

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130317.D
 Acq On : 19 Sep 2022 12:51
 Operator : CG\JU
 Sample : PB147728BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147728BSD

Quant Time: Sep 19 15:08:44 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	111970	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	443518	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	224206	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	370952	20.000	ng	0.00
76) Chrysene-d12	13.804	240	222930	20.000	ng	# 0.00
86) Perylene-d12	15.186	264	184244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	551631	85.450	ng	0.01
7) Phenol-d6	6.298	99	677371	83.860	ng	0.00
23) Nitrobenzene-d5	7.234	82	646470	74.466	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	199779	92.993	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1226984	79.691	ng	0.00
79) Terphenyl-d14	12.757	244	1254787	93.237	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	83670	28.221	ng	97
3) Pyridine	3.052	79	235353	30.431	ng	96
4) n-Nitrosodimethylamine	3.010	42	151498	36.016	ng	99
6) Aniline	6.328	93	400949	40.286	ng	98
8) 2-Chlorophenol	6.445	128	314589	42.779	ng	94
9) Benzaldehyde	6.210	77	174456	32.243	ng	95
10) Phenol	6.310	94	388703	41.063	ng	97
11) bis(2-Chloroethyl)ether	6.404	93	282208	41.333	ng	94
12) 1,3-Dichlorobenzene	6.598	146	332929	41.145	ng	99
13) 1,4-Dichlorobenzene	6.681	146	342847	41.550	ng	98
14) 1,2-Dichlorobenzene	6.828	146	322390	41.824	ng	99
15) Benzyl Alcohol	6.810	79	262850	41.043	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.940	45	383245	38.485	ng	98
17) 2-Methylphenol	6.922	107	244152	40.842	ng	99
18) Hexachloroethane	7.169	117	132433	40.716	ng	98
19) n-Nitroso-di-n-propyla...	7.087	70	216965	39.807	ng	97
20) 3+4-Methylphenols	7.075	107	313810	40.410	ng	# 86
22) Acetophenone	7.081	105	446810	41.206	ng	# 97
24) Nitrobenzene	7.251	77	331808	37.641	ng	94
25) Isophorone	7.492	82	593793	42.437	ng	98
26) 2-Nitrophenol	7.563	139	162766	45.043	ng	93
27) 2,4-Dimethylphenol	7.604	122	267906	48.150	ng	97
28) bis(2-Chloroethoxy)met...	7.704	93	349918	44.412	ng	99
29) 2,4-Dichlorophenol	7.804	162	256097	42.002	ng	98
30) 1,2,4-Trichlorobenzene	7.887	180	265962	40.346	ng	96
31) Naphthalene	7.969	128	881576	38.582	ng	99
32) Benzoic acid	7.739	122	173538	40.332	ng	99
33) 4-Chloroaniline	8.022	127	301840	34.733	ng	96
34) Hexachlorobutadiene	8.081	225	169199	40.162	ng	99
35) Caprolactam	8.398	113	42304	24.202	ng	86
36) 4-Chloro-3-methylphenol	8.504	107	283119	41.892	ng	97
37) 2-Methylnaphthalene	8.657	142	589145	40.439	ng	98
38) 1-Methylnaphthalene	8.757	142	558837	39.930	ng	98
40) 1,2,4,5-Tetrachloroben...	8.822	216	267229	43.674	ng	98
41) Hexachlorocyclopentadiene	8.810	237	367073	112.053	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	181118	42.413	ng	93

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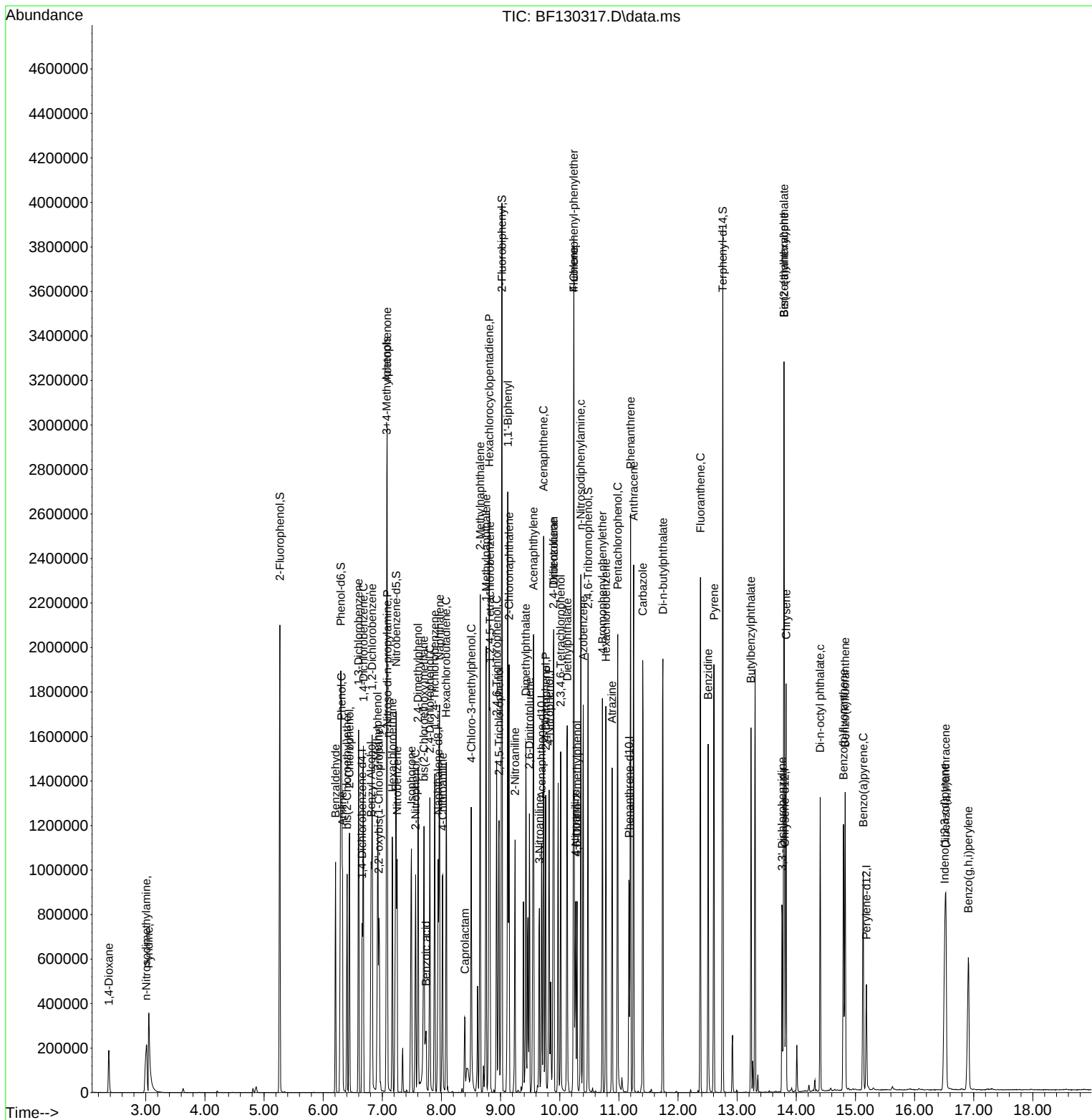
Instrument :
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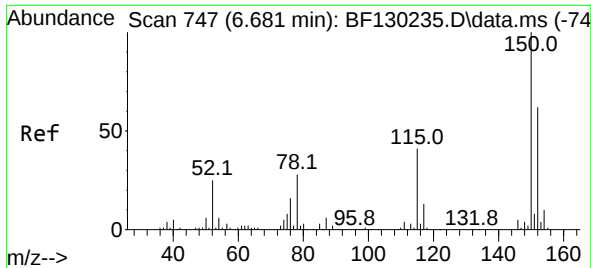
Quant Time: Sep 19 15:08:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	193127	41.910	ng	98
46) 1,1'-Biphenyl	9.122	154	720796	43.046	ng	99
47) 2-Chloronaphthalene	9.145	162	557263	41.140	ng	97
48) 2-Nitroaniline	9.245	65	175530	38.853	ng	91
49) Acenaphthylene	9.557	152	828073	40.773	ng	99
50) Dimethylphthalate	9.428	163	636412	41.093	ng	99
51) 2,6-Dinitrotoluene	9.486	165	140600	43.409	ng	96
52) Acenaphthene	9.728	154	499457	37.430	ng	98
53) 3-Nitroaniline	9.657	138	117862	32.657	ng	92
54) 2,4-Dinitrophenol	9.763	184	143701	81.647	ng	91
55) Dibenzofuran	9.898	168	755493	40.705	ng	99
56) 4-Nitrophenol	9.822	139	224872	85.545	ng	97
57) 2,4-Dinitrotoluene	9.892	165	188447	45.525	ng	89
58) Fluorene	10.239	166	610416	40.214	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.016	232	148040	41.044	ng	97
60) Diethylphthalate	10.128	149	633949	40.819	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	287761	43.216	ng	93
62) 4-Nitroaniline	10.269	138	144079	39.739	ng	97
63) Azobenzene	10.398	77	607825	38.008	ng	95
65) 4,6-Dinitro-2-methylph...	10.292	198	87524	42.385	ng	96
66) n-Nitrosodiphenylamine	10.357	169	512001	41.304	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	179006	43.743	ng	96
68) Hexachlorobenzene	10.780	284	201878	43.520	ng	91
69) Atrazine	10.886	200	171608	47.371	ng	98
70) Pentachlorophenol	10.980	266	223115	89.619	ng	98
71) Phenanthrene	11.198	178	840039	40.335	ng	99
72) Anthracene	11.251	178	855644	42.573	ng	99
73) Carbazole	11.404	167	769332	42.414	ng	99
74) Di-n-butylphthalate	11.745	149	944154	43.165	ng	99
75) Fluoranthene	12.380	202	841458	41.812	ng	98
77) Benzidine	12.510	184	528750	81.705	ng	99
78) Pyrene	12.610	202	832844	42.706	ng	99
80) Butylbenzylphthalate	13.233	149	338047	46.790	ng	99
81) Benzo(a)anthracene	13.792	228	621542	41.910	ng	100
82) 3,3'-Dichlorobenzidine	13.763	252	168908	41.840	ng	# 97
83) Chrysene	13.827	228	567032	40.268	ng	99
84) Bis(2-ethylhexyl)phtha...	13.792	149	414903	50.137	ng	99
85) Di-n-octyl phthalate	14.404	149	574781	45.411	ng	98
87) Indeno(1,2,3-cd)pyrene	16.509	276	565145	43.255	ng	99
88) Benzo(b)fluoranthene	14.798	252	518658	43.130	ng	99
89) Benzo(k)fluoranthene	14.827	252	516830	43.690	ng	100
90) Benzo(a)pyrene	15.133	252	446269	46.842	ng	98
91) Dibenzo(a,h)anthracene	16.527	278	490244	45.739	ng	99
92) Benzo(g,h,i)perylene	16.909	276	482432	44.682	ng	99

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

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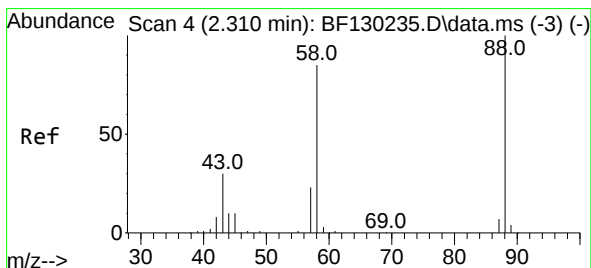
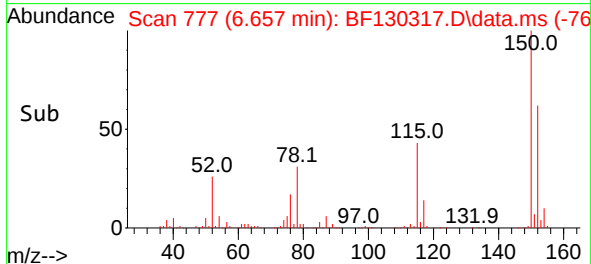
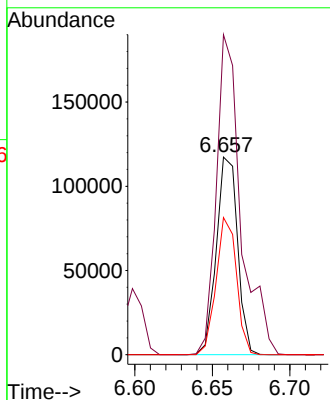
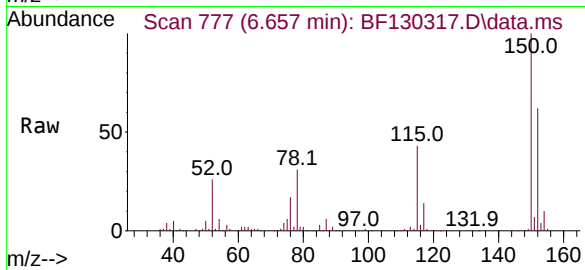




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130317.D
 Acq: 19 Sep 2022 12:51

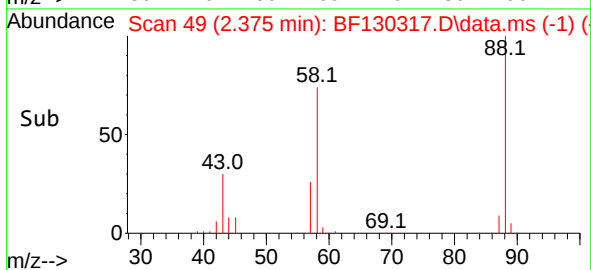
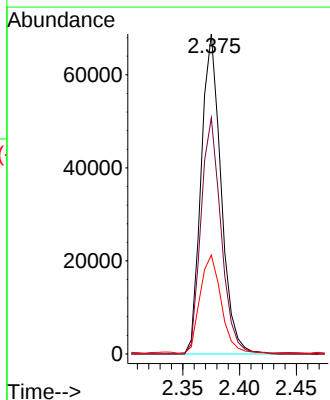
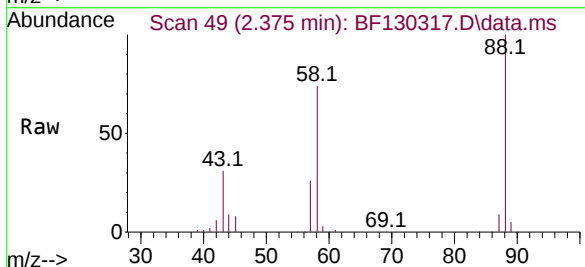
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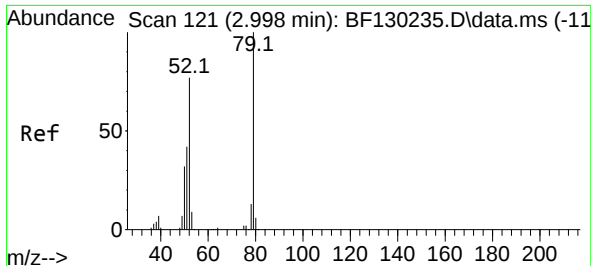
Tgt Ion:152 Resp: 111970
 Ion Ratio Lower Upper
 152 100
 150 161.9 122.8 184.2
 115 69.4 53.8 80.8



#2
 1,4-Dioxane
 Concen: 28.221 ng
 RT: 2.375 min Scan# 49
 Delta R.T. 0.088 min
 Lab File: BF130317.D
 Acq: 19 Sep 2022 12:51

Tgt Ion: 88 Resp: 83670
 Ion Ratio Lower Upper
 88 100
 58 74.8 61.3 91.9
 43 32.6 23.0 34.6





#3

Pyridine

Concen: 30.431 ng

RT: 3.052 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

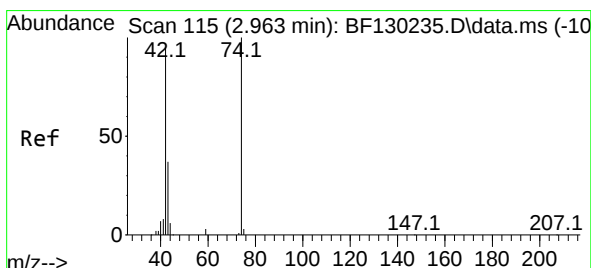
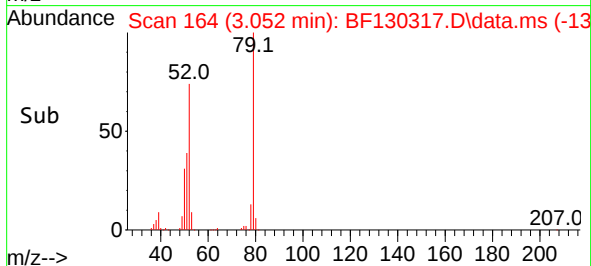
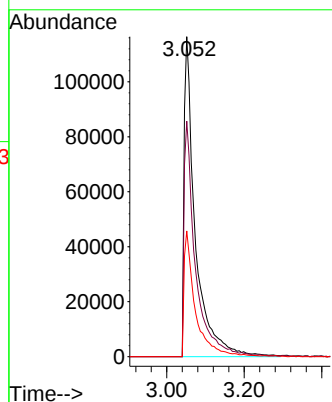
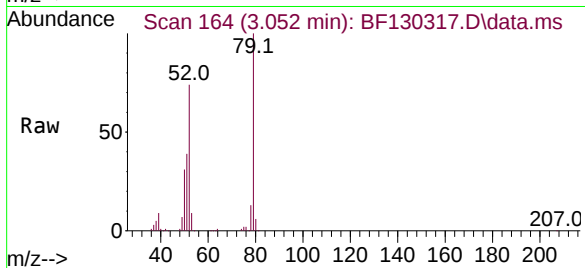
Tgt Ion: 79 Resp: 235353

Ion Ratio Lower Upper

79 100

52 73.6 62.4 93.6

51 39.3 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 36.016 ng

RT: 3.010 min Scan# 157

Delta R.T. 0.071 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

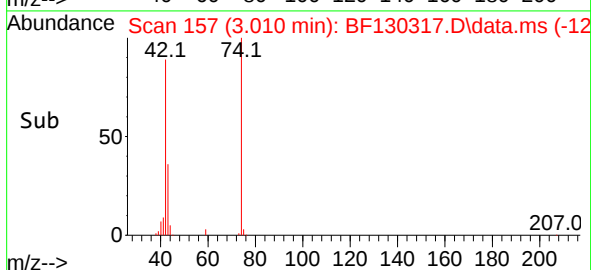
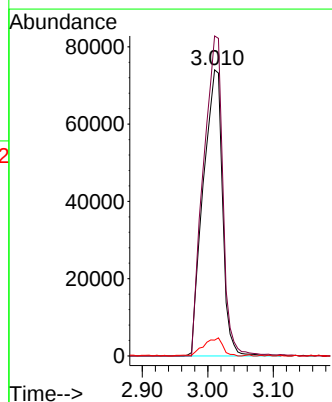
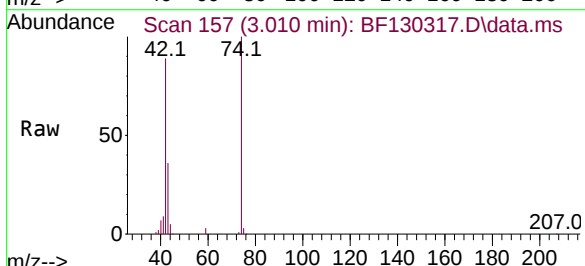
Tgt Ion: 42 Resp: 151498

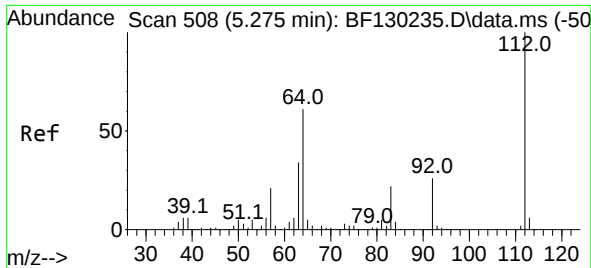
Ion Ratio Lower Upper

42 100

74 111.8 88.4 132.6

44 5.6 5.0 7.4

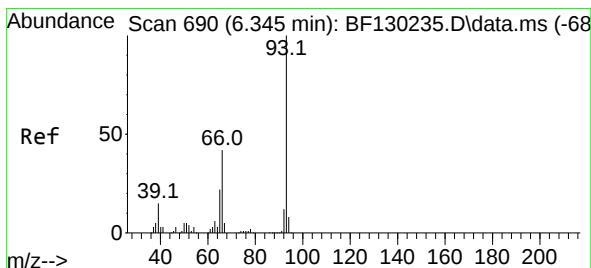
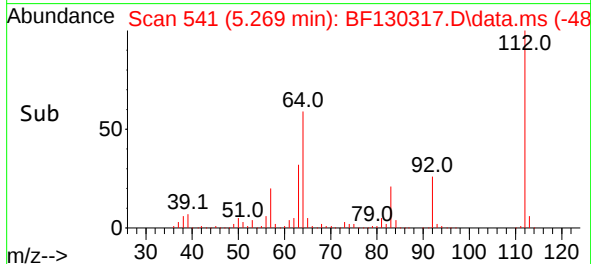
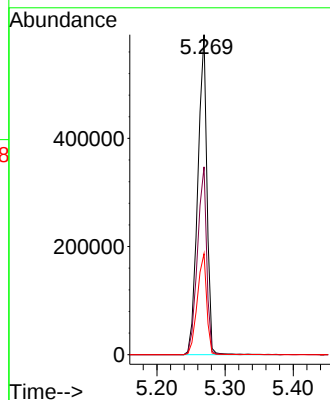
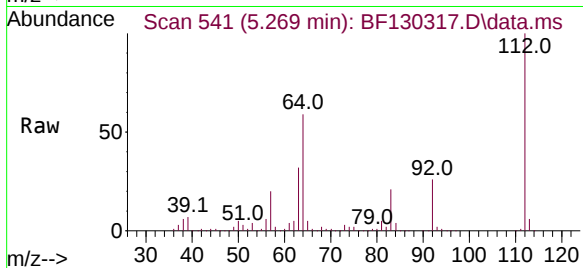




#5
2-Fluorophenol
Concen: 85.450 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

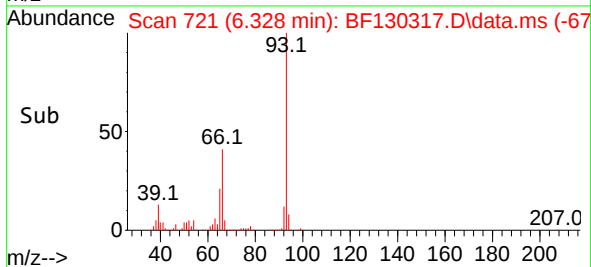
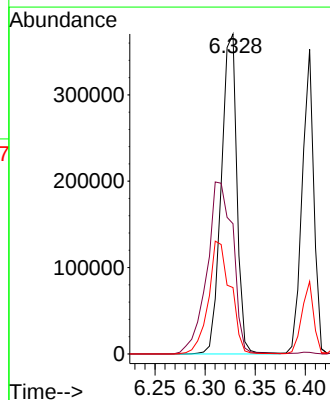
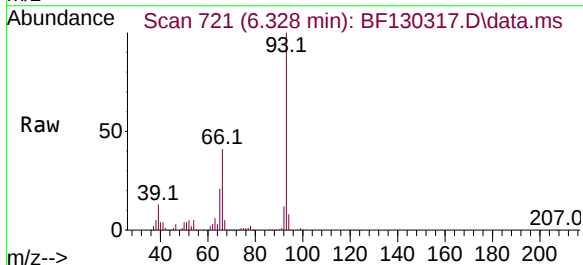
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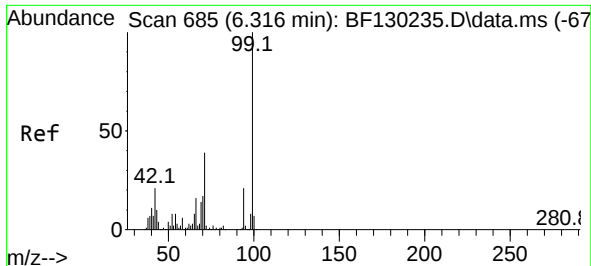
Tgt Ion:112 Resp: 551631
Ion Ratio Lower Upper
112 100
64 58.7 51.4 77.0
63 31.6 28.8 43.2



#6
Aniline
Concen: 40.286 ng
RT: 6.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion: 93 Resp: 400949
Ion Ratio Lower Upper
93 100
66 40.7 34.2 51.4
65 20.8 16.6 24.8

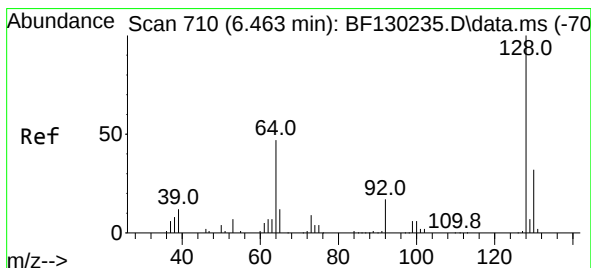
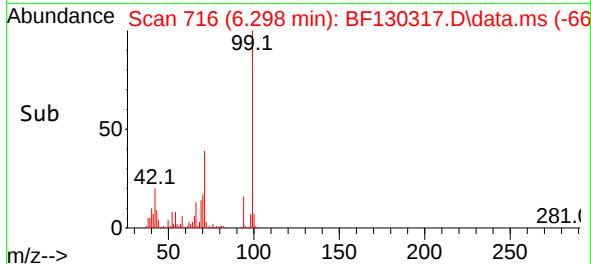
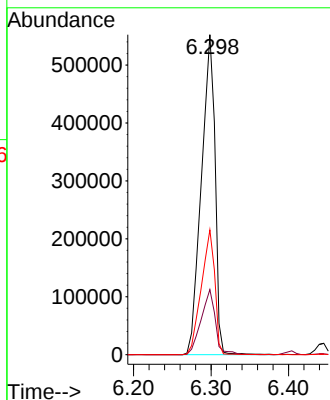
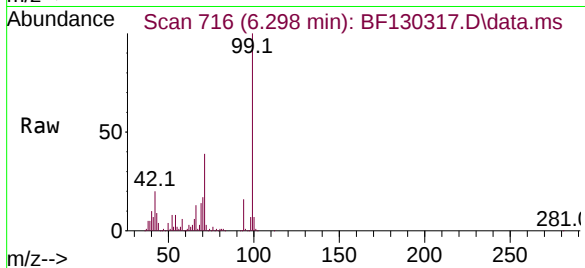




#7
Phenol-d6
Concen: 83.860 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

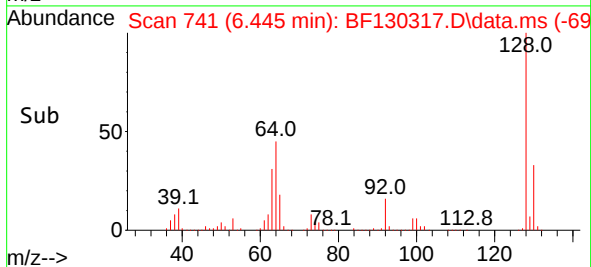
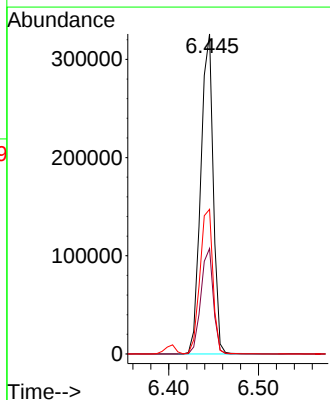
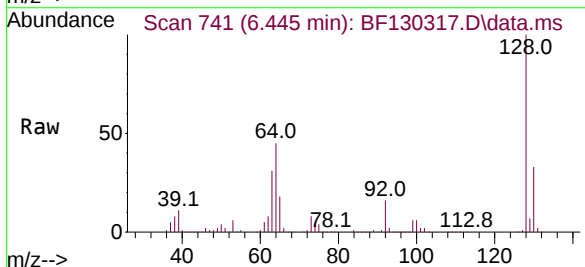
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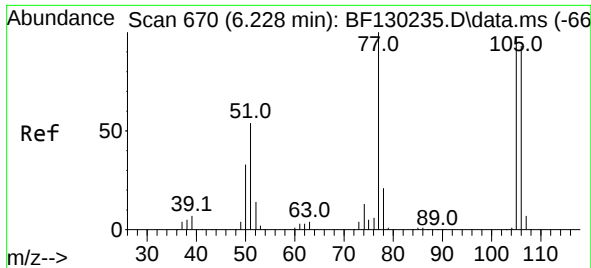
Tgt Ion: 99 Resp: 677371
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 39.0 32.3 48.5



#8
2-Chlorophenol
Concen: 42.779 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion: 128 Resp: 314589
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 45.2 31.6 71.6

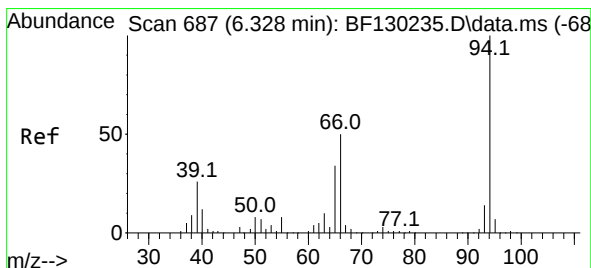
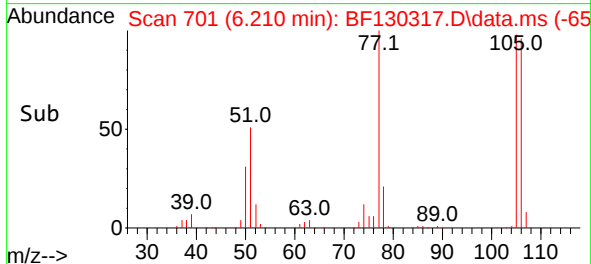
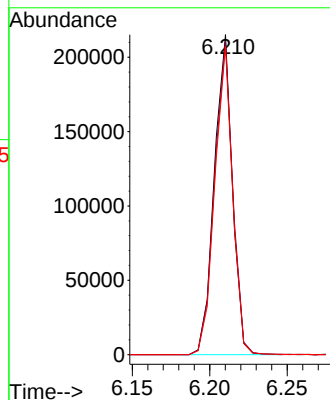
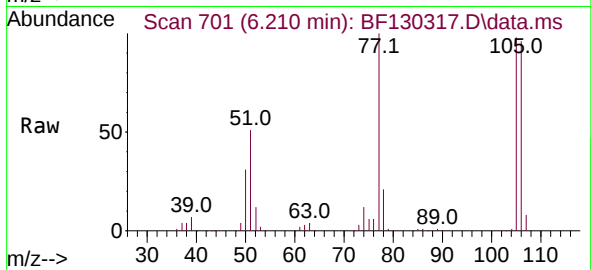




#9
Benzaldehyde
Concen: 32.243 ng
RT: 6.210 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

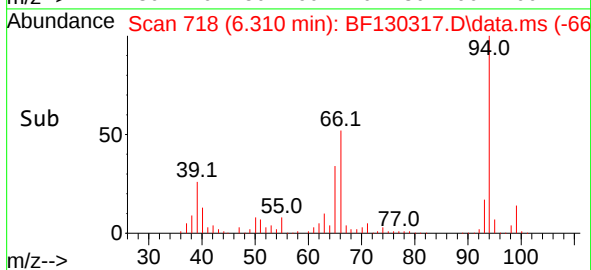
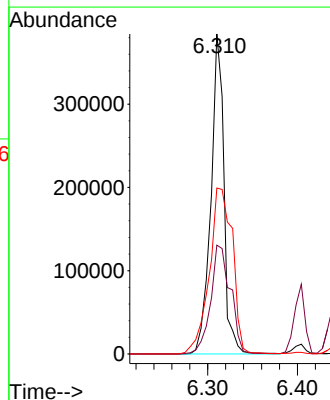
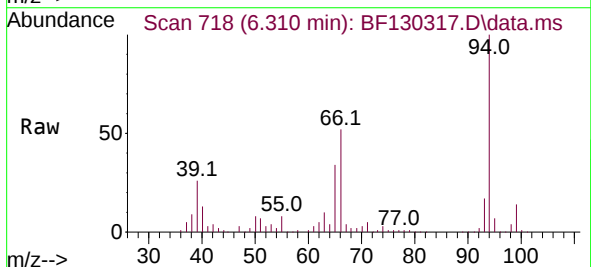
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BNA_F
ClientSampleId :
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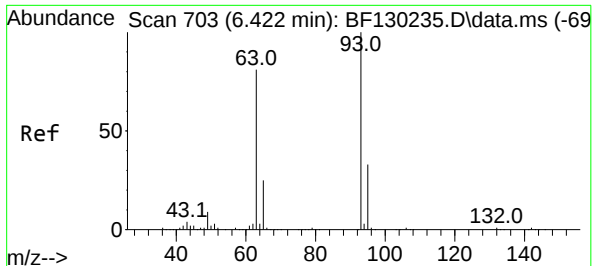
Tgt Ion: 77 Resp: 174456
Ion Ratio Lower Upper
77 100
105 97.9 75.1 115.1
106 96.5 69.7 109.7



#10
Phenol
Concen: 41.063 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion: 94 Resp: 388703
Ion Ratio Lower Upper
94 100
65 34.0 14.1 54.1
66 51.8 28.1 68.1

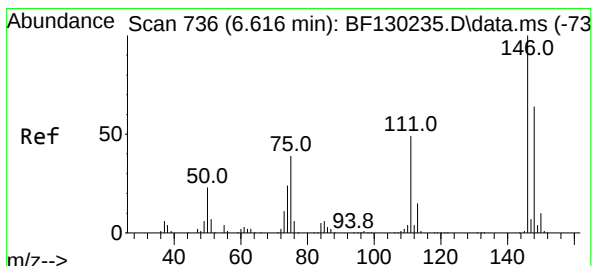
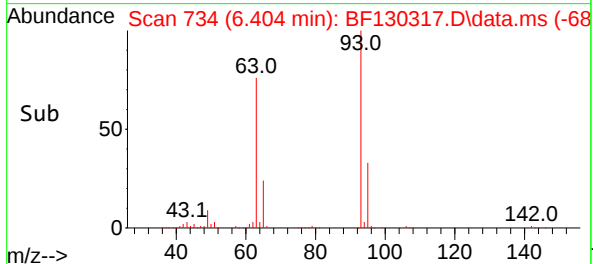
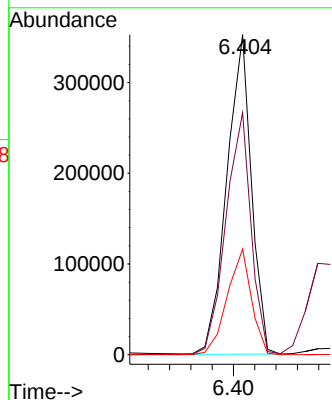
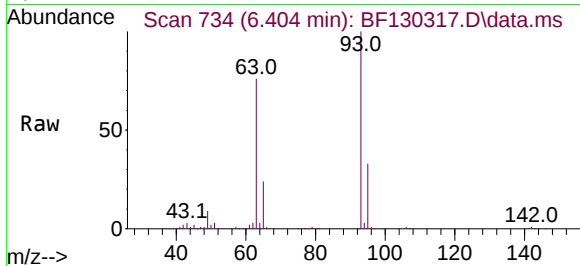




#11
bis(2-Chloroethyl)ether
Concen: 41.333 ng
RT: 6.404 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

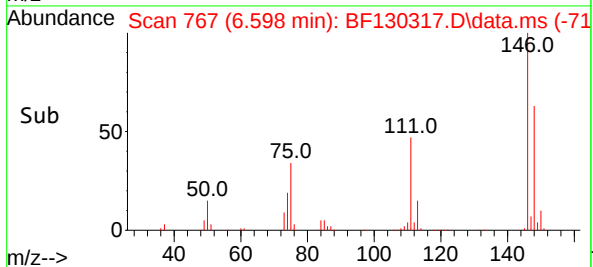
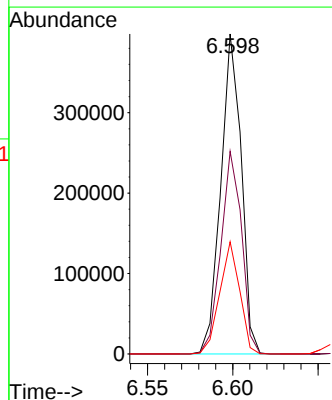
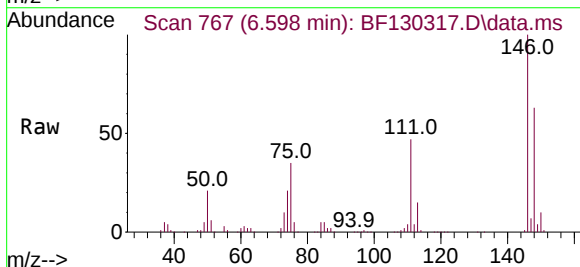
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

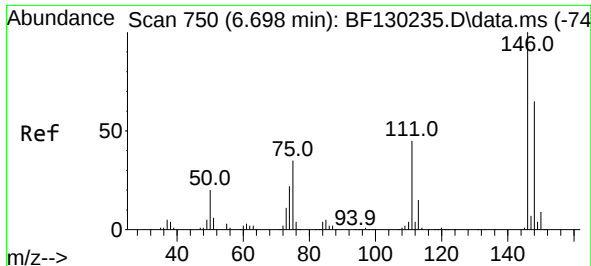
Tgt Ion: 93 Resp: 282208
Ion Ratio Lower Upper
93 100
63 75.7 62.5 102.5
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.145 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:146 Resp: 332929
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
75 35.1 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 41.550 ng

RT: 6.681 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

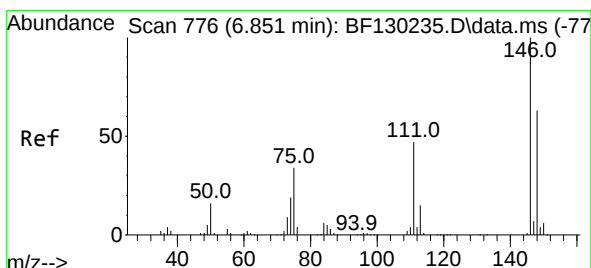
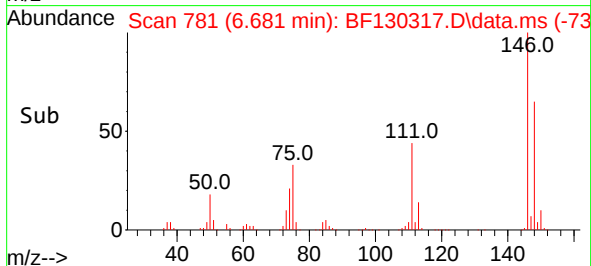
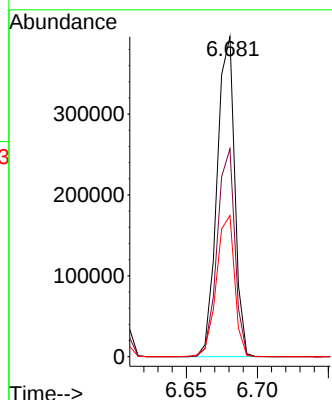
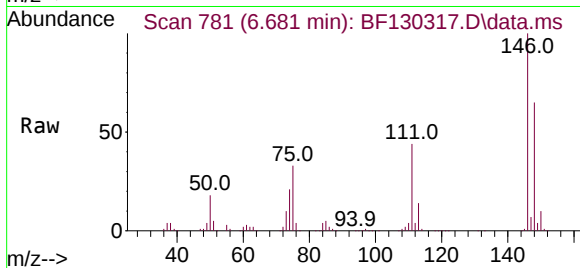
Tgt Ion:146 Resp: 342847

Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

111 44.1 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 41.824 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

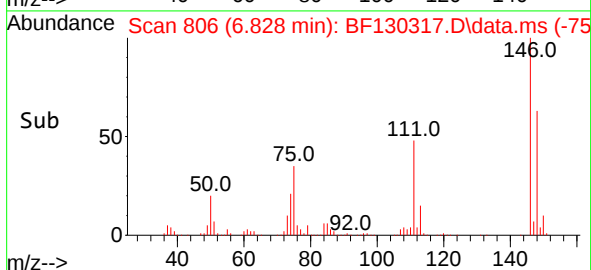
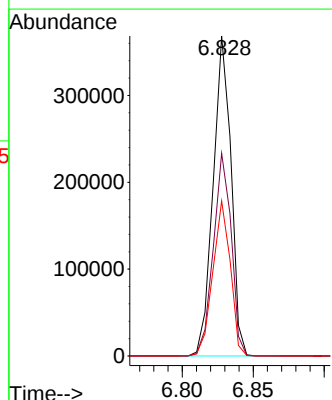
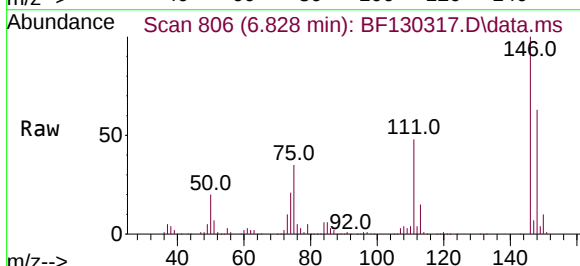
Tgt Ion:146 Resp: 322390

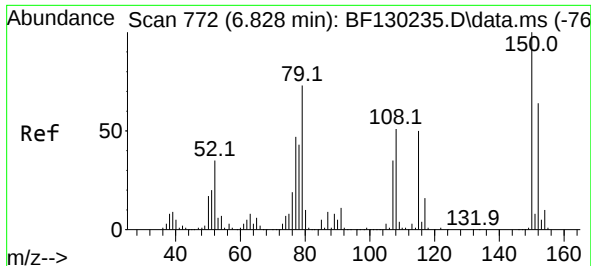
Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

111 48.4 39.2 58.8





#15

Benzyl Alcohol

Concen: 41.043 ng

RT: 6.810 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

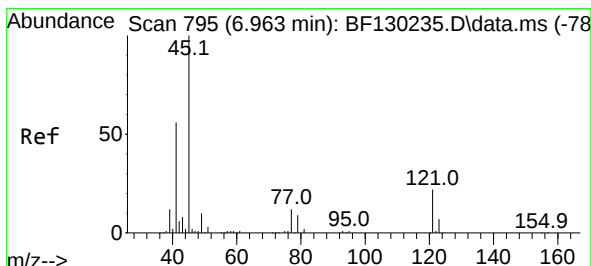
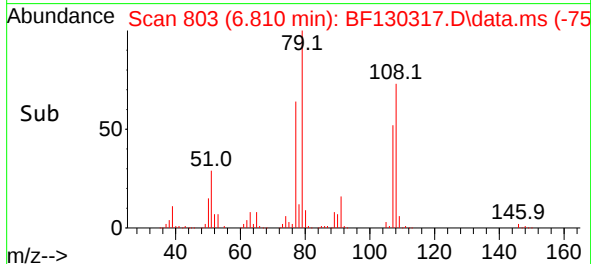
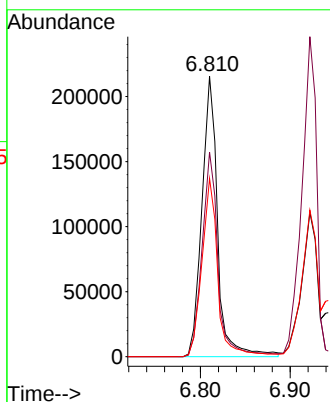
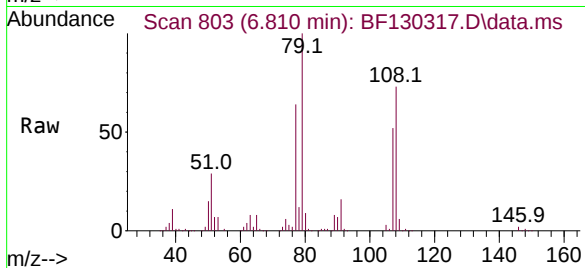
Tgt Ion: 79 Resp: 262850

Ion Ratio Lower Upper

79 100

108 73.0 54.0 81.0

77 63.6 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.485 ng

RT: 6.940 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

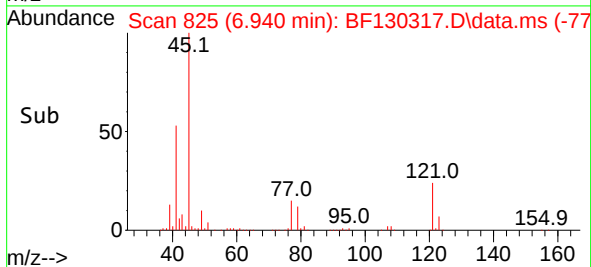
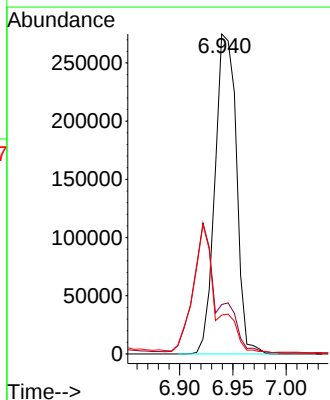
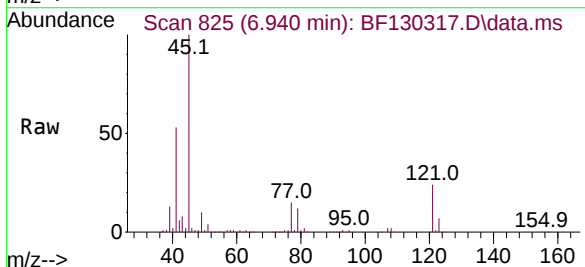
Tgt Ion: 45 Resp: 383245

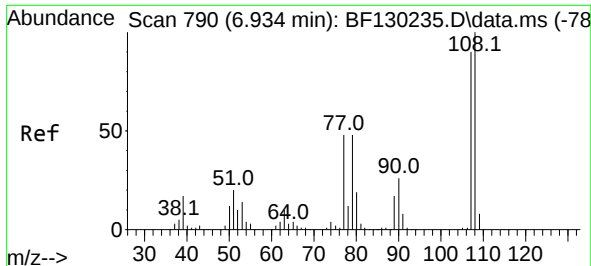
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.9

79 12.1 0.0 31.0

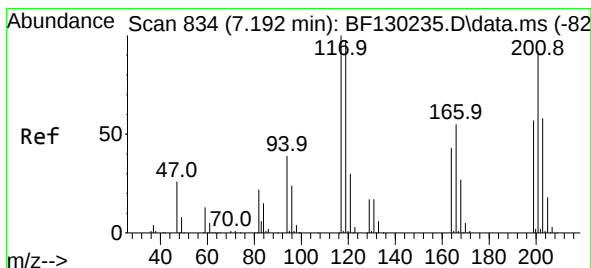
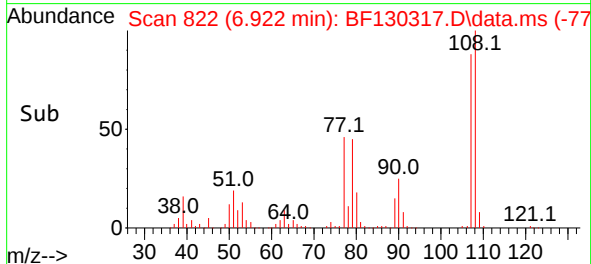
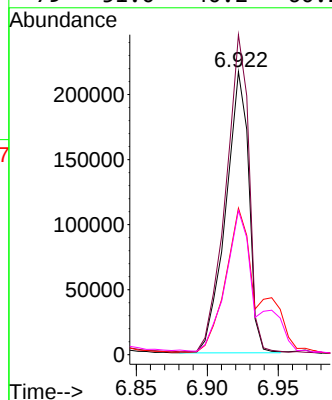
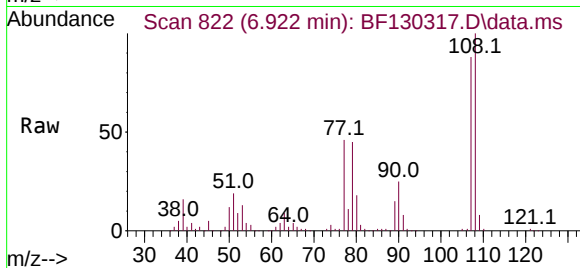




#17
2-Methylphenol
Concen: 40.842 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

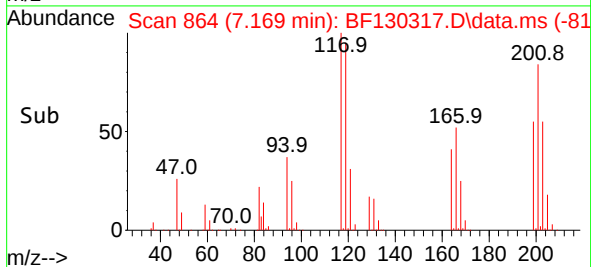
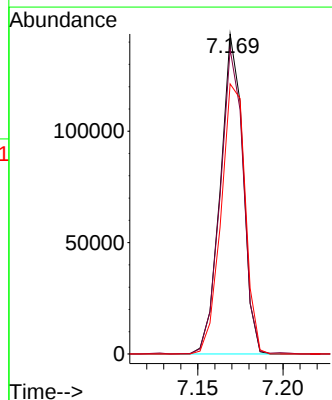
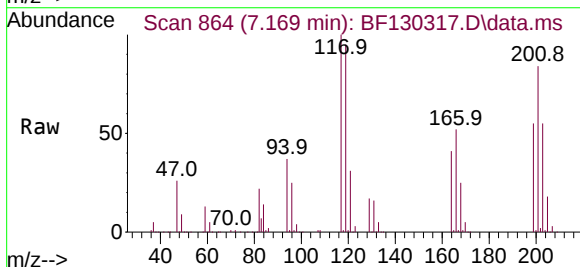
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

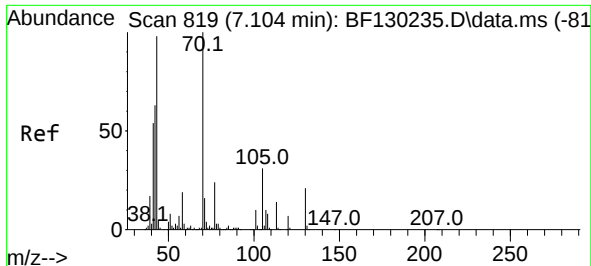
Tgt Ion:	107	Resp:	244152
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.0
77	51.8	40.6	60.8
79	51.0	40.2	60.2



#18
Hexachloroethane
Concen: 40.716 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:	117	Resp:	132433
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.6
201	84.4	68.7	103.1



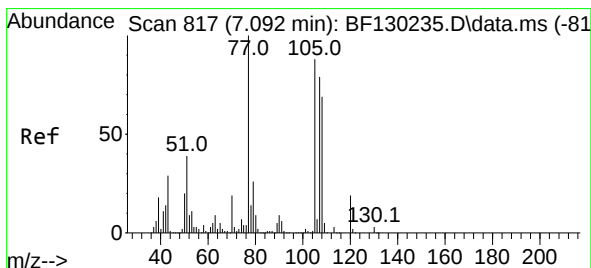
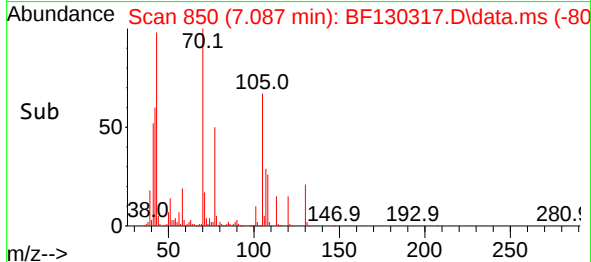
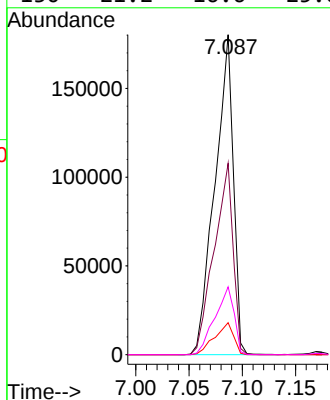
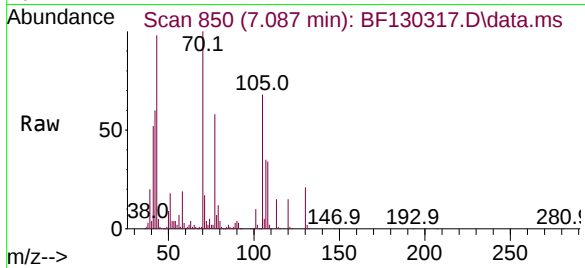


#19
n-Nitroso-di-n-propylamine
Concen: 39.807 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB147728BSD

Tgt Ion: 70 Resp: 216965

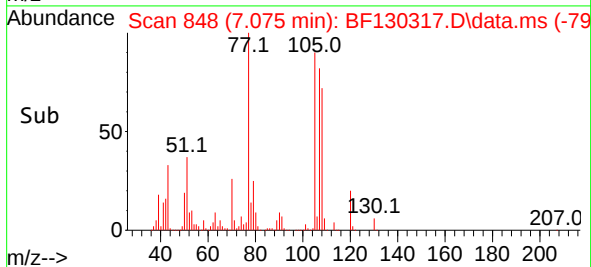
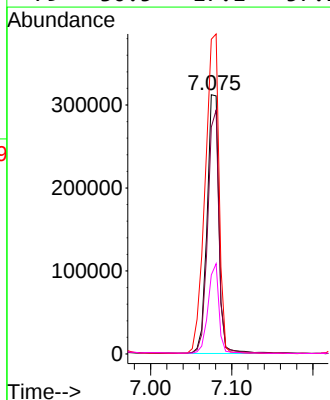
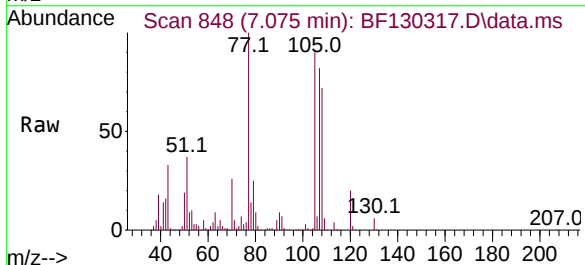
Ion	Ratio	Lower	Upper
70	100		
42	59.8	50.8	76.2
101	10.0	8.2	12.4
130	21.2	16.6	25.0

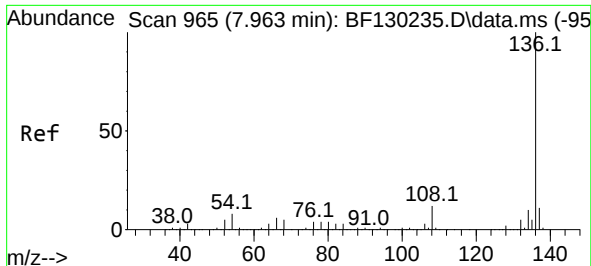


#20
3+4-Methylphenols
Concen: 40.410 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion: 107 Resp: 313810

Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.8	114.8
77	121.5	125.8	165.8#
79	30.5	17.1	57.1

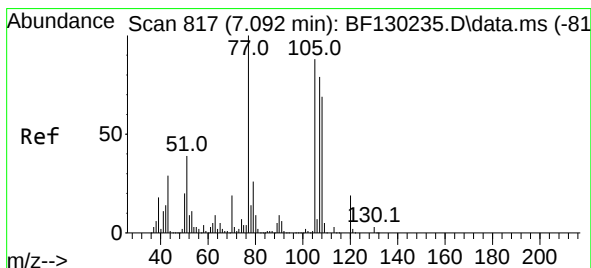
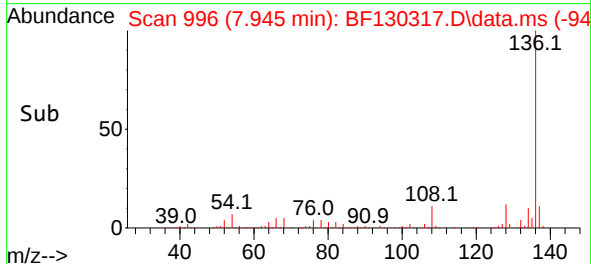
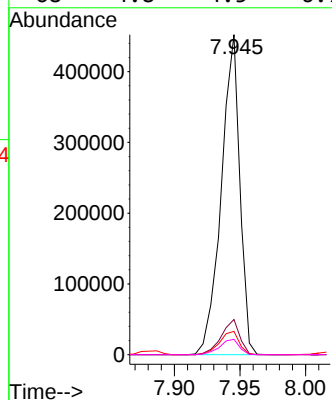
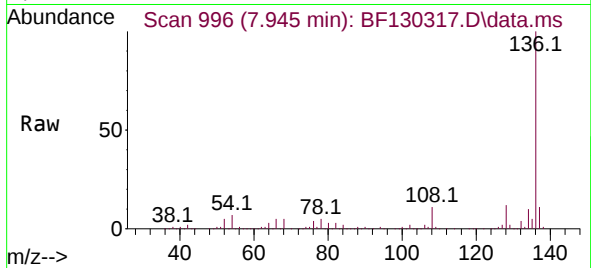




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

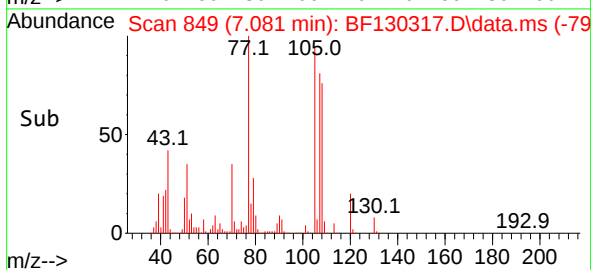
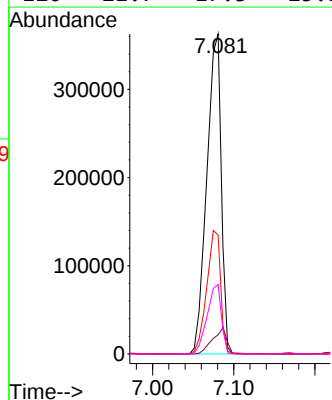
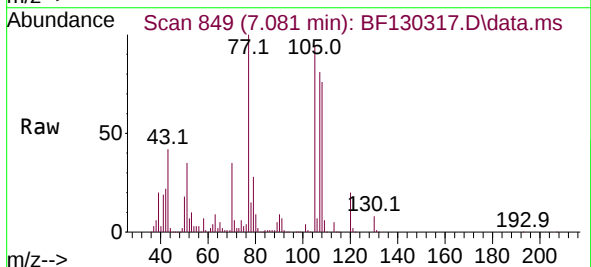
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

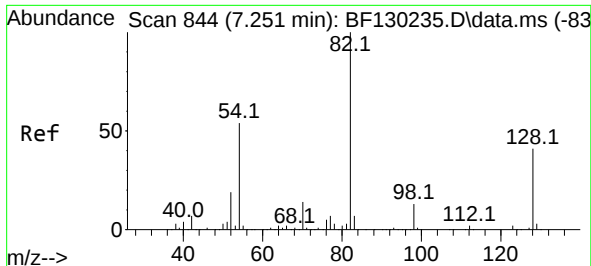
Tgt Ion:136 Resp: 443518
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.1 10.7
68 4.8 4.5 6.7



#22
Acetophenone
Concen: 41.206 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:105 Resp: 446810
Ion Ratio Lower Upper
105 100
71 6.0 3.9 5.9#
51 37.2 32.2 48.2
120 21.7 17.3 25.9

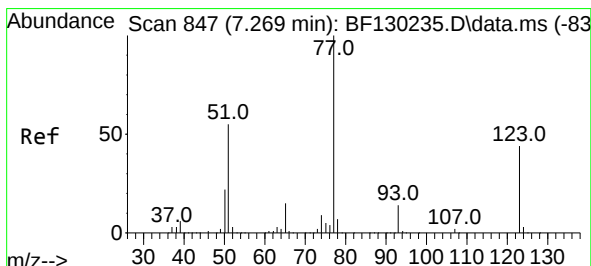
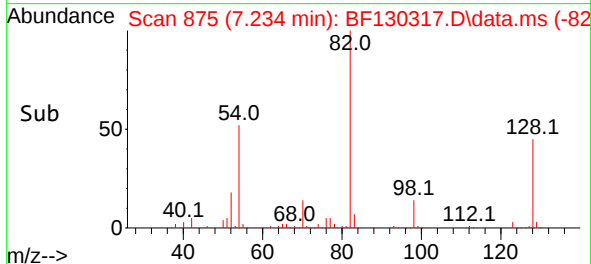
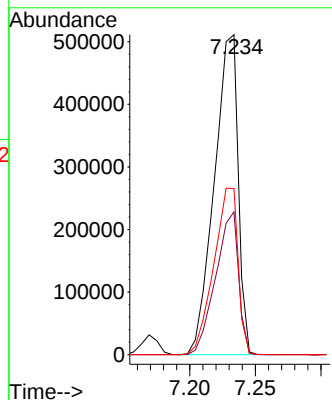
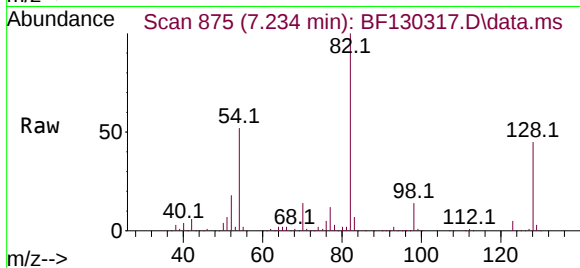




#23
Nitrobenzene-d5
Concen: 74.466 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

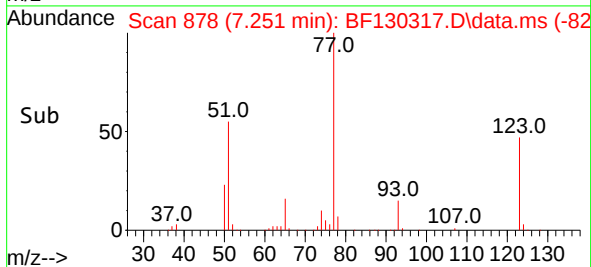
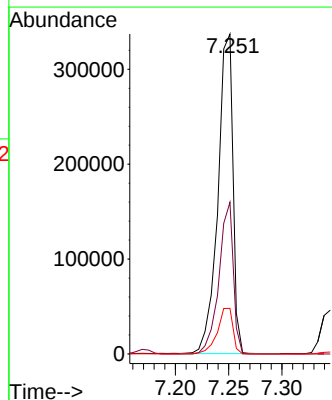
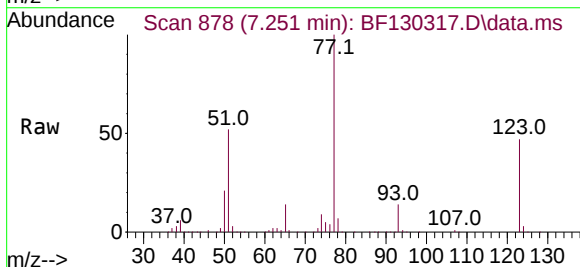
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

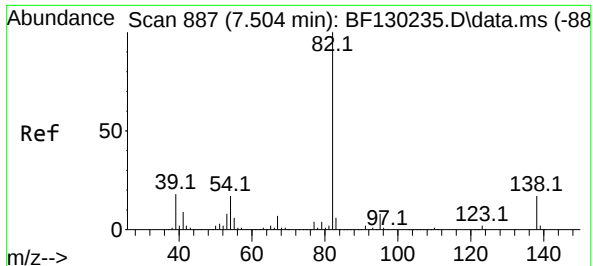
Tgt Ion: 82 Resp: 646470
Ion Ratio Lower Upper
82 100
128 44.6 32.6 49.0
54 51.9 43.8 65.6



#24
Nitrobenzene
Concen: 37.641 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion: 77 Resp: 331808
Ion Ratio Lower Upper
77 100
123 47.4 34.3 51.5
65 14.3 12.0 18.0

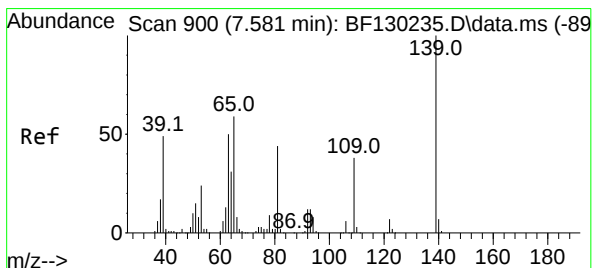
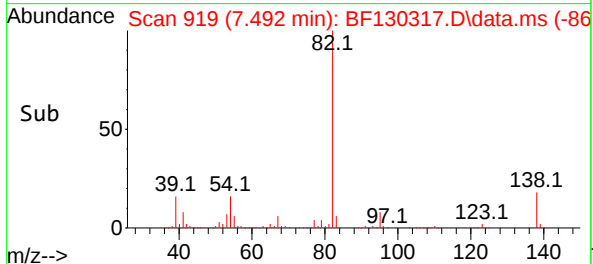
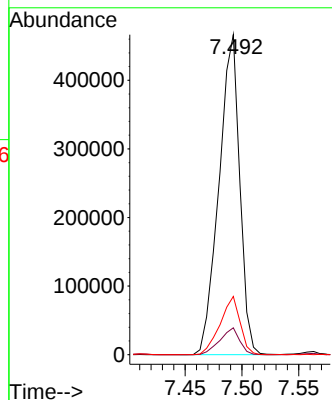
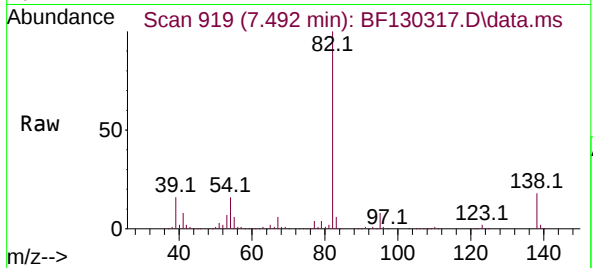




#25
Isophorone
Concen: 42.437 ng
RT: 7.492 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

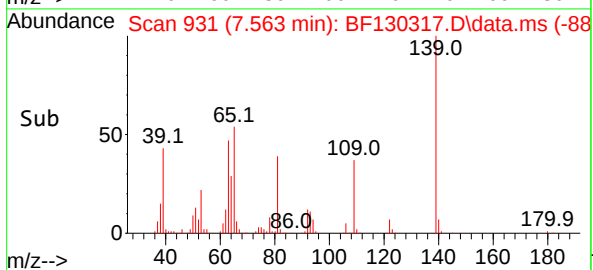
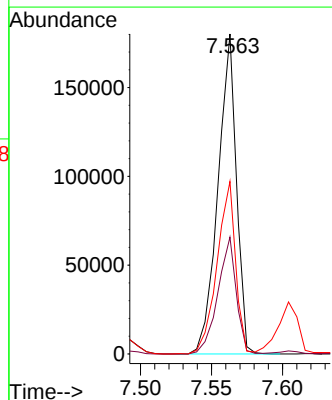
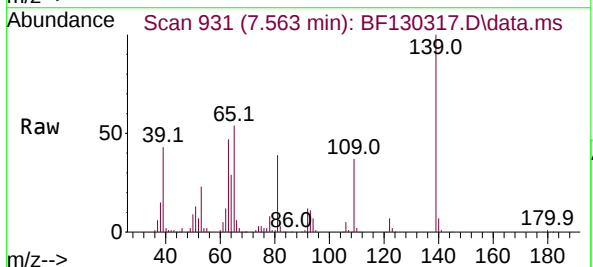
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

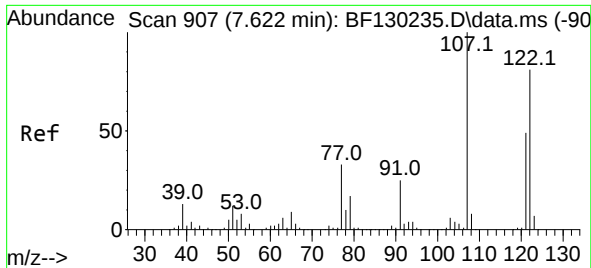
Tgt Ion: 82 Resp: 593793
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 18.2 13.8 20.6



#26
2-Nitrophenol
Concen: 45.043 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:139 Resp: 162766
Ion Ratio Lower Upper
139 100
109 36.5 30.2 45.4
65 53.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 48.150 ng

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

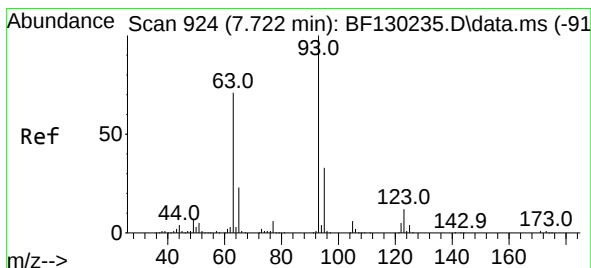
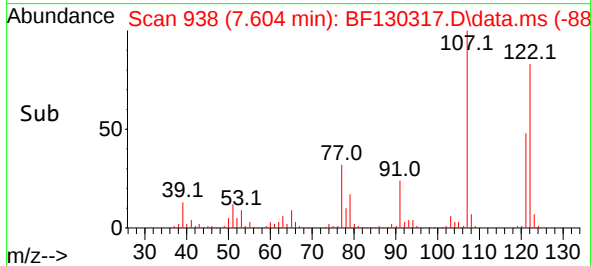
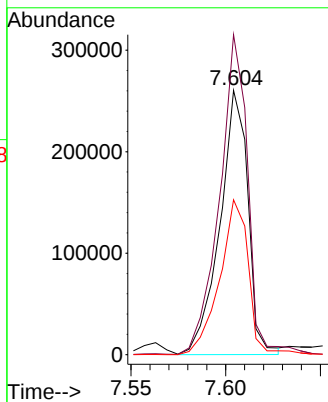
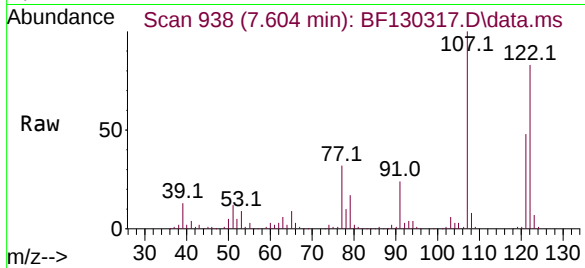
Tgt Ion:122 Resp: 267906

Ion Ratio Lower Upper

122 100

107 121.1 100.2 150.2

121 58.6 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.412 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

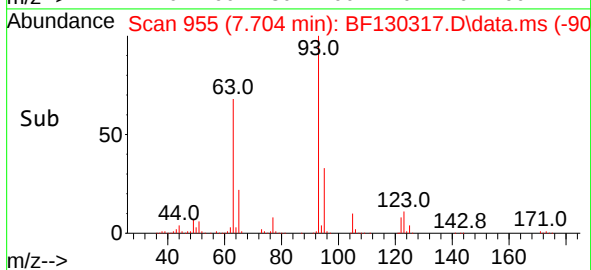
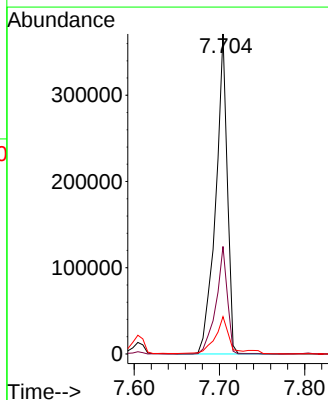
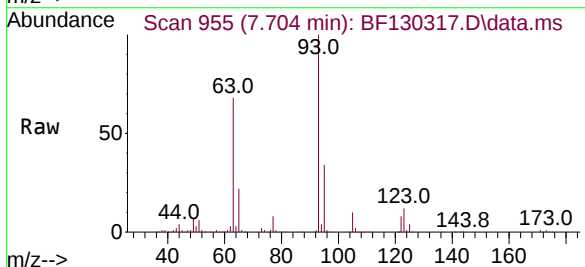
Tgt Ion: 93 Resp: 349918

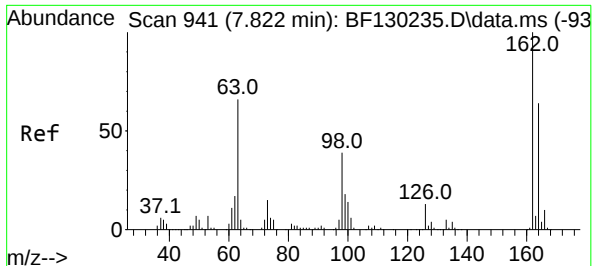
Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

123 11.7 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 42.002 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

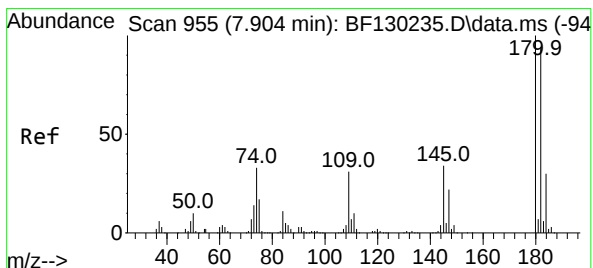
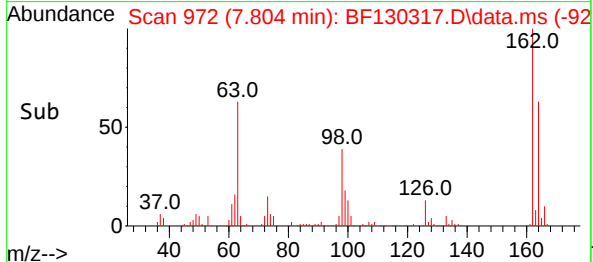
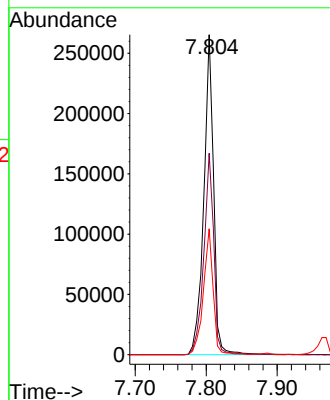
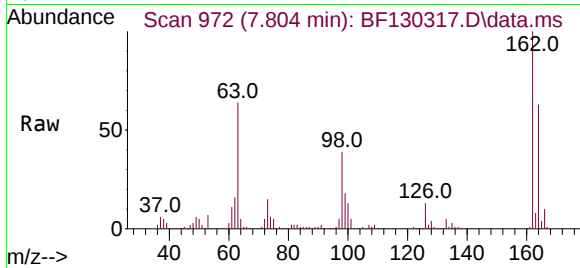
Tgt Ion:162 Resp: 256097

Ion Ratio Lower Upper

162 100

164 62.9 42.2 82.2

98 39.4 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 40.346 ng

RT: 7.887 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

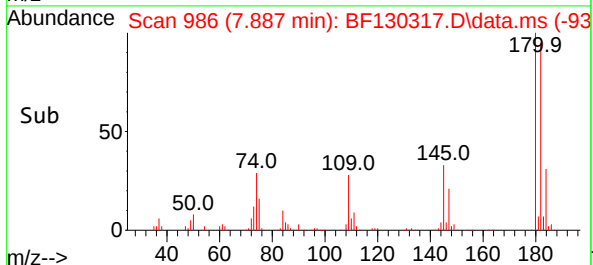
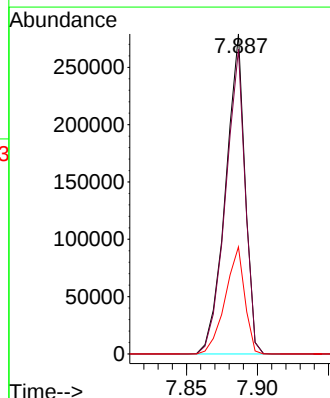
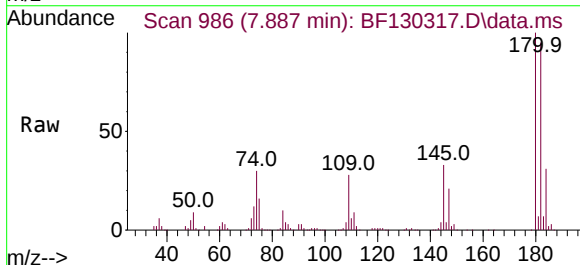
Tgt Ion:180 Resp: 265962

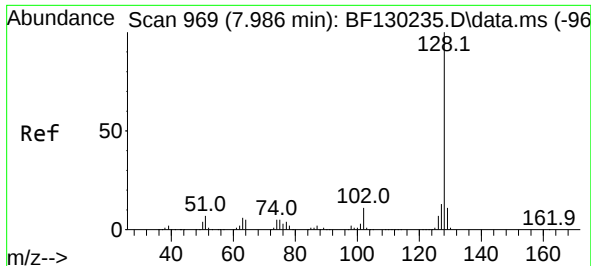
Ion Ratio Lower Upper

180 100

182 95.2 73.3 109.9

145 33.5 28.3 42.5

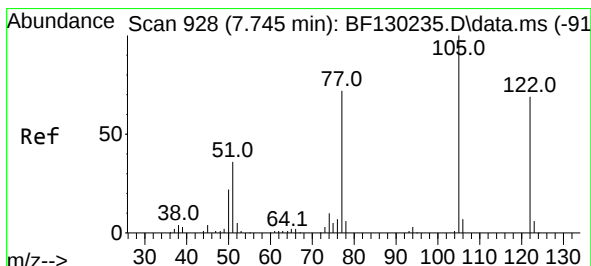
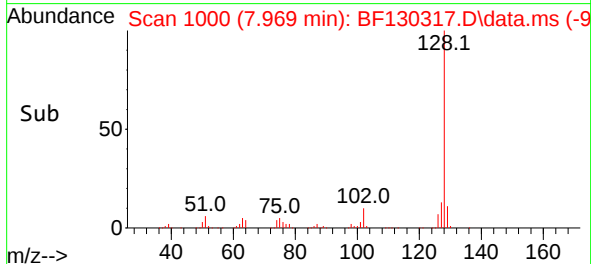
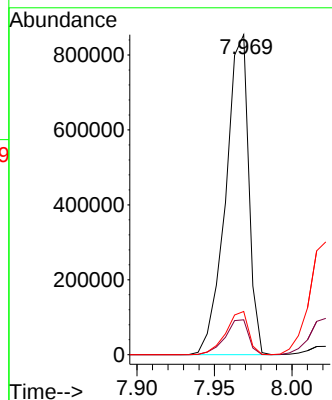
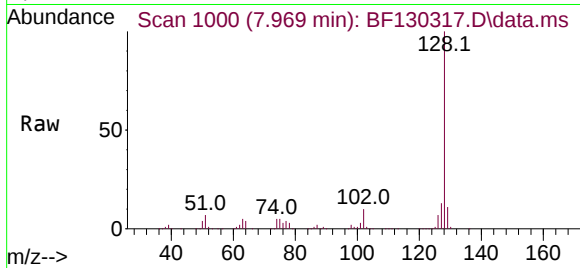




#31
Naphthalene
Concen: 38.582 ng
RT: 7.969 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

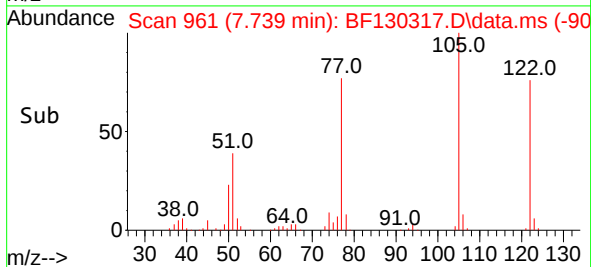
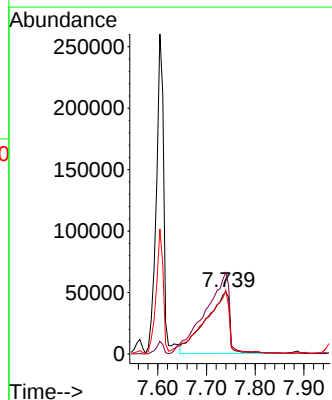
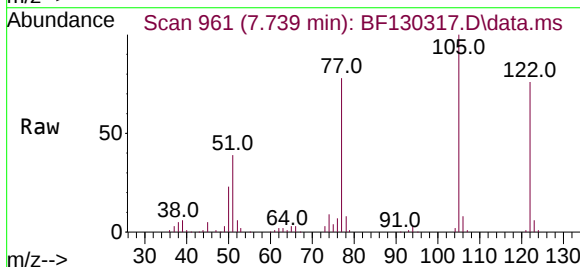
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

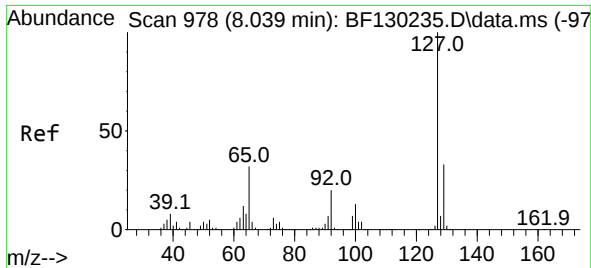
Tgt Ion:128 Resp: 881576
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 40.332 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:122 Resp: 173538
Ion Ratio Lower Upper
122 100
105 131.5 112.9 152.9
77 102.5 82.8 122.8

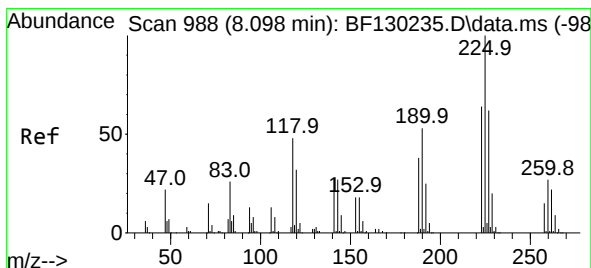
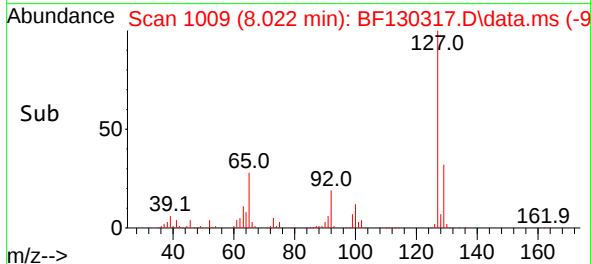
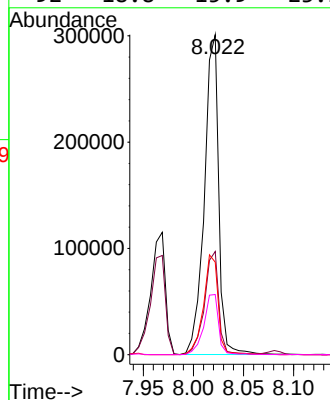
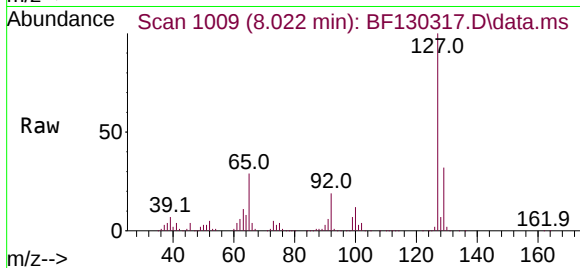




#33
4-Chloroaniline
Concen: 34.733 ng
RT: 8.022 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

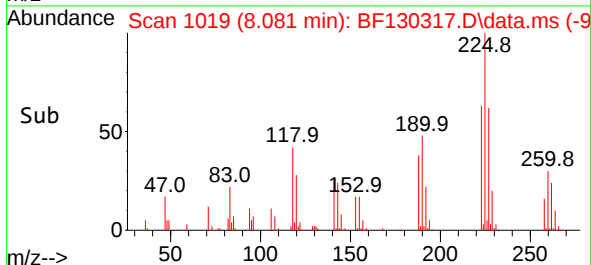
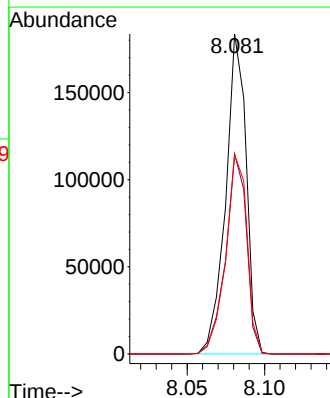
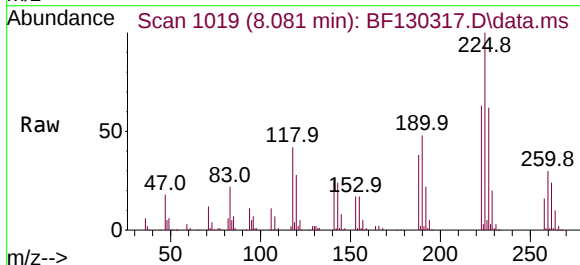
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

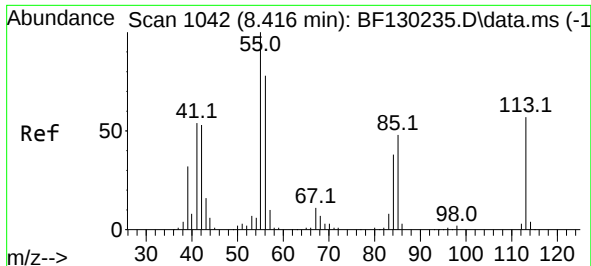
Tgt Ion:	127	Resp:	301840
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.6	38.4
65	28.9	27.0	40.6
92	18.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.162 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:	225	Resp:	169199
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.3	75.5
227	62.3	51.1	76.7





#35

Caprolactam

Concen: 24.202 ng

RT: 8.398 min Scan# 1091

Delta R.T. -0.006 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

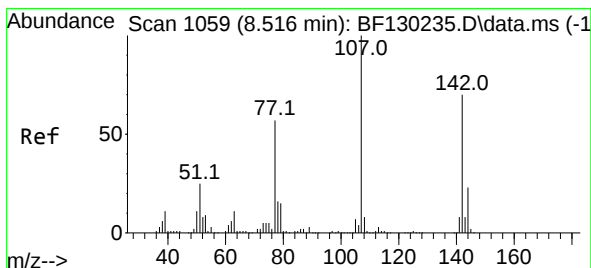
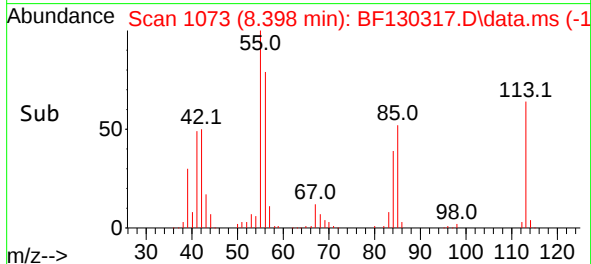
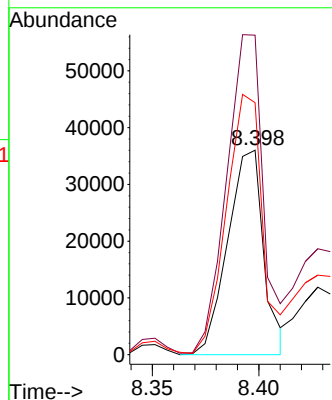
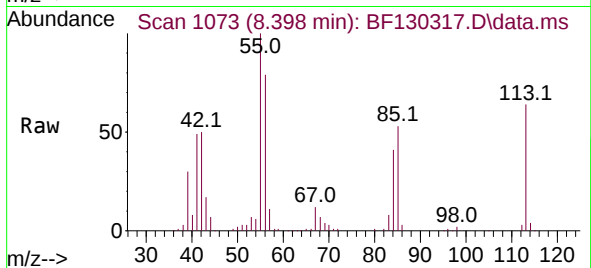
Tgt Ion:113 Resp: 42304

Ion Ratio Lower Upper

113 100

55 156.3 155.4 195.4

56 123.3 120.4 160.4



#36

4-Chloro-3-methylphenol

Concen: 41.892 ng

RT: 8.504 min Scan# 1091

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

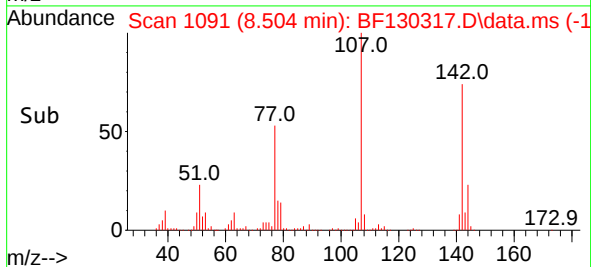
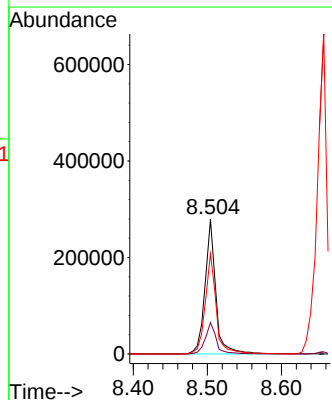
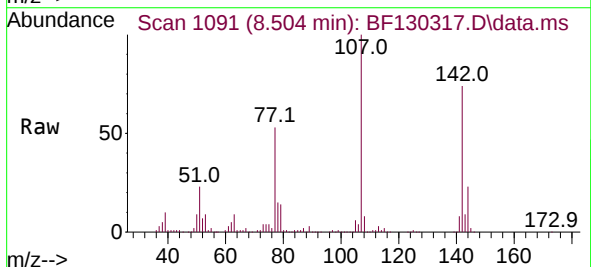
Tgt Ion:107 Resp: 283119

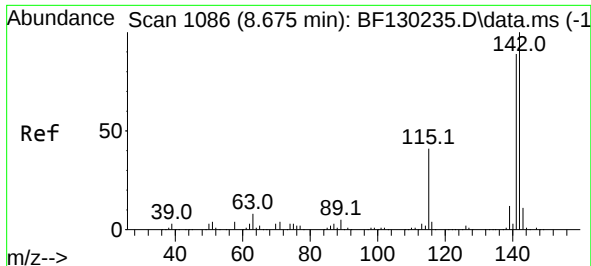
Ion Ratio Lower Upper

107 100

144 23.4 20.0 30.0

142 74.4 61.3 91.9

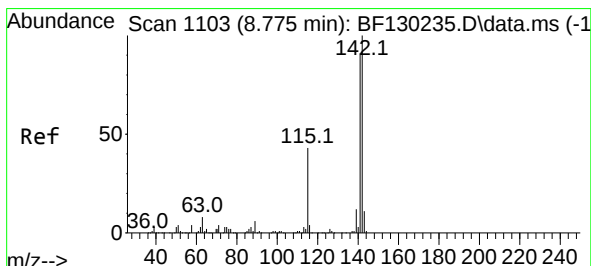
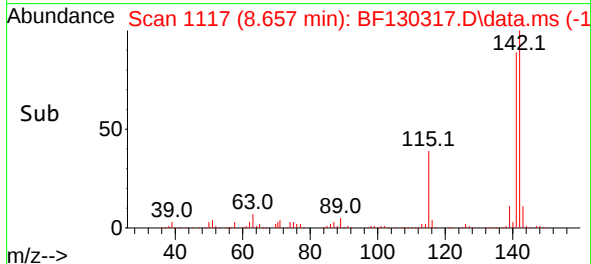
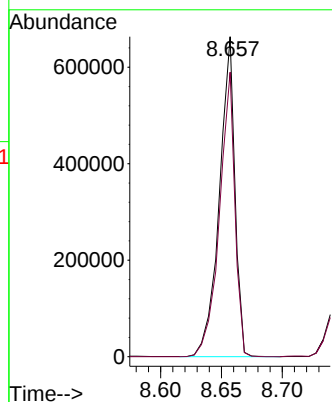
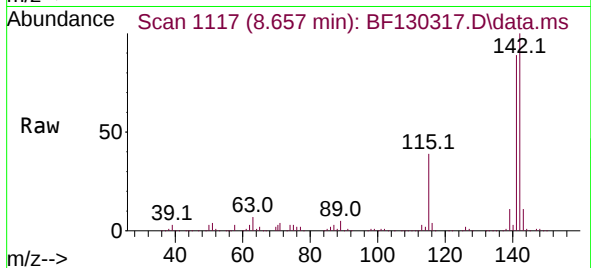




#37
2-Methylnaphthalene
Concen: 40.439 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

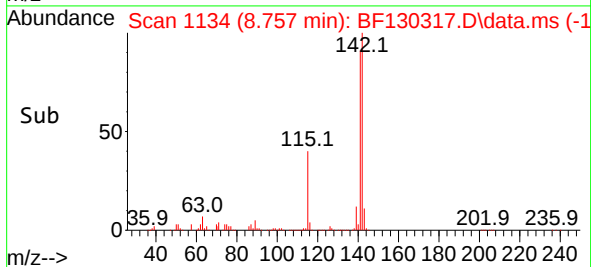
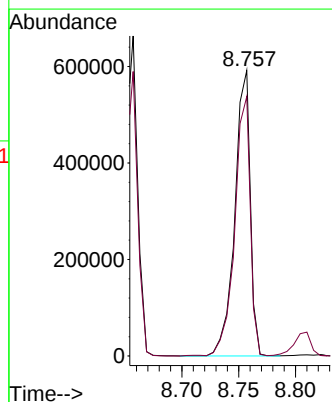
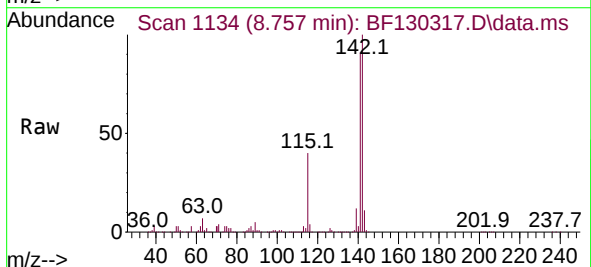
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

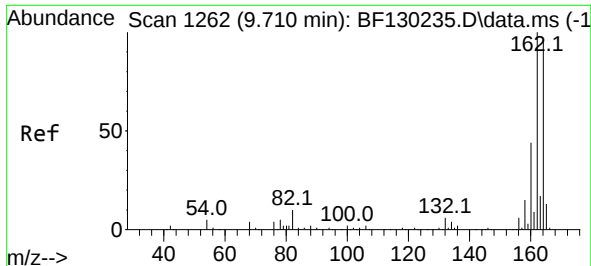
Tgt Ion:142 Resp: 589145
Ion Ratio Lower Upper
142 100
141 88.9 70.0 105.0



#38
1-Methylnaphthalene
Concen: 39.930 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:142 Resp: 558837
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.8

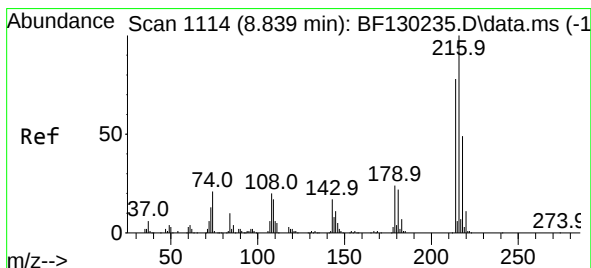
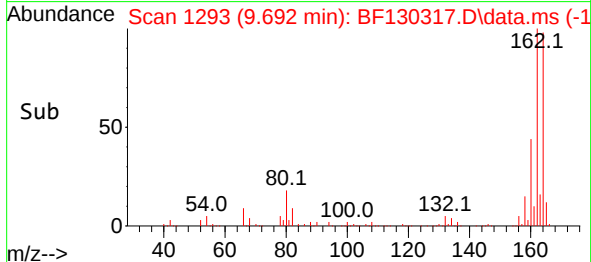
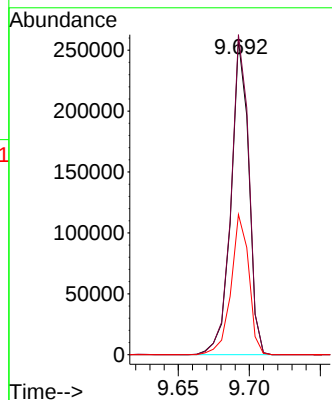
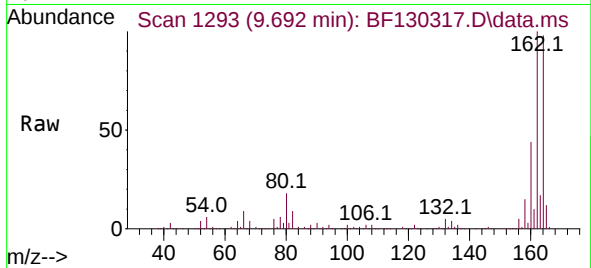




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

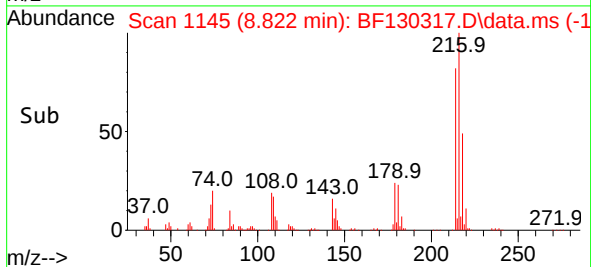
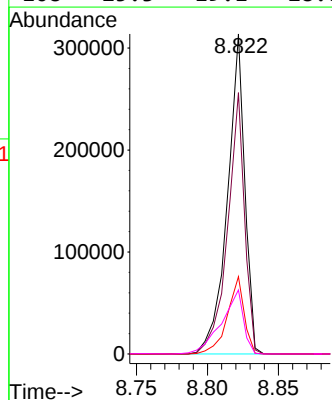
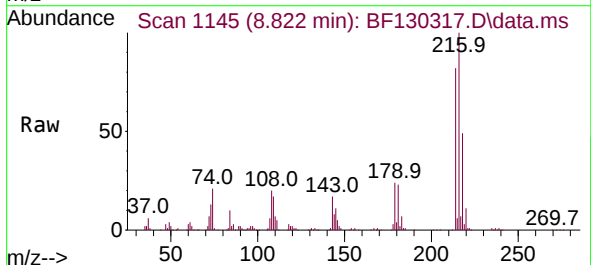
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

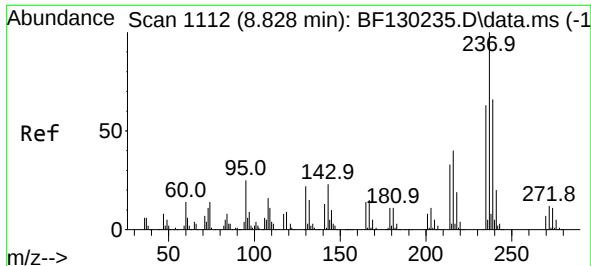
Tgt Ion:164 Resp: 224206
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.674 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:216 Resp: 267229
Ion Ratio Lower Upper
216 100
214 79.5 62.8 94.2
179 23.4 19.5 29.3
108 25.3 19.1 28.7

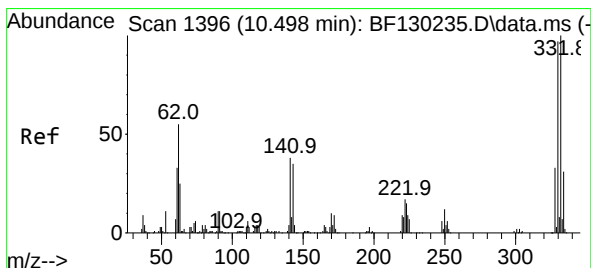
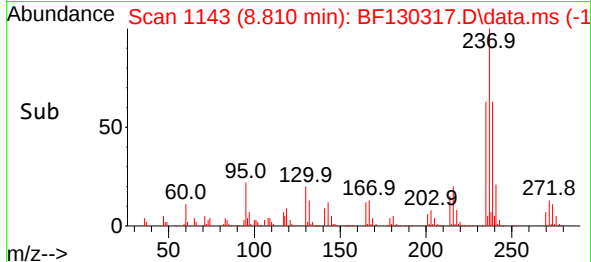
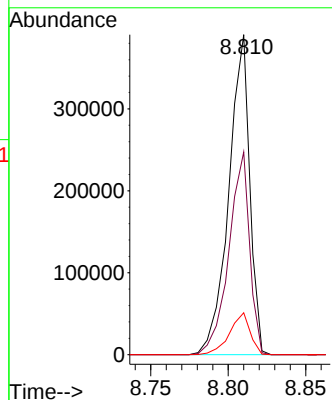
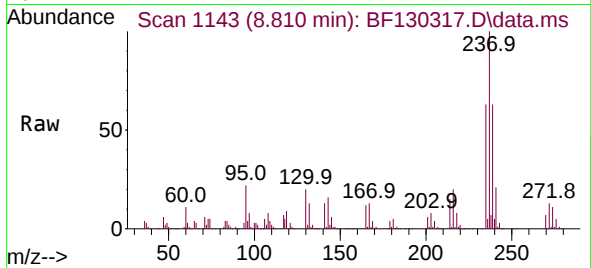




#41
Hexachlorocyclopentadiene
Concen: 112.053 ng
RT: 8.810 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

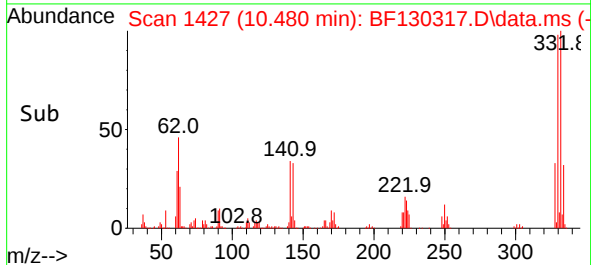
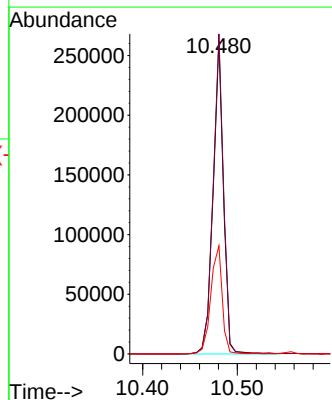
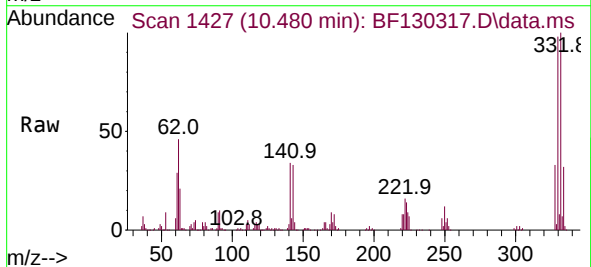
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

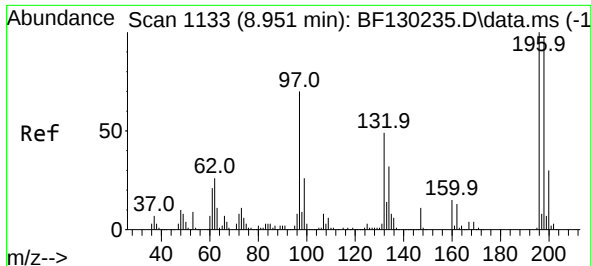
Tgt Ion:237 Resp: 367073
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 13.1 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 92.993 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:330 Resp: 199779
Ion Ratio Lower Upper
330 100
332 103.0 83.4 125.2
141 37.9 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 42.413 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

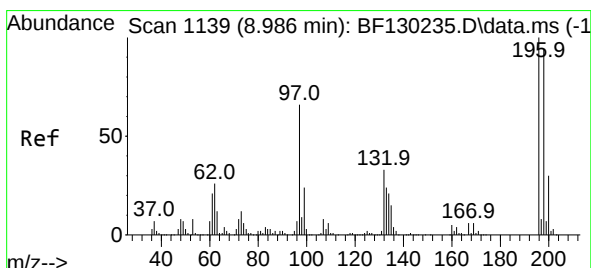
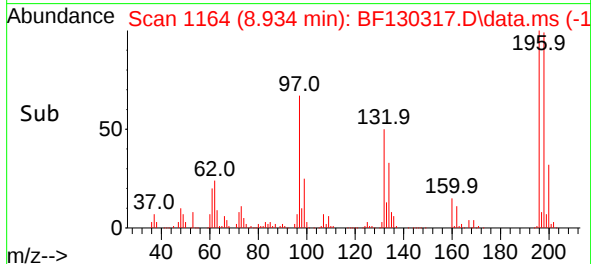
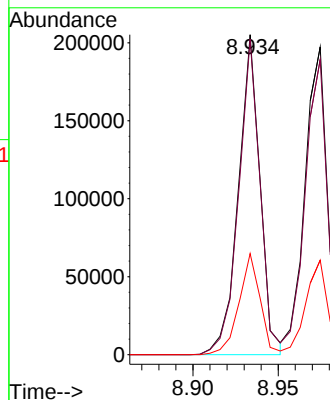
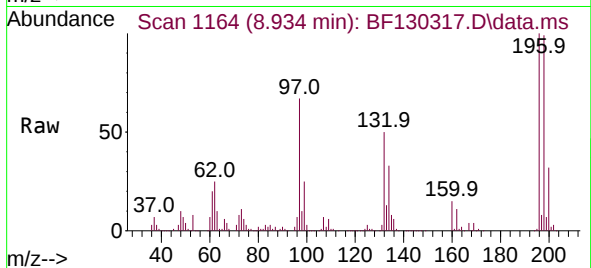
Tgt Ion:196 Resp: 181118

Ion Ratio Lower Upper

196 100

198 98.7 72.4 108.6

200 31.6 23.8 35.6



#44

2,4,5-Trichlorophenol

Concen: 41.910 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Tgt Ion:196 Resp: 193127

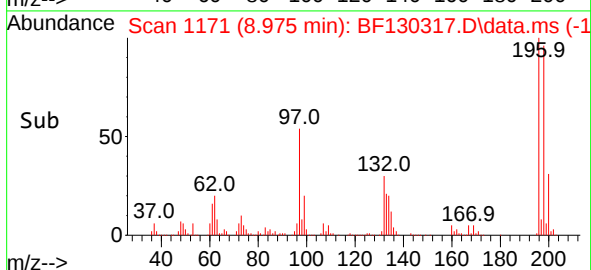
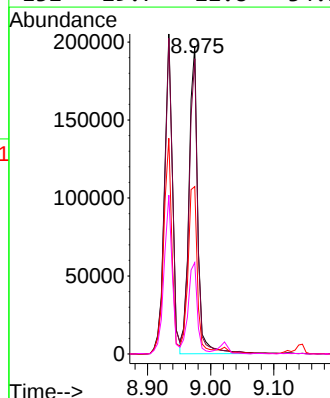
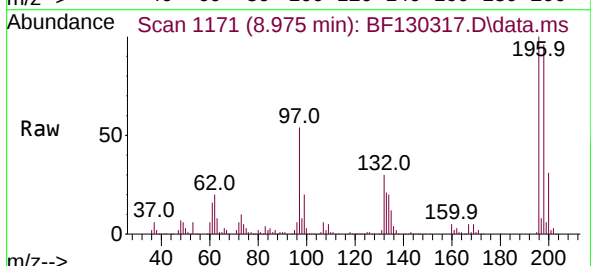
Ion Ratio Lower Upper

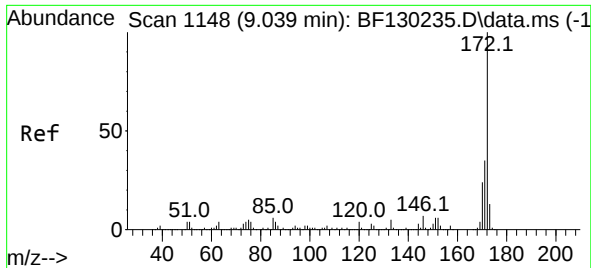
196 100

198 95.9 74.8 112.2

97 54.4 43.7 65.5

132 29.7 22.8 34.2

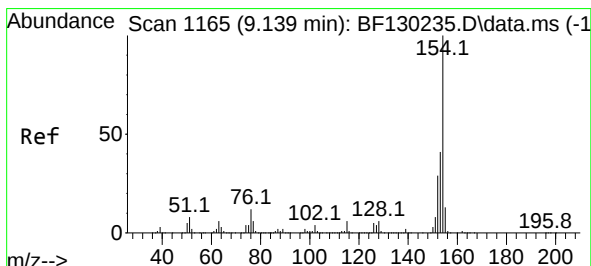
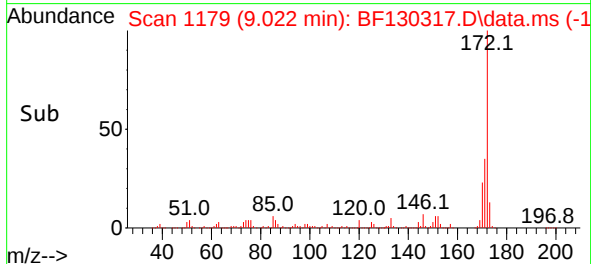
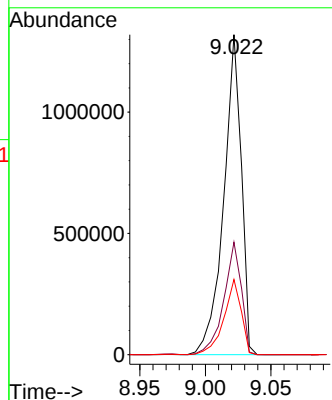
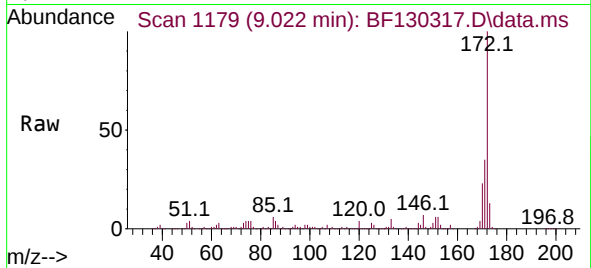




#45
2-Fluorobiphenyl
Concen: 79.691 ng
RT: 9.022 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

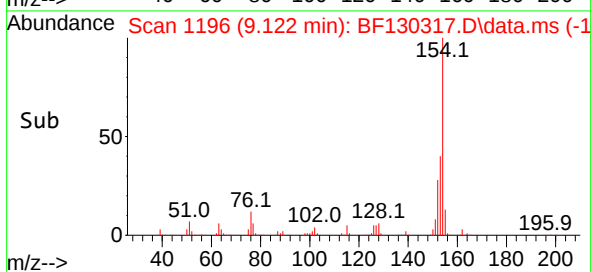
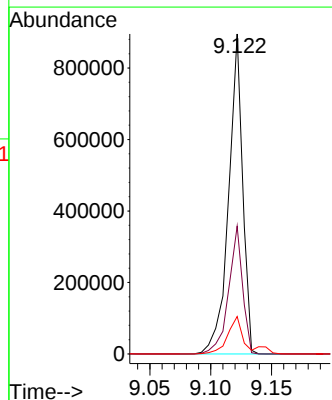
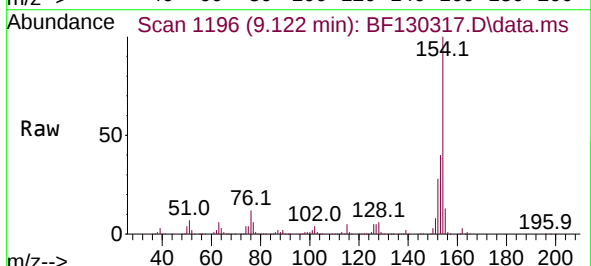
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

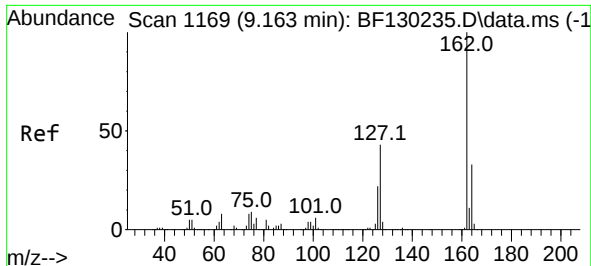
Tgt Ion:172 Resp: 1226984
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 43.046 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:154 Resp: 720796
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 11.7 0.0 33.3

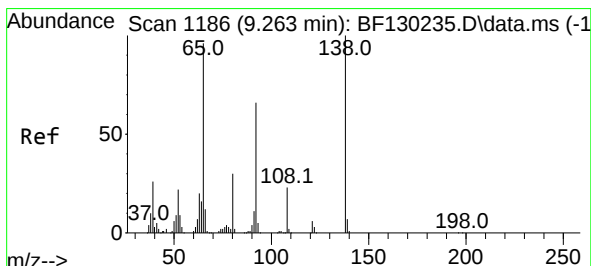
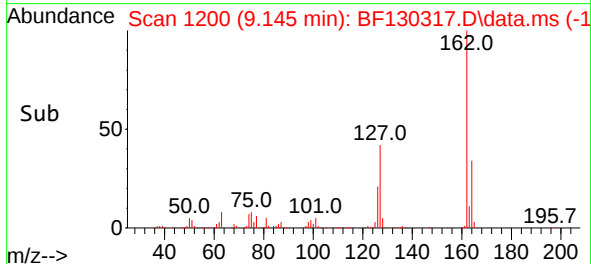
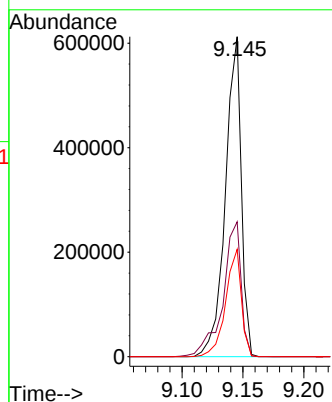
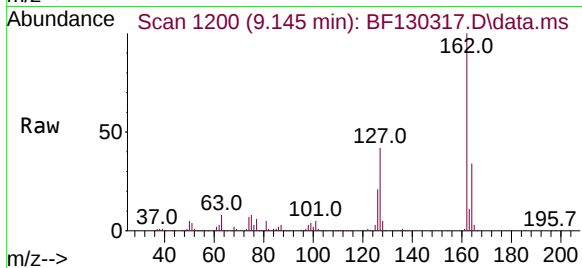




#47
2-Chloronaphthalene
Concen: 41.140 ng
RT: 9.145 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

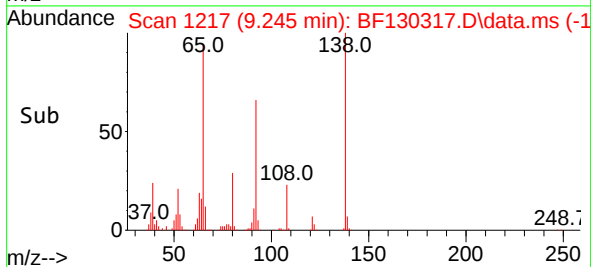
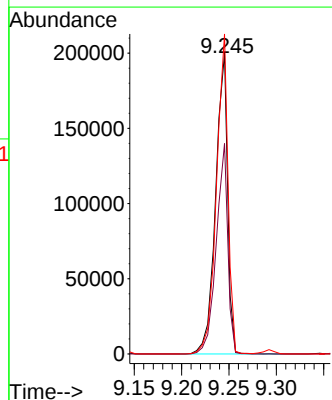
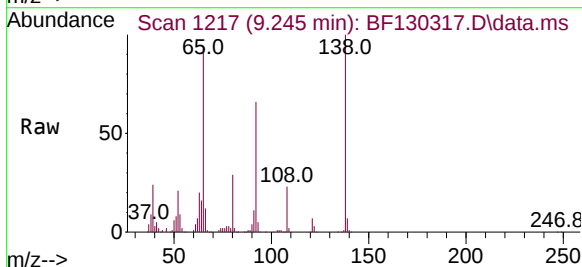
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

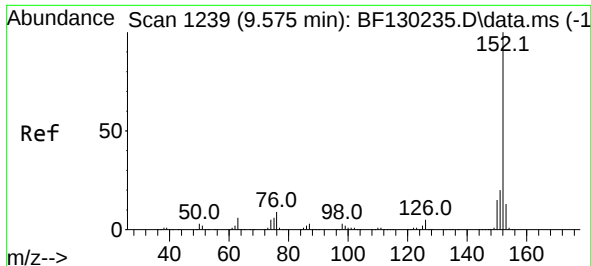
Tgt Ion:162 Resp: 557263
Ion Ratio Lower Upper
162 100
127 42.2 35.9 53.9
164 33.6 26.2 39.2



#48
2-Nitroaniline
Concen: 38.853 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion: 65 Resp: 175530
Ion Ratio Lower Upper
65 100
92 70.0 52.2 78.4
138 106.5 77.0 115.4





#49

Acenaphthylene

Concen: 40.773 ng

RT: 9.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

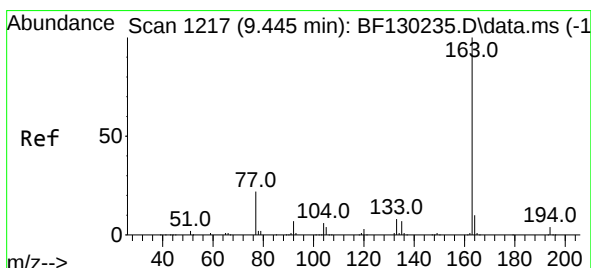
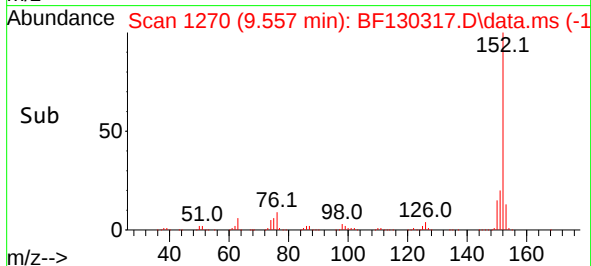
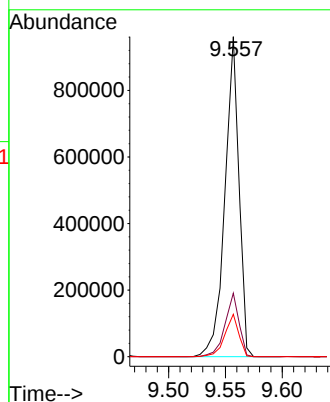
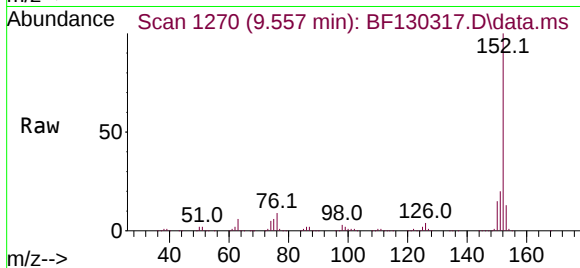
Tgt Ion:152 Resp: 828073

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.093 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

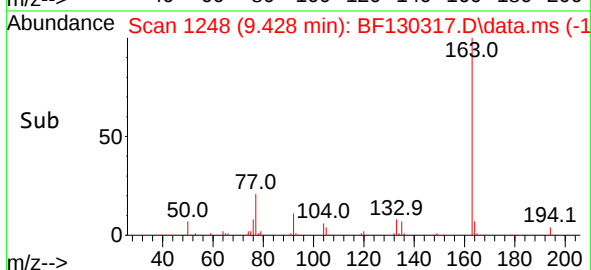
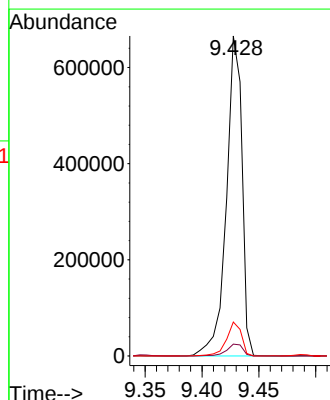
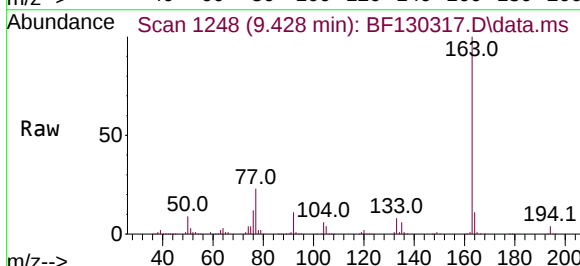
Tgt Ion:163 Resp: 636412

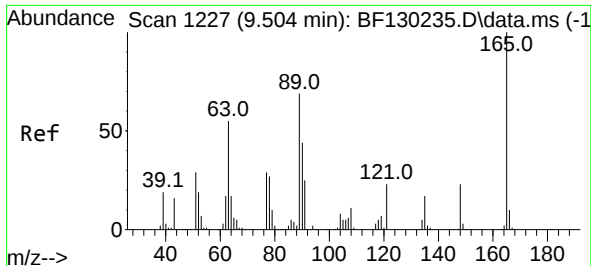
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.409 ng

RT: 9.486 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

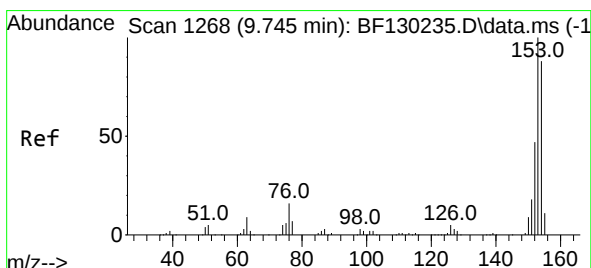
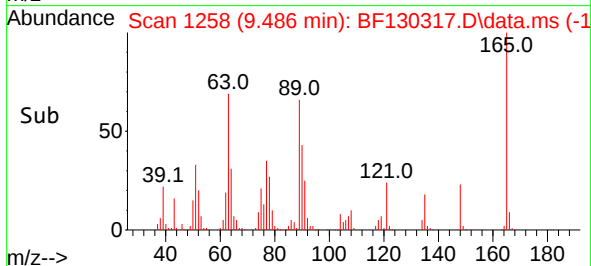
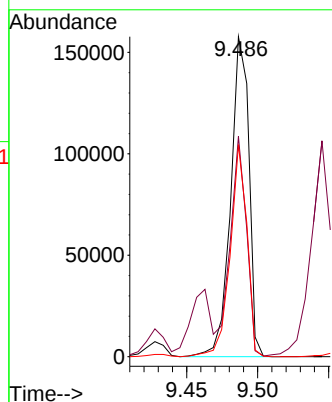
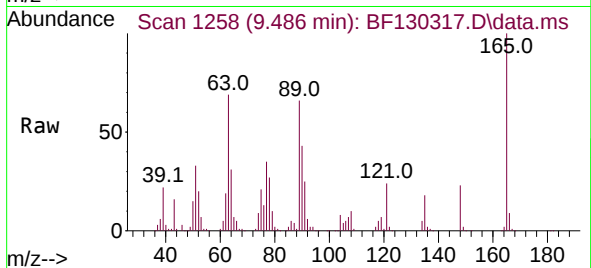
Tgt Ion:165 Resp: 140600

Ion Ratio Lower Upper

165 100

63 68.8 58.8 88.2

89 66.3 54.5 81.7



#52

Acenaphthene

Concen: 37.430 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

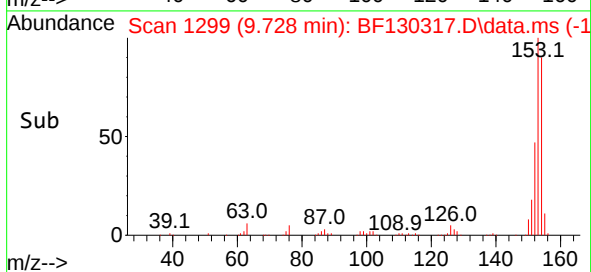
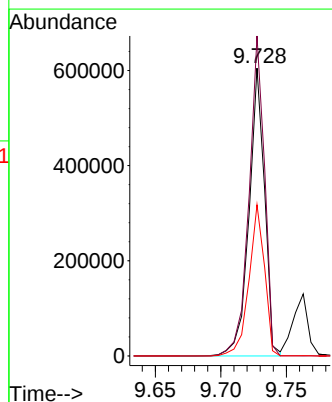
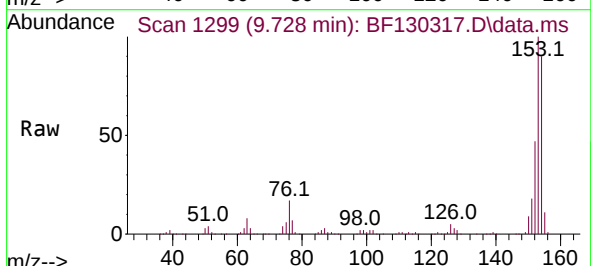
Tgt Ion:154 Resp: 499457

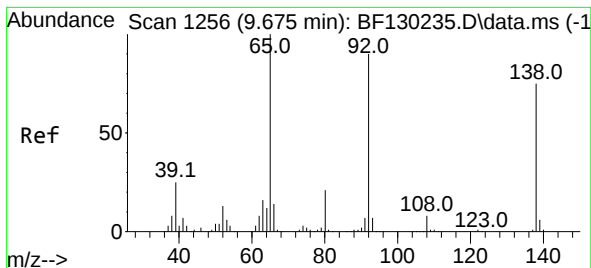
Ion Ratio Lower Upper

154 100

153 111.2 90.6 136.0

152 52.5 43.8 65.6





#53

3-Nitroaniline

Concen: 32.657 ng

RT: 9.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

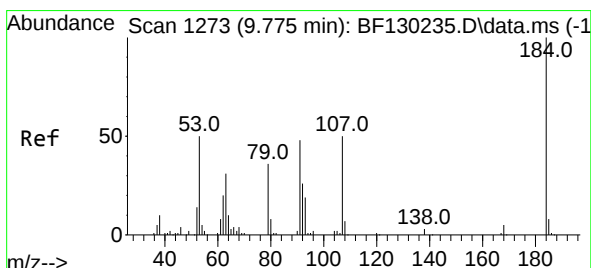
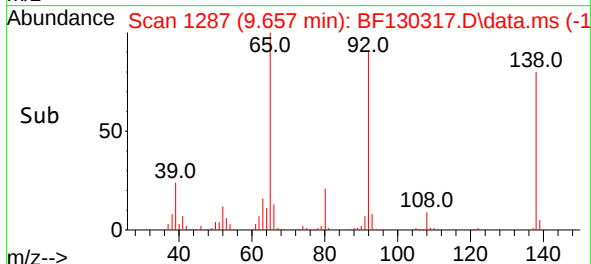
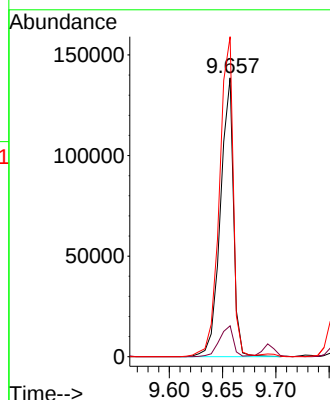
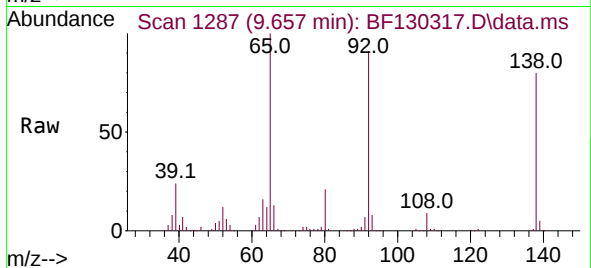
Tgt Ion:138 Resp: 117862

Ion Ratio Lower Upper

138 100

108 11.1 9.2 13.8

92 114.8 99.2 148.8



#54

2,4-Dinitrophenol

Concen: 81.647 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.006 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

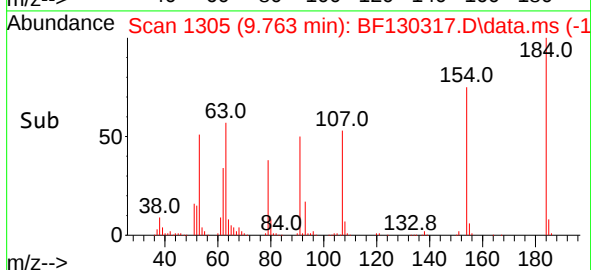
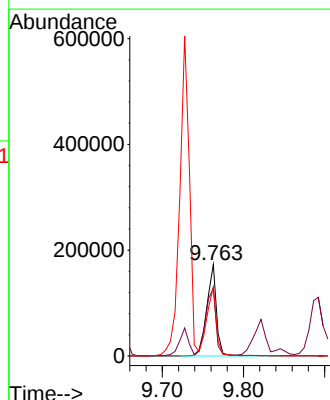
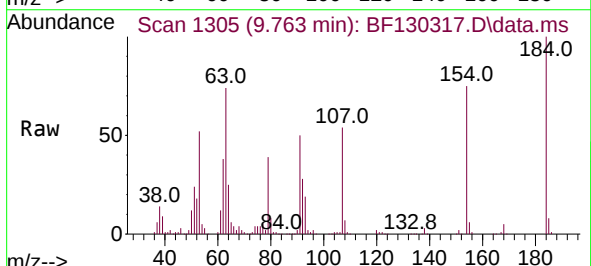
Tgt Ion:184 Resp: 143701

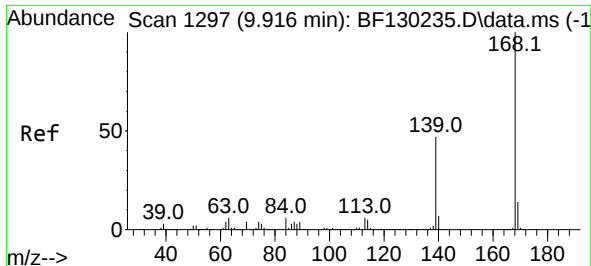
Ion Ratio Lower Upper

184 100

63 74.1 70.0 105.0

154 75.4 63.0 94.6

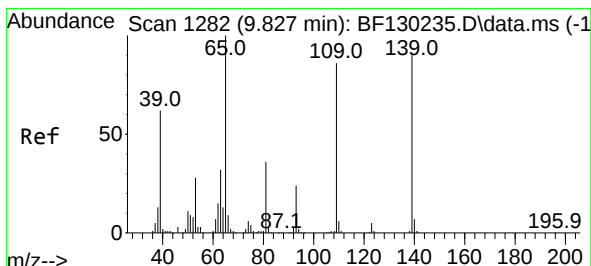
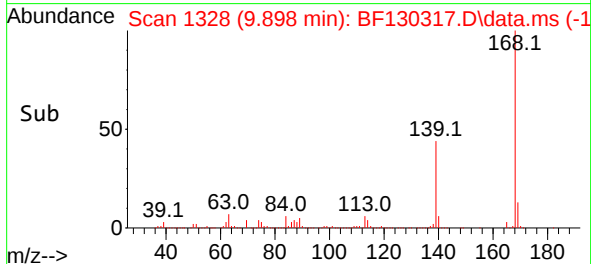
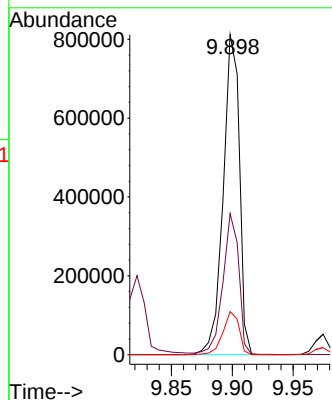
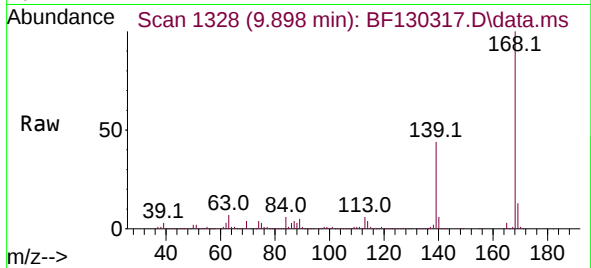




#55
Dibenzenofuran
Concen: 40.705 ng
RT: 9.898 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

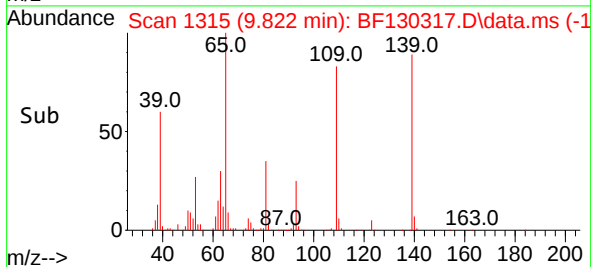
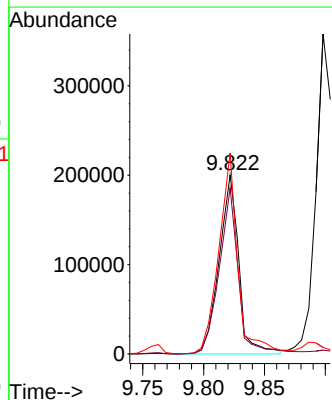
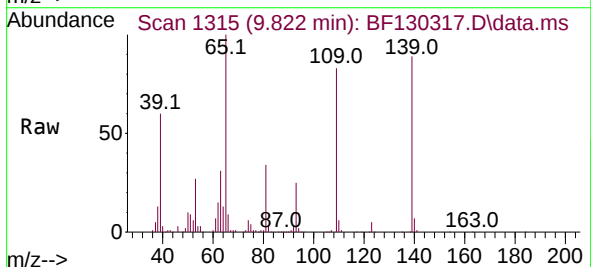
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

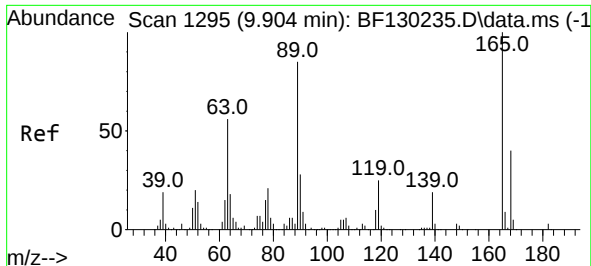
Tgt Ion:168 Resp: 755493
Ion Ratio Lower Upper
168 100
139 44.1 35.0 52.4
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 85.545 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:139 Resp: 224872
Ion Ratio Lower Upper
139 100
109 92.7 72.2 112.2
65 112.2 97.7 137.7

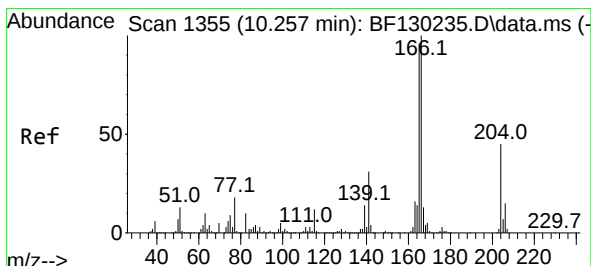
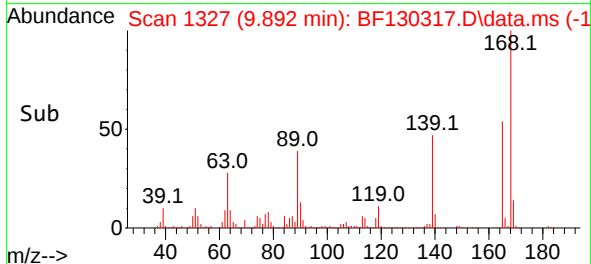
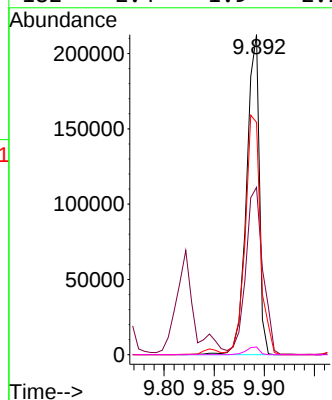
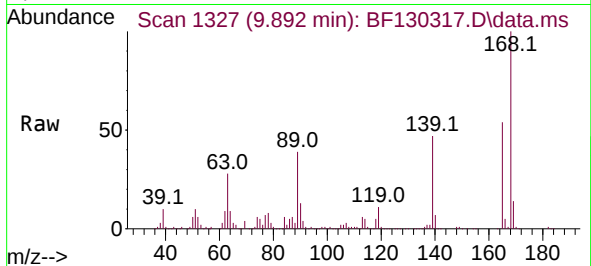




#57
2,4-Dinitrotoluene
Concen: 45.525 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

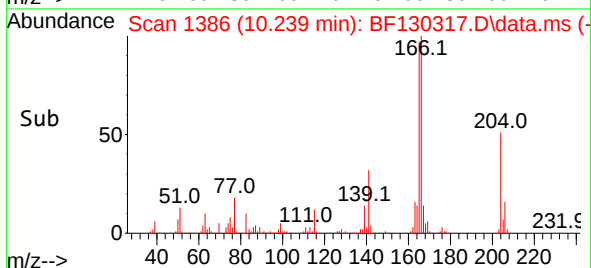
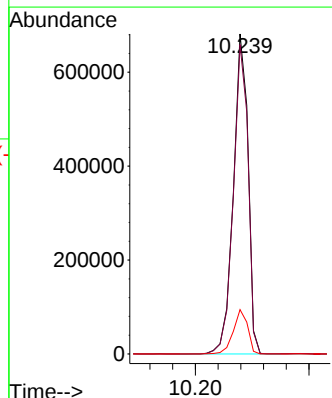
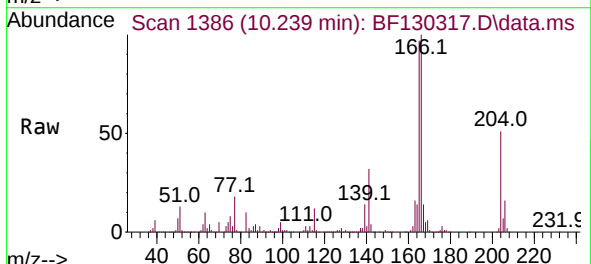
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

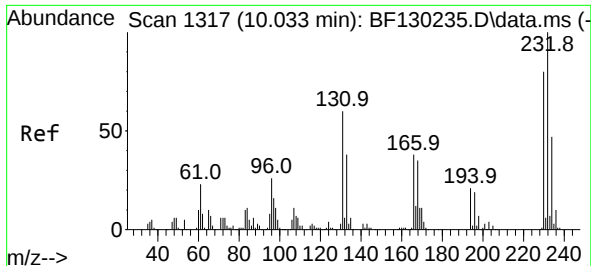
Tgt Ion:165 Resp: 188447
Ion Ratio Lower Upper
165 100
63 52.3 44.7 67.1
89 72.6 69.0 103.4
182 2.4 1.9 2.9



#58
Fluorene
Concen: 40.214 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:166 Resp: 610416
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 13.8 10.6 15.8

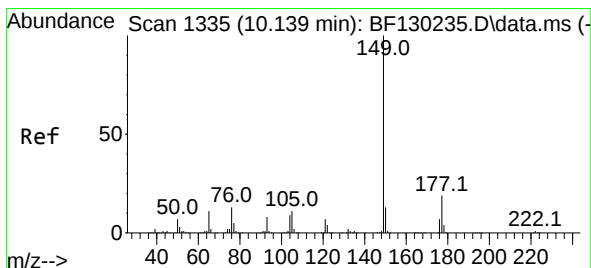
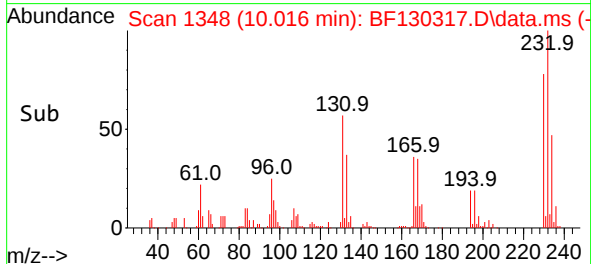
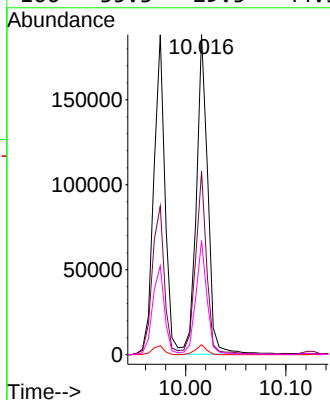
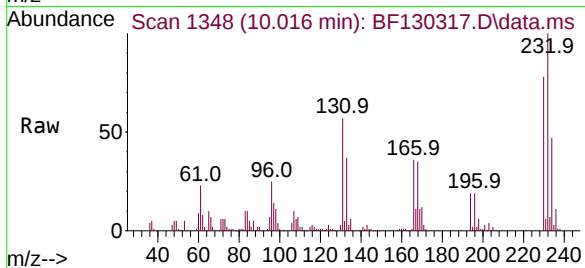




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.044 ng
RT: 10.016 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

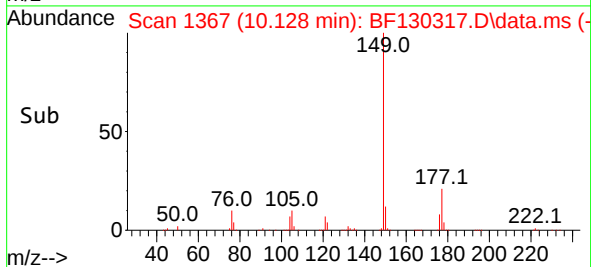
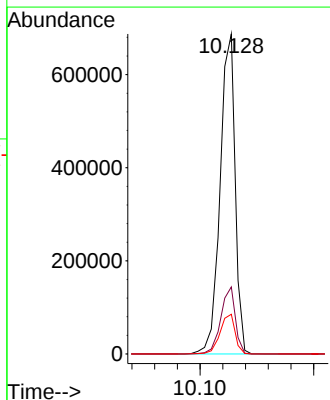
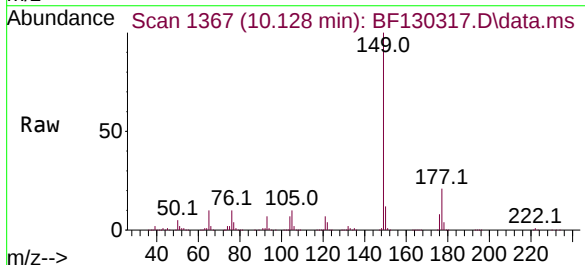
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

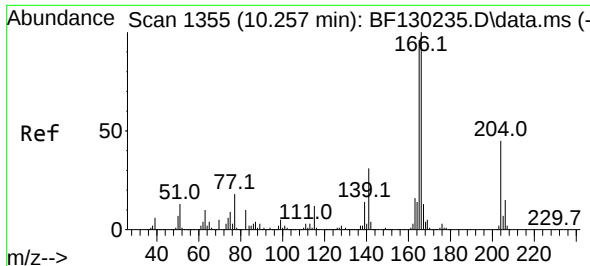
Tgt Ion:232 Resp: 148040
Ion Ratio Lower Upper
232 100
131 55.9 46.4 69.6
130 3.0 2.3 3.5
166 35.3 29.5 44.3



#60
Diethylphthalate
Concen: 40.819 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:149 Resp: 633949
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.4 9.9 14.9

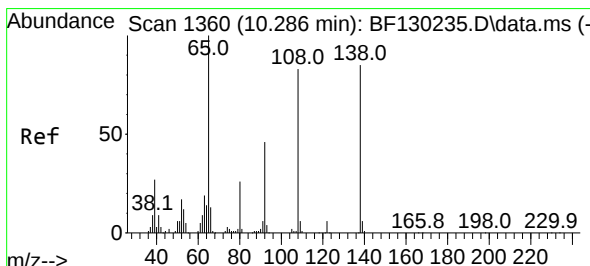
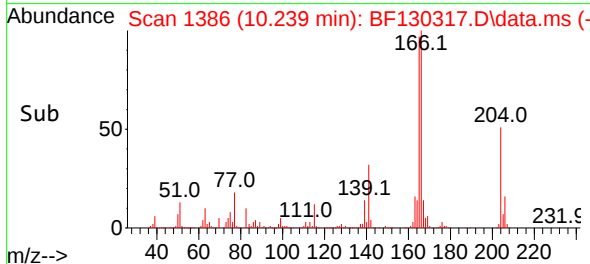
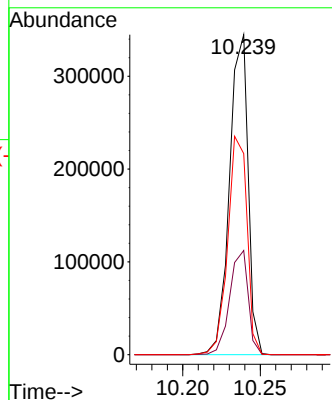
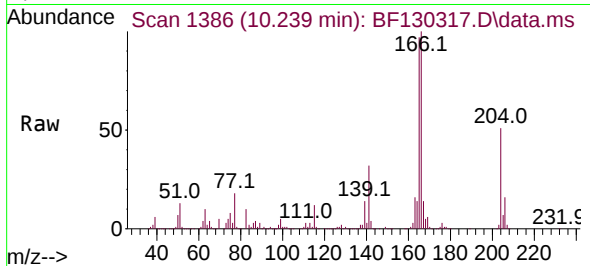




#61
4-Chlorophenyl-phenylether
Concen: 43.216 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

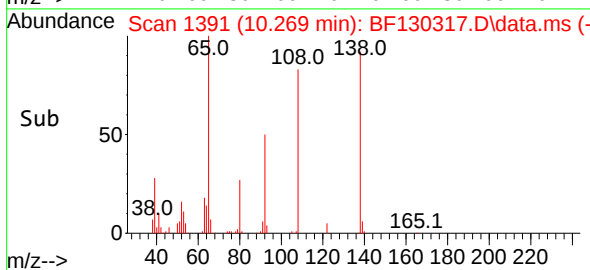
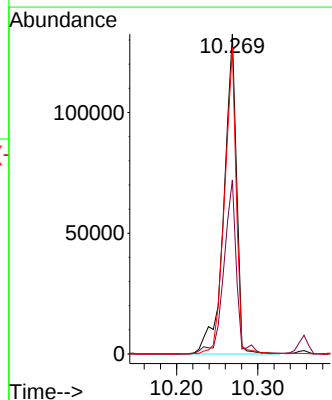
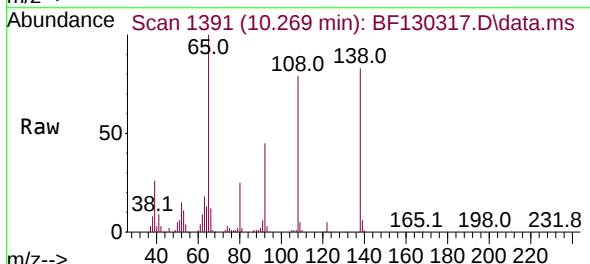
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

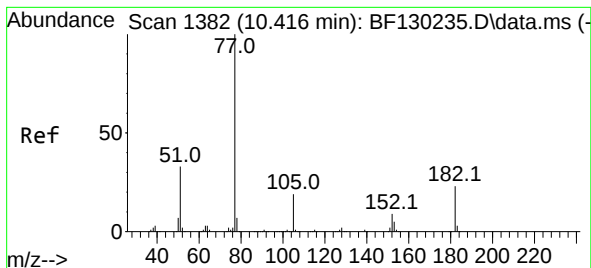
Tgt Ion:204 Resp: 287761
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 62.8 57.1 85.7



#62
4-Nitroaniline
Concen: 39.739 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:138 Resp: 144079
Ion Ratio Lower Upper
138 100
92 54.4 36.7 76.7
108 95.7 78.2 118.2





#63

Azobenzene

Concen: 38.008 ng

RT: 10.398 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

Tgt Ion: 77 Resp: 607825

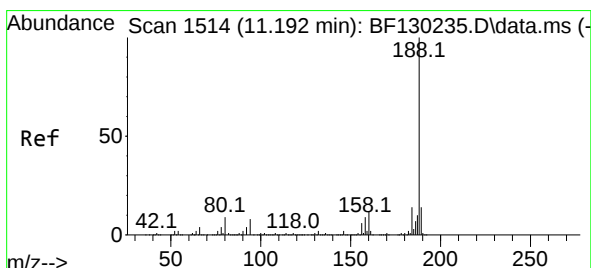
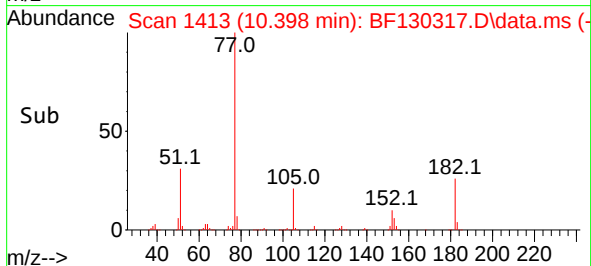
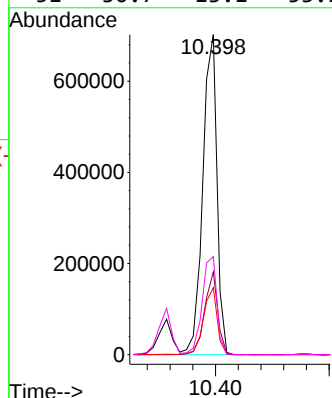
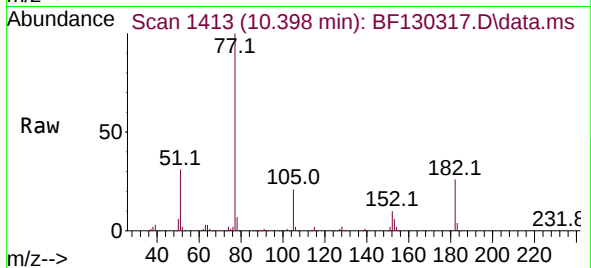
Ion Ratio Lower Upper

77 100

182 25.8 2.1 42.1

105 20.9 0.0 39.4

51 30.7 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

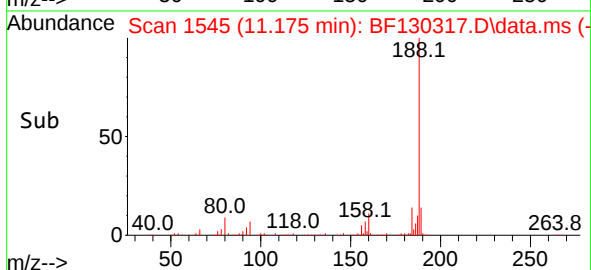
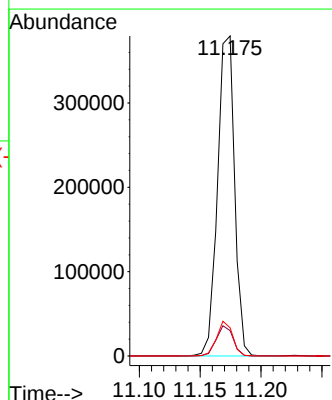
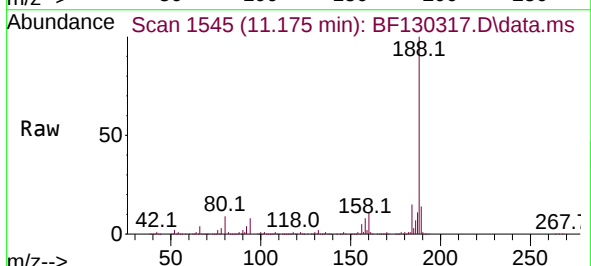
Tgt Ion: 188 Resp: 370952

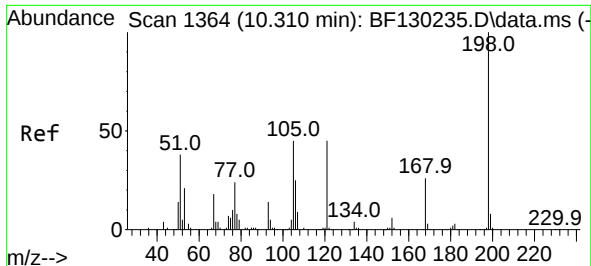
Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

80 8.8 7.9 11.9

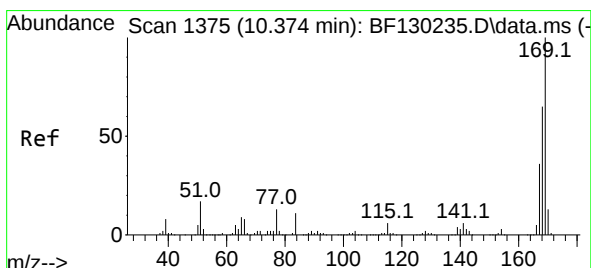
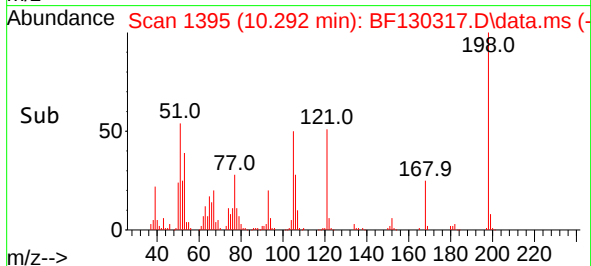
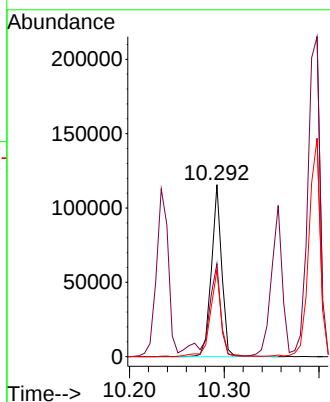
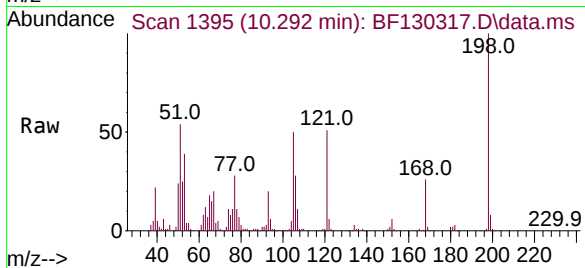




#65
4,6-Dinitro-2-methylphenol
Concen: 42.385 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

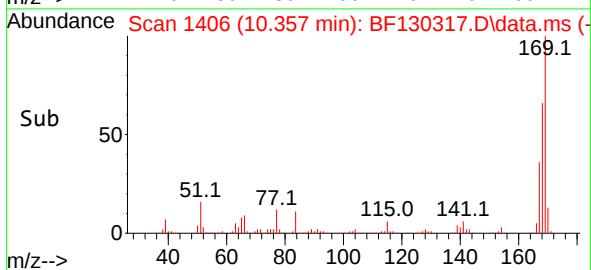
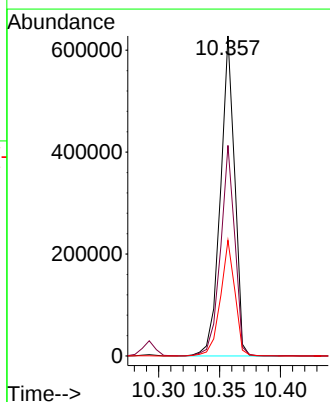
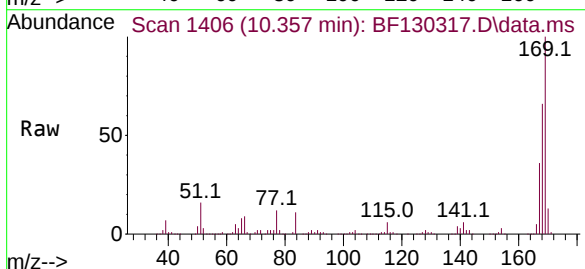
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

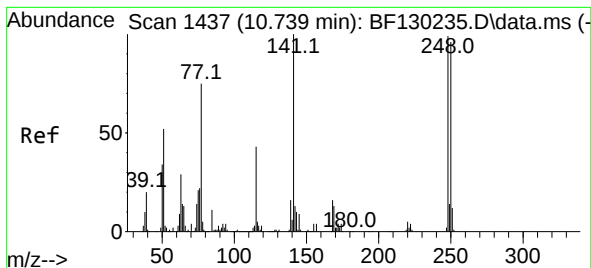
Tgt Ion:198 Resp: 87524
Ion Ratio Lower Upper
198 100
51 54.0 36.9 76.9
105 50.3 33.0 73.0



#66
n-Nitrosodiphenylamine
Concen: 41.304 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:169 Resp: 512001
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.1 29.2 43.8

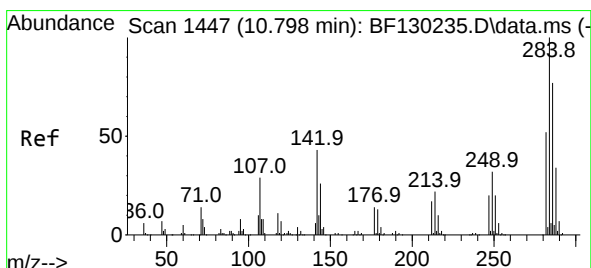
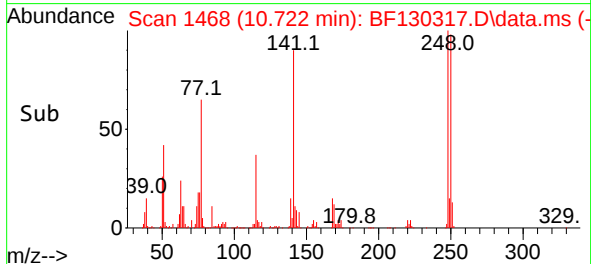
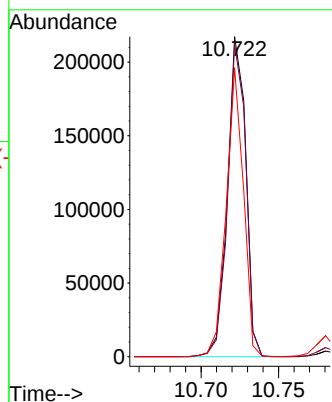
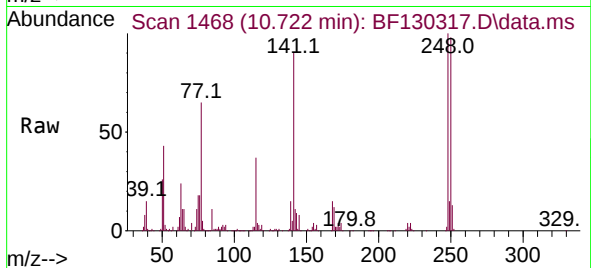




#67
4-Bromophenyl-phenylether
Concen: 43.743 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

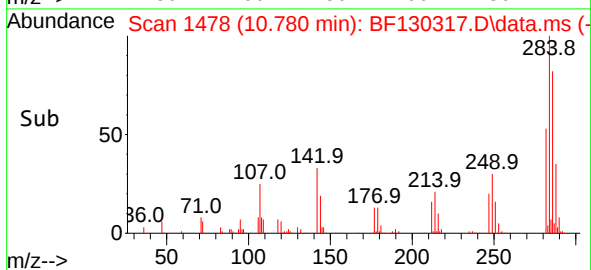
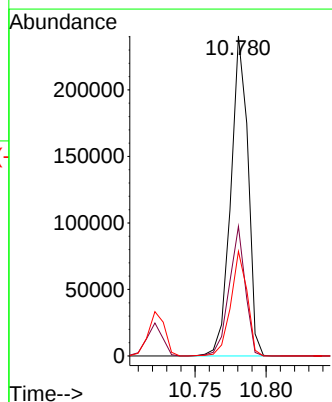
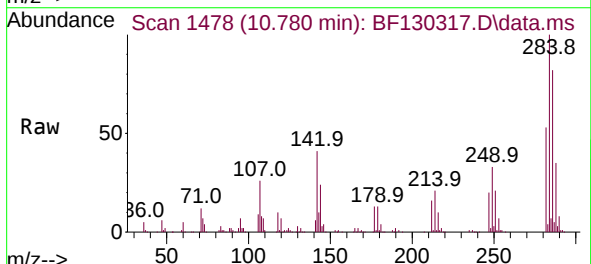
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

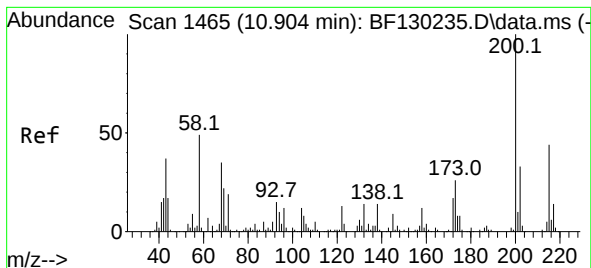
Tgt Ion:248 Resp: 179006
Ion Ratio Lower Upper
248 100
250 97.7 80.0 120.0
141 90.3 68.5 102.7



#68
Hexachlorobenzene
Concen: 43.520 ng
RT: 10.780 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:284 Resp: 201878
Ion Ratio Lower Upper
284 100
142 40.5 27.2 40.8
249 32.7 23.8 35.8





#69

Atrazine

Concen: 47.371 ng

RT: 10.886 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

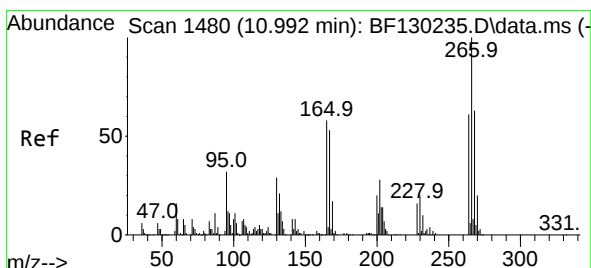
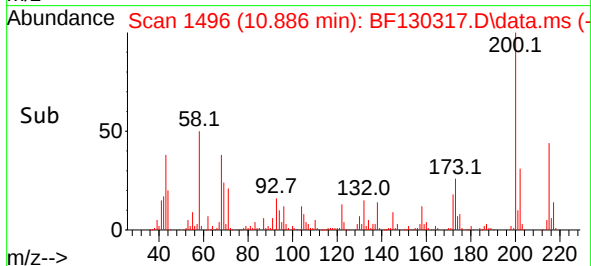
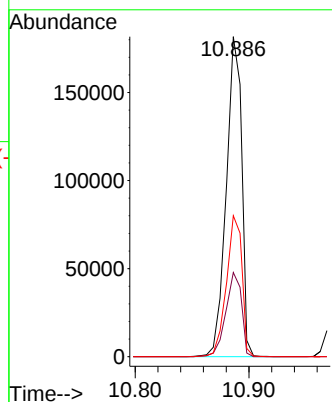
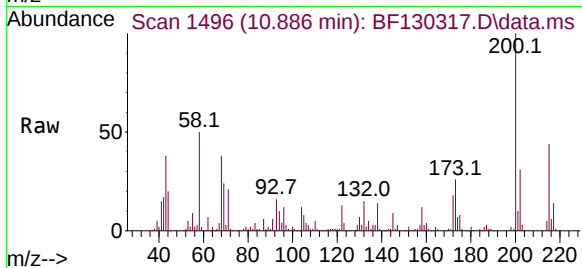
Tgt Ion:200 Resp: 171608

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 44.0 22.5 62.5



#70

Pentachlorophenol

Concen: 89.619 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

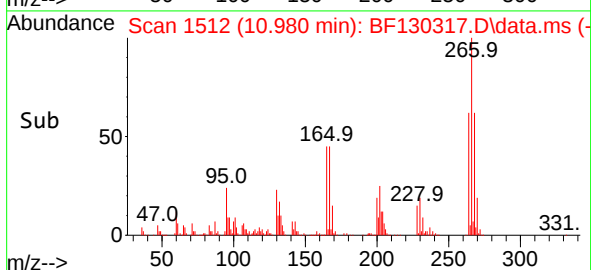
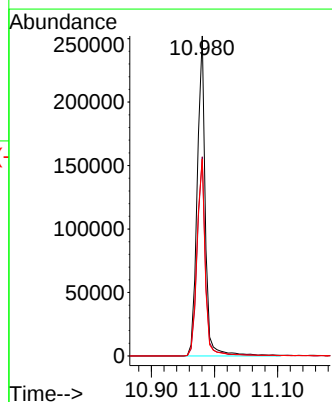
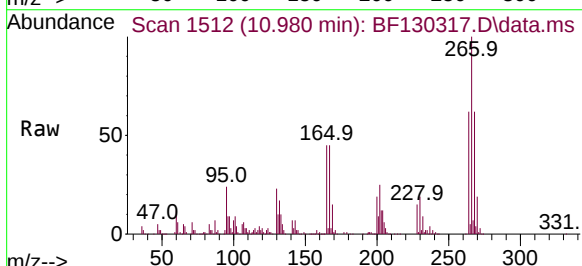
Tgt Ion:266 Resp: 223115

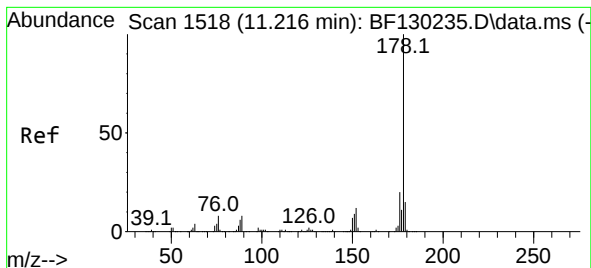
Ion Ratio Lower Upper

266 100

268 62.2 50.5 75.7

264 61.5 50.5 75.7





#71

Phenanthrene

Concen: 40.335 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

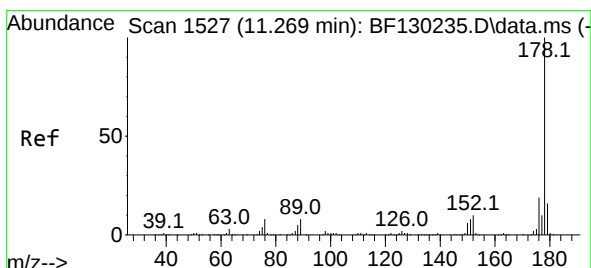
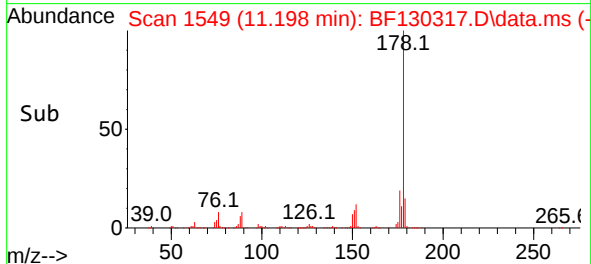
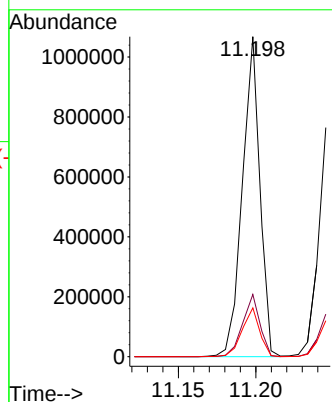
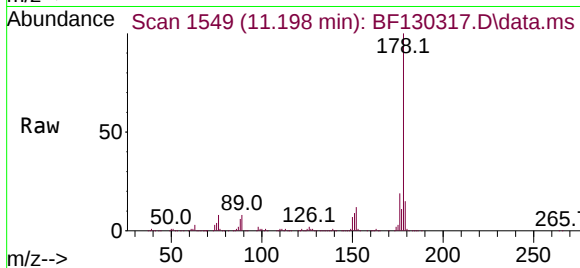
Tgt Ion:178 Resp: 840039

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.2 12.4 18.6



#72

Anthracene

Concen: 42.573 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

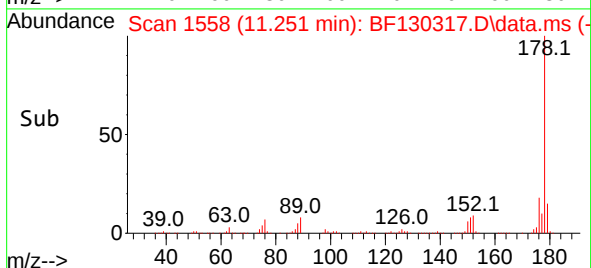
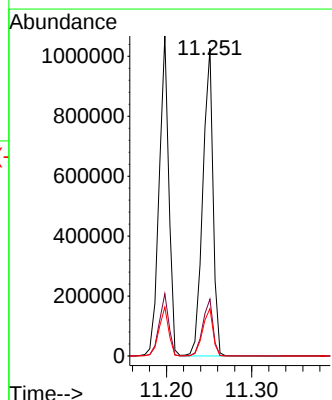
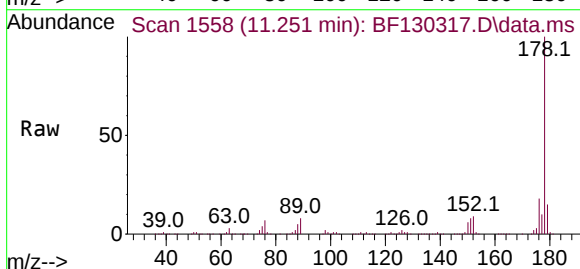
Tgt Ion:178 Resp: 855644

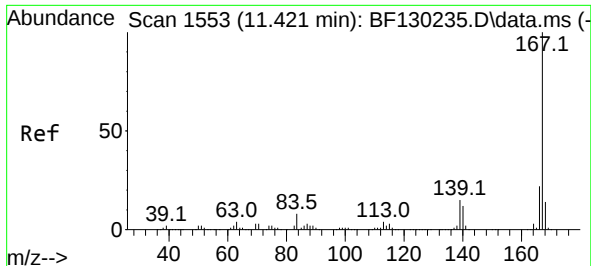
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

179 15.4 12.7 19.1

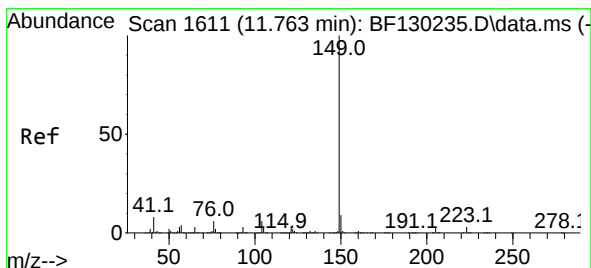
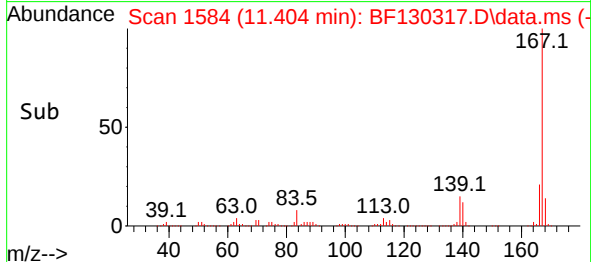
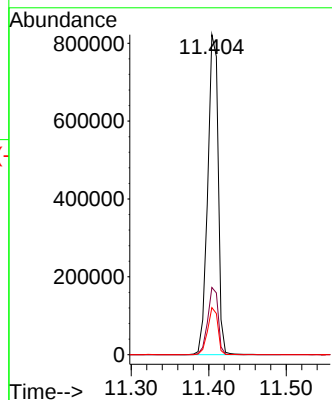
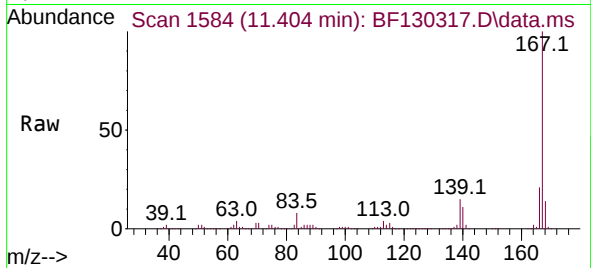




#73
 Carbazole
 Concen: 42.414 ng
 RT: 11.404 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130317.D
 Acq: 19 Sep 2022 12:51

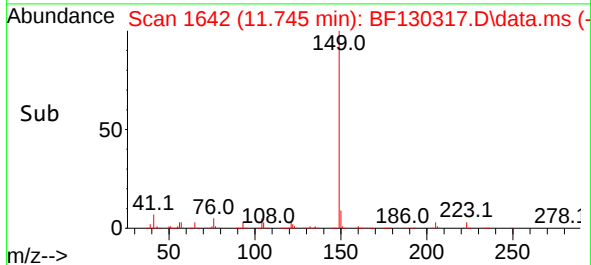
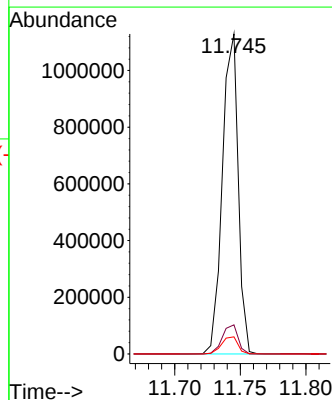
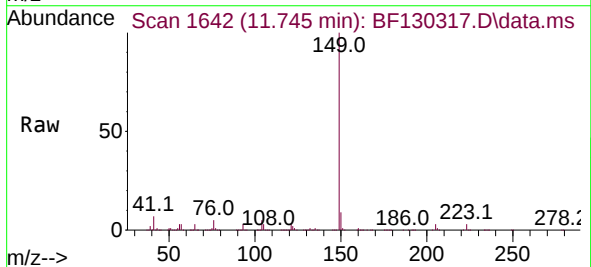
Instrument :
 BNA_F
 ClientSampleId :
 PB147728BSD

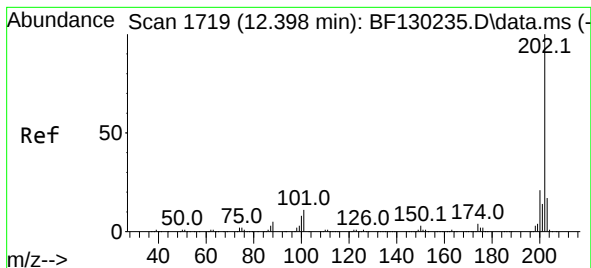
Tgt Ion:167 Resp: 769332
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 14.7 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 43.165 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF130317.D
 Acq: 19 Sep 2022 12:51

Tgt Ion:149 Resp: 944154
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.4 4.8 7.2





#75

Fluoranthene

Concen: 41.812 ng

RT: 12.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

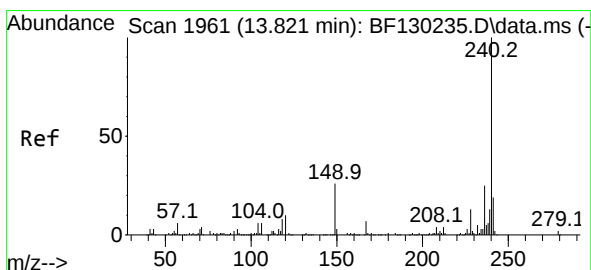
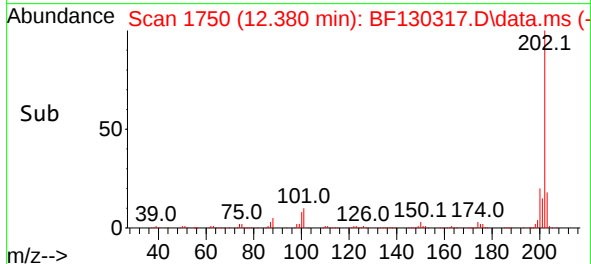
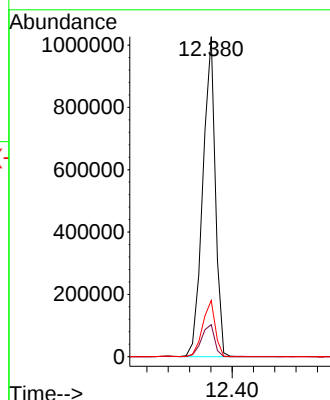
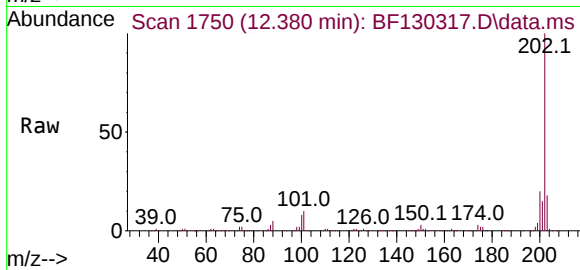
Tgt Ion:202 Resp: 841458

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.8

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

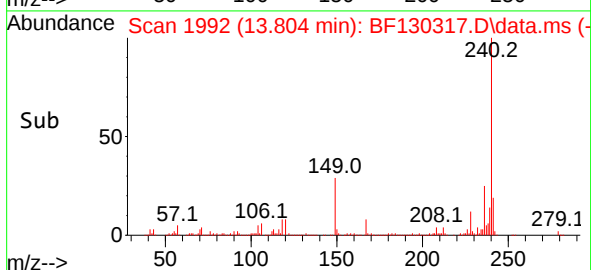
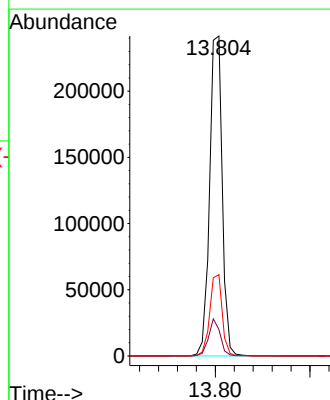
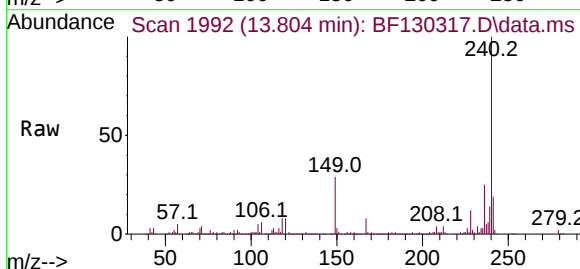
Tgt Ion:240 Resp: 222930

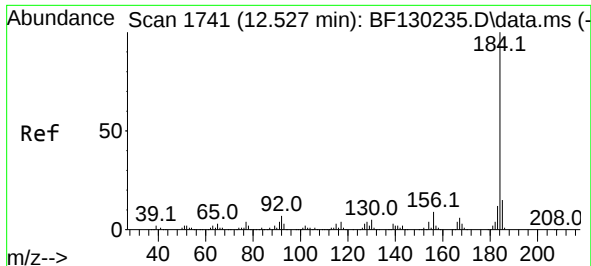
Ion Ratio Lower Upper

240 100

120 8.2 8.7 13.1#

236 25.4 20.9 31.3

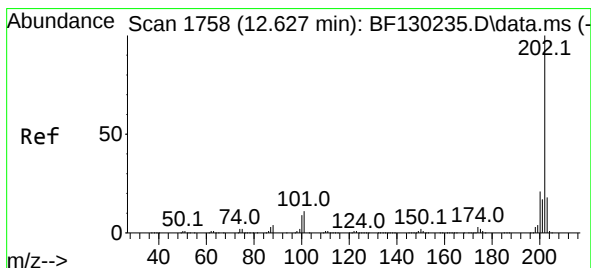
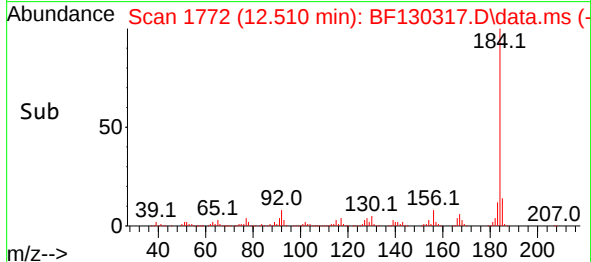
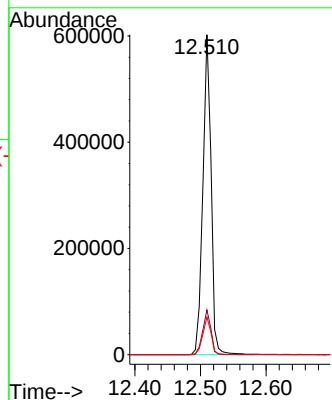
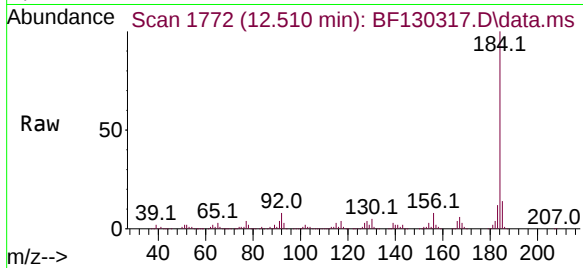




#77
Benzidine
Concen: 81.705 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

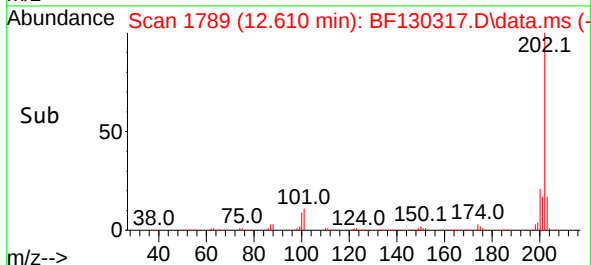
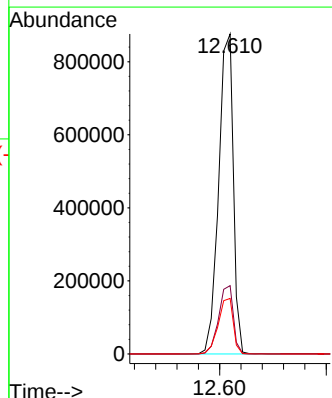
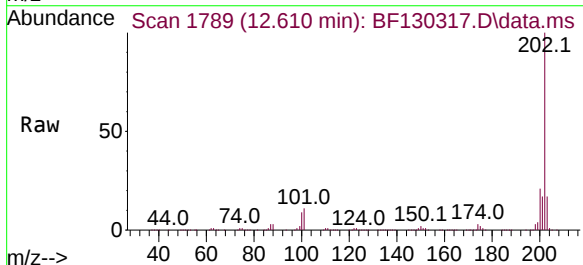
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

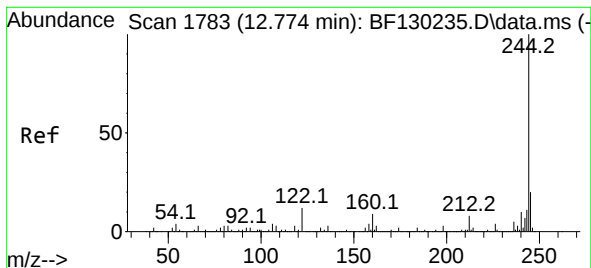
Tgt Ion:184 Resp: 528750
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.8 9.1 13.7



#78
Pyrene
Concen: 42.706 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:202 Resp: 832844
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 93.237 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

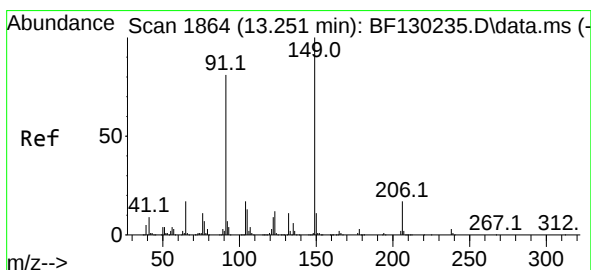
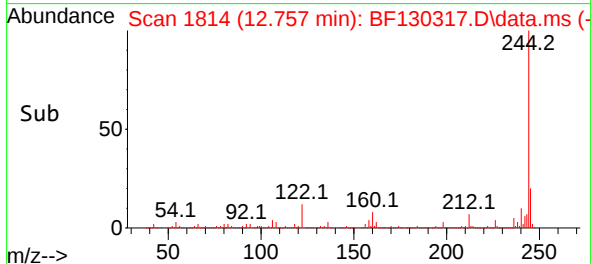
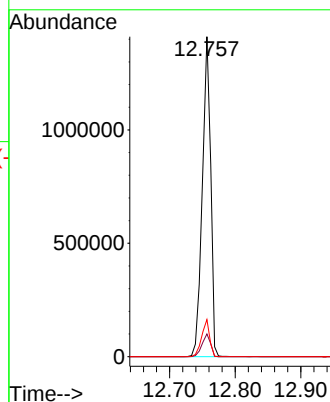
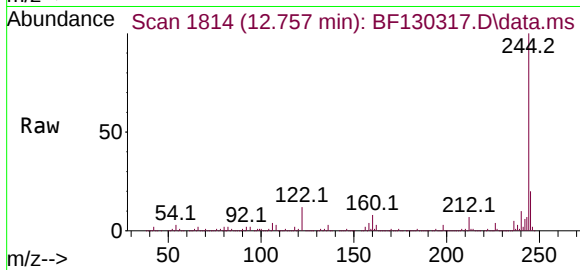
Tgt Ion:244 Resp: 1254787

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.6 8.5 12.7



#80

Butylbenzylphthalate

Concen: 46.790 ng

RT: 13.233 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

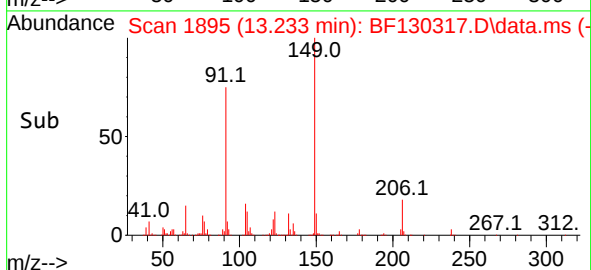
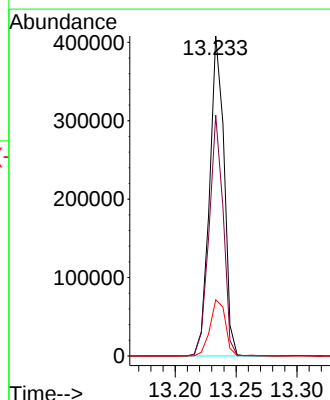
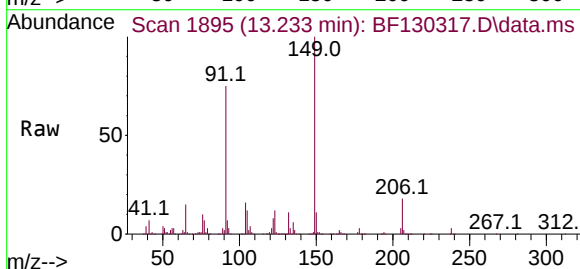
Tgt Ion:149 Resp: 338047

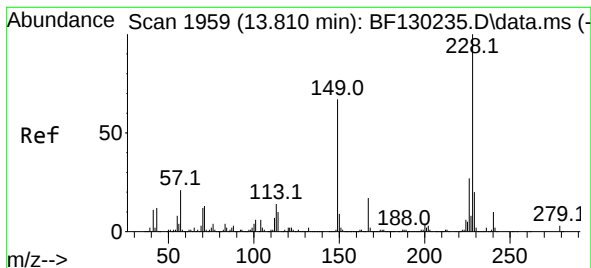
Ion Ratio Lower Upper

149 100

91 75.3 59.8 89.8

206 17.6 13.9 20.9





#81

Benzo(a)anthracene

Concen: 41.910 ng

RT: 13.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

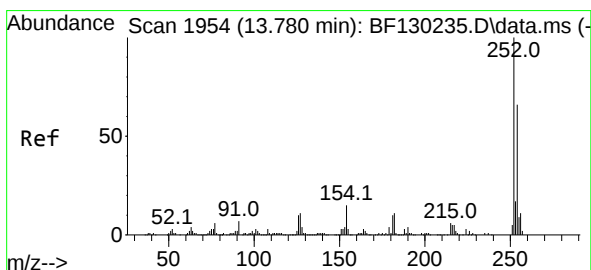
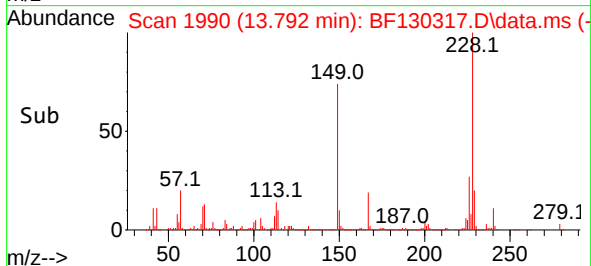
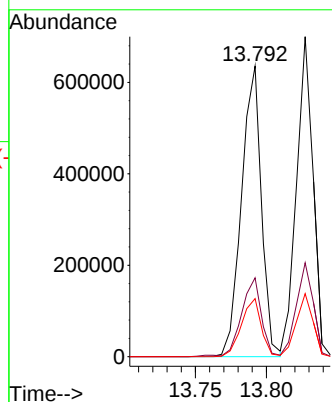
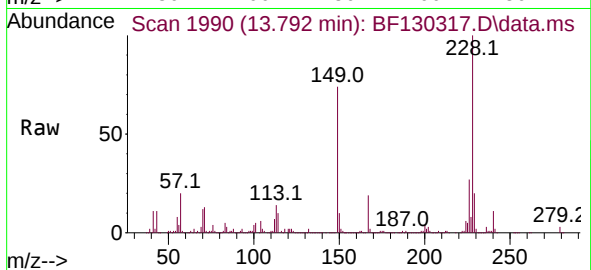
Tgt Ion:228 Resp: 621542

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.840 ng

RT: 13.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

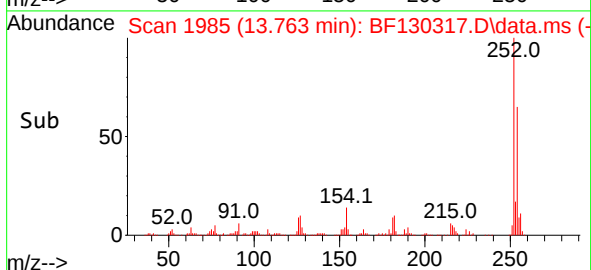
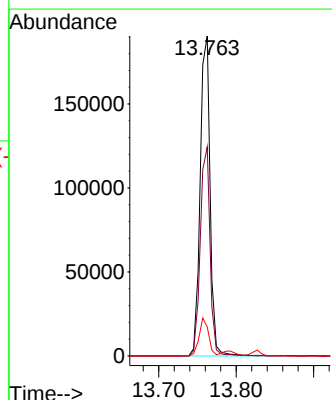
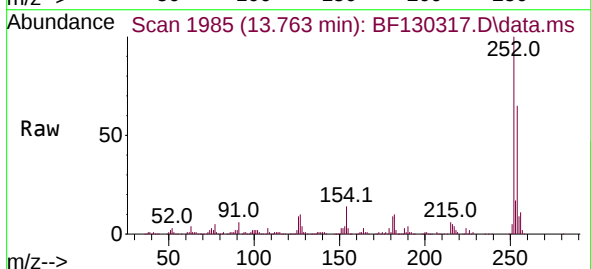
Tgt Ion:252 Resp: 168908

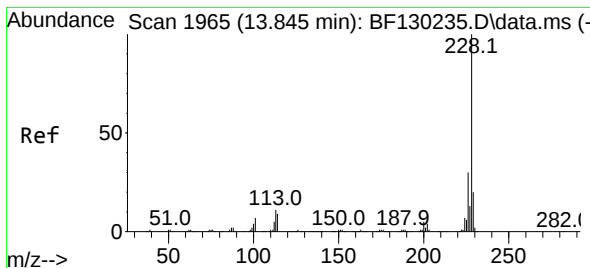
Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

126 9.0 10.4 15.6#





#83

Chrysene

Concen: 40.268 ng

RT: 13.827 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

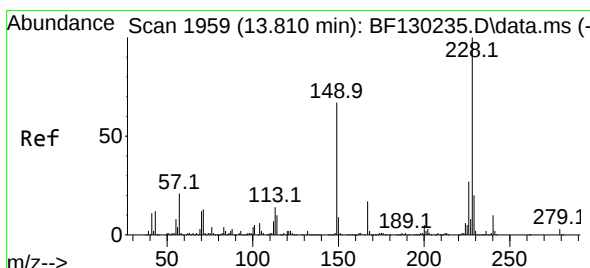
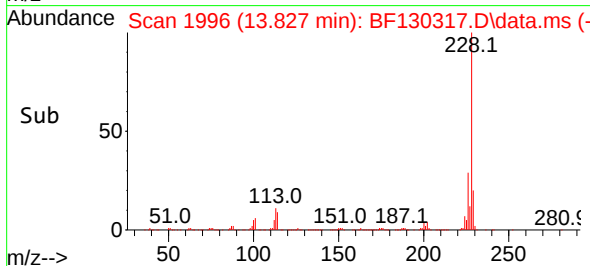
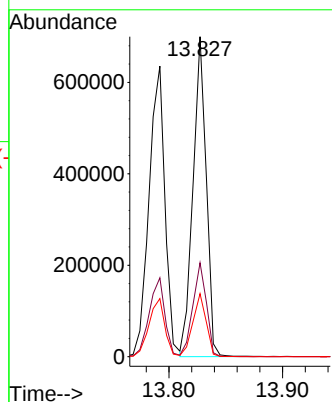
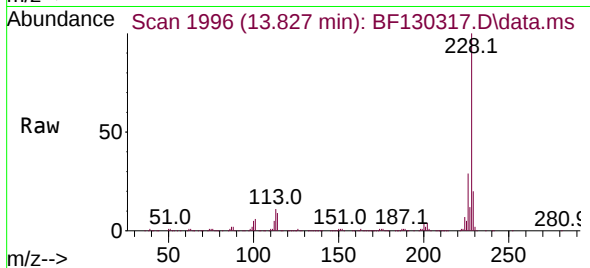
Tgt Ion:228 Resp: 567032

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.7 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.137 ng

RT: 13.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

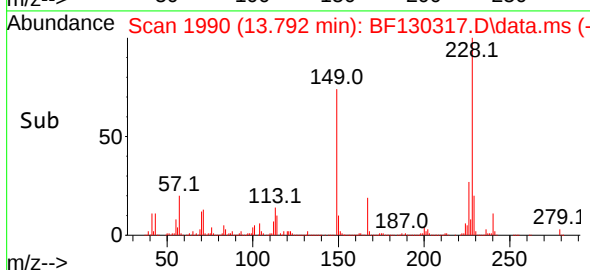
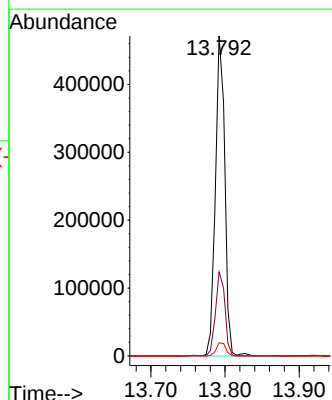
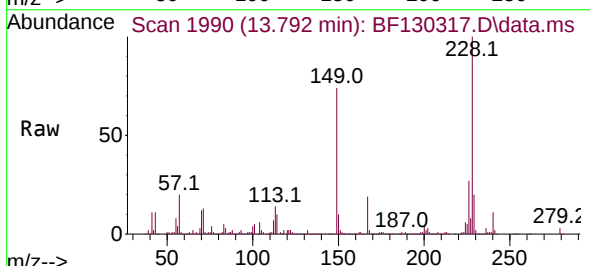
Tgt Ion:149 Resp: 414903

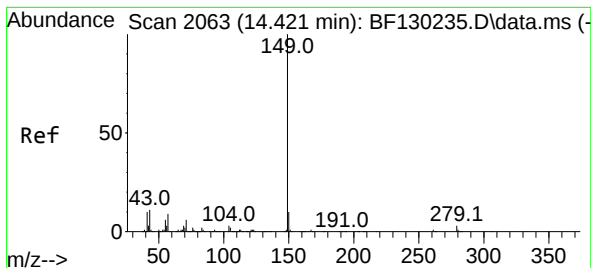
Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.411 ng

RT: 14.404 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB147728BSD

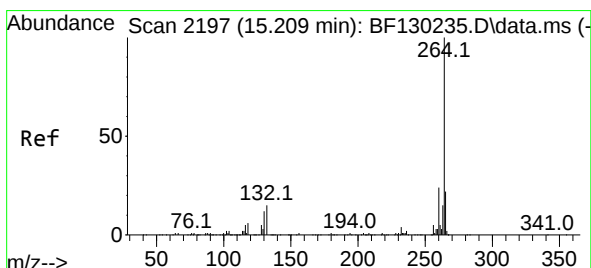
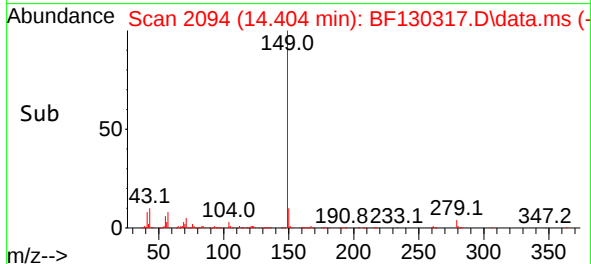
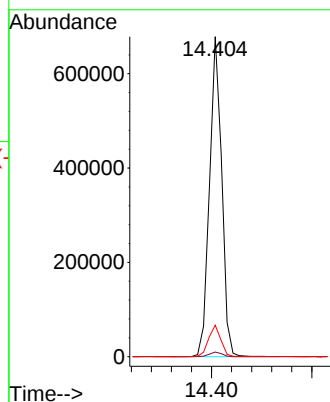
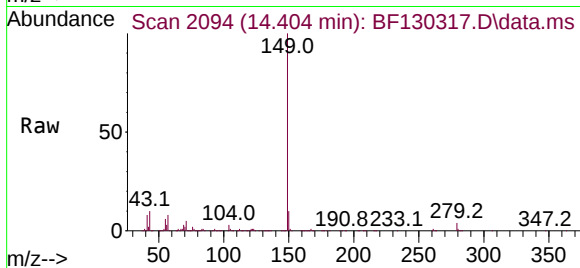
Tgt Ion:149 Resp: 574781

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.186 min Scan# 2227

Delta R.T. 0.000 min

Lab File: BF130317.D

Acq: 19 Sep 2022 12:51

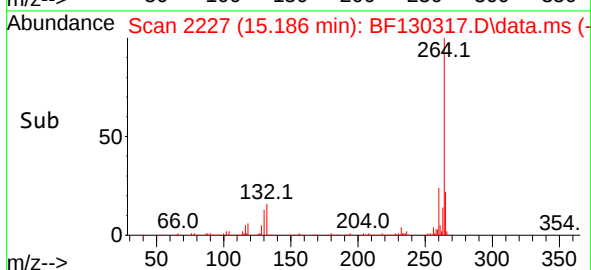
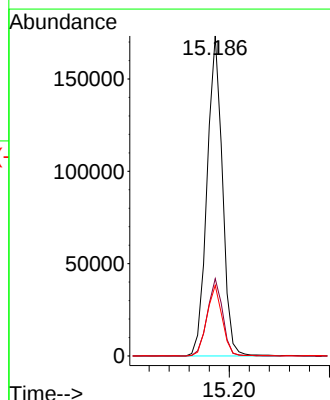
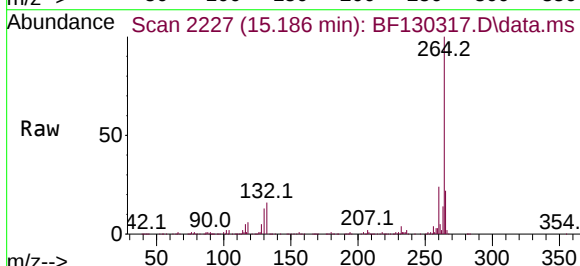
Tgt Ion:264 Resp: 184244

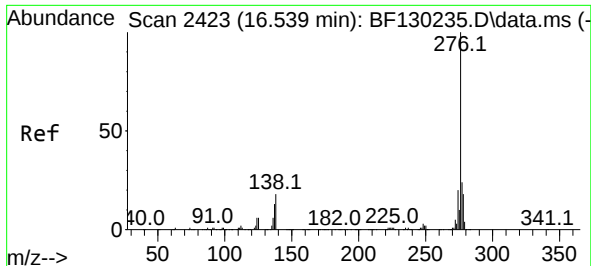
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.0 17.0 25.4

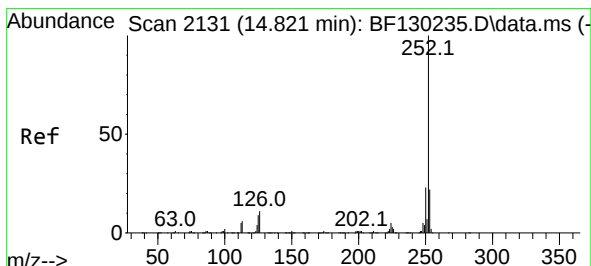
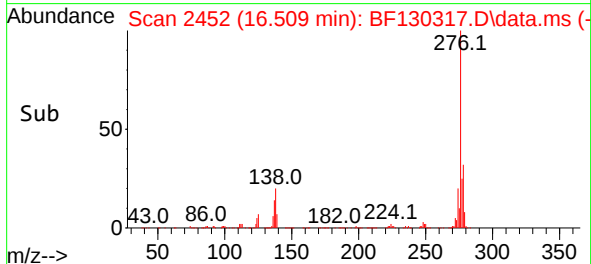
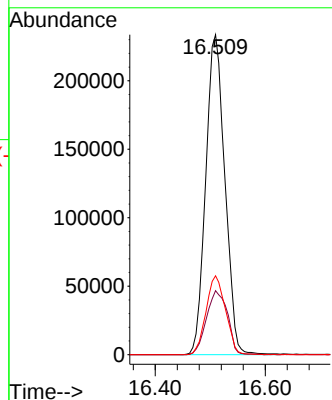
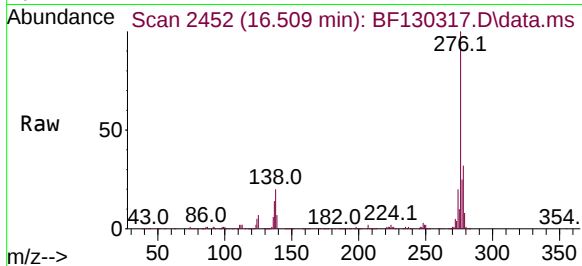




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.255 ng
RT: 16.509 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

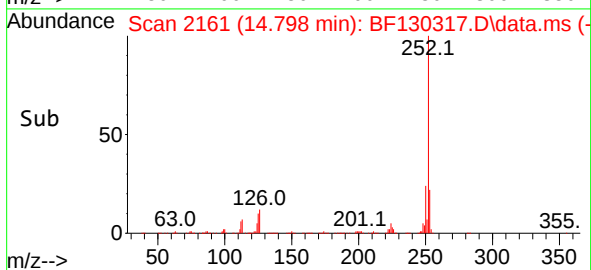
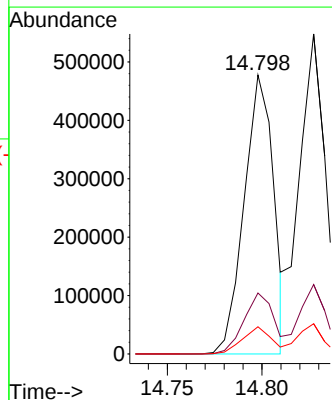
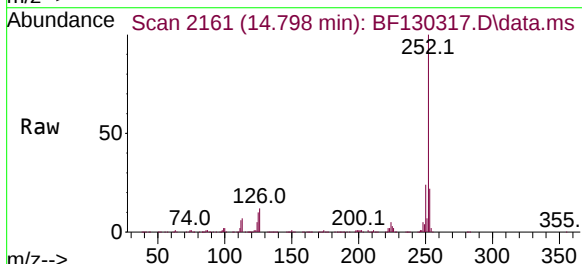
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

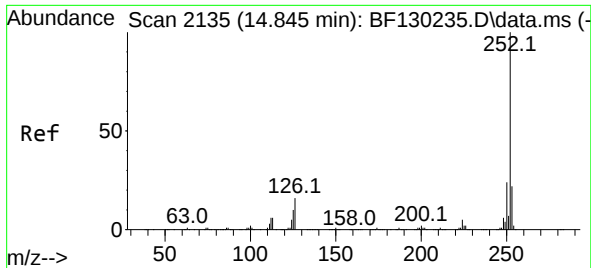
Tgt Ion:276 Resp: 565145
Ion Ratio Lower Upper
276 100
138 22.0 18.5 27.7
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 43.130 ng
RT: 14.798 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:252 Resp: 518658
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.8 8.1 12.1

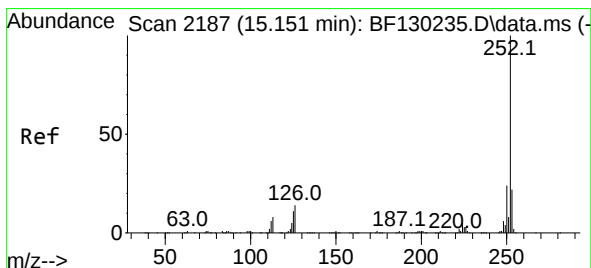
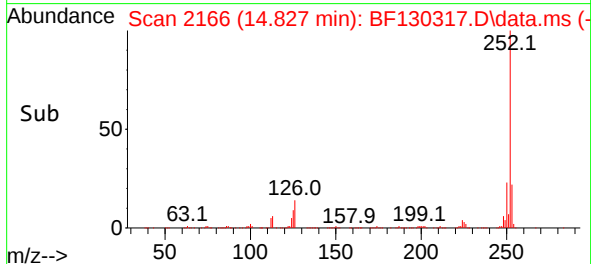
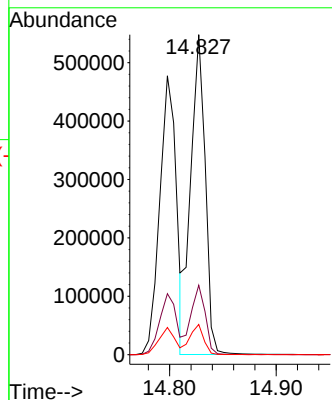
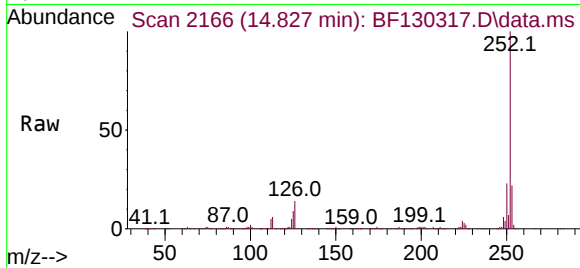




#89
Benzo(k)fluoranthene
Concen: 43.690 ng
RT: 14.827 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

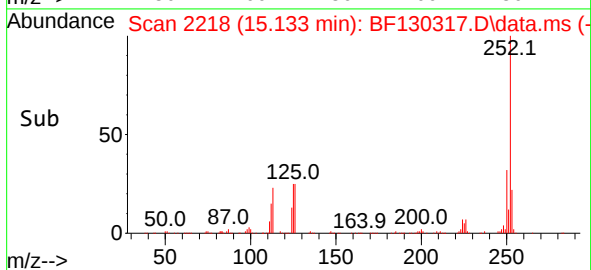
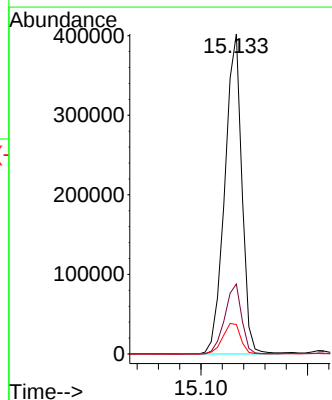
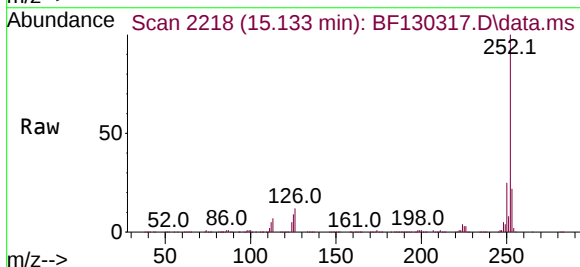
Instrument :
BNA_F
ClientSampleId :
PB147728BSD

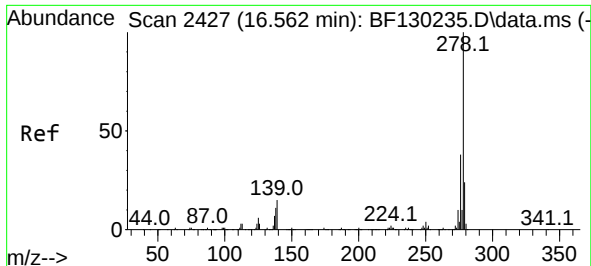
Tgt Ion:252 Resp: 516830
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 46.842 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:252 Resp: 446269
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.2 9.0 13.6

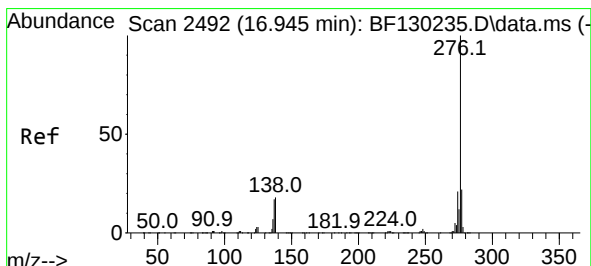
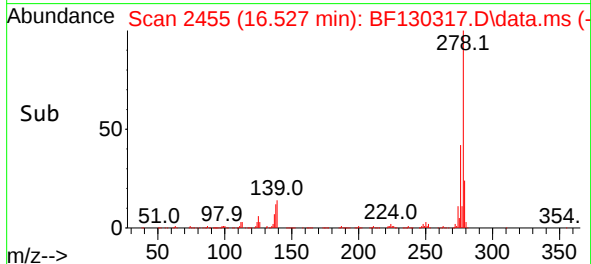
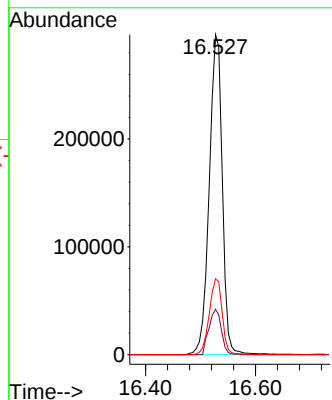
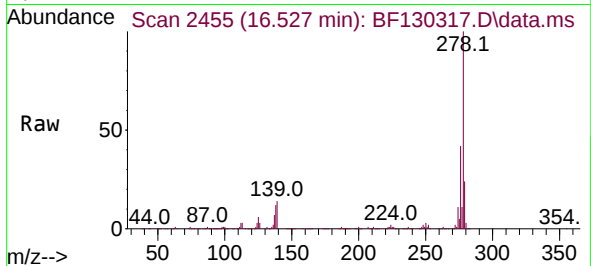




#91
Dibenzo(a,h)anthracene
Concen: 45.739 ng
RT: 16.527 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB147728BSD

Tgt Ion:278 Resp: 490244
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.8
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 44.682 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF130317.D
Acq: 19 Sep 2022 12:51

Tgt Ion:276 Resp: 482432
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 19.2 14.6 21.8

