

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130684.D
 Acq On : 17 Oct 2022 13:44
 Operator : CG\JU
 Sample : PB148379BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148379BS

Quant Time: Oct 18 03:20:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	90164	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	352565	20.000	ng	0.00
39) Acenaphthene-d10	9.610	164	187208	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	333522	20.000	ng	0.00
76) Chrysene-d12	13.721	240	232724	20.000	ng	0.00
86) Perylene-d12	15.092	264	172070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	693689	138.681	ng	0.02
7) Phenol-d6	6.234	99	856643	136.214	ng	0.00
23) Nitrobenzene-d5	7.151	82	531440	82.287	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	290729	158.710	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	1091296	88.300	ng	0.00
79) Terphenyl-d14	12.674	244	1283154	91.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.216	88	75677	25.007	ng	98
3) Pyridine	2.875	79	185397	34.249	ng	97
4) n-Nitrosodimethylamine	2.840	42	115219	45.175	ng	94
6) Aniline	6.239	93	295081	39.191	ng	# 84
8) 2-Chlorophenol	6.363	128	277714	47.211	ng	97
9) Benzaldehyde	6.128	77	149848	37.925	ng	98
10) Phenol	6.245	94	321584	44.194	ng	98
11) bis(2-Chloroethyl)ether	6.322	93	240836	45.563	ng	99
12) 1,3-Dichlorobenzene	6.516	146	290564	45.114	ng	98
13) 1,4-Dichlorobenzene	6.592	146	301891	46.203	ng	97
14) 1,2-Dichlorobenzene	6.745	146	280349	46.070	ng	97
15) Benzyl Alcohol	6.739	79	202116	44.763	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.863	45	294479	43.304	ng	82
17) 2-Methylphenol	6.851	107	214757	45.896	ng	96
18) Hexachloroethane	7.081	117	112406	45.474	ng	98
19) n-Nitroso-di-n-propyla...	7.004	70	182298	44.929	ng	98
20) 3+4-Methylphenols	7.010	107	277637	44.279	ng	# 84
22) Acetophenone	6.998	105	387423	45.808	ng	97
24) Nitrobenzene	7.169	77	276040	42.501	ng	98
25) Isophorone	7.410	82	492629	45.831	ng	100
26) 2-Nitrophenol	7.486	139	147711	46.376	ng	98
27) 2,4-Dimethylphenol	7.533	122	226176	50.949	ng	99
28) bis(2-Chloroethoxy)met...	7.622	93	297934	47.869	ng	99
29) 2,4-Dichlorophenol	7.728	162	227163	45.737	ng	99
30) 1,2,4-Trichlorobenzene	7.804	180	240780	44.967	ng	99
31) Naphthalene	7.881	128	787800	43.166	ng	100
32) Benzoic acid	7.704	122	119847	42.674	ng	99
33) 4-Chloroaniline	7.939	127	247134	34.957	ng	99
34) Hexachlorobutadiene	7.998	225	152901	46.008	ng	96
35) Caprolactam	8.375	113	33812	22.626	ng	94
36) 4-Chloro-3-methylphenol	8.439	107	242350	44.984	ng	96
37) 2-Methylnaphthalene	8.569	142	523877	45.614	ng	99
38) 1-Methylnaphthalene	8.669	142	493879	44.297	ng	98
40) 1,2,4,5-Tetrachloroben...	8.739	216	246335	48.499	ng	99
41) Hexachlorocyclopentadiene	8.722	237	187155	94.365	ng	99
43) 2,4,6-Trichlorophenol	8.857	196	153754	45.084	ng	98

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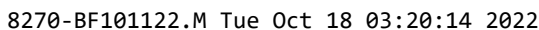
Instrument :
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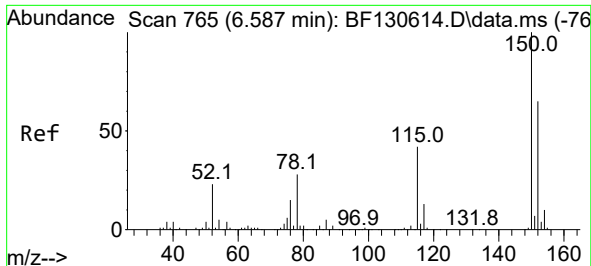
Quant Time: Oct 18 03:20:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	168451	44.915	ng	97
46) 1,1'-Biphenyl	9.039	154	642553	47.361	ng	100
47) 2-Chloronaphthalene	9.063	162	501424	45.220	ng	99
48) 2-Nitroaniline	9.169	65	147320	44.135	ng	91
49) Acenaphthylene	9.475	152	745925	44.897	ng	99
50) Dimethylphthalate	9.351	163	597752	46.126	ng	98
51) 2,6-Dinitrotoluene	9.416	165	133796	47.067	ng	89
52) Acenaphthene	9.645	154	454428	45.145	ng	98
53) 3-Nitroaniline	9.580	138	105931	33.996	ng	94
54) 2,4-Dinitrophenol	9.698	184	128618	88.245	ng	93
55) Dibenzofuran	9.816	168	700979	45.713	ng	100
56) 4-Nitrophenol	9.769	139	142835	83.136	ng	96
57) 2,4-Dinitrotoluene	9.822	165	177063	48.465	ng	# 77
58) Fluorene	10.157	166	579621	45.976	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.939	232	136286	45.580	ng	97
60) Diethylphthalate	10.045	149	584295	45.190	ng	99
61) 4-Chlorophenyl-phenyle...	10.151	204	269326	47.253	ng	99
62) 4-Nitroaniline	10.198	138	128296	43.124	ng	98
63) Azobenzene	10.310	77	522324	42.890	ng	99
65) 4,6-Dinitro-2-methylph...	10.227	198	95711	45.921	ng	93
66) n-Nitrosodiphenylamine	10.274	169	493915	44.520	ng	98
67) 4-Bromophenyl-phenylether	10.639	248	179501	47.566	ng	96
68) Hexachlorobenzene	10.698	284	201242	47.174	ng	99
69) Atrazine	10.810	200	167314	55.383	ng	99
70) Pentachlorophenol	10.904	266	152857	92.065	ng	98
71) Phenanthrene	11.116	178	819339	44.341	ng	99
72) Anthracene	11.169	178	829502	45.964	ng	99
73) Carbazole	11.327	167	752976	46.759	ng	99
74) Di-n-butylphthalate	11.657	149	923245	47.330	ng	100
75) Fluoranthene	12.298	202	852578	48.007	ng	99
77) Benzidine	12.427	184	331173	56.299	ng	98
78) Pyrene	12.521	202	855298	42.600	ng	100
80) Butylbenzylphthalate	13.151	149	366291	47.446	ng	100
81) Benzo(a)anthracene	13.710	228	706492	45.053	ng	99
82) 3,3'-Dichlorobenzidine	13.680	252	201944	44.565	ng	99
83) Chrysene	13.751	228	651967	43.851	ng	99
84) Bis(2-ethylhexyl)phtha...	13.710	149	487357	52.071	ng	100
85) Di-n-octyl phthalate	14.321	149	697526	48.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.386	276	562740	43.695	ng	98
88) Benzo(b)fluoranthene	14.715	252	553745	50.822	ng	99
89) Benzo(k)fluoranthene	14.745	252	565305	50.954	ng	98
90) Benzo(a)pyrene	15.039	252	465515	51.334	ng	100
91) Dibenzo(a,h)anthracene	16.398	278	497722	47.148	ng	99
92) Benzo(g,h,i)perylene	16.774	276	490048	49.840	ng	97

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

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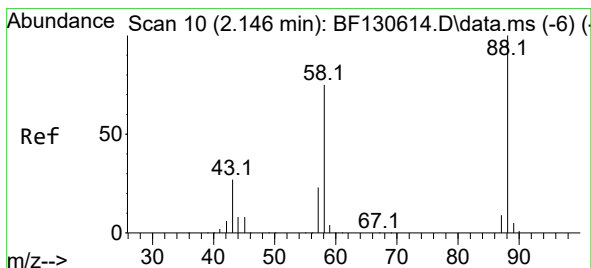
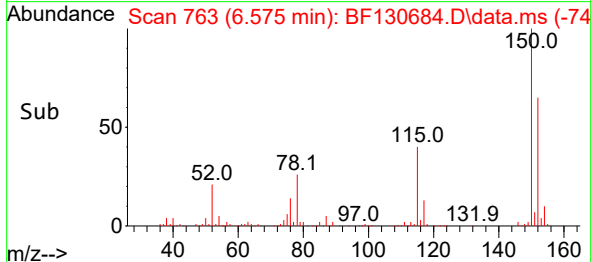
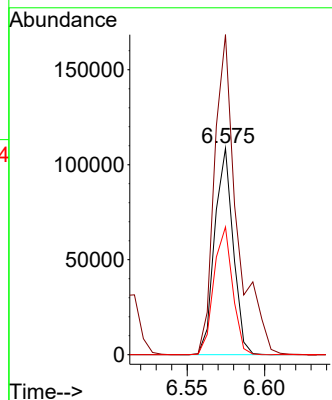
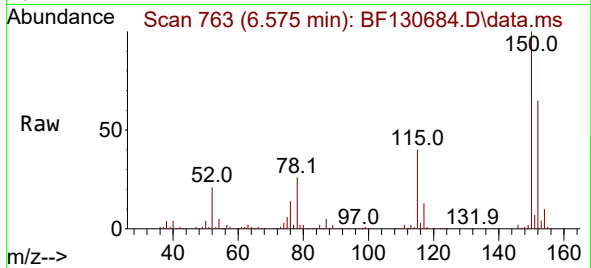




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

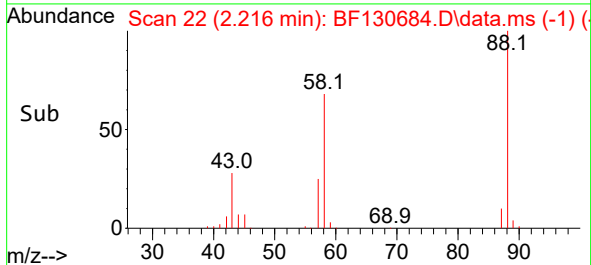
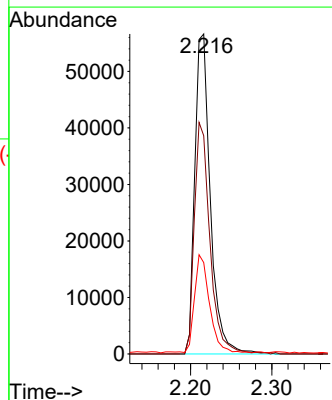
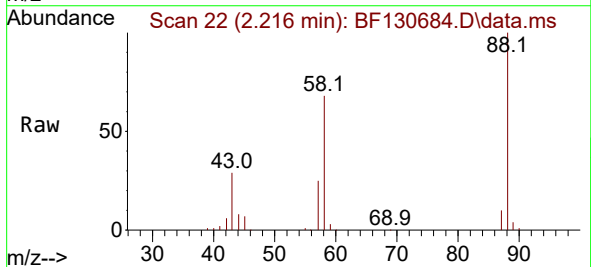
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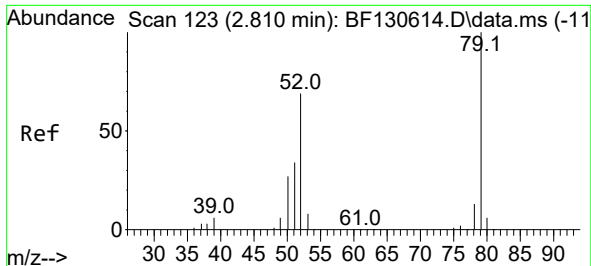
Tgt Ion:152 Resp: 90164
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 61.8 52.2 78.4



#2
1,4-Dioxane
Concen: 25.007 ng
RT: 2.216 min Scan# 22
Delta R.T. 0.082 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion: 88 Resp: 75677
Ion Ratio Lower Upper
88 100
58 72.7 58.8 88.2
43 29.7 22.2 33.4

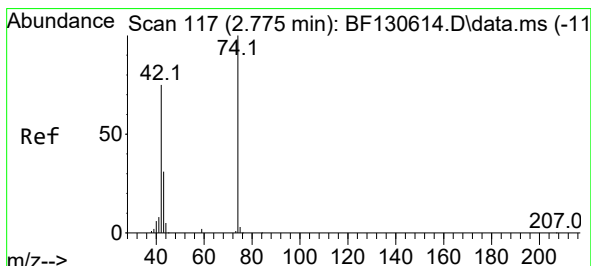
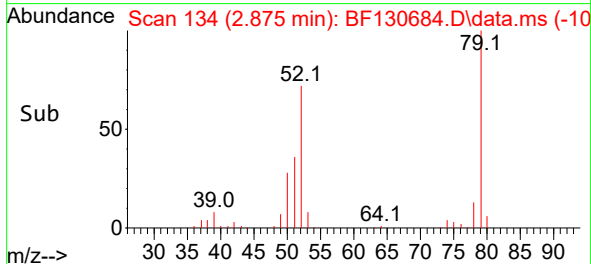
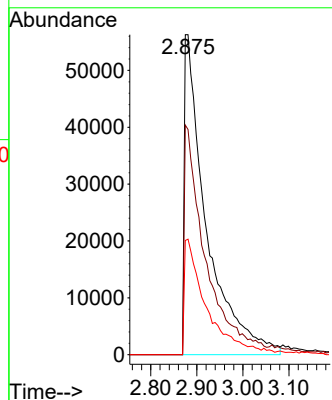
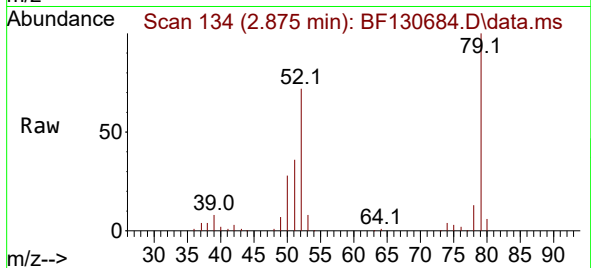




#3
Pyridine
Concen: 34.249 ng
RT: 2.875 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

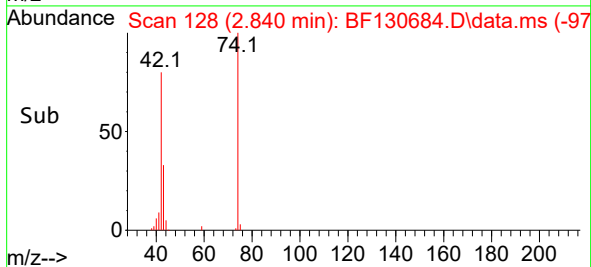
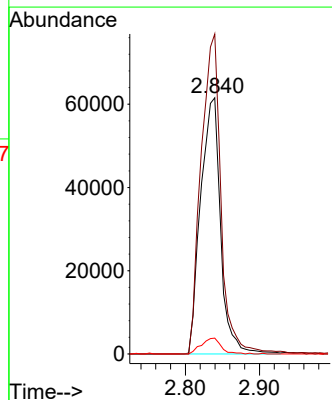
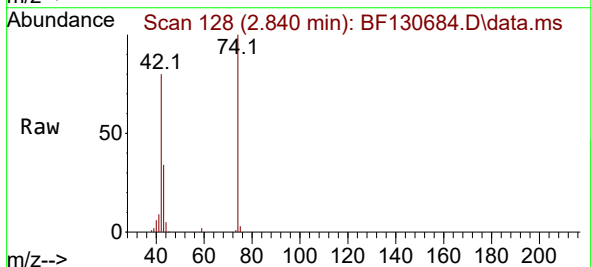
Instrument :
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ClientSampleId :
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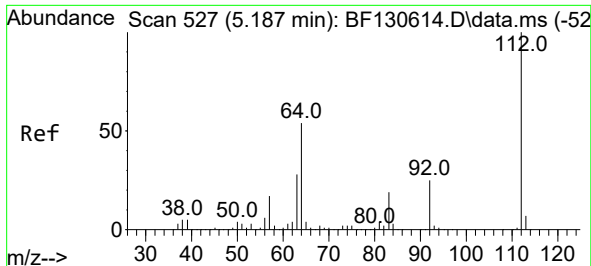
Tgt Ion: 79 Resp: 185397
Ion Ratio Lower Upper
79 100
52 71.8 54.8 82.2
51 35.7 27.4 41.2



#4
n-Nitrosodimethylamine
Concen: 45.175 ng
RT: 2.840 min Scan# 128
Delta R.T. 0.082 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion: 42 Resp: 115219
Ion Ratio Lower Upper
42 100
74 124.9 106.2 159.2
44 6.2 5.0 7.4

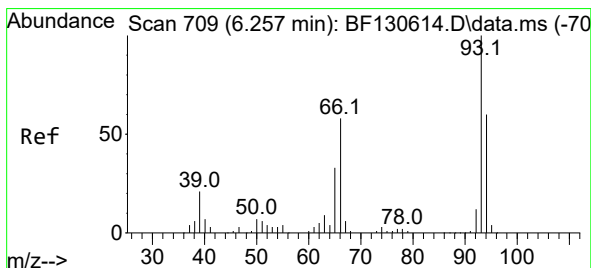
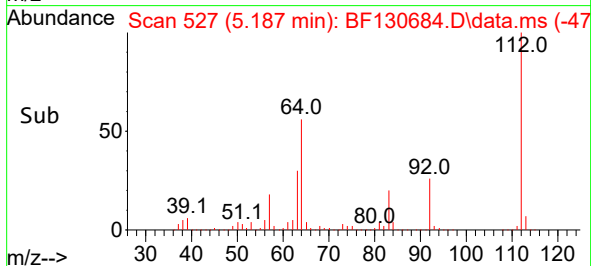
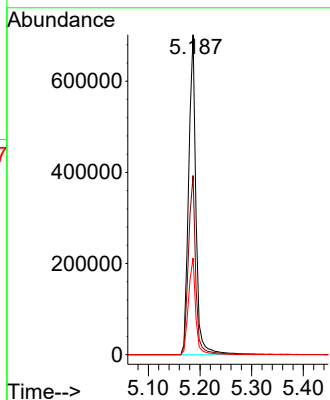
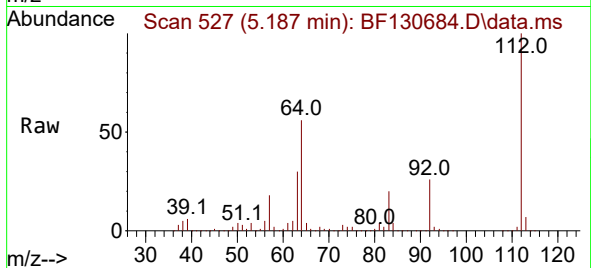




#5
2-Fluorophenol
Concen: 138.681 ng
RT: 5.187 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

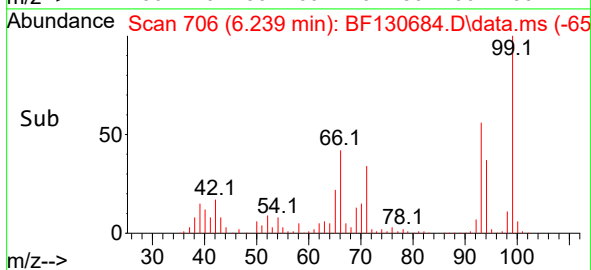
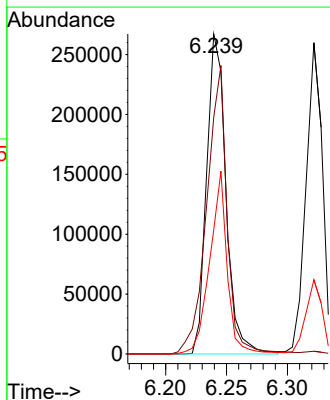
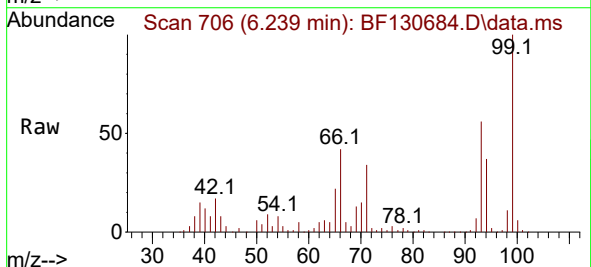
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ClientSampleId :
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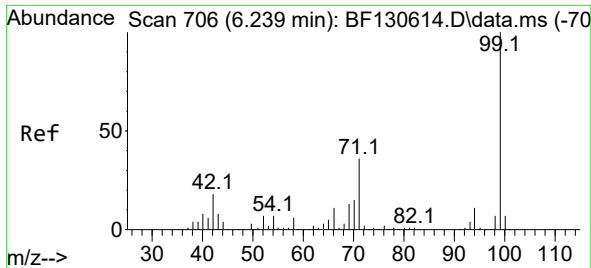
Tgt Ion:112 Resp: 693689
Ion Ratio Lower Upper
112 100
64 56.0 43.5 65.3
63 30.3 22.6 34.0



#6
Aniline
Concen: 39.191 ng
RT: 6.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion: 93 Resp: 295081
Ion Ratio Lower Upper
93 100
66 74.0 47.4 71.0#
65 38.8 26.6 40.0

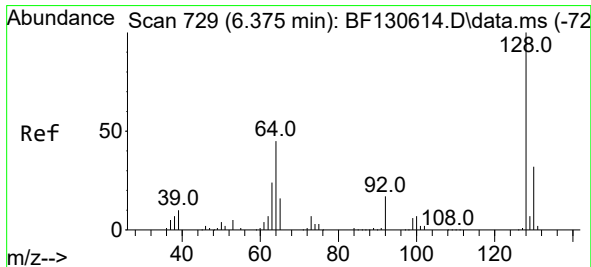
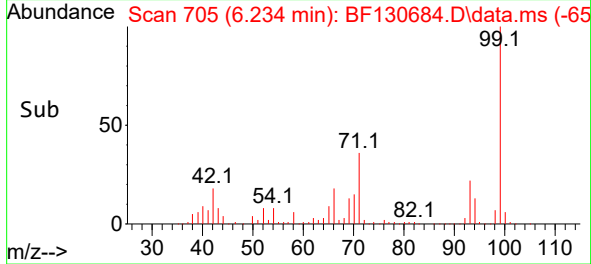
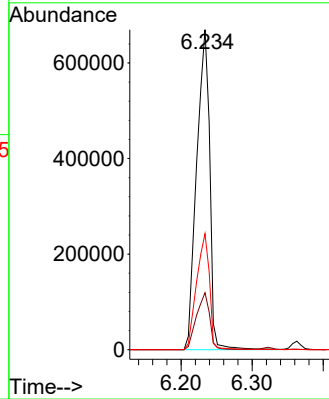
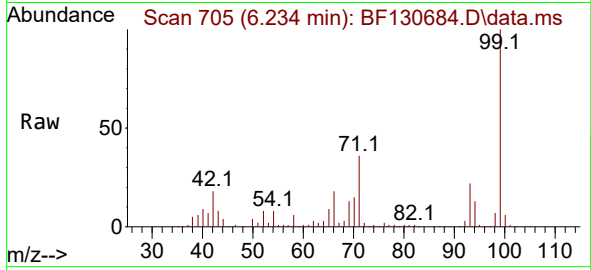




#7
Phenol-d6
Concen: 136.214 ng
RT: 6.234 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

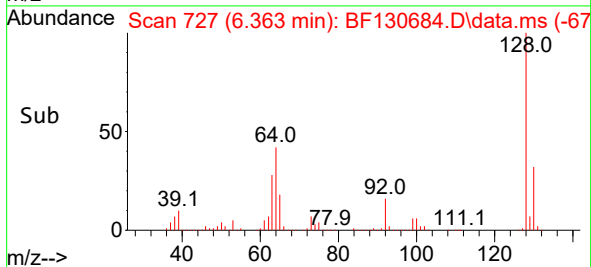
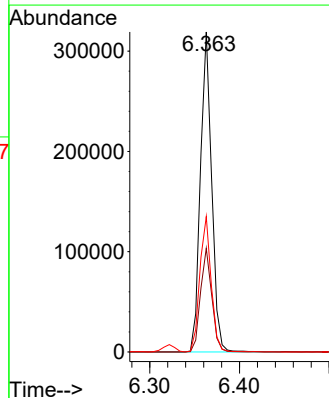
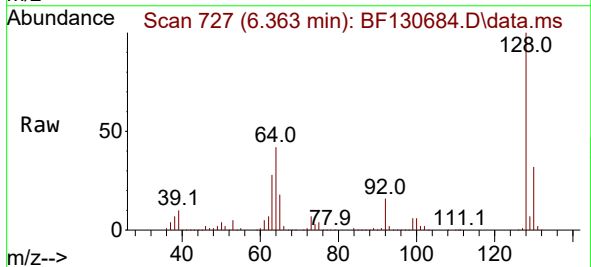
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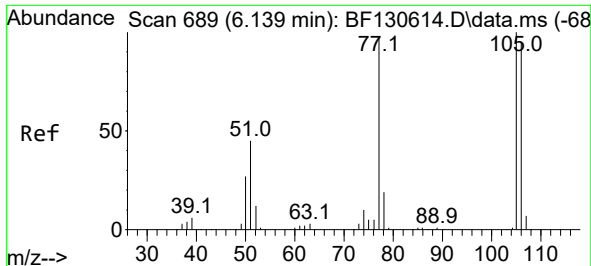
Tgt Ion: 99 Resp: 856643
Ion Ratio Lower Upper
99 100
42 17.8 14.0 21.0
71 36.2 28.8 43.2



#8
2-Chlorophenol
Concen: 47.211 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:128 Resp: 277714
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 42.3 25.9 65.9

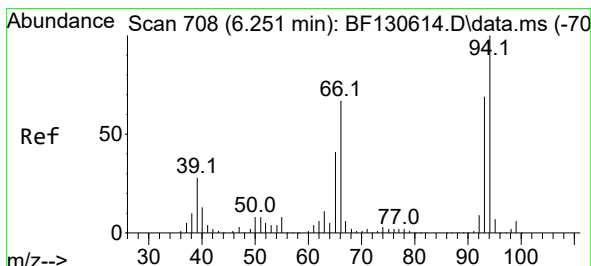
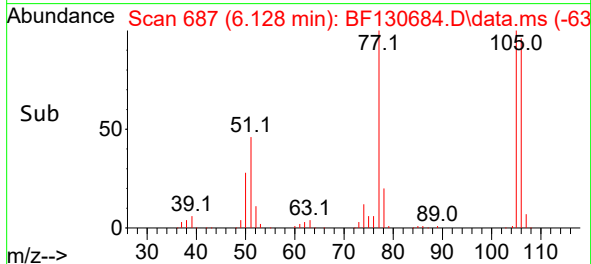
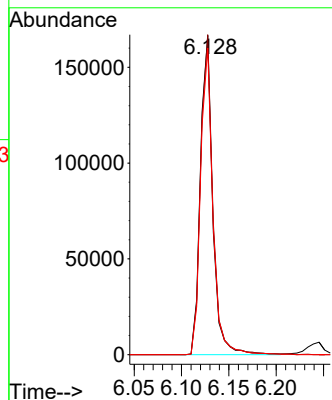
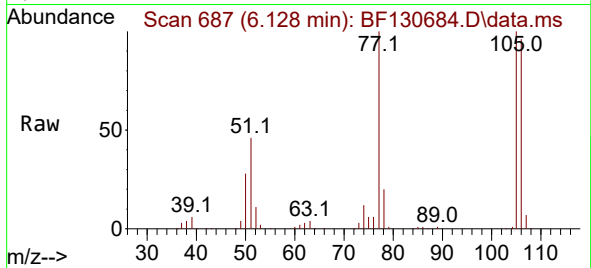




#9
Benzaldehyde
Concen: 37.925 ng
RT: 6.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

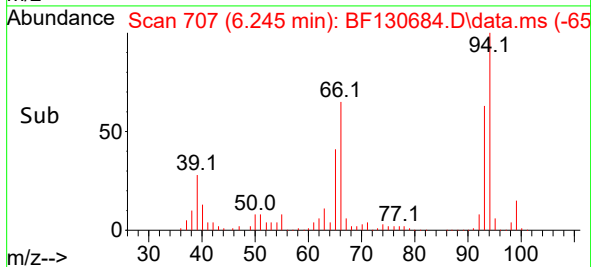
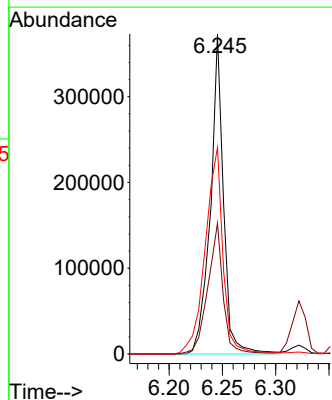
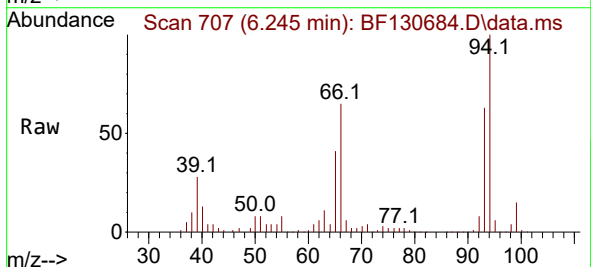
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ClientSampleId :
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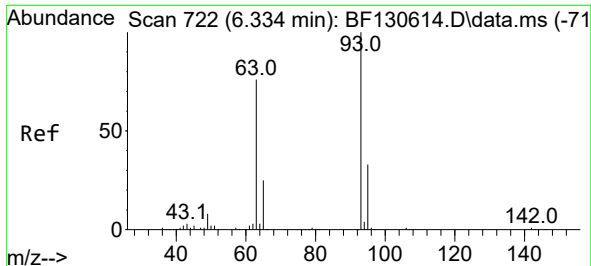
Tgt Ion: 77 Resp: 149848
Ion Ratio Lower Upper
77 100
105 100.2 83.0 123.0
106 96.1 77.8 117.8



#10
Phenol
Concen: 44.194 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion: 94 Resp: 321584
Ion Ratio Lower Upper
94 100
65 40.9 21.2 61.2
66 64.5 46.9 86.9

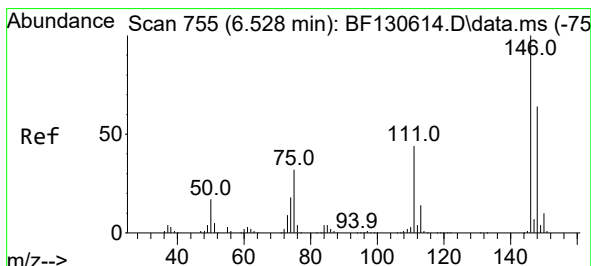
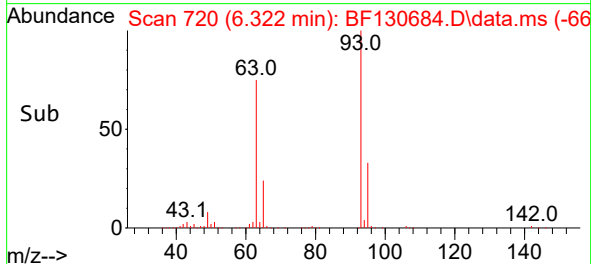
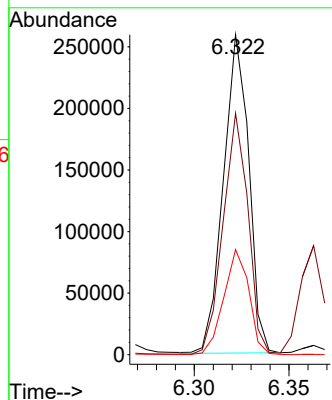
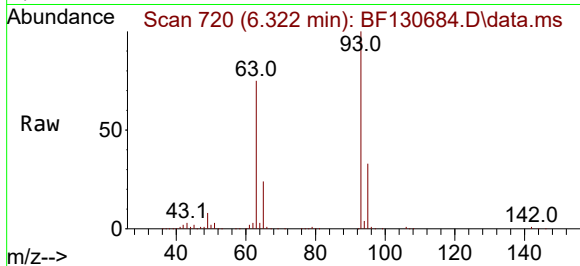




#11
bis(2-Chloroethyl)ether
Concen: 45.563 ng
RT: 6.322 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

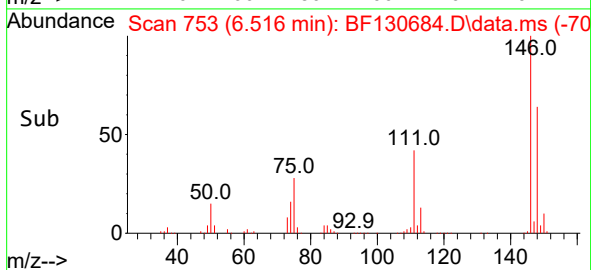
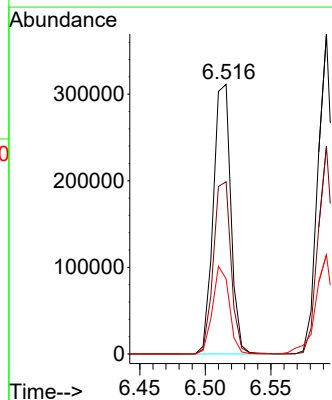
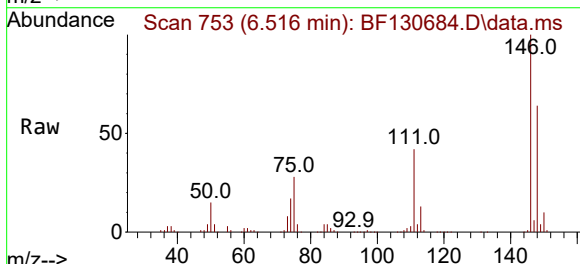
Instrument :
BNA_F
ClientSampleId :
PB148379BS

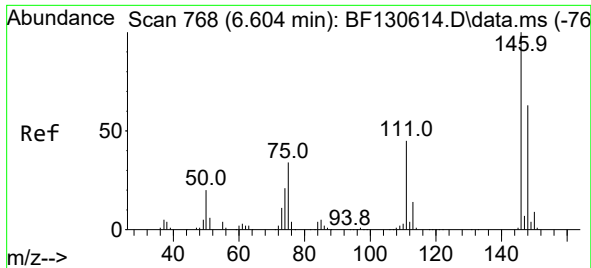
Tgt Ion: 93 Resp: 240836
Ion Ratio Lower Upper
93 100
63 75.5 56.1 96.1
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.114 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:146 Resp: 290564
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 27.8 25.2 37.8

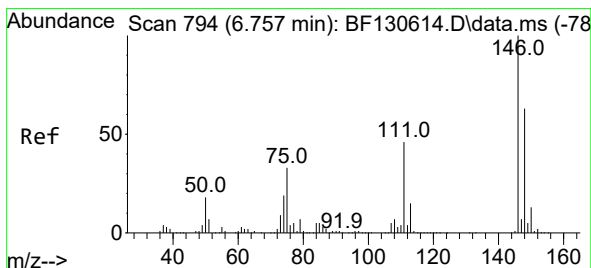
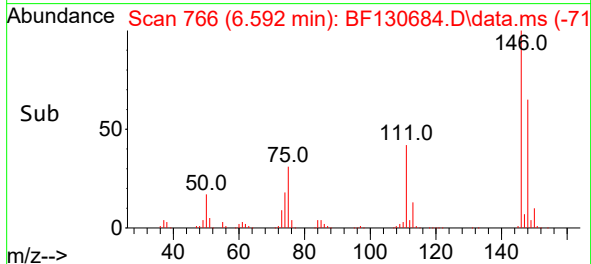
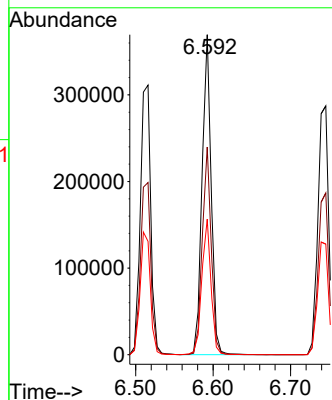
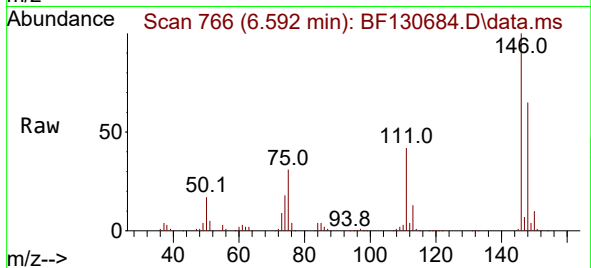




#13
1,4-Dichlorobenzene
Concen: 46.203 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

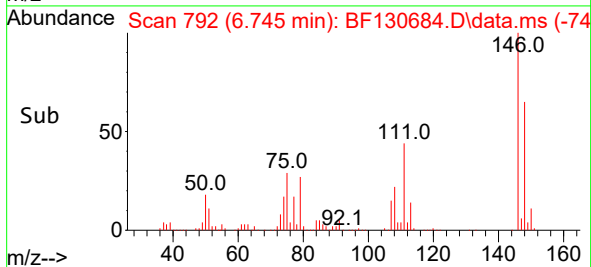
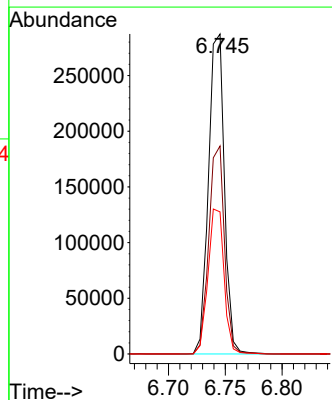
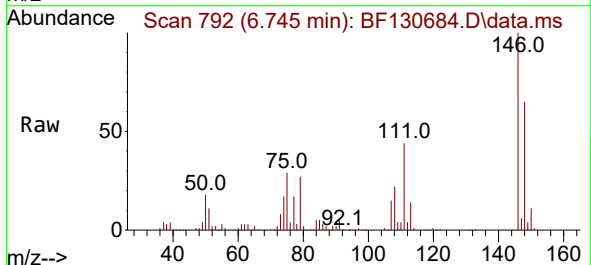
Instrument :
BNA_F
ClientSampleId :
PB148379BS

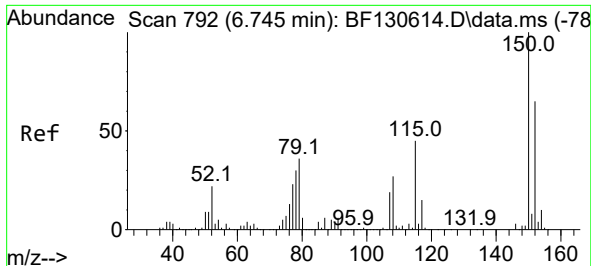
Tgt Ion:146 Resp: 301891
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 42.4 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 46.070 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:146 Resp: 280349
Ion Ratio Lower Upper
146 100
148 65.0 50.5 75.7
111 44.4 37.2 55.8

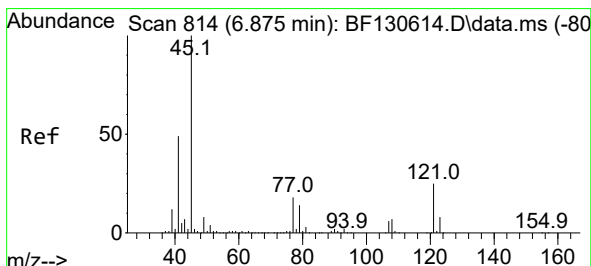
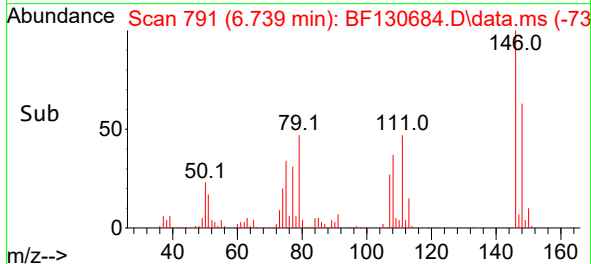
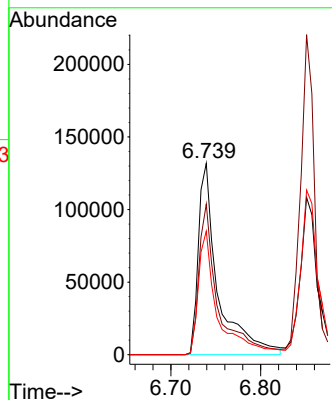
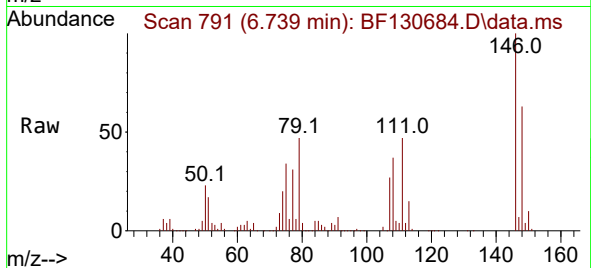




#15
Benzyl Alcohol
Concen: 44.763 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

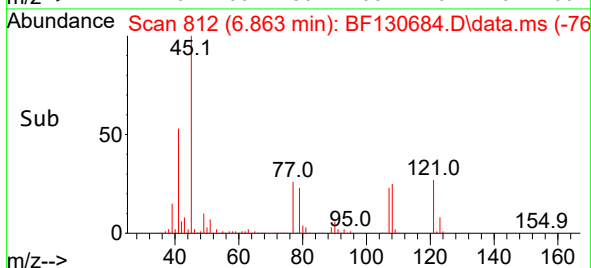
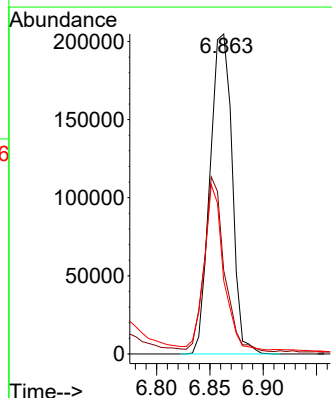
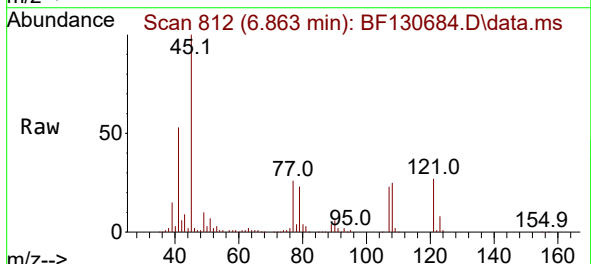
Instrument :
BNA_F
ClientSampleId :
PB148379BS

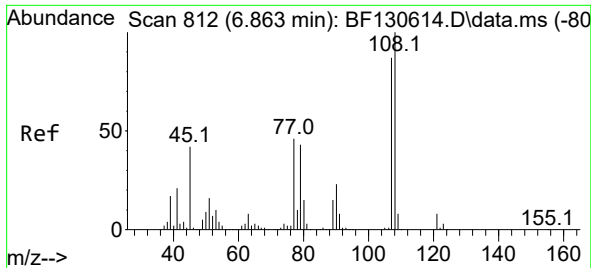
Tgt Ion: 79 Resp: 202116
Ion Ratio Lower Upper
79 100
108 78.7 59.7 89.5
77 64.5 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.304 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion: 45 Resp: 294479
Ion Ratio Lower Upper
45 100
77 26.1 0.0 38.7
79 22.9 0.0 34.6

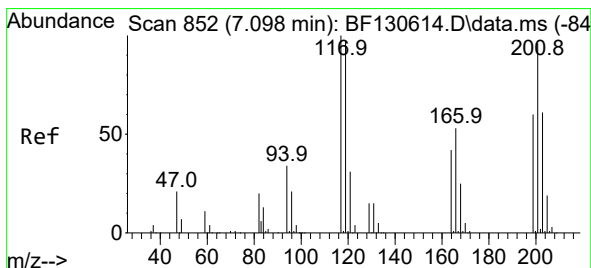
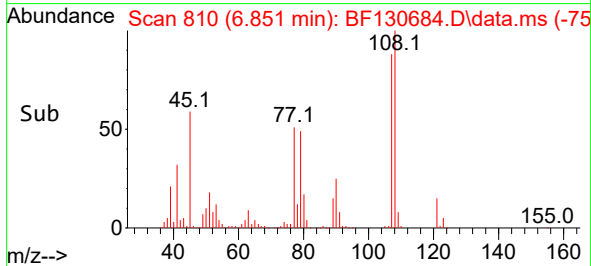
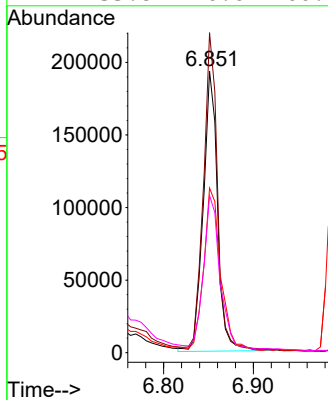
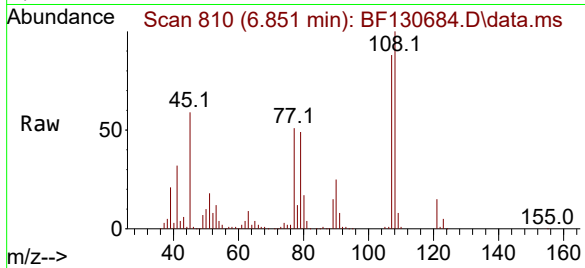




#17
2-Methylphenol
Concen: 45.896 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

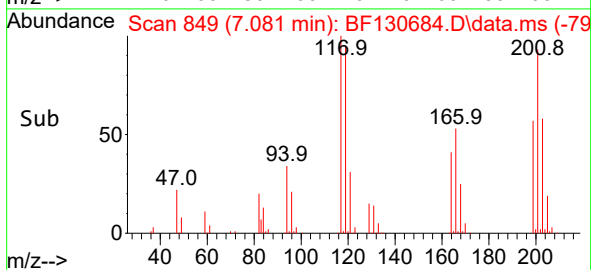
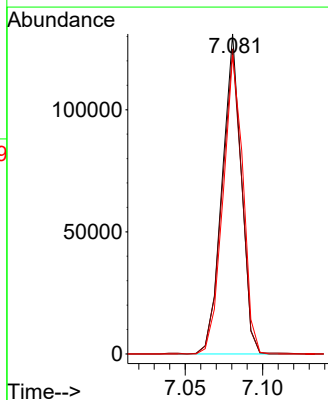
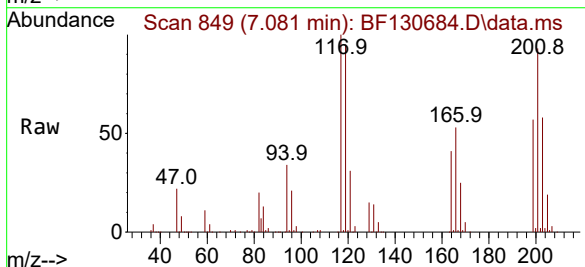
Instrument :
BNA_F
ClientSampleId :
PB148379BS

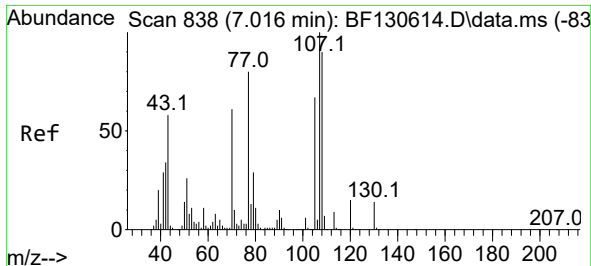
Tgt Ion:107 Resp: 214757
Ion Ratio Lower Upper
107 100
108 113.6 92.2 138.2
77 58.4 42.7 64.1
79 55.8 40.6 60.8



#18
Hexachloroethane
Concen: 45.474 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:117 Resp: 112406
Ion Ratio Lower Upper
117 100
119 95.3 77.6 116.4
201 93.4 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.929 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130684.D

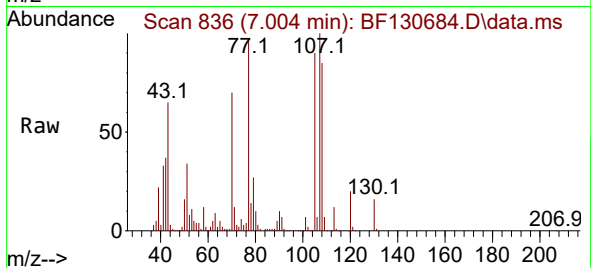
Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS



Tgt Ion: 70 Resp: 182298

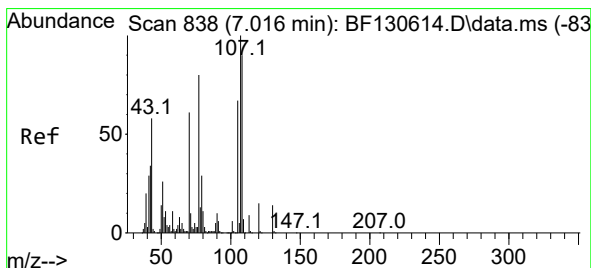
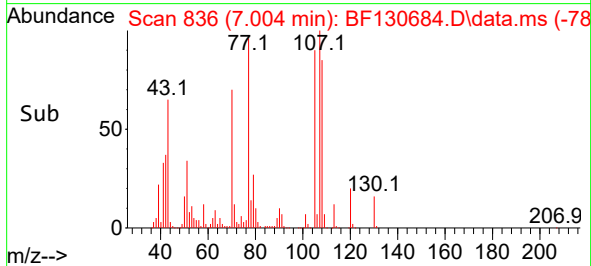
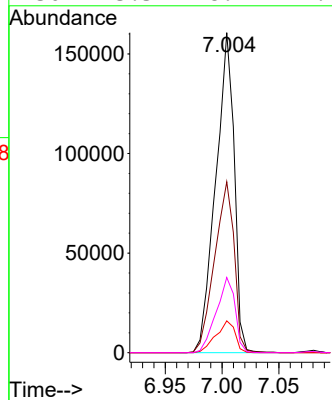
Ion Ratio Lower Upper

70 100

42 53.4 44.3 66.5

101 9.9 7.9 11.9

130 23.5 18.1 27.1



#20

3+4-Methylphenols

Concen: 44.279 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Tgt Ion:107 Resp: 277637

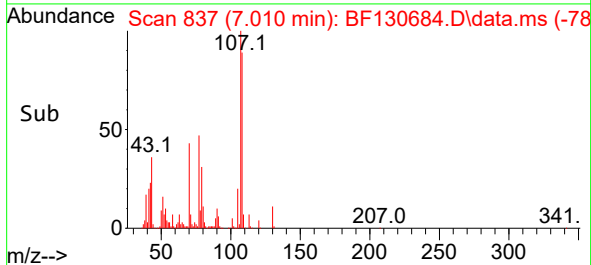
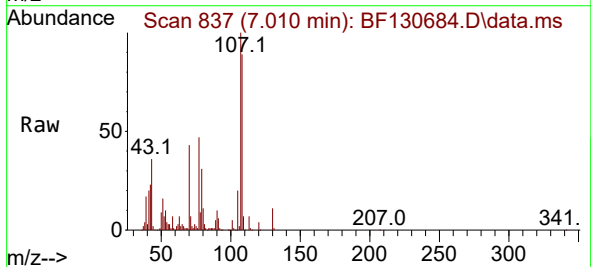
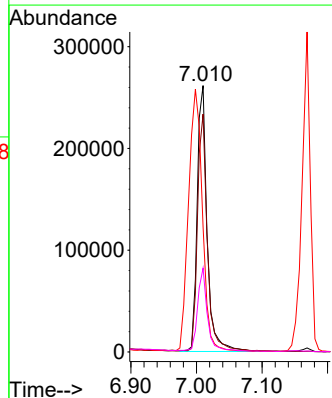
Ion Ratio Lower Upper

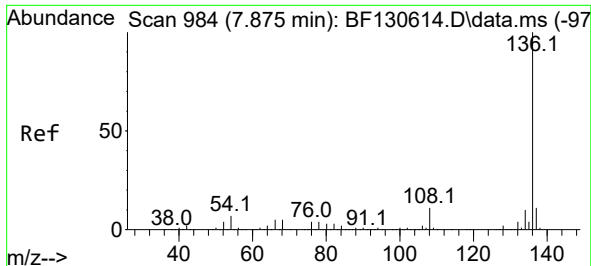
107 100

108 89.3 69.7 109.7

77 46.9 59.7 99.7#

79 31.5 9.5 49.5

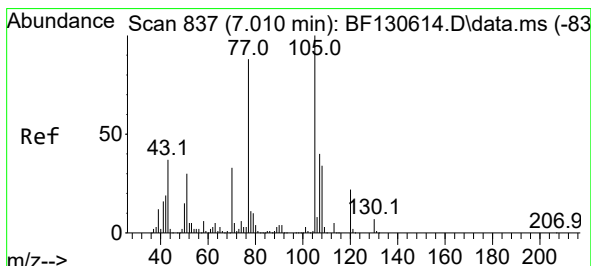
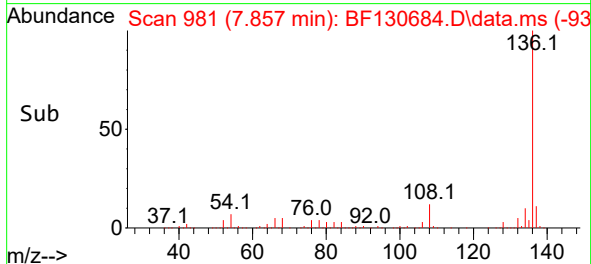
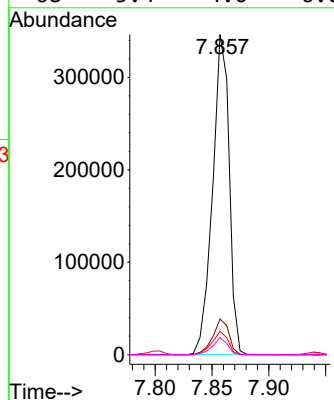
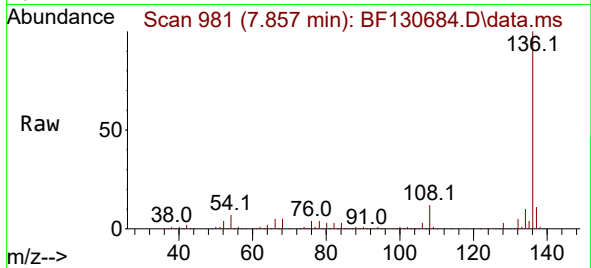




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

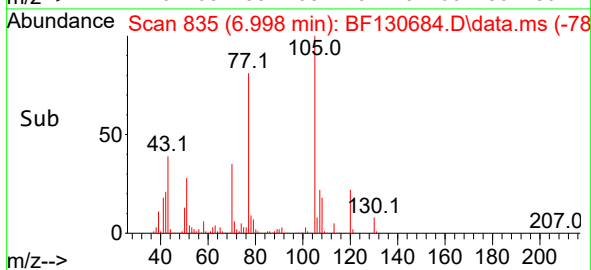
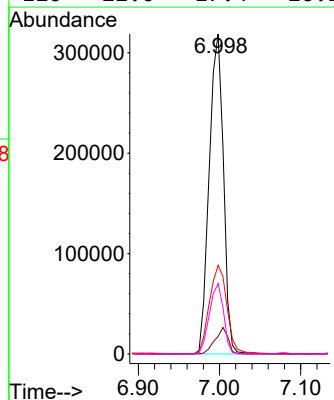
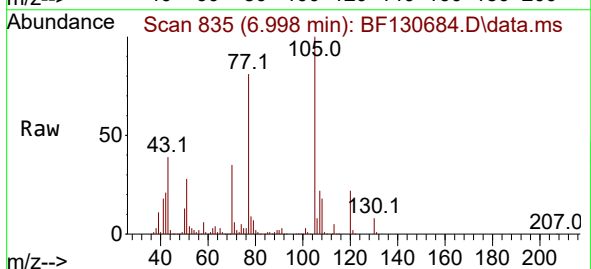
Instrument :
BNA_F
ClientSampleId :
PB148379BS

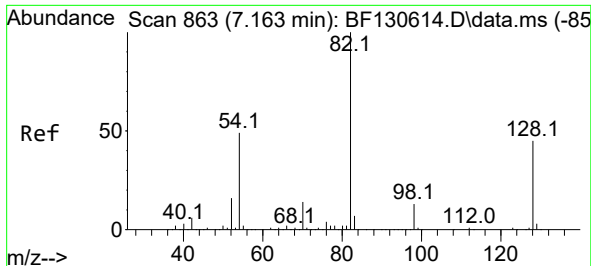
Tgt Ion:136 Resp: 352565
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.3 5.5 8.3
68 5.4 4.0 6.0



#22
Acetophenone
Concen: 45.808 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:105 Resp: 387423
Ion Ratio Lower Upper
105 100
71 5.5 4.2 6.4
51 27.7 24.3 36.5
120 22.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 82.287 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

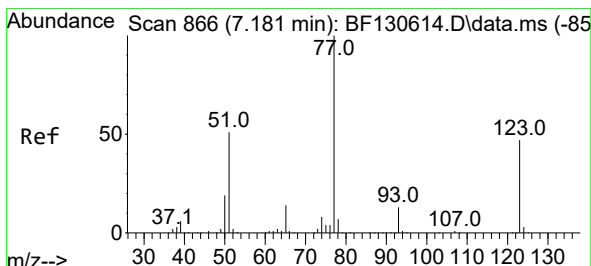
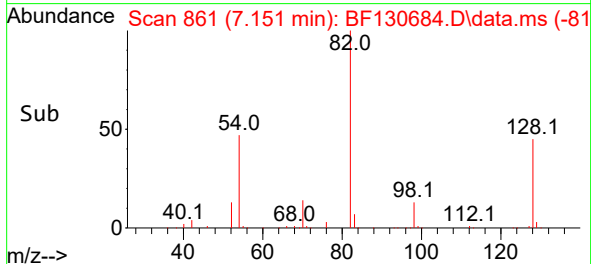
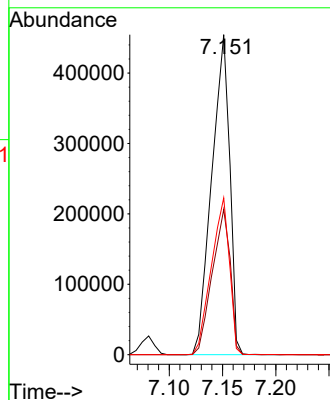
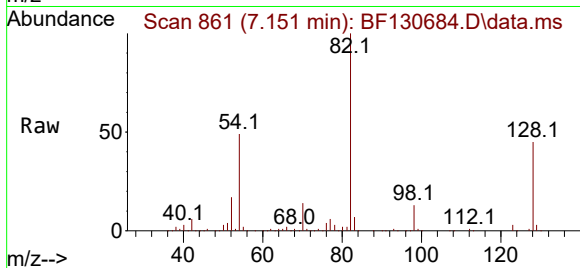
Tgt Ion: 82 Resp: 531440

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.6

54 49.0 39.3 58.9



#24

Nitrobenzene

Concen: 42.501 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

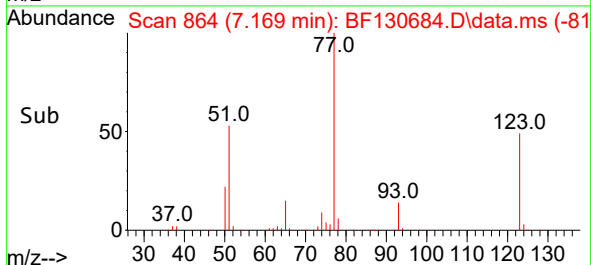
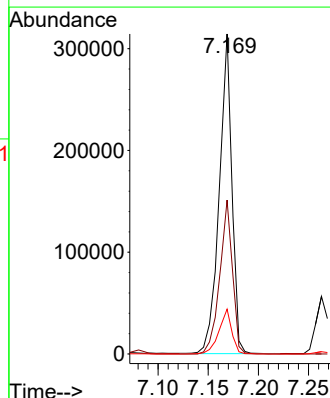
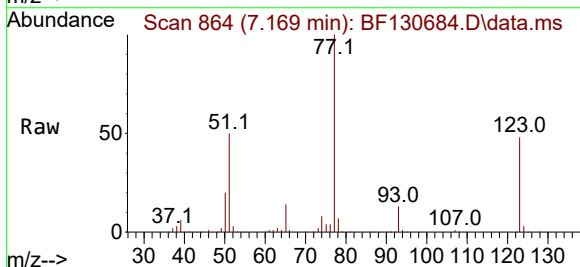
Tgt Ion: 77 Resp: 276040

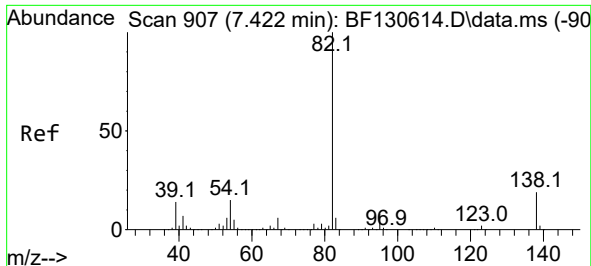
Ion Ratio Lower Upper

77 100

123 48.1 37.5 56.3

65 14.0 11.0 16.4

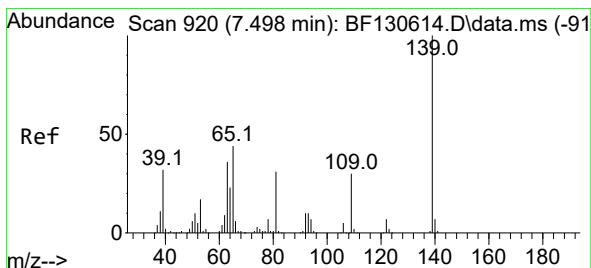
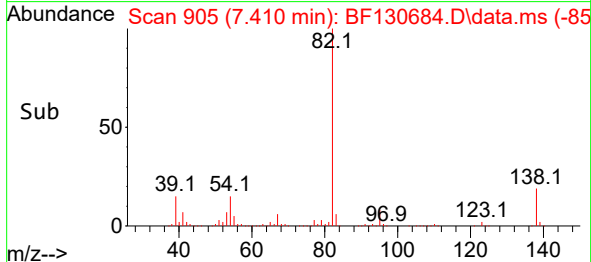
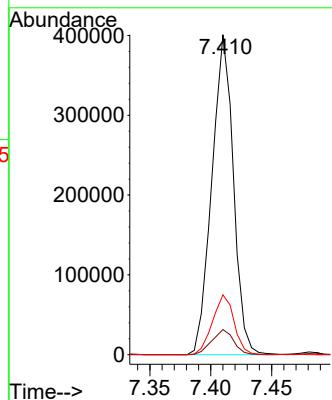
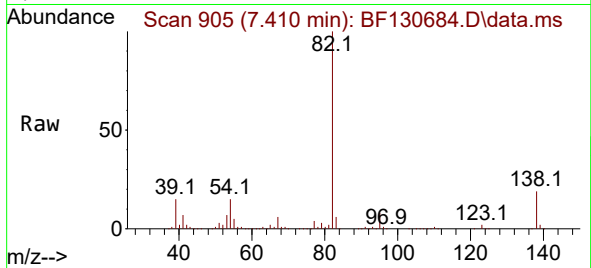




#25
Isophorone
Concen: 45.831 ng
RT: 7.410 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

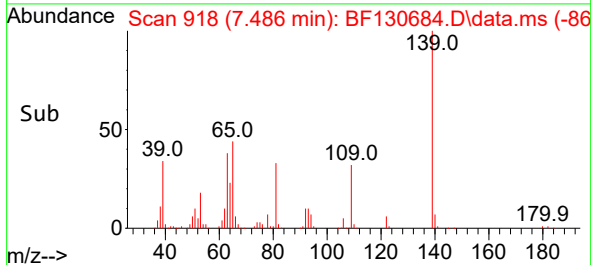
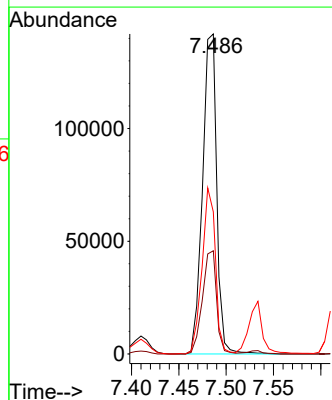
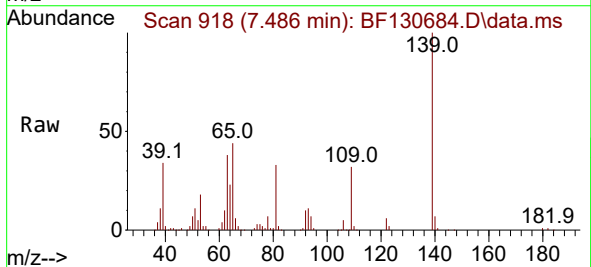
Instrument :
BNA_F
ClientSampleId :
PB148379BS

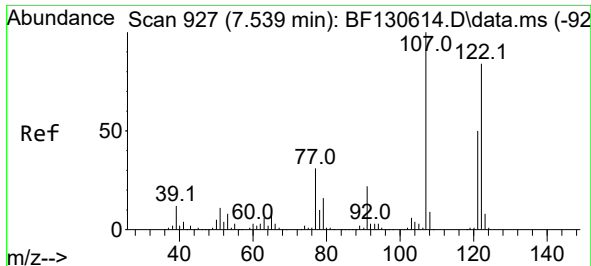
Tgt Ion: 82 Resp: 492629
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 46.376 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:139 Resp: 147711
Ion Ratio Lower Upper
139 100
109 32.2 23.9 35.9
65 44.4 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 50.949 ng

RT: 7.533 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

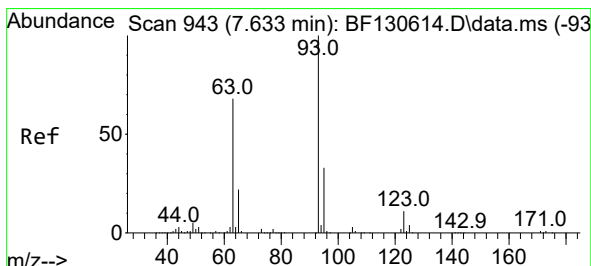
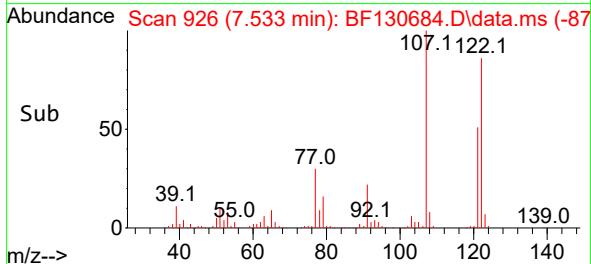
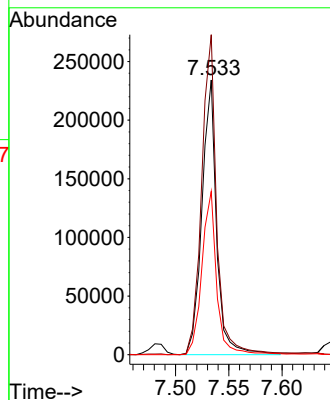
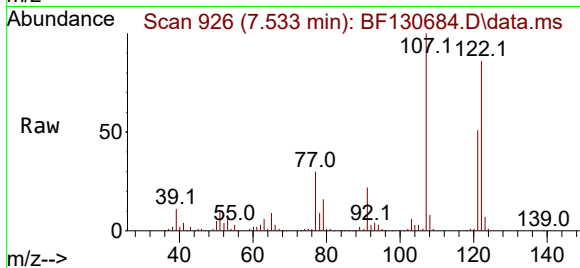
Tgt Ion:122 Resp: 226176

Ion Ratio Lower Upper

122 100

107 116.5 94.9 142.3

121 59.4 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.869 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

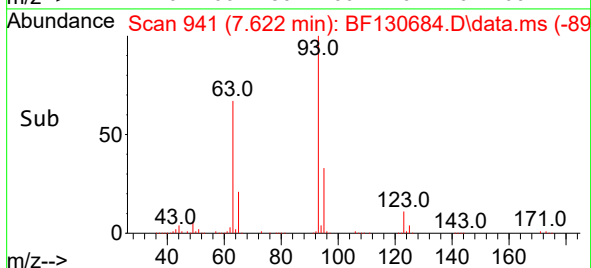
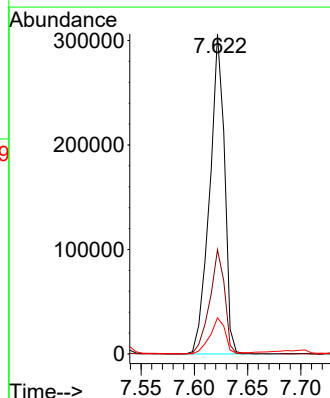
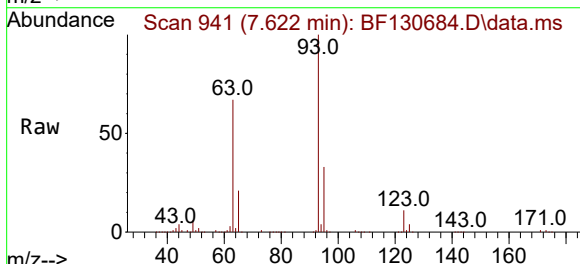
Tgt Ion: 93 Resp: 297934

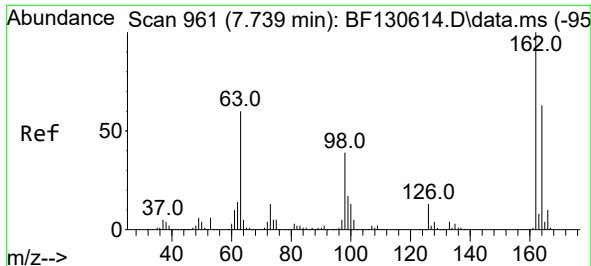
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.737 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

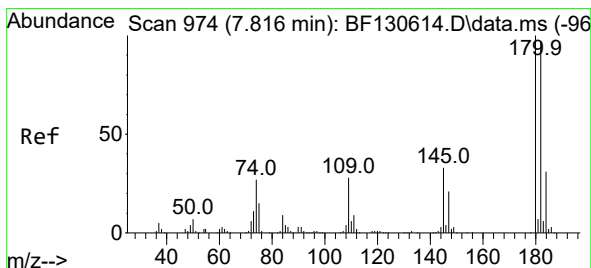
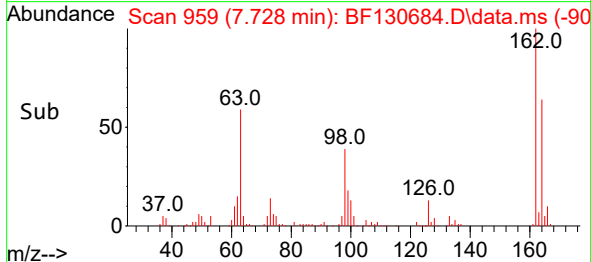
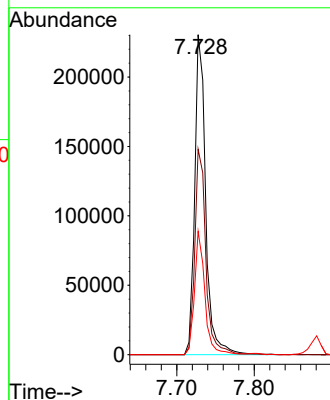
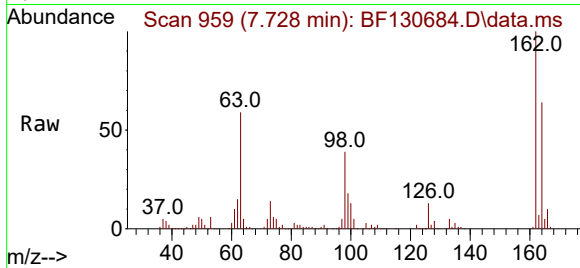
Tgt Ion:162 Resp: 227163

Ion Ratio Lower Upper

162 100

164 64.2 42.8 82.8

98 38.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 44.967 ng

RT: 7.804 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

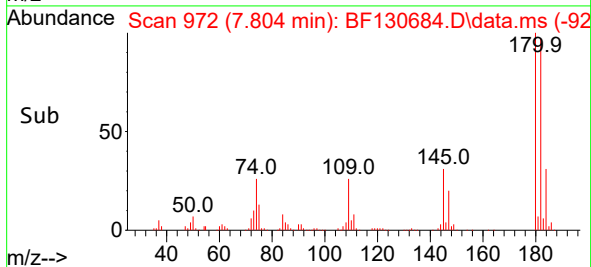
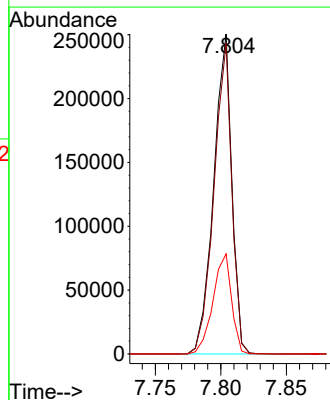
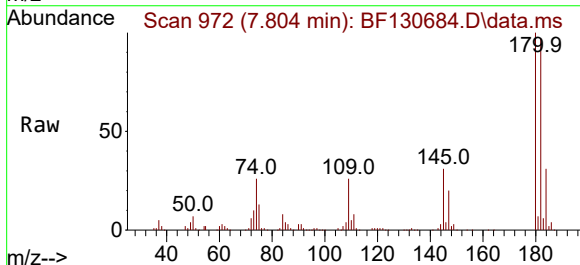
Tgt Ion:180 Resp: 240780

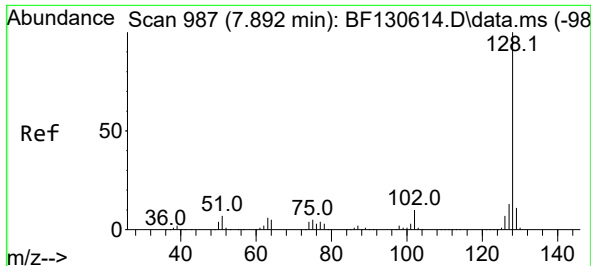
Ion Ratio Lower Upper

180 100

182 97.1 78.0 117.0

145 31.3 26.7 40.1





#31

Naphthalene

Concen: 43.166 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

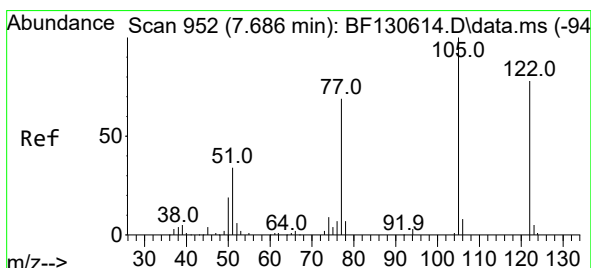
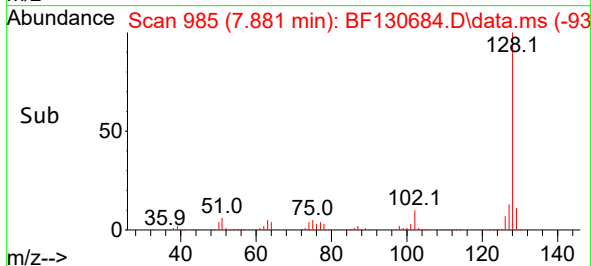
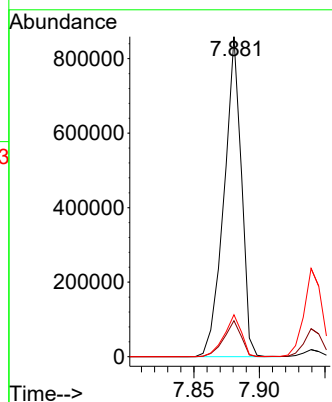
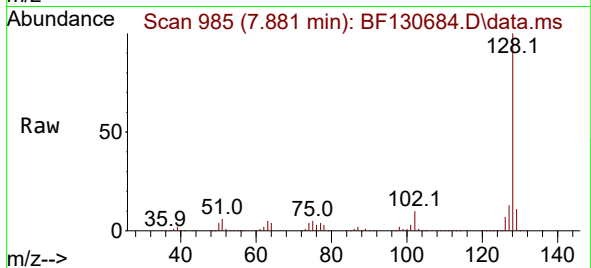
Tgt Ion:128 Resp: 787800

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 42.674 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.017 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

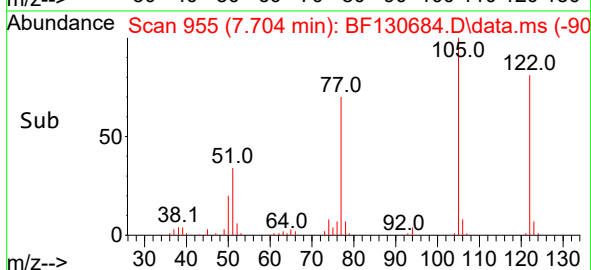
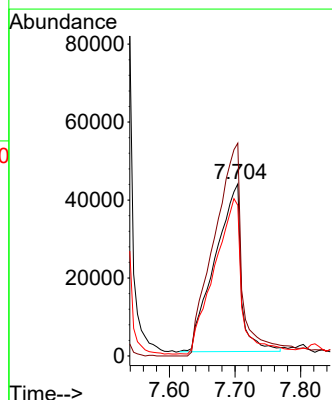
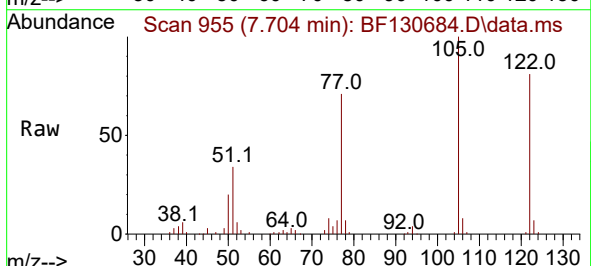
Tgt Ion:122 Resp: 119847

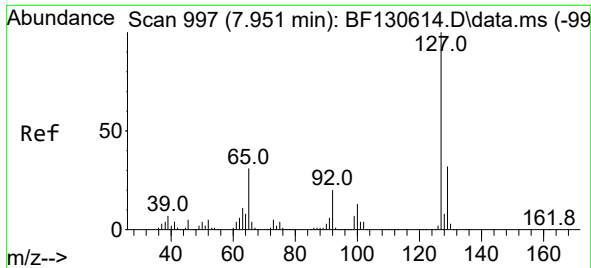
Ion Ratio Lower Upper

122 100

105 123.7 104.8 144.8

77 87.6 68.2 108.2

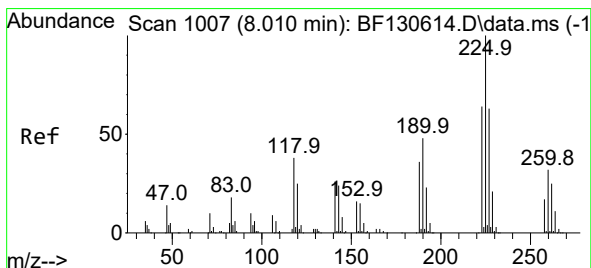
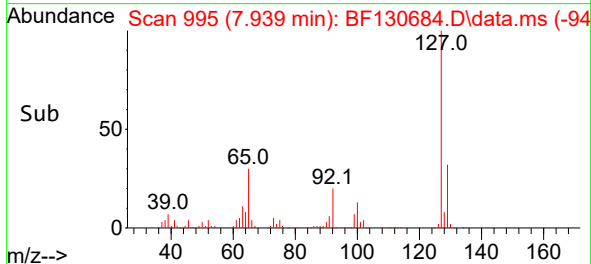
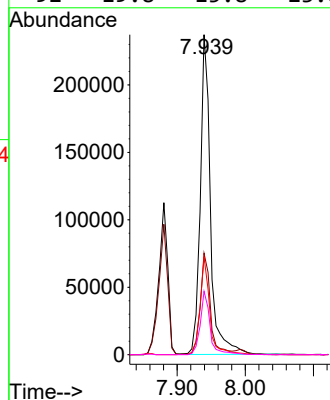
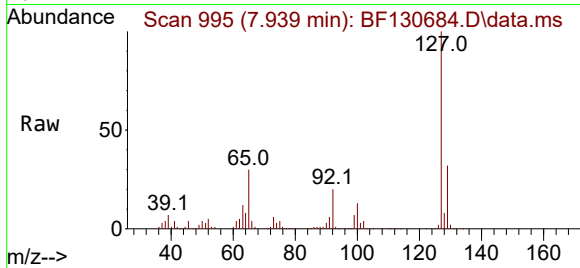




#33
4-Chloroaniline
Concen: 34.957 ng
RT: 7.939 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

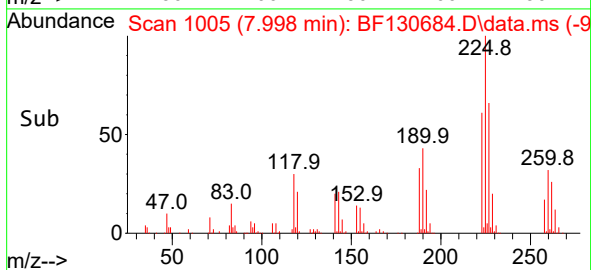
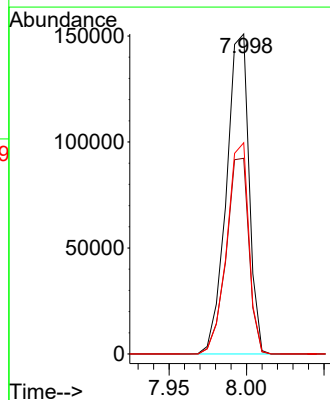
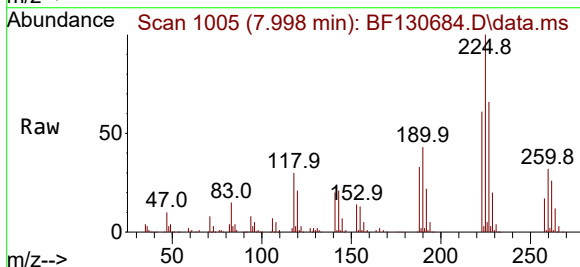
Instrument :
BNA_F
ClientSampleId :
PB148379BS

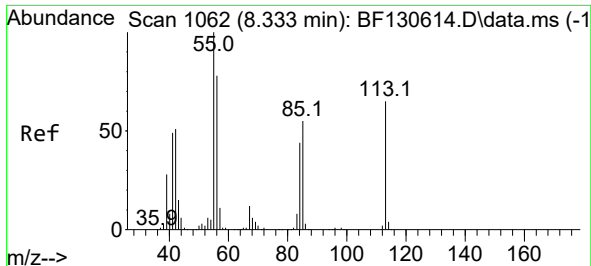
Tgt	Ion:127	Resp:	247134
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.5	24.7	37.1
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 46.008 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt	Ion:225	Resp:	152901
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.5	77.3
227	66.0	50.4	75.6

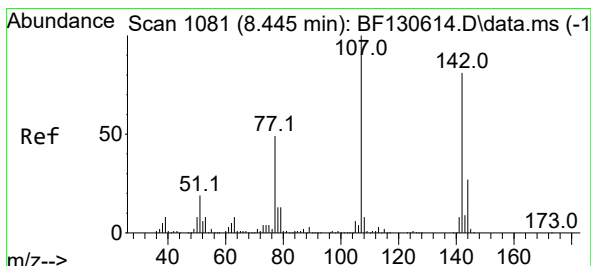
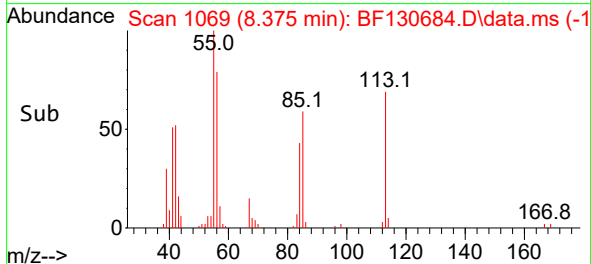
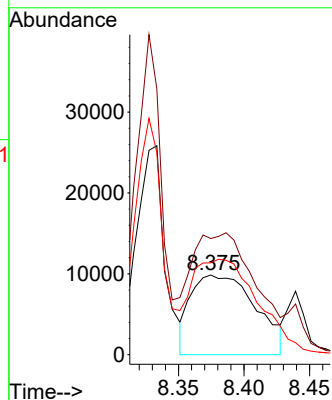
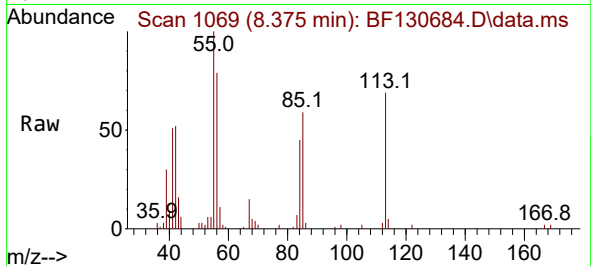




#35
Caprolactam
Concen: 22.626 ng
RT: 8.375 min Scan# 1069
Delta R.T. 0.047 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

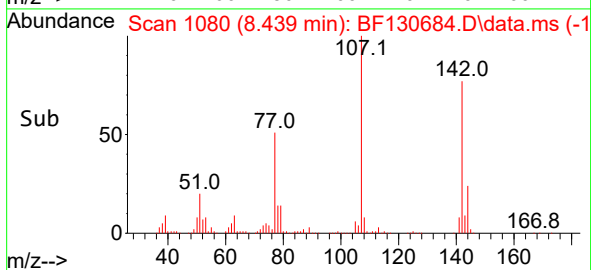
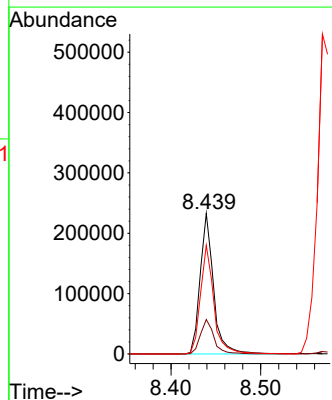
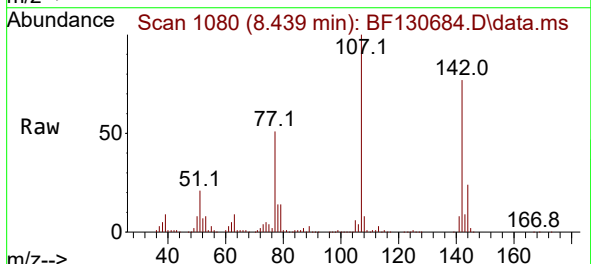
Instrument :
BNA_F
ClientSampleId :
PB148379BS

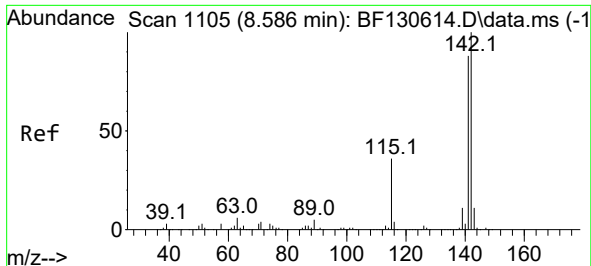
Tgt Ion:113 Resp: 33812
Ion Ratio Lower Upper
113 100
55 145.7 134.3 174.3
56 115.3 101.0 141.0



#36
4-Chloro-3-methylphenol
Concen: 44.984 ng
RT: 8.439 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:107 Resp: 242350
Ion Ratio Lower Upper
107 100
144 24.4 21.9 32.9
142 77.2 64.6 96.8

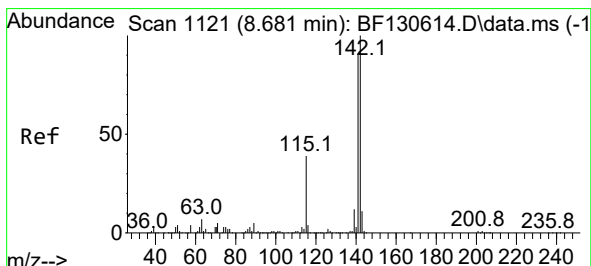
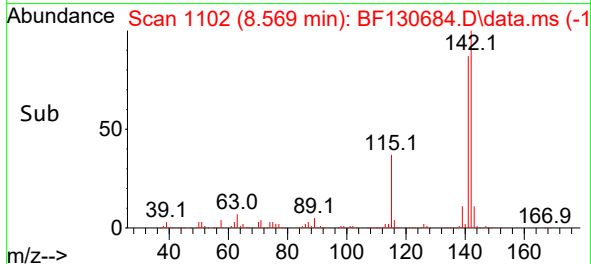
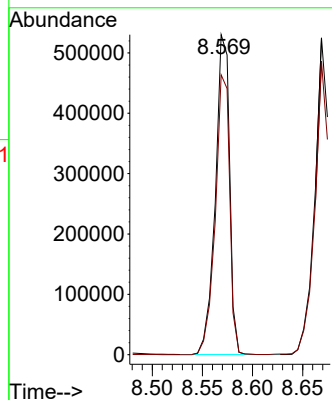
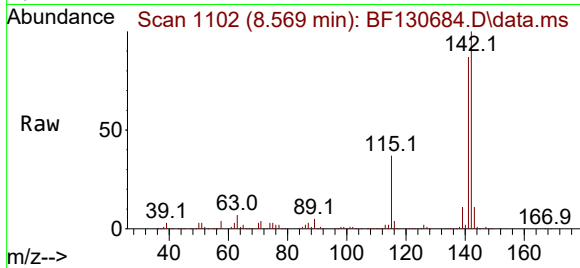




#37
2-Methylnaphthalene
Concen: 45.614 ng
RT: 8.569 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

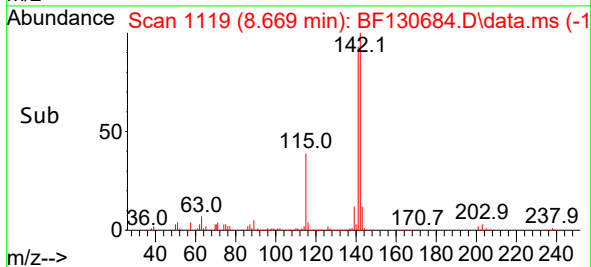
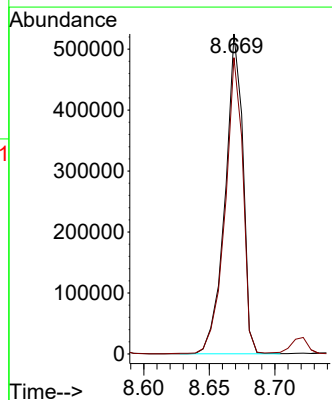
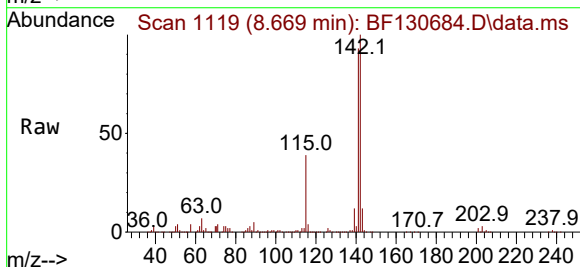
Instrument :
BNA_F
ClientSampleId :
PB148379BS

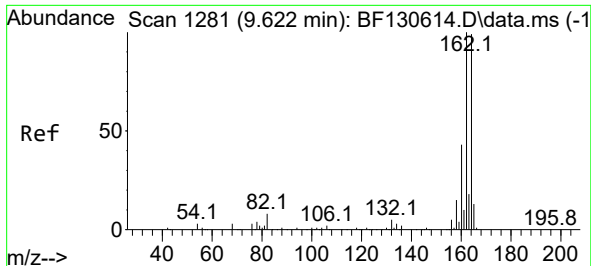
Tgt Ion:142 Resp: 523877
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 44.297 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:142 Resp: 493879
Ion Ratio Lower Upper
142 100
141 92.6 72.6 108.8

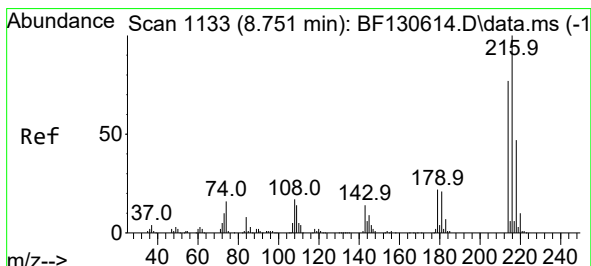
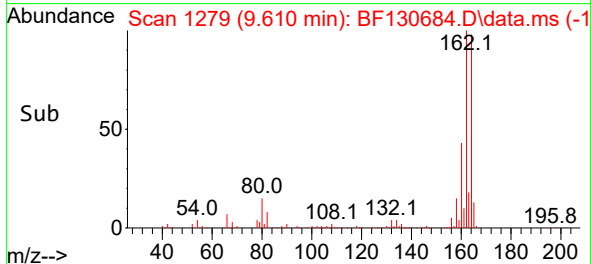
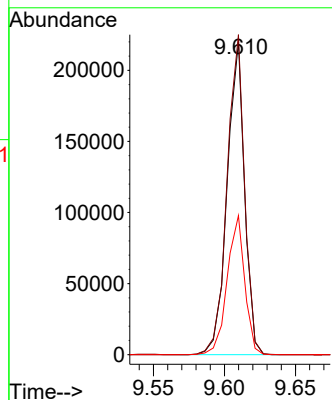
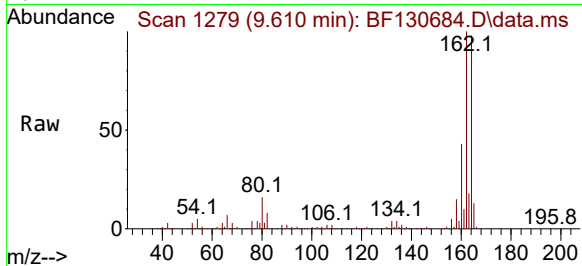




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

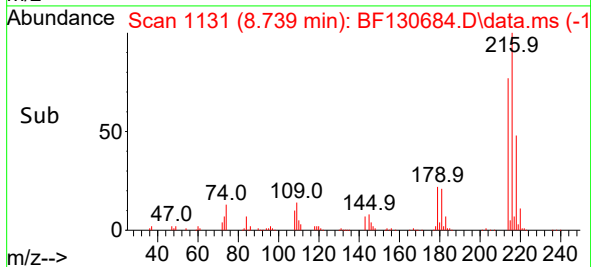
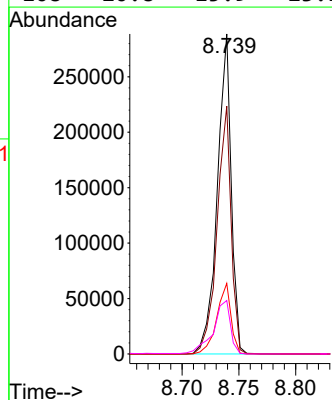
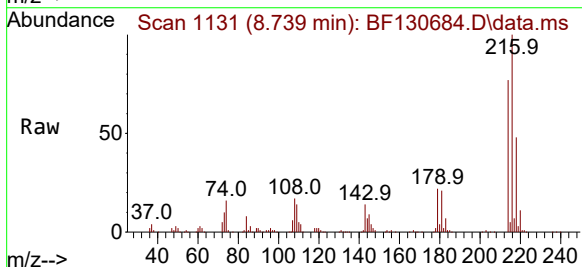
Instrument :
BNA_F
ClientSampleId :
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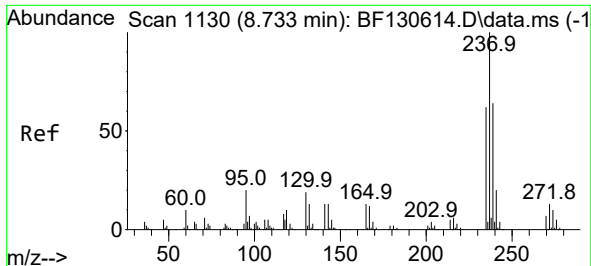
Tgt Ion:164 Resp: 187208
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 44.4 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.499 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:216 Resp: 246335
Ion Ratio Lower Upper
216 100
214 78.2 62.1 93.1
179 22.4 18.6 27.8
108 20.8 15.9 23.9

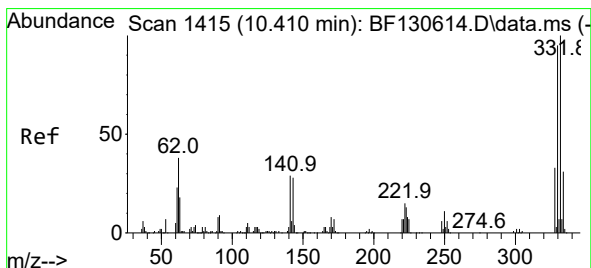
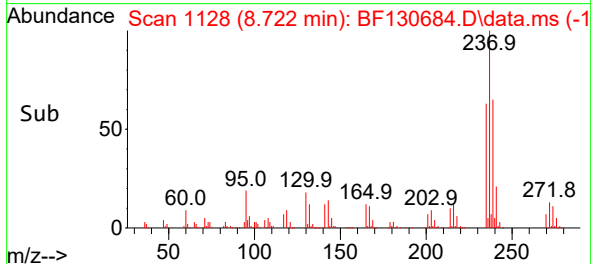
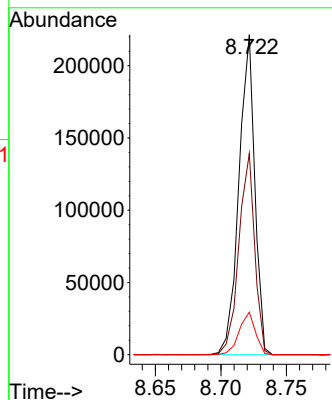
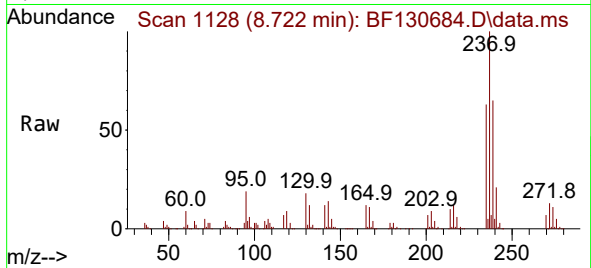




#41
Hexachlorocyclopentadiene
Concen: 94.365 ng
RT: 8.722 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

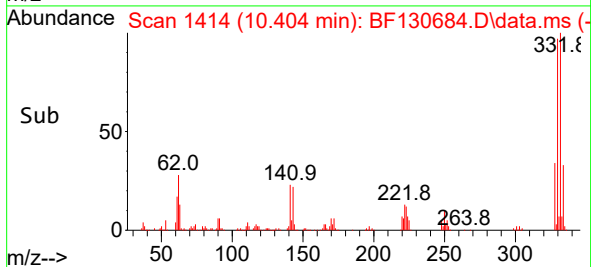
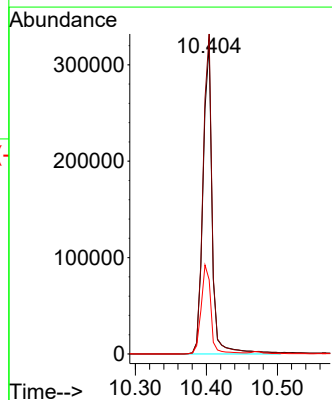
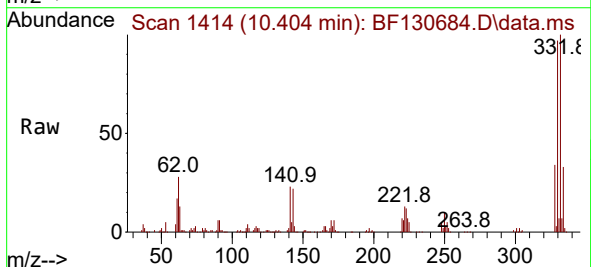
Instrument :
BNA_F
ClientSampleId :
PB148379BS

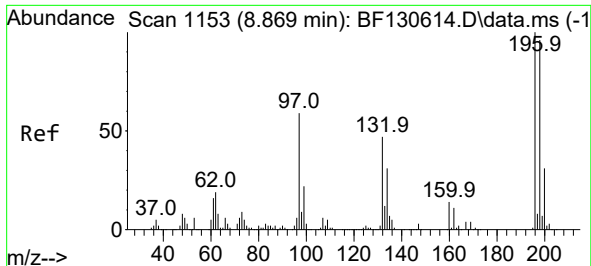
Tgt Ion:237 Resp: 187155
Ion Ratio Lower Upper
237 100
235 62.9 42.2 82.2
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 158.710 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:330 Resp: 290729
Ion Ratio Lower Upper
330 100
332 104.9 84.2 126.4
141 30.6 26.8 40.2

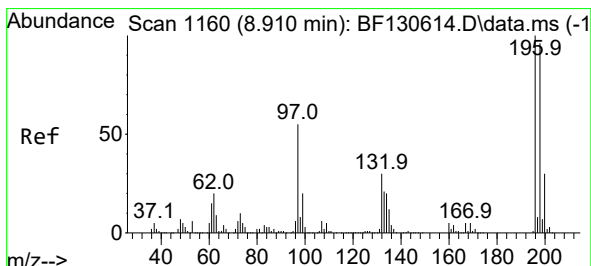
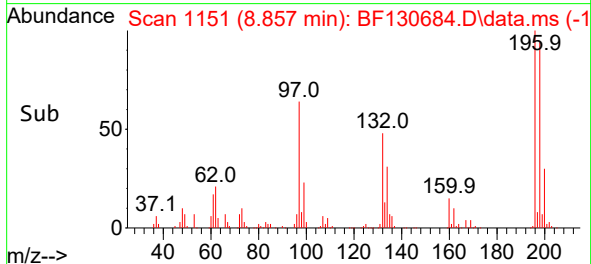
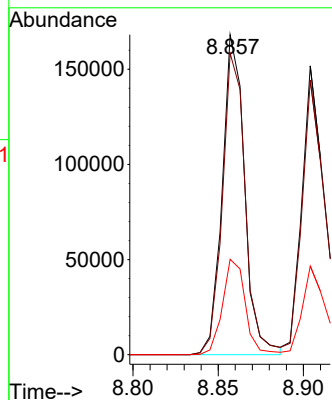
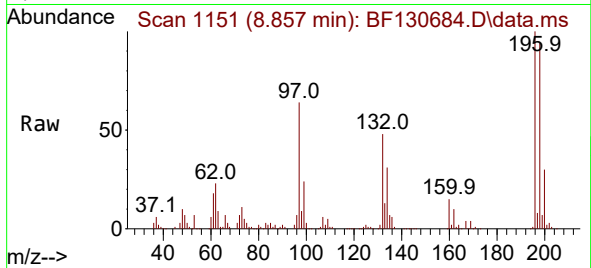




#43
2,4,6-Trichlorophenol
Concen: 45.084 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

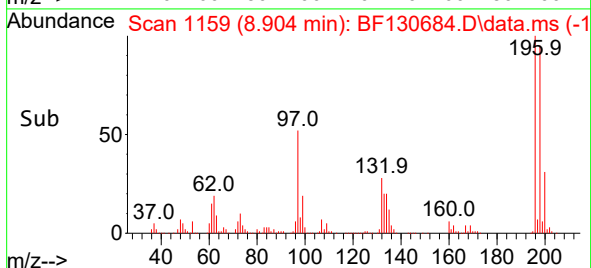
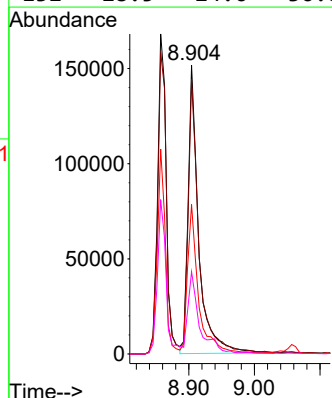
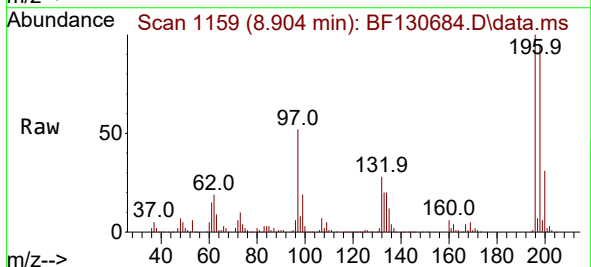
Instrument :
BNA_F
ClientSampleId :
PB148379BS

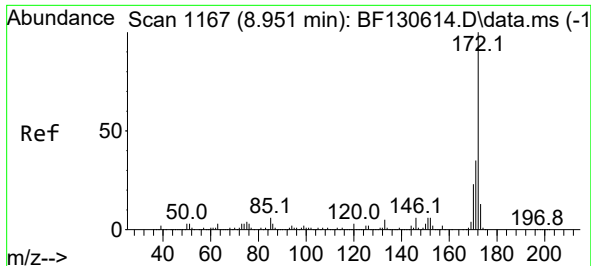
Tgt Ion:196 Resp: 153754
Ion Ratio Lower Upper
196 100
198 94.2 76.6 115.0
200 29.8 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 44.915 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:196 Resp: 168451
Ion Ratio Lower Upper
196 100
198 95.0 76.6 114.8
97 51.7 44.3 66.5
132 28.5 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 88.300 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

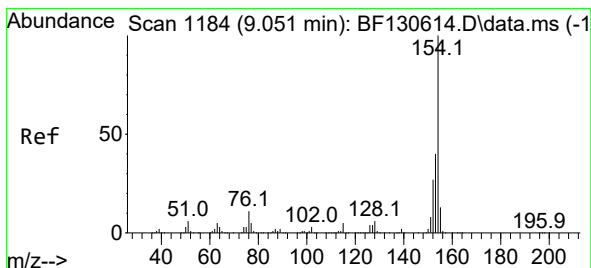
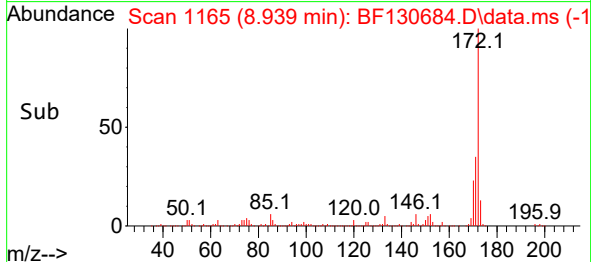
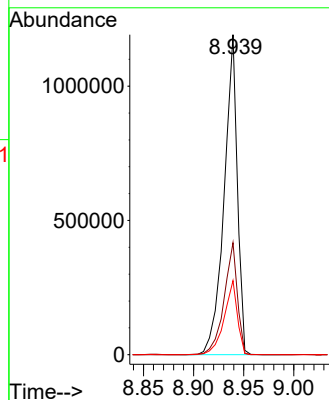
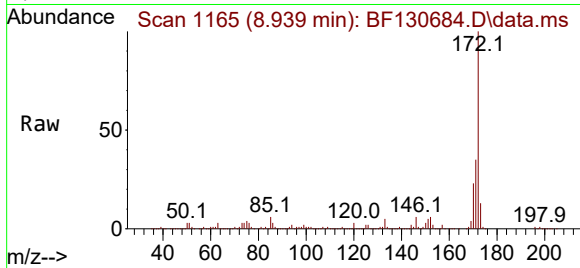
Tgt Ion:172 Resp: 1091296

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 47.361 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

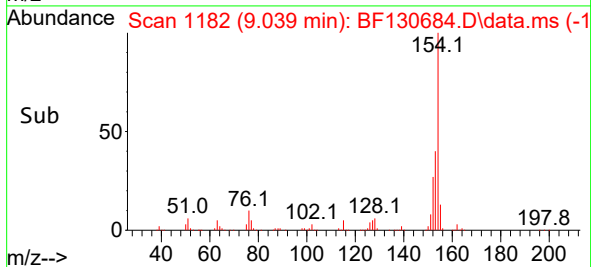
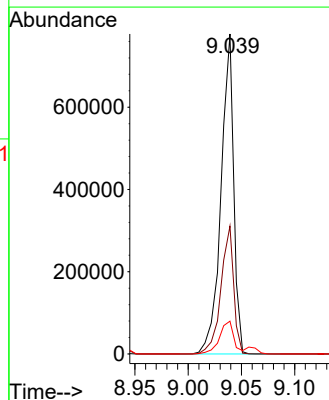
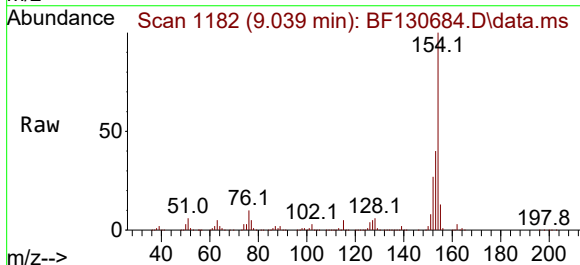
Tgt Ion:154 Resp: 642553

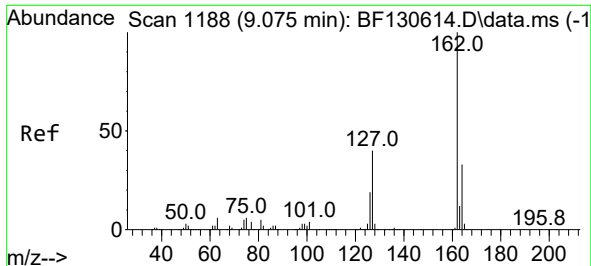
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 10.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.220 ng

RT: 9.063 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

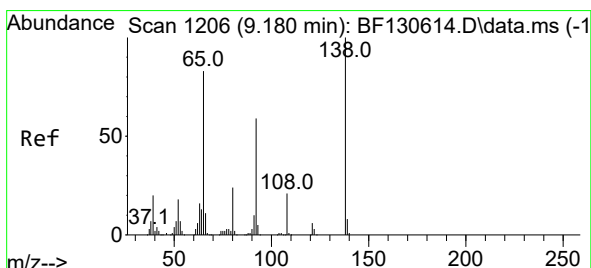
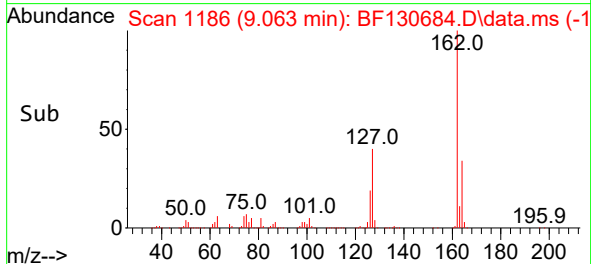
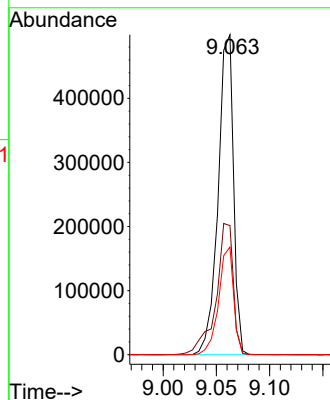
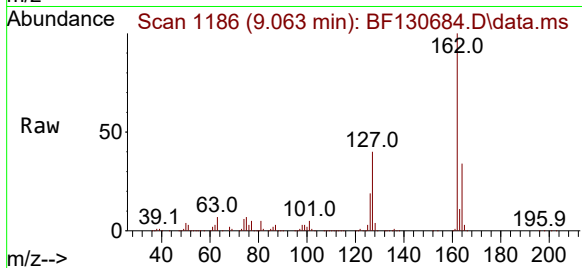
Tgt Ion:162 Resp: 501424

Ion Ratio Lower Upper

162 100

127 40.4 32.6 49.0

164 33.7 26.3 39.5



#48

2-Nitroaniline

Concen: 44.135 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

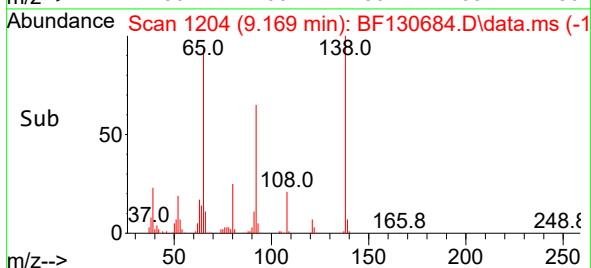
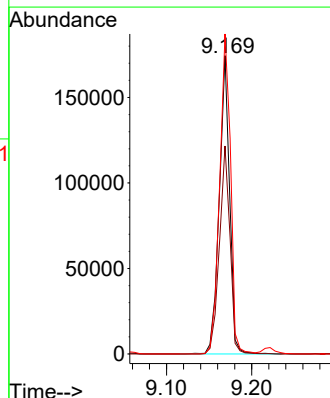
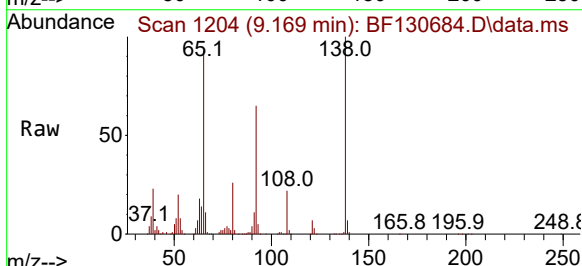
Tgt Ion: 65 Resp: 147320

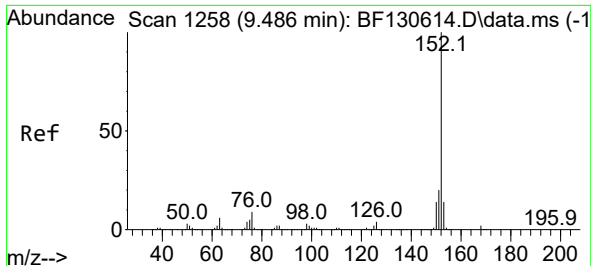
Ion Ratio Lower Upper

65 100

92 69.7 57.4 86.0

138 107.2 96.7 145.1





#49

Acenaphthylene

Concen: 44.897 ng

RT: 9.475 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

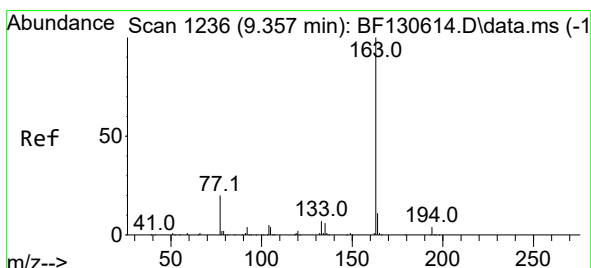
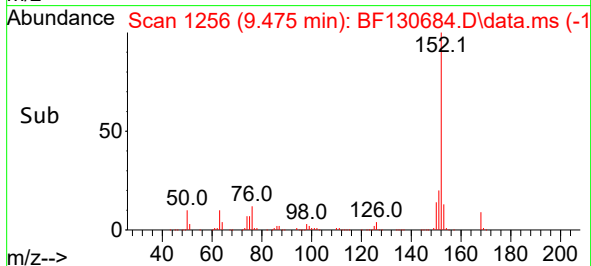
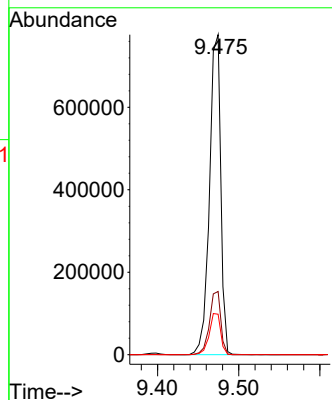
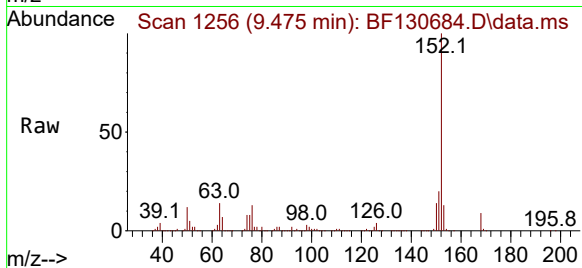
Tgt Ion:152 Resp: 745925

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 12.7 10.8 16.2



#50

Dimethylphthalate

Concen: 46.126 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

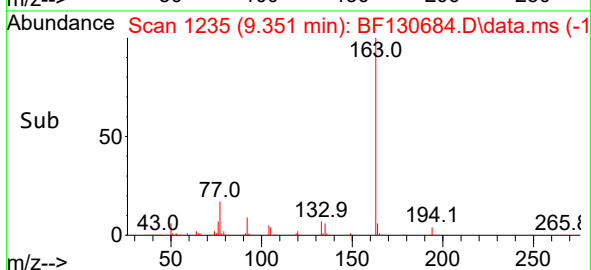
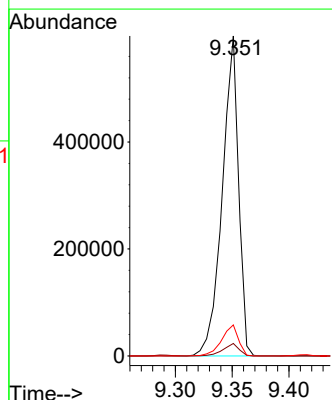
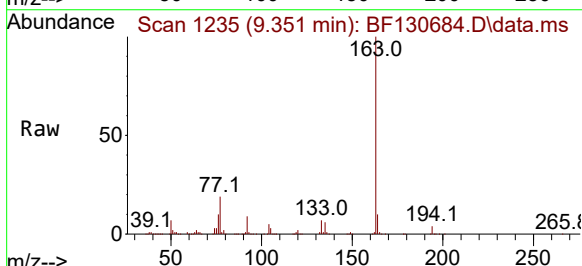
Tgt Ion:163 Resp: 597752

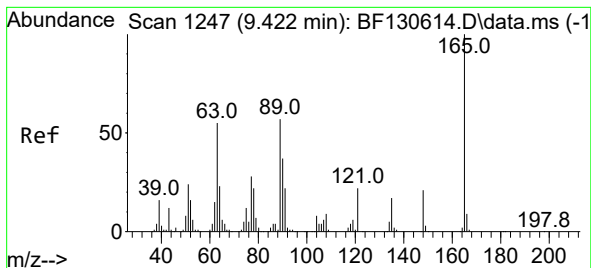
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.7 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 47.067 ng

RT: 9.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

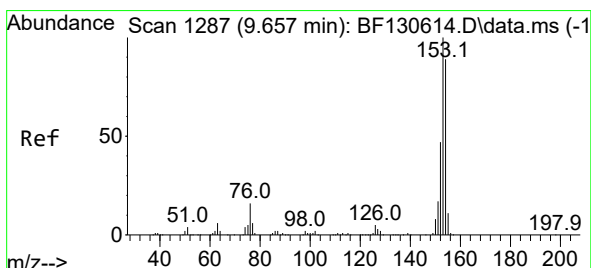
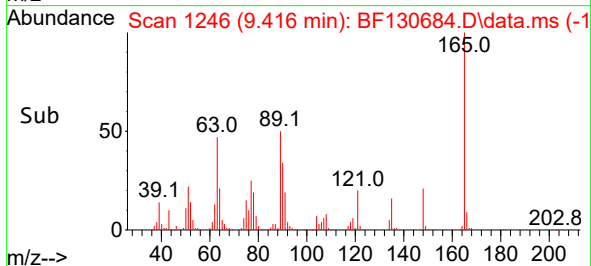
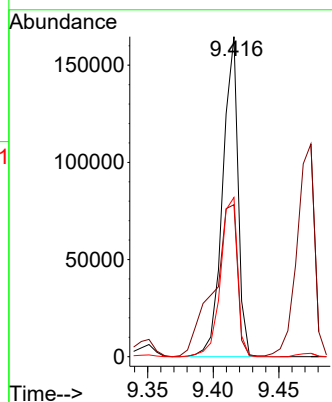
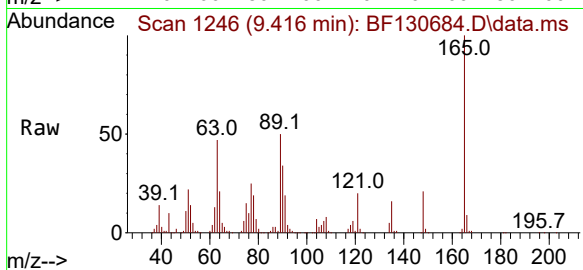
Tgt Ion:165 Resp: 133796

Ion Ratio Lower Upper

165 100

63 47.5 45.3 67.9

89 49.7 45.6 68.4



#52

Acenaphthene

Concen: 45.145 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

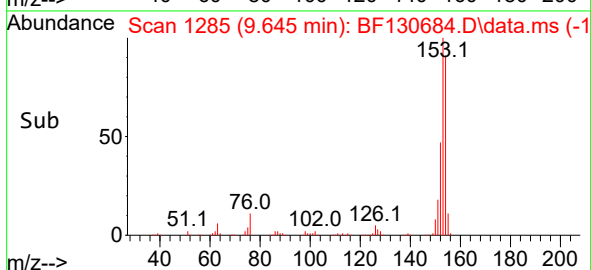
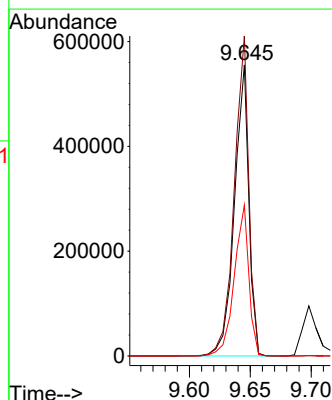
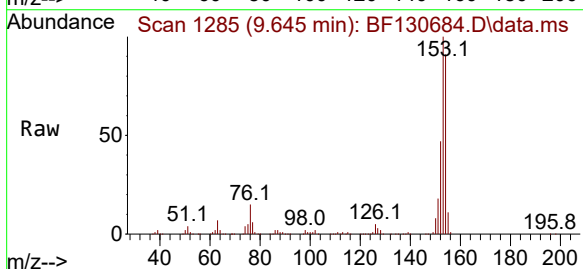
Tgt Ion:154 Resp: 454428

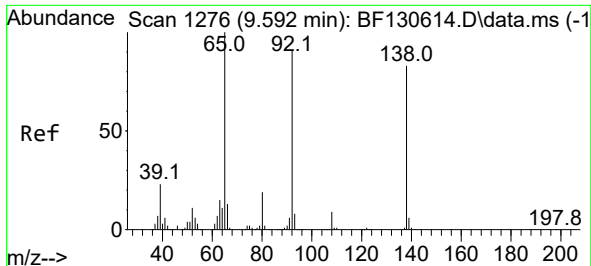
Ion Ratio Lower Upper

154 100

153 110.0 89.6 134.4

152 51.9 42.4 63.6

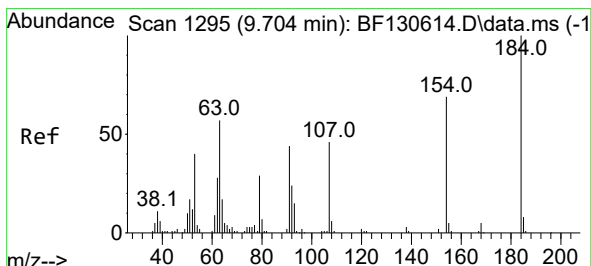
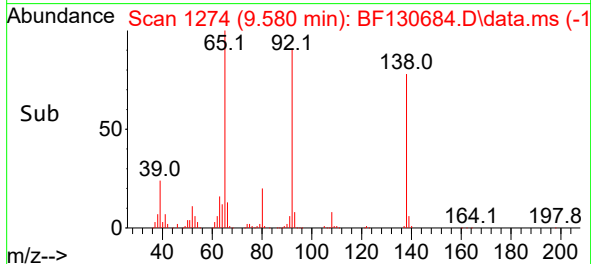
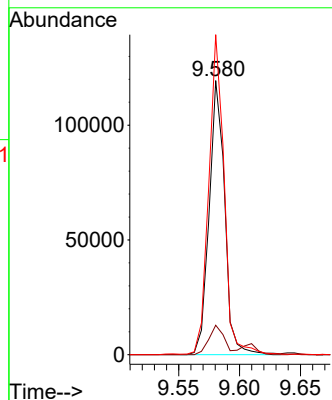
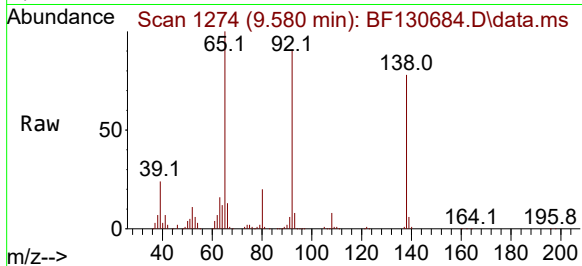




#53
3-Nitroaniline
Concen: 33.996 ng
RT: 9.580 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

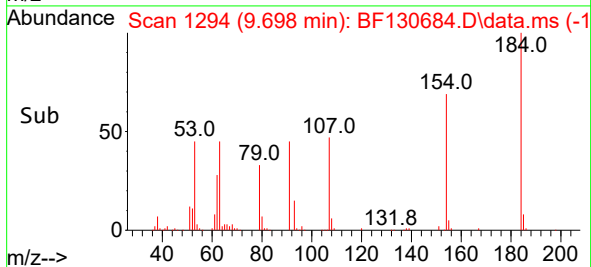
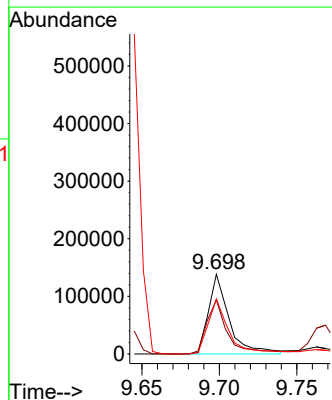
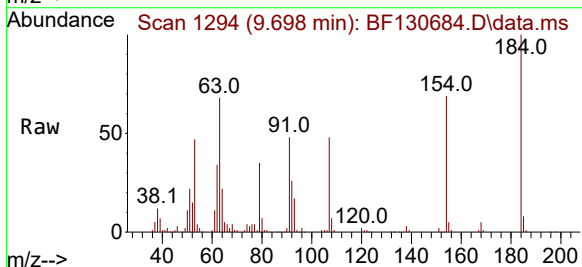
Instrument :
BNA_F
ClientSampleId :
PB148379BS

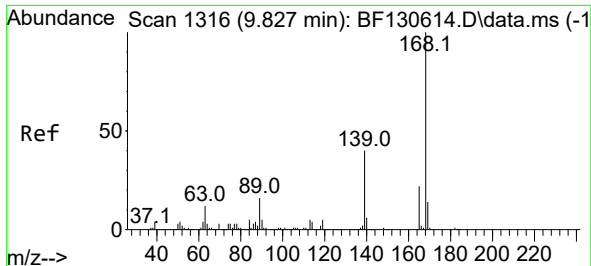
Tgt Ion:138 Resp: 105931
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 116.7 88.2 132.4



#54
2,4-Dinitrophenol
Concen: 88.245 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:184 Resp: 128618
Ion Ratio Lower Upper
184 100
63 67.7 45.5 68.3
154 69.1 55.1 82.7

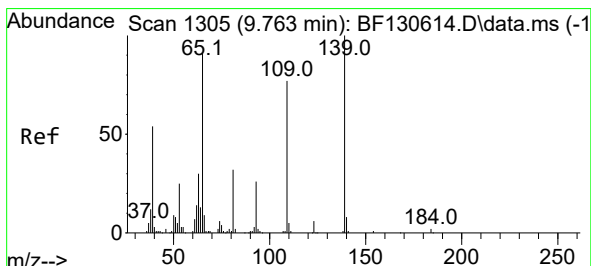
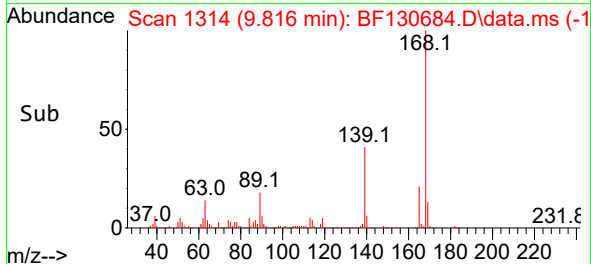
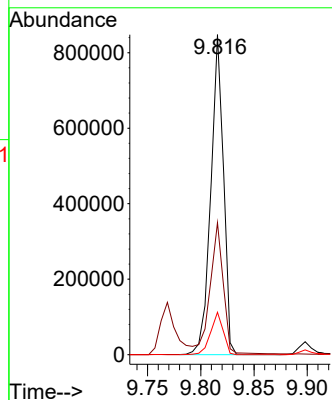
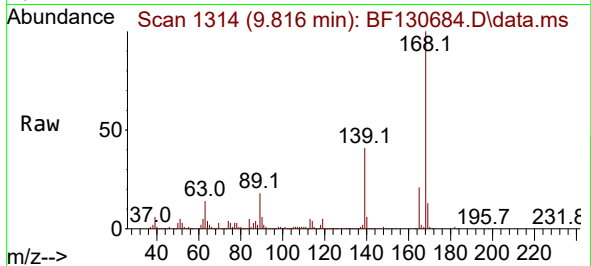




#55
Dibenzenofuran
Concen: 45.713 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

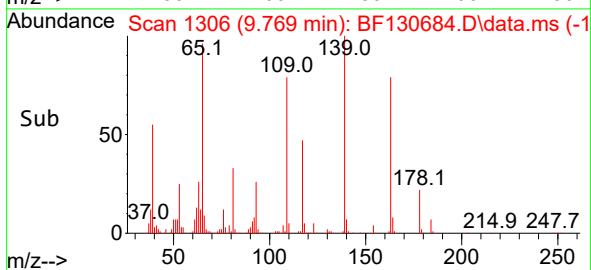
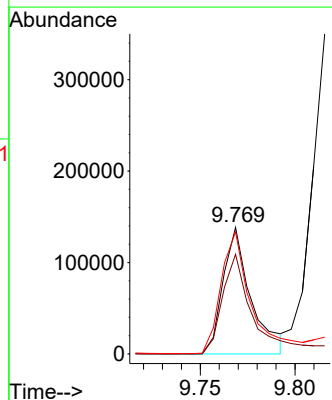
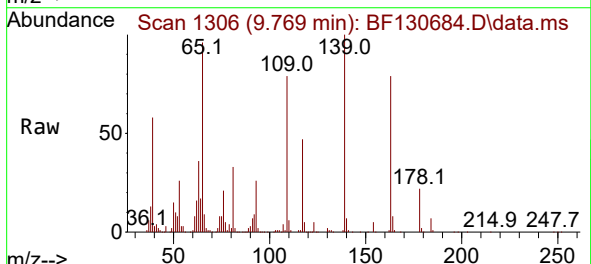
Instrument :
BNA_F
ClientSampleId :
PB148379BS

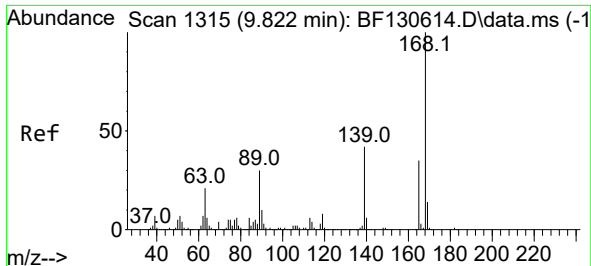
Tgt Ion:168 Resp: 700979
Ion Ratio Lower Upper
168 100
139 41.3 33.0 49.4
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 83.136 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:139 Resp: 142835
Ion Ratio Lower Upper
139 100
109 78.7 57.4 97.4
65 96.3 71.3 111.3

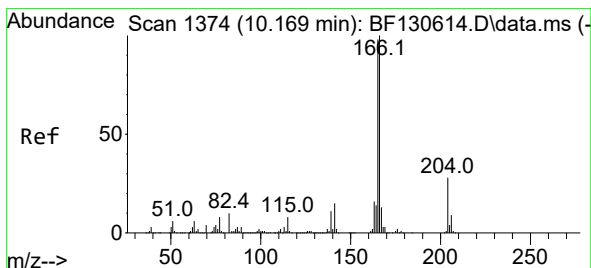
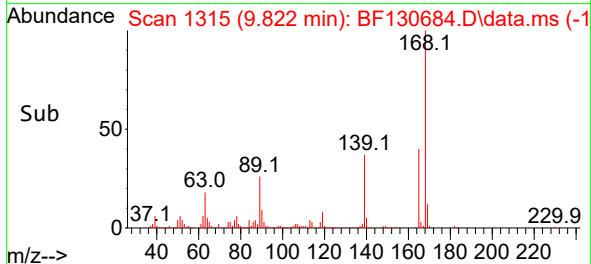
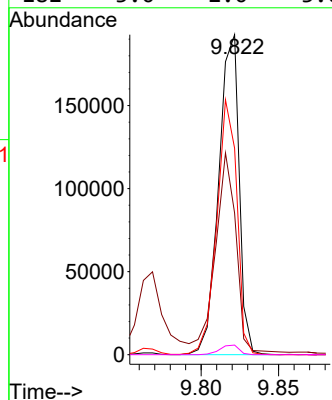
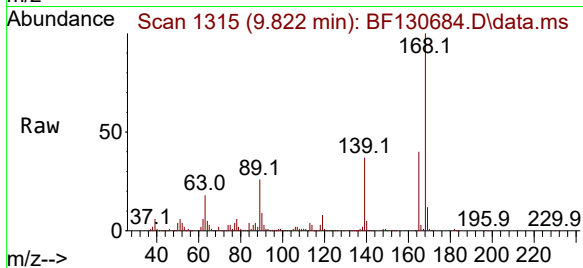




#57
2,4-Dinitrotoluene
Concen: 48.465 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

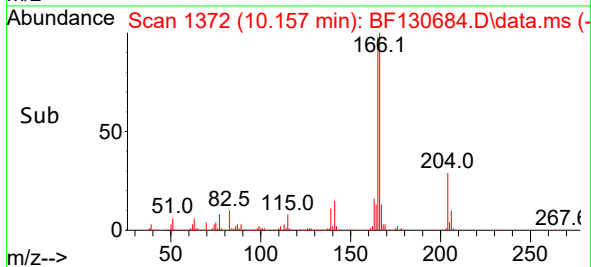
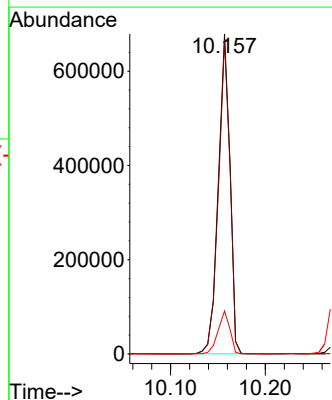
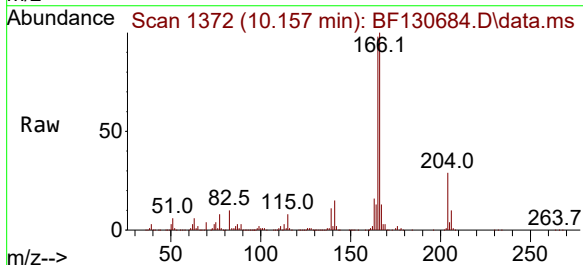
Instrument :
BNA_F
ClientSampleId :
PB148379BS

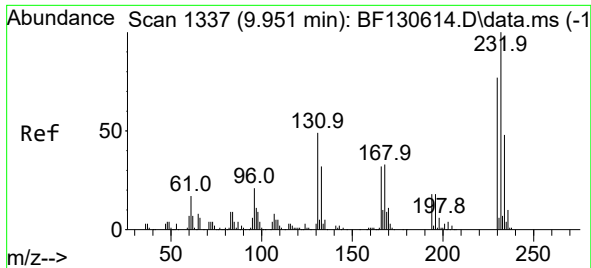
Tgt Ion:165 Resp: 177063
Ion Ratio Lower Upper
165 100
63 44.3 50.6 76.0#
89 64.5 68.6 102.8#
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 45.976 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:166 Resp: 579621
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.4 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.580 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

Tgt Ion:232 Resp: 136286

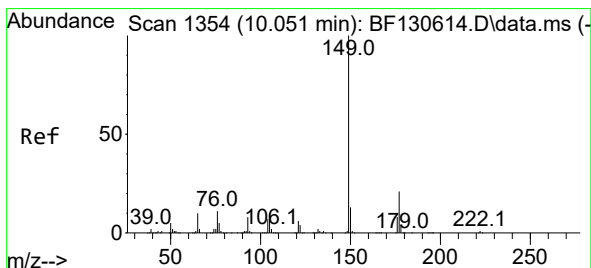
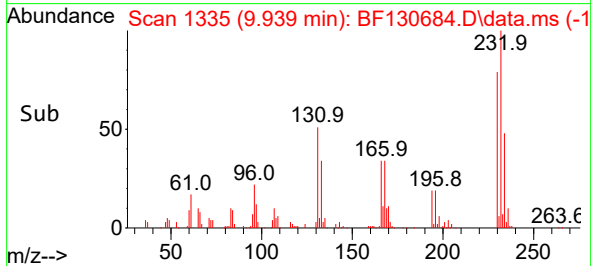
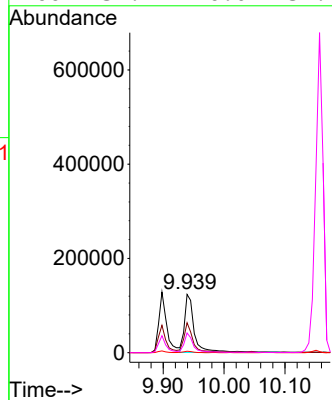
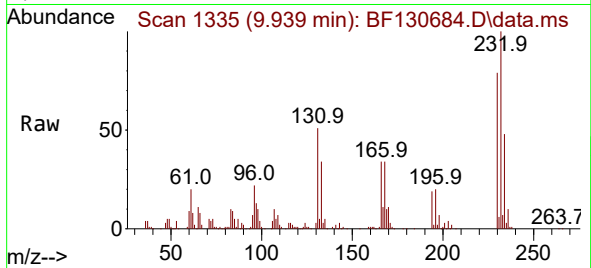
Ion Ratio Lower Upper

232 100

131 48.9 41.4 62.0

130 2.6 2.1 3.1

166 31.7 26.0 39.0



#60

Diethylphthalate

Concen: 45.190 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

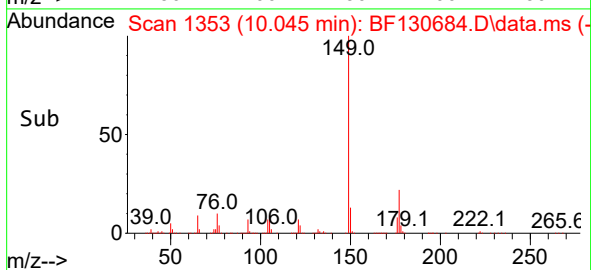
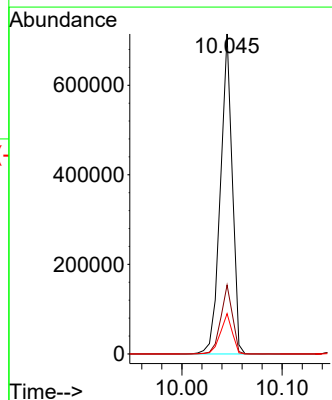
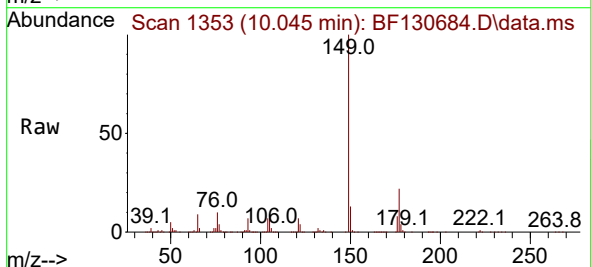
Tgt Ion:149 Resp: 584295

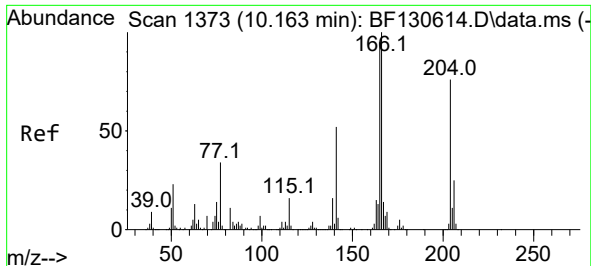
Ion Ratio Lower Upper

149 100

177 21.6 16.7 25.1

150 12.6 10.5 15.7

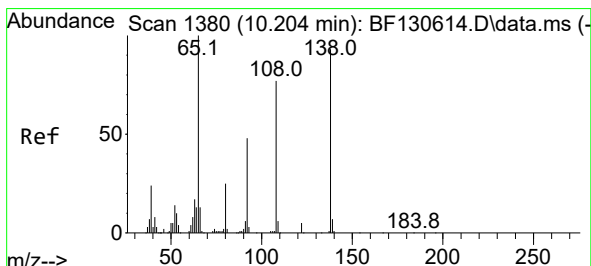
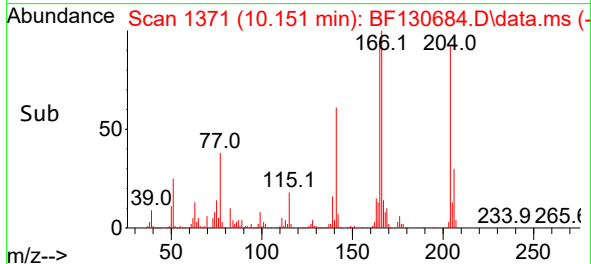
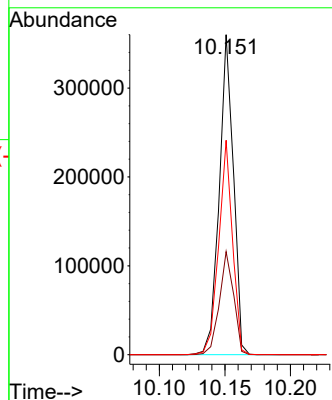
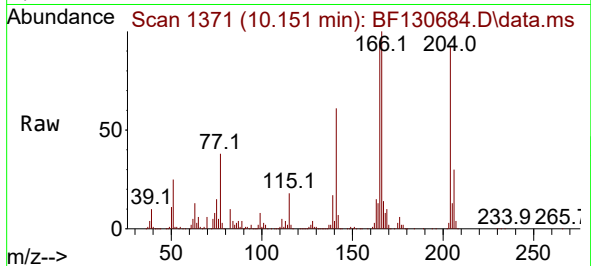




#61
4-Chlorophenyl-phenylether
Concen: 47.253 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

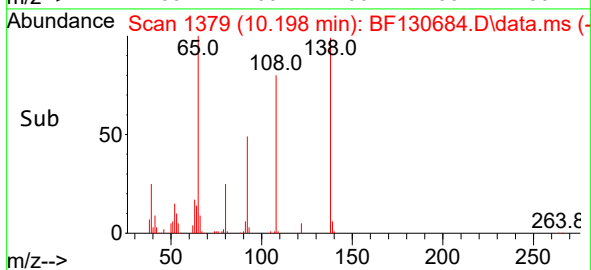
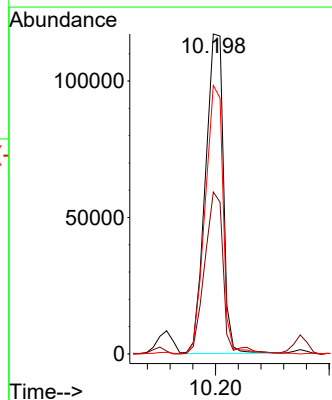
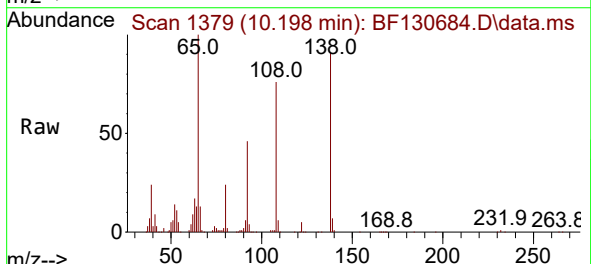
Instrument :
BNA_F
ClientSampleId :
PB148379BS

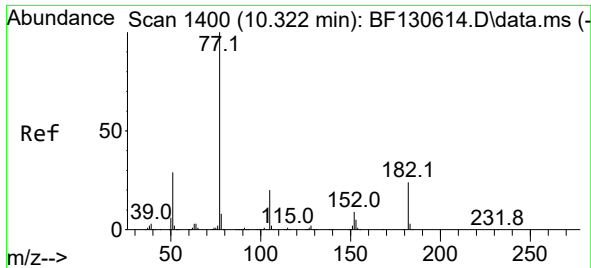
Tgt Ion:204 Resp: 269326
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 67.0 54.6 81.8



#62
4-Nitroaniline
Concen: 43.124 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:138 Resp: 128296
Ion Ratio Lower Upper
138 100
92 50.6 31.1 71.1
108 83.9 62.1 102.1

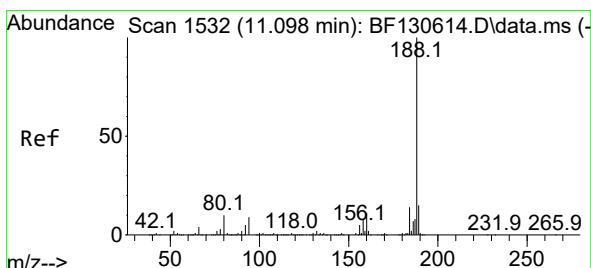
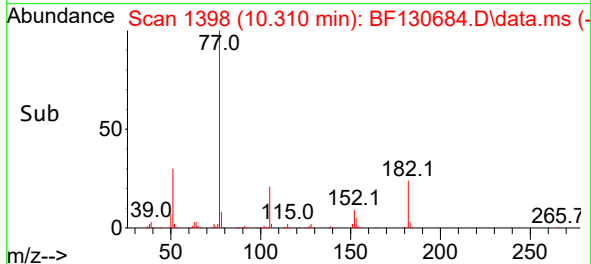
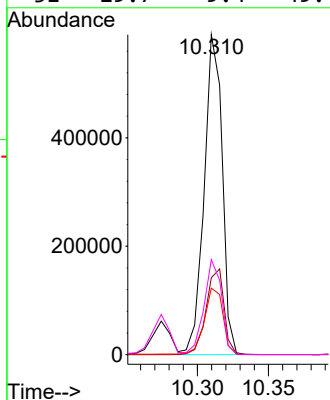
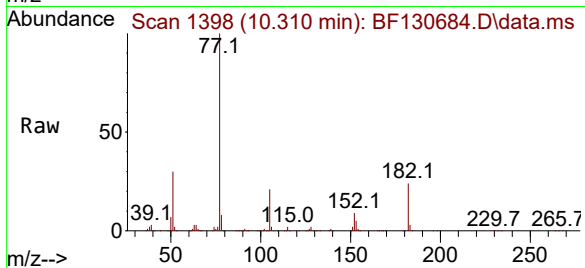




#63
Azobenzene
Concen: 42.890 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

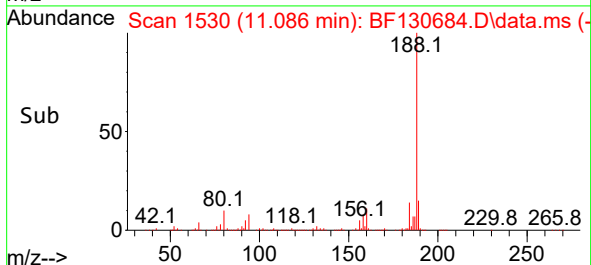
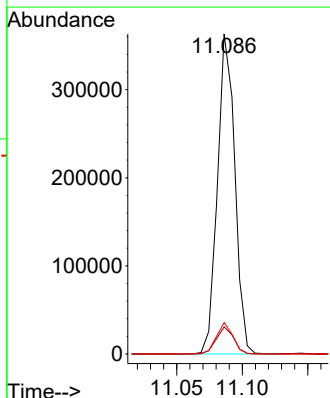
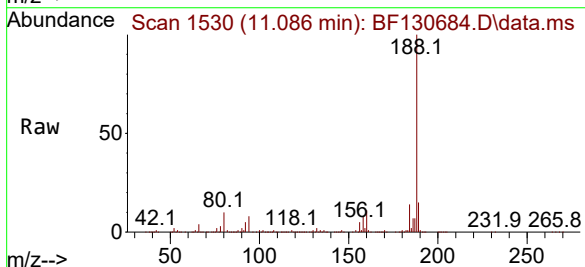
Instrument :
BNA_F
ClientSampleId :
PB148379BS

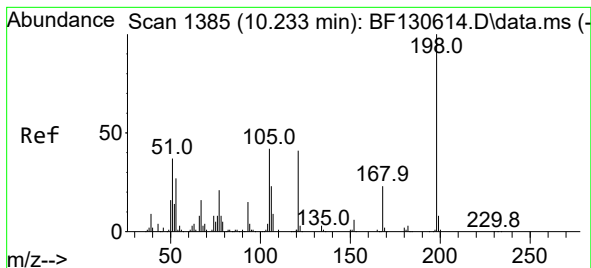
Tgt Ion: 77	Resp: 522324
Ion Ratio	Lower Upper
77 100	
182 24.0	3.8 43.8
105 20.8	0.3 40.3
51 29.7	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion: 188	Resp: 333522
Ion Ratio	Lower Upper
188 100	
94 8.5	7.4 11.2
80 9.8	8.0 12.0

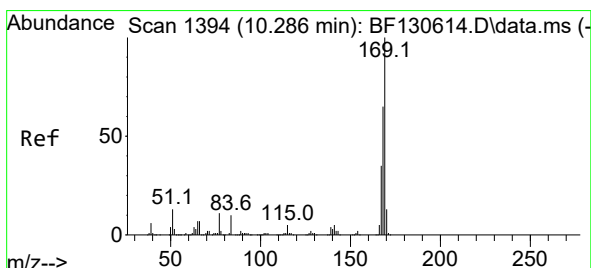
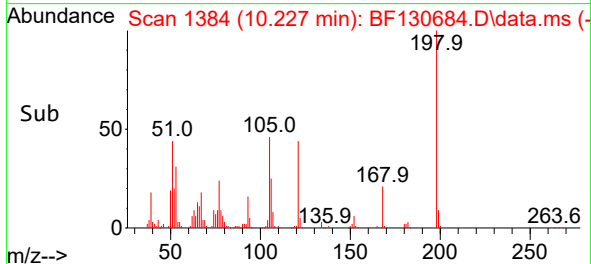
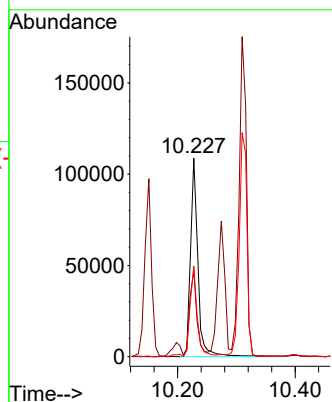
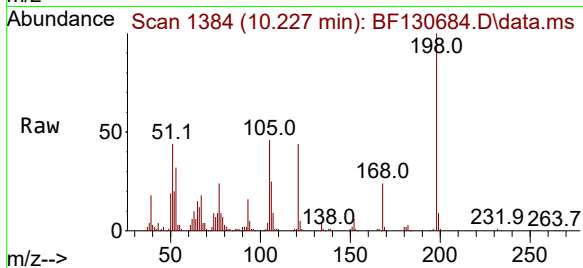




#65
4,6-Dinitro-2-methylphenol
Concen: 45.921 ng
RT: 10.227 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

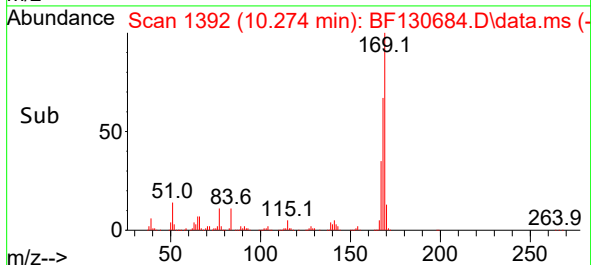
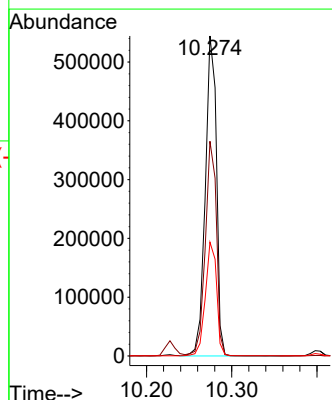
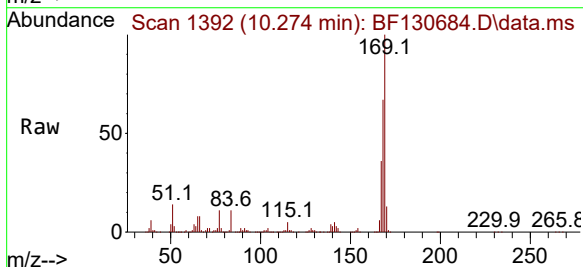
Instrument :
BNA_F
ClientSampleId :
PB148379BS

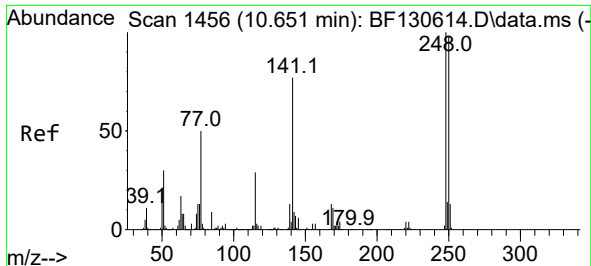
Tgt Ion:198 Resp: 95711
Ion Ratio Lower Upper
198 100
51 43.6 18.7 58.7
105 45.6 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 44.520 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:169 Resp: 493915
Ion Ratio Lower Upper
169 100
168 67.1 52.2 78.4
167 35.6 28.3 42.5

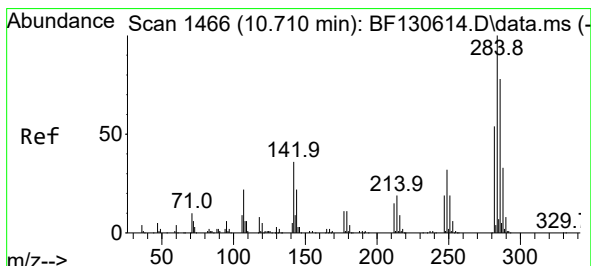
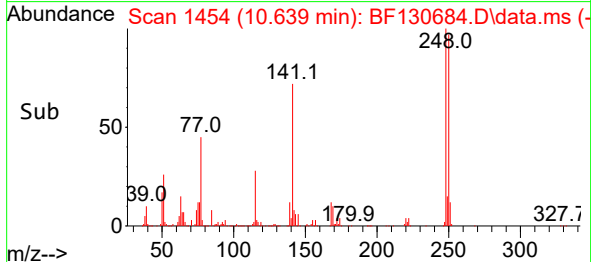
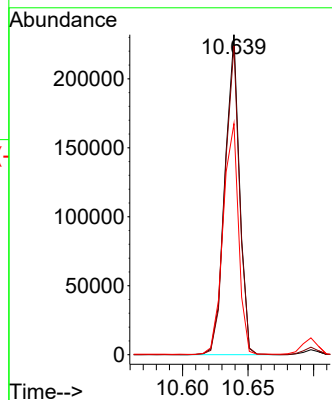
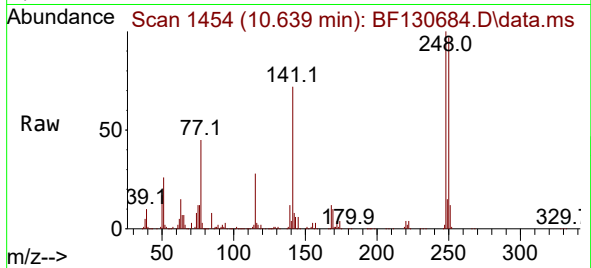




#67
4-Bromophenyl-phenylether
Concen: 47.566 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

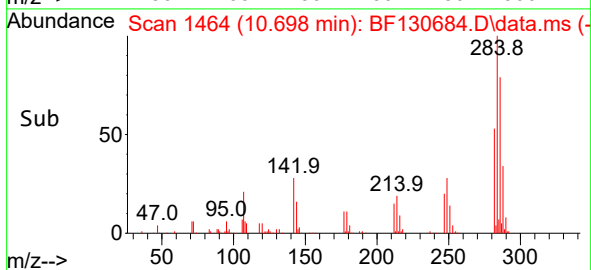
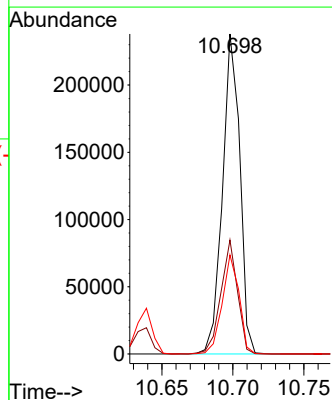
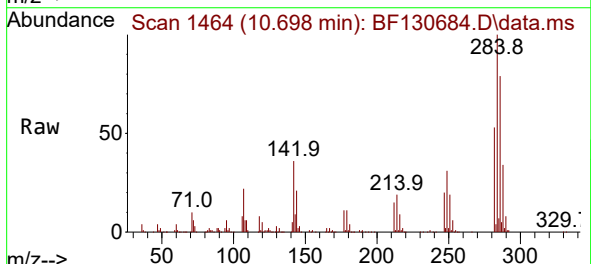
Instrument :
BNA_F
ClientSampleId :
PB148379BS

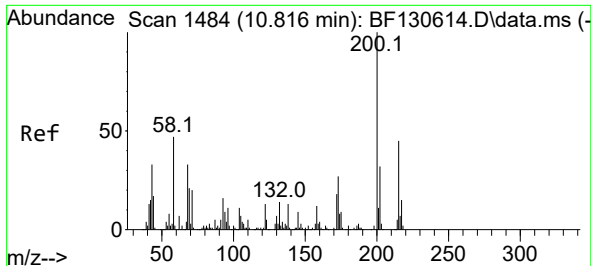
Tgt Ion:248 Resp: 179501
Ion Ratio Lower Upper
248 100
250 96.5 78.7 118.1
141 72.2 61.6 92.4



#68
Hexachlorobenzene
Concen: 47.174 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:284 Resp: 201242
Ion Ratio Lower Upper
284 100
142 35.6 28.6 42.8
249 30.9 25.2 37.8

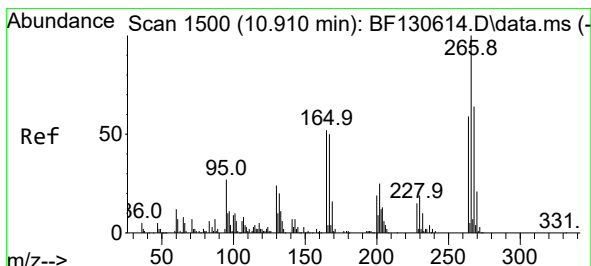
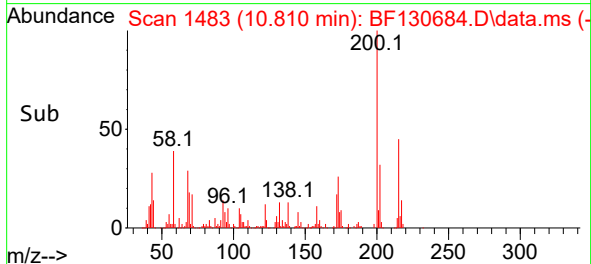
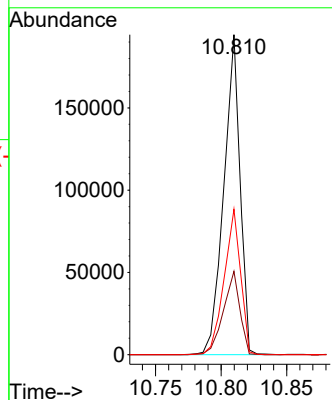
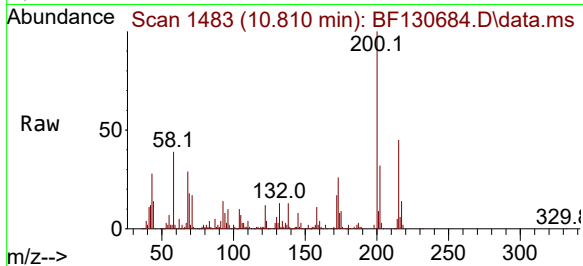




#69
Atrazine
Concen: 55.383 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

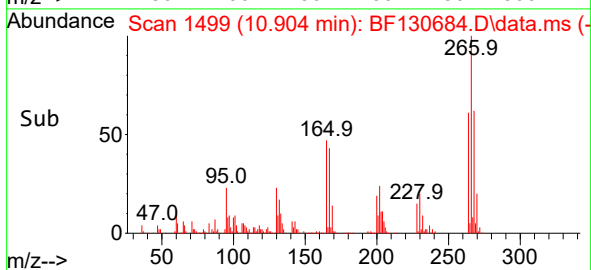
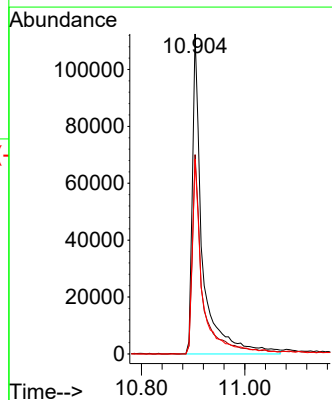
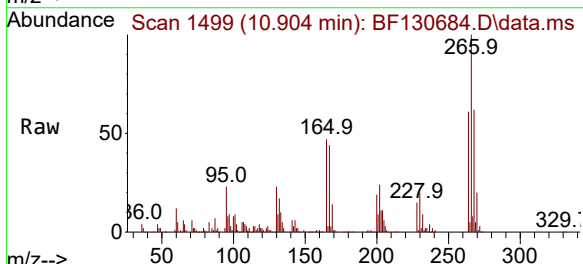
Instrument :
BNA_F
ClientSampleId :
PB148379BS

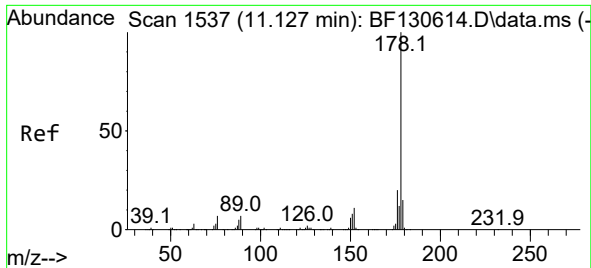
Tgt Ion:200 Resp: 167314
Ion Ratio Lower Upper
200 100
173 26.0 7.1 47.1
215 45.5 24.9 64.9



#70
Pentachlorophenol
Concen: 92.065 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:266 Resp: 152857
Ion Ratio Lower Upper
266 100
268 62.3 50.8 76.2
264 60.9 47.5 71.3

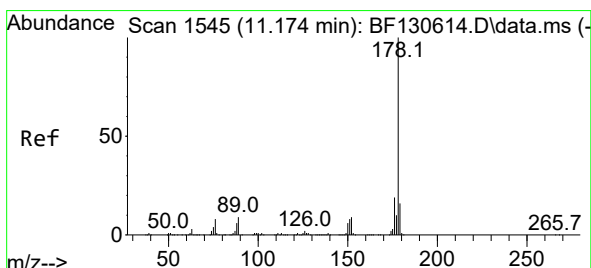
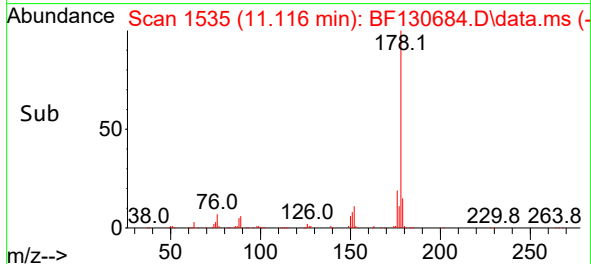
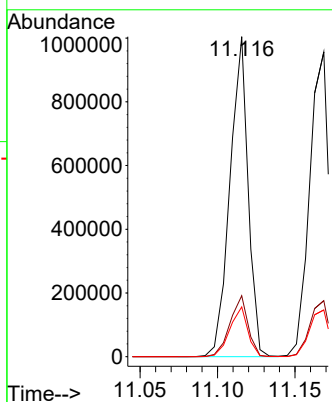
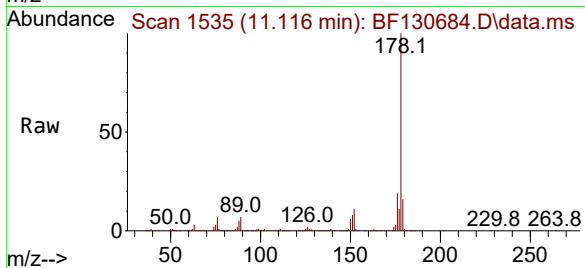




#71
Phenanthrene
Concen: 44.341 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

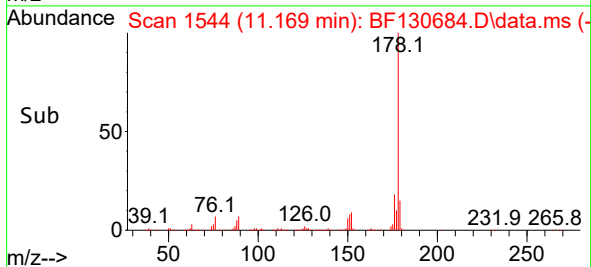
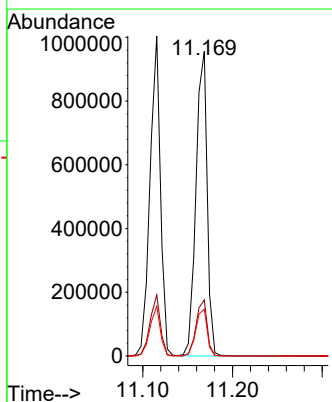
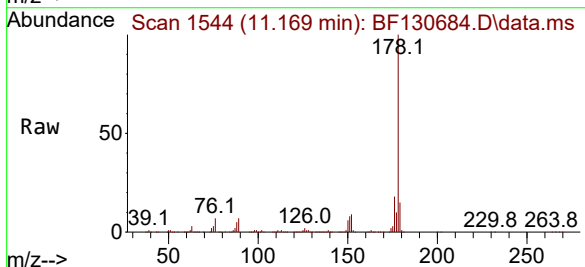
Instrument :
BNA_F
ClientSampleId :
PB148379BS

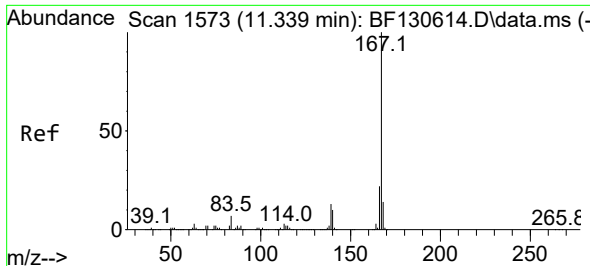
Tgt Ion:178 Resp: 819339
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.2 18.4



#72
Anthracene
Concen: 45.964 ng
RT: 11.169 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:178 Resp: 829502
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.4 12.5 18.7

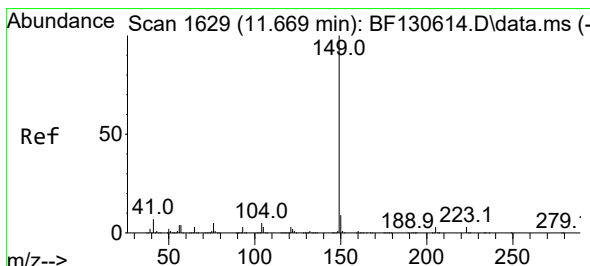
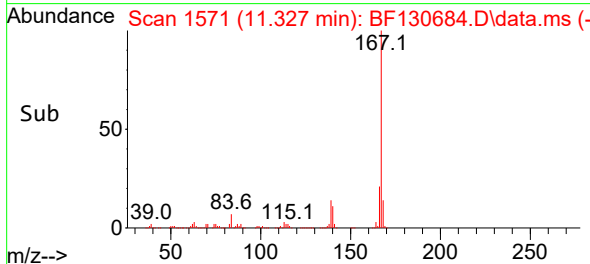
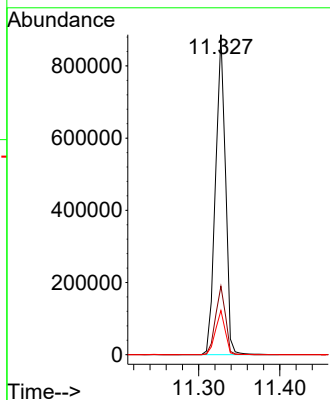
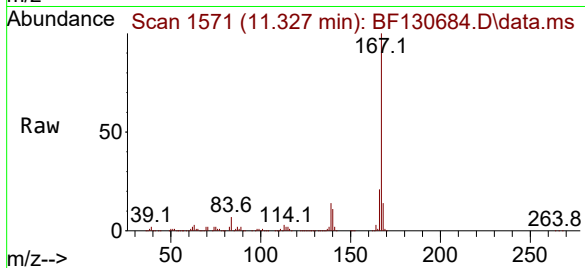




#73
Carbazole
Concen: 46.759 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

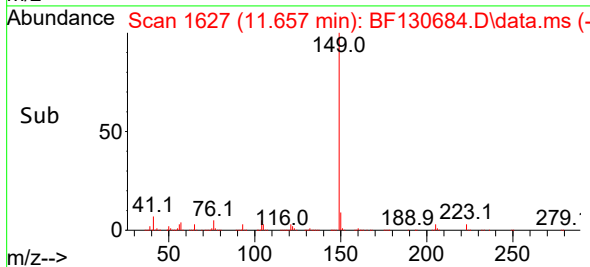
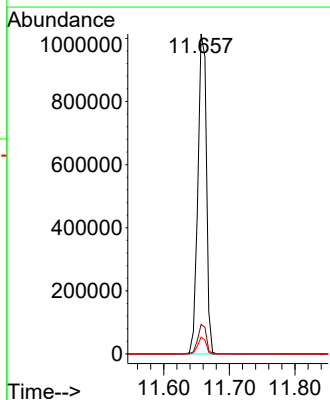
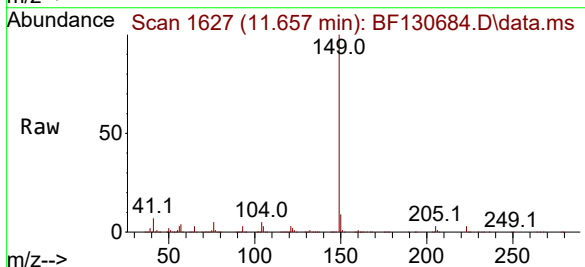
Instrument :
BNA_F
ClientSampleId :
PB148379BS

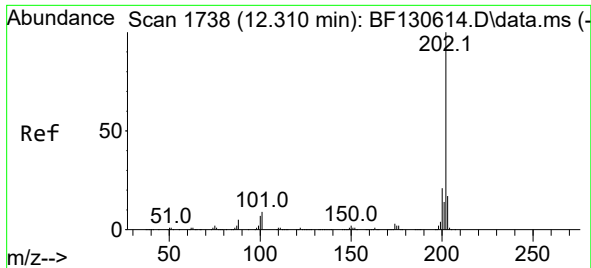
Tgt Ion:167 Resp: 752976
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 13.8 10.7 16.1



#74
Di-n-butylphthalate
Concen: 47.330 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:149 Resp: 923245
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.3 4.2 6.2

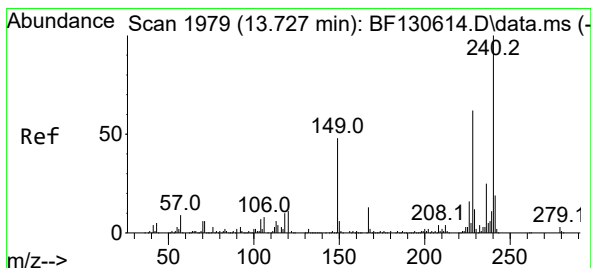
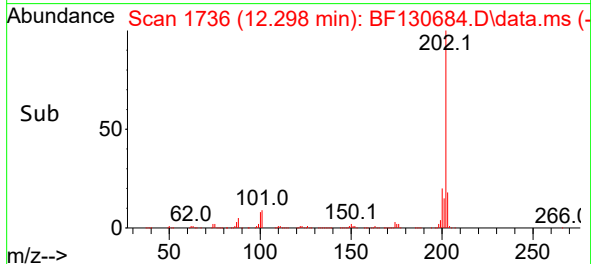
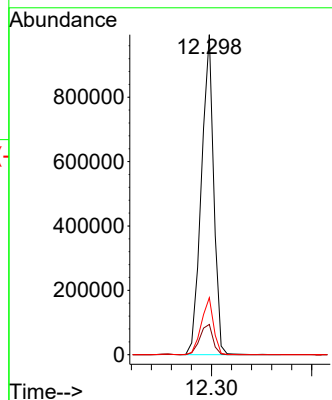
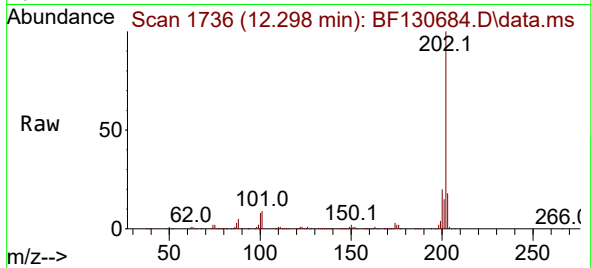




#75
Fluoranthene
Concen: 48.007 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

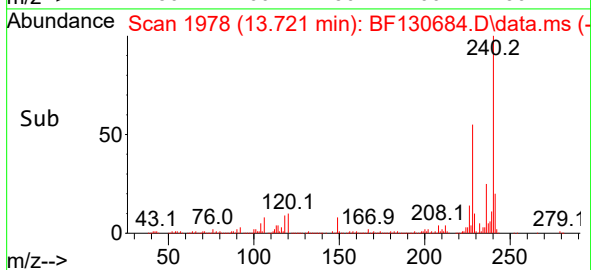
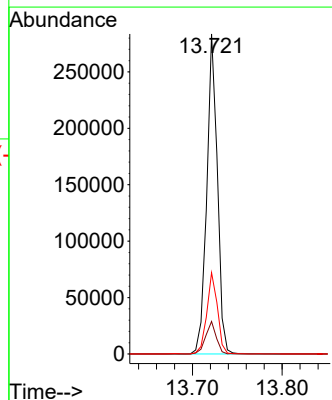
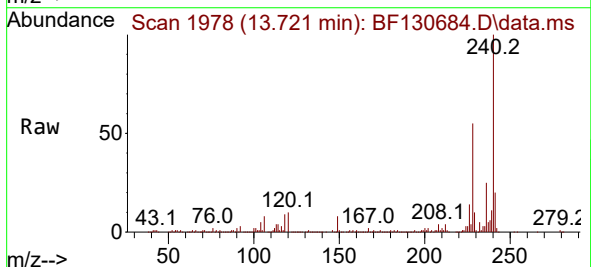
Instrument :
BNA_F
ClientSampleId :
PB148379BS

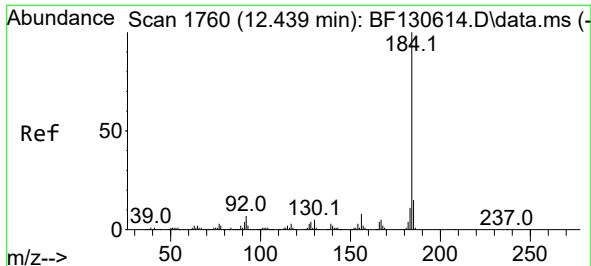
Tgt Ion:202 Resp: 852578
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.1
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:240 Resp: 232724
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.4 20.2 30.4

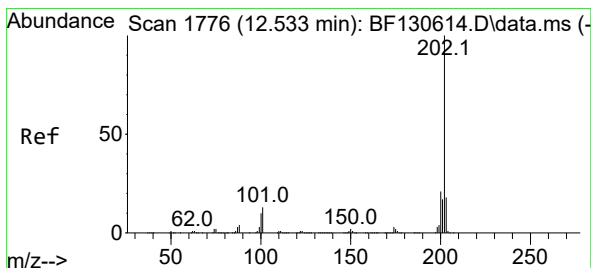
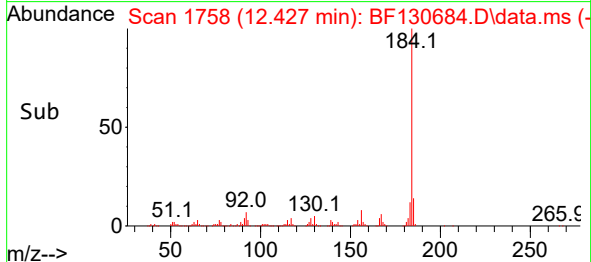
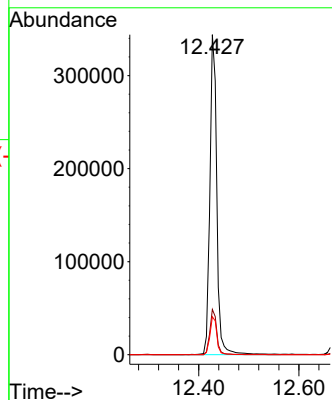
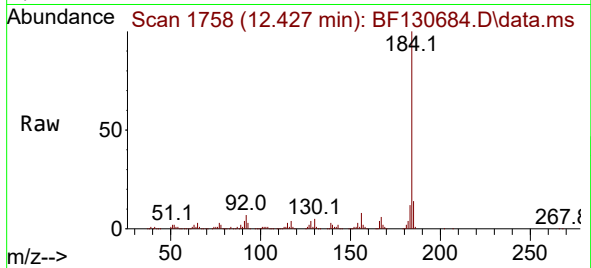




#77
Benzidine
Concen: 56.299 ng
RT: 12.427 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

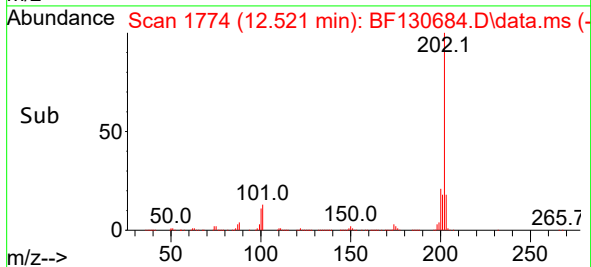
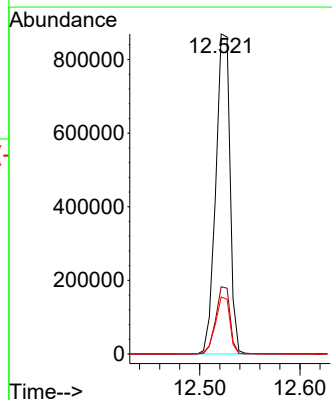
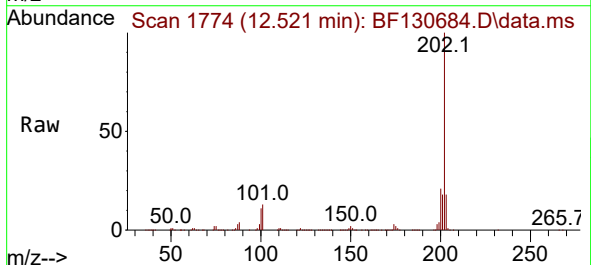
Instrument :
BNA_F
ClientSampleId :
PB148379BS

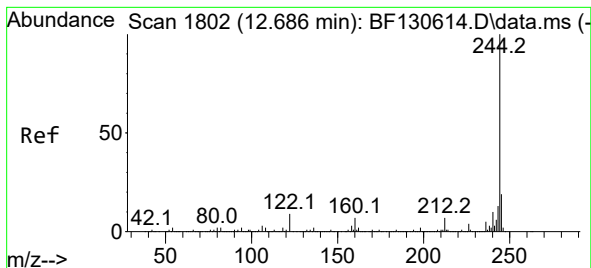
Tgt Ion:184 Resp: 331173
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.9 9.0 13.4



#78
Pyrene
Concen: 42.600 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:202 Resp: 855298
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 91.511 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

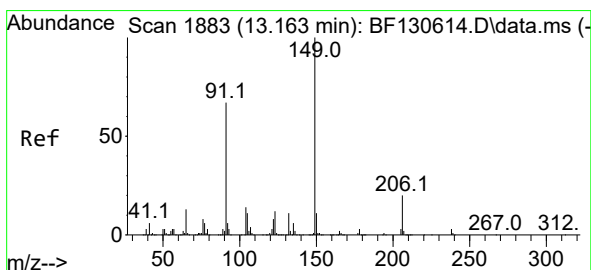
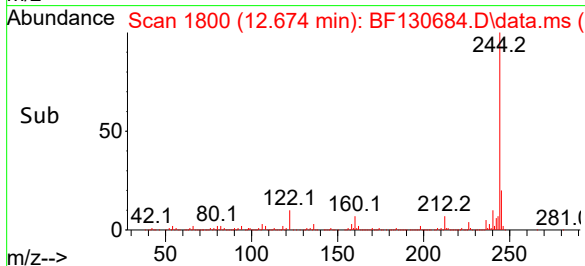
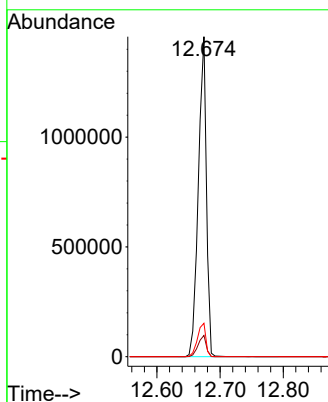
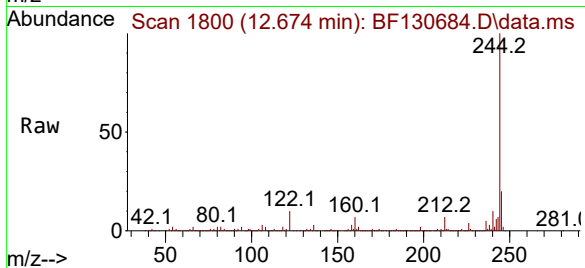
Tgt Ion:244 Resp: 1283154

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.5 7.5 11.3



#80

Butylbenzylphthalate

Concen: 47.446 ng

RT: 13.151 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

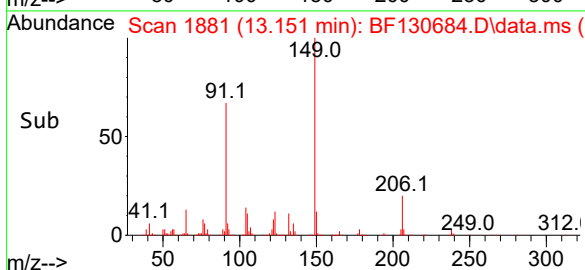
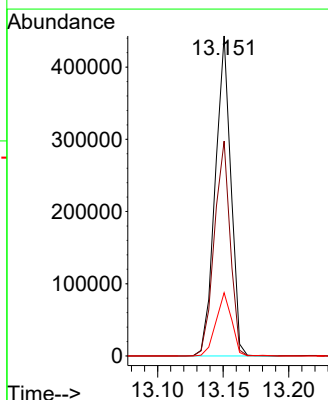
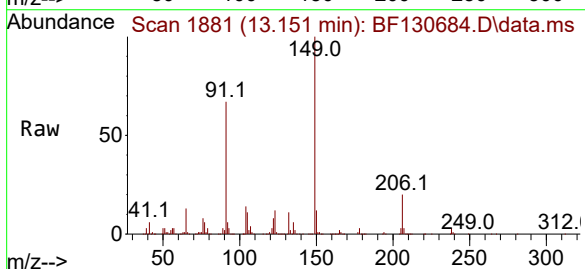
Tgt Ion:149 Resp: 366291

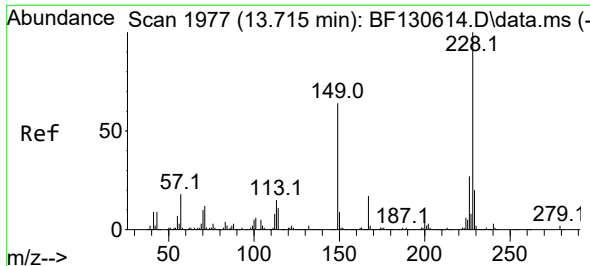
Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.8

206 19.8 15.8 23.6

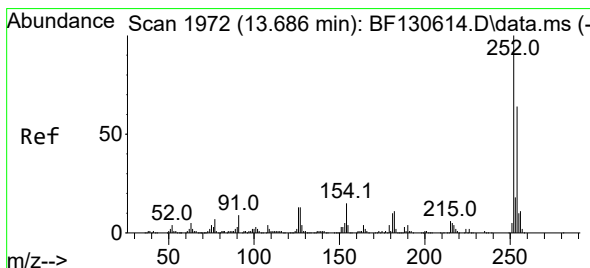
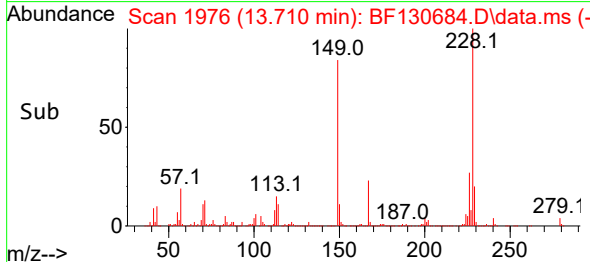
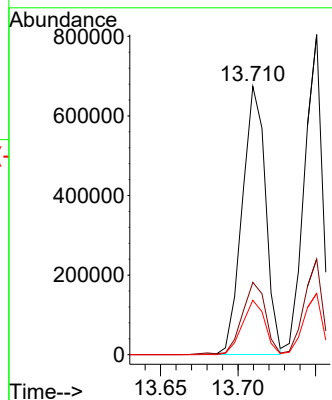
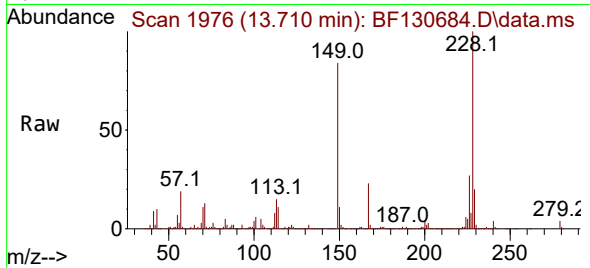




#81
Benzo(a)anthracene
Concen: 45.053 ng
RT: 13.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

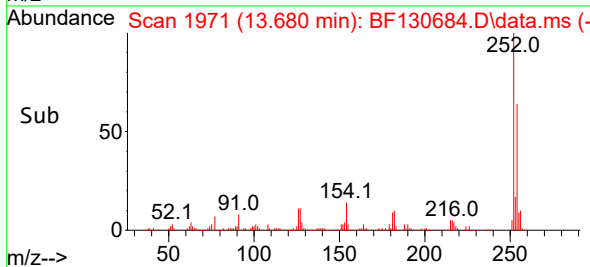
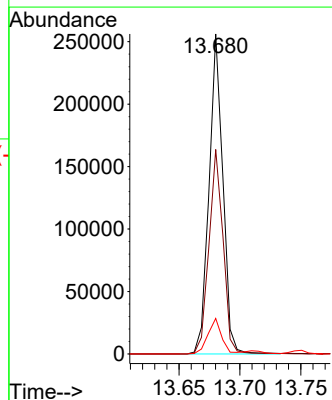
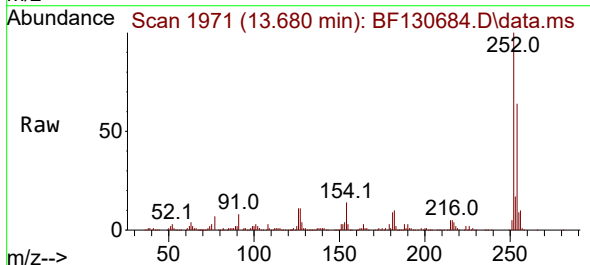
Instrument :
BNA_F
ClientSampleId :
PB148379BS

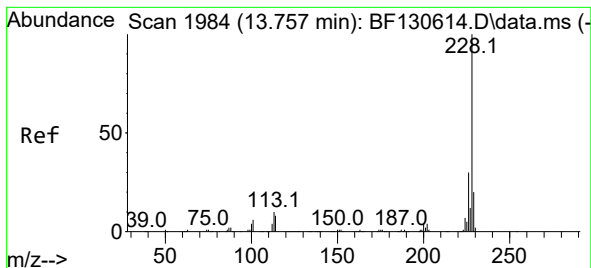
Tgt Ion:228 Resp: 706492
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 20.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.565 ng
RT: 13.680 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:252 Resp: 201944
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 11.1 10.2 15.4





#83

Chrysene

Concen: 43.851 ng

RT: 13.751 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

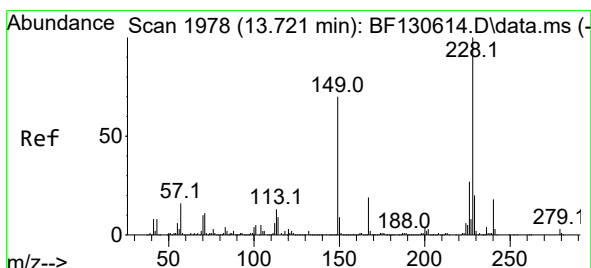
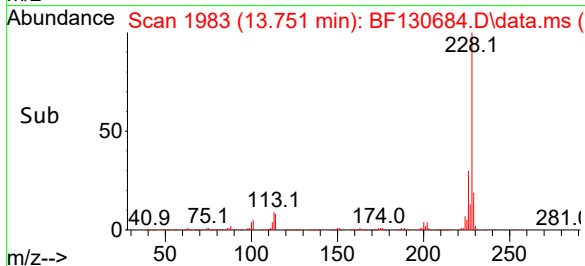
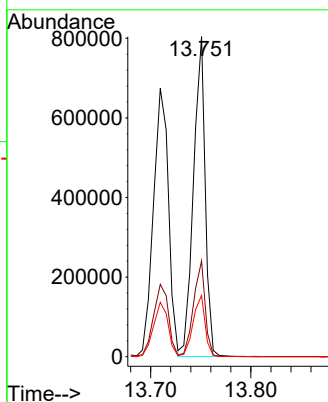
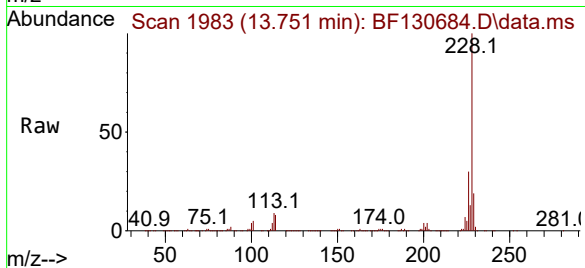
Tgt Ion:228 Resp: 651967

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.071 ng

RT: 13.710 min Scan# 1976

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

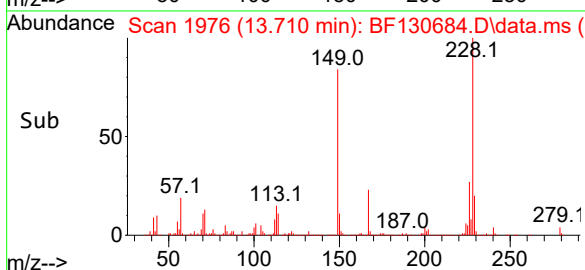
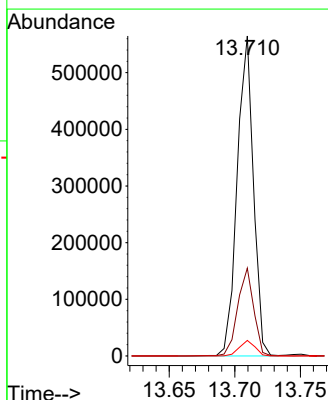
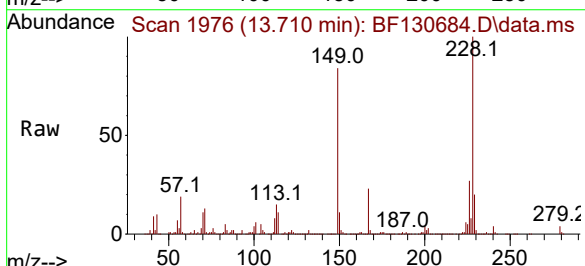
Tgt Ion:149 Resp: 487357

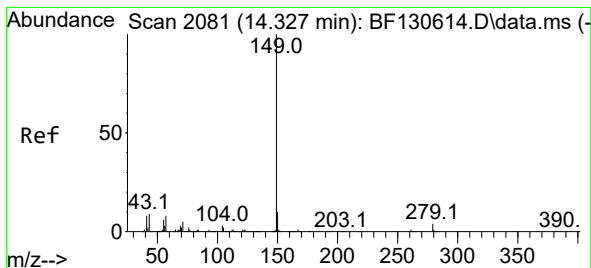
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.662 ng

RT: 14.321 min Scan# 2081

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

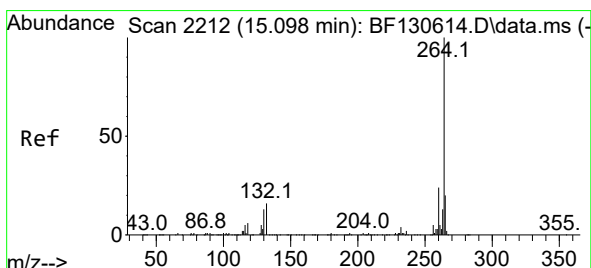
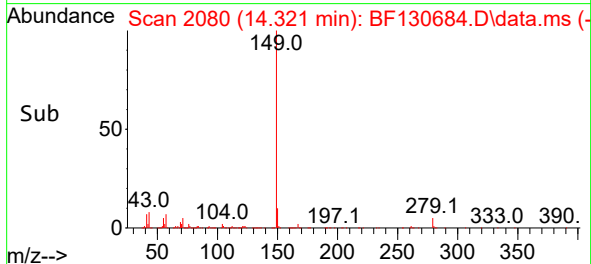
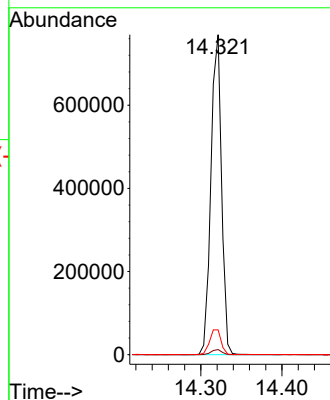
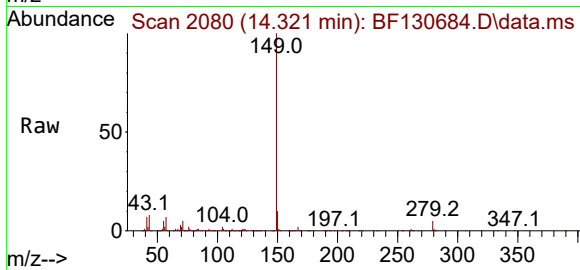
Tgt Ion:149 Resp: 697526

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

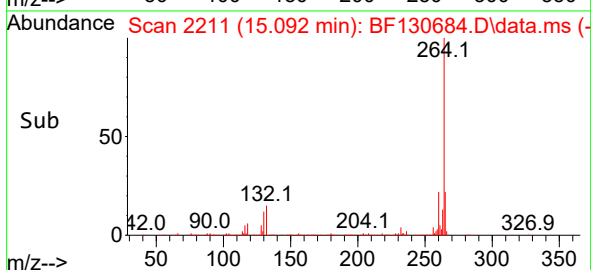
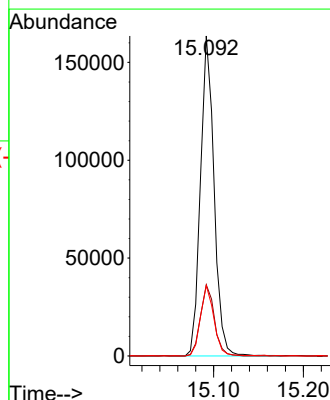
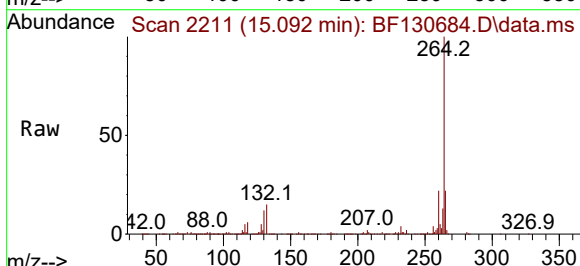
Tgt Ion:264 Resp: 172070

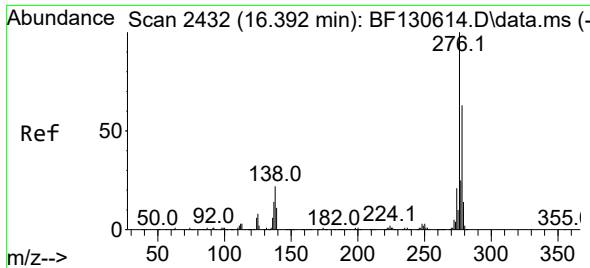
Ion Ratio Lower Upper

264 100

260 22.3 19.1 28.7

265 22.0 16.4 24.6

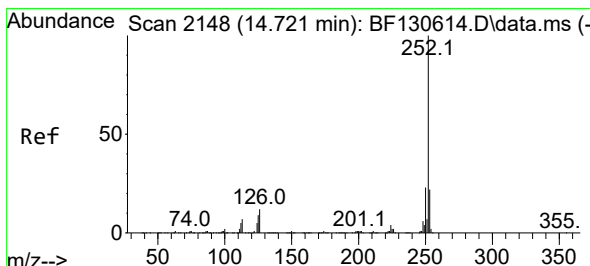
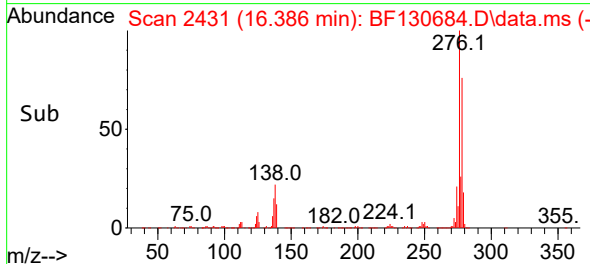
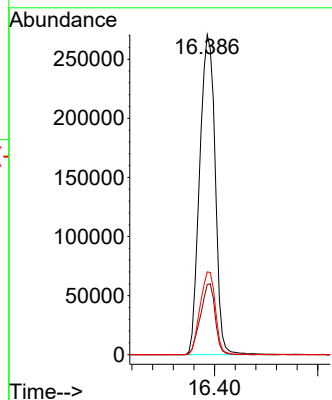
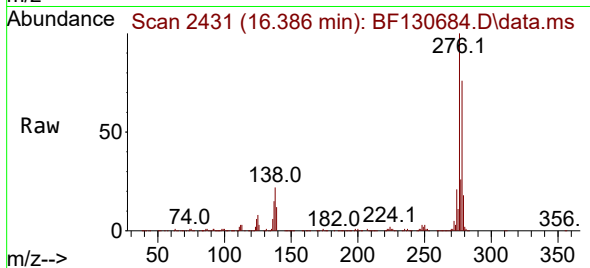




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.695 ng
RT: 16.386 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

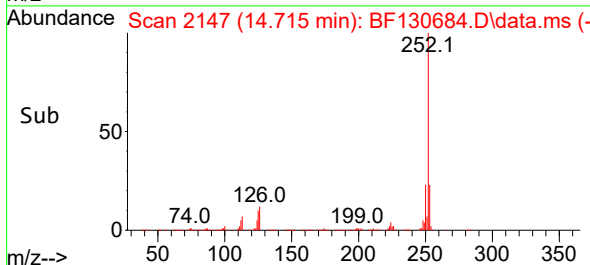
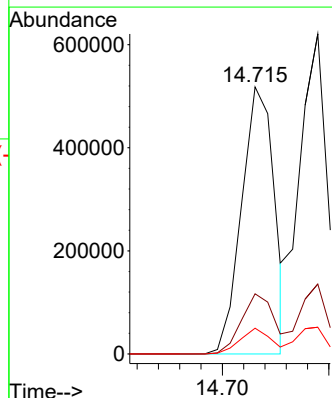
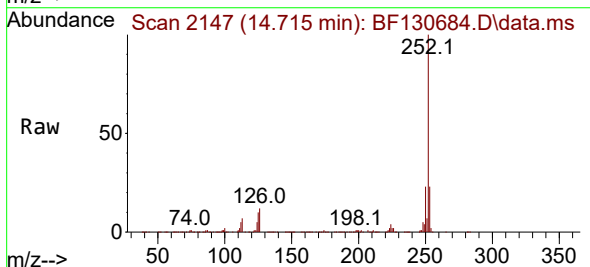
Instrument :
BNA_F
ClientSampleId :
PB148379BS

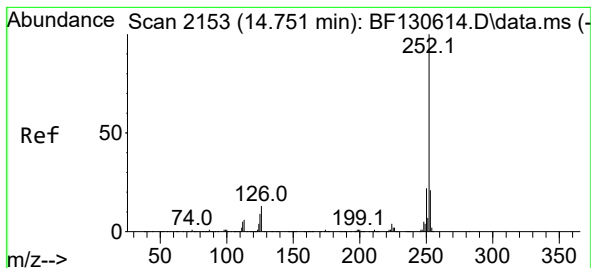
Tgt Ion:276 Resp: 562740
Ion Ratio Lower Upper
276 100
138 21.1 18.0 27.0
277 25.6 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 50.822 ng
RT: 14.715 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:252 Resp: 553745
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.954 ng

RT: 14.745 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

Instrument :

BNA_F

ClientSampleId :

PB148379BS

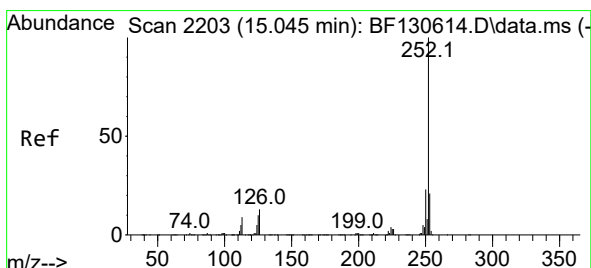
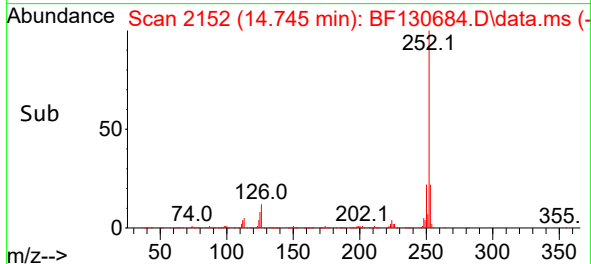
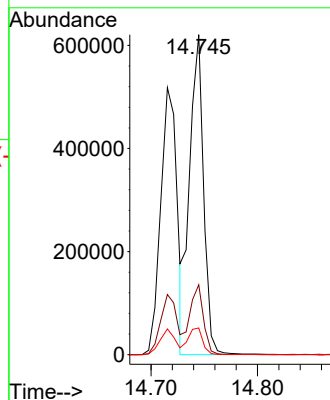
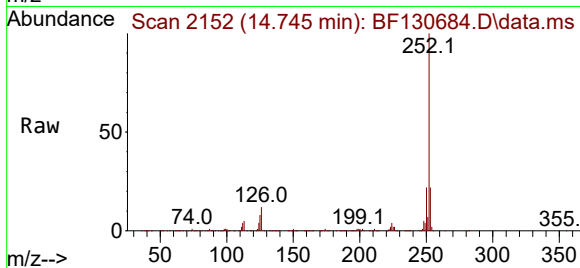
Tgt Ion:252 Resp: 565305

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 8.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 51.334 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF130684.D

Acq: 17 Oct 2022 13:44

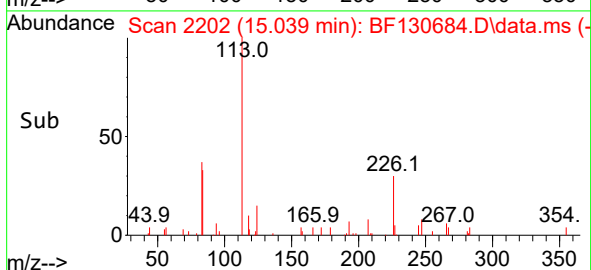
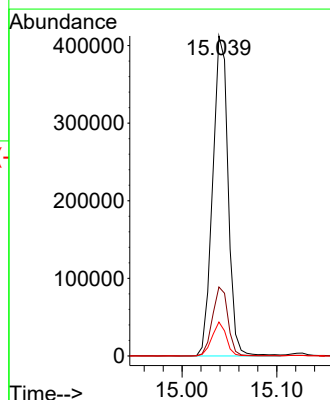
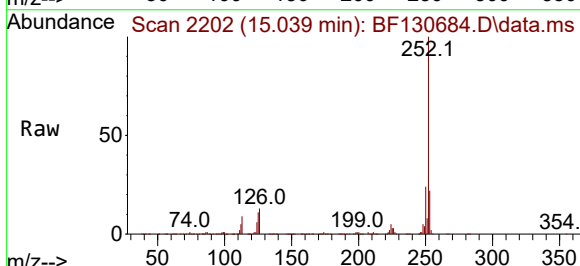
Tgt Ion:252 Resp: 465515

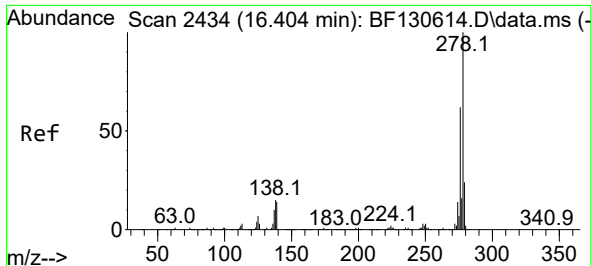
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 10.6 8.4 12.6

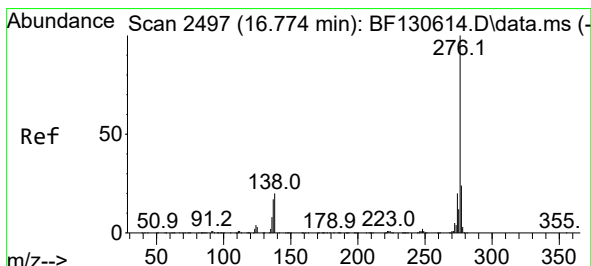
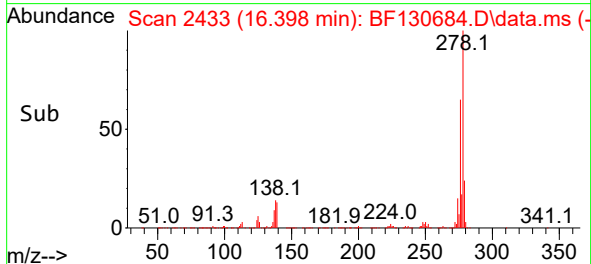
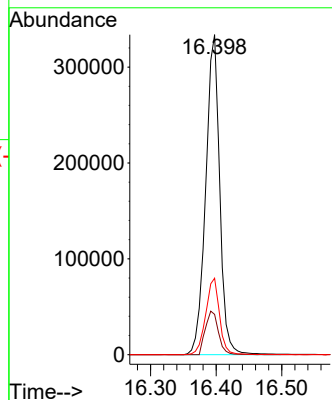
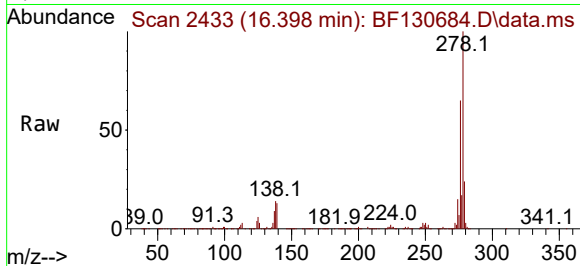




#91
Dibenzo(a,h)anthracene
Concen: 47.148 ng
RT: 16.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Instrument :
BNA_F
ClientSampleId :
PB148379BS

Tgt Ion:278 Resp: 497722
Ion Ratio Lower Upper
278 100
139 12.6 11.1 16.7
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.840 ng
RT: 16.774 min Scan# 2497
Delta R.T. 0.006 min
Lab File: BF130684.D
Acq: 17 Oct 2022 13:44

Tgt Ion:276 Resp: 490048
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 17.0 15.9 23.9

