

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132684.D
 Acq On : 07 Mar 2023 18:34
 Operator : CG\JU
 Sample : 01825-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MS

Quant Time: Mar 08 04:41:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	181629	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	664368	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	353412	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	665631	20.000	ng	0.00
76) Chrysene-d12	14.192	240	336739	20.000	ng	# 0.00
86) Perylene-d12	15.739	264	381622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1138769	101.756	ng	0.01
7) Phenol-d6	6.622	99	1475984	101.057	ng	0.00
23) Nitrobenzene-d5	7.557	82	958266	68.432	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	389955	102.171	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1441117	62.090	ng	0.00
79) Terphenyl-d14	13.121	244	1469142	73.765	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	248912	40.209	ng	97
3) Pyridine	3.681	79	643713	39.174	ng	96
4) n-Nitrosodimethylamine	3.651	42	261450	42.123	ng	92
6) Aniline	6.651	93	635044	32.309	ng	97
8) 2-Chlorophenol	6.775	128	546964	47.091	ng	99
9) Benzaldehyde	6.539	77	274930	34.885	ng	99
10) Phenol	6.634	94	713395	42.604	ng	98
11) bis(2-Chloroethyl)ether	6.722	93	575731	44.538	ng	96
12) 1,3-Dichlorobenzene	6.934	146	564136	45.260	ng	96
13) 1,4-Dichlorobenzene	7.004	146	569564	45.763	ng	99
14) 1,2-Dichlorobenzene	7.157	146	545033	45.631	ng	99
15) Benzyl Alcohol	7.134	79	505235	44.916	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.263	45	713119	43.261	ng	99
17) 2-Methylphenol	7.239	107	459665	42.404	ng	98
18) Hexachloroethane	7.504	117	221983	45.653	ng	92
19) n-Nitroso-di-n-propyla...	7.404	70	354987	39.492	ng	94
20) 3+4-Methylphenols	7.392	107	513250	36.649	ng	# 85
22) Acetophenone	7.398	105	690337	41.208	ng	93
24) Nitrobenzene	7.575	77	620611	41.440	ng	97
25) Isophorone	7.810	82	1140563	42.484	ng	99
26) 2-Nitrophenol	7.892	139	295069	44.655	ng	96
27) 2,4-Dimethylphenol	7.922	122	451581	43.301	ng	99
28) bis(2-Chloroethoxy)met...	8.016	93	674090	42.921	ng	100
29) 2,4-Dichlorophenol	8.133	162	452824	43.649	ng	99
30) 1,2,4-Trichlorobenzene	8.216	180	507000	45.007	ng	99
31) Naphthalene	8.298	128	1432208	42.110	ng	99
32) Benzoic acid	8.051	122	304727	37.952	ng	92
33) 4-Chloroaniline	8.345	127	184113	12.632	ng	94
34) Hexachlorobutadiene	8.410	225	317171	44.308	ng	99
35) Caprolactam	8.728	113	114434	33.459	ng	100
36) 4-Chloro-3-methylphenol	8.828	107	503541	44.197	ng	97
37) 2-Methylnaphthalene	8.992	142	942011	40.642	ng	98
38) 1-Methylnaphthalene	9.092	142	874741	40.383	ng	99
40) 1,2,4,5-Tetrachloroben...	9.157	216	508388	43.968	ng	99
41) Hexachlorocyclopentadiene	9.139	237	492581	78.542	ng	99
43) 2,4,6-Trichlorophenol	9.269	196	346516	44.221	ng	99

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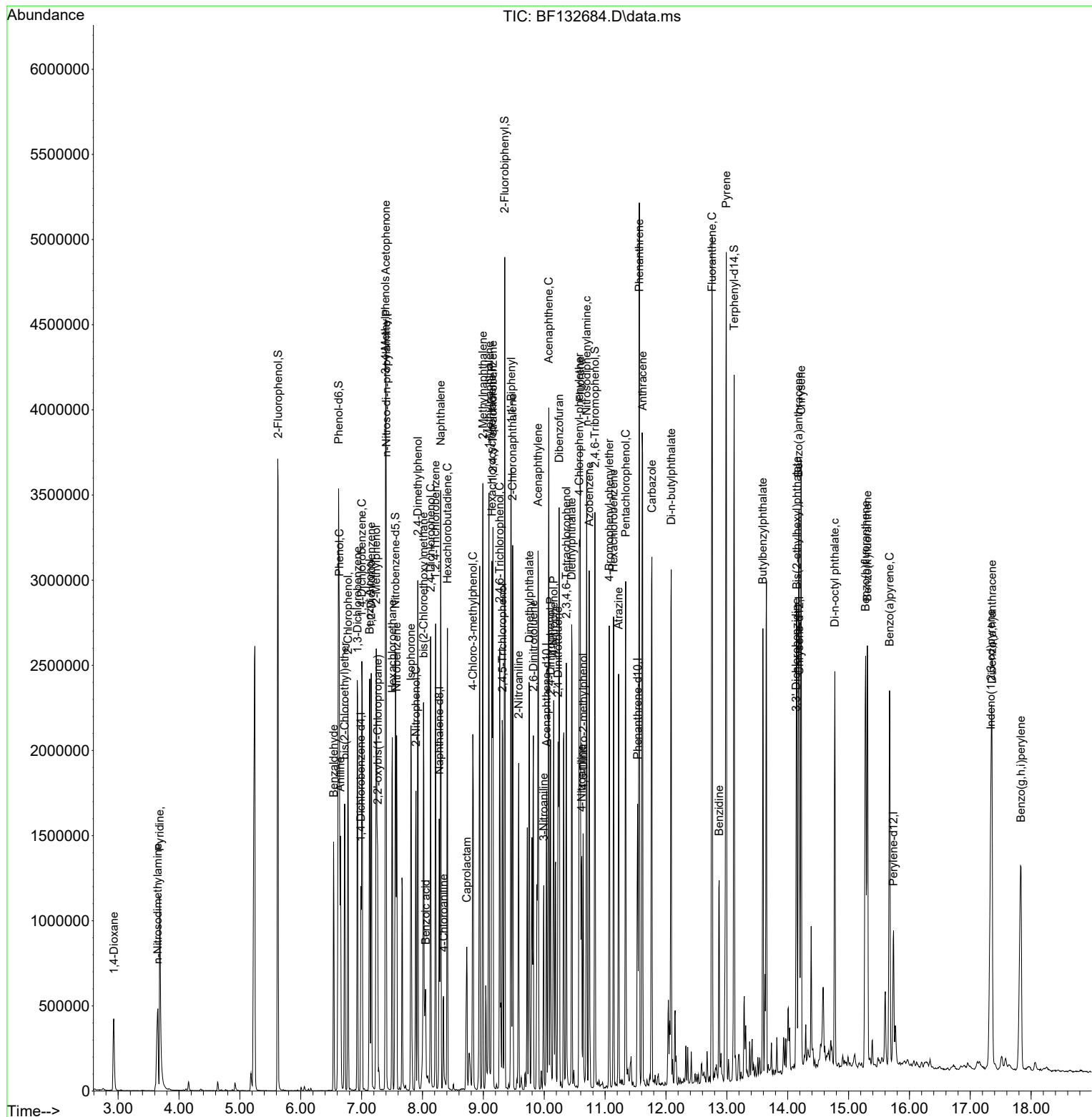
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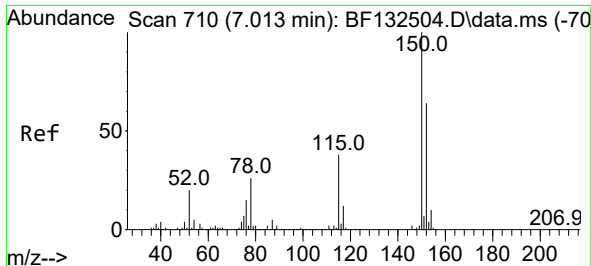
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.316	196	369483	40.399	ng	97
46) 1,1'-Biphenyl	9.457	154	1149195	42.962	ng	98
47) 2-Chloronaphthalene	9.480	162	931473	43.921	ng	100
48) 2-Nitroaniline	9.580	65	314624	40.280	ng	91
49) Acenaphthylene	9.898	152	1426409	42.260	ng	100
50) Dimethylphthalate	9.757	163	1113430	43.269	ng	99
51) 2,6-Dinitrotoluene	9.822	165	258063	44.035	ng	92
52) Acenaphthene	10.075	154	868170	40.507	ng	100
53) 3-Nitroaniline	9.992	138	180040	27.464	ng	99
54) 2,4-Dinitrophenol	10.104	184	287207	77.822	ng	97
55) Dibenzofuran	10.245	168	1304912	41.763	ng	98
56) 4-Nitrophenol	10.157	139	381587	78.051	ng	96
57) 2,4-Dinitrotoluene	10.227	165	337796	43.327	ng	99
58) Fluorene	10.592	166	1030325	43.110	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.363	232	302706	44.556	ng	100
60) Diethylphthalate	10.451	149	1063406	42.313	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	520352	41.969	ng	99
62) 4-Nitroaniline	10.616	138	265816	41.308	ng	97
63) Azobenzene	10.739	77	1122103	42.158	ng	99
65) 4,6-Dinitro-2-methylph...	10.639	198	196113	43.523	ng	97
66) n-Nitrosodiphenylamine	10.698	169	897216	43.236	ng	99
67) 4-Bromophenyl-phenylether	11.069	248	332430	44.151	ng	98
68) Hexachlorobenzene	11.139	284	369236	46.605	ng	# 93
69) Atrazine	11.222	200	307693	47.495	ng	98
70) Pentachlorophenol	11.339	266	353010	74.891	ng	97
71) Phenanthrene	11.563	178	2047974	59.391	ng	99
72) Anthracene	11.616	178	1627798	45.841	ng	99
73) Carbazole	11.769	167	1351119	42.202	ng	99
74) Di-n-butylphthalate	12.086	149	1607408	42.802	ng	99
75) Fluoranthene	12.757	202	2409143	63.908	ng	98
77) Benzidine	12.874	184	504090	61.495	ng	100
78) Pyrene	12.992	202	2258568	73.772	ng	100
80) Butylbenzylphthalate	13.592	149	589035	48.755	ng	97
81) Benzo(a)anthracene	14.180	228	1475641	58.567	ng	98
82) 3,3'-Dichlorobenzidine	14.139	252	206218	27.762	ng	99
83) Chrysene	14.221	228	1312343	55.700	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	765692	51.591	ng	98
85) Di-n-octyl phthalate	14.774	149	1172784	54.075	ng	98
87) Indeno(1,2,3-cd)pyrene	17.339	276	1412810	56.500	ng	99
88) Benzo(b)fluoranthene	15.280	252	1419379	55.500	ng	99
89) Benzo(k)fluoranthene	15.309	252	1195729	47.773	ng	98
90) Benzo(a)pyrene	15.674	252	1250353	52.238	ng	98
91) Dibenzo(a,h)anthracene	17.356	278	1010750	49.610	ng	97
92) Benzo(g,h,i)perylene	17.833	276	1172731	50.835	ng	99

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

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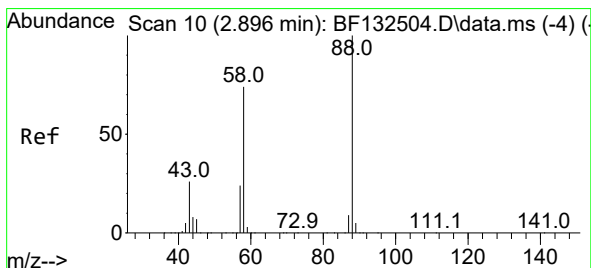
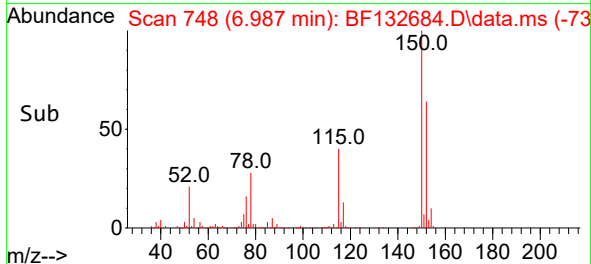
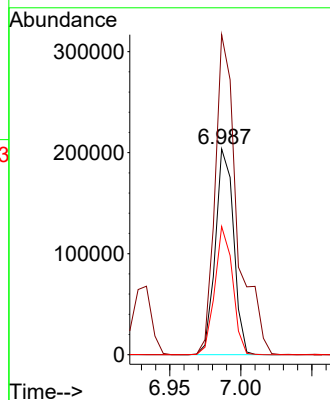
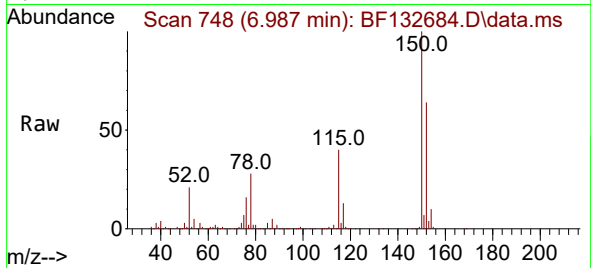




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

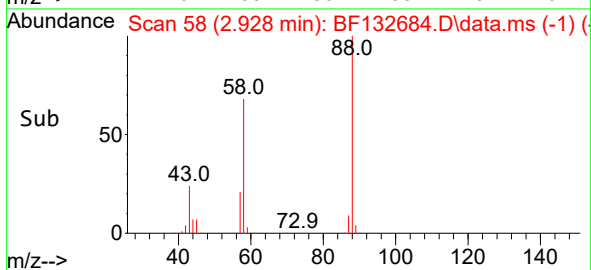
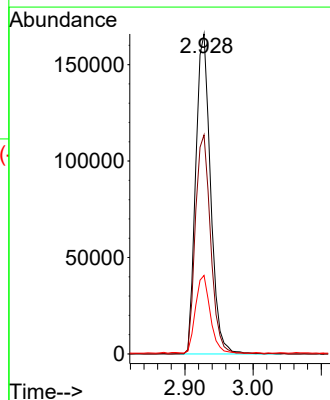
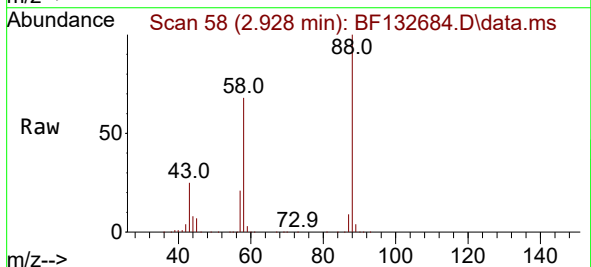
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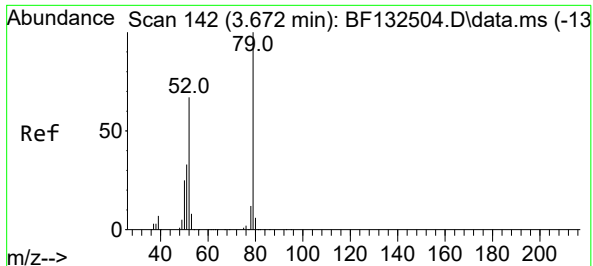
Tgt Ion:152 Resp: 181629
Ion Ratio Lower Upper
152 100
150 155.5 125.4 188.2
115 62.3 47.8 71.6



#2
1,4-Dioxane
Concen: 40.209 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.088 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion: 88 Resp: 248912
Ion Ratio Lower Upper
88 100
58 70.5 58.3 87.5
43 24.2 20.7 31.1





#3

Pyridine

Concen: 39.174 ng

RT: 3.681 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

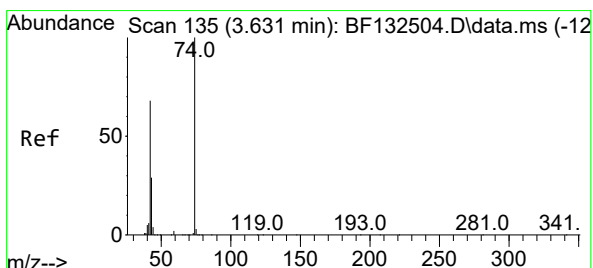
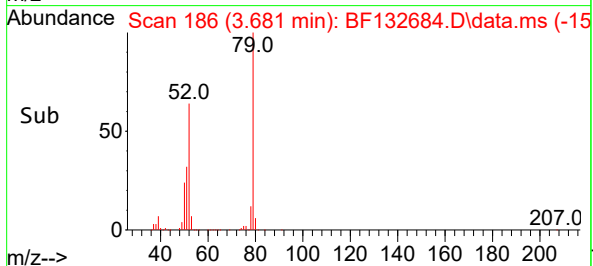
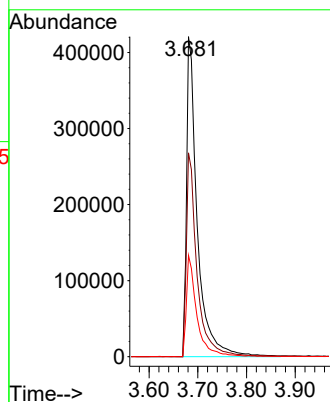
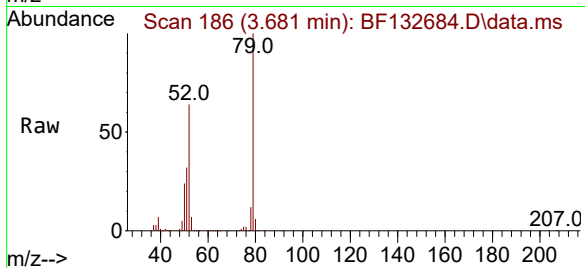
Tgt Ion: 79 Resp: 643713

Ion Ratio Lower Upper

79 100

52 63.7 53.7 80.5

51 31.7 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 42.123 ng

RT: 3.651 min Scan# 181

Delta R.T. 0.059 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

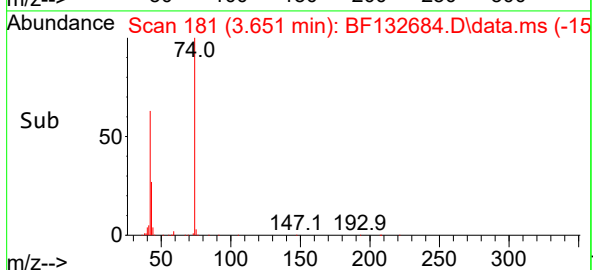
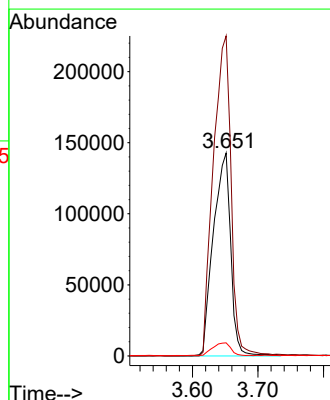
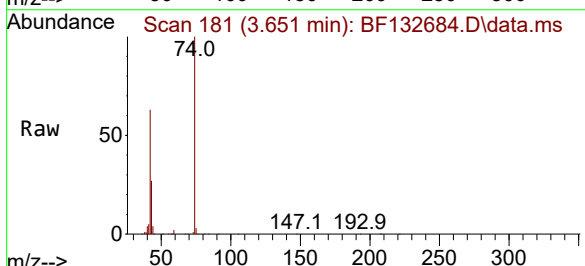
Tgt Ion: 42 Resp: 261450

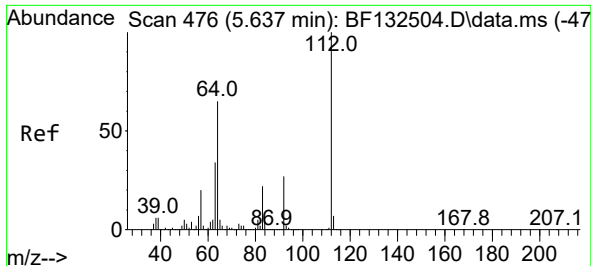
Ion Ratio Lower Upper

42 100

74 157.8 118.2 177.2

44 6.5 5.3 7.9

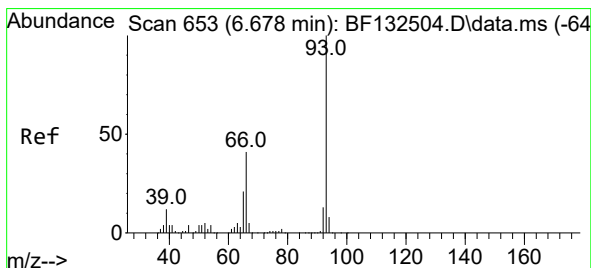
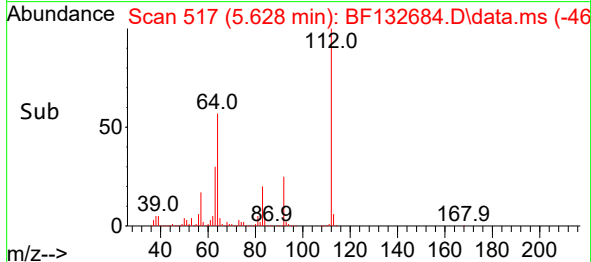
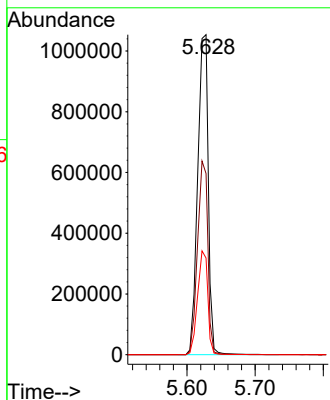
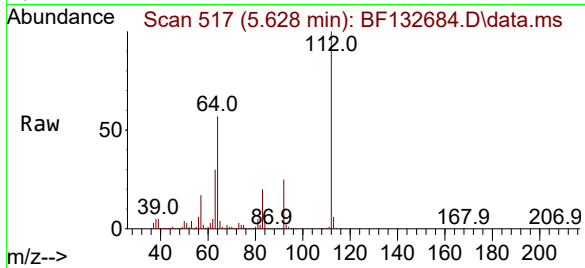




#5
2-Fluorophenol
Concen: 101.756 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

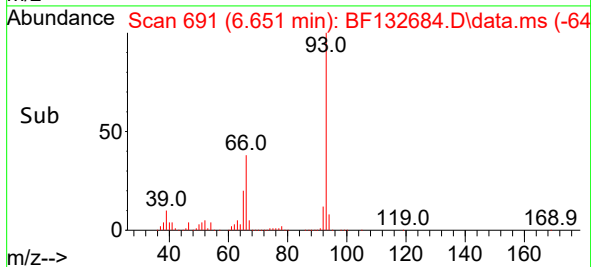
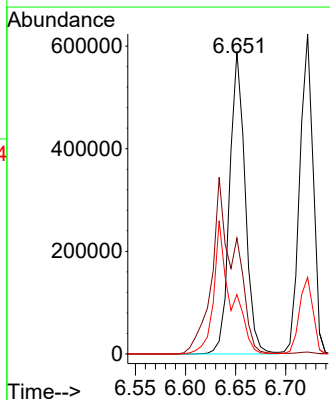
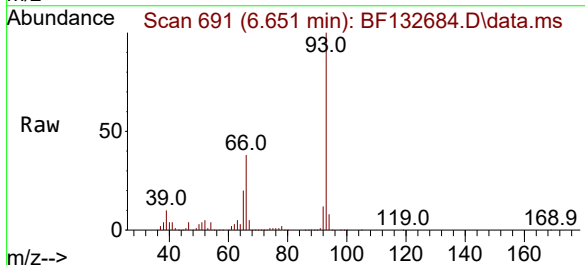
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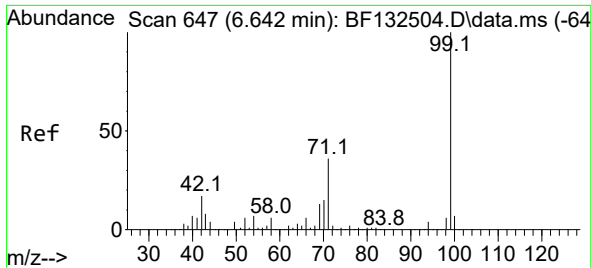
Tgt Ion:112 Resp: 1138769
Ion Ratio Lower Upper
112 100
64 56.6 51.6 77.4
63 30.2 27.4 41.2



#6
Aniline
Concen: 32.309 ng
RT: 6.651 min Scan# 691
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion: 93 Resp: 635044
Ion Ratio Lower Upper
93 100
66 38.3 32.5 48.7
65 19.6 16.6 24.8

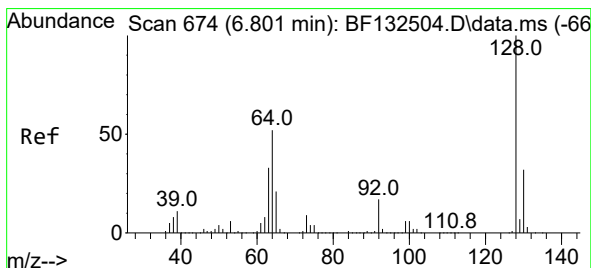
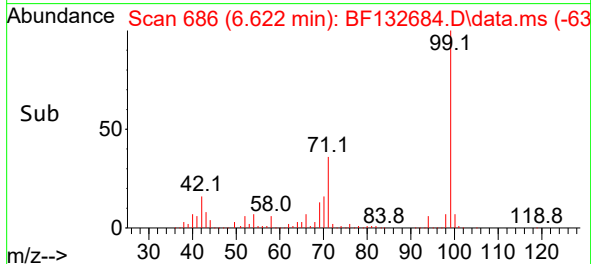
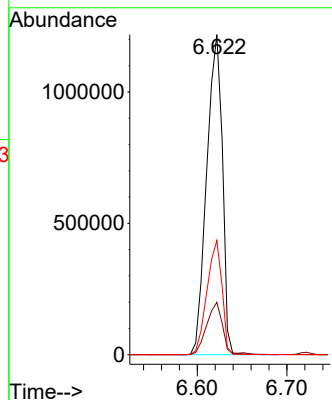
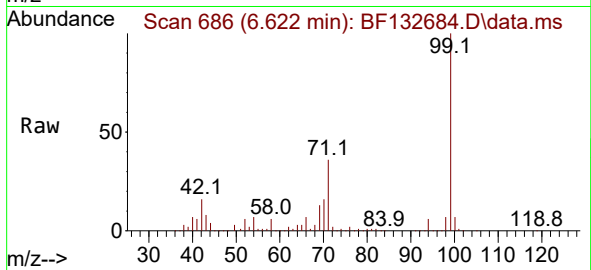




#7
Phenol-d6
Concen: 101.057 ng
RT: 6.622 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

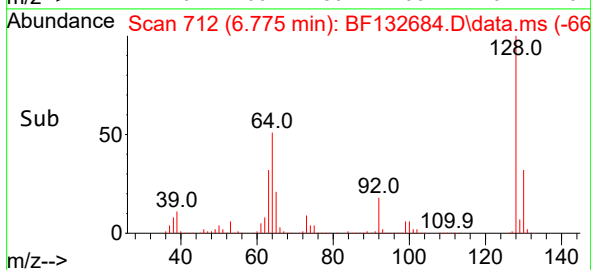
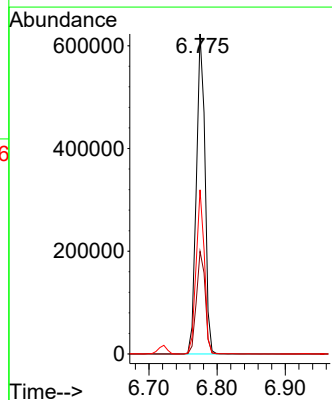
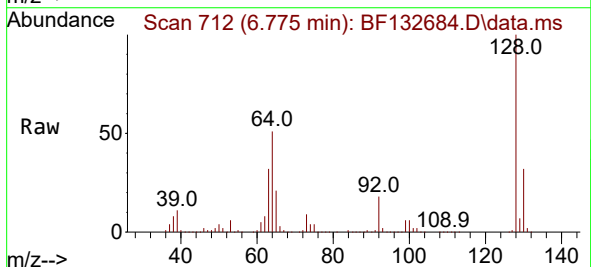
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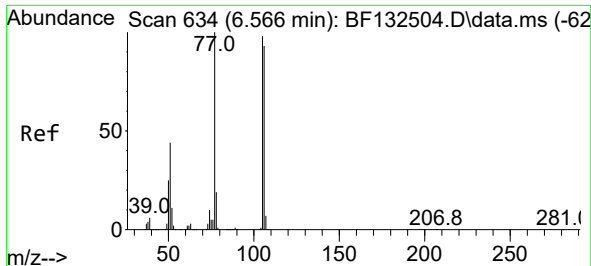
Tgt Ion: 99 Resp: 1475984
Ion Ratio Lower Upper
99 100
42 16.4 13.9 20.9
71 35.7 28.5 42.7



#8
2-Chlorophenol
Concen: 47.091 ng
RT: 6.775 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:128 Resp: 546964
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 51.3 32.0 72.0

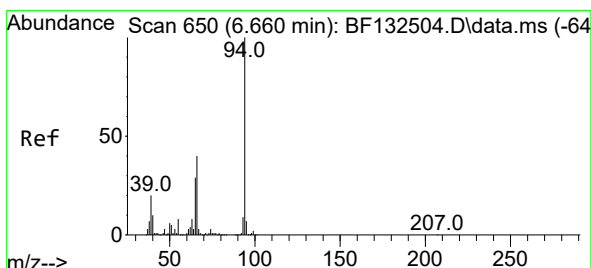
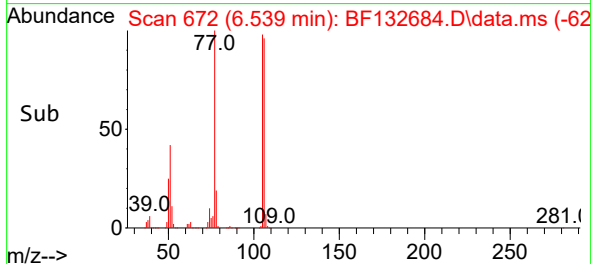
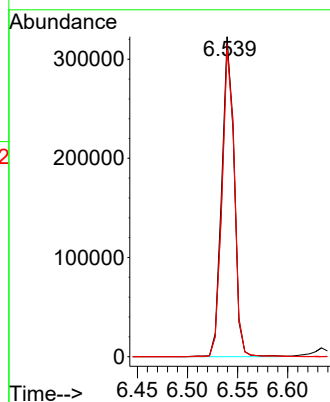
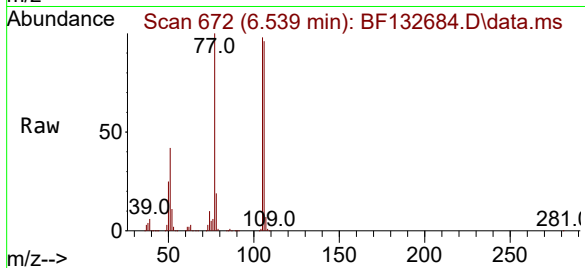




#9
Benzaldehyde
Concen: 34.885 ng
RT: 6.539 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

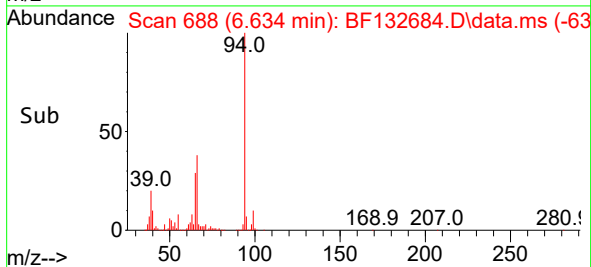
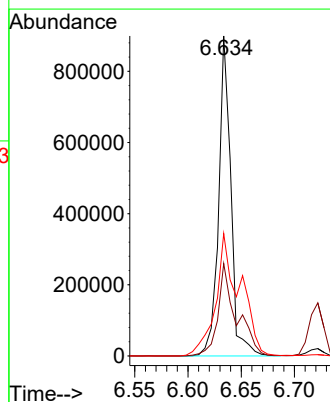
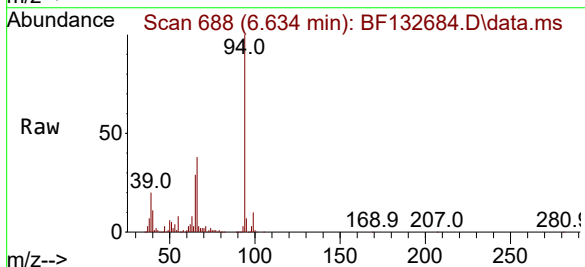
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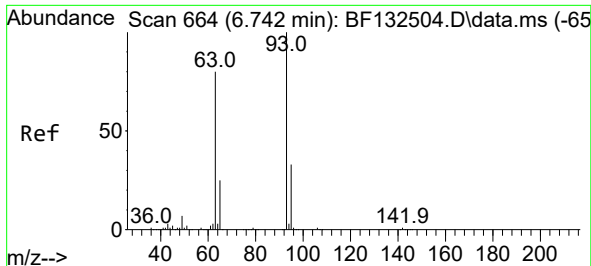
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Ion Ratio Lower Upper
77 100
105 97.8 77.9 117.9
106 95.9 73.4 113.4



#10
Phenol
Concen: 42.604 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion: 94 Resp: 713395
Ion Ratio Lower Upper
94 100
65 28.9 9.4 49.4
66 38.3 19.8 59.8

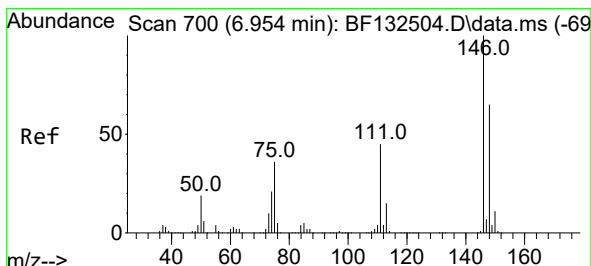
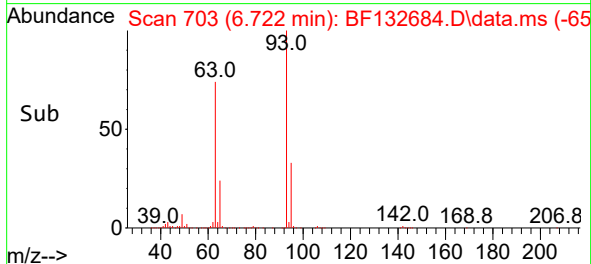
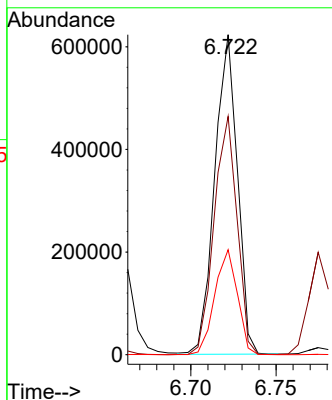
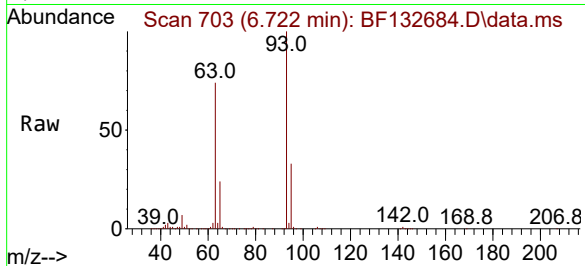




#11
bis(2-Chloroethyl)ether
Concen: 44.538 ng
RT: 6.722 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

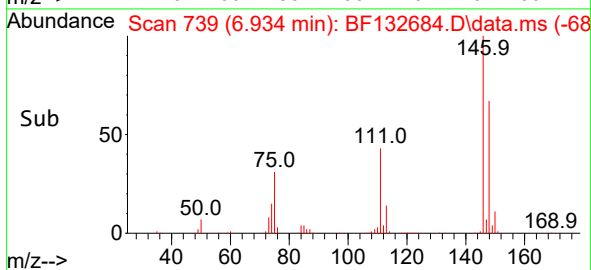
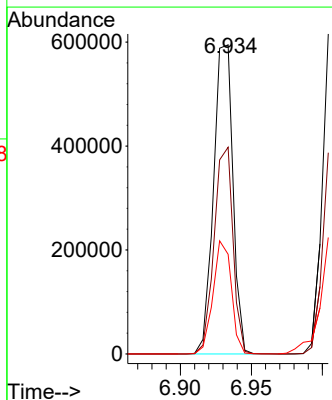
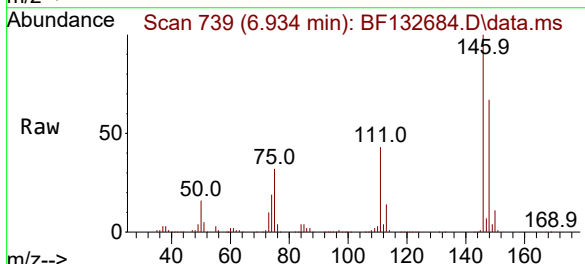
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

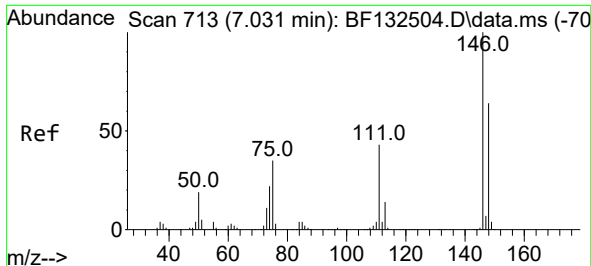
Tgt Ion: 93 Resp: 575731
Ion Ratio Lower Upper
93 100
63 74.5 59.6 99.6
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.260 ng
RT: 6.934 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:146 Resp: 564136
Ion Ratio Lower Upper
146 100
148 66.9 51.9 77.9
75 32.2 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 45.763 ng

RT: 7.004 min Scan# 713

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

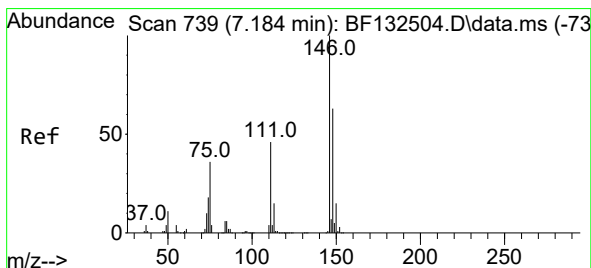
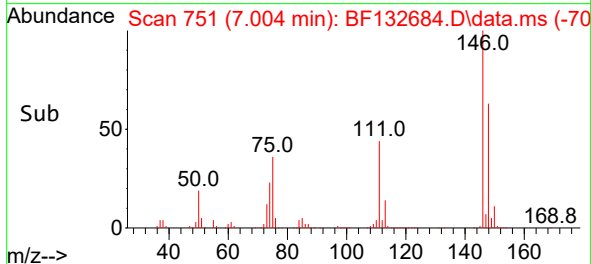
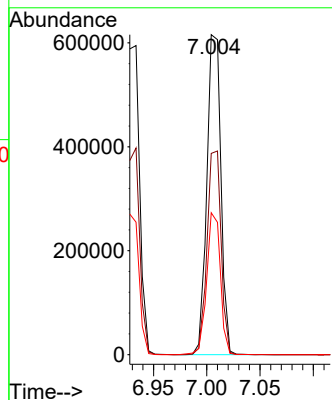
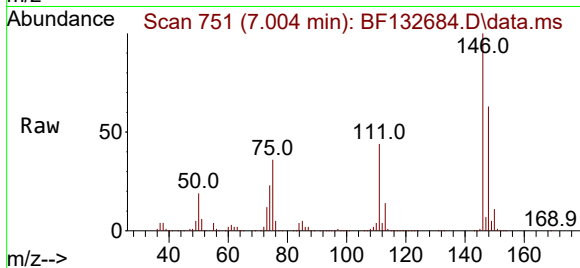
Tgt Ion:146 Resp: 569564

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

111 44.3 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 45.631 ng

RT: 7.157 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

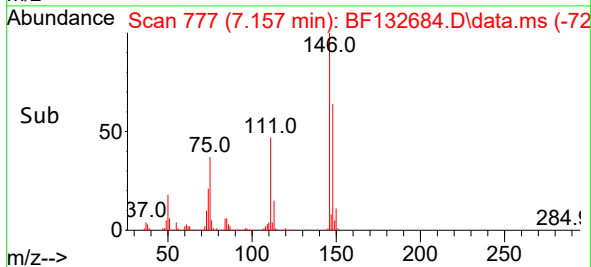
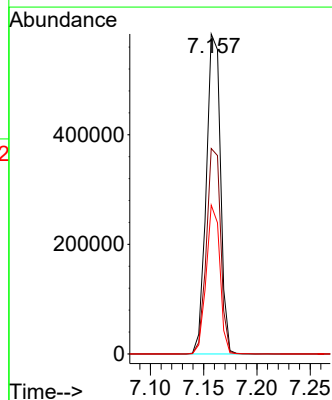
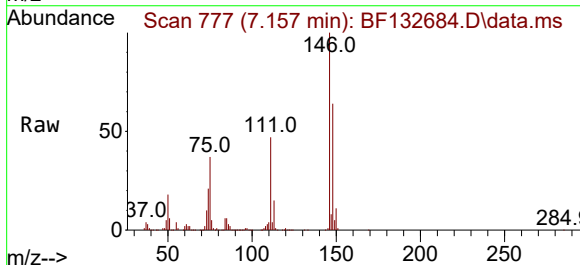
Tgt Ion:146 Resp: 545033

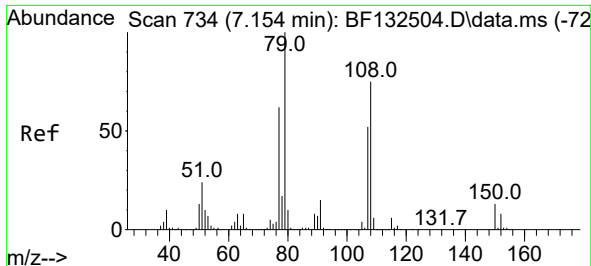
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 46.5 37.2 55.8

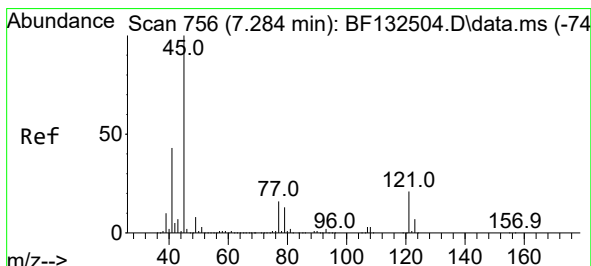
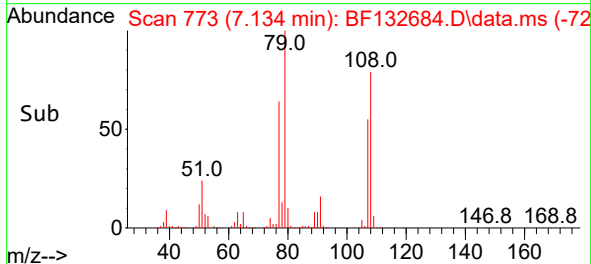
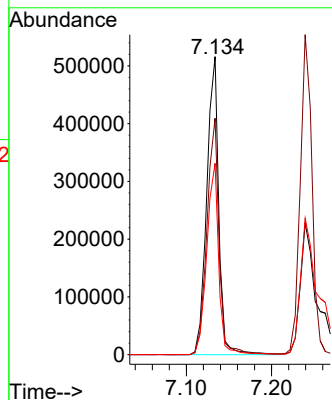
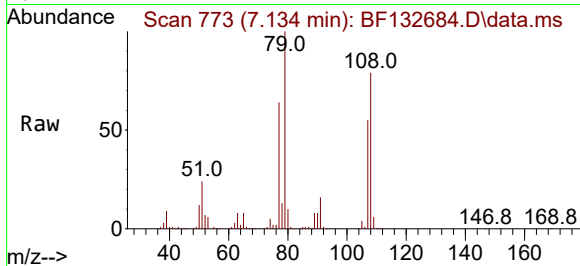




#15
Benzyl Alcohol
Concen: 44.916 ng
RT: 7.134 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

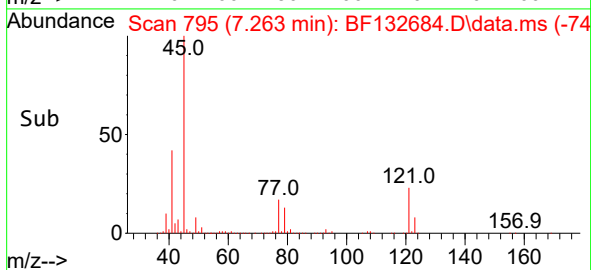
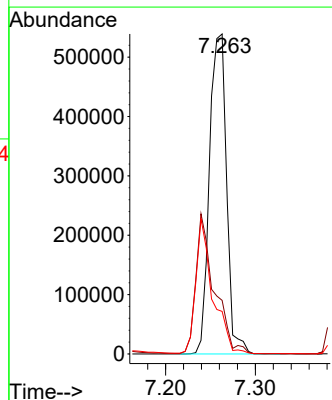
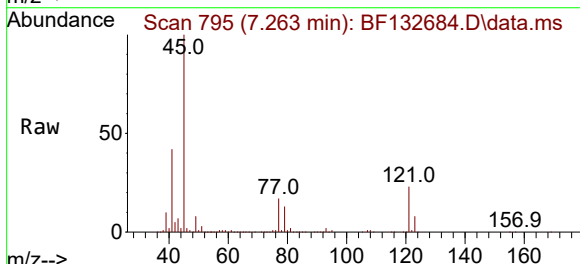
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

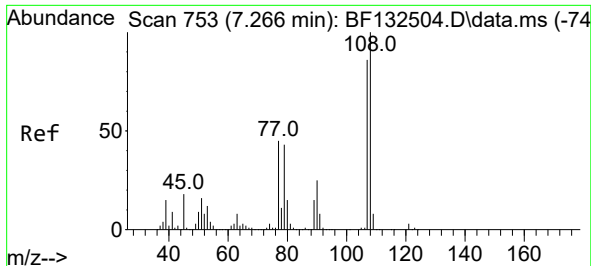
Tgt Ion: 79 Resp: 505235
Ion Ratio Lower Upper
79 100
108 79.4 60.2 90.4
77 64.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.261 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

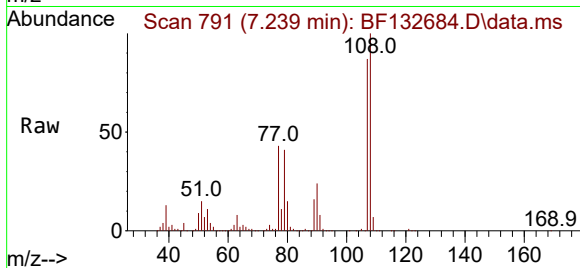
Tgt Ion: 45 Resp: 713119
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.4
79 13.3 0.0 33.4



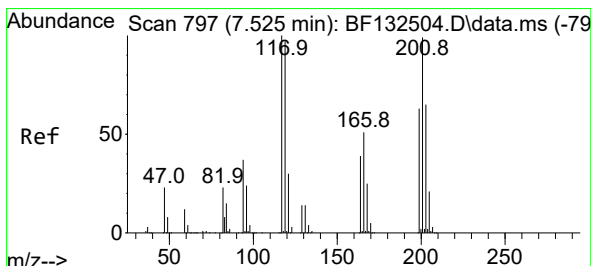
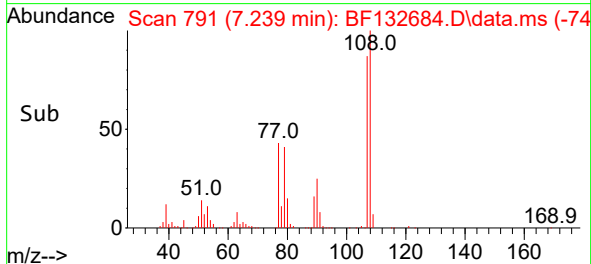
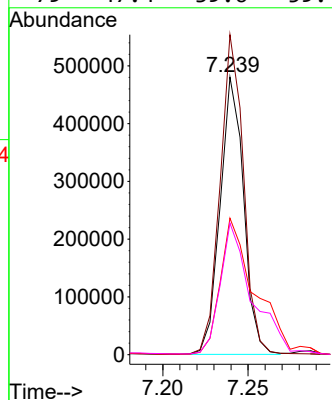


#17
2-Methylphenol
Concen: 42.404 ng
RT: 7.239 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

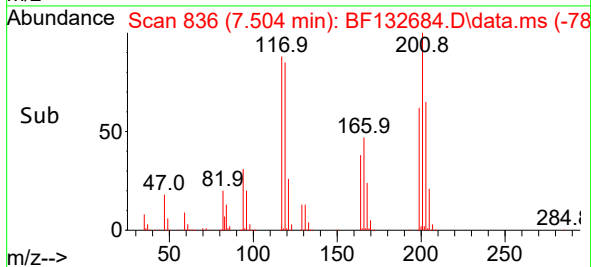
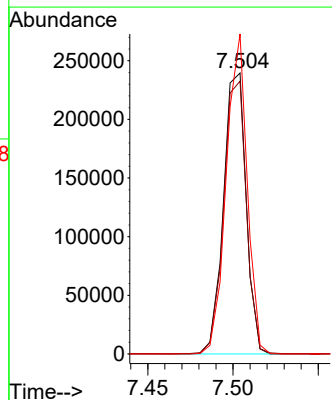
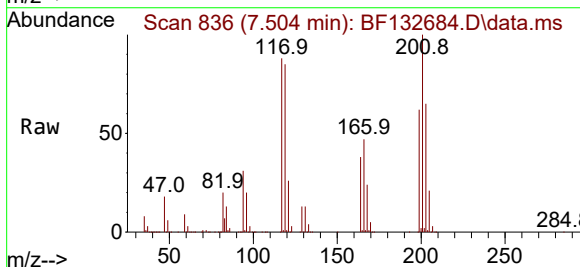


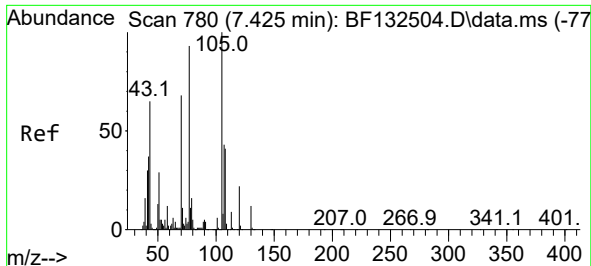
Tgt Ion:	107	Resp:	459665
Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.0	139.4
77	49.1	42.1	63.1
79	47.4	39.6	59.4



#18
Hexachloroethane
Concen: 45.653 ng
RT: 7.504 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:	117	Resp:	221983
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.0	117.0
201	113.9	79.0	118.4

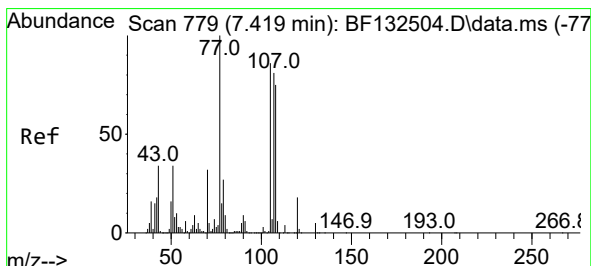
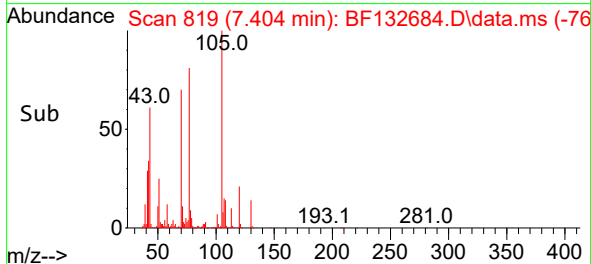
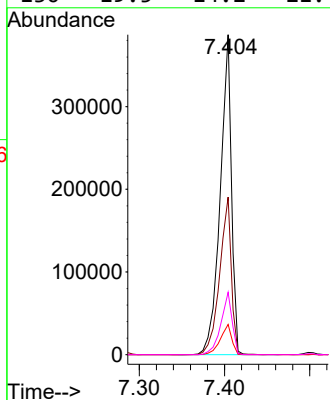
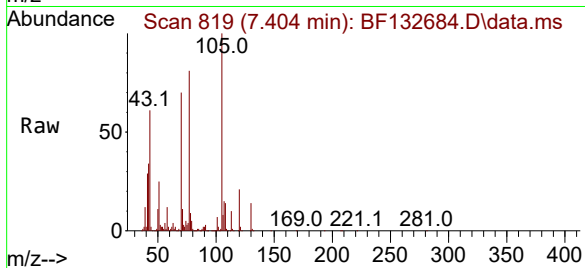




#19
n-Nitroso-di-n-propylamine
Concen: 39.492 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

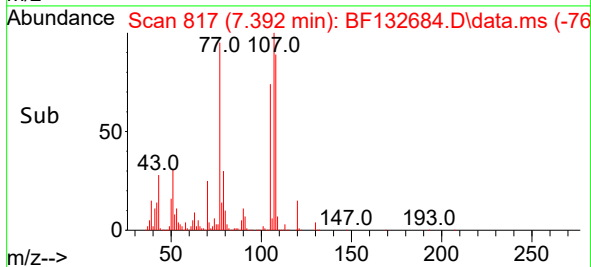
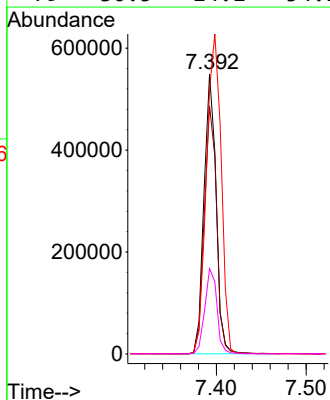
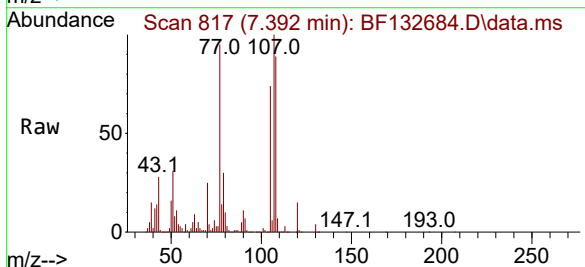
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

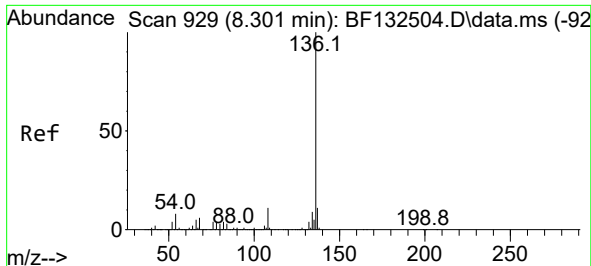
Tgt Ion: 70 Resp: 354987
Ion Ratio Lower Upper
70 100
42 49.3 44.1 66.1
101 9.4 7.4 11.2
130 19.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 36.649 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion: 107 Resp: 513250
Ion Ratio Lower Upper
107 100
108 88.6 72.6 112.6
77 94.6 104.0 144.0#
79 30.5 14.1 54.1

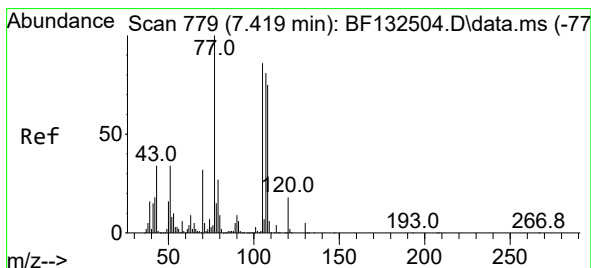
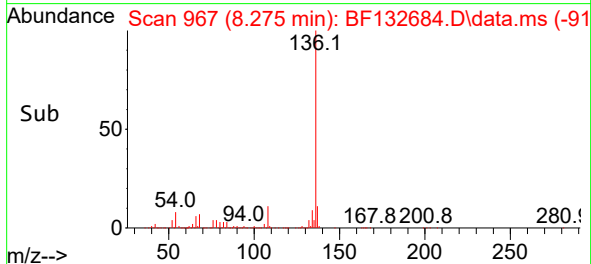
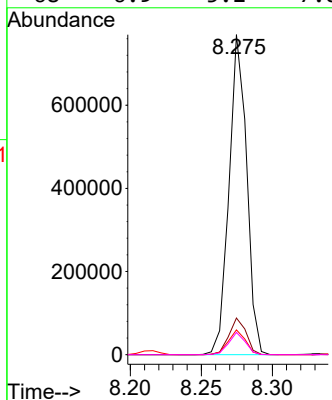
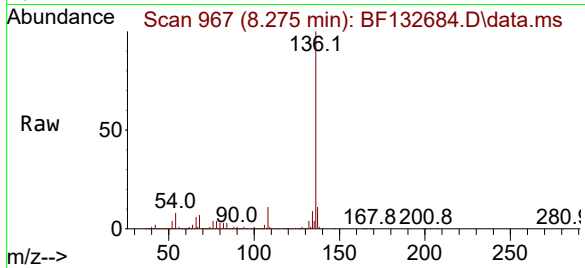




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

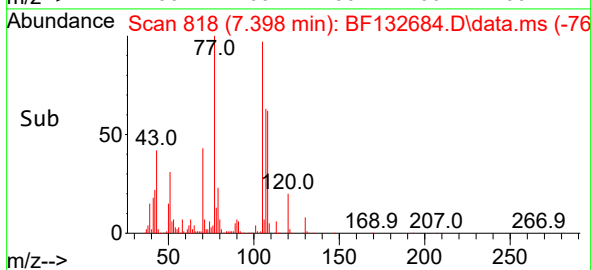
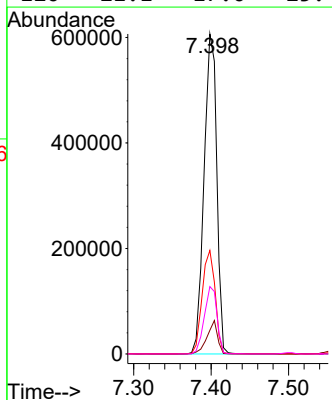
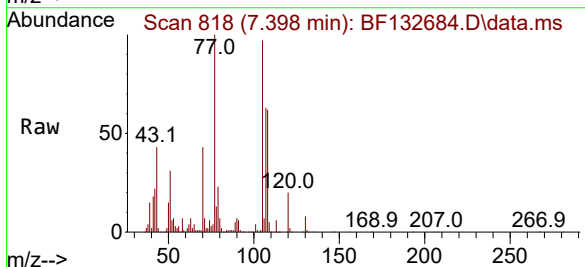
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

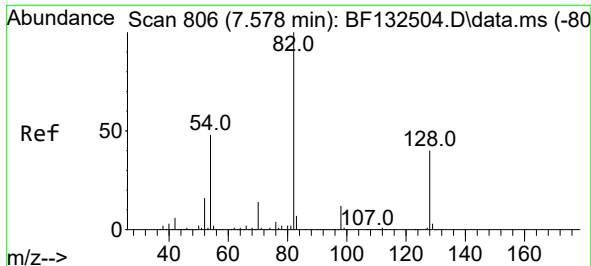
Tgt Ion:136 Resp: 664368
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.7 6.2 9.4
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 41.208 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:105 Resp: 690337
Ion Ratio Lower Upper
105 100
71 7.4 5.0 7.4
51 32.3 31.5 47.3
120 21.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 68.432 ng

RT: 7.557 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

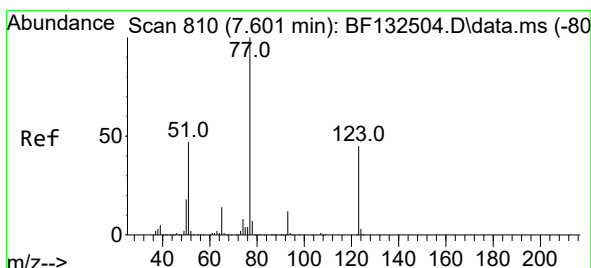
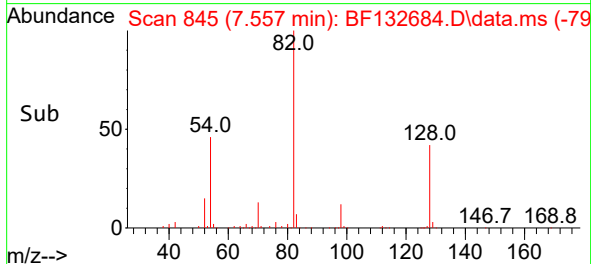
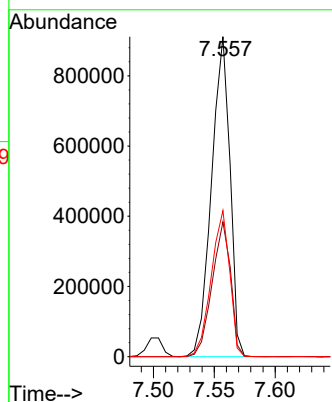
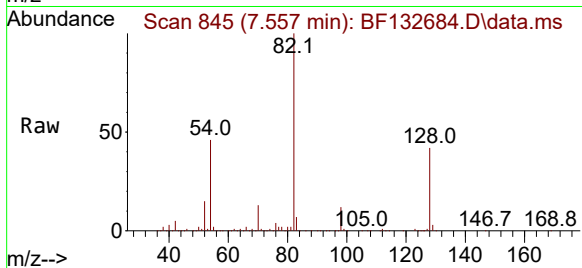
Tgt Ion: 82 Resp: 958266

Ion Ratio Lower Upper

82 100

128 42.1 32.2 48.2

54 45.7 38.4 57.6



#24

Nitrobenzene

Concen: 41.440 ng

RT: 7.575 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

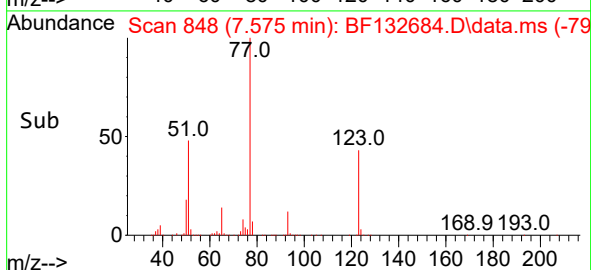
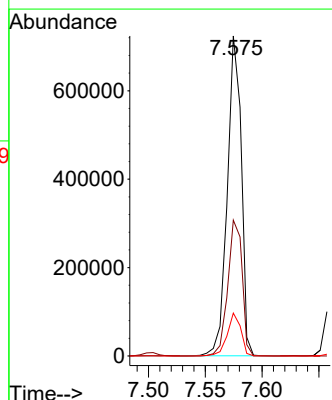
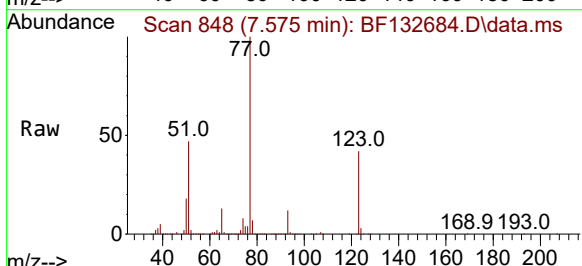
Tgt Ion: 77 Resp: 620611

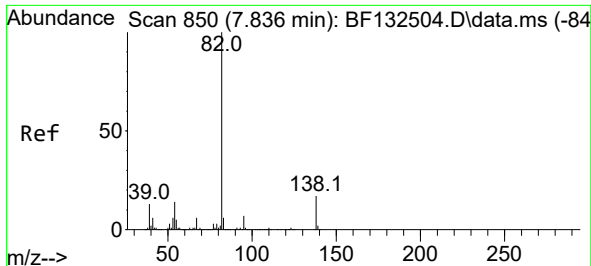
Ion Ratio Lower Upper

77 100

123 42.4 35.8 53.6

65 13.4 10.9 16.3

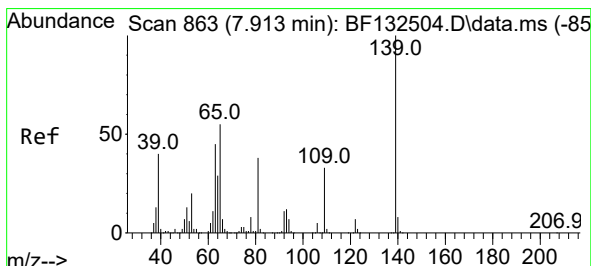
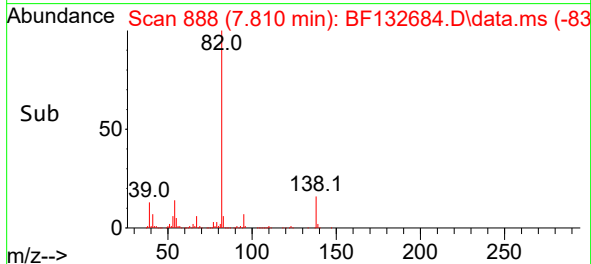
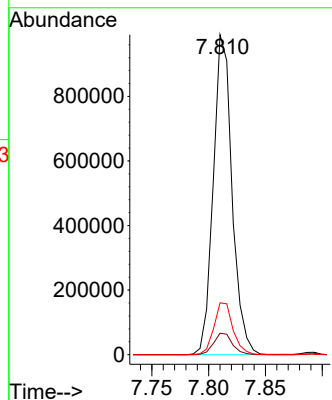
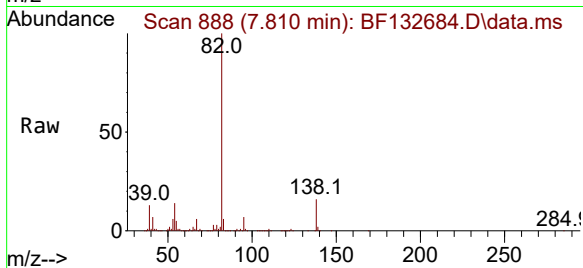




#25
Isophorone
Concen: 42.484 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

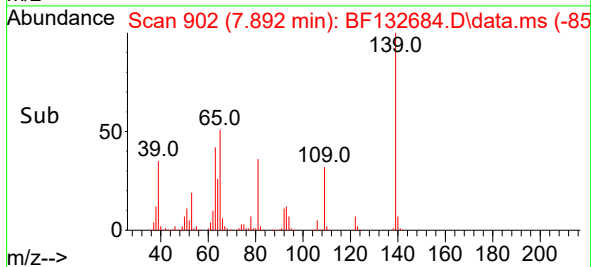
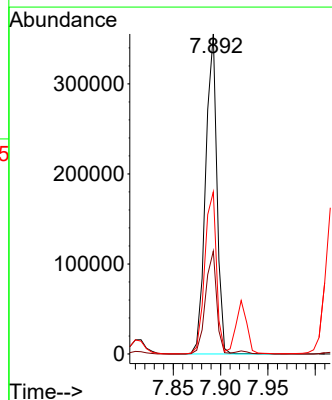
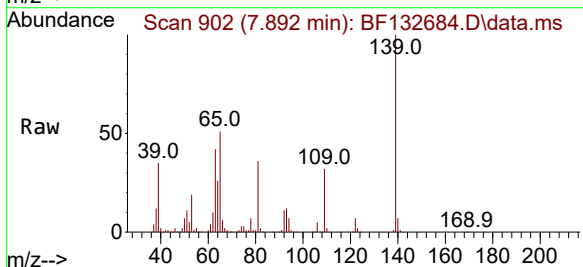
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

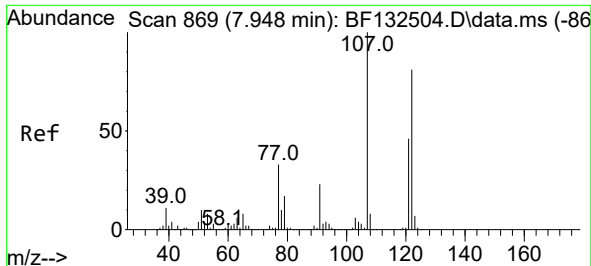
Tgt Ion: 82 Resp: 1140563
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 44.655 ng
RT: 7.892 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:139 Resp: 295069
Ion Ratio Lower Upper
139 100
109 32.2 26.2 39.2
65 50.7 43.8 65.8

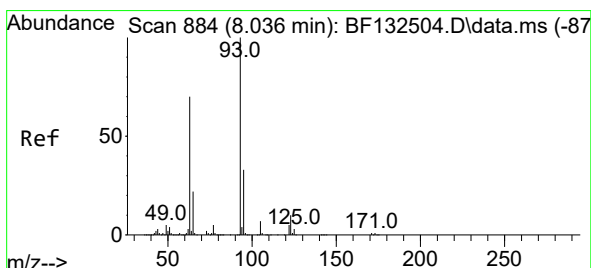
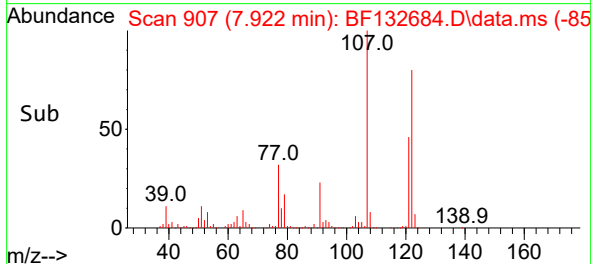
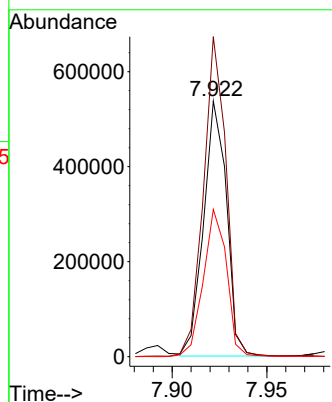
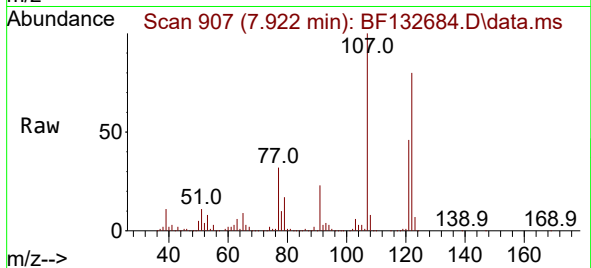




#27
2,4-Dimethylphenol
Concen: 43.301 ng
RT: 7.922 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

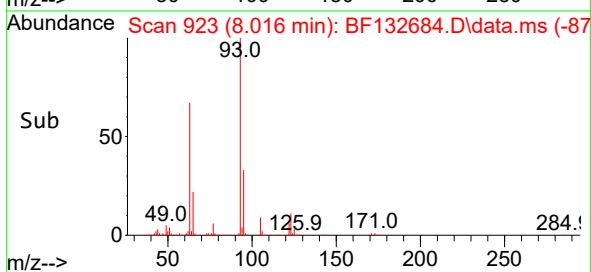
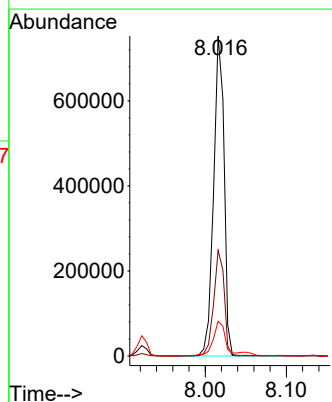
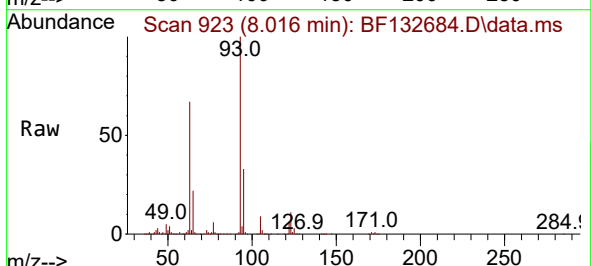
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

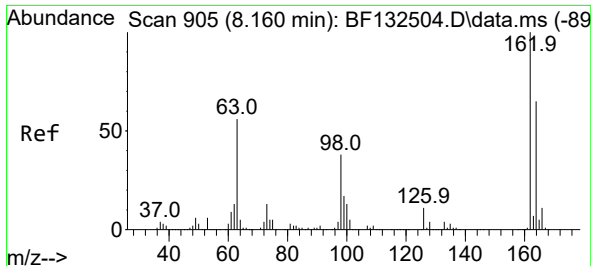
Tgt Ion:122 Resp: 451581
Ion Ratio Lower Upper
122 100
107 125.2 98.7 148.1
121 57.6 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.921 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

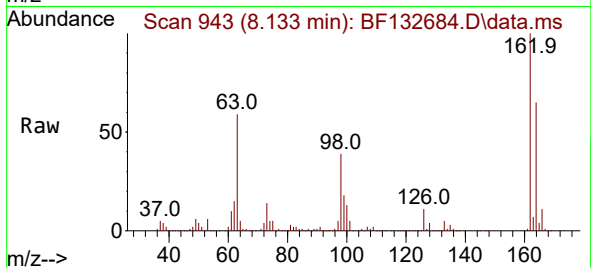
Tgt Ion: 93 Resp: 674090
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 10.8 8.3 12.5



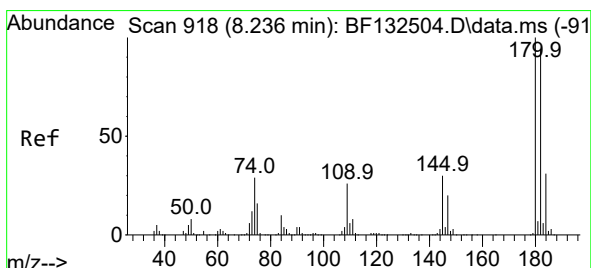
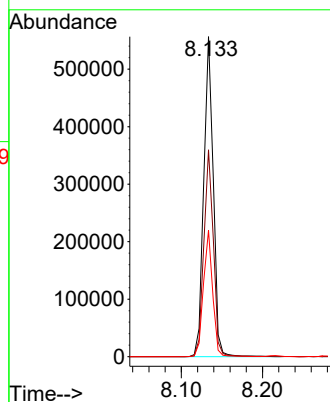
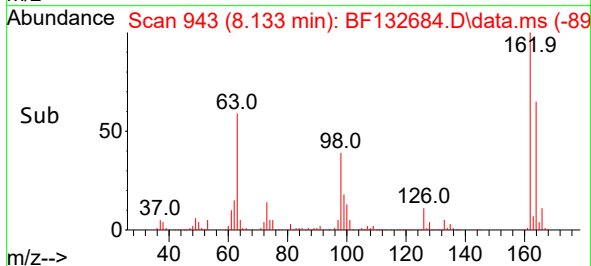


#29
2,4-Dichlorophenol
Concen: 43.649 ng
RT: 8.133 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

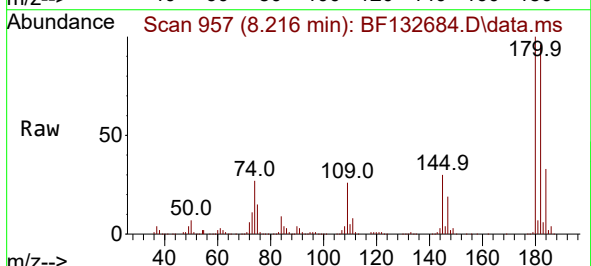
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS



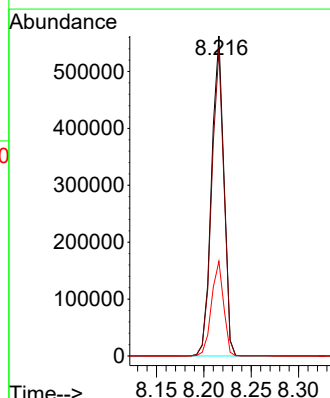
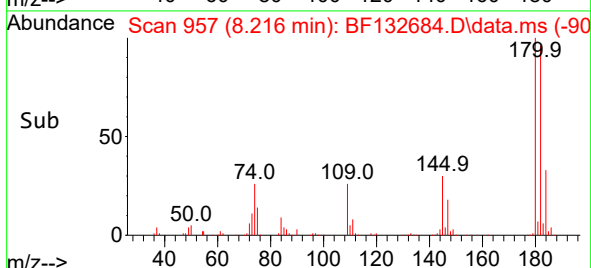
Tgt Ion:162 Resp: 452824
Ion Ratio Lower Upper
162 100
164 64.6 45.3 85.3
98 39.5 17.9 57.9

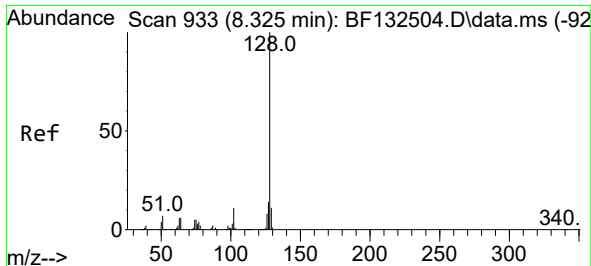


#30
1,2,4-Trichlorobenzene
Concen: 45.007 ng
RT: 8.216 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34



Tgt Ion:180 Resp: 507000
Ion Ratio Lower Upper
180 100
182 95.6 75.1 112.7
145 29.6 23.8 35.6

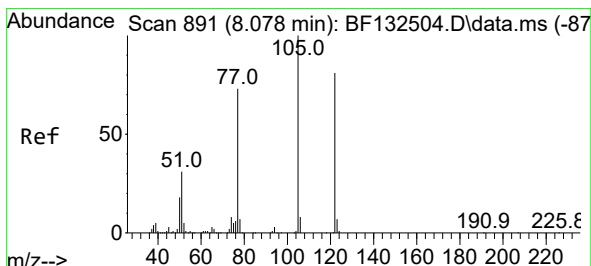
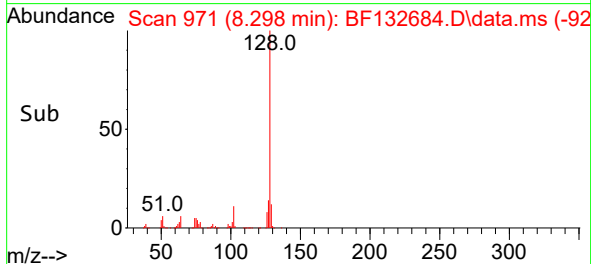
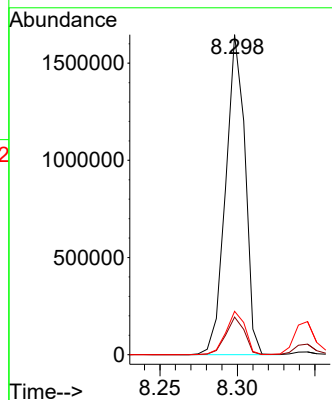
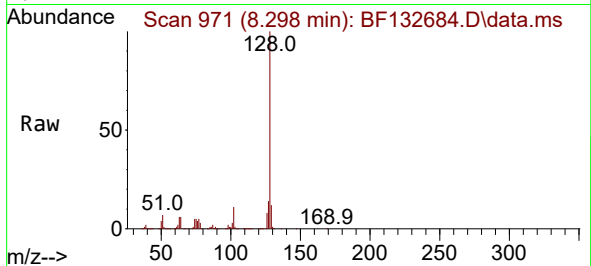




#31
Naphthalene
Concen: 42.110 ng
RT: 8.298 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

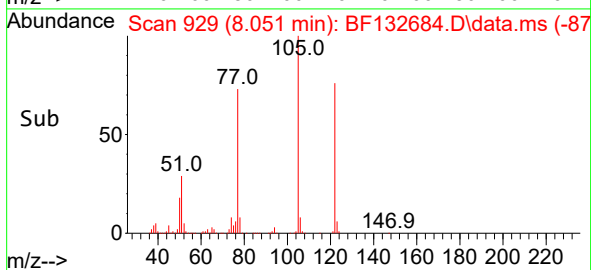
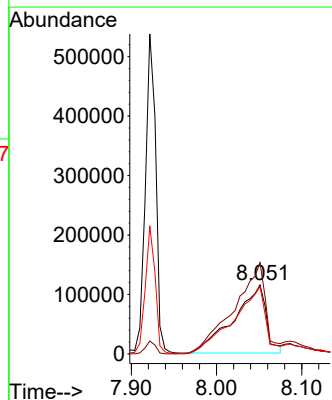
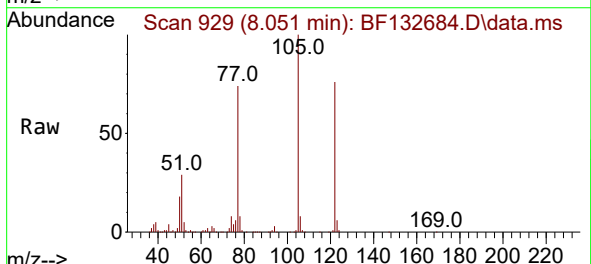
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

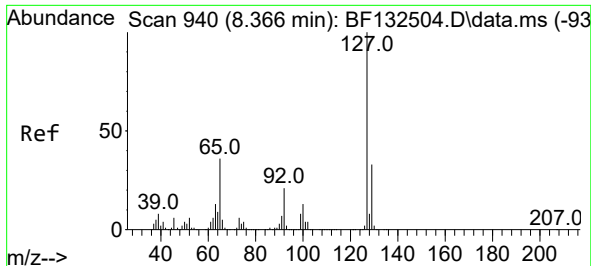
Tgt Ion:128 Resp: 1432208
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 37.952 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:122 Resp: 304727
Ion Ratio Lower Upper
122 100
105 132.4 102.6 142.6
77 97.6 70.2 110.2

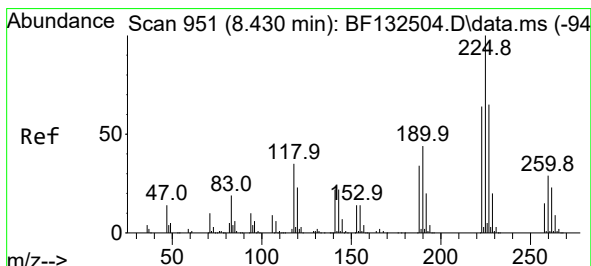
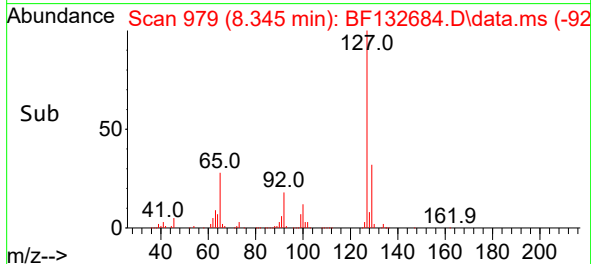
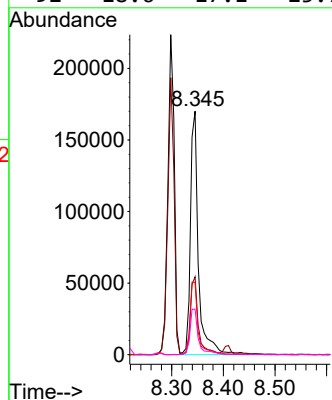
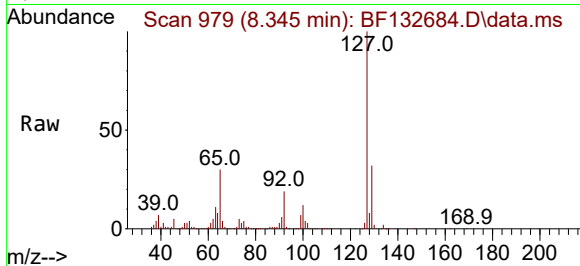




#33
4-Chloroaniline
Concen: 12.632 ng
RT: 8.345 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

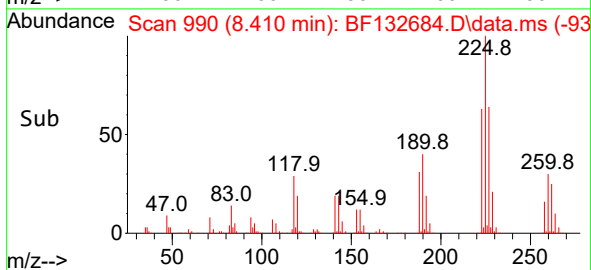
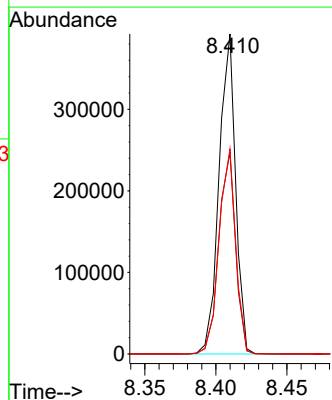
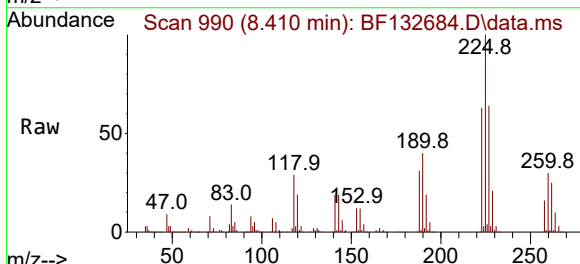
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

Tgt Ion:	127	Resp:	184113
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.4	39.6
65	29.7	28.8	43.2
92	18.6	17.1	25.7



#34
Hexachlorobutadiene
Concen: 44.308 ng
RT: 8.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:	225	Resp:	317171
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.0	76.4
227	64.1	51.7	77.5

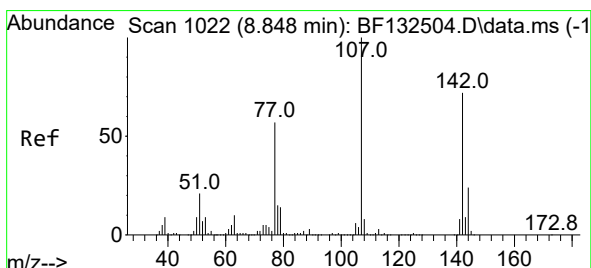
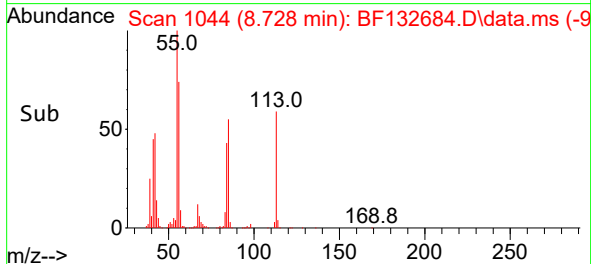
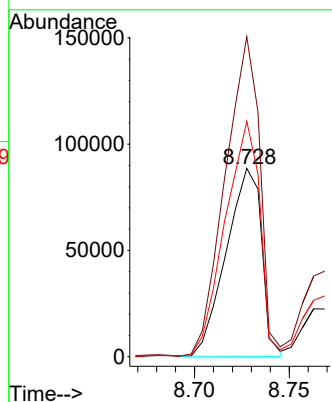
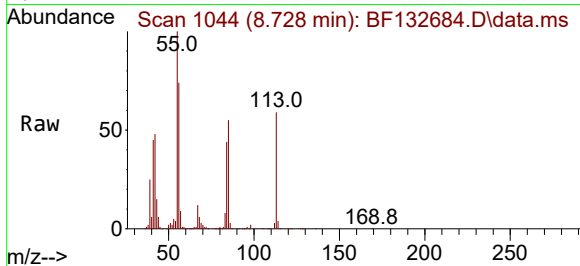




#35
Caprolactam
Concen: 33.459 ng
RT: 8.728 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

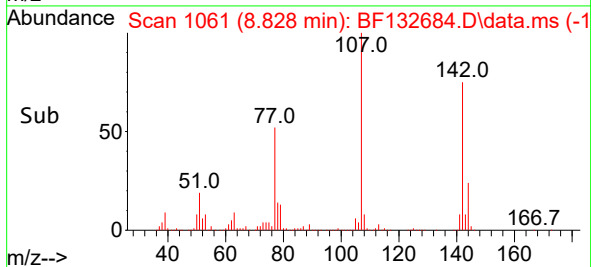
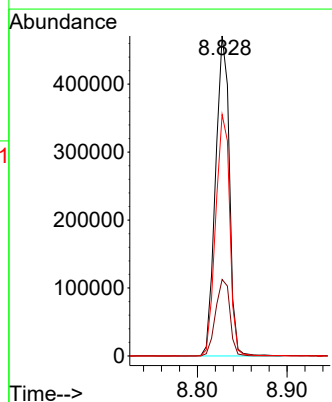
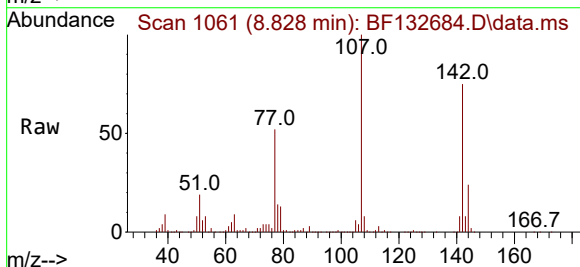
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

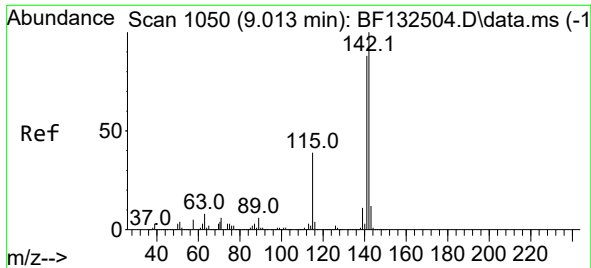
Tgt Ion:113 Resp: 114434
Ion Ratio Lower Upper
113 100
55 170.0 149.4 189.4
56 125.0 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 44.197 ng
RT: 8.828 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:107 Resp: 503541
Ion Ratio Lower Upper
107 100
144 23.9 18.9 28.3
142 75.5 57.9 86.9

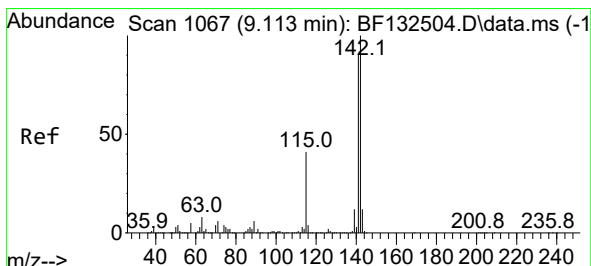
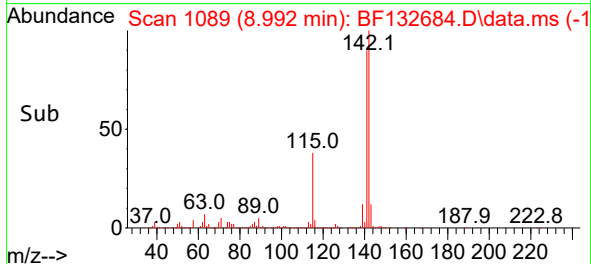
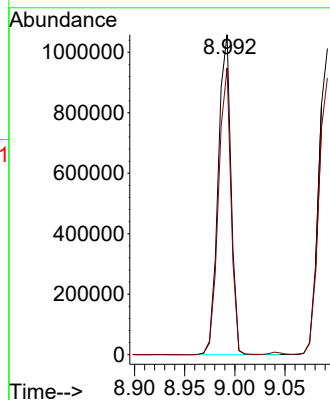
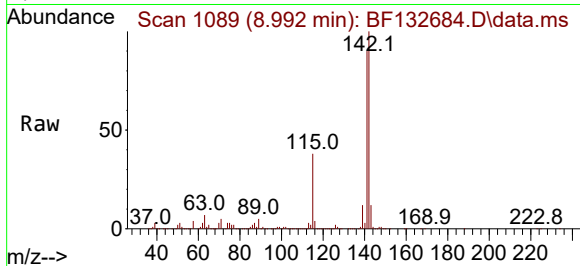




#37
2-Methylnaphthalene
Concen: 40.642 ng
RT: 8.992 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

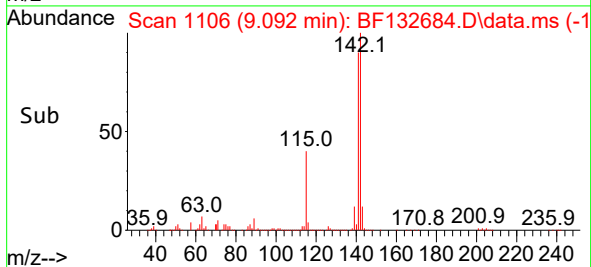
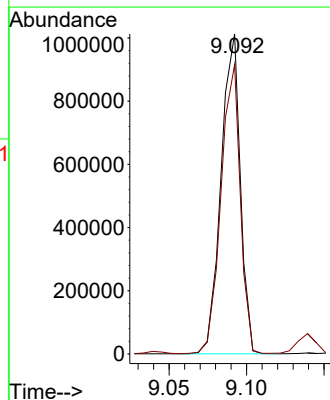
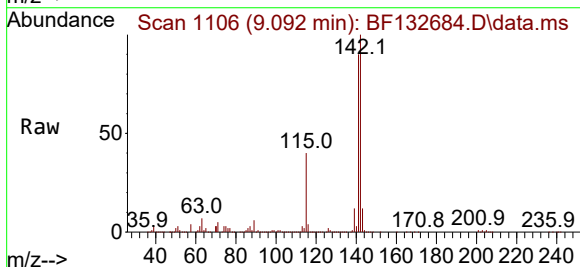
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

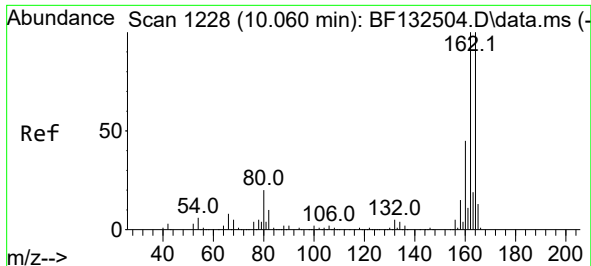
Tgt Ion:142 Resp: 942011
Ion Ratio Lower Upper
142 100
141 89.6 70.2 105.2



#38
1-Methylnaphthalene
Concen: 40.383 ng
RT: 9.092 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:142 Resp: 874741
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.6

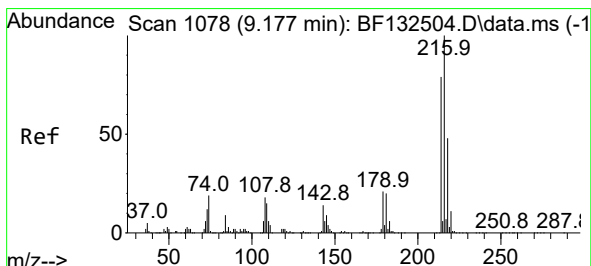
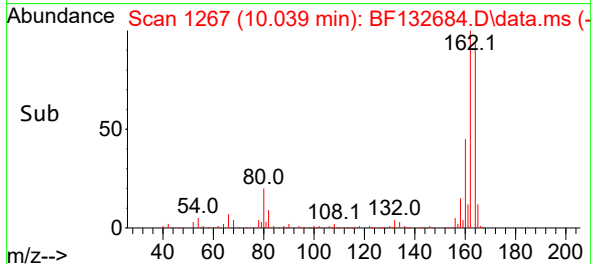
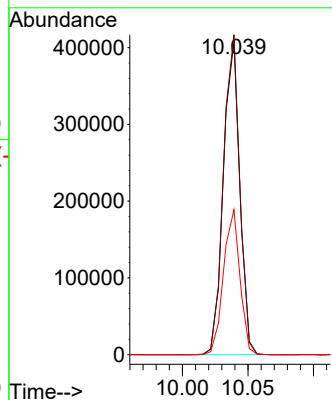
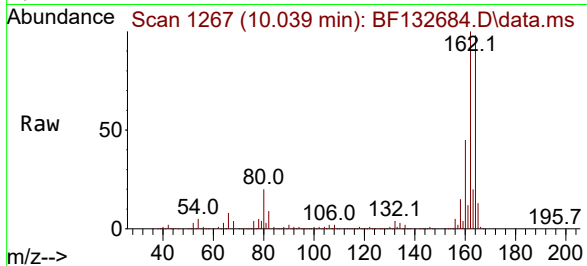




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.039 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

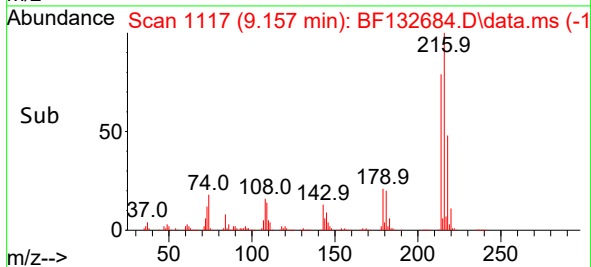
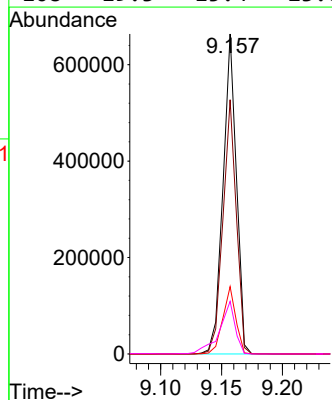
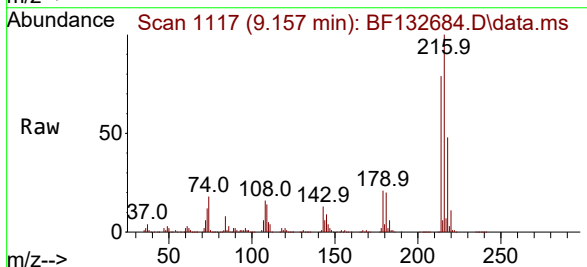
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

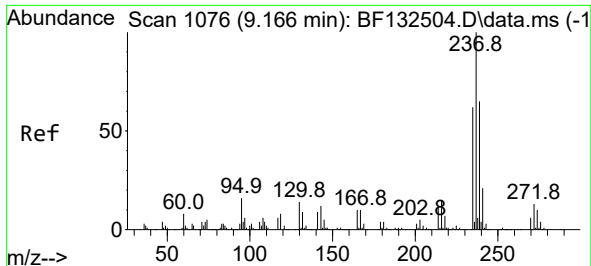
Tgt Ion:164 Resp: 353412
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 46.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.968 ng
RT: 9.157 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:216 Resp: 508388
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.6
179 20.4 16.6 24.8
108 19.3 15.4 23.0

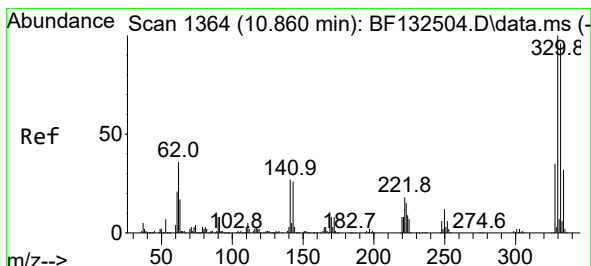
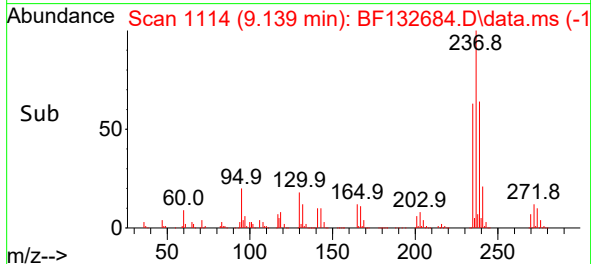
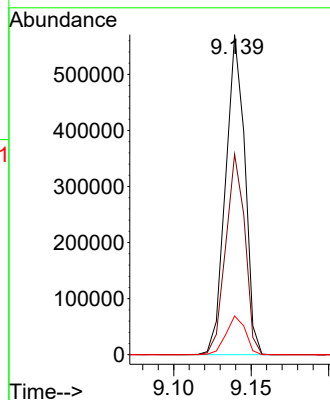
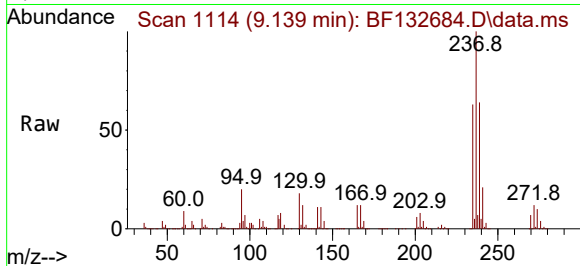




#41
Hexachlorocyclopentadiene
Concen: 78.542 ng
RT: 9.139 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

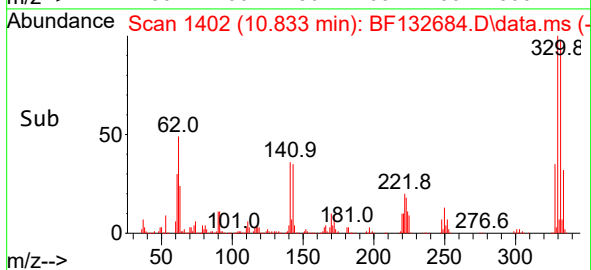
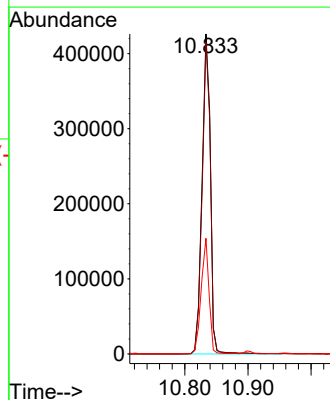
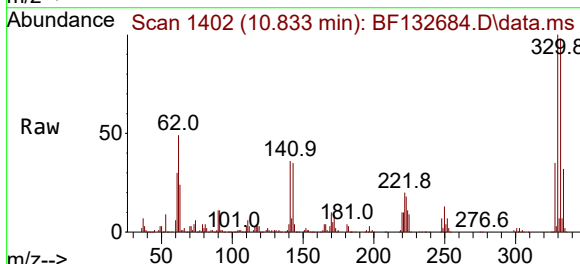
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

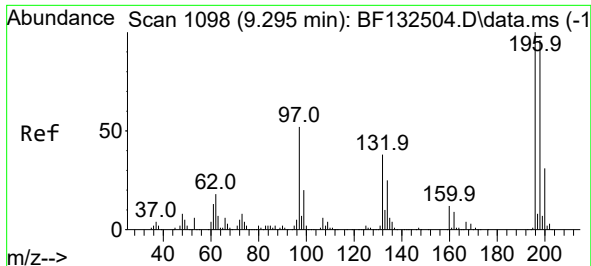
Tgt Ion:237 Resp: 492581
Ion Ratio Lower Upper
237 100
235 62.7 42.4 82.4
272 12.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 102.171 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

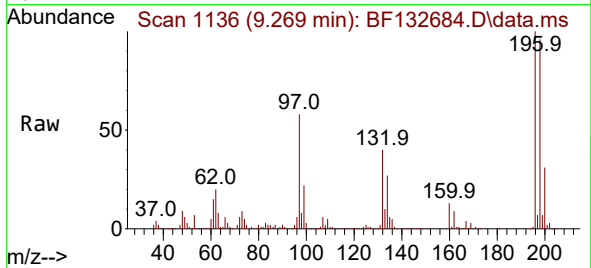
Tgt Ion:330 Resp: 389955
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 34.1 28.4 42.6



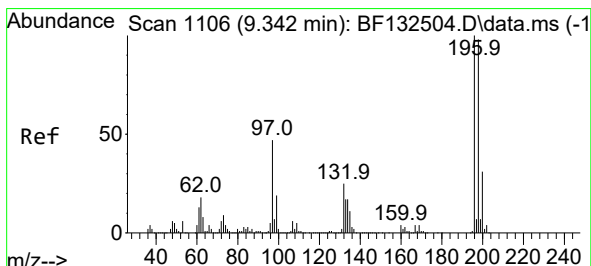
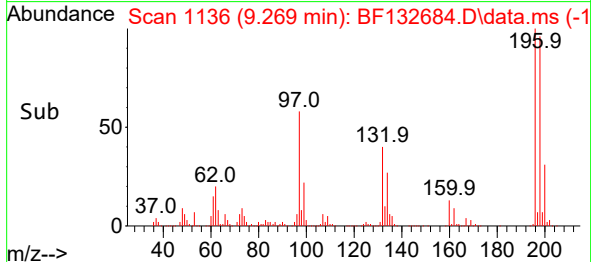
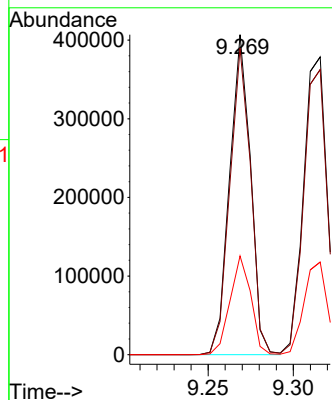


#43
 2,4,6-Trichlorophenol
 Concen: 44.221 ng
 RT: 9.269 min Scan# 1136
 Delta R.T. -0.000 min
 Lab File: BF132684.D
 Acq: 07 Mar 2023 18:34

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MS

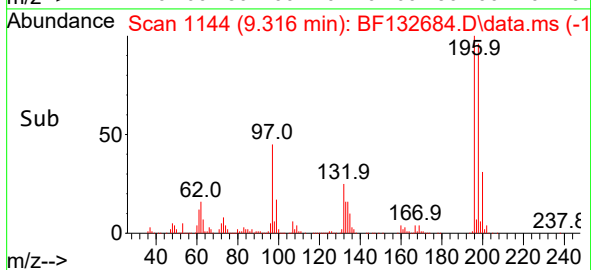
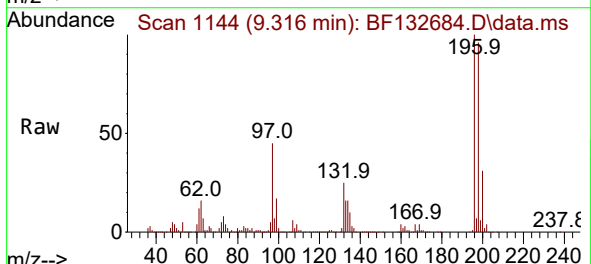
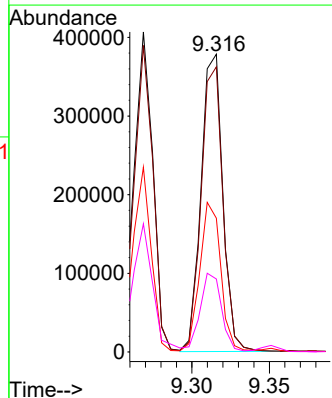


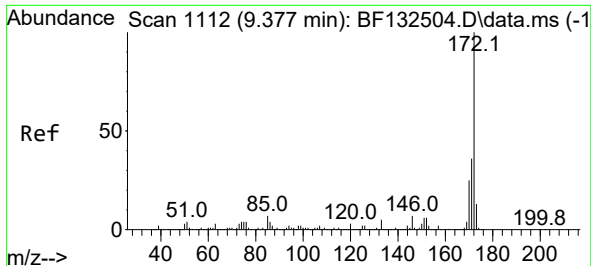
Tgt Ion:196 Resp: 346516
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.1 115.7
 200 30.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.399 ng
 RT: 9.316 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: BF132684.D
 Acq: 07 Mar 2023 18:34

Tgt Ion:196 Resp: 369483
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.3 117.5
 97 44.9 38.1 57.1
 132 24.5 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 62.090 ng

RT: 9.351 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

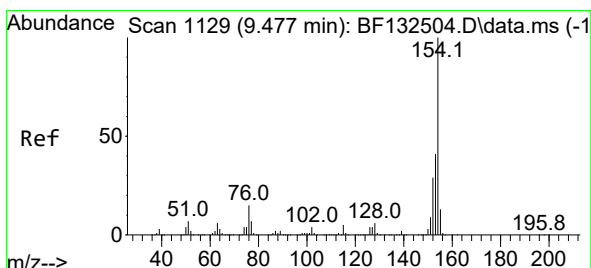
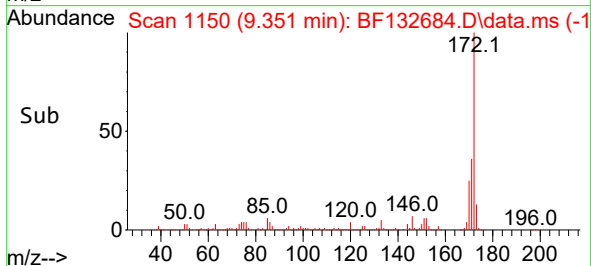
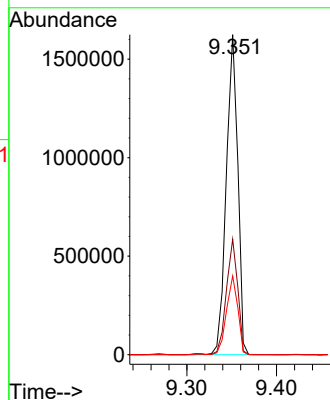
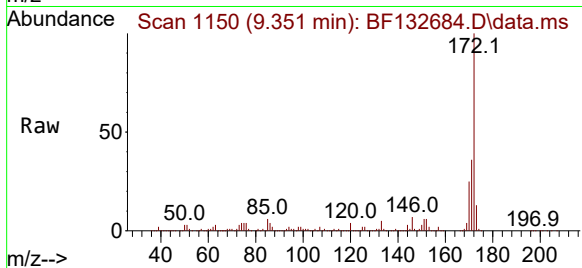
Tgt Ion:172 Resp: 1441117

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 42.962 ng

RT: 9.457 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

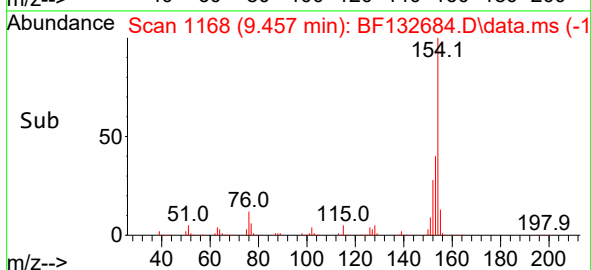
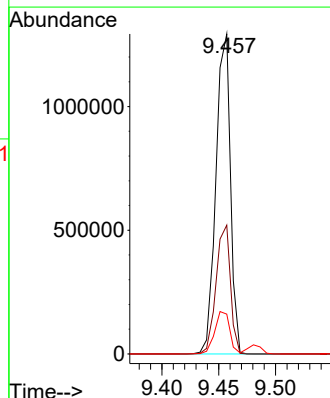
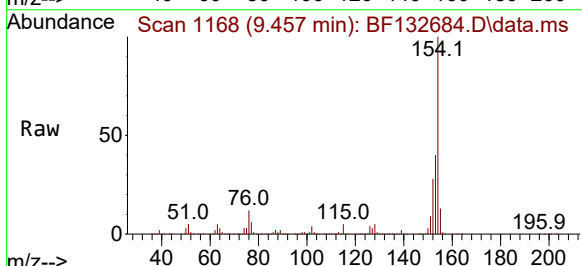
Tgt Ion:154 Resp: 1149195

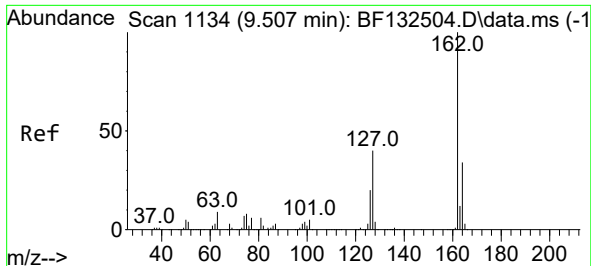
Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

76 12.4 0.0 34.7

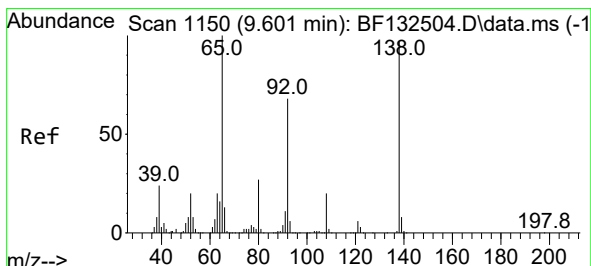
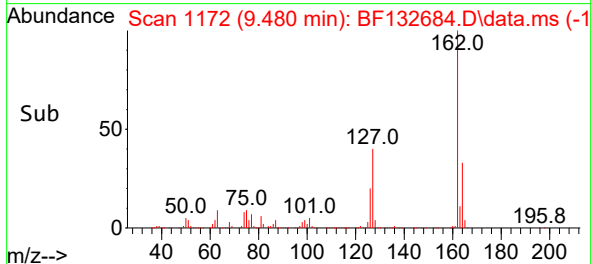
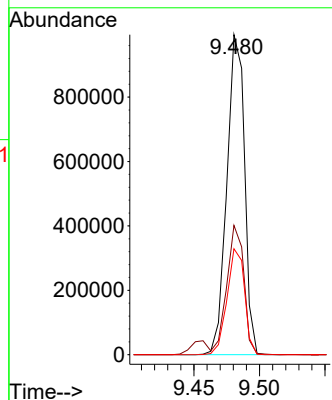
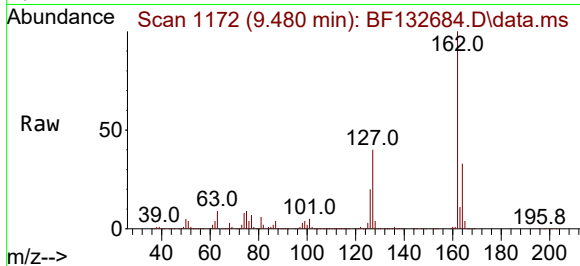




#47
2-Chloronaphthalene
Concen: 43.921 ng
RT: 9.480 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

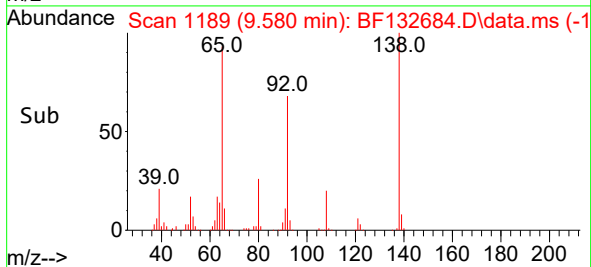
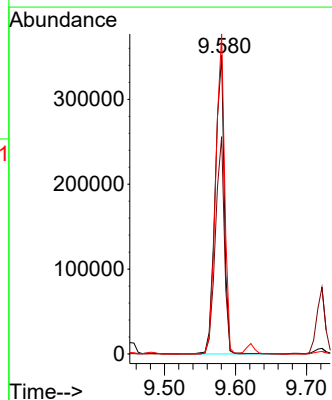
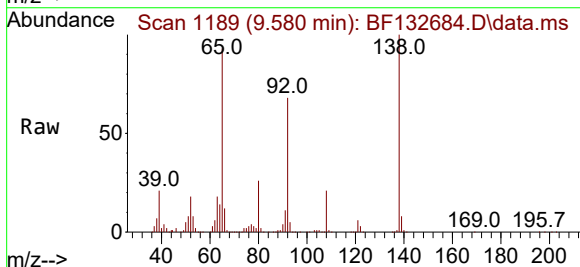
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

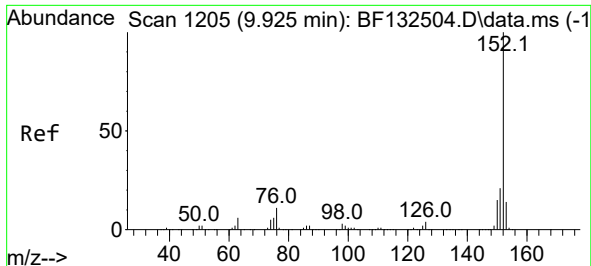
Tgt Ion:162 Resp: 931473
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 33.1 26.9 40.3



#48
2-Nitroaniline
Concen: 40.280 ng
RT: 9.580 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion: 65 Resp: 314624
Ion Ratio Lower Upper
65 100
92 72.8 54.5 81.7
138 107.2 77.2 115.8





#49

Acenaphthylene

Concen: 42.260 ng

RT: 9.898 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

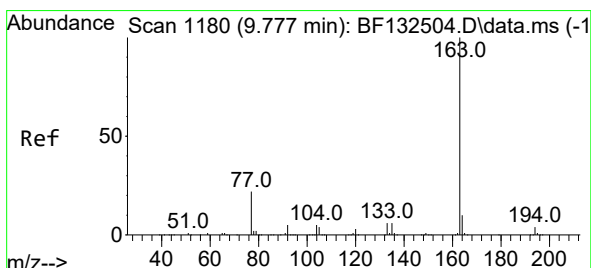
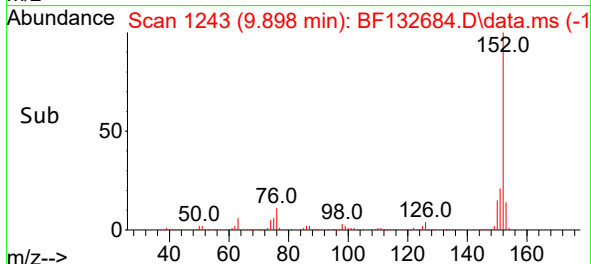
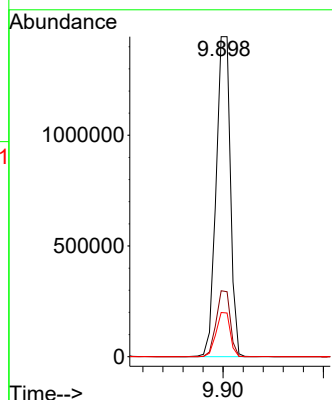
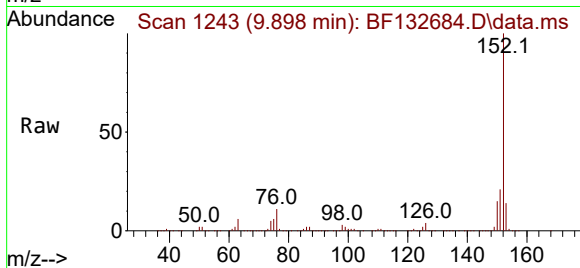
Tgt Ion:152 Resp: 1426409

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 43.269 ng

RT: 9.757 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

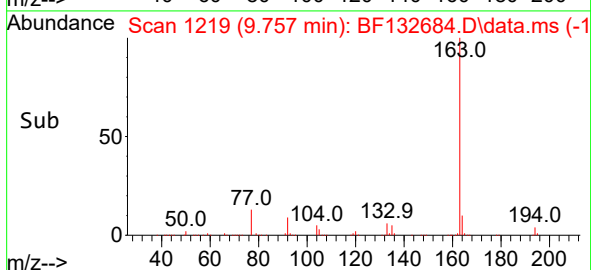
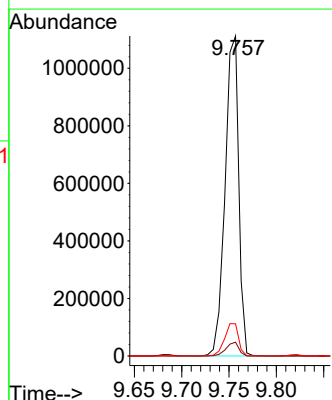
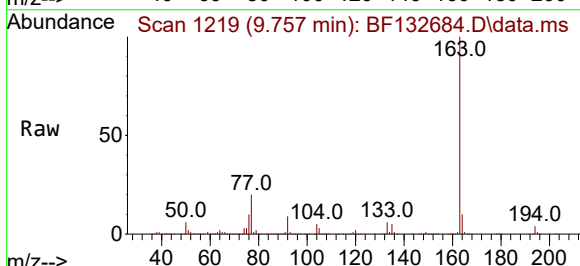
Tgt Ion:163 Resp: 1113430

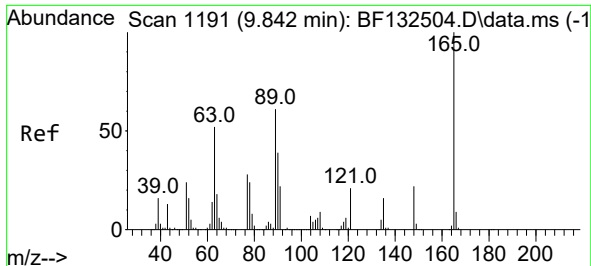
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 8.3 12.5

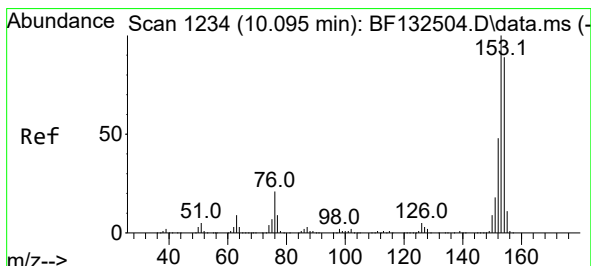
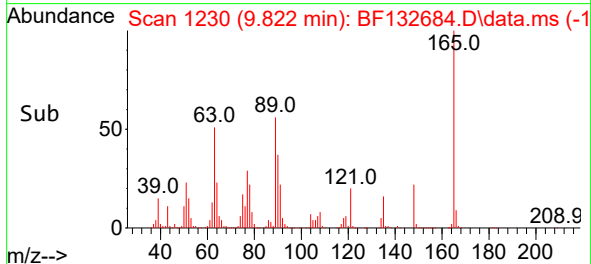
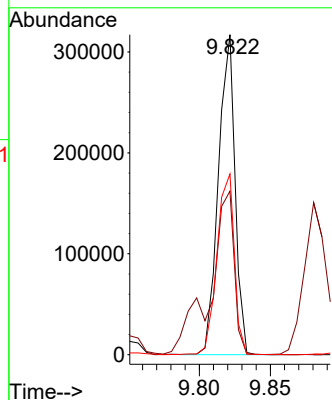
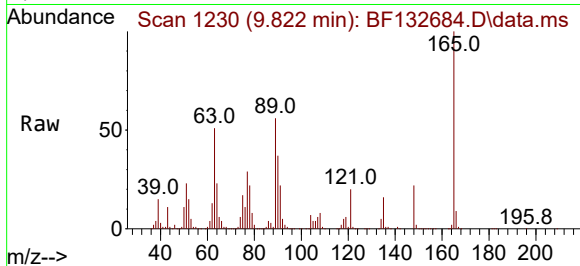




#51
2,6-Dinitrotoluene
Concen: 44.035 ng
RT: 9.822 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

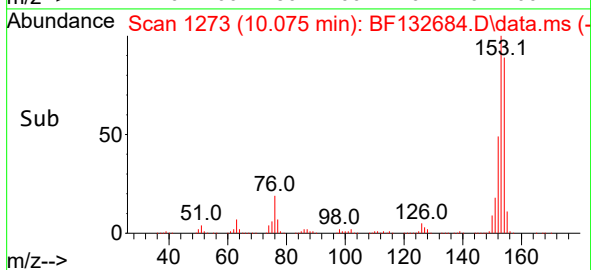
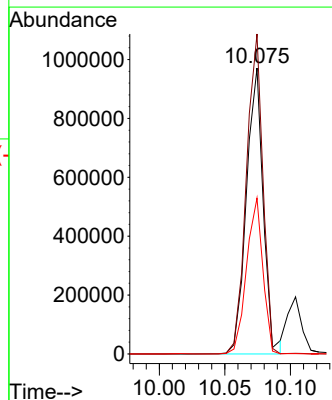
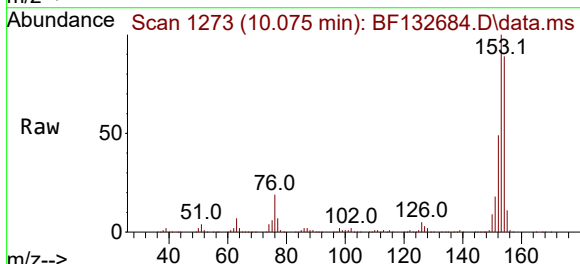
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

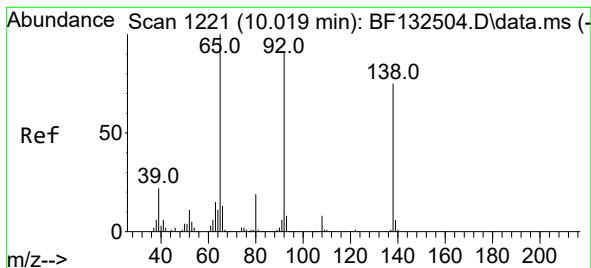
Tgt Ion:165 Resp: 258063
Ion Ratio Lower Upper
165 100
63 51.1 47.3 70.9
89 56.5 48.9 73.3



#52
Acenaphthene
Concen: 40.507 ng
RT: 10.075 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:154 Resp: 868170
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 54.5 43.3 64.9

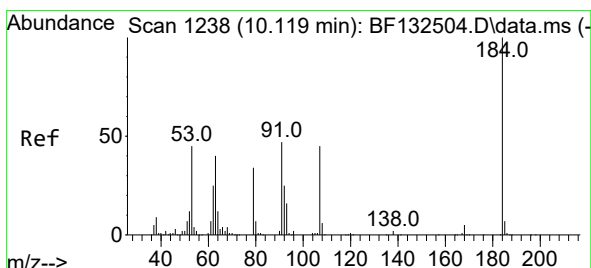
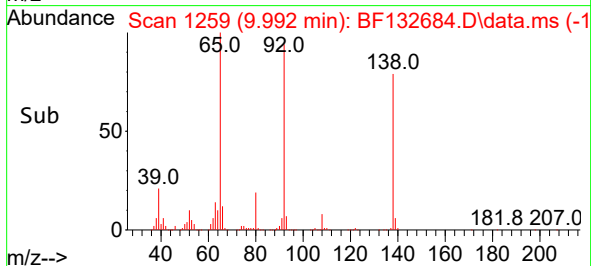
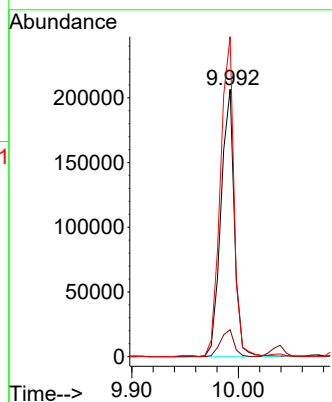
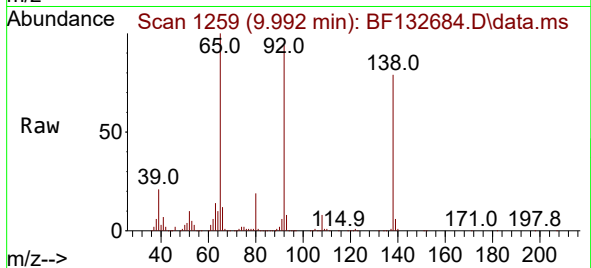




#53
3-Nitroaniline
Concen: 27.464 ng
RT: 9.992 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

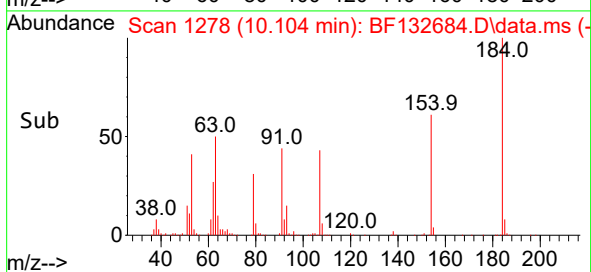
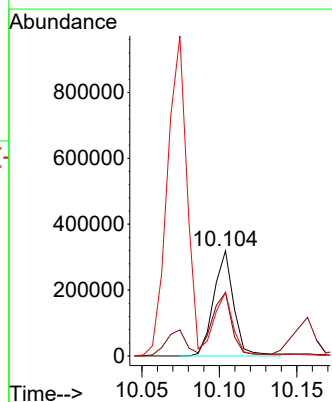
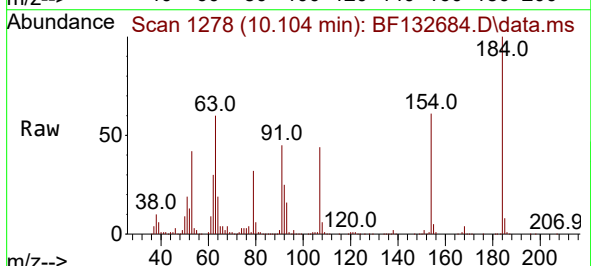
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

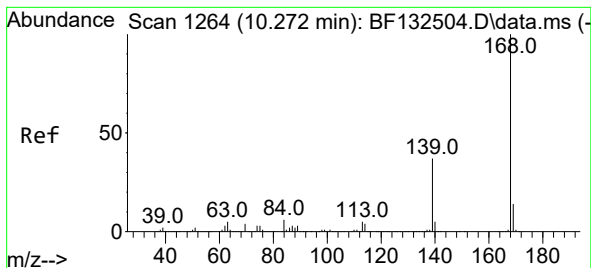
Tgt Ion:138 Resp: 180040
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 119.7 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 77.822 ng
RT: 10.104 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:184 Resp: 287207
Ion Ratio Lower Upper
184 100
63 60.2 51.4 77.2
154 60.7 48.3 72.5





#55

Dibenzenofuran

Concen: 41.763 ng

RT: 10.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

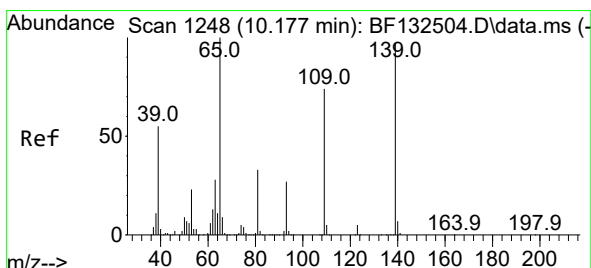
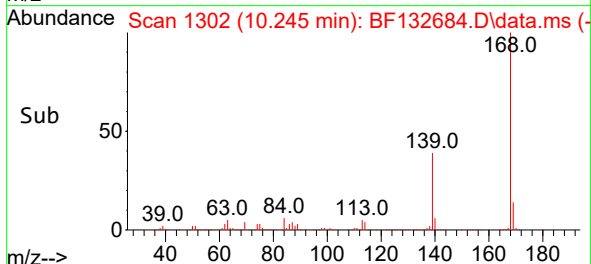
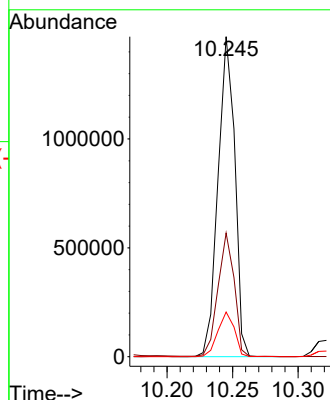
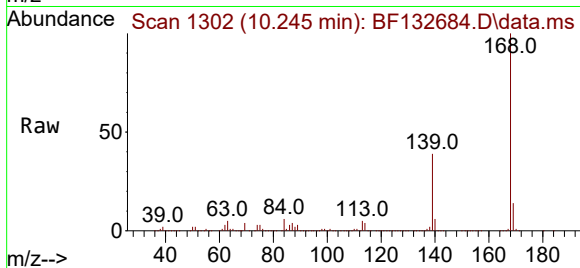
Tgt Ion:168 Resp: 1304912

Ion Ratio Lower Upper

168 100

139 38.6 29.8 44.6

169 13.9 10.9 16.3



#56

4-Nitrophenol

Concen: 78.051 ng

RT: 10.157 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

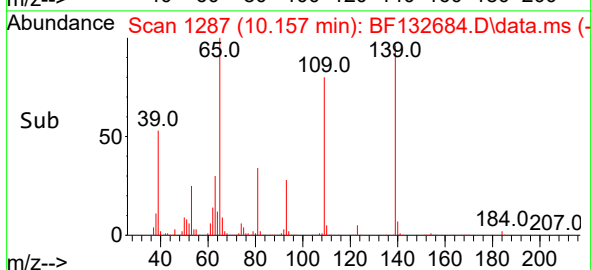
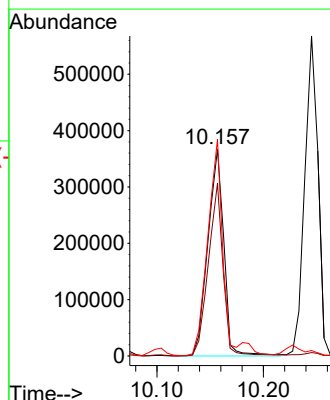
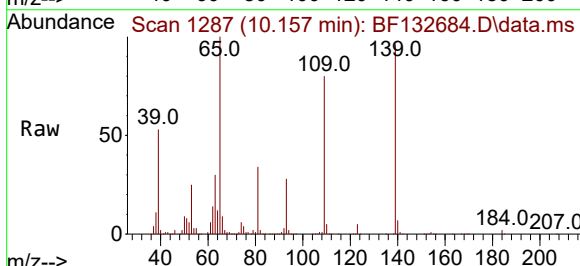
Tgt Ion:139 Resp: 381587

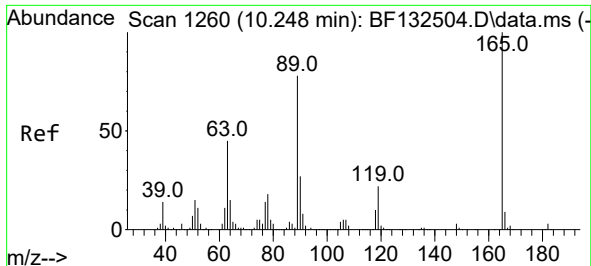
Ion Ratio Lower Upper

139 100

109 83.4 56.7 96.7

65 104.7 83.5 123.5

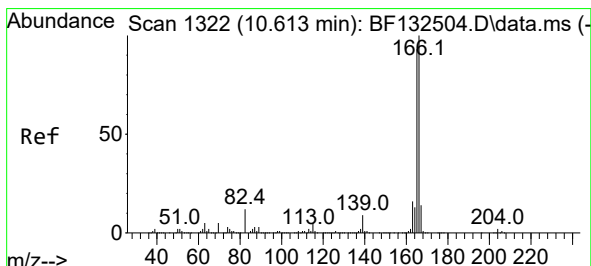
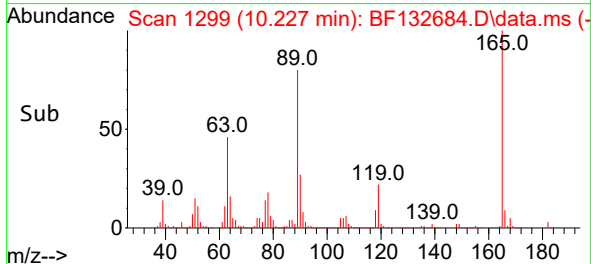
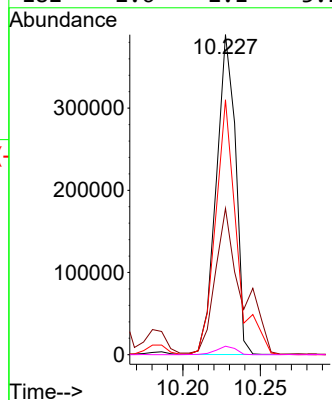
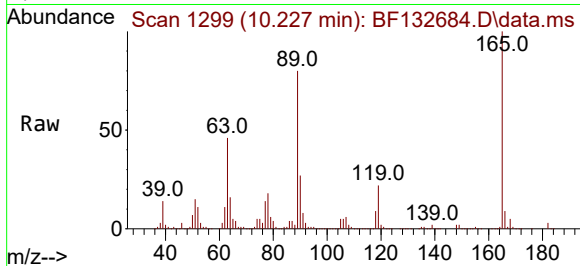




#57
2,4-Dinitrotoluene
Concen: 43.327 ng
RT: 10.227 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

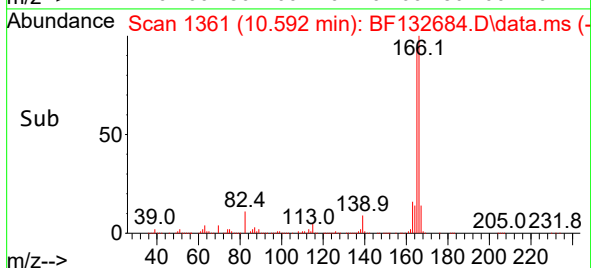
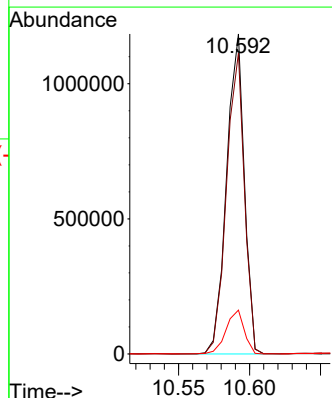
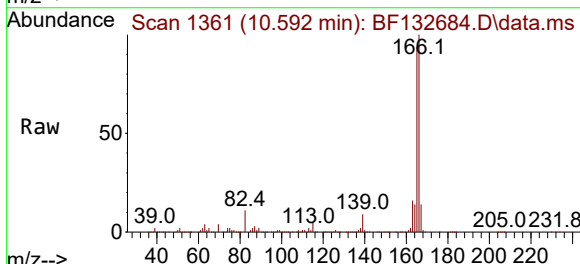
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

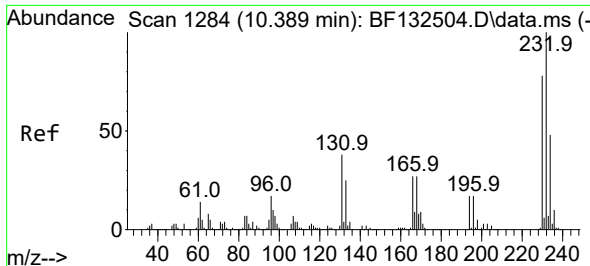
Tgt Ion:	165	Resp:	337796
Ion	Ratio	Lower	Upper
165	100		
63	45.7	36.5	54.7
89	79.7	62.4	93.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 43.110 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:	166	Resp:	1030325
Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.2	111.4
167	13.7	11.1	16.7

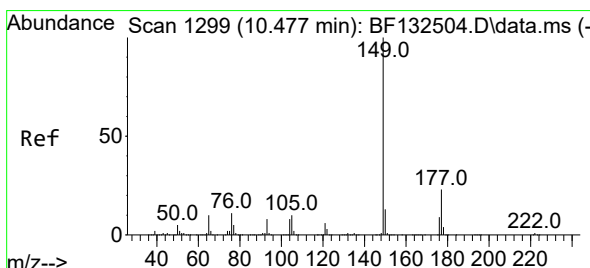
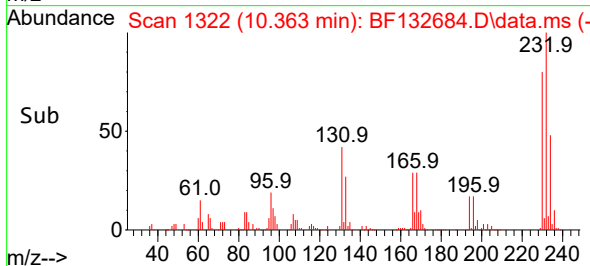
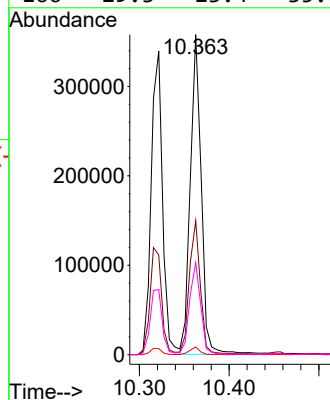
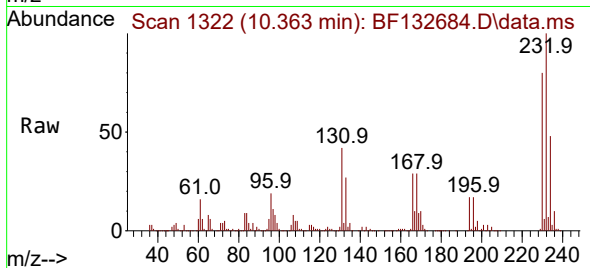




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.556 ng
RT: 10.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

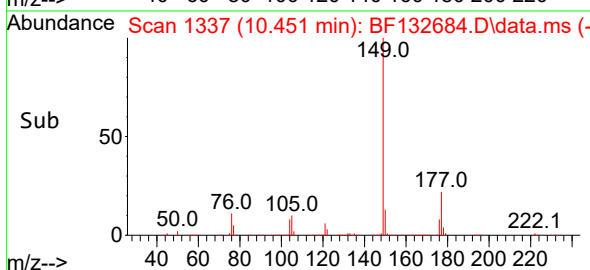
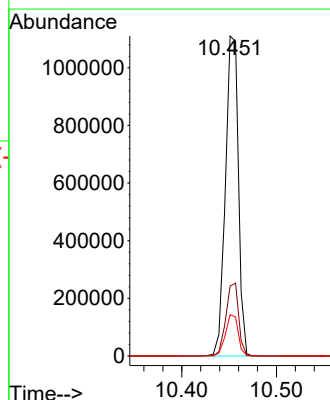
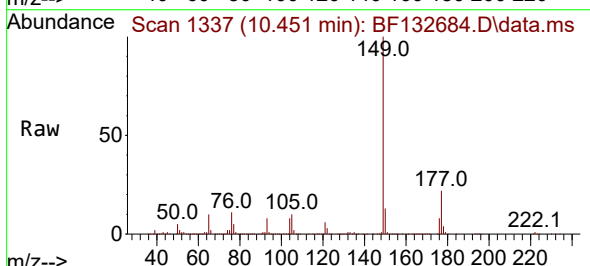
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

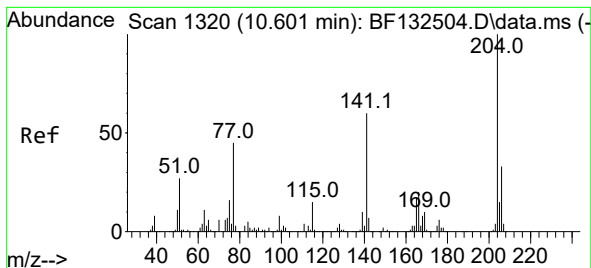
Tgt Ion:232 Resp: 302706
Ion Ratio Lower Upper
232 100
131 42.1 33.8 50.8
130 2.3 1.7 2.5
166 29.3 23.4 35.0



#60
Diethylphthalate
Concen: 42.313 ng
RT: 10.451 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:149 Resp: 1063406
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.9 10.2 15.2

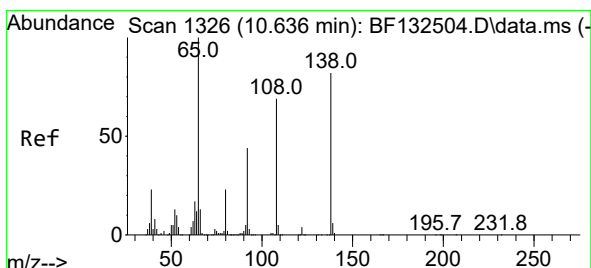
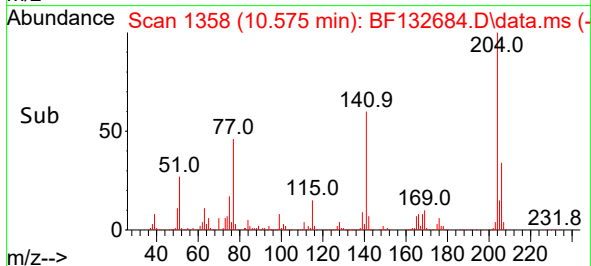
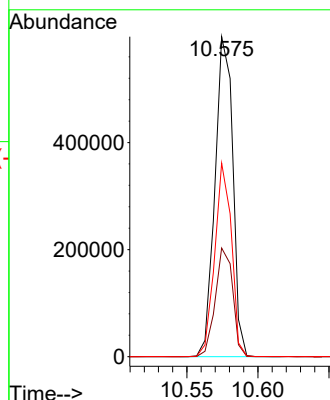
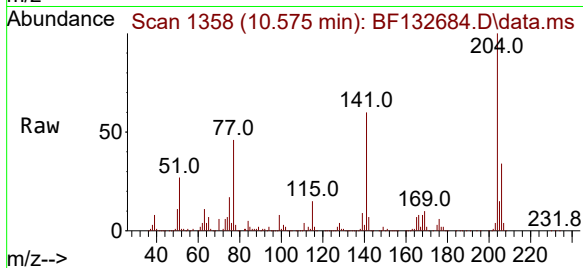




#61
4-Chlorophenyl-phenylether
Concen: 41.969 ng
RT: 10.575 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

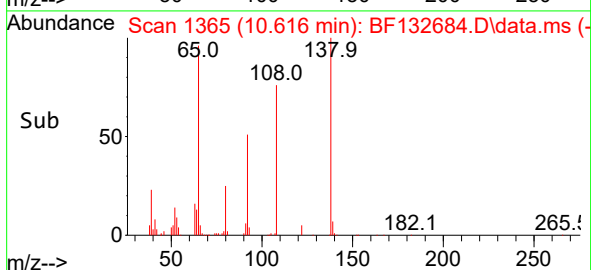
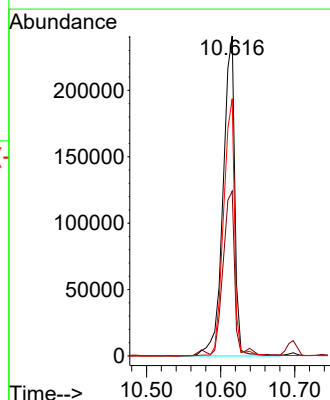
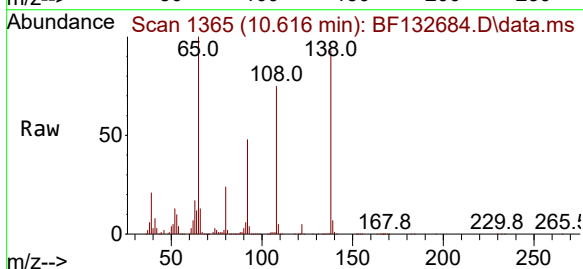
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

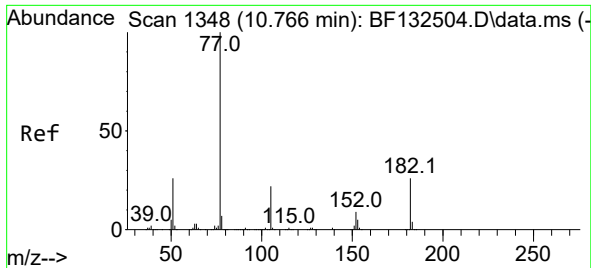
Tgt Ion:204 Resp: 520352
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 60.5 47.8 71.8



#62
4-Nitroaniline
Concen: 41.308 ng
RT: 10.616 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:138 Resp: 265816
Ion Ratio Lower Upper
138 100
92 51.5 33.8 73.8
108 80.4 63.7 103.7

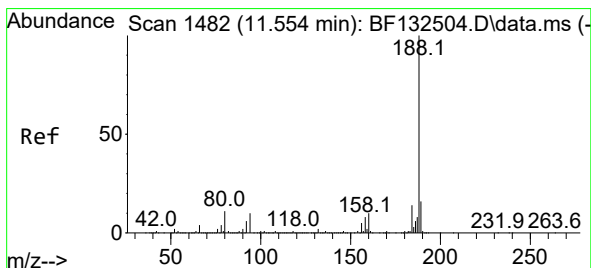
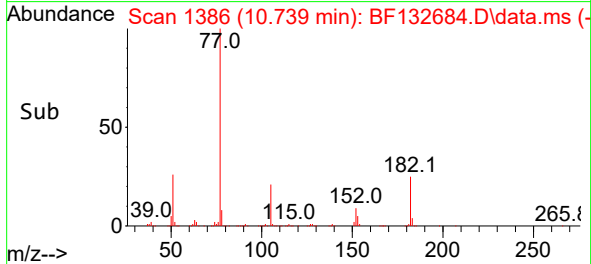
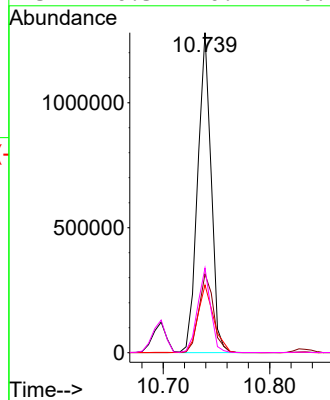
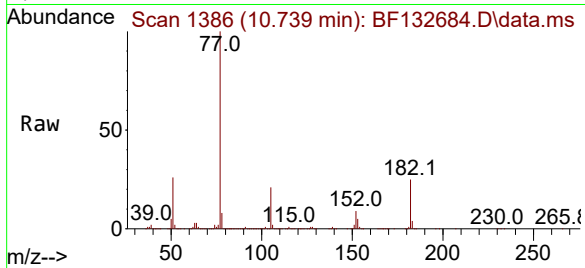




#63
Azobenzene
Concen: 42.158 ng
RT: 10.739 min Scan# 1122103
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

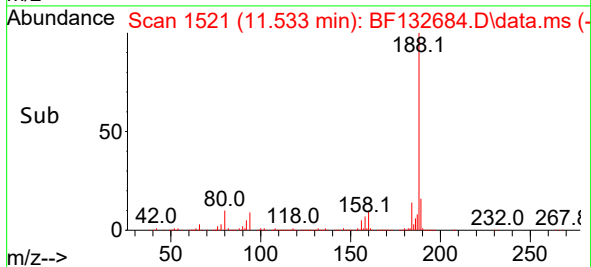
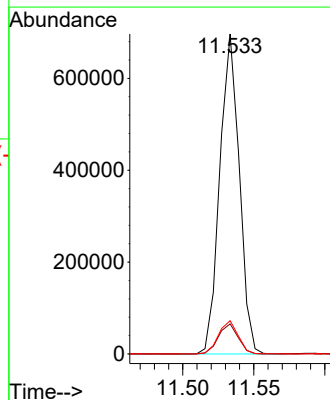
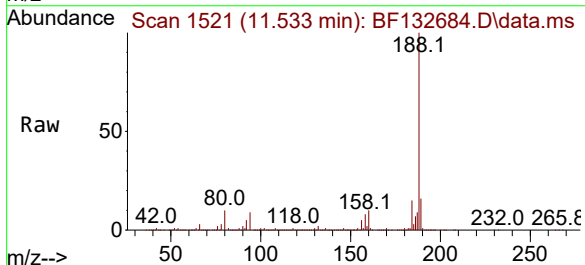
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

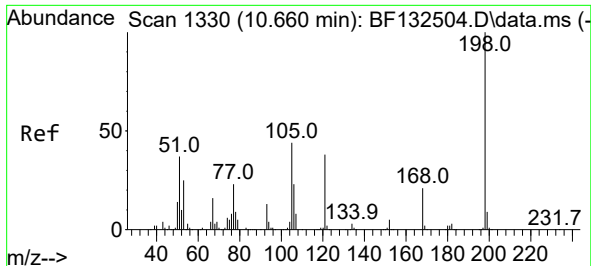
Tgt Ion: 77 Resp: 1122103
Ion Ratio Lower Upper
77 100
182 24.6 5.5 45.5
105 21.2 1.8 41.8
51 26.5 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion: 188 Resp: 665631
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.4 8.7 13.1

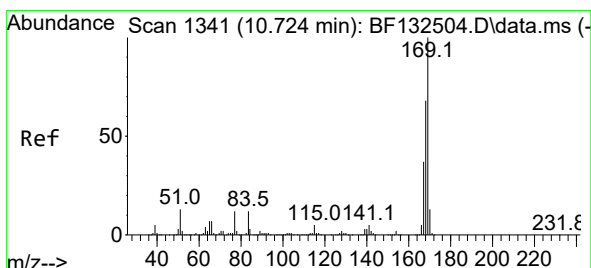
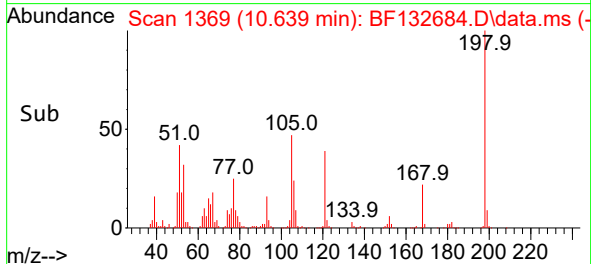
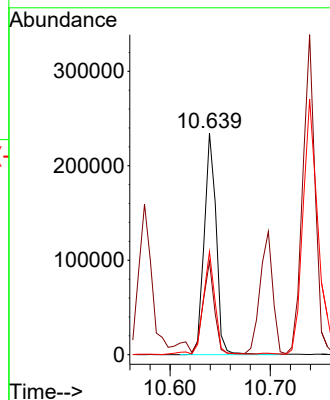
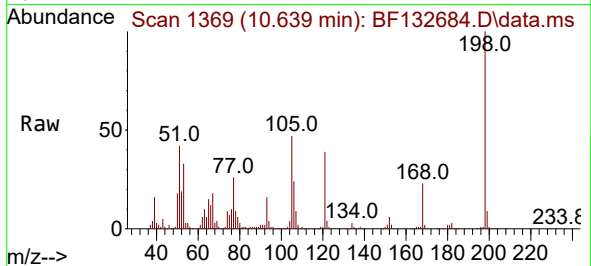




#65
4,6-Dinitro-2-methylphenol
Concen: 43.523 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

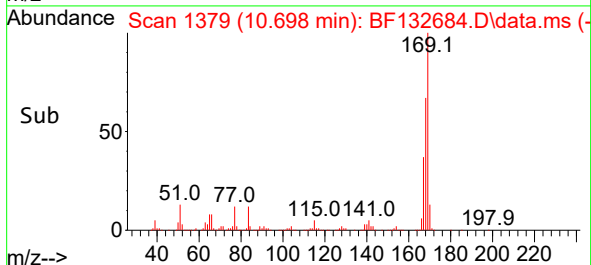
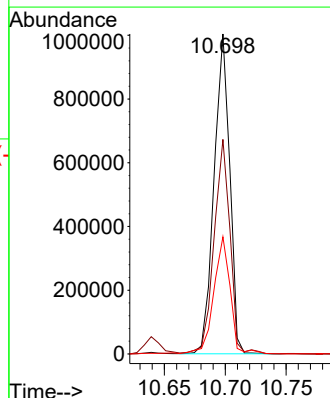
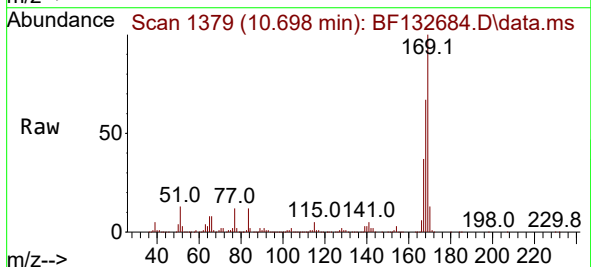
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

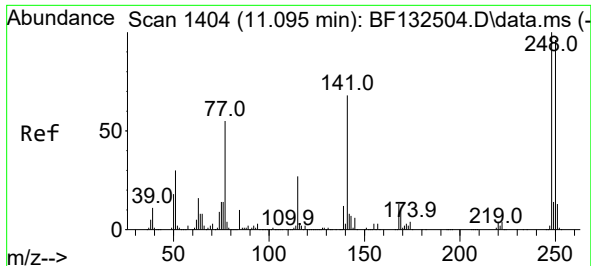
Tgt Ion:198 Resp: 196113
Ion Ratio Lower Upper
198 100
51 42.1 20.6 60.6
105 46.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 43.236 ng
RT: 10.698 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:169 Resp: 897216
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 36.6 29.6 44.4

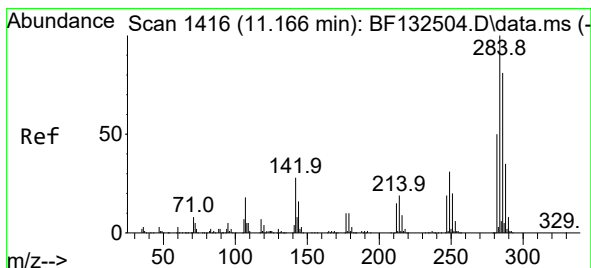
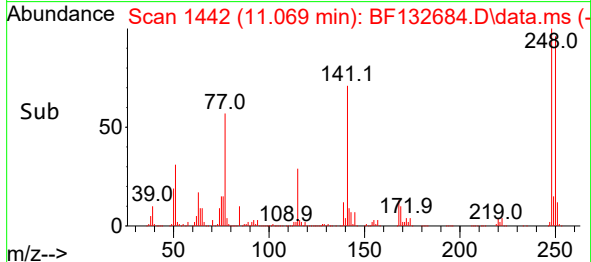
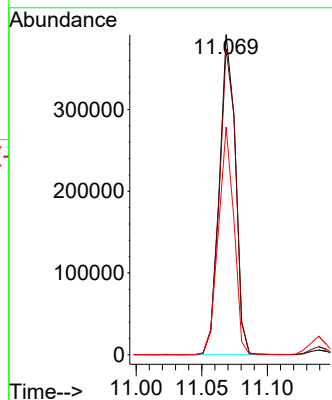
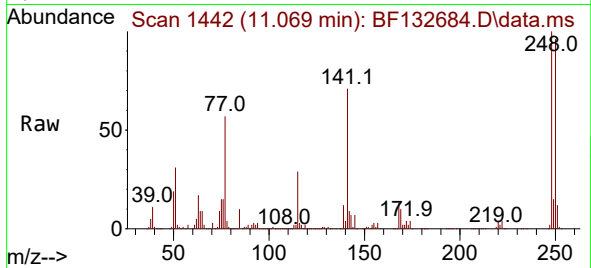




#67
4-Bromophenyl-phenylether
Concen: 44.151 ng
RT: 11.069 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

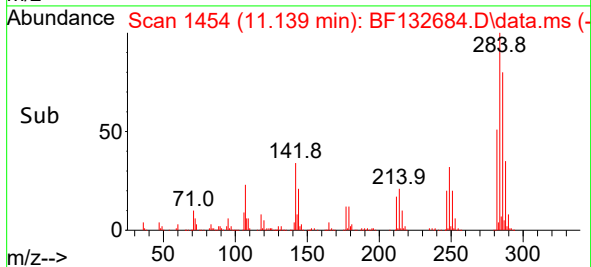
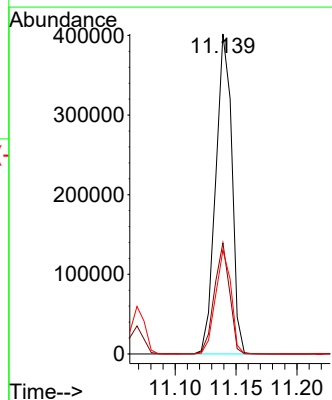
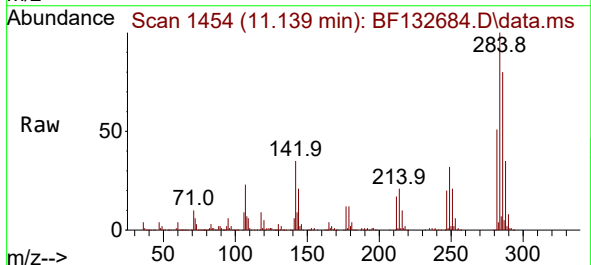
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

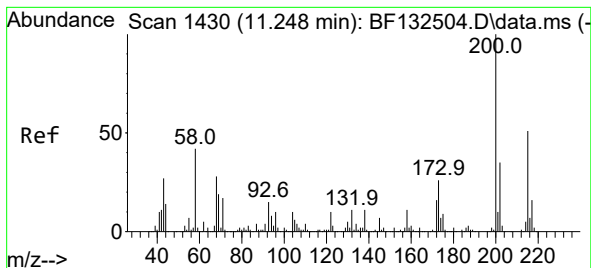
Tgt Ion:248 Resp: 332430
Ion Ratio Lower Upper
248 100
250 95.6 77.0 115.4
141 71.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.605 ng
RT: 11.139 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:284 Resp: 369236
Ion Ratio Lower Upper
284 100
142 34.7 22.2 33.4#
249 32.4 24.9 37.3





#69

Atrazine

Concen: 47.495 ng

RT: 11.222 min Scan# 1468

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

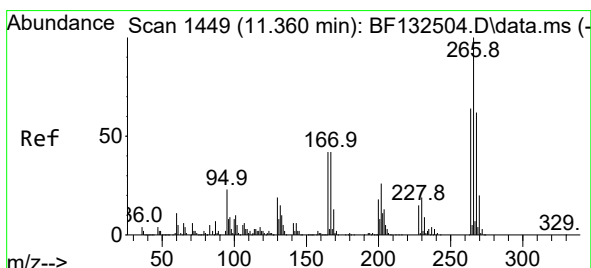
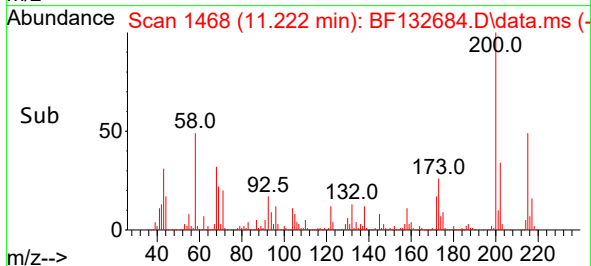
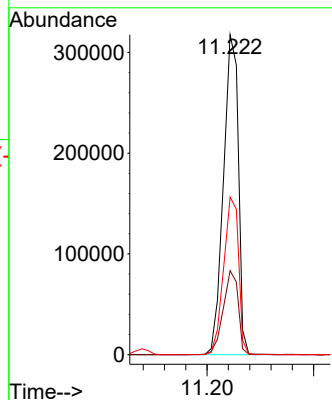
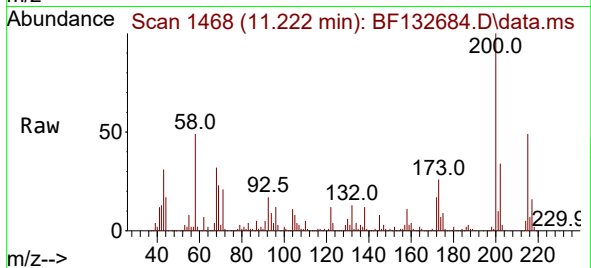
Tgt Ion:200 Resp: 307693

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 49.2 31.0 71.0



#70

Pentachlorophenol

Concen: 74.891 ng

RT: 11.339 min Scan# 1488

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

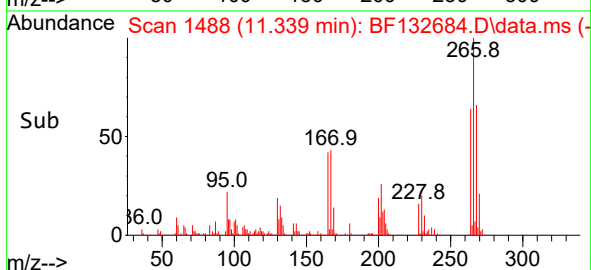
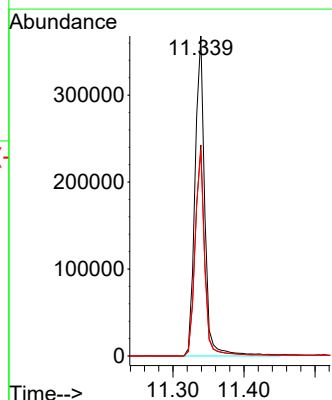
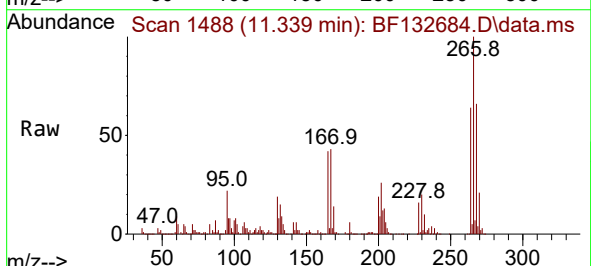
Tgt Ion:266 Resp: 353010

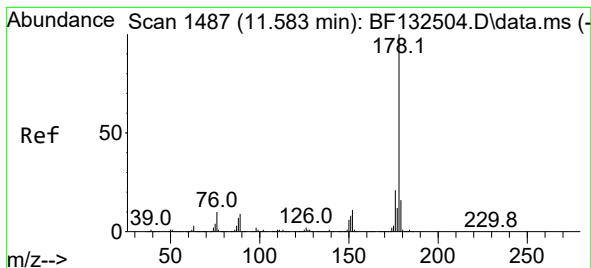
Ion Ratio Lower Upper

266 100

268 66.0 49.8 74.6

264 64.2 50.9 76.3





#71

Phenanthrene

Concen: 59.391 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

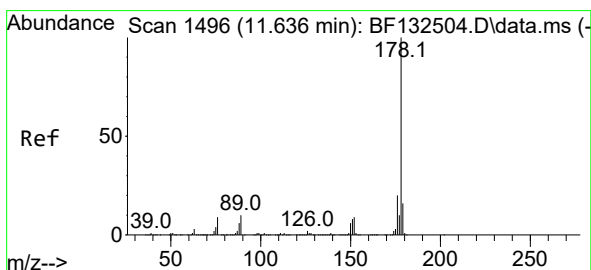
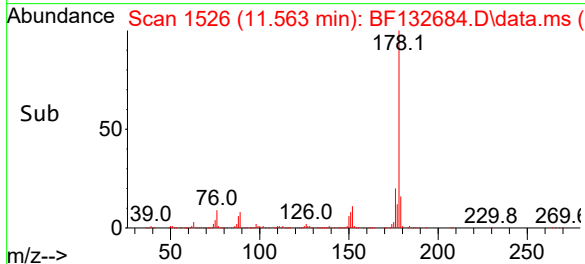
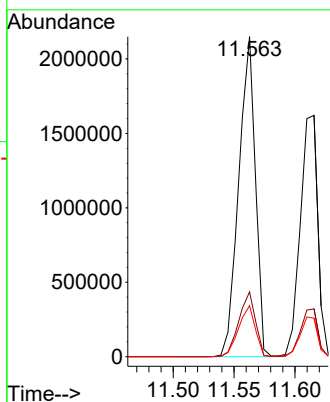
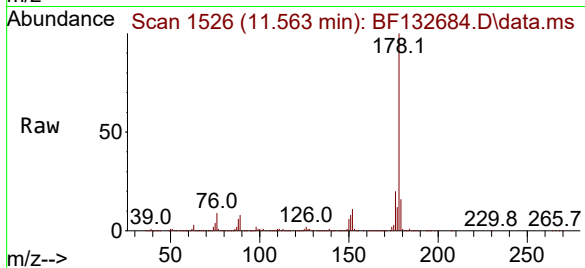
Tgt Ion:178 Resp: 2047974

Ion Ratio Lower Upper

178 100

176 20.3 16.5 24.7

179 16.0 13.0 19.6



#72

Anthracene

Concen: 45.841 ng

RT: 11.616 min Scan# 1535

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

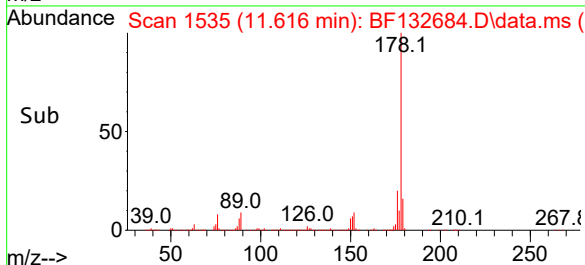
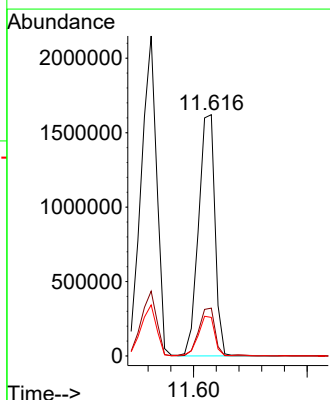
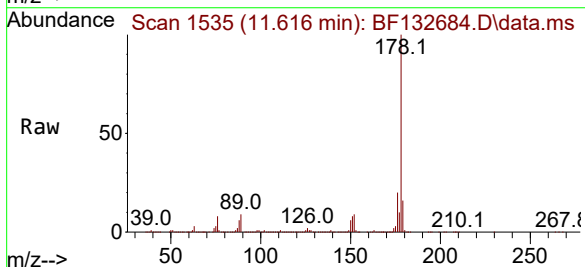
Tgt Ion:178 Resp: 1627798

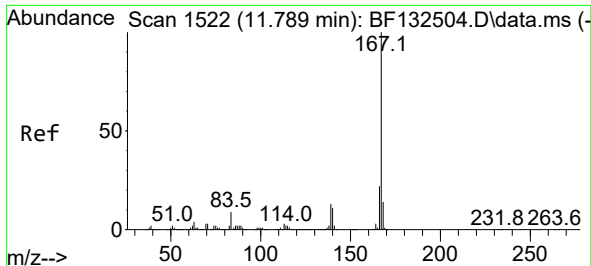
Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 16.0 12.5 18.7

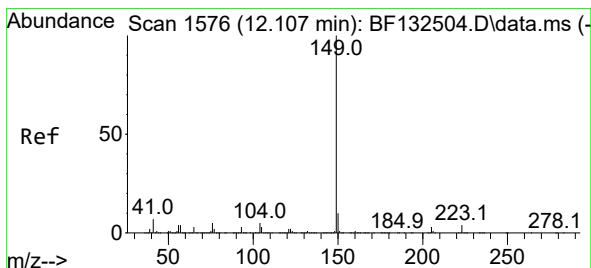
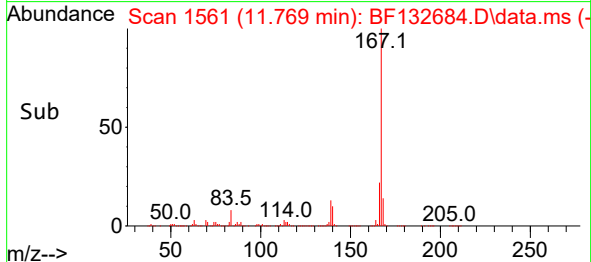
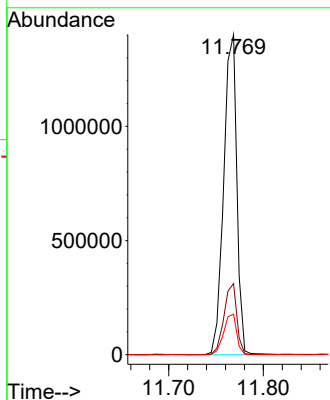
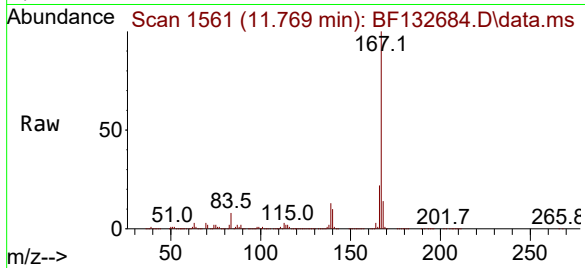




#73
 Carbazole
 Concen: 42.202 ng
 RT: 11.769 min Scan# 1561
 Delta R.T. -0.000 min
 Lab File: BF132684.D
 Acq: 07 Mar 2023 18:34

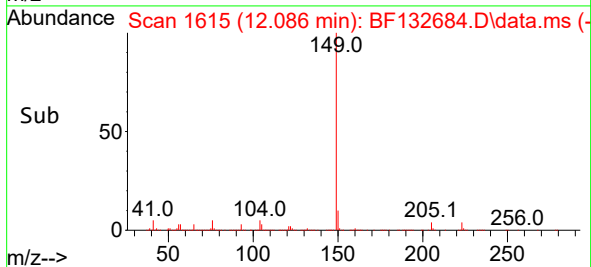
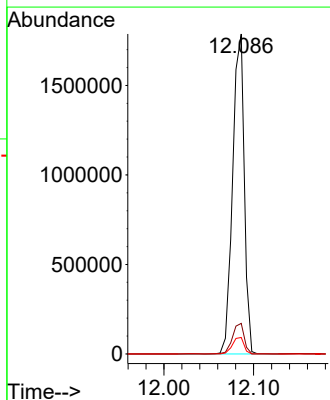
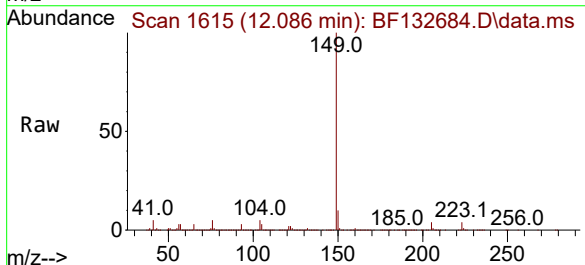
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MS

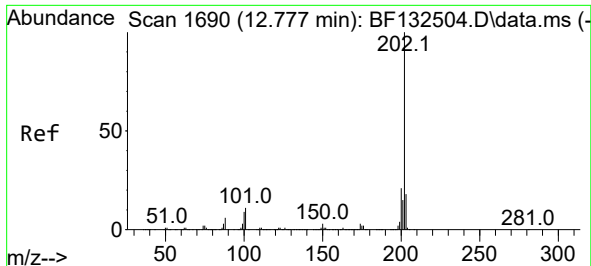
Tgt Ion:167 Resp: 1351119
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 12.7 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.802 ng
 RT: 12.086 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF132684.D
 Acq: 07 Mar 2023 18:34

Tgt Ion:149 Resp: 1607408
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.1 4.3 6.5

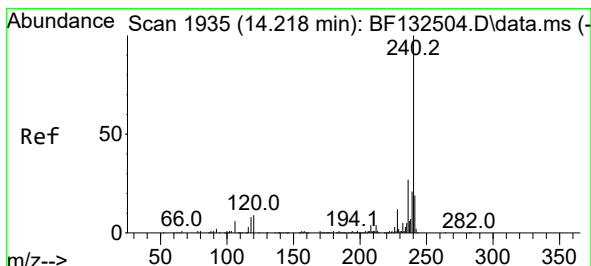
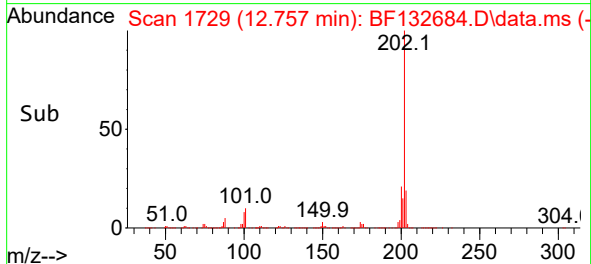
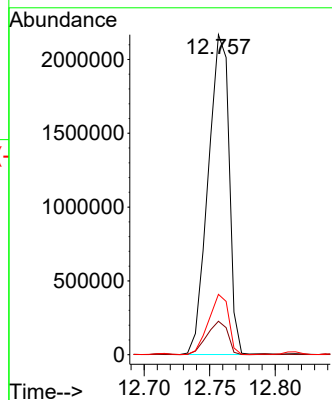
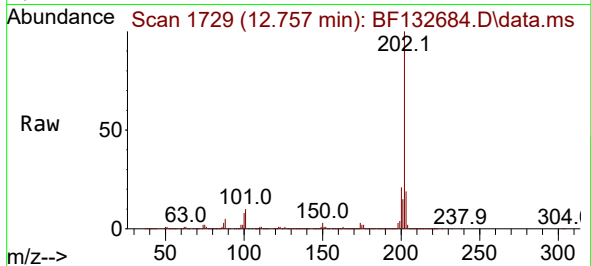




#75
Fluoranthene
Concen: 63.908 ng
RT: 12.757 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

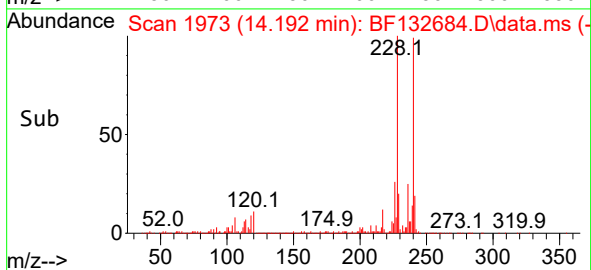
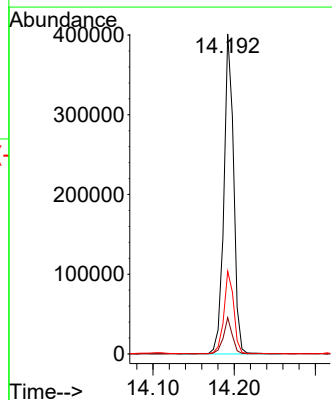
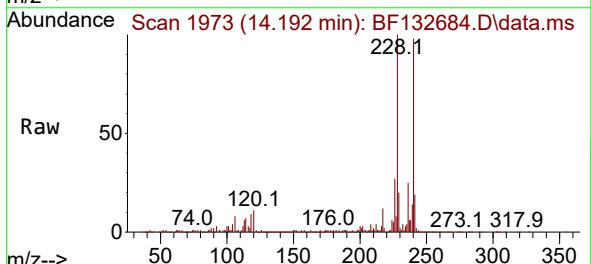
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

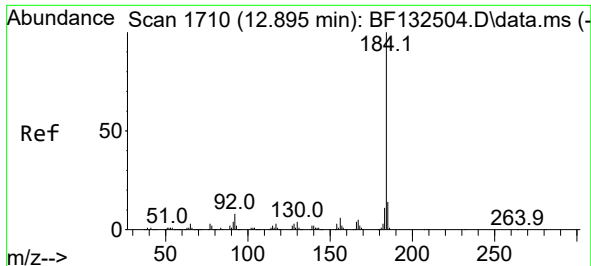
Tgt Ion:202 Resp: 2409143
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:240 Resp: 336739
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 25.9 21.8 32.6

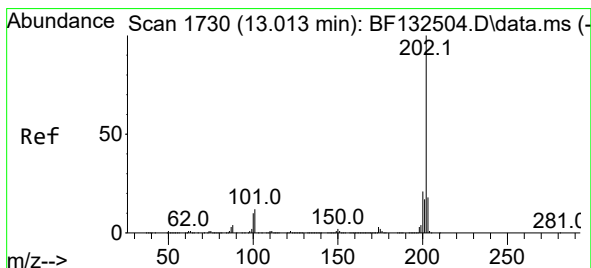
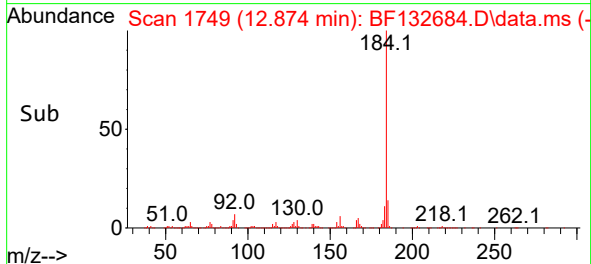
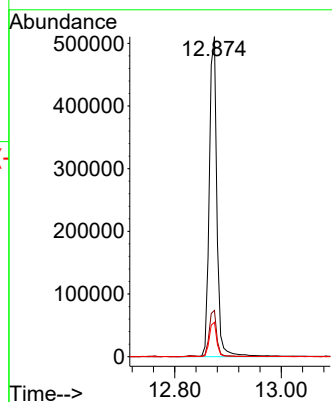
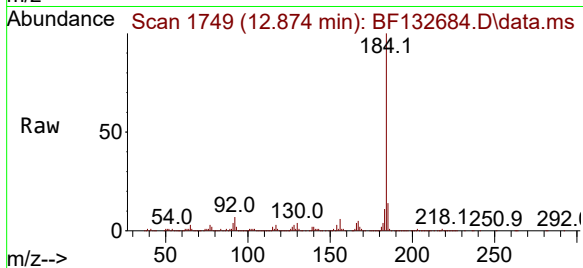




#77
Benzidine
Concen: 61.495 ng
RT: 12.874 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

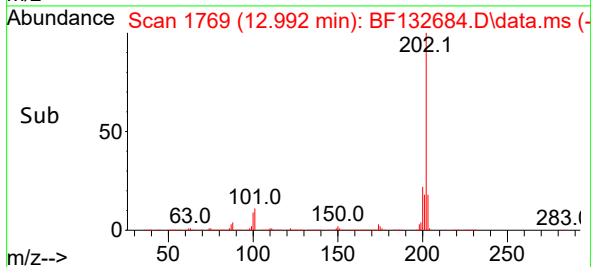
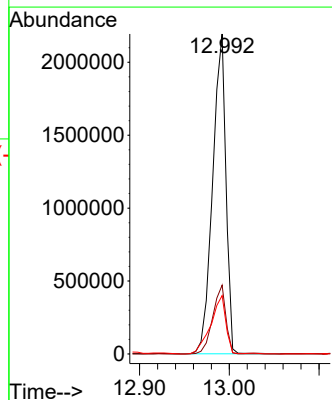
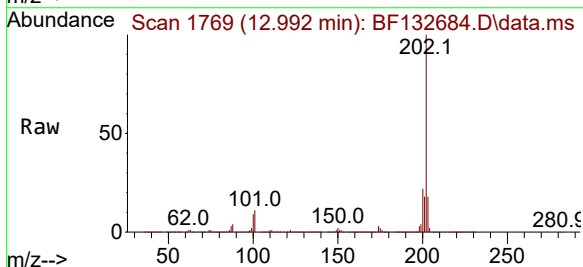
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

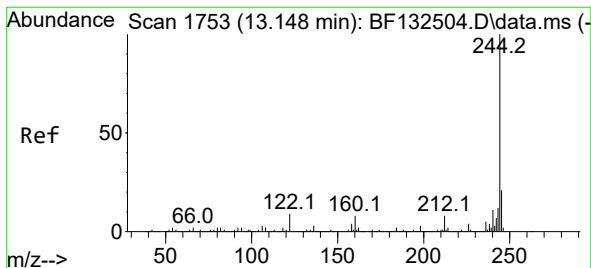
Tgt Ion:184 Resp: 504090
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.8 8.7 13.1



#78
Pyrene
Concen: 73.772 ng
RT: 12.992 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:202 Resp: 2258568
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 73.765 ng

RT: 13.121 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

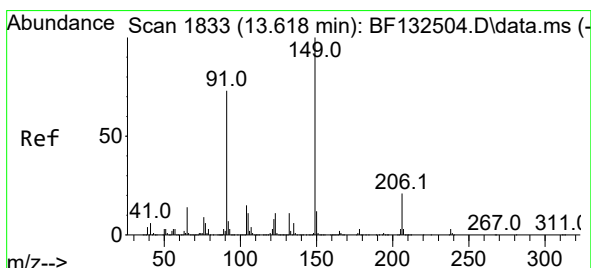
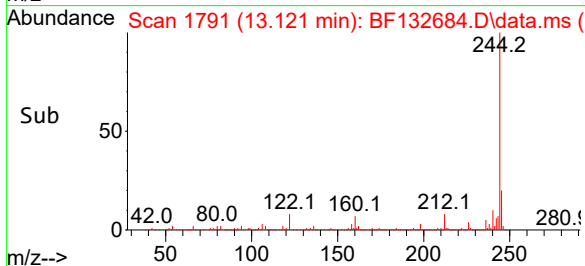
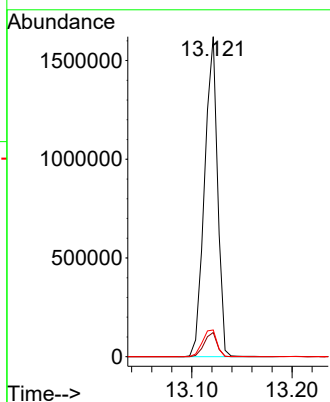
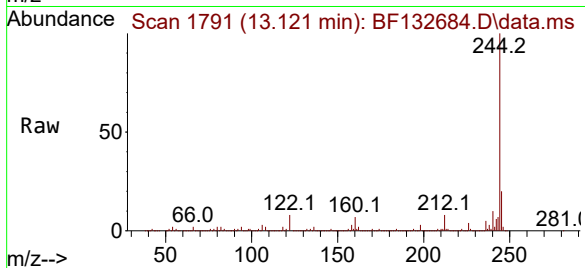
Tgt Ion:244 Resp: 1469142

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 8.3 7.5 11.3



#80

Butylbenzylphthalate

Concen: 48.755 ng

RT: 13.592 min Scan# 1871

Delta R.T. -0.006 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

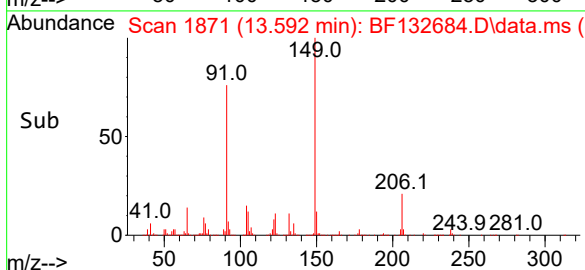
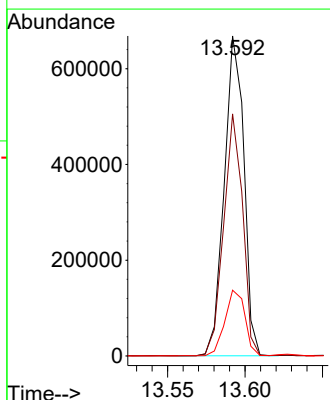
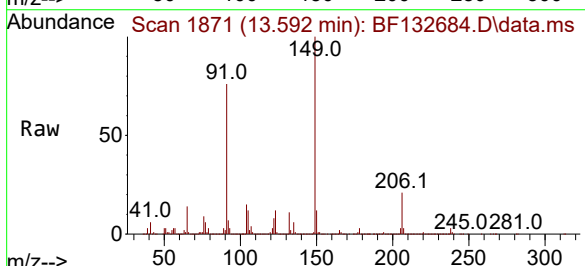
Tgt Ion:149 Resp: 589035

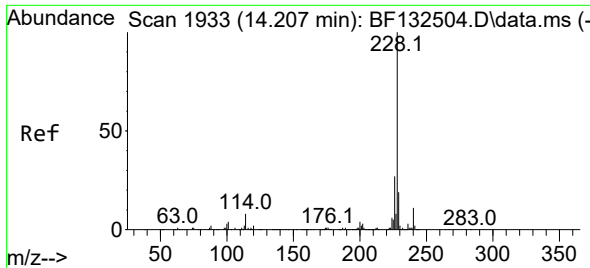
Ion Ratio Lower Upper

149 100

91 75.6 58.4 87.6

206 20.5 16.8 25.2

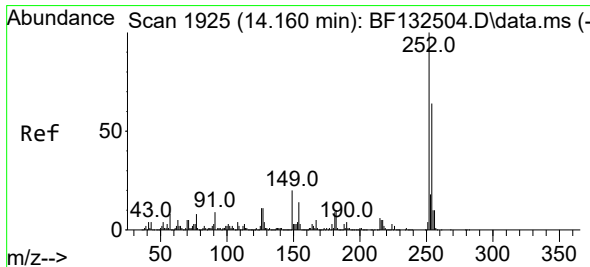
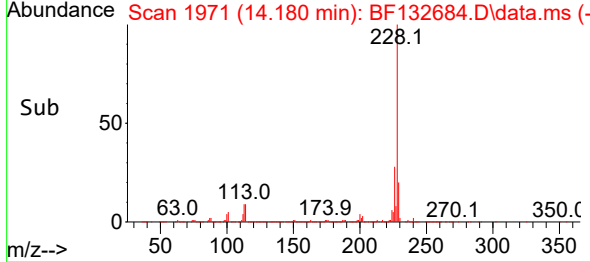
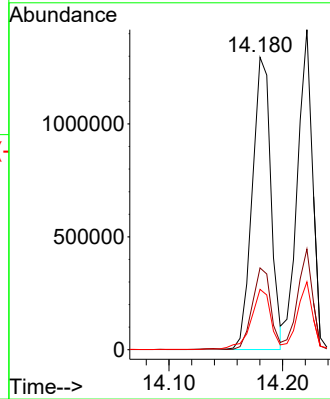
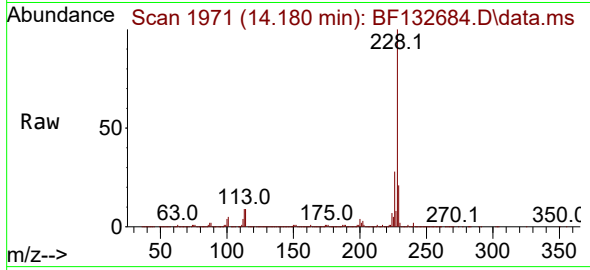




#81
Benzo(a)anthracene
Concen: 58.567 ng
RT: 14.180 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

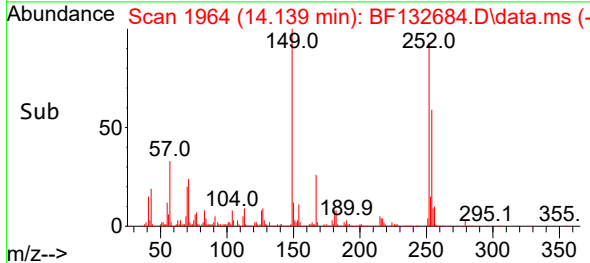
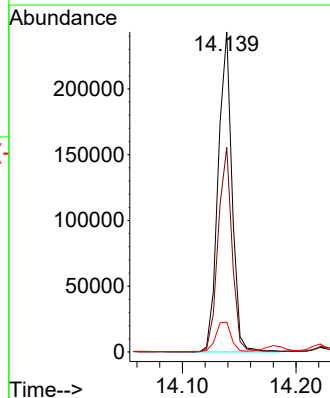
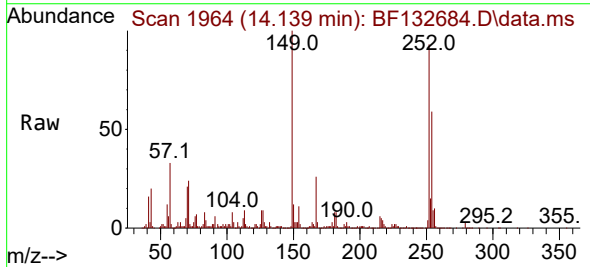
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

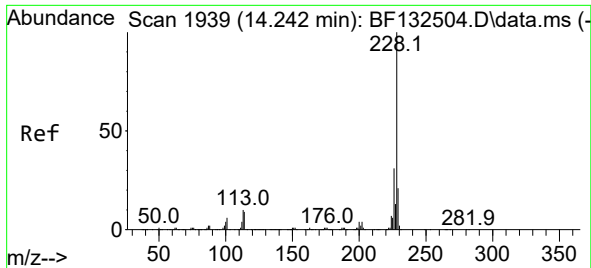
Tgt Ion:228 Resp: 1475641
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 27.762 ng
RT: 14.139 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:252 Resp: 206218
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 9.3 8.9 13.3

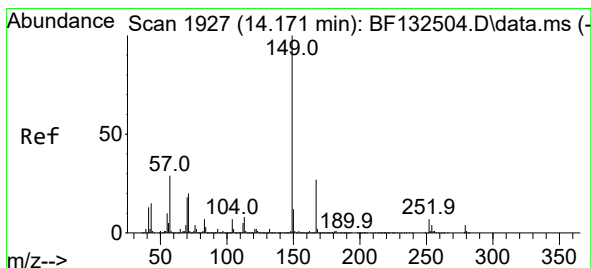
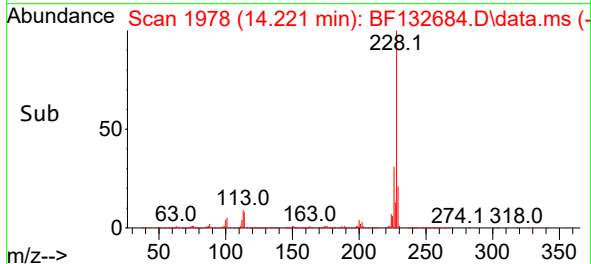
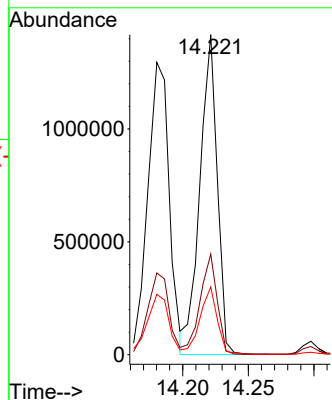
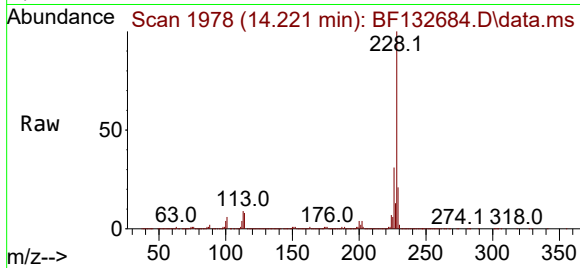




#83
Chrysene
Concen: 55.700 ng
RT: 14.221 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

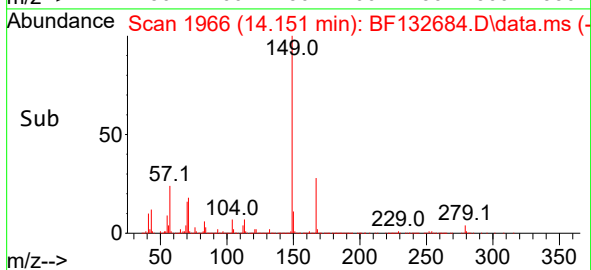
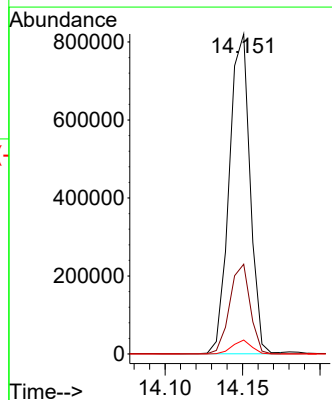
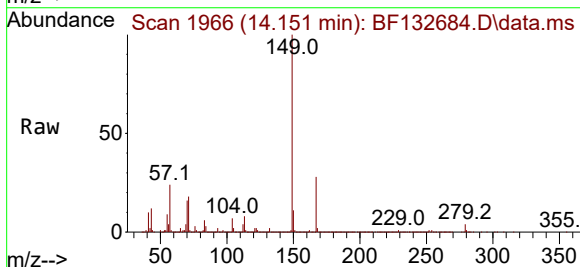
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

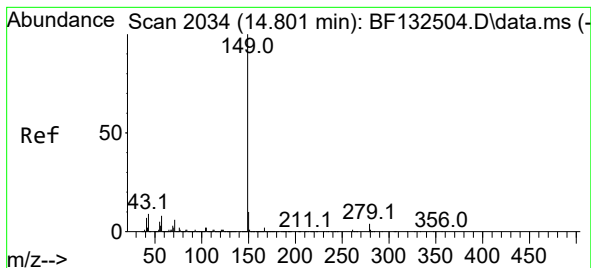
Tgt Ion:228 Resp: 1312343
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 21.2 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.591 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:149 Resp: 765692
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.075 ng

RT: 14.774 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MS

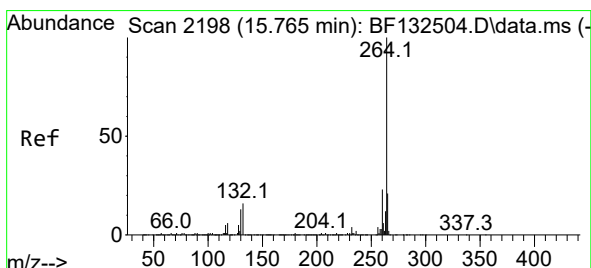
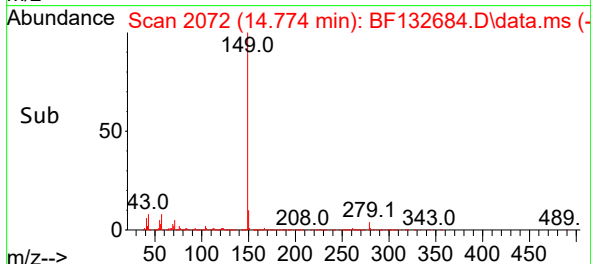
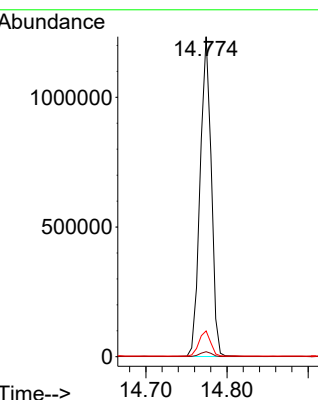
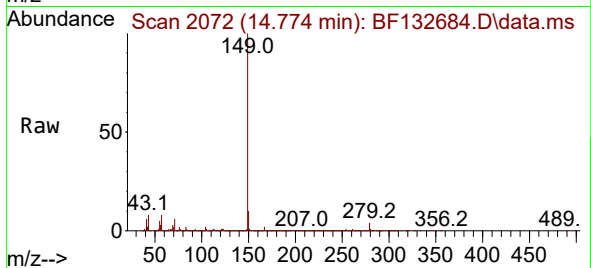
Tgt Ion:149 Resp: 1172784

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.739 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF132684.D

Acq: 07 Mar 2023 18:34

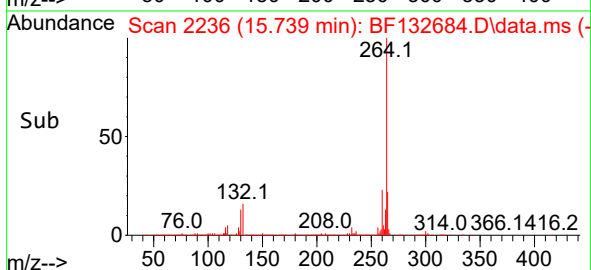
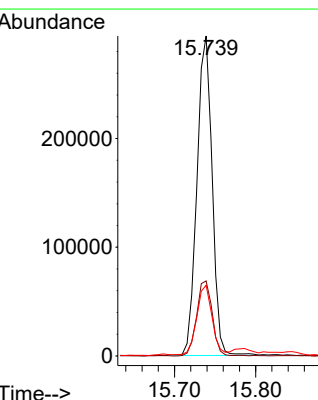
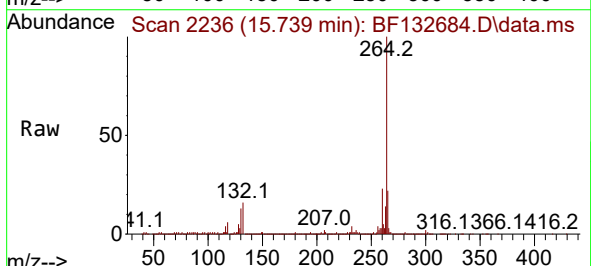
Tgt Ion:264 Resp: 381622

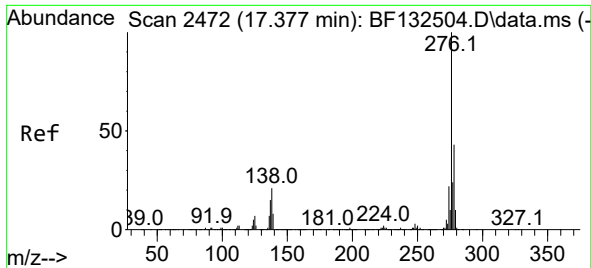
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.1 17.1 25.7

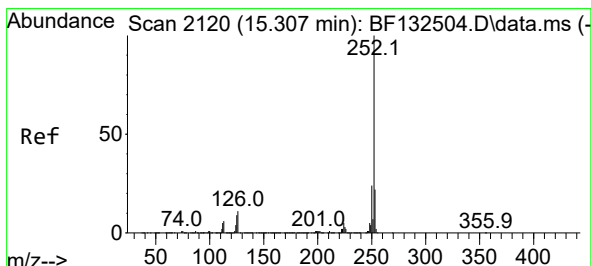
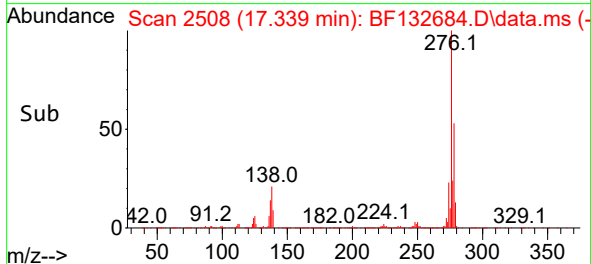
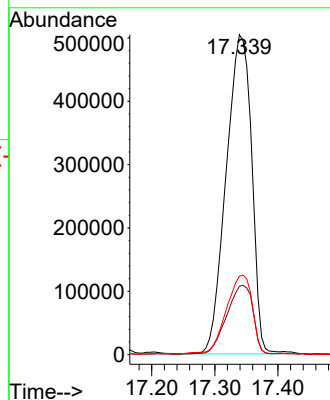
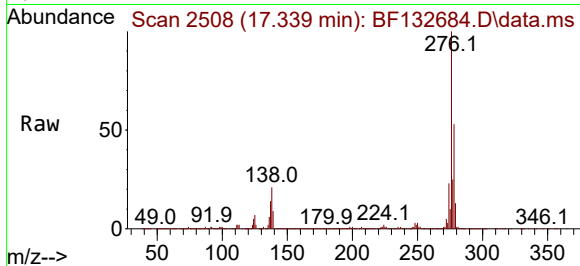




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.500 ng
 RT: 17.339 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BF132684.D
 Acq: 07 Mar 2023 18:34

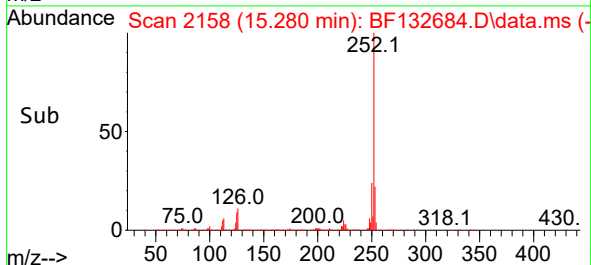
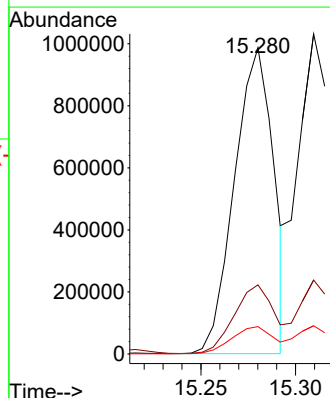
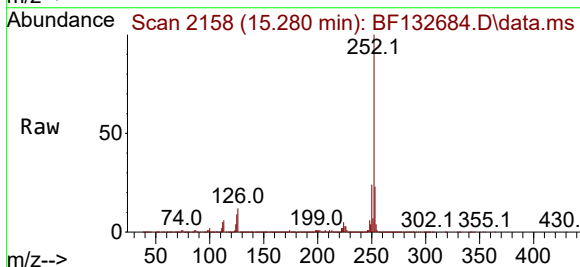
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MS

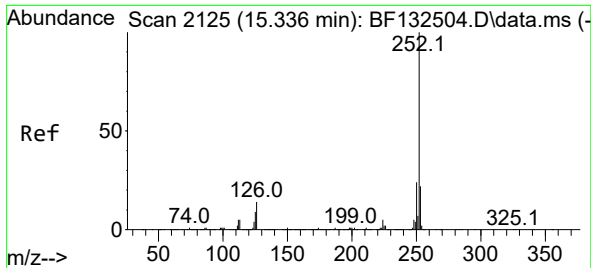
Tgt Ion:276 Resp: 1412810
 Ion Ratio Lower Upper
 276 100
 138 22.3 19.0 28.4
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 55.500 ng
 RT: 15.280 min Scan# 2158
 Delta R.T. -0.000 min
 Lab File: BF132684.D
 Acq: 07 Mar 2023 18:34

Tgt Ion:252 Resp: 1419379
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.0
 125 8.9 7.0 10.6

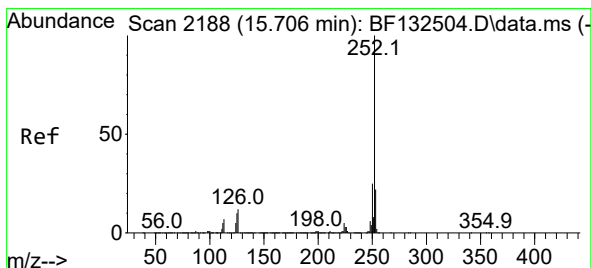
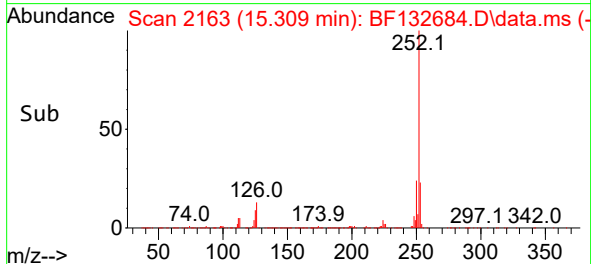
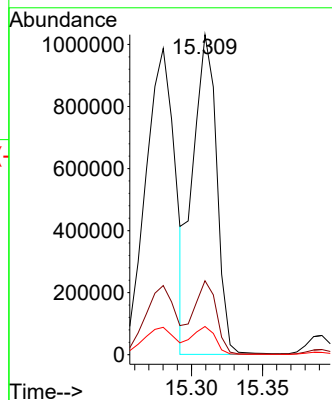
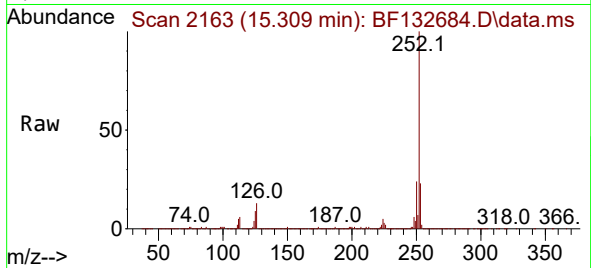




#89
Benzo(k)fluoranthene
Concen: 47.773 ng
RT: 15.309 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

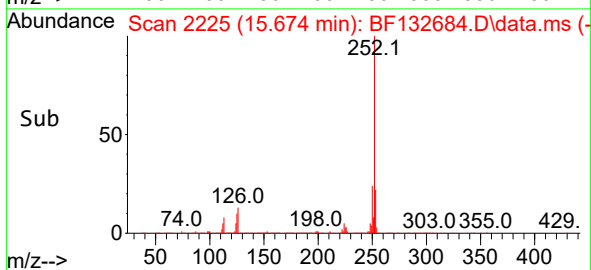
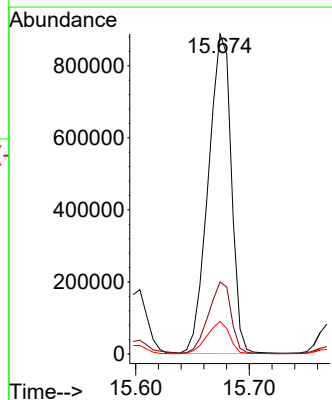
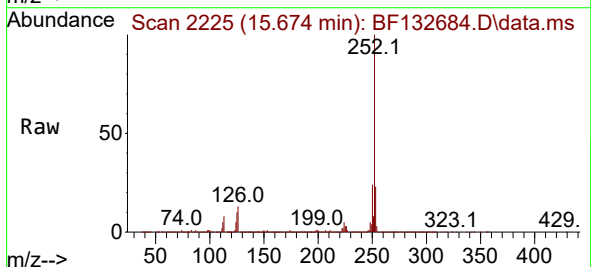
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

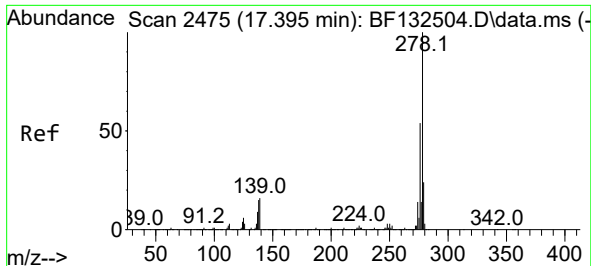
Tgt Ion:252 Resp: 1195729
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 8.8 7.2 10.8



#90
Benzo(a)pyrene
Concen: 52.238 ng
RT: 15.674 min Scan# 2225
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:252 Resp: 1250353
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.2 8.0 12.0

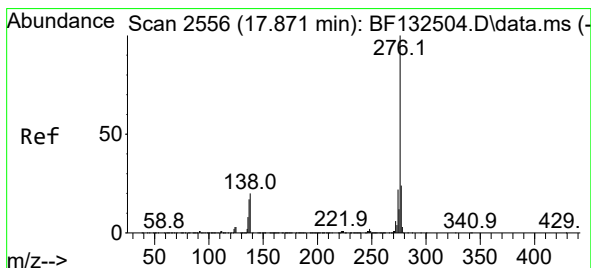
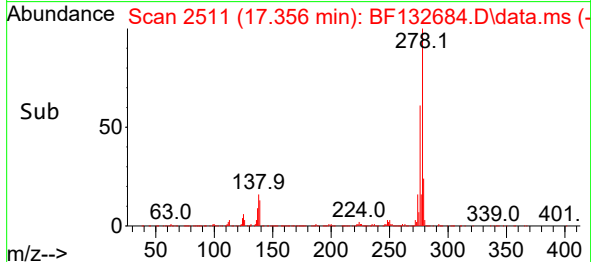
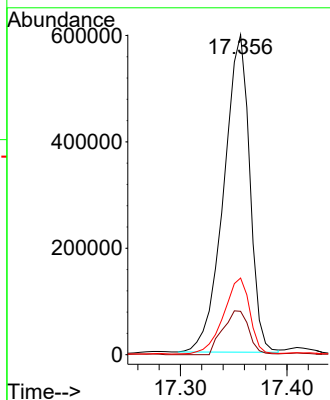
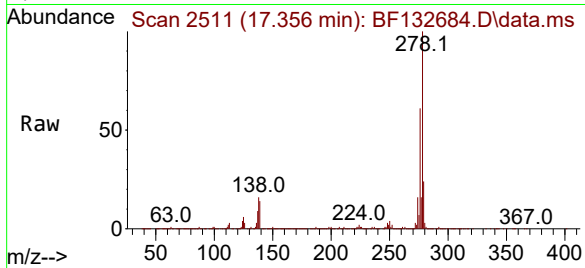




#91
Dibenzo(a,h)anthracene
Concen: 49.610 ng
RT: 17.356 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MS

Tgt Ion:278 Resp: 1010750
Ion Ratio Lower Upper
278 100
139 13.6 13.0 19.4
279 24.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.835 ng
RT: 17.833 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF132684.D
Acq: 07 Mar 2023 18:34

Tgt Ion:276 Resp: 1172731
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.1 16.2 24.4

