

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134703.D
 Acq On : 10 Aug 2023 11:07
 Operator : CG\JU
 Sample : PB154717BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154717BS

Quant Time: Aug 11 03:51:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	174109	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	703457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	357784	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	671300	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	416910	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	377976	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1436920	125.454	ng	0.02
7) Phenol-d6	6.451	99	1796799	122.720	ng	0.01
23) Nitrobenzene-d5	7.369	82	1158340	102.903	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	564614	154.805	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2004948	93.174	ng	0.00
79) Terphenyl-d14	12.927	244	2449789	103.587	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	214959	40.790	ng	# 95
3) Pyridine	3.446	79	564605	39.538	ng	90
4) n-Nitrosodimethylamine	3.393	42	295108	43.251	ng	# 59
6) Aniline	6.469	93	664281	34.590	ng	# 83
8) 2-Chlorophenol	6.593	128	627051	54.271	ng	94
9) Benzaldehyde	6.357	77	313643	48.169	ng	97
10) Phenol	6.463	94	698595	48.418	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	589239	51.408	ng	93
12) 1,3-Dichlorobenzene	6.745	146	635032	53.122	ng	94
13) 1,4-Dichlorobenzene	6.822	146	639361	53.366	ng	97
14) 1,2-Dichlorobenzene	6.969	146	616346	55.213	ng	96
15) Benzyl Alcohol	6.951	79	517647	51.248	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	900639	50.155	ng	91
17) 2-Methylphenol	7.063	107	479917	47.005	ng	94
18) Hexachloroethane	7.310	117	233374	55.500	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	398606	45.471	ng	93
20) 3+4-Methylphenols	7.216	107	541234	43.956	ng	# 85
22) Acetophenone	7.216	105	761417	46.886	ng	# 93
24) Nitrobenzene	7.387	77	627630	51.610	ng	95
25) Isophorone	7.628	82	1183350	48.198	ng	99
26) 2-Nitrophenol	7.698	139	335420	63.138	ng	# 89
27) 2,4-Dimethylphenol	7.739	122	500917	45.726	ng	87
28) bis(2-Chloroethoxy)met...	7.834	93	723158	49.238	ng	99
29) 2,4-Dichlorophenol	7.945	162	499998	50.288	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	560179	52.834	ng	98
31) Naphthalene	8.104	128	1711878	48.420	ng	99
32) Benzoic acid	7.881	122	424591	57.545	ng	93
33) 4-Chloroaniline	8.151	127	381217	24.200	ng	99
34) Hexachlorobutadiene	8.216	225	322732	52.770	ng	96
35) Caprolactam	8.545	113	107607	33.545	ng	94
36) 4-Chloro-3-methylphenol	8.645	107	542895	51.558	ng	91
37) 2-Methylnaphthalene	8.798	142	1099466	46.917	ng	99
38) 1-Methylnaphthalene	8.892	142	1062954	48.779	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	539005	51.807	ng	98
41) Hexachlorocyclopentadiene	8.945	237	541346	106.999	ng	94
43) 2,4,6-Trichlorophenol	9.075	196	368911	54.180	ng	98

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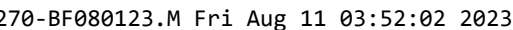
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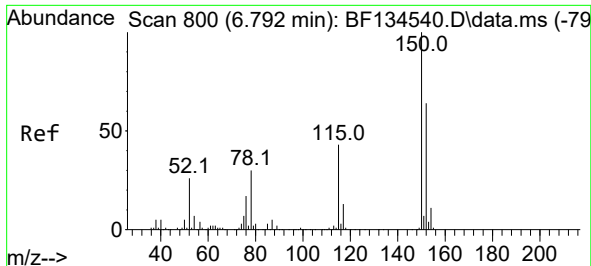
Quant Time: Aug 11 03:51:57 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	396054	50.893	ng	95
46) 1,1'-Biphenyl	9.263	154	1382019	49.673	ng	99
47) 2-Chloronaphthalene	9.286	162	1056153	50.662	ng	98
48) 2-Nitroaniline	9.386	65	348447	53.242	ng	90
49) Acenaphthylene	9.704	152	1636846	49.950	ng	99
50) Dimethylphthalate	9.569	163	1259020	51.630	ng	98
51) 2,6-Dinitrotoluene	9.633	165	291870	57.875	ng	# 71
52) Acenaphthene	9.875	154	981930	46.238	ng	99
53) 3-Nitroaniline	9.798	138	231635	42.617	ng	96
54) 2,4-Dinitrophenol	9.910	184	310005	126.001	ng	88
55) Dibenzofuran	10.051	168	1453419	48.077	ng	93
56) 4-Nitrophenol	9.975	139	480388	108.064	ng	# 65
57) 2,4-Dinitrotoluene	10.039	165	360919	59.105	ng	# 86
58) Fluorene	10.392	166	1072602	48.711	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	345778	56.162	ng	96
60) Diethylphthalate	10.269	149	1186176	51.318	ng	96
61) 4-Chlorophenyl-phenyle...	10.381	204	550579	50.870	ng	96
62) 4-Nitroaniline	10.422	138	312700	58.696	ng	# 84
63) Azobenzene	10.545	77	1185800	47.749	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	207579	71.339	ng	89
66) n-Nitrosodiphenylamine	10.510	169	1033209	48.355	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	382588	52.063	ng	96
68) Hexachlorobenzene	10.939	284	424359	54.685	ng	# 92
69) Atrazine	11.039	200	368488	63.983	ng	99
70) Pentachlorophenol	11.133	266	423915	88.229	ng	97
71) Phenanthrene	11.357	178	1729476	48.503	ng	99
72) Anthracene	11.410	178	1750917	48.074	ng	98
73) Carbazole	11.563	167	1584664	48.729	ng	99
74) Di-n-butylphthalate	11.898	149	1889530	54.692	ng	99
75) Fluoranthene	12.545	202	1837847	48.795	ng	96
77) Benzidine	12.674	184	699859	77.330	ng	99
78) Pyrene	12.774	202	1854894	51.417	ng	97
80) Butylbenzylphthalate	13.404	149	745354	61.100	ng	# 95
81) Benzo(a)anthracene	13.969	228	1386175	46.499	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	377692	43.709	ng	# 97
83) Chrysene	14.010	228	1400855	48.232	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	773474	53.879	ng	# 97
85) Di-n-octyl phthalate	14.580	149	1353057	61.980	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	1437711	64.675	ng	# 92
88) Benzo(b)fluoranthene	15.021	252	1205836	52.309	ng	# 97
89) Benzo(k)fluoranthene	15.051	252	1186995	51.689	ng	# 98
90) Benzo(a)pyrene	15.392	252	1060735	49.351	ng	# 97
91) Dibenzo(a,h)anthracene	16.974	278	1175837	65.451	ng	# 95
92) Benzo(g,h,i)perylene	17.409	276	1163568	63.494	ng	# 94

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

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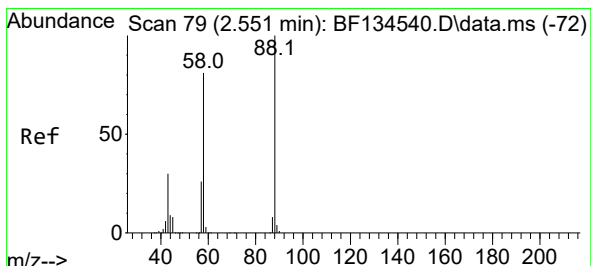
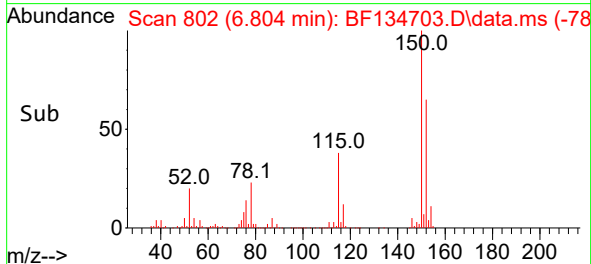
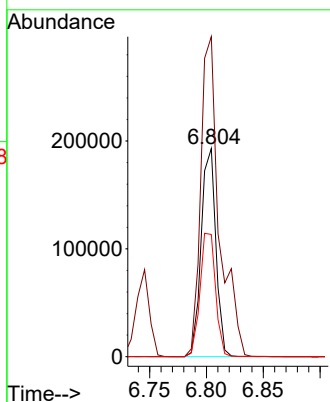
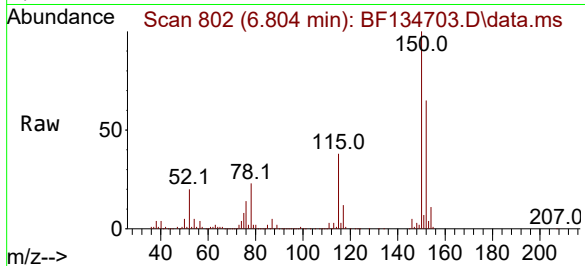




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

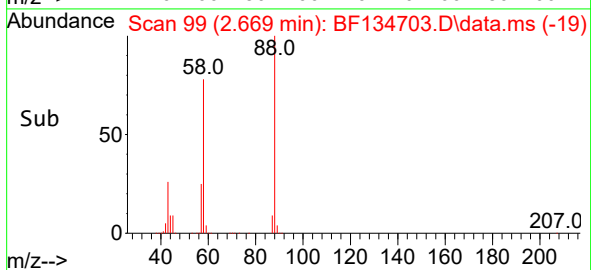
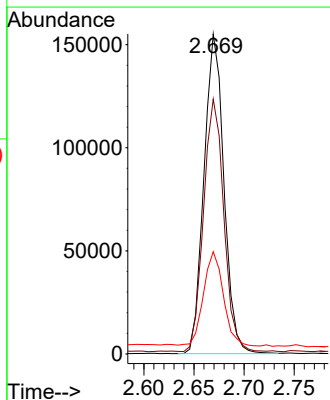
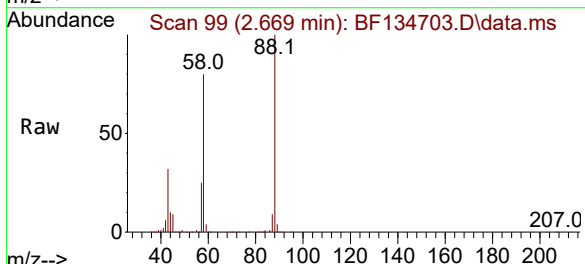
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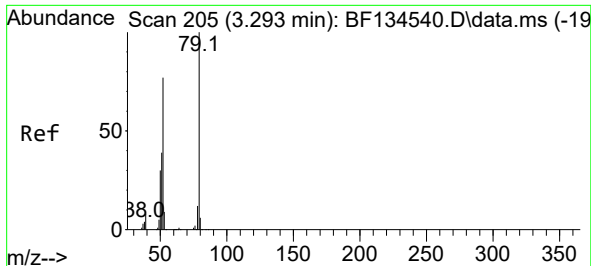
Tgt Ion:152 Resp: 174109
 Ion Ratio Lower Upper
 152 100
 150 153.8 128.3 192.5
 115 58.8 52.4 78.6



#2
 1,4-Dioxane
 Concen: 40.790 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.118 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

Tgt Ion: 88 Resp: 214959
 Ion Ratio Lower Upper
 88 100
 58 80.5 65.1 97.7
 43 29.5 30.3 45.5#

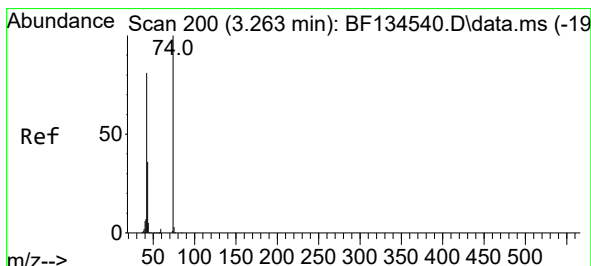
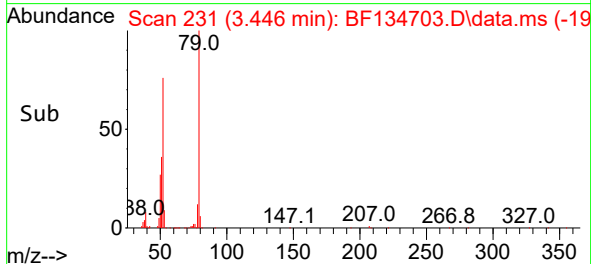
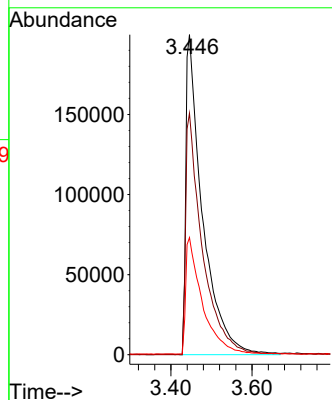
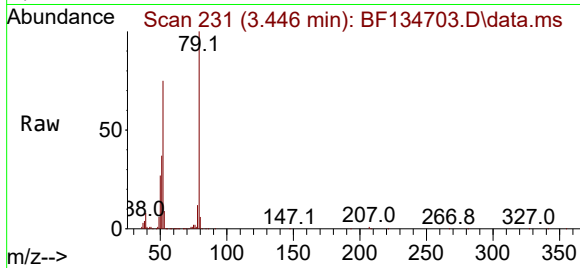




#3
Pyridine
Concen: 39.538 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.141 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

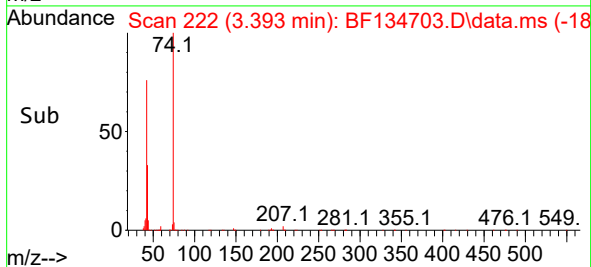
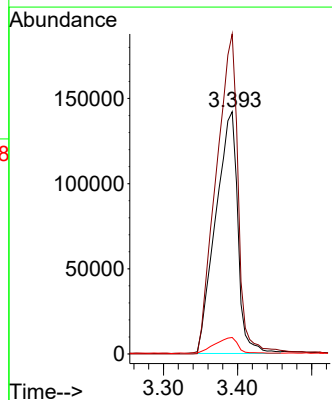
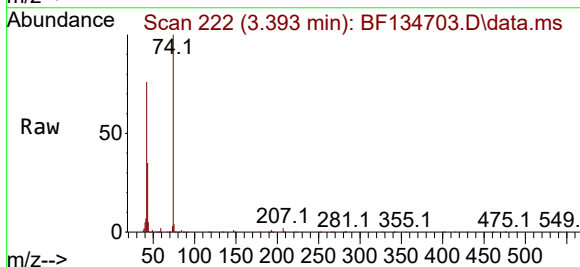
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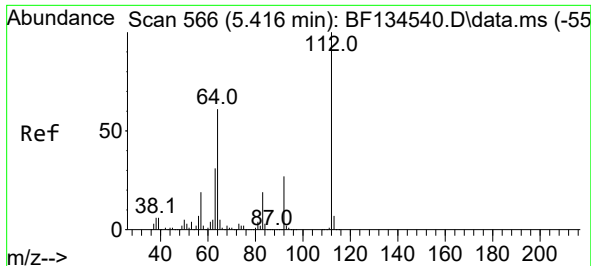
Tgt Ion: 79 Resp: 564605
Ion Ratio Lower Upper
79 100
52 75.4 66.6 100.0
51 36.6 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 43.251 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.112 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 42 Resp: 295108
Ion Ratio Lower Upper
42 100
74 132.1 72.2 108.4#
44 6.8 5.4 8.0

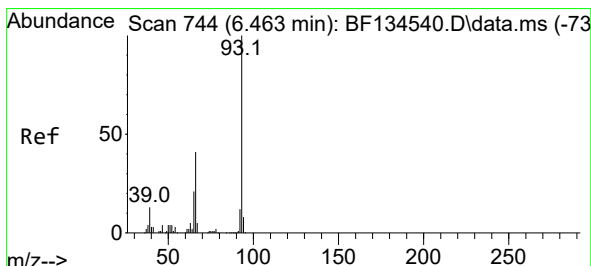
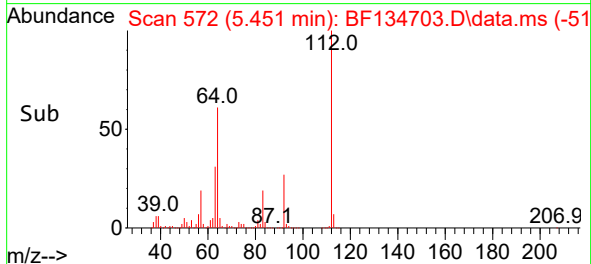
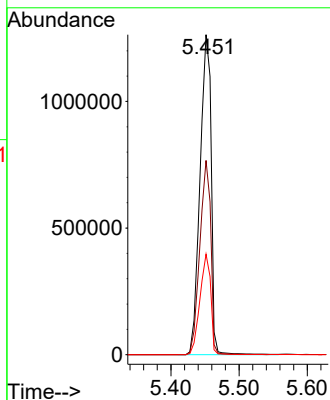
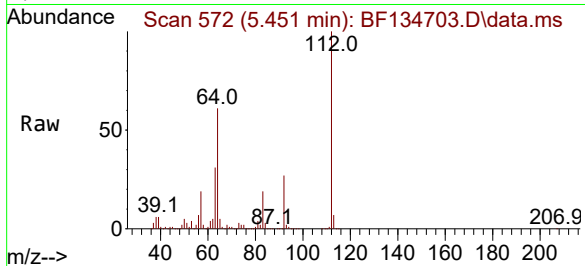




#5
2-Fluorophenol
Concen: 125.454 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

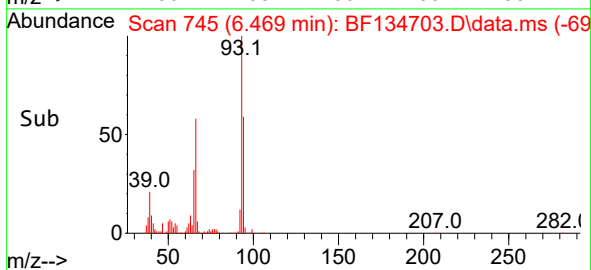
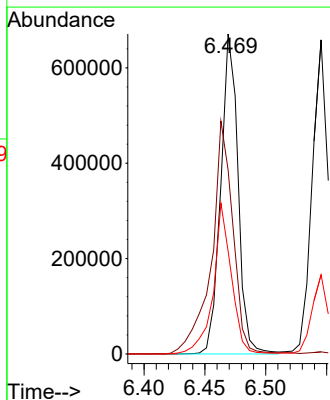
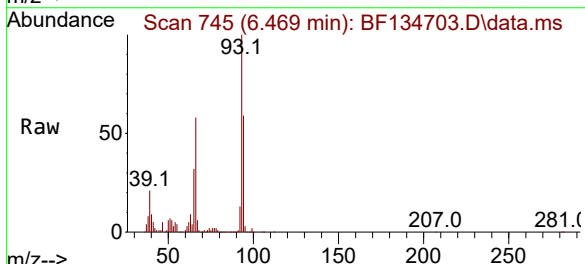
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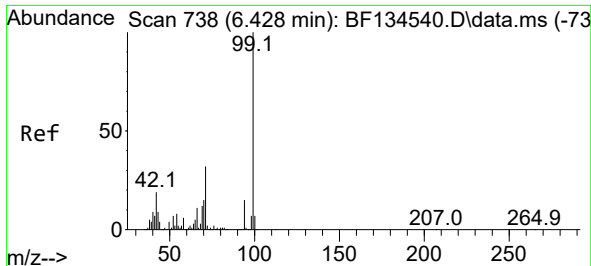
Tgt Ion:112 Resp: 1436920
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.4 25.4 38.0



#6
Aniline
Concen: 34.590 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 93 Resp: 664281
Ion Ratio Lower Upper
93 100
66 57.5 36.8 55.2#
65 32.1 19.4 29.0#

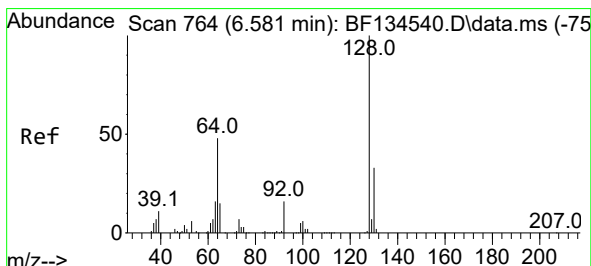
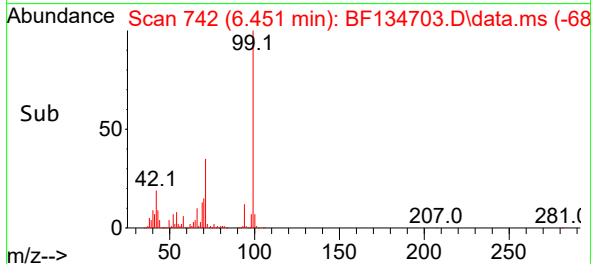
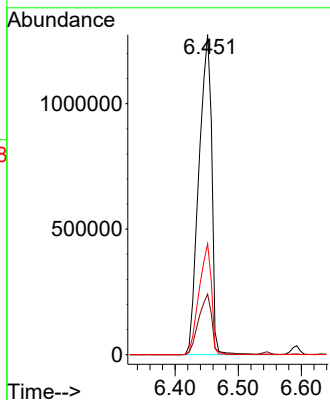
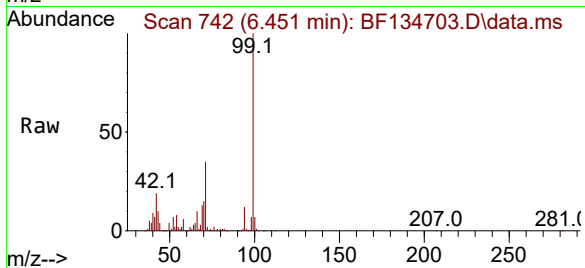




#7
Phenol-d6
Concen: 122.720 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

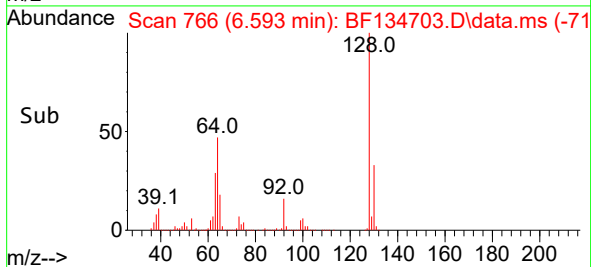
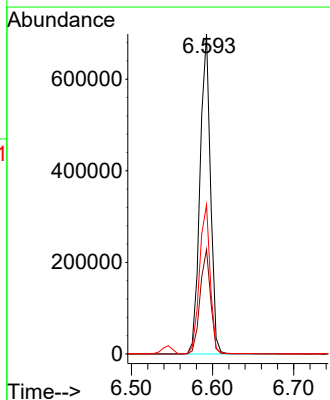
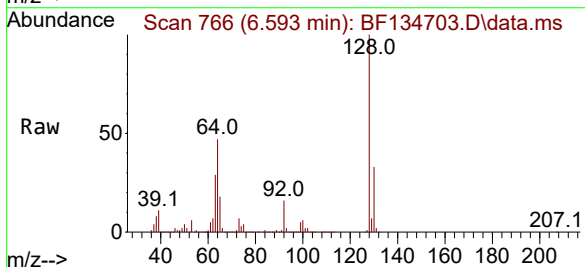
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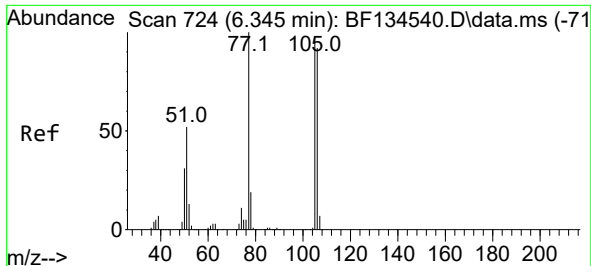
Tgt Ion: 99 Resp: 1796799
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.7 36.4 54.6#



#8
2-Chlorophenol
Concen: 54.271 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 128 Resp: 627051
Ion Ratio Lower Upper
128 100
130 32.6 11.1 51.1
64 46.6 31.9 71.9

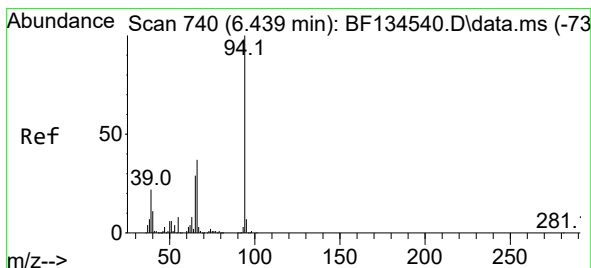
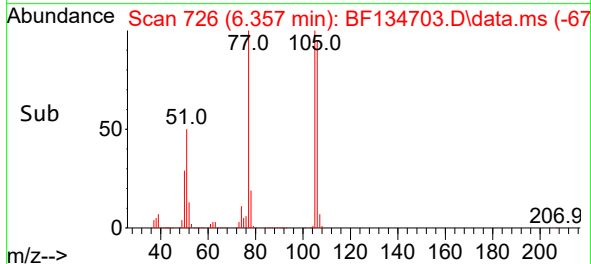
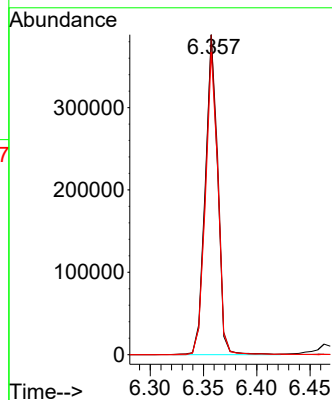
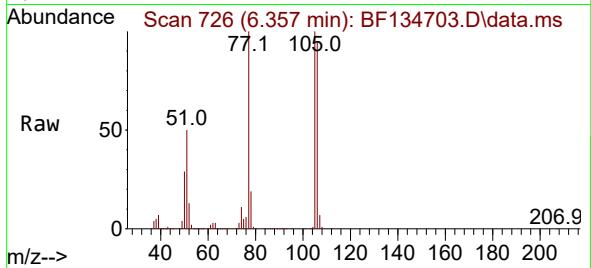




#9
Benzaldehyde
Concen: 48.169 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

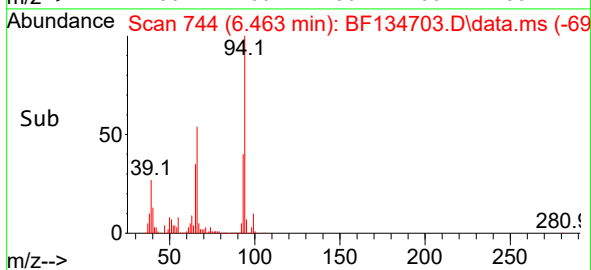
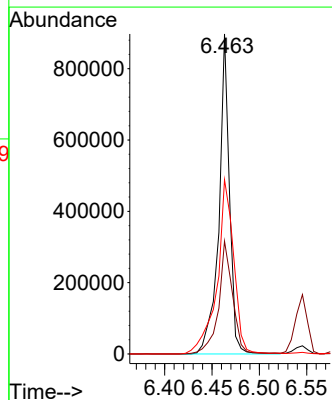
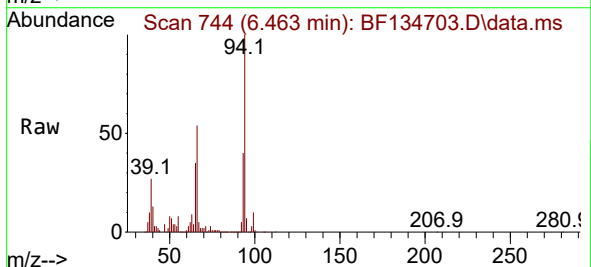
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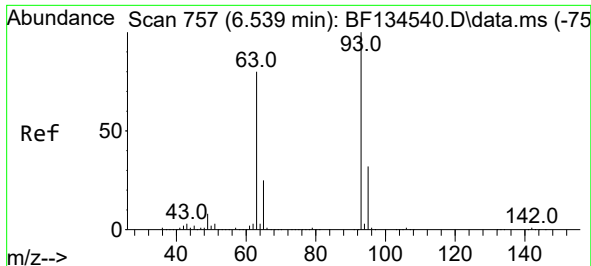
Tgt Ion: 77 Resp: 313643
Ion Ratio Lower Upper
77 100
105 99.9 77.1 117.1
106 94.5 71.4 111.4



#10
Phenol
Concen: 48.418 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 94 Resp: 698595
Ion Ratio Lower Upper
94 100
65 35.3 17.8 57.8
66 54.5 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 51.408 ng

RT: 6.545 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

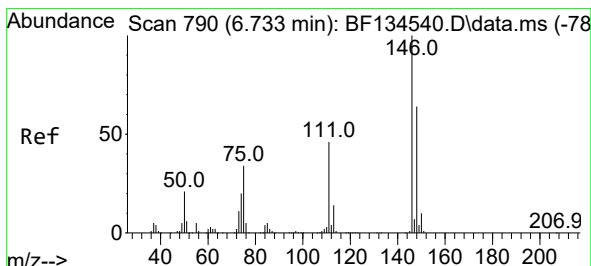
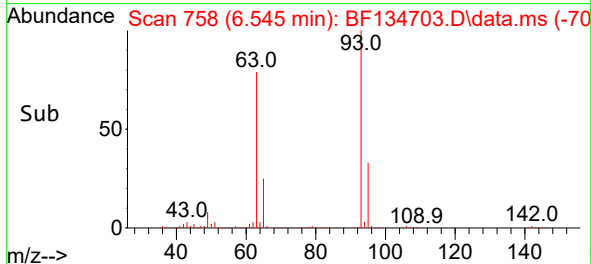
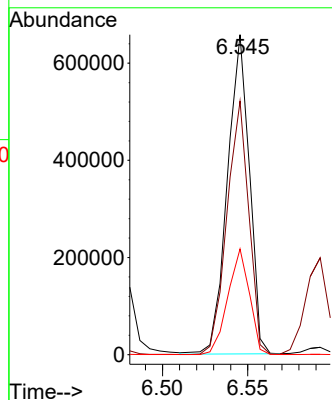
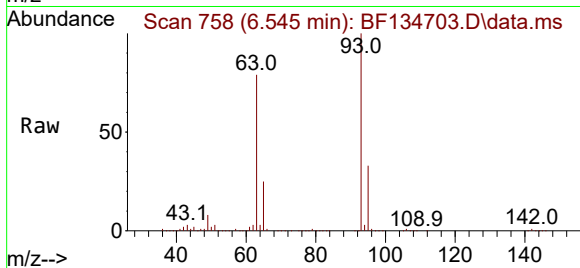
Tgt Ion: 93 Resp: 589239

Ion Ratio Lower Upper

93 100

63 79.3 68.4 108.4

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 53.122 ng

RT: 6.745 min Scan# 792

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

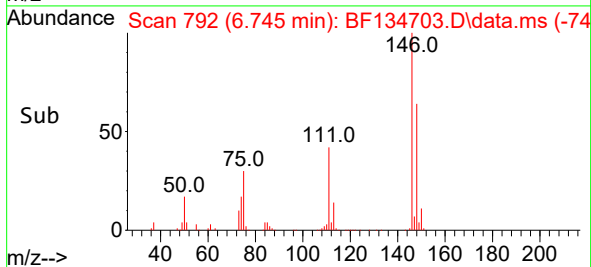
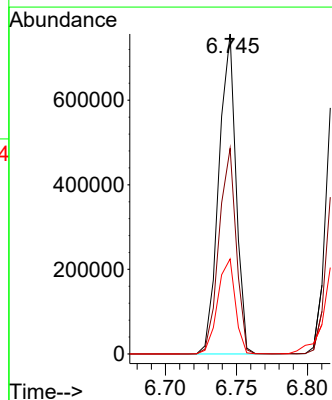
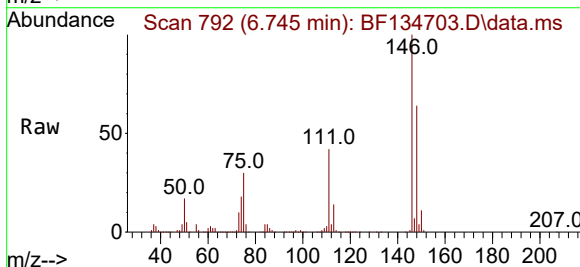
Tgt Ion:146 Resp: 635032

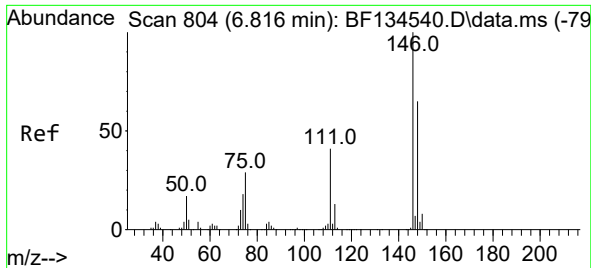
Ion Ratio Lower Upper

146 100

148 64.3 49.7 74.5

75 29.7 29.5 44.3

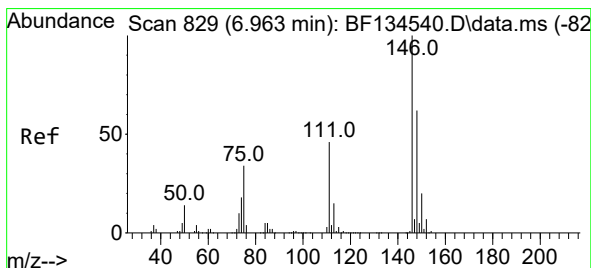
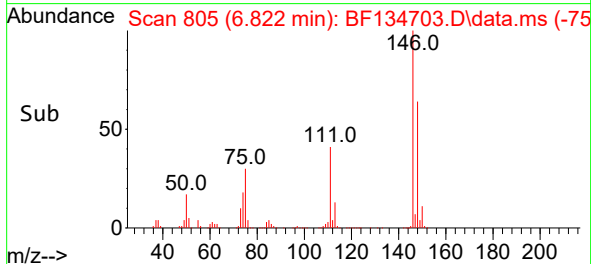
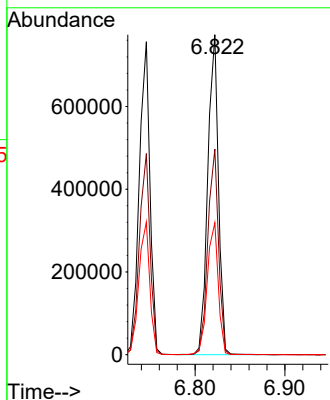
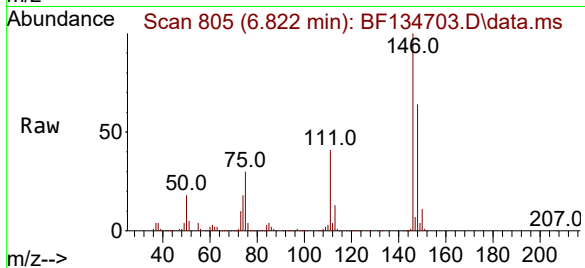




#13
1,4-Dichlorobenzene
Concen: 53.366 ng
RT: 6.822 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

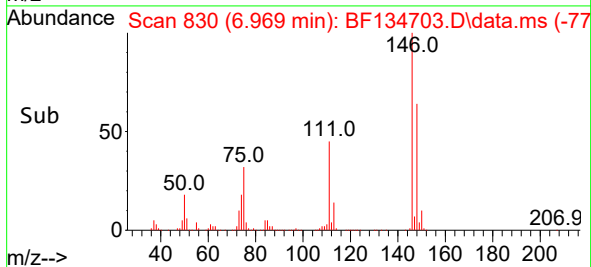
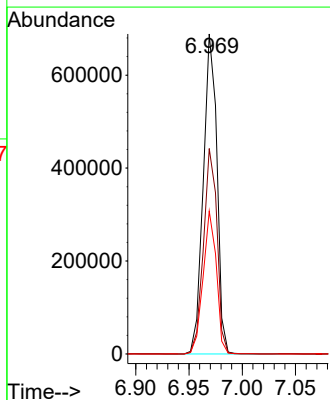
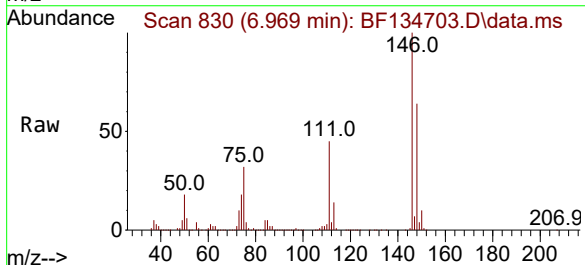
Instrument :
BNA_F
ClientSampleId :
PB154717BS

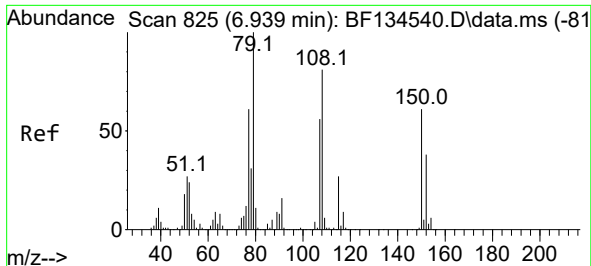
Tgt Ion:146 Resp: 639361
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 41.2 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 55.213 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:146 Resp: 616346
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 44.6 39.9 59.9

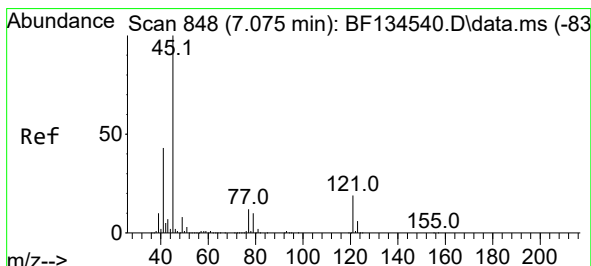
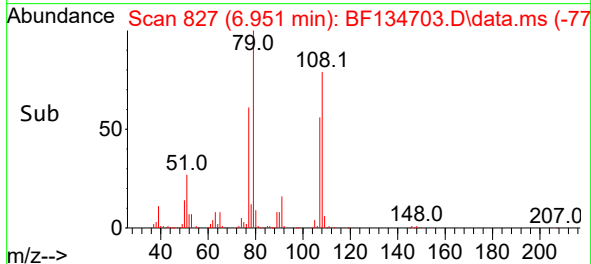
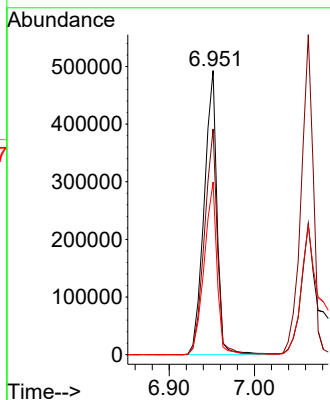
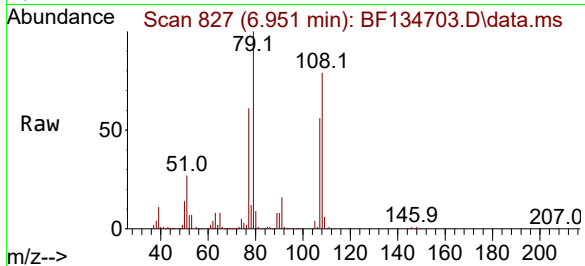




#15
Benzyl Alcohol
Concen: 51.248 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

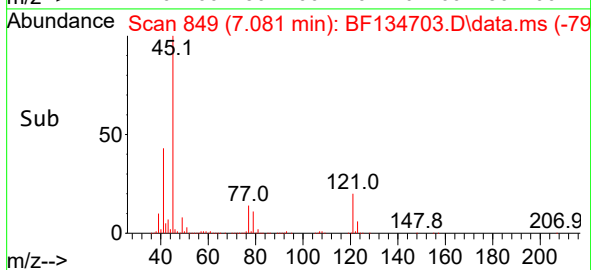
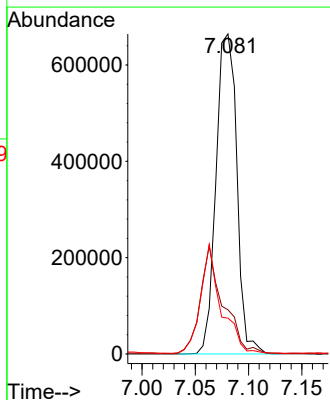
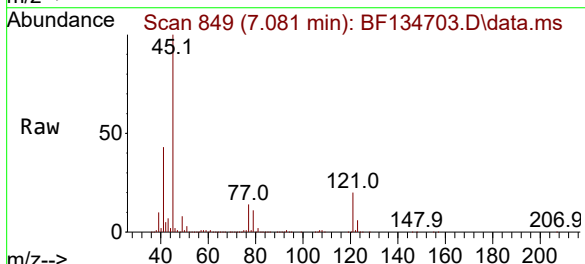
Instrument :
BNA_F
ClientSampleId :
PB154717BS

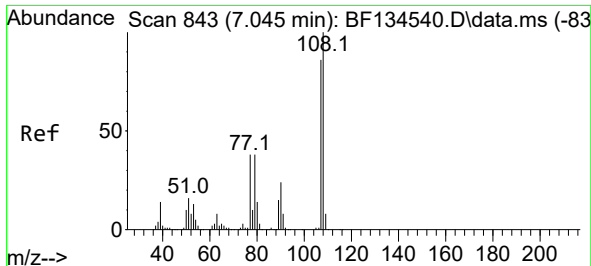
Tgt Ion: 79 Resp: 517647
Ion Ratio Lower Upper
79 100
108 79.4 56.3 84.5
77 60.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.155 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 45 Resp: 900639
Ion Ratio Lower Upper
45 100
77 13.8 0.0 37.8
79 11.2 0.0 34.5

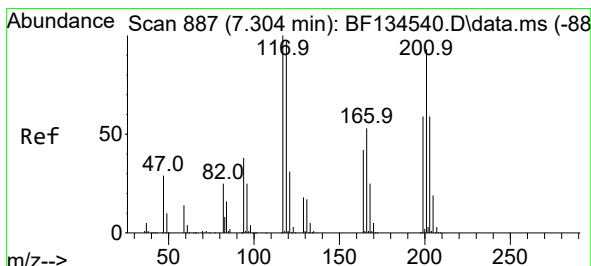
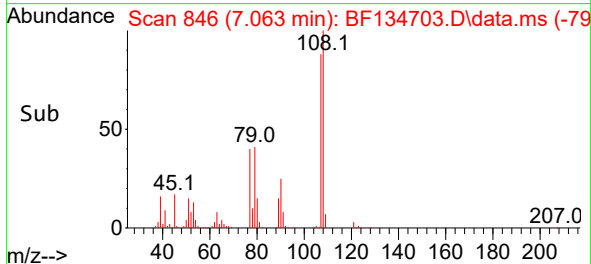
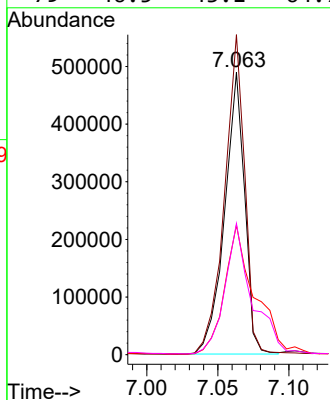
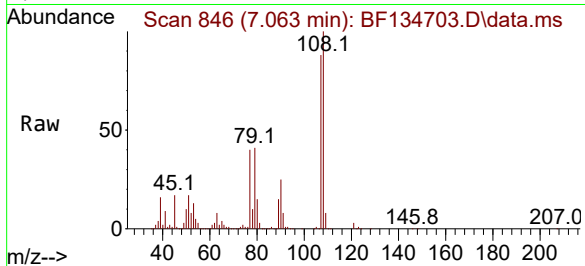




#17
2-Methylphenol
Concen: 47.005 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

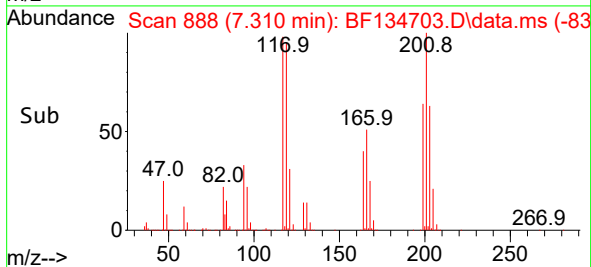
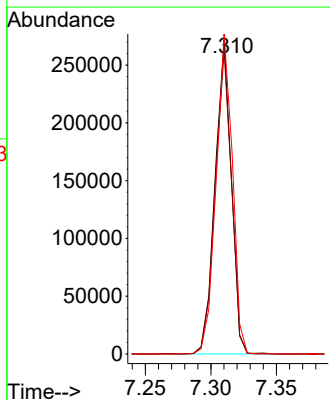
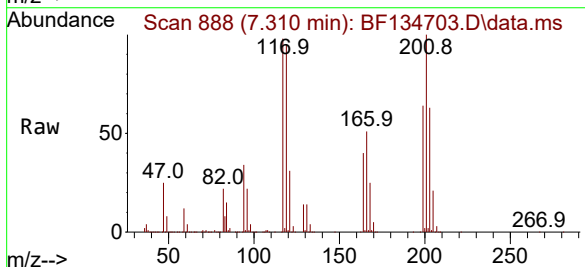
Instrument :
BNA_F
ClientSampleId :
PB154717BS

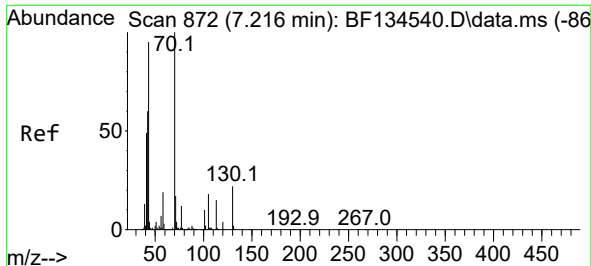
Tgt Ion:	107	Resp:	479917
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.2
77	45.8	42.4	63.6
79	46.5	43.1	64.7



#18
Hexachloroethane
Concen: 55.500 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:	117	Resp:	233374
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	101.9	73.6	110.4

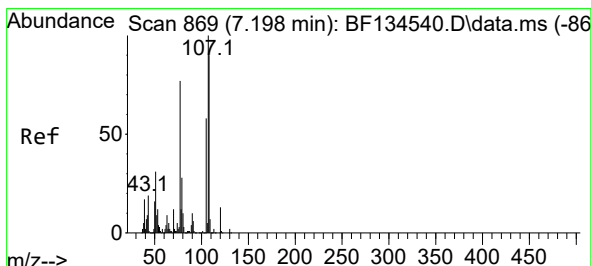
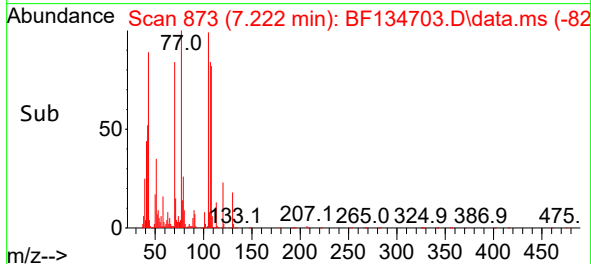
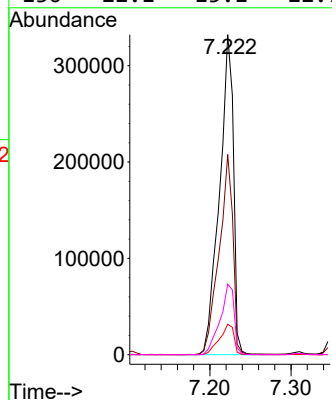
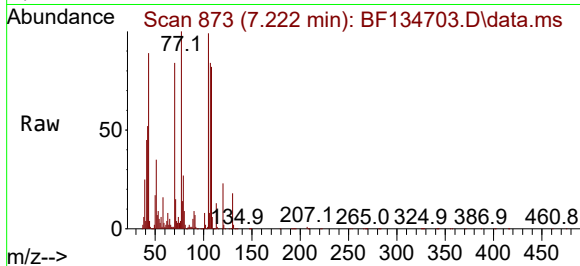




#19
n-Nitroso-di-n-propylamine
Concen: 45.471 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

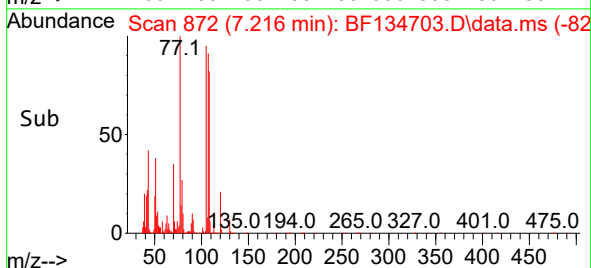
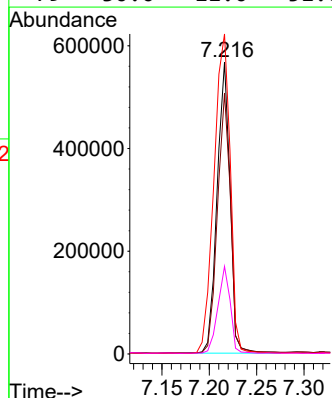
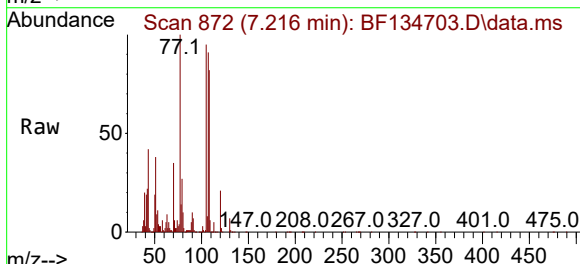
Instrument :
BNA_F
ClientSampleId :
PB154717BS

Tgt Ion: 70 Resp: 398606
Ion Ratio Lower Upper
70 100
42 62.6 54.7 82.1
101 9.5 8.2 12.2
130 22.1 15.1 22.7



#20
3+4-Methylphenols
Concen: 43.956 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 107 Resp: 541234
Ion Ratio Lower Upper
107 100
108 89.4 68.1 108.1
77 109.7 122.1 162.1#
79 30.0 11.0 51.0

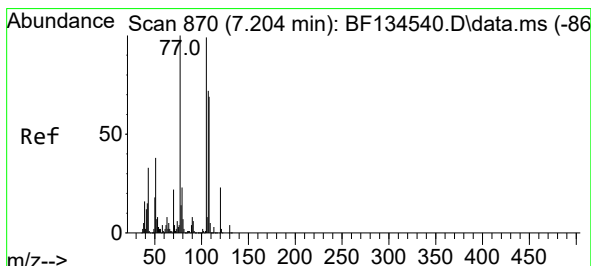
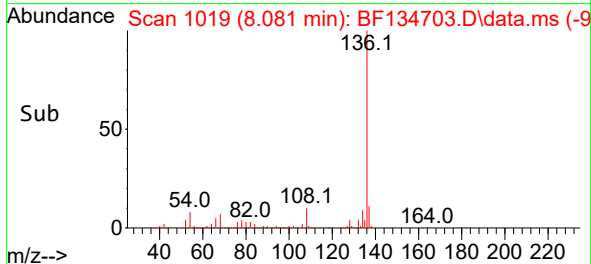
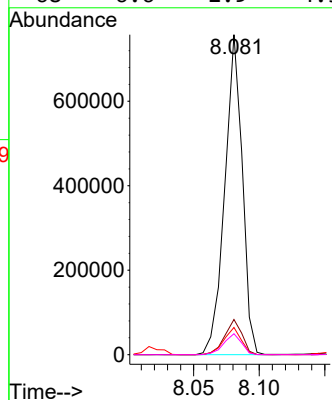
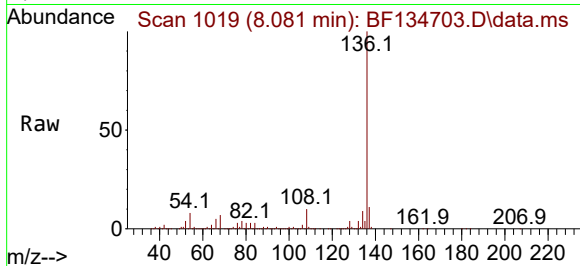




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

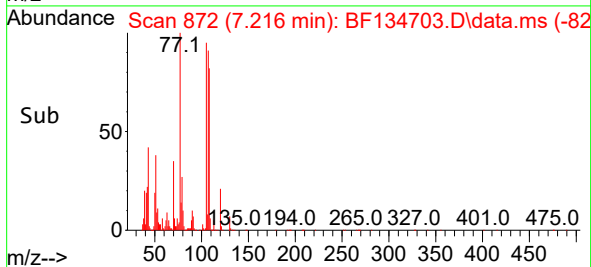
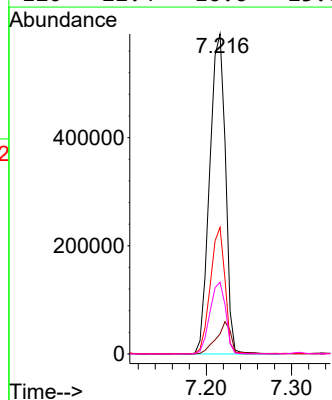
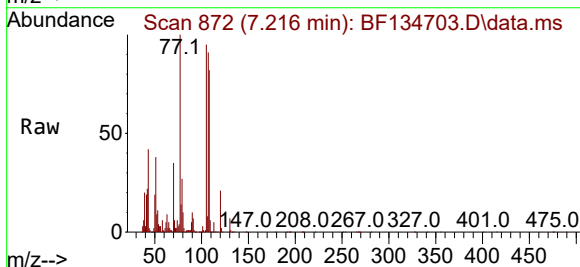
Instrument :
BNA_F
ClientSampleId :
PB154717BS

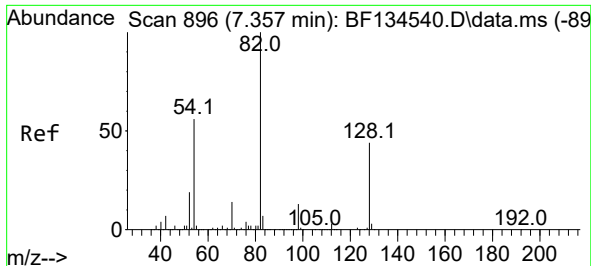
Tgt Ion:136 Resp: 703457
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.5 5.2 7.8#
68 6.6 2.9 4.3#



#22
Acetophenone
Concen: 46.886 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:105 Resp: 761417
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0#
51 39.5 36.4 54.6
120 22.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 102.903 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

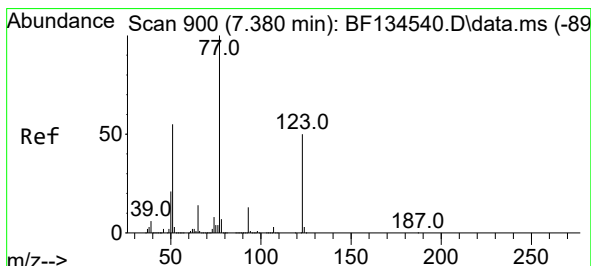
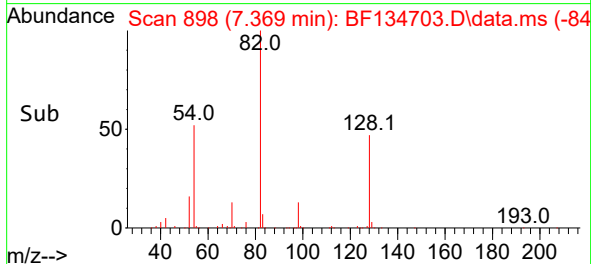
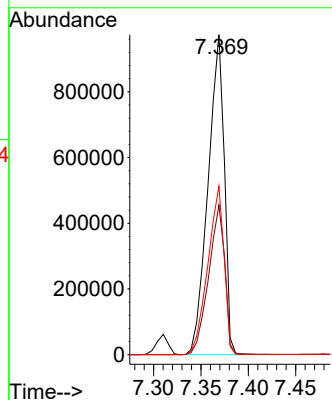
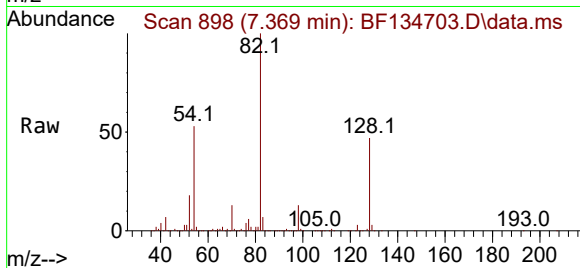
Tgt Ion: 82 Resp: 1158340

Ion Ratio Lower Upper

82 100

128 46.8 34.3 51.5

54 52.7 43.8 65.6



#24

Nitrobenzene

Concen: 51.610 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

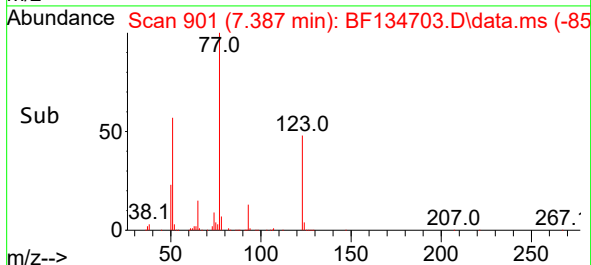
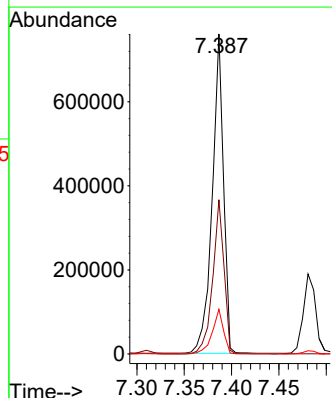
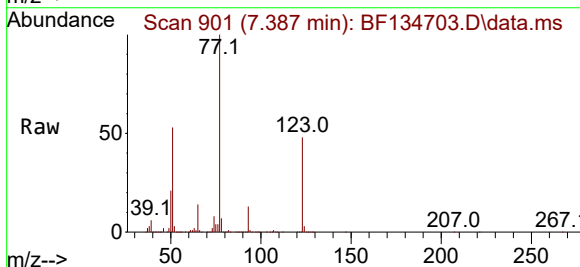
Tgt Ion: 77 Resp: 627630

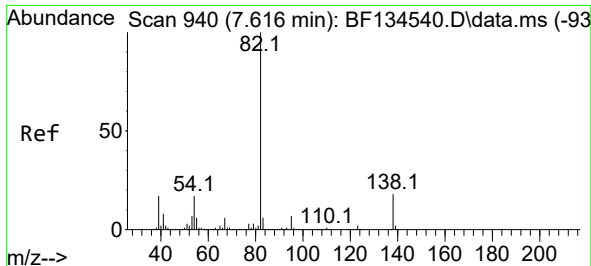
Ion Ratio Lower Upper

77 100

123 48.2 35.5 53.3

65 14.0 11.9 17.9

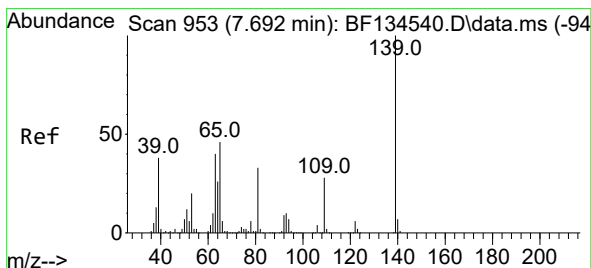
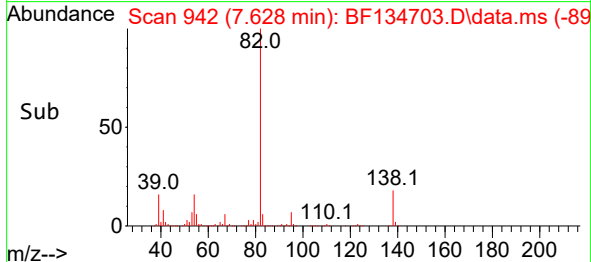
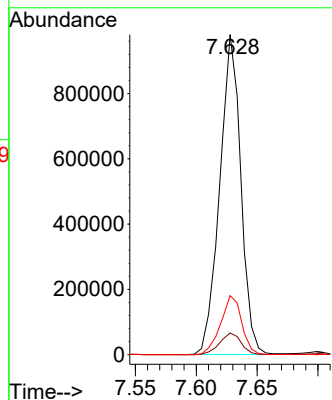
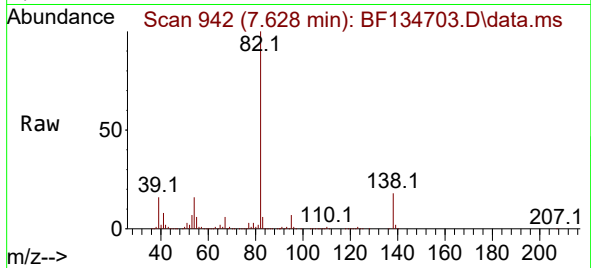




#25
Isophorone
Concen: 48.198 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

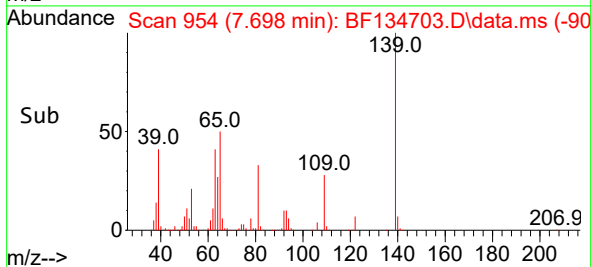
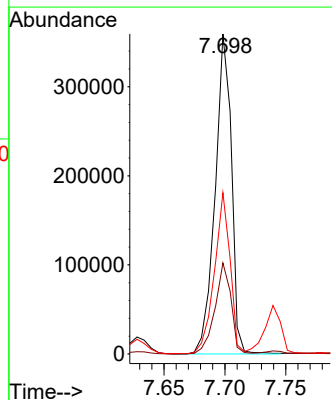
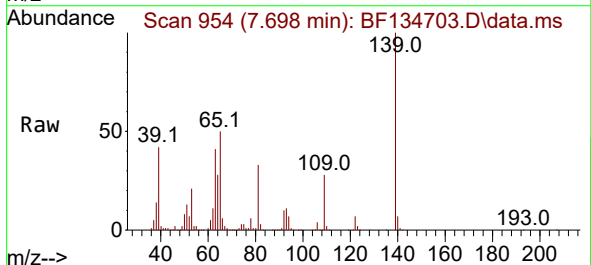
Instrument :
BNA_F
ClientSampleId :
PB154717BS

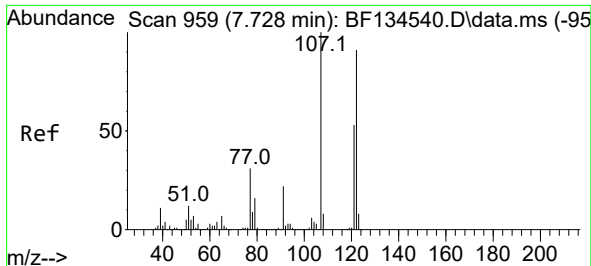
Tgt Ion: 82 Resp: 1183350
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.4 14.6 22.0



#26
2-Nitrophenol
Concen: 63.138 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 139 Resp: 335420
Ion Ratio Lower Upper
139 100
109 28.5 29.8 44.6#
65 50.4 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 45.726 ng

RT: 7.739 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

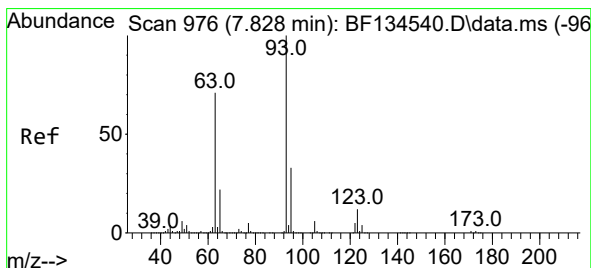
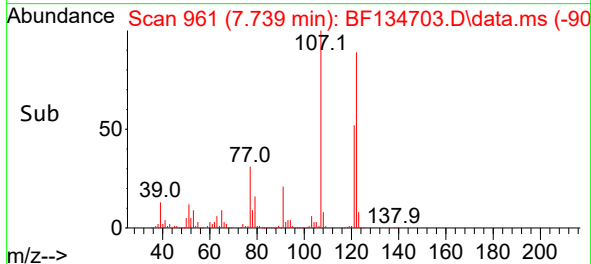
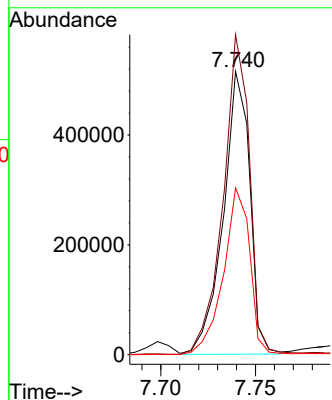
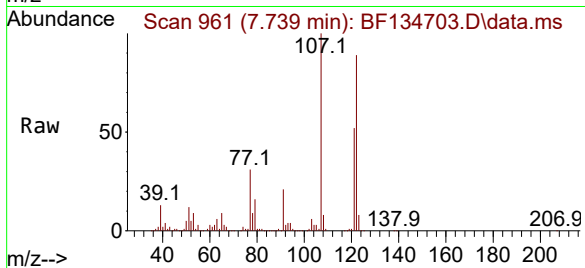
Tgt Ion:122 Resp: 500917

Ion Ratio Lower Upper

122 100

107 112.9 106.7 160.1

121 58.9 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.238 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

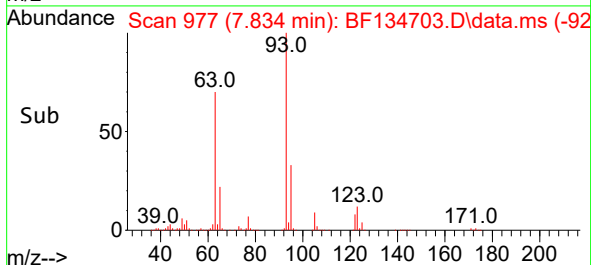
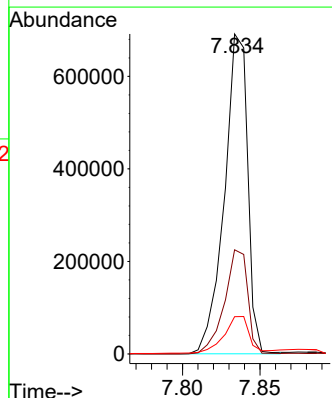
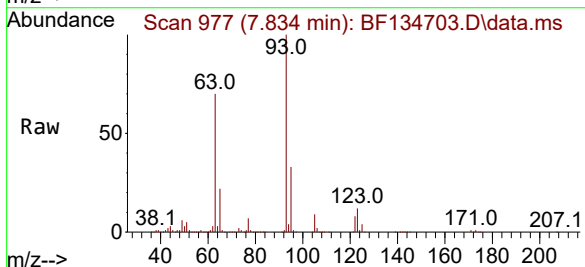
Tgt Ion: 93 Resp: 723158

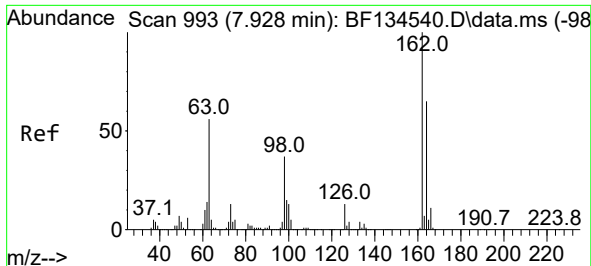
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.7 9.6 14.4

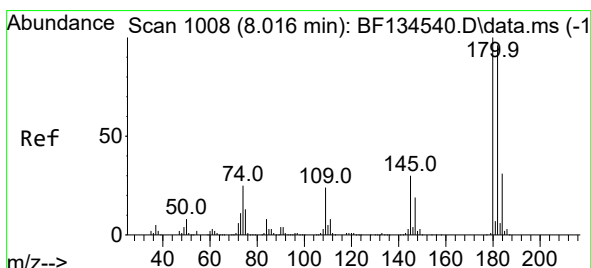
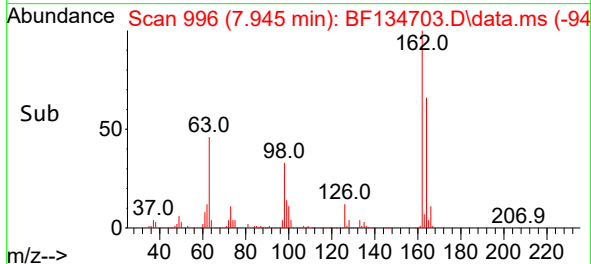
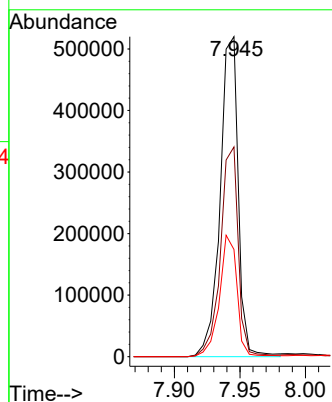
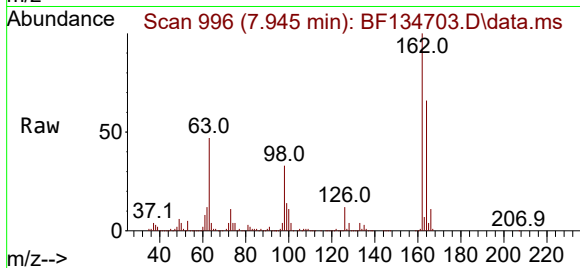




#29
2,4-Dichlorophenol
Concen: 50.288 ng
RT: 7.945 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

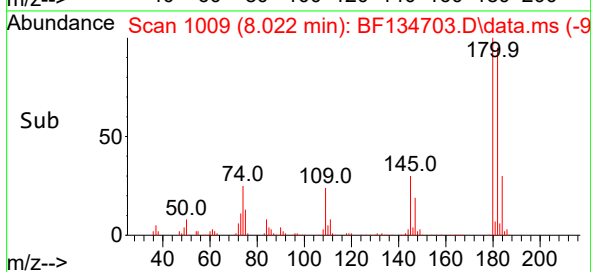
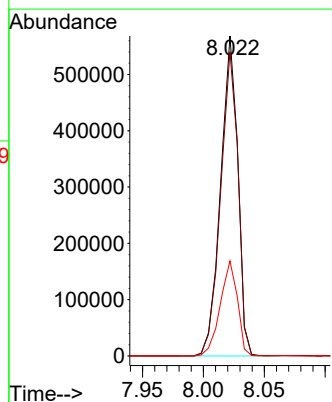
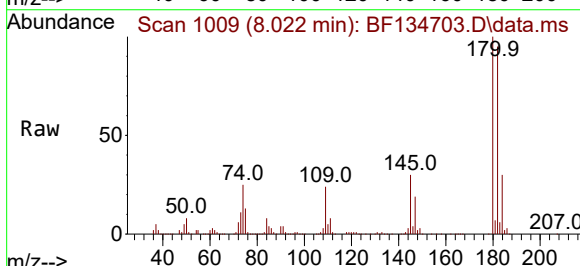
Instrument :
BNA_F
ClientSampleId :
PB154717BS

Tgt Ion:162 Resp: 499998
Ion Ratio Lower Upper
162 100
164 65.6 42.2 82.2
98 33.5 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 52.834 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:180 Resp: 560179
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.6
145 29.7 25.5 38.3

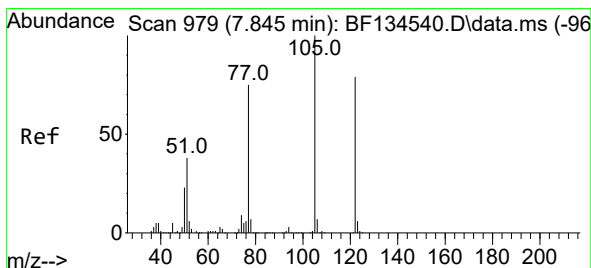
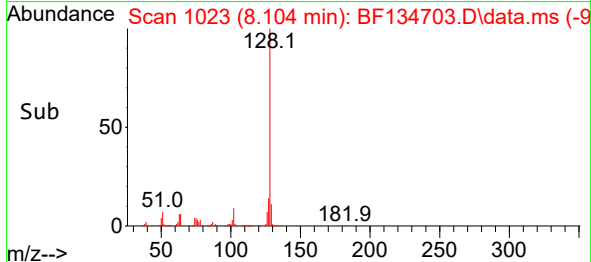
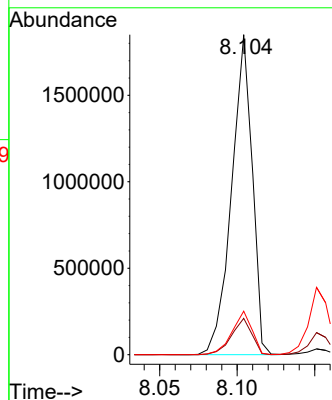
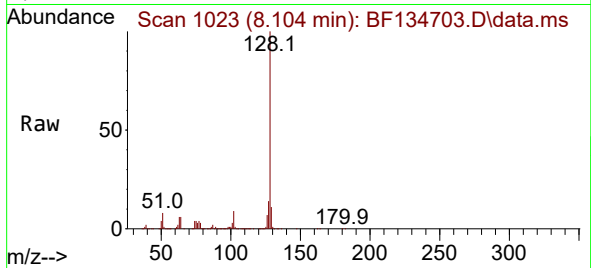




#31
Naphthalene
Concen: 48.420 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

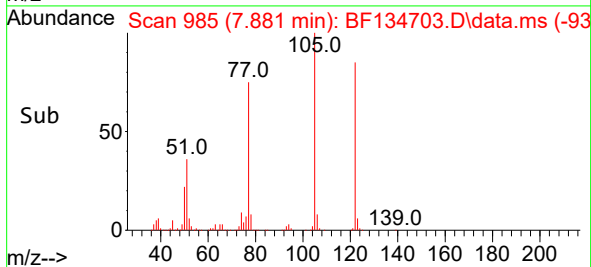
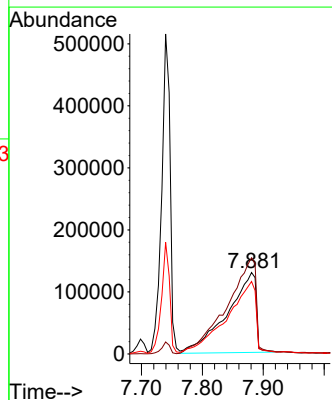
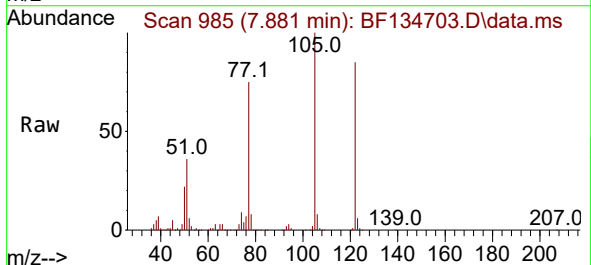
Instrument :
BNA_F
ClientSampleId :
PB154717BS

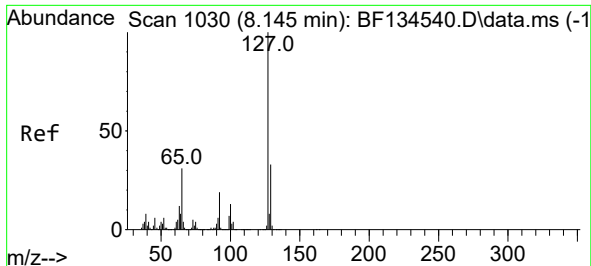
Tgt Ion:128 Resp: 1711878
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 57.545 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:122 Resp: 424591
Ion Ratio Lower Upper
122 100
105 118.0 87.5 127.5
77 89.1 71.4 111.4

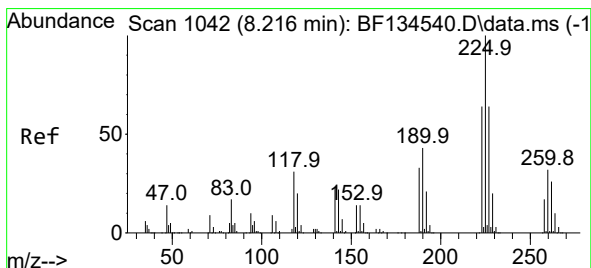
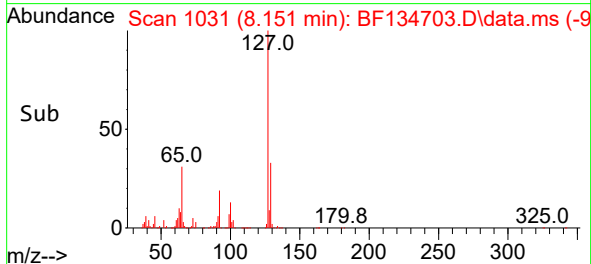
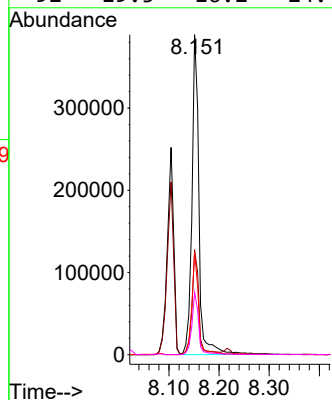
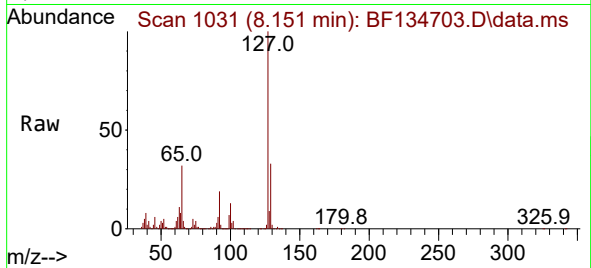




#33
4-Chloroaniline
Concen: 24.200 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

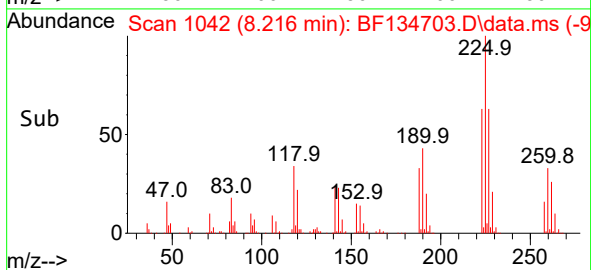
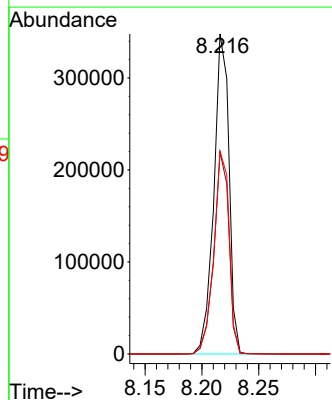
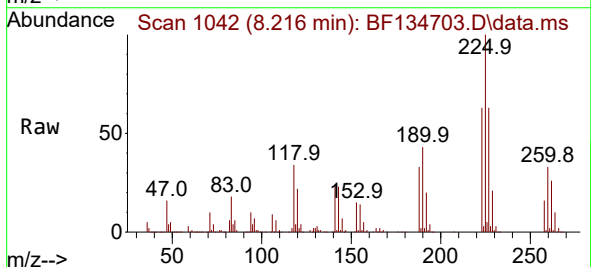
Instrument :
BNA_F
ClientSampleId :
PB154717BS

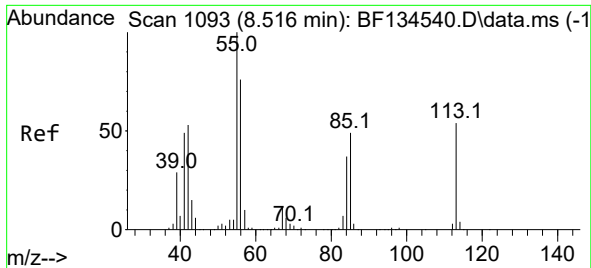
Tgt Ion:127	Resp: 381217
Ion Ratio	Lower Upper
127 100	
129 32.8	25.6 38.4
65 31.9	25.4 38.0
92 19.5	16.2 24.4



#34
Hexachlorobutadiene
Concen: 52.770 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:225	Resp: 322732
Ion Ratio	Lower Upper
225 100	
223 63.1	48.2 72.4
227 63.3	48.5 72.7

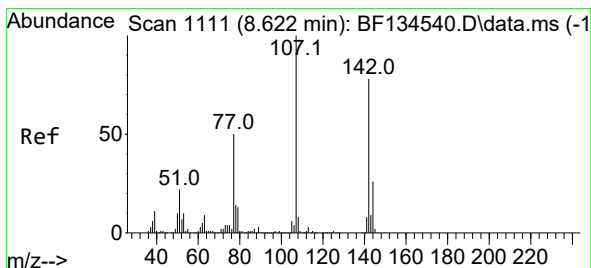
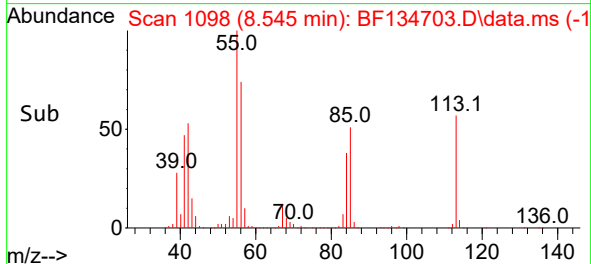
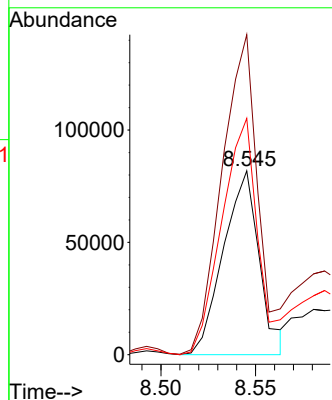
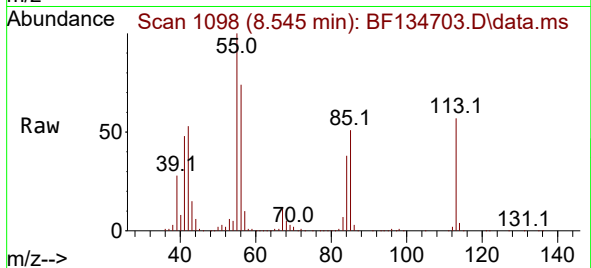




#35
 Caprolactam
 Concen: 33.545 ng
 RT: 8.545 min Scan# 1098
 Delta R.T. 0.012 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

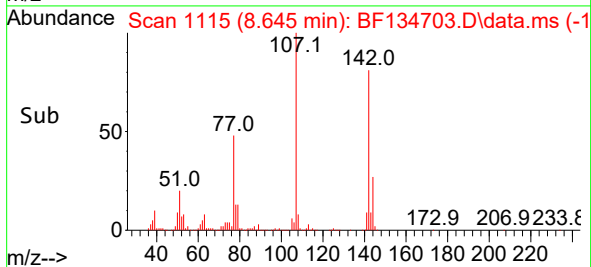
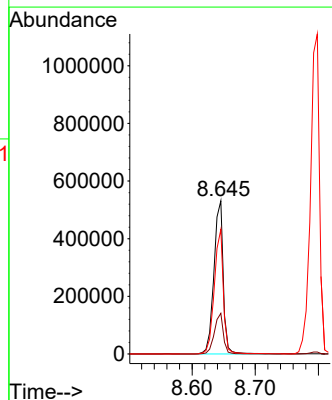
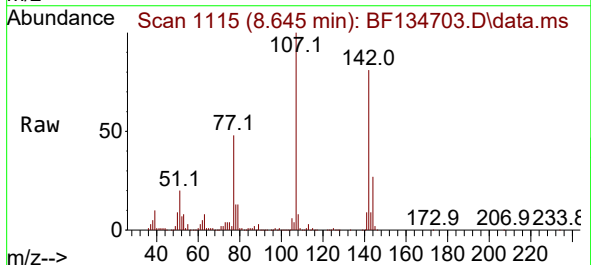
Instrument :
 BNA_F
 ClientSampleId :
 PB154717BS

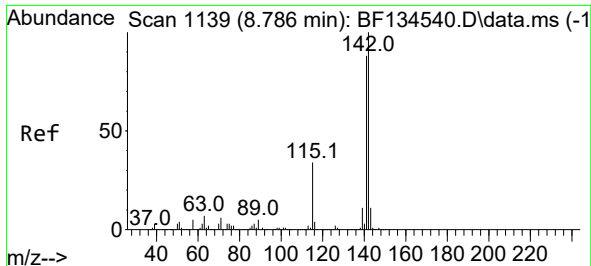
Tgt Ion:113 Resp: 107607
 Ion Ratio Lower Upper
 113 100
 55 174.1 161.5 201.5
 56 128.6 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.558 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF134703.D
 Acq: 10 Aug 2023 11:07

Tgt Ion:107 Resp: 542895
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.6 29.4
 142 81.3 57.7 86.5

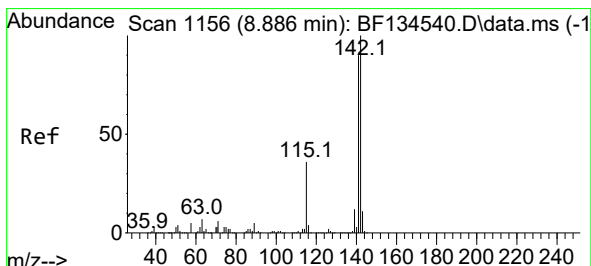
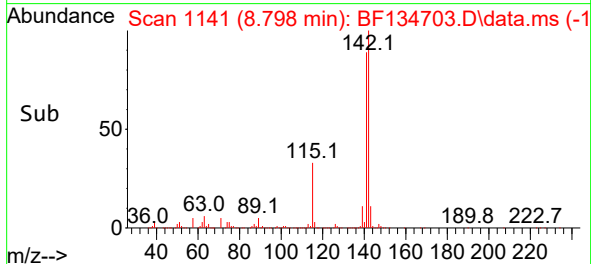
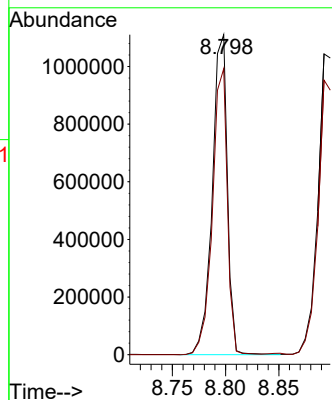
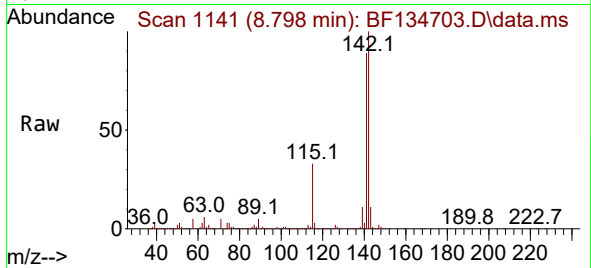




#37
2-Methylnaphthalene
Concen: 46.917 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

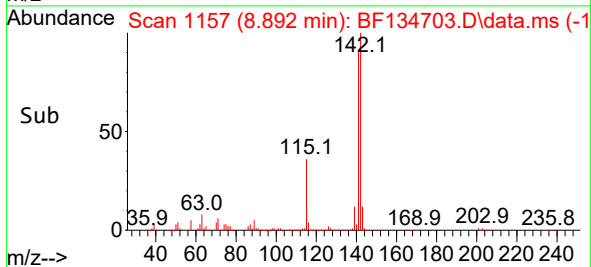
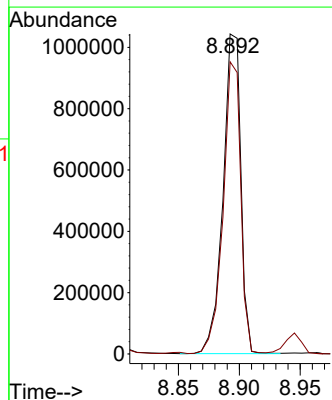
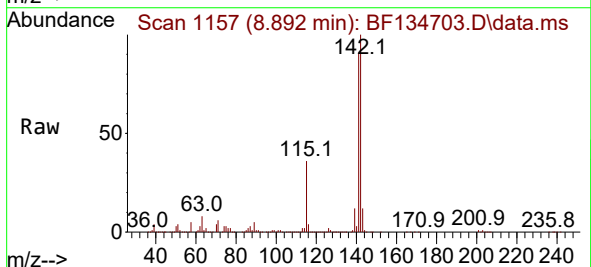
Instrument :
BNA_F
ClientSampleId :
PB154717BS

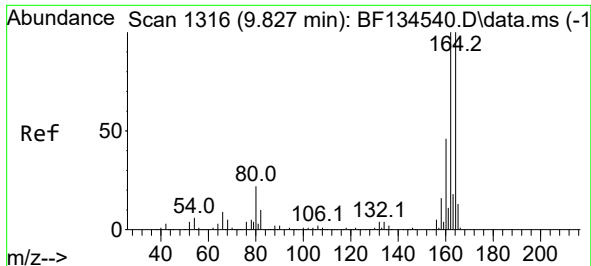
Tgt Ion:142 Resp: 1099466
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2



#38
1-Methylnaphthalene
Concen: 48.779 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:142 Resp: 1062954
Ion Ratio Lower Upper
142 100
141 91.3 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

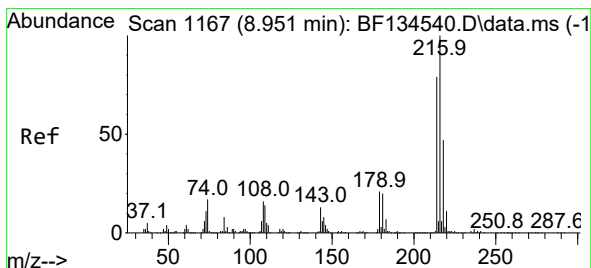
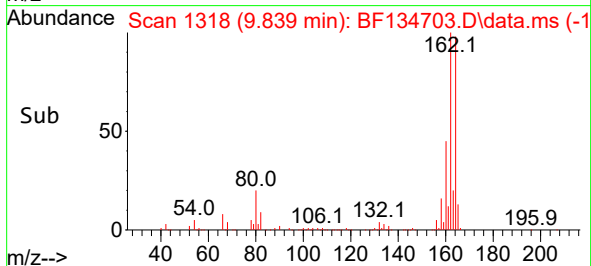
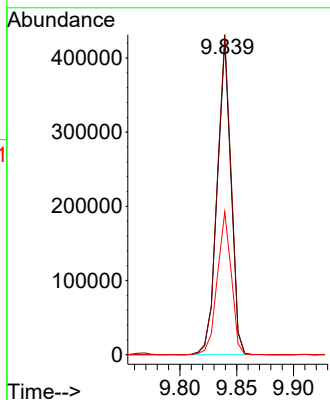
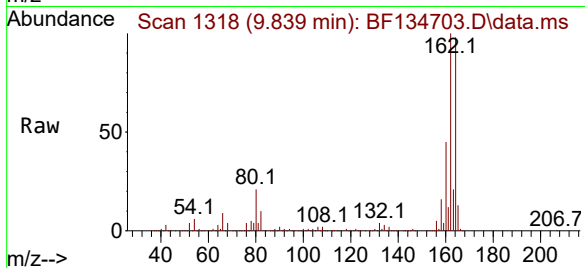
Tgt Ion:164 Resp: 357784

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 45.5 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.807 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Tgt Ion:216 Resp: 539005

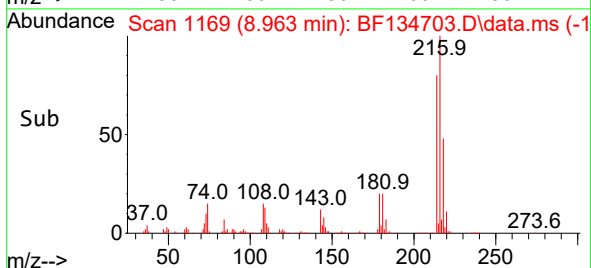
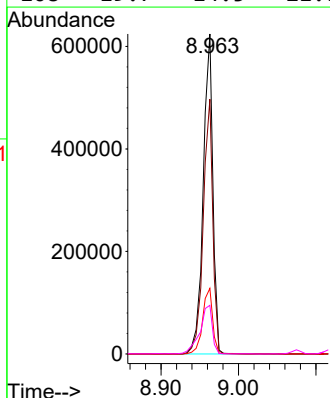
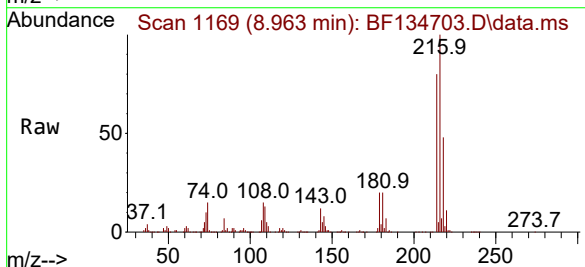
Ion Ratio Lower Upper

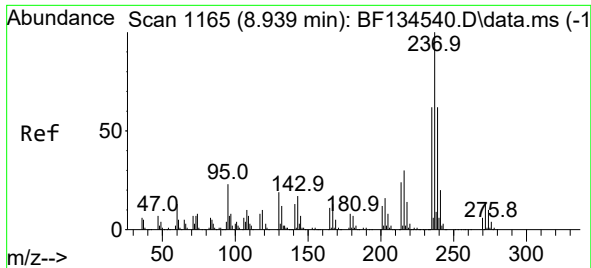
216 100

214 79.1 62.3 93.5

179 21.3 17.4 26.0

108 19.7 14.5 21.7

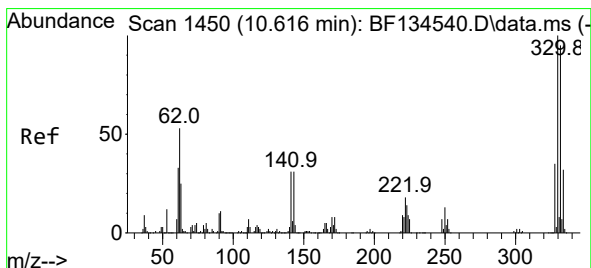
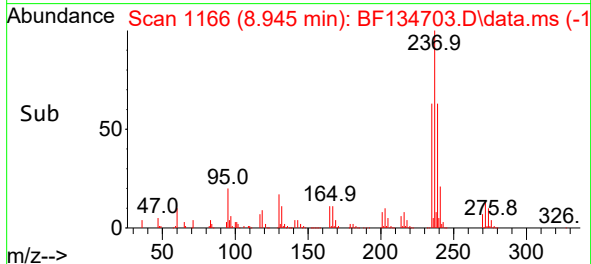
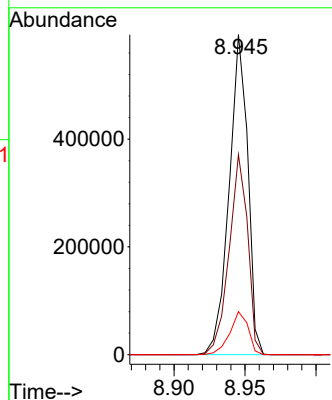
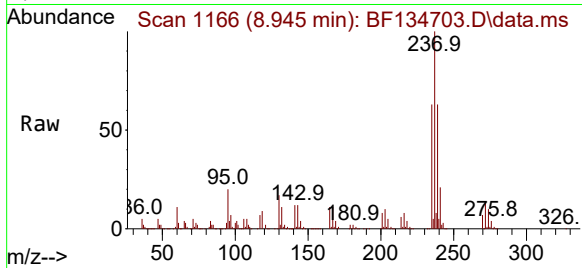




#41
Hexachlorocyclopentadiene
Concen: 106.999 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

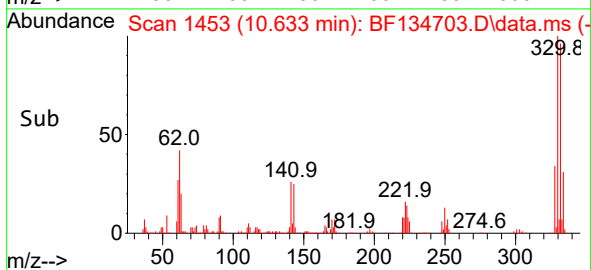
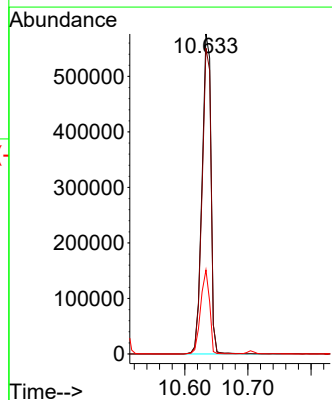
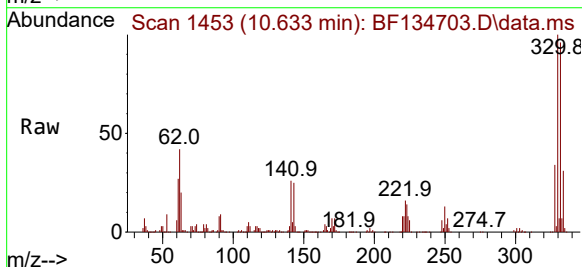
Instrument :
BNA_F
ClientSampleId :
PB154717BS

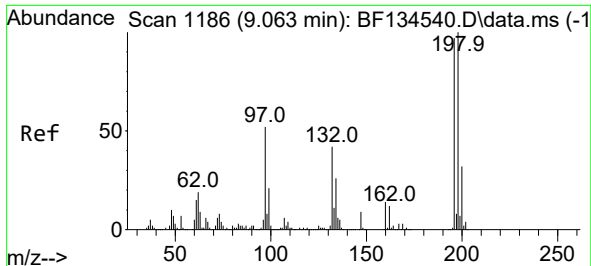
Tgt Ion:237 Resp: 541346
Ion Ratio Lower Upper
237 100
235 62.5 37.0 77.0
272 13.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 154.805 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:330 Resp: 564614
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 26.3 25.4 38.2

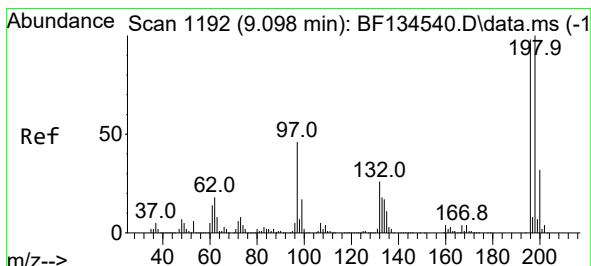
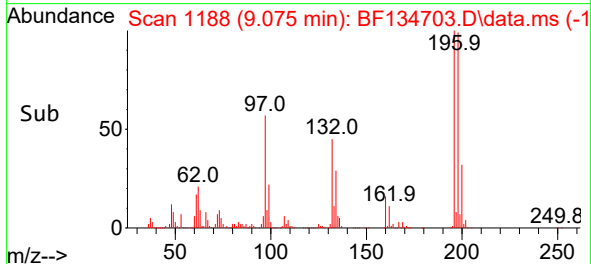
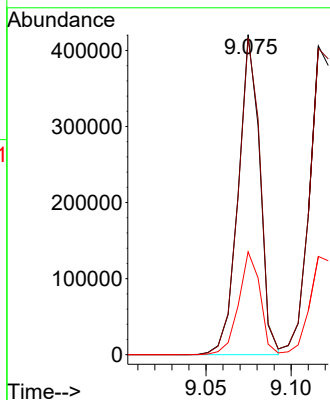
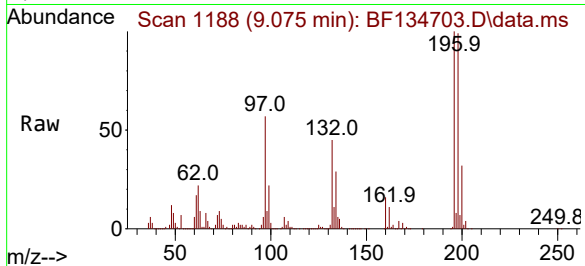




#43
2,4,6-Trichlorophenol
Concen: 54.180 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

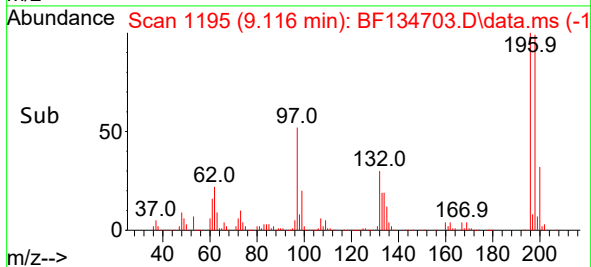
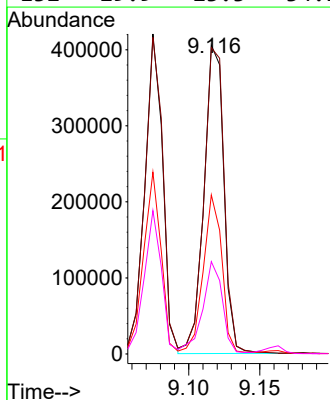
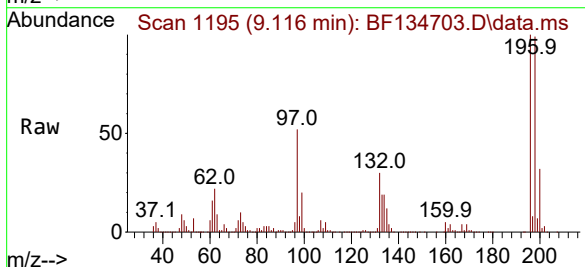
Instrument :
BNA_F
ClientSampleId :
PB154717BS

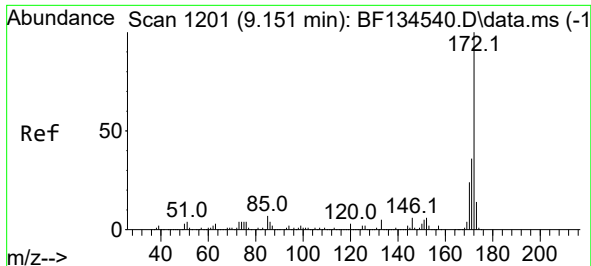
Tgt Ion:196 Resp: 368911
Ion Ratio Lower Upper
196 100
198 99.0 77.4 116.2
200 32.2 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 50.893 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:196 Resp: 396054
Ion Ratio Lower Upper
196 100
198 99.1 73.0 109.4
97 51.5 40.8 61.2
132 29.9 23.3 34.9

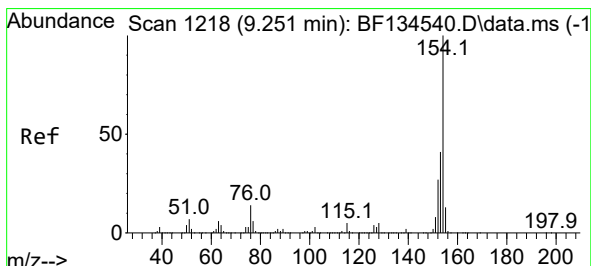
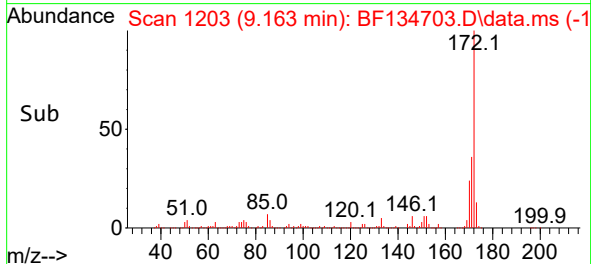
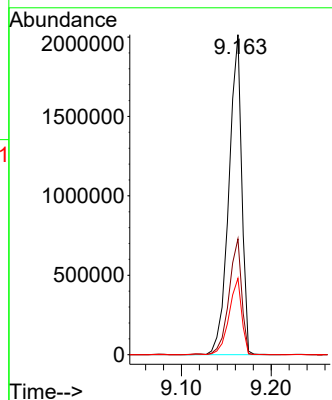
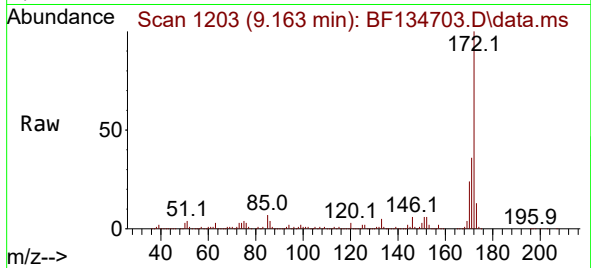




#45
2-Fluorobiphenyl
Concen: 93.174 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

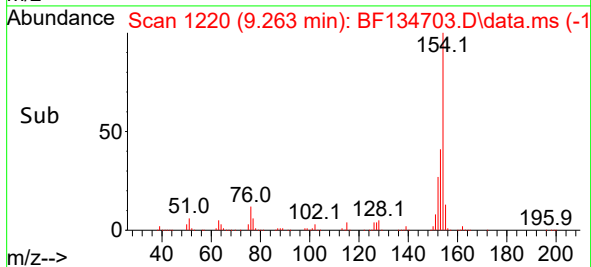
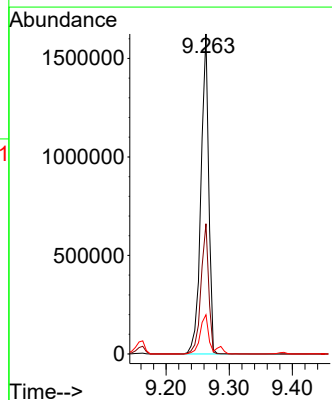
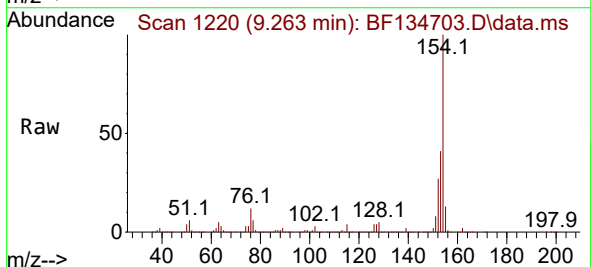
Instrument :
BNA_F
ClientSampleId :
PB154717BS

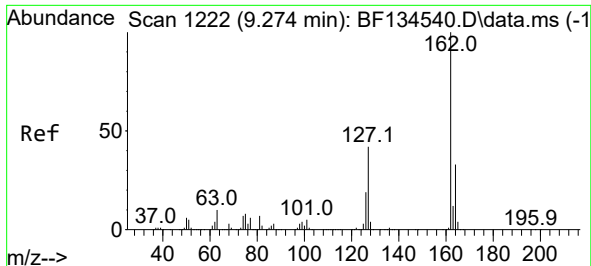
Tgt Ion:172 Resp: 2004948
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 49.673 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:154 Resp: 1382019
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.3 0.0 30.2

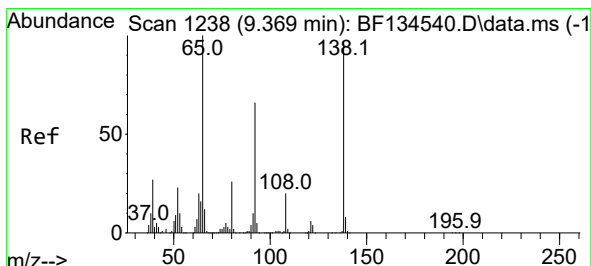
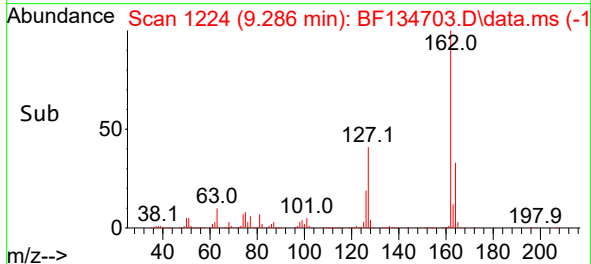
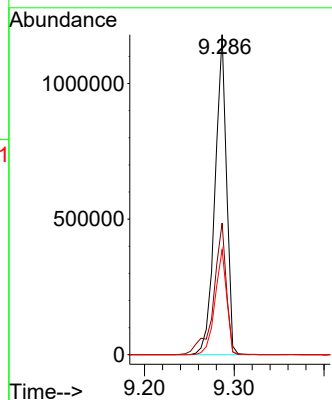
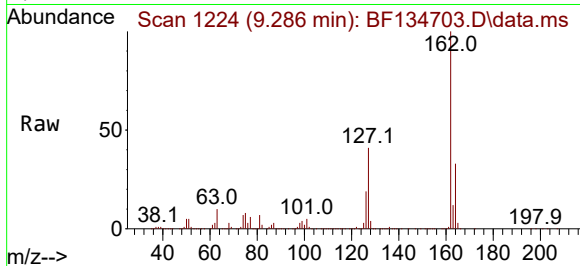




#47
2-Chloronaphthalene
Concen: 50.662 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

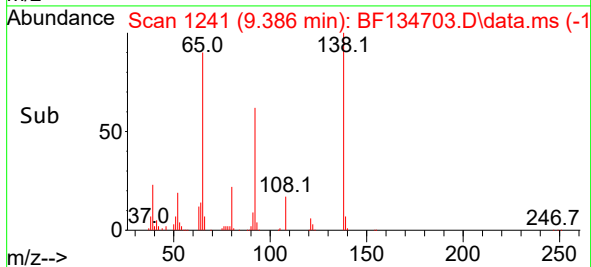
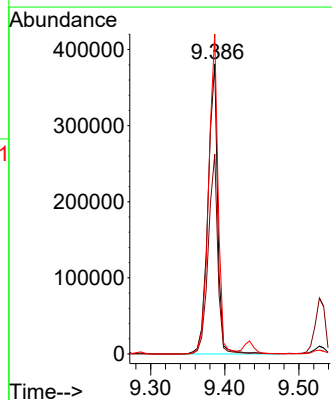
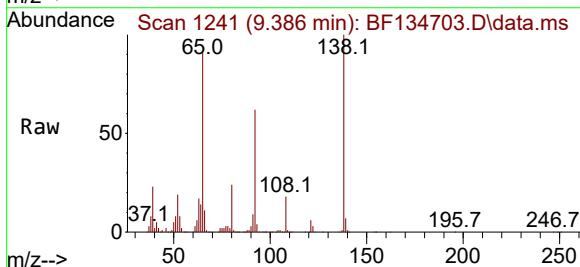
Instrument :
BNA_F
ClientSampleId :
PB154717BS

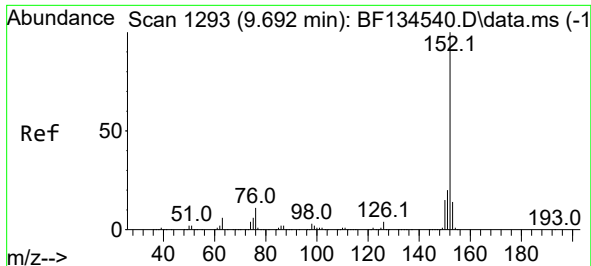
Tgt Ion:162 Resp: 1056153
Ion Ratio Lower Upper
162 100
127 41.1 34.0 51.0
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 53.242 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion: 65 Resp: 348447
Ion Ratio Lower Upper
65 100
92 68.8 50.7 76.1
138 110.3 78.2 117.4





#49

Acenaphthylene

Concen: 49.950 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

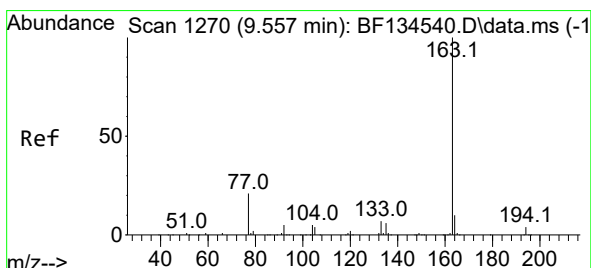
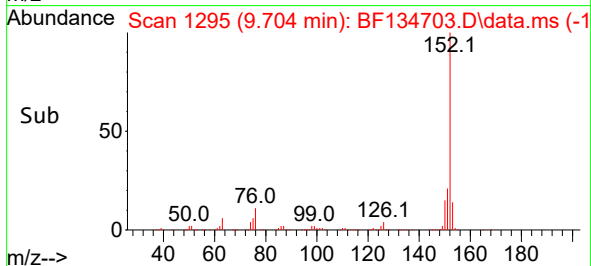
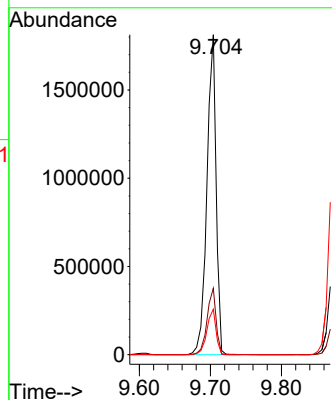
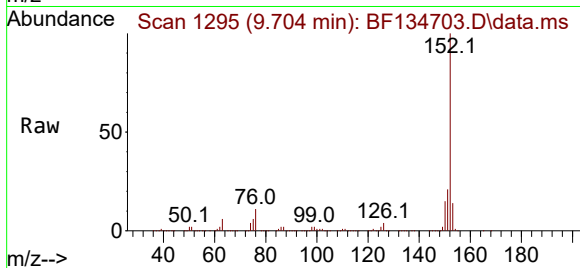
Tgt Ion:152 Resp: 1636846

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 14.2 10.9 16.3



#50

Dimethylphthalate

Concen: 51.630 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

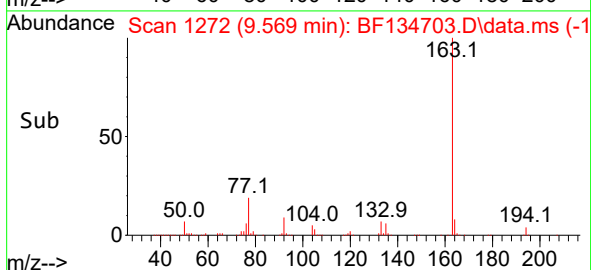
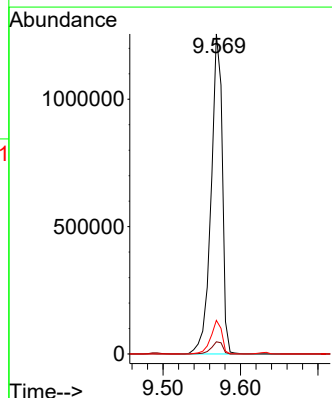
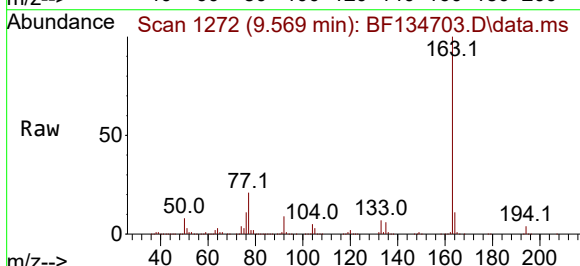
Tgt Ion:163 Resp: 1259020

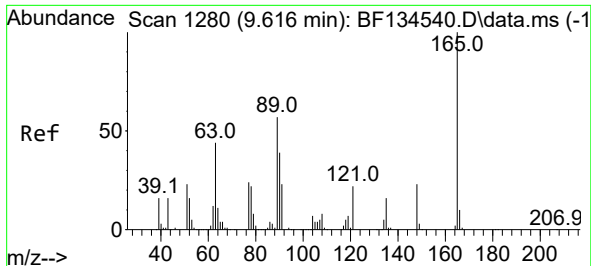
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.5 7.5 11.3

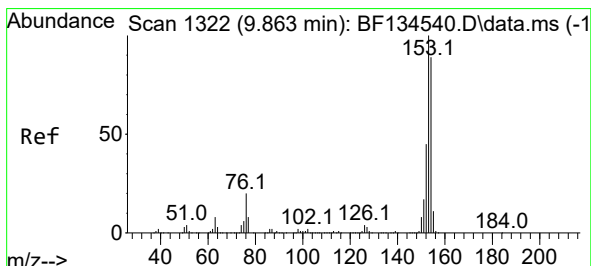
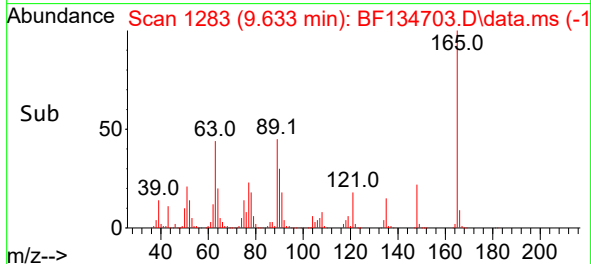
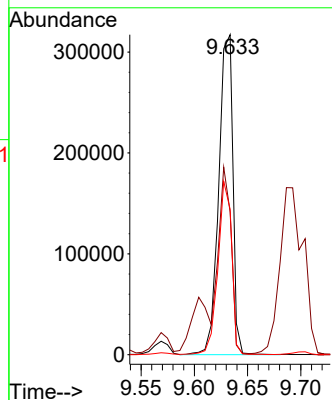
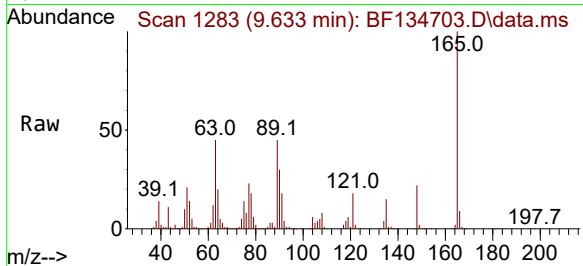




#51
2,6-Dinitrotoluene
Concen: 57.875 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

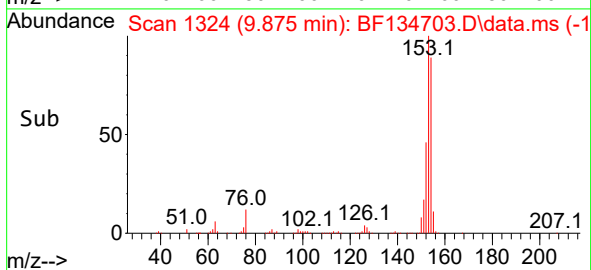
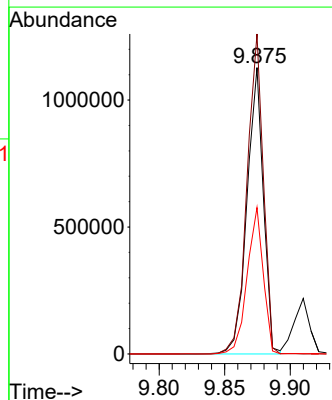
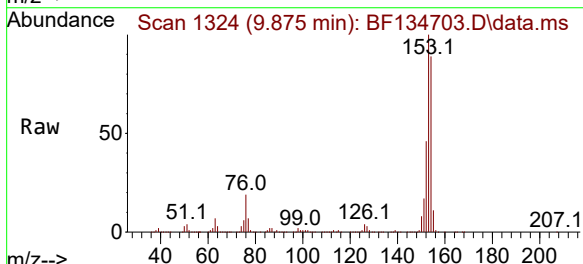
Instrument :
BNA_F
ClientSampleId :
PB154717BS

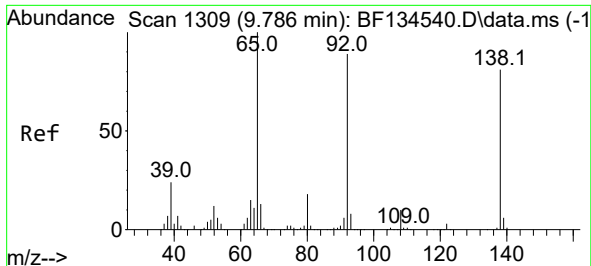
Tgt Ion:165 Resp: 291870
Ion Ratio Lower Upper
165 100
63 44.5 57.8 86.6#
89 45.5 51.8 77.8#



#52
Acenaphthene
Concen: 46.238 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:154 Resp: 981930
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 51.1 42.4 63.6

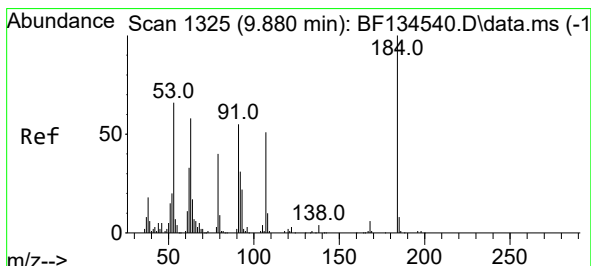
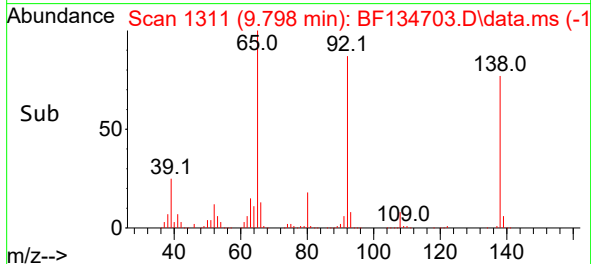
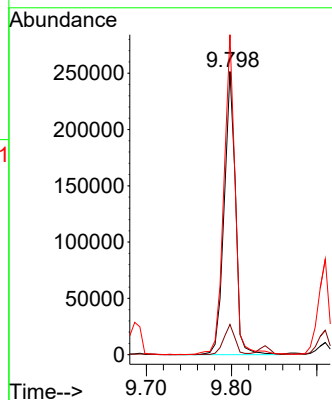
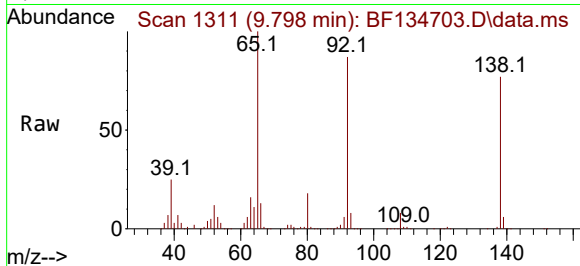




#53
3-Nitroaniline
Concen: 42.617 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

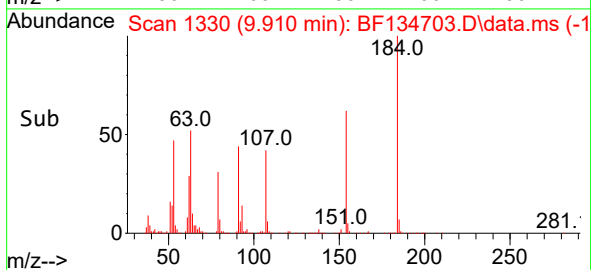
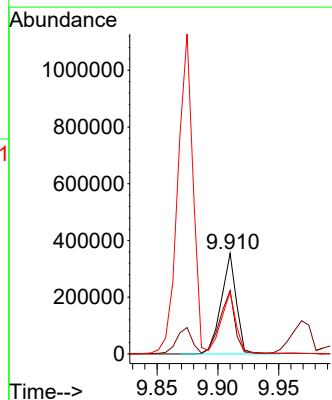
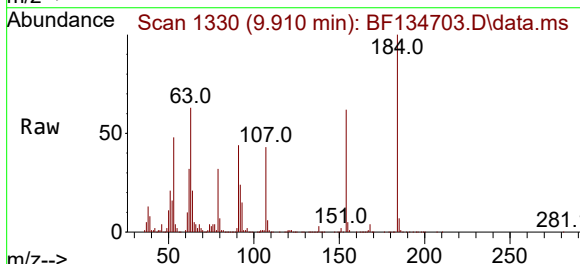
Instrument :
BNA_F
ClientSampleId :
PB154717BS

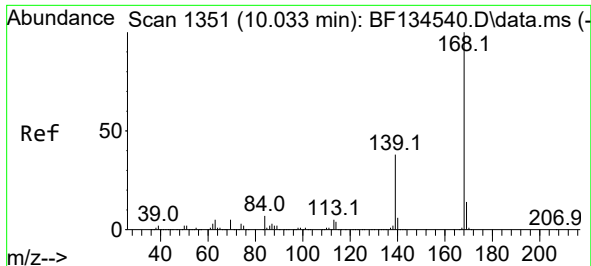
Tgt Ion:138 Resp: 231635
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 113.0 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 126.001 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:184 Resp: 310005
Ion Ratio Lower Upper
184 100
63 63.0 57.1 85.7
154 61.7 59.1 88.7

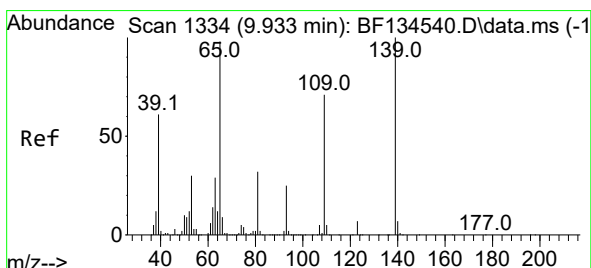
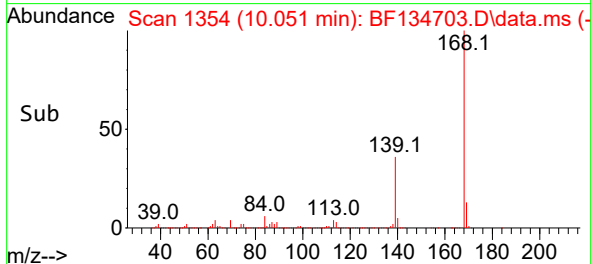
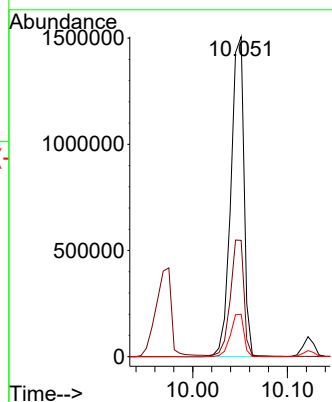
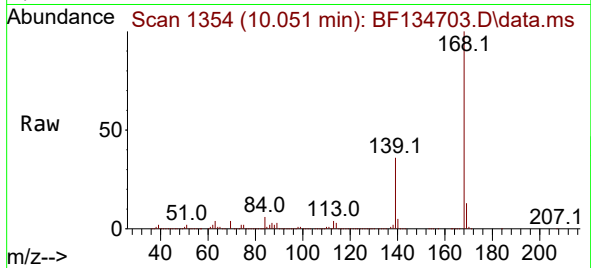




#55
Dibenzenofuran
Concen: 48.077 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

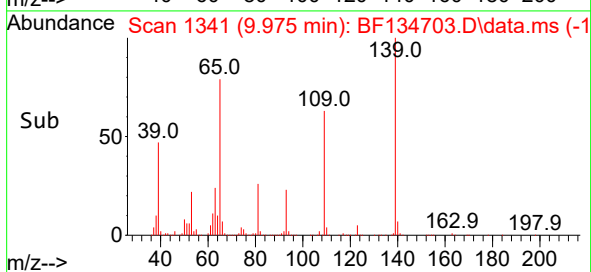
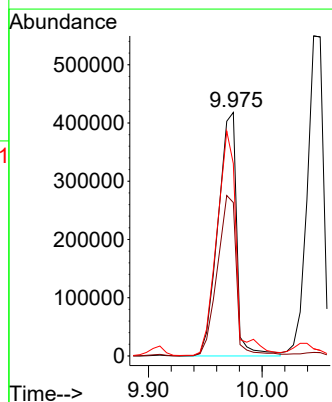
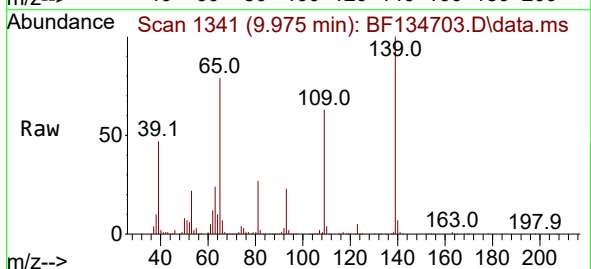
Instrument :
BNA_F
ClientSampleId :
PB154717BS

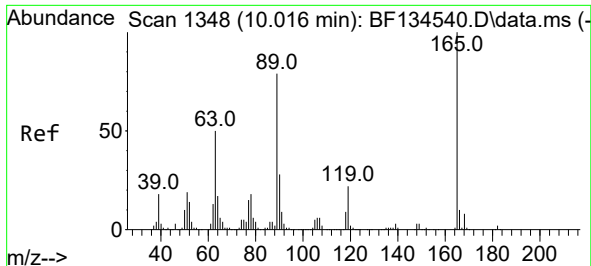
Tgt Ion:168 Resp: 1453419
Ion Ratio Lower Upper
168 100
139 36.3 33.4 50.2
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 108.064 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:139 Resp: 480388
Ion Ratio Lower Upper
139 100
109 63.0 76.9 116.9#
65 79.0 98.5 138.5#

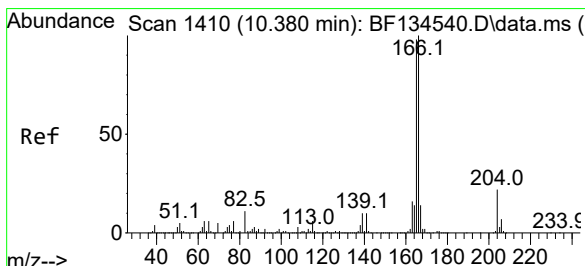
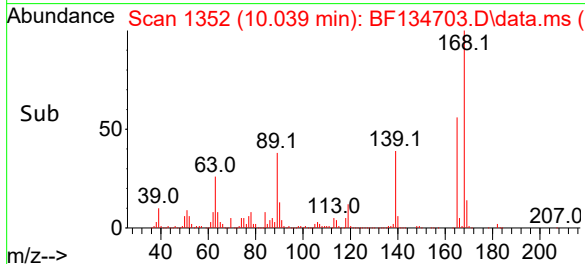
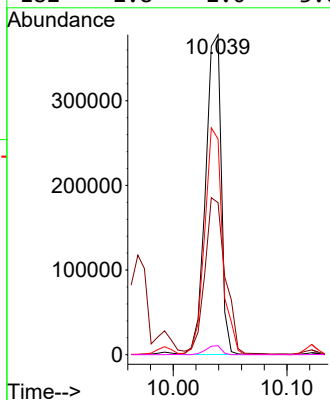
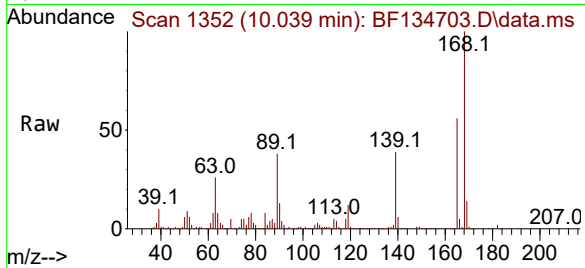




#57
2,4-Dinitrotoluene
Concen: 59.105 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

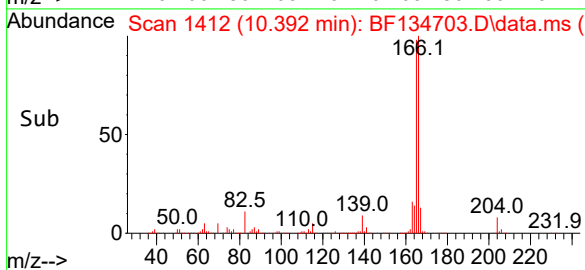
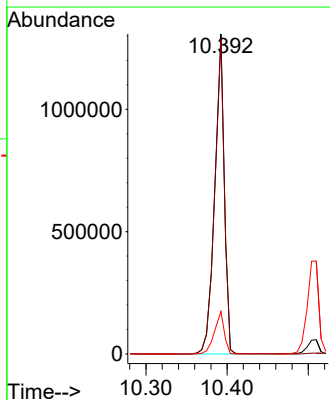
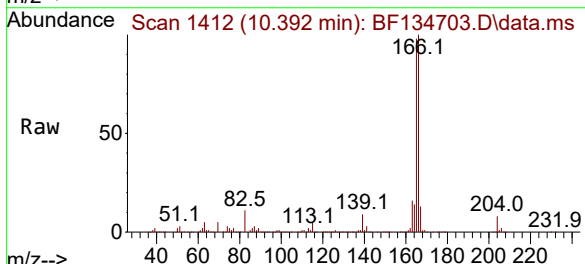
Instrument :
BNA_F
ClientSampleId :
PB154717BS

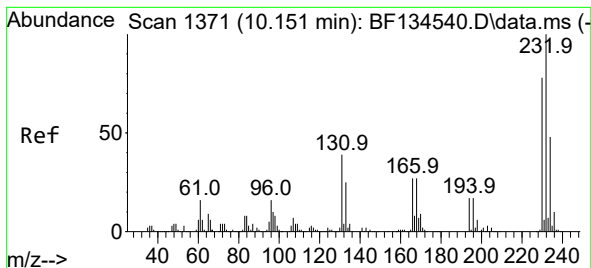
Tgt Ion:165 Resp: 360919
Ion Ratio Lower Upper
165 100
63 47.5 48.9 73.3#
89 67.4 61.7 92.5
182 2.8 2.0 3.0



#58
Fluorene
Concen: 48.711 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:166 Resp: 1072602
Ion Ratio Lower Upper
166 100
165 98.4 74.5 111.7
167 13.3 10.6 16.0

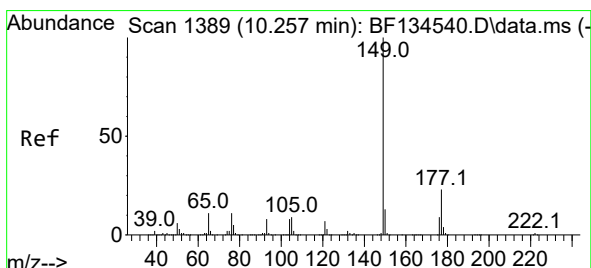
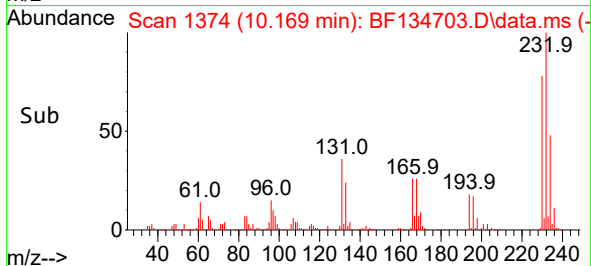
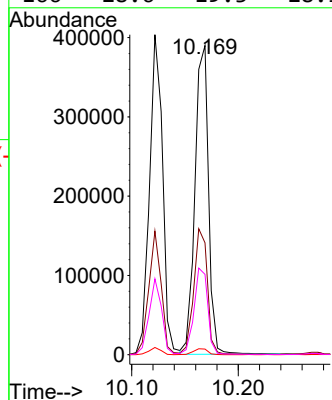
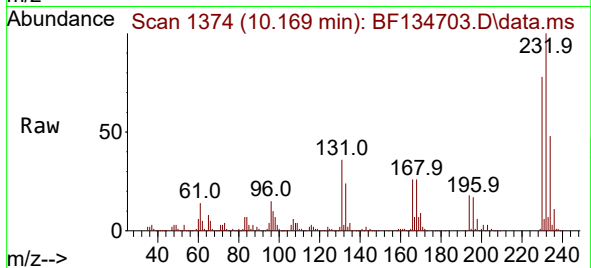




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.162 ng
RT: 10.169 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

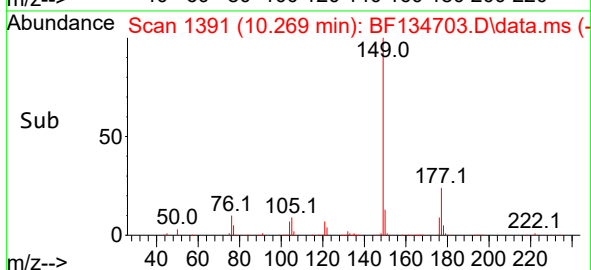
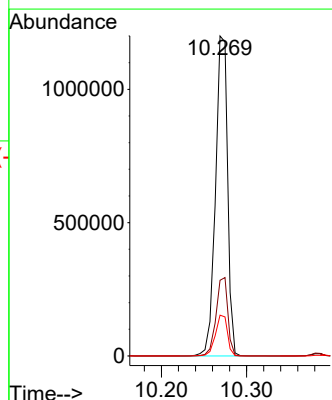
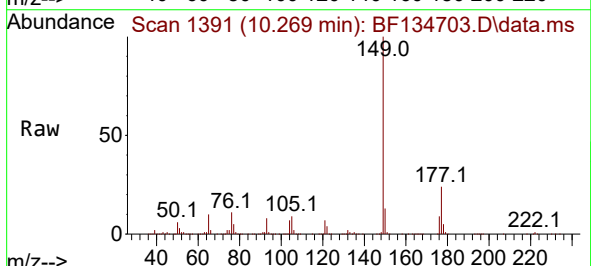
Instrument :
BNA_F
ClientSampleId :
PB154717BS

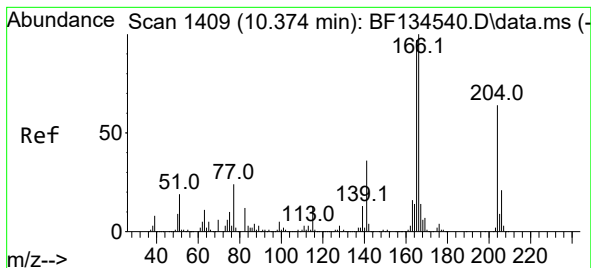
Tgt Ion:232 Resp: 345778
Ion Ratio Lower Upper
232 100
131 40.8 33.4 50.0
130 2.0 1.8 2.6
166 28.6 19.3 28.9



#60
Diethylphthalate
Concen: 51.318 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:149 Resp: 1186176
Ion Ratio Lower Upper
149 100
177 23.6 17.0 25.4
150 12.8 9.9 14.9

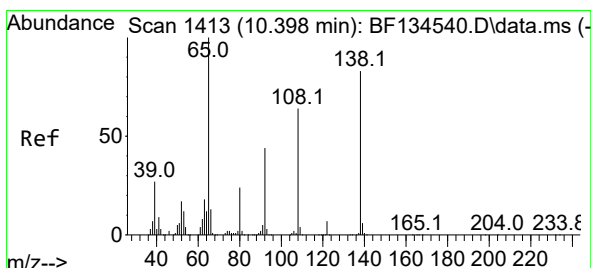
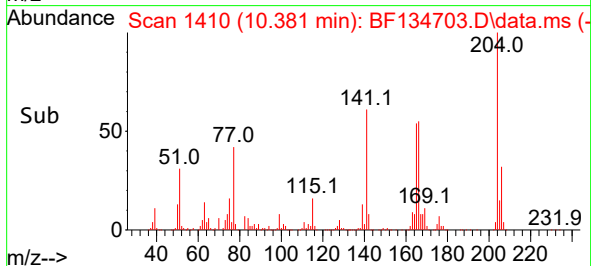
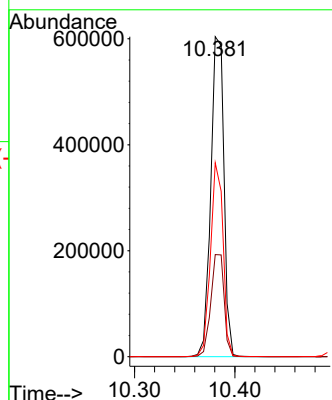
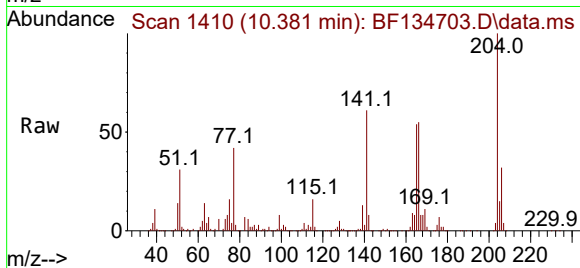




#61
4-Chlorophenyl-phenylether
Concen: 50.870 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

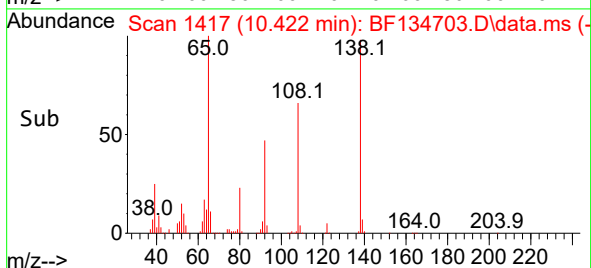
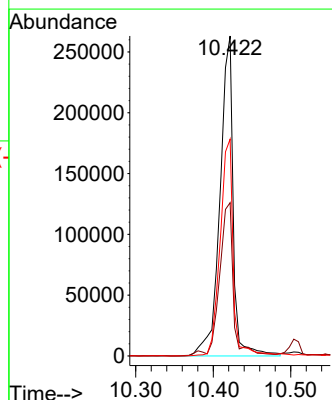
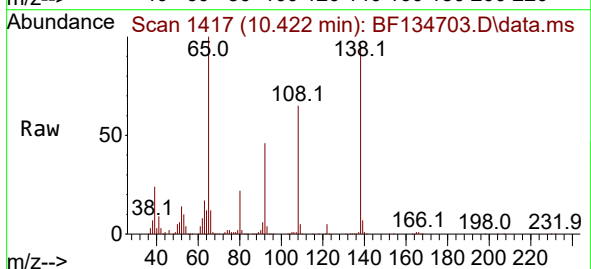
Instrument :
BNA_F
ClientSampleId :
PB154717BS

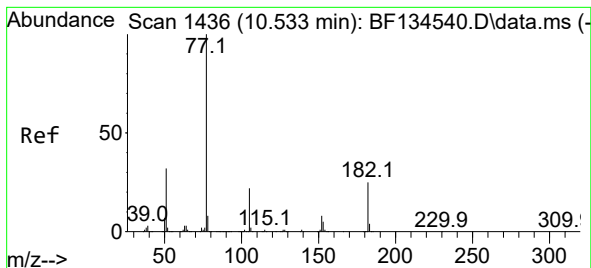
Tgt Ion:204 Resp: 550579
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 60.6 52.2 78.4



#62
4-Nitroaniline
Concen: 58.696 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:138 Resp: 312700
Ion Ratio Lower Upper
138 100
92 47.9 27.0 67.0
108 67.7 70.4 110.4#





#63

Azobenzene

Concen: 47.749 ng

RT: 10.545 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

Tgt Ion: 77 Resp: 1185800

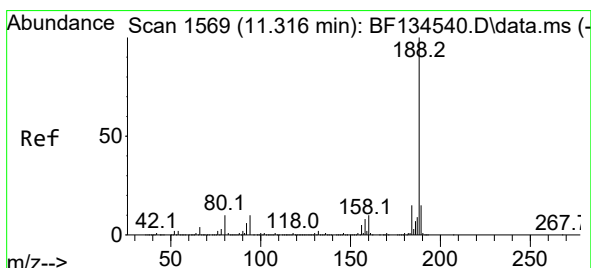
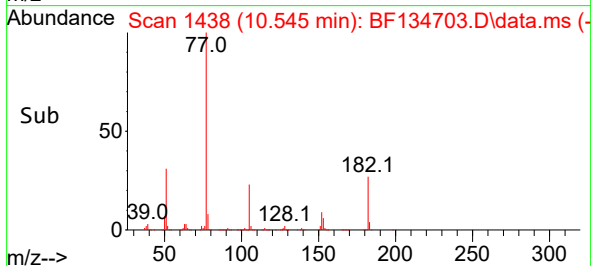
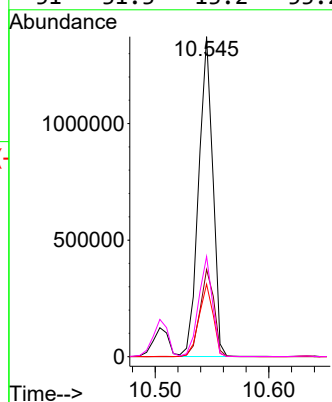
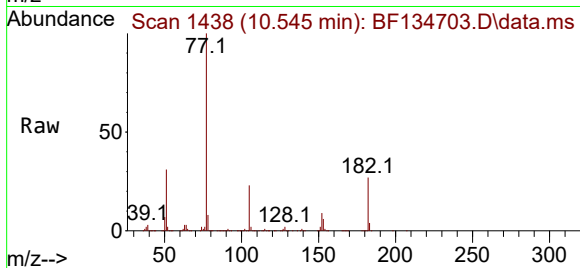
Ion Ratio Lower Upper

77 100

182 27.3 7.5 47.5

105 22.6 1.9 41.9

51 31.3 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

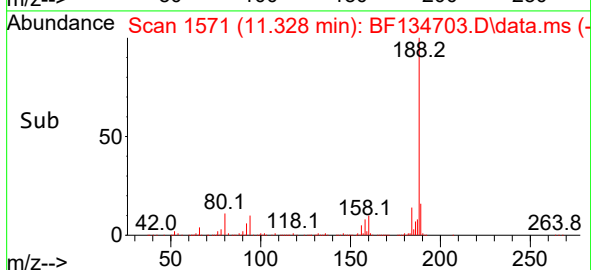
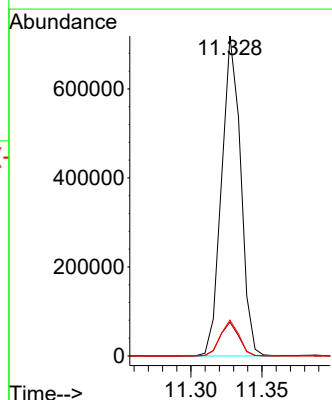
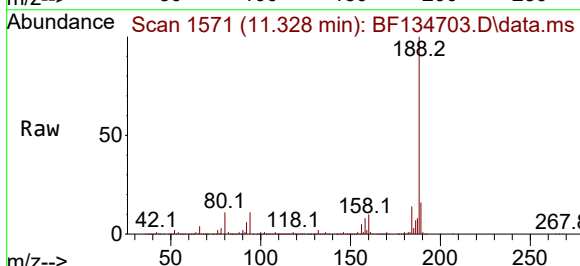
Tgt Ion:188 Resp: 671300

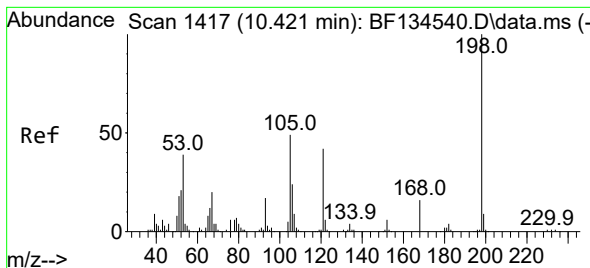
Ion Ratio Lower Upper

188 100

94 10.5 5.1 7.7#

80 11.2 6.6 9.8#

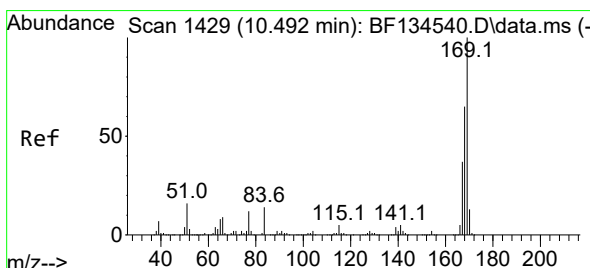
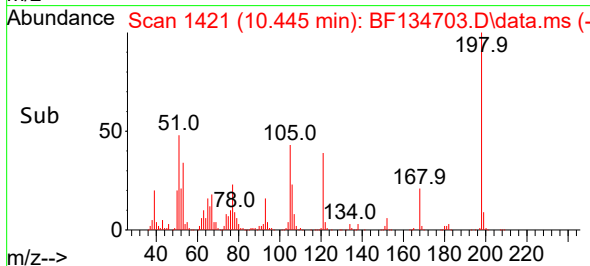
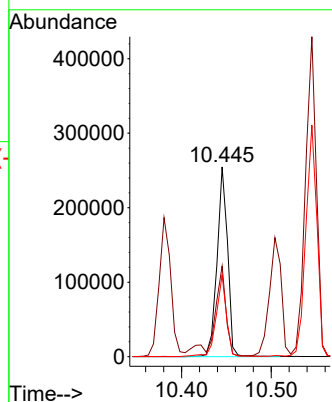
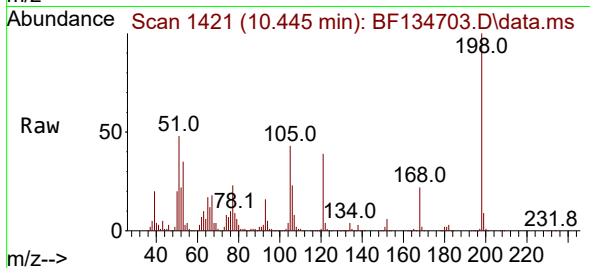




#65
4,6-Dinitro-2-methylphenol
Concen: 71.339 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

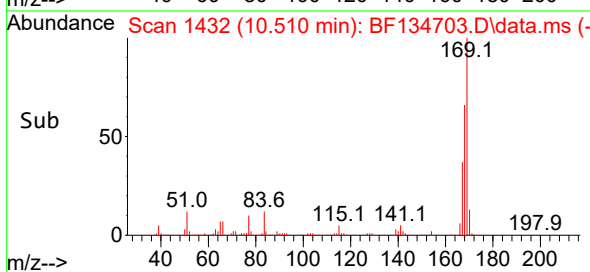
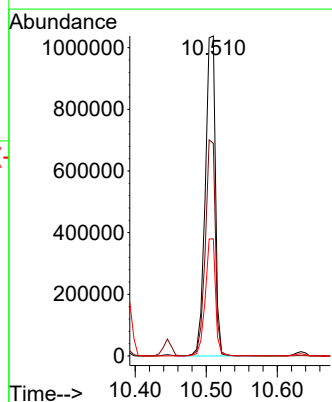
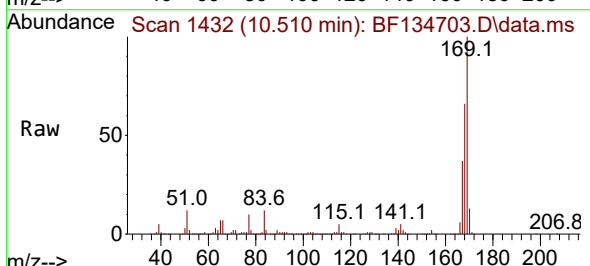
Instrument :
BNA_F
ClientSampleId :
PB154717BS

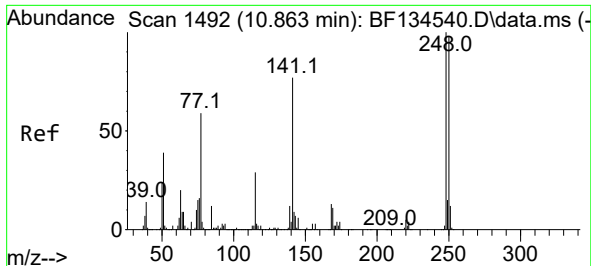
Tgt Ion:198 Resp: 207579
Ion Ratio Lower Upper
198 100
51 47.7 38.6 78.6
105 43.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 48.355 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:169 Resp: 1033209
Ion Ratio Lower Upper
169 100
168 66.5 52.6 78.8
167 36.6 29.8 44.8

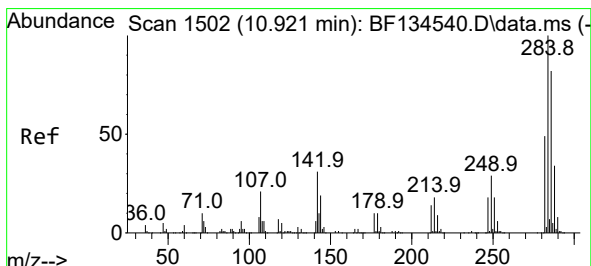
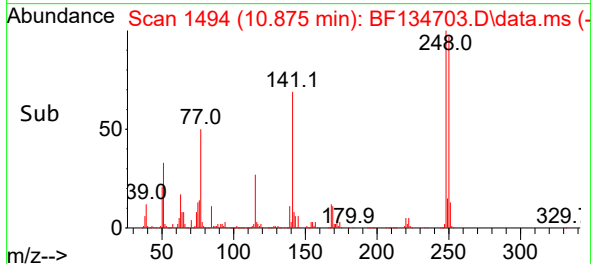
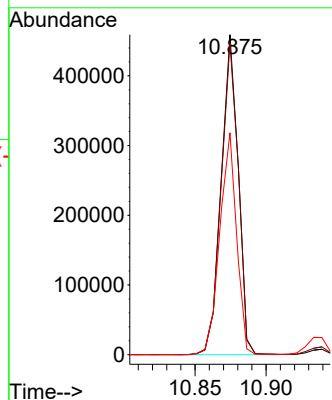
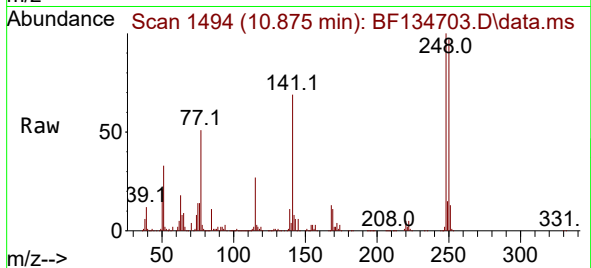




#67
4-Bromophenyl-phenylether
Concen: 52.063 ng
RT: 10.875 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

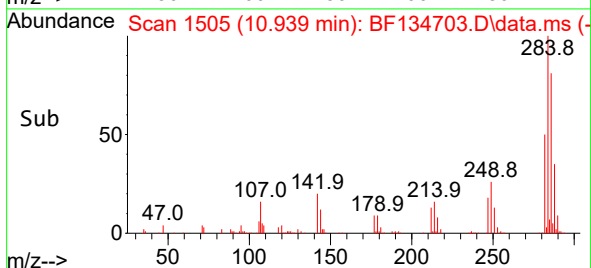
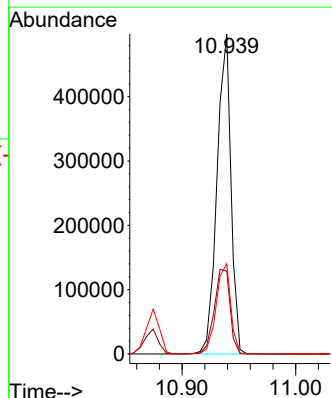
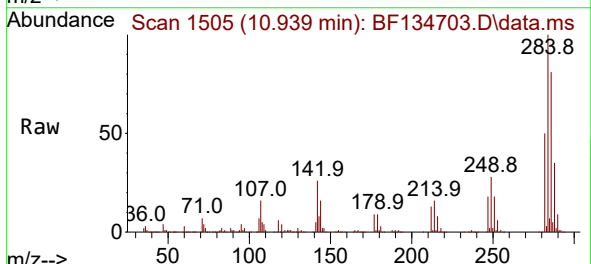
Instrument :
BNA_F
ClientSampleId :
PB154717BS

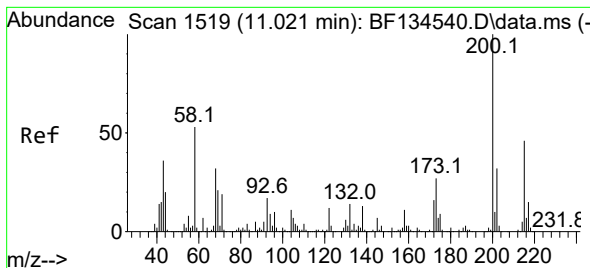
Tgt Ion:248 Resp: 382588
Ion Ratio Lower Upper
248 100
250 97.5 79.6 119.4
141 69.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 54.685 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:284 Resp: 424359
Ion Ratio Lower Upper
284 100
142 25.9 26.5 39.7#
249 28.2 23.8 35.8





#69

Atrazine

Concen: 63.983 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

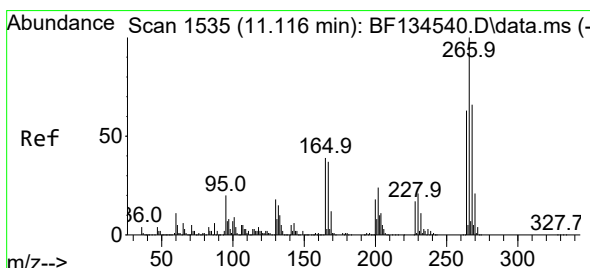
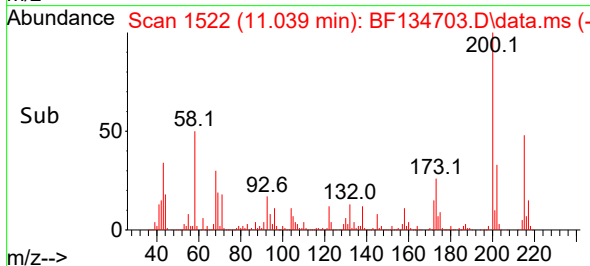
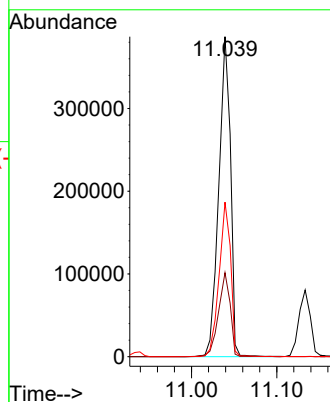
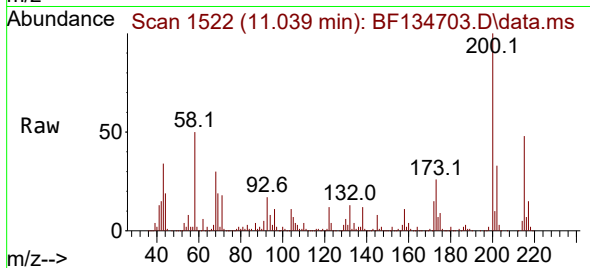
Tgt Ion:200 Resp: 368488

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

215 48.3 29.7 69.7



#70

Pentachlorophenol

Concen: 88.229 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

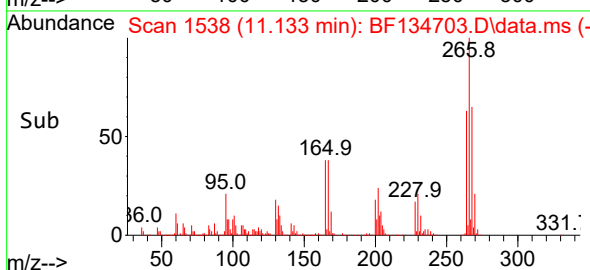
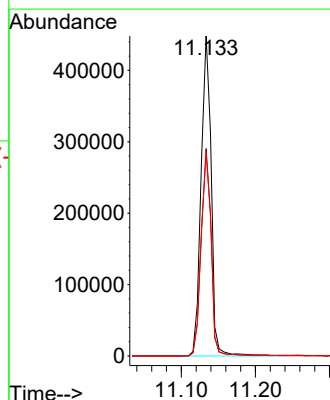
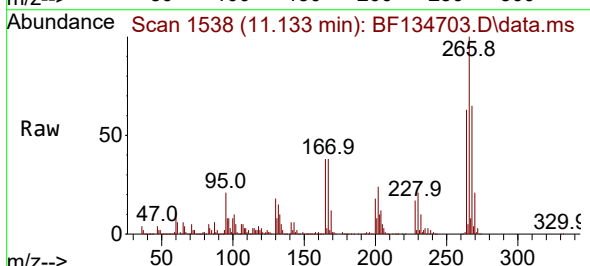
Tgt Ion:266 Resp: 423915

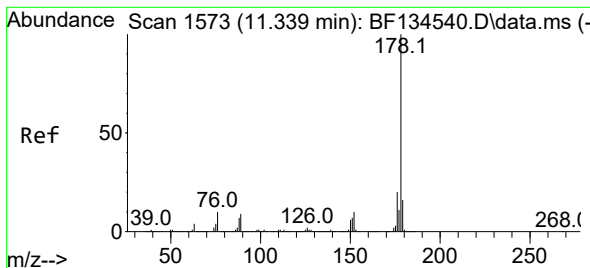
Ion Ratio Lower Upper

266 100

268 64.8 52.9 79.3

264 63.4 47.8 71.6





#71

Phenanthrene

Concen: 48.503 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

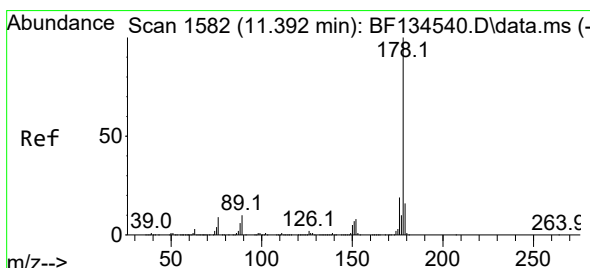
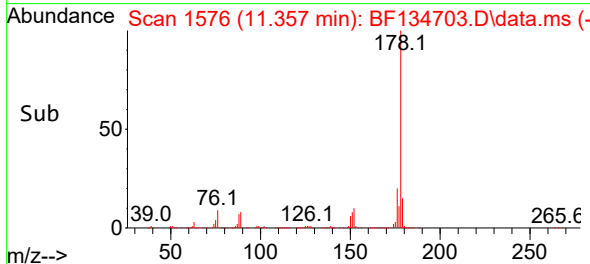
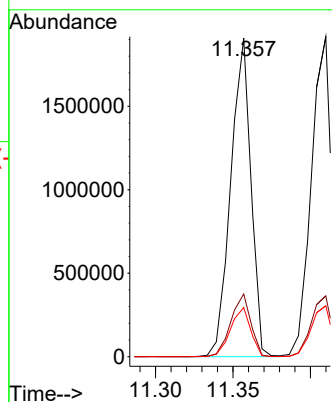
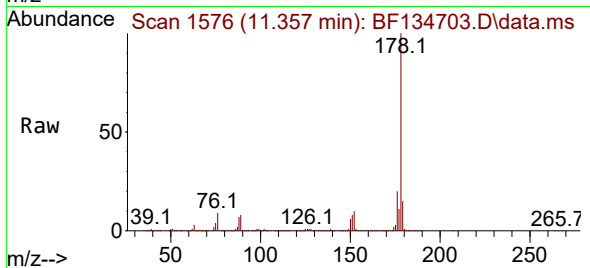
Tgt Ion:178 Resp: 1729476

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.4 12.7 19.1



#72

Anthracene

Concen: 48.074 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

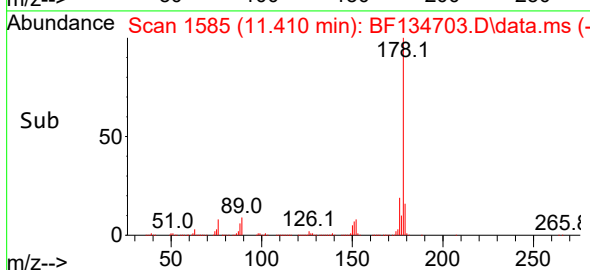
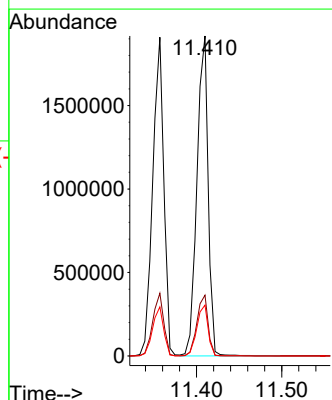
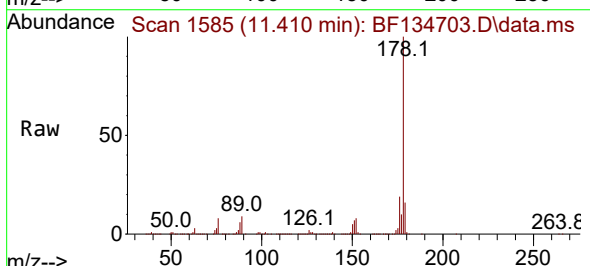
Tgt Ion:178 Resp: 1750917

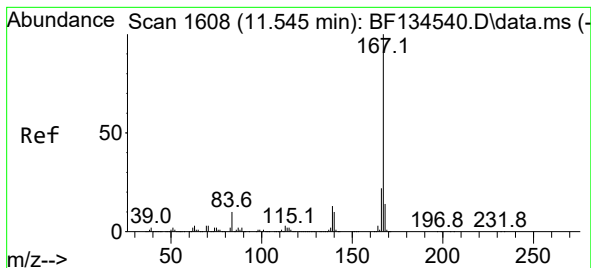
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.9 12.3 18.5





#73

Carbazole

Concen: 48.729 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

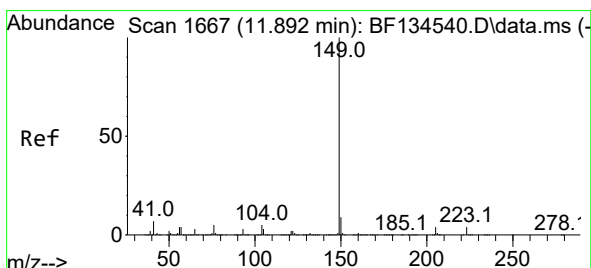
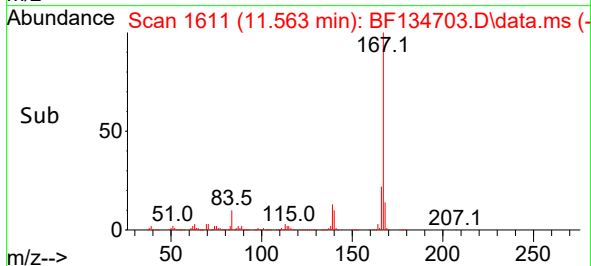
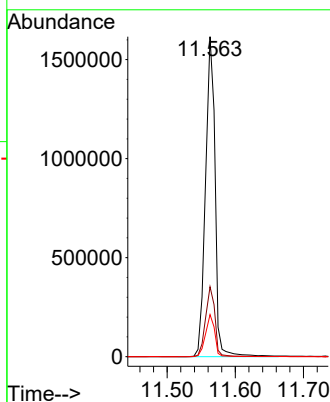
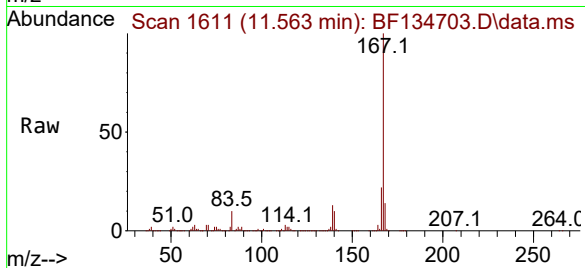
Tgt Ion:167 Resp: 1584664

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.1 11.0 16.4



#74

Di-n-butylphthalate

Concen: 54.692 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

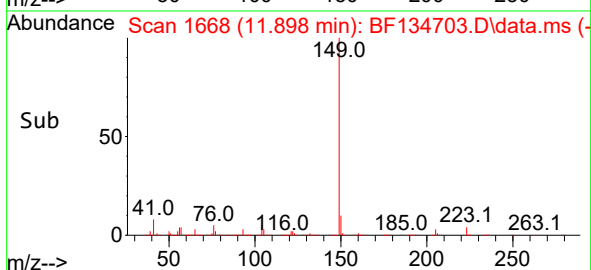
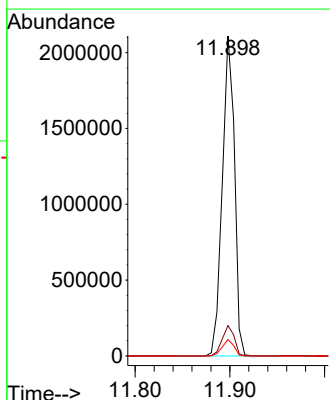
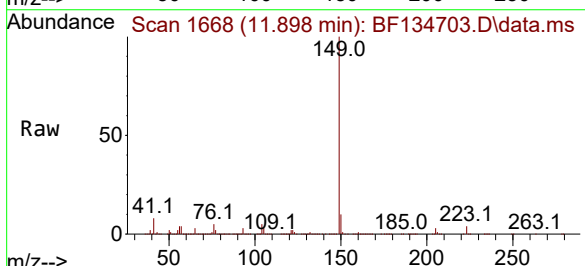
Tgt Ion:149 Resp: 1889530

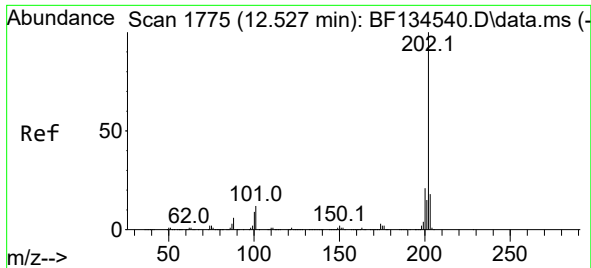
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 5.1 3.8 5.8

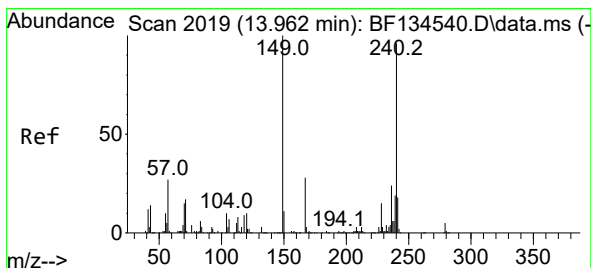
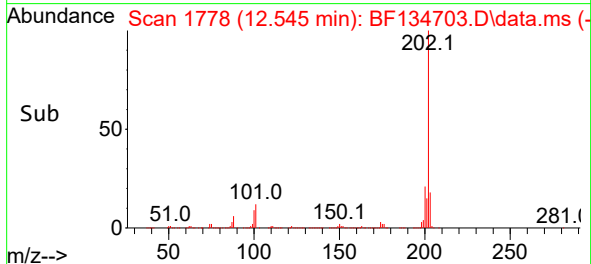
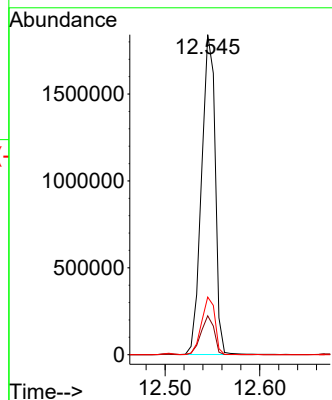
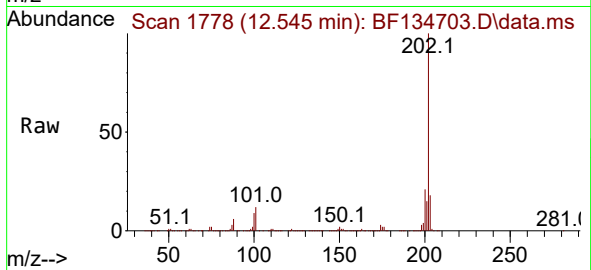




#75
Fluoranthene
Concen: 48.795 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

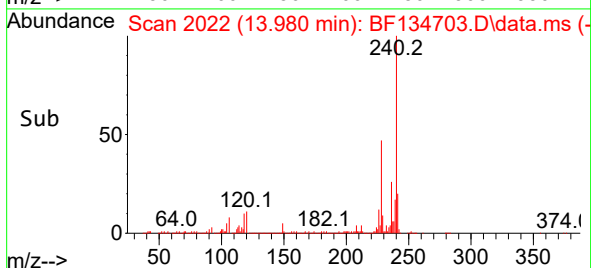
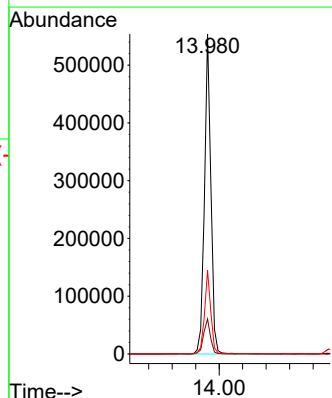
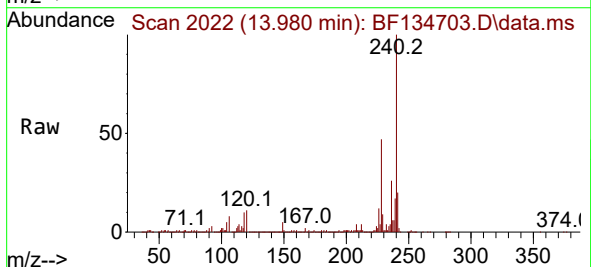
Instrument :
BNA_F
ClientSampleId :
PB154717BS

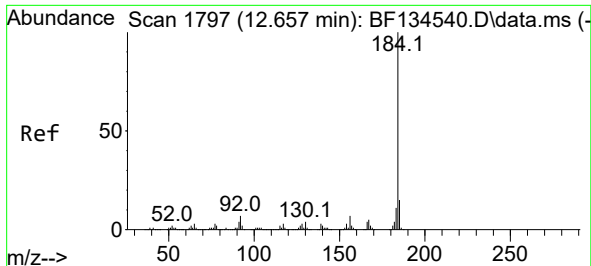
Tgt Ion:202 Resp: 1837847
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:240 Resp: 416910
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 26.2 20.2 30.2

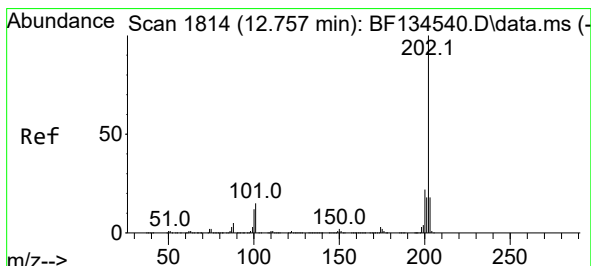
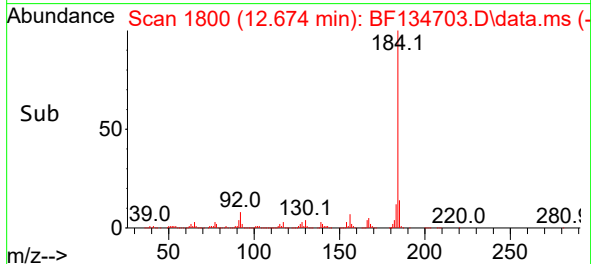
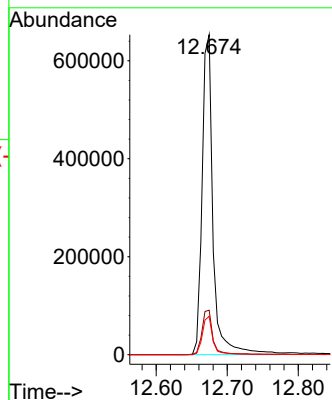
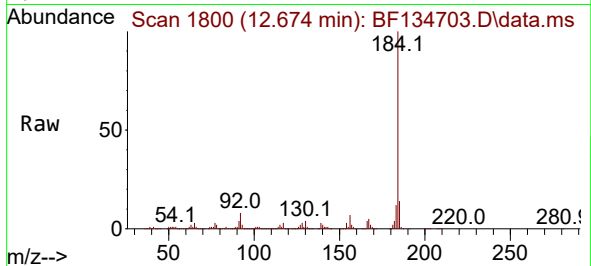




#77
Benzidine
Concen: 77.330 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

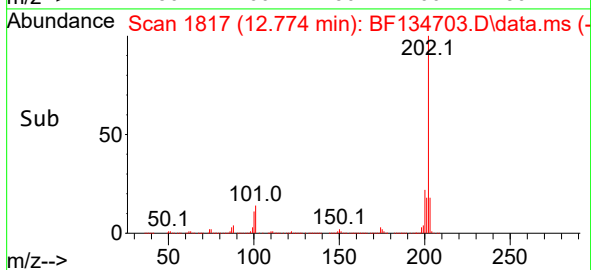
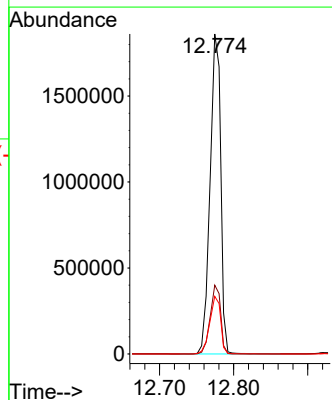
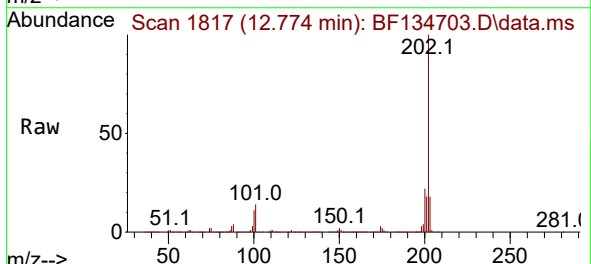
Instrument :
BNA_F
ClientSampleId :
PB154717BS

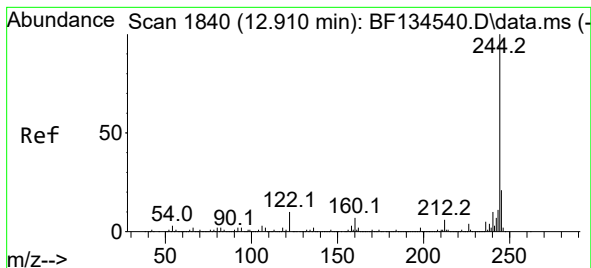
Tgt Ion:184 Resp: 699859
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 12.0 8.6 13.0



#78
Pyrene
Concen: 51.417 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF134703.D
Acq: 10 Aug 2023 11:07

Tgt Ion:202 Resp: 1854894
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.0 13.5 20.3





#79

Terphenyl-d14

Concen: 103.587 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

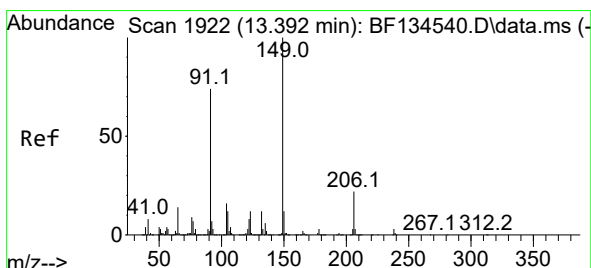
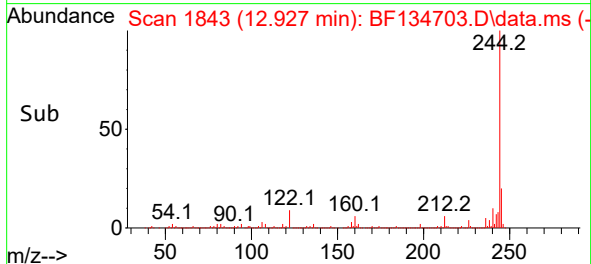
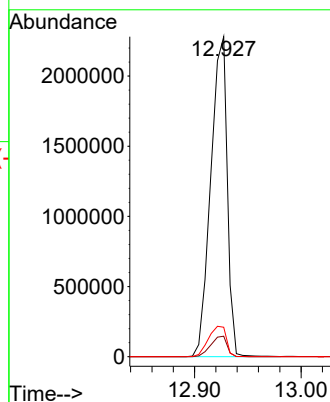
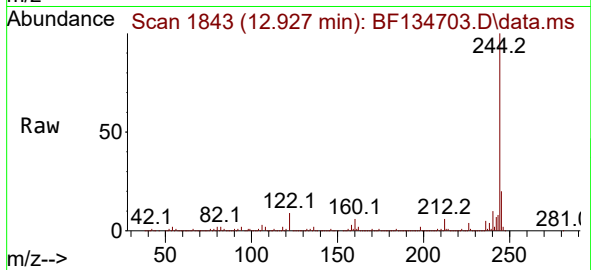
Tgt Ion:244 Resp: 2449789

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 9.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 61.100 ng

RT: 13.404 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

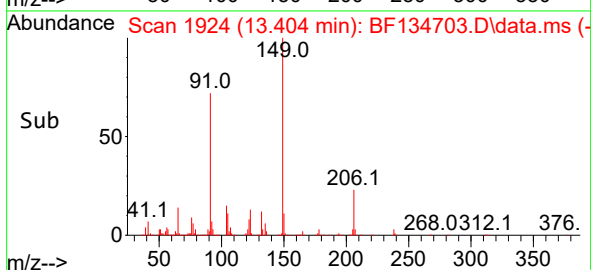
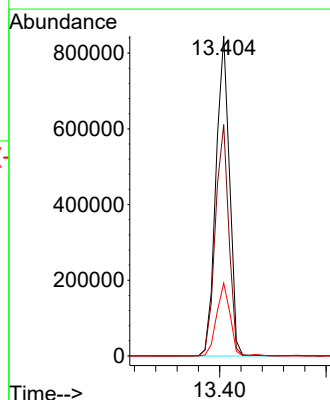
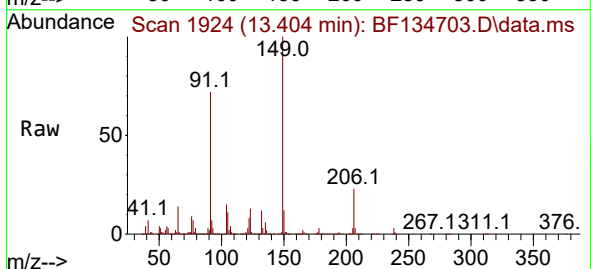
Tgt Ion:149 Resp: 745354

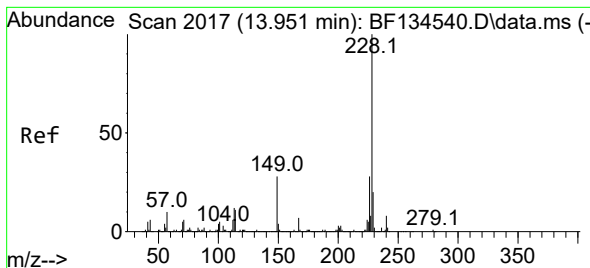
Ion Ratio Lower Upper

149 100

91 72.3 55.8 83.6

206 22.7 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 46.499 ng

RT: 13.969 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

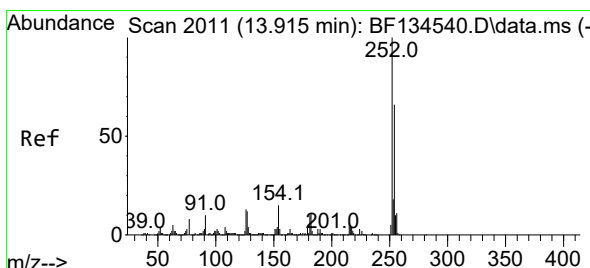
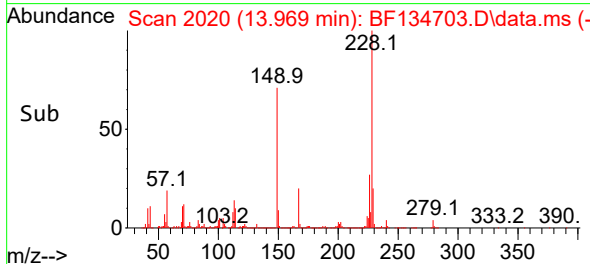
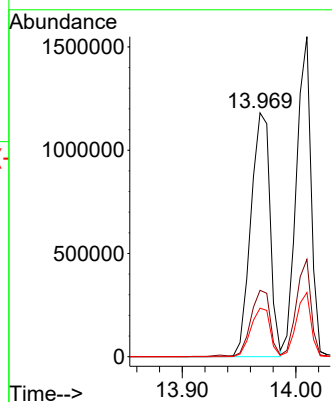
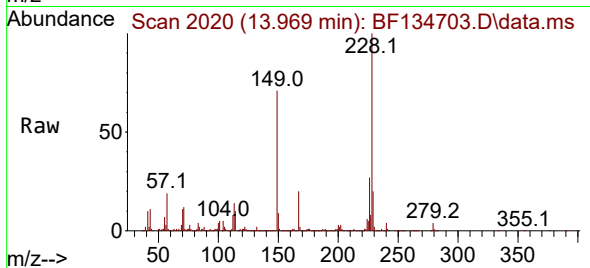
Tgt Ion:228 Resp: 1386175

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.709 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

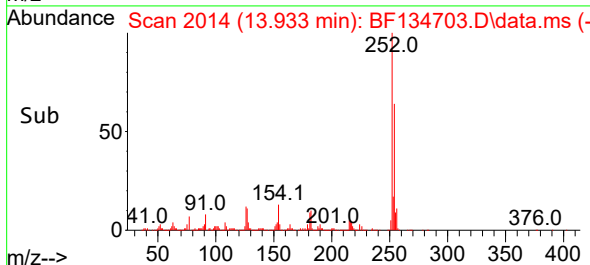
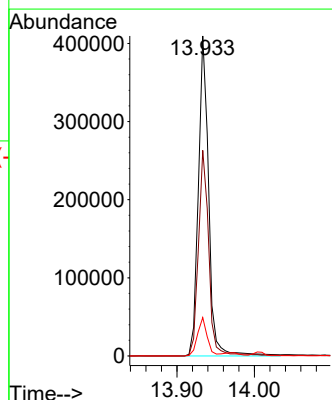
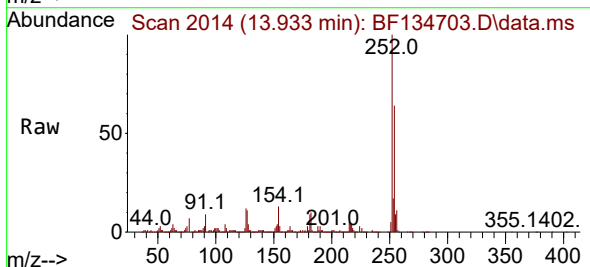
Tgt Ion:252 Resp: 377692

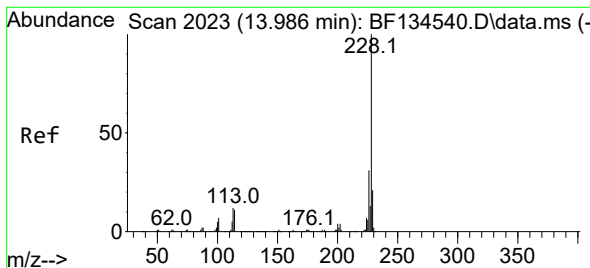
Ion Ratio Lower Upper

252 100

254 64.3 52.7 79.1

126 12.0 7.2 10.8#





#83

Chrysene

Concen: 48.232 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

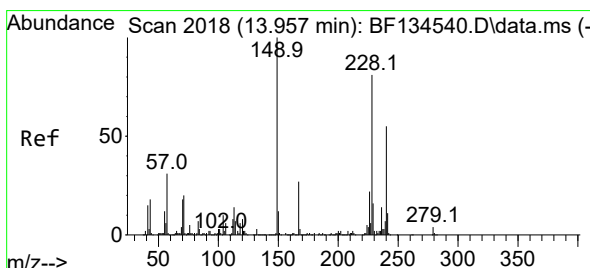
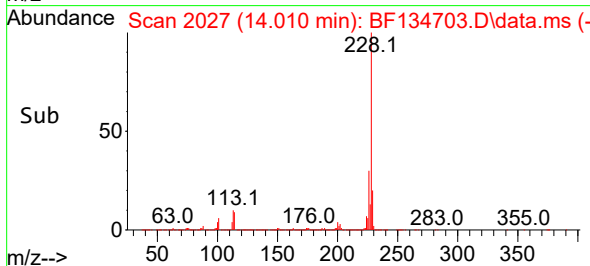
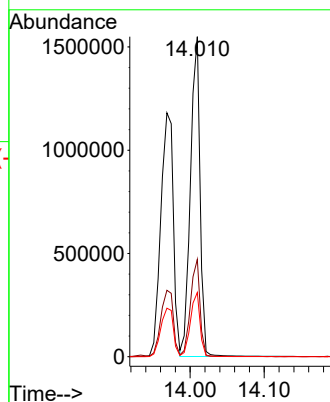
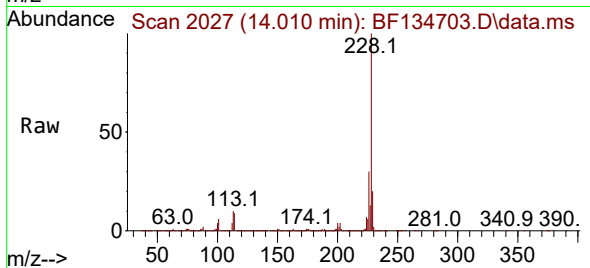
Tgt Ion:228 Resp: 1400855

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.879 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

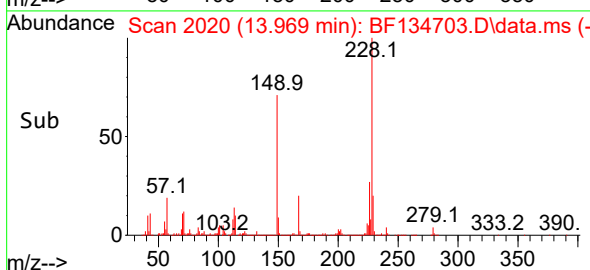
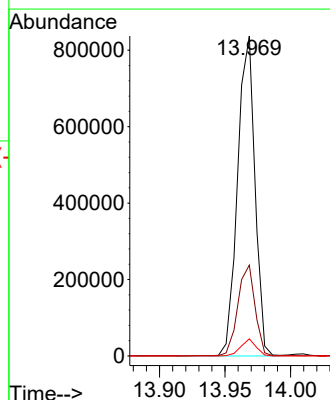
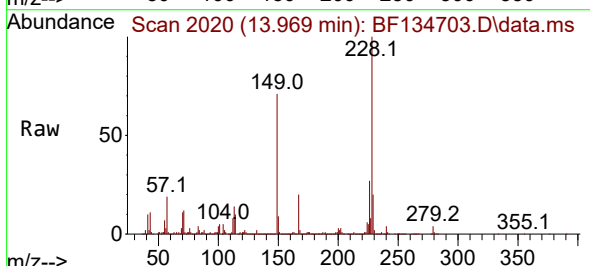
Tgt Ion:149 Resp: 773474

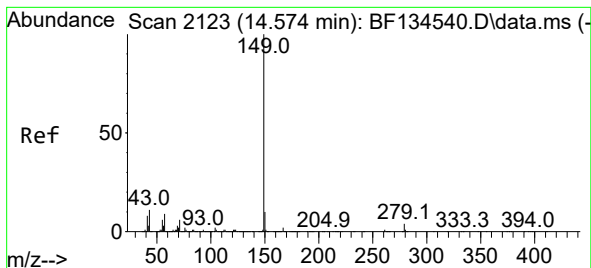
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 5.4 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 61.980 ng

RT: 14.580 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

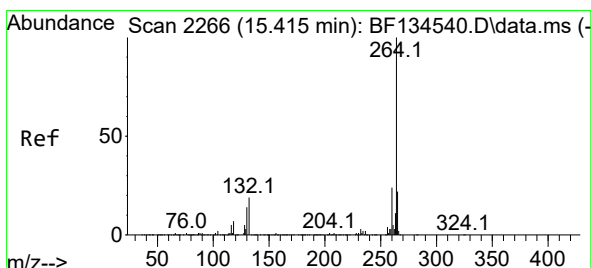
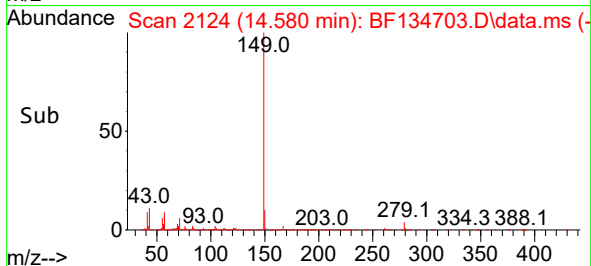
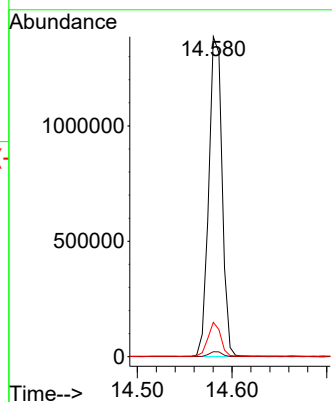
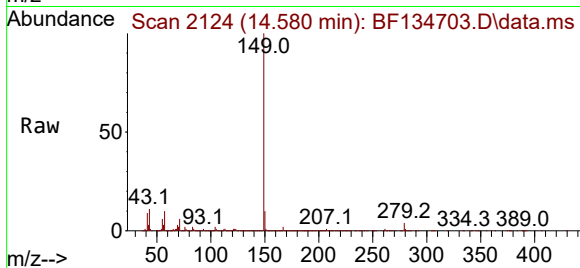
Tgt Ion:149 Resp: 1353057

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

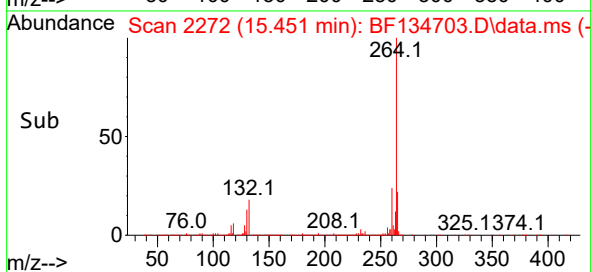
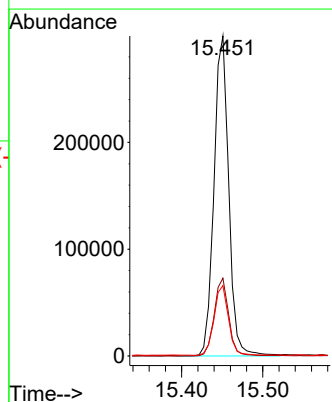
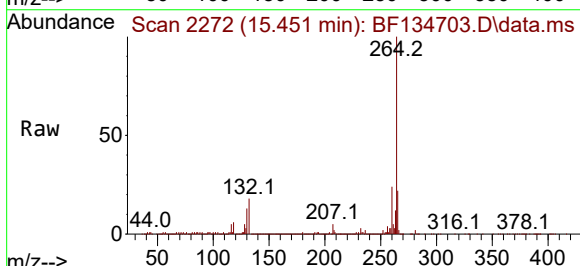
Tgt Ion:264 Resp: 377976

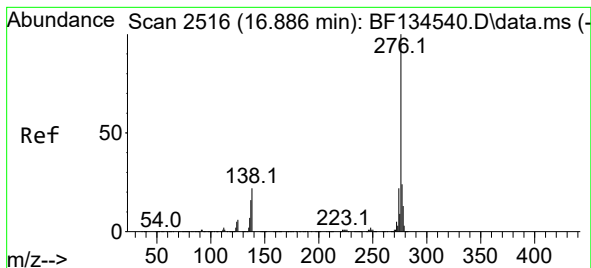
Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.0 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.675 ng

RT: 16.957 min Scan# 2199

Delta R.T. 0.030 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

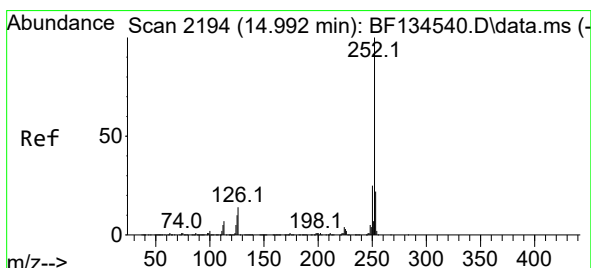
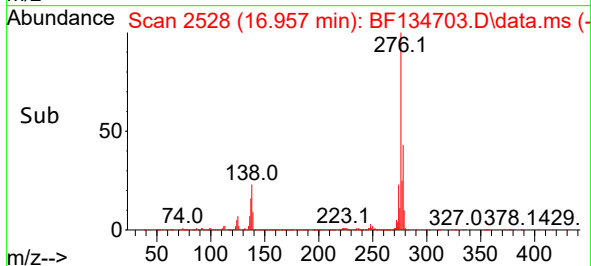
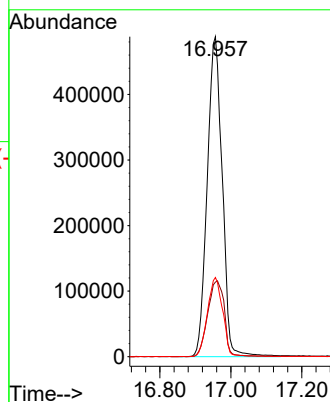
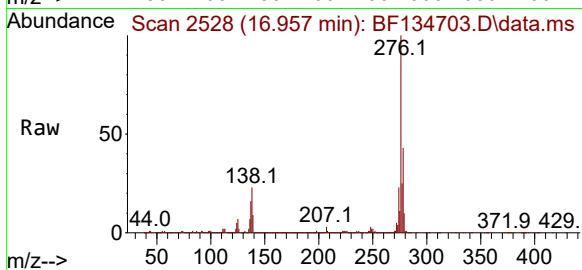
Tgt Ion:276 Resp: 1437711

Ion Ratio Lower Upper

276 100

138 26.2 14.2 21.4#

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 52.309 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

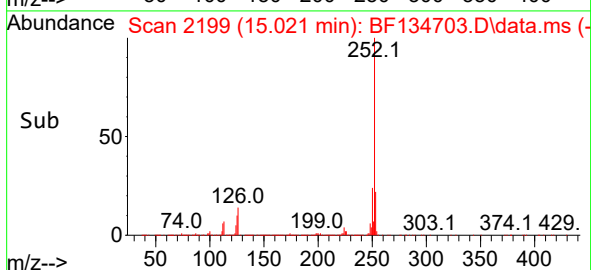
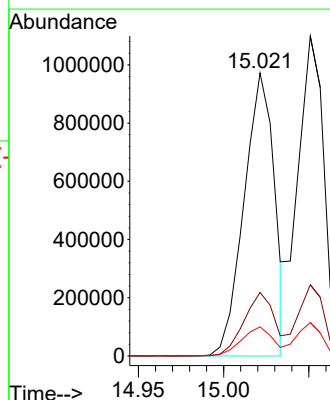
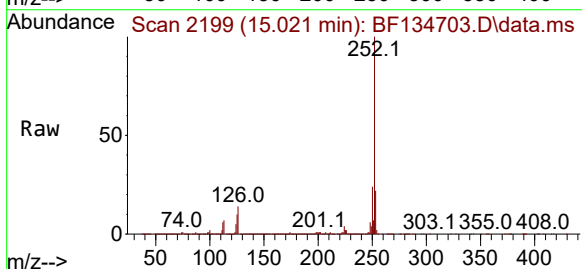
Tgt Ion:252 Resp: 1205836

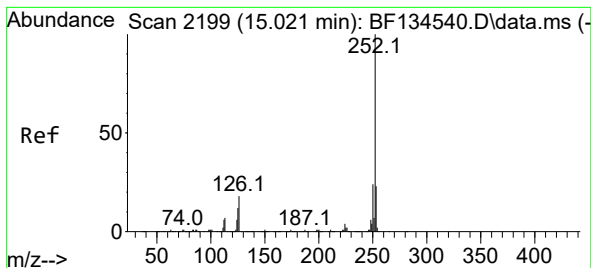
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.3 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 51.689 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

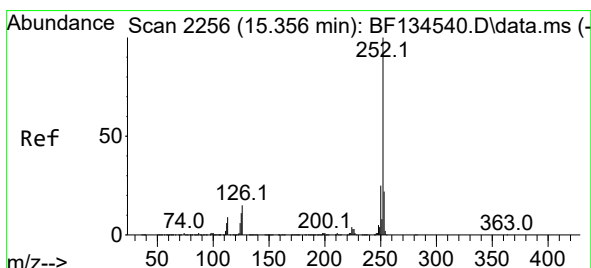
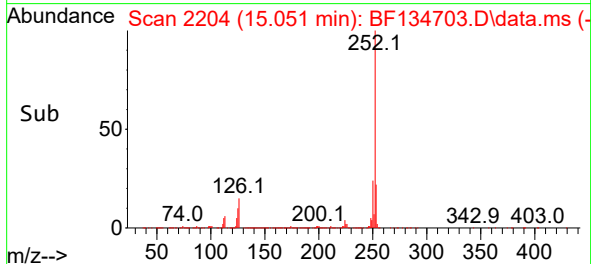
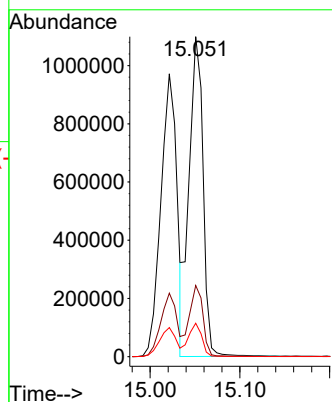
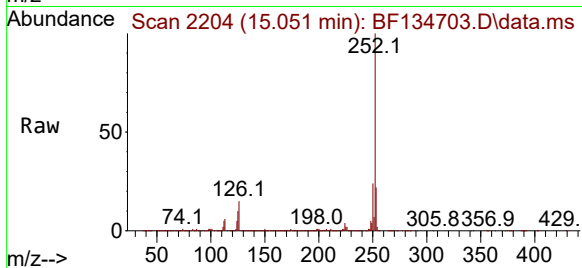
Tgt Ion:252 Resp: 1186995

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 10.4 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 49.351 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

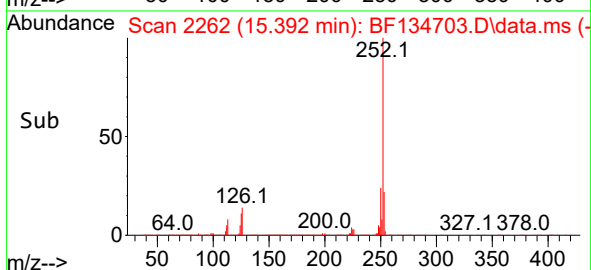
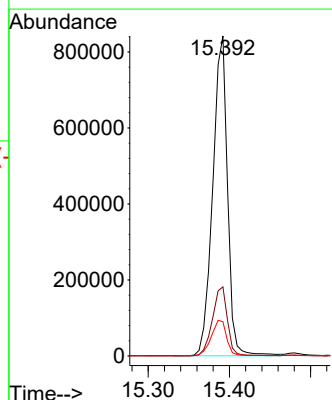
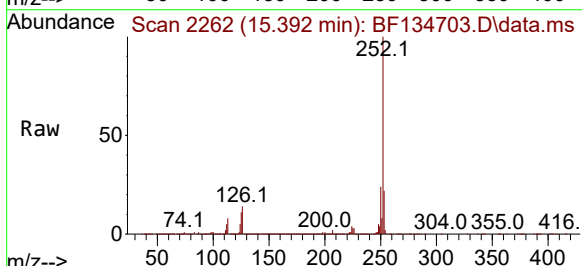
Tgt Ion:252 Resp: 1060735

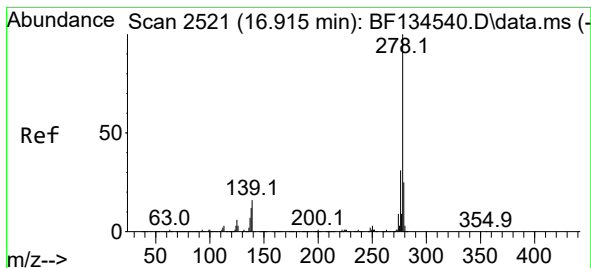
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 10.7 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 65.451 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB154717BS

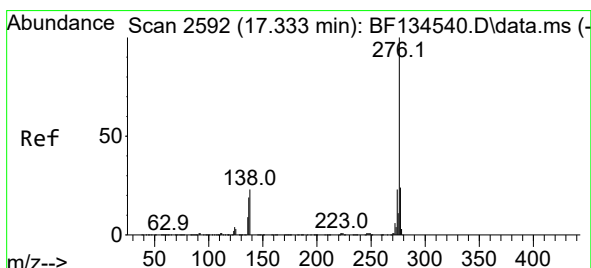
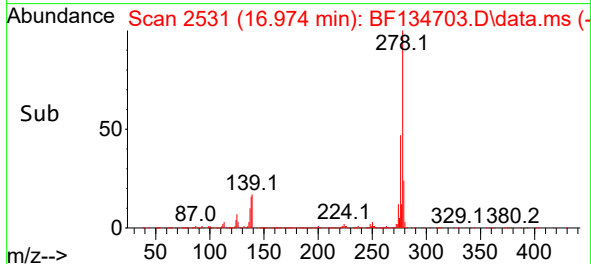
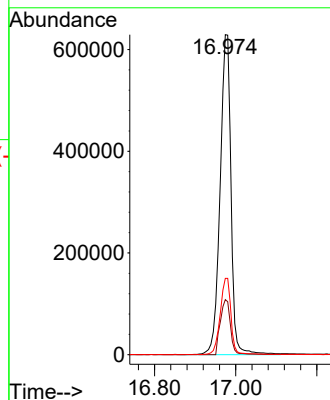
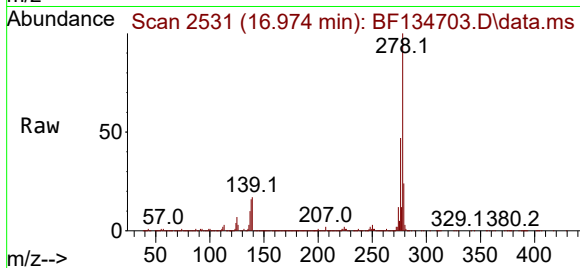
Tgt Ion:278 Resp: 1175837

Ion Ratio Lower Upper

278 100

139 17.2 10.0 15.0#

279 23.9 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 63.494 ng

RT: 17.409 min Scan# 2605

Delta R.T. 0.035 min

Lab File: BF134703.D

Acq: 10 Aug 2023 11:07

Tgt Ion:276 Resp: 1163568

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 21.6 12.2 18.2#

