

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122899.D
 Acq On : 31 Dec 2020 16:48
 Operator : JU/CG
 Sample : L5244-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MS

Quant Time: Dec 31 17:18:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	118276	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	456030	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	247865	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	456698	20.00	ng	0.00
76) Chrysene-d12	14.015	240	311130	20.00	ng	0.00
86) Perylene-d12	15.498	264	322976	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	623924	83.51	ng	0.00
7) Phenol-d6	6.469	99	770269	77.74	ng	0.00
23) Nitrobenzene-d5	7.392	82	481876	52.94	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	254445	78.42	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	927035	50.59	ng	0.00
79) Terphenyl-d14	12.951	244	997550	56.12	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	114412	32.58	ng	99
3) Pyridine	3.304	79	330594	35.62	ng	98
4) n-Nitrosodimethylamine	3.257	42	140208	37.67	ng	97
6) Aniline	6.487	93	272031	23.32	ng	# 56
8) 2-Chlorophenol	6.610	128	375751	45.63	ng	97
9) Benzaldehyde	6.369	77	82764	13.80	ng	97
10) Phenol	6.481	94	469558	45.73	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	387594	49.41	ng	96
12) 1,3-Dichlorobenzene	6.763	146	394866	40.53	ng	99
13) 1,4-Dichlorobenzene	6.839	146	398985	40.61	ng	99
14) 1,2-Dichlorobenzene	6.992	146	380421	40.11	ng	99
15) Benzyl Alcohol	6.975	79	305144	44.73	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	398693	35.65	ng	82
17) 2-Methylphenol	7.086	107	290164	44.33	ng	95
18) Hexachloroethane	7.334	117	140725	40.19	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	243253	42.86	ng	97
20) 3+4-Methylphenols	7.245	107	365132	44.16	ng	# 80
22) Acetophenone	7.234	105	504991	44.54	ng	# 94
24) Nitrobenzene	7.410	77	362874	40.08	ng	99
25) Isophorone	7.651	82	674565	43.03	ng	99
26) 2-Nitrophenol	7.728	139	195477	44.26	ng	97
27) 2,4-Dimethylphenol	7.775	122	320173	49.46	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	412976	38.47	ng	99
29) 2,4-Dichlorophenol	7.981	162	324386	42.91	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	333057	38.89	ng	99
31) Naphthalene	8.133	128	1050970	41.76	ng	99
32) Benzoic acid	7.922	122	234253	45.42	ng	# 76
33) 4-Chloroaniline	8.192	127	158323	15.05	ng	99
34) Hexachlorobutadiene	8.251	225	199227	37.80	ng	99
35) Caprolactam	8.569	113	63721	27.99	ng	# 78
36) 4-Chloro-3-methylphenol	8.686	107	323130	43.40	ng	98
37) 2-Methylnaphthalene	8.828	142	715327	42.97	ng	99
38) 1-Methylnaphthalene	8.928	142	647638	41.13	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	323553	39.41	ng	99
41) Hexachlorocyclopentadiene	8.980	237	63787	17.57	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	220805	38.94	ng	98

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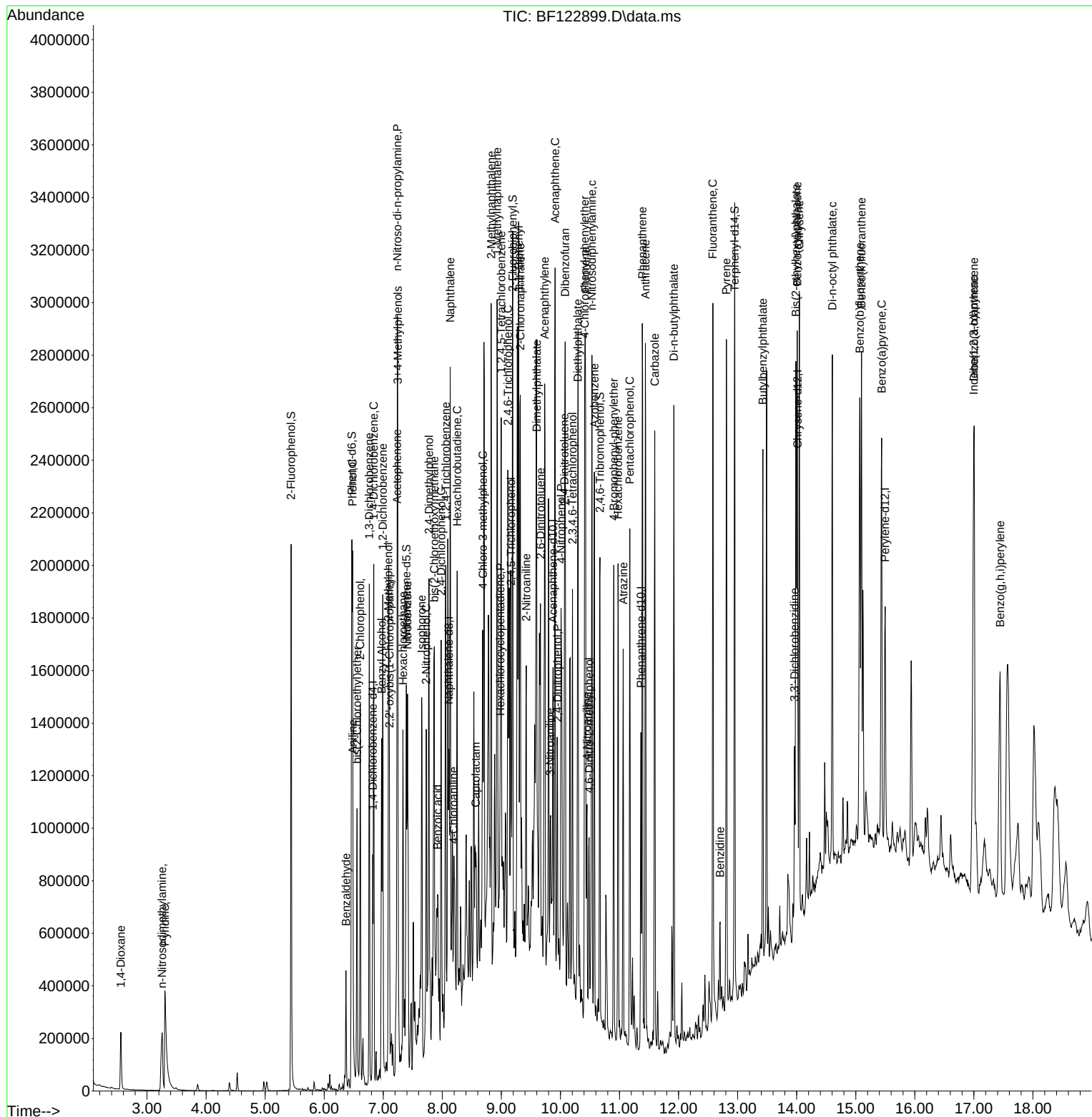
Instrument :
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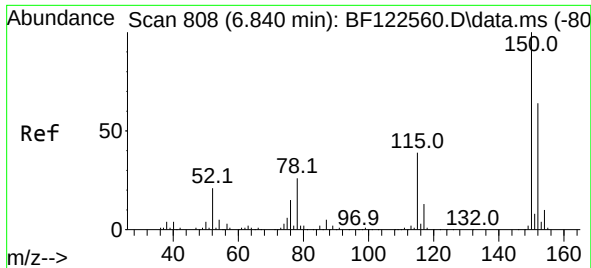
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	230707	39.36	ng	98
46) 1,1'-Biphenyl	9.292	154	820495	39.89	ng	98
47) 2-Chloronaphthalene	9.322	162	643582	37.76	ng	98
48) 2-Nitroaniline	9.422	65	192867	38.81	ng	96
49) Acenaphthylene	9.733	152	1007625	40.03	ng	99
50) Dimethylphthalate	9.598	163	836471	42.26	ng	100
51) 2,6-Dinitrotoluene	9.663	165	177084	42.36	ng	99
52) Acenaphthene	9.910	154	594709	36.51	ng	98
53) 3-Nitroaniline	9.827	138	100963	20.90	ng	# 92
54) 2,4-Dinitrophenol	9.951	184	152813	74.76	ng	# 91
55) Dibenzofuran	10.080	168	910177	39.73	ng	99
56) 4-Nitrophenol	10.010	139	256082	74.34	ng	88
57) 2,4-Dinitrotoluene	10.069	165	229029	41.13	ng	97
58) Fluorene	10.422	166	733519	40.25	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	200317	38.90	ng	# 96
60) Diethylphthalate	10.292	149	765184	39.74	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	361125	40.25	ng	99
62) 4-Nitroaniline	10.451	138	167300	34.12	ng	96
63) Azobenzene	10.575	77	703892	39.77	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	108640	39.01	ng	93
66) n-Nitrosodiphenylamine	10.533	169	654034	40.53	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	244760	39.55	ng	95
68) Hexachlorobenzene	10.974	284	261161	38.17	ng	99
69) Atrazine	11.063	200	189813	36.22	ng	99
70) Pentachlorophenol	11.174	266	267490	73.80	ng	99
71) Phenanthrene	11.386	178	1113053	41.01	ng	99
72) Anthracene	11.439	178	1120371	41.63	ng	100
73) Carbazole	11.598	167	970391	39.76	ng	99
74) Di-n-butylphthalate	11.921	149	1219314	39.76	ng	100
75) Fluoranthene	12.580	202	1073808	37.73	ng	99
77) Benzidine	12.704	184	167917	24.95	ng	100
78) Pyrene	12.810	202	1067892	44.39	ng	99
80) Butylbenzylphthalate	13.427	149	448650	41.41	ng	96
81) Benzo(a)anthracene	14.010	228	915966	44.05	ng	98
82) 3,3'-Dichlorobenzidine	13.963	252	163459	21.95	ng	# 98
83) Chrysene	14.045	228	862447	41.68	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	617373	41.61	ng	99
85) Di-n-octyl phthalate	14.604	149	972365	39.51	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	982933	46.36	ng	99
88) Benzo(b)fluoranthene	15.068	252	951570	41.99	ng	100
89) Benzo(k)fluoranthene	15.098	252	859065	41.46	ng	99
90) Benzo(a)pyrene	15.439	252	847857	42.77	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	812914	46.85	ng	99
92) Benzo(g,h,i)perylene	17.445	276	814595	48.51	ng	98

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

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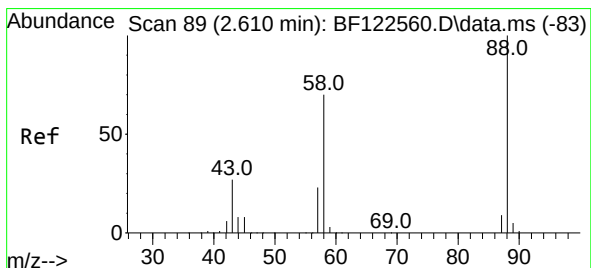
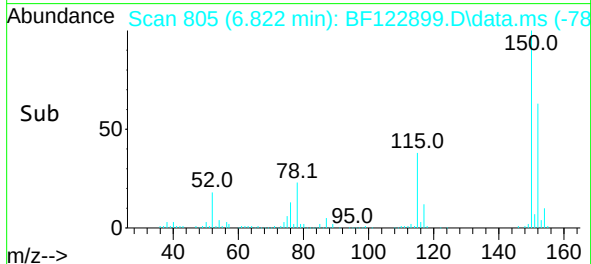
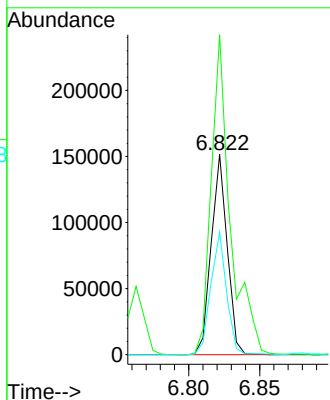
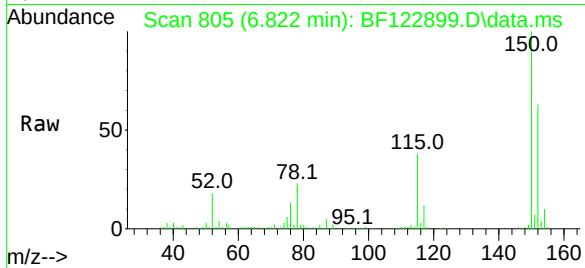




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF122899.D
 Acq: 31 Dec 2020 16:48

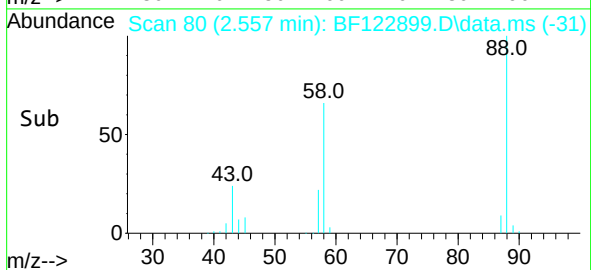
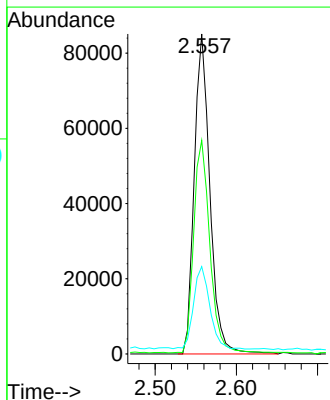
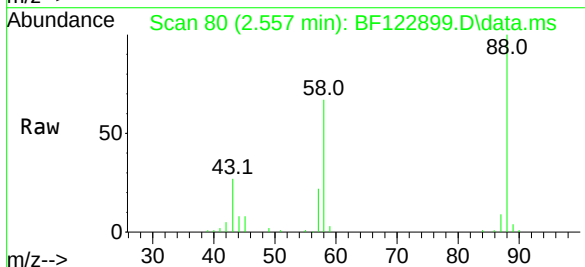
Instrument :
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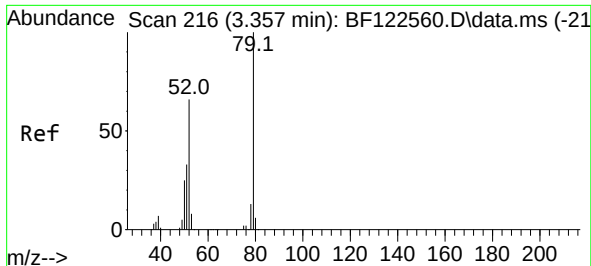
Tgt Ion:152 Resp: 118276
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.8 188.6
 115 61.2 49.3 73.9



#2
 1,4-Dioxane
 Concen: 32.58 ng
 RT: 2.557 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF122899.D
 Acq: 31 Dec 2020 16:48

Tgt Ion: 88 Resp: 114412
 Ion Ratio Lower Upper
 88 100
 58 71.2 56.2 84.2
 43 26.6 21.8 32.6

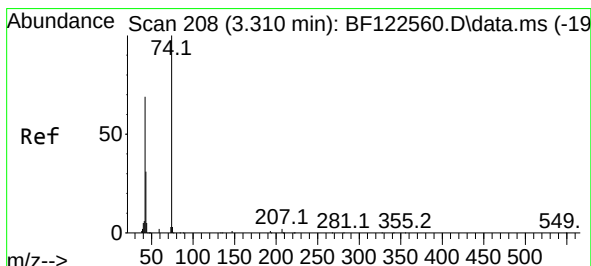
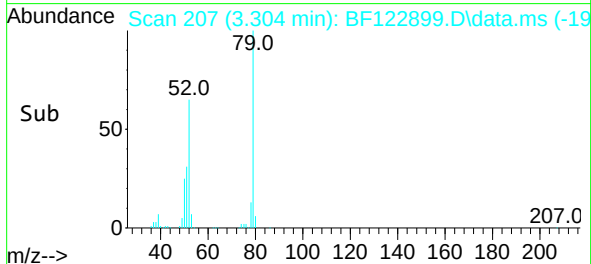
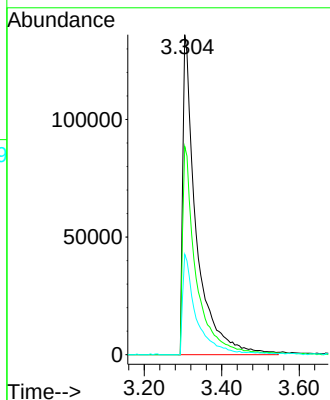
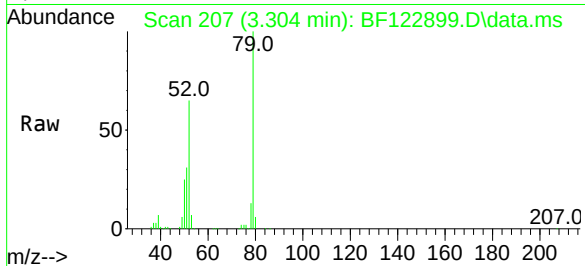




#3
Pyridine
Concen: 35.62 ng
RT: 3.304 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

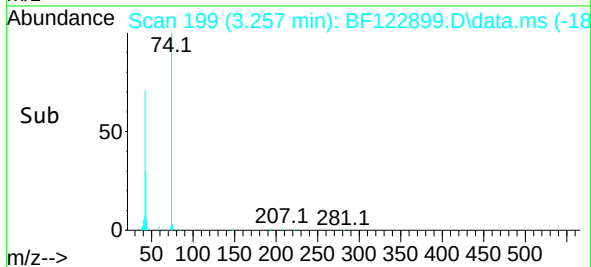
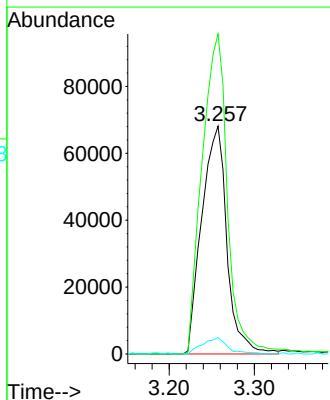
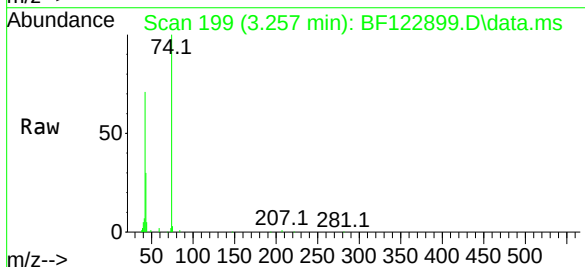
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

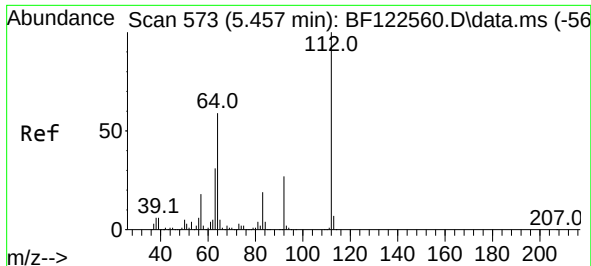
Tgt Ion: 79 Resp: 330594
Ion Ratio Lower Upper
79 100
52 65.0 53.0 79.4
51 31.3 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 37.67 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.018 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 42 Resp: 140208
Ion Ratio Lower Upper
42 100
74 140.5 115.2 172.8
44 7.2 5.4 8.0

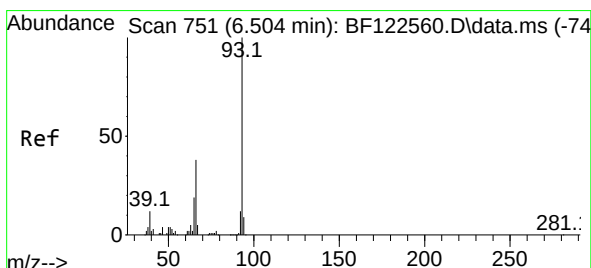
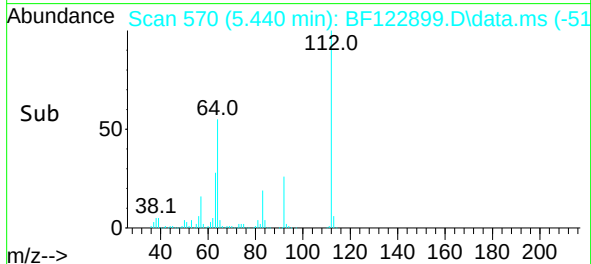
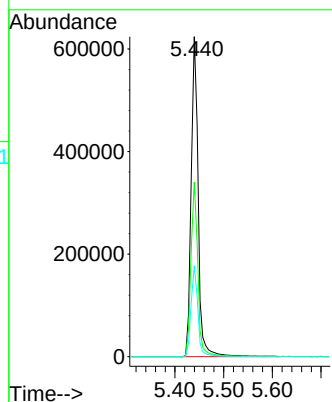
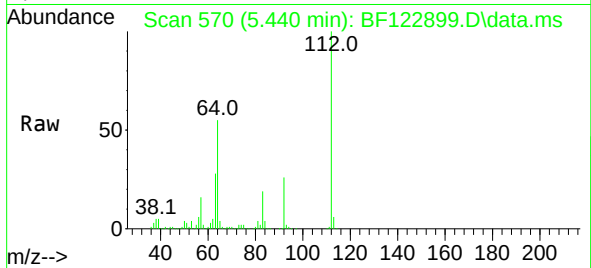




#5
2-Fluorophenol
Concen: 83.51 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

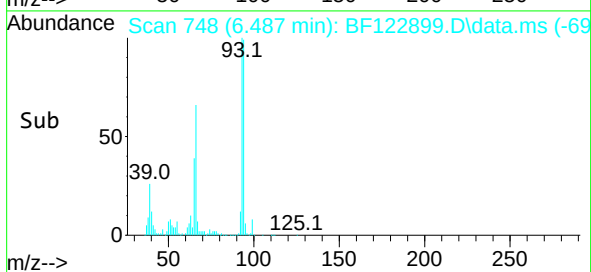
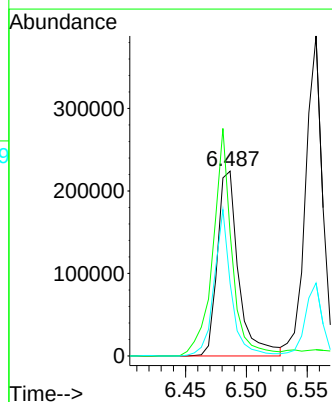
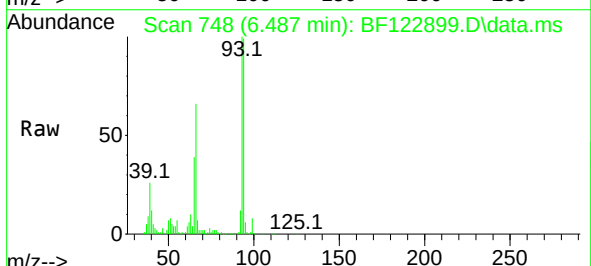
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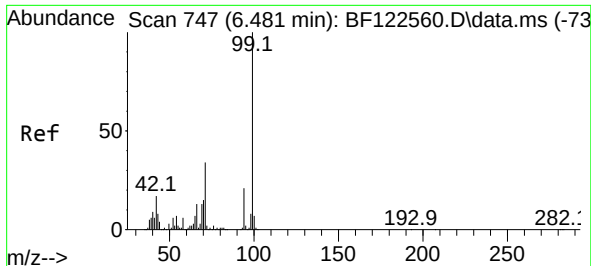
Tgt Ion:112 Resp: 623924
Ion Ratio Lower Upper
112 100
64 54.6 46.9 70.3
63 28.4 24.5 36.7



#6
Aniline
Concen: 23.32 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 93 Resp: 272031
Ion Ratio Lower Upper
93 100
66 66.4 31.3 46.9#
65 39.2 15.6 23.4#

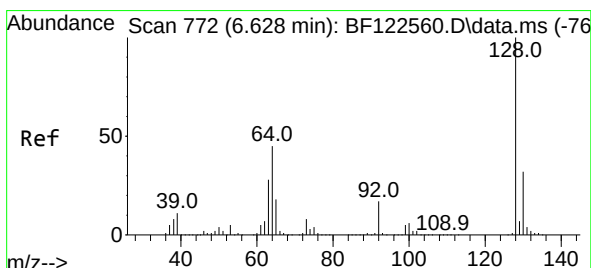
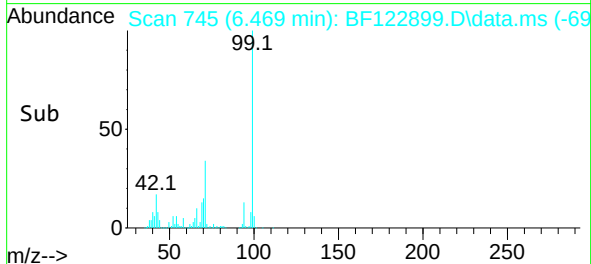
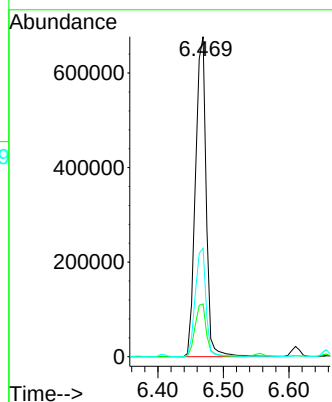
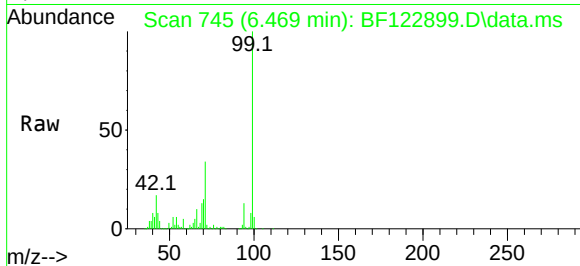




#7
Phenol-d6
Concen: 77.74 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

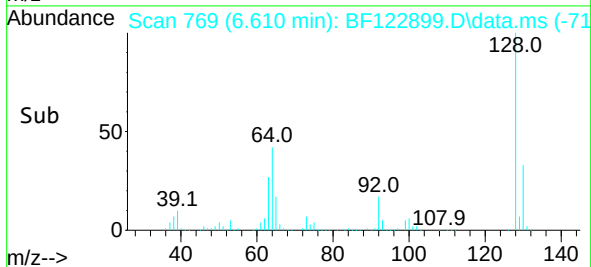
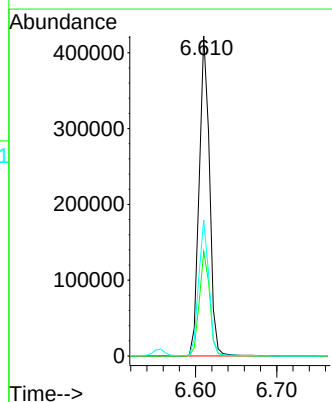
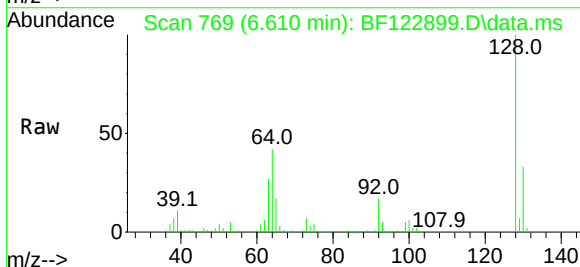
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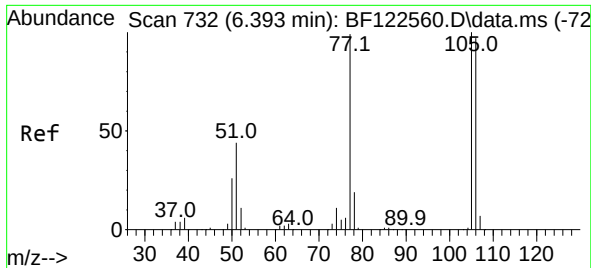
Tgt Ion:	99	Resp:	770269
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	33.8	26.9	40.3



#8
2-Chlorophenol
Concen: 45.63 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:	128	Resp:	375751
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	42.5	25.5	65.5

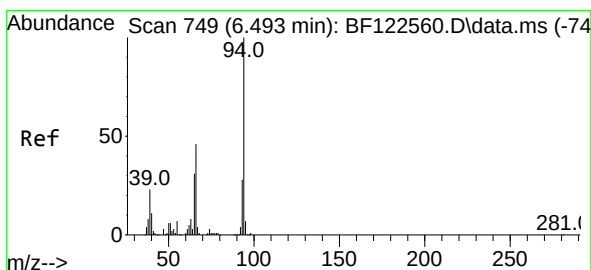
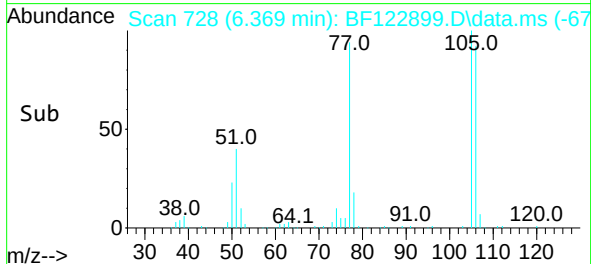
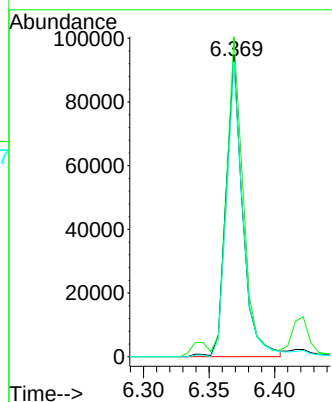
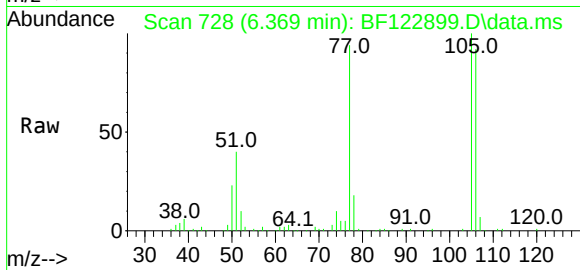




#9
Benzaldehyde
Concen: 13.80 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

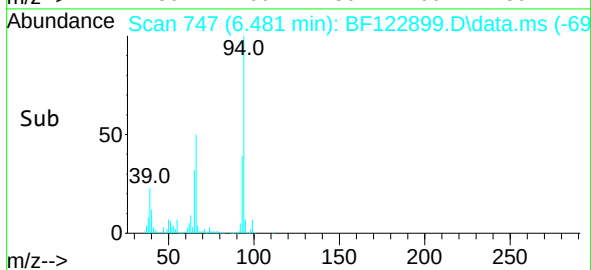
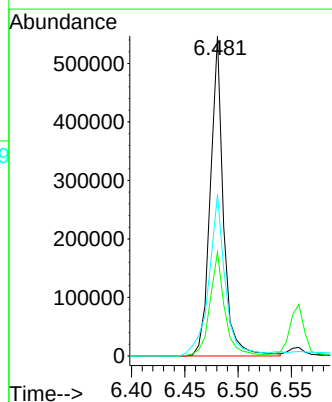
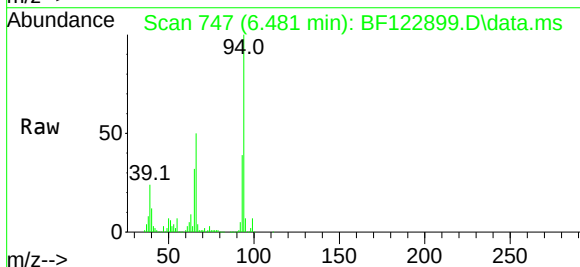
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ClientSampleId :
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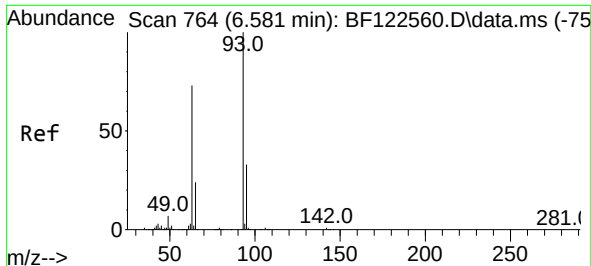
Tgt Ion: 77 Resp: 82764
Ion Ratio Lower Upper
77 100
105 106.4 80.6 120.6
106 98.1 77.2 117.2



#10
Phenol
Concen: 45.73 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122899.D
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Tgt Ion: 94 Resp: 469558
Ion Ratio Lower Upper
94 100
65 32.4 11.2 51.2
66 50.4 25.8 65.8

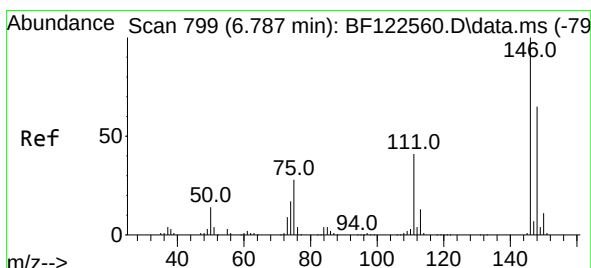
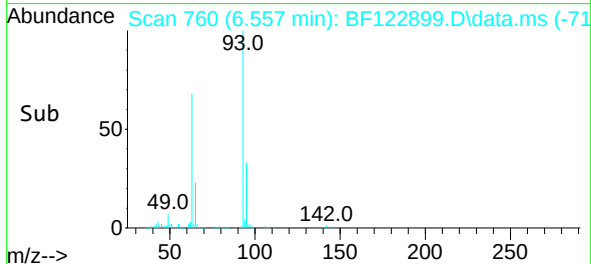
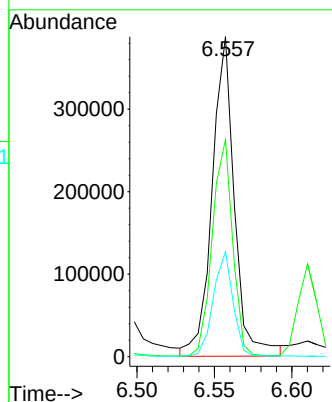
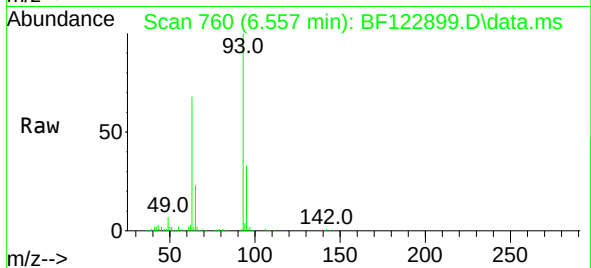




#11
bis(2-Chloroethyl)ether
Concen: 49.41 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

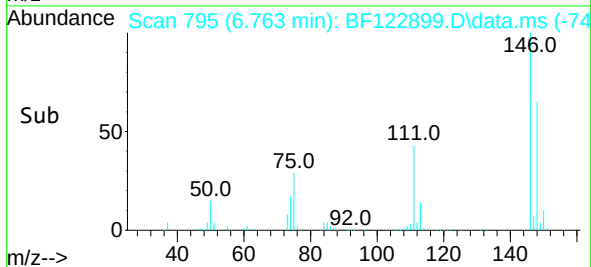
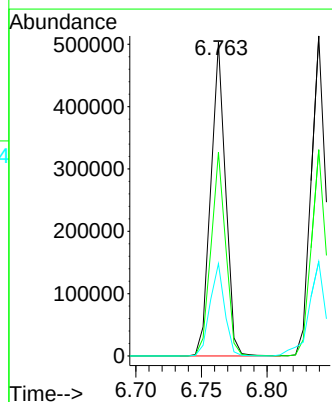
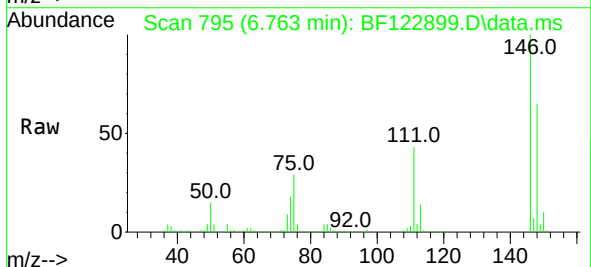
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

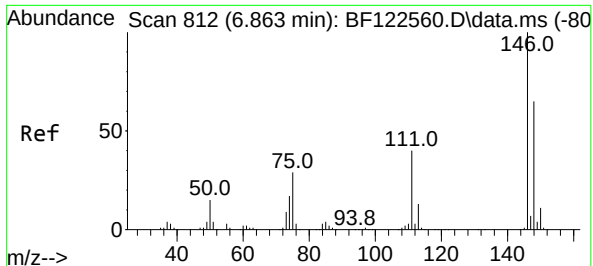
Tgt Ion: 93 Resp: 387594
Ion Ratio Lower Upper
93 100
63 67.9 52.6 92.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.53 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:146 Resp: 394866
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.4 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 40.61 ng

RT: 6.839 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

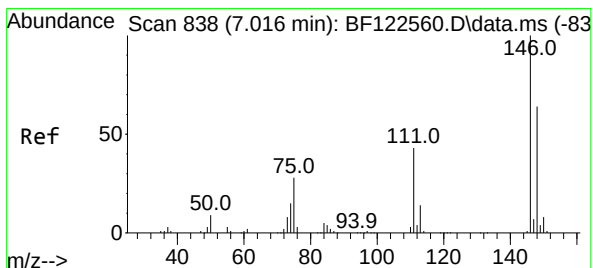
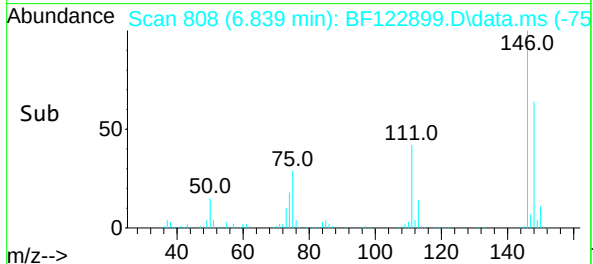
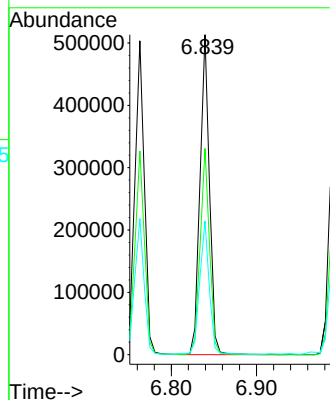
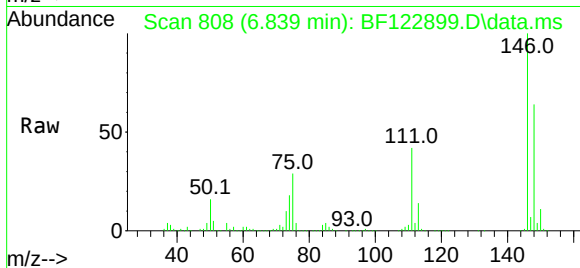
Tgt Ion:146 Resp: 398985

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

111 41.8 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 40.11 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

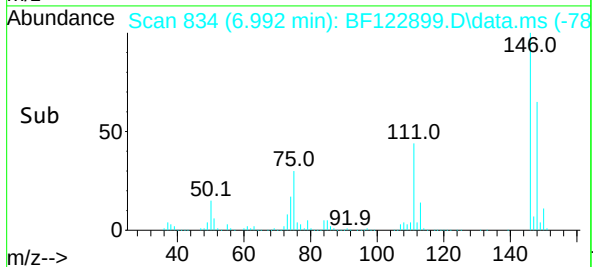
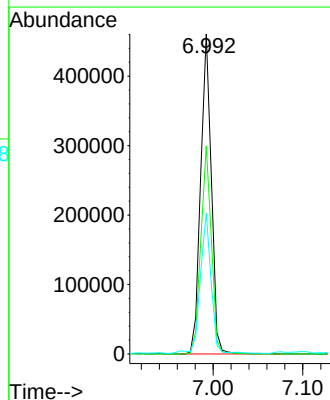
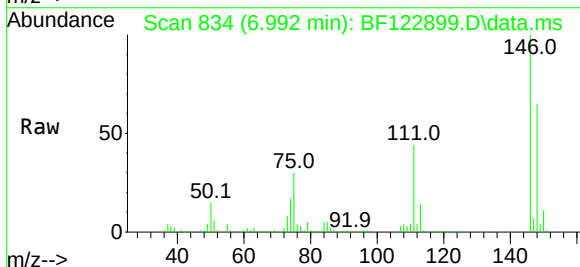
Tgt Ion:146 Resp: 380421

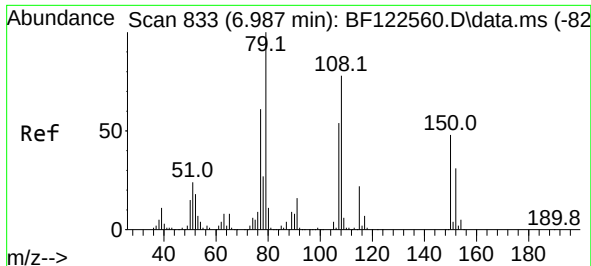
Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

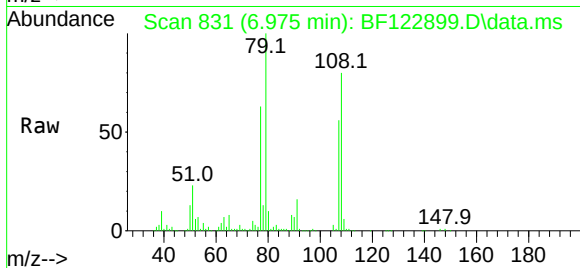
111 44.1 34.2 51.2



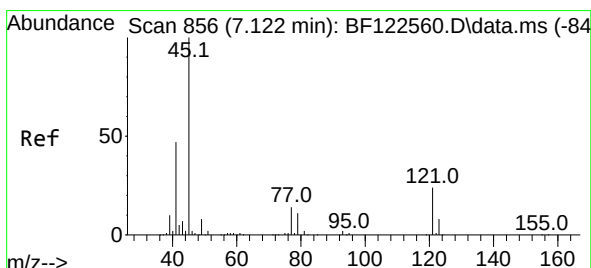
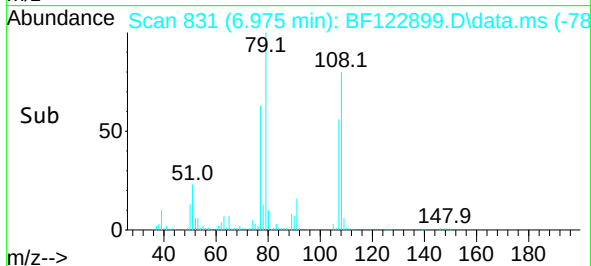
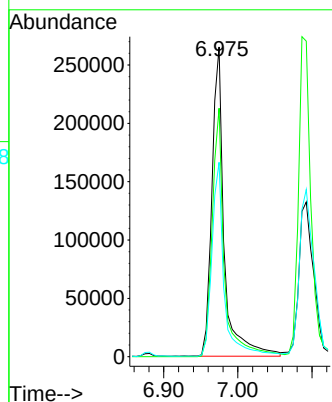


#15
Benzyl Alcohol
Concen: 44.73 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

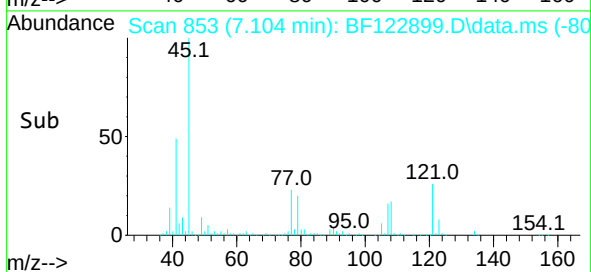
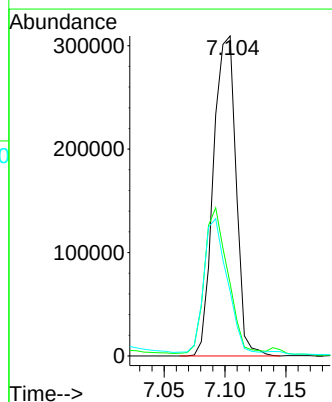
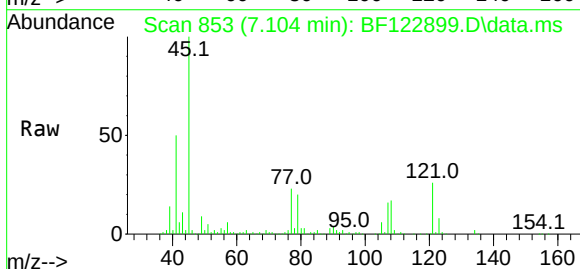


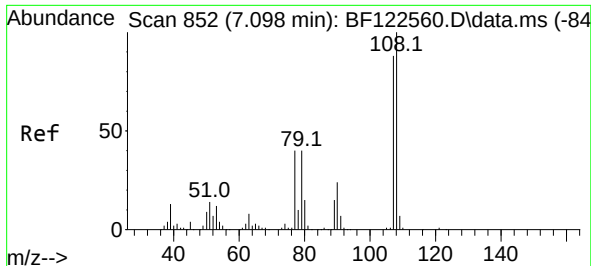
Tgt Ion: 79	Resp: 305144
Ion Ratio	Lower Upper
79 100	
108 80.2	62.4 93.6
77 62.8	49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.65 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 45	Resp: 398693
Ion Ratio	Lower Upper
45 100	
77 22.7	0.0 35.6
79 20.3	0.0 32.4

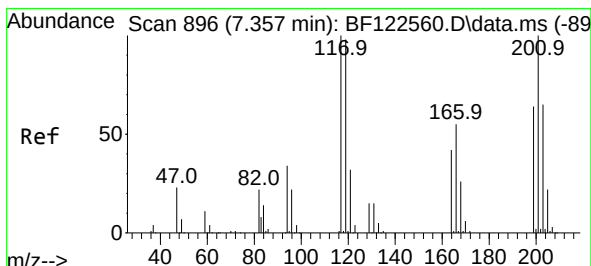
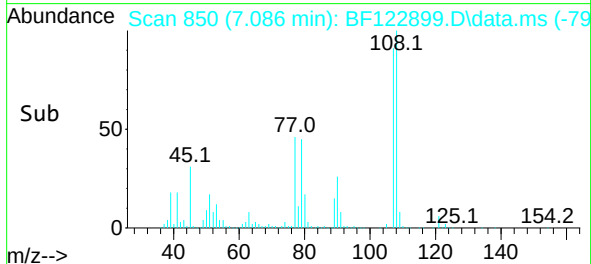
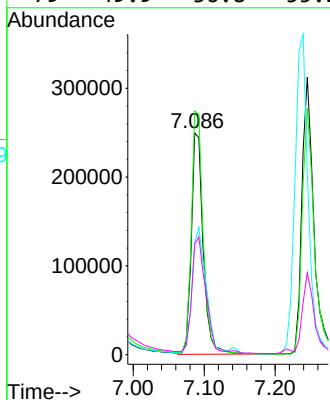
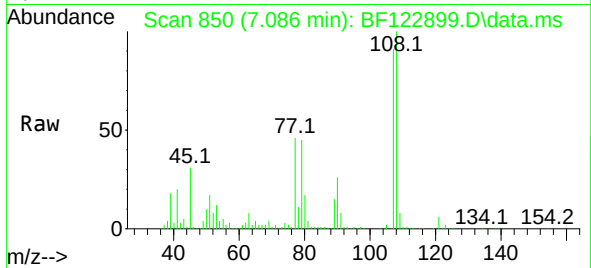




#17
2-Methylphenol
Concen: 44.33 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

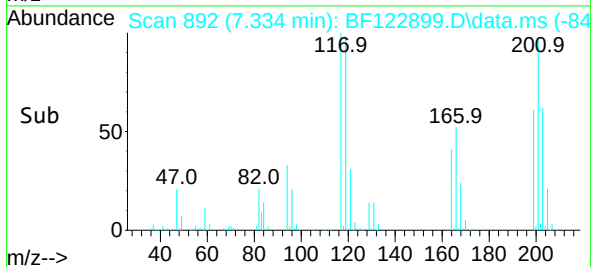
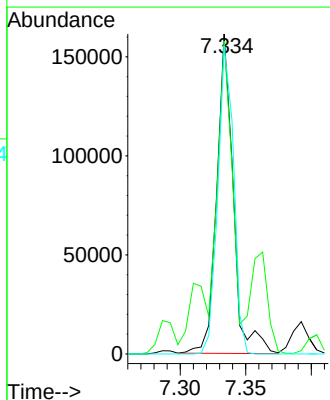
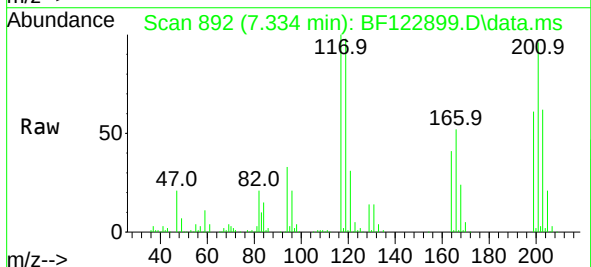
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

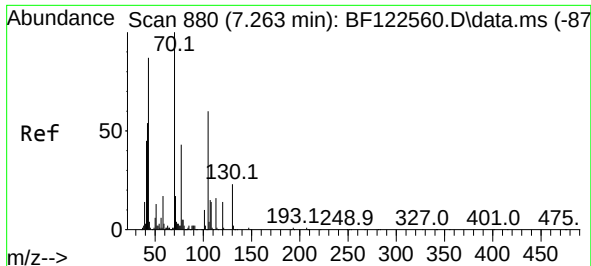
Tgt Ion:	107	Resp:	290164
Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.1	136.7
77	50.6	36.3	54.5
79	49.9	36.8	55.2



#18
Hexachloroethane
Concen: 40.19 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:	117	Resp:	140725
Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.4	117.6
201	96.2	79.6	119.4



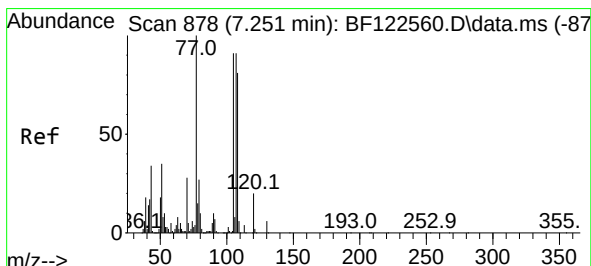
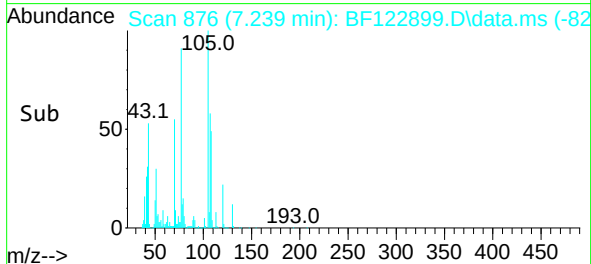
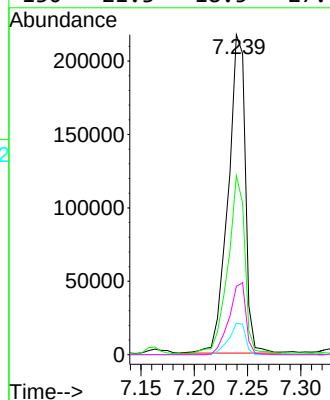
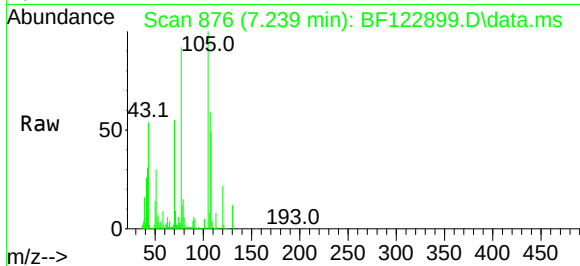


#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

Tgt Ion: 70 Resp: 243253

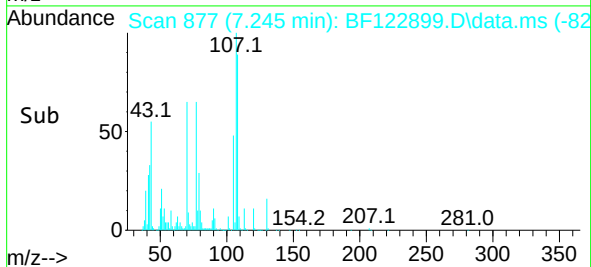
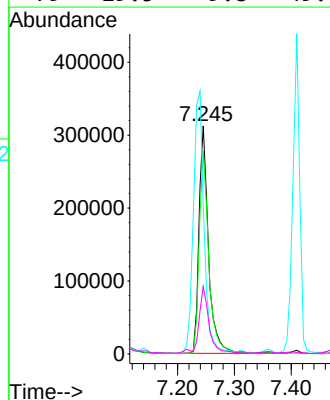
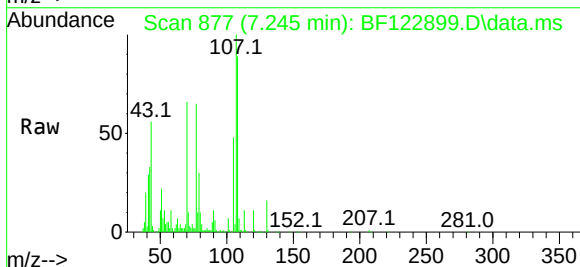
Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.0	64.4
101	9.8	7.9	11.9
130	21.3	18.5	27.7

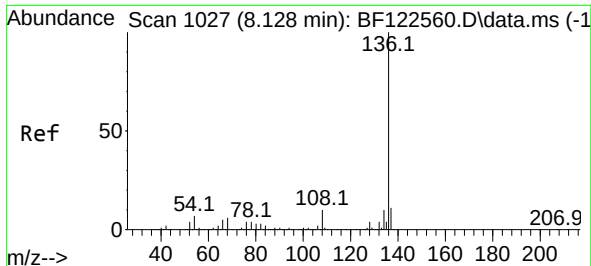


#20
3+4-Methylphenols
Concen: 44.16 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 107 Resp: 365132

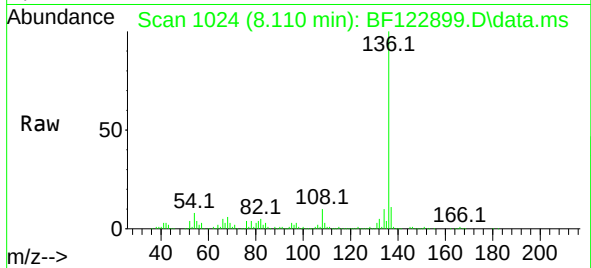
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.7	108.7
77	65.1	89.8	129.8#
79	29.5	9.8	49.8



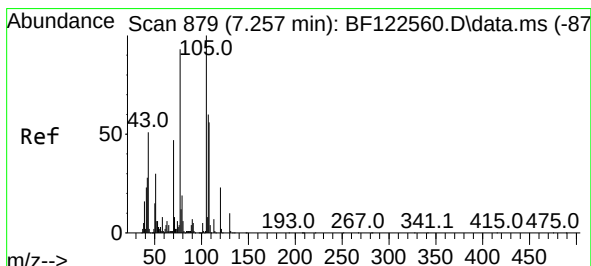
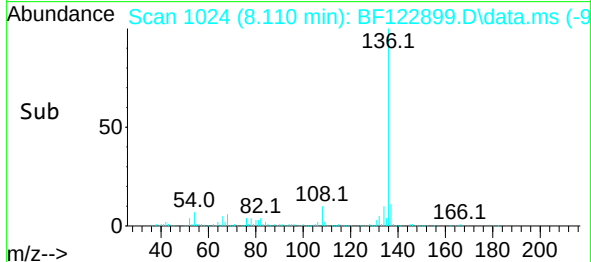
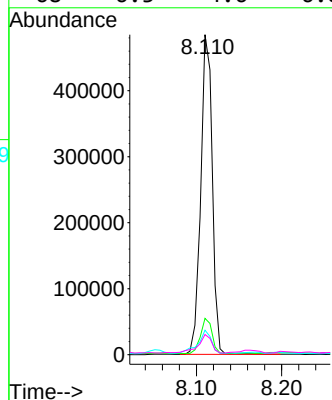


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

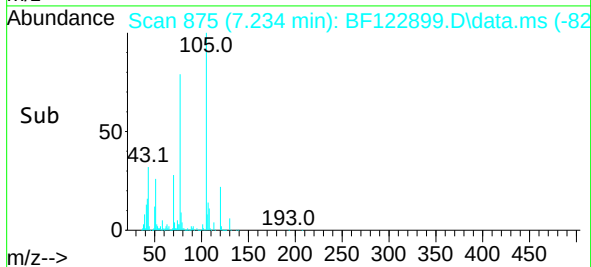
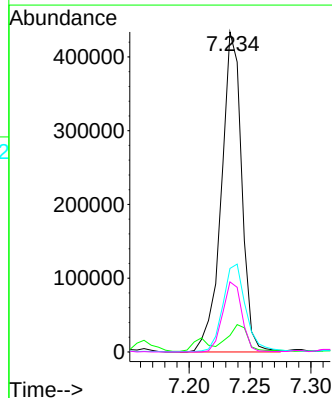
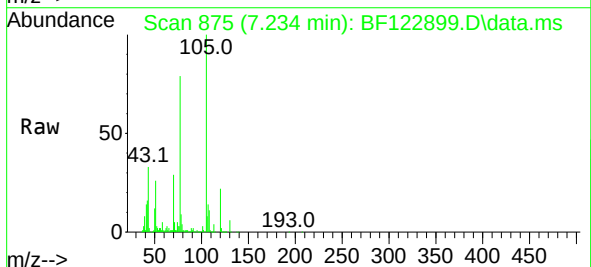


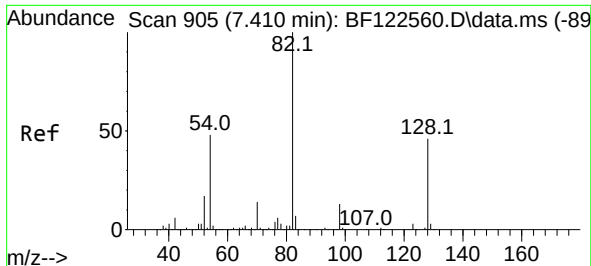
Tgt Ion:136 Resp: 456030
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.7 5.5 8.3
68 6.3 4.6 6.8



#22
Acetophenone
Concen: 44.54 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:105 Resp: 504991
Ion Ratio Lower Upper
105 100
71 5.2 6.5 9.7#
51 26.1 24.3 36.5
120 21.9 18.1 27.1





#23

Nitrobenzene-d5

Concen: 52.94 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

Tgt Ion: 82 Resp: 481876

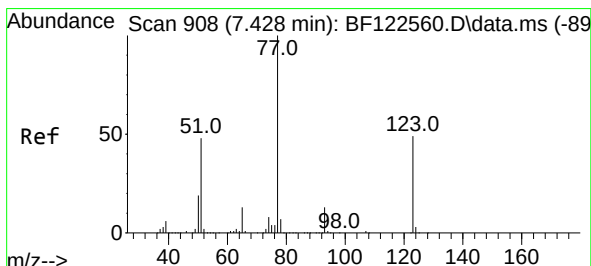
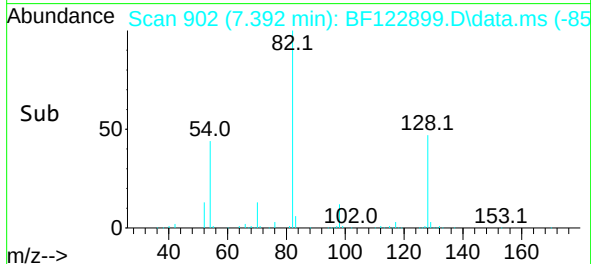
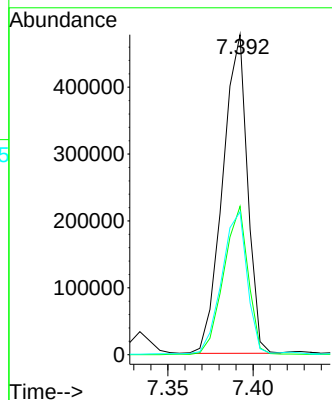
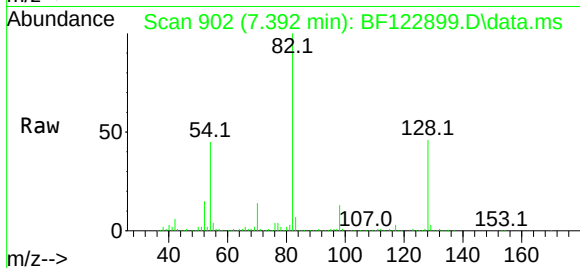
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	44.7	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MS



#24

Nitrobenzene

Concen: 40.08 ng

RT: 7.410 min Scan# 905

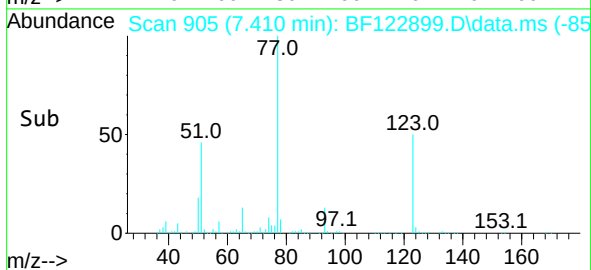
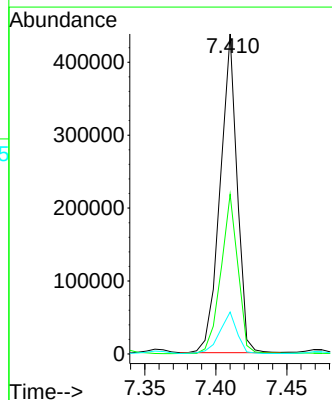
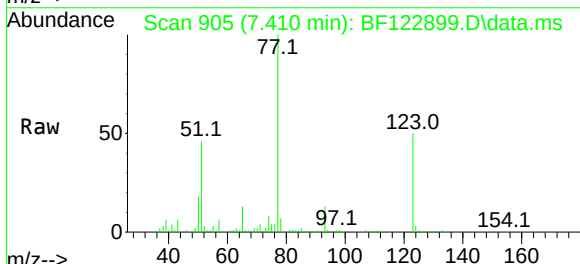
Delta R.T. -0.006 min

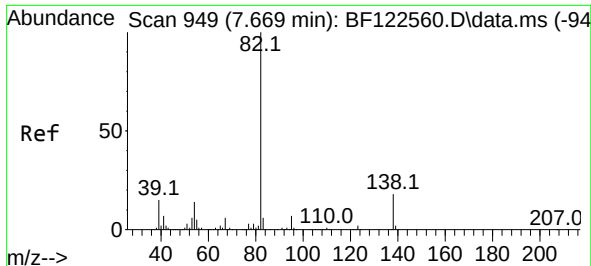
Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

Tgt Ion: 77 Resp: 362874

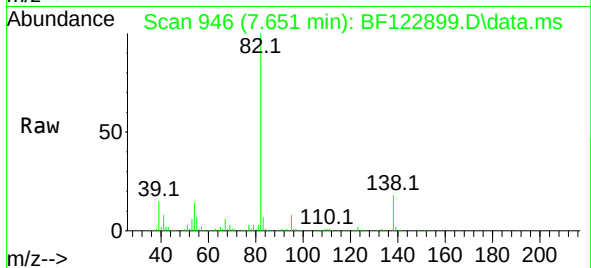
Ion	Ratio	Lower	Upper
77	100		
123	49.9	39.3	58.9
65	13.1	10.6	15.8



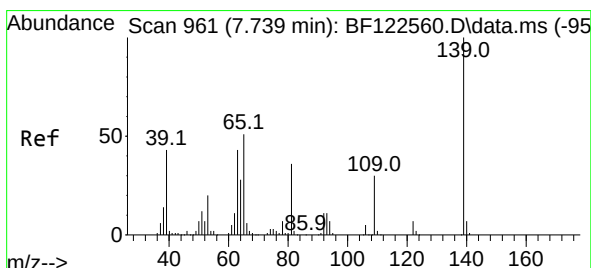
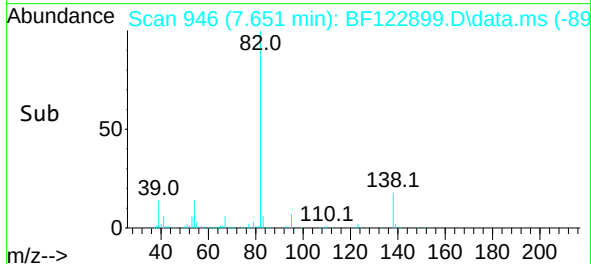
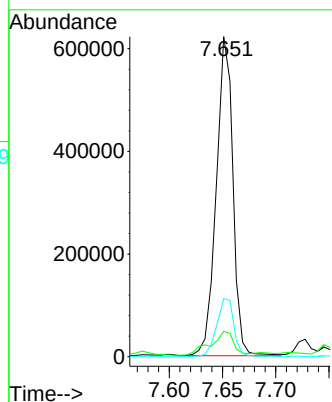


#25
Isophorone
Concen: 43.03 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

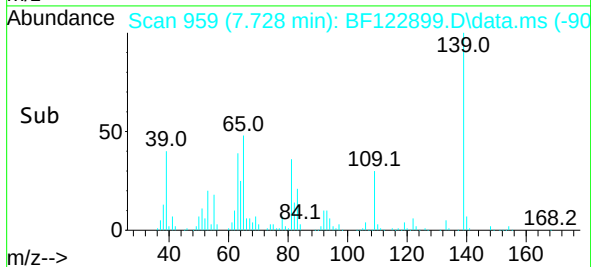
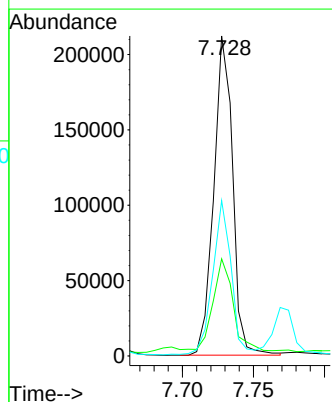
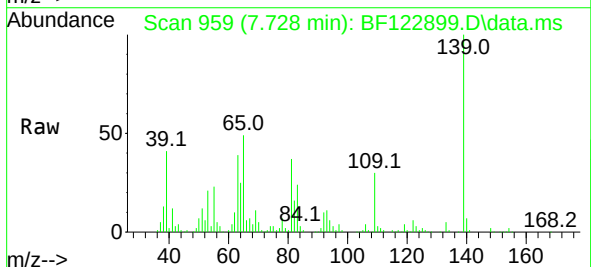


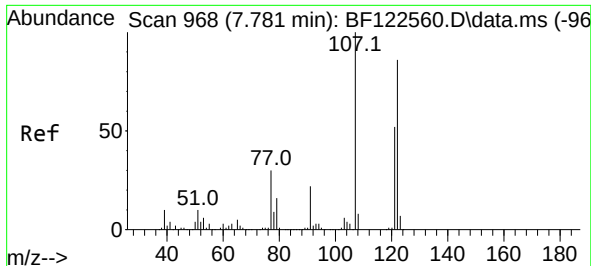
Tgt Ion: 82 Resp: 674565
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.6
138 18.1 14.6 21.8



#26
2-Nitrophenol
Concen: 44.26 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 139 Resp: 195477
Ion Ratio Lower Upper
139 100
109 30.4 24.0 36.0
65 48.5 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.46 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

Tgt Ion:122 Resp: 320173

Ion Ratio Lower Upper

122 100

107 111.3 91.8 137.8

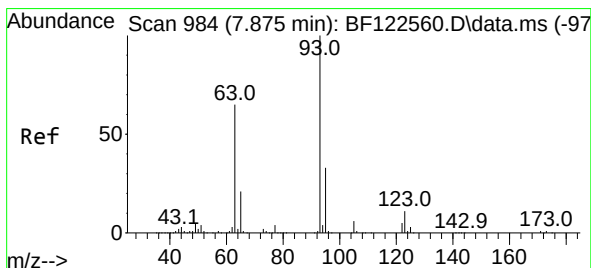
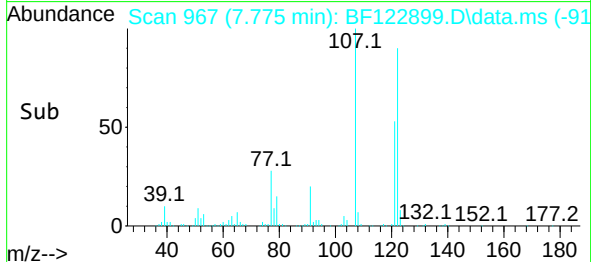
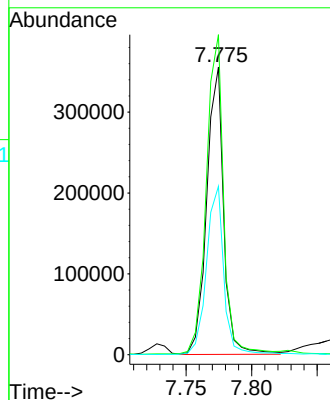
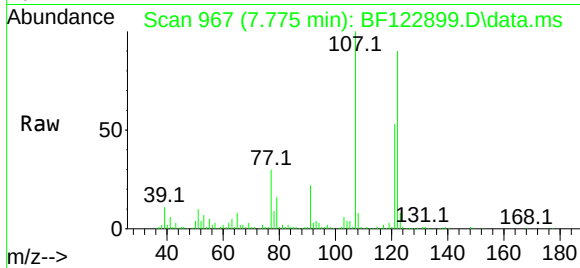
121 58.5 47.3 70.9

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MS



#28

bis(2-Chloroethoxy)methane

Concen: 38.47 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

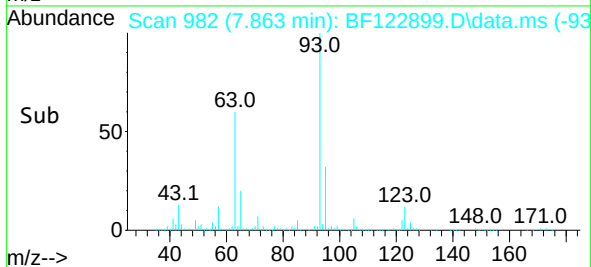
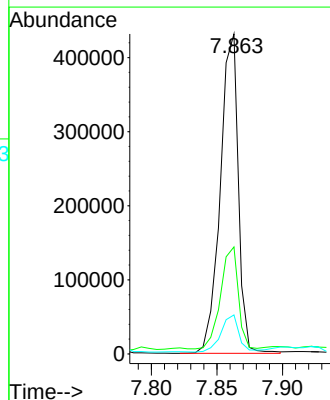
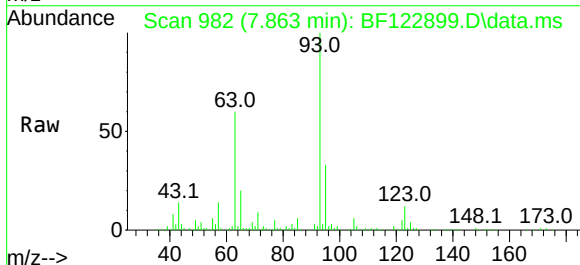
Tgt Ion: 93 Resp: 412976

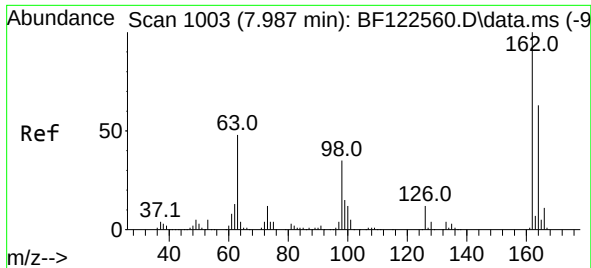
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 12.2 9.2 13.8

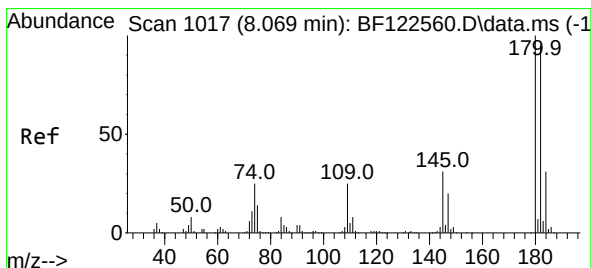
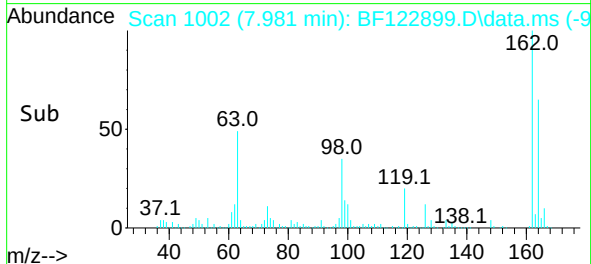
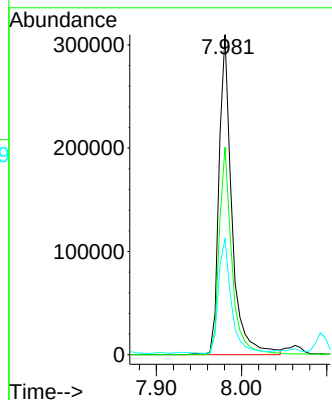
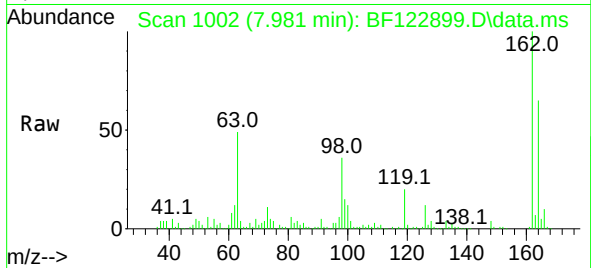




#29
2,4-Dichlorophenol
Concen: 42.91 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

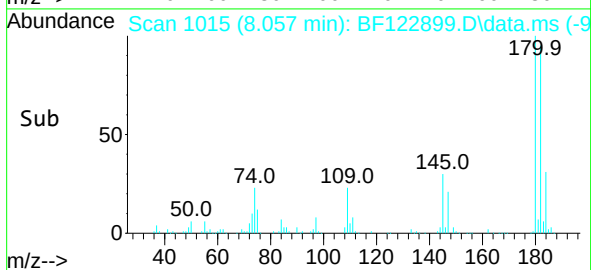
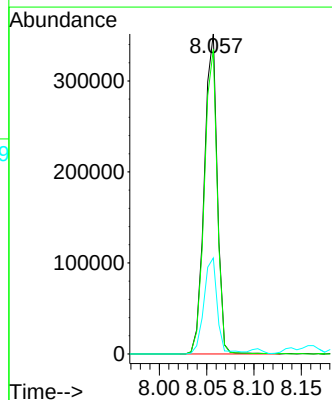
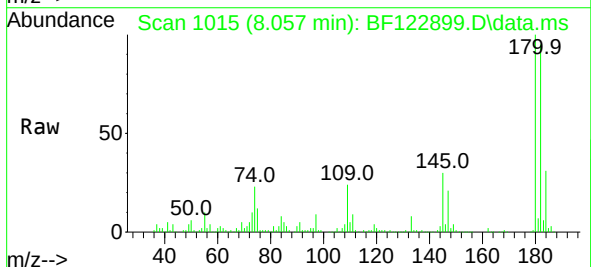
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

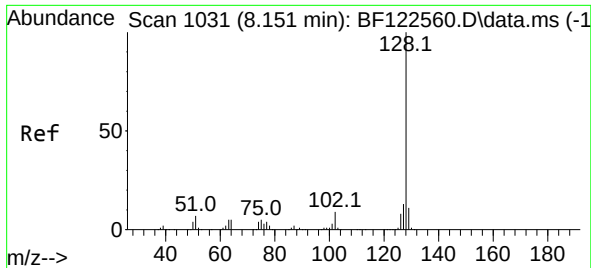
Tgt Ion:162 Resp: 324386
Ion Ratio Lower Upper
162 100
164 64.9 43.2 83.2
98 36.1 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 38.89 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:180 Resp: 333057
Ion Ratio Lower Upper
180 100
182 95.1 75.7 113.5
145 30.0 25.0 37.4

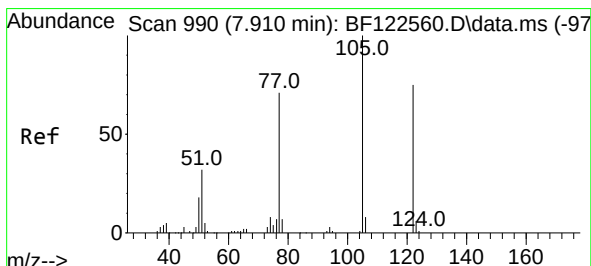
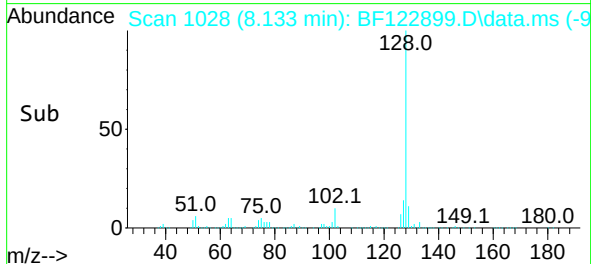
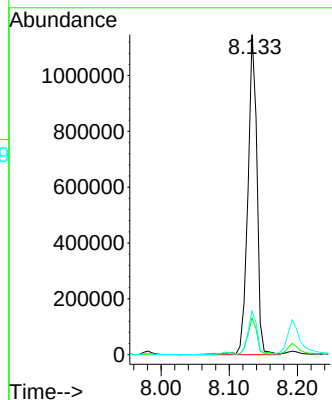
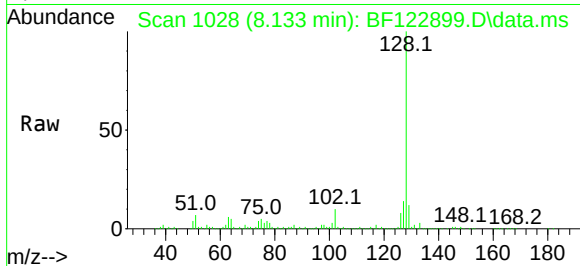




#31
Naphthalene
Concen: 41.76 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

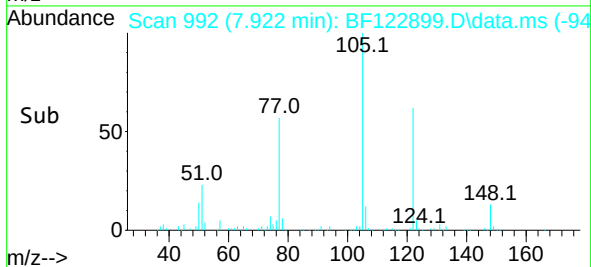
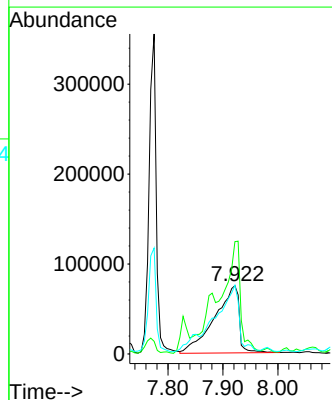
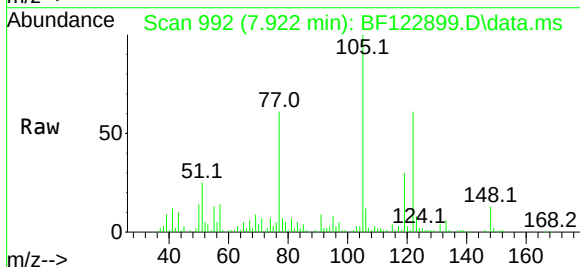
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

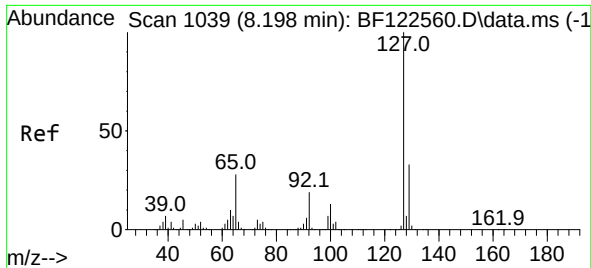
Tgt Ion:128 Resp: 1050970
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 45.42 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:122 Resp: 234253
Ion Ratio Lower Upper
122 100
105 164.4 104.8 144.8#
77 100.4 71.0 111.0

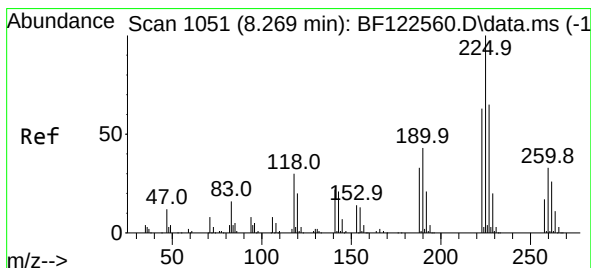
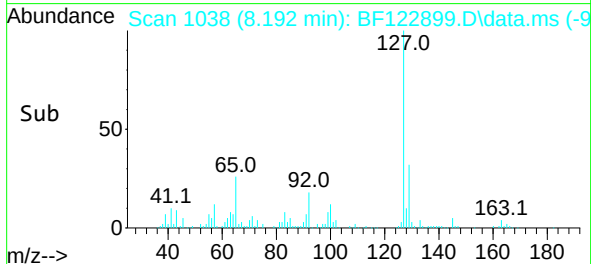
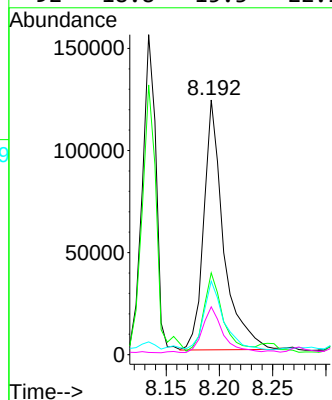
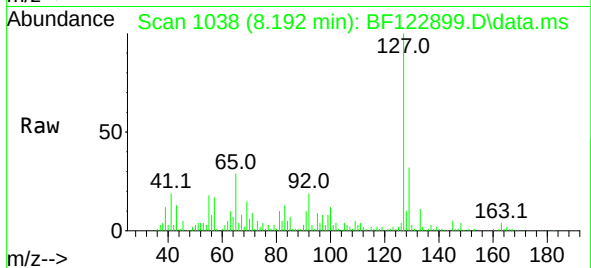




#33
4-Chloroaniline
Concen: 15.05 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

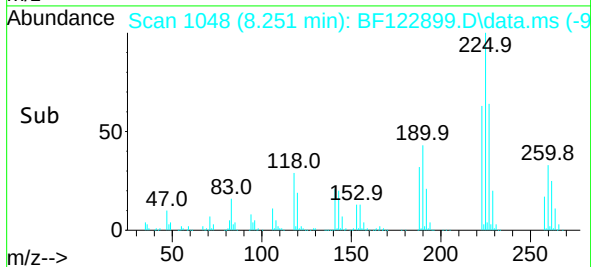
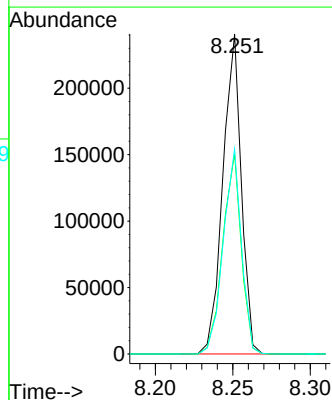
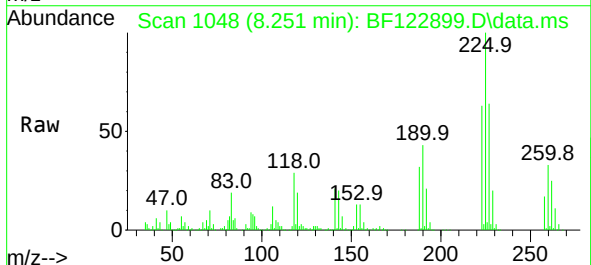
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

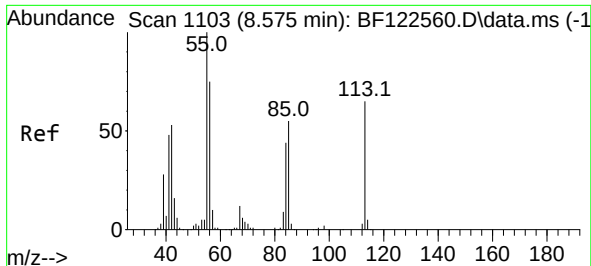
Tgt Ion:	127	Resp:	158323
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	28.8	22.2	33.2
92	18.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:	225	Resp:	199227
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.0	51.7	77.5

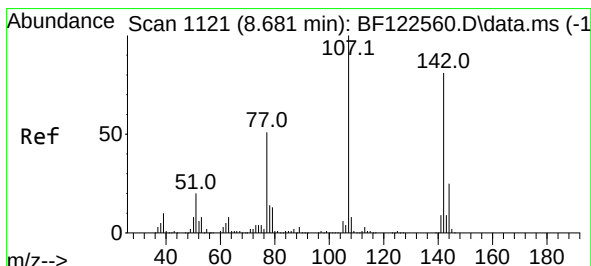
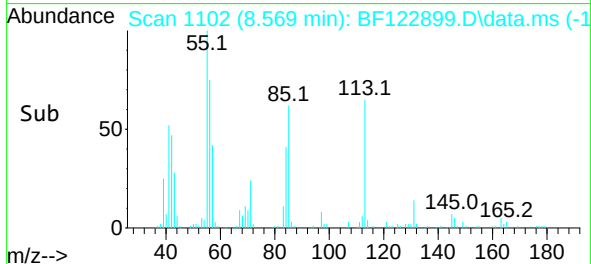
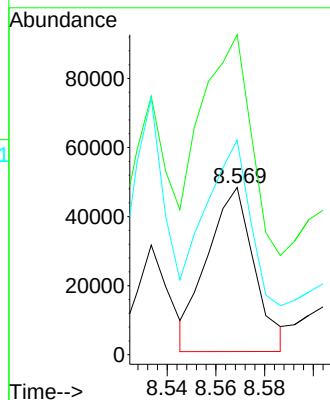
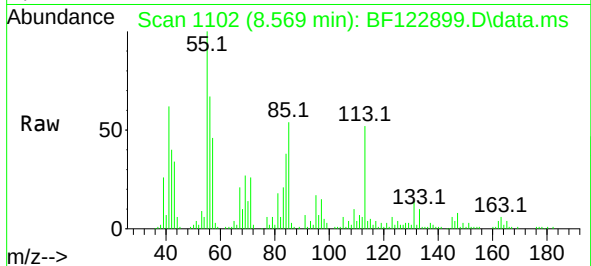




#35
Caprolactam
Concen: 27.99 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.012 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

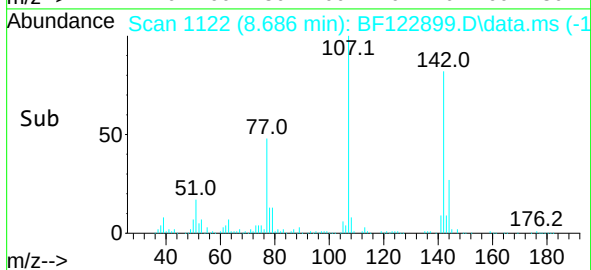
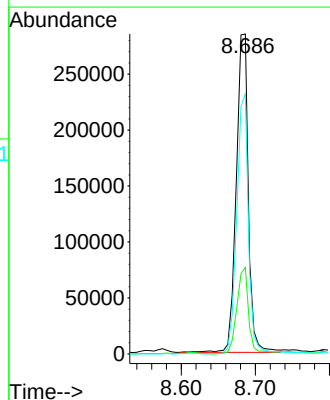
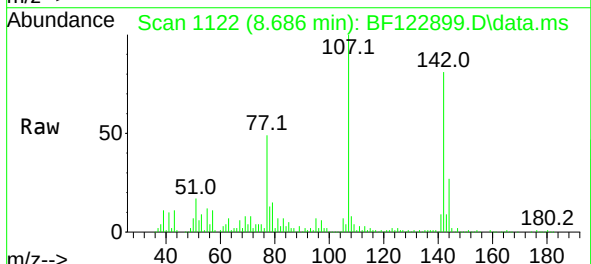
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

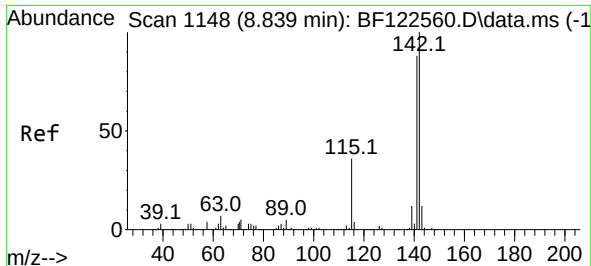
Tgt Ion:113 Resp: 63721
Ion Ratio Lower Upper
113 100
55 191.4 133.7 173.7#
56 128.4 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 43.40 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:107 Resp: 323130
Ion Ratio Lower Upper
107 100
144 27.1 20.2 30.2
142 81.2 64.4 96.6

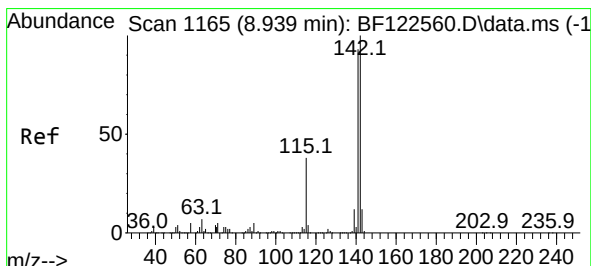
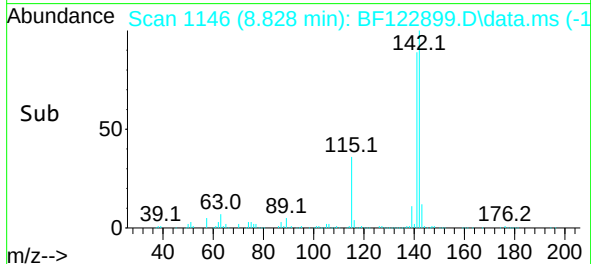
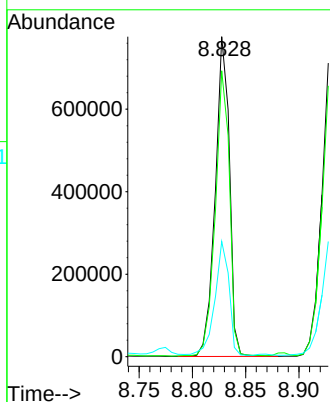
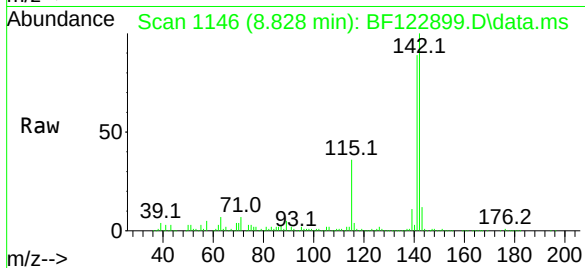




#37
2-Methylnaphthalene
Concen: 42.97 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

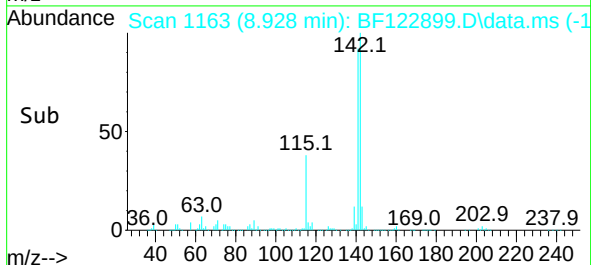
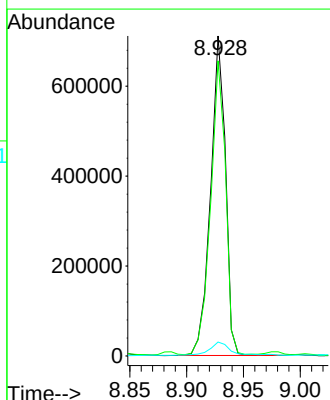
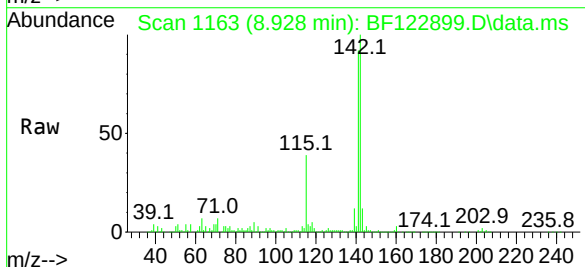
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

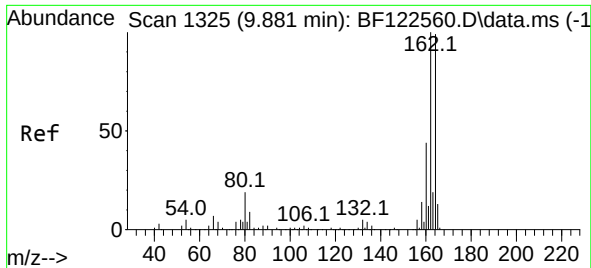
Tgt Ion:142 Resp: 715327
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 36.0 28.7 43.1



#38
1-Methylnaphthalene
Concen: 41.13 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:142 Resp: 647638
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7
116 4.3 3.2 4.8

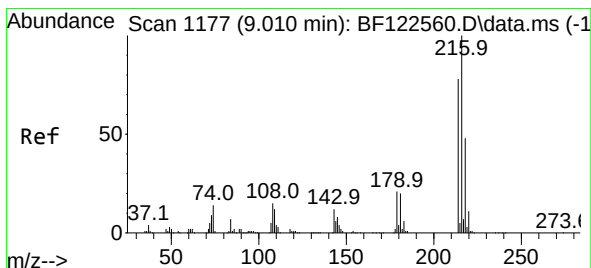
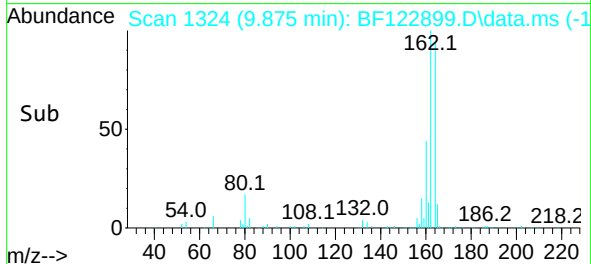
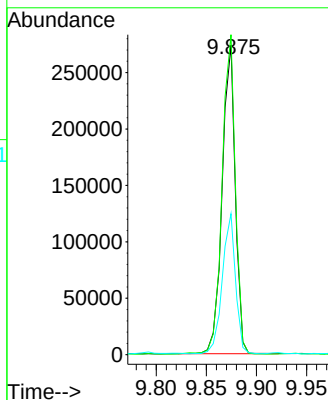
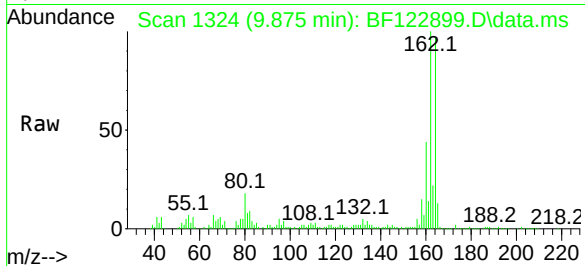




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

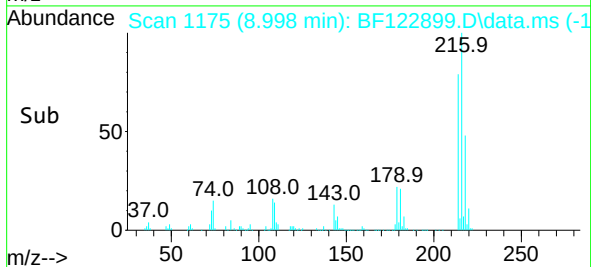
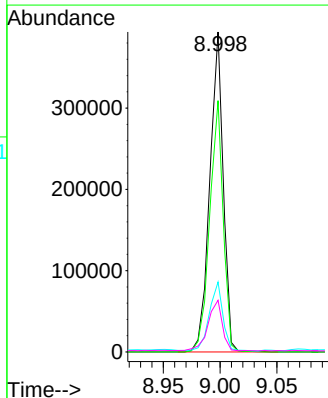
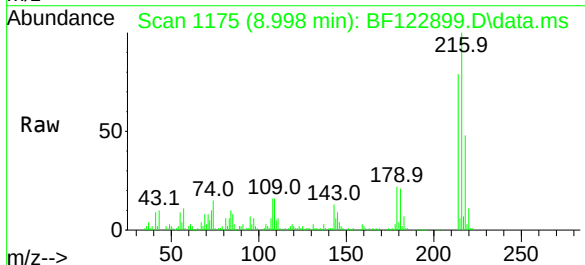
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

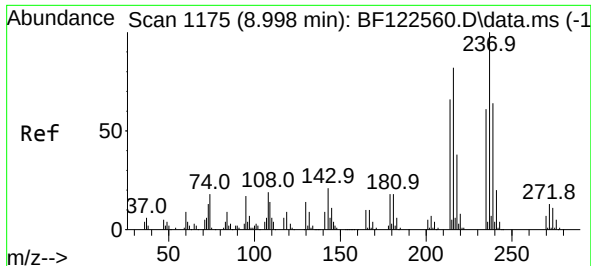
Tgt Ion:164 Resp: 247865
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 45.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.41 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:216 Resp: 323553
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 21.7 17.1 25.7
108 16.8 14.6 21.8

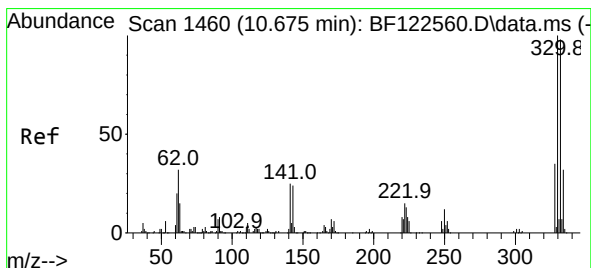
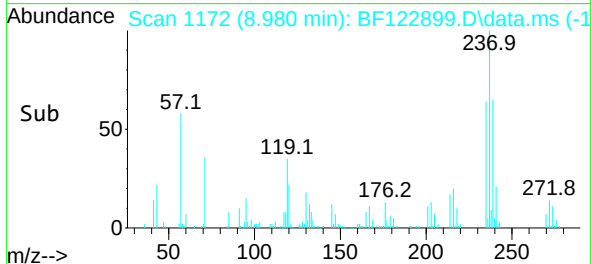
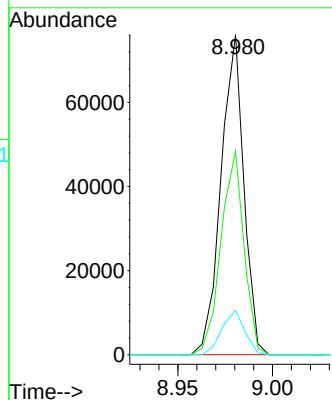
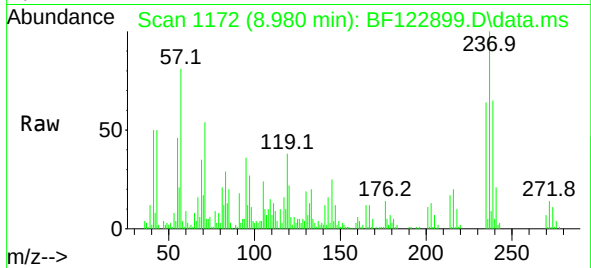




#41
Hexachlorocyclopentadiene
Concen: 17.57 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

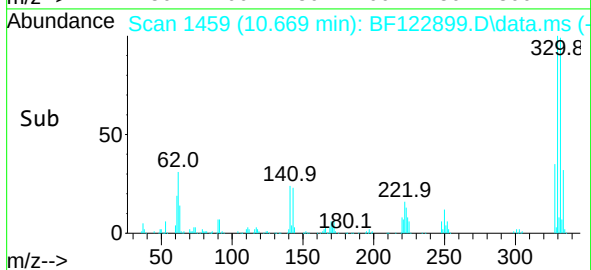
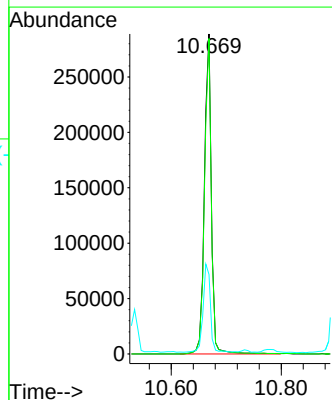
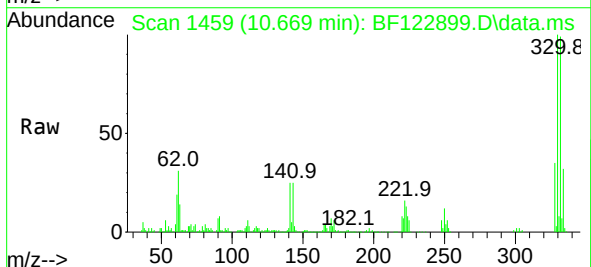
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

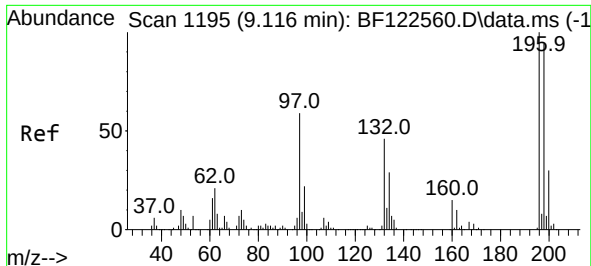
Tgt Ion:237 Resp: 63787
Ion Ratio Lower Upper
237 100
235 63.6 40.9 80.9
272 13.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 78.42 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:330 Resp: 254445
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 28.8 23.8 35.8

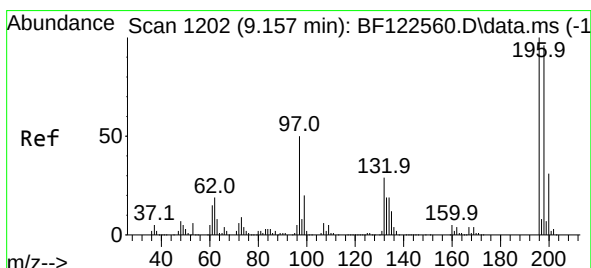
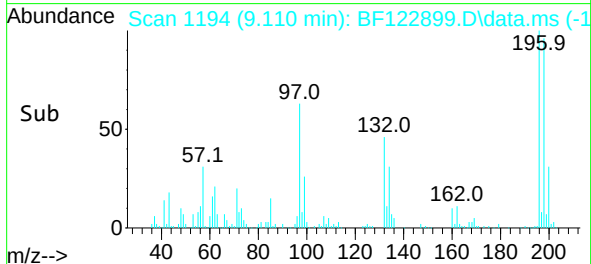
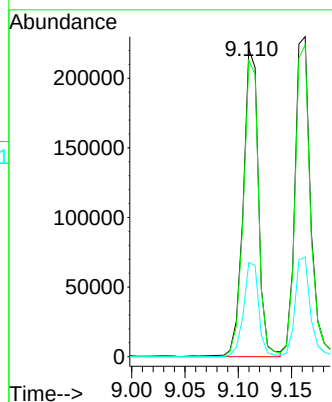
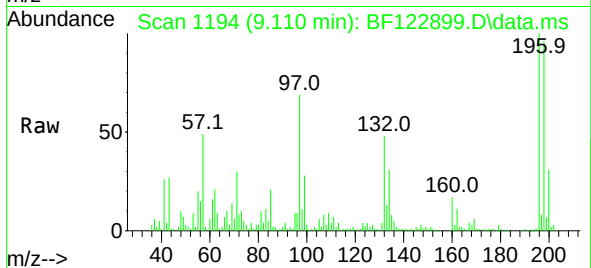




#43
2,4,6-Trichlorophenol
Concen: 38.94 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

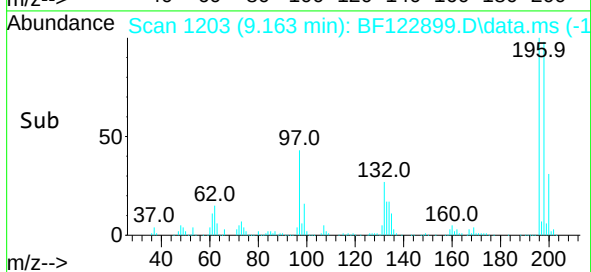
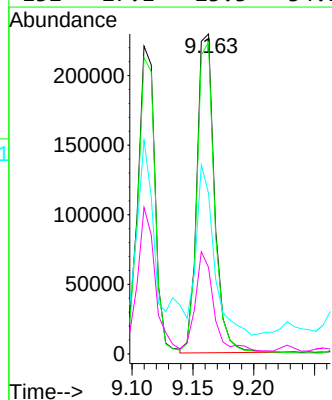
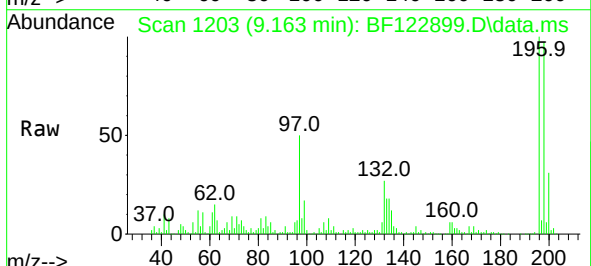
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

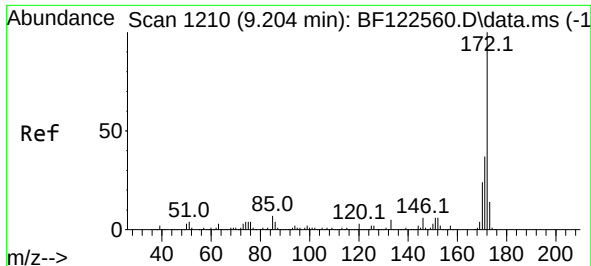
Tgt Ion:196 Resp: 220805
Ion Ratio Lower Upper
196 100
198 96.3 75.1 112.7
200 30.6 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 39.36 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:196 Resp: 230707
Ion Ratio Lower Upper
196 100
198 97.5 76.5 114.7
97 50.1 40.1 60.1
132 27.1 23.3 34.9

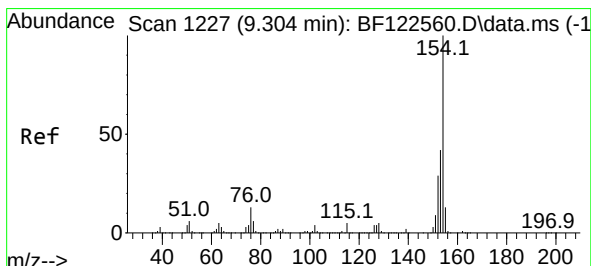
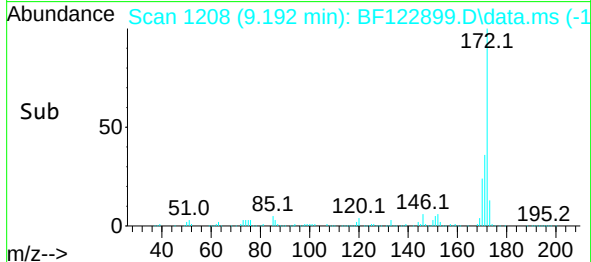
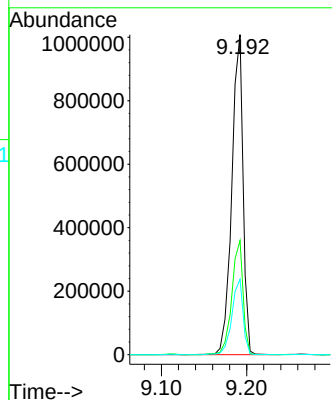
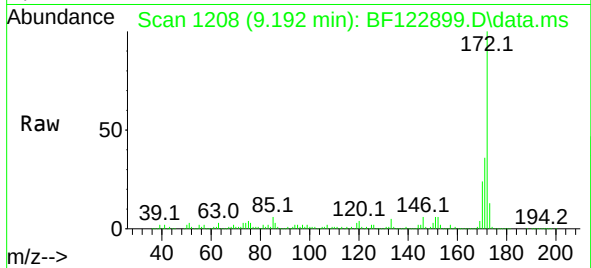




#45
2-Fluorobiphenyl
Concen: 50.59 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

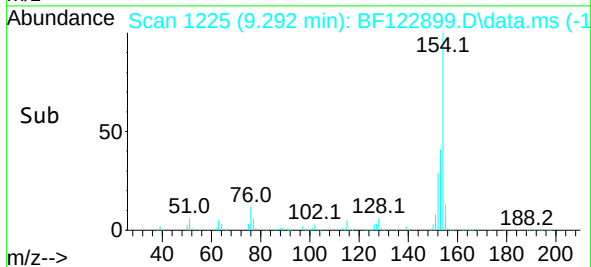
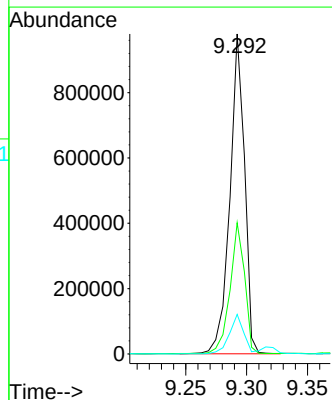
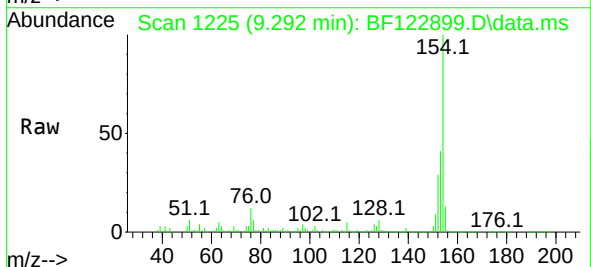
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

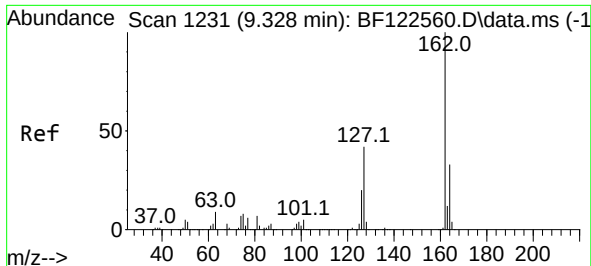
Tgt Ion:172 Resp: 927035
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.89 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:154 Resp: 820495
Ion Ratio Lower Upper
154 100
153 41.0 21.8 61.8
76 12.4 0.0 33.4

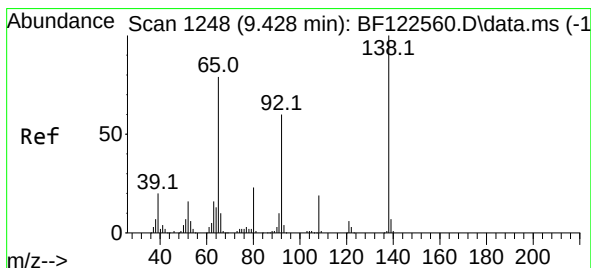
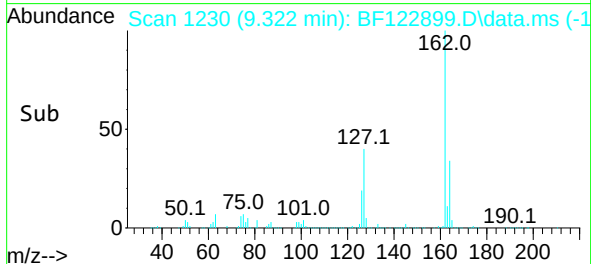
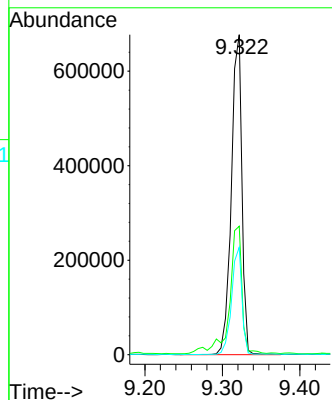
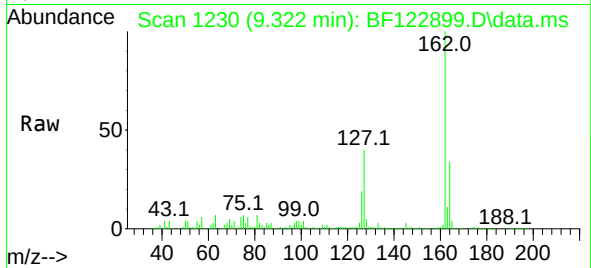




#47
2-Chloronaphthalene
Concen: 37.76 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

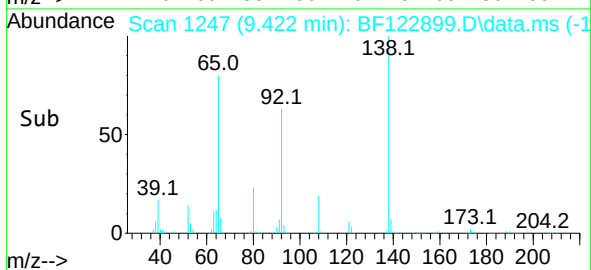
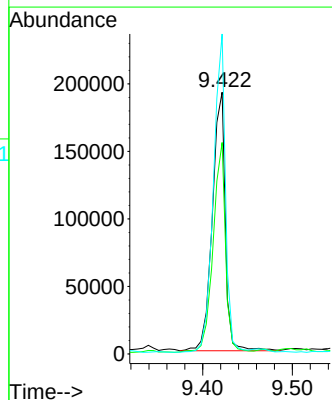
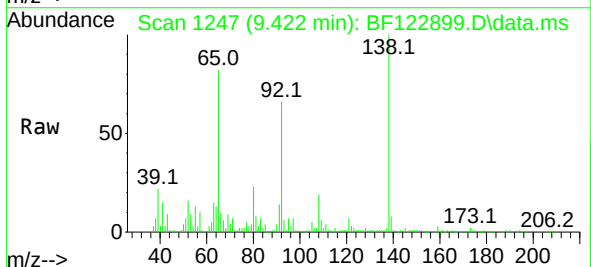
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

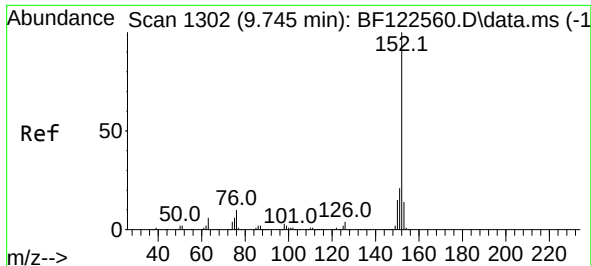
Tgt Ion:162 Resp: 643582
Ion Ratio Lower Upper
162 100
127 40.2 33.8 50.8
164 33.6 26.5 39.7



#48
2-Nitroaniline
Concen: 38.81 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 65 Resp: 192867
Ion Ratio Lower Upper
65 100
92 80.8 60.0 90.0
138 122.3 100.6 151.0

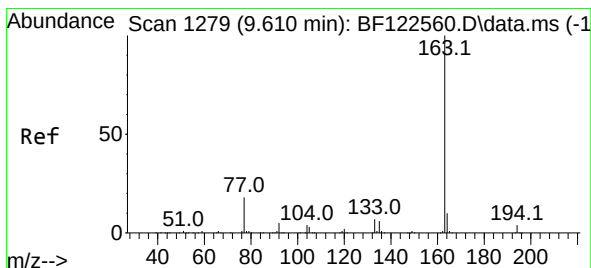
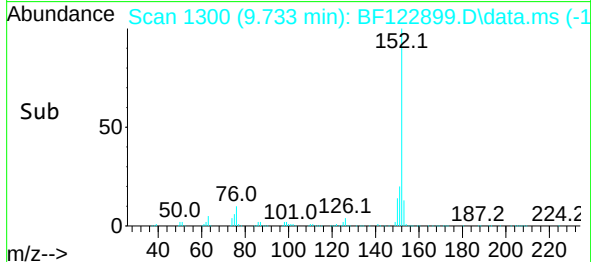
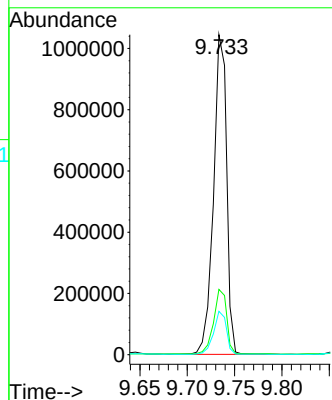
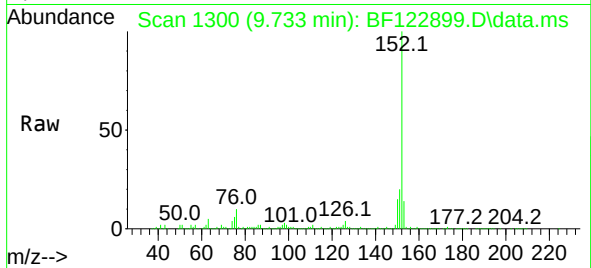




#49
Acenaphthylene
Concen: 40.03 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

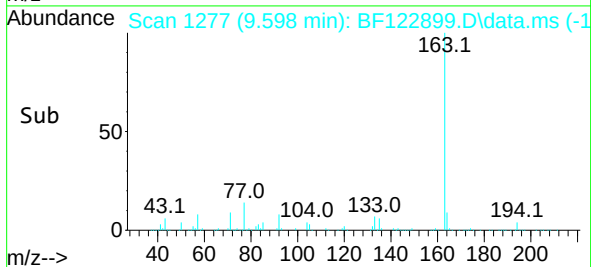
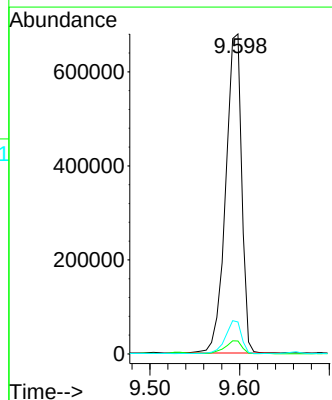
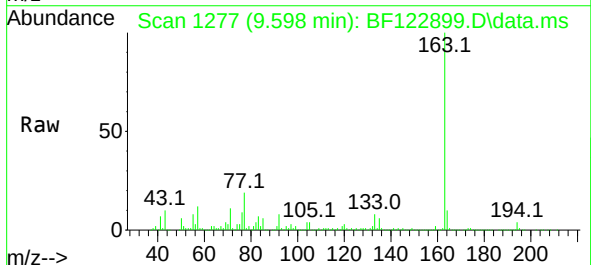
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

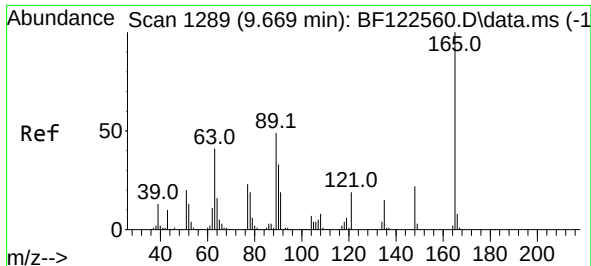
Tgt Ion:152 Resp: 1007625
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.6 10.9 16.3



#50
Dimethylphthalate
Concen: 42.26 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:163 Resp: 836471
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

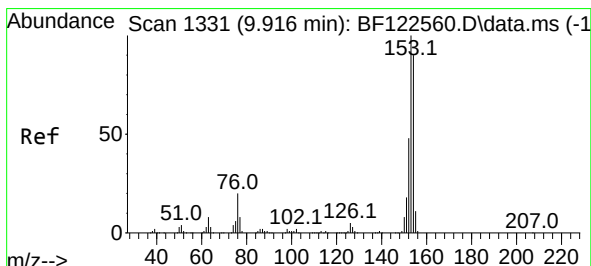
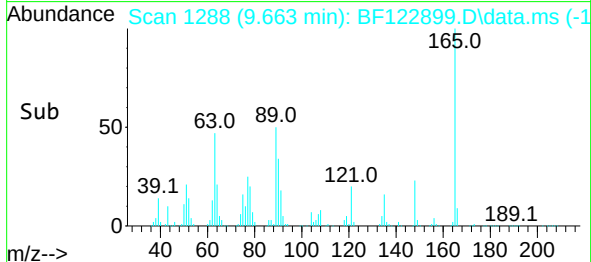
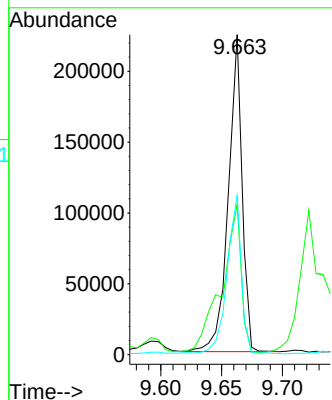
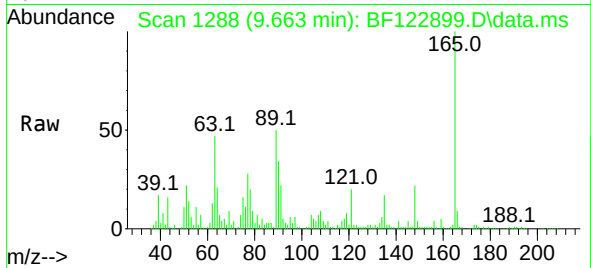




#51
2,6-Dinitrotoluene
Concen: 42.36 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

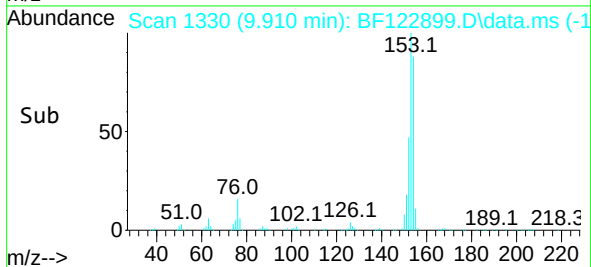
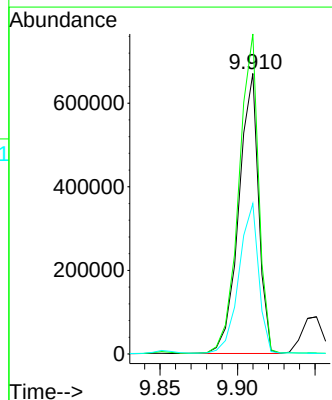
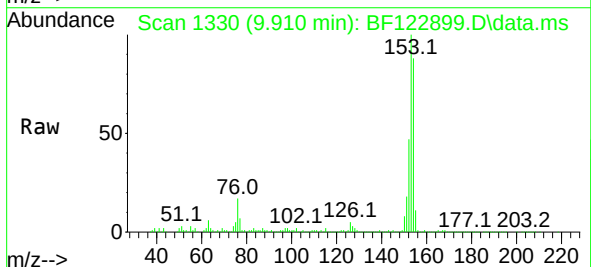
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

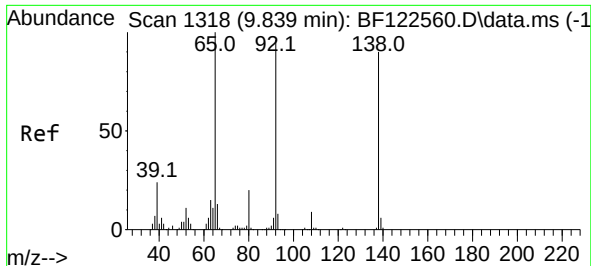
Tgt Ion:165 Resp: 177084
Ion Ratio Lower Upper
165 100
63 46.9 36.6 55.0
89 49.7 39.4 59.0



#52
Acenaphthene
Concen: 36.51 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:154 Resp: 594709
Ion Ratio Lower Upper
154 100
153 114.1 89.0 133.6
152 53.6 42.7 64.1

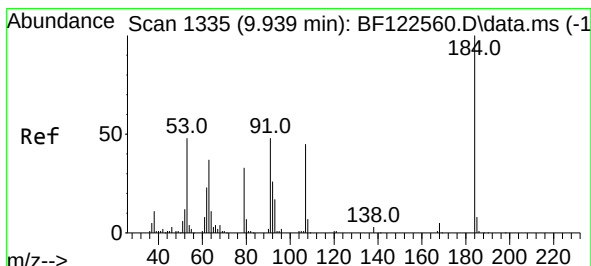
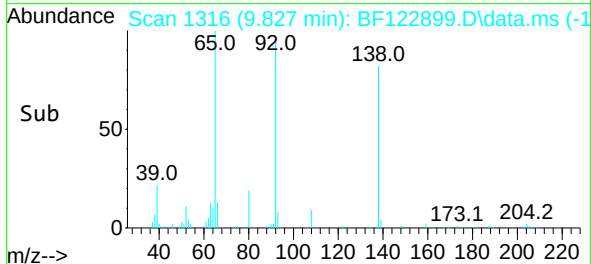
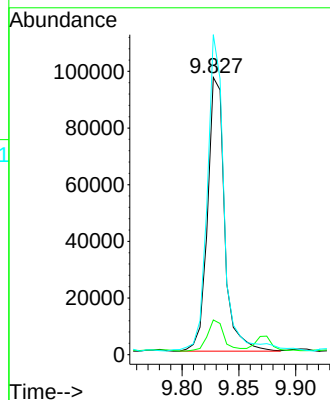
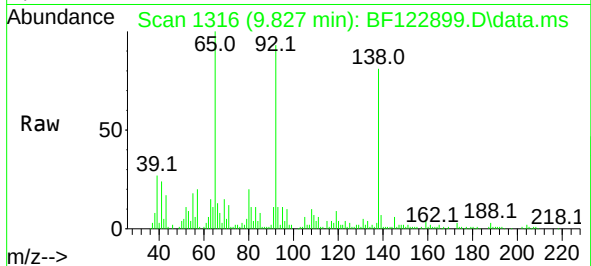




#53
3-Nitroaniline
Concen: 20.90 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

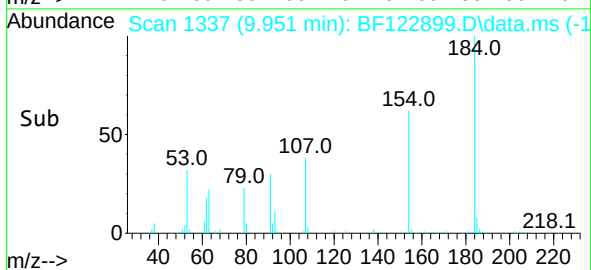
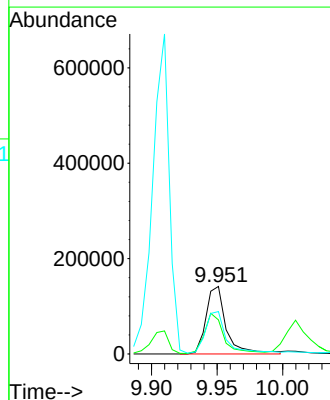
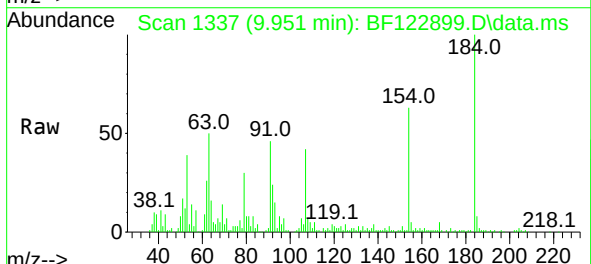
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

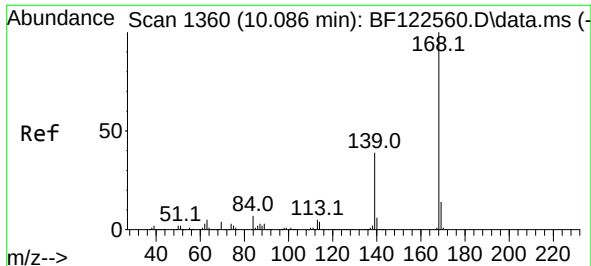
Tgt Ion:138 Resp: 100963
Ion Ratio Lower Upper
138 100
108 12.5 8.2 12.2#
92 115.4 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 74.76 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:184 Resp: 152813
Ion Ratio Lower Upper
184 100
63 50.5 51.4 77.2#
154 62.7 49.7 74.5

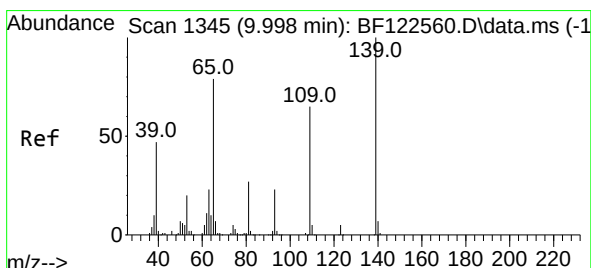
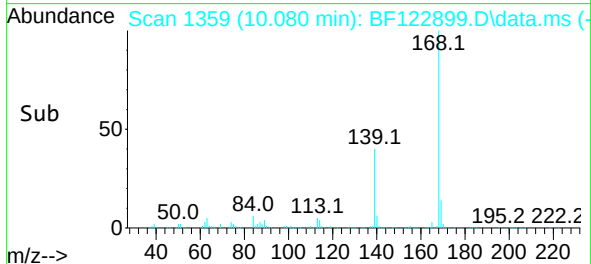
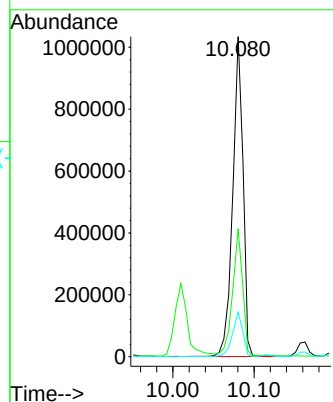
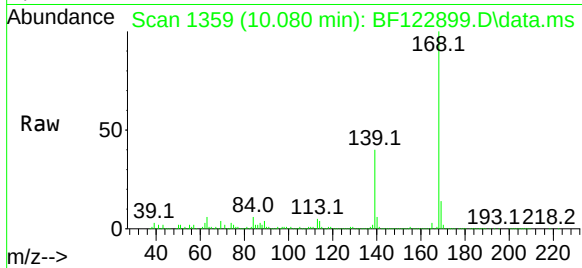




#55
Dibenzenofuran
Concen: 39.73 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

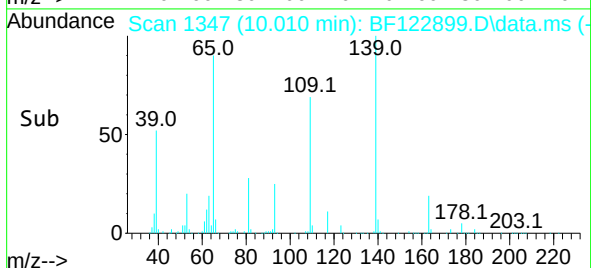
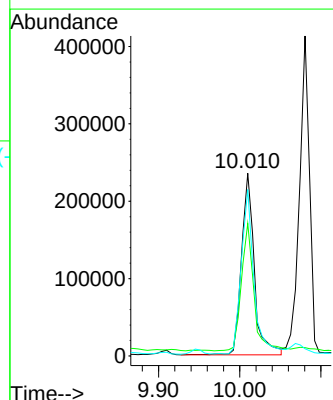
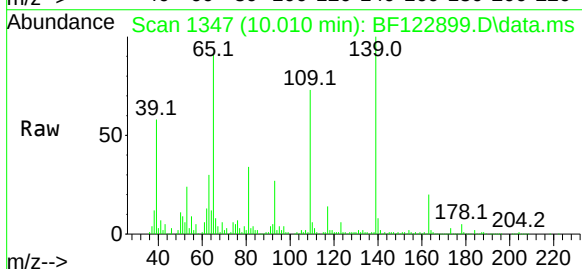
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

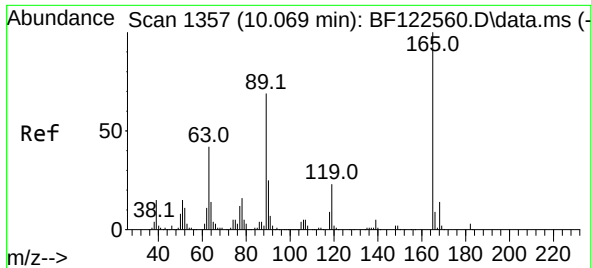
Tgt Ion:168 Resp: 910177
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 74.34 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:139 Resp: 256082
Ion Ratio Lower Upper
139 100
109 72.6 45.1 85.1
65 91.1 59.2 99.2

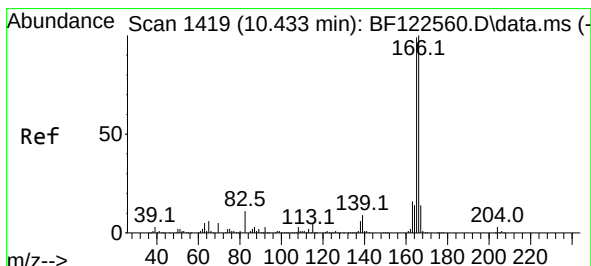
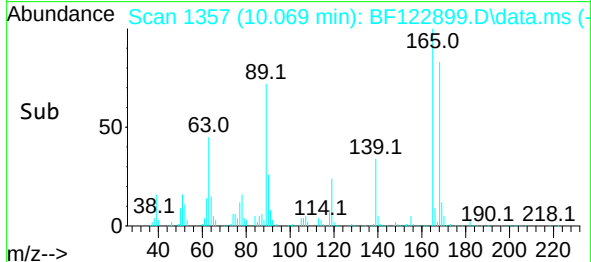
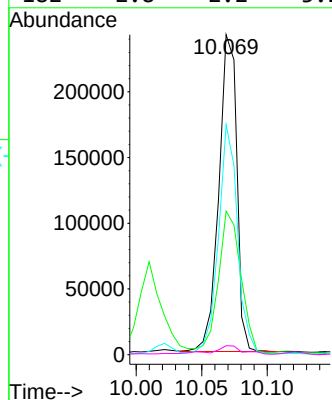
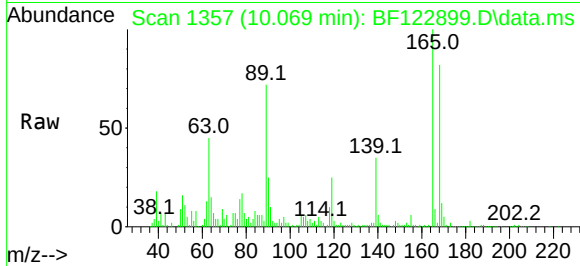




#57
2,4-Dinitrotoluene
Concen: 41.13 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

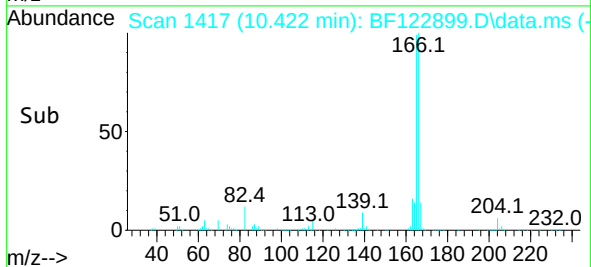
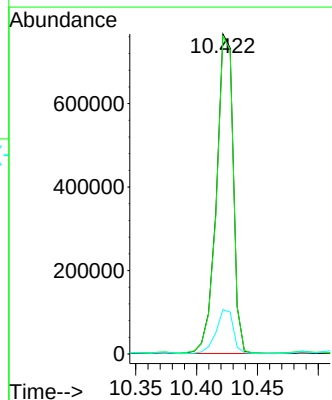
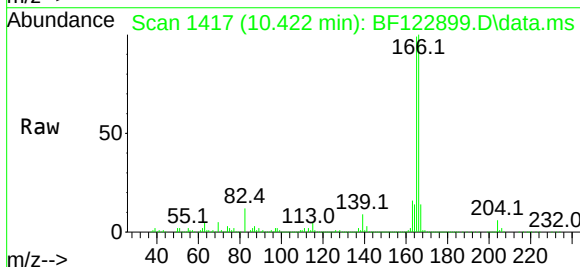
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

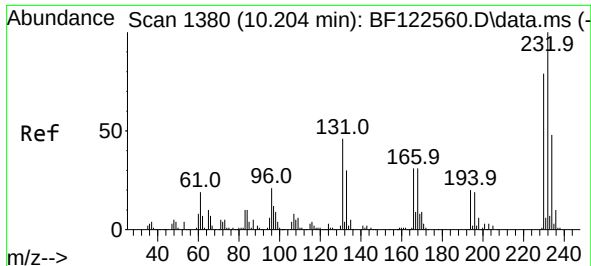
Tgt Ion:	165	Resp:	229029
Ion	Ratio	Lower	Upper
165	100		
63	44.8	34.3	51.5
89	71.9	55.2	82.8
182	2.8	2.2	3.2



#58
Fluorene
Concen: 40.25 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:	166	Resp:	733519
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.9	10.9	16.3

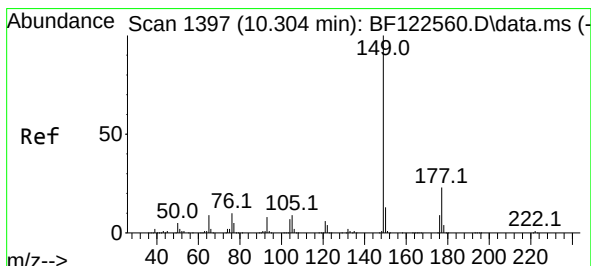
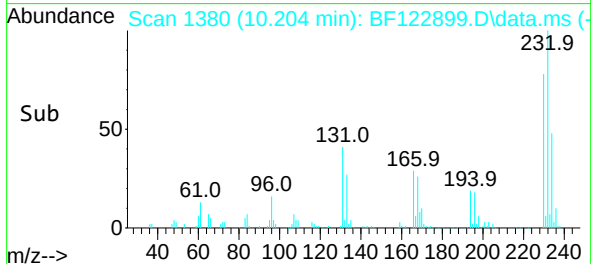
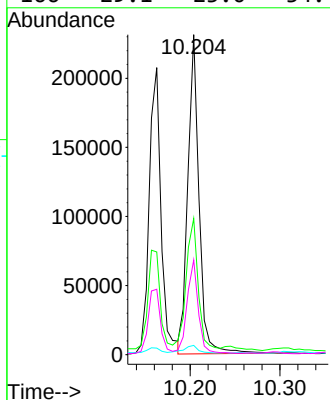
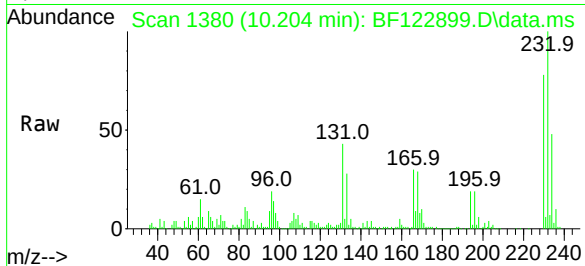




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.90 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

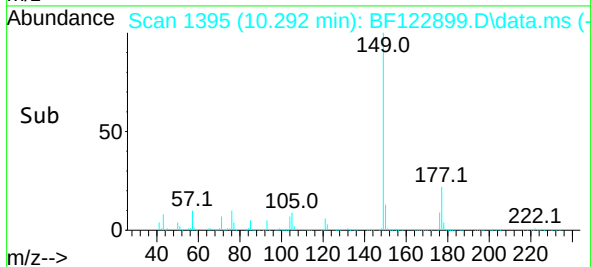
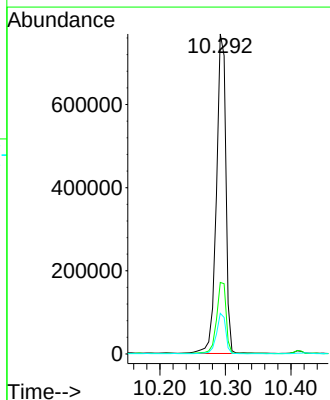
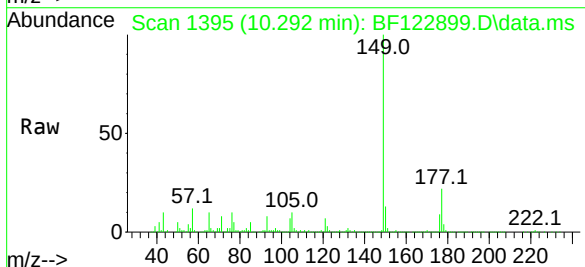
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

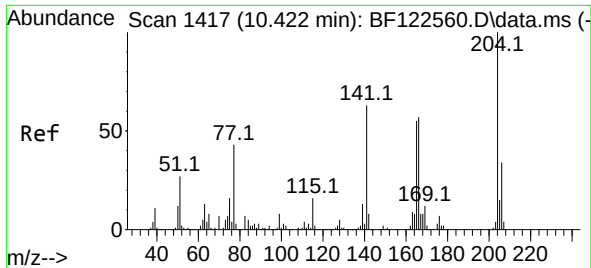
Tgt Ion:232 Resp: 200317
Ion Ratio Lower Upper
232 100
131 45.0 33.0 49.4
130 2.9 1.7 2.5#
166 29.1 23.0 34.4



#60
Diethylphthalate
Concen: 39.74 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:149 Resp: 765184
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.7 10.1 15.1

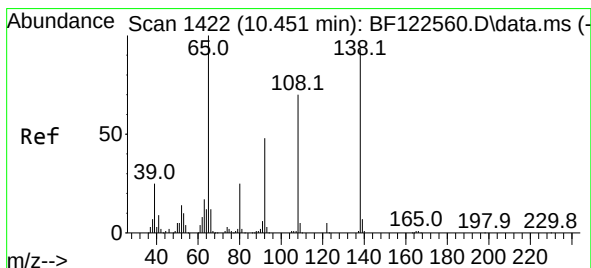
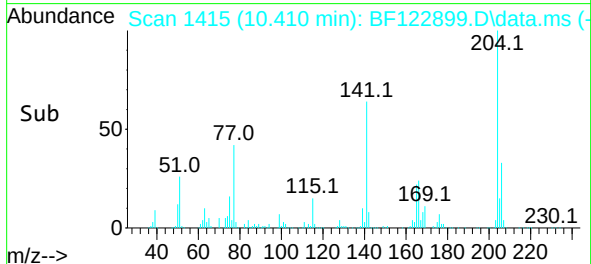
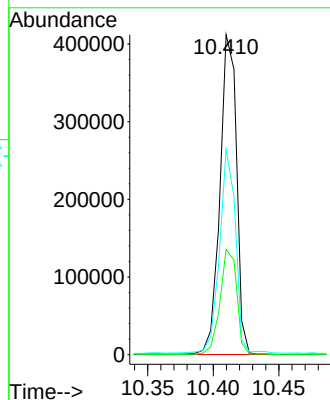
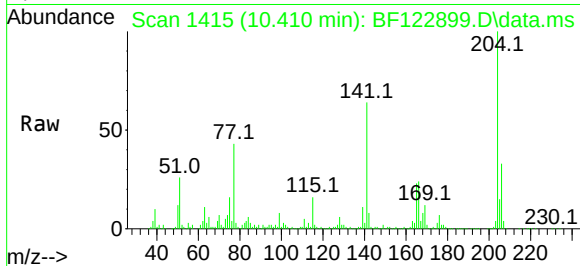




#61
4-Chlorophenyl-phenylether
Concen: 40.25 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

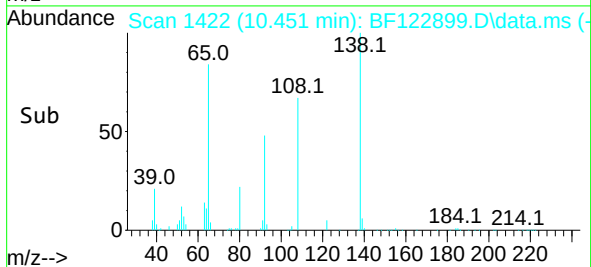
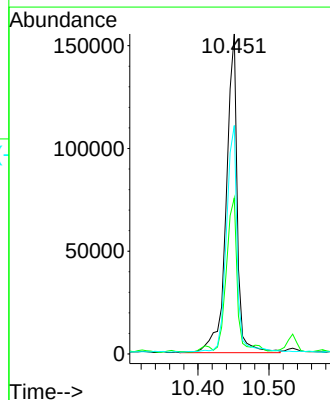
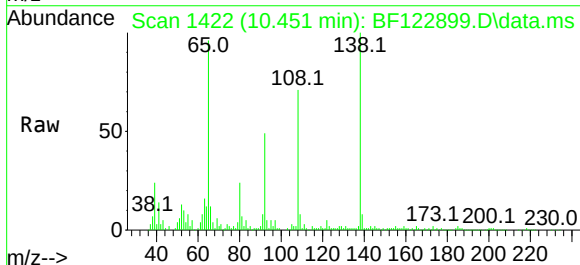
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

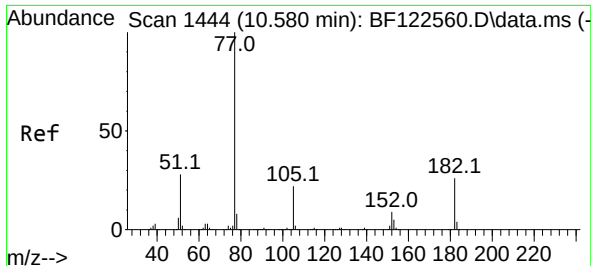
Tgt Ion:204 Resp: 361125
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 64.0 50.4 75.6



#62
4-Nitroaniline
Concen: 34.12 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:138 Resp: 167300
Ion Ratio Lower Upper
138 100
92 48.8 31.0 71.0
108 71.4 54.8 94.8

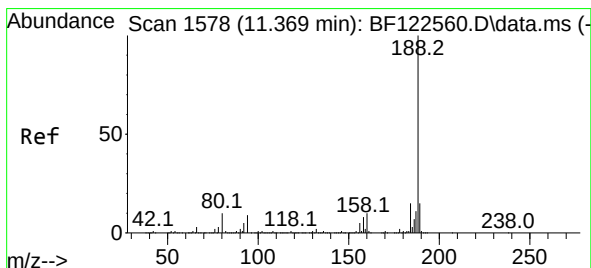
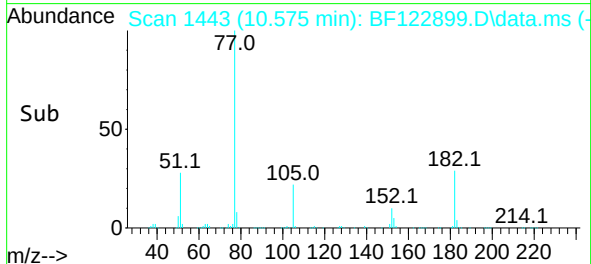
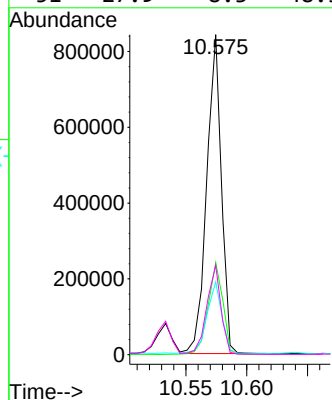
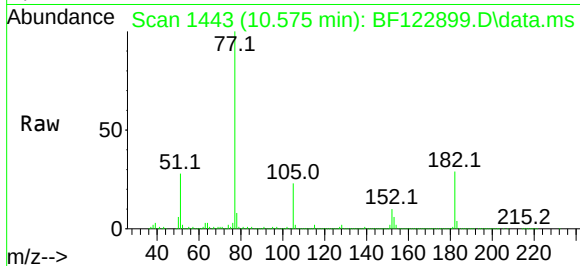




#63
Azobenzene
Concen: 39.77 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

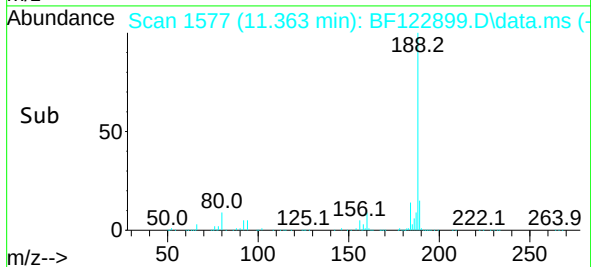
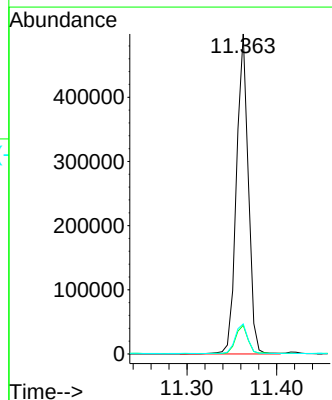
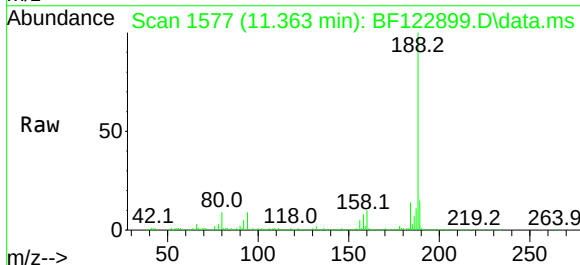
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

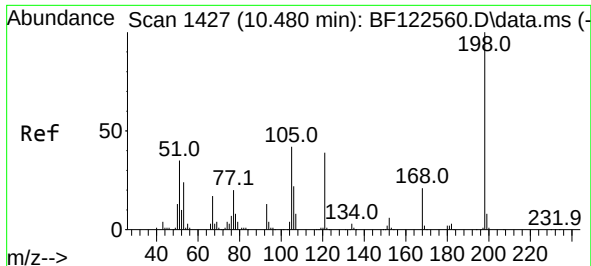
Tgt Ion: 77	Resp: 703892
Ion Ratio	Lower Upper
77 100	
182 28.8	5.6 45.6
105 22.7	1.8 41.8
51 27.9	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion: 188	Resp: 456698
Ion Ratio	Lower Upper
188 100	
94 9.0	7.4 11.2
80 9.4	8.2 12.4

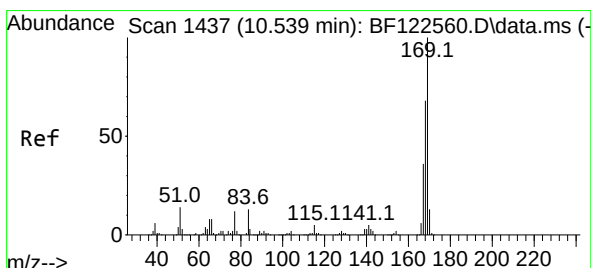
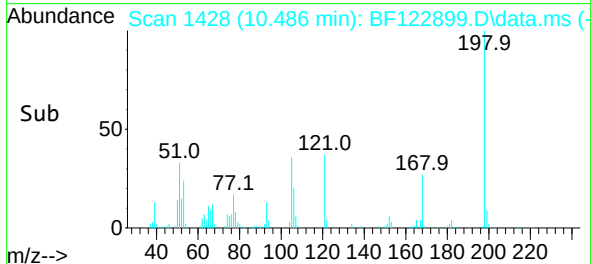
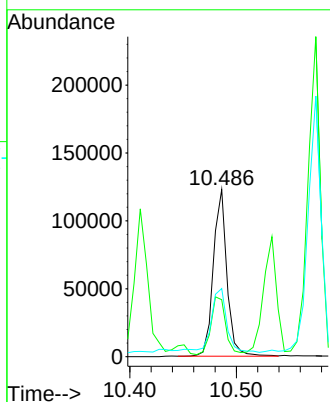
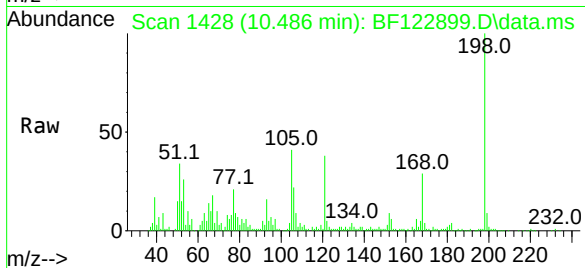




#65
4,6-Dinitro-2-methylphenol
Concen: 39.01 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

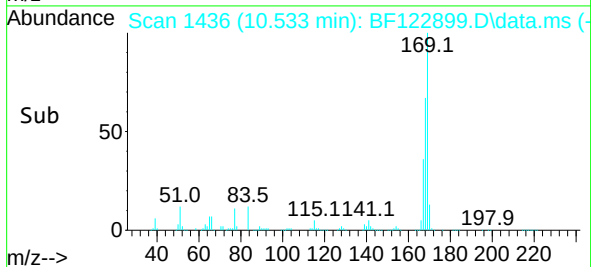
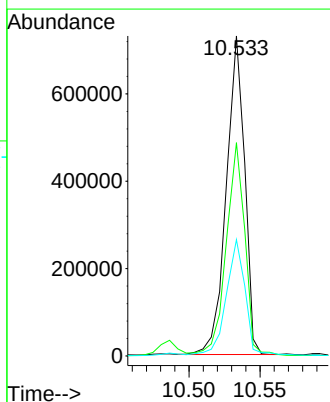
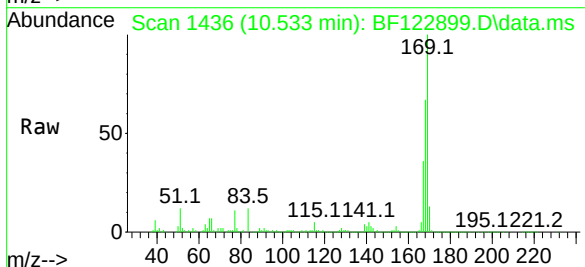
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

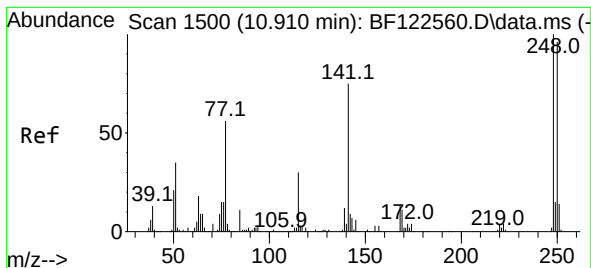
Tgt Ion:198 Resp: 108640
Ion Ratio Lower Upper
198 100
51 34.1 20.3 60.3
105 40.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.53 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:169 Resp: 654034
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.2
167 36.4 29.2 43.8

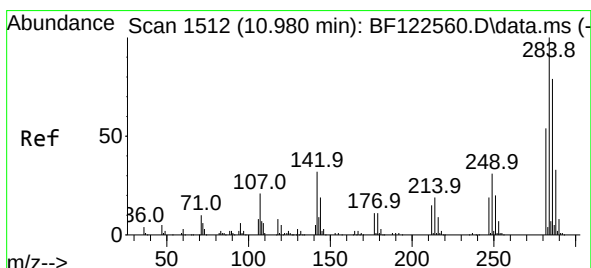
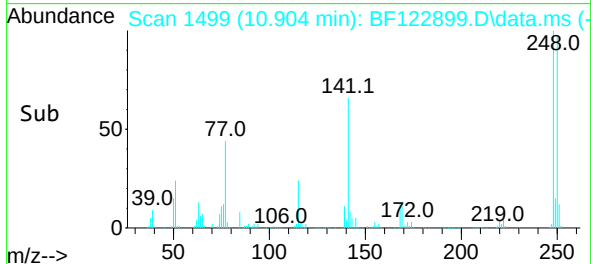
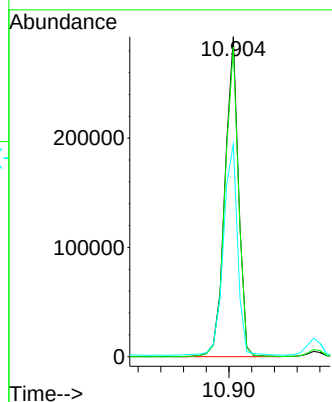
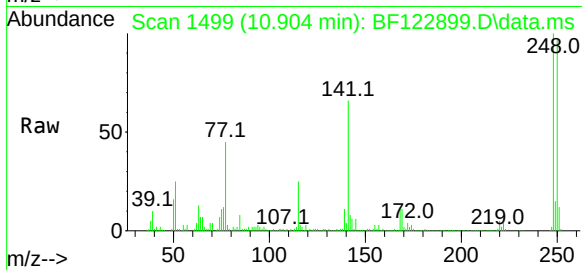




#67
4-Bromophenyl-phenylether
Concen: 39.55 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

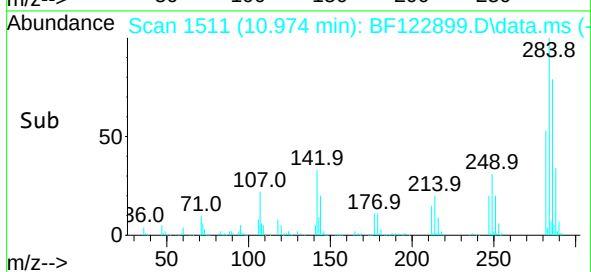
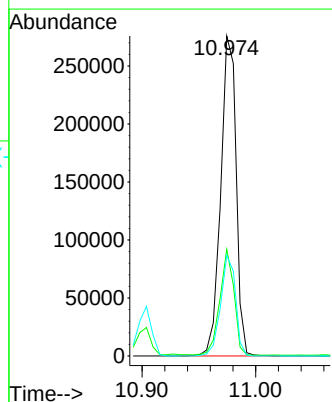
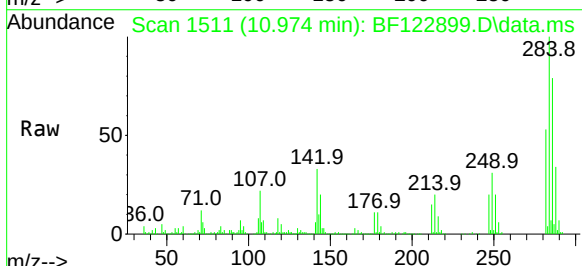
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

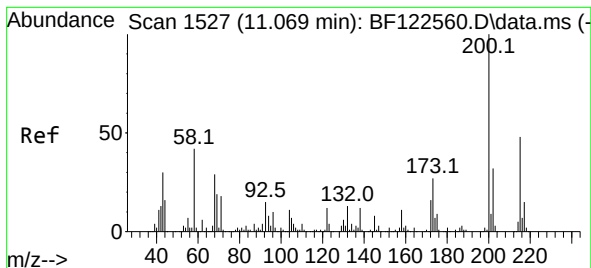
Tgt Ion:248 Resp: 244760
Ion Ratio Lower Upper
248 100
250 96.7 76.8 115.2
141 66.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 38.17 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:284 Resp: 261161
Ion Ratio Lower Upper
284 100
142 33.3 25.6 38.4
249 31.5 25.1 37.7





#69

Atrazine

Concen: 36.22 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

Tgt Ion:200 Resp: 189813

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

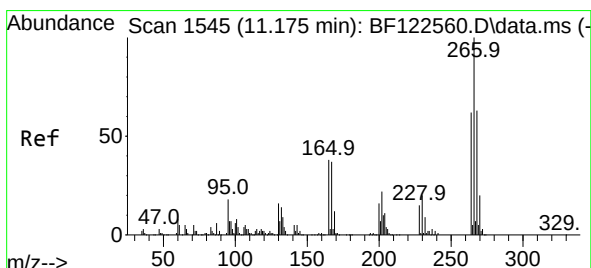
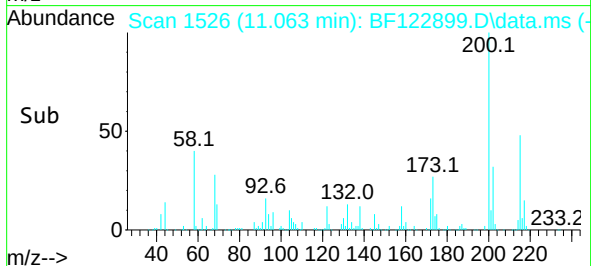
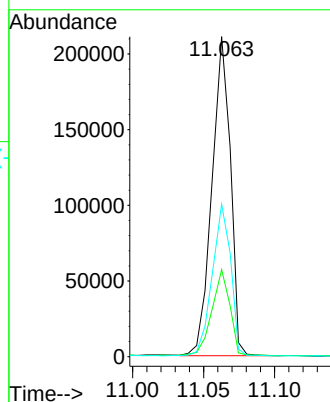
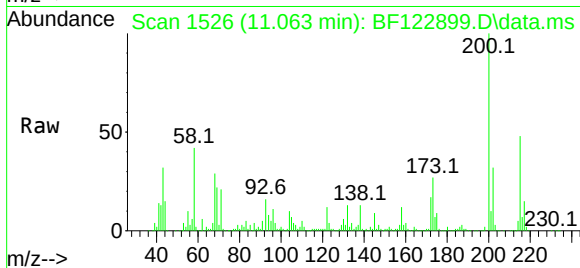
215 47.6 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MS



#70

Pentachlorophenol

Concen: 73.80 ng

RT: 11.174 min Scan# 1545

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

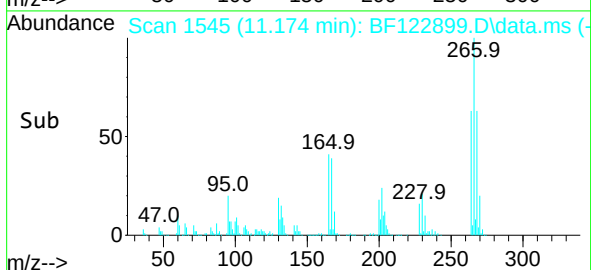
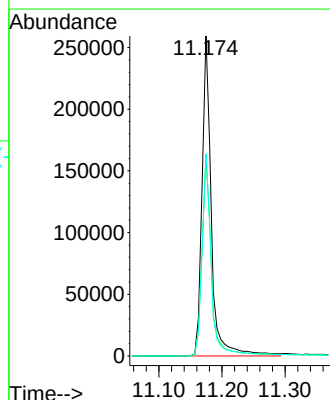
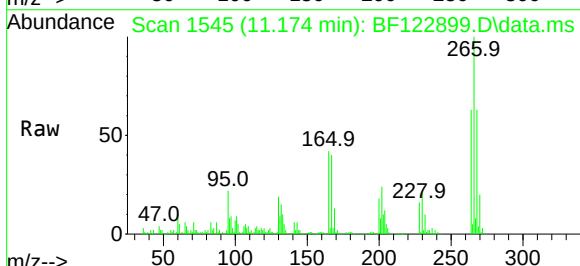
Tgt Ion:266 Resp: 267490

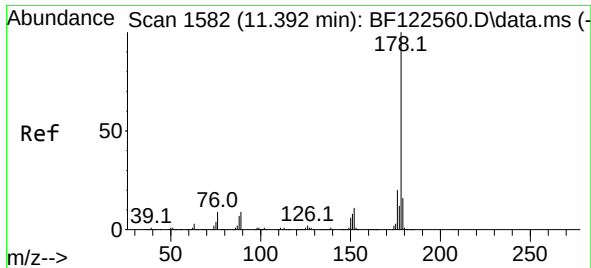
Ion Ratio Lower Upper

266 100

268 62.9 50.5 75.7

264 63.3 49.8 74.8

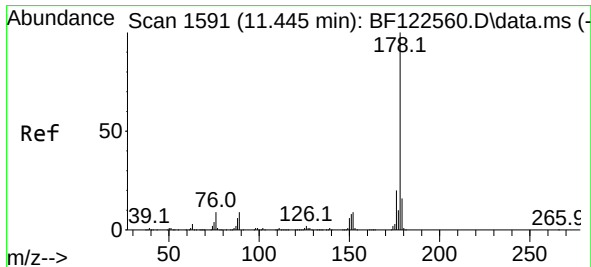
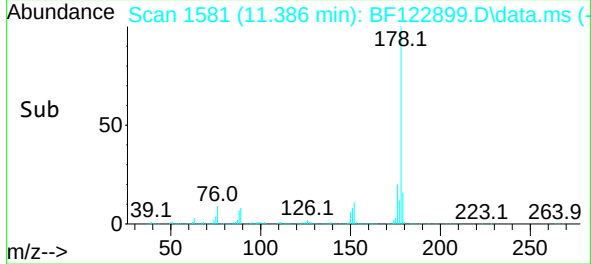
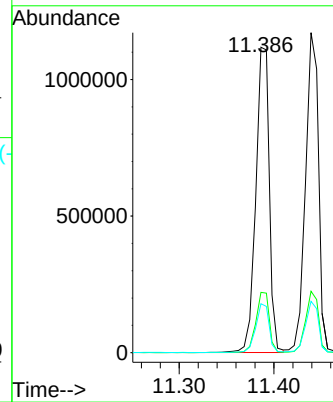
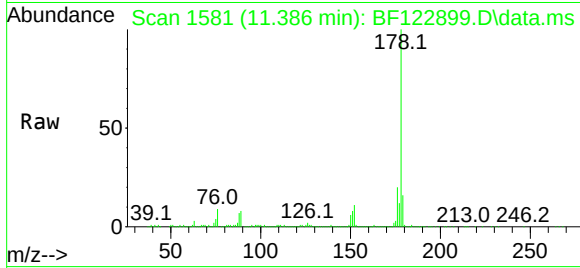




#71
Phenanthrene
Concen: 41.01 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

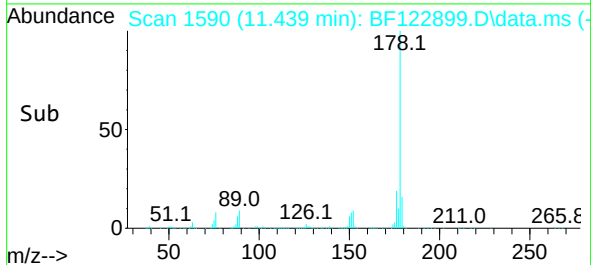
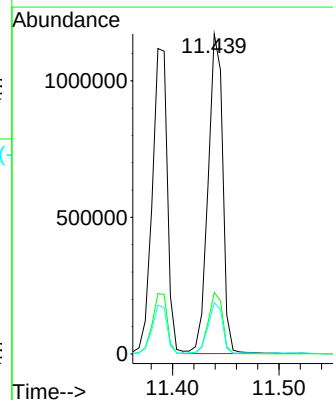
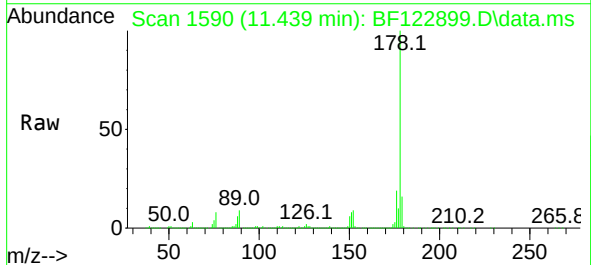
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

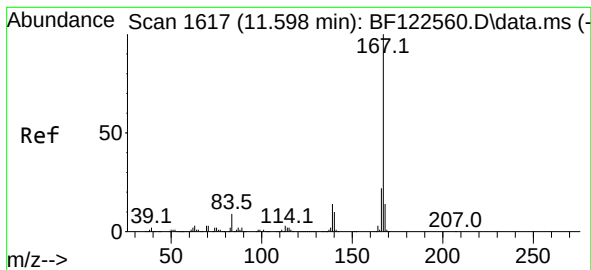
Tgt Ion:178 Resp: 1113053
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.0 12.7 19.1



#72
Anthracene
Concen: 41.63 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:178 Resp: 1120371
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.0 12.8 19.2

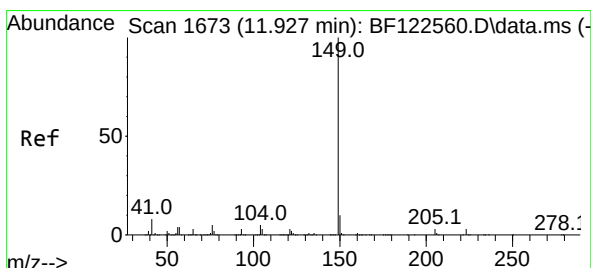
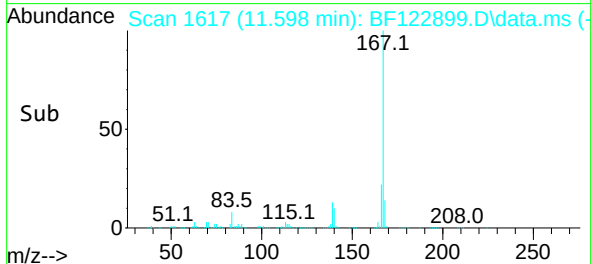
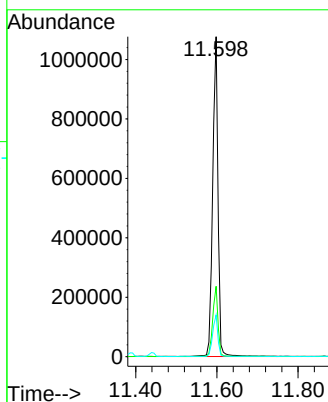
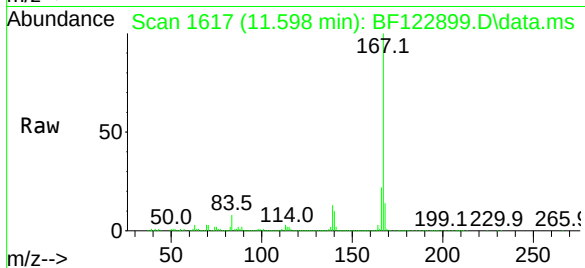




#73
 Carbazole
 Concen: 39.76 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF122899.D
 Acq: 31 Dec 2020 16:48

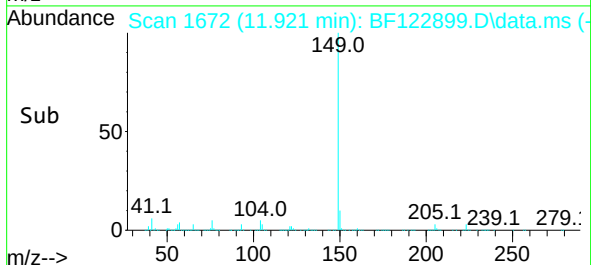
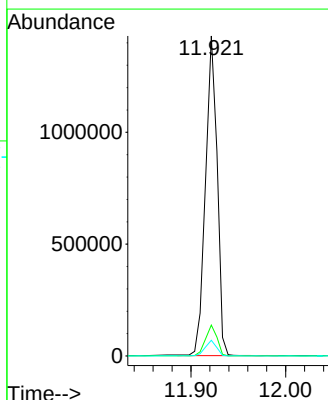
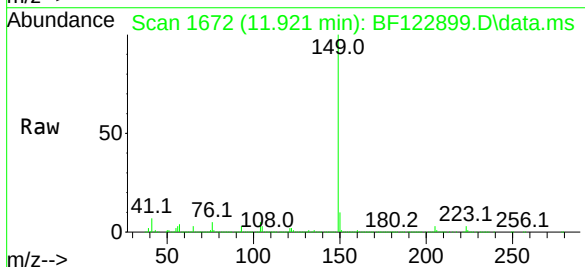
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MS

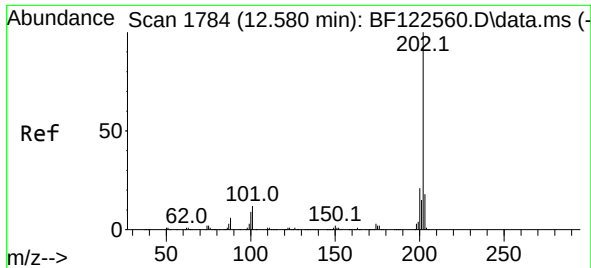
Tgt Ion:	167	Resp:	970391
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	13.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 39.76 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF122899.D
 Acq: 31 Dec 2020 16:48

Tgt Ion:	149	Resp:	1219314
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	4.2	6.4

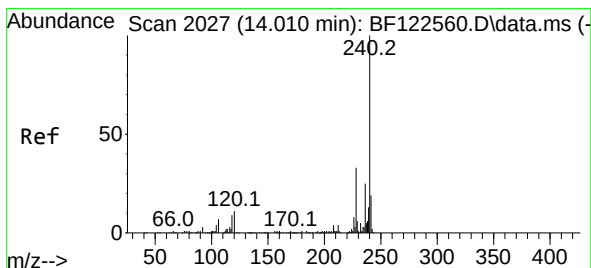
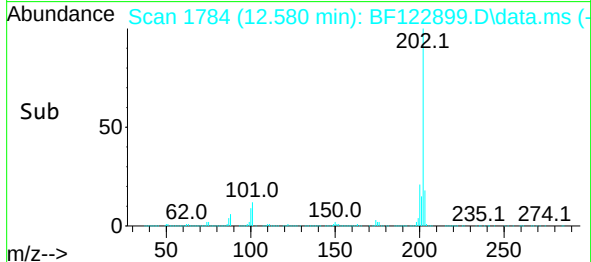
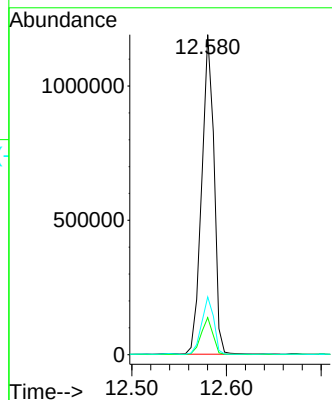
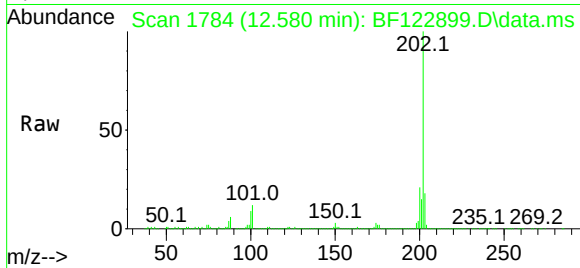




#75
Fluoranthene
Concen: 37.73 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

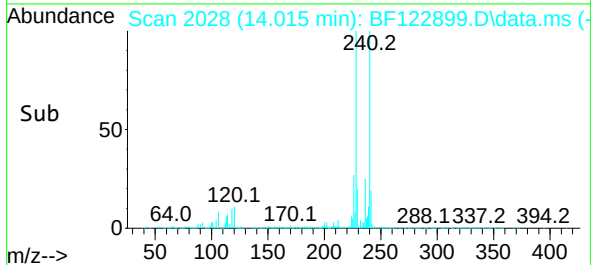
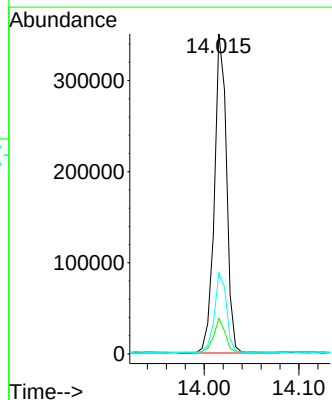
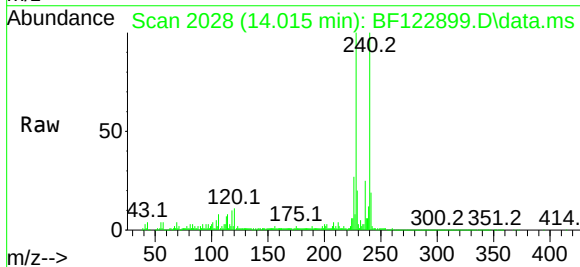
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

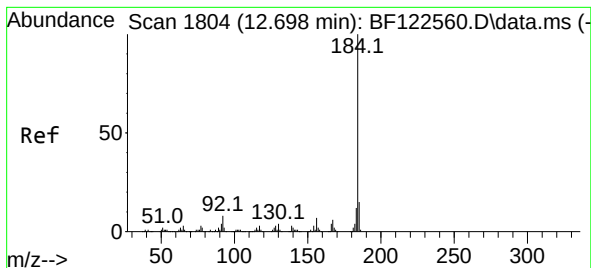
Tgt Ion:202 Resp: 1073808
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:240 Resp: 311130
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.3 20.3 30.5





#77

Benzidine

Concen: 24.95 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

Tgt Ion:184 Resp: 167917

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

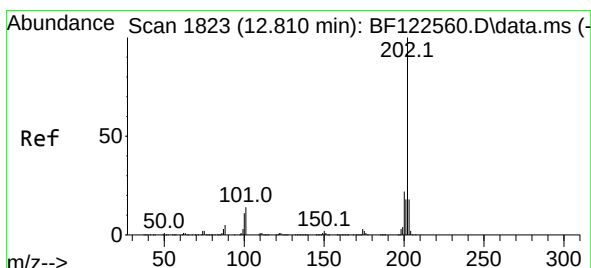
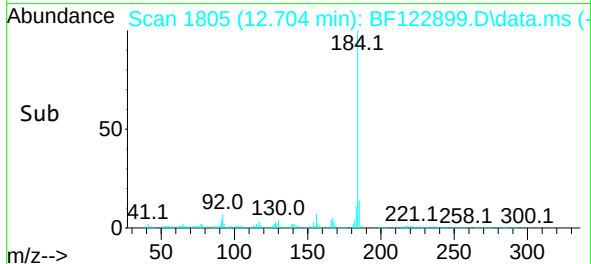
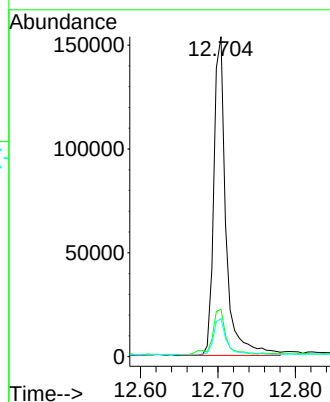
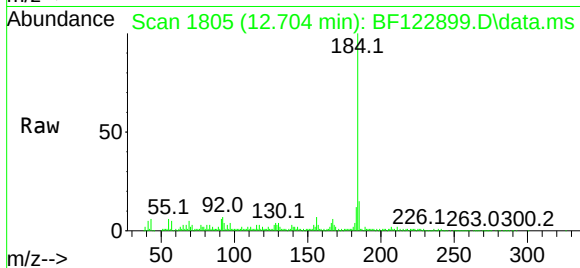
183 11.9 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MS



#78

Pyrene

Concen: 44.39 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

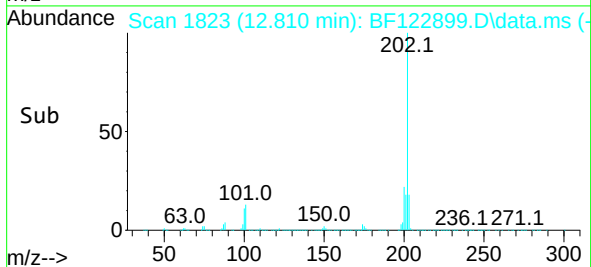
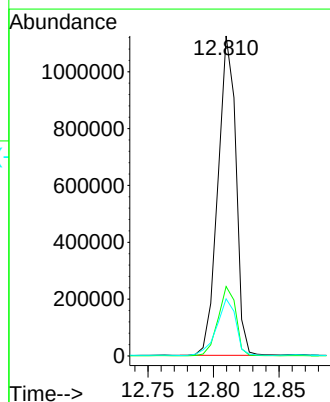
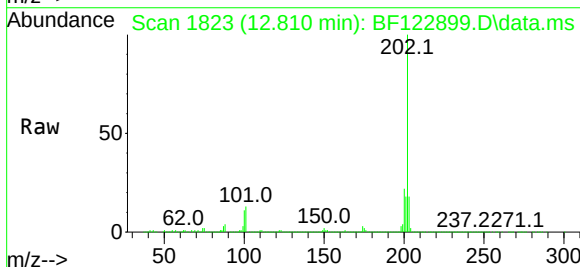
Tgt Ion:202 Resp: 1067892

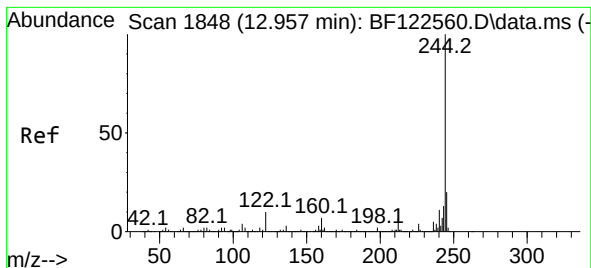
Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 56.12 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

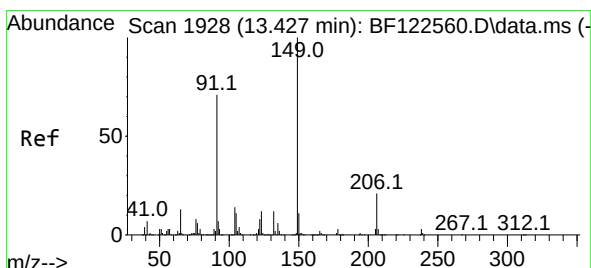
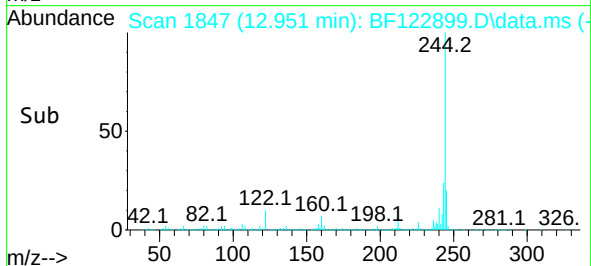
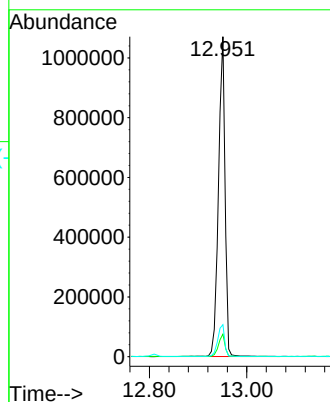
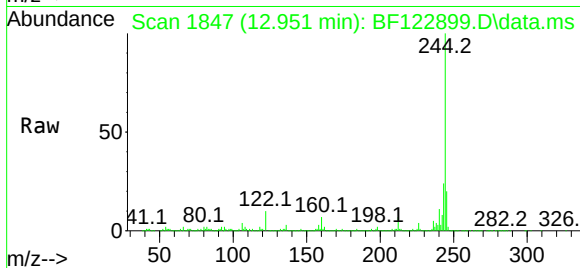
Tgt Ion:244 Resp: 997550

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.0 8.3 12.5



#80

Butylbenzylphthalate

Concen: 41.41 ng

RT: 13.427 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

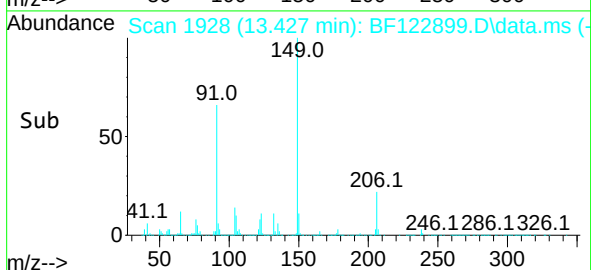
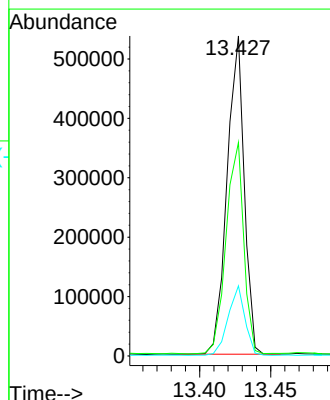
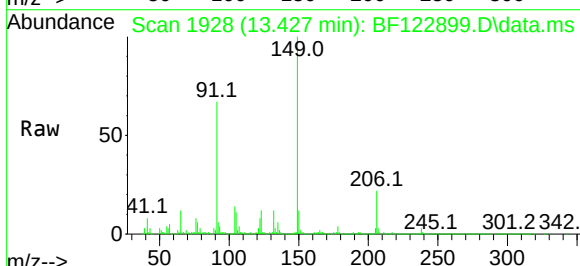
Tgt Ion:149 Resp: 448650

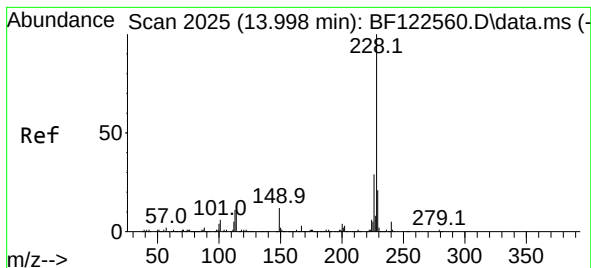
Ion Ratio Lower Upper

149 100

91 66.7 56.5 84.7

206 21.9 17.0 25.6





#81

Benzo(a)anthracene

Concen: 44.05 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

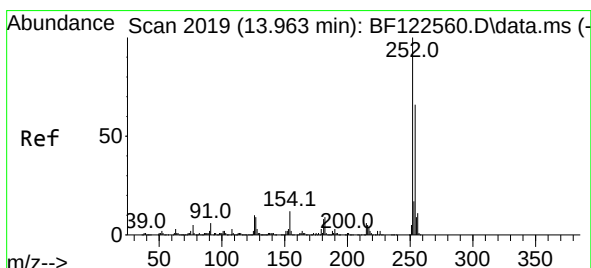
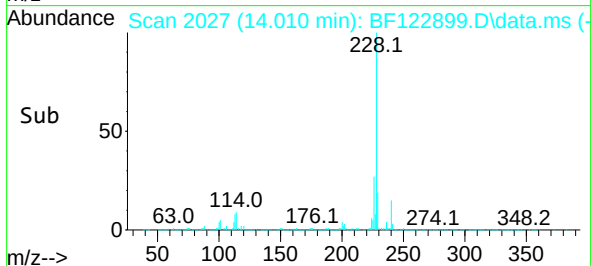
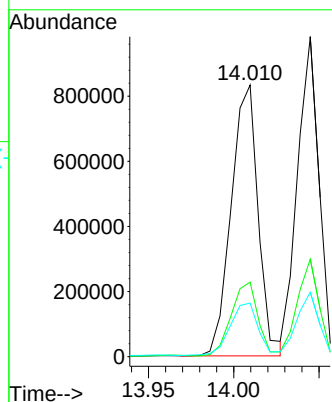
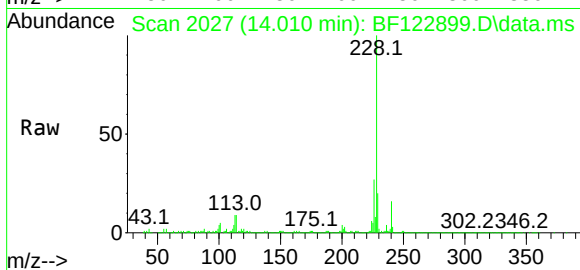
Tgt Ion:228 Resp: 915966

Ion Ratio Lower Upper

228 100

226 27.4 23.0 34.4

229 19.7 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 21.95 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

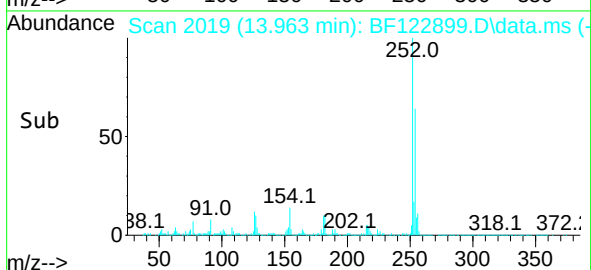
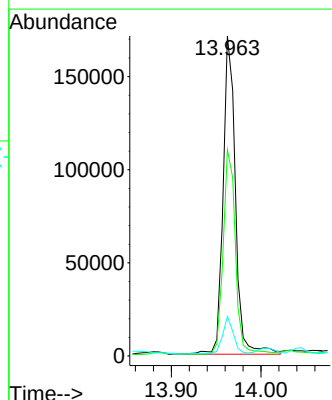
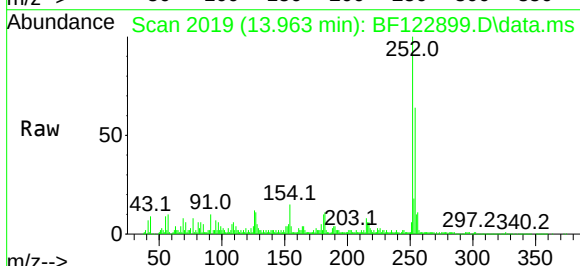
Tgt Ion:252 Resp: 163459

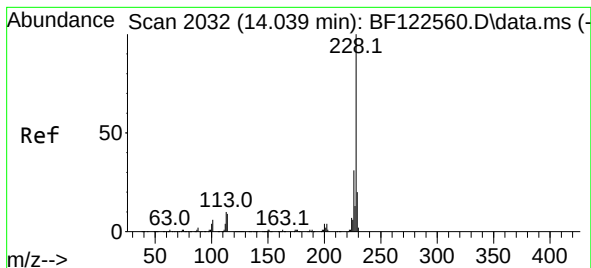
Ion Ratio Lower Upper

252 100

254 64.5 52.7 79.1

126 12.3 8.0 12.0#





#83

Chrysene

Concen: 41.68 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

Tgt Ion:228 Resp: 862447

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

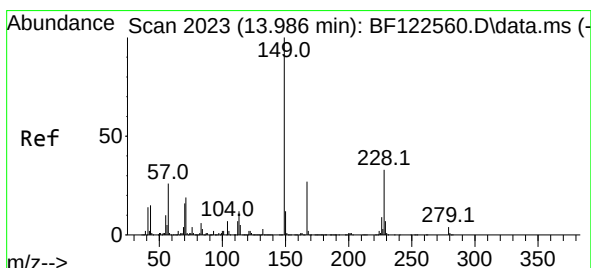
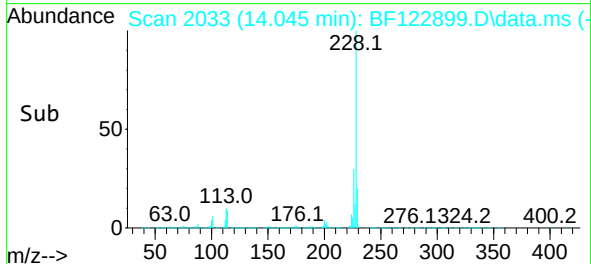
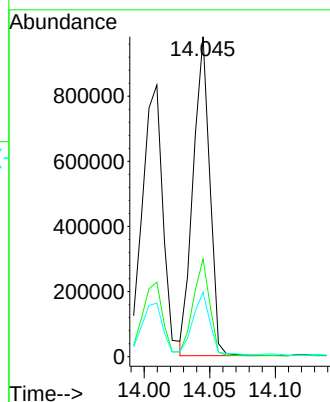
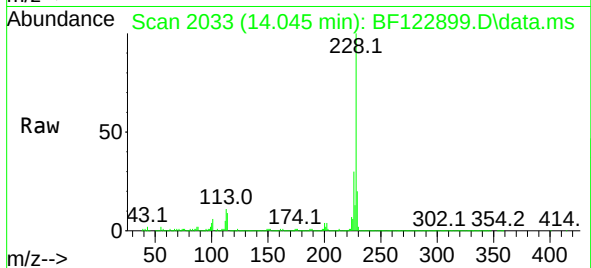
229 20.2 15.8 23.6

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MS



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.61 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

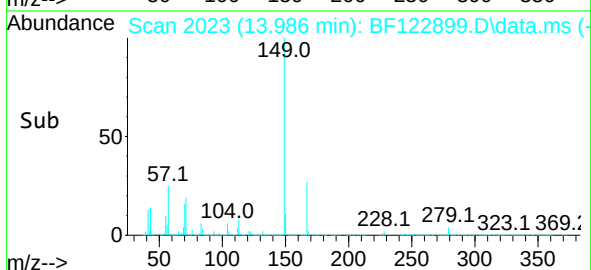
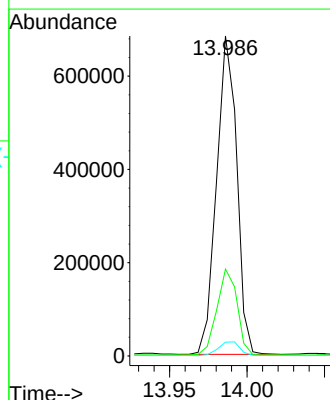
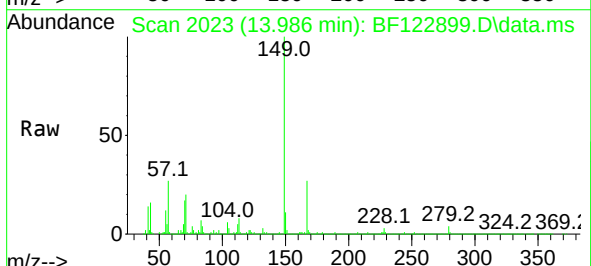
Tgt Ion:149 Resp: 617373

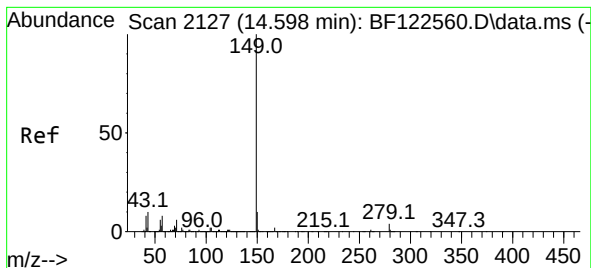
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.51 ng

RT: 14.604 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

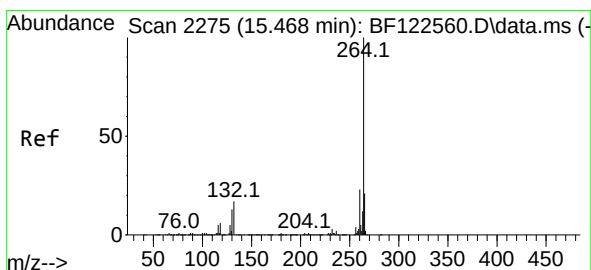
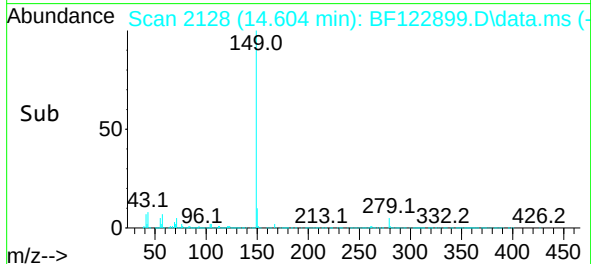
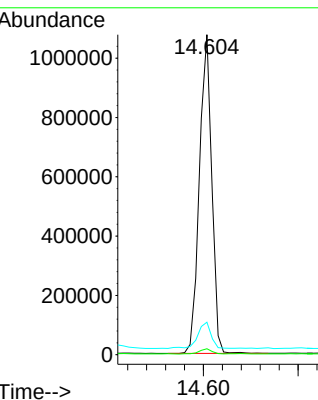
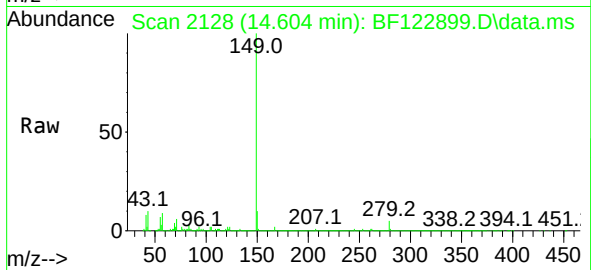
Tgt Ion:149 Resp: 972365

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.6 11.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

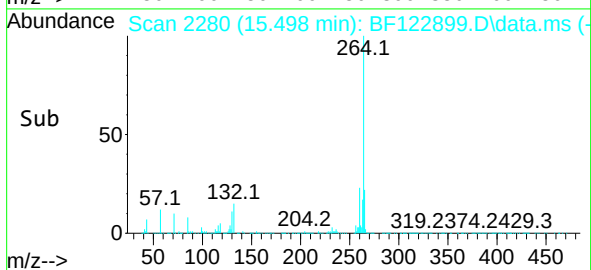
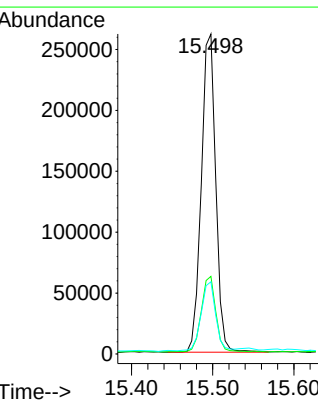
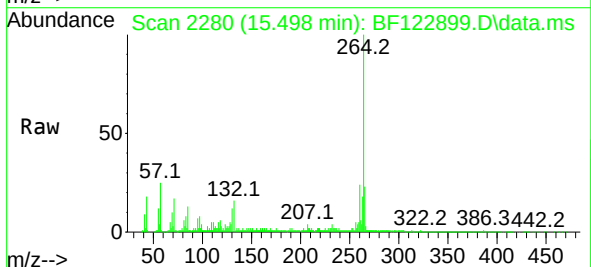
Tgt Ion:264 Resp: 322976

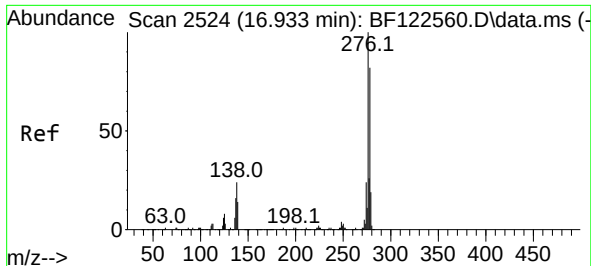
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.5 17.0 25.6

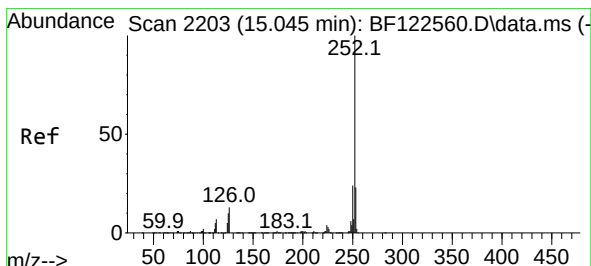
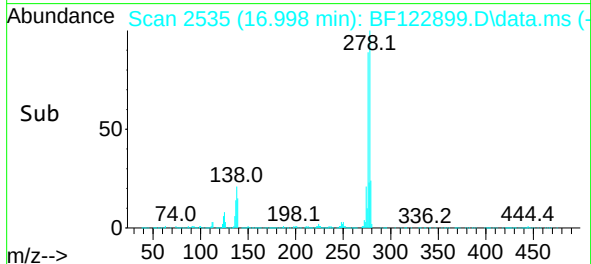
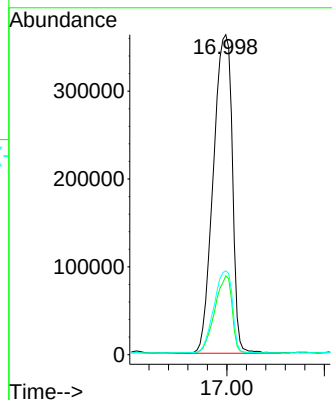
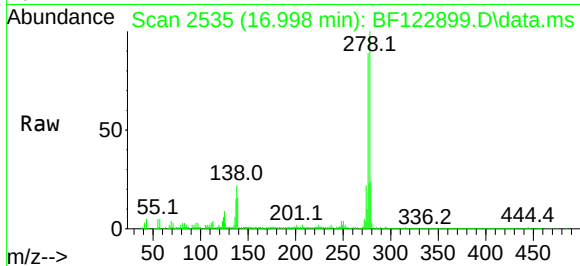




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.36 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.024 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

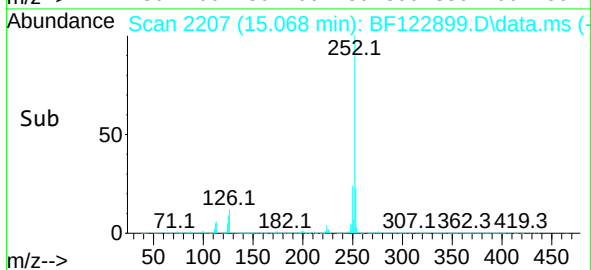
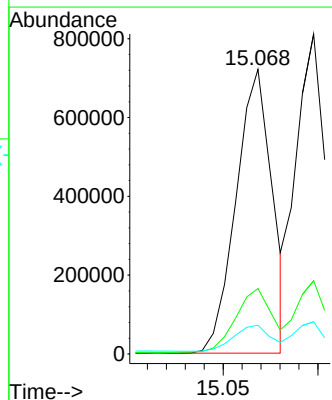
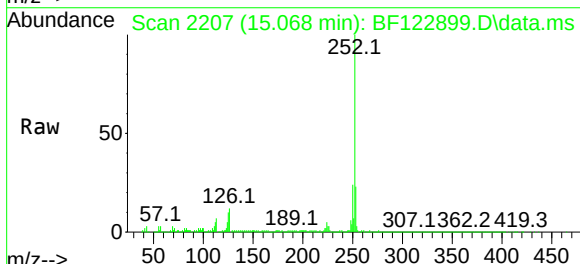
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

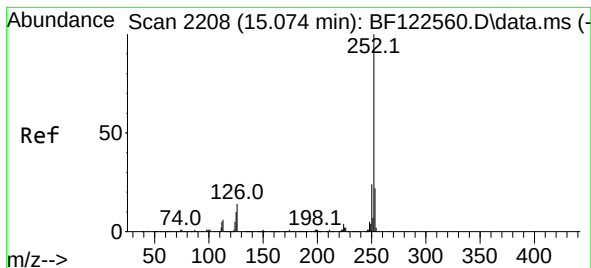
Tgt Ion:276 Resp: 982933
Ion Ratio Lower Upper
276 100
138 22.0 18.7 28.1
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 41.99 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:252 Resp: 951570
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 41.46 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

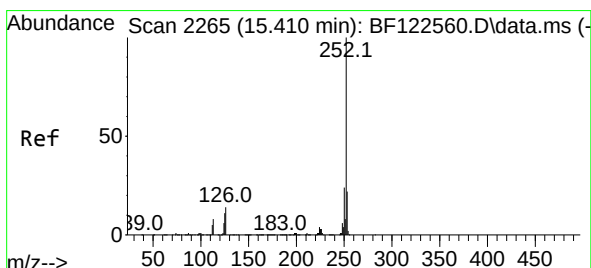
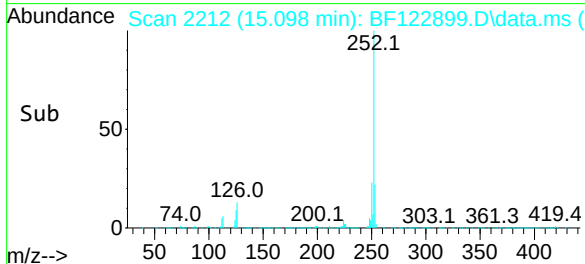
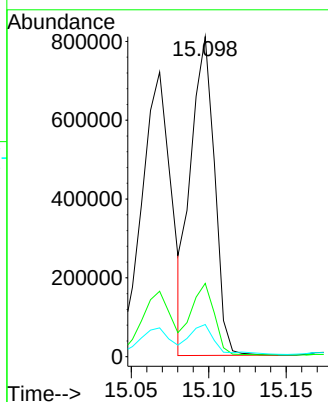
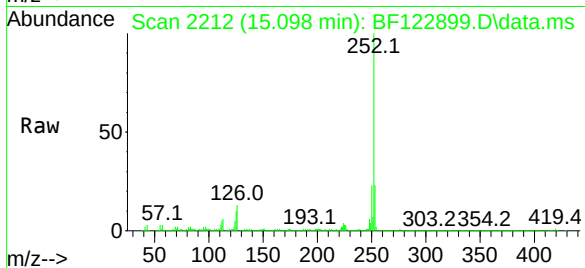
Tgt Ion:252 Resp: 859065

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 10.0 8.4 12.6



#90

Benzo(a)pyrene

Concen: 42.77 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF122899.D

Acq: 31 Dec 2020 16:48

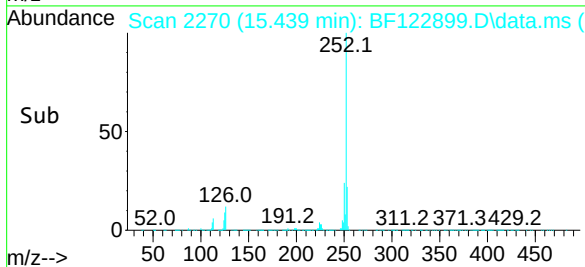
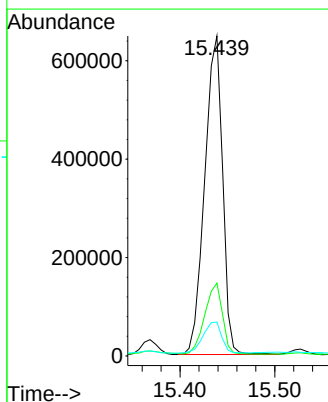
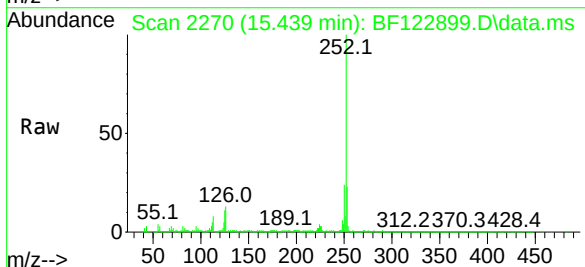
Tgt Ion:252 Resp: 847857

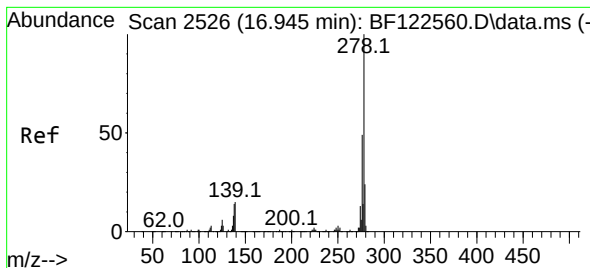
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 10.6 8.6 12.8

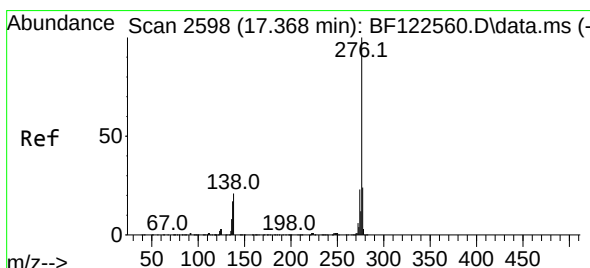
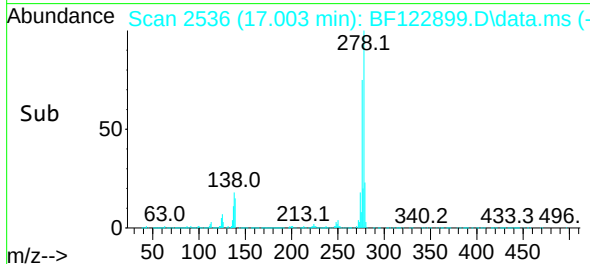
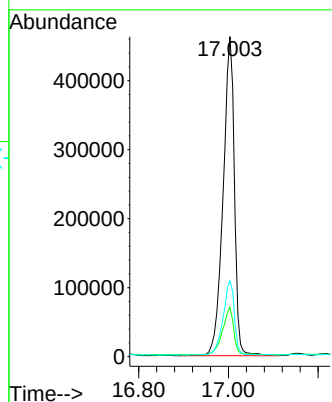
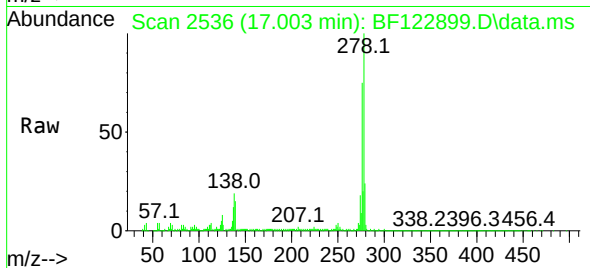




#91
Dibenzo(a,h)anthracene
Concen: 46.85 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.018 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

Tgt Ion:278 Resp: 812914
Ion Ratio Lower Upper
278 100
139 15.5 12.0 18.0
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 48.51 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.029 min
Lab File: BF122899.D
Acq: 31 Dec 2020 16:48

Tgt Ion:276 Resp: 814595
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 19.1 16.6 24.8

