

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130342.D
 Acq On : 20 Sep 2022 13:51
 Operator : CG\JU
 Sample : PB147759BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147759BS

Quant Time: Sep 21 05:12:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	106931	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	425468	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	227410	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	404862	20.000	ng	0.00
76) Chrysene-d12	13.804	240	241614	20.000	ng	0.00
86) Perylene-d12	15.192	264	197415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	823358	133.552	ng	0.02
7) Phenol-d6	6.310	99	1009160	130.823	ng	0.01
23) Nitrobenzene-d5	7.228	82	645848	77.551	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	342613	157.232	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1250358	80.065	ng	0.00
79) Terphenyl-d14	12.763	244	1373287	94.152	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	90542	31.978	ng	96
3) Pyridine	3.052	79	244830	33.148	ng	95
4) n-Nitrosodimethylamine	3.010	42	147784	36.789	ng	93
6) Aniline	6.322	93	373101	39.255	ng	# 37
8) 2-Chlorophenol	6.445	128	317429	45.200	ng	94
9) Benzaldehyde	6.210	77	189661	36.705	ng	92
10) Phenol	6.322	94	385288	42.621	ng	# 72
11) bis(2-Chloroethyl)ether	6.404	93	282693	43.355	ng	94
12) 1,3-Dichlorobenzene	6.598	146	336814	43.587	ng	97
13) 1,4-Dichlorobenzene	6.675	146	347016	44.037	ng	99
14) 1,2-Dichlorobenzene	6.828	146	326335	44.331	ng	97
15) Benzyl Alcohol	6.810	79	246801	40.353	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.940	45	362078	38.073	ng	89
17) 2-Methylphenol	6.928	107	252882	44.296	ng	98
18) Hexachloroethane	7.169	117	130115	41.889	ng	96
19) n-Nitroso-di-n-propyla...	7.081	70	213208	40.961	ng	95
20) 3+4-Methylphenols	7.081	107	321330	43.328	ng	# 76
22) Acetophenone	7.075	105	452535	43.504	ng	93
24) Nitrobenzene	7.245	77	332835	39.360	ng	97
25) Isophorone	7.487	82	589621	43.927	ng	99
26) 2-Nitrophenol	7.563	139	166654	48.076	ng	90
27) 2,4-Dimethylphenol	7.610	122	262467	49.174	ng	96
28) bis(2-Chloroethoxy)met...	7.704	93	350276	46.344	ng	100
29) 2,4-Dichlorophenol	7.804	162	263281	45.013	ng	99
30) 1,2,4-Trichlorobenzene	7.887	180	274432	43.397	ng	96
31) Naphthalene	7.963	128	914190	41.707	ng	99
32) Benzoic acid	7.745	122	171105	41.454	ng	94
33) 4-Chloroaniline	8.022	127	312981	37.543	ng	95
34) Hexachlorobutadiene	8.081	225	172040	42.569	ng	99
36) 4-Chloro-3-methylphenol	8.510	107	293684	45.299	ng	98
37) 2-Methylnaphthalene	8.657	142	601259	43.022	ng	100
38) 1-Methylnaphthalene	8.757	142	569934	42.451	ng	99
40) 1,2,4,5-Tetrachloroben...	8.822	216	275194	44.342	ng	99
41) Hexachlorocyclopentadiene	8.810	237	336506	101.275	ng	99
43) 2,4,6-Trichlorophenol	8.939	196	193117	44.586	ng	95
44) 2,4,5-Trichlorophenol	8.981	196	204514	43.756	ng	97

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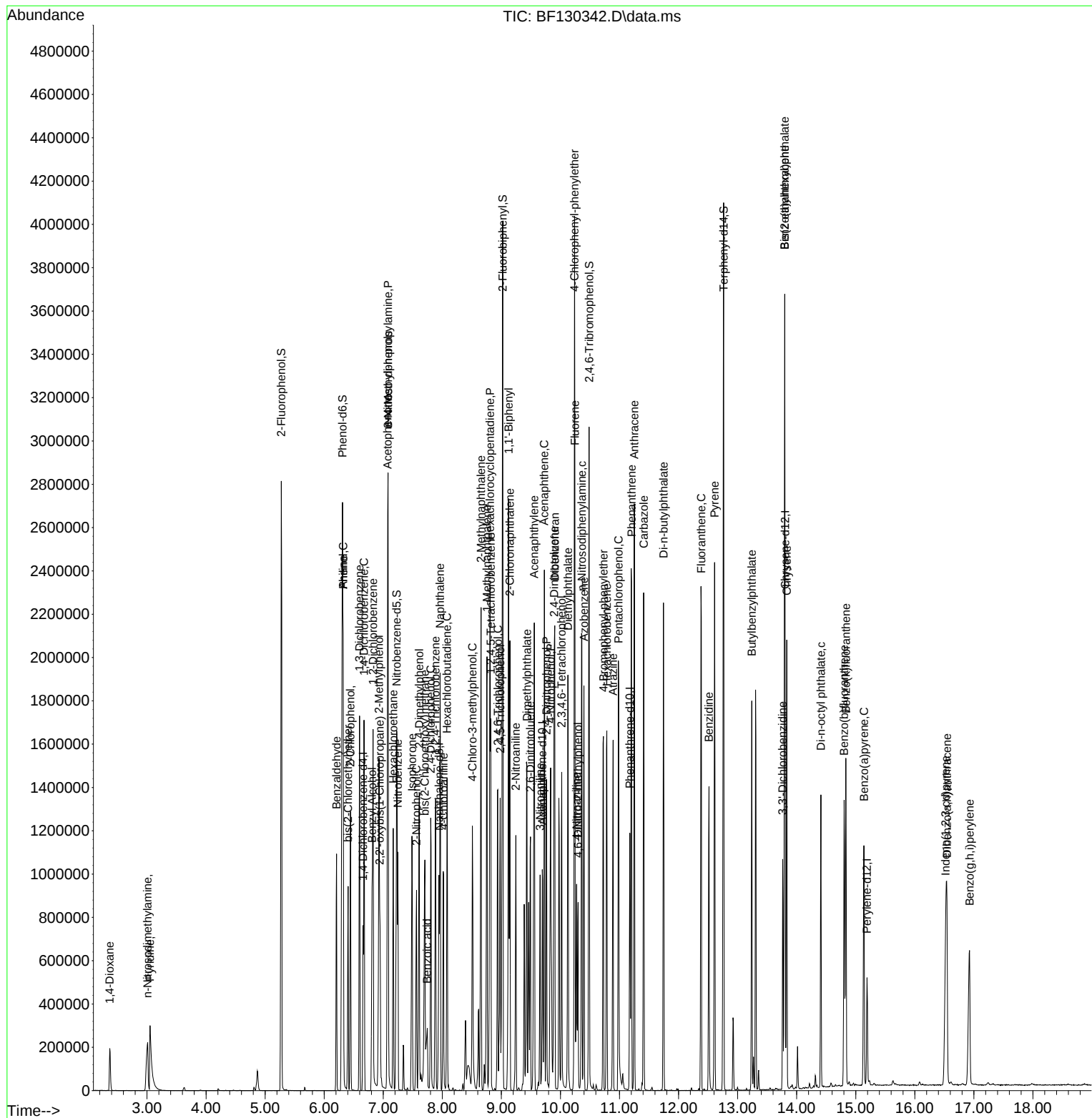
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.122	154	736273	43.351	ng	98
47) 2-Chloronaphthalene	9.145	162	577678	42.047	ng	98
48) 2-Nitroaniline	9.245	65	185261	40.429	ng	93
49) Acenaphthylene	9.557	152	884487	42.937	ng	100
50) Dimethylphthalate	9.433	163	686543	43.705	ng	99
51) 2,6-Dinitrotoluene	9.492	165	151978	46.261	ng	# 80
52) Acenaphthene	9.728	154	522365	38.595	ng	99
53) 3-Nitroaniline	9.657	138	129624	35.410	ng	94
54) 2,4-Dinitrophenol	9.763	184	171063	94.738	ng	94
55) Dibenzofuran	9.904	168	807327	42.885	ng	98
56) 4-Nitrophenol	9.833	139	251697	94.400	ng	88
57) 2,4-Dinitrotoluene	9.892	165	205731	49.000	ng	90
58) Fluorene	10.245	166	662284	43.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.022	232	167217	45.708	ng	92
60) Diethylphthalate	10.128	149	669186	42.481	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	298964	44.266	ng	96
62) 4-Nitroaniline	10.275	138	162376	44.155	ng	94
63) Azobenzene	10.398	77	624758	38.516	ng	96
65) 4,6-Dinitro-2-methylph...	10.298	198	105917	46.996	ng	85
66) n-Nitrosodiphenylamine	10.363	169	561837	41.528	ng	100
67) 4-Bromophenyl-phenylether	10.728	248	196442	43.983	ng	94
68) Hexachlorobenzene	10.786	284	224764	44.395	ng	96
69) Atrazine	10.892	200	183296	46.360	ng	98
70) Pentachlorophenol	10.986	266	248823	91.575	ng	99
71) Phenanthrene	11.204	178	938087	41.270	ng	99
72) Anthracene	11.251	178	951349	43.370	ng	99
73) Carbazole	11.410	167	872794	44.088	ng	100
74) Di-n-butylphthalate	11.745	149	1004464	42.076	ng	99
75) Fluoranthene	12.386	202	959325	43.676	ng	97
77) Benzidine	12.516	184	499149	71.166	ng	98
78) Pyrene	12.610	202	952576	45.068	ng	100
80) Butylbenzylphthalate	13.239	149	371043	47.386	ng	95
81) Benzo(a)anthracene	13.798	228	703541	43.771	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	205853	47.049	ng	99
83) Chrysene	13.833	228	642252	42.083	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	439709	49.025	ng	99
85) Di-n-octyl phthalate	14.410	149	601116	43.819	ng	96
87) Indeno(1,2,3-cd)pyrene	16.521	276	603018	43.074	ng	98
88) Benzo(b)fluoranthene	14.804	252	634713	49.259	ng	99
89) Benzo(k)fluoranthene	14.833	252	534077	42.136	ng	99
90) Benzo(a)pyrene	15.139	252	502303	49.206	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	522430	45.490	ng	97
92) Benzo(g,h,i)perylene	16.927	276	519263	44.884	ng	99

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

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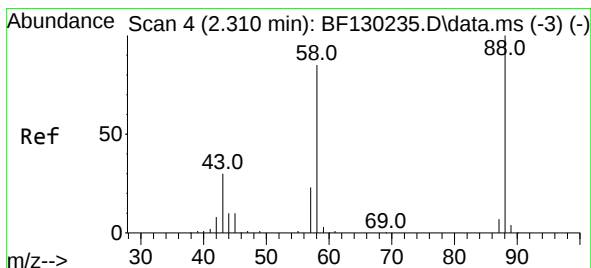
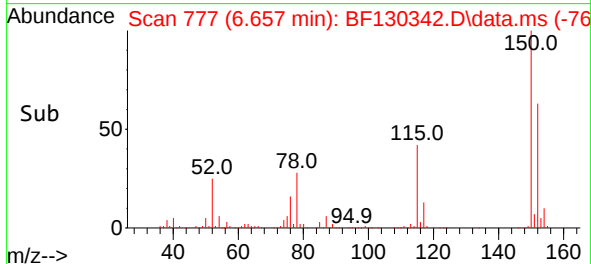
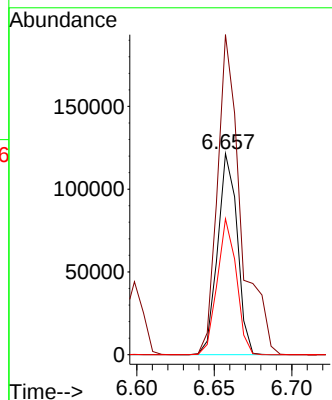
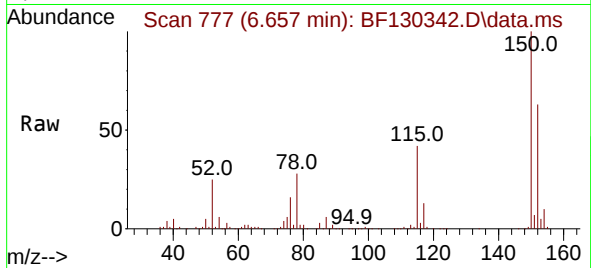




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

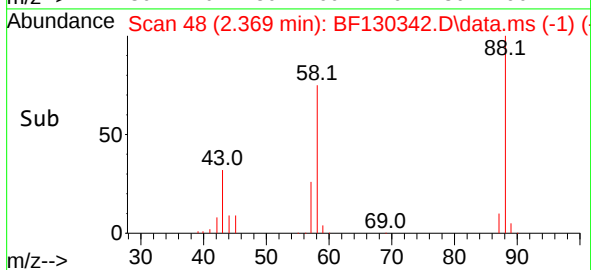
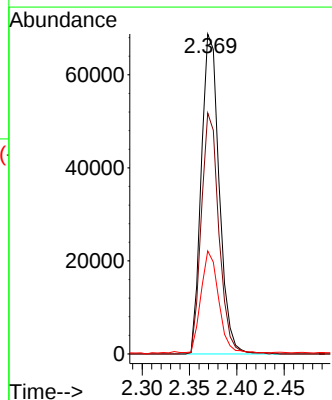
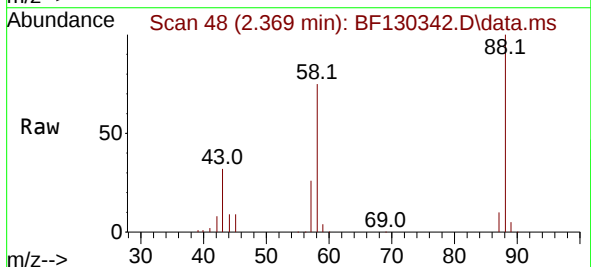
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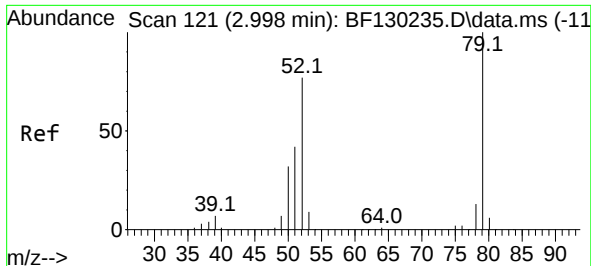
Tgt Ion:152 Resp: 106931
 Ion Ratio Lower Upper
 152 100
 150 159.1 122.8 184.2
 115 67.5 53.8 80.8



#2
 1,4-Dioxane
 Concen: 31.978 ng
 RT: 2.369 min Scan# 48
 Delta R.T. 0.082 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

Tgt Ion: 88 Resp: 90542
 Ion Ratio Lower Upper
 88 100
 58 73.8 61.3 91.9
 43 31.7 23.0 34.6





#3

Pyridine

Concen: 33.148 ng

RT: 3.052 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

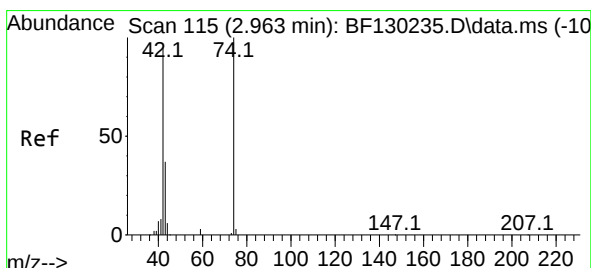
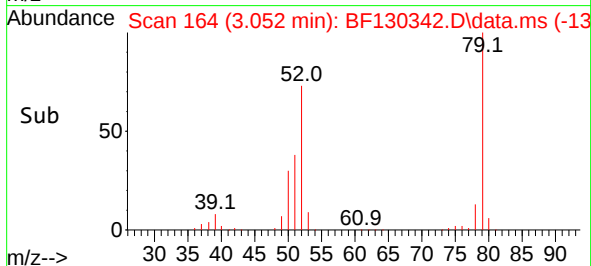
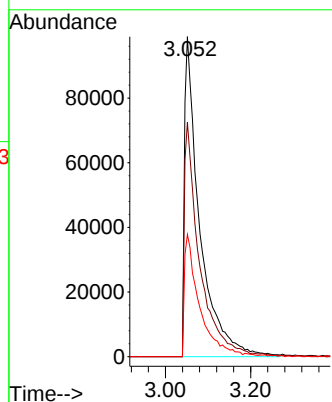
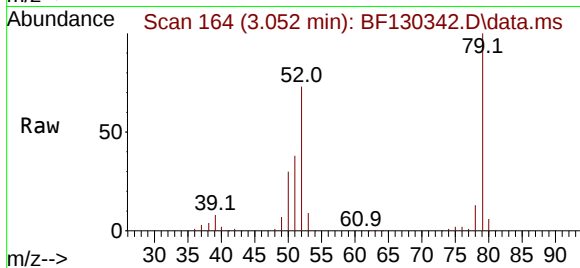
Tgt Ion: 79 Resp: 244830

Ion Ratio Lower Upper

79 100

52 73.2 62.4 93.6

51 38.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 36.789 ng

RT: 3.010 min Scan# 157

Delta R.T. 0.071 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

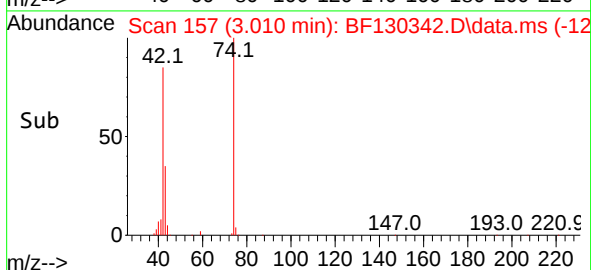
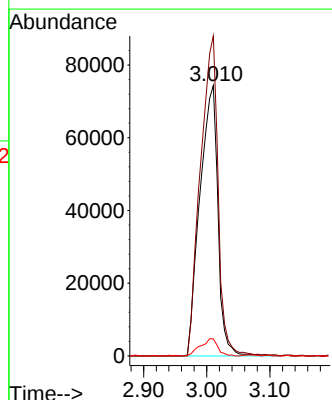
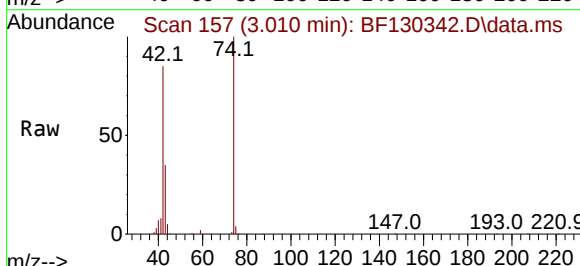
Tgt Ion: 42 Resp: 147784

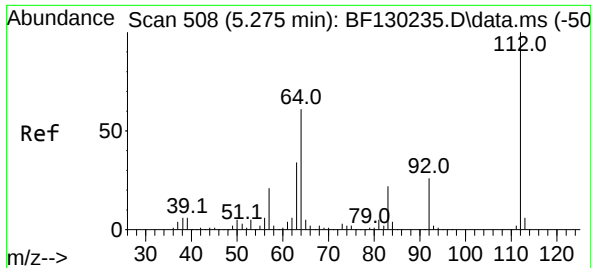
Ion Ratio Lower Upper

42 100

74 118.3 88.4 132.6

44 6.3 5.0 7.4

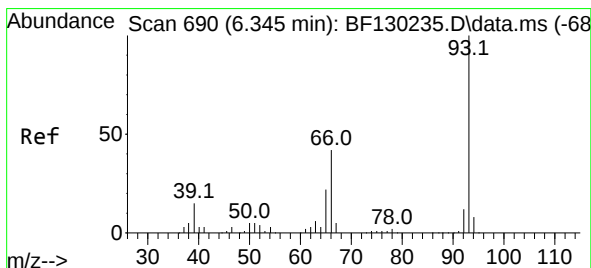
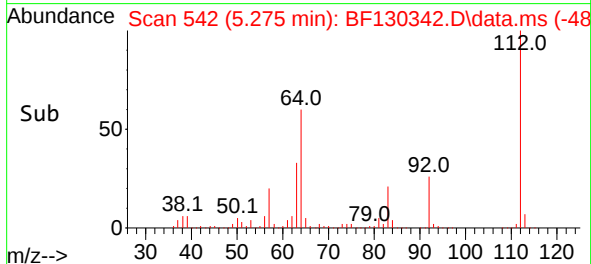
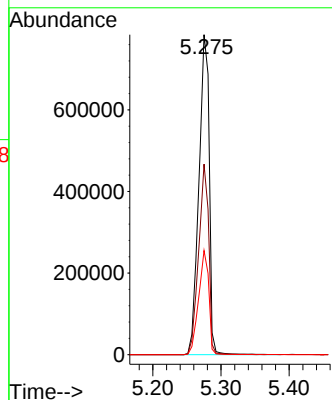
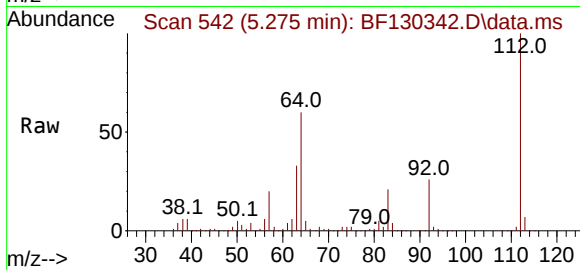




#5
2-Fluorophenol
Concen: 133.552 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130342.D
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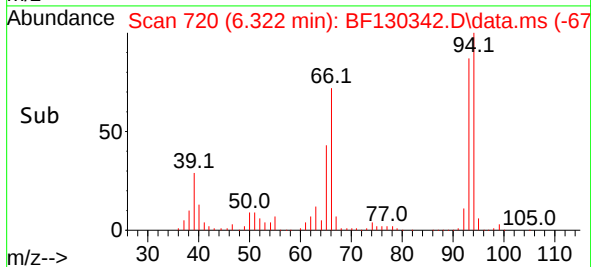
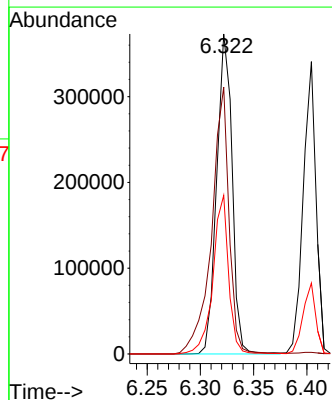
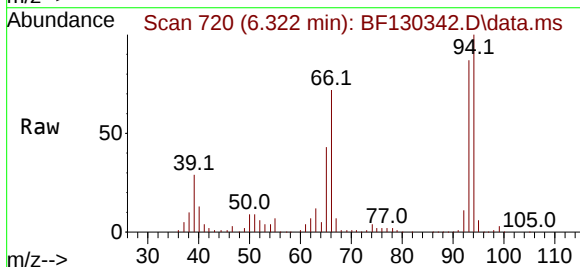
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Tgt Ion:112 Resp: 823358
Ion Ratio Lower Upper
112 100
64 59.6 51.4 77.0
63 32.6 28.8 43.2



#6
Aniline
Concen: 39.255 ng
RT: 6.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF130342.D
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Tgt Ion: 93 Resp: 373101
Ion Ratio Lower Upper
93 100
66 83.4 34.2 51.4#
65 49.5 16.6 24.8#

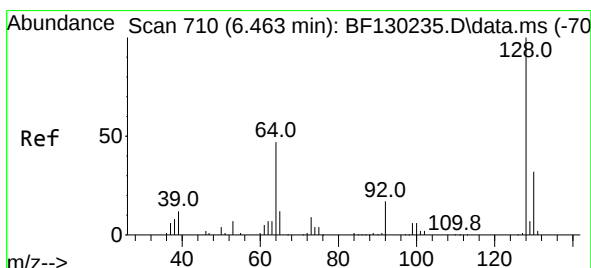
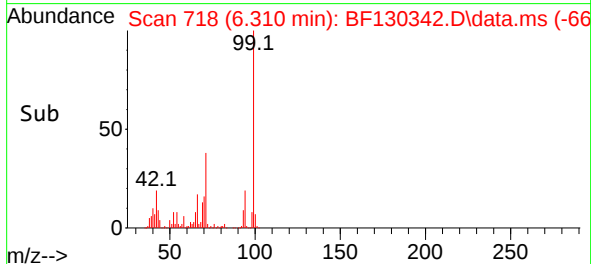
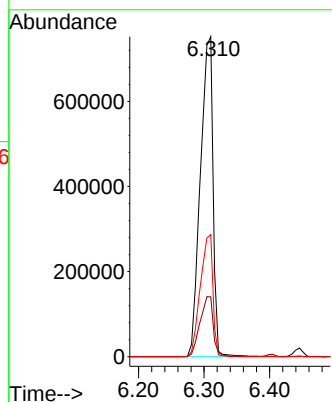
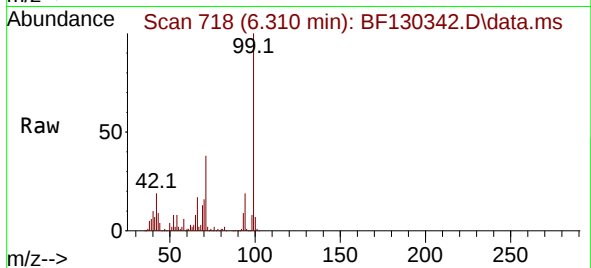




#7
Phenol-d6
Concen: 130.823 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

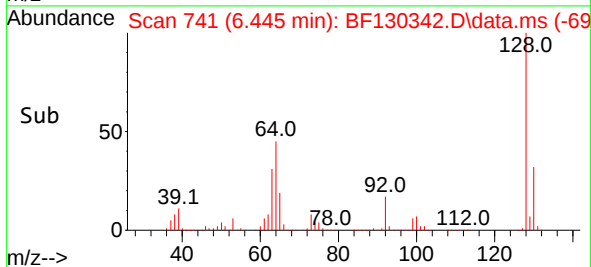
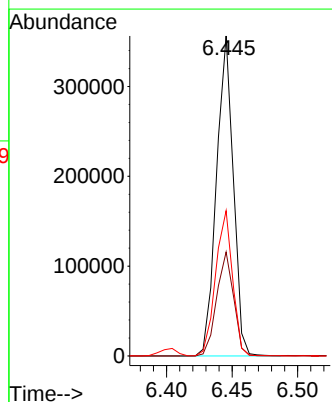
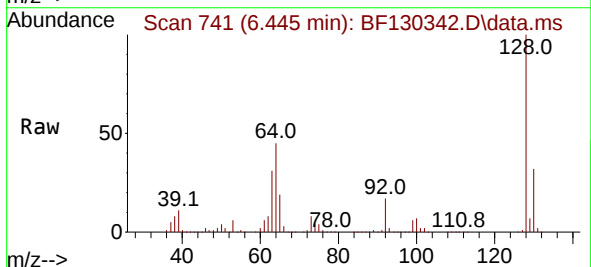
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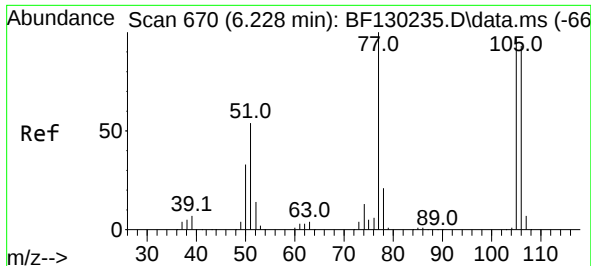
Tgt Ion: 99 Resp: 1009160
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 38.2 32.3 48.5



#8
2-Chlorophenol
Concen: 45.200 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 317429
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 45.4 31.6 71.6

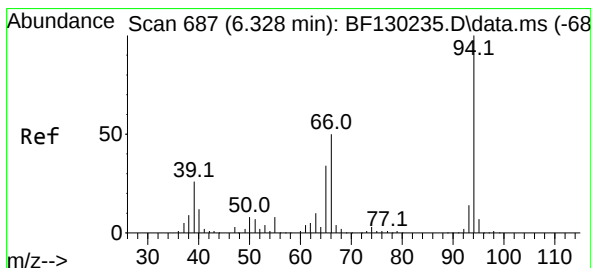
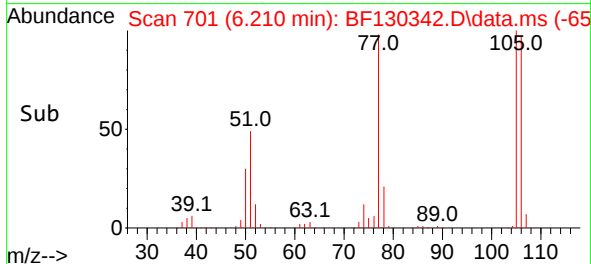
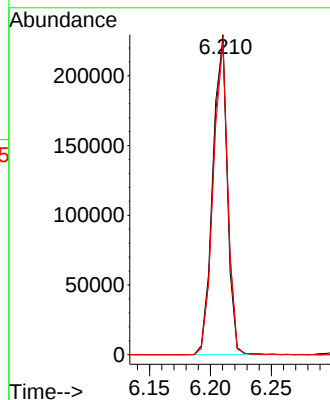
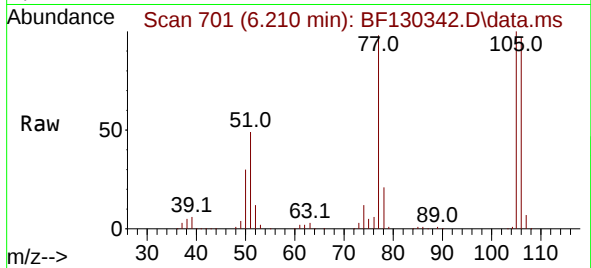




#9
Benzaldehyde
Concen: 36.705 ng
RT: 6.210 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

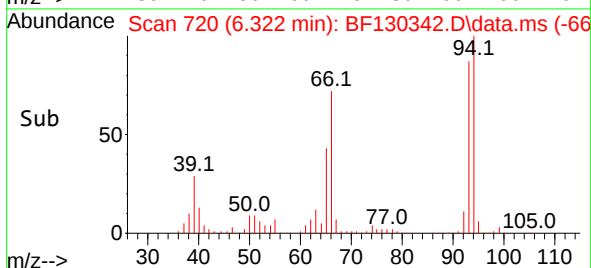
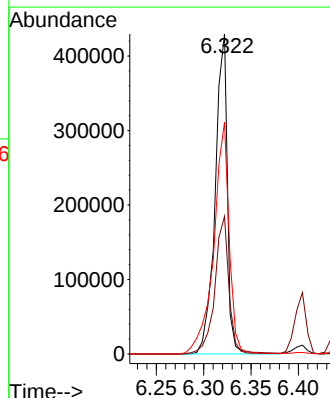
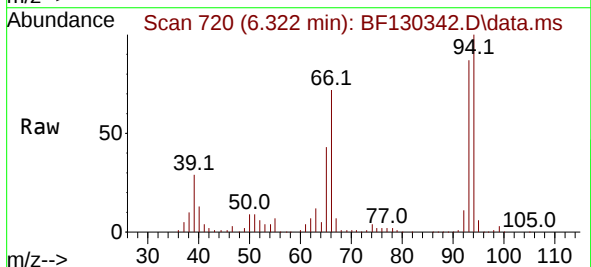
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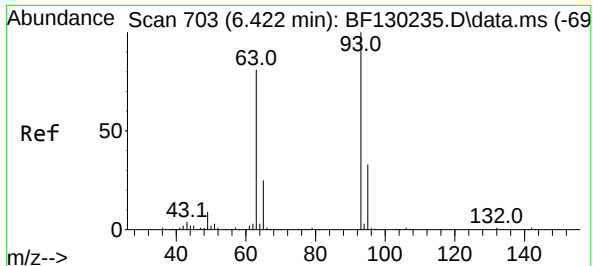
Tgt Ion: 77 Resp: 189661
Ion Ratio Lower Upper
77 100
105 101.8 75.1 115.1
106 99.2 69.7 109.7



#10
Phenol
Concen: 42.621 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 385288
Ion Ratio Lower Upper
94 100
65 43.0 14.1 54.1
66 72.4 28.1 68.1#

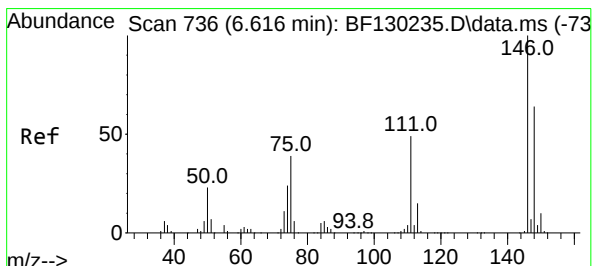
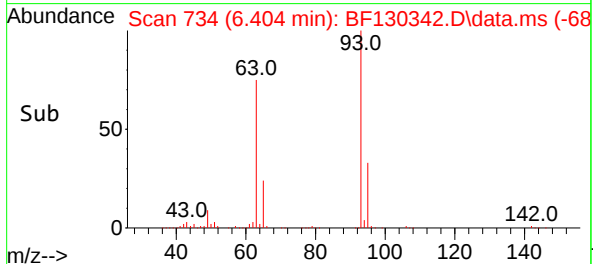
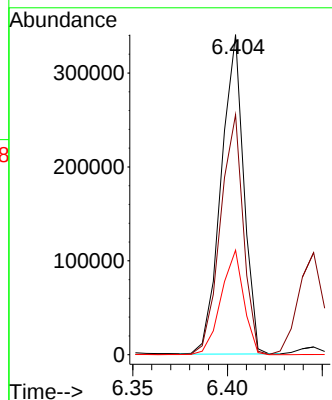
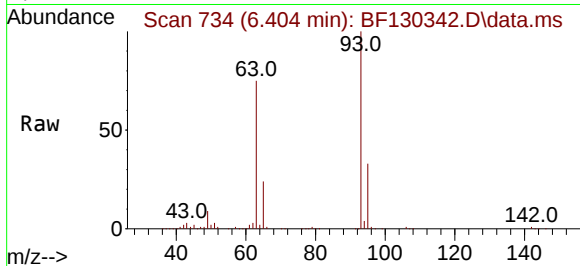




#11
bis(2-Chloroethyl)ether
Concen: 43.355 ng
RT: 6.404 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

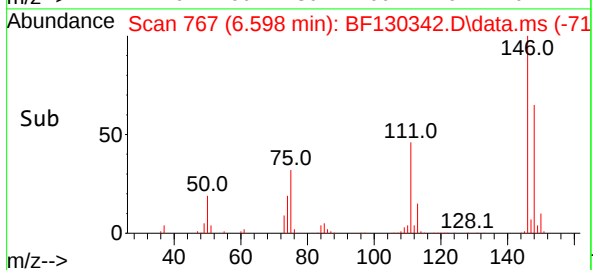
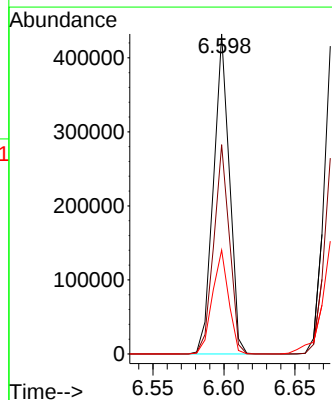
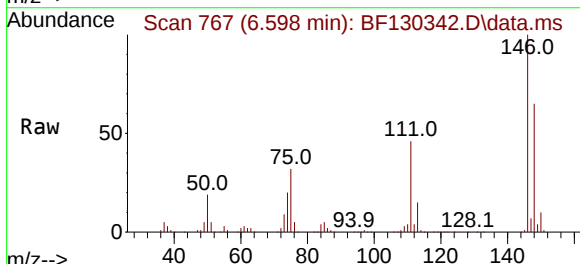
Instrument :
BNA_F
ClientSampleId :
PB147759BS

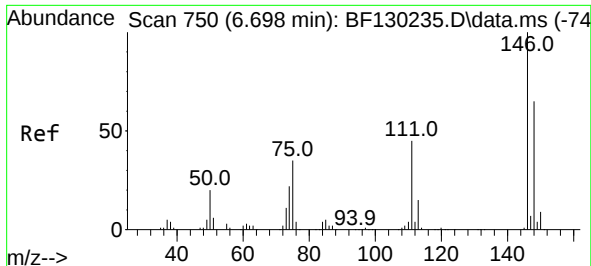
Tgt Ion: 93 Resp: 282693
Ion Ratio Lower Upper
93 100
63 75.0 62.5 102.5
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.587 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:146 Resp: 336814
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 32.4 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.037 ng

RT: 6.675 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

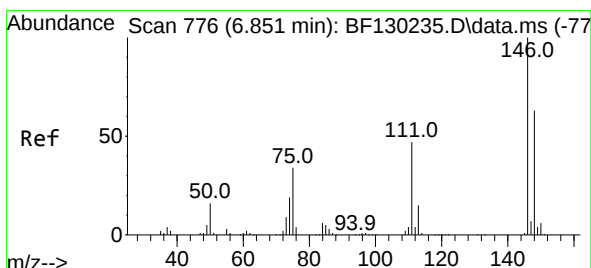
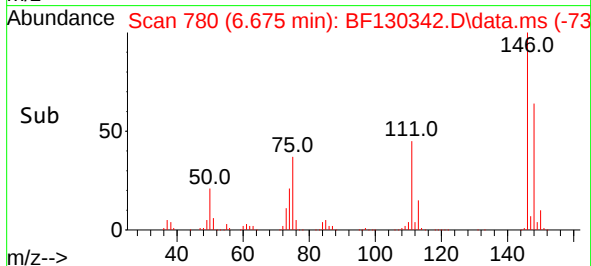
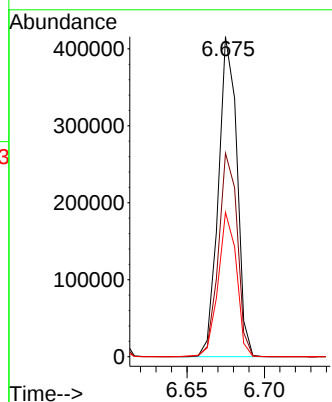
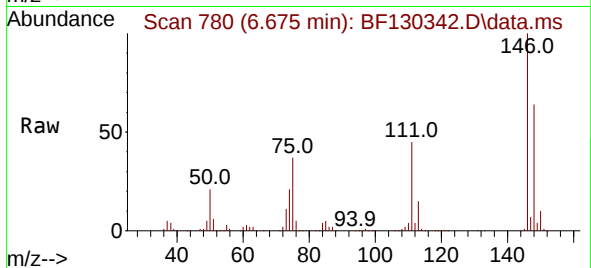
Tgt Ion:146 Resp: 347016

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 45.1 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 44.331 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

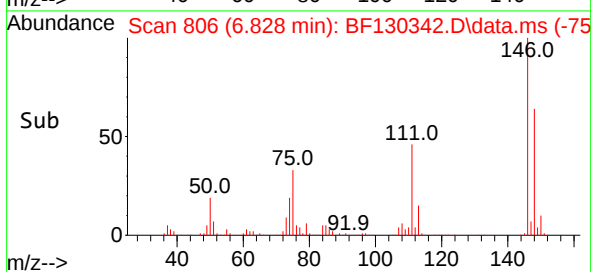
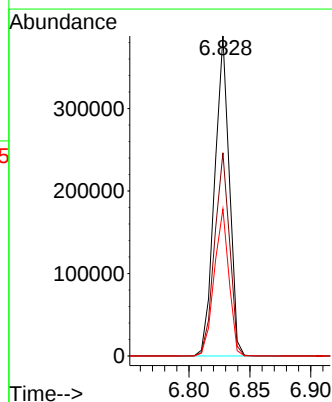
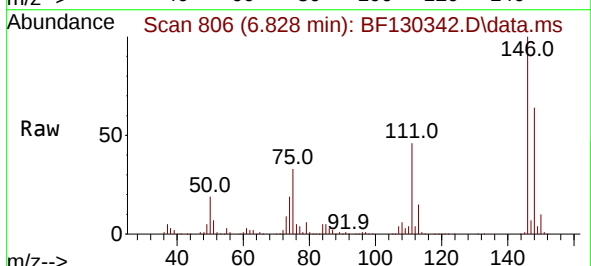
Tgt Ion:146 Resp: 326335

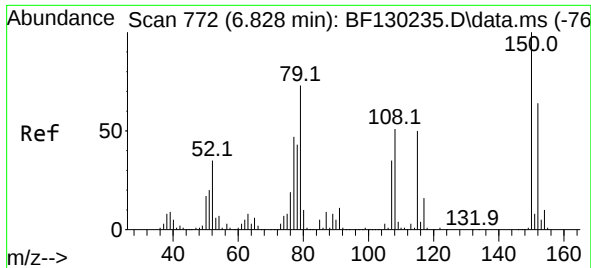
Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

111 46.0 39.2 58.8

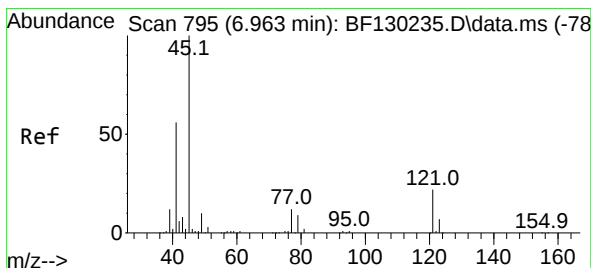
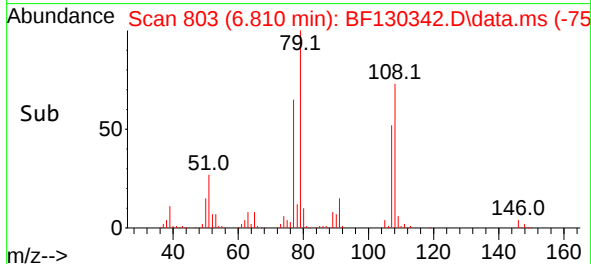
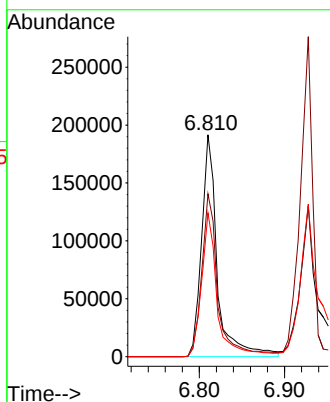
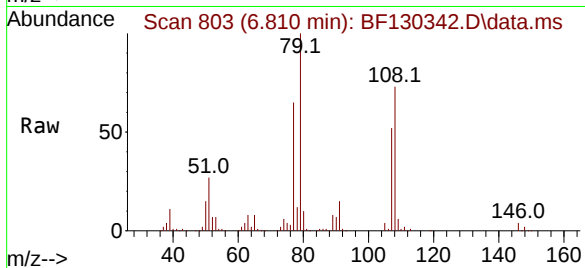




#15
Benzyl Alcohol
Concen: 40.353 ng
RT: 6.810 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

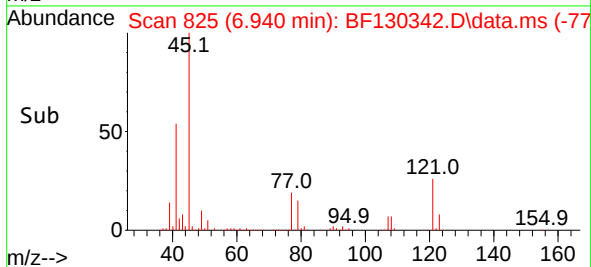
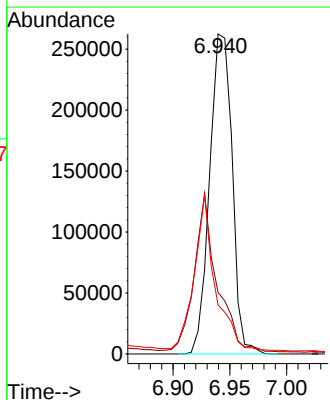
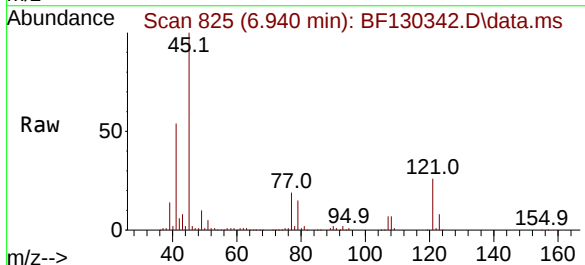
Instrument :
BNA_F
ClientSampleId :
PB147759BS

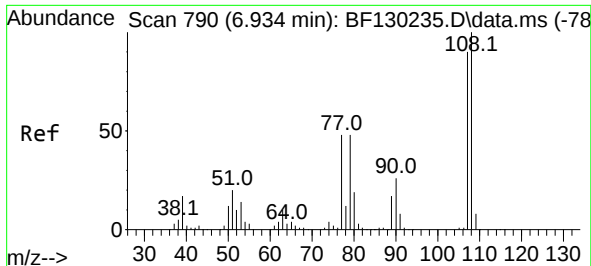
Tgt Ion: 79 Resp: 246801
Ion Ratio Lower Upper
79 100
108 73.4 54.0 81.0
77 64.9 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.073 ng
RT: 6.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion: 45 Resp: 362078
Ion Ratio Lower Upper
45 100
77 19.3 0.0 34.9
79 15.4 0.0 31.0

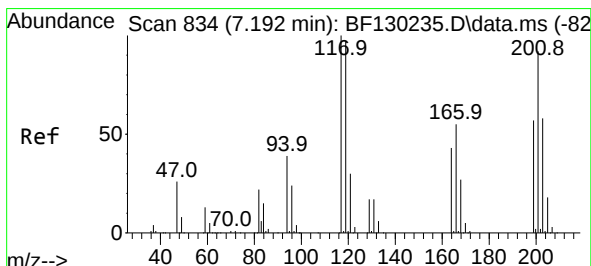
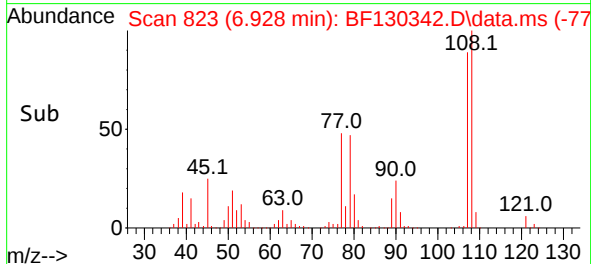
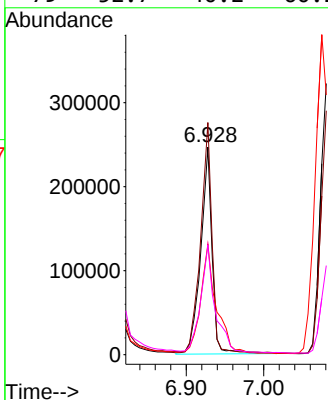
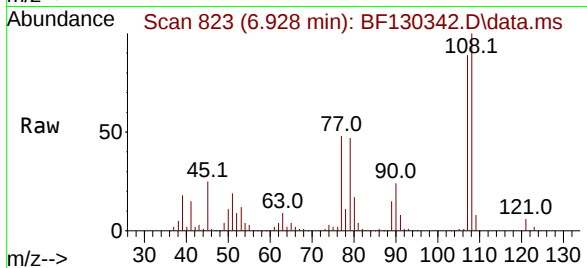




#17
2-Methylphenol
Concen: 44.296 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

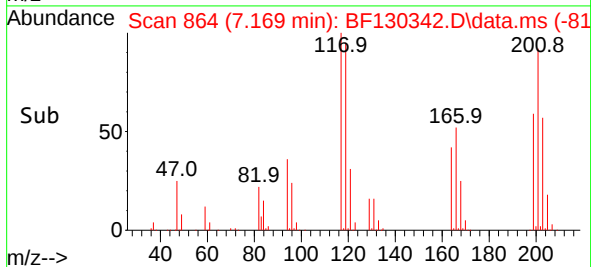
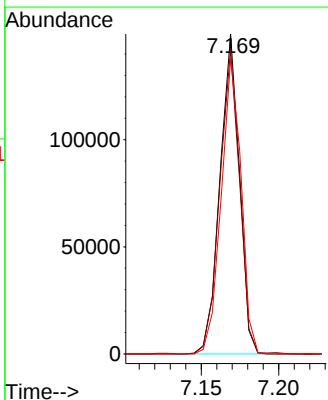
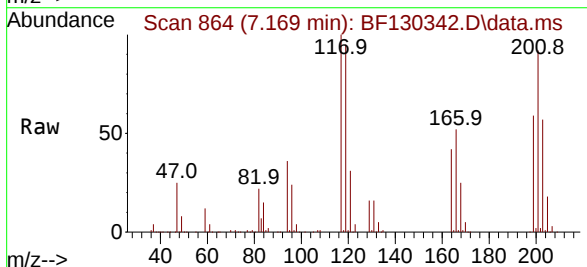
Instrument :
BNA_F
ClientSampleId :
PB147759BS

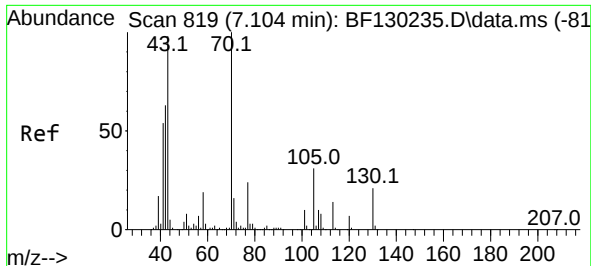
Tgt Ion:	107	Resp:	252882
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.4	134.0
77	53.3	40.6	60.8
79	52.7	40.2	60.2



#18
Hexachloroethane
Concen: 41.889 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:	117	Resp:	130115
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.8	116.6
201	92.4	68.7	103.1



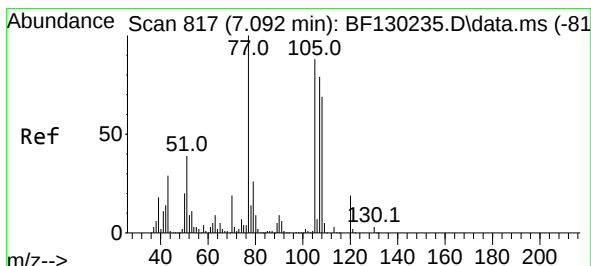
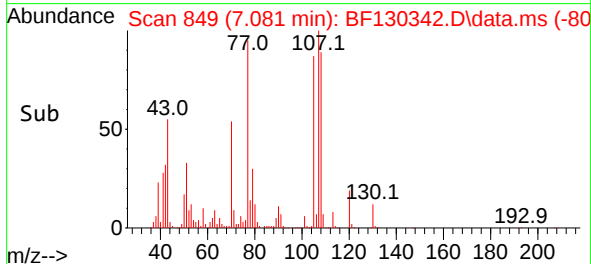
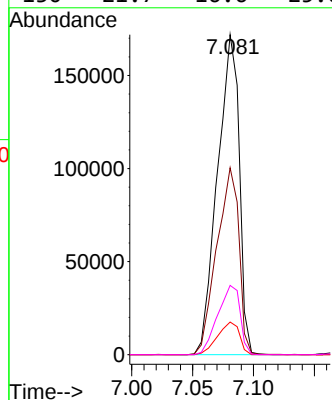
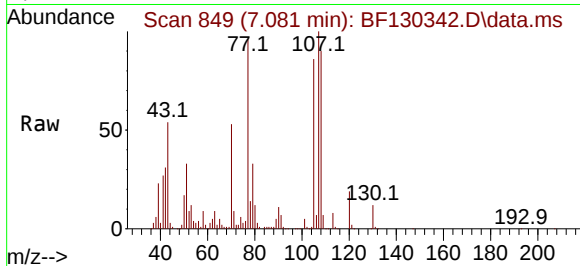


#19
n-Nitroso-di-n-propylamine
Concen: 40.961 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Instrument :
BNA_F
ClientSampleId :
PB147759BS

Tgt Ion: 70 Resp: 213208

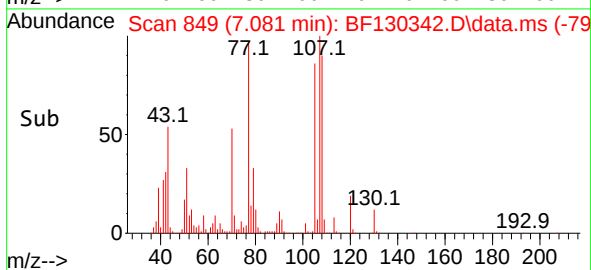
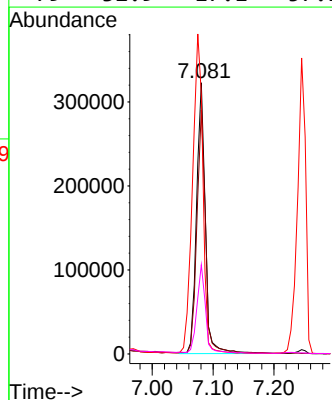
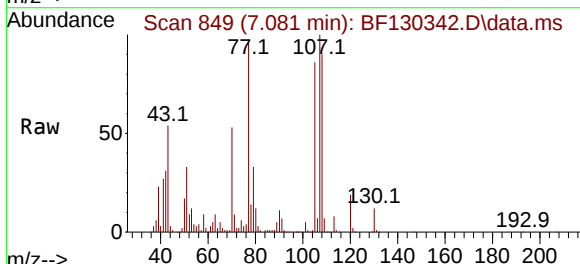
Ion	Ratio	Lower	Upper
70	100		
42	58.4	50.8	76.2
101	10.2	8.2	12.4
130	21.7	16.6	25.0

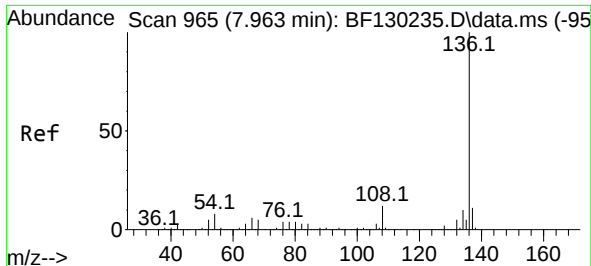


#20
3+4-Methylphenols
Concen: 43.328 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion: 107 Resp: 321330

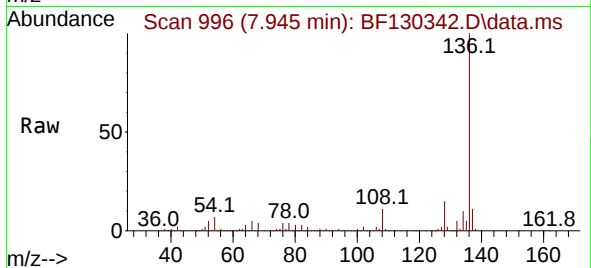
Ion	Ratio	Lower	Upper
107	100		
108	90.0	74.8	114.8
77	95.7	125.8	165.8#
79	32.9	17.1	57.1



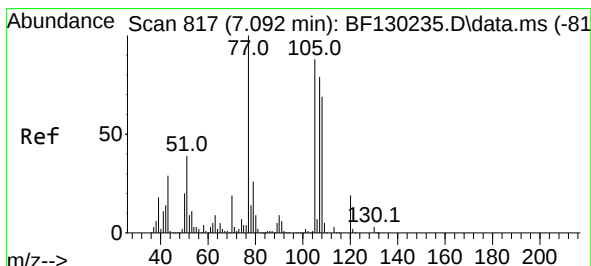
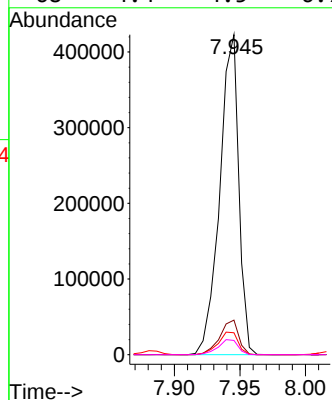
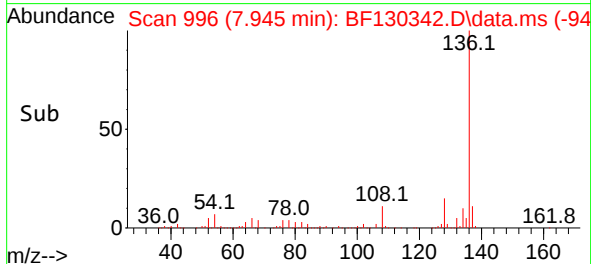


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

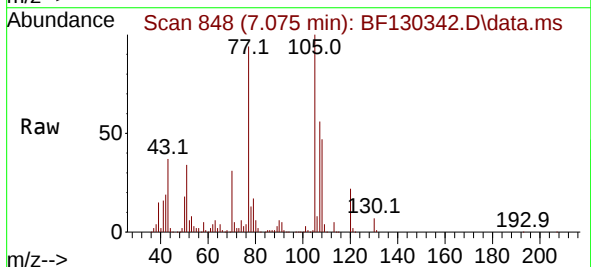
Instrument :
BNA_F
ClientSampleId :
PB147759BS



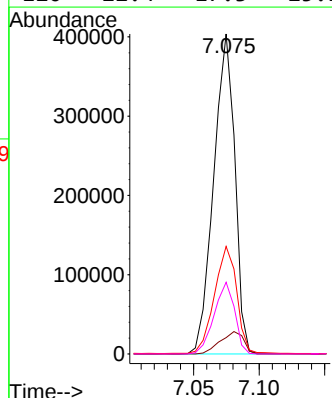
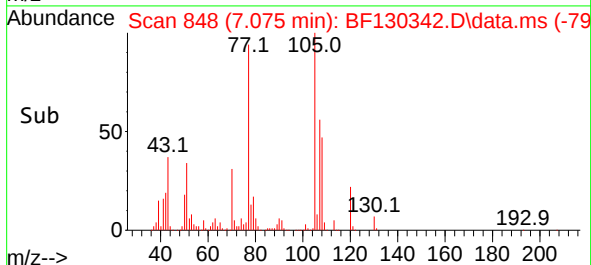
Tgt Ion:136 Resp: 425468
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.8 7.1 10.7#
68 4.4 4.5 6.7#

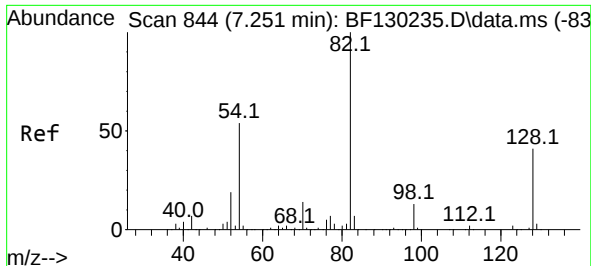


#22
Acetophenone
Concen: 43.504 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51



Tgt Ion:105 Resp: 452535
Ion Ratio Lower Upper
105 100
71 5.1 3.9 5.9
51 33.6 32.2 48.2
120 22.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 77.551 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

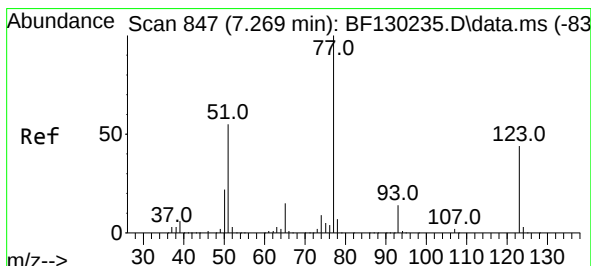
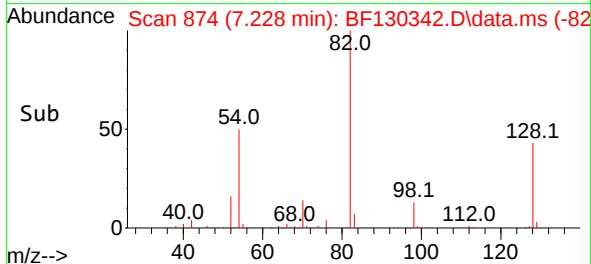
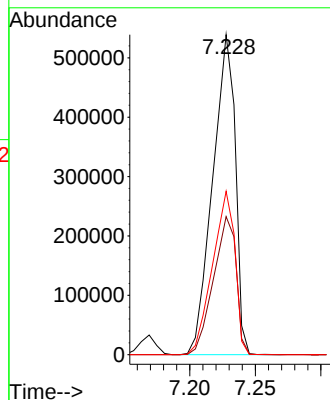
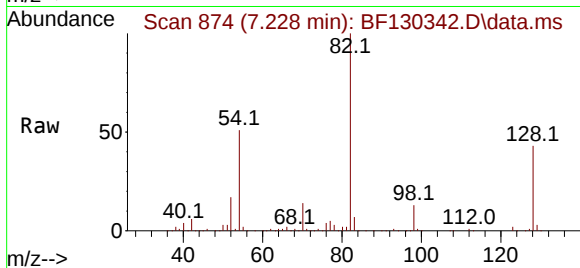
Tgt Ion: 82 Resp: 645848

Ion Ratio Lower Upper

82 100

128 43.1 32.6 49.0

54 51.1 43.8 65.6



#24

Nitrobenzene

Concen: 39.360 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

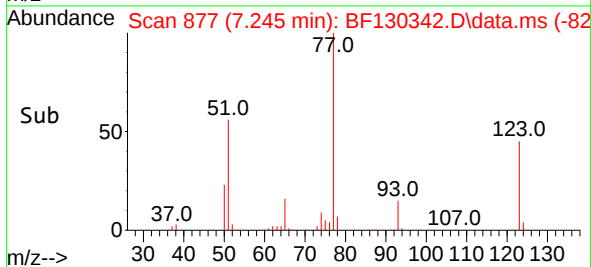
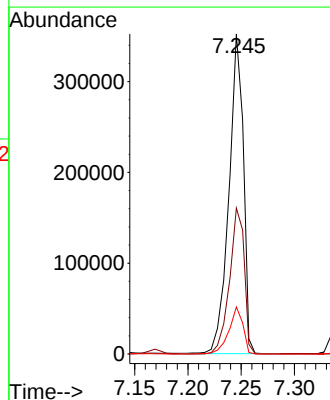
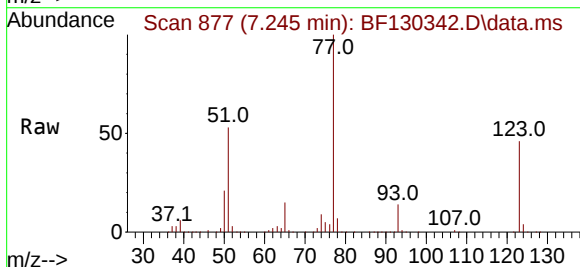
Tgt Ion: 77 Resp: 332835

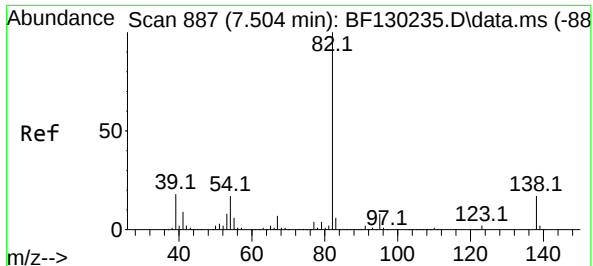
Ion Ratio Lower Upper

77 100

123 45.6 34.3 51.5

65 14.7 12.0 18.0

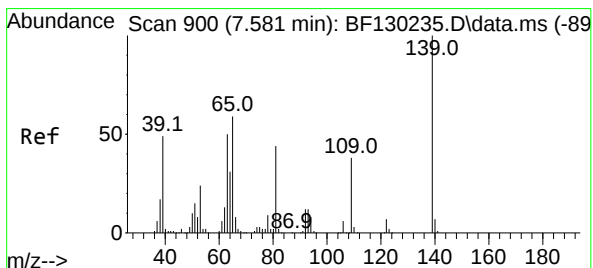
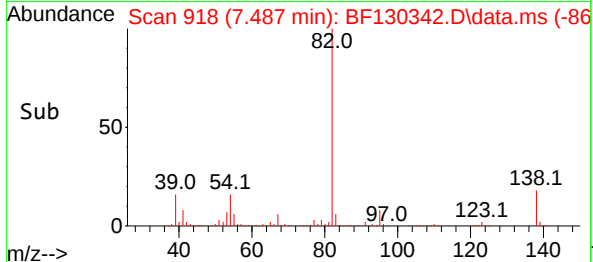
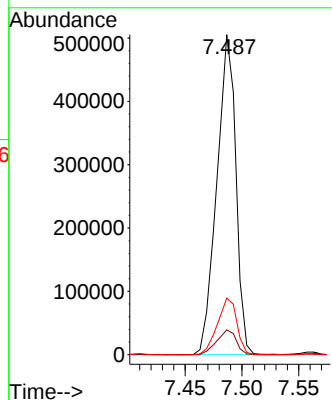
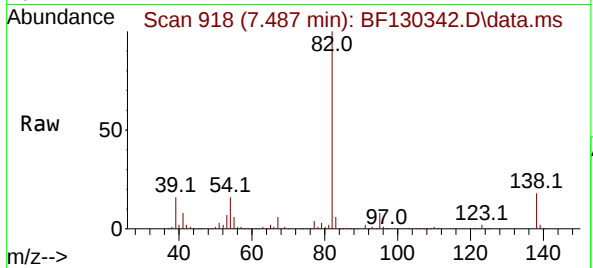




#25
Isophorone
Concen: 43.927 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

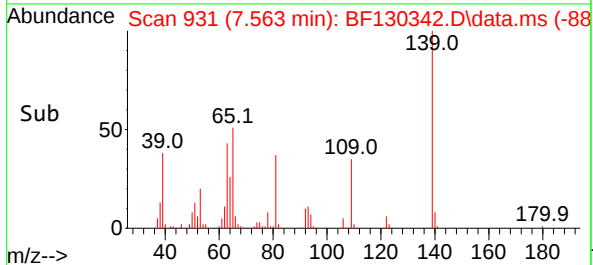
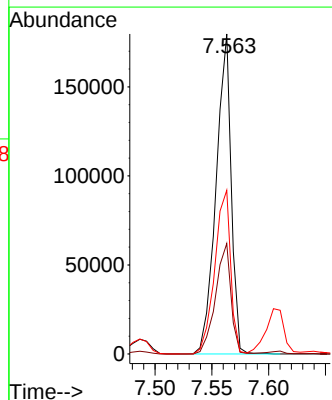
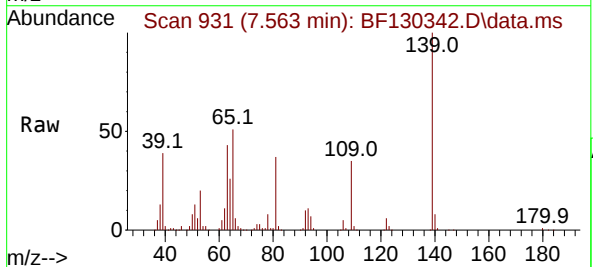
Instrument :
BNA_F
ClientSampleId :
PB147759BS

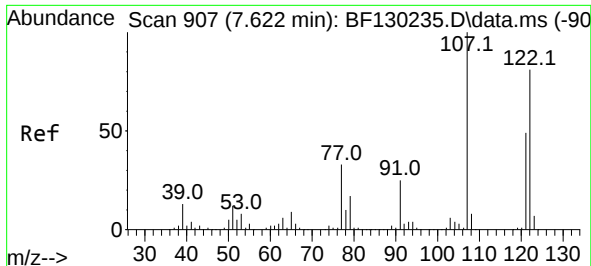
Tgt Ion: 82 Resp: 589621
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 48.076 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion: 139 Resp: 166654
Ion Ratio Lower Upper
139 100
109 34.5 30.2 45.4
65 51.2 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.174 ng

RT: 7.610 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

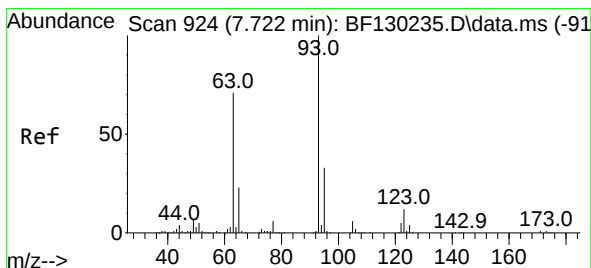
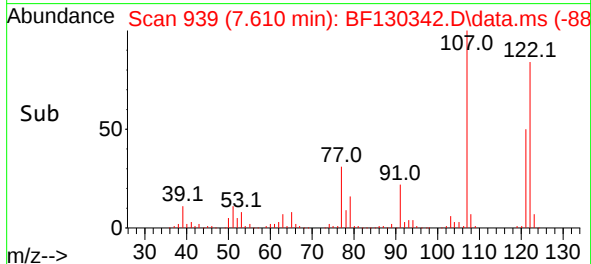
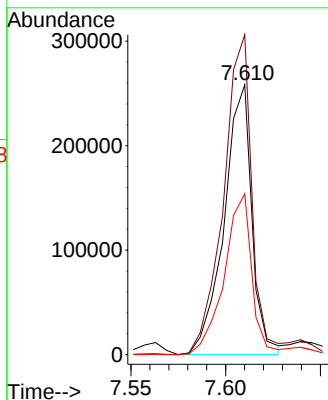
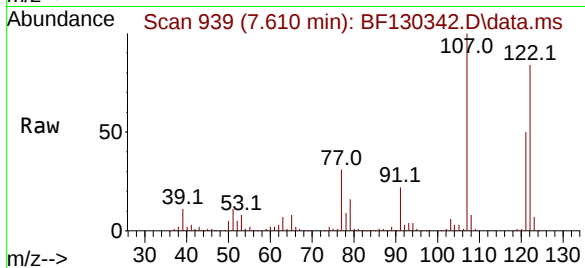
Tgt Ion:122 Resp: 262467

Ion Ratio Lower Upper

122 100

107 118.6 100.2 150.2

121 59.6 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.344 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

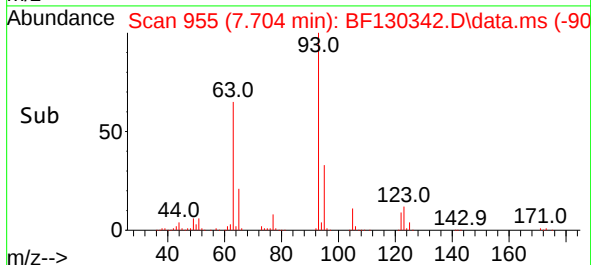
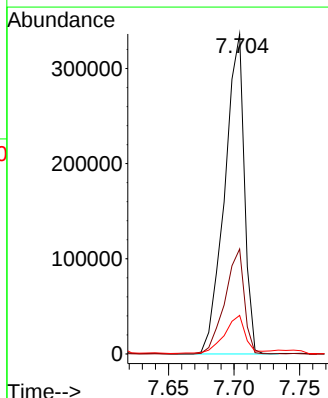
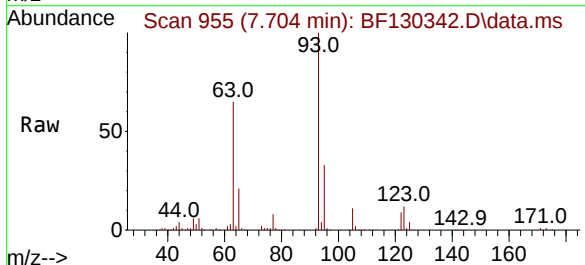
Tgt Ion: 93 Resp: 350276

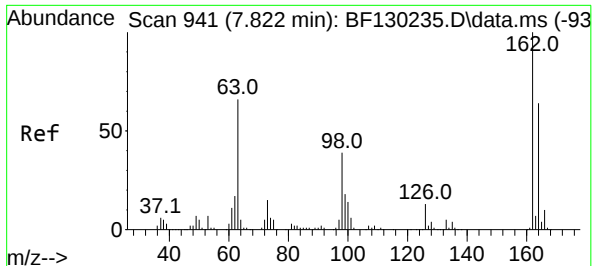
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 12.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 45.013 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

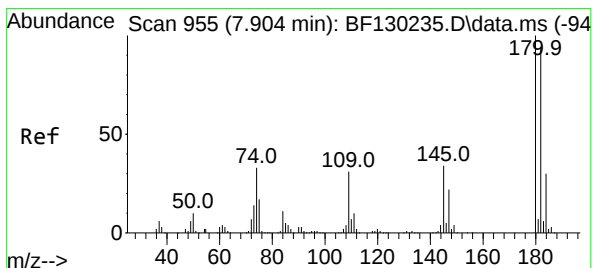
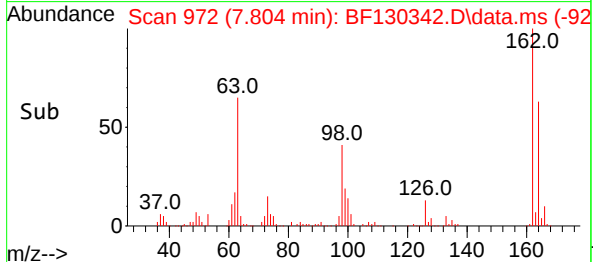
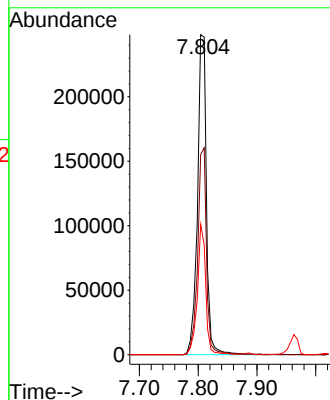
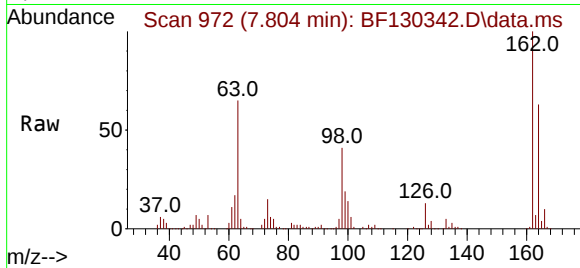
Tgt Ion:162 Resp: 263281

Ion Ratio Lower Upper

162 100

164 62.6 42.2 82.2

98 40.6 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 43.397 ng

RT: 7.887 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

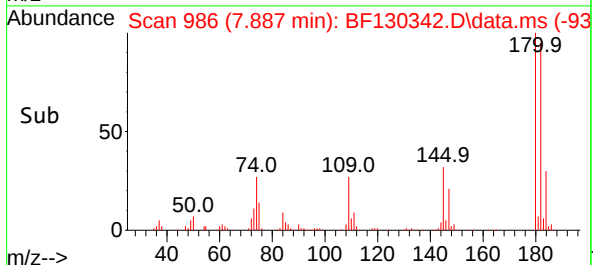
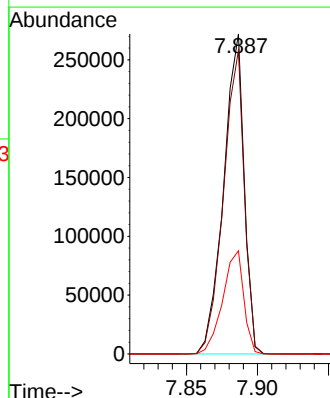
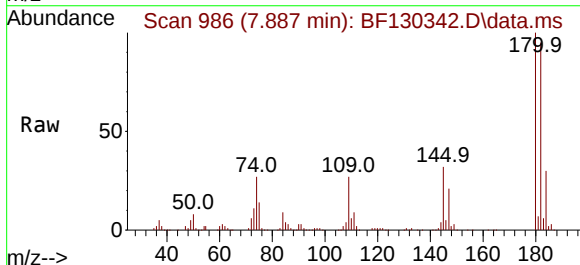
Tgt Ion:180 Resp: 274432

Ion Ratio Lower Upper

180 100

182 94.9 73.3 109.9

145 32.2 28.3 42.5

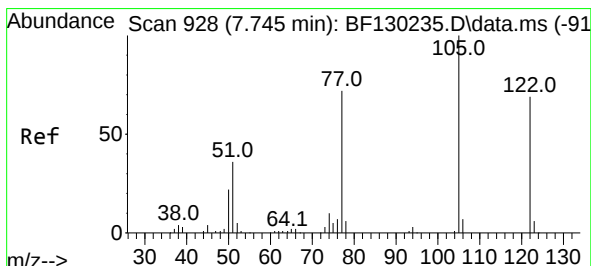
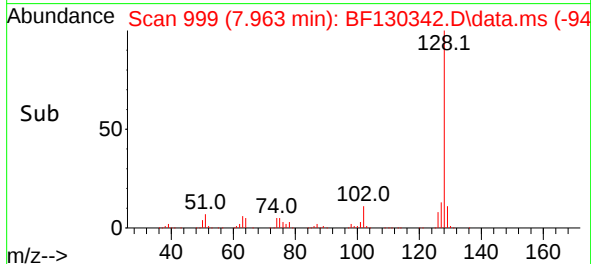
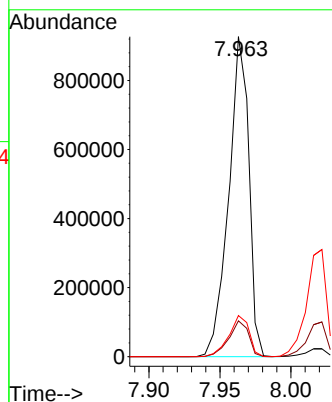
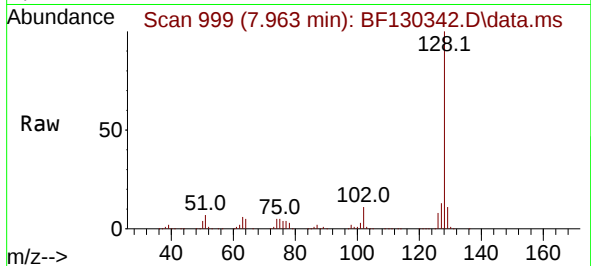




#31
Naphthalene
Concen: 41.707 ng
RT: 7.963 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

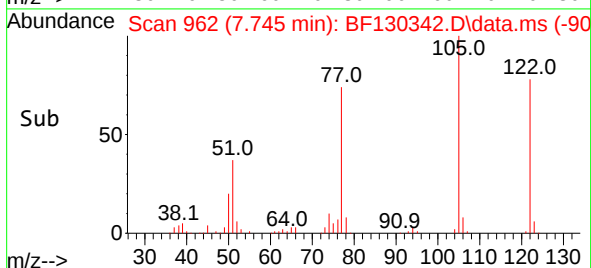
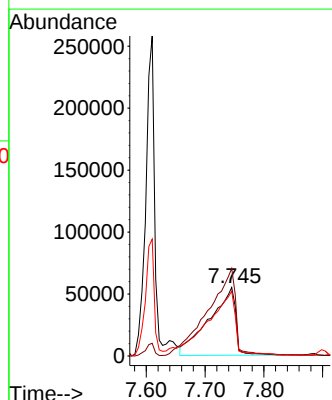
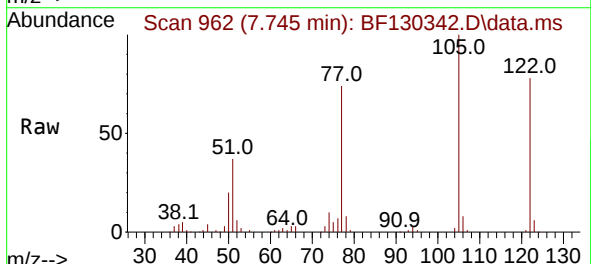
Instrument :
BNA_F
ClientSampleId :
PB147759BS

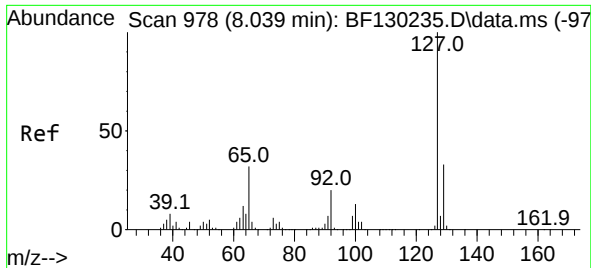
Tgt Ion:128 Resp: 914190
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 41.454 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:122 Resp: 171105
Ion Ratio Lower Upper
122 100
105 127.8 112.9 152.9
77 94.7 82.8 122.8

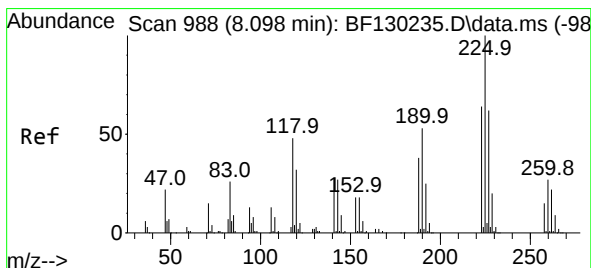
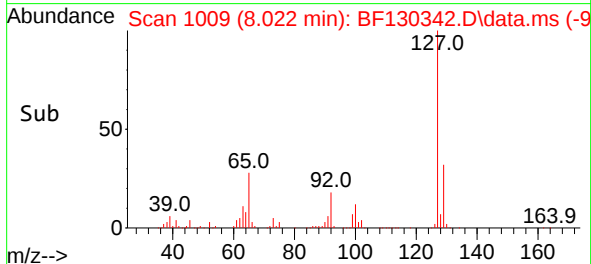
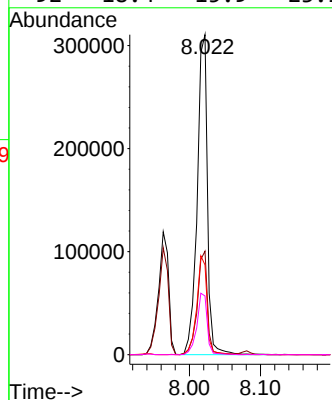
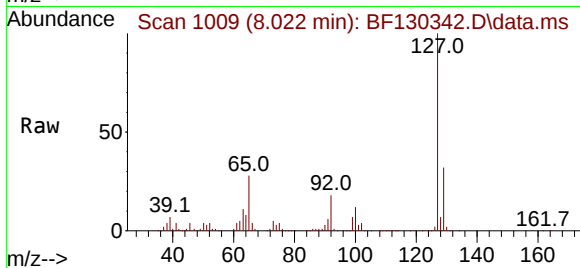




#33
4-Chloroaniline
Concen: 37.543 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

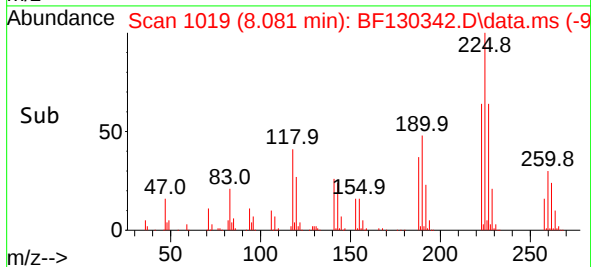
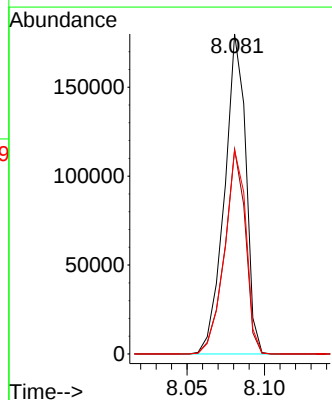
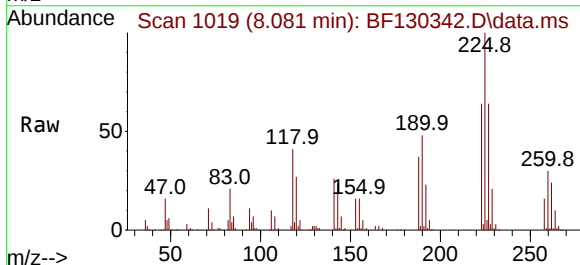
Instrument :
BNA_F
ClientSampleId :
PB147759BS

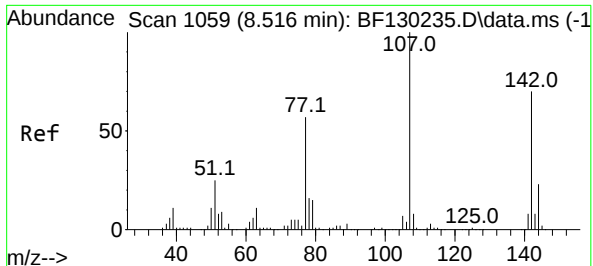
Tgt Ion:	127	Resp:	312981
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	28.1	27.0	40.6
92	18.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 42.569 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:	225	Resp:	172040
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.3	75.5
227	63.7	51.1	76.7

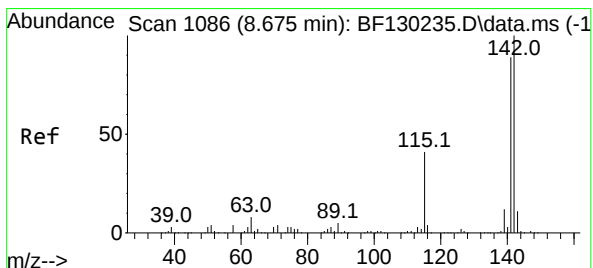
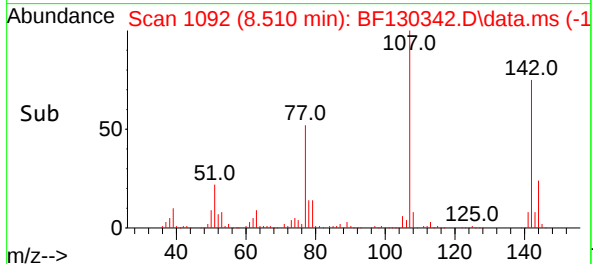
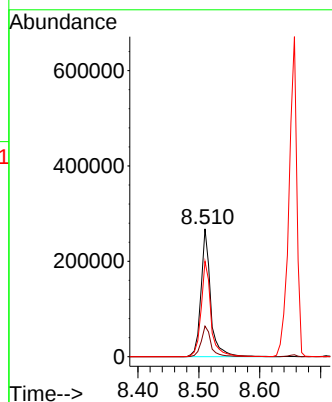
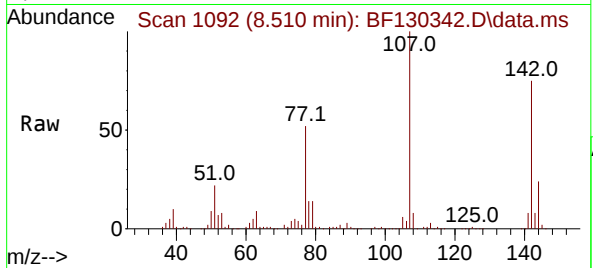




#36
4-Chloro-3-methylphenol
Concen: 45.299 ng
RT: 8.510 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

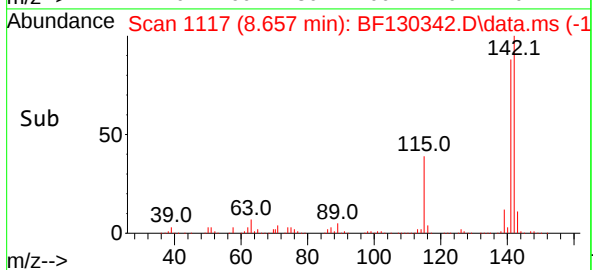
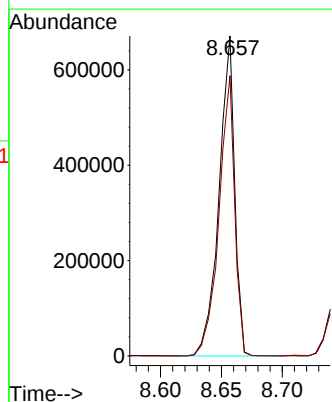
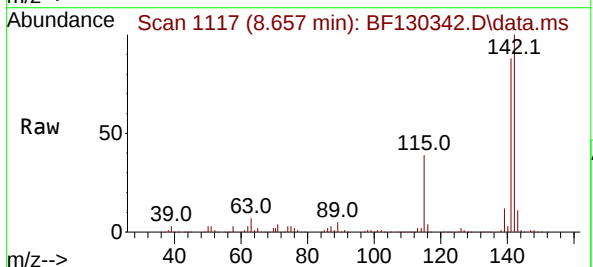
Instrument :
BNA_F
ClientSampleId :
PB147759BS

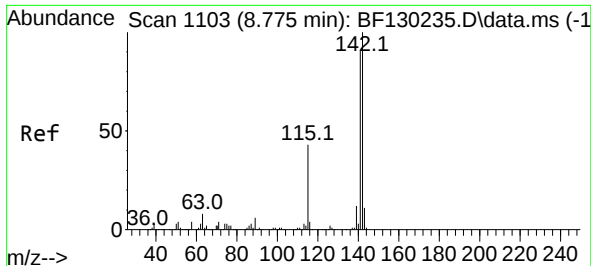
Tgt Ion:107 Resp: 293684
Ion Ratio Lower Upper
107 100
144 23.9 20.0 30.0
142 74.6 61.3 91.9



#37
2-Methylnaphthalene
Concen: 43.022 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:142 Resp: 601259
Ion Ratio Lower Upper
142 100
141 87.6 70.0 105.0





#38

1-Methylnaphthalene

Concen: 42.451 ng

RT: 8.757 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

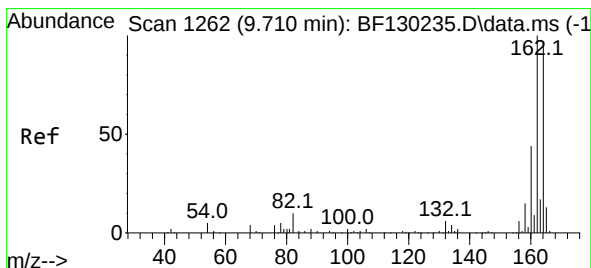
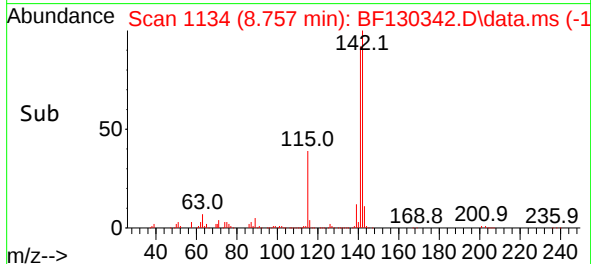
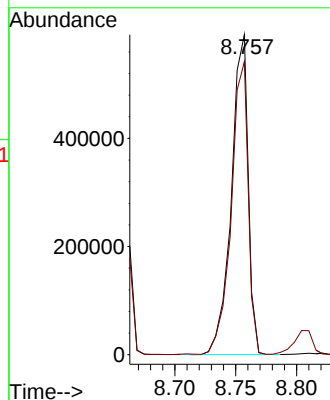
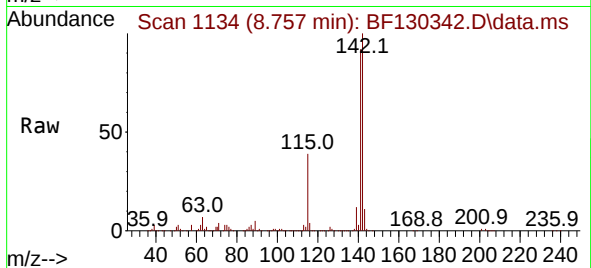
PB147759BS

Tgt Ion:142 Resp: 569934

Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

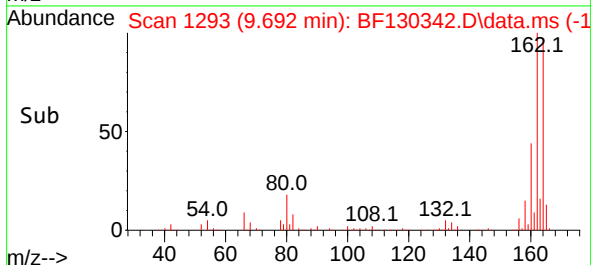
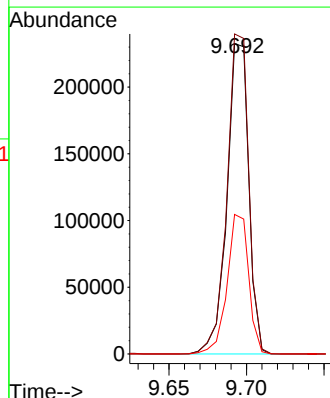
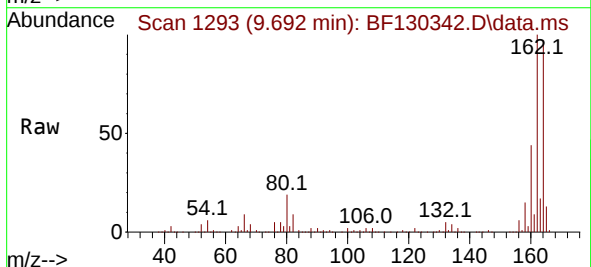
Tgt Ion:164 Resp: 227410

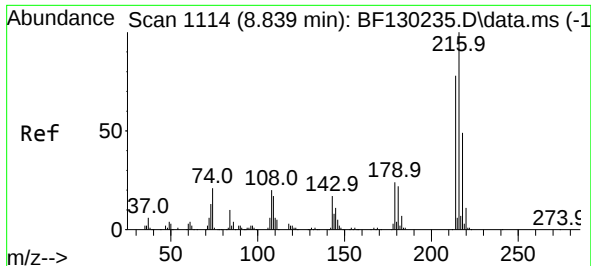
Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

160 44.9 36.2 54.4

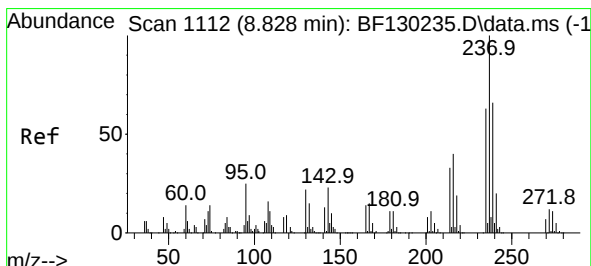
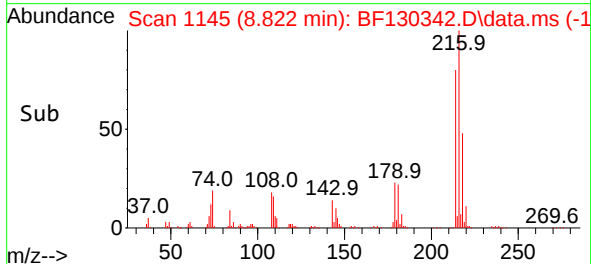
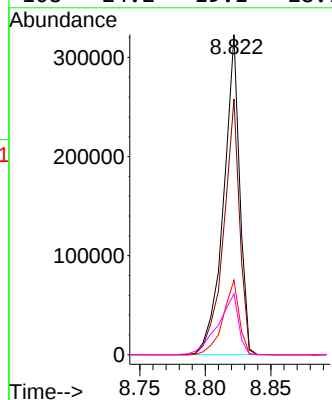
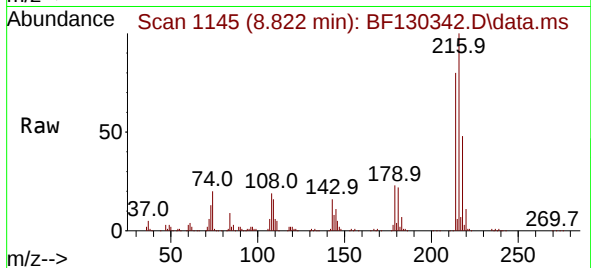




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.342 ng
 RT: 8.822 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

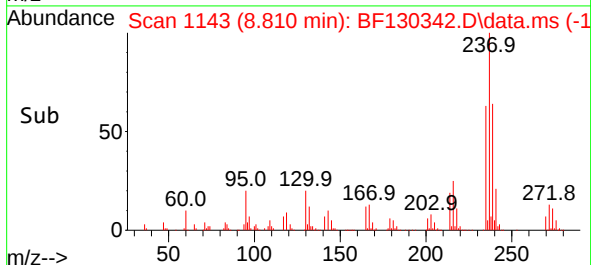
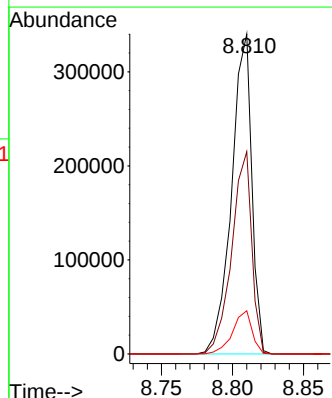
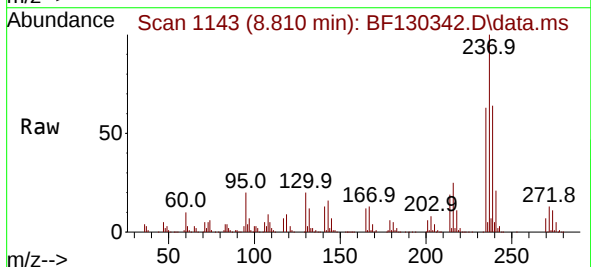
Instrument :
 BNA_F
 ClientSampleId :
 PB147759BS

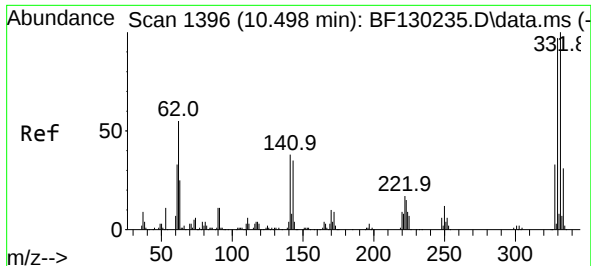
Tgt Ion:	216	Resp:	275194
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.8	94.2
179	23.3	19.5	29.3
108	24.2	19.1	28.7



#41
 Hexachlorocyclopentadiene
 Concen: 101.275 ng
 RT: 8.810 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

Tgt Ion:	237	Resp:	336506
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.5	82.5
272	13.5	0.0	32.8





#42

2,4,6-Tribromophenol

Concen: 157.232 ng

RT: 10.486 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

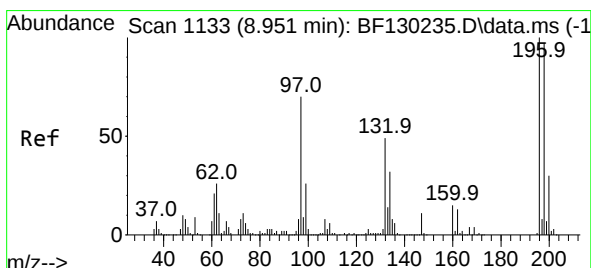
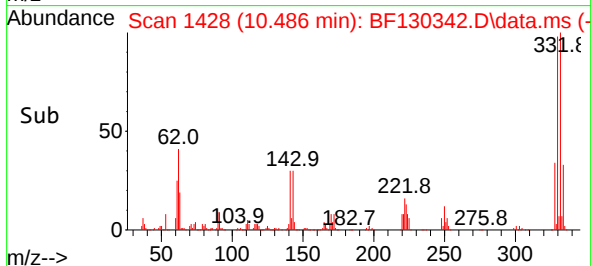
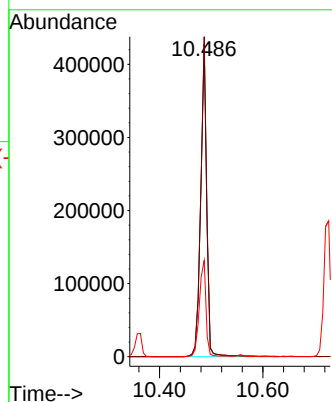
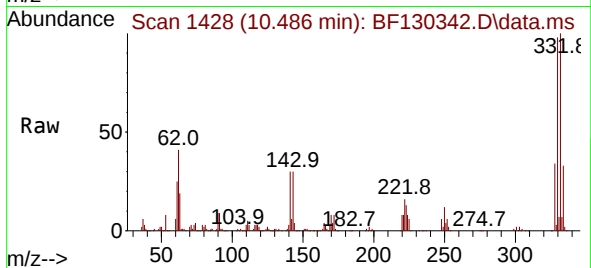
Tgt Ion:330 Resp: 342613

Ion Ratio Lower Upper

330 100

332 102.7 83.4 125.2

141 34.4 34.0 51.0



#43

2,4,6-Trichlorophenol

Concen: 44.586 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

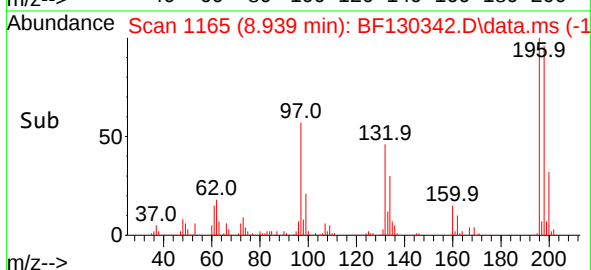
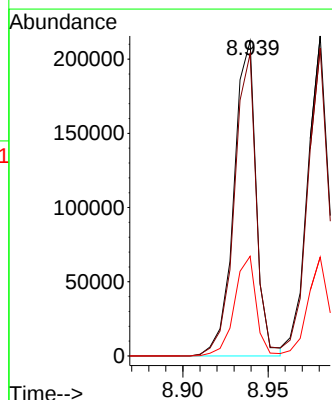
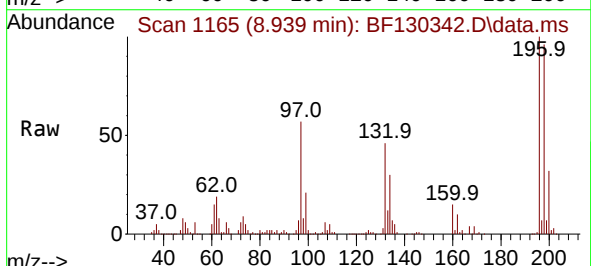
Tgt Ion:196 Resp: 193117

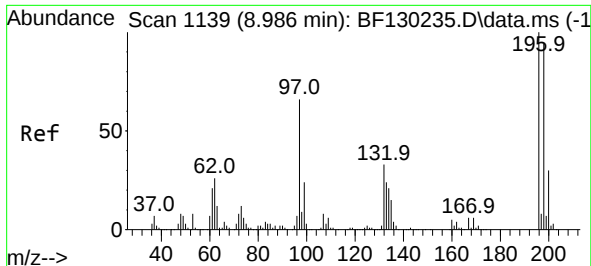
Ion Ratio Lower Upper

196 100

198 96.0 72.4 108.6

200 31.6 23.8 35.6

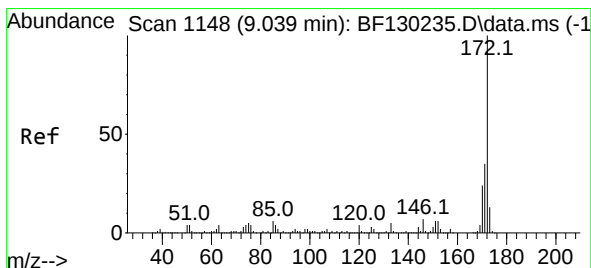
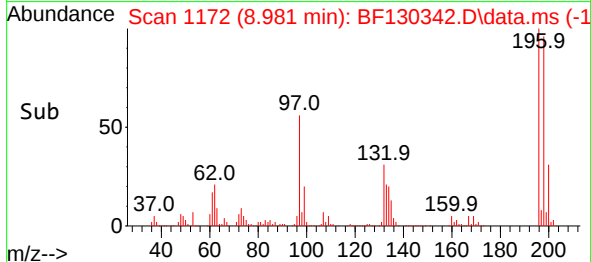
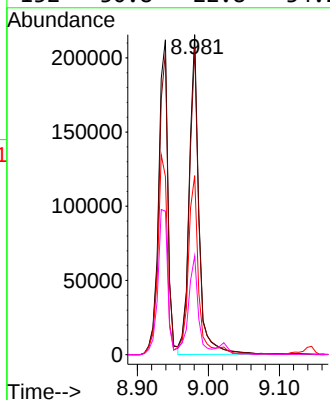
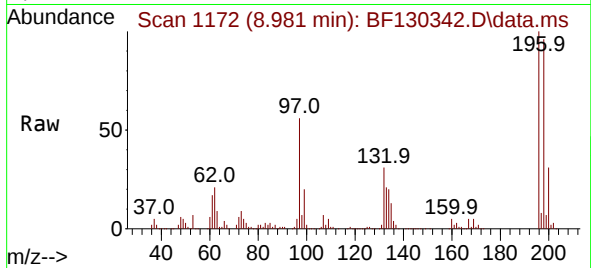




#44
2,4,5-Trichlorophenol
Concen: 43.756 ng
RT: 8.981 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

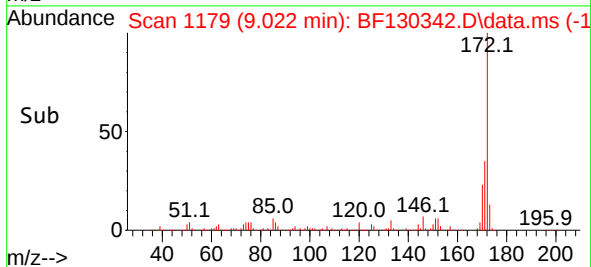
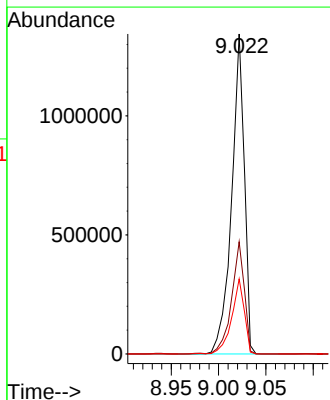
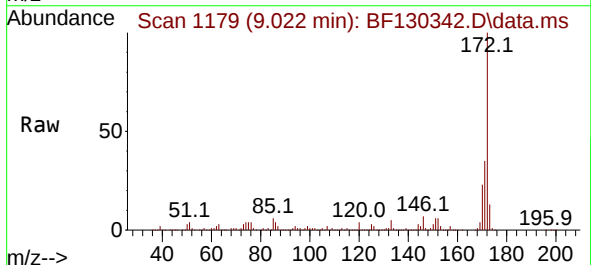
Instrument :
BNA_F
ClientSampleId :
PB147759BS

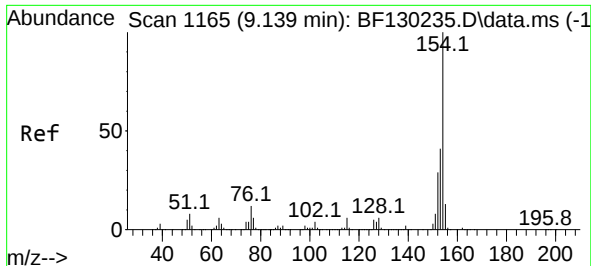
Tgt Ion:196 Resp: 204514
Ion Ratio Lower Upper
196 100
198 96.2 74.8 112.2
97 56.0 43.7 65.5
132 30.8 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 80.065 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:172 Resp: 1250358
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 18.7 28.1

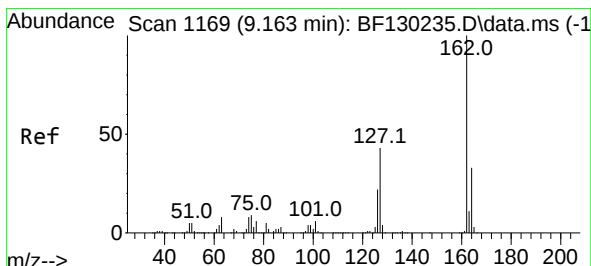
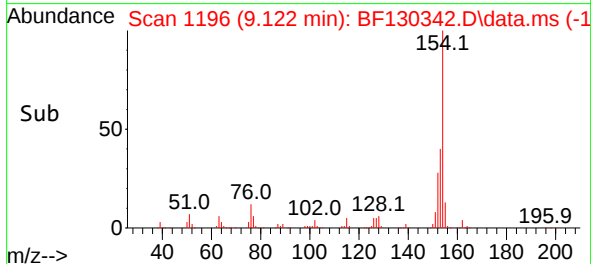
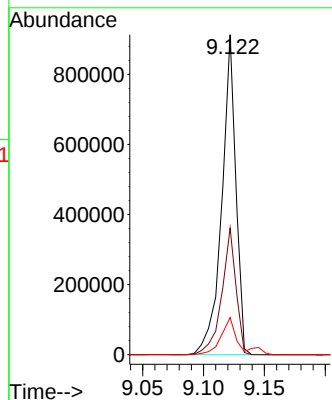
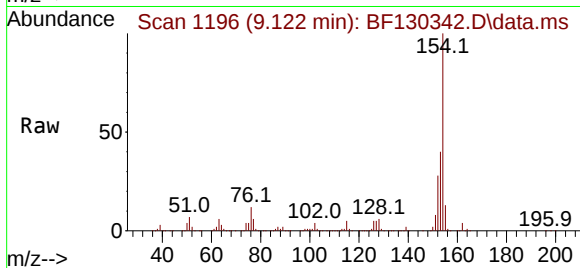




#46
 1,1'-Biphenyl
 Concen: 43.351 ng
 RT: 9.122 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

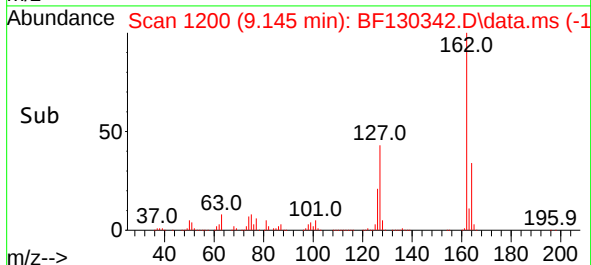
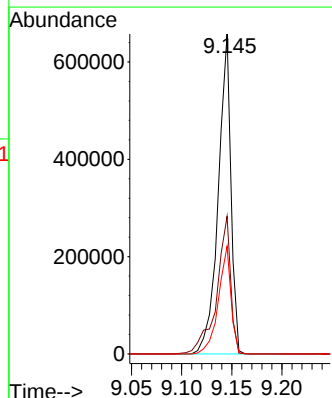
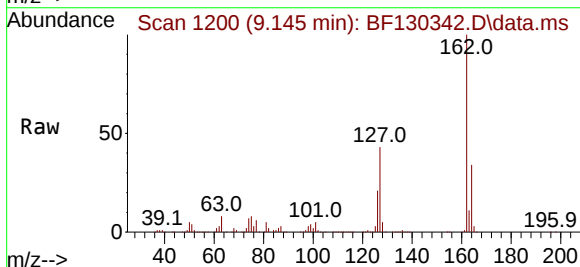
Instrument :
 BNA_F
 ClientSampleId :
 PB147759BS

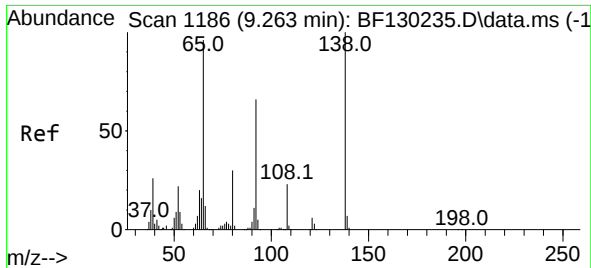
Tgt Ion:154 Resp: 736273
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.0 60.0
 76 11.6 0.0 33.3



#47
 2-Chloronaphthalene
 Concen: 42.047 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

Tgt Ion:162 Resp: 577678
 Ion Ratio Lower Upper
 162 100
 127 43.0 35.9 53.9
 164 33.7 26.2 39.2

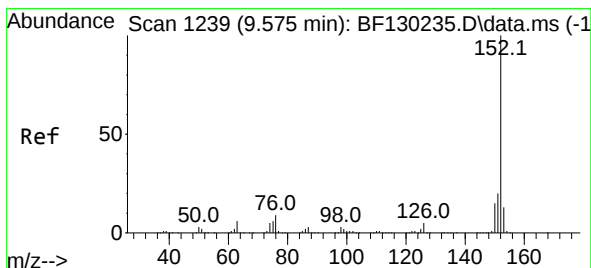
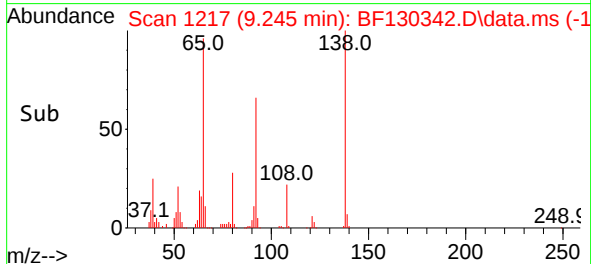
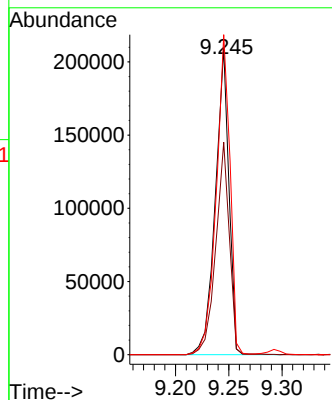
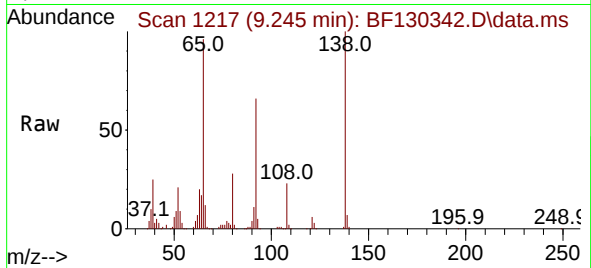




#48
2-Nitroaniline
Concen: 40.429 ng
RT: 9.245 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

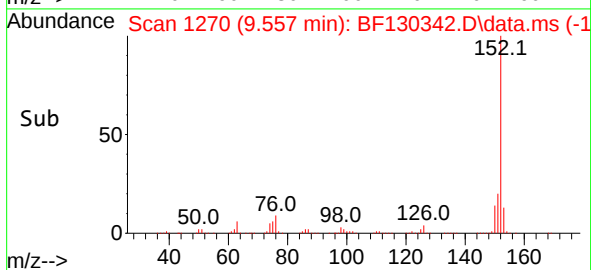
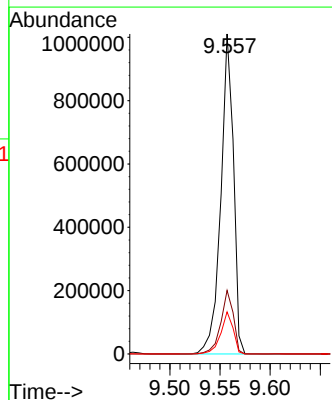
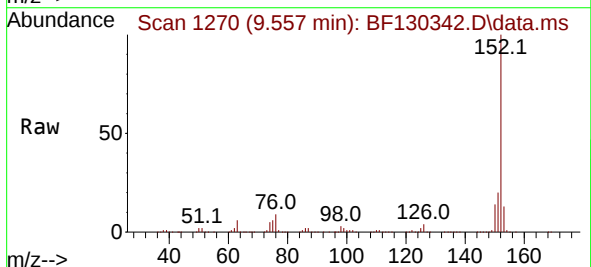
Instrument :
BNA_F
ClientSampleId :
PB147759BS

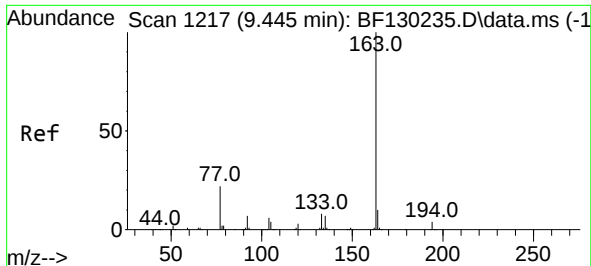
Tgt Ion: 65 Resp: 185261
Ion Ratio Lower Upper
65 100
92 69.3 52.2 78.4
138 104.3 77.0 115.4



#49
Acenaphthylene
Concen: 42.937 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion: 152 Resp: 884487
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.6 15.8

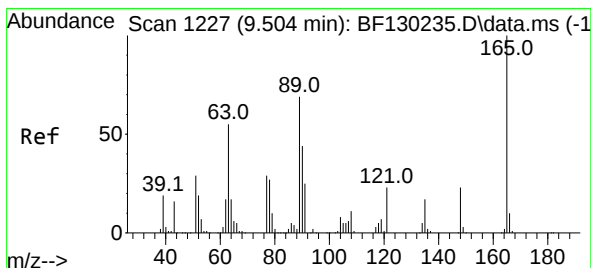
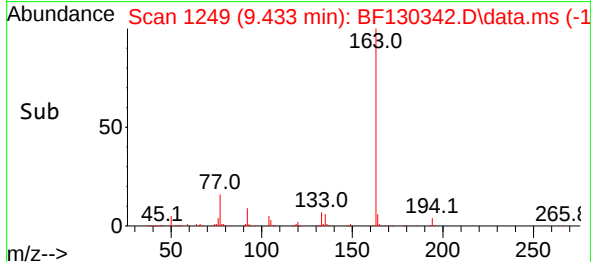
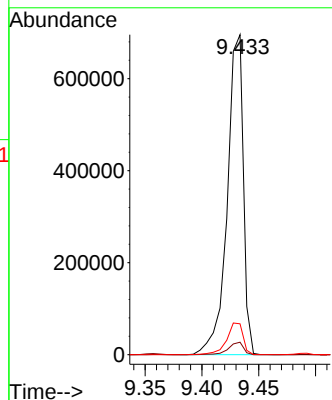
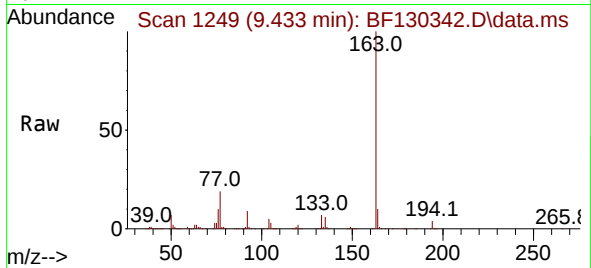




#50
Dimethylphthalate
Concen: 43.705 ng
RT: 9.433 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

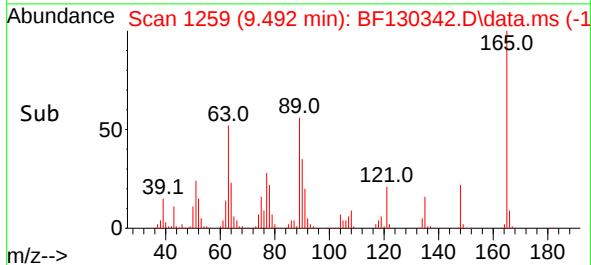
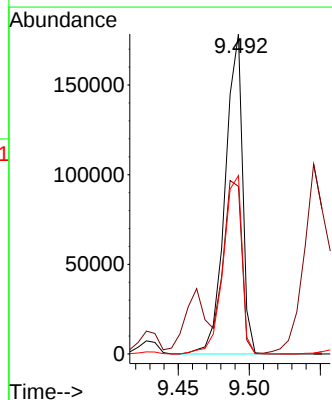
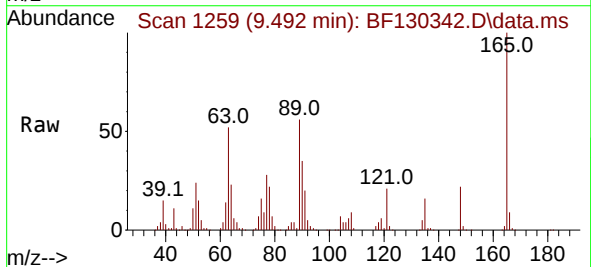
Instrument :
BNA_F
ClientSampleId :
PB147759BS

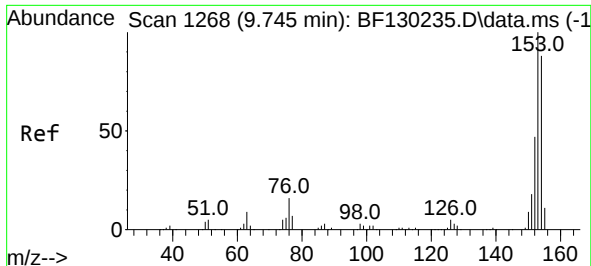
Tgt Ion:163 Resp: 686543
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 46.261 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:165 Resp: 151978
Ion Ratio Lower Upper
165 100
63 52.3 58.8 88.2#
89 55.7 54.5 81.7

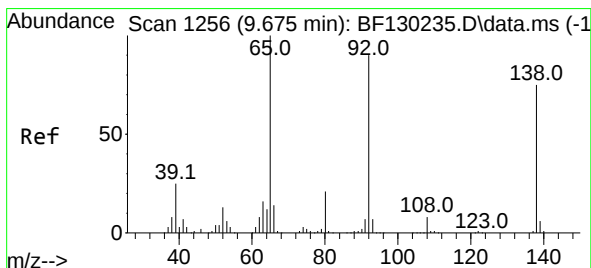
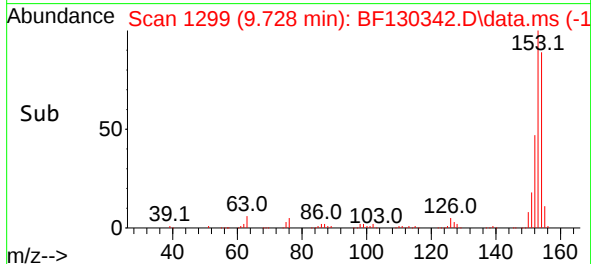
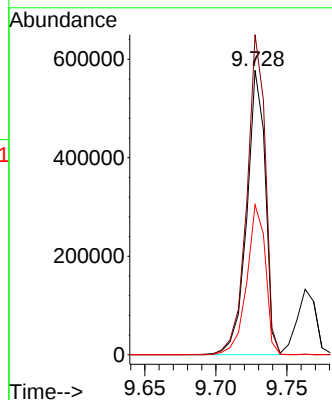
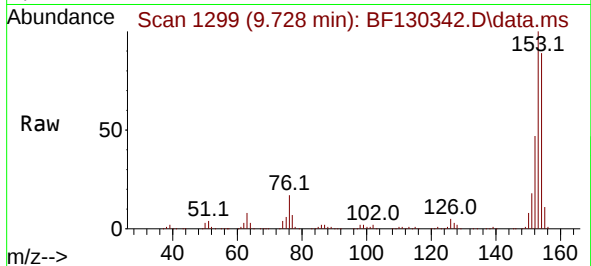




#52
Acenaphthene
Concen: 38.595 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

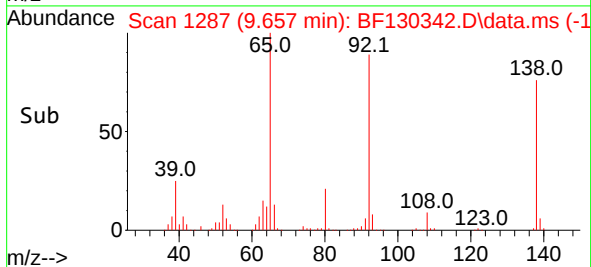
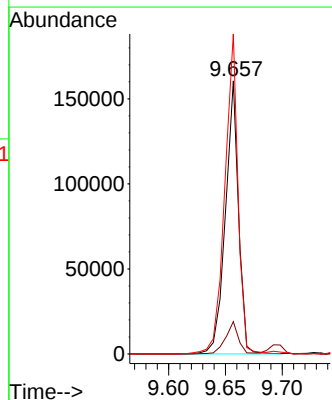
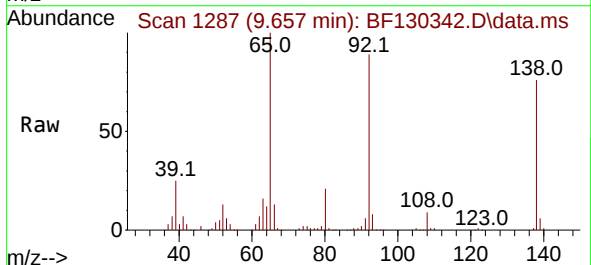
Instrument :
BNA_F
ClientSampleId :
PB147759BS

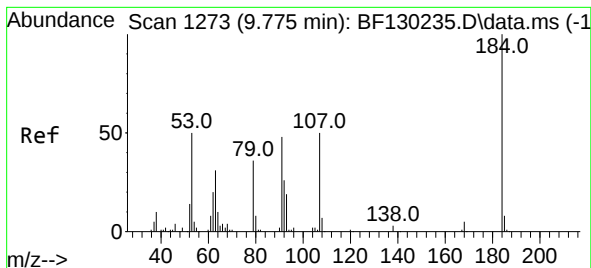
Tgt Ion:154 Resp: 522365
Ion Ratio Lower Upper
154 100
153 112.6 90.6 136.0
152 52.7 43.8 65.6



#53
3-Nitroaniline
Concen: 35.410 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:138 Resp: 129624
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 117.2 99.2 148.8





#54

2,4-Dinitrophenol

Concen: 94.738 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

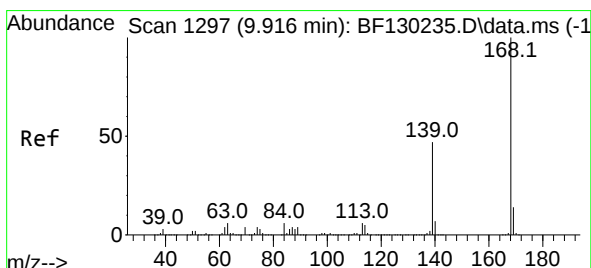
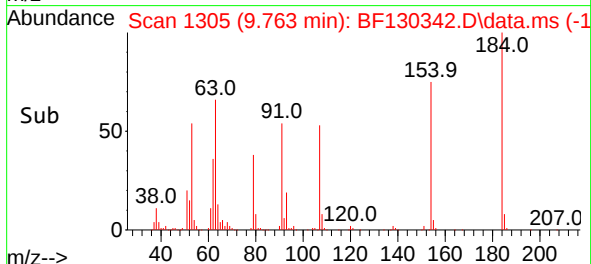
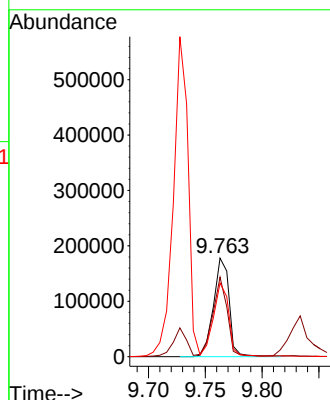
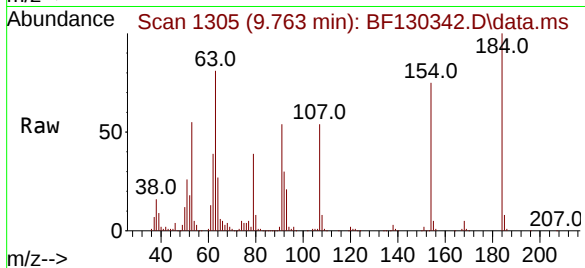
Tgt Ion:184 Resp: 171063

Ion Ratio Lower Upper

184 100

63 80.7 70.0 105.0

154 74.7 63.0 94.6



#55

Dibenzofuran

Concen: 42.885 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

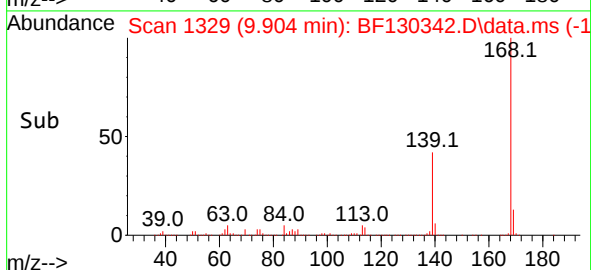
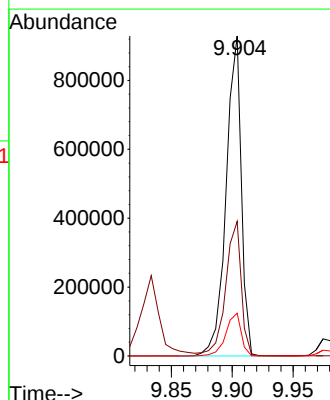
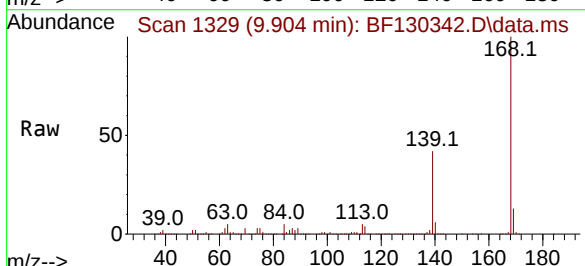
Tgt Ion:168 Resp: 807327

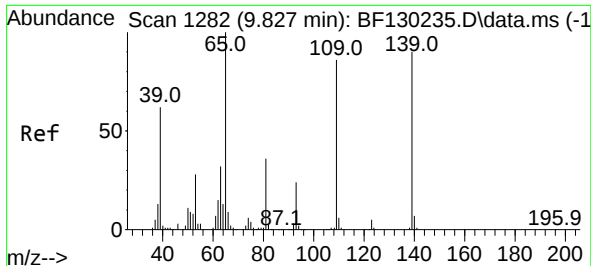
Ion Ratio Lower Upper

168 100

139 42.1 35.0 52.4

169 13.4 10.9 16.3

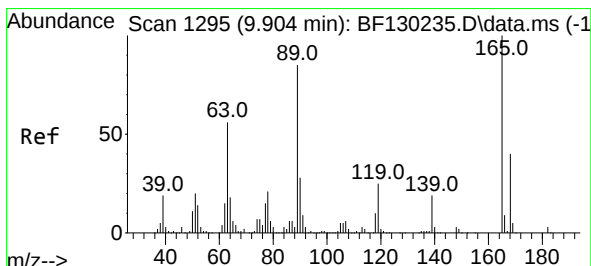
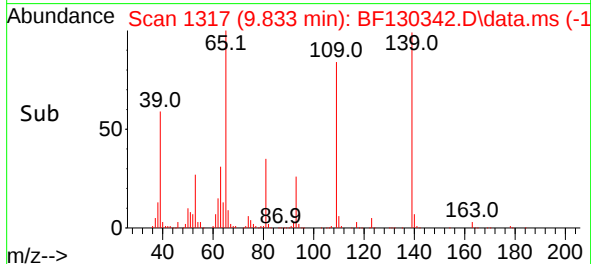
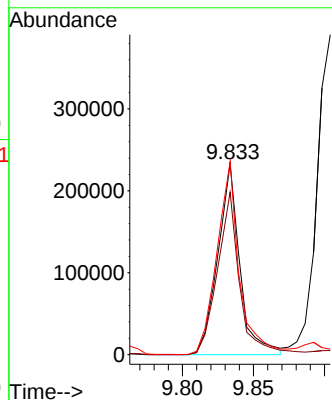
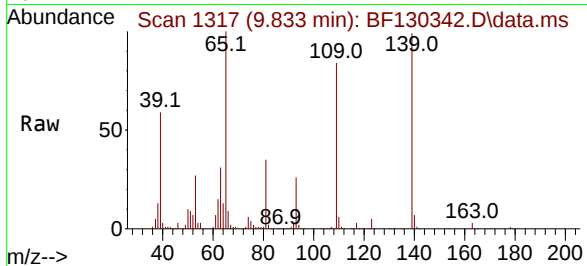




#56
4-Nitrophenol
Concen: 94.400 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

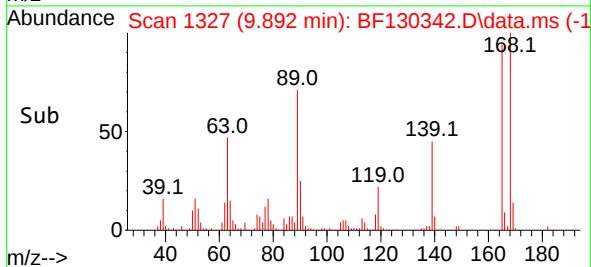
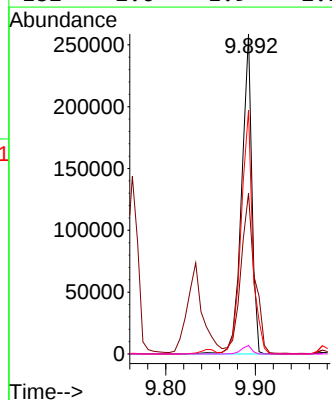
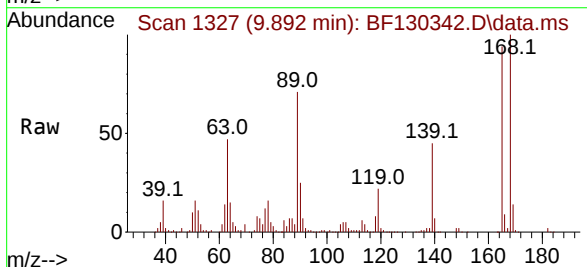
Instrument :
BNA_F
ClientSampleId :
PB147759BS

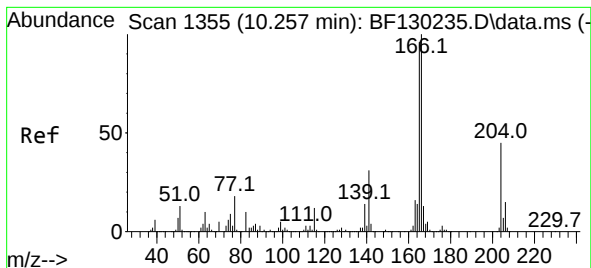
Tgt Ion:139 Resp: 251697
Ion Ratio Lower Upper
139 100
109 85.1 72.2 112.2
65 100.9 97.7 137.7



#57
2,4-Dinitrotoluene
Concen: 49.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:165 Resp: 205731
Ion Ratio Lower Upper
165 100
63 50.3 44.7 67.1
89 76.1 69.0 103.4
182 2.6 1.9 2.9





#58

Fluorene

Concen: 43.017 ng

RT: 10.245 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

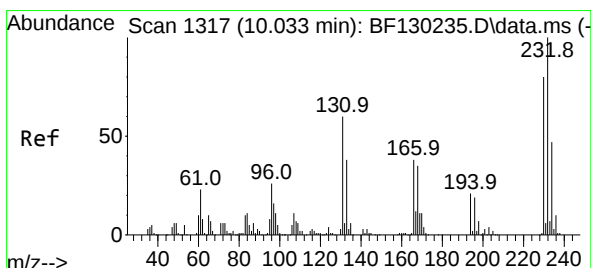
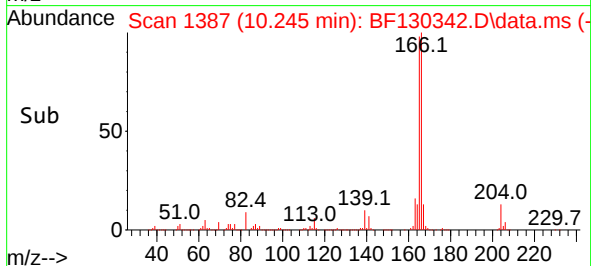
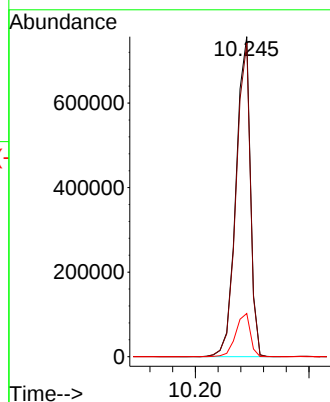
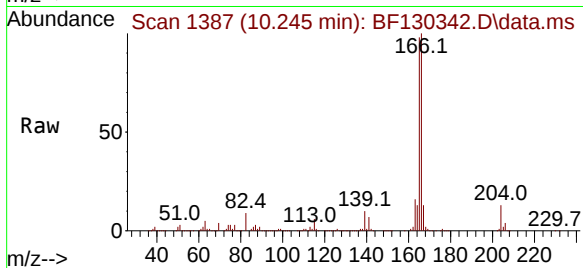
Tgt Ion:166 Resp: 662284

Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

167 13.5 10.6 15.8



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.708 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Tgt Ion:232 Resp: 167217

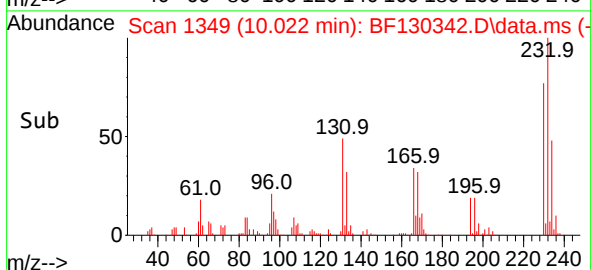
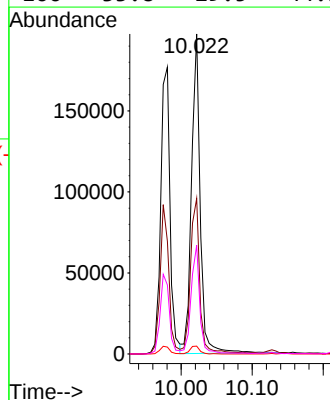
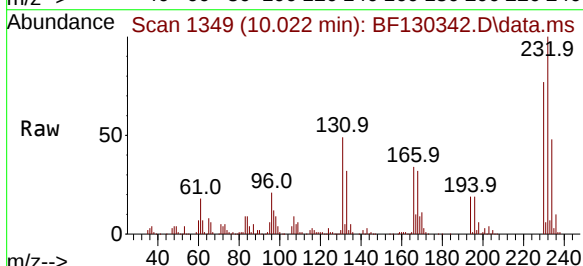
Ion Ratio Lower Upper

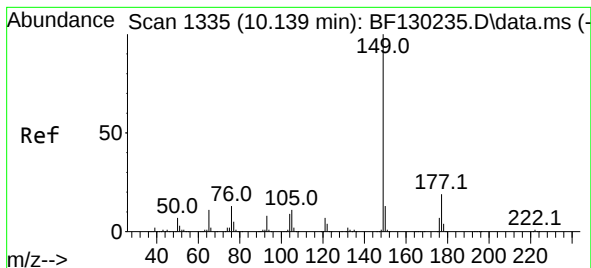
232 100

131 50.9 46.4 69.6

130 2.8 2.3 3.5

166 33.8 29.5 44.3





#60

Diethylphthalate

Concen: 42.481 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

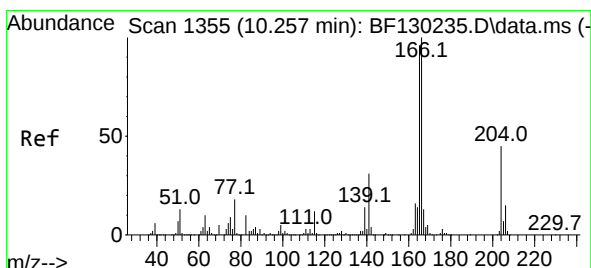
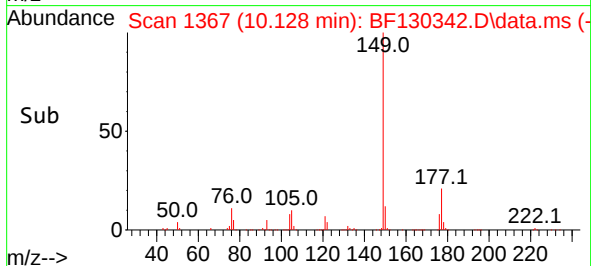
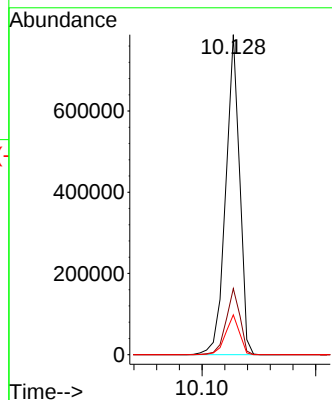
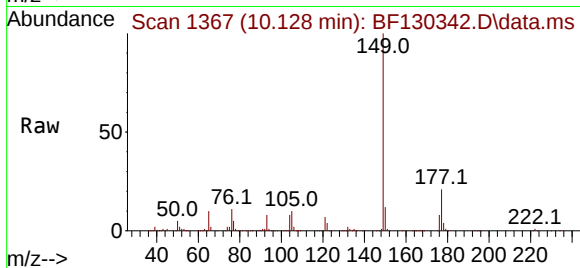
Tgt Ion:149 Resp: 669186

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

150 12.4 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 44.266 ng

RT: 10.239 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

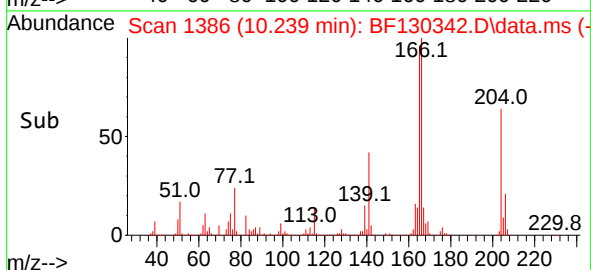
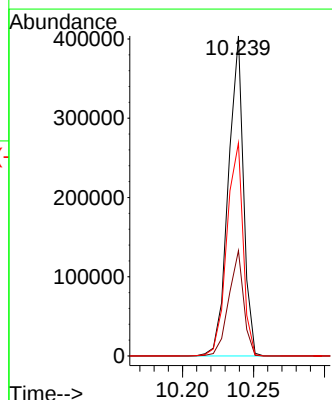
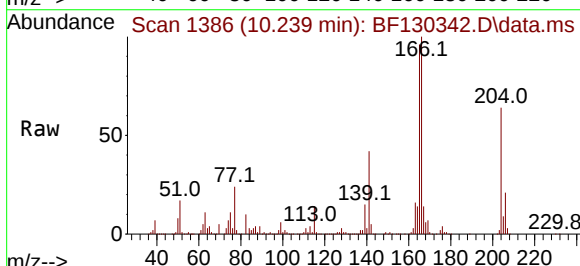
Tgt Ion:204 Resp: 298964

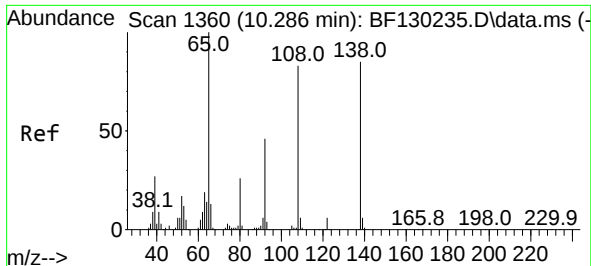
Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

141 66.6 57.1 85.7

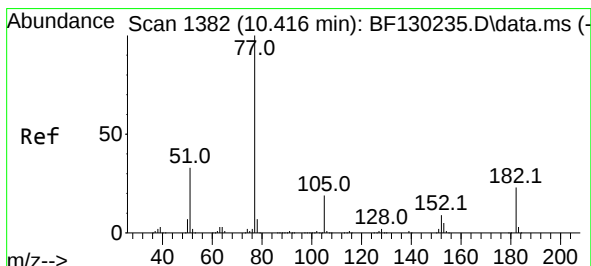
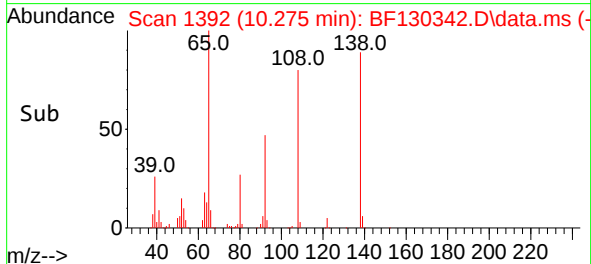
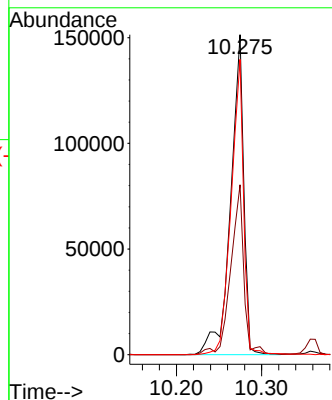
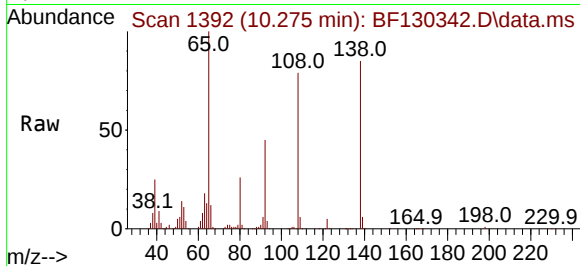




#62
4-Nitroaniline
Concen: 44.155 ng
RT: 10.275 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

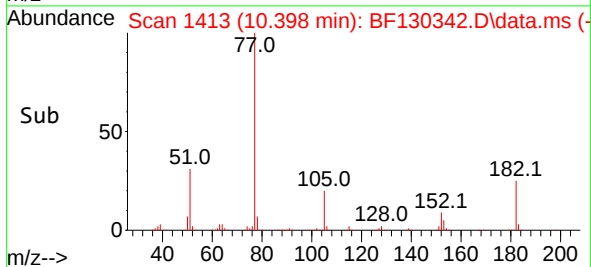
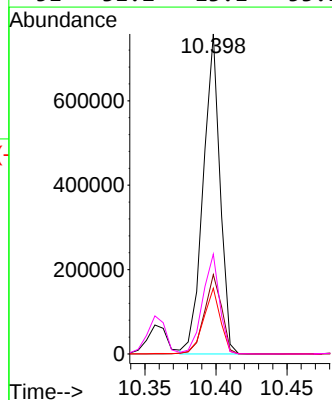
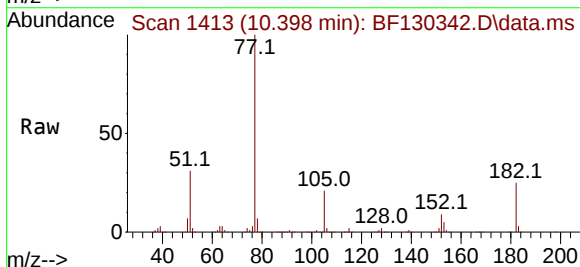
Instrument :
BNA_F
ClientSampleId :
PB147759BS

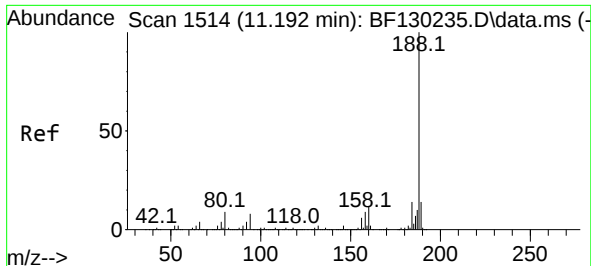
Tgt Ion:138 Resp: 162376
Ion Ratio Lower Upper
138 100
92 53.1 36.7 76.7
108 92.3 78.2 118.2



#63
Azobenzene
Concen: 38.516 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion: 77 Resp: 624758
Ion Ratio Lower Upper
77 100
182 24.8 2.1 42.1
105 20.5 0.0 39.4
51 31.2 13.1 53.1

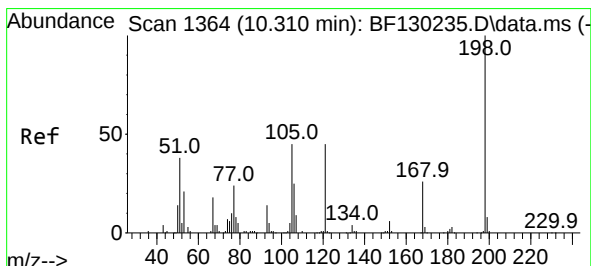
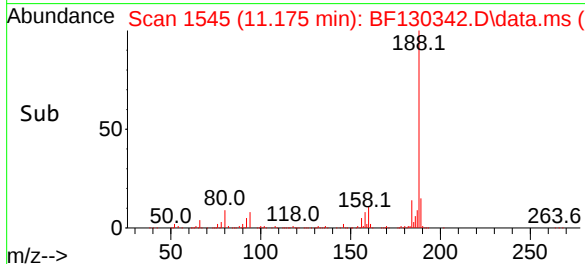
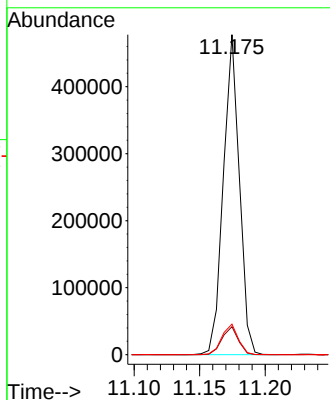
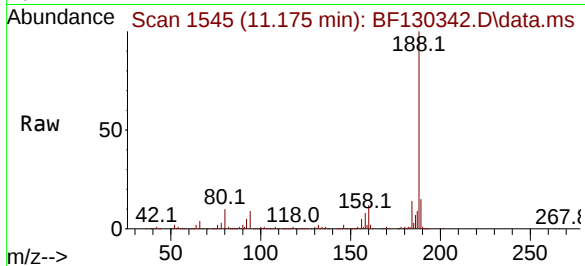




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

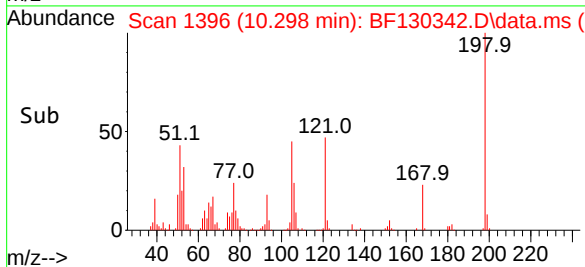
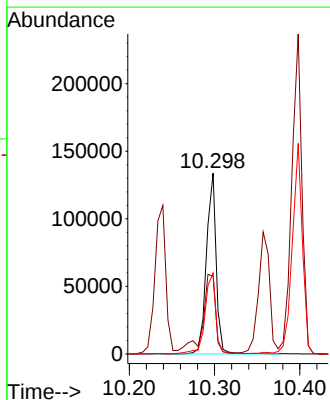
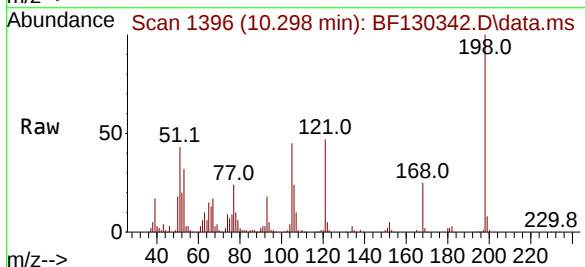
Instrument :
BNA_F
ClientSampleId :
PB147759BS

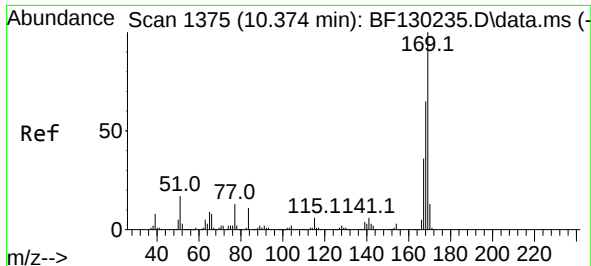
Tgt Ion:188 Resp: 404862
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 46.996 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:198 Resp: 105917
Ion Ratio Lower Upper
198 100
51 43.0 36.9 76.9
105 44.8 33.0 73.0

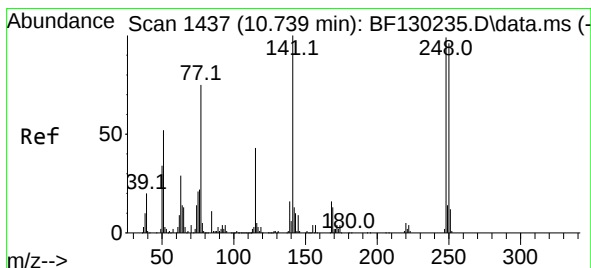
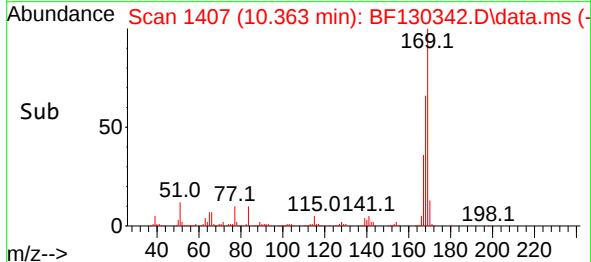
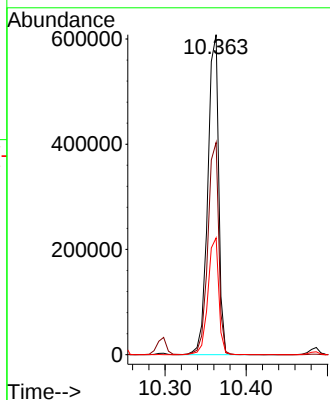
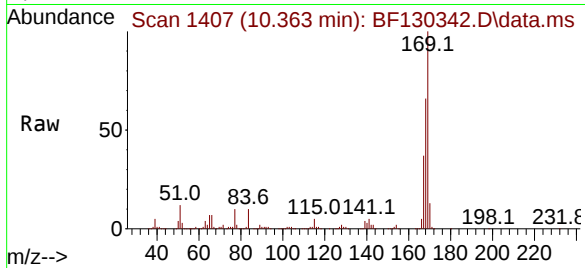




#66
n-Nitrosodiphenylamine
Concen: 41.528 ng
RT: 10.363 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

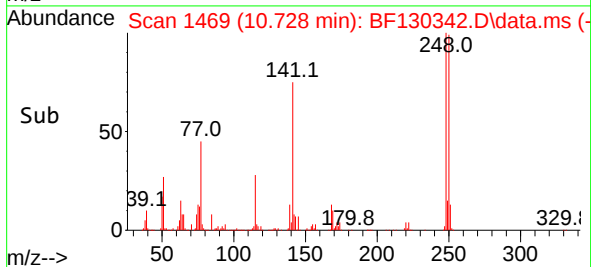
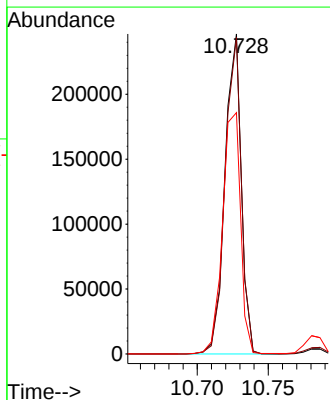
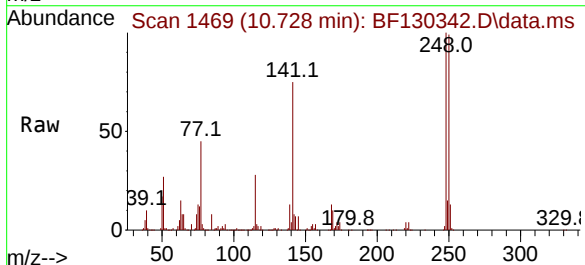
Instrument :
BNA_F
ClientSampleId :
PB147759BS

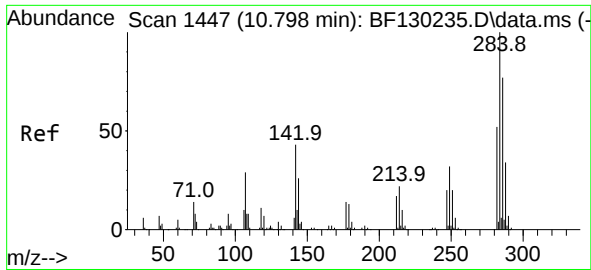
Tgt Ion:169 Resp: 561837
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.5 29.2 43.8



#67
4-Bromophenyl-phenylether
Concen: 43.983 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:248 Resp: 196442
Ion Ratio Lower Upper
248 100
250 98.9 80.0 120.0
141 75.4 68.5 102.7

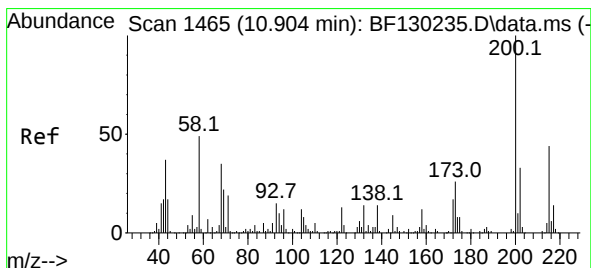
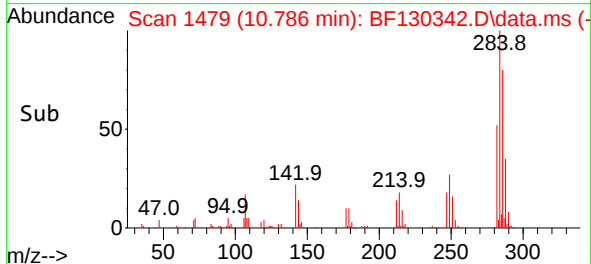
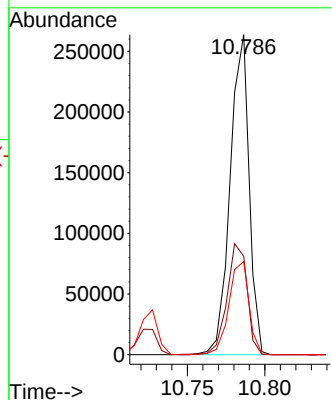
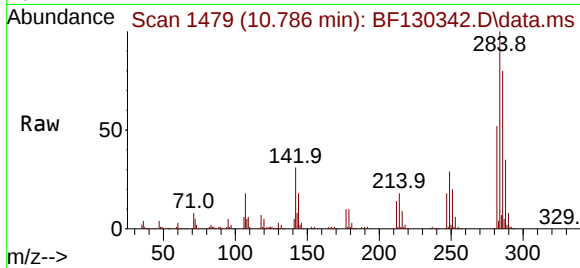




#68
Hexachlorobenzene
Concen: 44.395 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

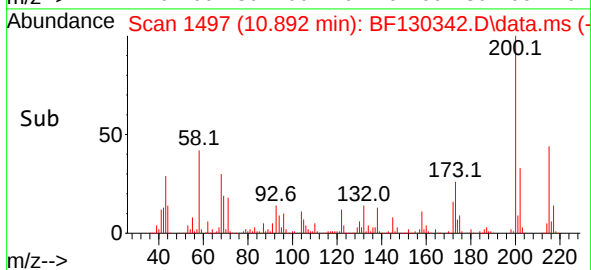
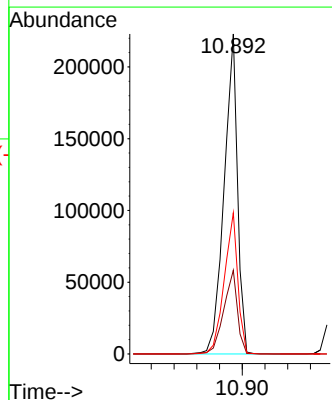
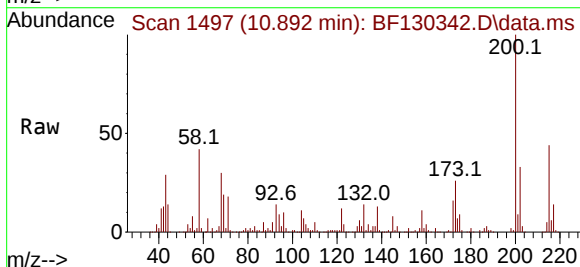
Instrument :
BNA_F
ClientSampleId :
PB147759BS

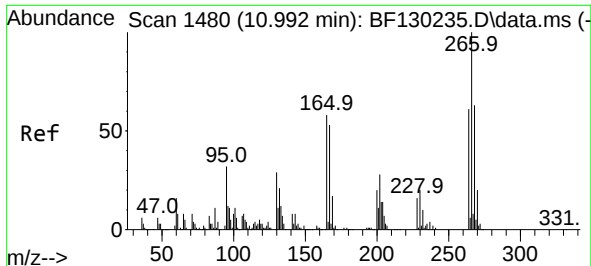
Tgt Ion:284 Resp: 224764
Ion Ratio Lower Upper
284 100
142 30.8 27.2 40.8
249 29.1 23.8 35.8



#69
Atrazine
Concen: 46.360 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:200 Resp: 183296
Ion Ratio Lower Upper
200 100
173 26.1 6.2 46.2
215 44.1 22.5 62.5

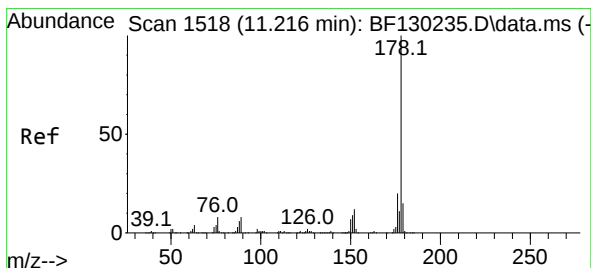
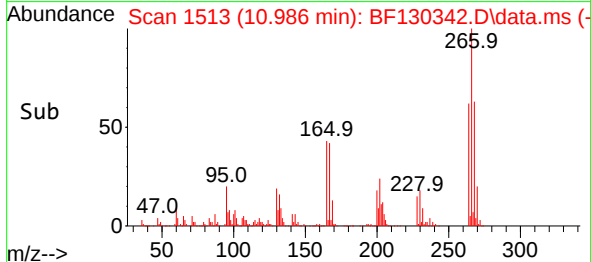
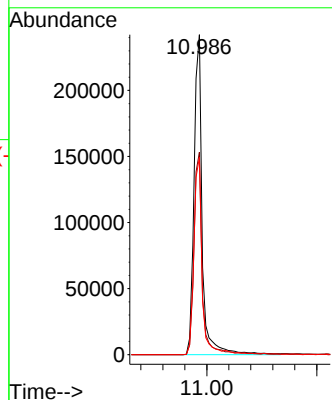
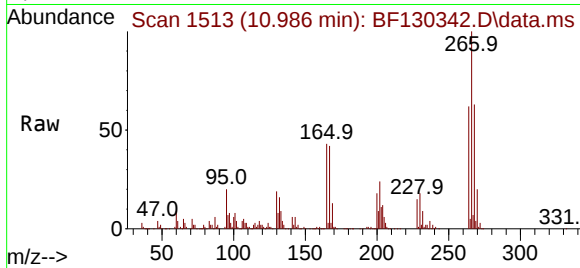




#70
Pentachlorophenol
Concen: 91.575 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.012 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

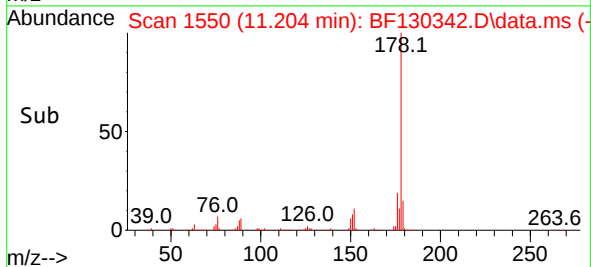
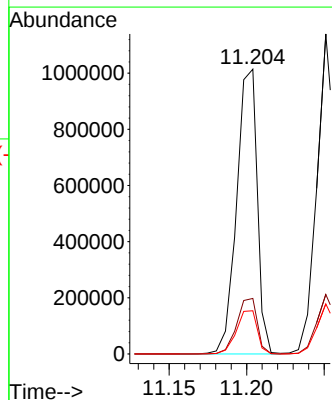
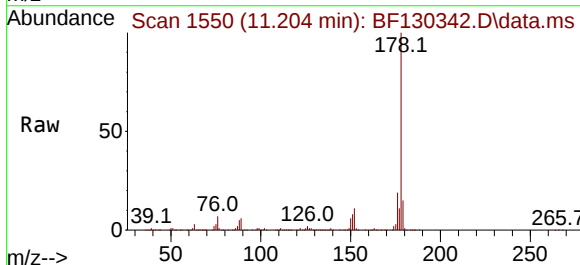
Instrument :
BNA_F
ClientSampleId :
PB147759BS

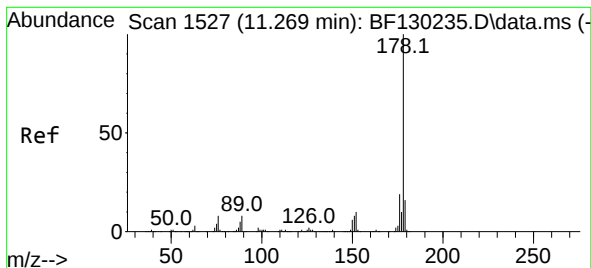
Tgt Ion:266 Resp: 248823
Ion Ratio Lower Upper
266 100
268 63.3 50.5 75.7
264 61.7 50.5 75.7



#71
Phenanthrene
Concen: 41.270 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF130342.D
Acq: 20 Sep 2022 13:51

Tgt Ion:178 Resp: 938087
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.2 12.4 18.6





#72

Anthracene

Concen: 43.370 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

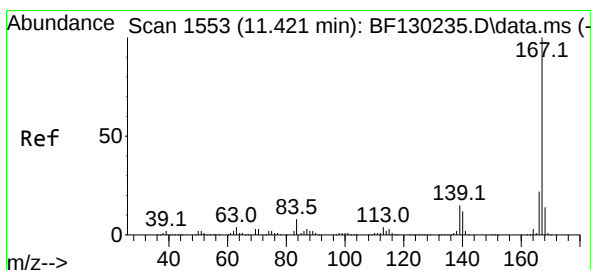
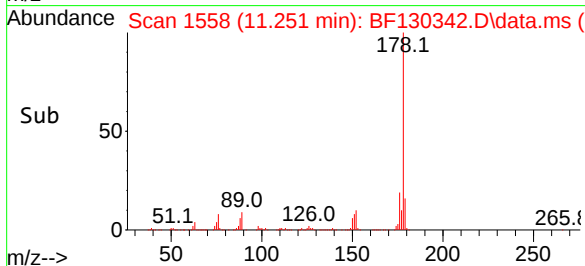
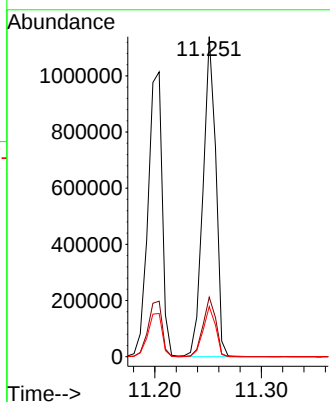
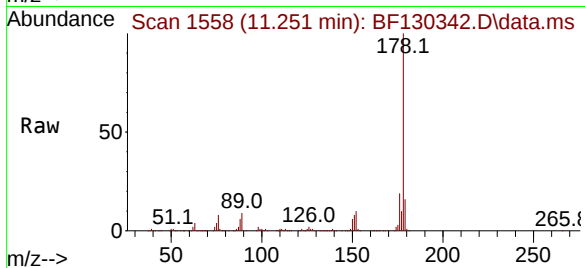
Tgt Ion:178 Resp: 951349

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.6 12.7 19.1



#73

Carbazole

Concen: 44.088 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

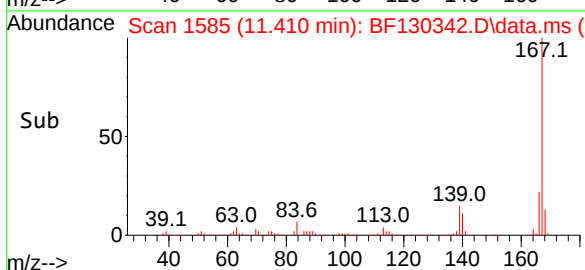
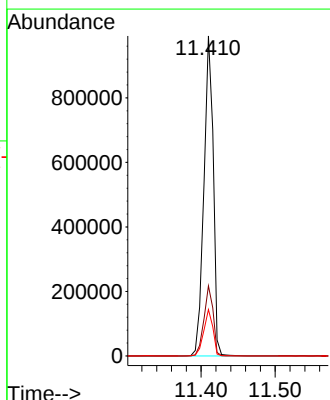
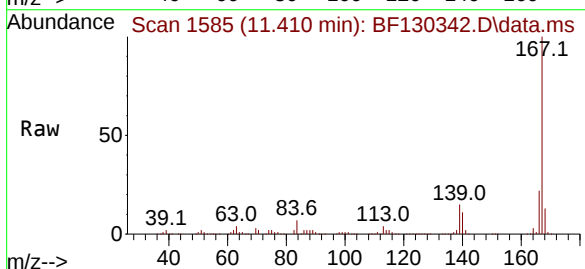
Tgt Ion:167 Resp: 872794

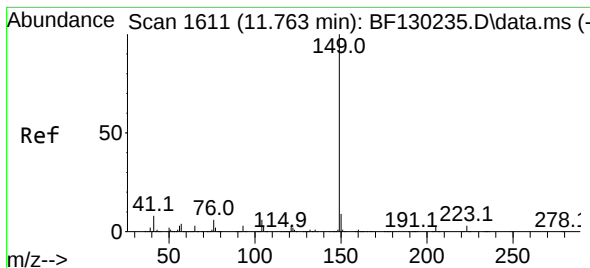
Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 14.5 11.6 17.4





#74

Di-n-butylphthalate

Concen: 42.076 ng

RT: 11.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

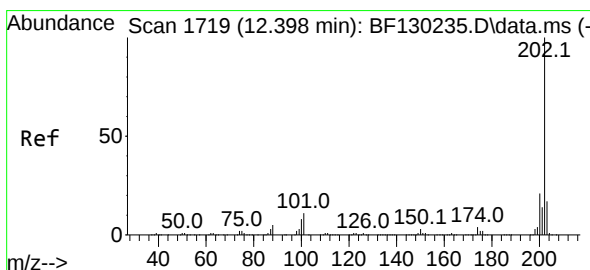
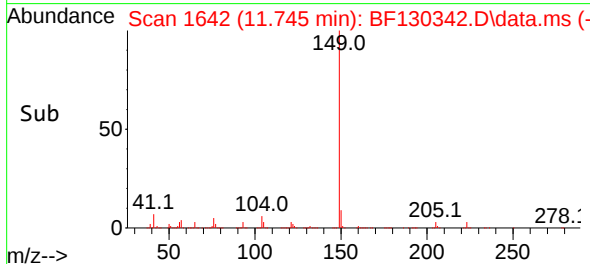
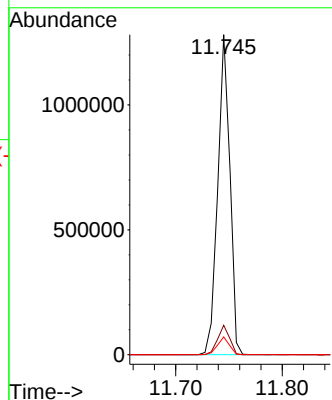
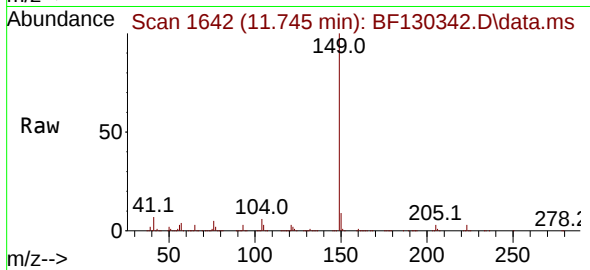
Tgt Ion:149 Resp: 1004464

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.5 4.8 7.2



#75

Fluoranthene

Concen: 43.676 ng

RT: 12.386 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

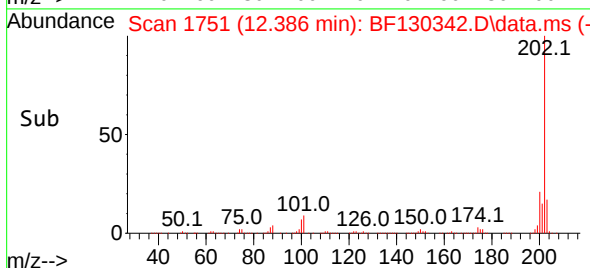
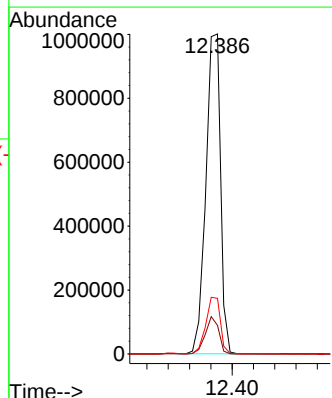
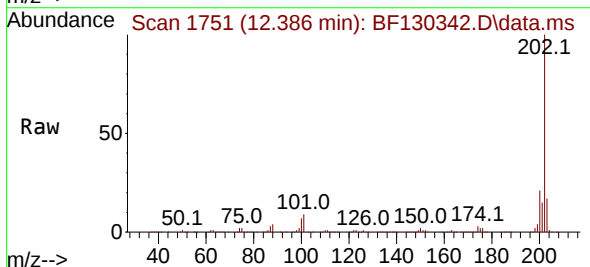
Tgt Ion:202 Resp: 959325

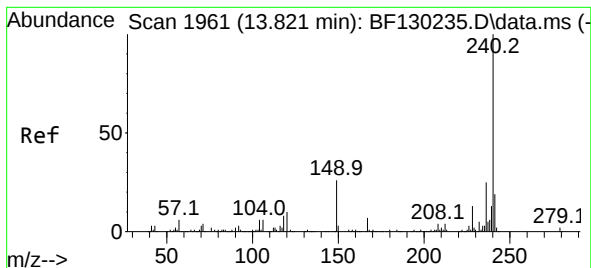
Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.8

203 17.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

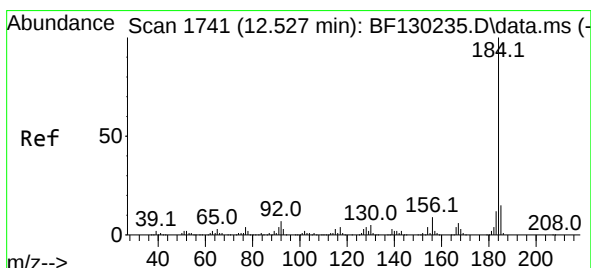
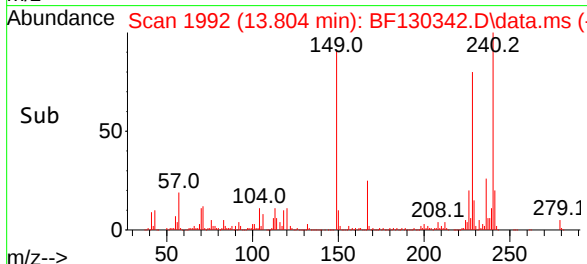
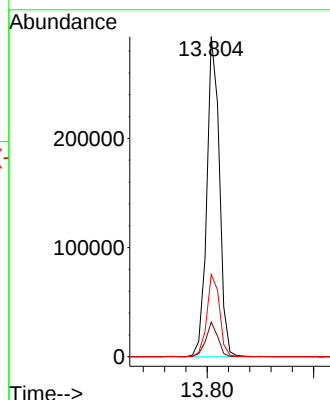
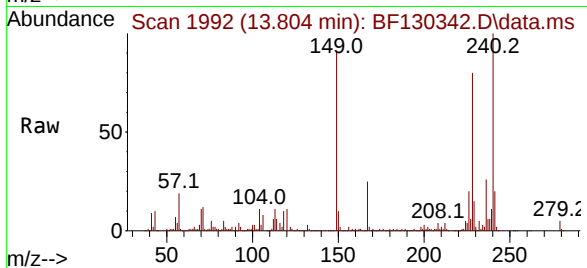
Tgt Ion:240 Resp: 241614

Ion Ratio Lower Upper

240 100

120 10.8 8.7 13.1

236 25.7 20.9 31.3



#77

Benzidine

Concen: 71.166 ng

RT: 12.516 min Scan# 1773

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

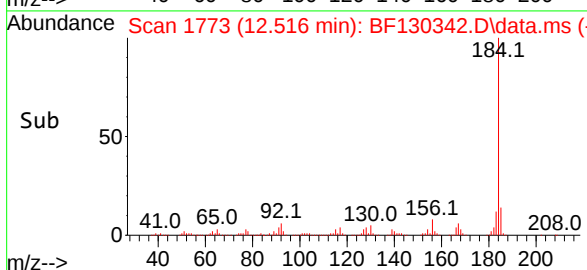
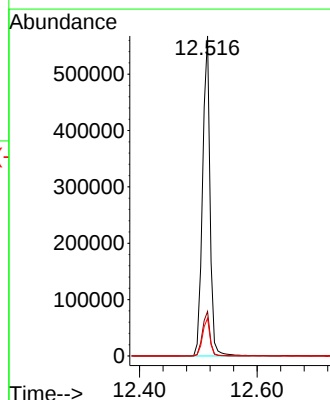
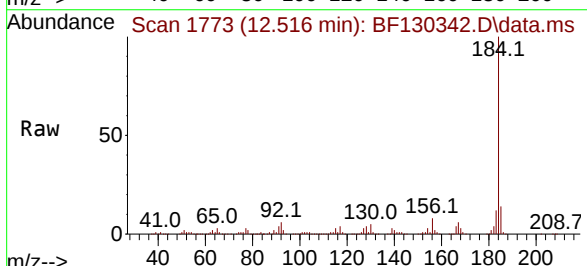
Tgt Ion:184 Resp: 499149

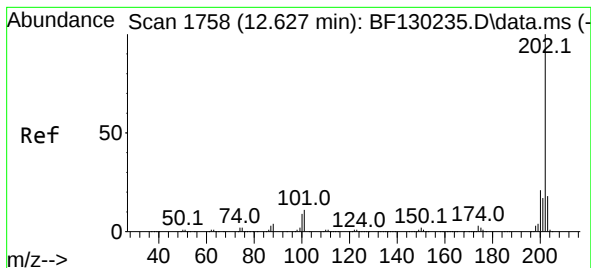
Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

183 11.8 9.1 13.7





#78

Pyrene

Concen: 45.068 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

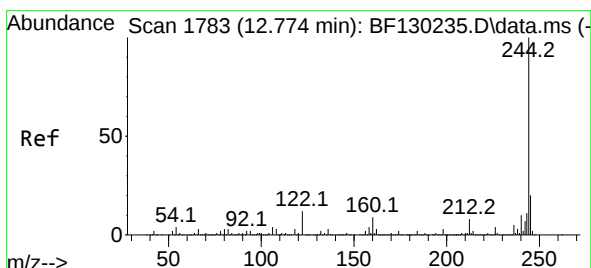
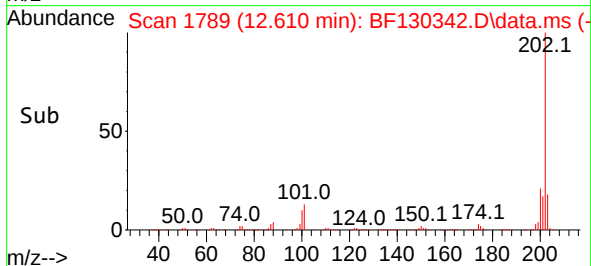
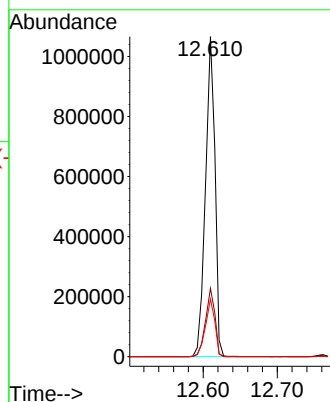
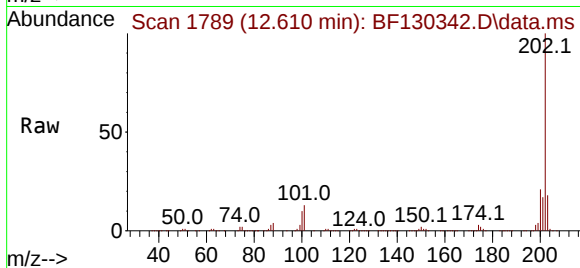
Tgt Ion:202 Resp: 952576

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 18.0 14.3 21.5



#79

Terphenyl-d14

Concen: 94.152 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

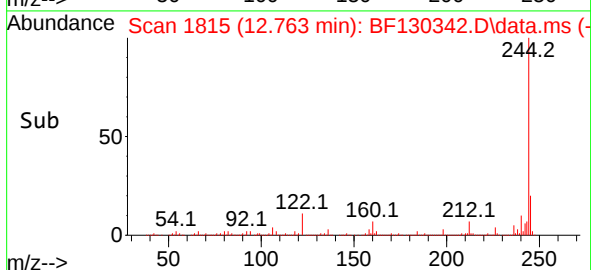
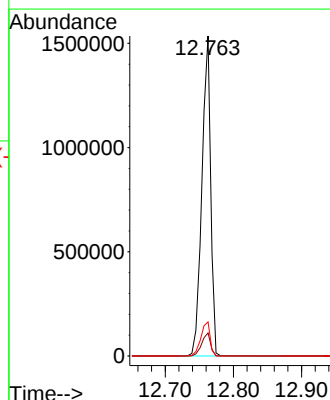
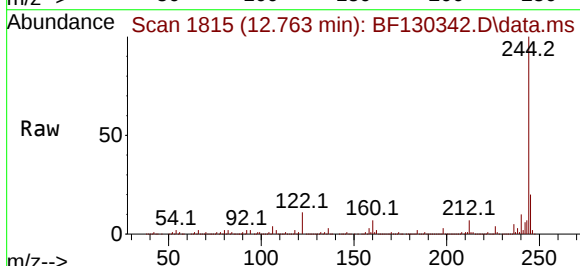
Tgt Ion:244 Resp: 1373287

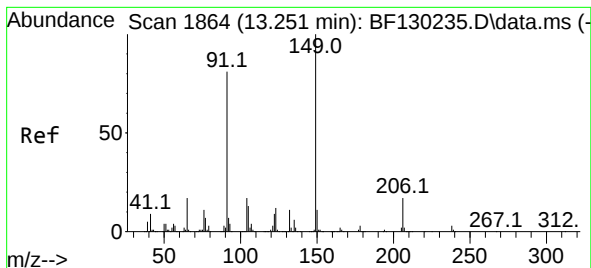
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.6 8.5 12.7





#80

Butylbenzylphthalate

Concen: 47.386 ng

RT: 13.239 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

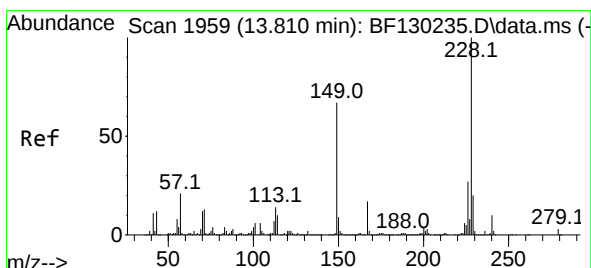
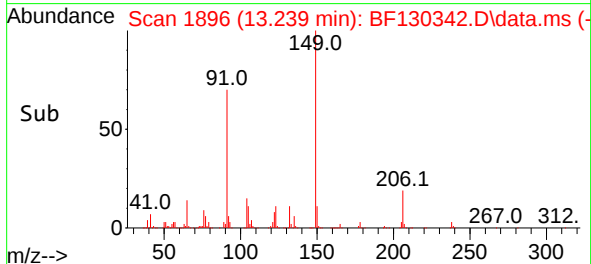
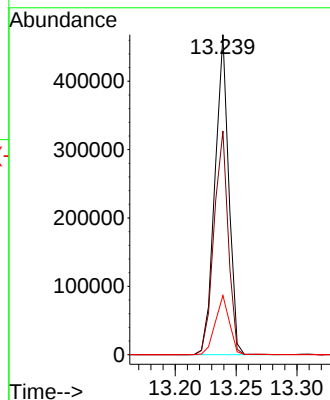
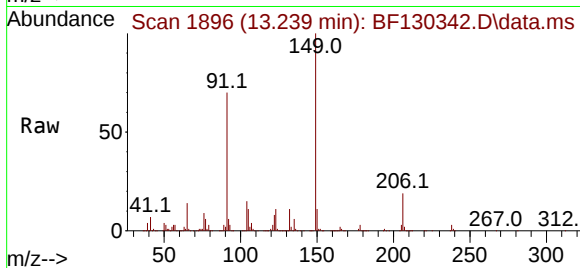
Tgt Ion:149 Resp: 371043

Ion Ratio Lower Upper

149 100

91 69.9 59.8 89.8

206 18.5 13.9 20.9



#81

Benzo(a)anthracene

Concen: 43.771 ng

RT: 13.798 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

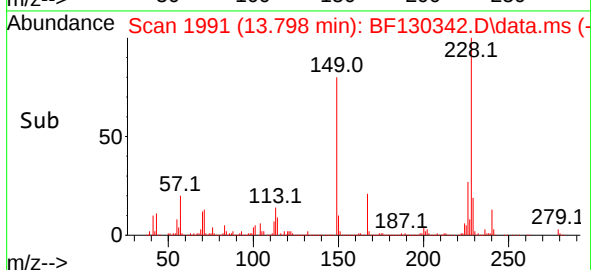
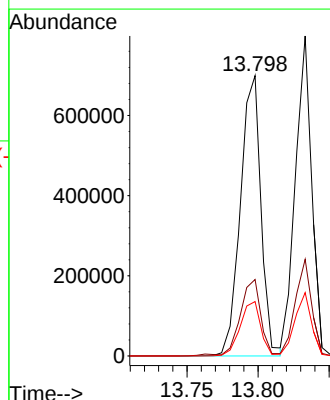
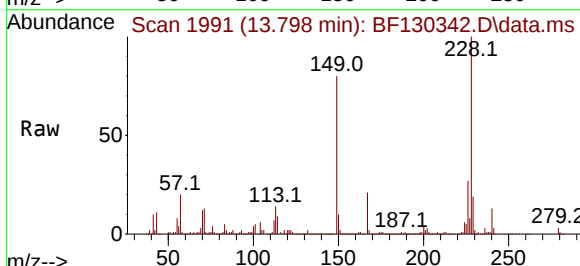
Tgt Ion:228 Resp: 703541

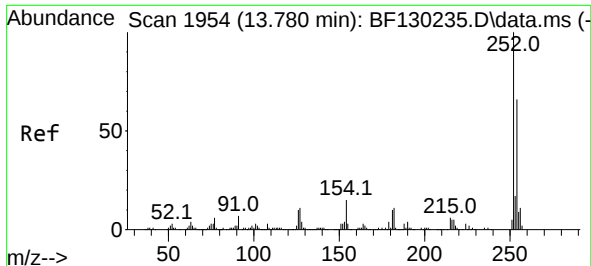
Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 19.4 16.1 24.1

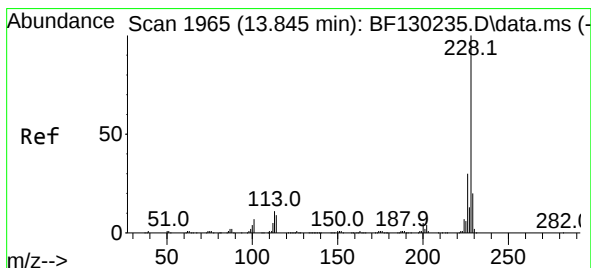
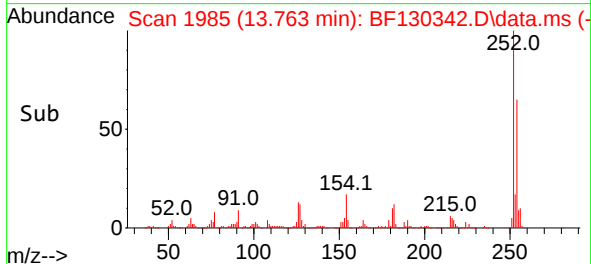
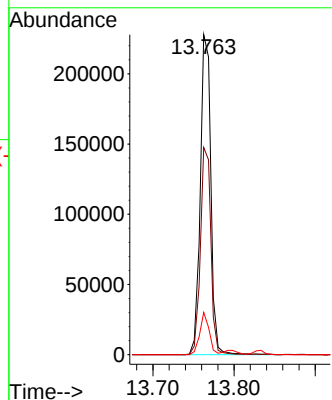
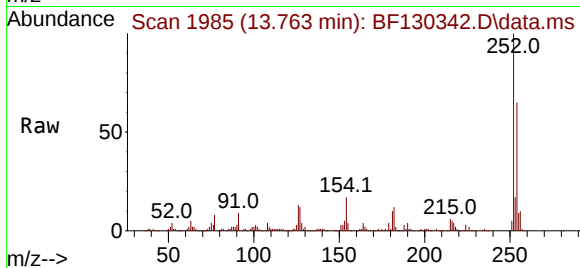




#82
 3,3'-Dichlorobenzidine
 Concen: 47.049 ng
 RT: 13.763 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

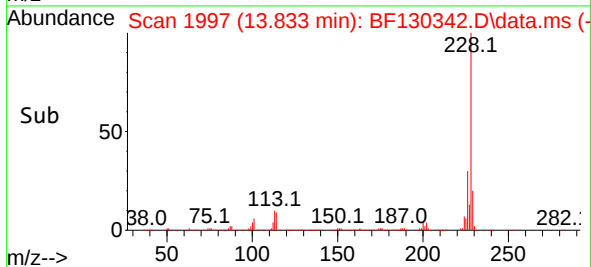
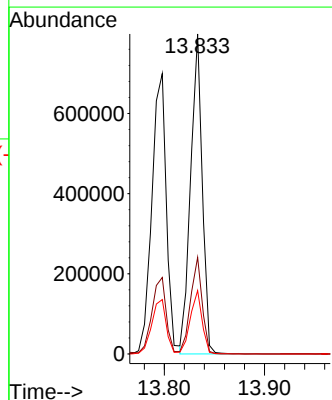
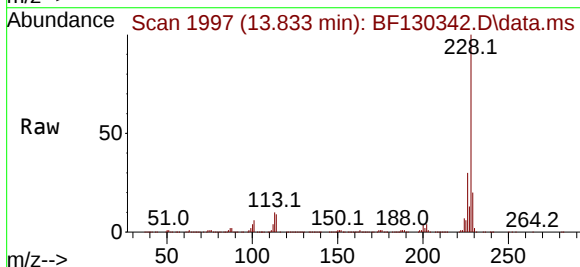
Instrument :
 BNA_F
 ClientSampleId :
 PB147759BS

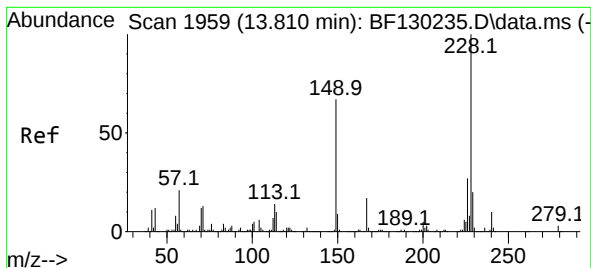
Tgt Ion:252 Resp: 205853
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.1 76.7
 126 13.2 10.4 15.6



#83
 Chrysene
 Concen: 42.083 ng
 RT: 13.833 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

Tgt Ion:228 Resp: 642252
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 19.8 15.3 22.9

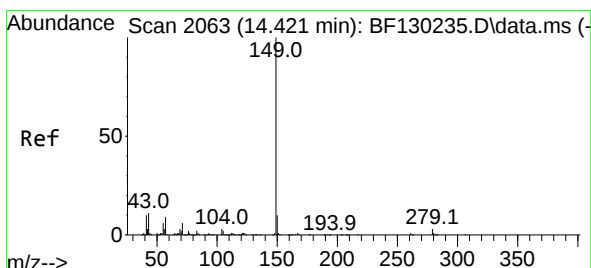
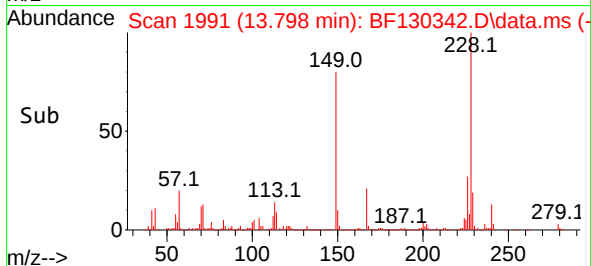
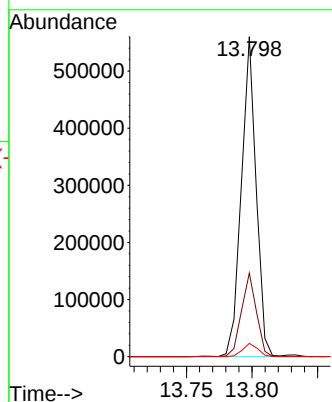
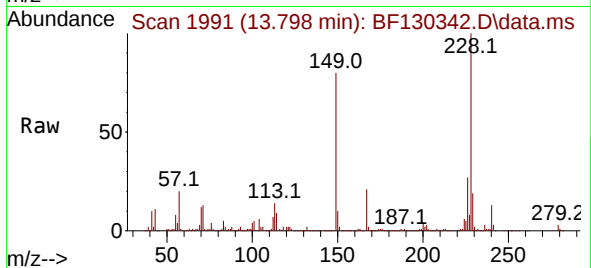




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.025 ng
 RT: 13.798 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

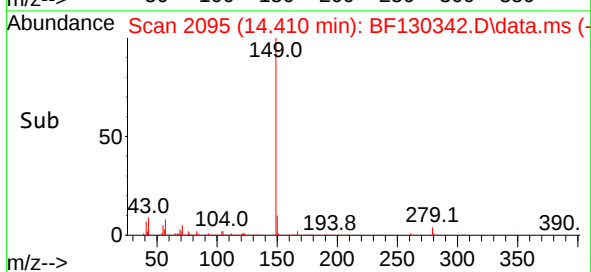
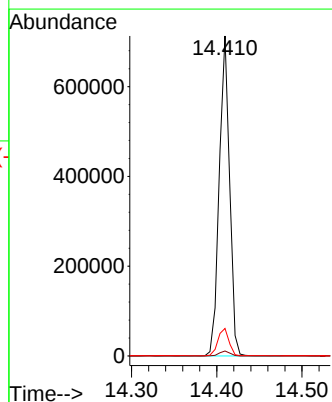
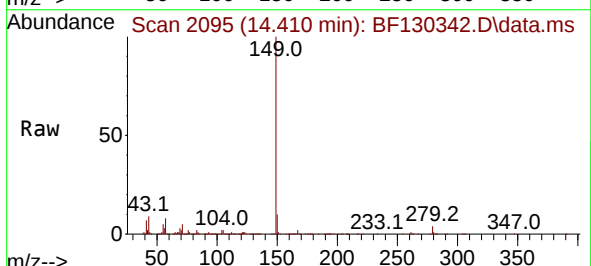
Instrument :
 BNA_F
 ClientSampleId :
 PB147759BS

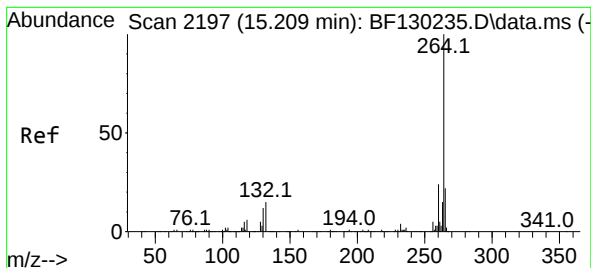
Tgt Ion:149 Resp: 439709
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.5 30.7
 279 4.2 2.9 4.3



#85
 Di-n-octyl phthalate
 Concen: 43.819 ng
 RT: 14.410 min Scan# 2095
 Delta R.T. 0.006 min
 Lab File: BF130342.D
 Acq: 20 Sep 2022 13:51

Tgt Ion:149 Resp: 601116
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

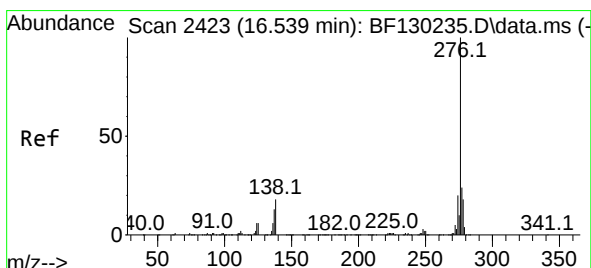
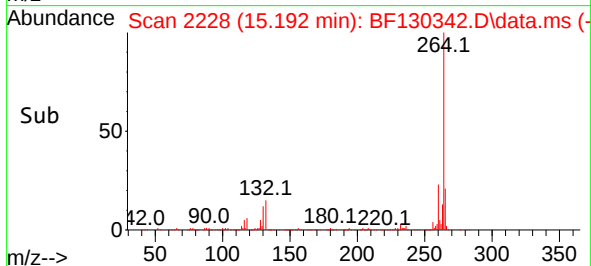
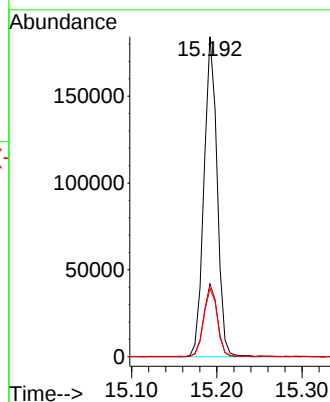
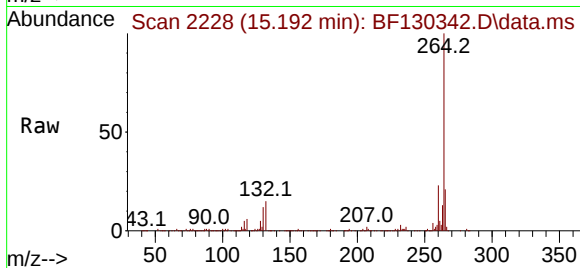
Tgt Ion:264 Resp: 197415

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 21.3 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 43.074 ng

RT: 16.521 min Scan# 2454

Delta R.T. 0.012 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

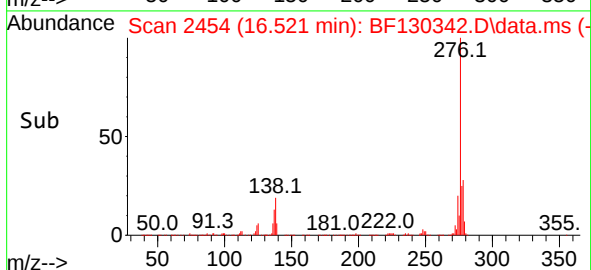
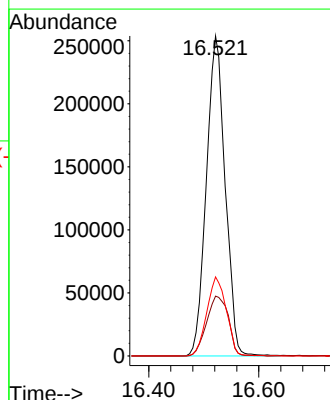
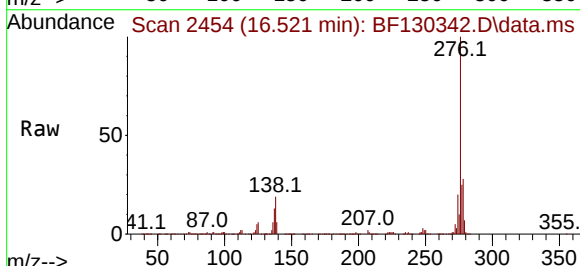
Tgt Ion:276 Resp: 603018

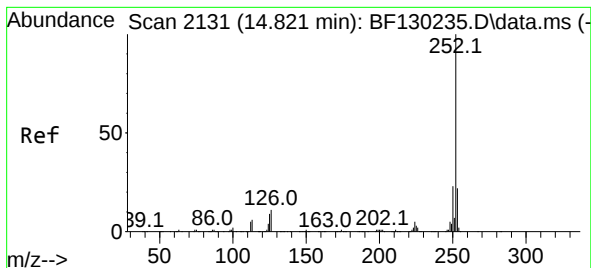
Ion Ratio Lower Upper

276 100

138 21.7 18.5 27.7

277 25.7 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 49.259 ng

RT: 14.804 min Scan# 2162

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

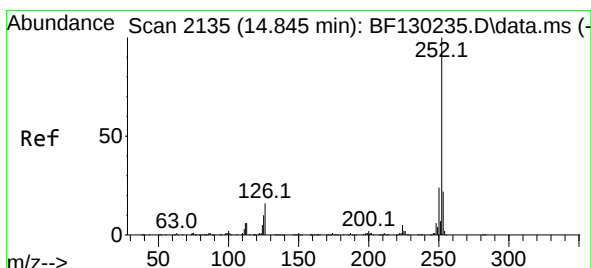
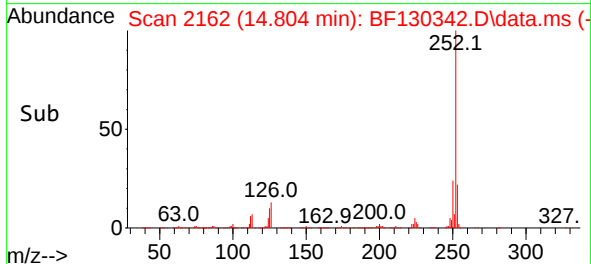
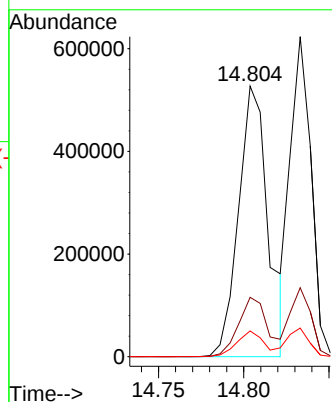
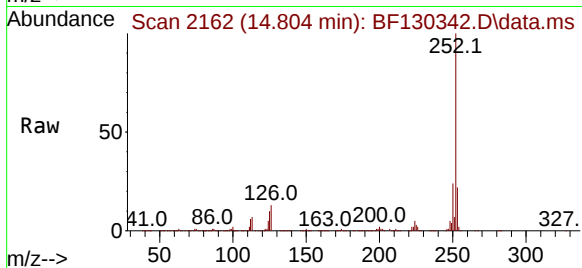
Tgt Ion:252 Resp: 634713

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.5 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 42.136 ng

RT: 14.833 min Scan# 2167

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

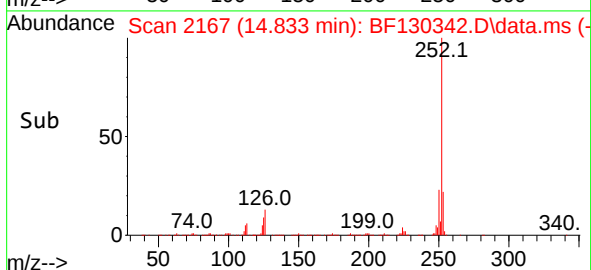
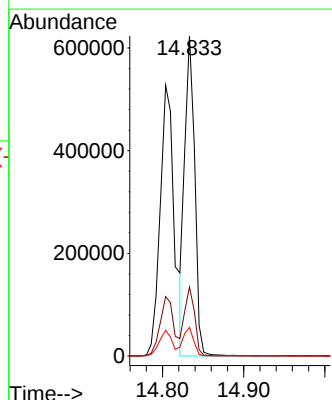
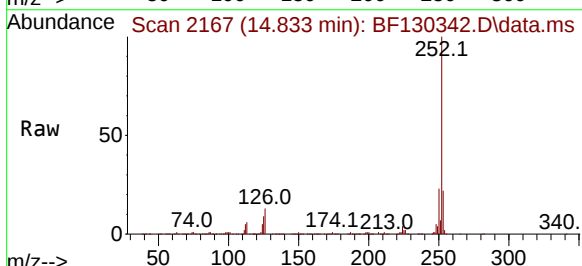
Tgt Ion:252 Resp: 534077

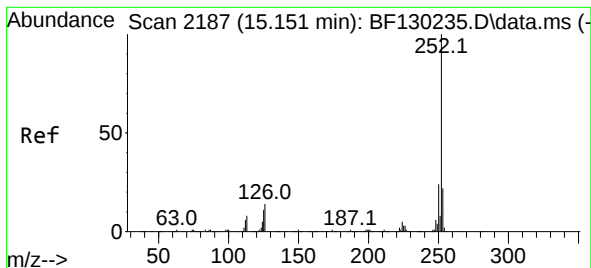
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 9.0 7.9 11.9





#90

Benzo(a)pyrene

Concen: 49.206 ng

RT: 15.139 min Scan# 2187

Delta R.T. 0.006 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS

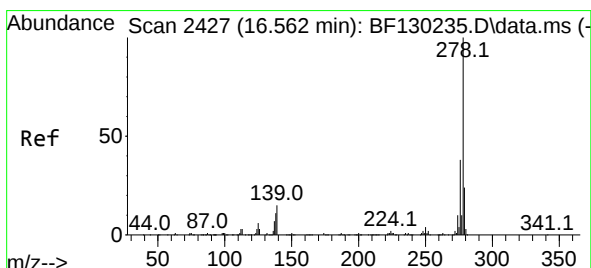
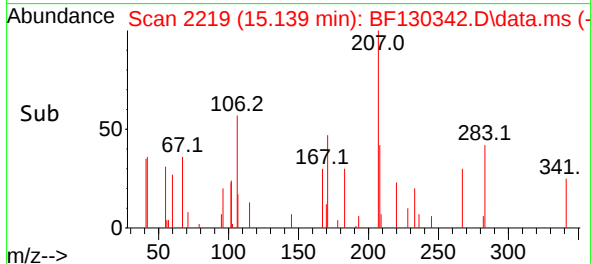
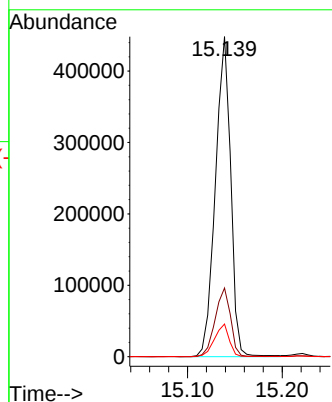
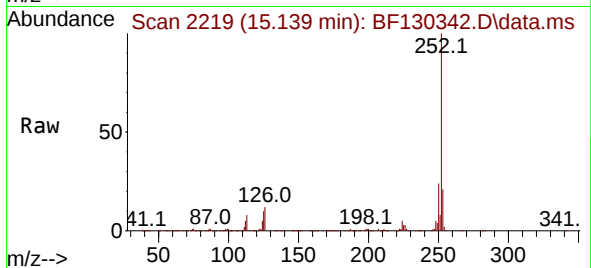
Tgt Ion:252 Resp: 502303

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 10.2 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 45.490 ng

RT: 16.545 min Scan# 2458

Delta R.T. 0.018 min

Lab File: BF130342.D

Acq: 20 Sep 2022 13:51

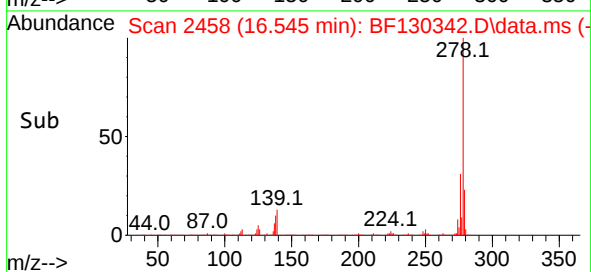
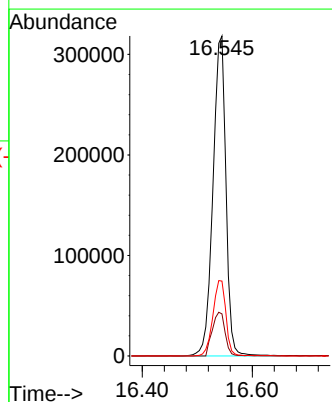
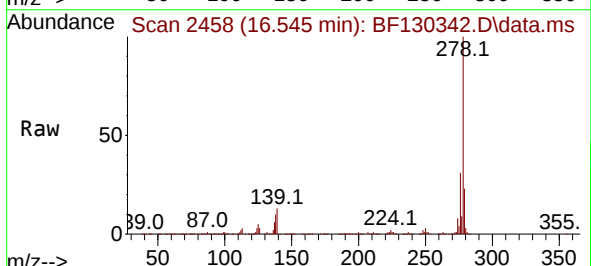
Tgt Ion:278 Resp: 522430

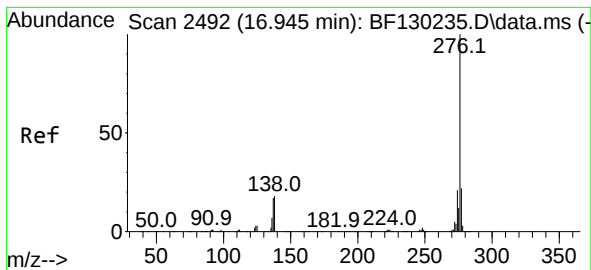
Ion Ratio Lower Upper

278 100

139 13.1 11.8 17.8

279 23.4 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 44.884 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF130342.D

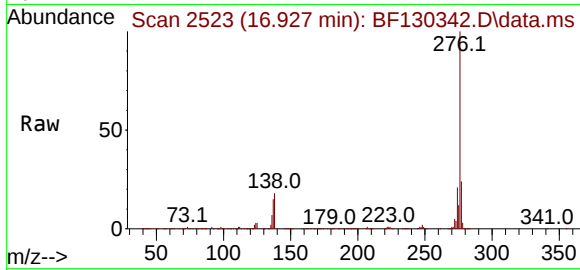
Acq: 20 Sep 2022 13:51

Instrument :

BNA_F

ClientSampleId :

PB147759BS



Tgt Ion:276 Resp: 519263

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 17.8 14.6 21.8

