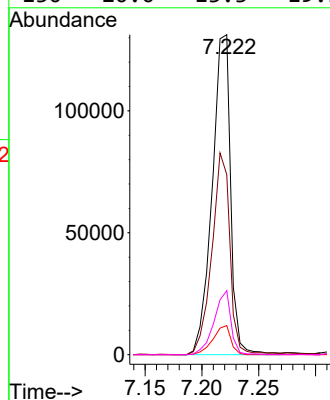
Ion Ratio Lower Upper

70 100

42 56.3 50.6 75.8

101 9.1 7.1 10.7

130 20.0 13.3 19.9#



#20

3+4-Methylphenols

Concen: 44.948 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Tgt Ion:107 Resp: 185092

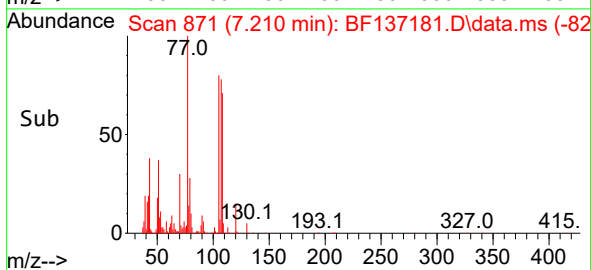
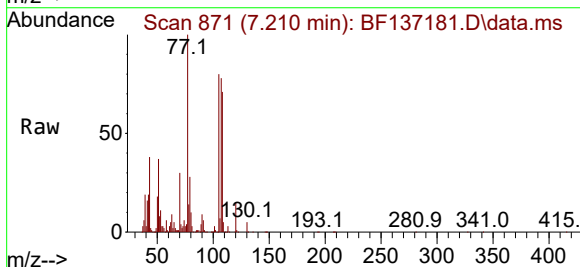
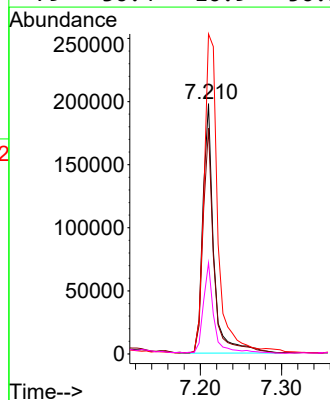
Ion Ratio Lower Upper

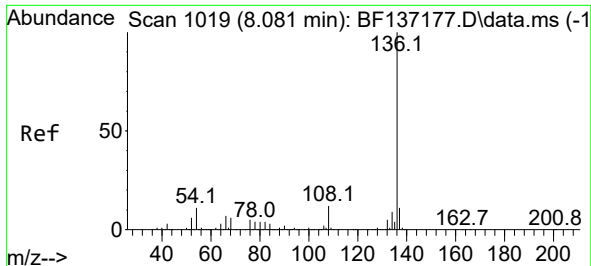
107 100

108 90.2 70.0 110.0

77 127.9 114.7 154.7

79 36.4 16.9 56.9

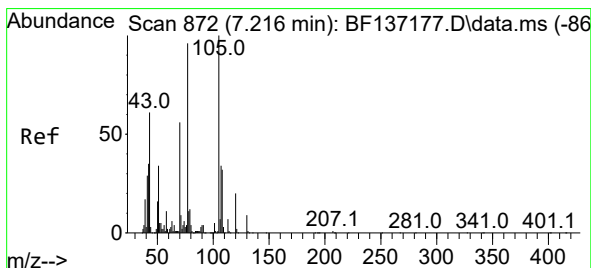
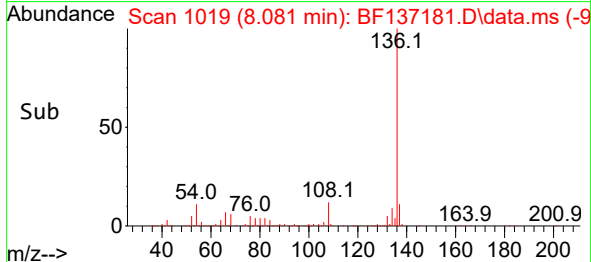
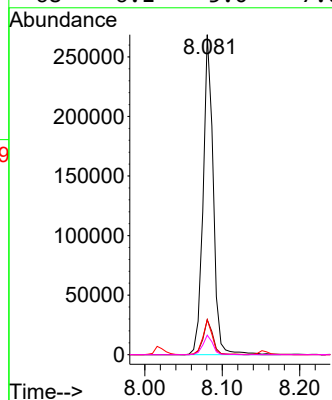
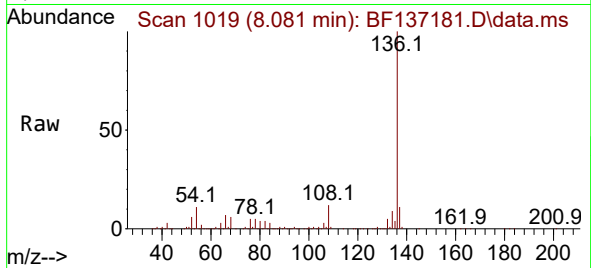




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

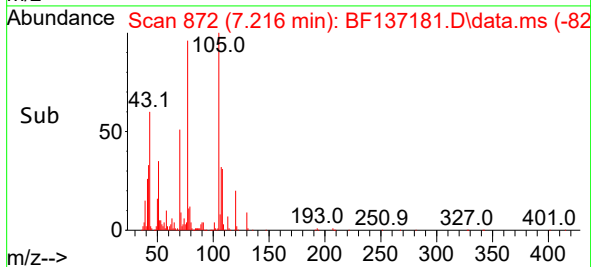
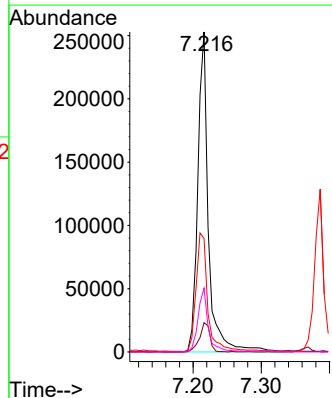
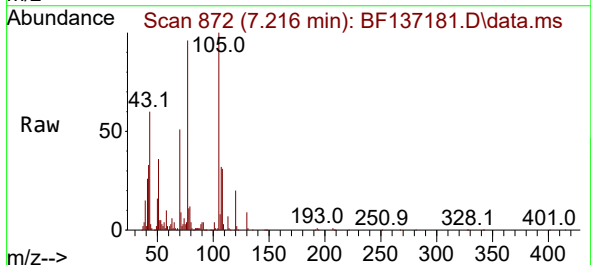
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

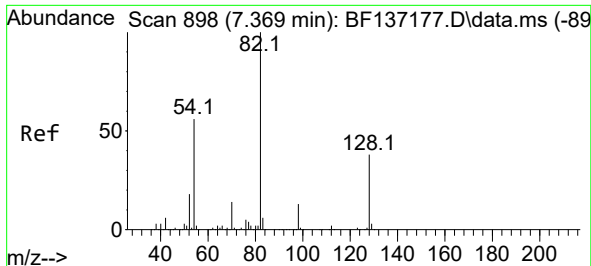
Tgt Ion:136 Resp: 243628
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.9 8.7 13.1
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 42.963 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:105 Resp: 274400
Ion Ratio Lower Upper
105 100
71 9.1 7.0 10.6
51 35.5 27.8 41.6
120 20.0 16.0 24.0

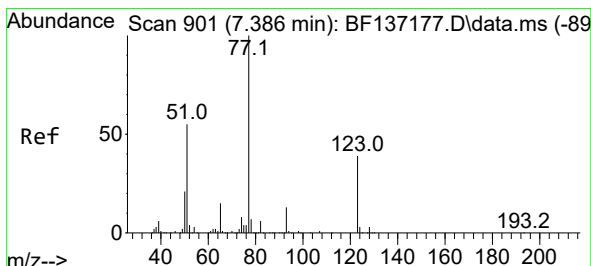
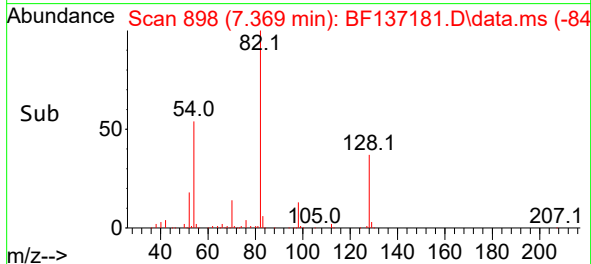
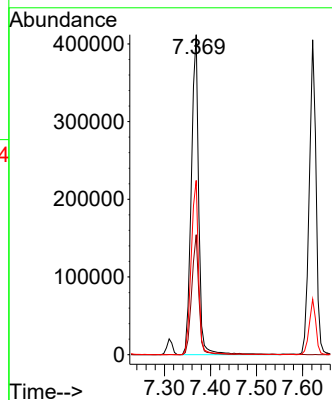
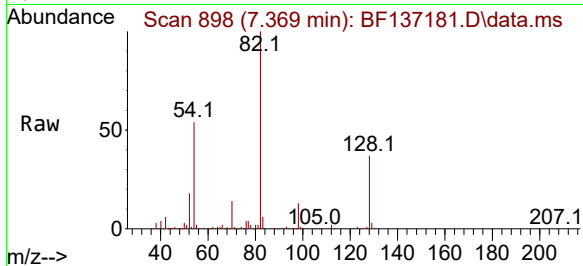




#23
Nitrobenzene-d5
Concen: 85.264 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

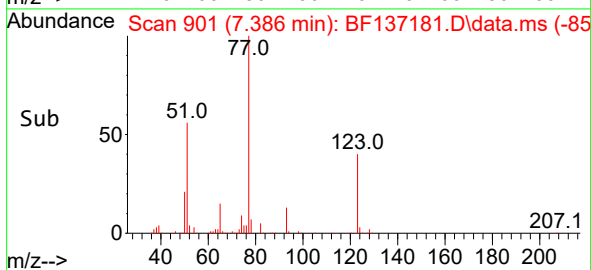
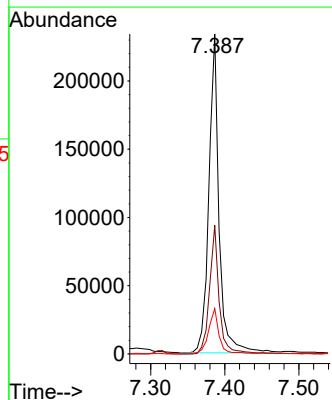
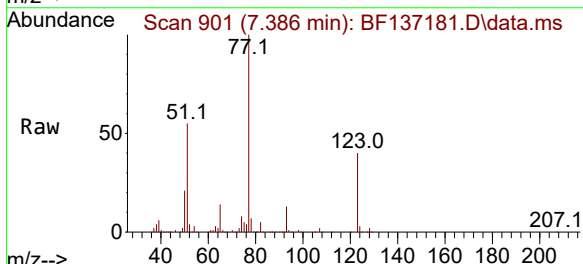
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

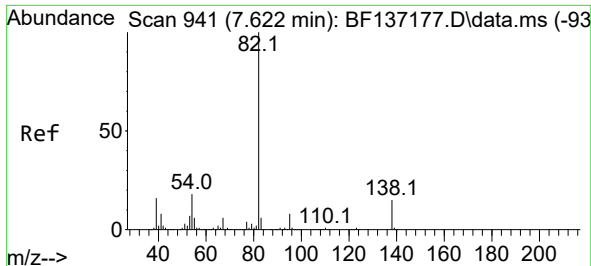
Tgt Ion: 82 Resp: 457903
Ion Ratio Lower Upper
82 100
128 37.5 30.3 45.5
54 54.5 44.9 67.3



#24
Nitrobenzene
Concen: 43.582 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion: 77 Resp: 223467
Ion Ratio Lower Upper
77 100
123 40.2 31.2 46.8
65 14.2 11.7 17.5

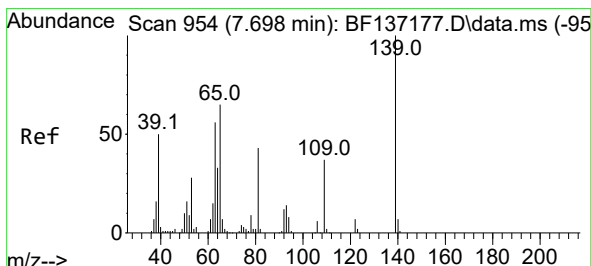
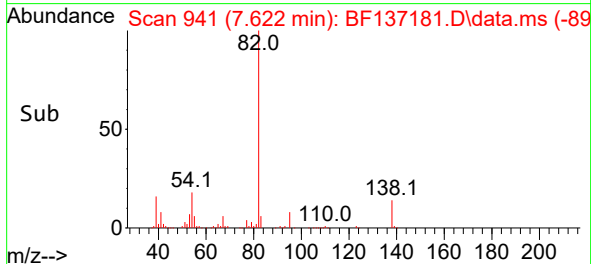
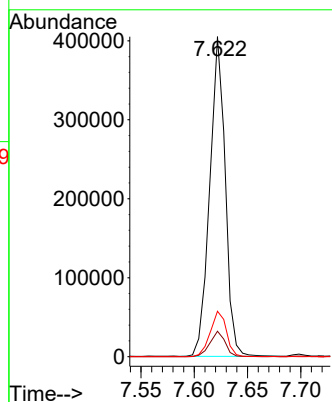
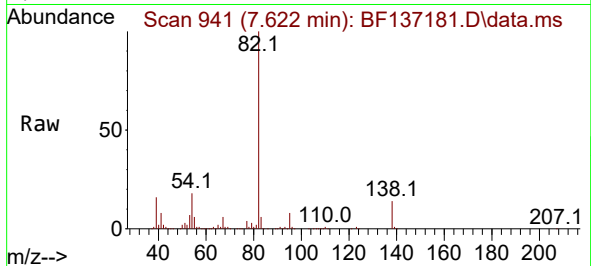




#25
Isophorone
Concen: 40.897 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

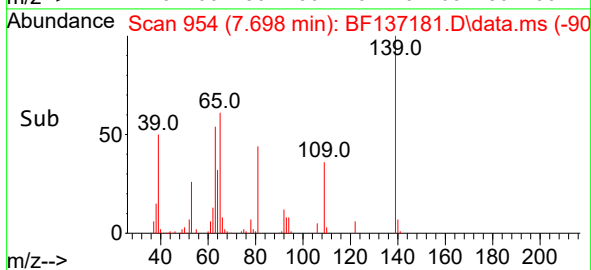
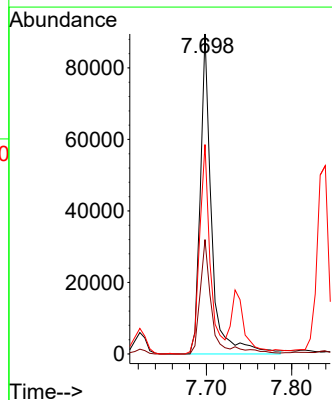
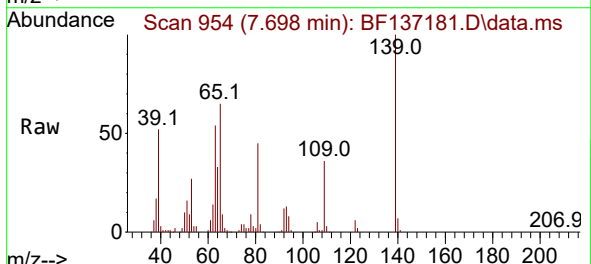
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

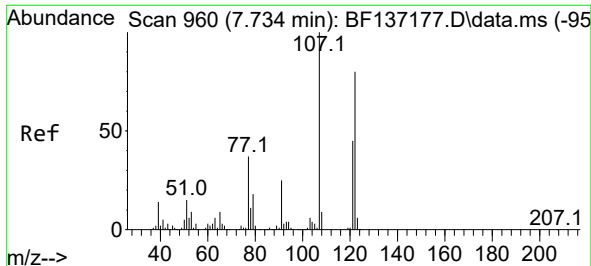
Tgt Ion: 82 Resp: 410589
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 14.2 11.6 17.4



#26
2-Nitrophenol
Concen: 43.032 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:139 Resp: 82676
Ion Ratio Lower Upper
139 100
109 35.8 29.9 44.9
65 65.5 52.4 78.6

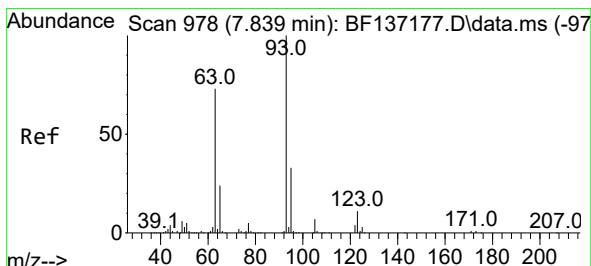
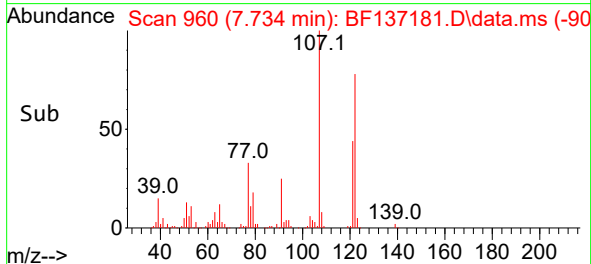
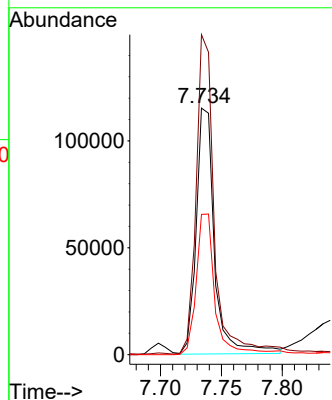
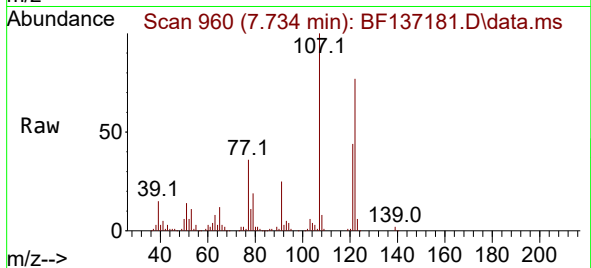




#27
2,4-Dimethylphenol
Concen: 43.224 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

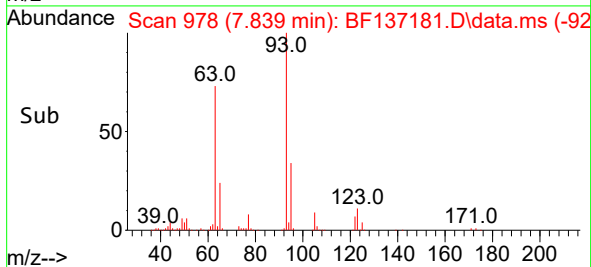
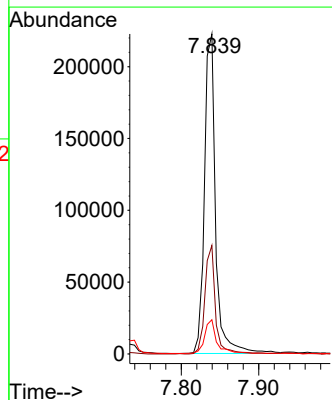
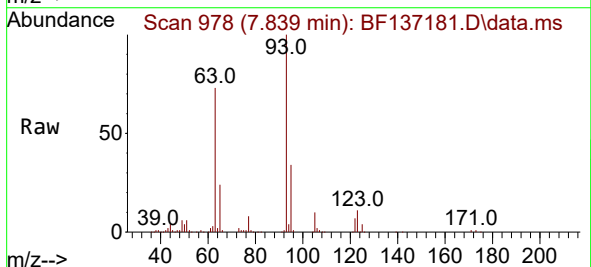
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

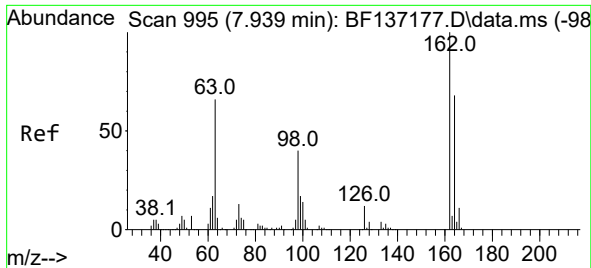
Tgt Ion:122 Resp: 120692
Ion Ratio Lower Upper
122 100
107 129.8 99.6 149.4
121 56.9 44.8 67.2



#28
bis(2-Chloroethoxy)methane
Concen: 42.144 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion: 93 Resp: 222892
Ion Ratio Lower Upper
93 100
95 33.9 26.2 39.4
123 10.7 8.8 13.2

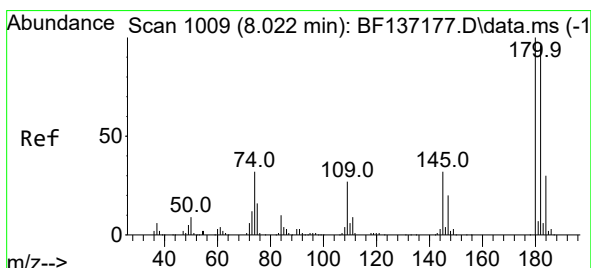
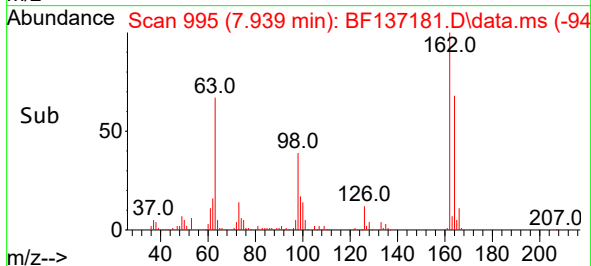
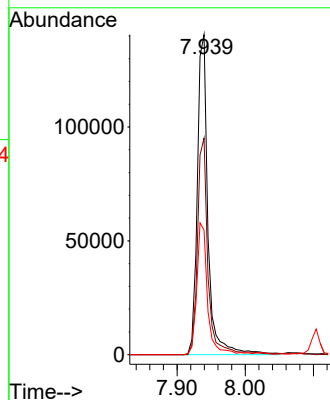
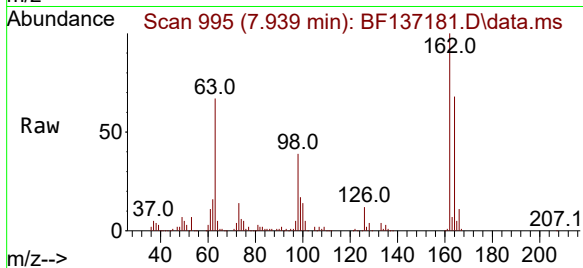




#29
2,4-Dichlorophenol
Concen: 45.303 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

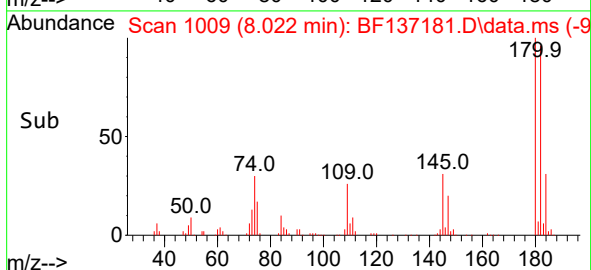
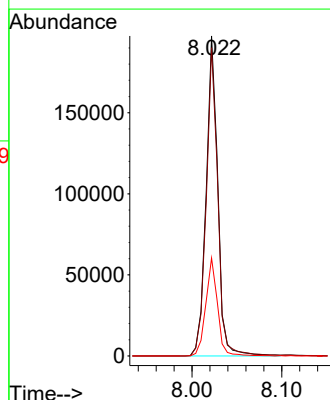
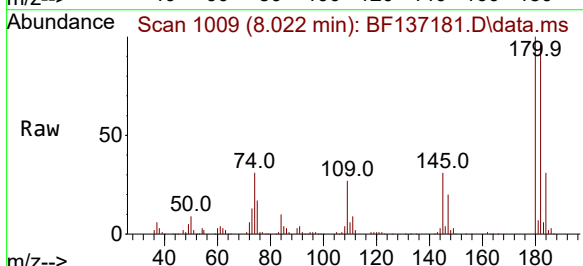
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

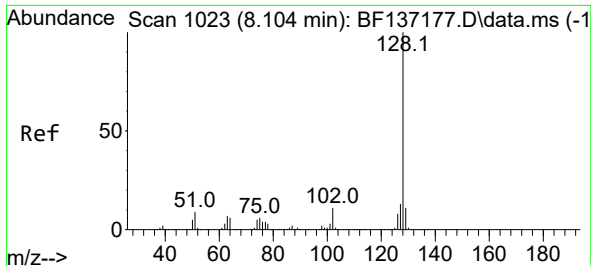
Tgt Ion:162 Resp: 152269
Ion Ratio Lower Upper
162 100
164 67.7 47.5 87.5
98 38.9 19.8 59.8



#30
1,2,4-Trichlorobenzene
Concen: 40.738 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:180 Resp: 178452
Ion Ratio Lower Upper
180 100
182 96.3 76.7 115.1
145 30.6 25.8 38.6

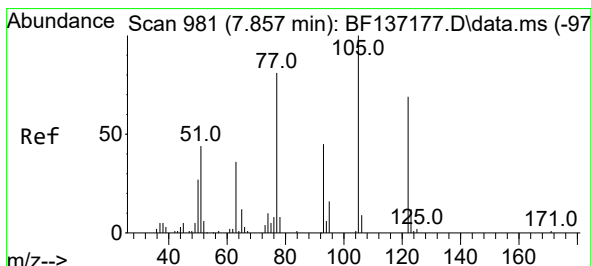
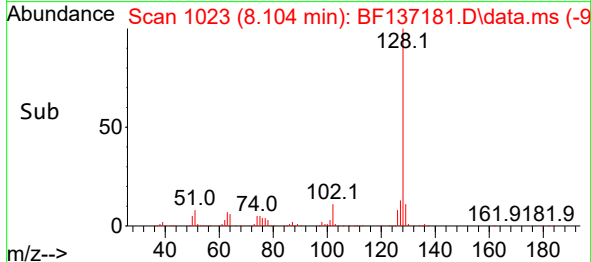
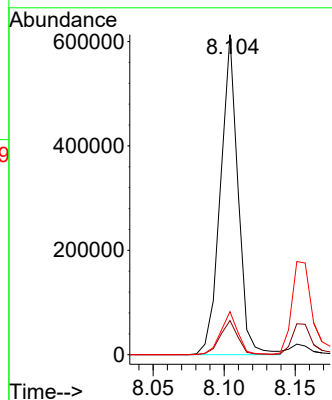
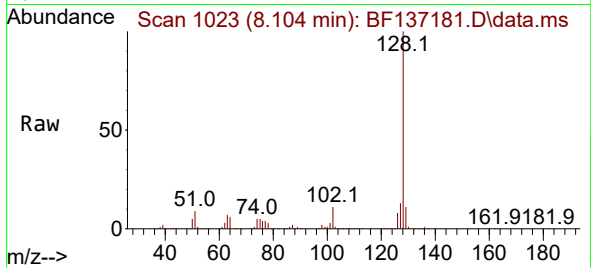




#31
Naphthalene
Concen: 40.722 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

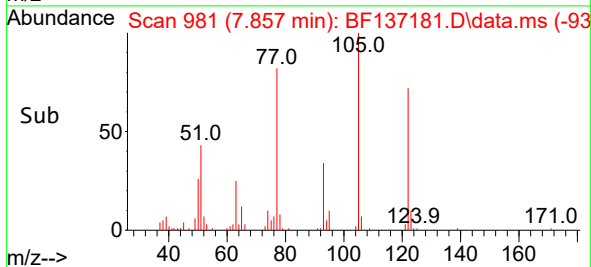
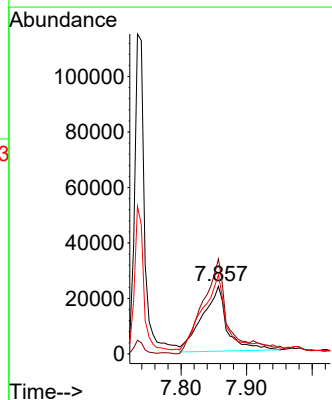
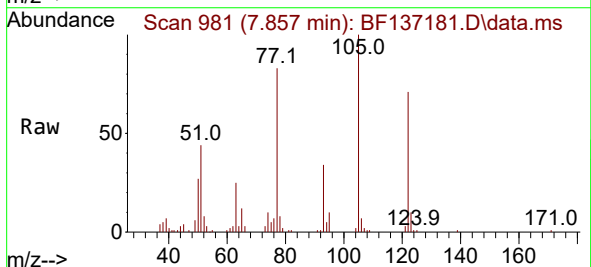
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

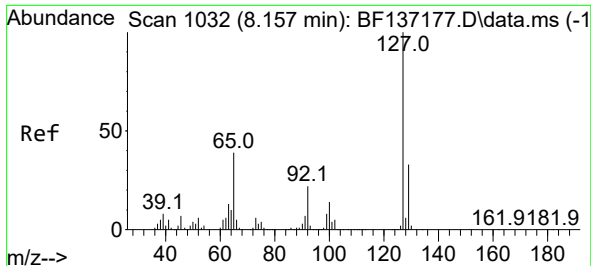
Tgt Ion:128 Resp: 525241
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 44.229 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:122 Resp: 61967
Ion Ratio Lower Upper
122 100
105 140.6 112.6 152.6
77 117.0 92.3 132.3

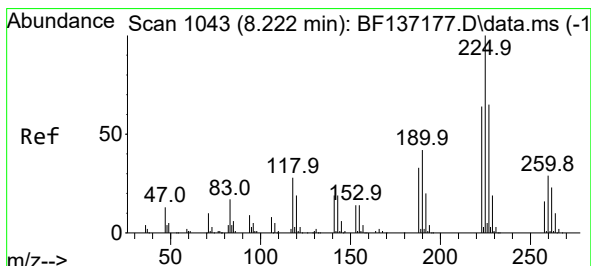
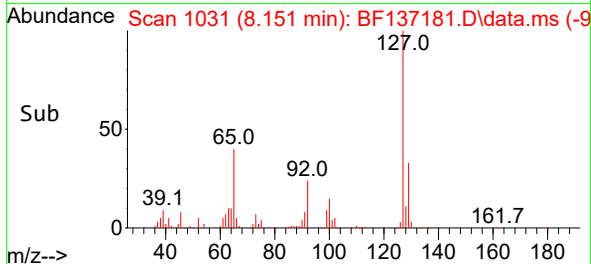
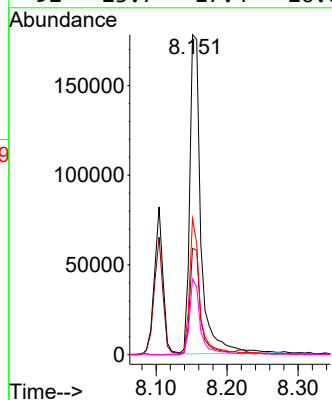
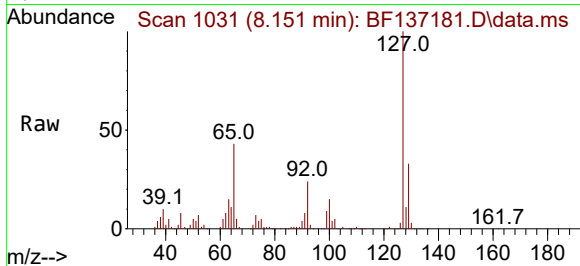




#33
4-Chloroaniline
Concen: 45.215 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

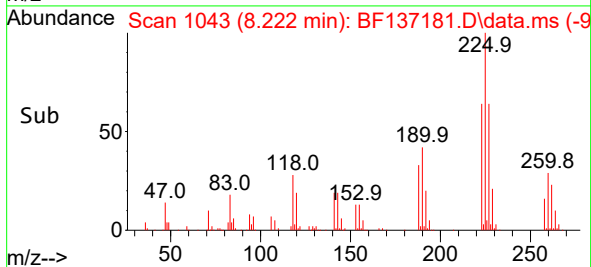
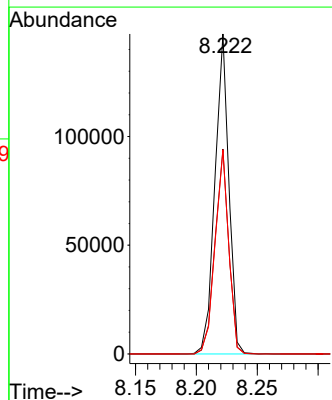
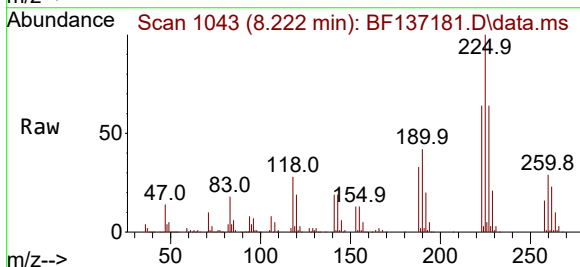
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

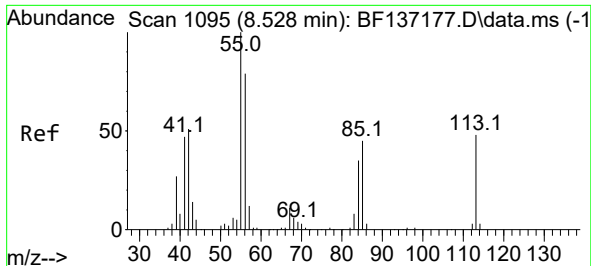
Tgt Ion:	127	Resp:	195332
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	42.5	31.0	46.4
92	23.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 40.522 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:	225	Resp:	117183
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.5	77.3
227	63.7	51.9	77.9

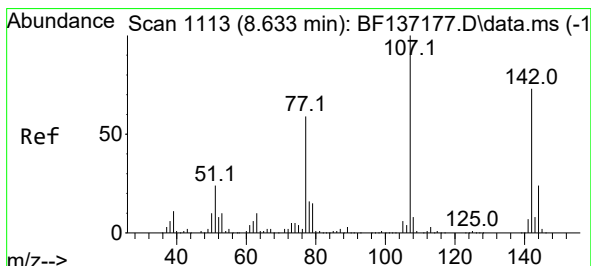
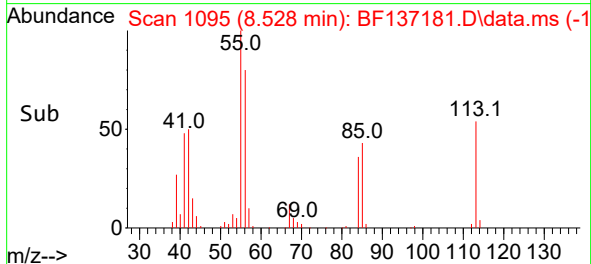
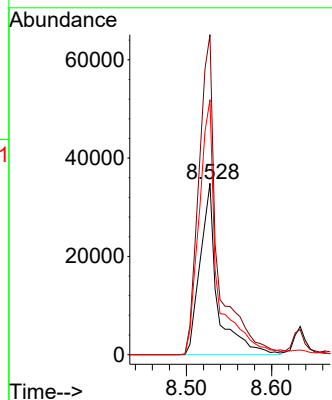
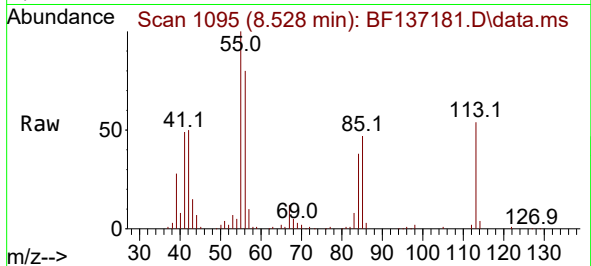




#35
 Caprolactam
 Concen: 44.737 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

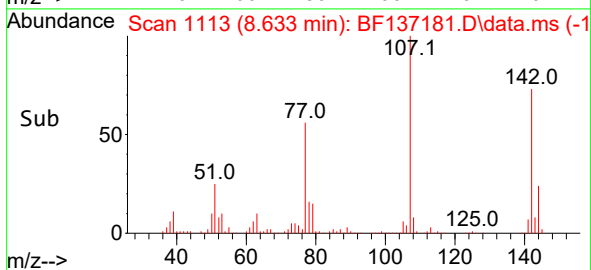
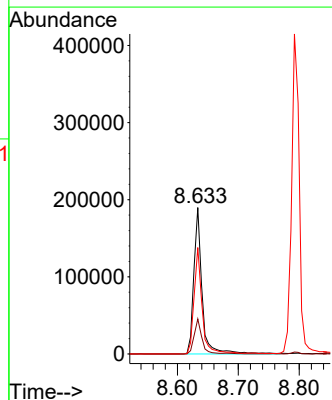
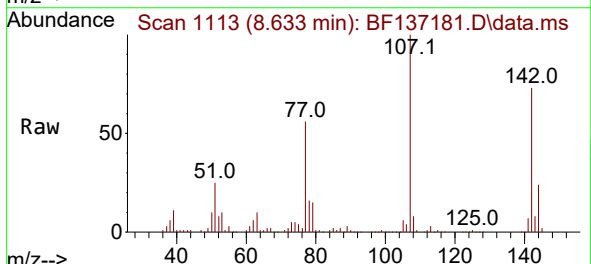
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012724

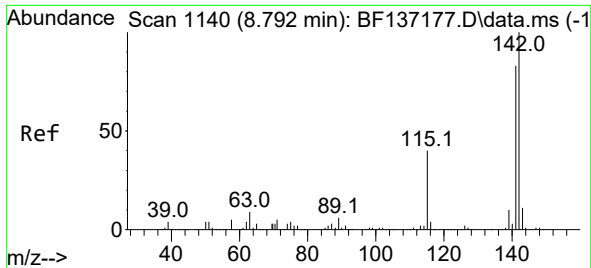
Tgt Ion:113 Resp: 49656
 Ion Ratio Lower Upper
 113 100
 55 186.8 186.6 226.6
 56 148.9 142.9 182.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.551 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

Tgt Ion:107 Resp: 179273
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.2 28.8
 142 72.7 58.2 87.4

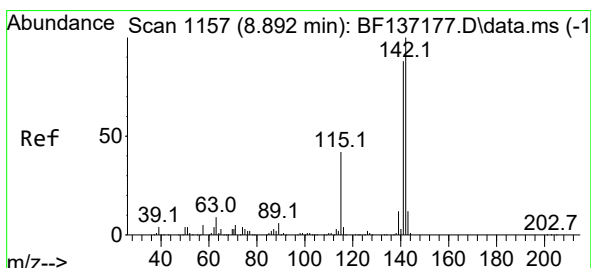
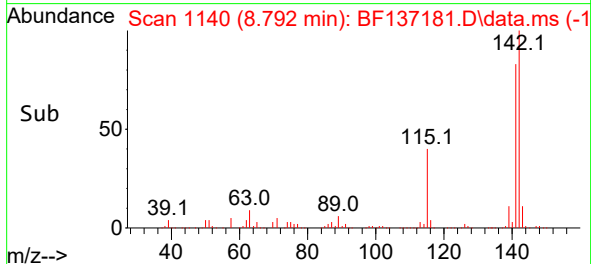
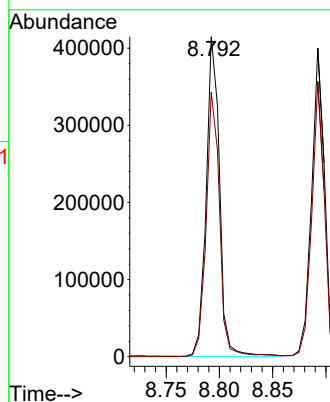
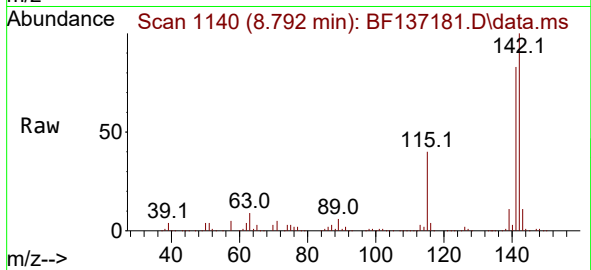




#37
 2-Methylnaphthalene
 Concen: 41.181 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. 0.000 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

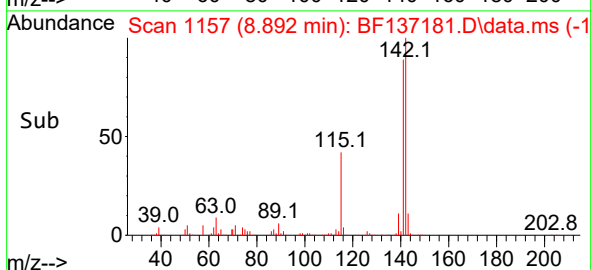
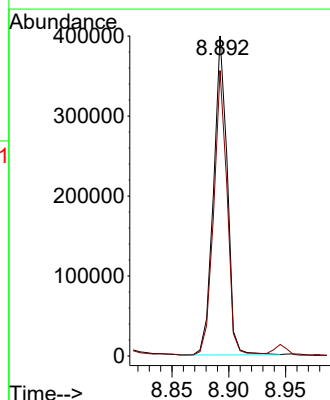
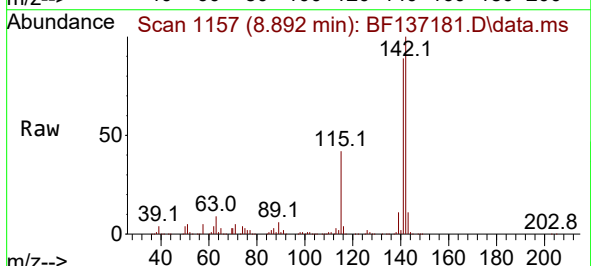
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012724

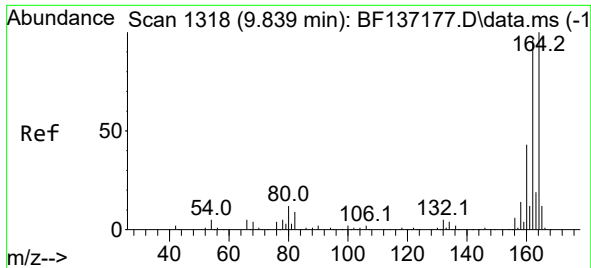
Tgt Ion:142 Resp: 361079
 Ion Ratio Lower Upper
 142 100
 141 82.7 66.2 99.4



#38
 1-Methylnaphthalene
 Concen: 40.565 ng
 RT: 8.892 min Scan# 1157
 Delta R.T. 0.000 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

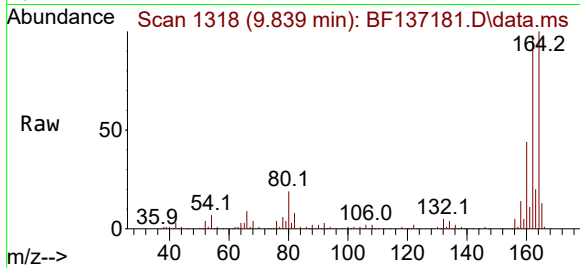
Tgt Ion:142 Resp: 333893
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.5 105.7



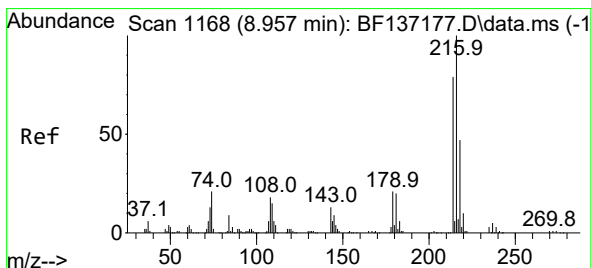
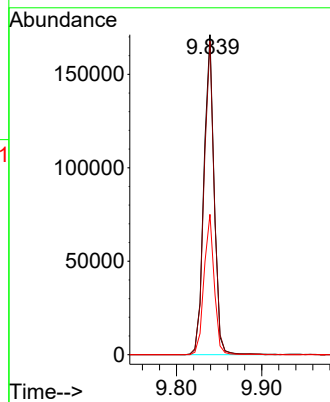
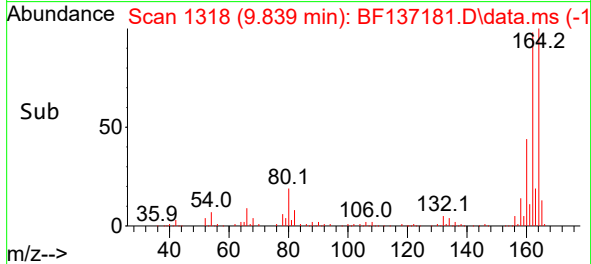


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

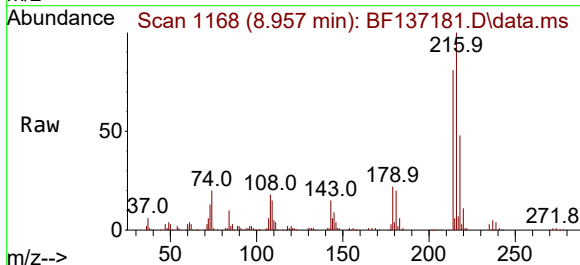
Instrument :
BNA_F
ClientSampleId :
ICVBF012724



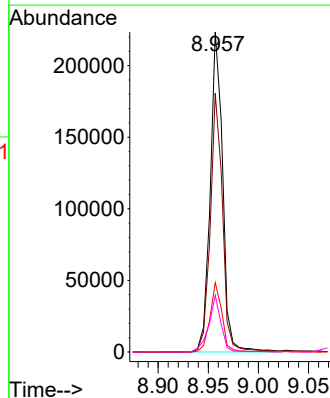
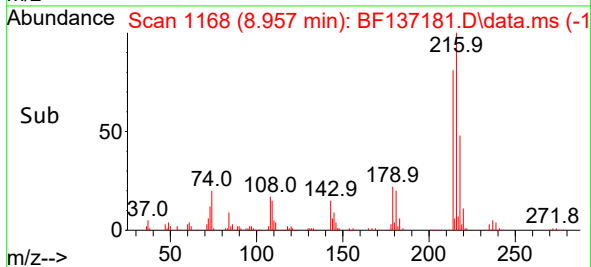
Tgt Ion:164 Resp: 142661
Ion Ratio Lower Upper
164 100
162 98.0 77.0 115.4
160 43.8 34.2 51.2

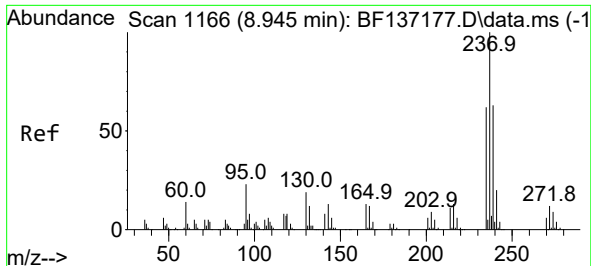


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.891 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45



Tgt Ion:216 Resp: 193874
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 21.0 16.2 24.2
108 17.3 14.4 21.6

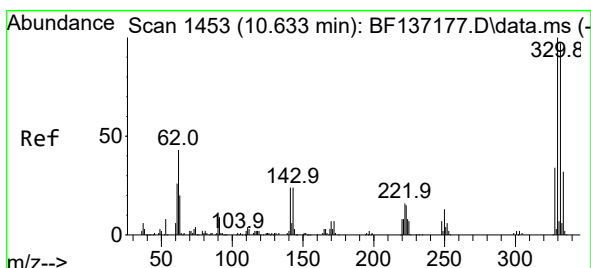
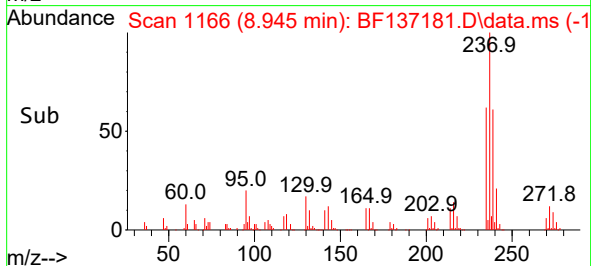
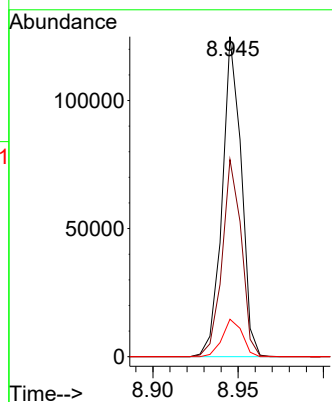
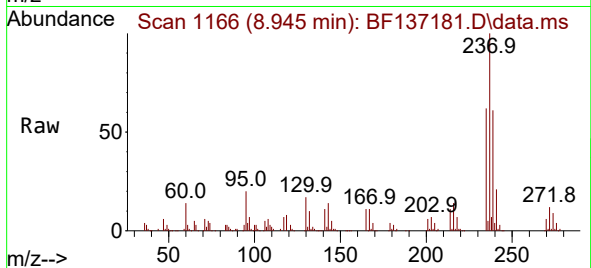




#41
Hexachlorocyclopentadiene
Concen: 43.318 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

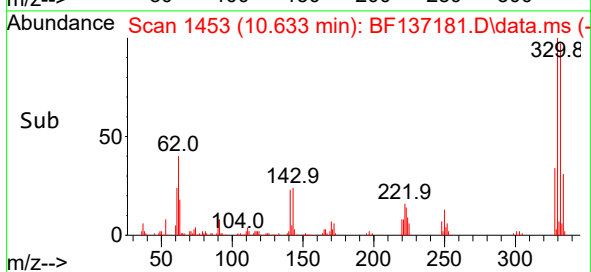
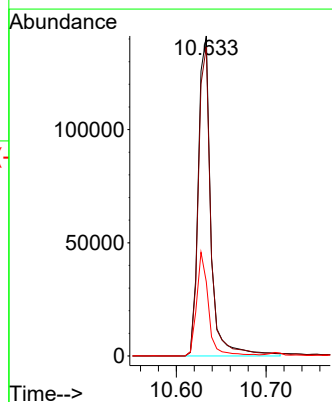
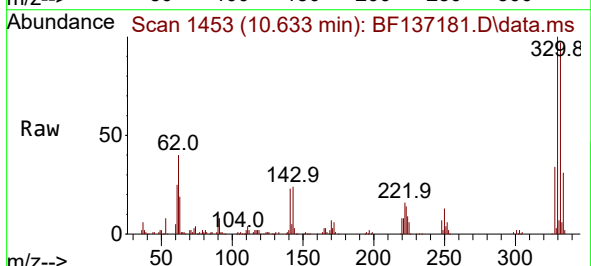
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

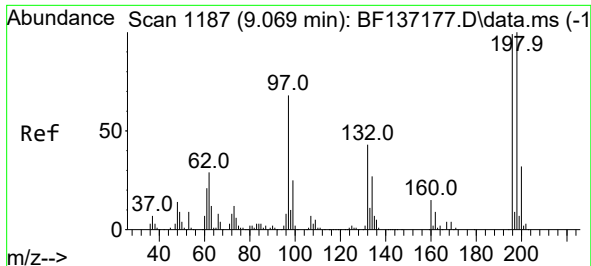
Tgt Ion:237 Resp: 96972
Ion Ratio Lower Upper
237 100
235 61.6 41.7 81.7
272 11.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 86.230 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:330 Resp: 137440
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 30.7 23.7 35.5

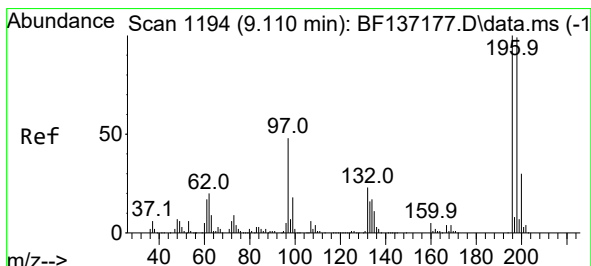
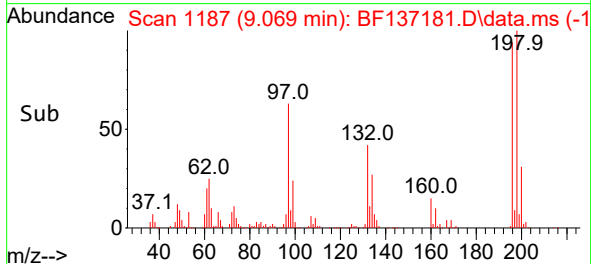
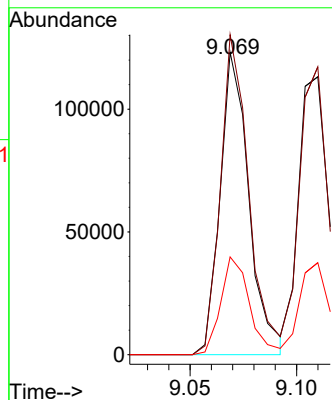
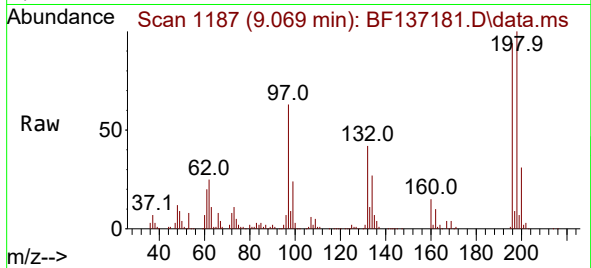




#43
2,4,6-Trichlorophenol
Concen: 43.277 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

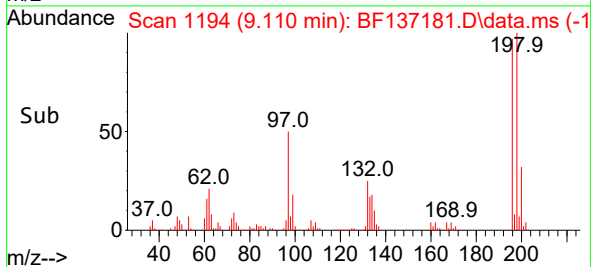
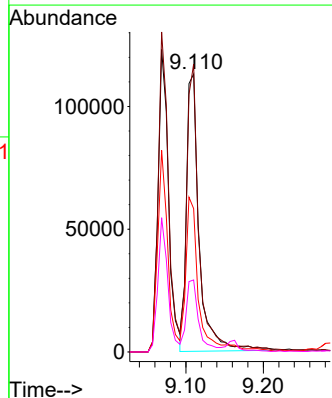
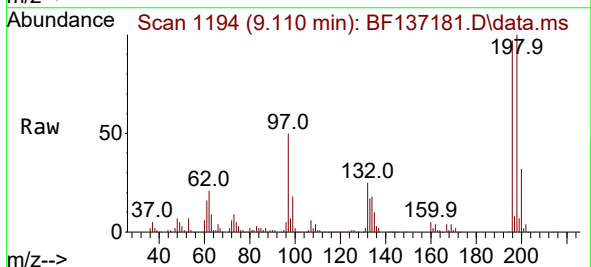
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

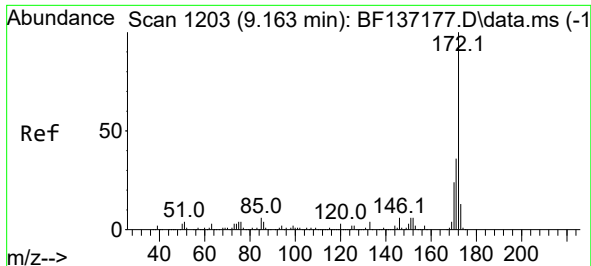
Tgt Ion:196 Resp: 115654
Ion Ratio Lower Upper
196 100
198 105.8 80.9 121.3
200 32.4 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 47.071 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:196 Resp: 130094
Ion Ratio Lower Upper
196 100
198 103.6 79.2 118.8
97 51.6 39.7 59.5
132 25.9 19.4 29.2

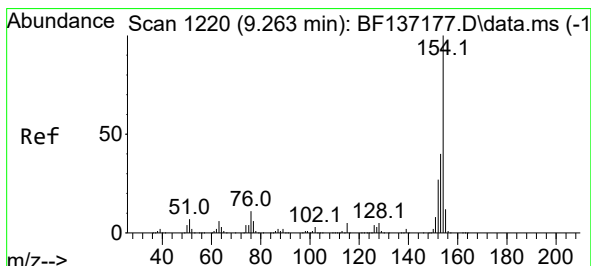
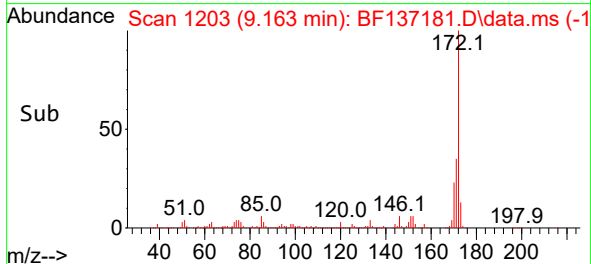
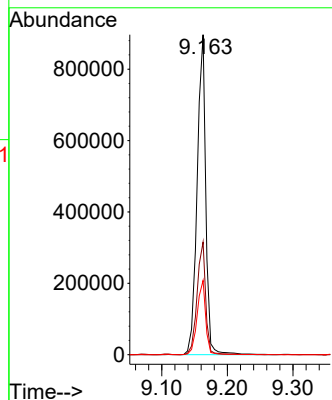
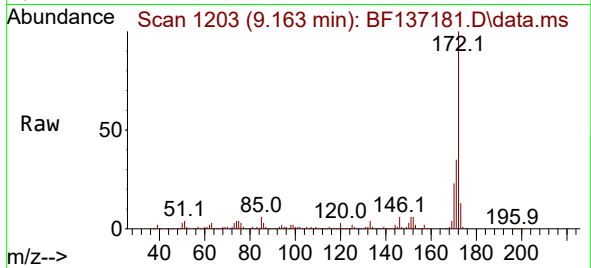




#45
2-Fluorobiphenyl
Concen: 81.141 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

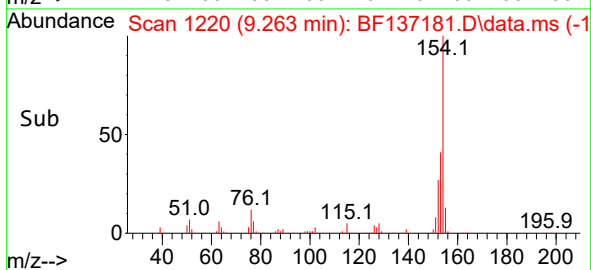
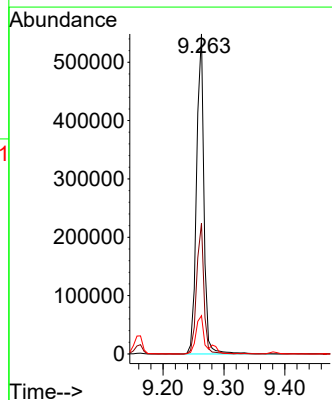
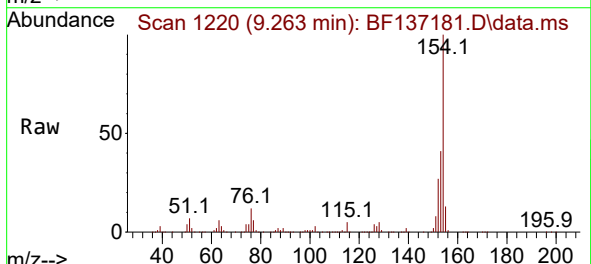
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

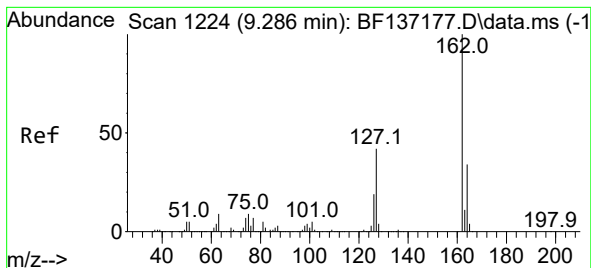
Tgt Ion:172 Resp: 824484
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 41.230 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:154 Resp: 462708
Ion Ratio Lower Upper
154 100
153 40.9 20.0 60.0
76 11.9 0.0 31.5





#47

2-Chloronaphthalene

Concen: 41.531 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

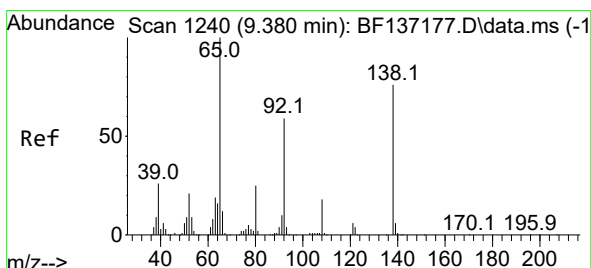
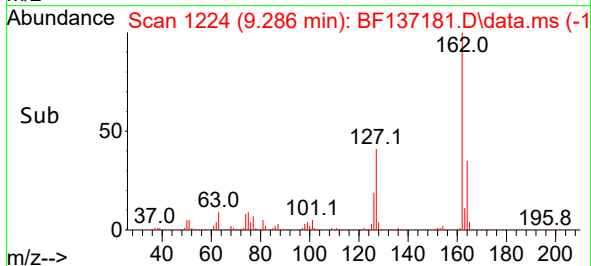
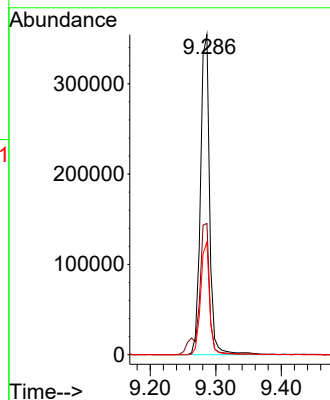
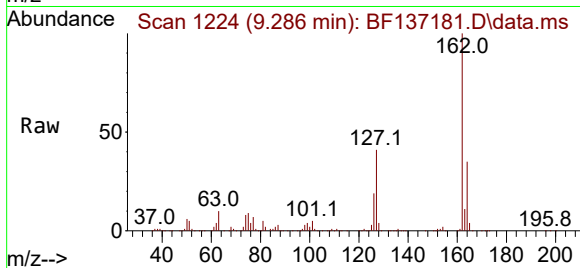
Tgt Ion:162 Resp: 344393

Ion Ratio Lower Upper

162 100

127 41.0 33.5 50.3

164 35.2 27.4 41.0



#48

2-Nitroaniline

Concen: 46.874 ng

RT: 9.380 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

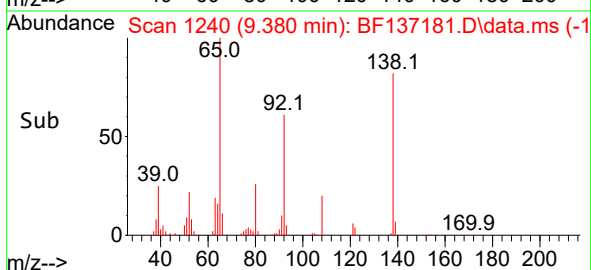
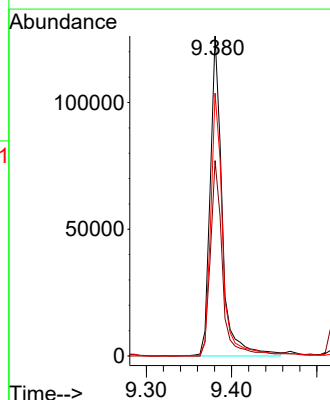
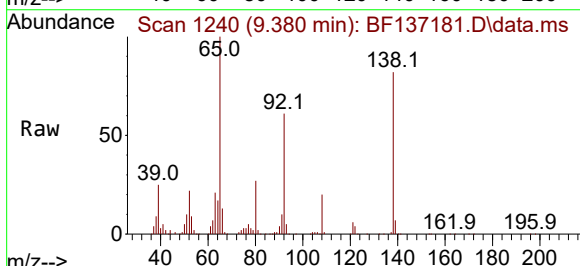
Tgt Ion: 65 Resp: 123130

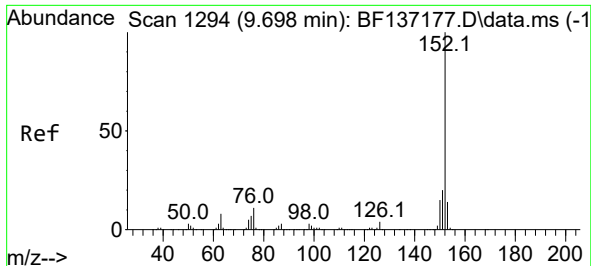
Ion Ratio Lower Upper

65 100

92 61.0 47.6 71.4

138 82.1 61.0 91.4

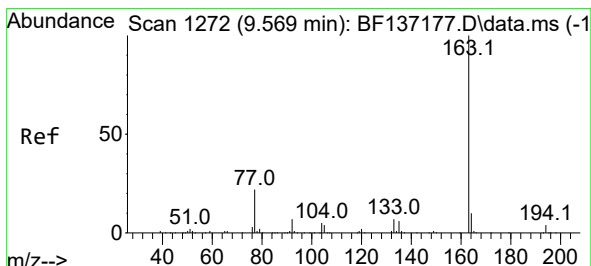
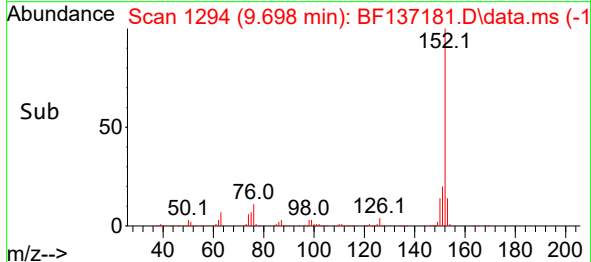
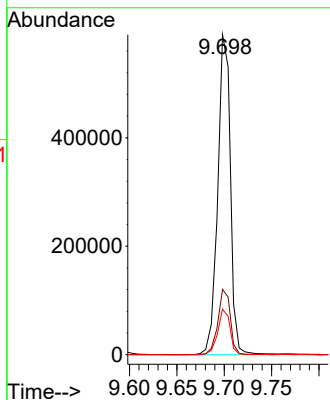
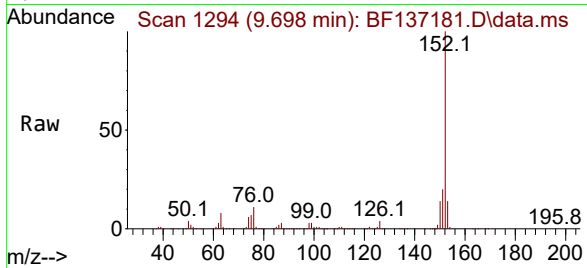




#49
Acenaphthylene
Concen: 41.081 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

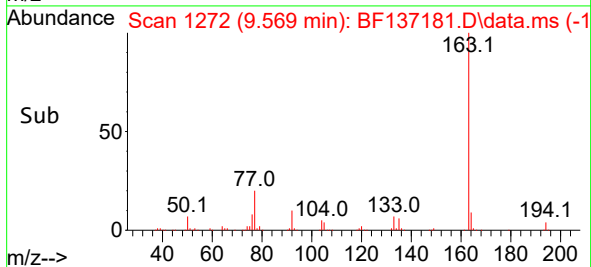
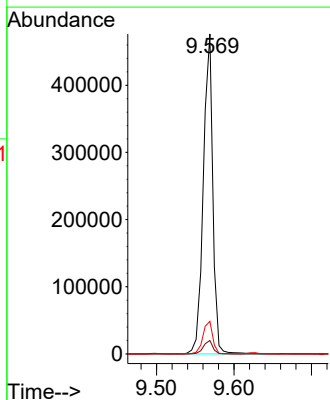
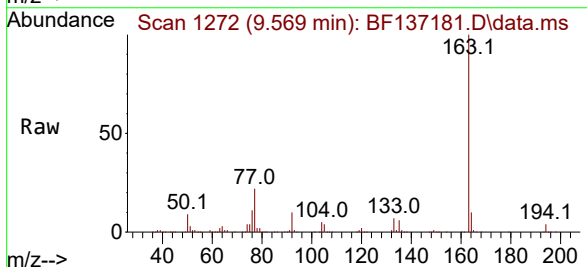
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

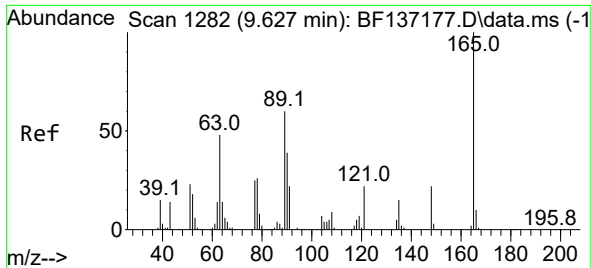
Tgt Ion:152 Resp: 550816
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.2 11.1 16.7



#50
Dimethylphthalate
Concen: 40.912 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:163 Resp: 405697
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.3 12.5

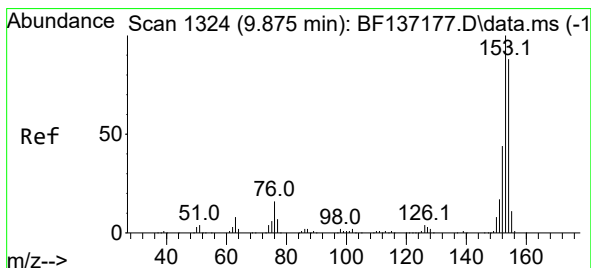
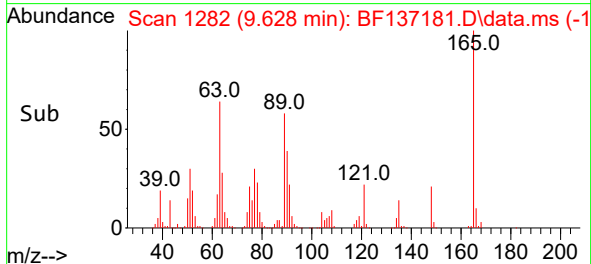
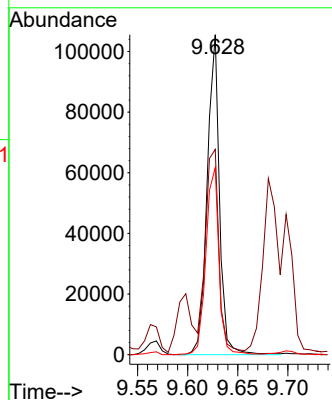
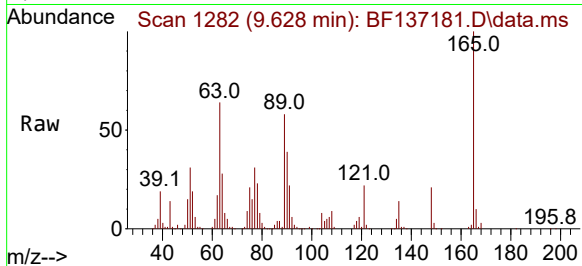




#51
2,6-Dinitrotoluene
Concen: 44.319 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

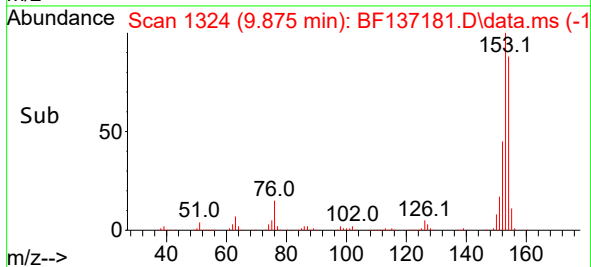
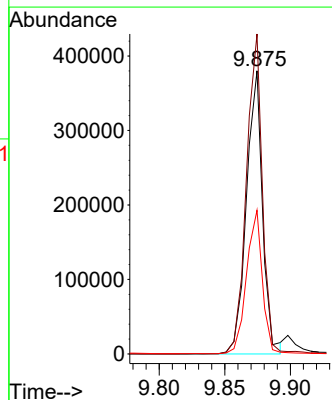
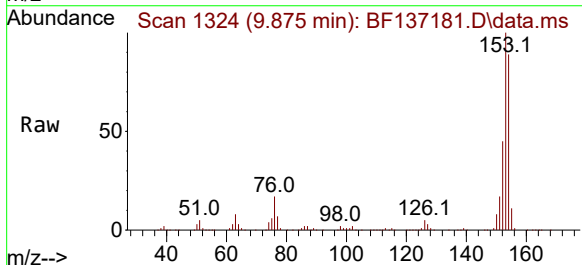
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

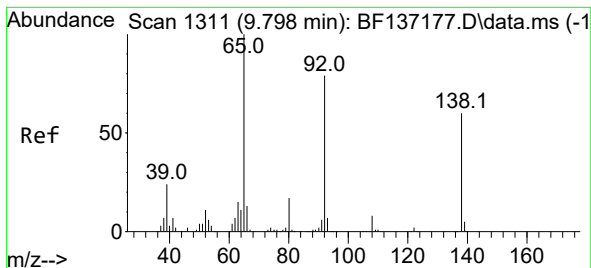
Tgt Ion:165 Resp: 90612
Ion Ratio Lower Upper
165 100
63 64.2 51.4 77.2
89 58.5 47.8 71.8



#52
Acenaphthene
Concen: 40.880 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:154 Resp: 326022
Ion Ratio Lower Upper
154 100
153 113.0 91.0 136.4
152 50.7 40.0 60.0

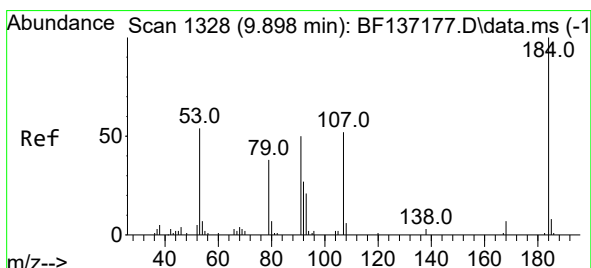
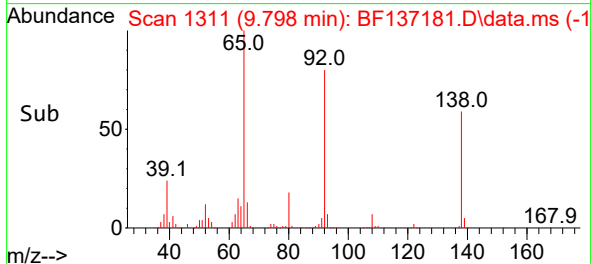
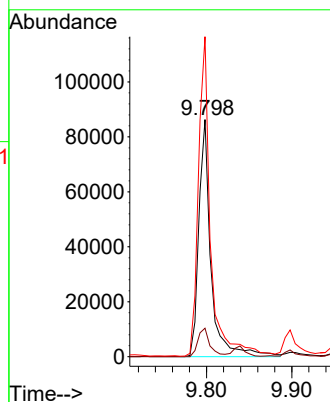
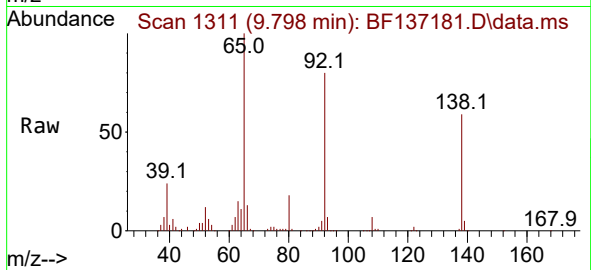




#53
3-Nitroaniline
Concen: 42.628 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

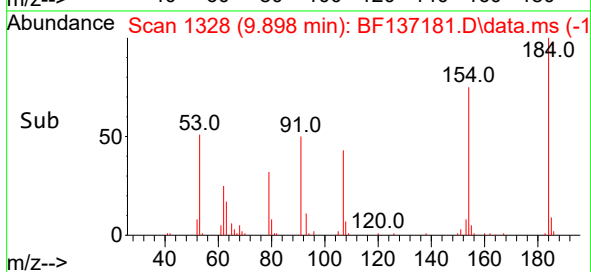
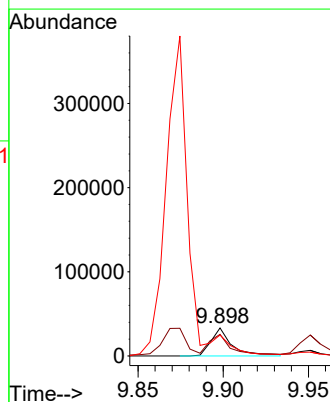
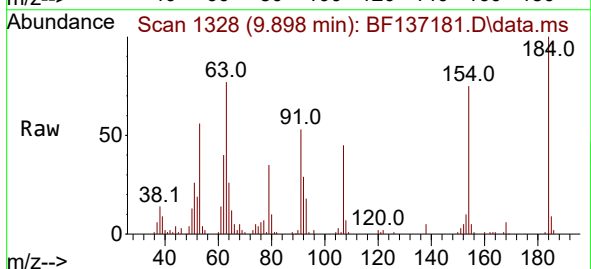
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

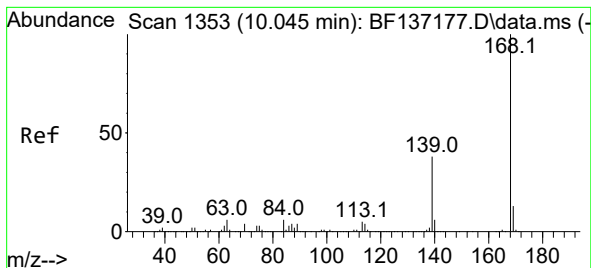
Tgt Ion:138 Resp: 85723
Ion Ratio Lower Upper
138 100
108 12.0 9.9 14.9
92 134.9 105.4 158.0



#54
2,4-Dinitrophenol
Concen: 44.721 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:184 Resp: 28755
Ion Ratio Lower Upper
184 100
63 77.2 63.2 94.8
154 74.6 63.6 95.4





#55

Dibenzenofuran

Concen: 41.066 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

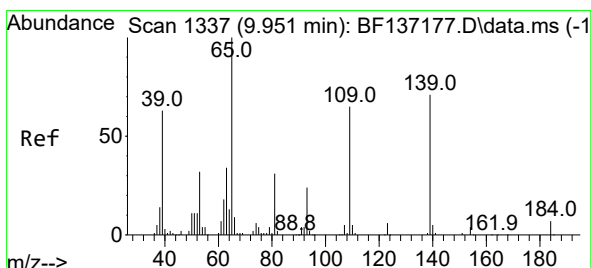
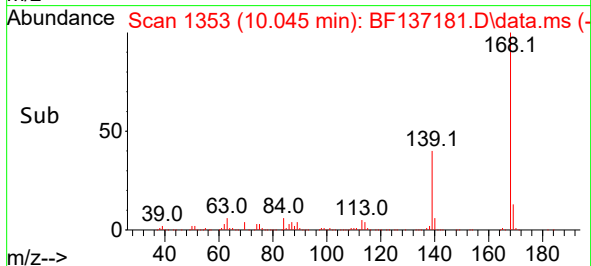
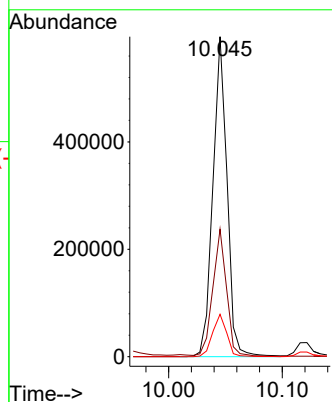
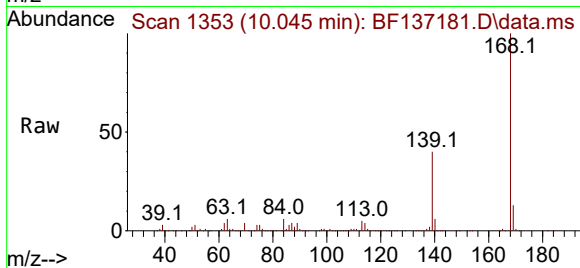
Tgt Ion:168 Resp: 514107

Ion Ratio Lower Upper

168 100

139 39.9 31.2 46.8

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 43.066 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

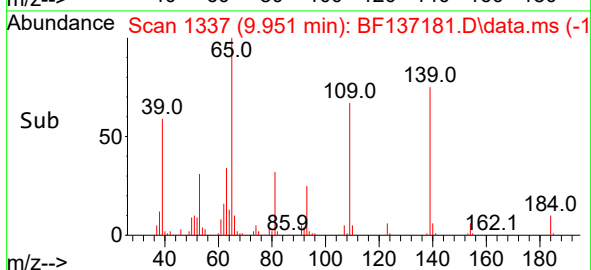
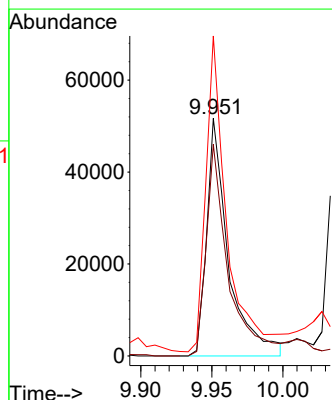
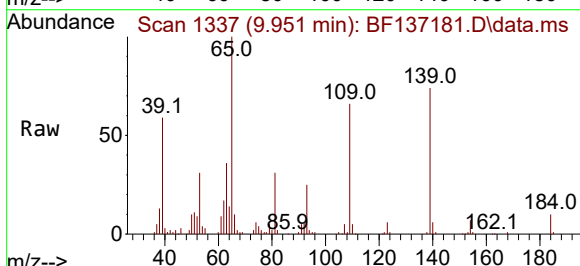
Tgt Ion:139 Resp: 55298

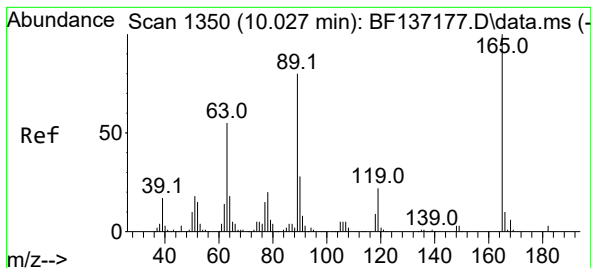
Ion Ratio Lower Upper

139 100

109 89.1 72.6 112.6

65 134.7 124.2 164.2

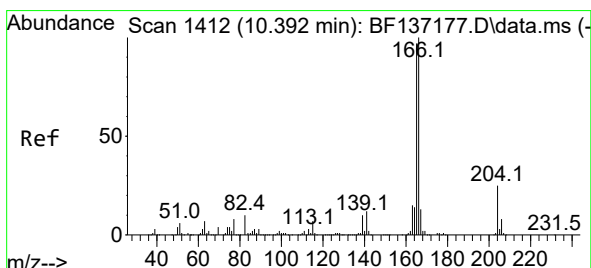
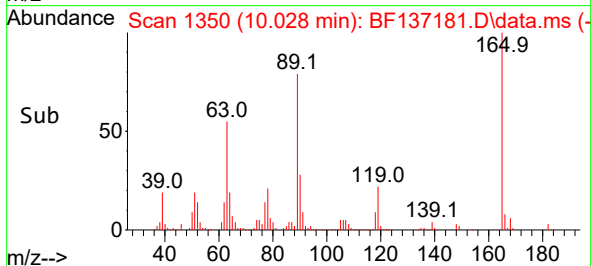
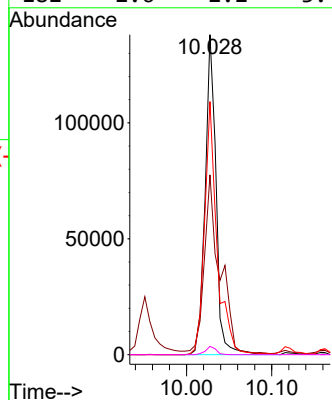
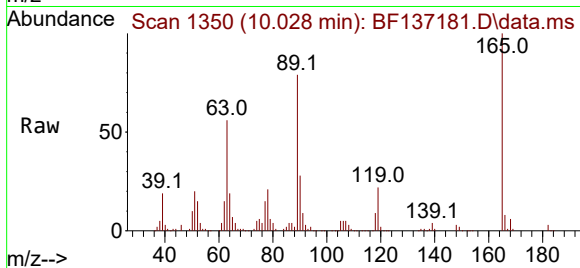




#57
2,4-Dinitrotoluene
Concen: 47.059 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

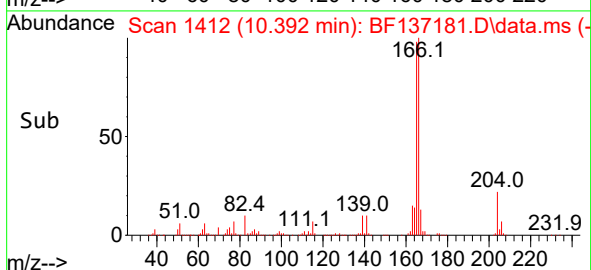
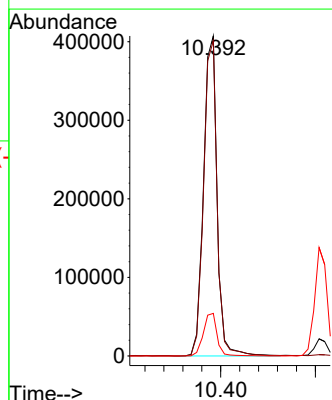
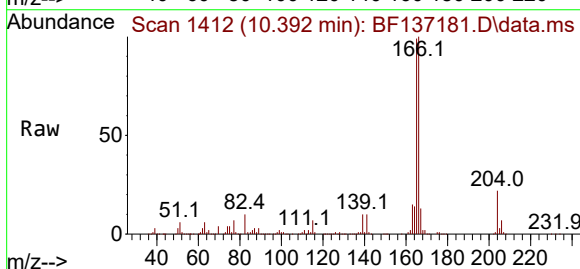
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

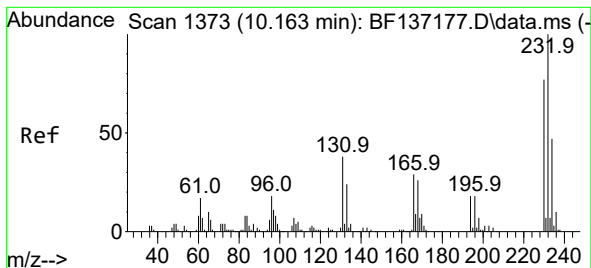
Tgt Ion:165 Resp: 122779
Ion Ratio Lower Upper
165 100
63 56.2 45.0 67.6
89 79.1 64.2 96.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 40.860 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:166 Resp: 402084
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.3 10.4 15.6

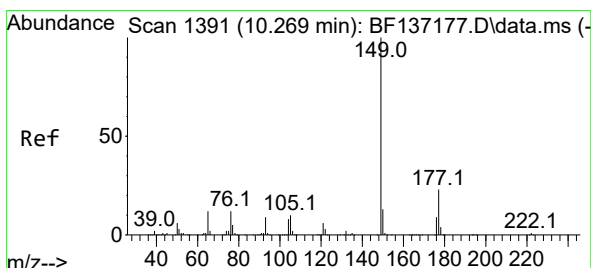
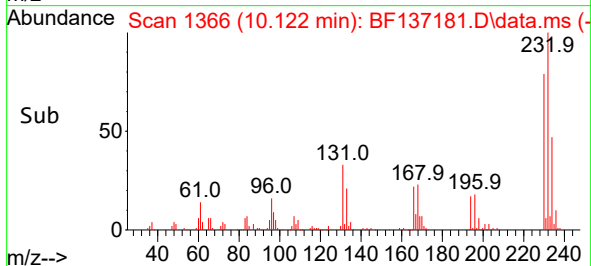
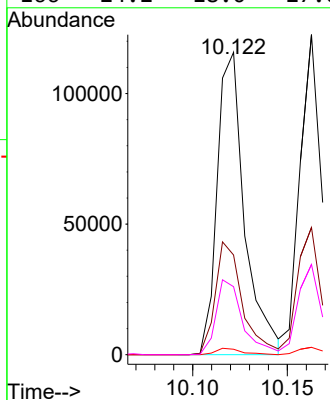
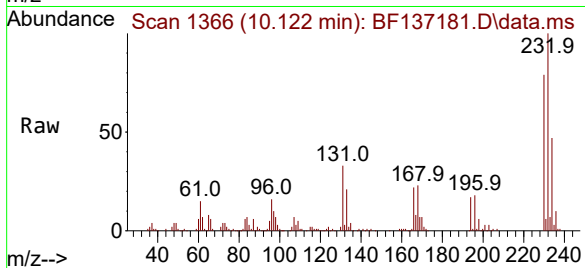




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.811 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

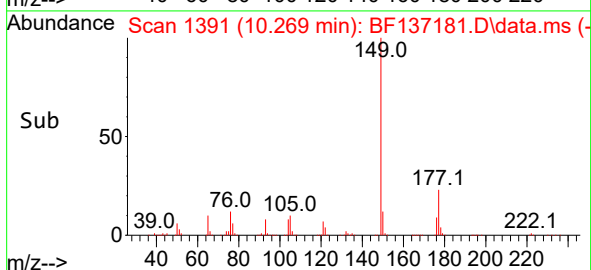
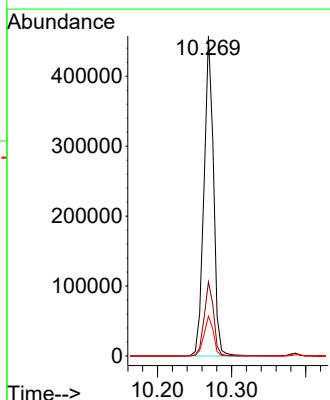
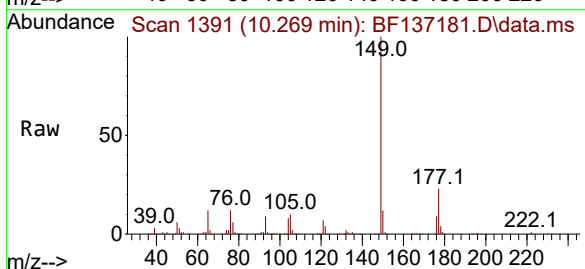
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

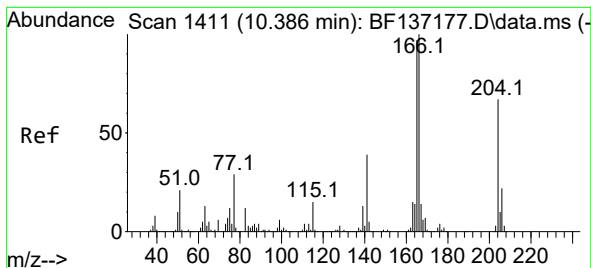
Tgt Ion:232 Resp: 116544
Ion Ratio Lower Upper
232 100
131 37.0 28.2 42.4
130 2.0 1.5 2.3
166 24.2 18.0 27.0



#60
Diethylphthalate
Concen: 41.580 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:149 Resp: 409171
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.5 10.0 15.0

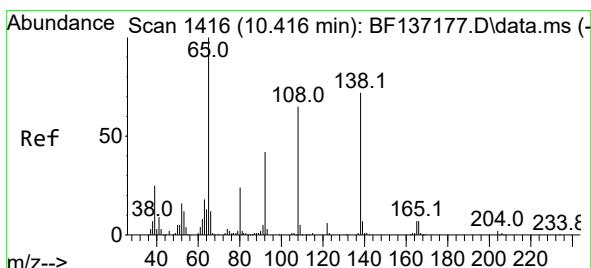
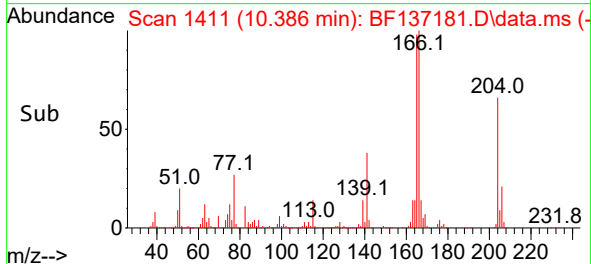
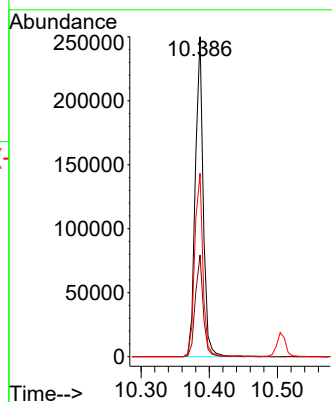
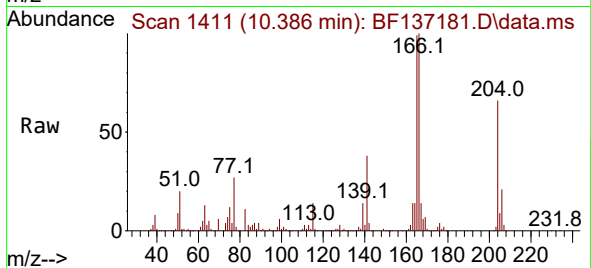




#61
4-Chlorophenyl-phenylether
Concen: 40.623 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

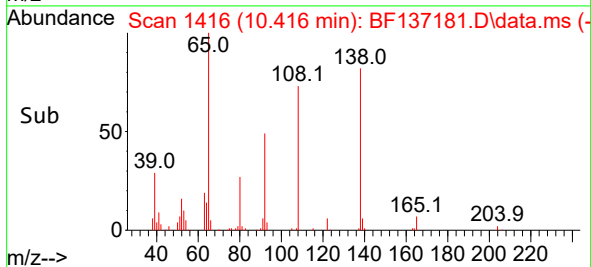
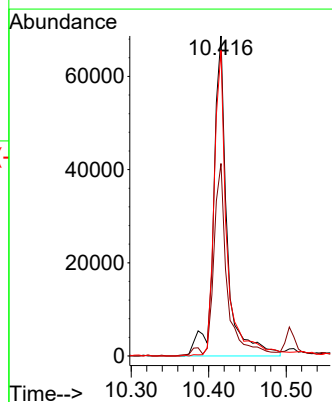
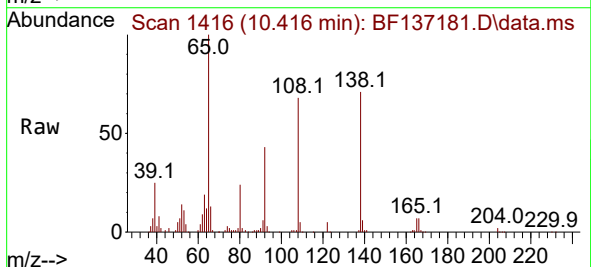
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

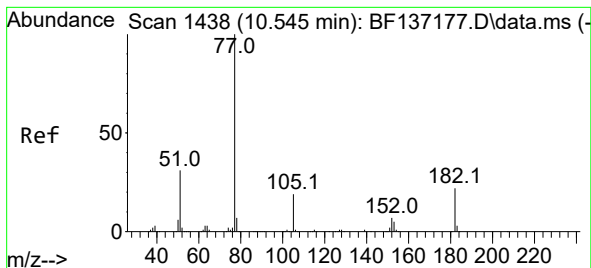
Tgt Ion:204 Resp: 199508
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.8
141 57.3 46.5 69.7



#62
4-Nitroaniline
Concen: 44.464 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:138 Resp: 83125
Ion Ratio Lower Upper
138 100
92 60.2 37.6 77.6
108 95.5 69.4 109.4





#63

Azobenzene

Concen: 40.741 ng

RT: 10.545 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

Tgt Ion: 77 Resp: 436667

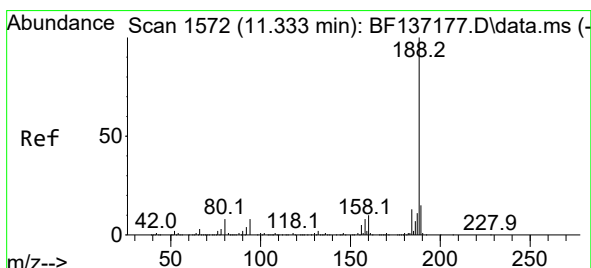
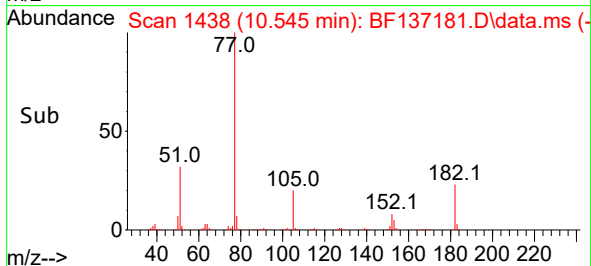
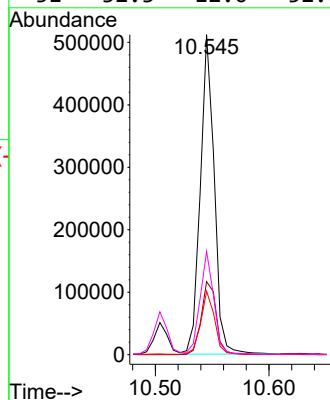
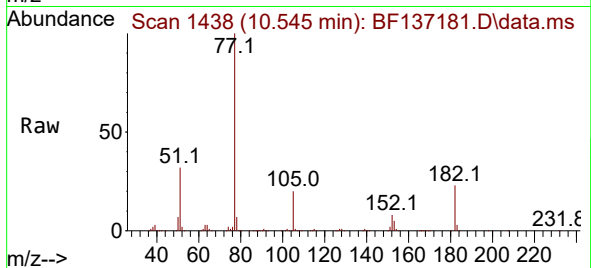
Ion Ratio Lower Upper

77 100

182 22.9 1.9 41.9

105 19.9 0.0 39.1

51 32.3 12.0 52.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

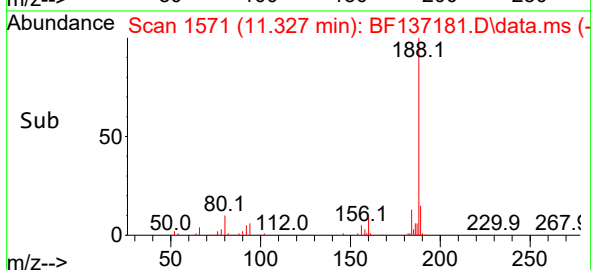
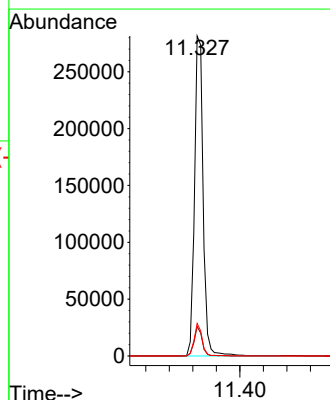
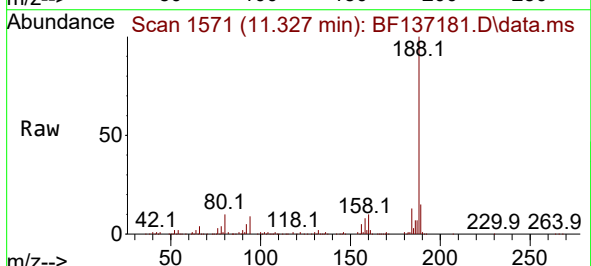
Tgt Ion:188 Resp: 287609

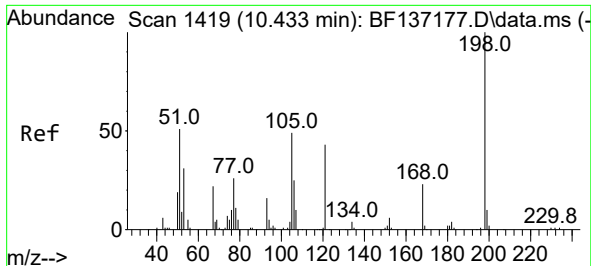
Ion Ratio Lower Upper

188 100

94 9.2 6.0 9.0#

80 10.2 6.7 10.1#

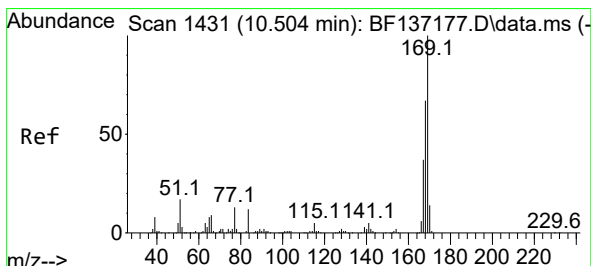
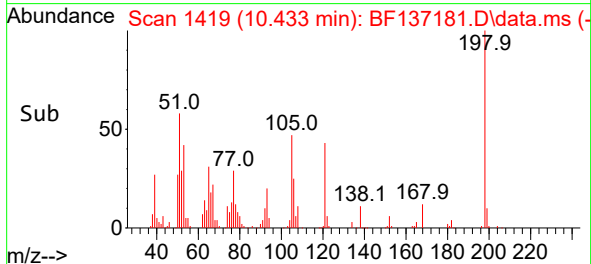
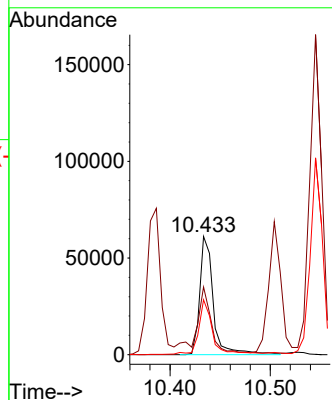
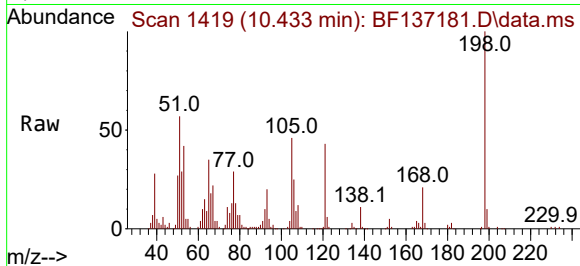




#65
4,6-Dinitro-2-methylphenol
Concen: 42.992 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

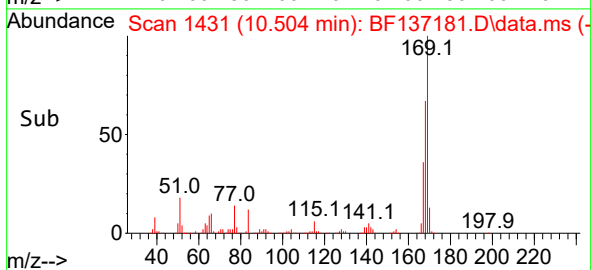
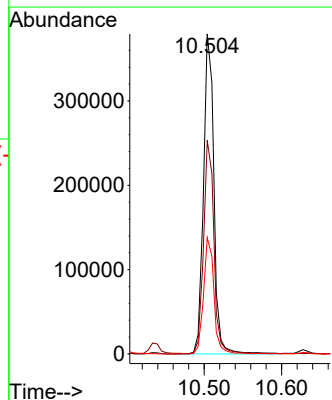
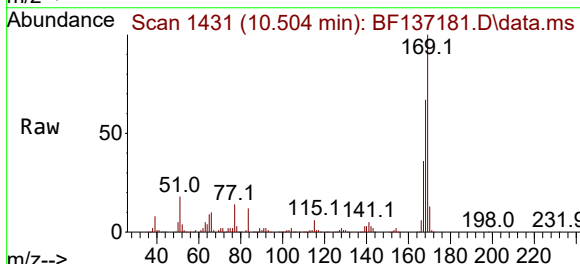
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

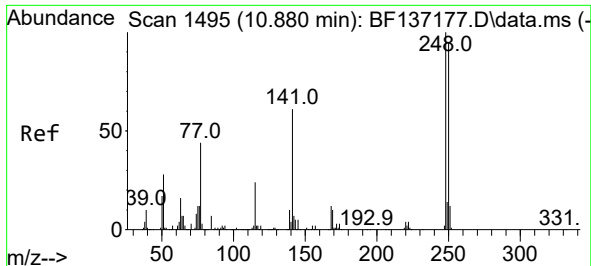
Tgt Ion:198 Resp: 57901
Ion Ratio Lower Upper
198 100
51 57.3 41.6 81.6
105 46.5 30.7 70.7



#66
n-Nitrosodiphenylamine
Concen: 41.458 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:169 Resp: 353812
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.4 29.7 44.5

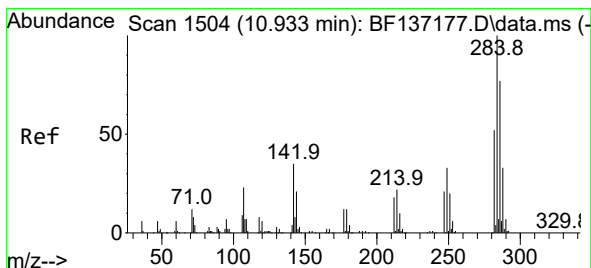
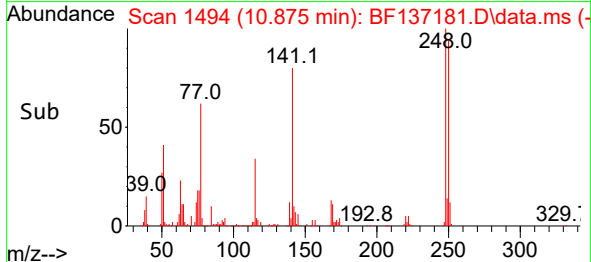
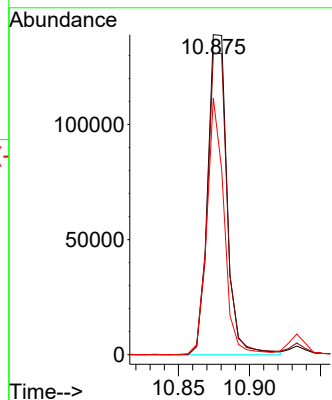
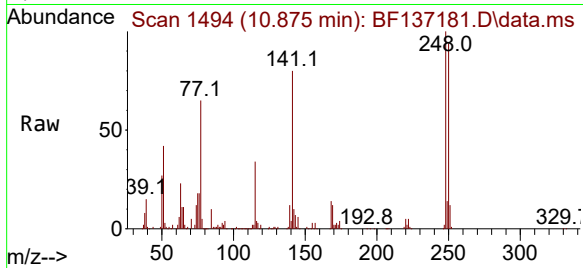




#67
4-Bromophenyl-phenylether
Concen: 41.932 ng
RT: 10.875 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

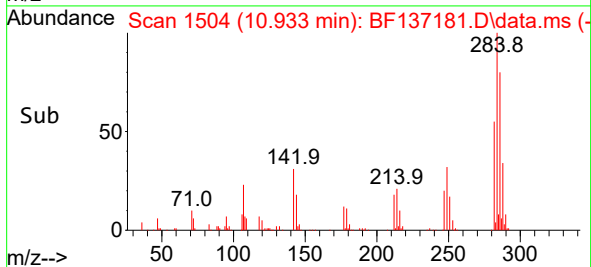
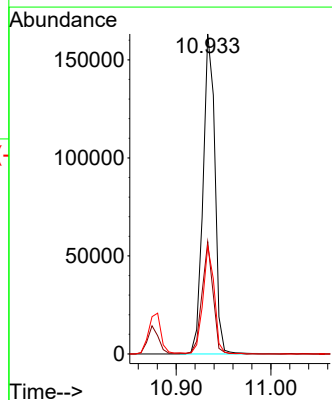
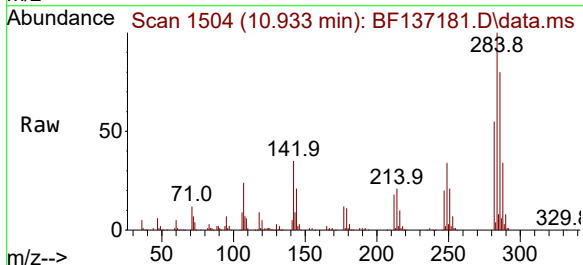
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

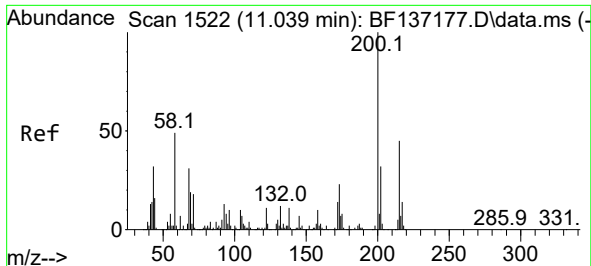
Tgt Ion:248 Resp: 132727
Ion Ratio Lower Upper
248 100
250 94.0 76.2 114.2
141 80.1 48.8 73.2#



#68
Hexachlorobenzene
Concen: 40.604 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:284 Resp: 142084
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 33.6 26.6 40.0

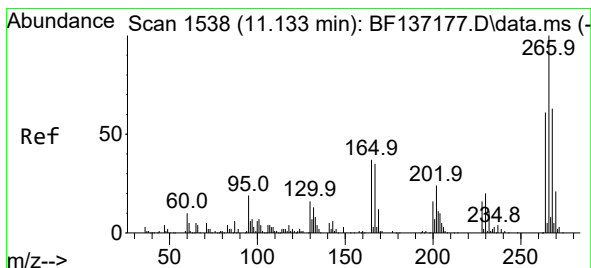
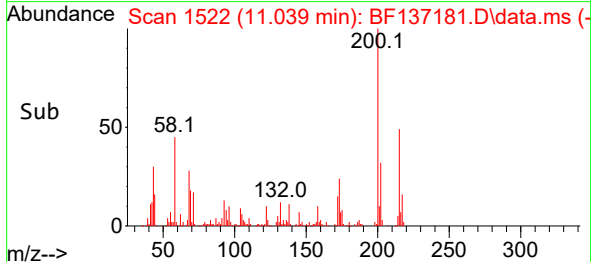
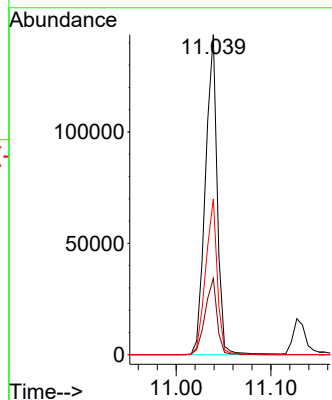
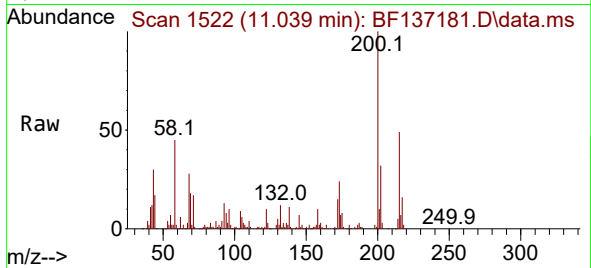




#69
 Atrazine
 Concen: 42.123 ng
 RT: 11.039 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

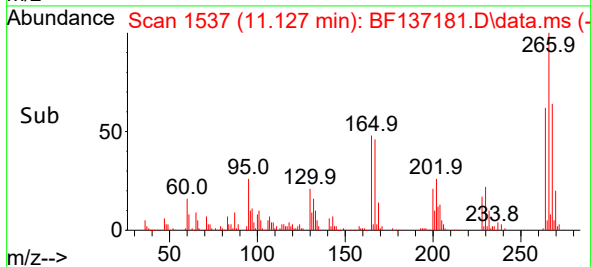
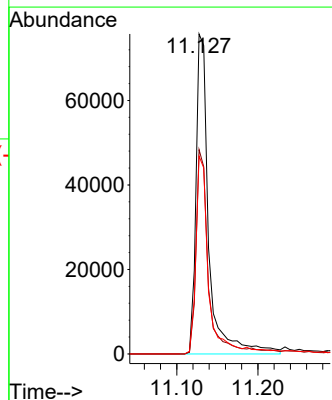
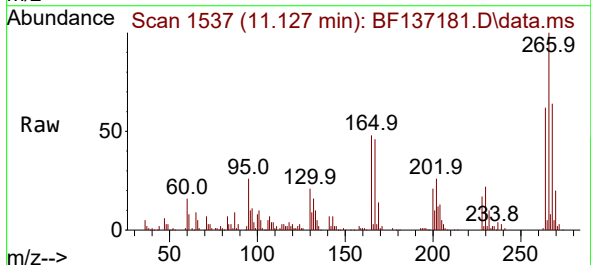
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012724

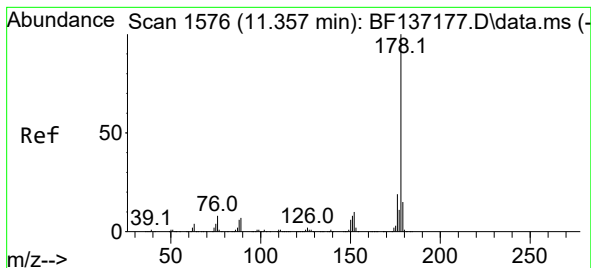
Tgt Ion:200 Resp: 124116
 Ion Ratio Lower Upper
 200 100
 173 23.9 3.4 43.4
 215 48.7 24.7 64.7



#70
 Pentachlorophenol
 Concen: 43.463 ng
 RT: 11.127 min Scan# 1537
 Delta R.T. -0.006 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

Tgt Ion:266 Resp: 84189
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.4 75.6
 264 61.8 49.1 73.7





#71

Phenanthrene

Concen: 40.768 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

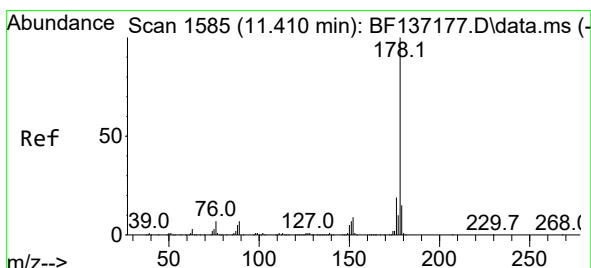
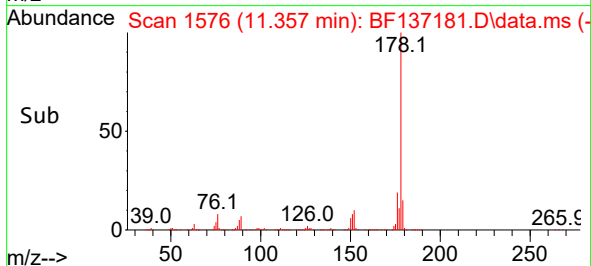
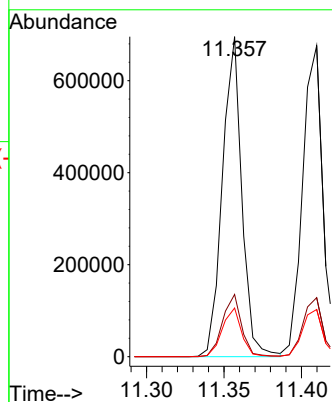
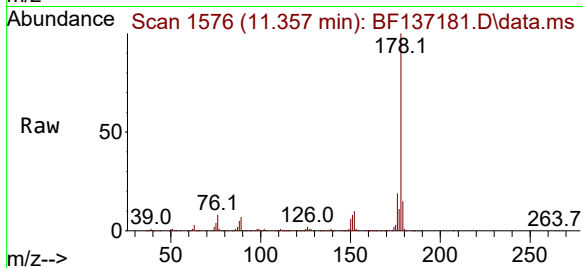
Tgt Ion:178 Resp: 606621

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.2 11.9 17.9



#72

Anthracene

Concen: 41.340 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

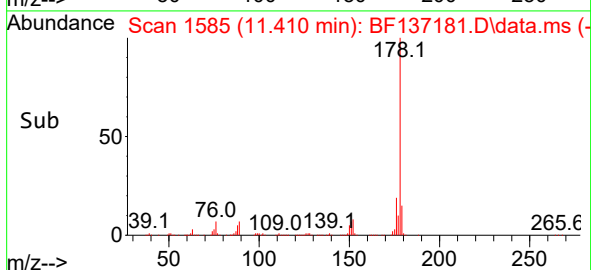
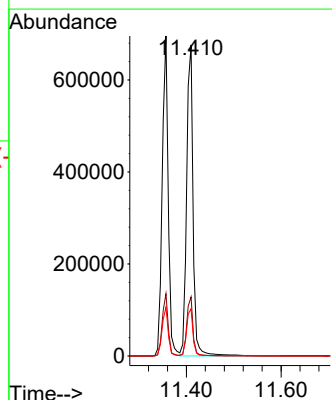
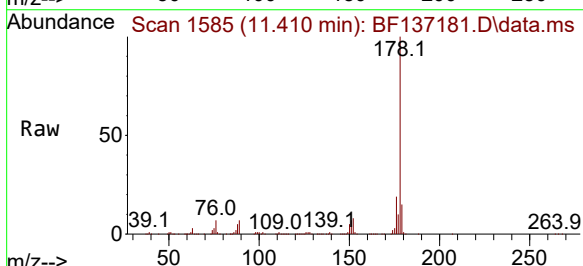
Tgt Ion:178 Resp: 634834

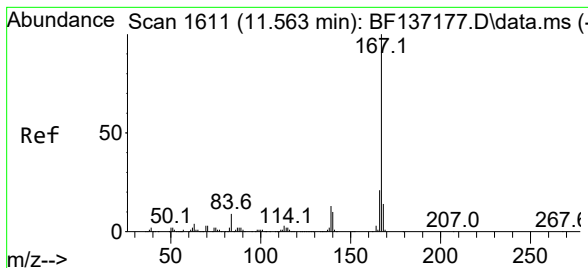
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.2 12.1 18.1





#73

Carbazole

Concen: 41.387 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

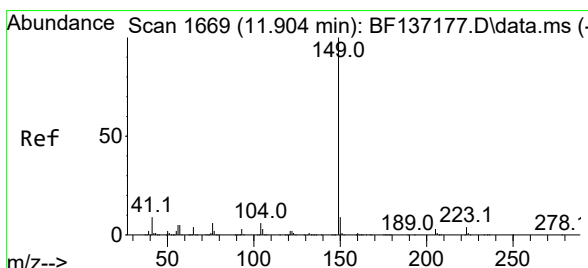
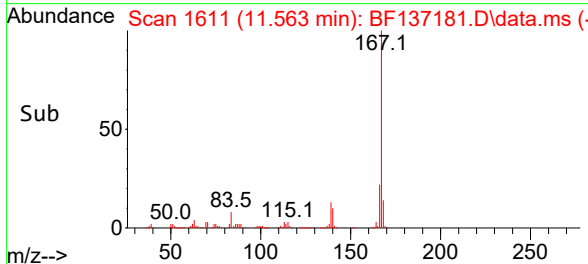
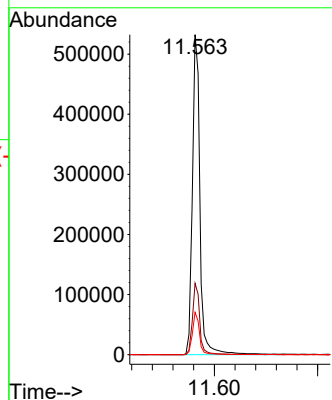
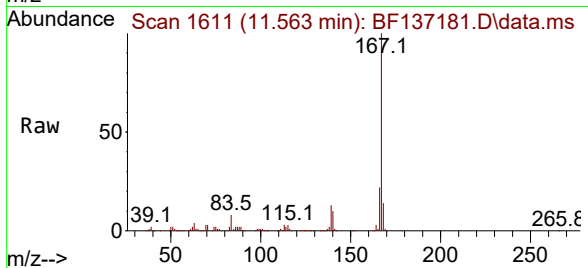
Tgt Ion:167 Resp: 538242

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

139 13.3 10.3 15.5



#74

Di-n-butylphthalate

Concen: 42.014 ng

RT: 11.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

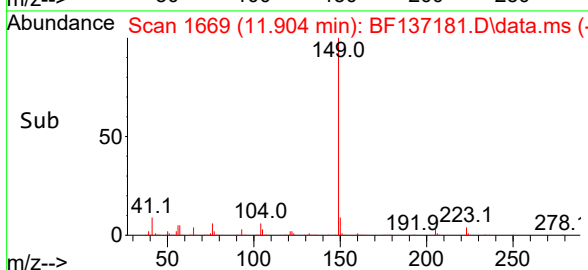
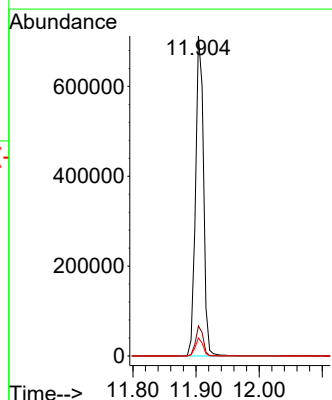
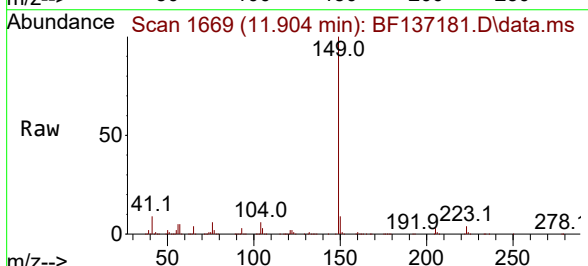
Tgt Ion:149 Resp: 624041

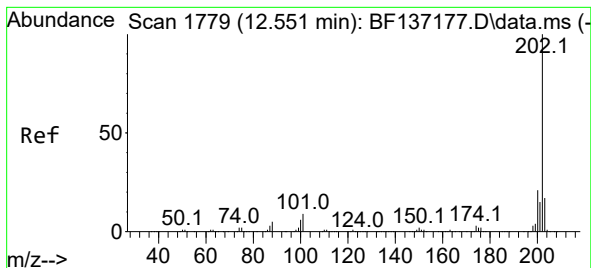
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 40.052 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

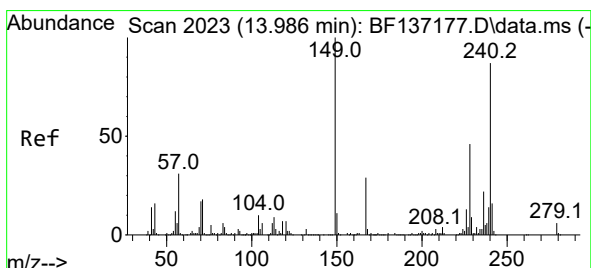
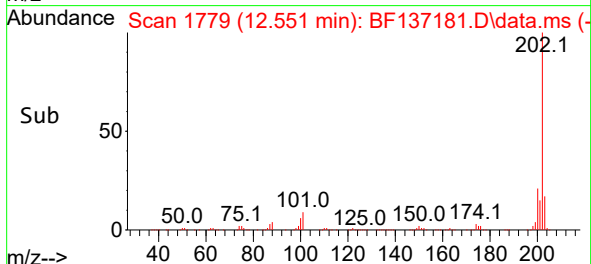
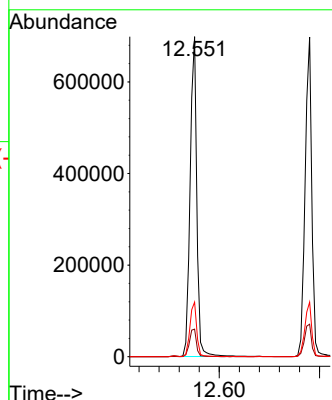
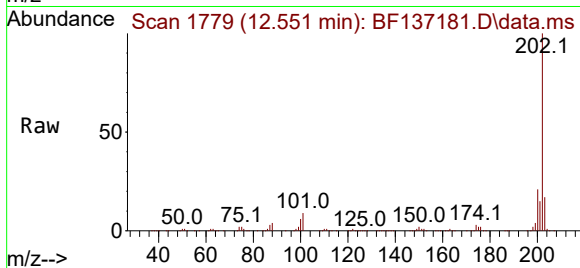
Tgt Ion:202 Resp: 639750

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.7

203 17.1 0.0 36.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

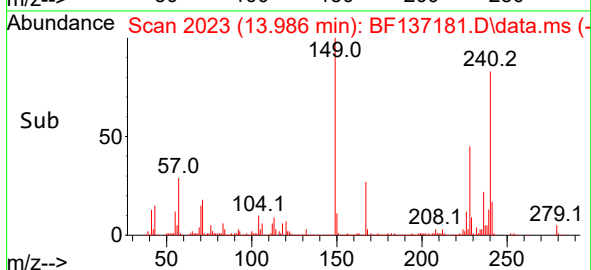
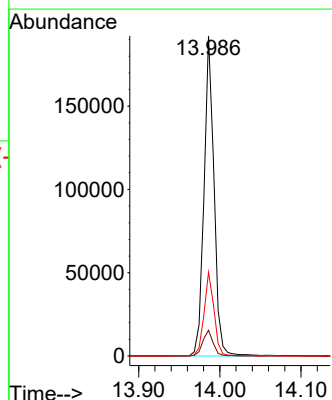
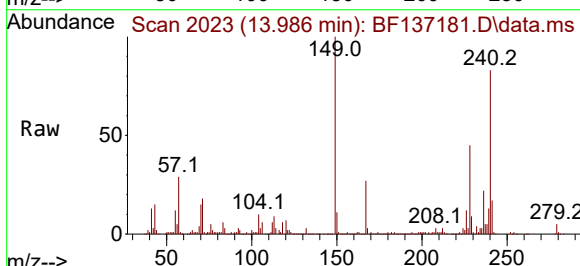
Tgt Ion:240 Resp: 164764

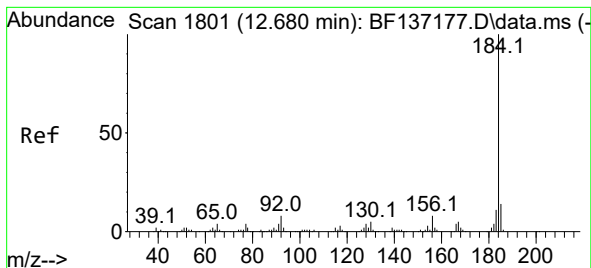
Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

236 26.2 20.4 30.6





#77

Benzidine

Concen: 42.823 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

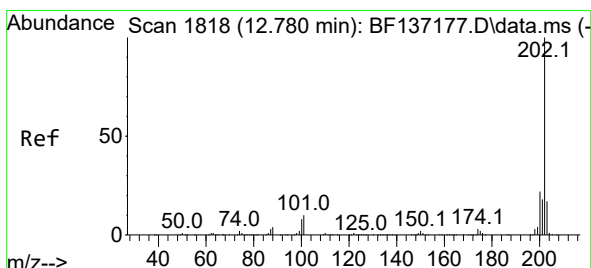
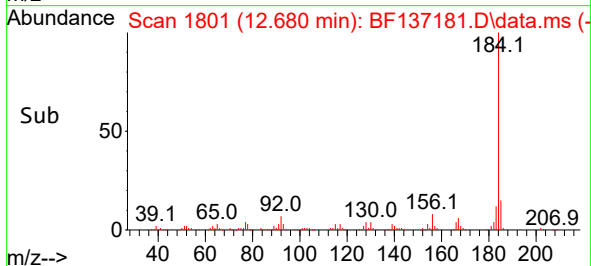
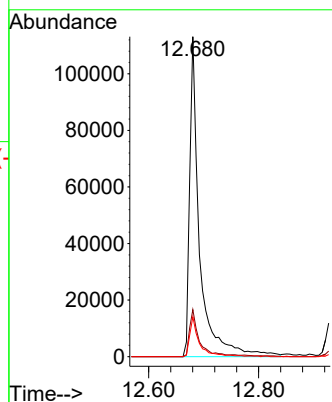
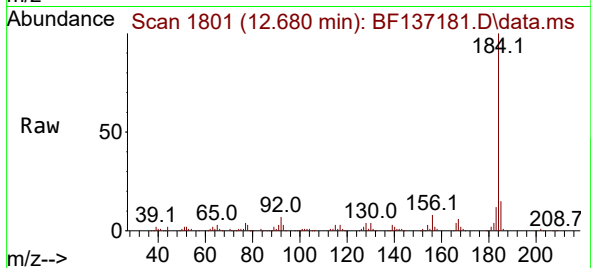
Tgt Ion:184 Resp: 142908

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 12.4 9.2 13.8



#78

Pyrene

Concen: 42.876 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

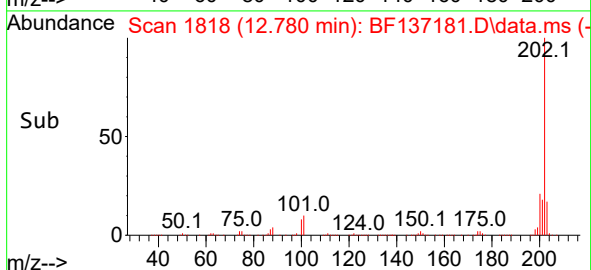
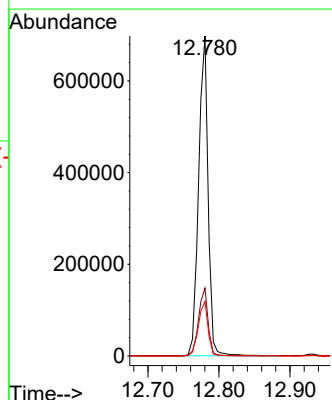
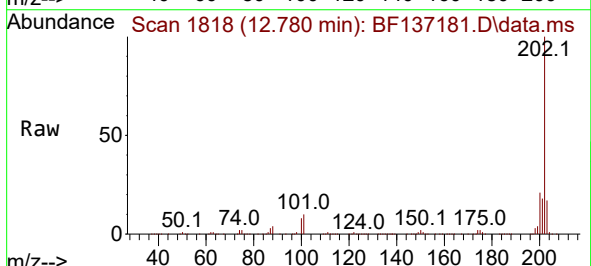
Tgt Ion:202 Resp: 650335

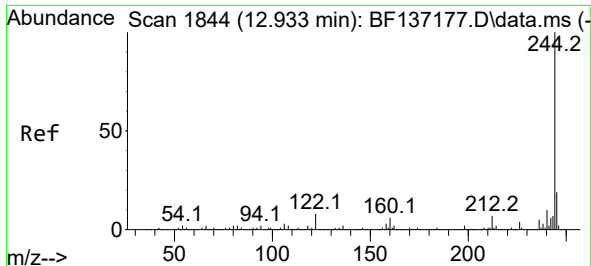
Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

203 17.1 13.5 20.3

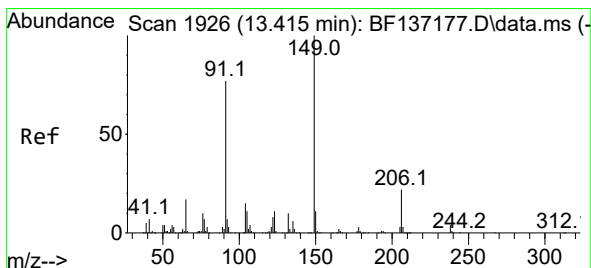
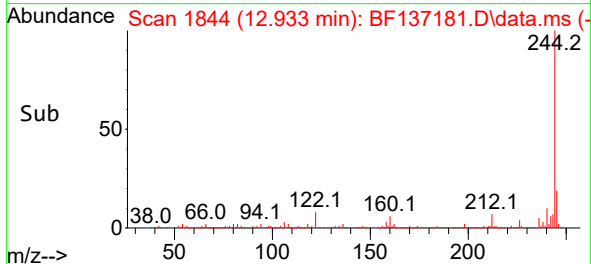
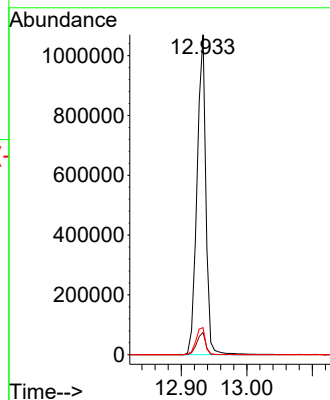
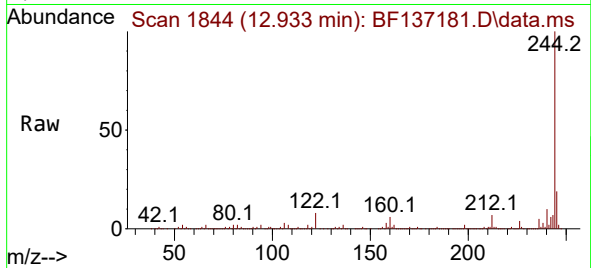




#79
 Terphenyl-d14
 Concen: 85.432 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

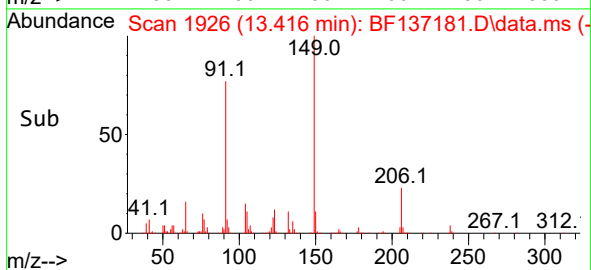
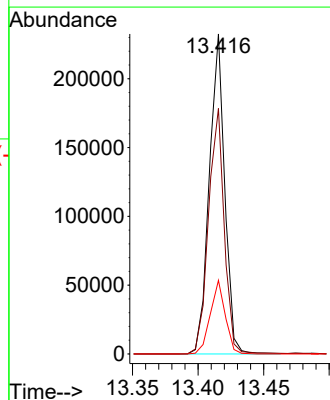
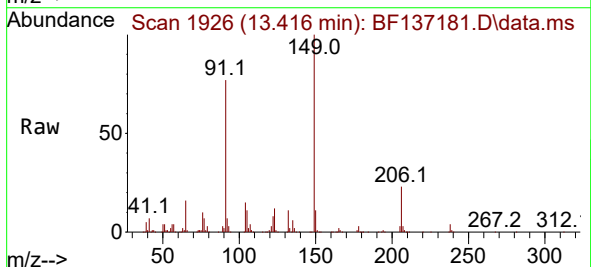
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012724

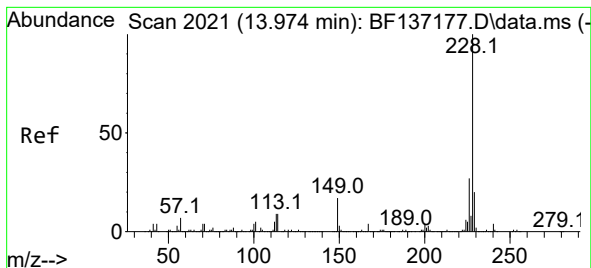
Tgt Ion:244 Resp: 1003567
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.5 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 41.628 ng
 RT: 13.416 min Scan# 1926
 Delta R.T. 0.001 min
 Lab File: BF137181.D
 Acq: 26 Jan 2024 22:45

Tgt Ion:149 Resp: 190734
 Ion Ratio Lower Upper
 149 100
 91 76.7 61.8 92.8
 206 23.0 17.7 26.5





#81

Benzo(a)anthracene

Concen: 40.772 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

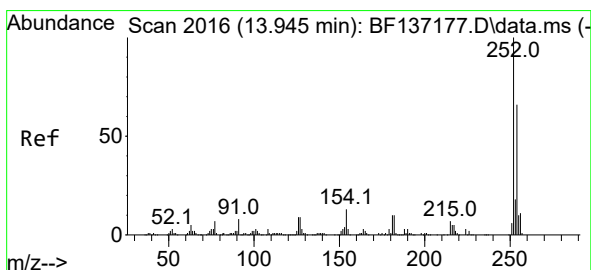
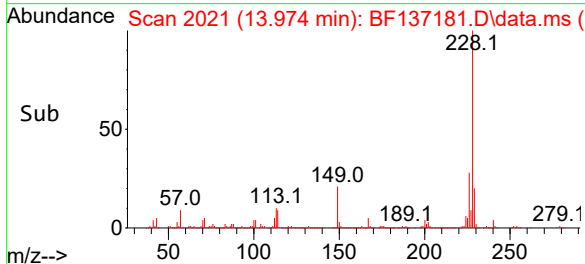
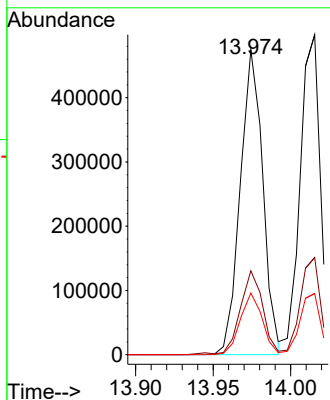
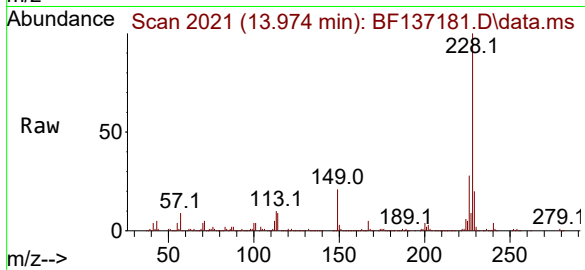
Tgt Ion:228 Resp: 480219

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.515 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

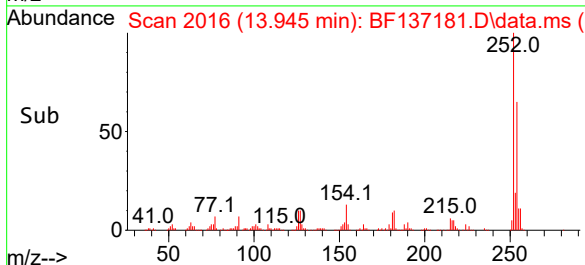
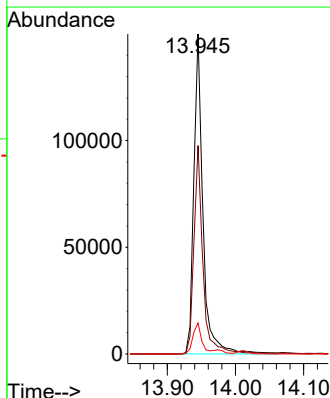
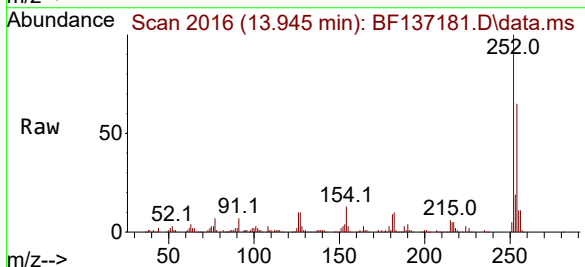
Tgt Ion:252 Resp: 139957

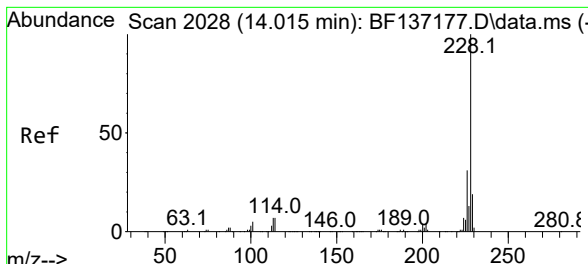
Ion Ratio Lower Upper

252 100

254 65.2 52.6 78.8

126 9.6 7.1 10.7





#83

Chrysene

Concen: 39.601 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

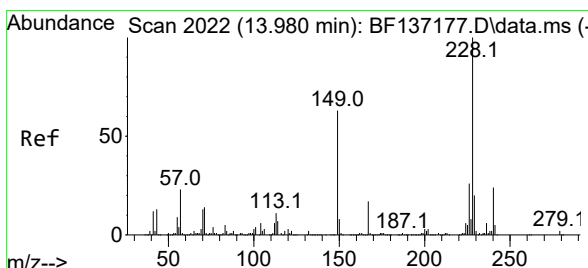
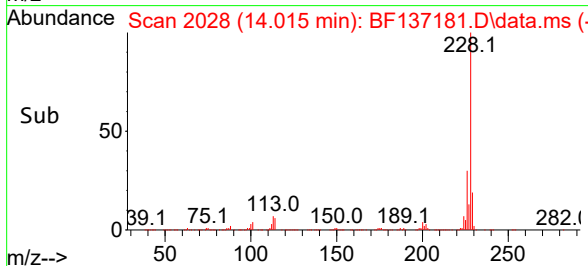
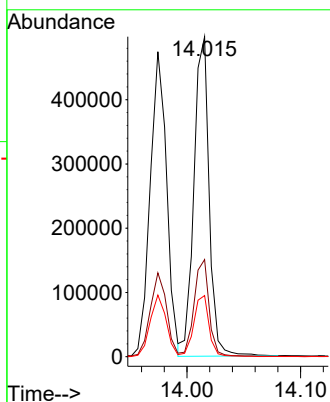
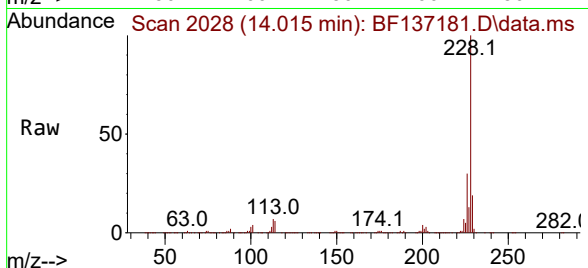
Tgt Ion:228 Resp: 464794

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 19.1 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.112 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

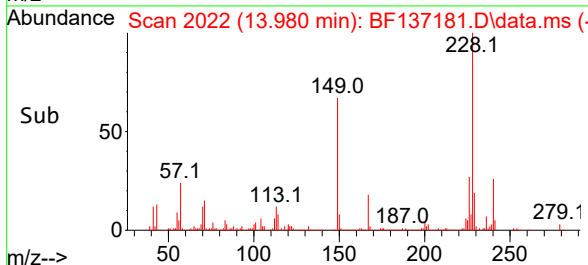
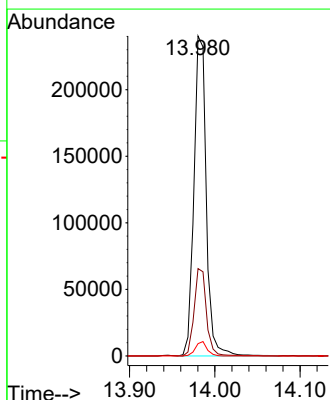
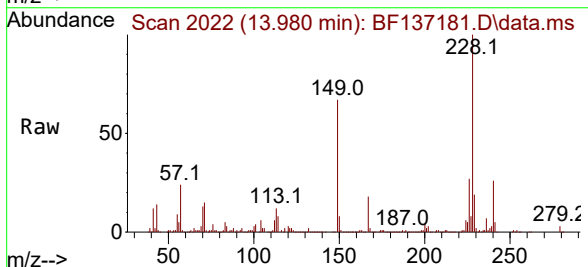
Tgt Ion:149 Resp: 242473

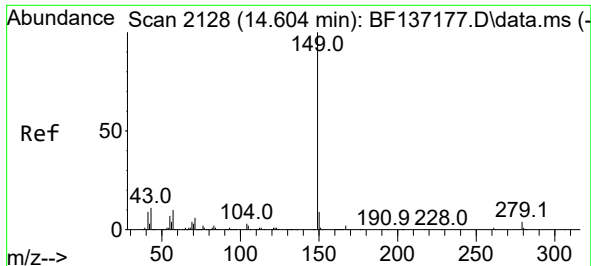
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 3.8 3.2 4.8

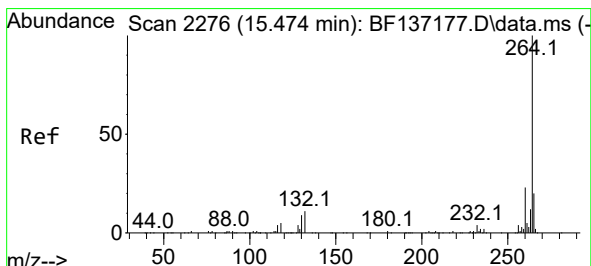
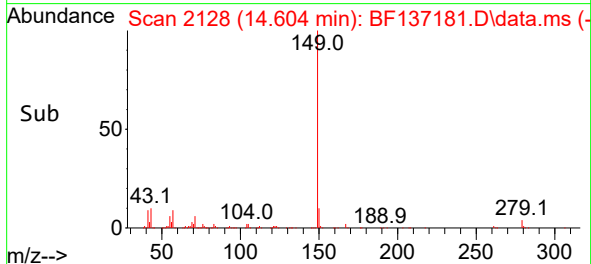
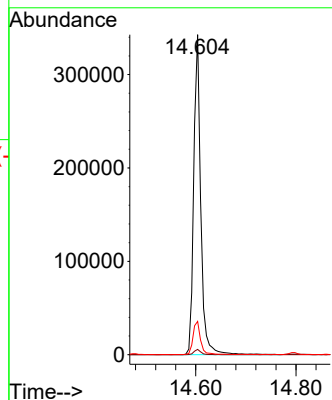
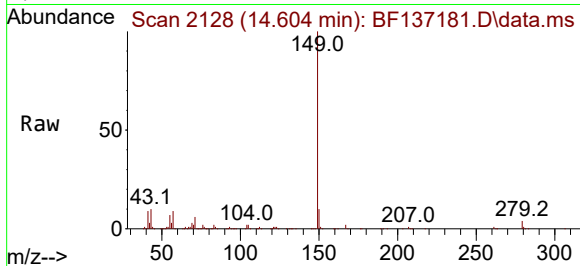




#85
Di-n-octyl phthalate
Concen: 41.444 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

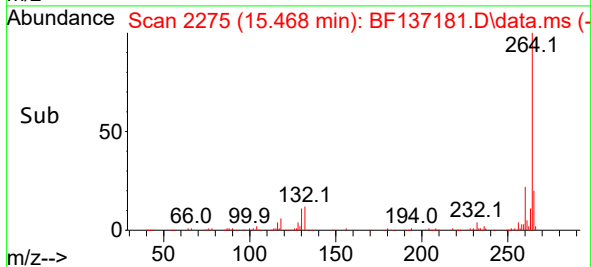
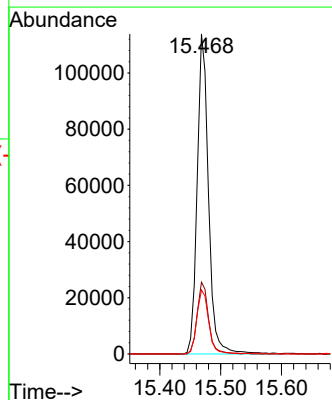
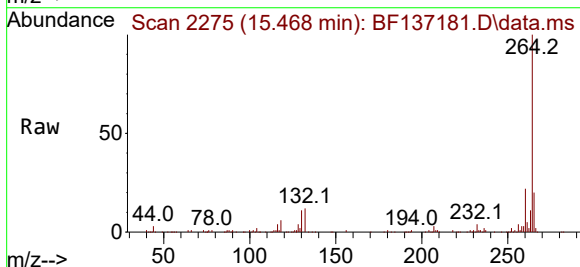
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

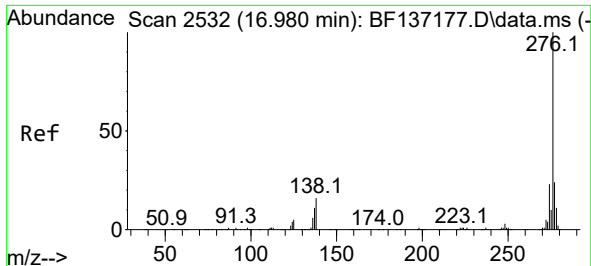
Tgt Ion:149 Resp: 333400
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.4 14.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:264 Resp: 147229
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 20.0 16.3 24.5

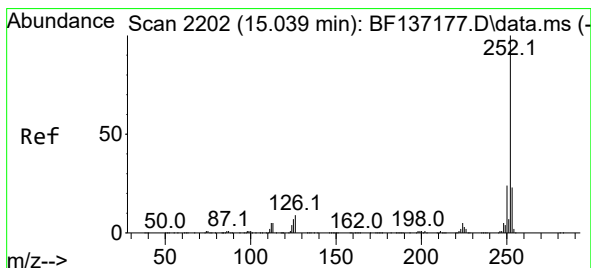
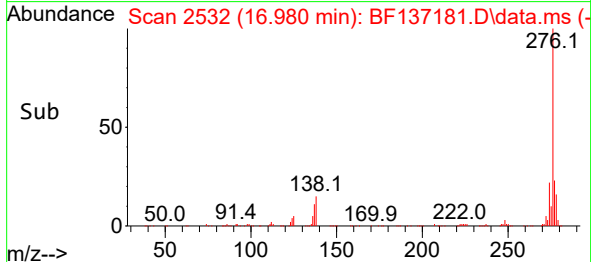
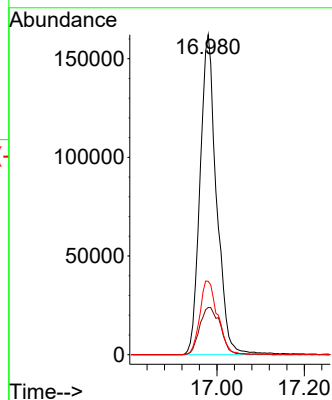
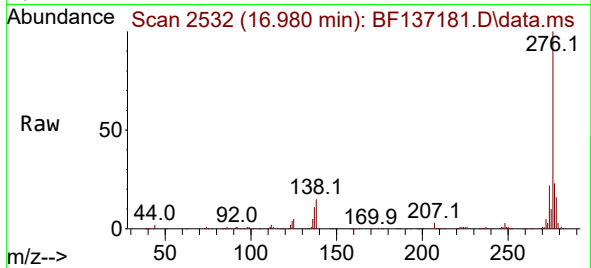




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.176 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

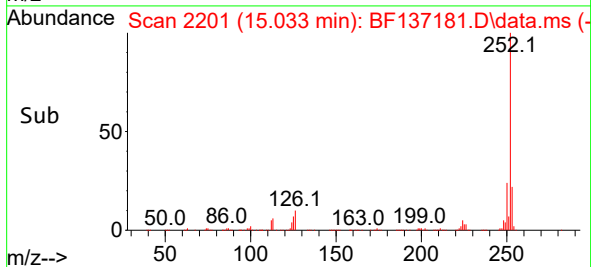
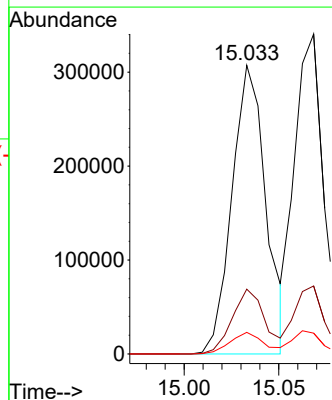
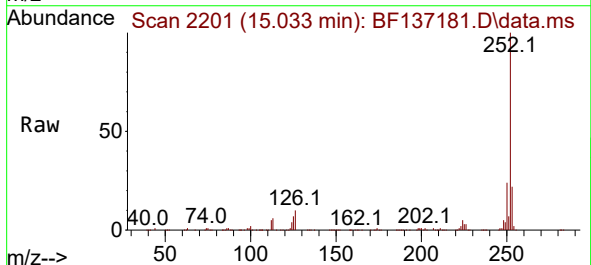
Instrument :
BNA_F
ClientSampleId :
ICVBF012724

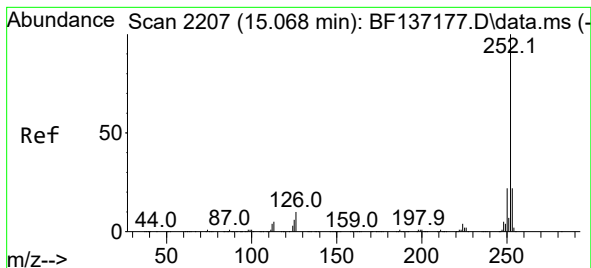
Tgt Ion:276 Resp: 426242
Ion Ratio Lower Upper
276 100
138 18.6 14.6 22.0
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.617 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:252 Resp: 383101
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 7.5 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 38.948 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

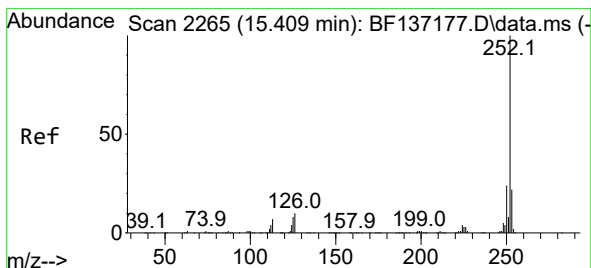
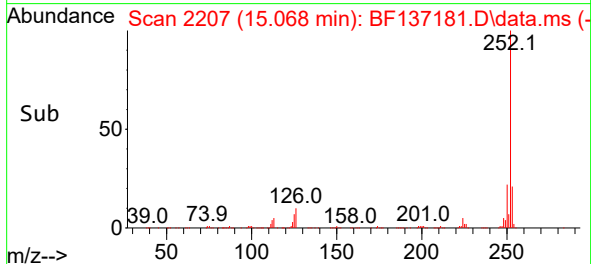
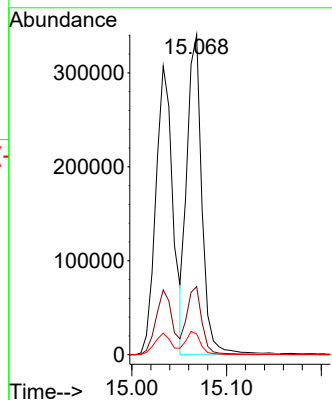
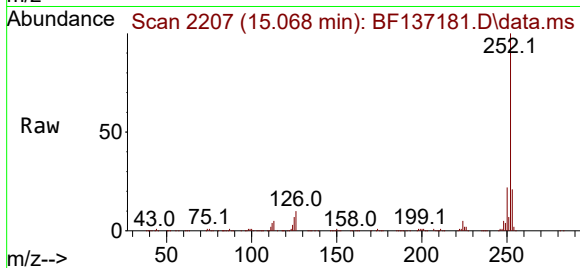
Tgt Ion:252 Resp: 370844

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 6.5 5.3 7.9



#90

Benzo(a)pyrene

Concen: 40.808 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF137181.D

Acq: 26 Jan 2024 22:45

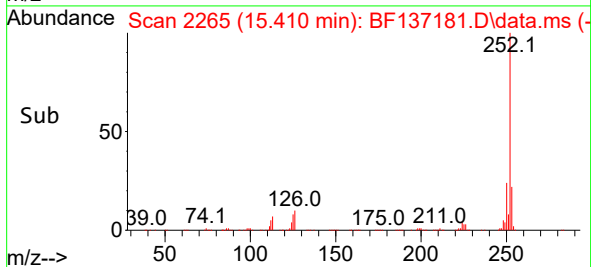
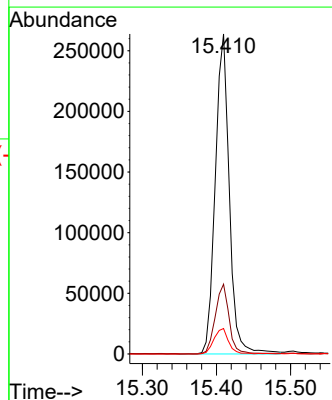
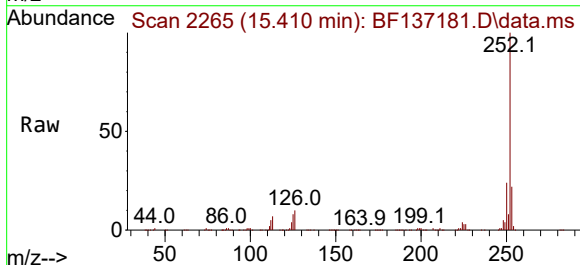
Tgt Ion:252 Resp: 347200

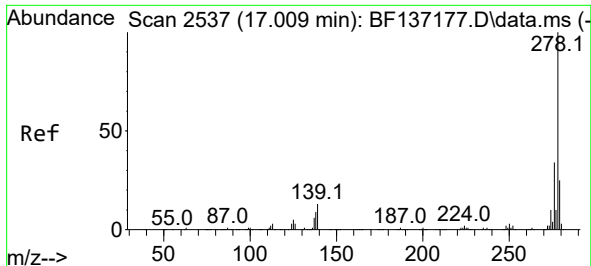
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.0 6.2 9.4

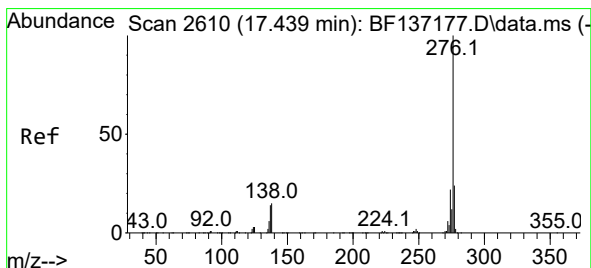
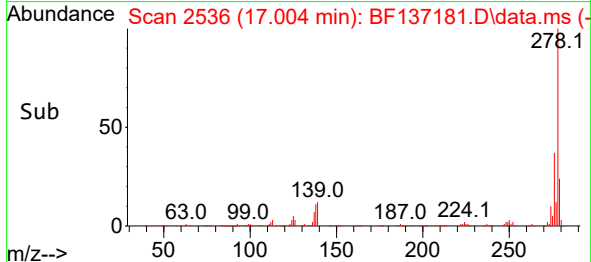
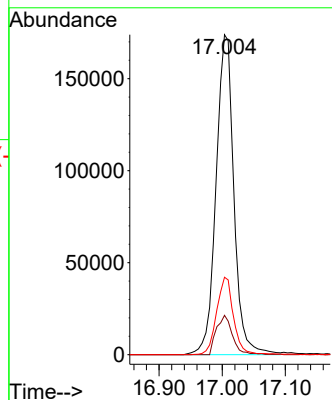
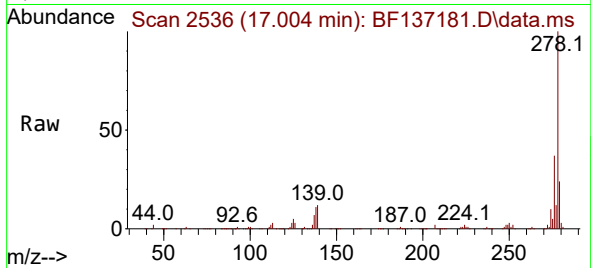




#91
Dibenzo(a,h)anthracene
Concen: 44.290 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012724

Tgt Ion:278 Resp: 341643
Ion Ratio Lower Upper
278 100
139 12.3 10.3 15.5
279 24.2 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 44.365 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF137181.D
Acq: 26 Jan 2024 22:45

Tgt Ion:276 Resp: 333742
Ion Ratio Lower Upper
276 100
277 22.7 19.0 28.6
138 16.4 12.3 18.5

