

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122222.D
 Acq On : 2 Nov 2020 13:09
 Operator : JU/CG
 Sample : L4217-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820MS

Quant Time: Nov 02 14:10:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	83132	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	328394	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	171417	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	335250	20.00	ng	0.00
76) Chrysene-d12	13.886	240	278173	20.00	ng	0.00
86) Perylene-d12	15.321	264	248503	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	693683	123.16	ng	0.02
7) Phenol-d6	6.375	99	789433	108.88	ng	0.00
23) Nitrobenzene-d5	7.286	82	610549	95.35	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	311386	146.85	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1025258	88.00	ng	0.00
79) Terphenyl-d14	12.821	244	1246995	85.43	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.510	88	92764	37.45	ng	# 84
3) Pyridine	3.246	79	224043	34.40	ng	99
4) n-Nitrosodimethylamine	3.146	42	148037	47.02	ng	92
6) Aniline	6.381	93	271621	30.42	ng	# 41
8) 2-Chlorophenol	6.510	128	280699	49.31	ng	98
9) Benzaldehyde	6.275	77	46125	8.37	ng	93
10) Phenol	6.386	94	315212	42.13	ng	89
11) bis(2-Chloroethyl)ether	6.451	93	292869	50.63	ng	97
12) 1,3-Dichlorobenzene	6.645	146	289347	45.18	ng	99
13) 1,4-Dichlorobenzene	6.728	146	298131	46.37	ng	98
14) 1,2-Dichlorobenzene	6.881	146	278808	47.44	ng	99
15) Benzyl Alcohol	6.875	79	253816	54.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.986	45	427359	48.01	ng	55
17) 2-Methylphenol	6.992	107	227417	46.72	ng	# 86
18) Hexachloroethane	7.210	117	110702	47.67	ng	99
19) n-Nitroso-di-n-propyla...	7.134	70	218448	52.91	ng	97
20) 3+4-Methylphenols	7.151	107	309974	52.81	ng	# 61
22) Acetophenone	7.128	105	411424	48.69	ng	# 90
24) Nitrobenzene	7.304	77	325481	47.55	ng	99
25) Isophorone	7.545	82	577786	47.72	ng	98
26) 2-Nitrophenol	7.622	139	154283	48.95	ng	97
27) 2,4-Dimethylphenol	7.669	122	253294	47.14	ng	98
28) bis(2-Chloroethoxy)met...	7.751	93	359176	47.41	ng	100
29) 2,4-Dichlorophenol	7.875	162	244120	48.52	ng	98
30) 1,2,4-Trichlorobenzene	7.939	180	243285	45.47	ng	98
31) Naphthalene	8.016	128	814490	46.30	ng	100
32) Benzoic acid	7.851	122	130317	43.33	ng	96
33) 4-Chloroaniline	8.081	127	215634	28.78	ng	98
34) Hexachlorobutadiene	8.128	225	149264	47.05	ng	98
35) Caprolactam	8.475	113	34788	21.77	ng	98
36) 4-Chloro-3-methylphenol	8.580	107	273692	50.65	ng	97
37) 2-Methylnaphthalene	8.704	142	534708	46.93	ng	97
38) 1-Methylnaphthalene	8.804	142	499067	47.30	ng	98
40) 1,2,4,5-Tetrachloroben...	8.875	216	257926	46.62	ng	100
41) Hexachlorocyclopentadiene	8.851	237	86178	58.89	ng	98
43) 2,4,6-Trichlorophenol	8.998	196	171300	50.18	ng	100

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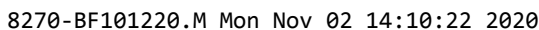
Instrument :
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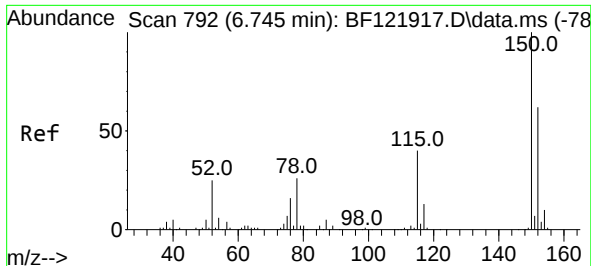
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	168013	45.57	ng	98
46) 1,1'-Biphenyl	9.169	154	657397	47.17	ng	99
47) 2-Chloronaphthalene	9.198	162	508466	46.91	ng	100
48) 2-Nitroaniline	9.310	65	187985	52.58	ng	97
49) Acenaphthylene	9.610	152	781834	46.96	ng	100
50) Dimethylphthalate	9.475	163	667127	53.22	ng	99
51) 2,6-Dinitrotoluene	9.551	165	137614	50.05	ng	96
52) Acenaphthene	9.780	154	478300	48.30	ng	99
53) 3-Nitroaniline	9.727	138	115141	36.82	ng	100
54) 2,4-Dinitrophenol	9.851	184	140364	97.86	ng	# 87
55) Dibenzofuran	9.957	168	711217	49.11	ng	96
56) 4-Nitrophenol	9.957	139	450237	264.68	ng	# 19
57) 2,4-Dinitrotoluene	9.963	165	187834	55.49	ng	93
58) Fluorene	10.298	166	584402	50.09	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	162064	56.82	ng	95
60) Diethylphthalate	10.175	149	638453	52.82	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	285866	51.09	ng	96
62) 4-Nitroaniline	10.351	138	146690	46.95	ng	94
63) Azobenzene	10.445	77	657298	51.42	ng	97
65) 4,6-Dinitro-2-methylph...	10.380	198	107687	47.94	ng	93
66) n-Nitrosodiphenylamine	10.410	169	549012	47.54	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	190194	49.11	ng	97
68) Hexachlorobenzene	10.851	284	211863	48.33	ng	# 90
69) Atrazine	10.945	200	143352	50.77	ng	98
70) Pentachlorophenol	11.057	266	164923	94.12	ng	99
71) Phenanthrene	11.263	178	881706	47.97	ng	100
72) Anthracene	11.316	178	918749	48.19	ng	99
73) Carbazole	11.474	167	843160	49.74	ng	99
74) Di-n-butylphthalate	11.792	149	1005374	51.55	ng	99
75) Fluoranthene	12.451	202	979288	49.69	ng	99
77) Benzidine	12.580	184	344448	40.16	ng	100
78) Pyrene	12.680	202	998326	47.09	ng	99
80) Butylbenzylphthalate	13.292	149	441666	52.54	ng	97
81) Benzo(a)anthracene	13.874	228	899903	49.37	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	237613	35.14	ng	98
83) Chrysene	13.915	228	876872	49.00	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	603023	52.84	ng	99
85) Di-n-octyl phthalate	14.457	149	1004800	54.43	ng	100
87) Indeno(1,2,3-cd)pyrene	16.745	276	729973	45.24	ng	97
88) Benzo(b)fluoranthene	14.915	252	832222	49.54	ng	98
89) Benzo(k)fluoranthene	14.939	252	757231	47.46	ng	99
90) Benzo(a)pyrene	15.268	252	700894	48.31	ng	99
91) Dibenzo(a,h)anthracene	16.745	278	608676	45.82	ng	98
92) Benzo(g,h,i)perylene	17.168	276	605270	45.52	ng	96

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

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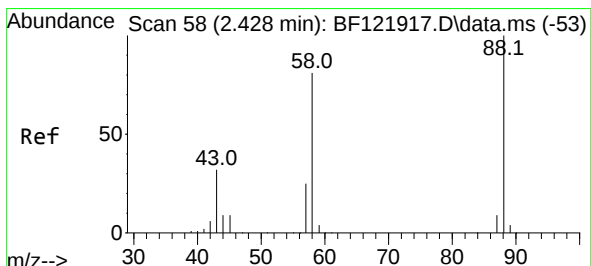
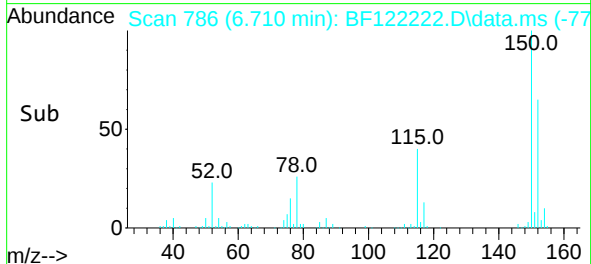
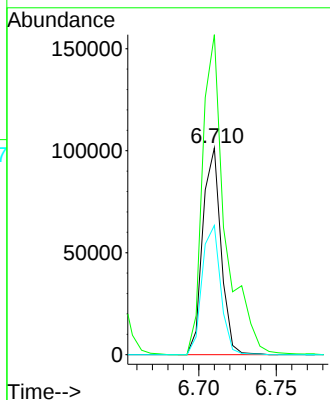
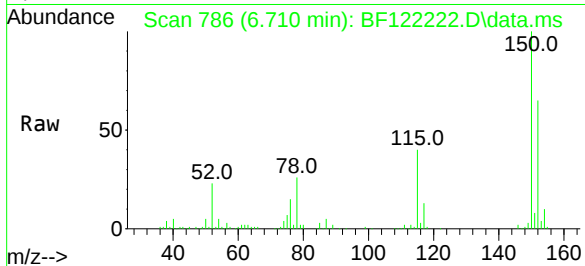




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122222.D
 Acq: 2 Nov 2020 13:09

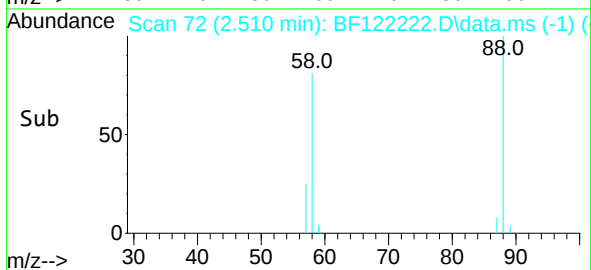
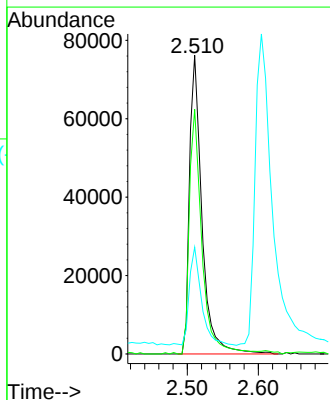
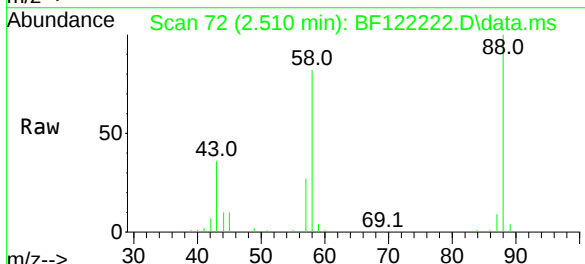
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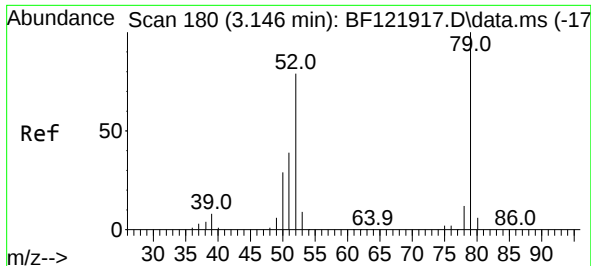
Tgt Ion:152 Resp: 83132
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.3 187.9
 115 62.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 37.45 ng
 RT: 2.510 min Scan# 72
 Delta R.T. 0.147 min
 Lab File: BF122222.D
 Acq: 2 Nov 2020 13:09

Tgt Ion: 88 Resp: 92764
 Ion Ratio Lower Upper
 88 100
 58 82.5 65.8 98.8
 43 0.0 25.8 38.8#

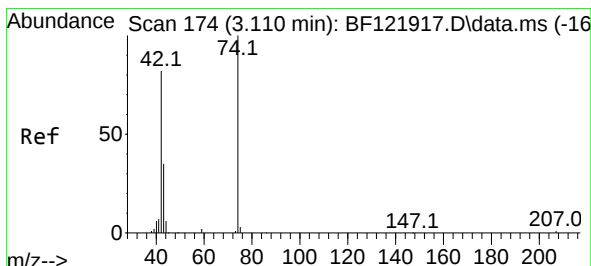
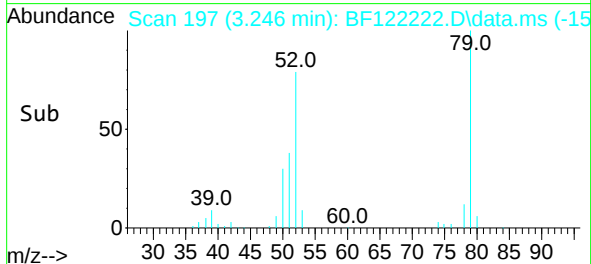
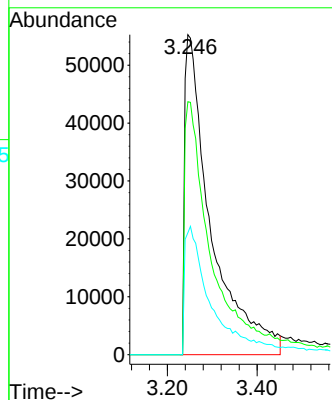
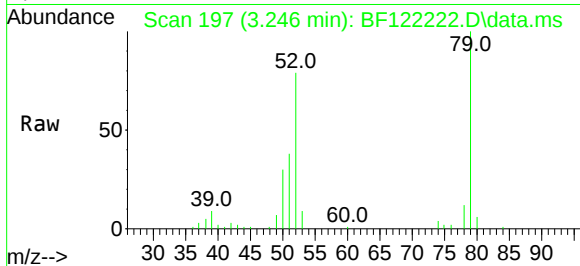




#3
Pyridine
Concen: 34.40 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.165 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

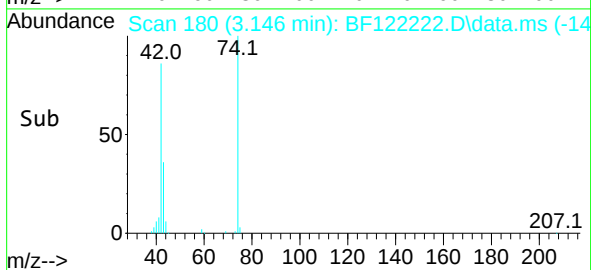
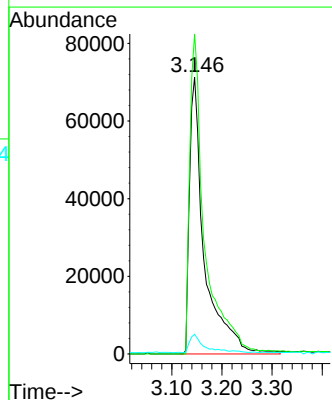
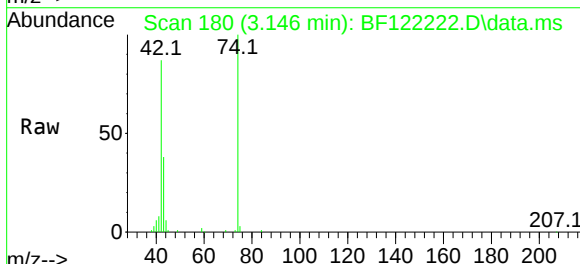
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BNA_F
ClientSampleId :
HR-01-102820MS

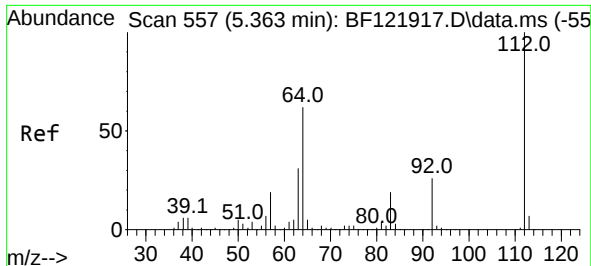
Tgt Ion:	79	Resp:	224043
Ion	Ratio	Lower	Upper
79	100		
52	79.1	62.2	93.4
51	38.1	31.1	46.7



#4
n-Nitrosodimethylamine
Concen: 47.02 ng
RT: 3.146 min Scan# 180
Delta R.T. 0.100 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:	42	Resp:	148037
Ion	Ratio	Lower	Upper
42	100		
74	115.5	100.2	150.2
44	7.1	5.8	8.6

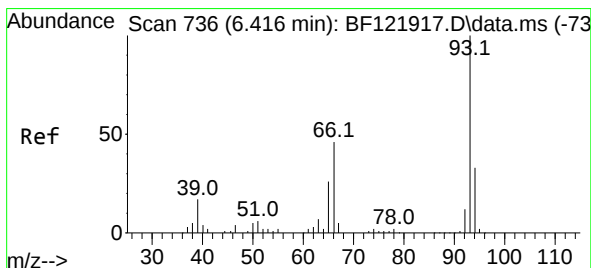
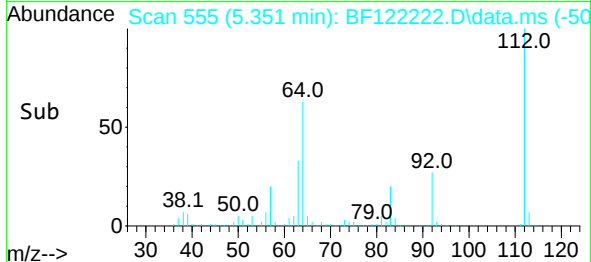
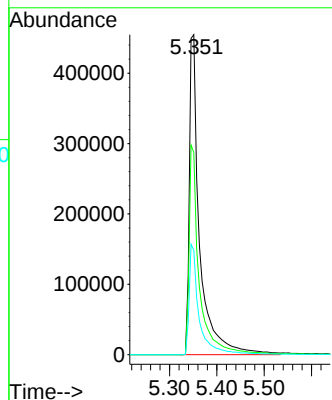
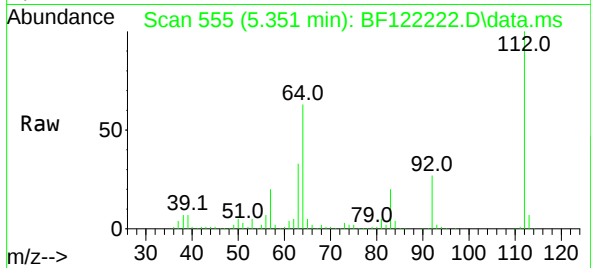




#5
2-Fluorophenol
Concen: 123.16 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

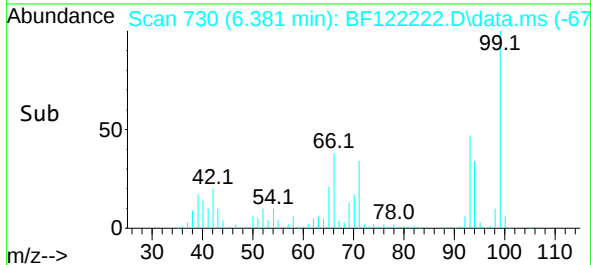
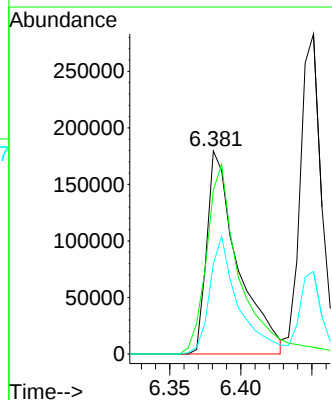
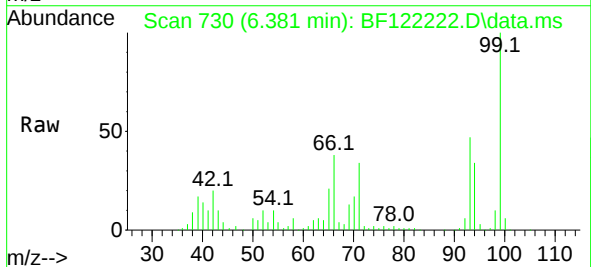
Instrument :
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ClientSampleId :
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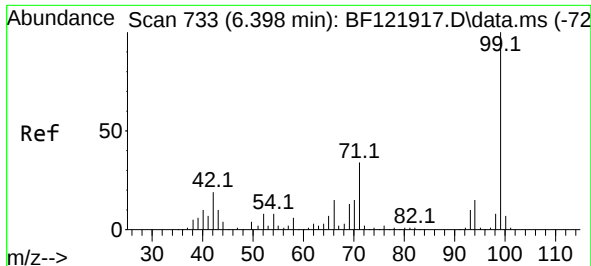
Tgt Ion:112 Resp: 693683
Ion Ratio Lower Upper
112 100
64 63.2 50.4 75.6
63 32.6 25.8 38.6



#6
Aniline
Concen: 30.42 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion: 93 Resp: 271621
Ion Ratio Lower Upper
93 100
66 80.7 32.7 49.1#
65 44.4 16.6 24.8#

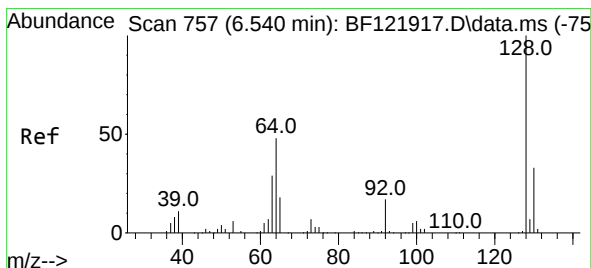
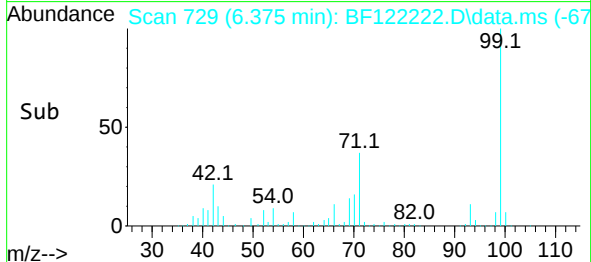
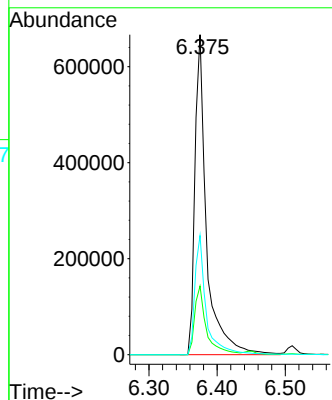
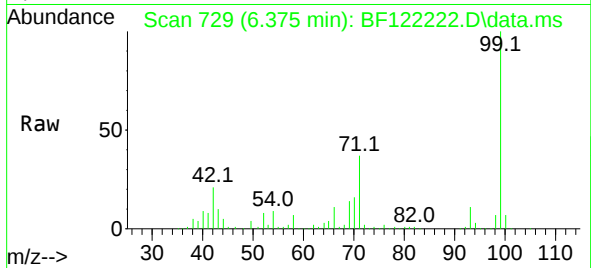




#7
Phenol-d6
Concen: 108.88 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

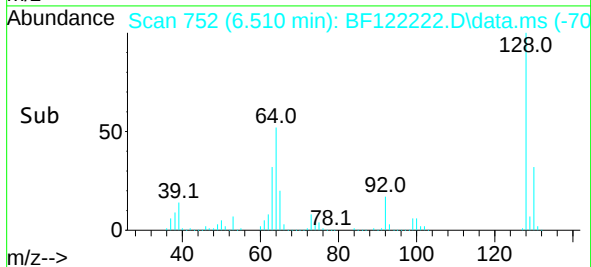
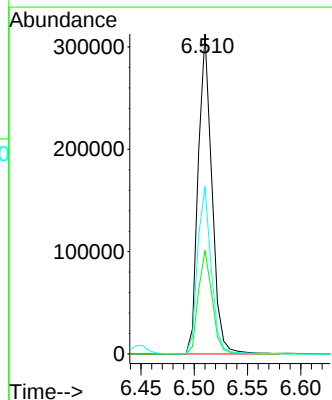
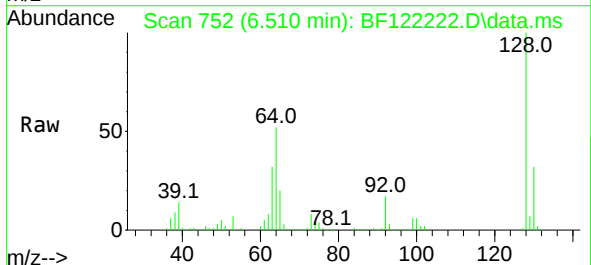
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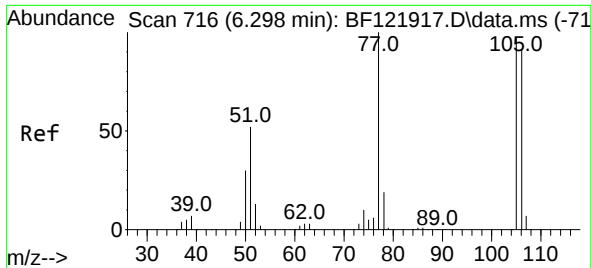
Tgt Ion: 99 Resp: 789433
Ion Ratio Lower Upper
99 100
42 21.4 15.9 23.9
71 37.3 27.1 40.7



#8
2-Chlorophenol
Concen: 49.31 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion: 128 Resp: 280699
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.1 34.8 74.8

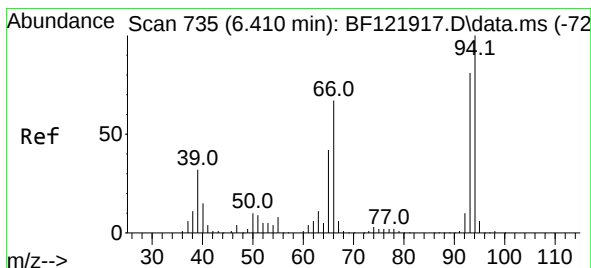
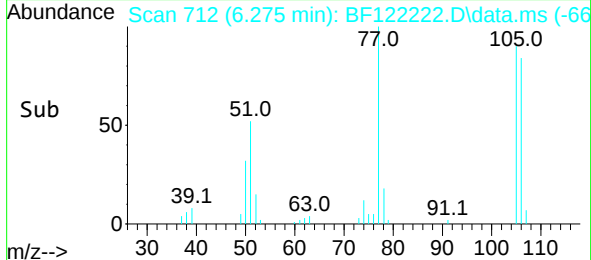
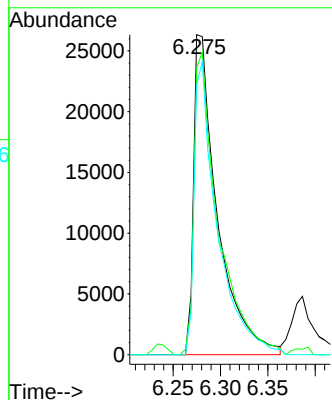
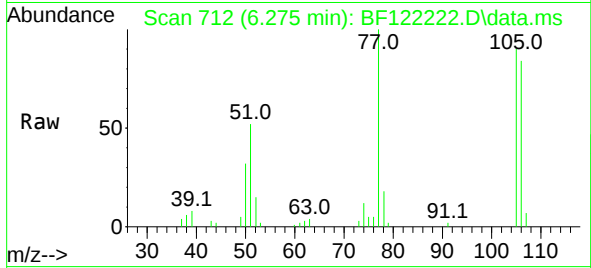




#9
Benzaldehyde
Concen: 8.37 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

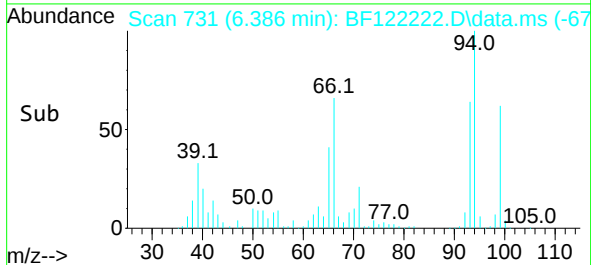
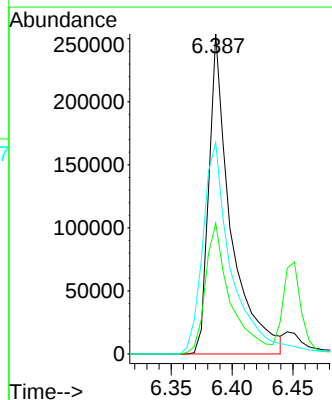
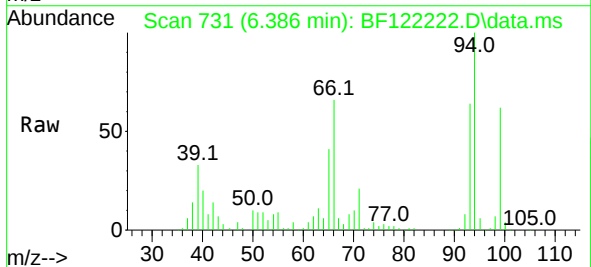
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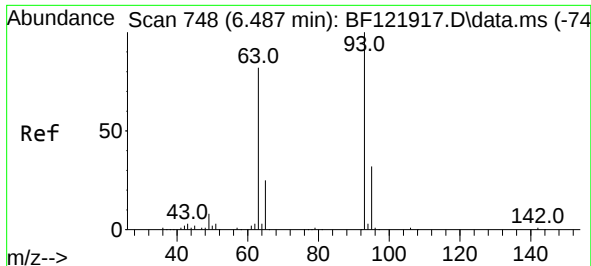
Tgt Ion:	77	Resp:	46125
Ion	Ratio	Lower	Upper
77	100		
105	89.6	76.7	116.7
106	84.4	71.3	111.3



#10
Phenol
Concen: 42.13 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:	94	Resp:	315212
Ion	Ratio	Lower	Upper
94	100		
65	40.9	17.1	57.1
66	66.1	36.0	76.0

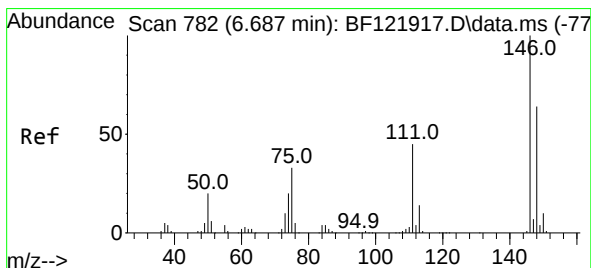
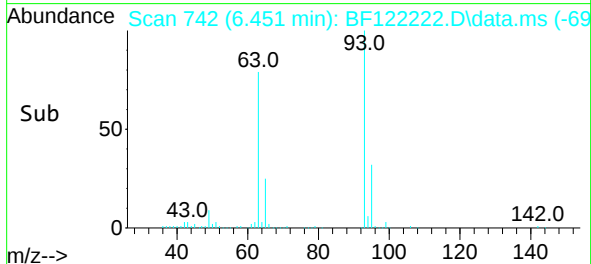
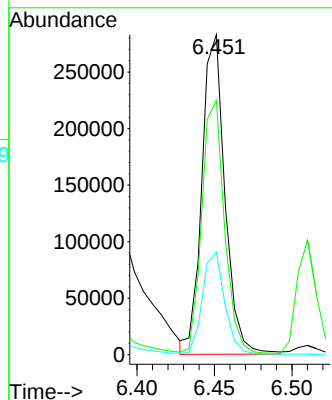
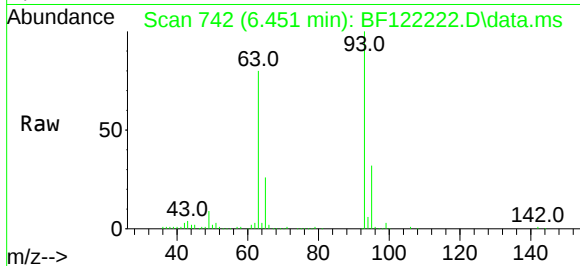




#11
bis(2-Chloroethyl)ether
Concen: 50.63 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

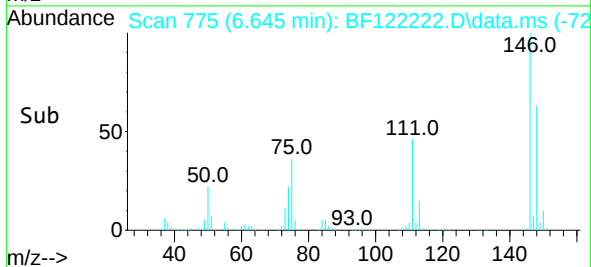
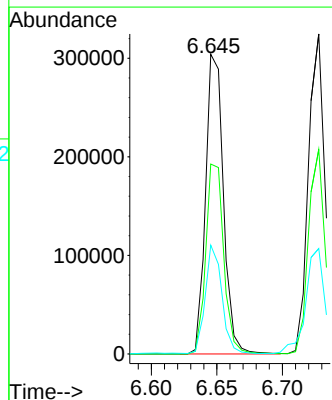
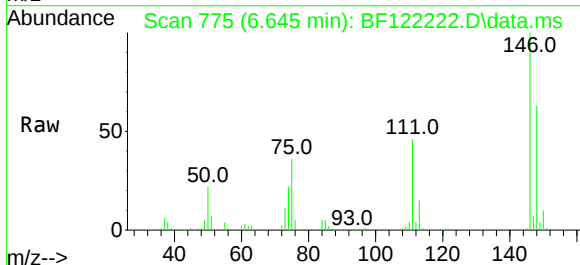
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

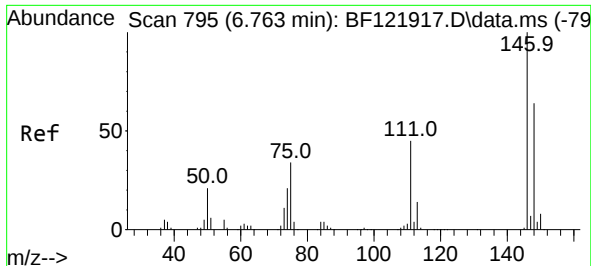
Tgt Ion: 93 Resp: 292869
Ion Ratio Lower Upper
93 100
63 79.5 62.4 102.4
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.18 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion: 146 Resp: 289347
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 36.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.37 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

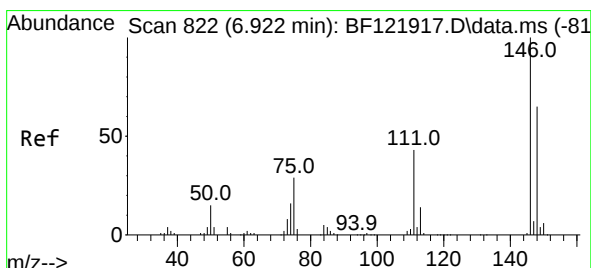
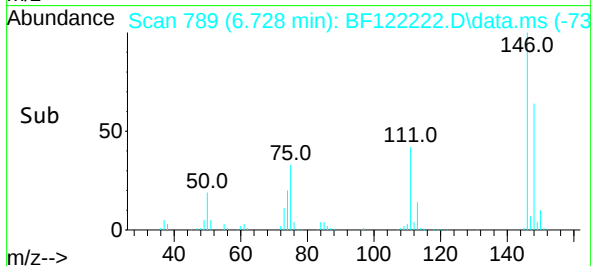
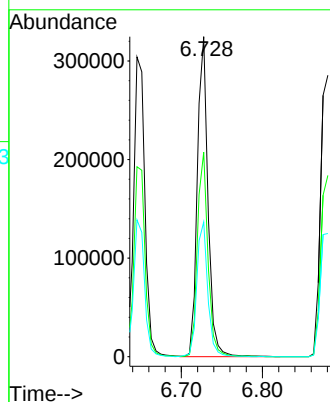
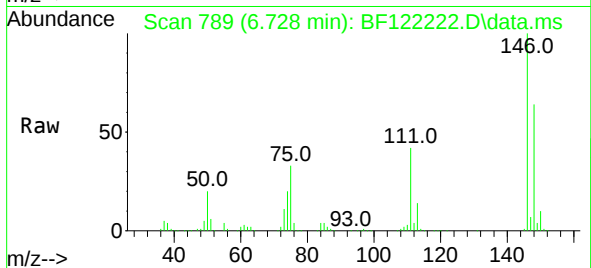
Tgt Ion:146 Resp: 298131

Ion Ratio Lower Upper

146 100

148 63.9 50.1 75.1

111 42.1 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 47.44 ng

RT: 6.881 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

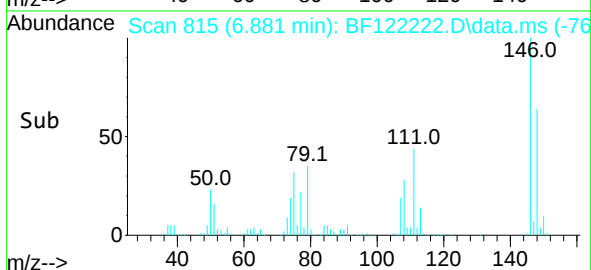
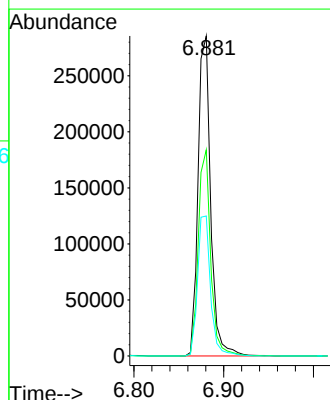
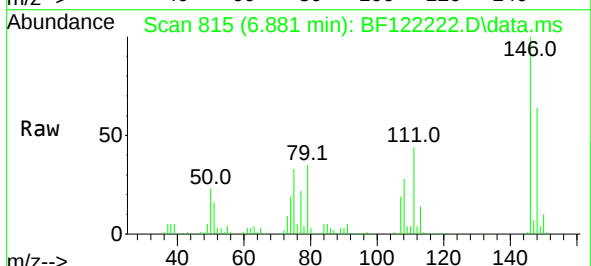
Tgt Ion:146 Resp: 278808

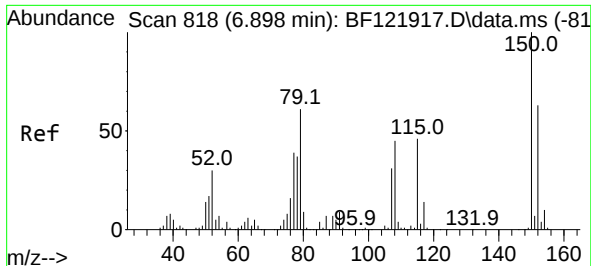
Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

111 43.8 34.2 51.4

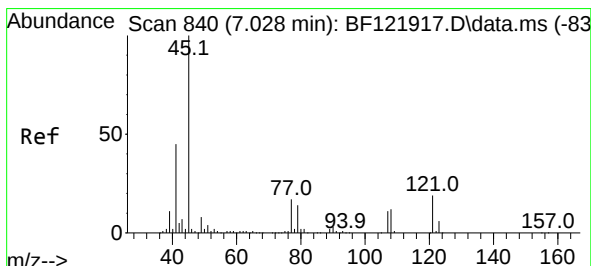
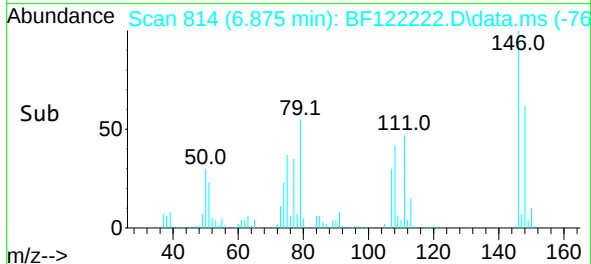
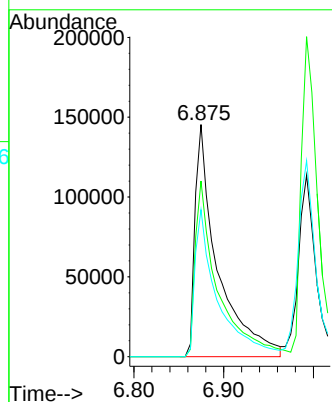
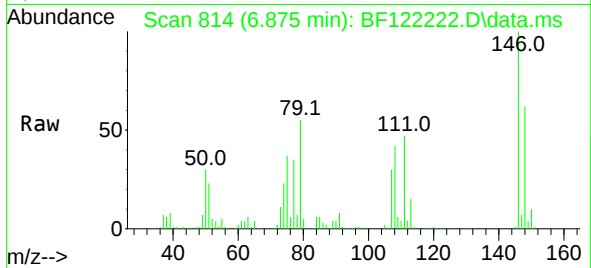




#15
Benzyl Alcohol
Concen: 54.12 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

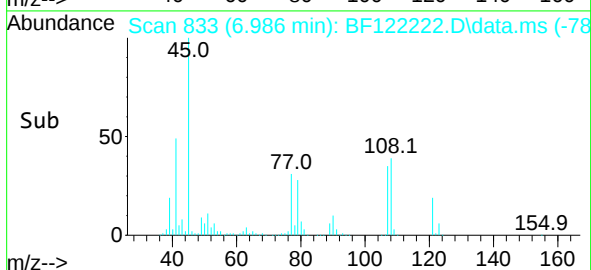
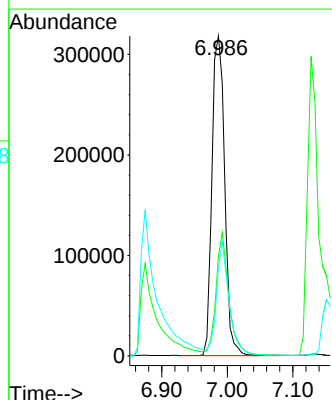
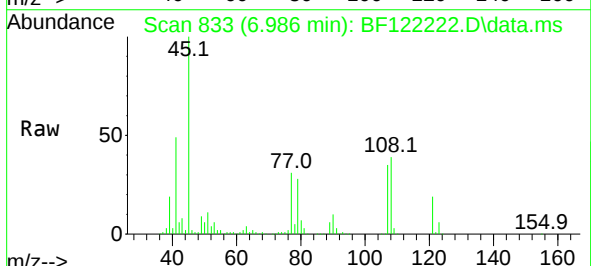
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

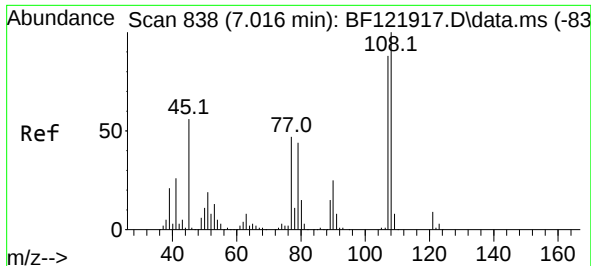
Tgt Ion: 79 Resp: 253816
Ion Ratio Lower Upper
79 100
108 75.7 62.3 93.5
77 63.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.01 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion: 45 Resp: 427359
Ion Ratio Lower Upper
45 100
77 31.2 0.0 33.3
79 27.7 0.0 30.4

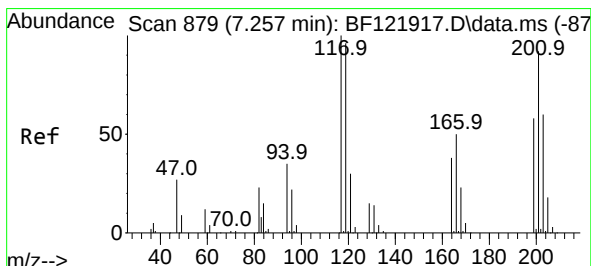
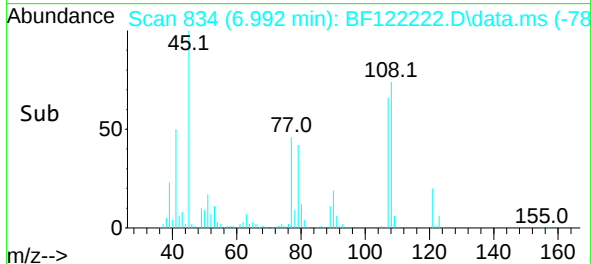
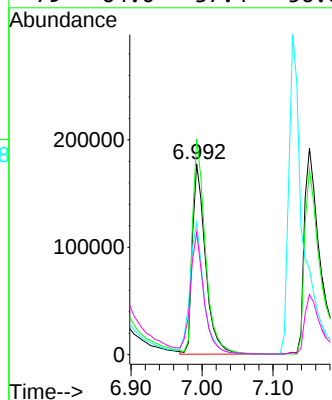
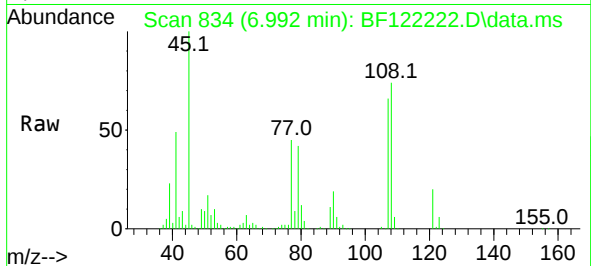




#17
2-Methylphenol
Concen: 46.72 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

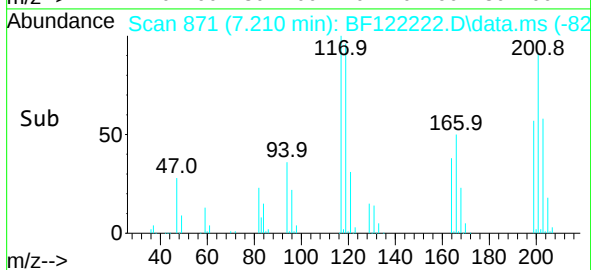
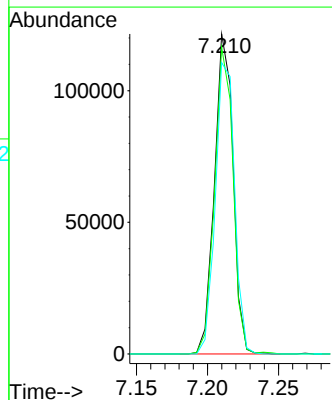
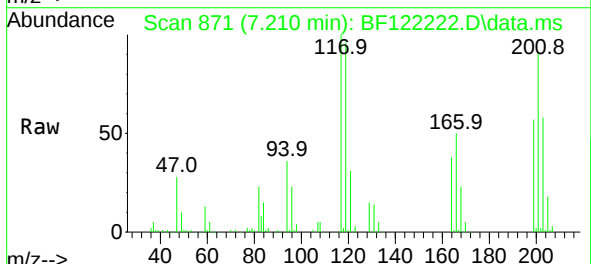
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

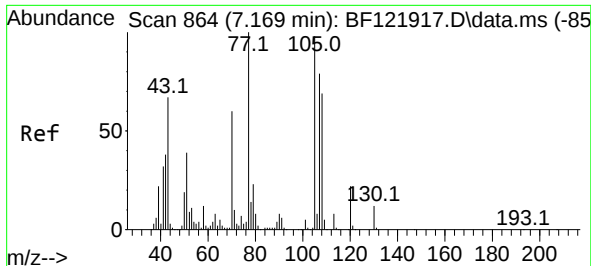
Tgt Ion:107 Resp: 227417
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 69.1 37.5 56.3#
79 64.0 37.4 56.0#



#18
Hexachloroethane
Concen: 47.67 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

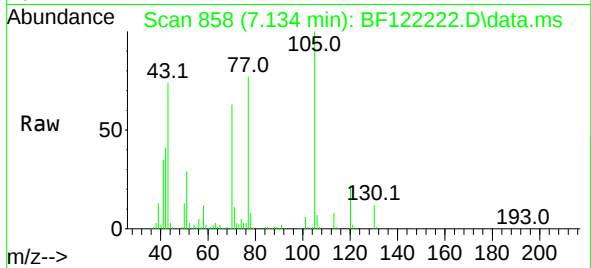
Tgt Ion:117 Resp: 110702
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
201 91.0 71.8 107.6



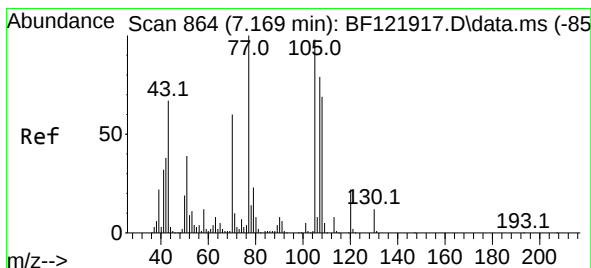
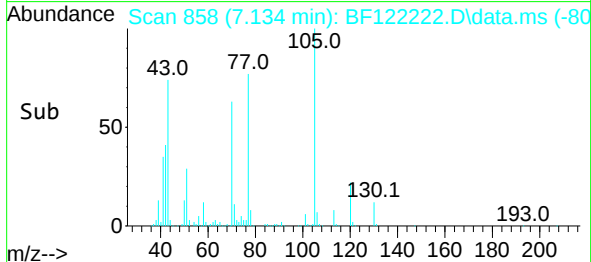
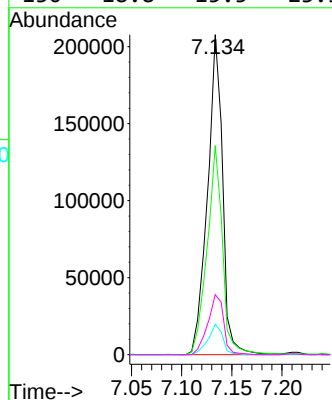


#19
n-Nitroso-di-n-propylamine
Concen: 52.91 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

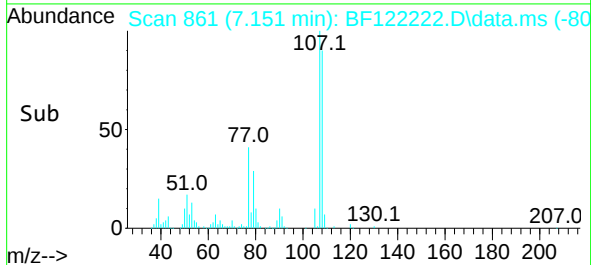
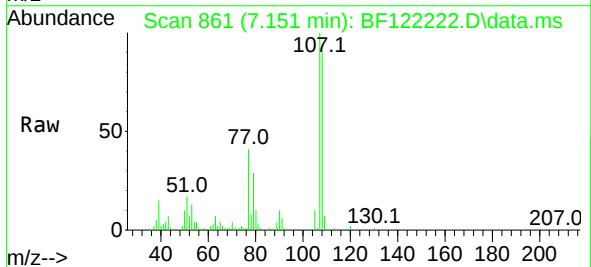
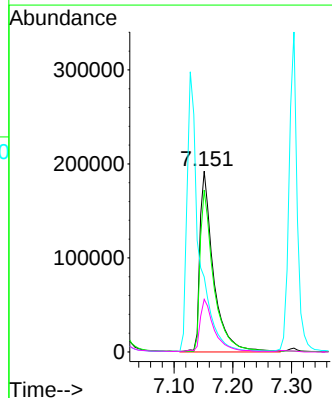


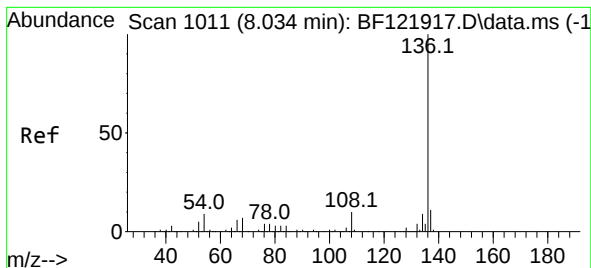
Tgt Ion:	70	Resp:	218448
Ion	Ratio	Lower	Upper
70	100		
42	65.3	50.2	75.4
101	9.5	7.5	11.3
130	18.8	15.5	23.3



#20
3+4-Methylphenols
Concen: 52.81 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

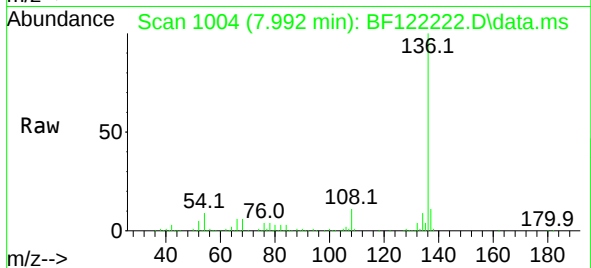
Tgt Ion:	107	Resp:	309974
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.9	108.9
77	41.5	108.0	148.0#
79	29.2	10.5	50.5



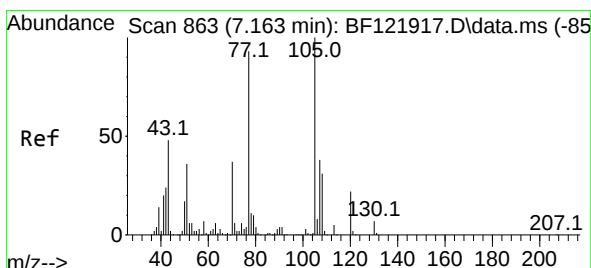
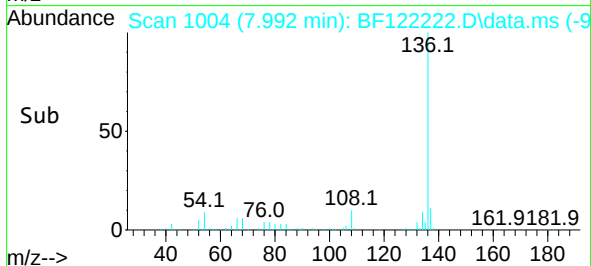
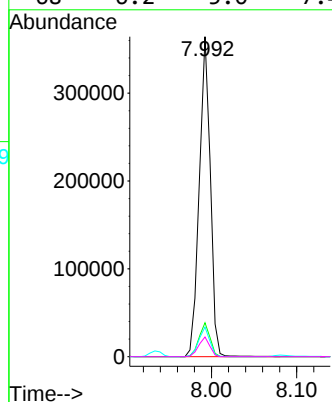


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

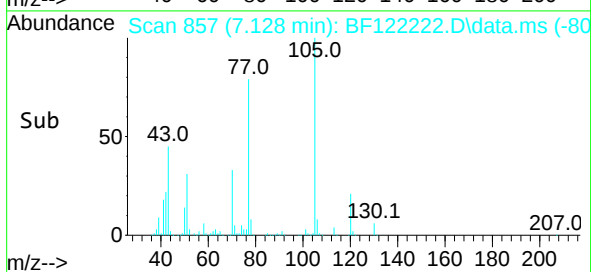
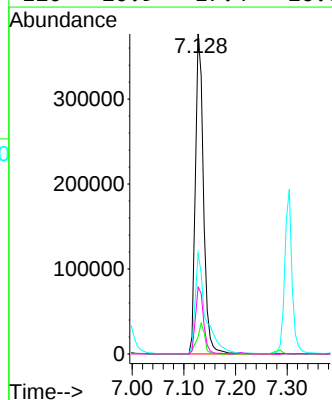
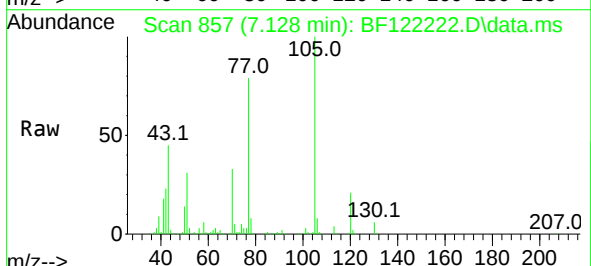


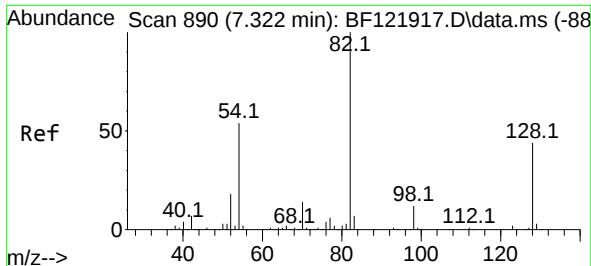
Tgt Ion:136 Resp: 328394
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 7.1 10.7
68 6.2 5.0 7.4



#22
Acetophenone
Concen: 48.69 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:105 Resp: 411424
Ion Ratio Lower Upper
105 100
71 5.4 5.3 7.9
51 31.5 33.2 49.8#
120 20.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 95.35 ng

RT: 7.286 min Scan# 884

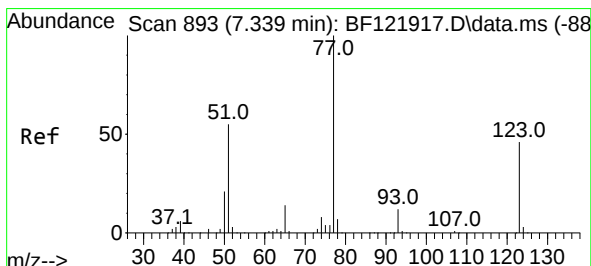
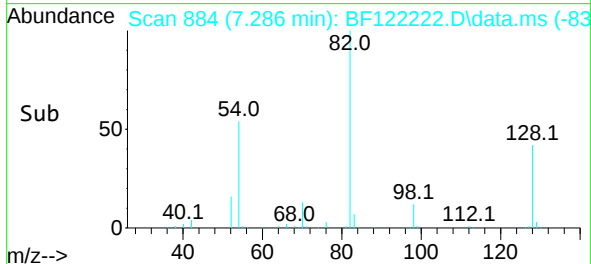
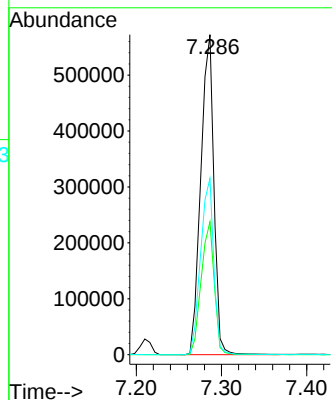
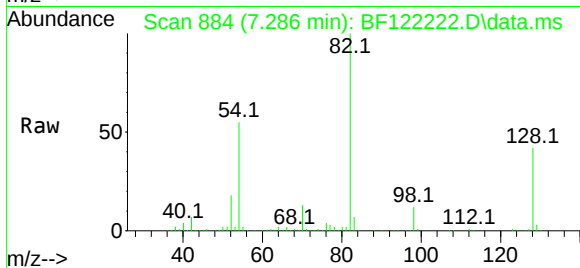
Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion: 82 Resp: 610549

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	55.1	43.9	65.9



#24

Nitrobenzene

Concen: 47.55 ng

RT: 7.304 min Scan# 887

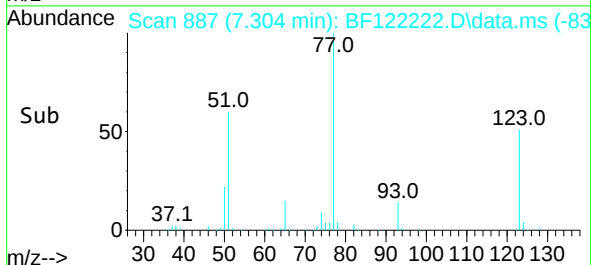
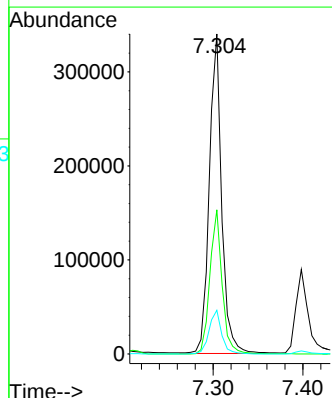
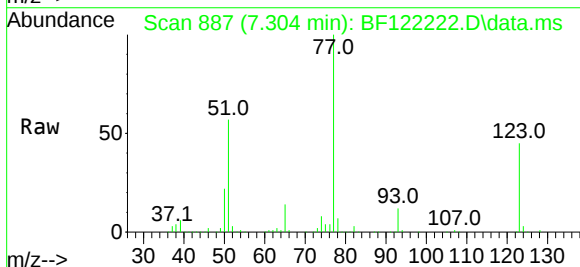
Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion: 77 Resp: 325481

Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.6	53.4
65	13.6	11.2	16.8

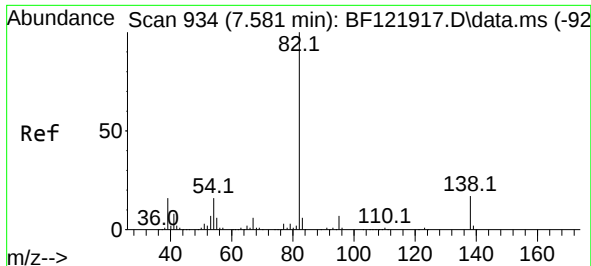


Instrument :

BNA_F

ClientSampleId :

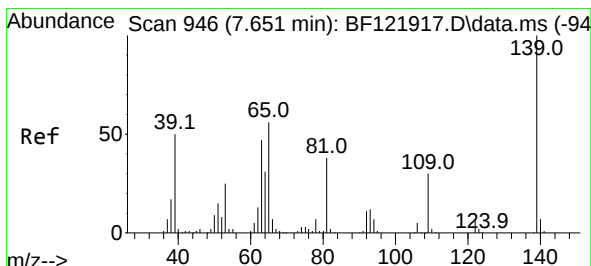
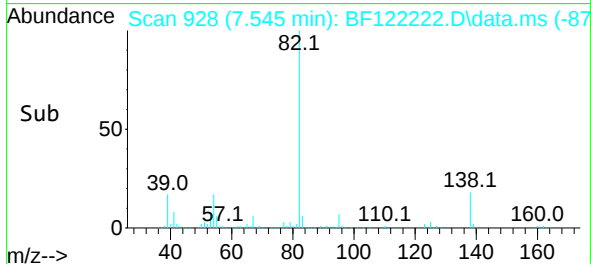
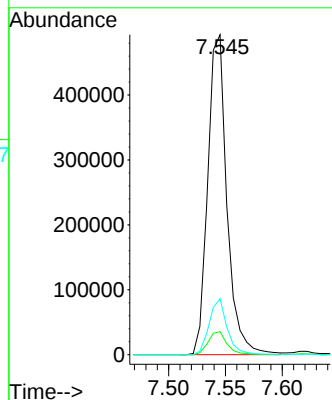
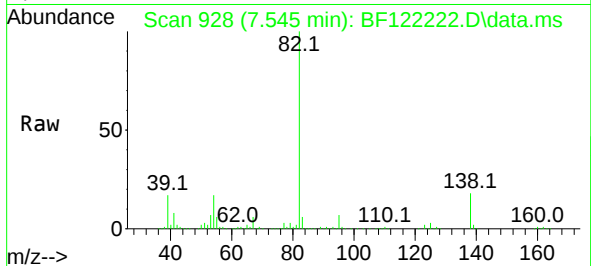
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#25
Isophorone
Concen: 47.72 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

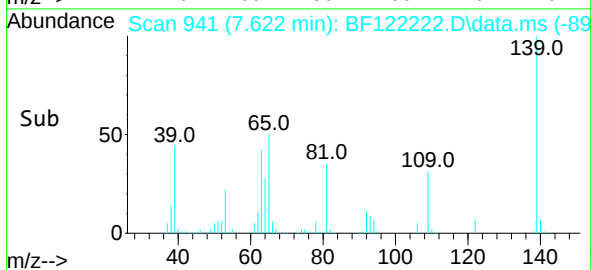
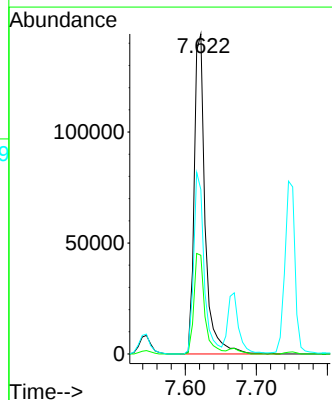
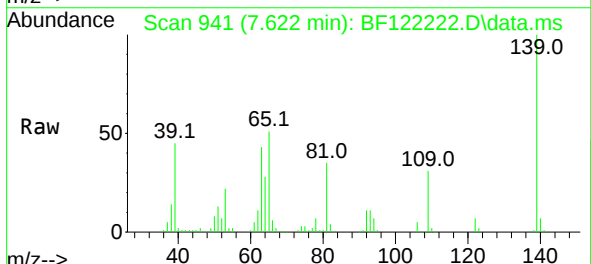
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

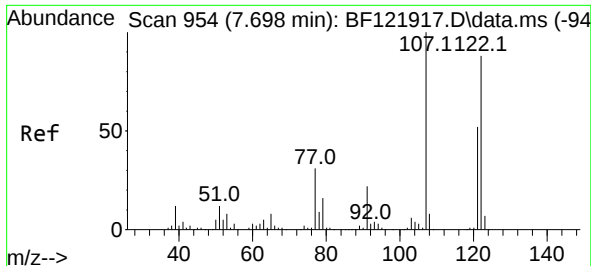
Tgt Ion: 82 Resp: 577786
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 17.5 13.4 20.0



#26
2-Nitrophenol
Concen: 48.95 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:139 Resp: 154283
Ion Ratio Lower Upper
139 100
109 30.8 23.0 34.4
65 51.4 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 47.14 ng

RT: 7.669 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

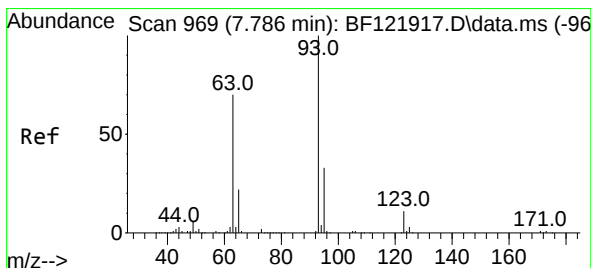
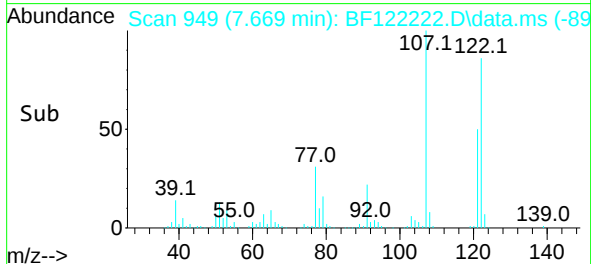
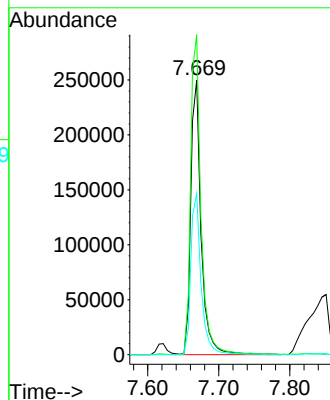
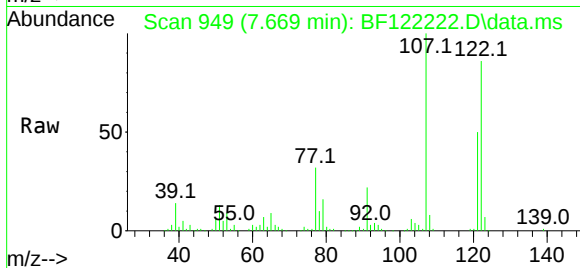
Tgt Ion:122 Resp: 253294

Ion Ratio Lower Upper

122 100

107 116.6 90.8 136.2

121 58.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.41 ng

RT: 7.751 min Scan# 963

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

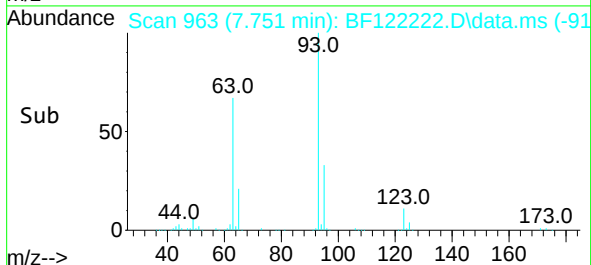
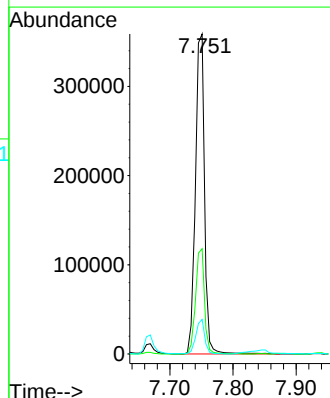
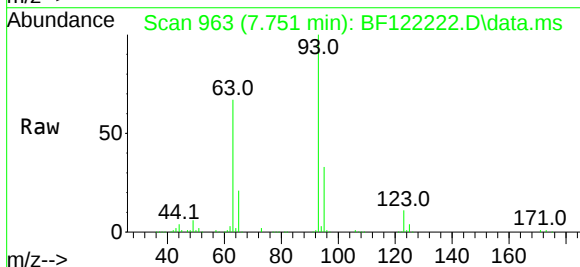
Tgt Ion: 93 Resp: 359176

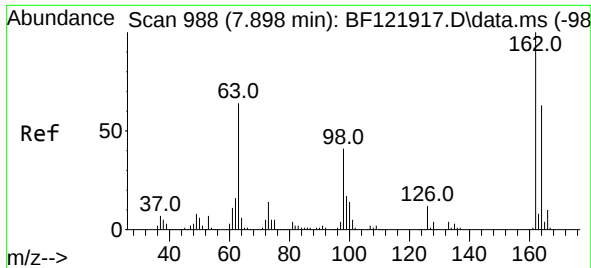
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 10.8 8.8 13.2

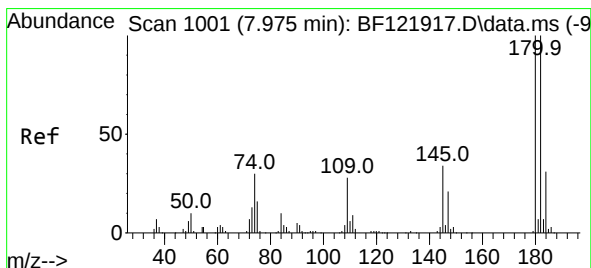
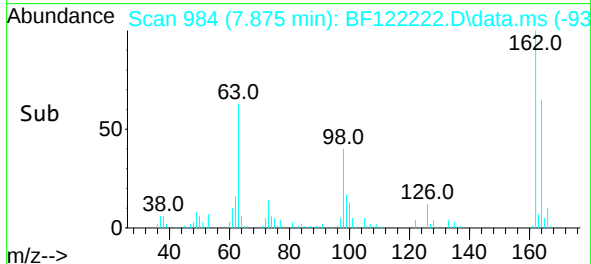
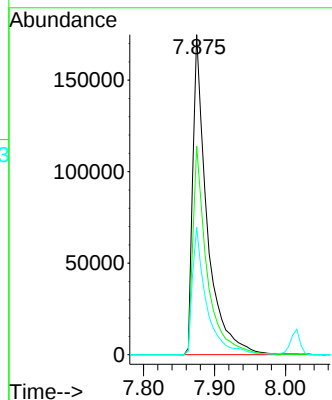
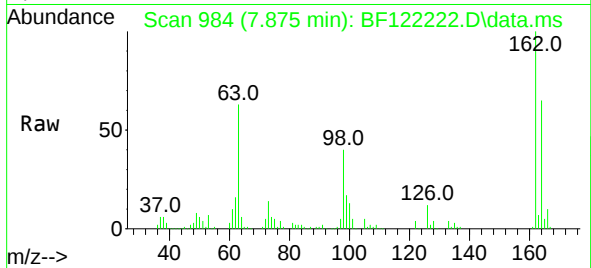




#29
2,4-Dichlorophenol
Concen: 48.52 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

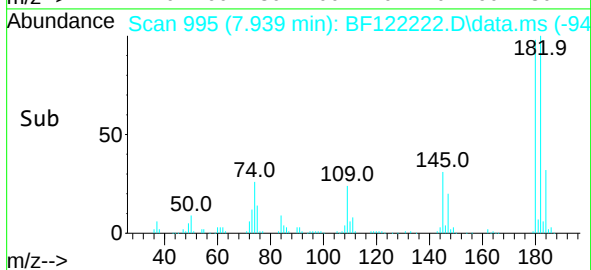
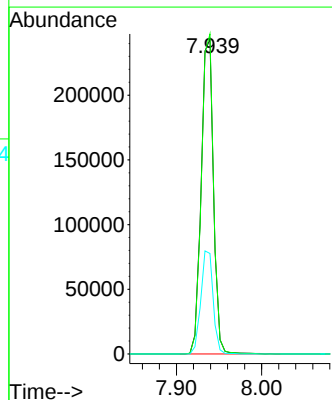
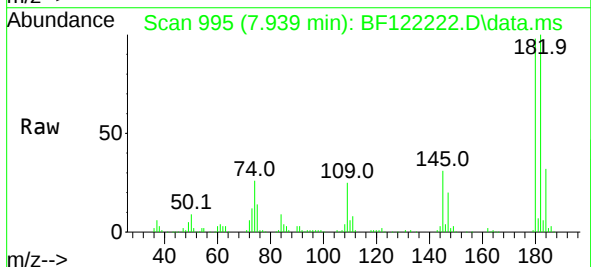
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

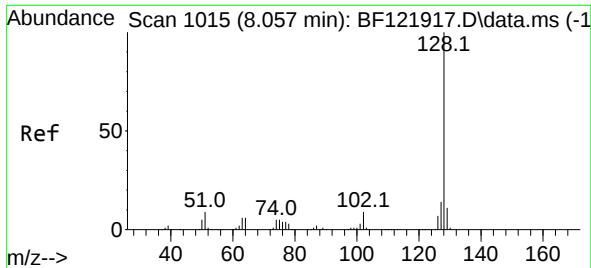
Tgt Ion:162	Resp:	244120
Ion Ratio	Lower	Upper
162	100	
164	65.1	42.5 82.5
98	39.8	20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 45.47 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:180	Resp:	243285
Ion Ratio	Lower	Upper
180	100	
182	101.7	79.4 119.2
145	31.9	25.5 38.3

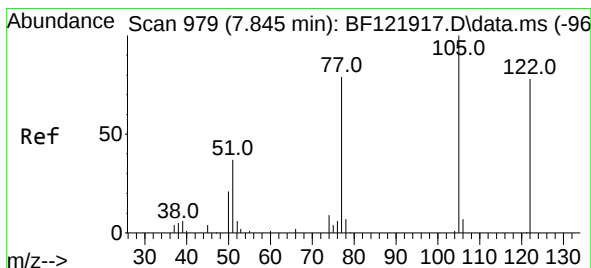
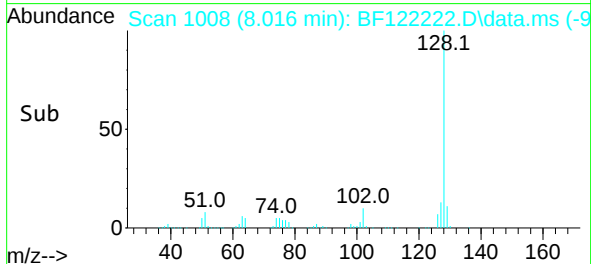
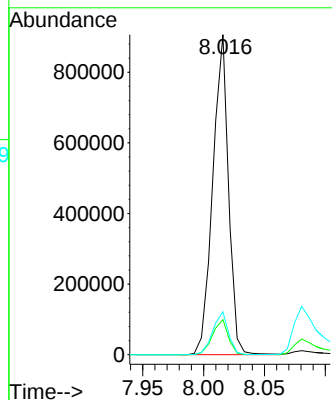
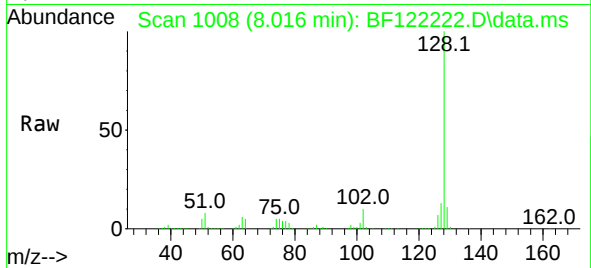




#31
Naphthalene
Concen: 46.30 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

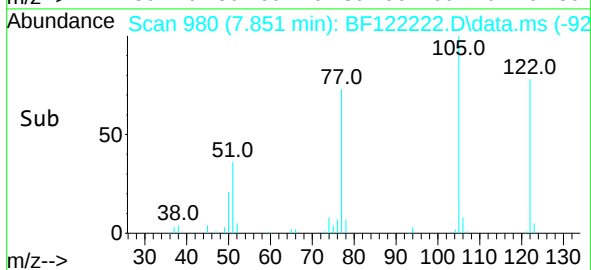
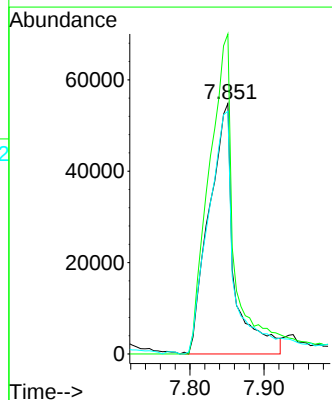
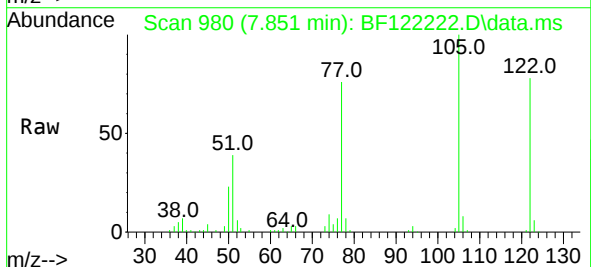
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

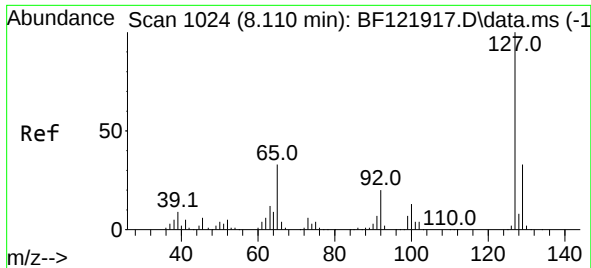
Tgt Ion:128 Resp: 814490
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.33 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.023 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:122 Resp: 130317
Ion Ratio Lower Upper
122 100
105 127.8 103.3 143.3
77 96.9 73.9 113.9



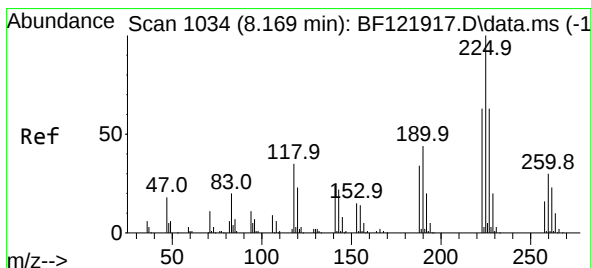
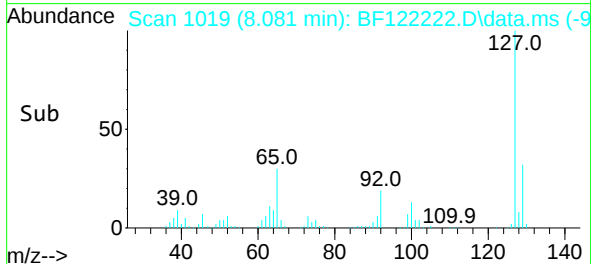
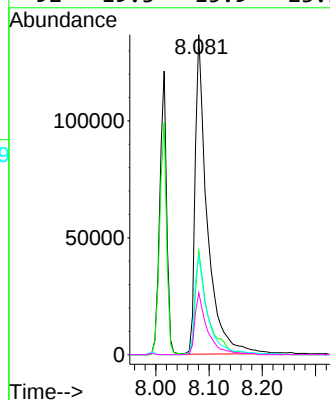
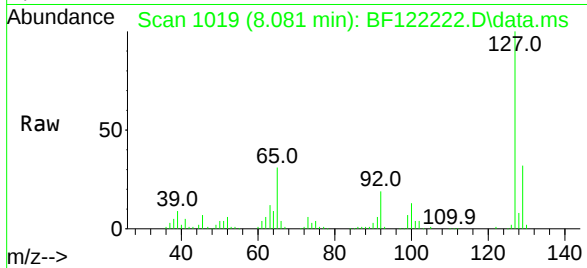


#33
4-Chloroaniline
Concen: 28.78 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

Tgt Ion:127 Resp: 215634

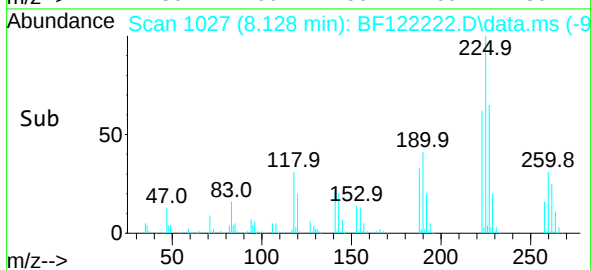
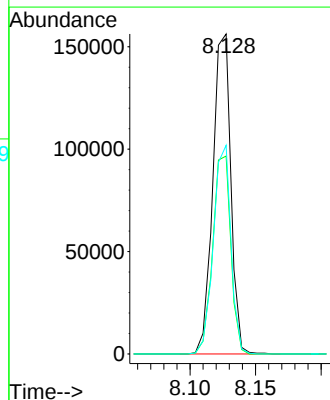
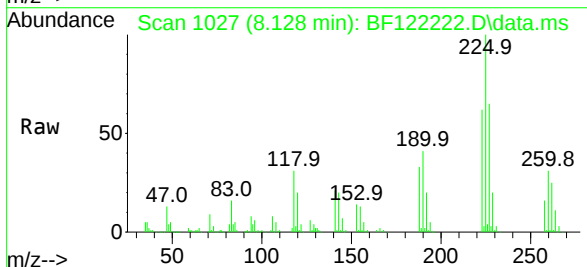
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	30.7	26.2	39.2
92	19.3	15.9	23.9

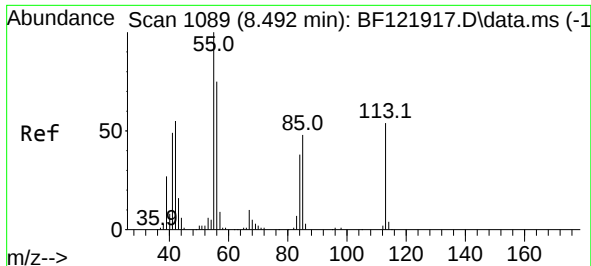


#34
Hexachlorobutadiene
Concen: 47.05 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:225 Resp: 149264

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	65.2	51.0	76.6





#35

Caprolactam

Concen: 21.77 ng

RT: 8.475 min Scan# 1086

Delta R.T. 0.012 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

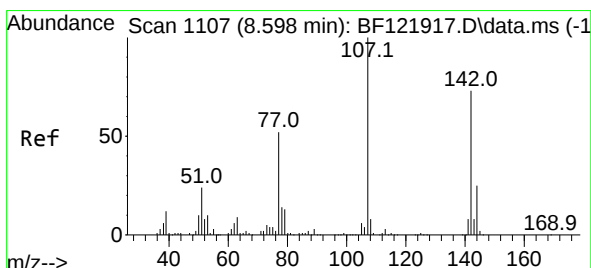
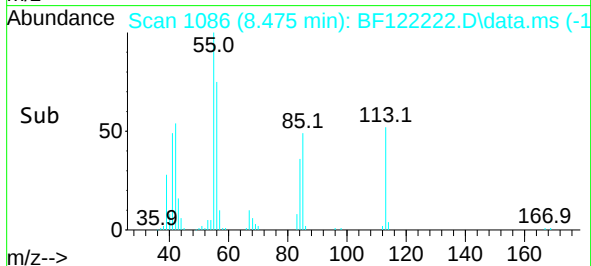
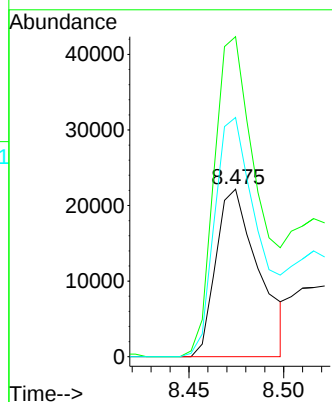
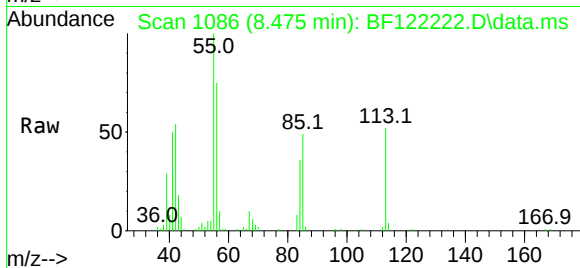
Tgt Ion:113 Resp: 34788

Ion Ratio Lower Upper

113 100

55 190.9 167.5 207.5

56 142.7 121.2 161.2



#36

4-Chloro-3-methylphenol

Concen: 50.65 ng

RT: 8.580 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

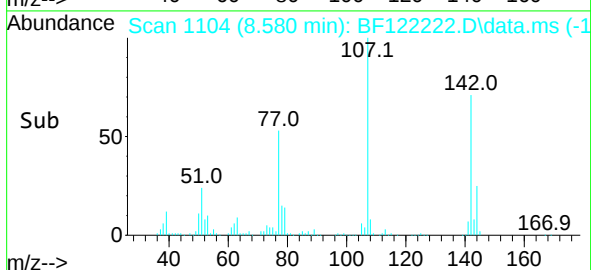
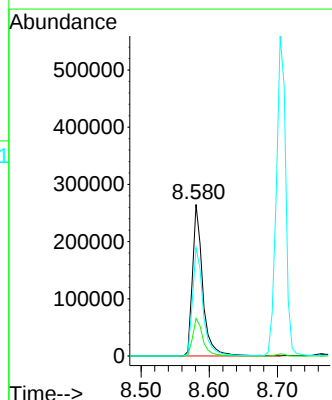
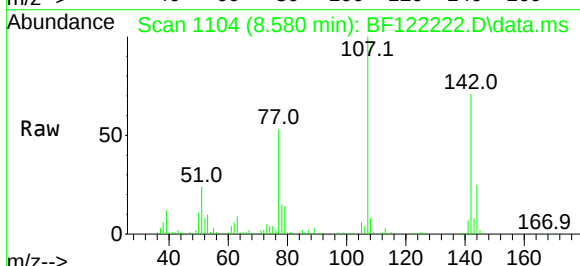
Tgt Ion:107 Resp: 273692

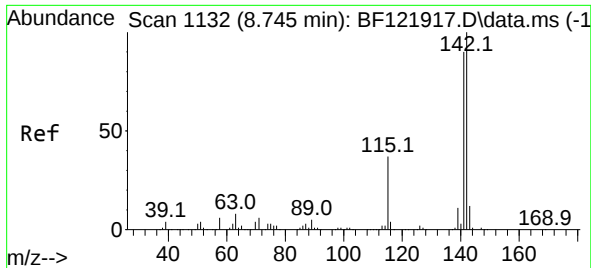
Ion Ratio Lower Upper

107 100

144 24.7 20.1 30.1

142 71.5 59.3 88.9

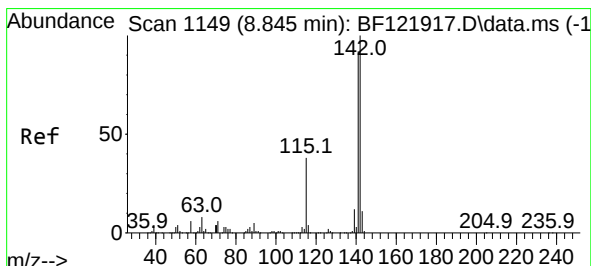
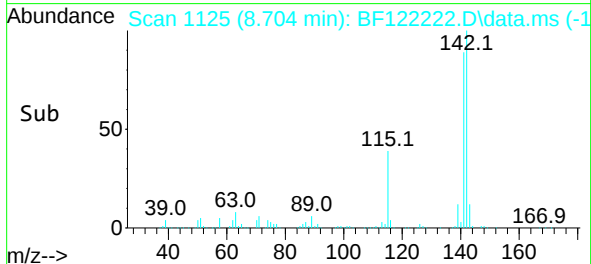
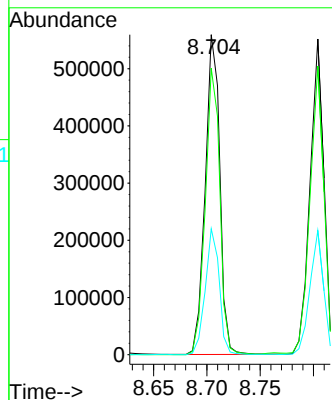
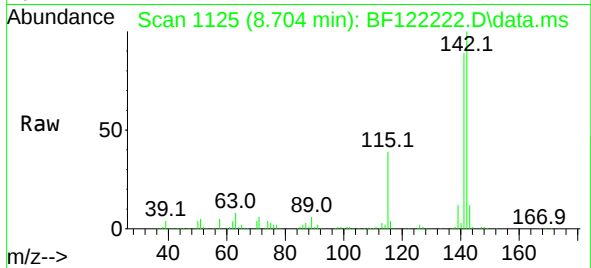




#37
2-Methylnaphthalene
Concen: 46.93 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

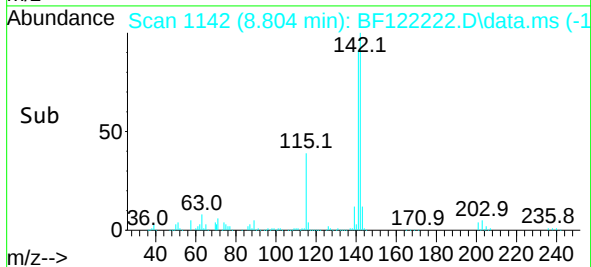
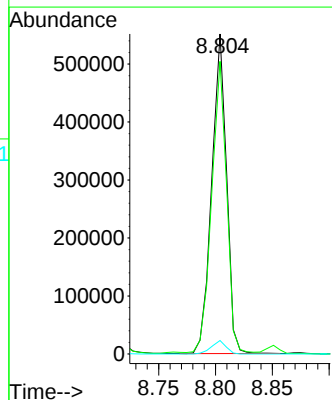
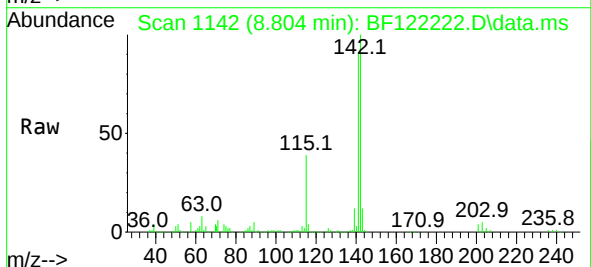
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

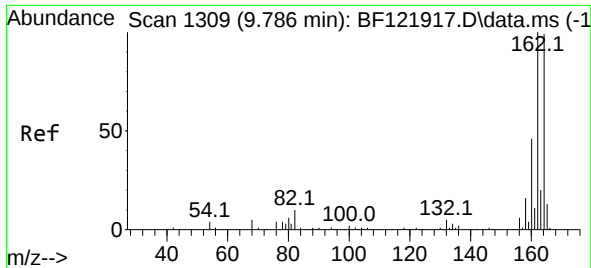
Tgt Ion:142 Resp: 534708
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4
115 39.4 28.6 43.0



#38
1-Methylnaphthalene
Concen: 47.30 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:142 Resp: 499067
Ion Ratio Lower Upper
142 100
141 91.5 74.5 111.7
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

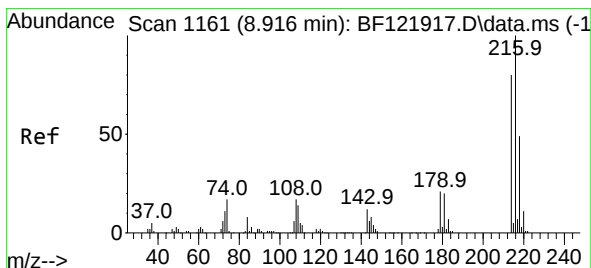
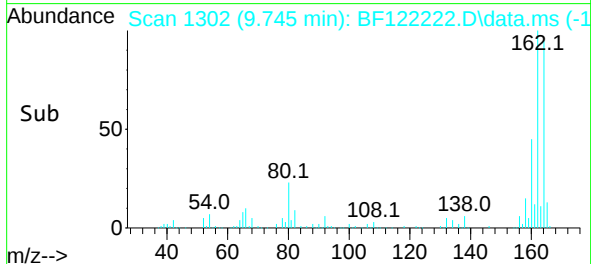
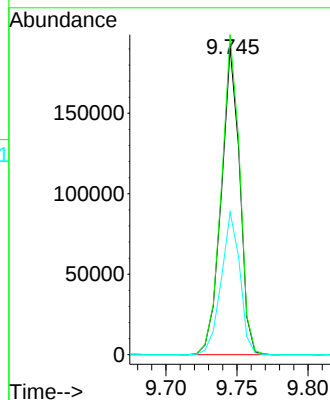
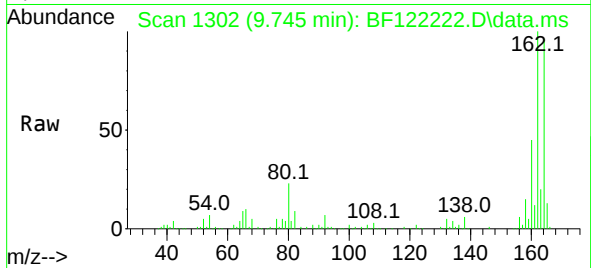
Tgt Ion:164 Resp: 171417

Ion Ratio Lower Upper

164 100

162 104.3 83.2 124.8

160 46.4 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.62 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion:216 Resp: 257926

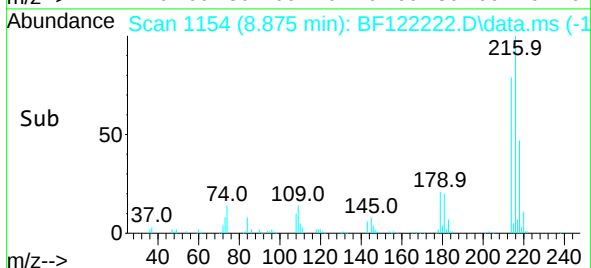
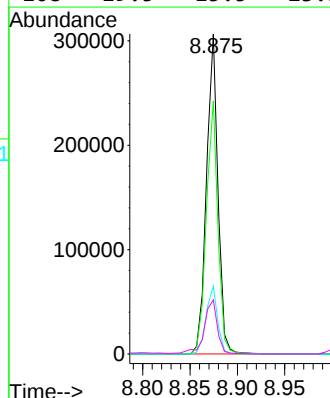
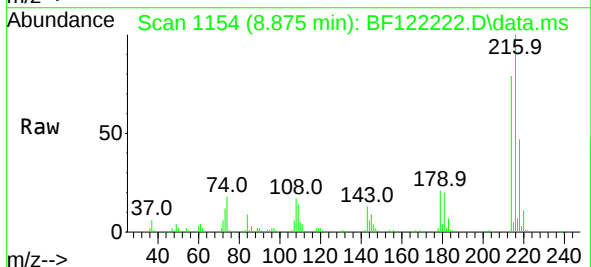
Ion Ratio Lower Upper

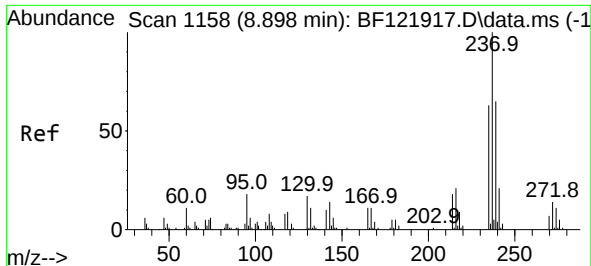
216 100

214 79.6 63.4 95.2

179 21.3 17.0 25.6

108 19.5 15.5 23.3

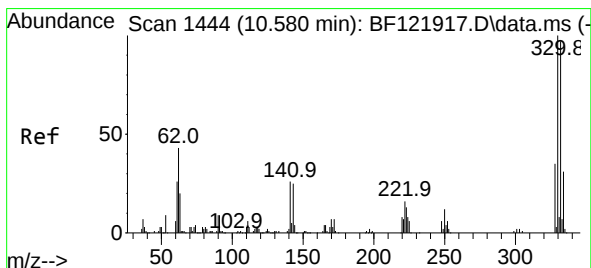
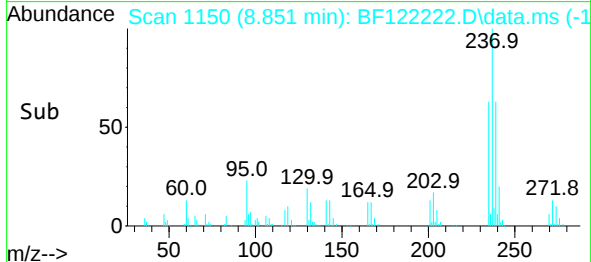
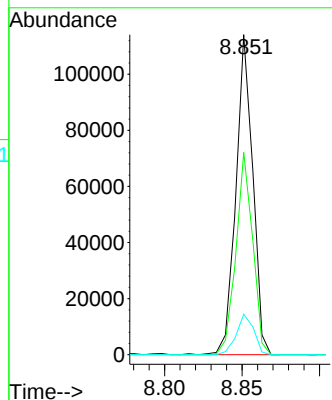
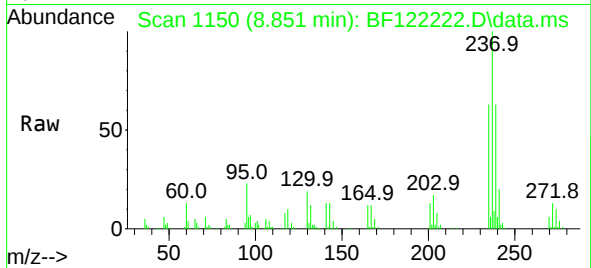




#41
Hexachlorocyclopentadiene
Concen: 58.89 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

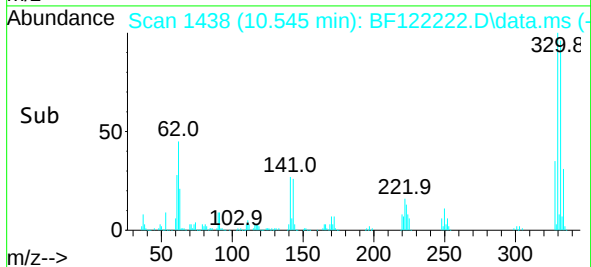
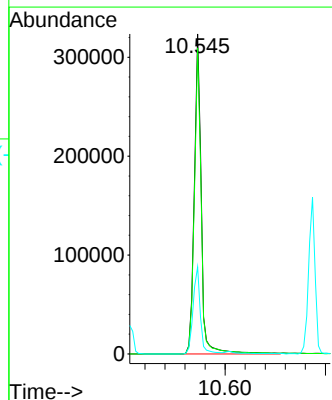
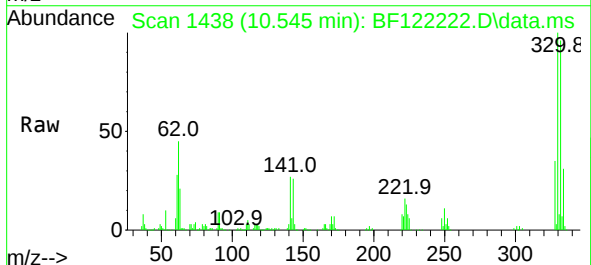
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

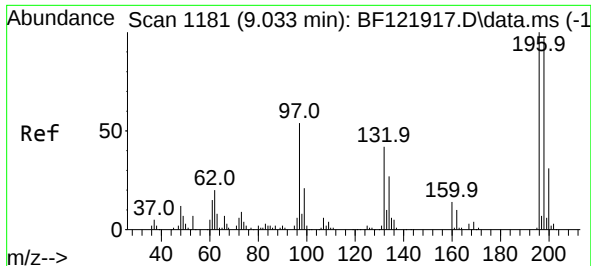
Tgt Ion:237 Resp: 86178
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 12.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 146.85 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

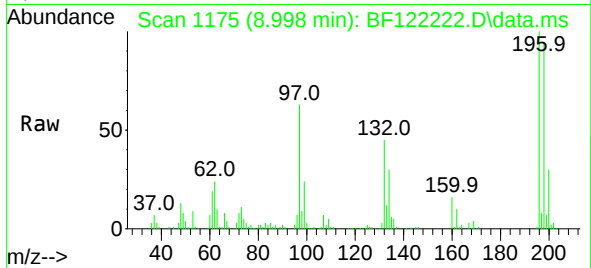
Tgt Ion:330 Resp: 311386
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 28.3 22.3 33.5



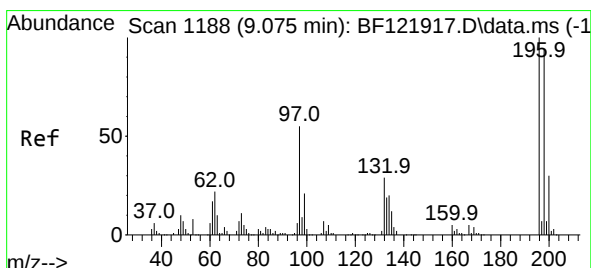
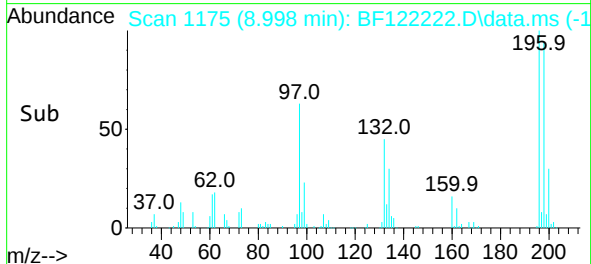
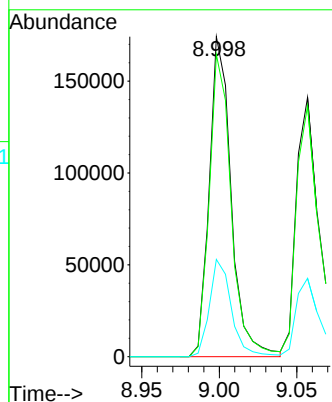


#43
2,4,6-Trichlorophenol
Concen: 50.18 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

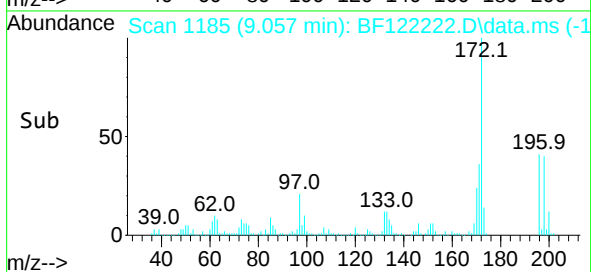
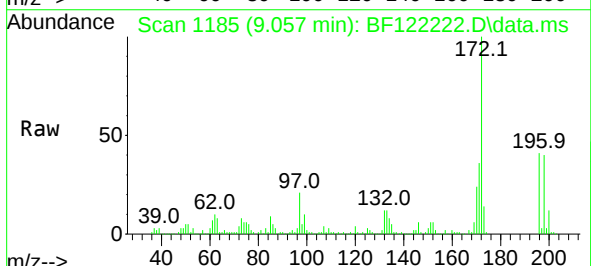
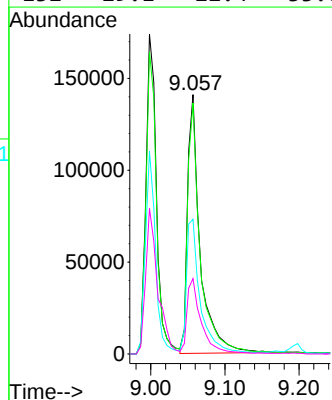


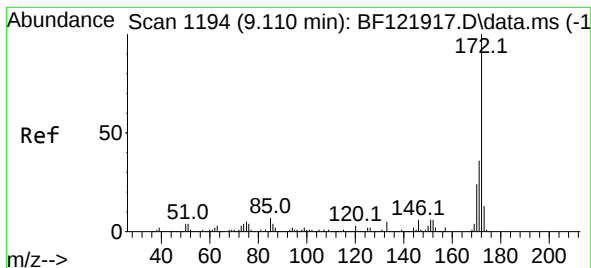
Tgt Ion:196 Resp: 171300
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 30.4 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 45.57 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:196 Resp: 168013
Ion Ratio Lower Upper
196 100
198 96.8 76.1 114.1
97 52.0 41.0 61.6
132 29.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 88.00 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

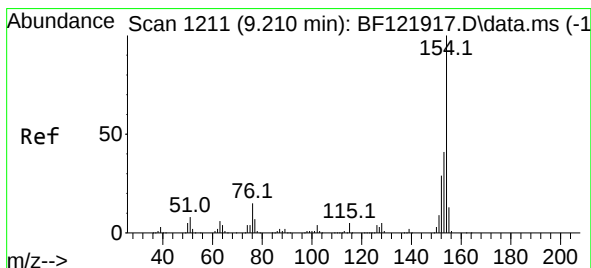
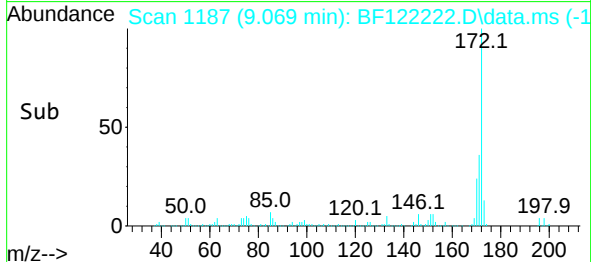
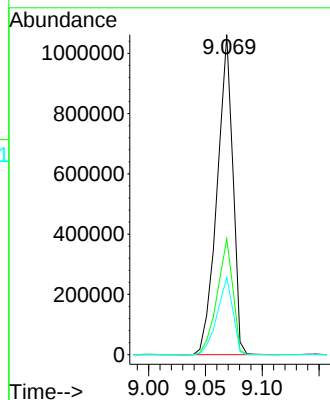
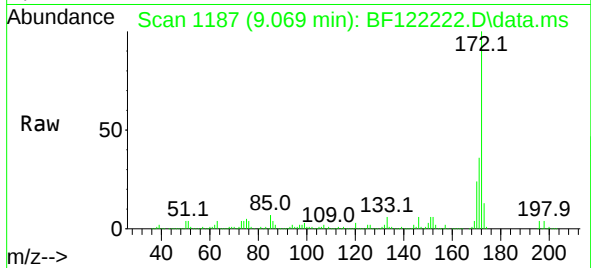
Tgt Ion:172 Resp: 1025258

Ion Ratio Lower Upper

172 100

171 36.2 29.1 43.7

170 24.1 19.8 29.6



#46

1,1'-Biphenyl

Concen: 47.17 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

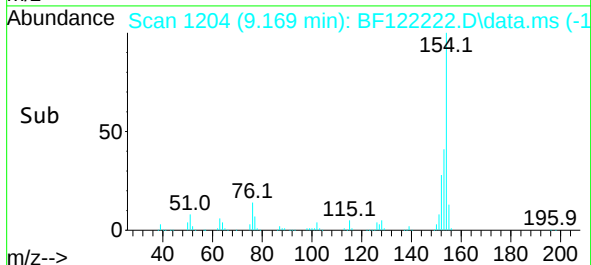
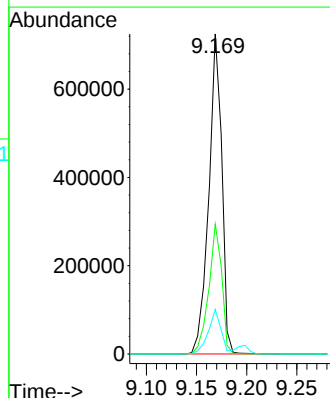
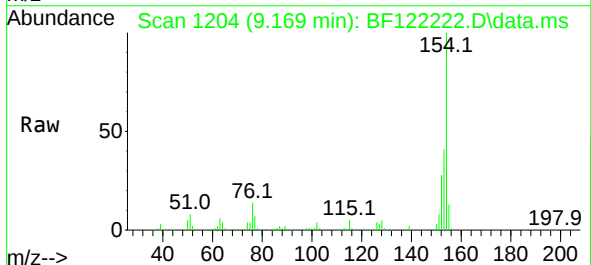
Tgt Ion:154 Resp: 657397

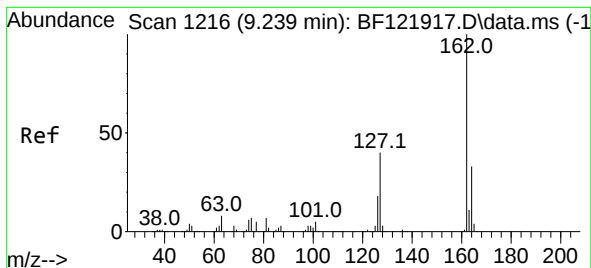
Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

76 13.9 0.0 34.7





#47

2-Chloronaphthalene

Concen: 46.91 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

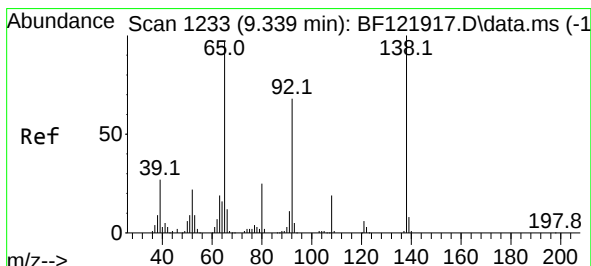
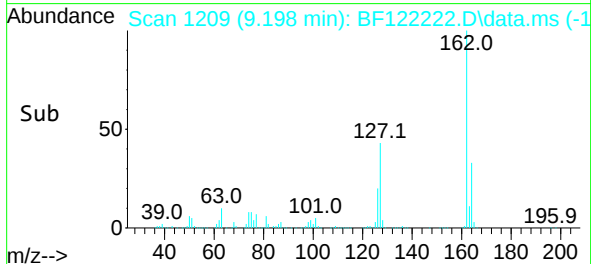
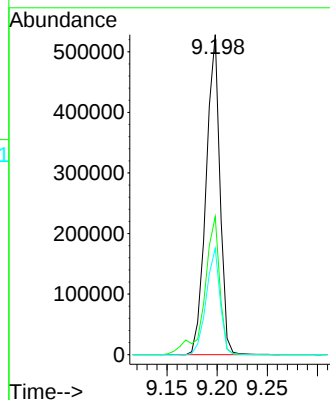
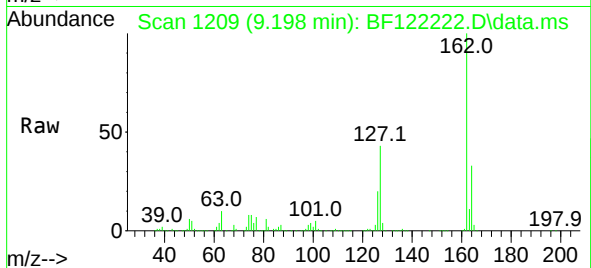
Tgt Ion:162 Resp: 508466

Ion Ratio Lower Upper

162 100

127 43.2 34.4 51.6

164 33.2 26.3 39.5



#48

2-Nitroaniline

Concen: 52.58 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

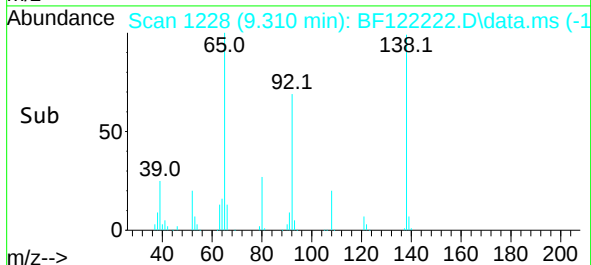
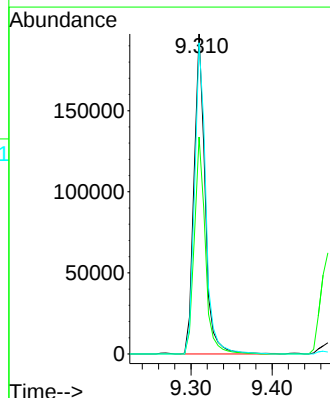
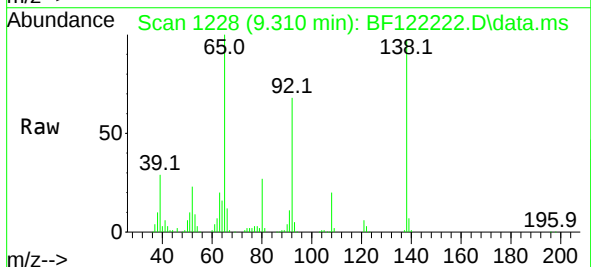
Tgt Ion: 65 Resp: 187985

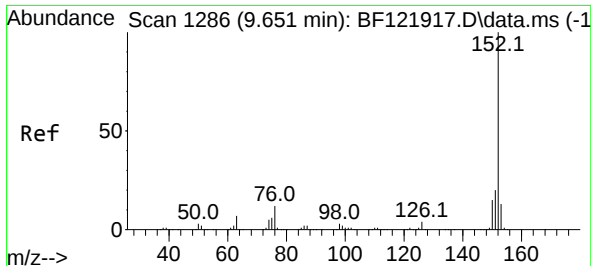
Ion Ratio Lower Upper

65 100

92 67.8 55.1 82.7

138 97.3 80.5 120.7





#49

Acenaphthylene

Concen: 46.96 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

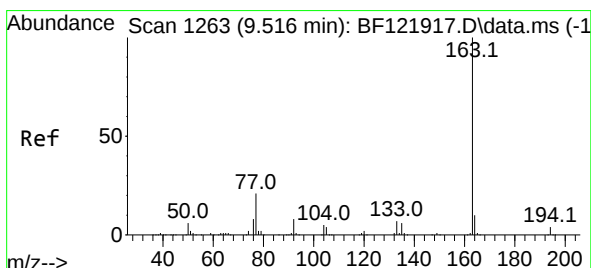
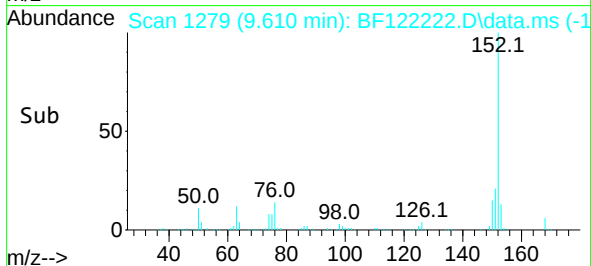
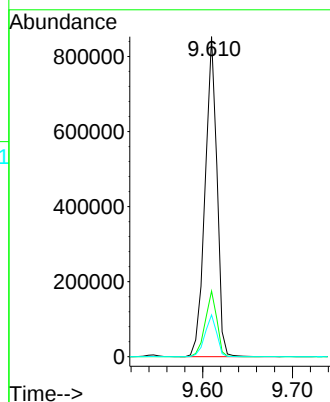
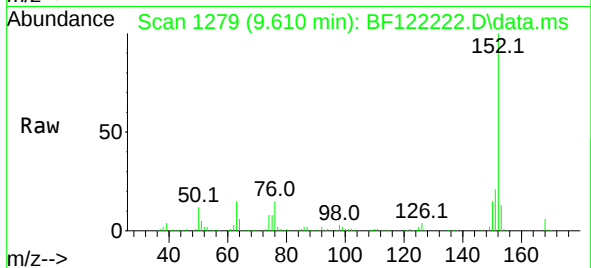
Tgt Ion:152 Resp: 781834

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 53.22 ng

RT: 9.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

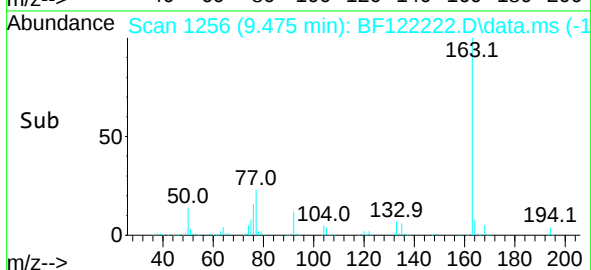
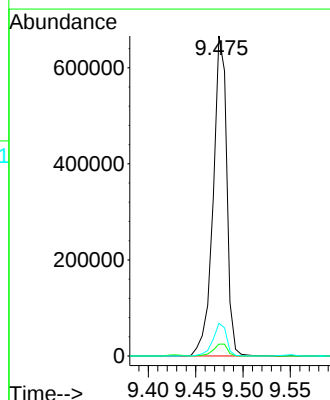
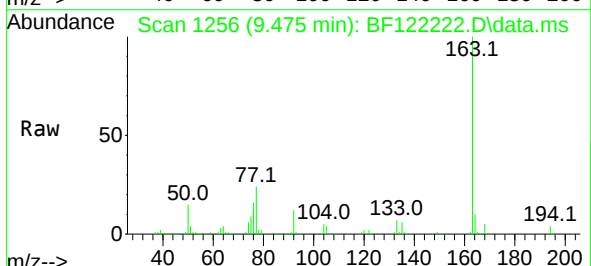
Tgt Ion:163 Resp: 667127

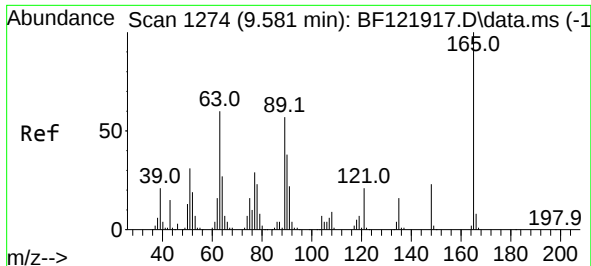
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 10.2 8.2 12.4

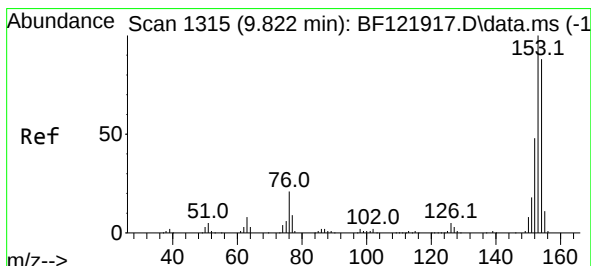
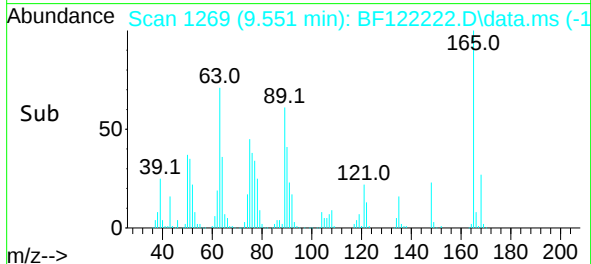
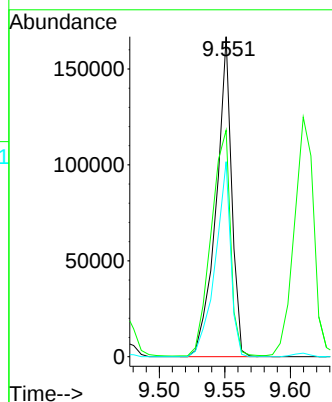
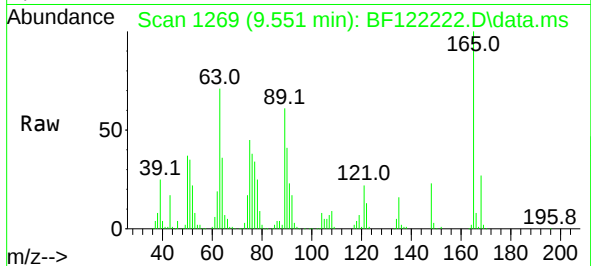




#51
2,6-Dinitrotoluene
Concen: 50.05 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

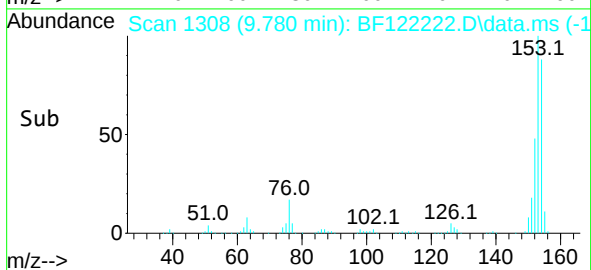
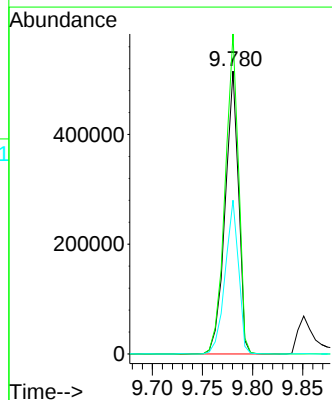
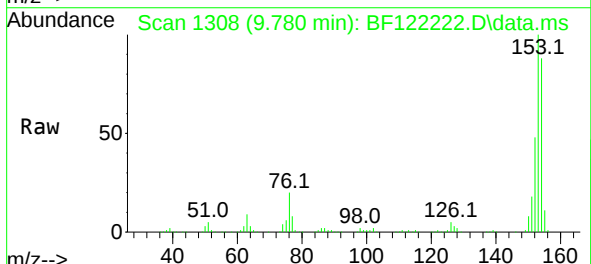
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

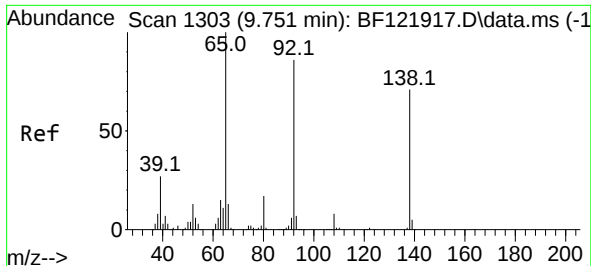
Tgt Ion:165 Resp: 137614
Ion Ratio Lower Upper
165 100
63 70.8 51.8 77.6
89 61.0 49.0 73.6



#52
Acenaphthene
Concen: 48.30 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:154 Resp: 478300
Ion Ratio Lower Upper
154 100
153 113.1 89.8 134.8
152 54.3 43.2 64.8

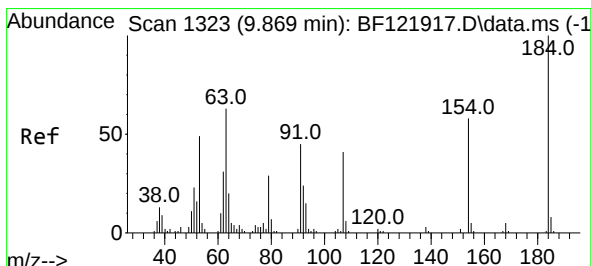
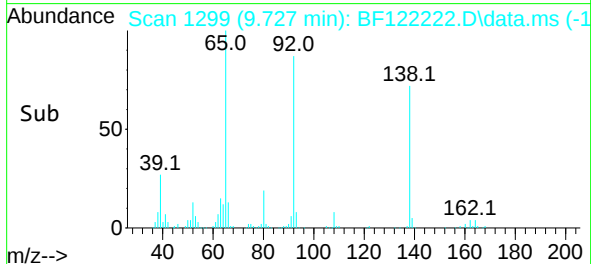
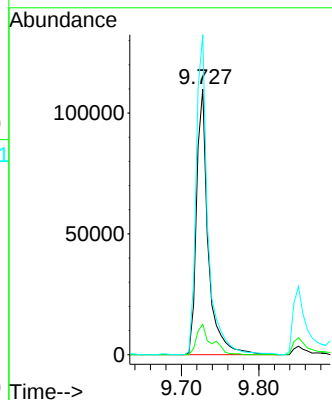
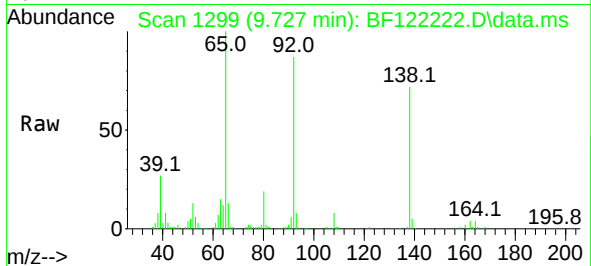




#53
3-Nitroaniline
Concen: 36.82 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

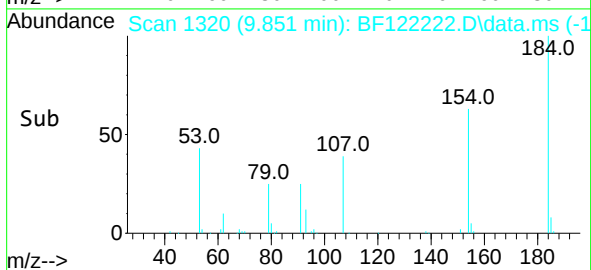
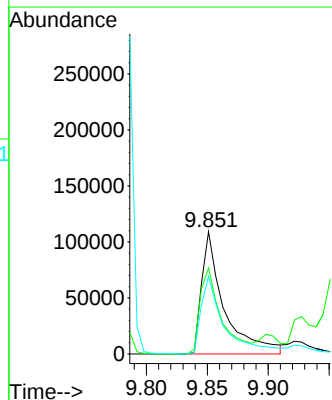
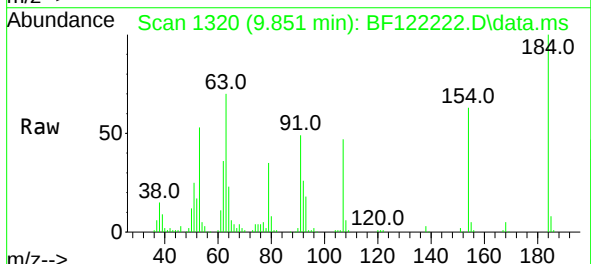
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

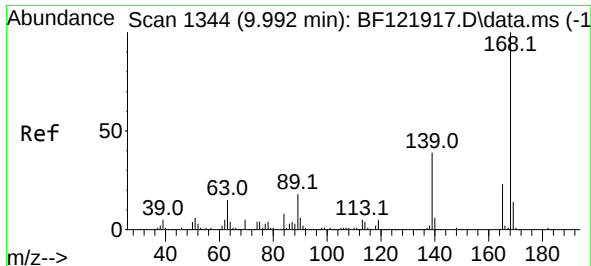
Tgt Ion:138 Resp: 115141
Ion Ratio Lower Upper
138 100
108 11.5 8.6 13.0
92 120.5 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 97.86 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:184 Resp: 140364
Ion Ratio Lower Upper
184 100
63 70.4 45.9 68.9#
154 63.3 45.8 68.6





#55

Dibenzenofuran

Concen: 49.11 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion:168 Resp: 711217

Ion Ratio Lower Upper

168 100

139 42.3 31.0 46.6

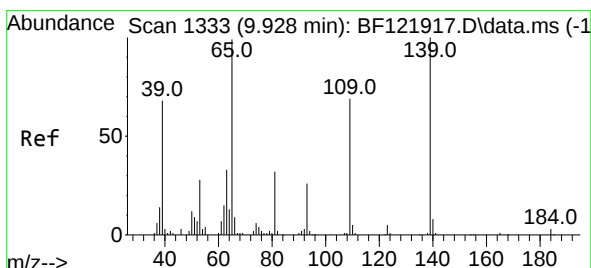
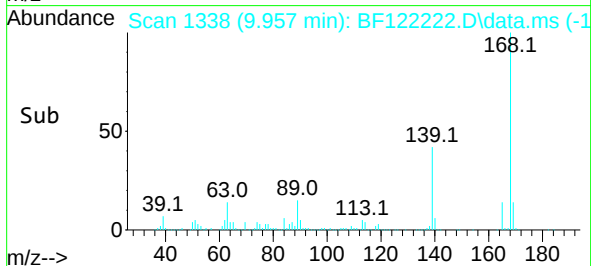
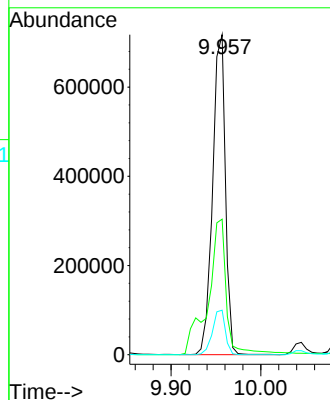
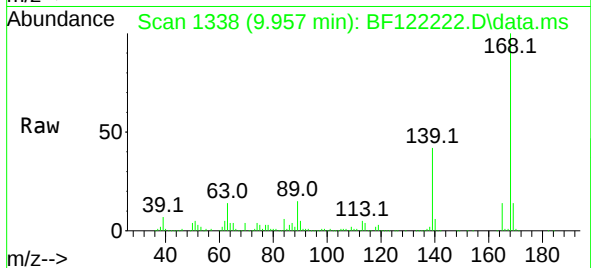
169 13.9 11.3 16.9

Instrument :

BNA_F

ClientSampleId :

HR-01-102820MS



#56

4-Nitrophenol

Concen: 264.68 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.047 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

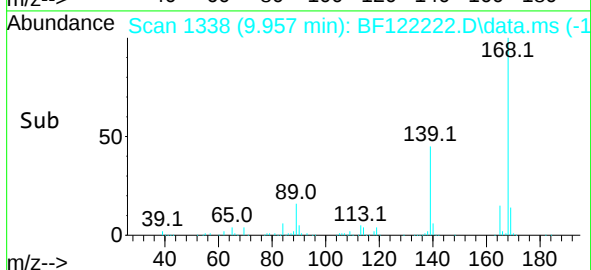
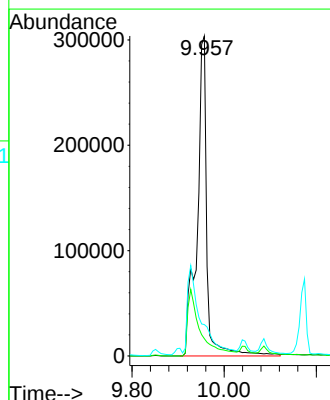
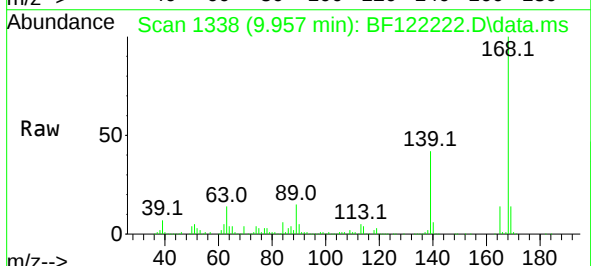
Tgt Ion:139 Resp: 450237

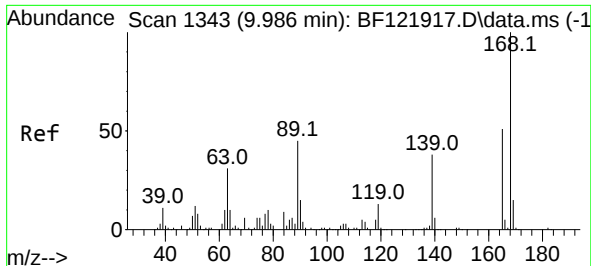
Ion Ratio Lower Upper

139 100

109 5.4 45.4 85.4#

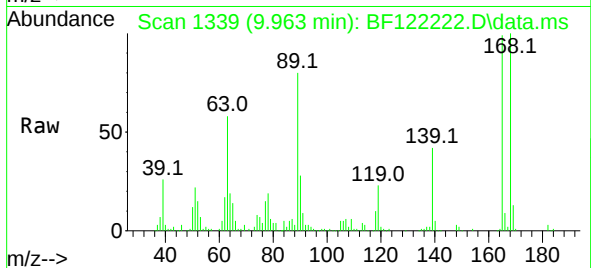
65 9.8 68.4 108.4#



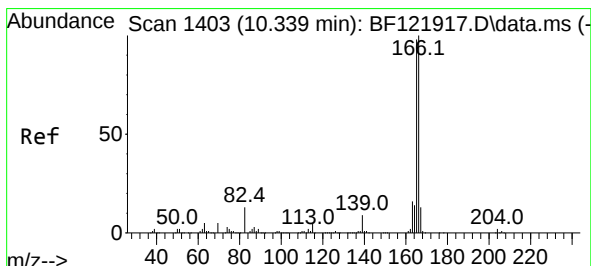
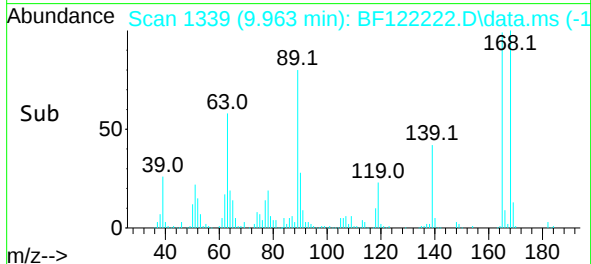
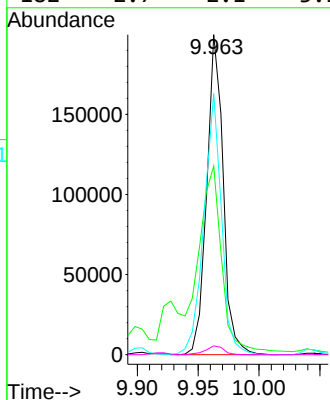


#57
2,4-Dinitrotoluene
Concen: 55.49 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

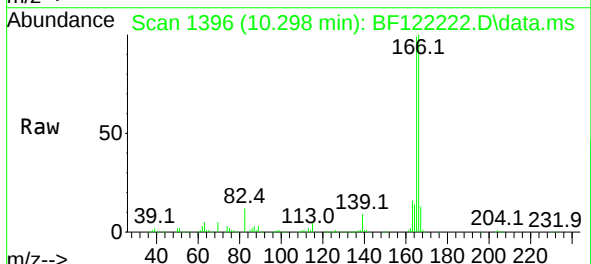
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS



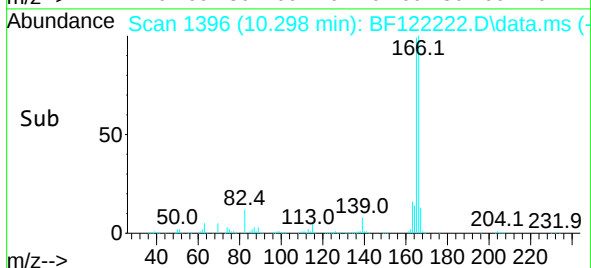
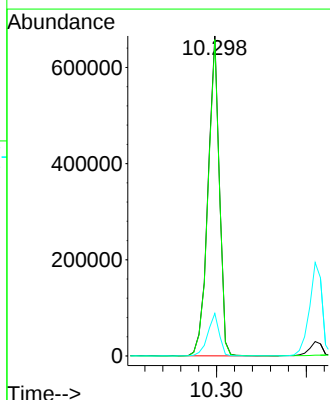
Tgt Ion:165 Resp: 187834
Ion Ratio Lower Upper
165 100
63 58.9 41.3 61.9
89 81.6 61.8 92.8
182 2.7 2.1 3.1

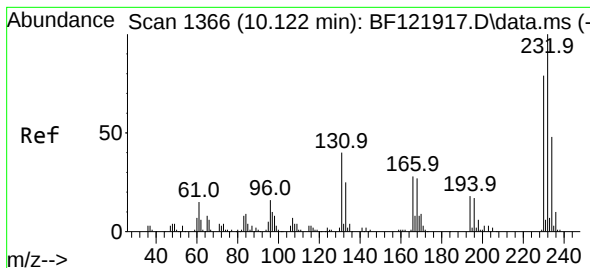


#58
Fluorene
Concen: 50.09 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09



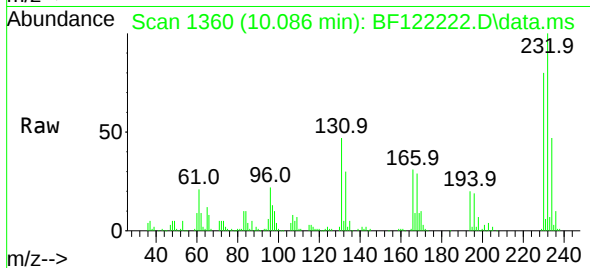
Tgt Ion:166 Resp: 584402
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.3 11.0 16.6



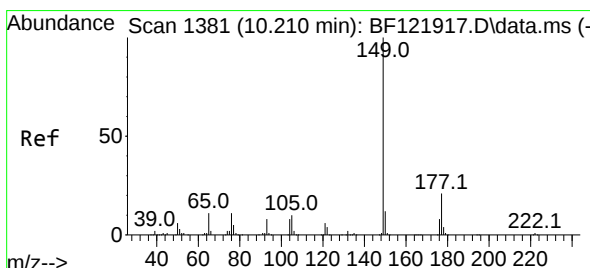
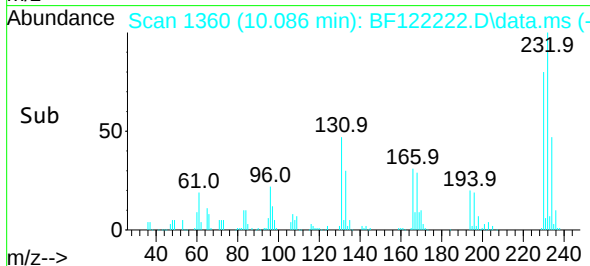
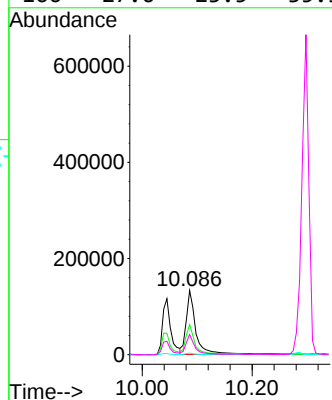


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.82 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

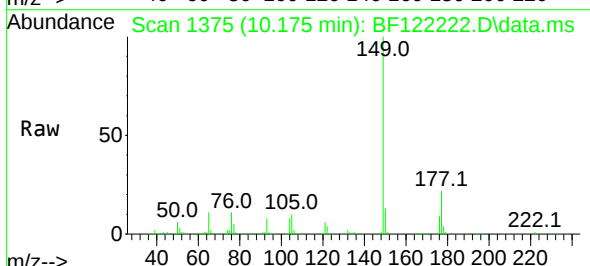
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS



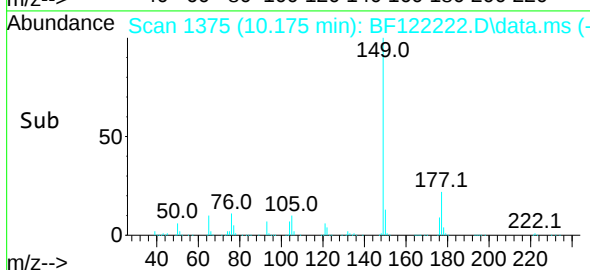
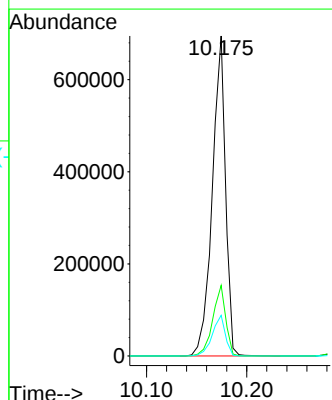
Tgt Ion:232 Resp: 162064
Ion Ratio Lower Upper
232 100
131 41.3 35.9 53.9
130 2.3 1.8 2.6
166 27.6 23.5 35.3

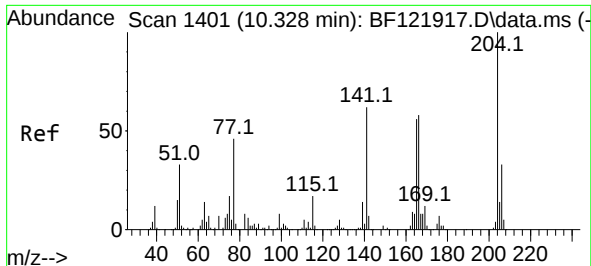


#60
Diethylphthalate
Concen: 52.82 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09



Tgt Ion:149 Resp: 638453
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.7 10.3 15.5

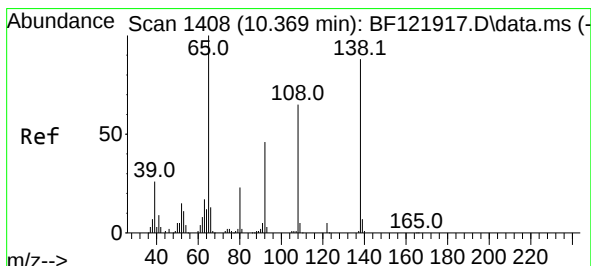
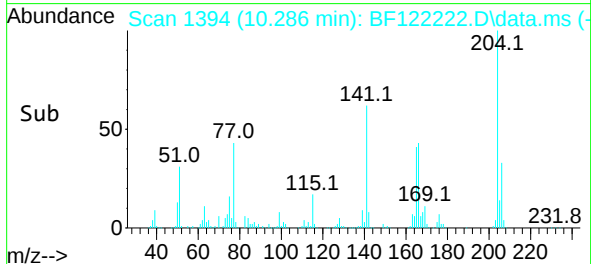
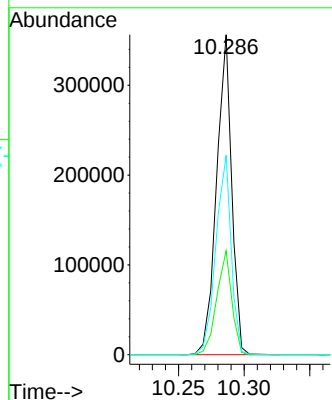
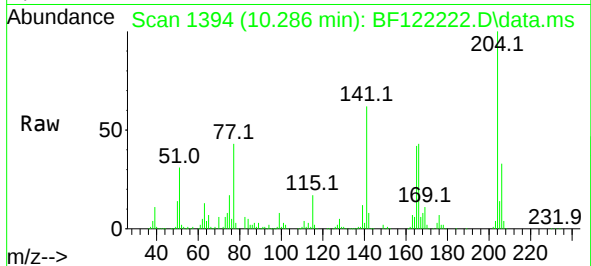




#61
4-Chlorophenyl-phenylether
Concen: 51.09 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

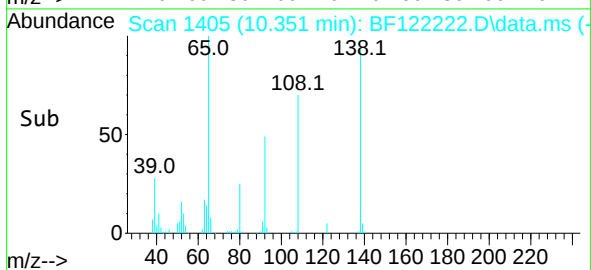
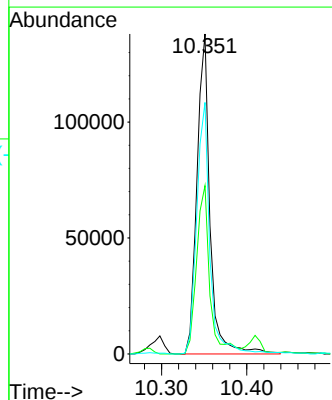
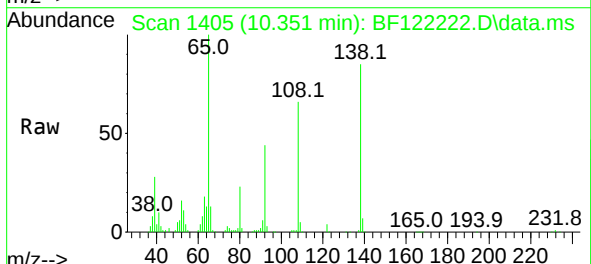
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

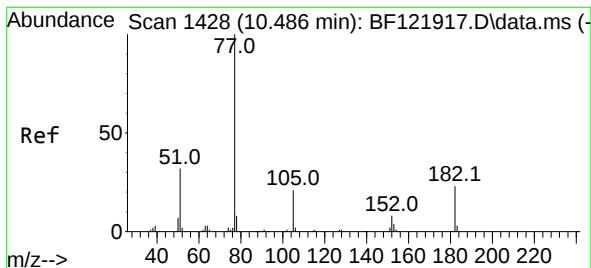
Tgt Ion:204 Resp: 285866
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 62.3 46.2 69.4



#62
4-Nitroaniline
Concen: 46.95 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:138 Resp: 146690
Ion Ratio Lower Upper
138 100
92 52.6 31.0 71.0
108 78.6 51.5 91.5





#63

Azobenzene

Concen: 51.42 ng

RT: 10.445 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion: 77 Resp: 657298

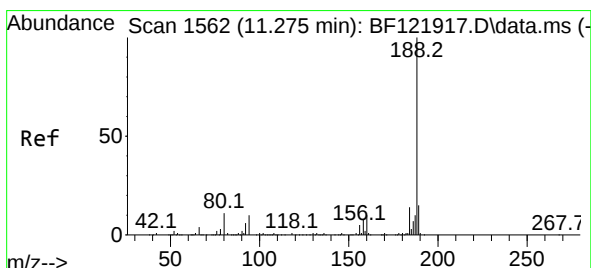
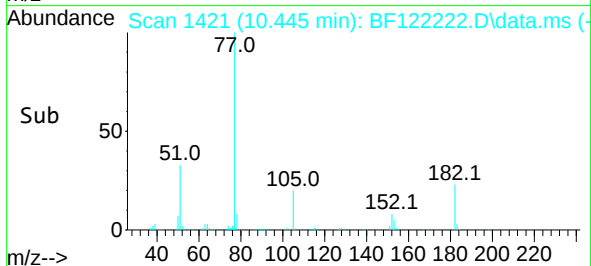
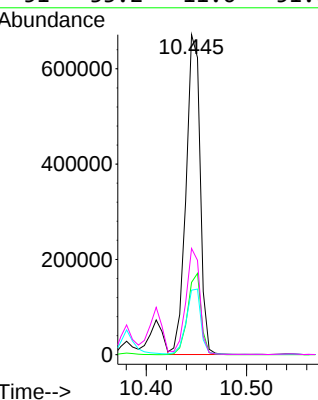
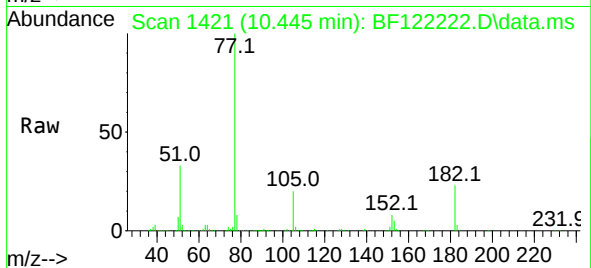
Ion Ratio Lower Upper

77 100

182 22.6 3.4 43.4

105 20.2 1.7 41.7

51 33.2 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

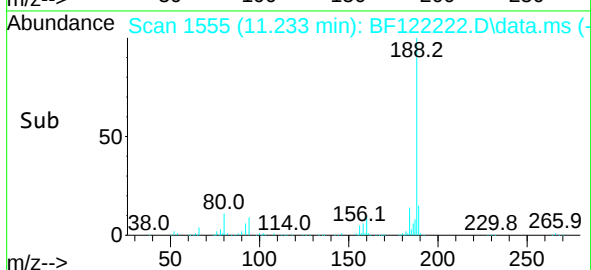
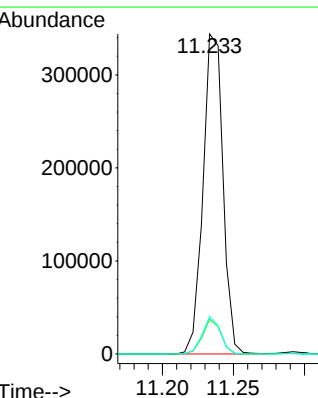
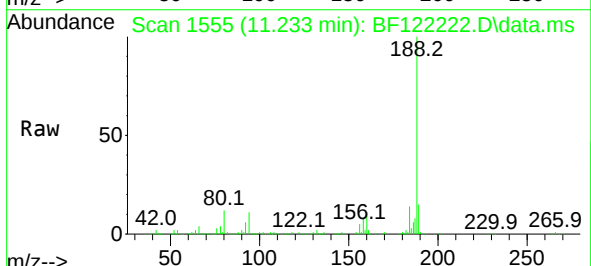
Tgt Ion: 188 Resp: 335250

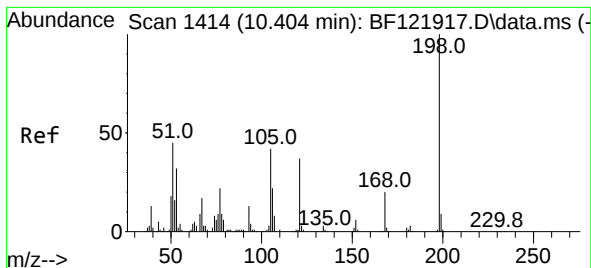
Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

80 11.7 9.1 13.7

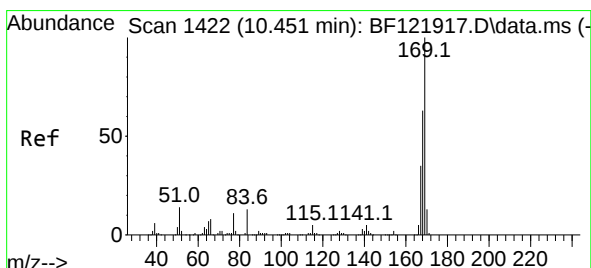
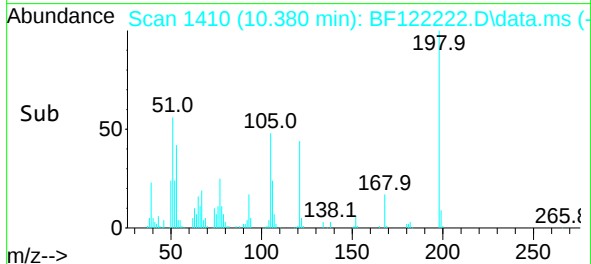
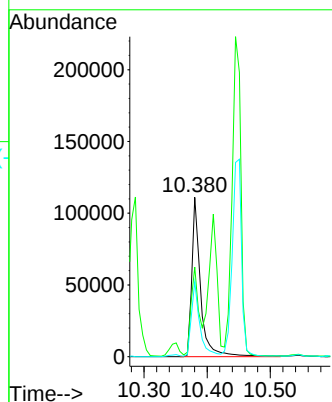
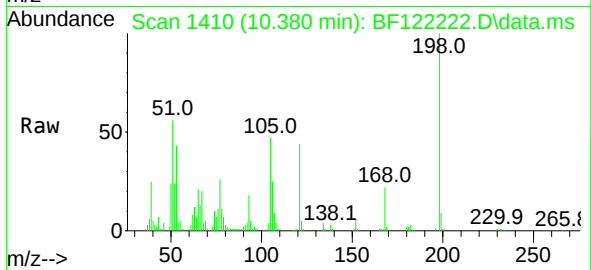




#65
4,6-Dinitro-2-methylphenol
Concen: 47.94 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

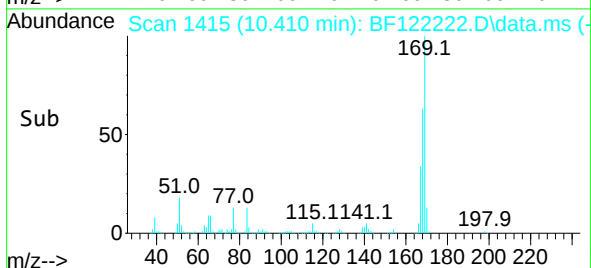
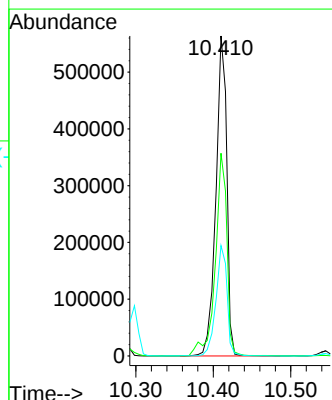
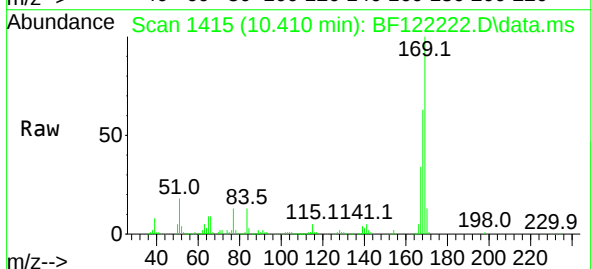
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

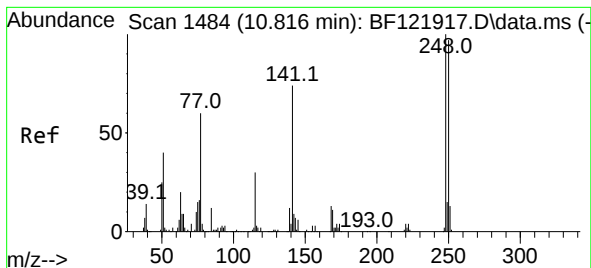
Tgt Ion:198 Resp: 107687
Ion Ratio Lower Upper
198 100
51 56.3 29.6 69.6
105 47.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.54 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:169 Resp: 549012
Ion Ratio Lower Upper
169 100
168 63.4 50.0 75.0
167 34.5 27.8 41.6

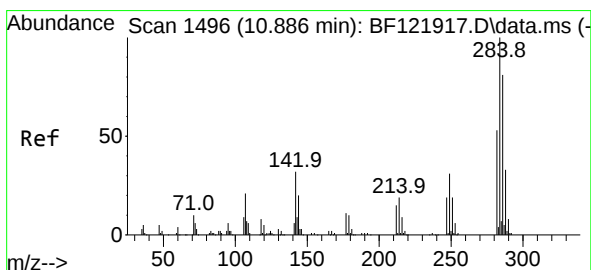
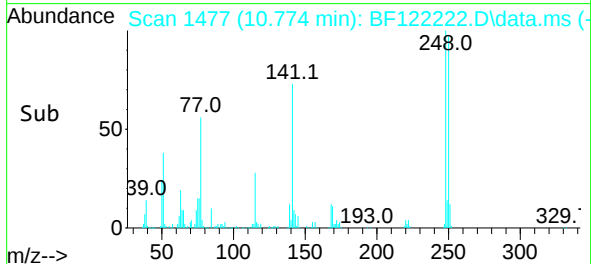
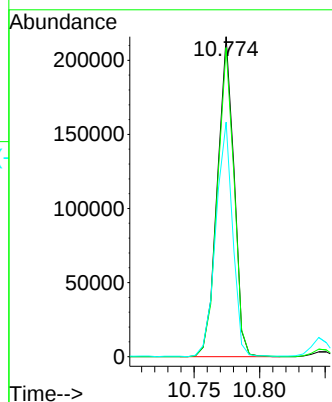
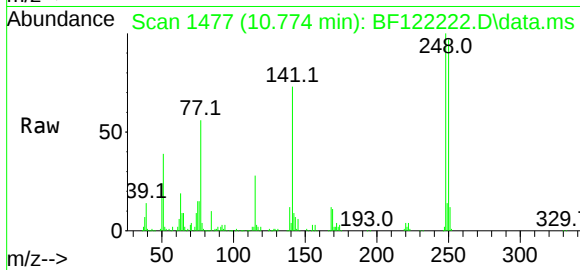




#67
4-Bromophenyl-phenylether
Concen: 49.11 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

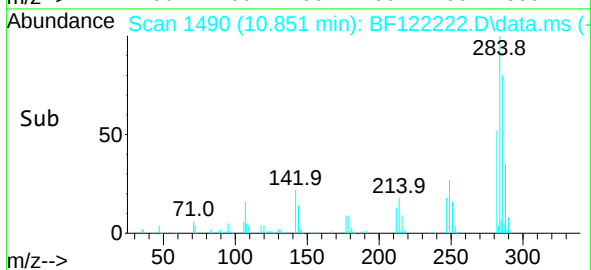
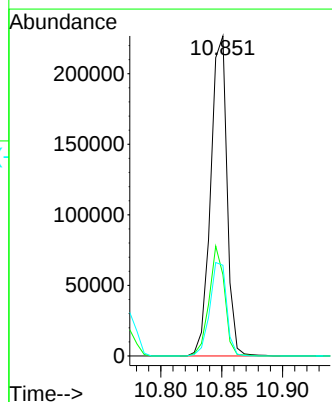
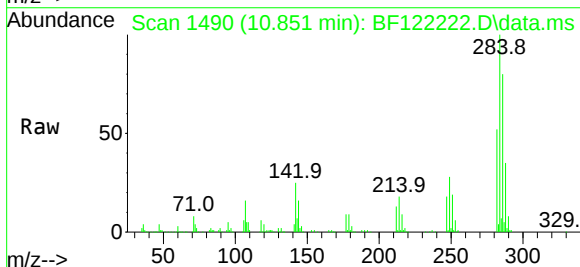
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

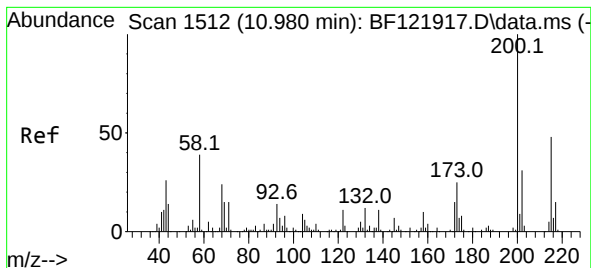
Tgt Ion:248 Resp: 190194
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.6
141 73.3 53.7 80.5



#68
Hexachlorobenzene
Concen: 48.33 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:284 Resp: 211863
Ion Ratio Lower Upper
284 100
142 25.4 27.4 41.2#
249 28.4 24.2 36.4





#69

Atrazine

Concen: 50.77 ng

RT: 10.945 min Scan# 1506

Delta R.T. 0.006 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion:200 Resp: 143352

Ion Ratio Lower Upper

200 100

173 26.1 7.5 47.5

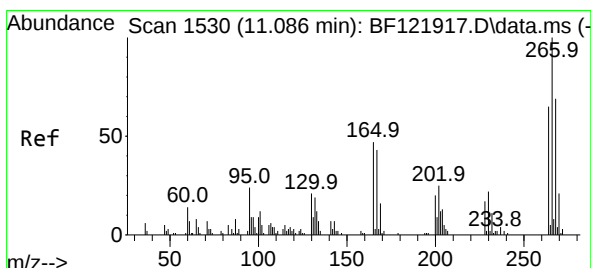
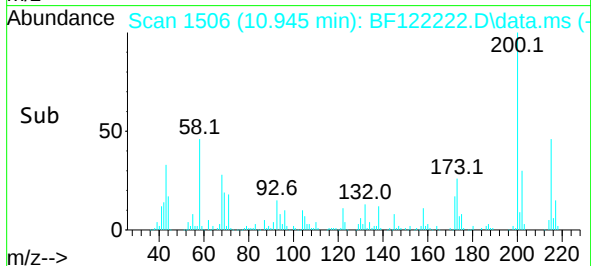
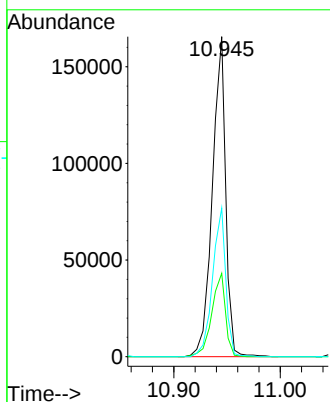
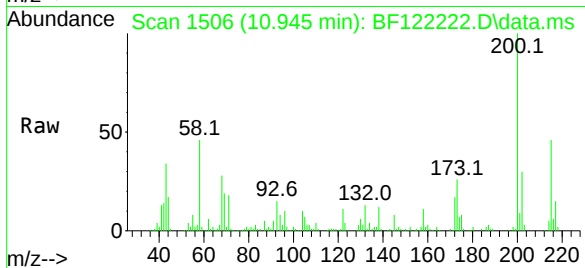
215 46.5 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

HR-01-102820MS



#70

Pentachlorophenol

Concen: 94.12 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

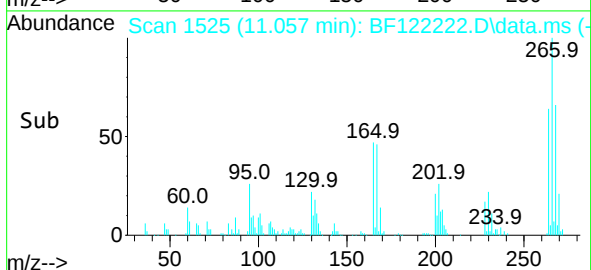
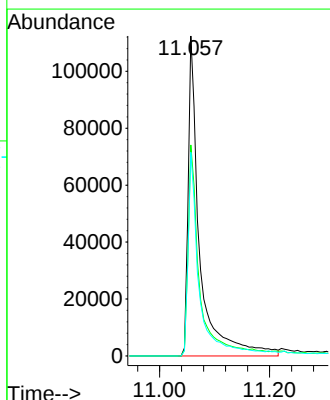
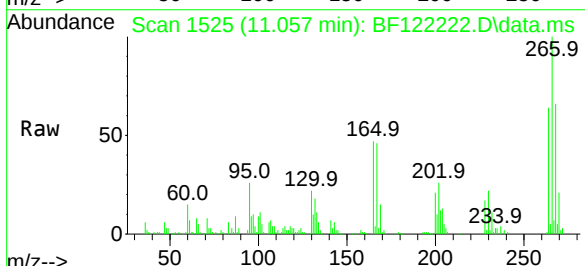
Tgt Ion:266 Resp: 164923

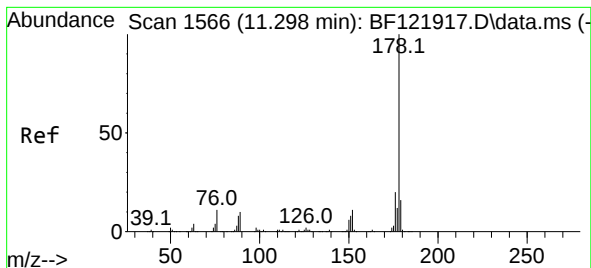
Ion Ratio Lower Upper

266 100

268 65.9 52.4 78.6

264 63.7 49.9 74.9





#71

Phenanthrene

Concen: 47.97 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

Tgt Ion:178 Resp: 881706

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

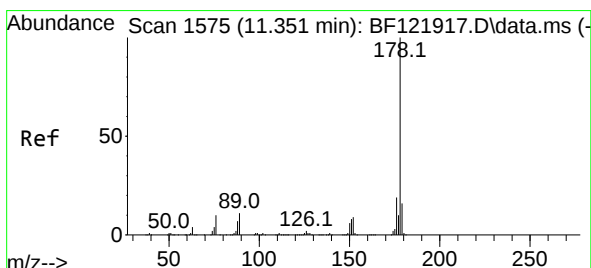
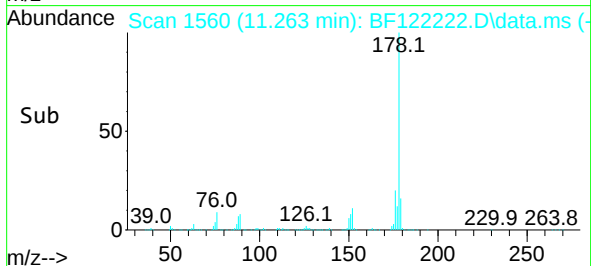
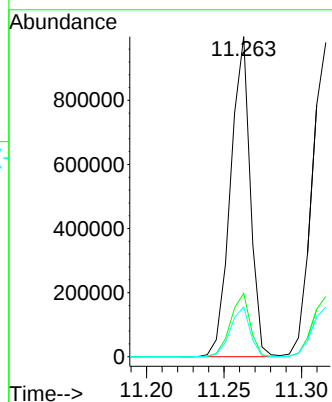
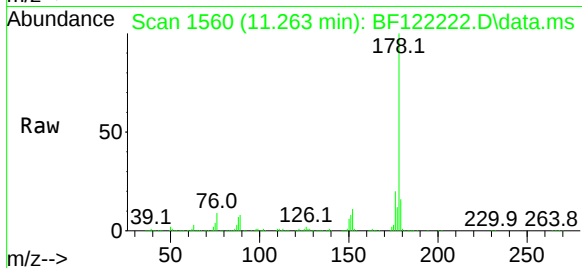
179 15.6 12.2 18.4

Instrument :

BNA_F

ClientSampleId :

HR-01-102820MS



#72

Anthracene

Concen: 48.19 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

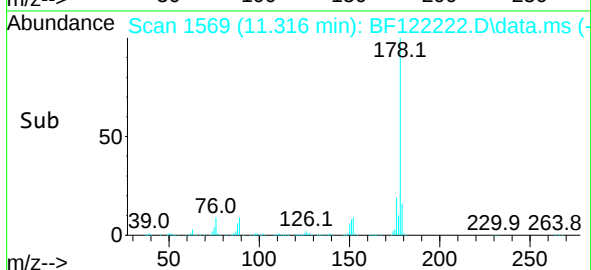
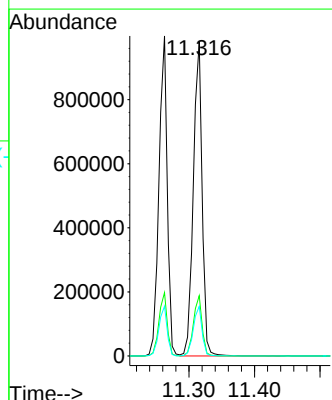
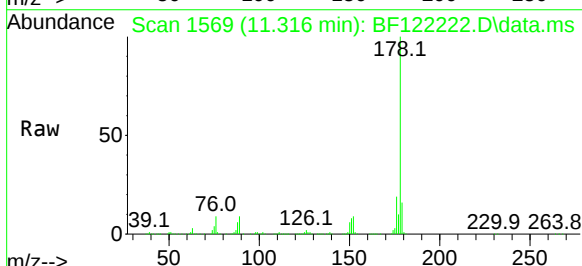
Tgt Ion:178 Resp: 918749

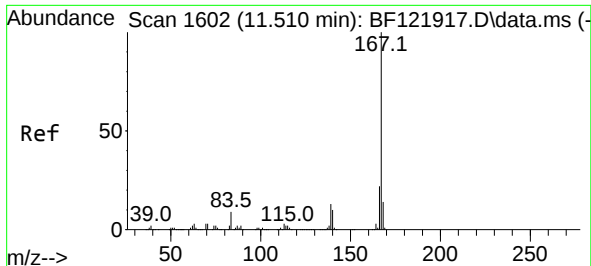
Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.8 12.7 19.1

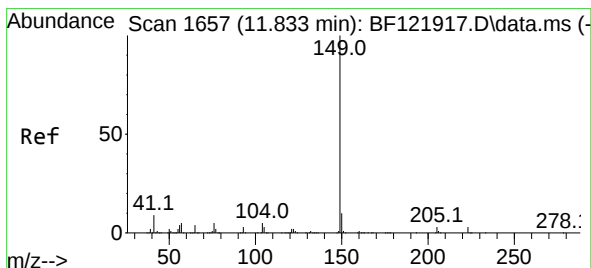
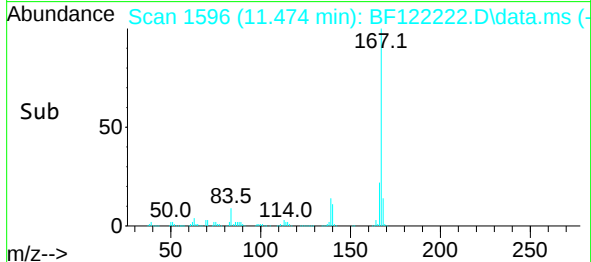
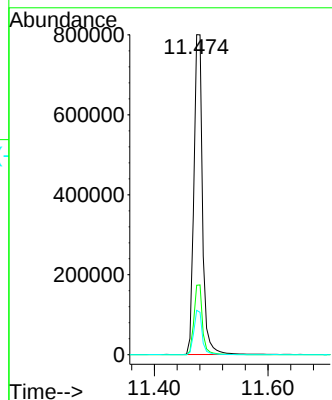
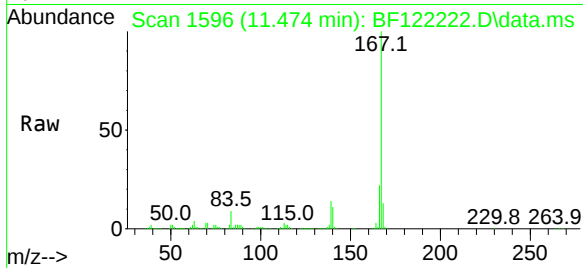




#73
 Carbazole
 Concen: 49.74 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF122222.D
 Acq: 2 Nov 2020 13:09

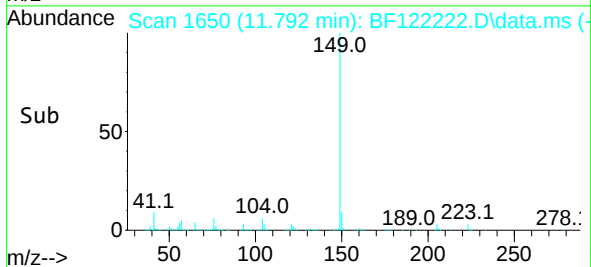
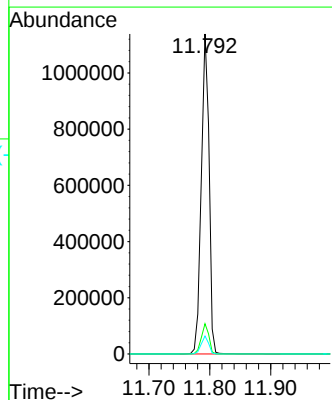
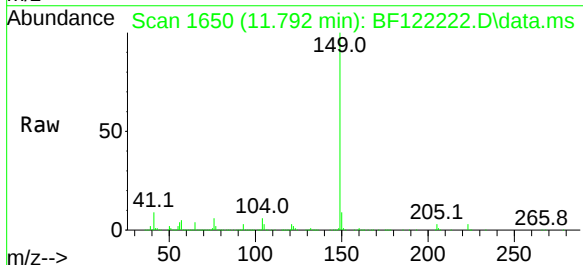
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820MS

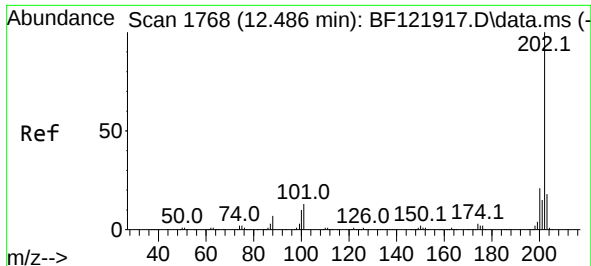
Tgt Ion:167 Resp: 843160
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 51.55 ng
 RT: 11.792 min Scan# 1650
 Delta R.T. -0.000 min
 Lab File: BF122222.D
 Acq: 2 Nov 2020 13:09

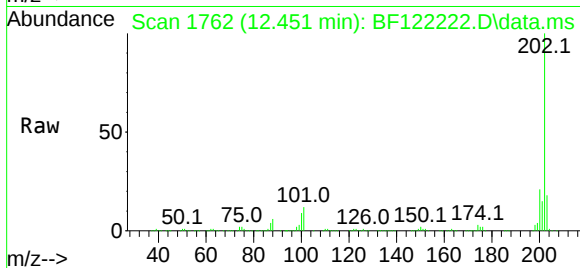
Tgt Ion:149 Resp: 1005374
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.6 4.2 6.2



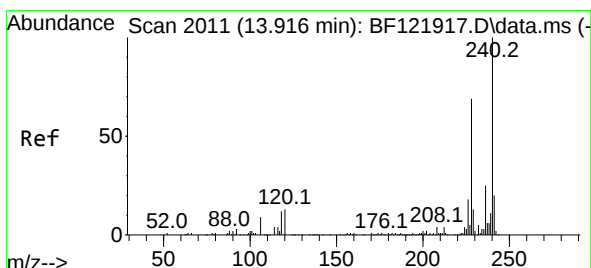
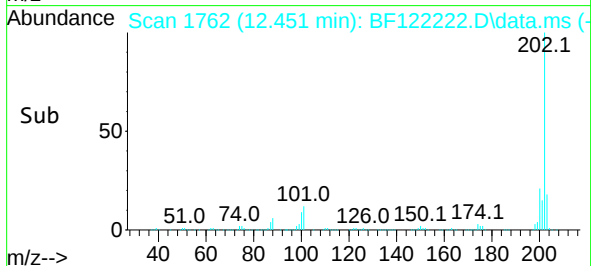
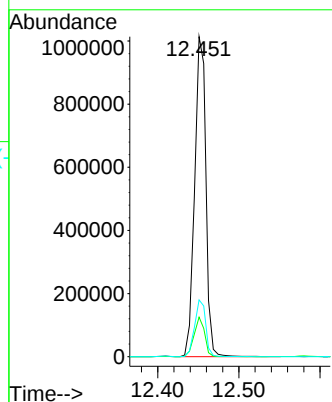


#75
Fluoranthene
Concen: 49.69 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

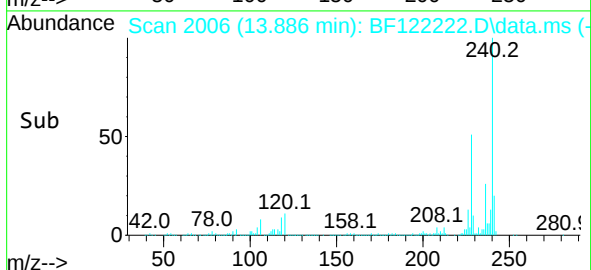
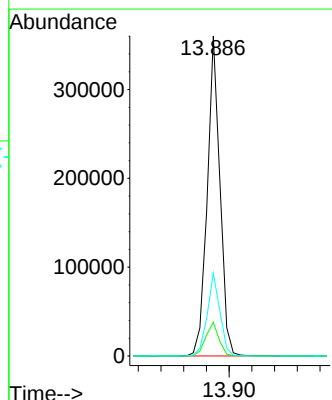
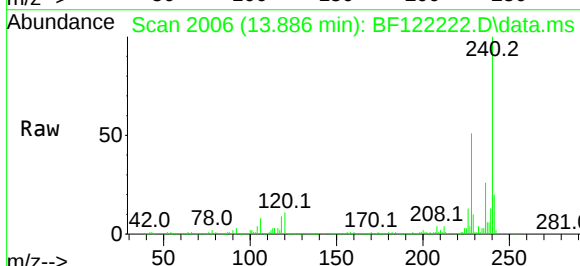


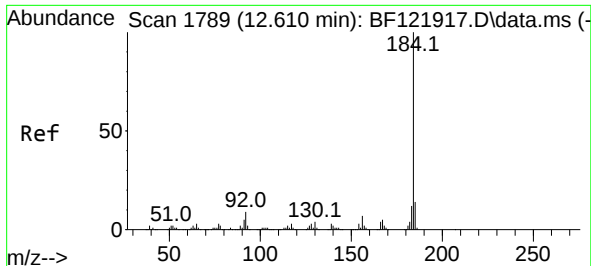
Tgt Ion:202 Resp: 979288
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:240 Resp: 278173
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.9 20.9 31.3

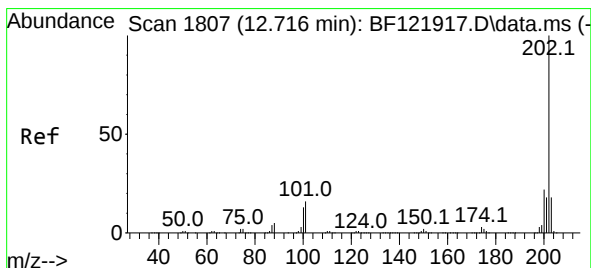
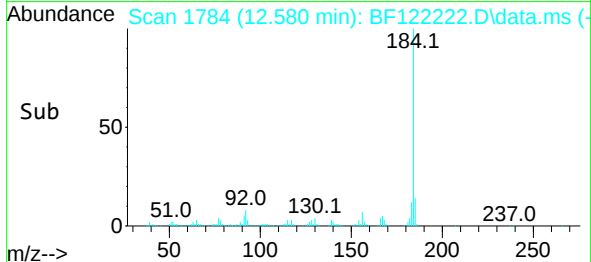
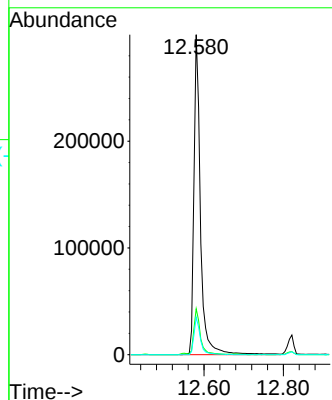
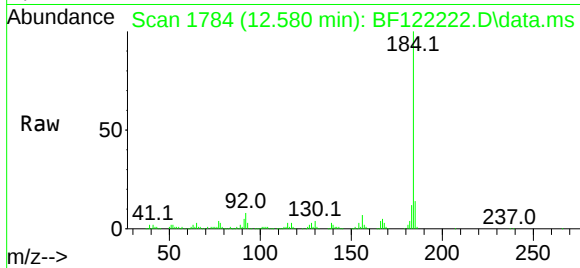




#77
Benzidine
Concen: 40.16 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

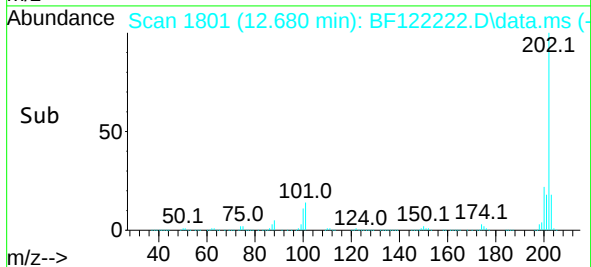
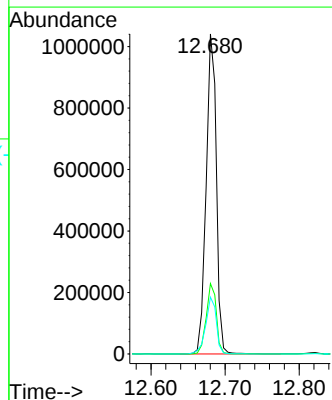
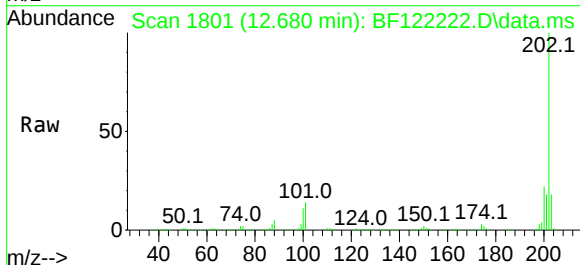
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

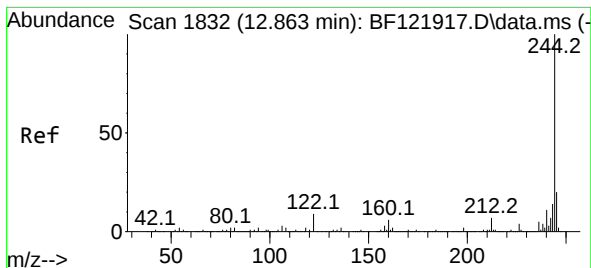
Tgt Ion:184 Resp: 344448
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 47.09 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

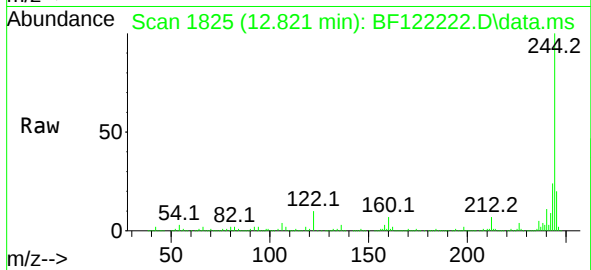
Tgt Ion:202 Resp: 998326
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.8 14.6 21.8



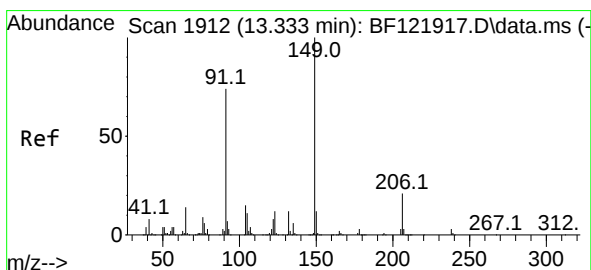
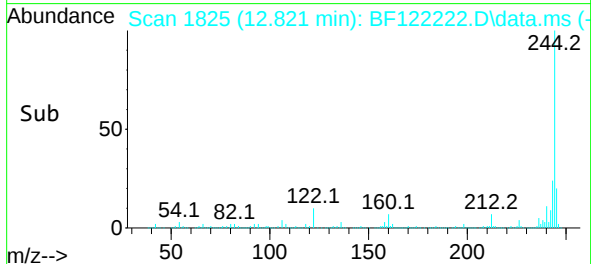
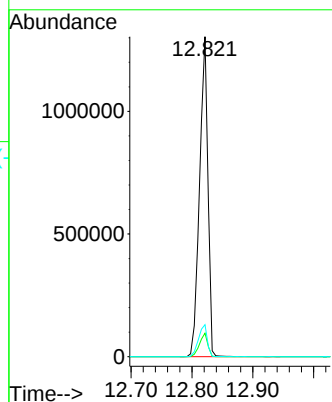


#79
 Terphenyl-d14
 Concen: 85.43 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122222.D
 Acq: 2 Nov 2020 13:09

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820MS

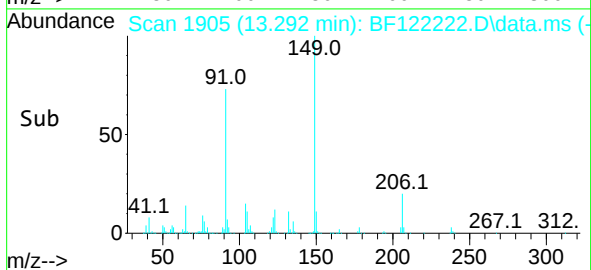
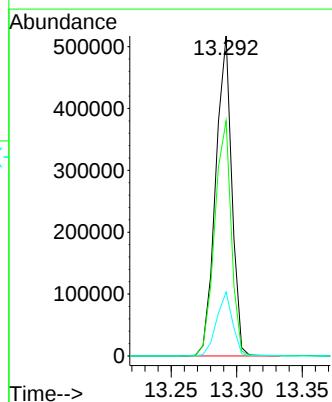
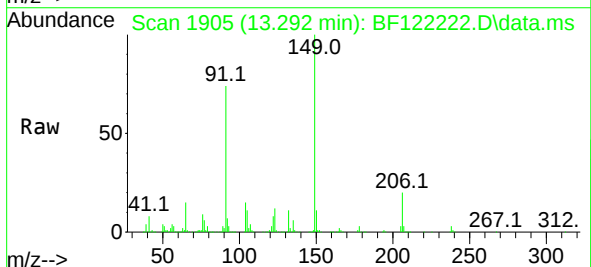


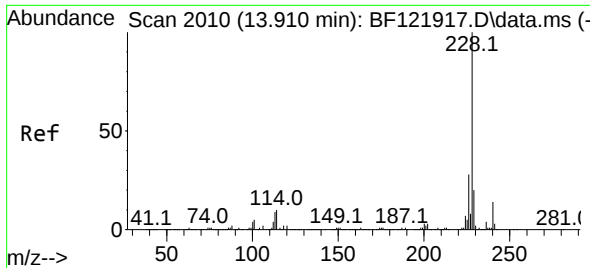
Tgt Ion:244 Resp: 1246995
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.0 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 52.54 ng
 RT: 13.292 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: BF122222.D
 Acq: 2 Nov 2020 13:09

Tgt Ion:149 Resp: 441666
 Ion Ratio Lower Upper
 149 100
 91 73.5 61.0 91.4
 206 19.9 16.7 25.1

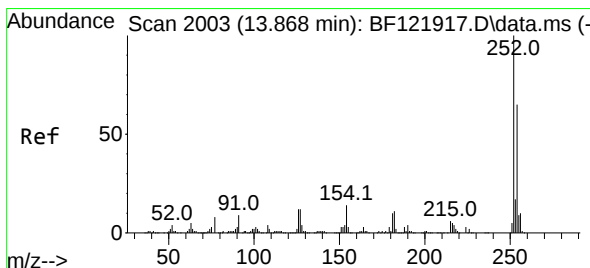
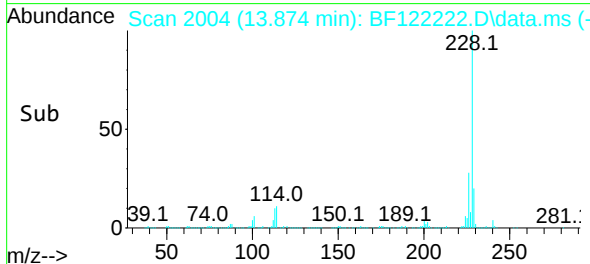
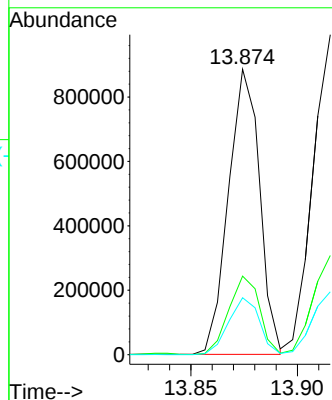
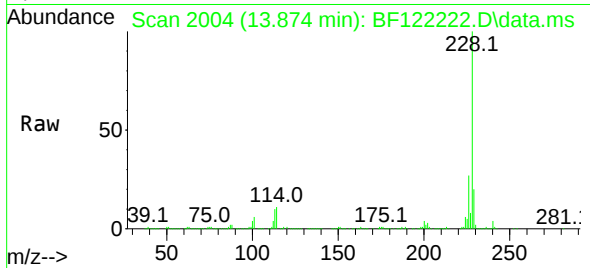




#81
Benzo(a)anthracene
Concen: 49.37 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

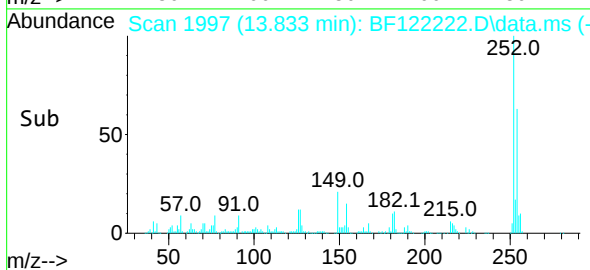
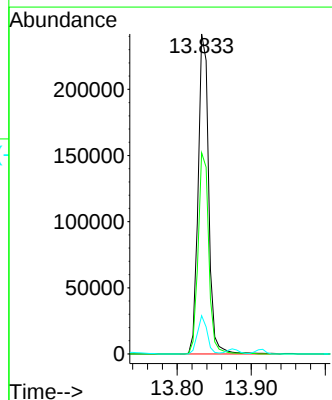
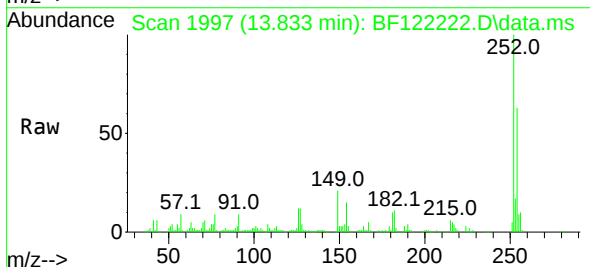
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

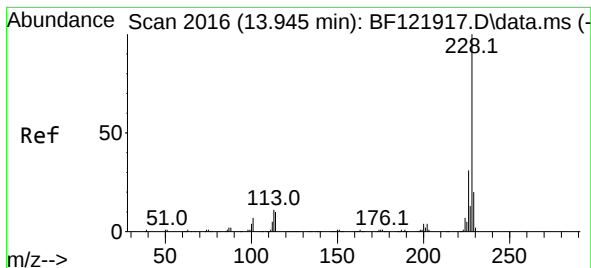
Tgt Ion:228 Resp: 899903
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 35.14 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:252 Resp: 237613
Ion Ratio Lower Upper
252 100
254 62.9 51.8 77.6
126 12.0 8.8 13.2





#83

Chrysene

Concen: 49.00 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

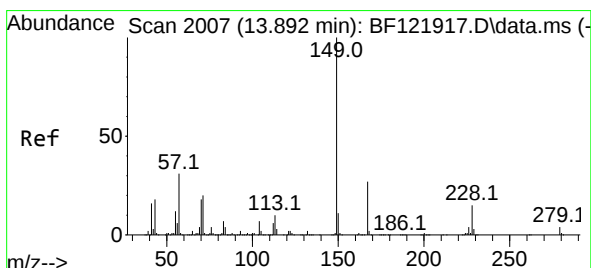
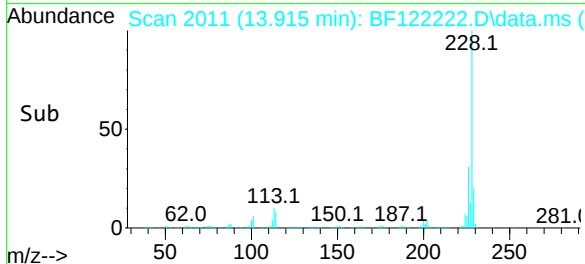
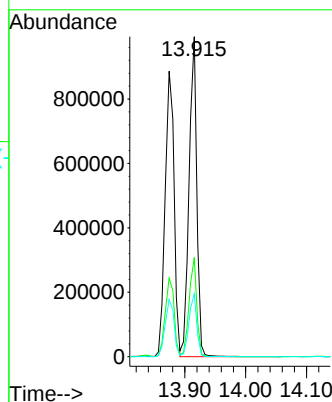
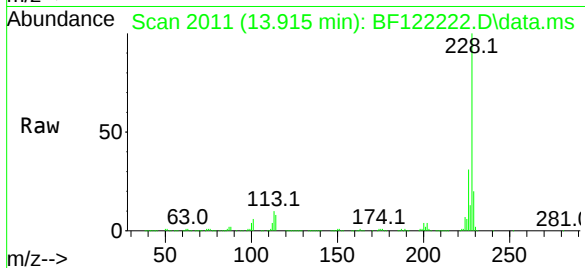
Tgt Ion:228 Resp: 876872

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.84 ng

RT: 13.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

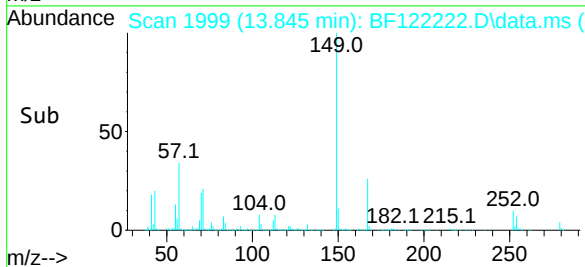
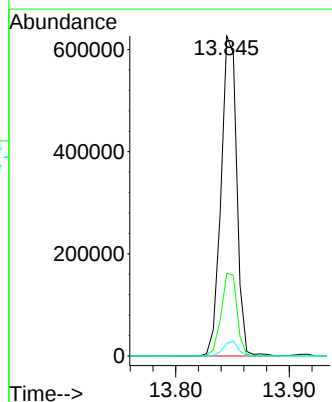
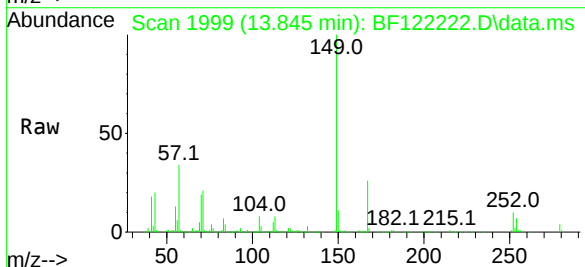
Tgt Ion:149 Resp: 603023

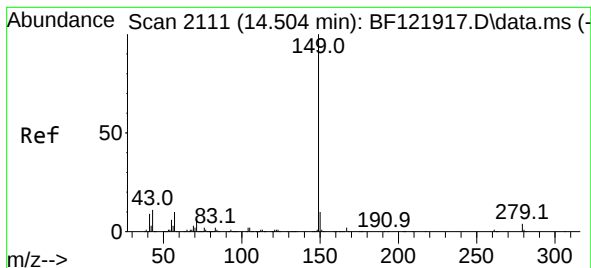
Ion Ratio Lower Upper

149 100

167 25.8 20.9 31.3

279 3.9 3.2 4.8

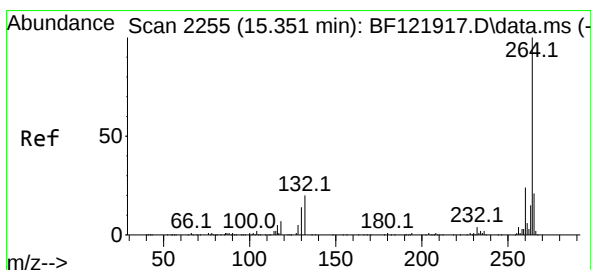
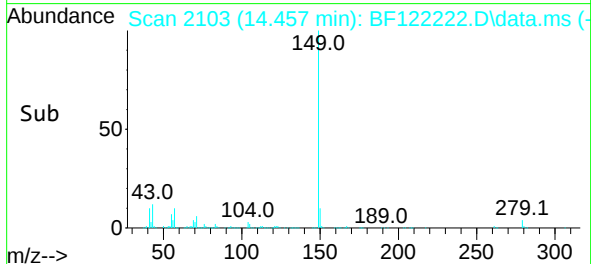
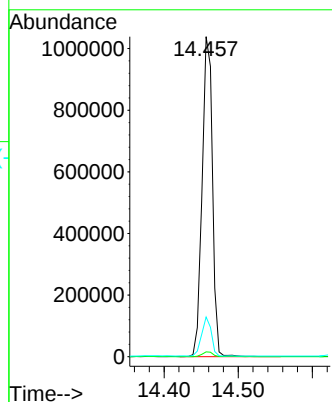
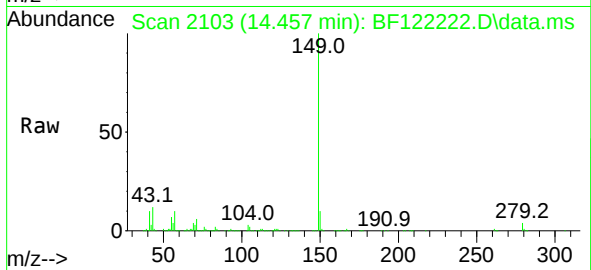




#85
Di-n-octyl phthalate
Concen: 54.43 ng
RT: 14.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

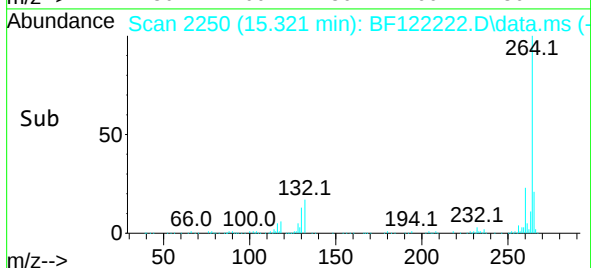
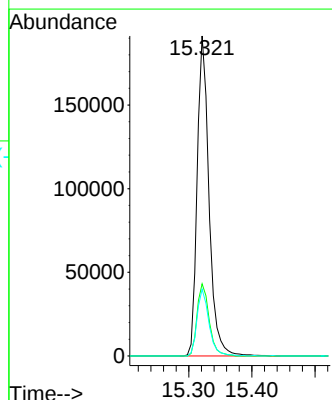
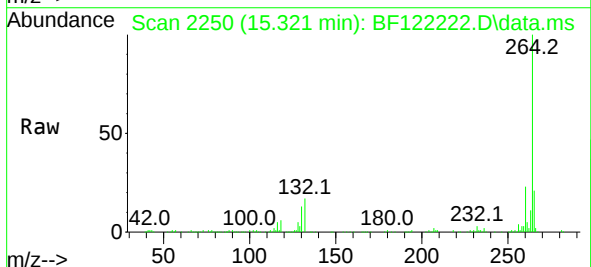
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

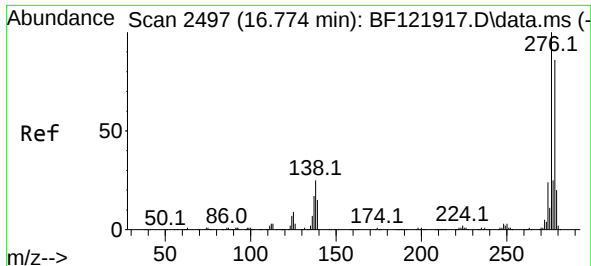
Tgt Ion:149 Resp: 1004800
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:264 Resp: 248503
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 20.8 17.3 25.9

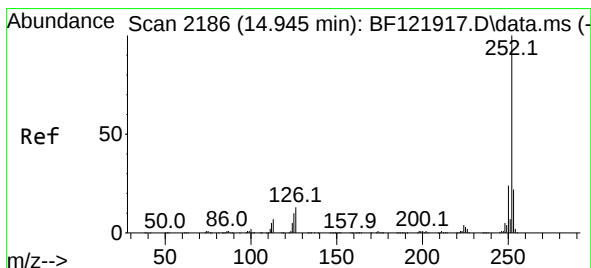
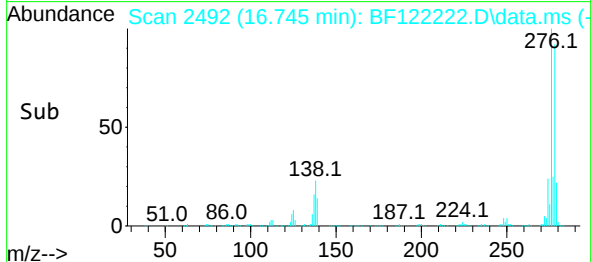
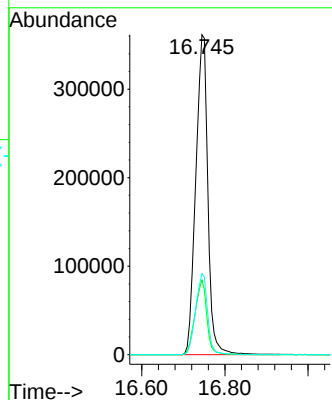
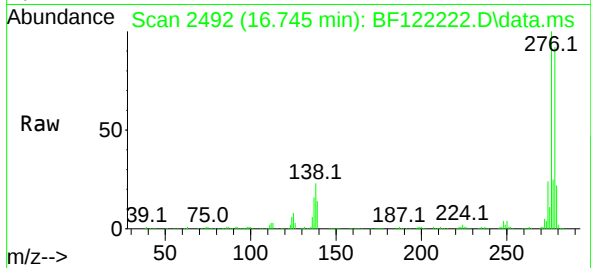




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.24 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

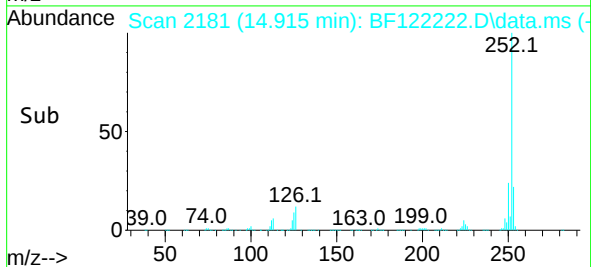
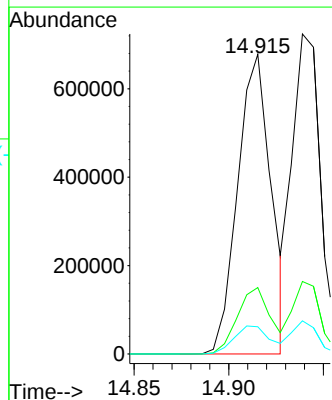
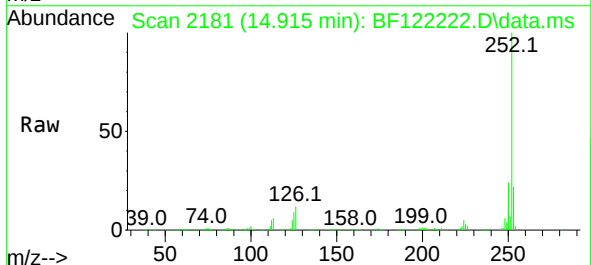
Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

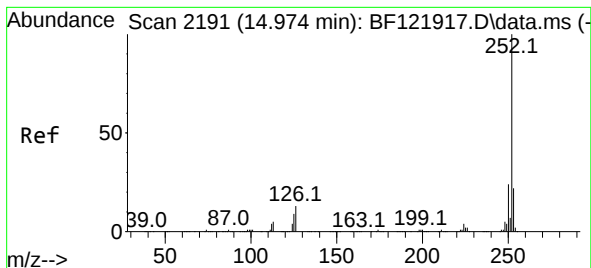
Tgt Ion:276 Resp: 729973
Ion Ratio Lower Upper
276 100
138 22.7 19.9 29.9
277 25.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 49.54 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:252 Resp: 832222
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.46 ng

RT: 14.939 min Scan# 2185

Delta R.T. 0.012 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

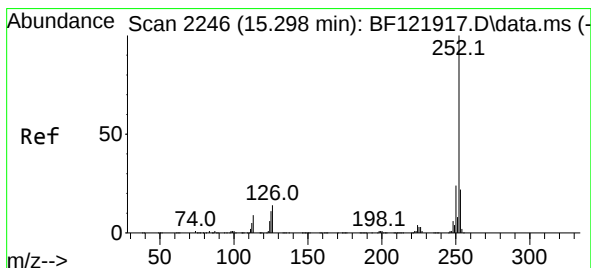
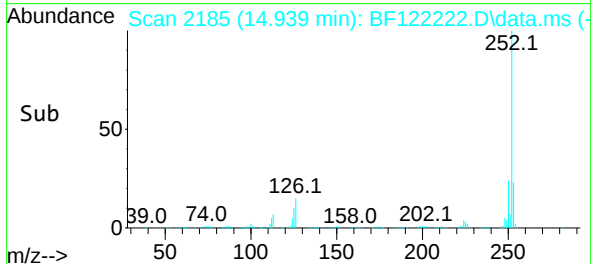
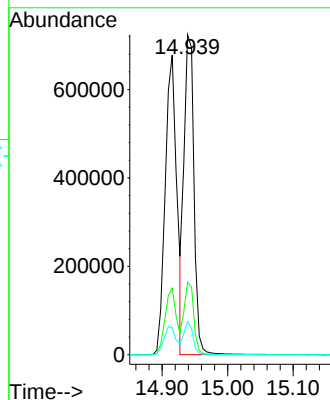
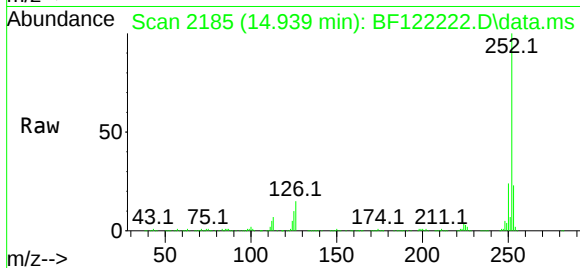
Tgt Ion:252 Resp: 757231

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.4 7.7 11.5



#90

Benzo(a)pyrene

Concen: 48.31 ng

RT: 15.268 min Scan# 2241

Delta R.T. 0.018 min

Lab File: BF122222.D

Acq: 2 Nov 2020 13:09

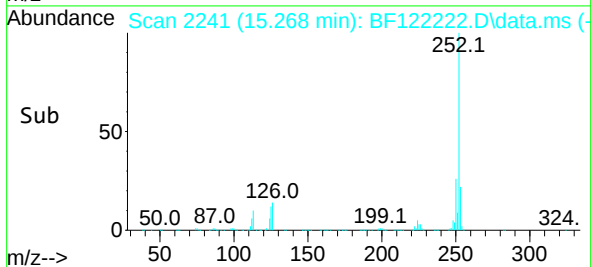
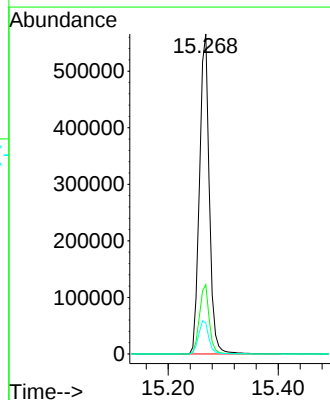
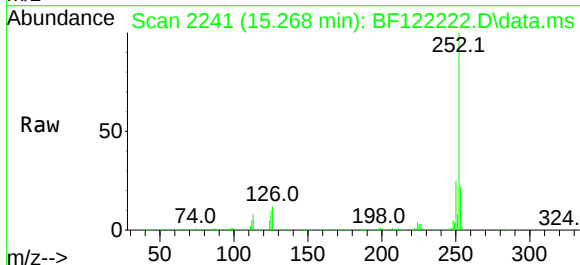
Tgt Ion:252 Resp: 700894

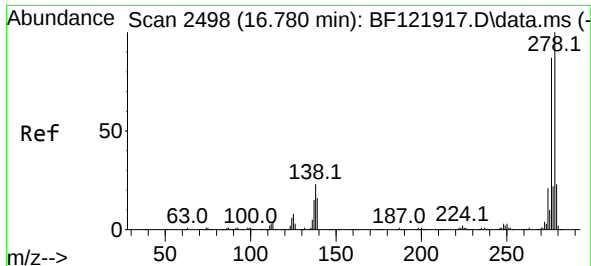
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.7 8.6 13.0

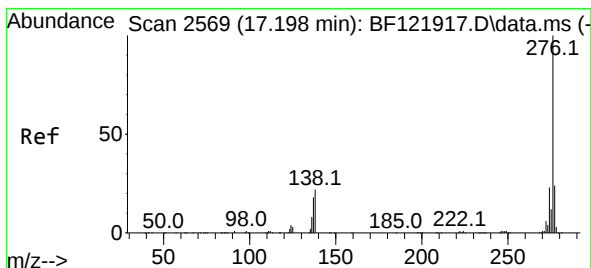
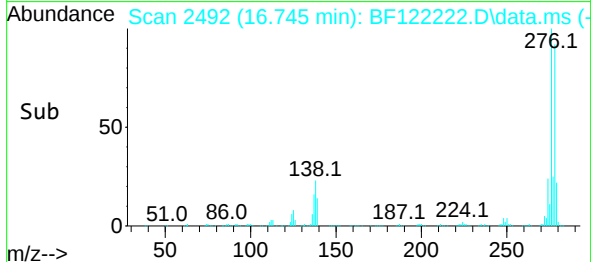
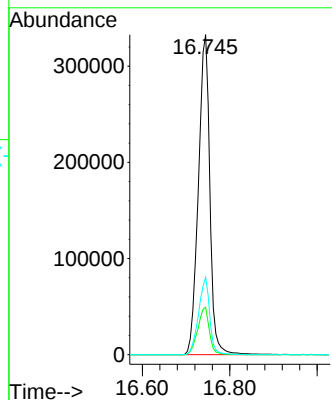
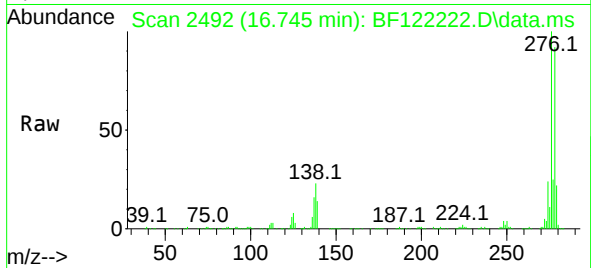




#91
Dibenzo(a,h)anthracene
Concen: 45.82 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.029 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

Tgt Ion:278 Resp: 608676
Ion Ratio Lower Upper
278 100
139 14.8 13.0 19.4
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.52 ng
RT: 17.168 min Scan# 2564
Delta R.T. 0.035 min
Lab File: BF122222.D
Acq: 2 Nov 2020 13:09

Tgt Ion:276 Resp: 605270
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 19.0 17.8 26.6

