

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122900.D
 Acq On : 31 Dec 2020 17:19
 Operator : JU/CG
 Sample : L5244-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MSD

Quant Time: Dec 31 17:52:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	114201	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	441498	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	232708	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	393779	20.00	ng	0.00
76) Chrysene-d12	14.021	240	275349	20.00	ng	0.00
86) Perylene-d12	15.504	264	303941	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	848056	117.57	ng	0.00
7) Phenol-d6	6.475	99	1043074	109.03	ng	0.00
23) Nitrobenzene-d5	7.392	82	659582	74.85	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	321896	105.68	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1226012	71.26	ng	0.00
79) Terphenyl-d14	12.951	244	1155488	73.46	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	106071	31.28	ng	97
3) Pyridine	3.316	79	303957	33.92	ng	98
4) n-Nitrosodimethylamine	3.257	42	130356	36.27	ng	96
6) Aniline	6.498	93	208636	18.53	ng	# 53
8) 2-Chlorophenol	6.616	128	345907	43.51	ng	98
9) Benzaldehyde	6.369	77	77304	13.35	ng	97
10) Phenol	6.487	94	448576	45.25	ng	94
11) bis(2-Chloroethyl)ether	6.557	93	352532	46.55	ng	98
12) 1,3-Dichlorobenzene	6.763	146	374704	39.83	ng	98
13) 1,4-Dichlorobenzene	6.840	146	377265	39.77	ng	98
14) 1,2-Dichlorobenzene	6.992	146	358955	39.20	ng	99
15) Benzyl Alcohol	6.975	79	286513	43.49	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	370660	34.32	ng	# 51
17) 2-Methylphenol	7.098	107	262974	41.61	ng	# 88
18) Hexachloroethane	7.334	117	115378	34.13	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	227119	41.44	ng	100
20) 3+4-Methylphenols	7.251	107	355392	44.51	ng	# 65
22) Acetophenone	7.240	105	481250	43.84	ng	# 93
24) Nitrobenzene	7.410	77	339008	38.67	ng	98
25) Isophorone	7.657	82	623119	41.06	ng	95
26) 2-Nitrophenol	7.728	139	184212	43.09	ng	98
27) 2,4-Dimethylphenol	7.775	122	300218	47.91	ng	97
28) bis(2-Chloroethoxy)met...	7.863	93	398986	38.39	ng	98
29) 2,4-Dichlorophenol	7.981	162	306582	41.89	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	316062	38.12	ng	98
31) Naphthalene	8.134	128	1043810	42.84	ng	100
32) Benzoic acid	7.922	122	219991	44.06	ng	# 83
33) 4-Chloroaniline	8.204	127	162381	15.94	ng	98
34) Hexachlorobutadiene	8.251	225	189792	37.19	ng	99
35) Caprolactam	8.569	113	51869	23.53	ng	# 84
36) 4-Chloro-3-methylphenol	8.686	107	304650	42.26	ng	99
37) 2-Methylnaphthalene	8.828	142	676540	41.98	ng	99
38) 1-Methylnaphthalene	8.928	142	614695	40.32	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	310079	40.23	ng	99
41) Hexachlorocyclopentadiene	8.975	237	14326	4.20	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	208825	39.23	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122900.D
 Acq On : 31 Dec 2020 17:19
 Operator : JU/CG
 Sample : L5244-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MSD

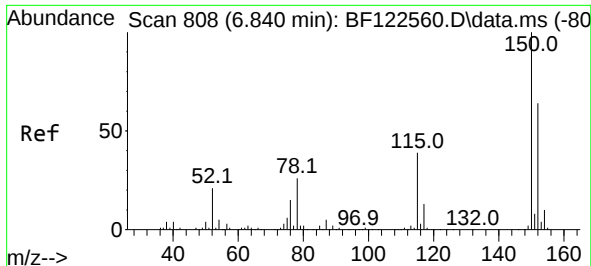
Quant Time: Dec 31 17:52:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	219757	39.94	ng	99
46) 1,1'-Biphenyl	9.292	154	784843	40.64	ng	99
47) 2-Chloronaphthalene	9.322	162	613187	38.32	ng	98
48) 2-Nitroaniline	9.422	65	175762	37.68	ng	98
49) Acenaphthylene	9.733	152	934825	39.55	ng	99
50) Dimethylphthalate	9.592	163	811683	43.67	ng	99
51) 2,6-Dinitrotoluene	9.663	165	163911	41.76	ng	97
52) Acenaphthene	9.910	154	556863	36.42	ng	98
53) 3-Nitroaniline	9.828	138	99643	21.97	ng	94
54) 2,4-Dinitrophenol	9.951	184	89693	46.74	ng	# 88
55) Dibenzofuran	10.081	168	851694	39.60	ng	100
56) 4-Nitrophenol	10.010	139	226583	70.06	ng	89
57) 2,4-Dinitrotoluene	10.069	165	202499	38.73	ng	96
58) Fluorene	10.428	166	689351	40.29	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	183454	37.95	ng	# 100
60) Diethylphthalate	10.292	149	705049	39.00	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	331053	39.30	ng	99
62) 4-Nitroaniline	10.445	138	145698	31.65	ng	99
63) Azobenzene	10.575	77	627560	37.77	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	70189	29.23	ng	95
66) n-Nitrosodiphenylamine	10.533	169	590782	42.46	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	211603	39.66	ng	93
68) Hexachlorobenzene	10.980	284	226415	38.38	ng	93
69) Atrazine	11.063	200	162047	35.86	ng	98
70) Pentachlorophenol	11.175	266	230840	73.86	ng	99
71) Phenanthrene	11.392	178	1097351	46.89	ng	99
72) Anthracene	11.445	178	984240	42.41	ng	98
73) Carbazole	11.598	167	815585	38.75	ng	100
74) Di-n-butylphthalate	11.922	149	1063051	40.20	ng	99
75) Fluoranthene	12.586	202	1251524	51.00	ng	99
77) Benzidine	12.704	184	127198	21.36	ng	98
78) Pyrene	12.816	202	1289116	60.55	ng	99
80) Butylbenzylphthalate	13.427	149	381262	39.76	ng	97
81) Benzo(a)anthracene	14.010	228	1079061	58.64	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	176379	26.76	ng	100
83) Chrysene	14.051	228	1010403	55.17	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	539119	41.06	ng	100
85) Di-n-octyl phthalate	14.604	149	882268	40.50	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1043574	52.31	ng	97
88) Benzo(b)fluoranthene	15.074	252	1223331	57.37	ng	100
89) Benzo(k)fluoranthene	15.104	252	951657	48.81	ng	99
90) Benzo(a)pyrene	15.445	252	1096642	58.78	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	716034	43.85	ng	99
92) Benzo(g,h,i)perylene	17.451	276	846027	53.53	ng	99

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

Quant Time: Dec 31 17:52:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

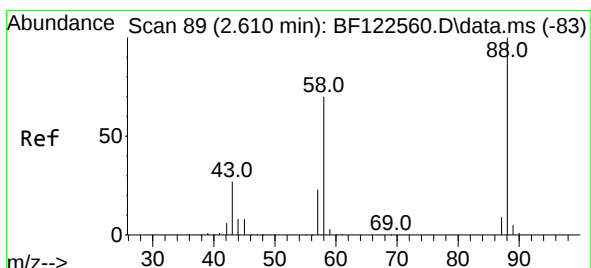
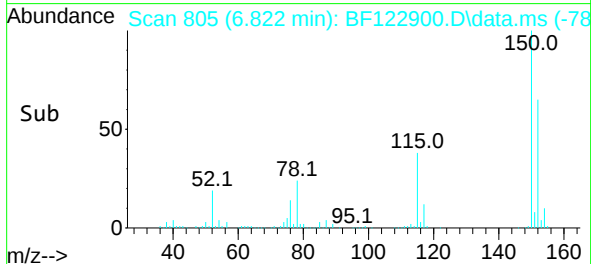
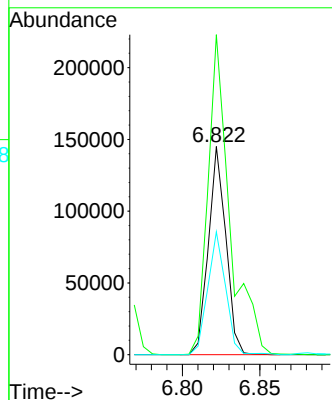
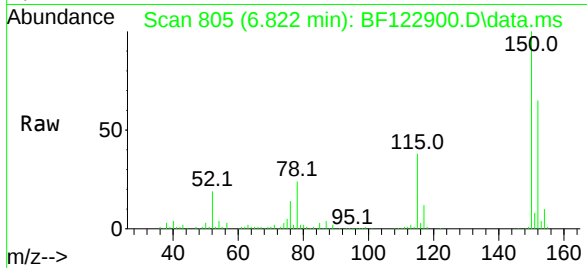




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF122900.D
 Acq: 31 Dec 2020 17:19

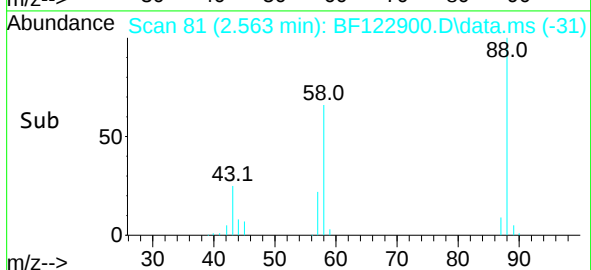
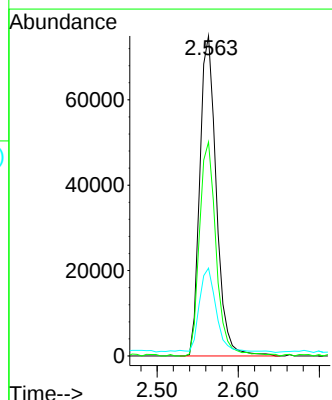
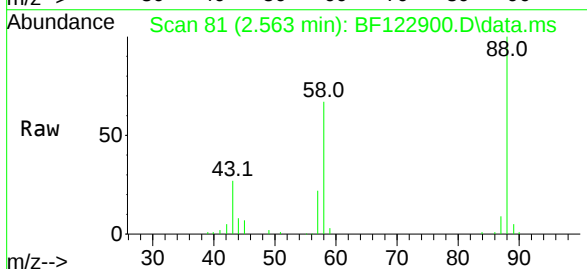
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MSD

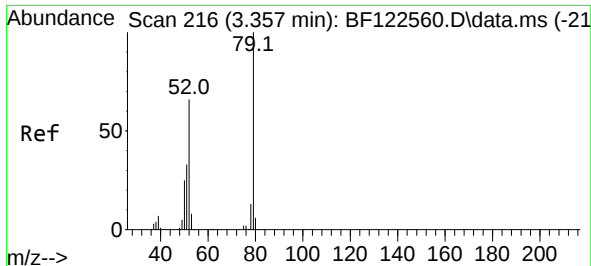
Tgt Ion:152 Resp: 114201
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.8 188.6
 115 59.0 49.3 73.9



#2
 1,4-Dioxane
 Concen: 31.28 ng
 RT: 2.563 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF122900.D
 Acq: 31 Dec 2020 17:19

Tgt Ion: 88 Resp: 106071
 Ion Ratio Lower Upper
 88 100
 58 67.7 56.2 84.2
 43 26.1 21.8 32.6

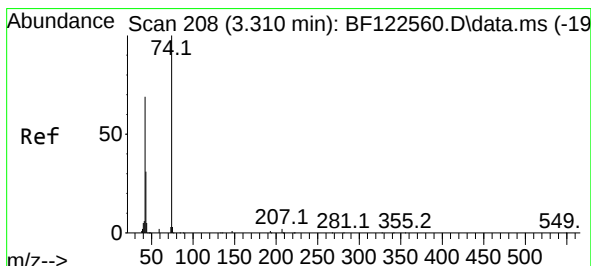
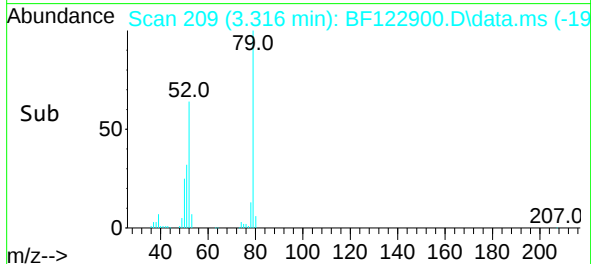
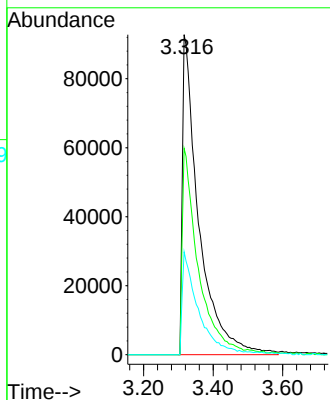
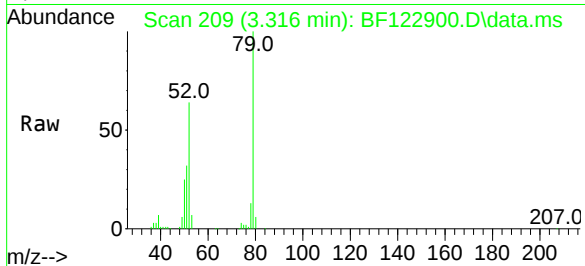




#3
Pyridine
Concen: 33.92 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

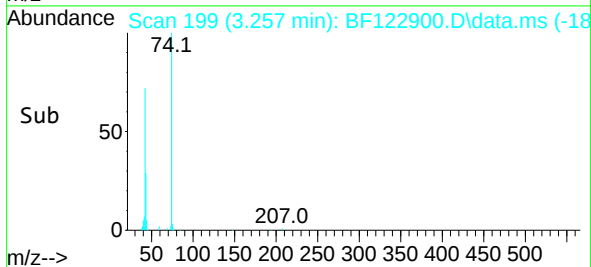
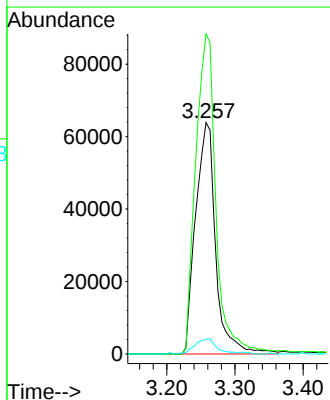
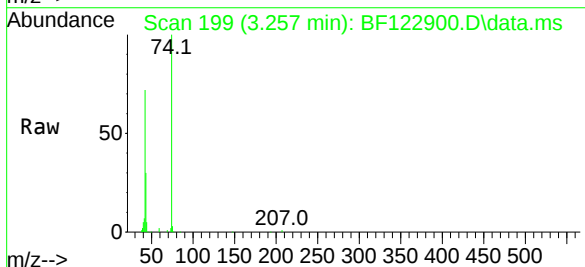
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

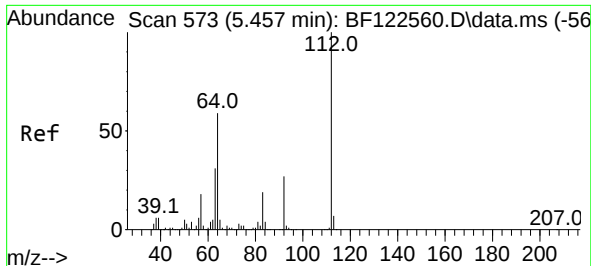
Tgt Ion: 79 Resp: 303957
Ion Ratio Lower Upper
79 100
52 64.5 53.0 79.4
51 32.1 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 36.27 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.018 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 42 Resp: 130356
Ion Ratio Lower Upper
42 100
74 138.3 115.2 172.8
44 6.4 5.4 8.0

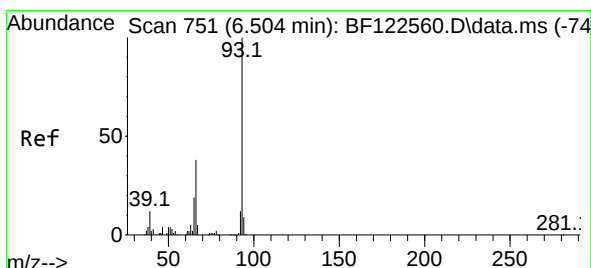
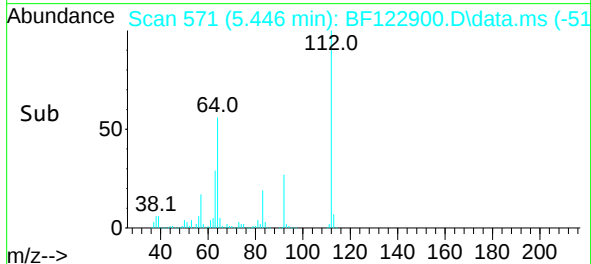
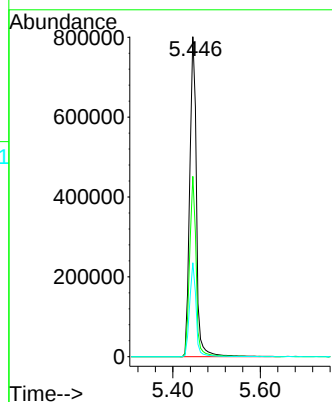
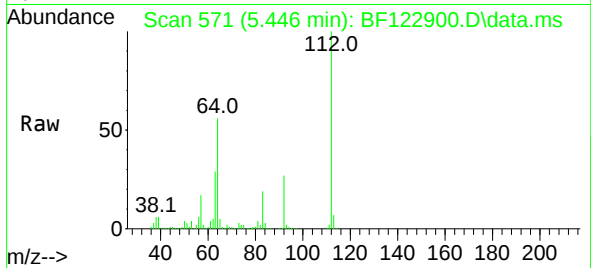




#5
2-Fluorophenol
Concen: 117.57 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

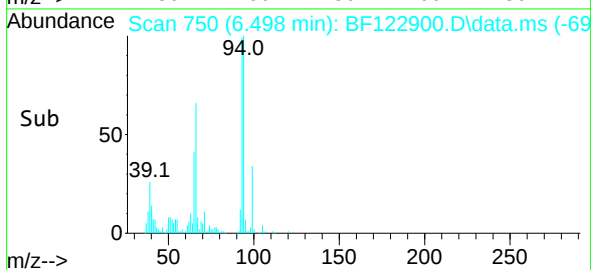
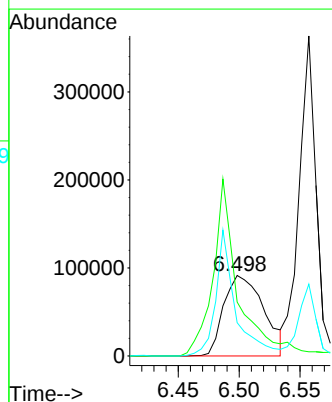
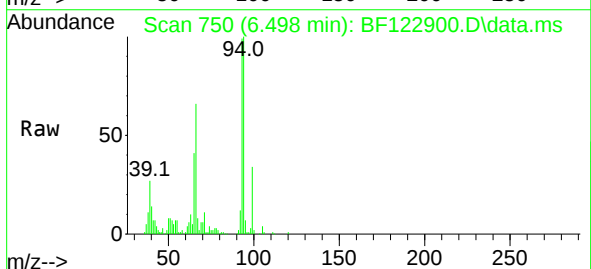
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

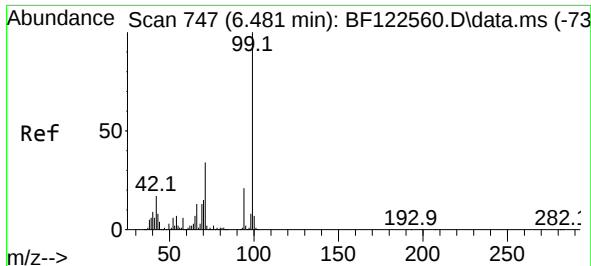
Tgt Ion:112 Resp: 848056
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 29.4 24.5 36.7



#6
Aniline
Concen: 18.53 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 93 Resp: 208636
Ion Ratio Lower Upper
93 100
66 67.1 31.3 46.9#
65 41.3 15.6 23.4#

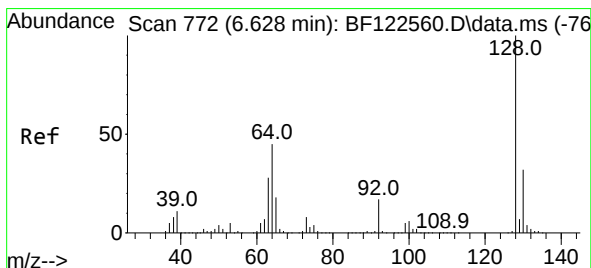
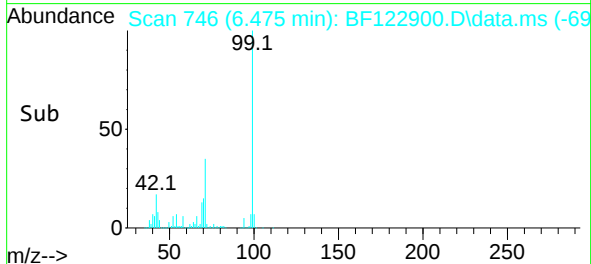
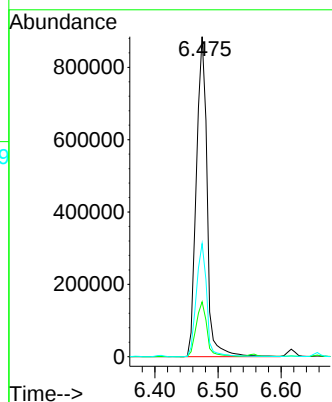
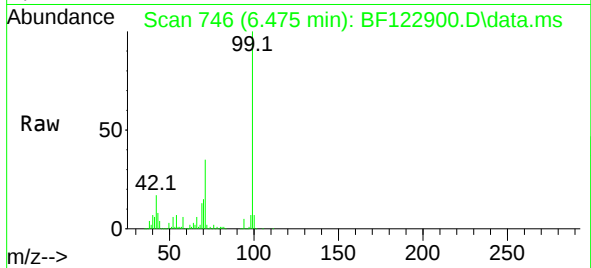




#7
Phenol-d6
Concen: 109.03 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

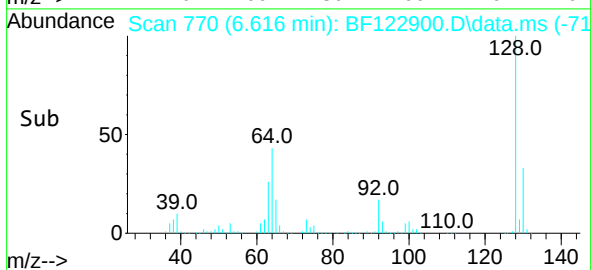
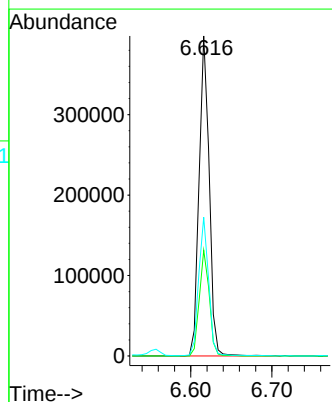
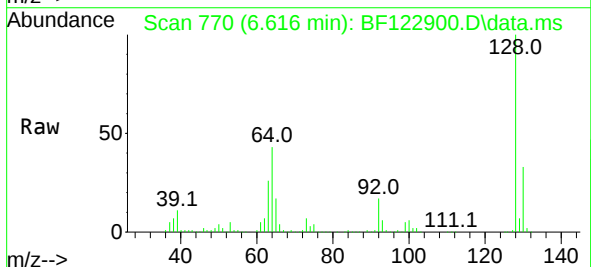
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

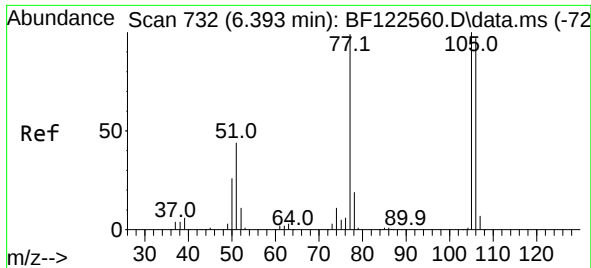
Tgt Ion: 99 Resp: 1043074
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 35.3 26.9 40.3



#8
2-Chlorophenol
Concen: 43.51 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 128 Resp: 345907
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 43.3 25.5 65.5

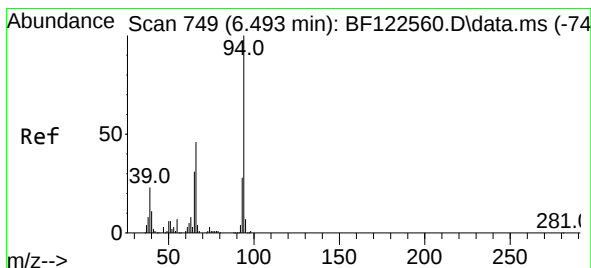
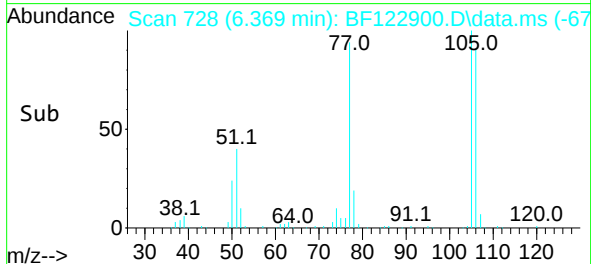
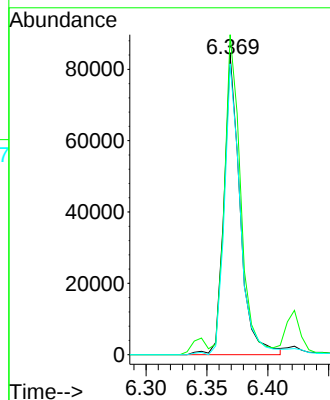
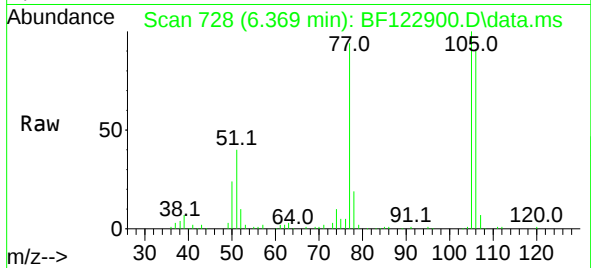




#9
Benzaldehyde
Concen: 13.35 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

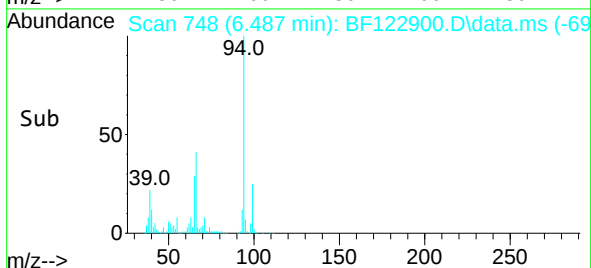
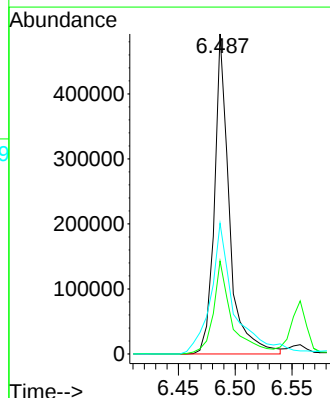
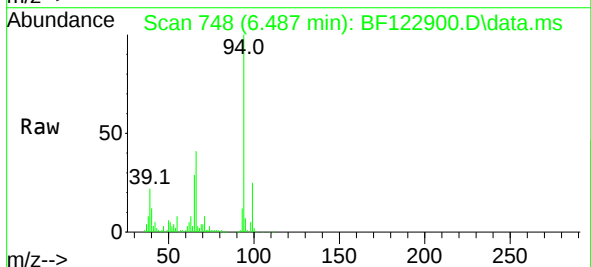
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

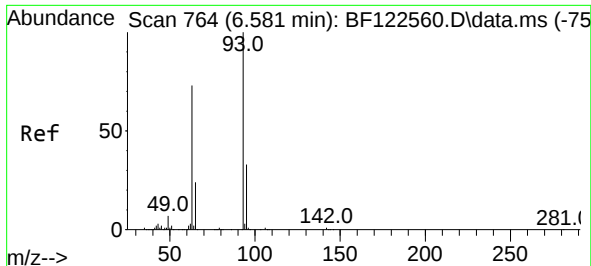
Tgt Ion: 77	Resp: 77304
Ion Ratio	Lower Upper
77 100	
105 106.5	80.6 120.6
106 96.8	77.2 117.2



#10
Phenol
Concen: 45.25 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 94	Resp: 448576
Ion Ratio	Lower Upper
94 100	
65 29.1	11.2 51.2
66 40.8	25.8 65.8

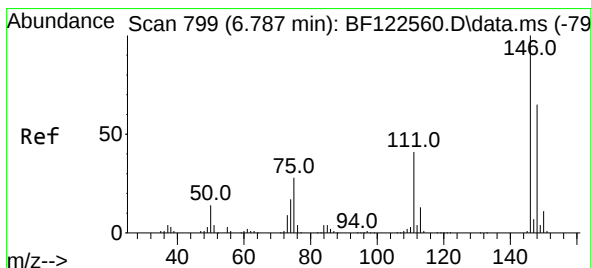
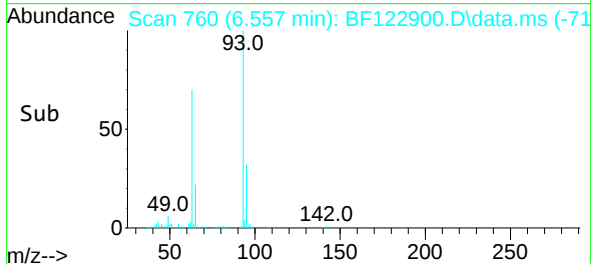
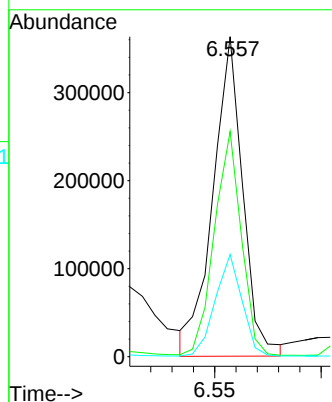
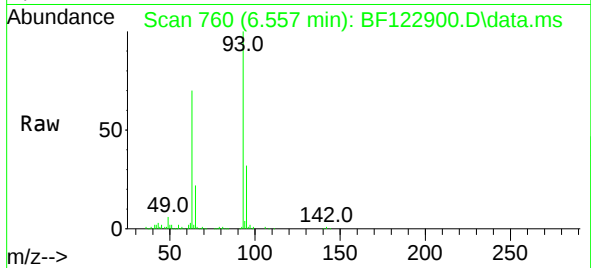




#11
bis(2-Chloroethyl)ether
Concen: 46.55 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

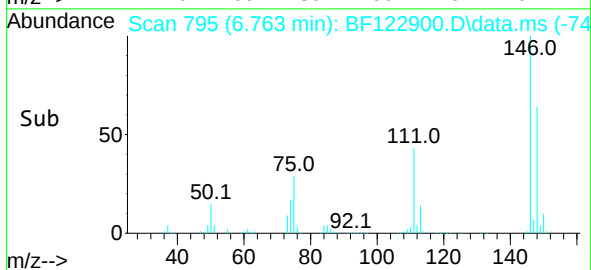
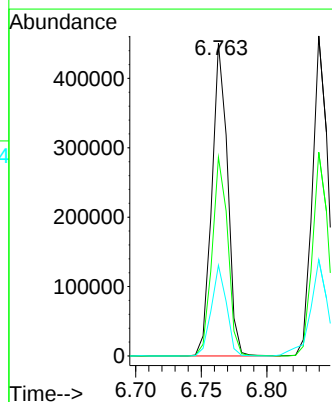
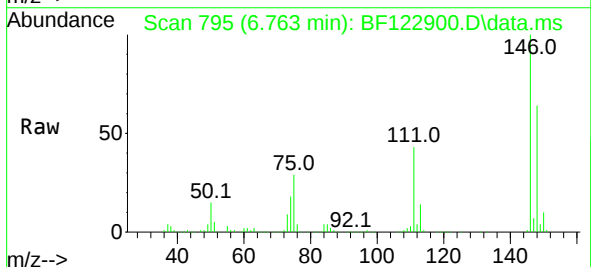
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

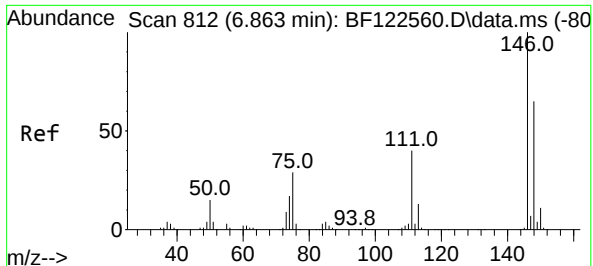
Tgt Ion: 93 Resp: 352532
Ion Ratio Lower Upper
93 100
63 70.4 52.6 92.6
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.83 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 146 Resp: 374704
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 29.0 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 39.77 ng

RT: 6.840 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

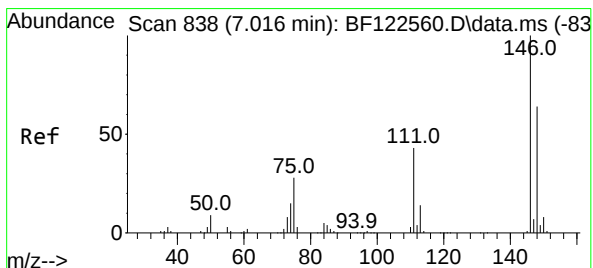
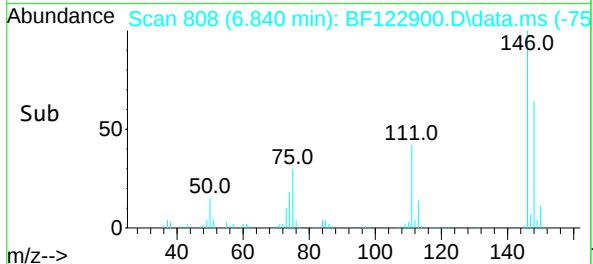
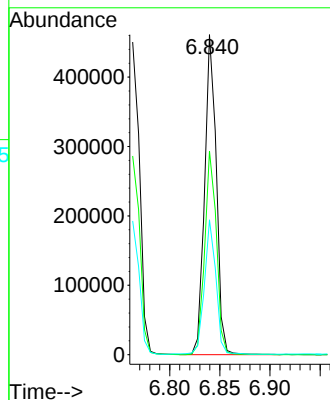
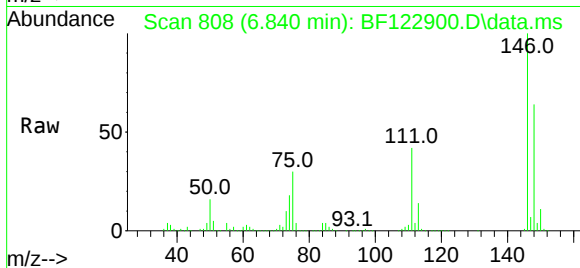
Tgt Ion:146 Resp: 377265

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

111 42.1 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 39.20 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

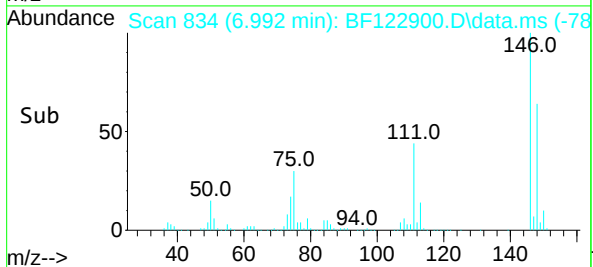
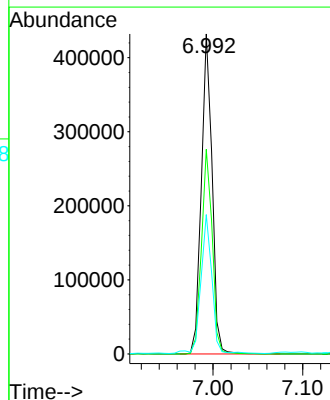
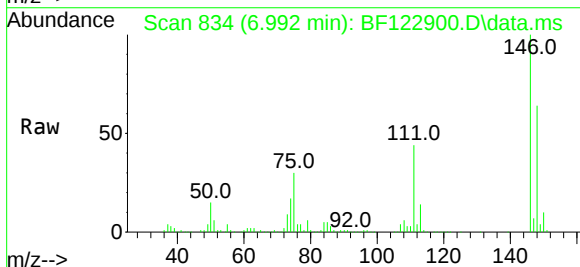
Tgt Ion:146 Resp: 358955

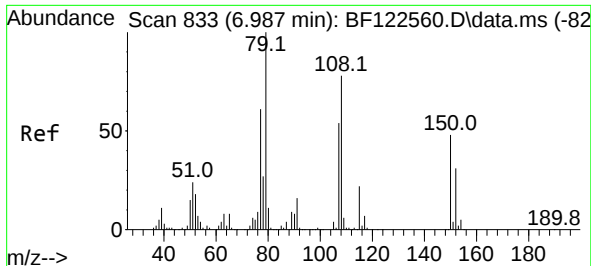
Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

111 43.5 34.2 51.2

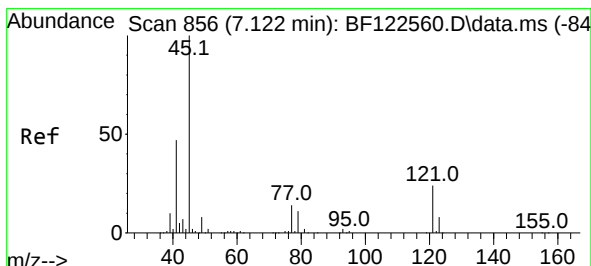
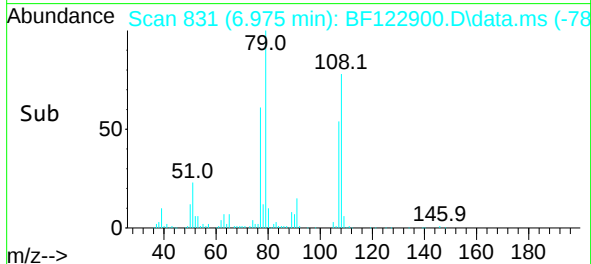
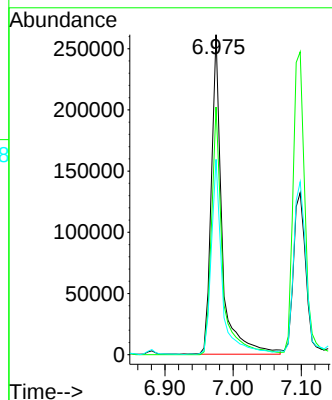
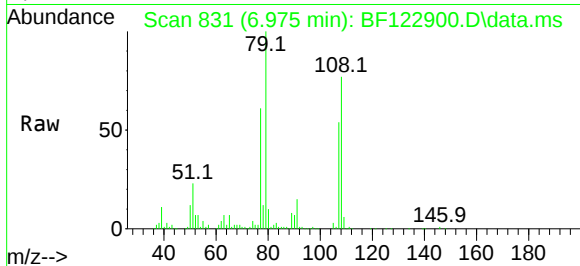




#15
Benzyl Alcohol
Concen: 43.49 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

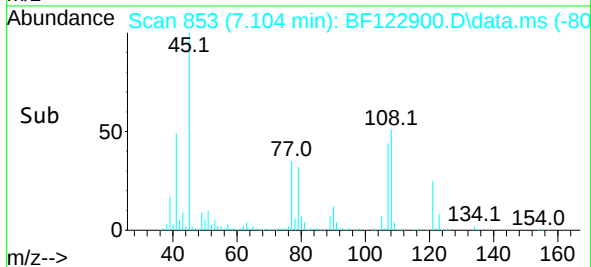
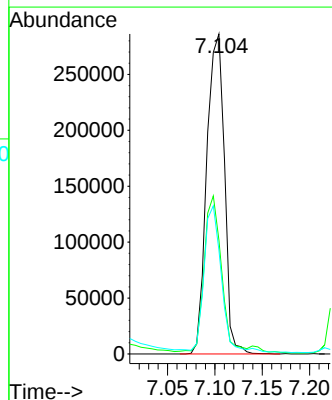
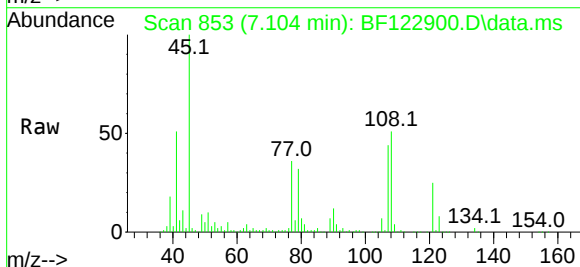
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

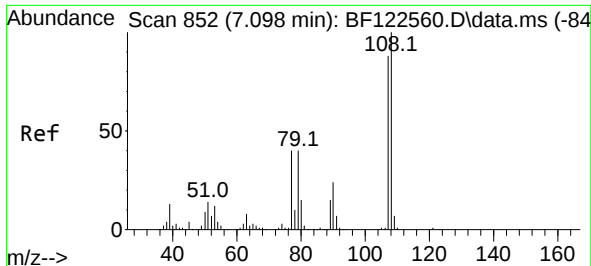
Tgt Ion: 79 Resp: 286513
Ion Ratio Lower Upper
79 100
108 77.4 62.4 93.6
77 61.1 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.32 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 45 Resp: 370660
Ion Ratio Lower Upper
45 100
77 35.6 0.0 35.6#
79 32.4 0.0 32.4#

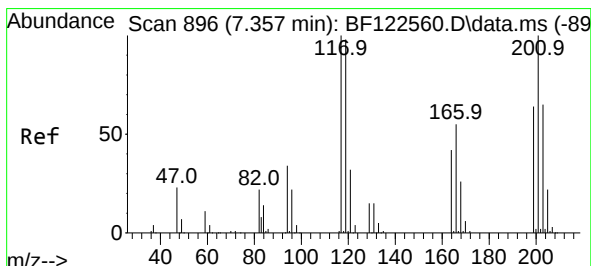
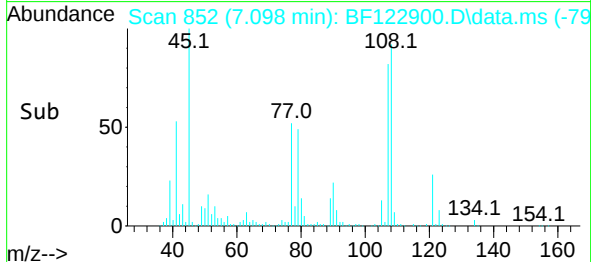
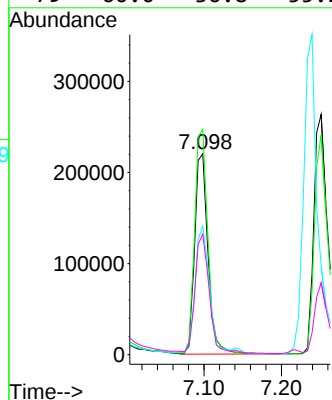
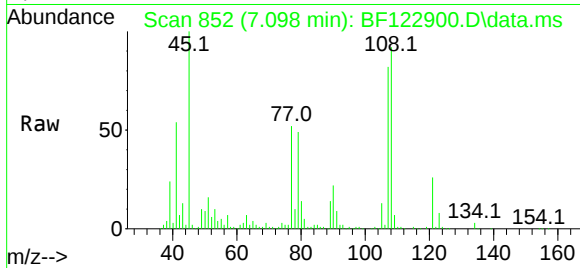




#17
2-Methylphenol
Concen: 41.61 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.012 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

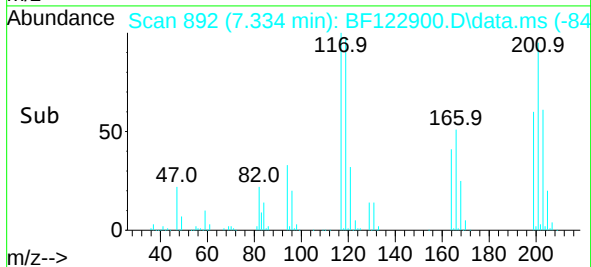
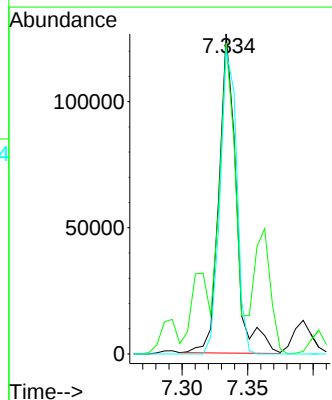
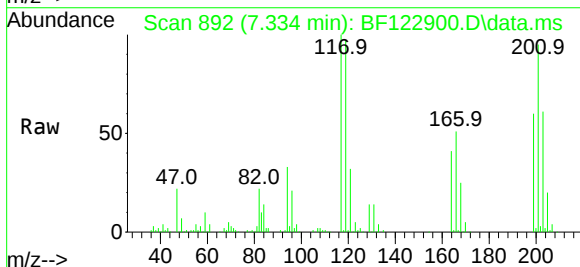
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

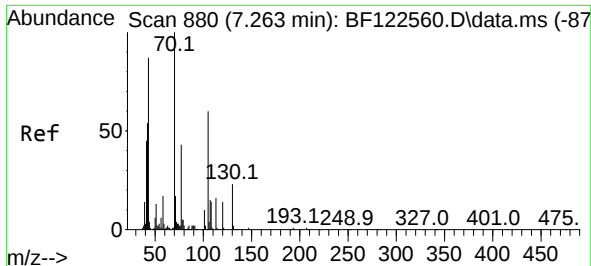
Tgt Ion:	107	Resp:	262974
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	64.1	36.3	54.5#
79	60.0	36.8	55.2#



#18
Hexachloroethane
Concen: 34.13 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:	117	Resp:	115378
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.4	117.6
201	94.7	79.6	119.4



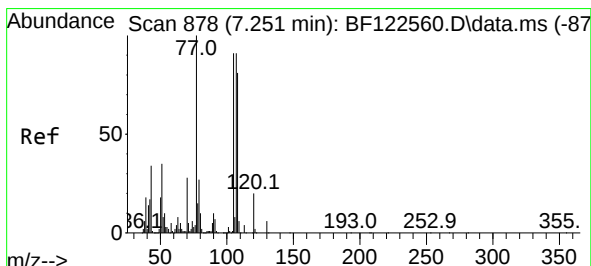
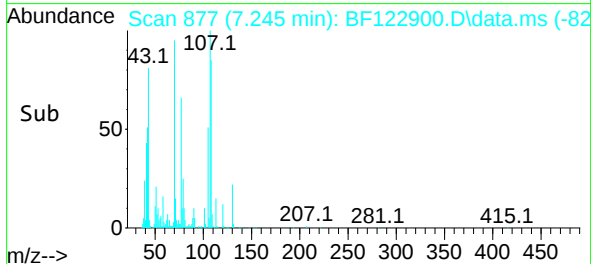
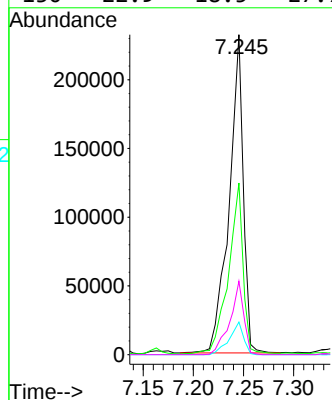
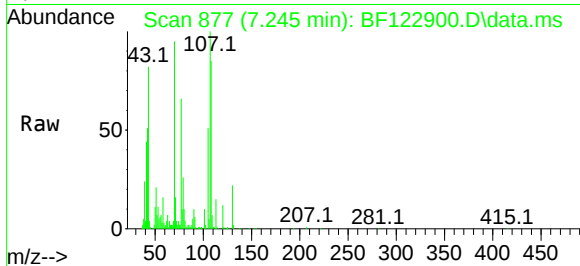


#19
n-Nitroso-di-n-propylamine
Concen: 41.44 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

Tgt Ion: 70 Resp: 227119

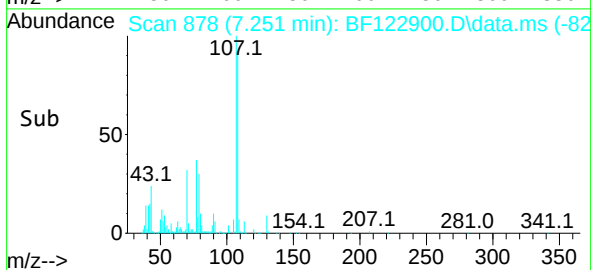
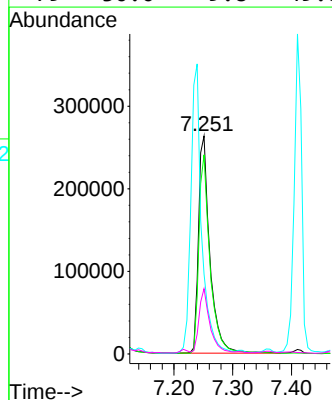
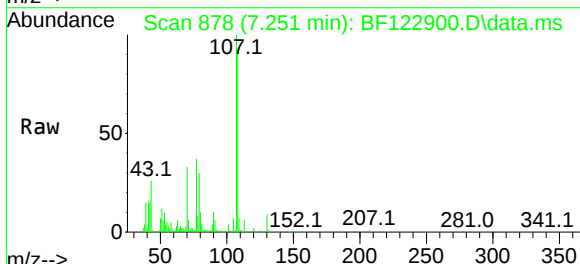
Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.0	64.4
101	10.2	7.9	11.9
130	22.9	18.5	27.7

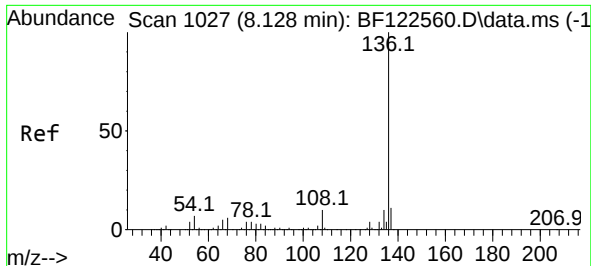


#20
3+4-Methylphenols
Concen: 44.51 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 107 Resp: 355392

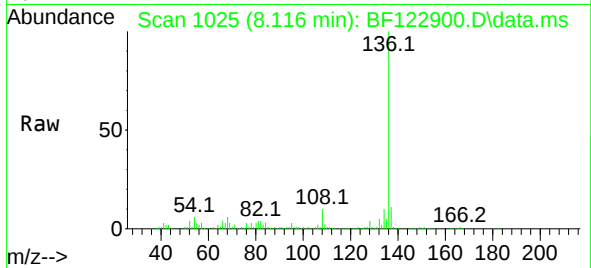
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.7	108.7
77	36.7	89.8	129.8#
79	30.0	9.8	49.8



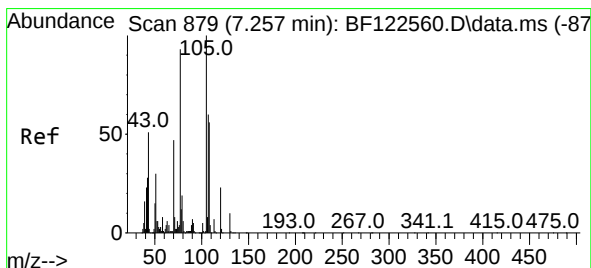
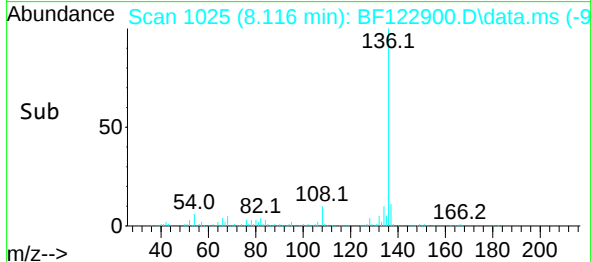
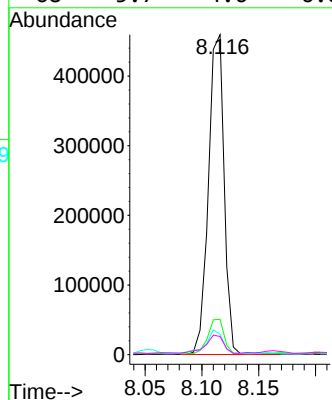


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

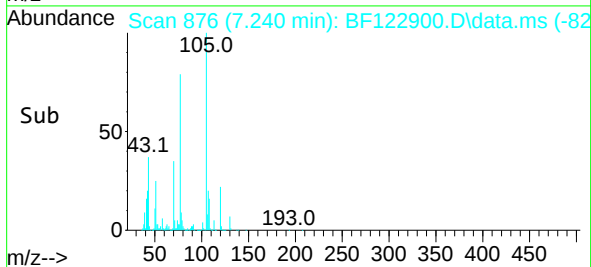
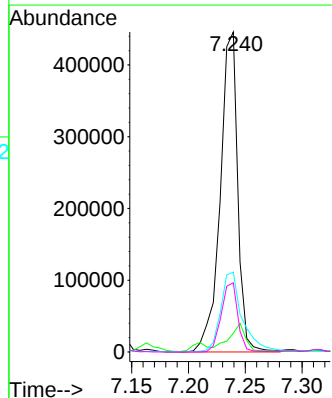
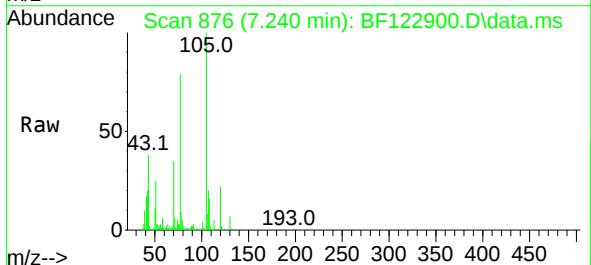


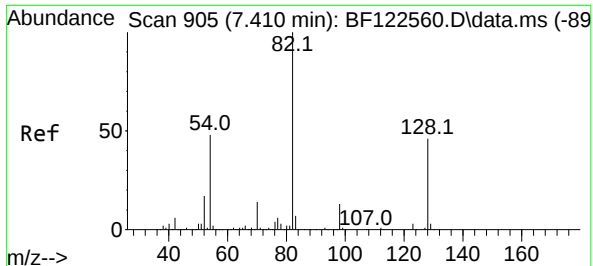
Tgt Ion:136 Resp: 441498
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.5 8.3
68 5.7 4.6 6.8



#22
Acetophenone
Concen: 43.84 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:105 Resp: 481250
Ion Ratio Lower Upper
105 100
71 5.8 6.5 9.7#
51 24.9 24.3 36.5
120 21.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 74.85 ng

RT: 7.392 min Scan# 902

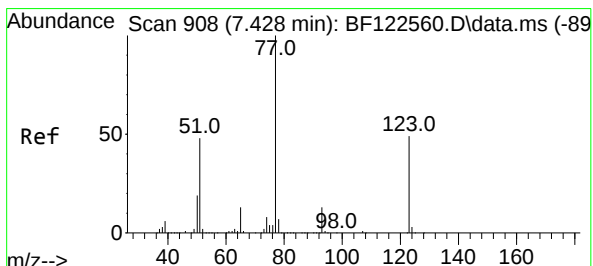
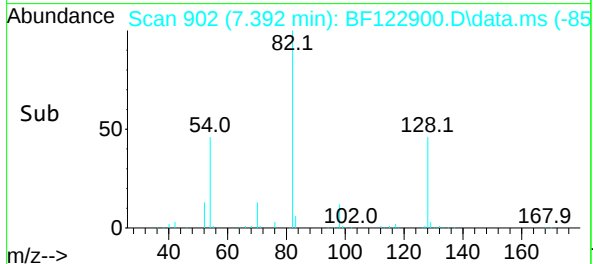
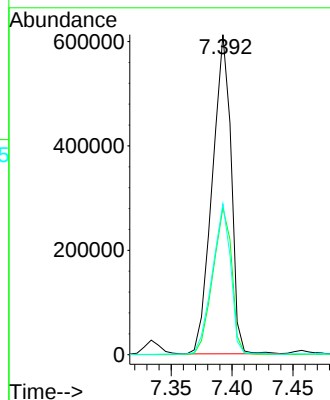
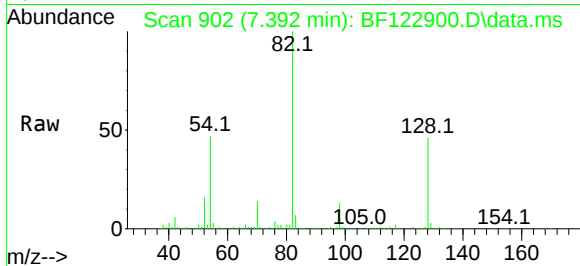
Delta R.T. -0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion: 82 Resp: 659582

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.4
54	47.1	38.4	57.6



#24

Nitrobenzene

Concen: 38.67 ng

RT: 7.410 min Scan# 905

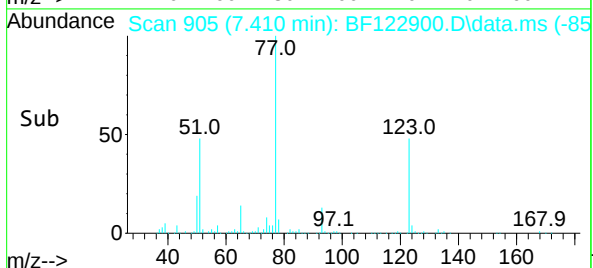
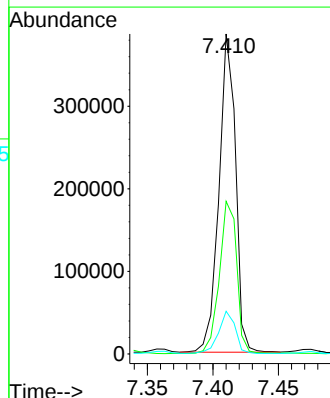
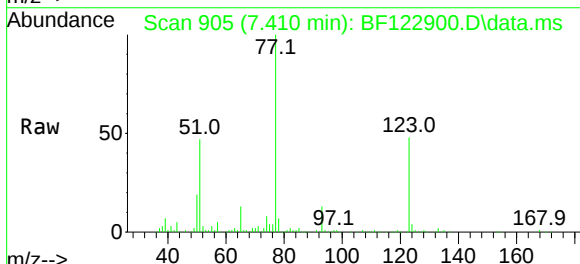
Delta R.T. -0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion: 77 Resp: 339008

Ion	Ratio	Lower	Upper
77	100		
123	47.7	39.3	58.9
65	13.3	10.6	15.8

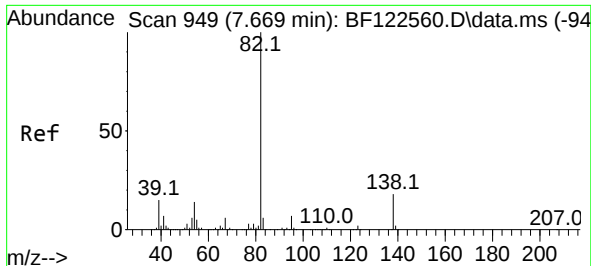


Instrument :

BNA_F

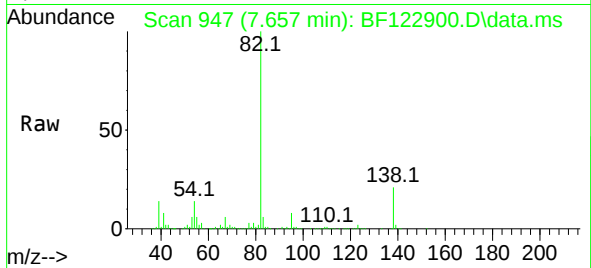
ClientSampleId :

HR-01-123020MSD

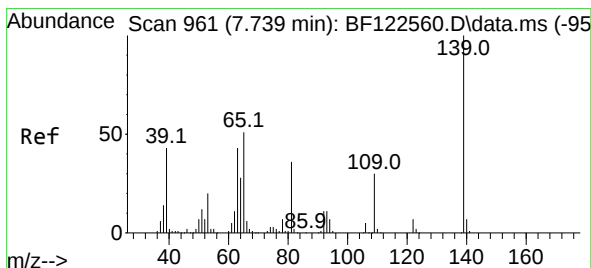
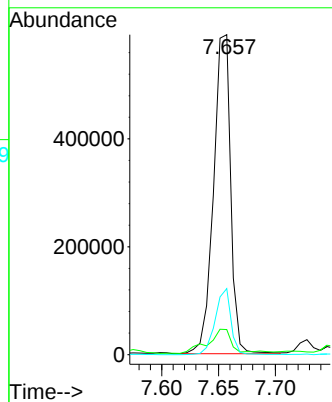
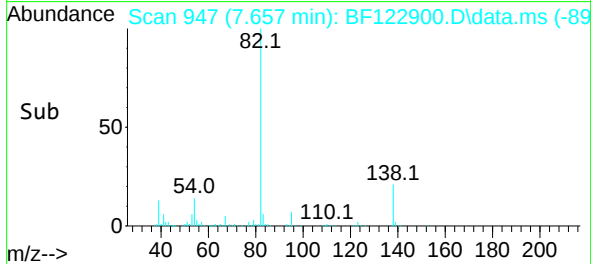


#25
Isophorone
Concen: 41.06 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

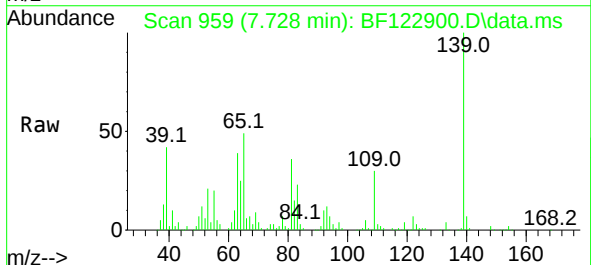
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD



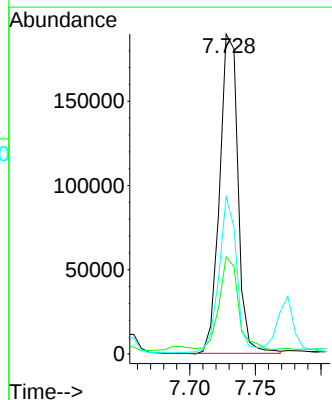
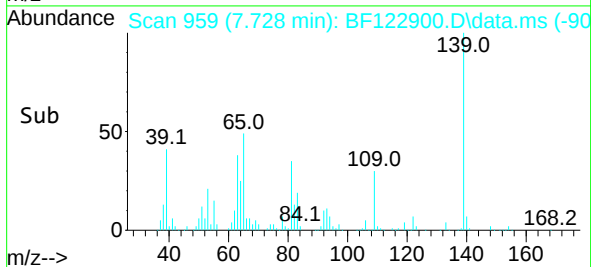
Tgt Ion: 82 Resp: 623119
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 20.7 14.6 21.8

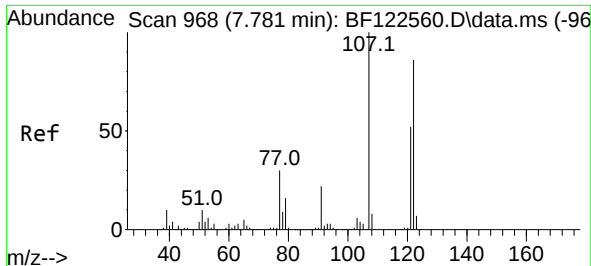


#26
2-Nitrophenol
Concen: 43.09 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19



Tgt Ion: 139 Resp: 184212
Ion Ratio Lower Upper
139 100
109 30.4 24.0 36.0
65 49.1 40.9 61.3

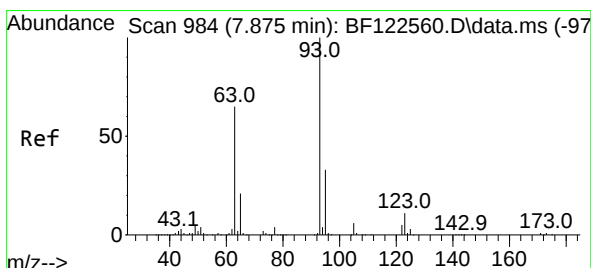
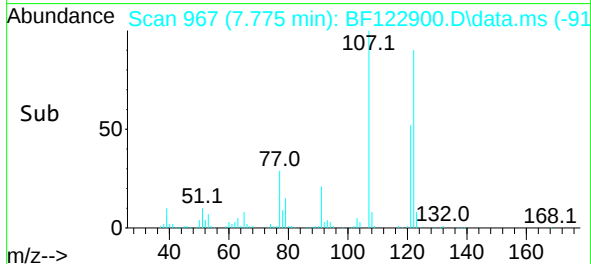
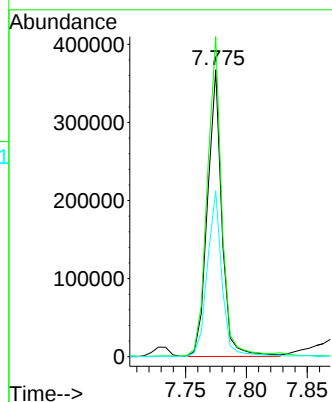
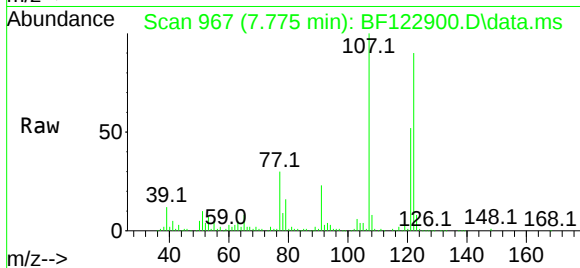




#27
2,4-Dimethylphenol
Concen: 47.91 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

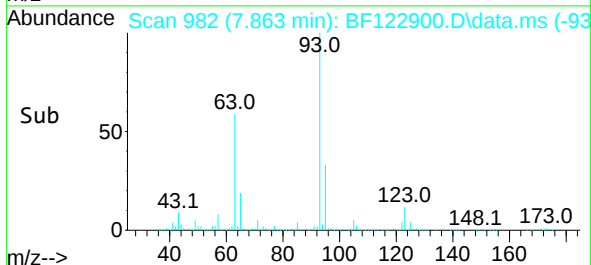
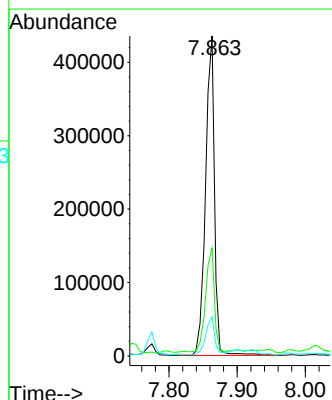
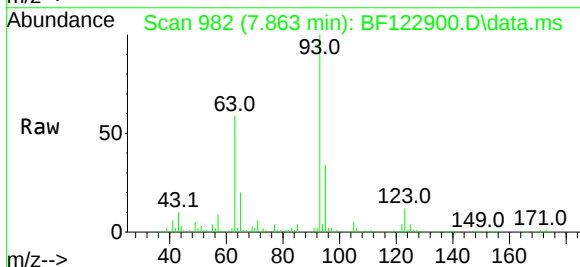
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

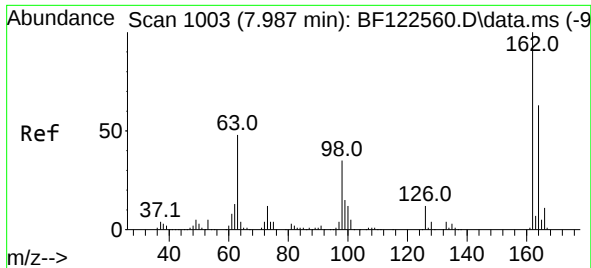
Tgt Ion:122 Resp: 300218
Ion Ratio Lower Upper
122 100
107 111.6 91.8 137.8
121 57.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 38.39 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 93 Resp: 398986
Ion Ratio Lower Upper
93 100
95 33.7 26.2 39.2
123 12.2 9.2 13.8

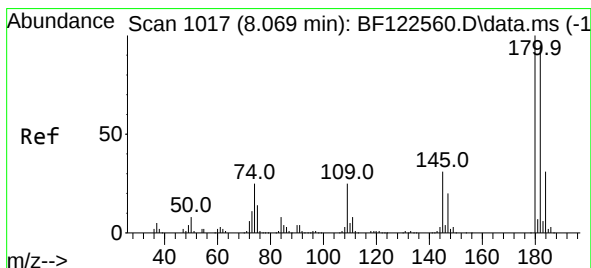
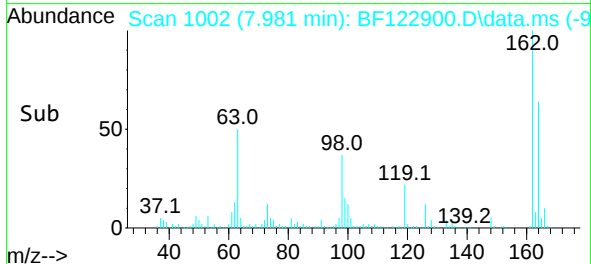
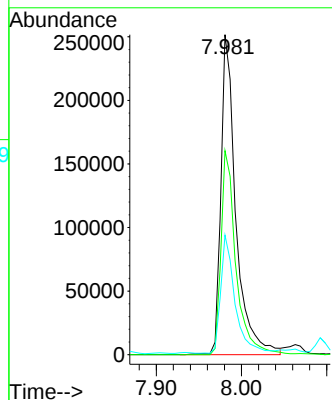
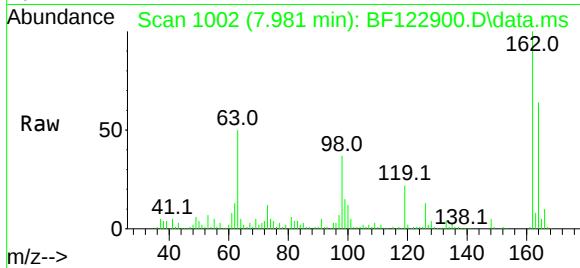




#29
2,4-Dichlorophenol
Concen: 41.89 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

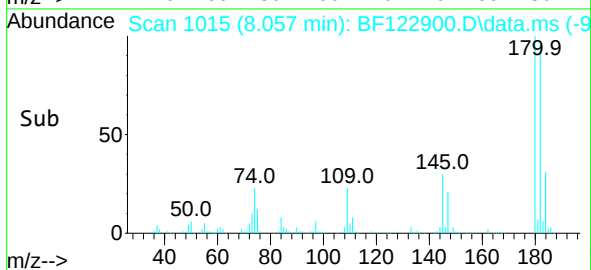
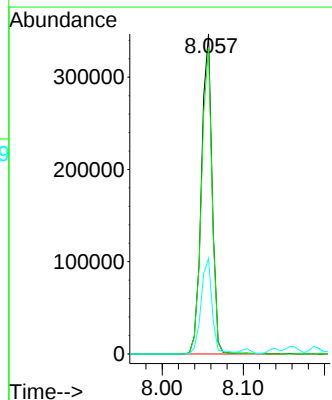
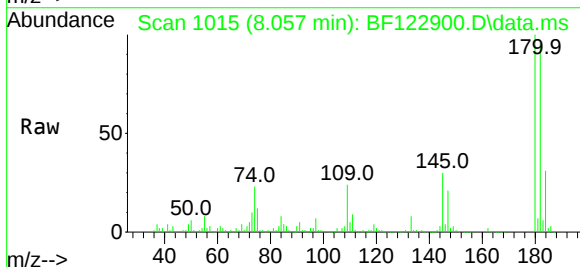
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

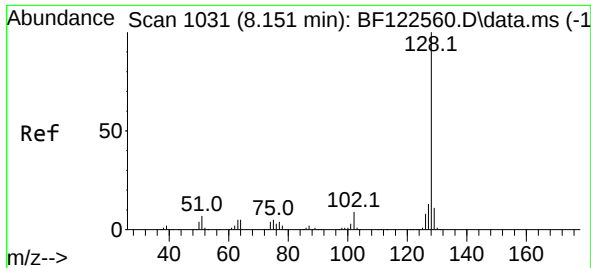
Tgt Ion:162 Resp: 306582
Ion Ratio Lower Upper
162 100
164 63.7 43.2 83.2
98 37.4 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 38.12 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:180 Resp: 316062
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 29.8 25.0 37.4

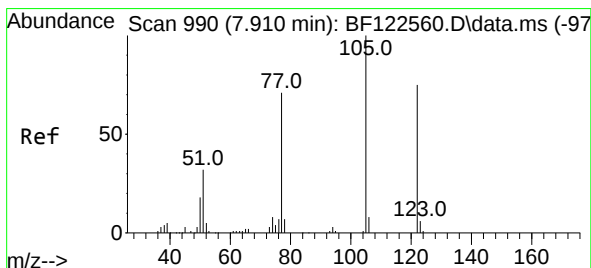
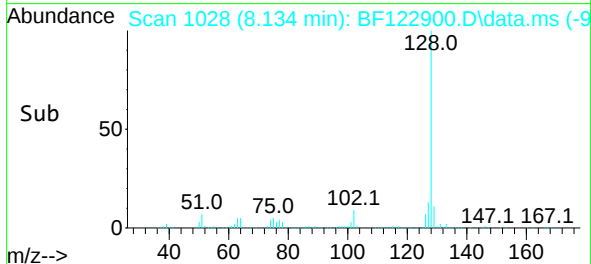
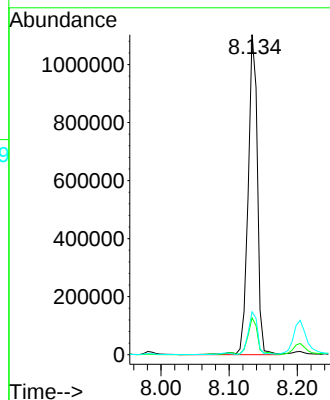
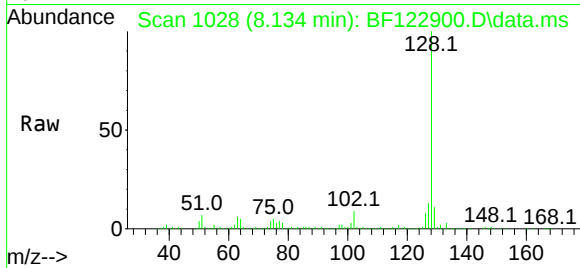




#31
Naphthalene
Concen: 42.84 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

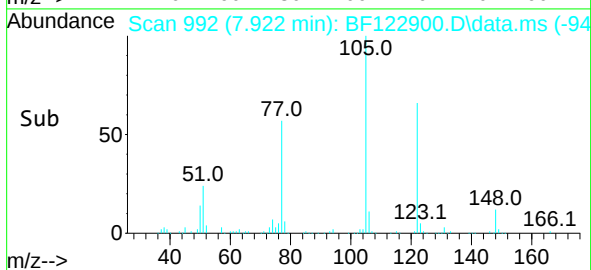
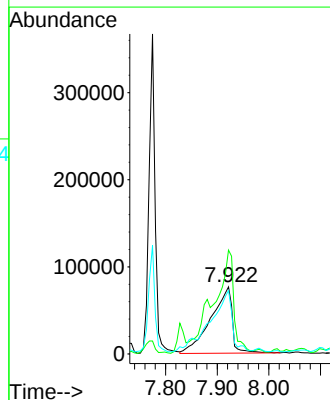
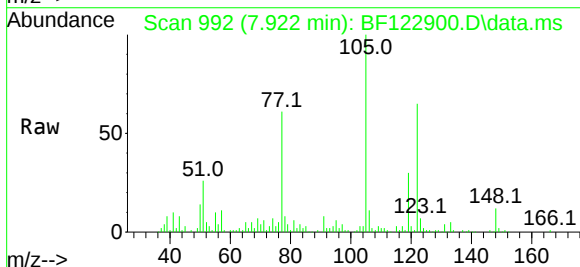
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

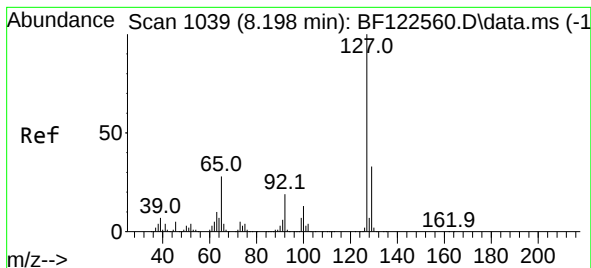
Tgt Ion:128 Resp: 1043810
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 44.06 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:122 Resp: 219991
Ion Ratio Lower Upper
122 100
105 154.8 104.8 144.8#
77 94.8 71.0 111.0

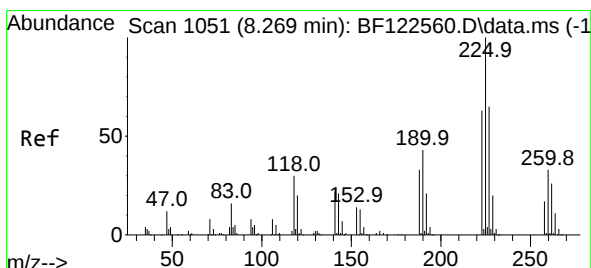
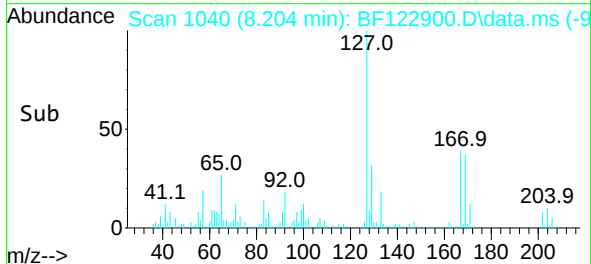
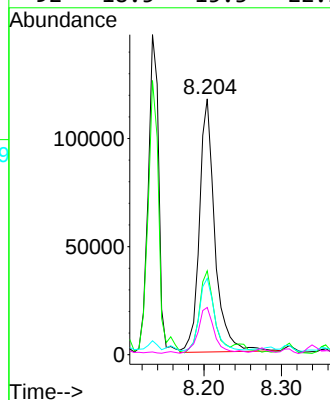
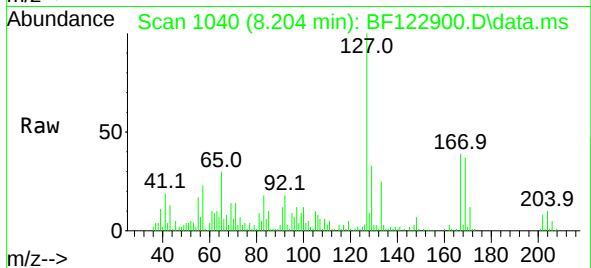




#33
4-Chloroaniline
Concen: 15.94 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.018 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

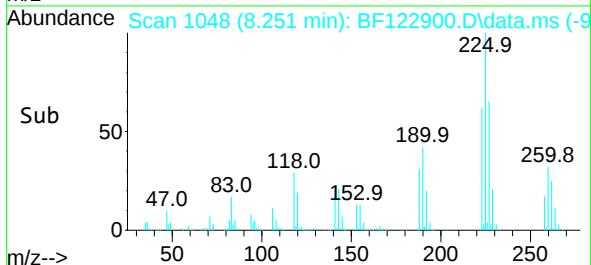
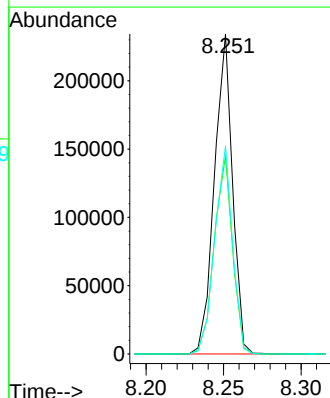
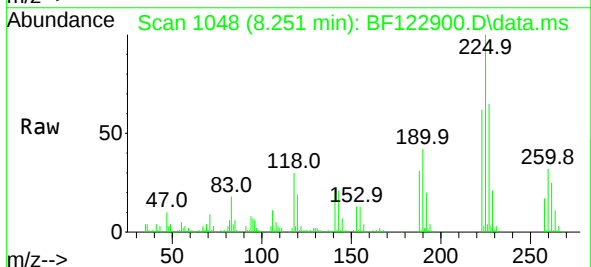
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

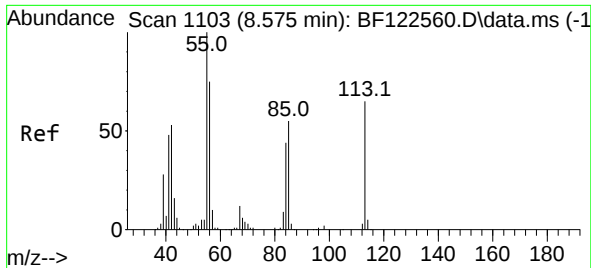
Tgt Ion:	127	Resp:	162381
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	29.8	22.2	33.2
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:	225	Resp:	189792
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	65.1	51.7	77.5

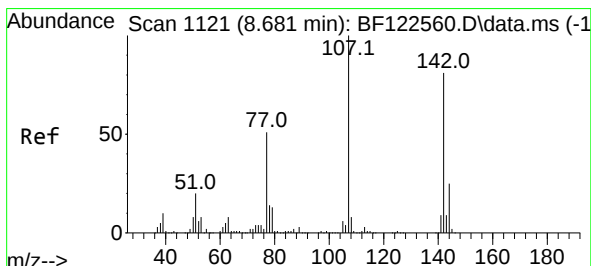
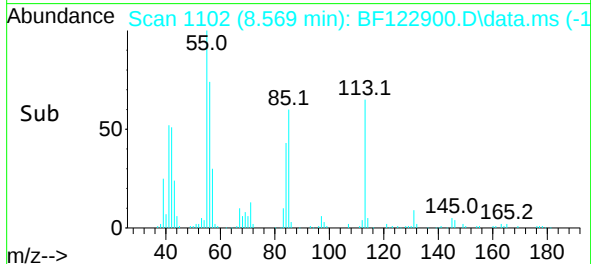
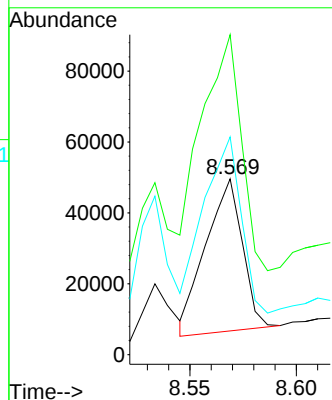
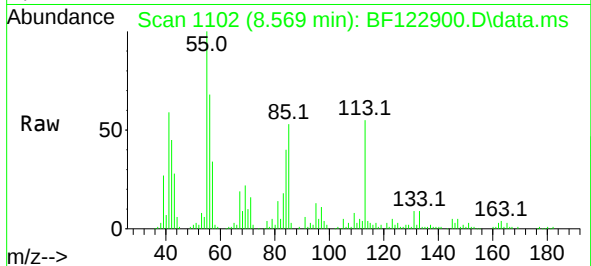




#35
 Caprolactam
 Concen: 23.53 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.012 min
 Lab File: BF122900.D
 Acq: 31 Dec 2020 17:19

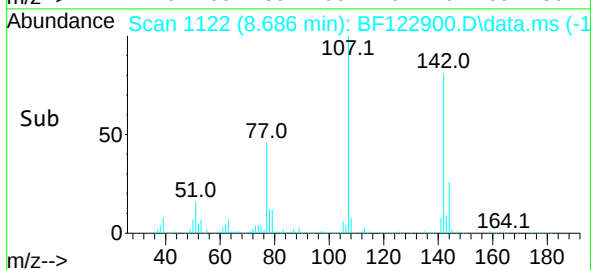
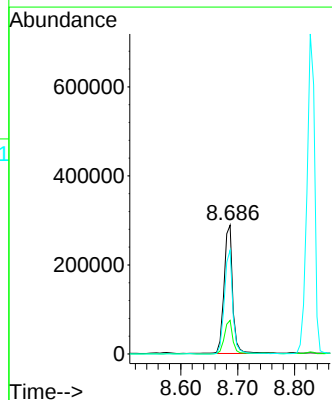
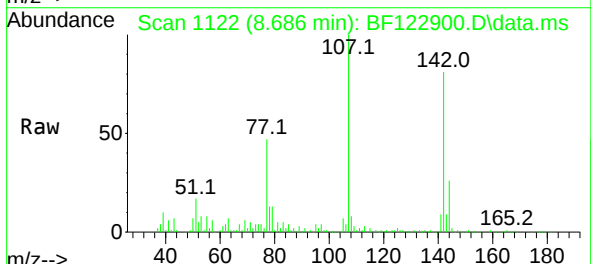
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MSD

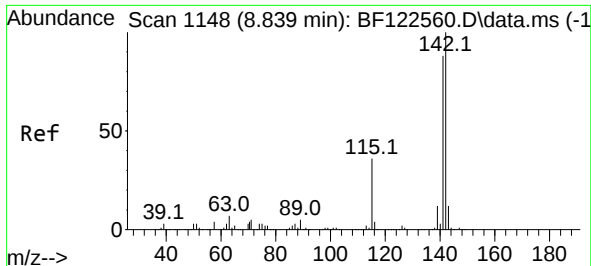
Tgt Ion:113 Resp: 51869
 Ion Ratio Lower Upper
 113 100
 55 181.9 133.7 173.7#
 56 123.8 95.3 135.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.26 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF122900.D
 Acq: 31 Dec 2020 17:19

Tgt Ion:107 Resp: 304650
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 80.7 64.4 96.6

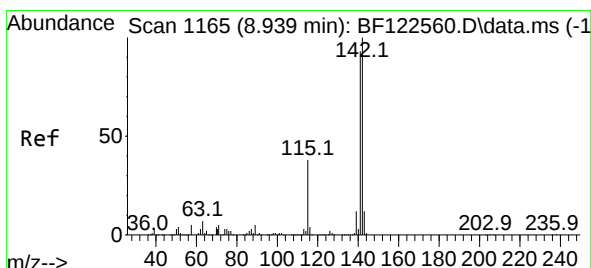
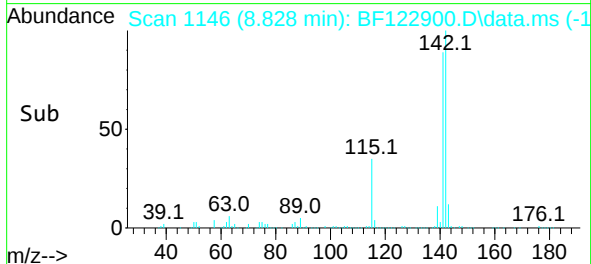
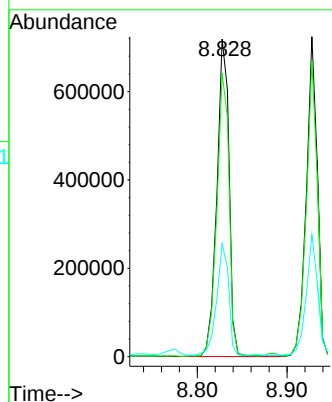
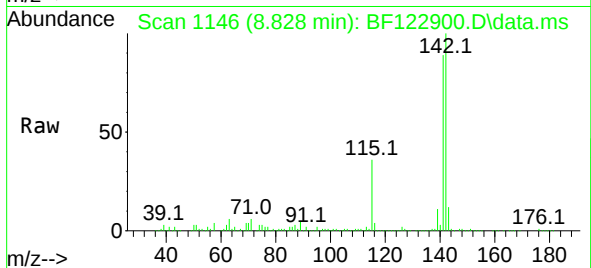




#37
2-Methylnaphthalene
Concen: 41.98 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

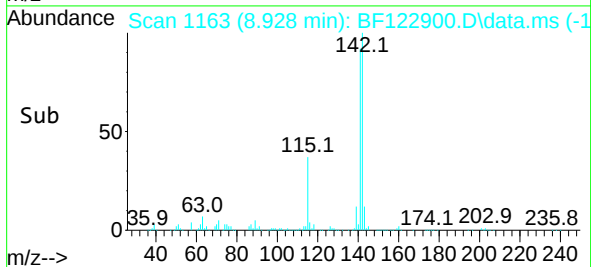
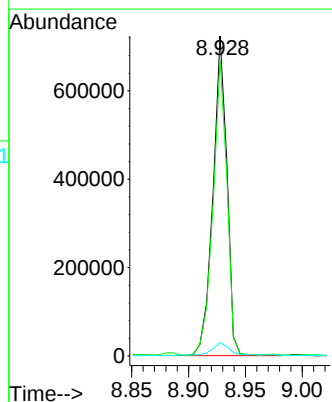
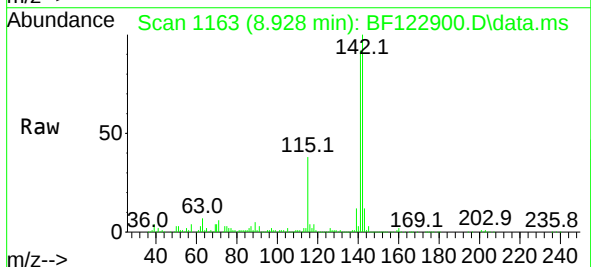
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

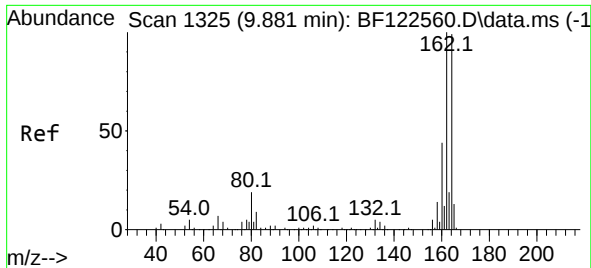
Tgt Ion:142 Resp: 676540
Ion Ratio Lower Upper
142 100
141 89.3 70.6 106.0
115 35.6 28.7 43.1



#38
1-Methylnaphthalene
Concen: 40.32 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

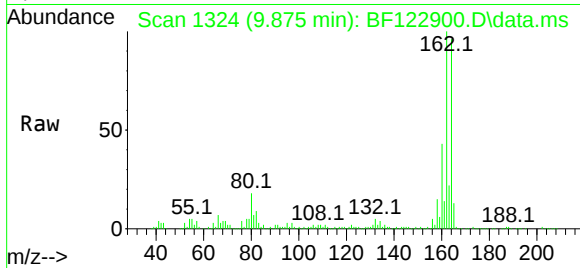
Tgt Ion:142 Resp: 614695
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7
116 4.2 3.2 4.8





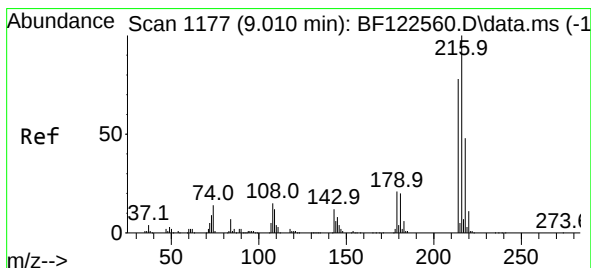
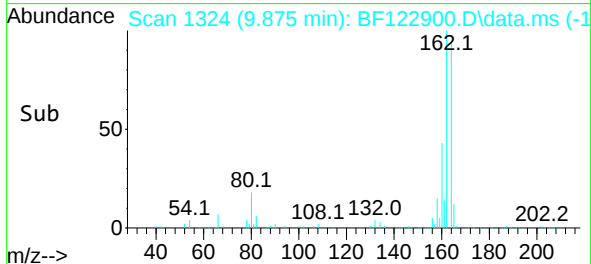
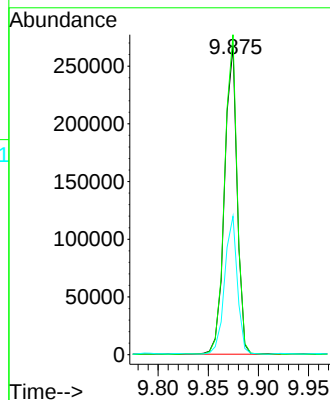
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

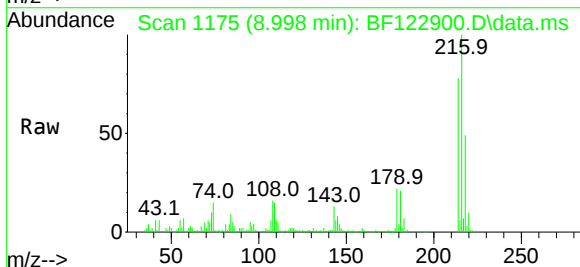


Tgt Ion:164 Resp: 232708

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.8	121.2
160	44.9	35.4	53.0

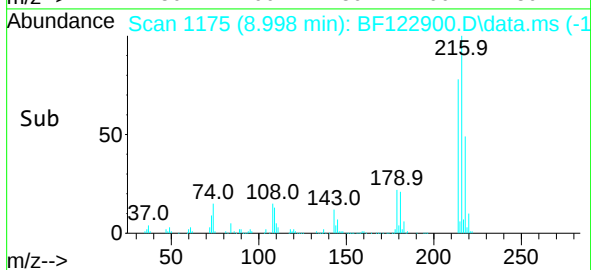
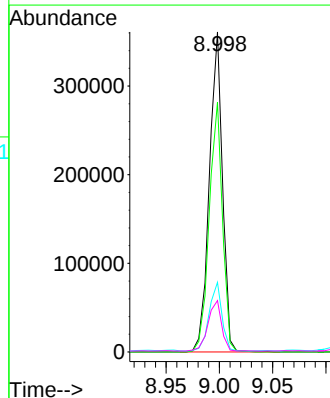


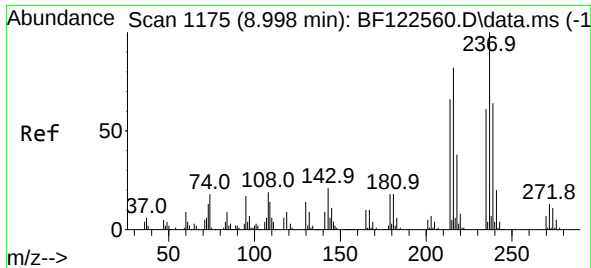
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.23 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19



Tgt Ion:216 Resp: 310079

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	20.8	17.1	25.7
108	16.5	14.6	21.8

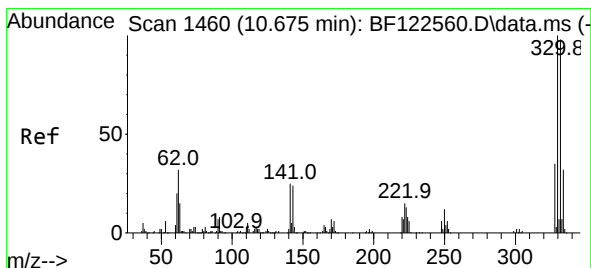
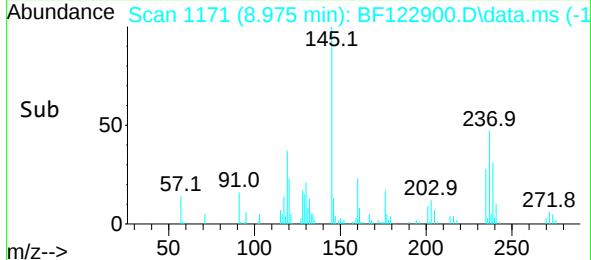
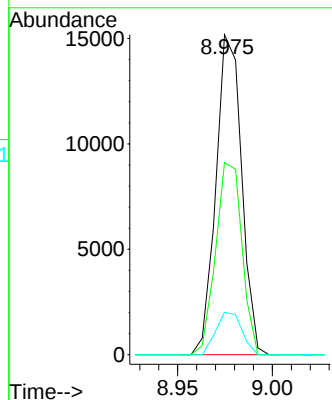
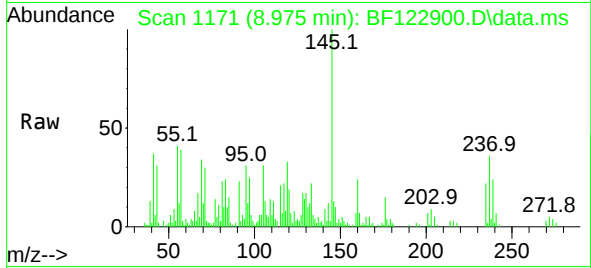




#41
Hexachlorocyclopentadiene
Concen: 4.20 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

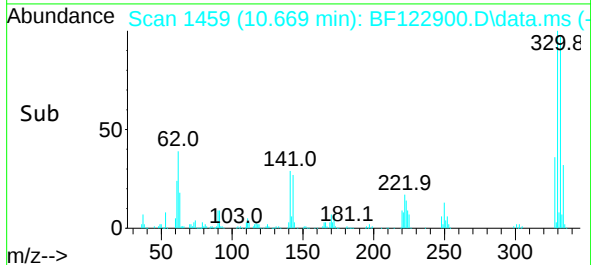
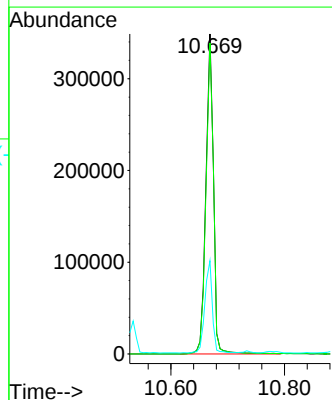
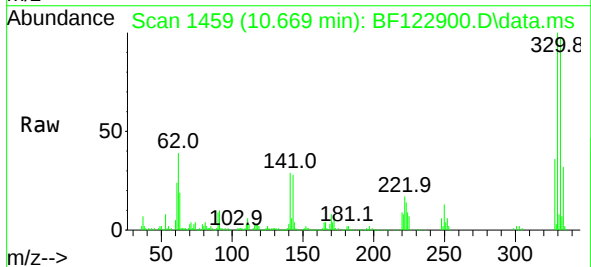
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

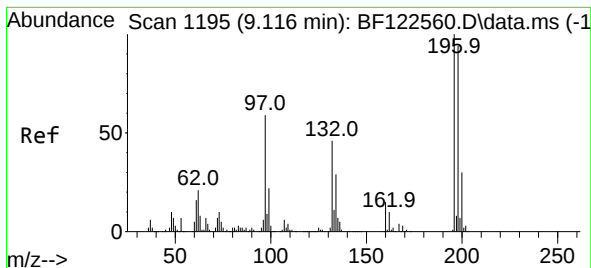
Tgt Ion:237	Resp:	14326
Ion Ratio	Lower	Upper
237	100	
235	60.0	40.9 80.9
272	13.3	0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 105.68 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:330	Resp:	321896
Ion Ratio	Lower	Upper
330	100	
332	97.1	77.5 116.3
141	28.5	23.8 35.8





#43

2,4,6-Trichlorophenol

Concen: 39.23 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

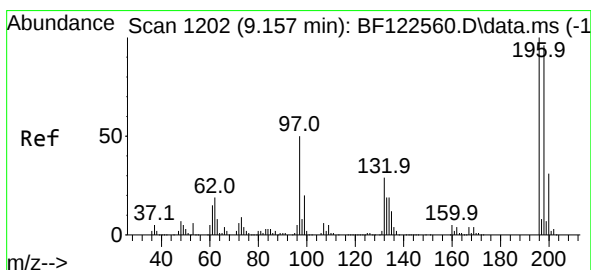
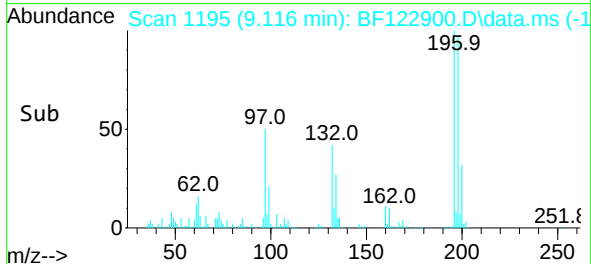
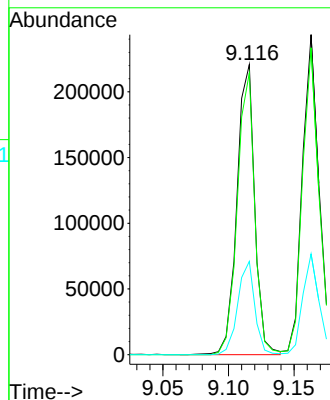
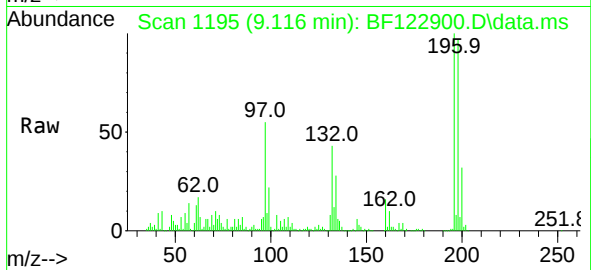
Tgt Ion:196 Resp: 208825

Ion Ratio Lower Upper

196 100

198 97.2 75.1 112.7

200 32.1 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 39.94 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:196 Resp: 219757

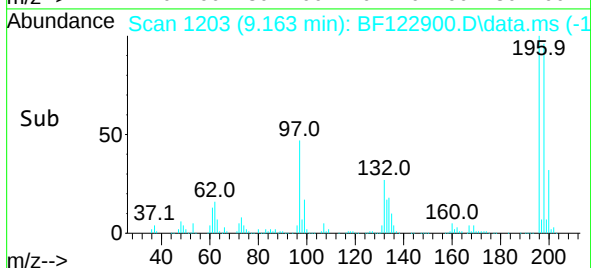
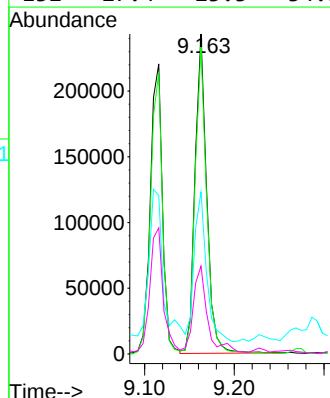
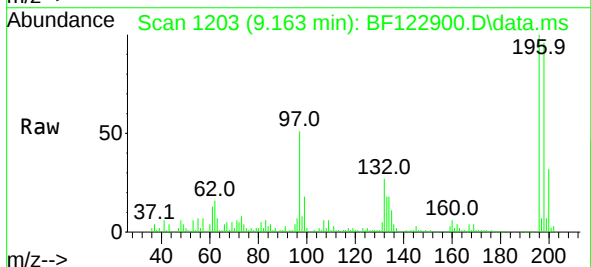
Ion Ratio Lower Upper

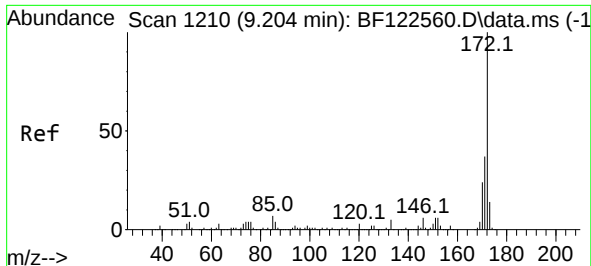
196 100

198 95.9 76.5 114.7

97 50.6 40.1 60.1

132 27.4 23.3 34.9

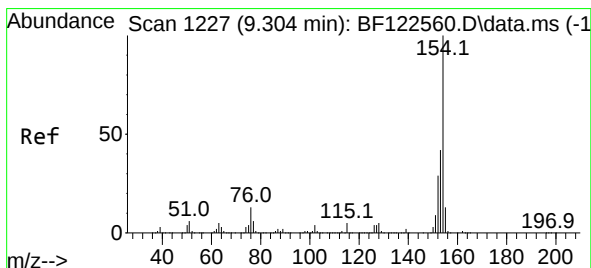
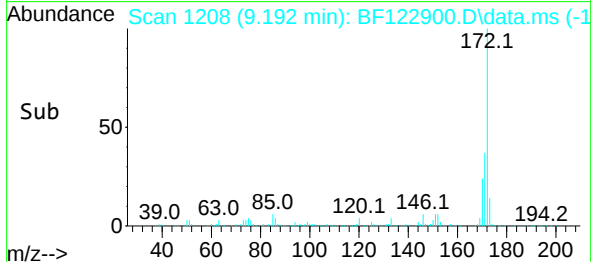
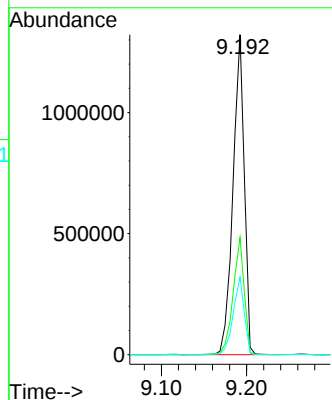
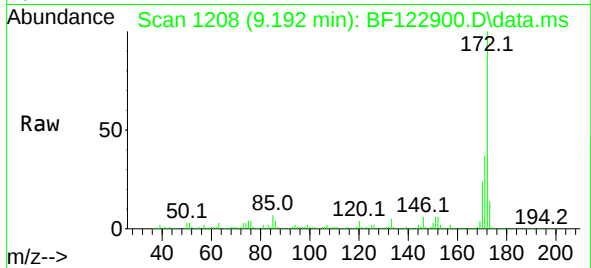




#45
2-Fluorobiphenyl
Concen: 71.26 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

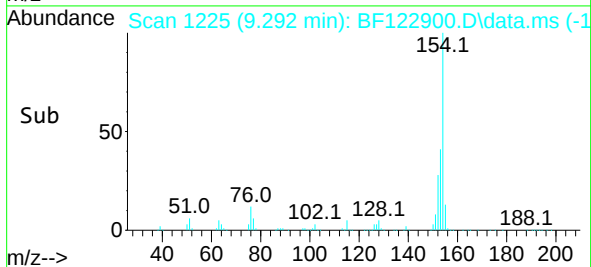
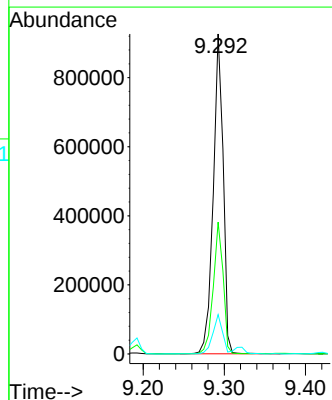
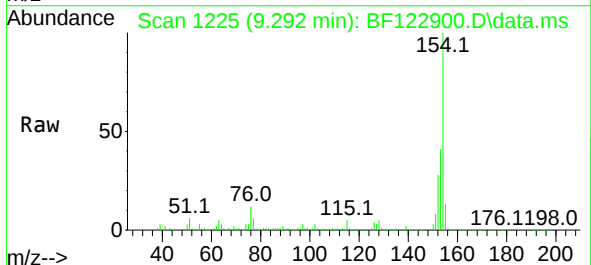
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

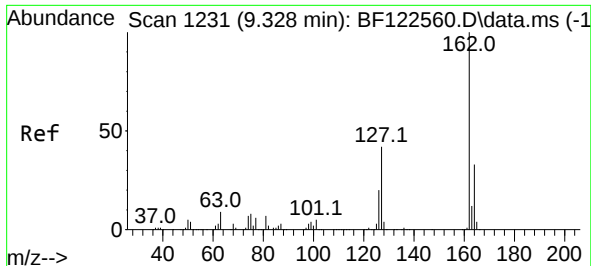
Tgt Ion:172 Resp: 1226012
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 40.64 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:154 Resp: 784843
Ion Ratio Lower Upper
154 100
153 41.2 21.8 61.8
76 12.3 0.0 33.4

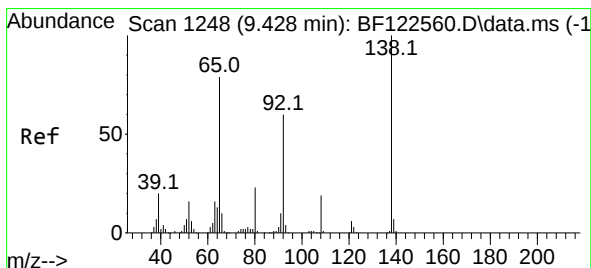
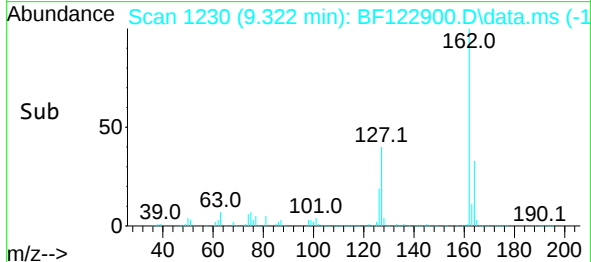
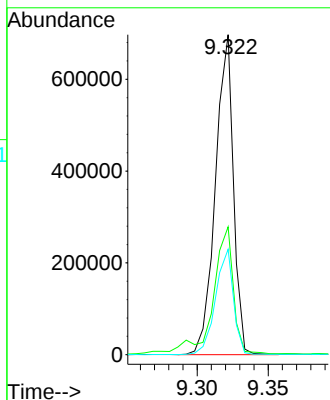
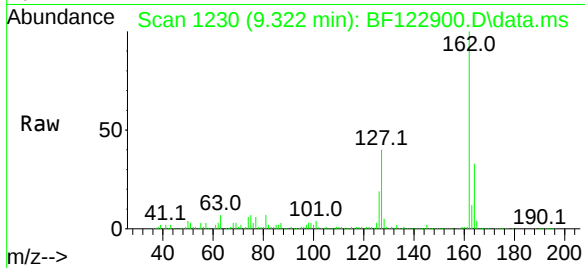




#47
2-Chloronaphthalene
Concen: 38.32 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

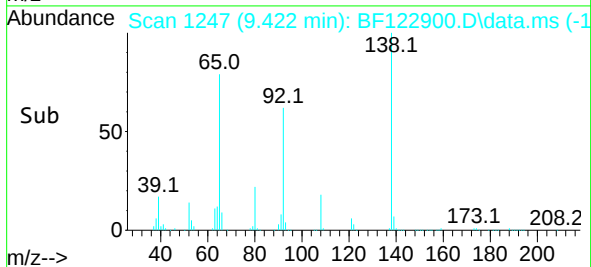
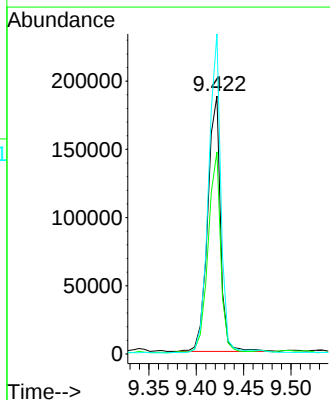
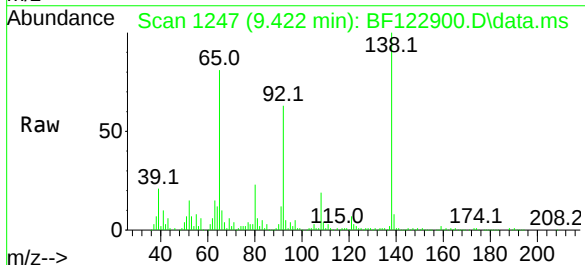
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

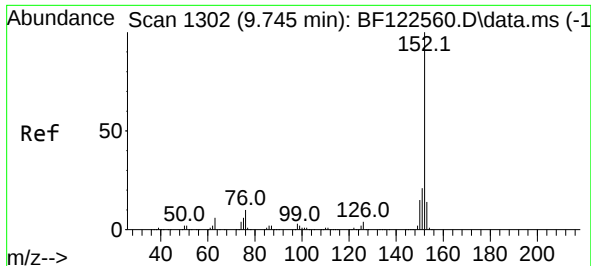
Tgt Ion:162 Resp: 613187
Ion Ratio Lower Upper
162 100
127 40.0 33.8 50.8
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 37.68 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion: 65 Resp: 175762
Ion Ratio Lower Upper
65 100
92 78.4 60.0 90.0
138 124.1 100.6 151.0

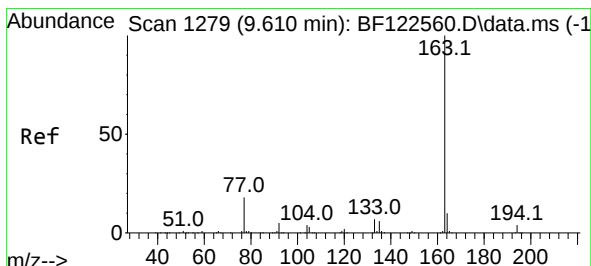
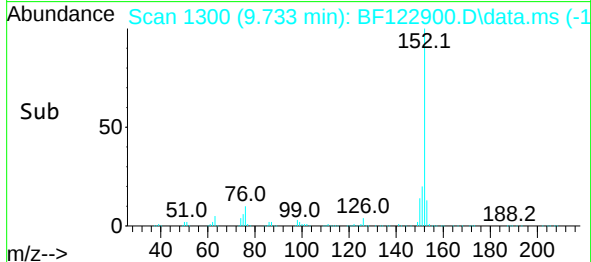
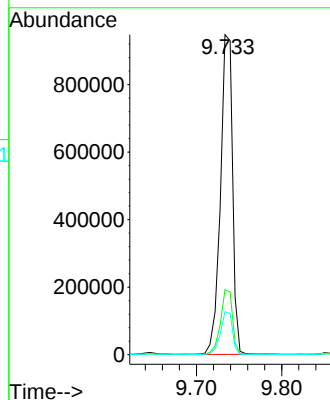
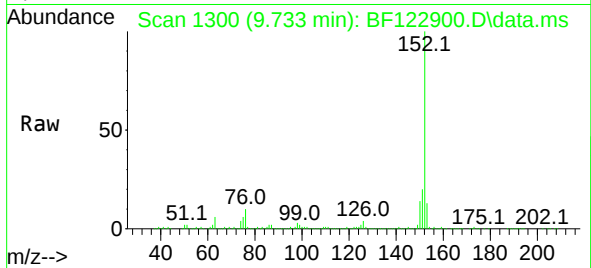




#49
Acenaphthylene
Concen: 39.55 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

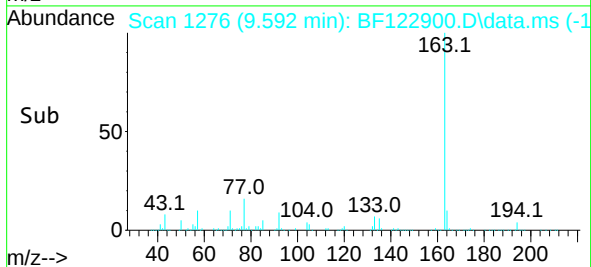
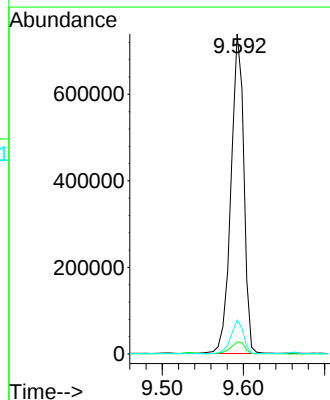
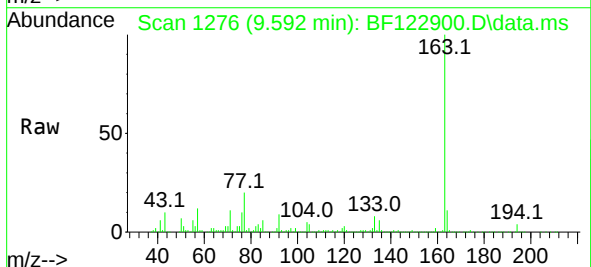
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

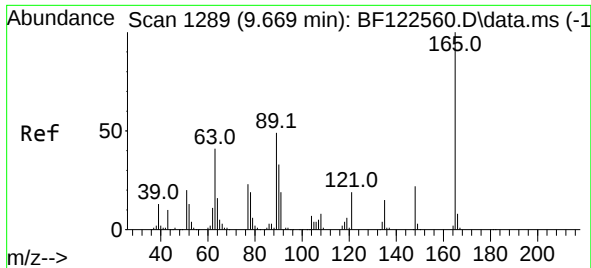
Tgt Ion:152 Resp: 934825
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 13.5 10.9 16.3



#50
Dimethylphthalate
Concen: 43.67 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:163 Resp: 811683
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.5 8.1 12.1

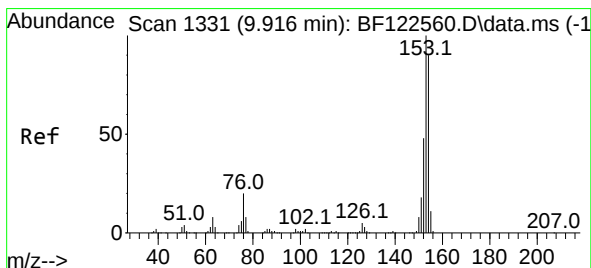
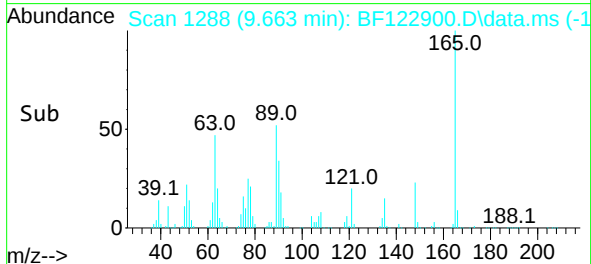
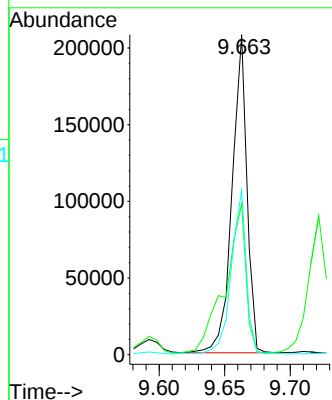
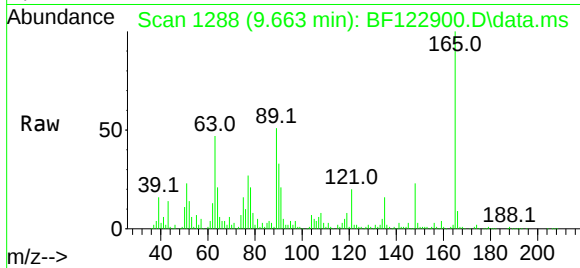




#51
2,6-Dinitrotoluene
Concen: 41.76 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

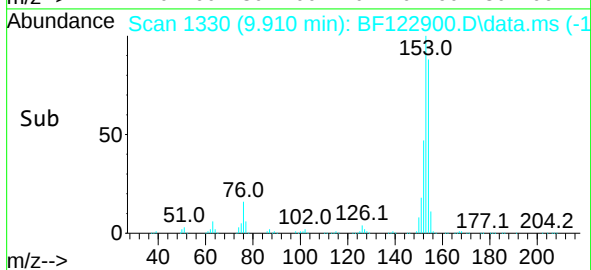
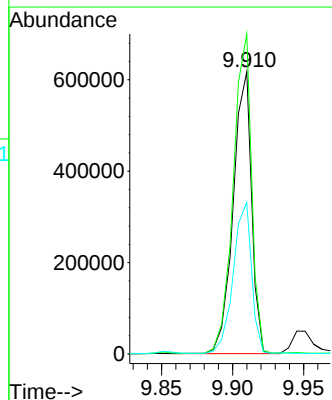
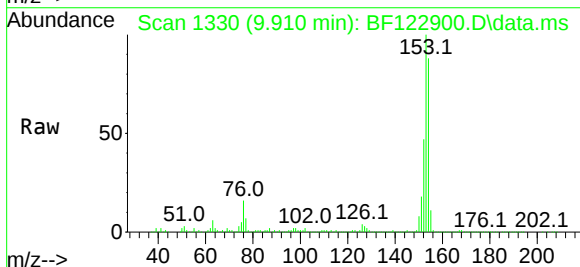
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

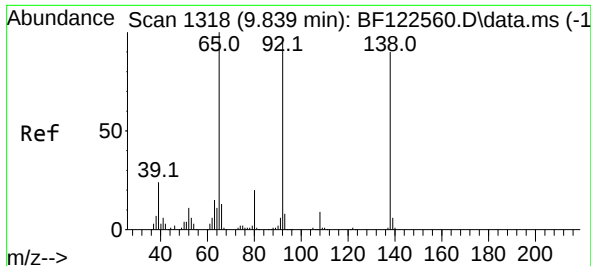
Tgt Ion:165 Resp: 163911
Ion Ratio Lower Upper
165 100
63 47.1 36.6 55.0
89 51.4 39.4 59.0



#52
Acenaphthene
Concen: 36.42 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:154 Resp: 556863
Ion Ratio Lower Upper
154 100
153 113.4 89.0 133.6
152 53.7 42.7 64.1

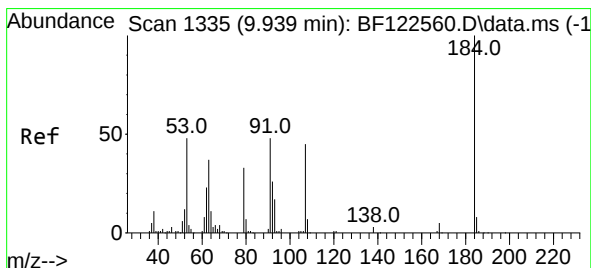
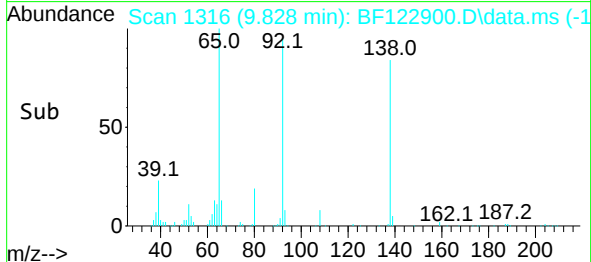
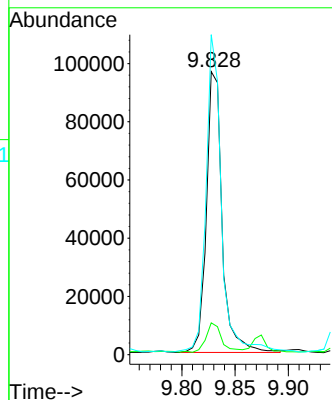
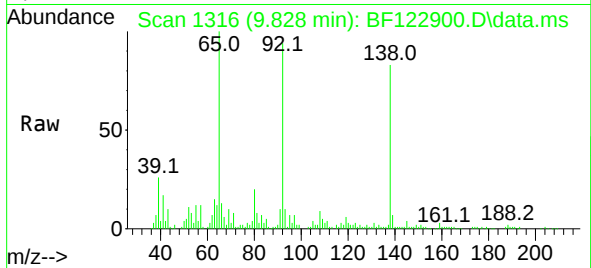




#53
3-Nitroaniline
Concen: 21.97 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

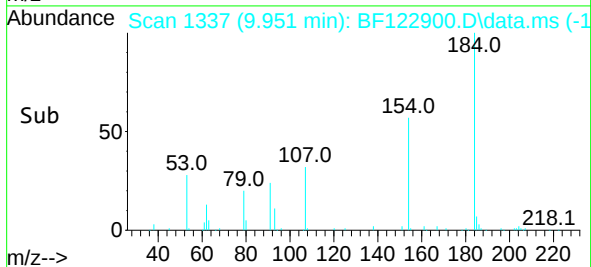
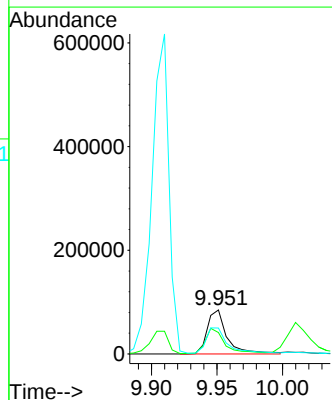
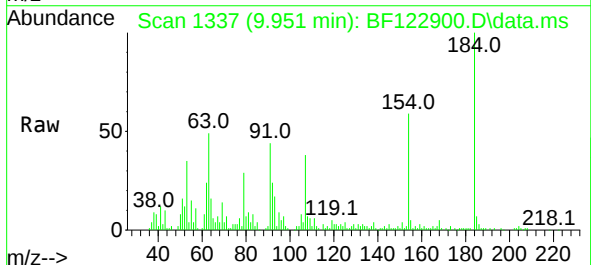
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

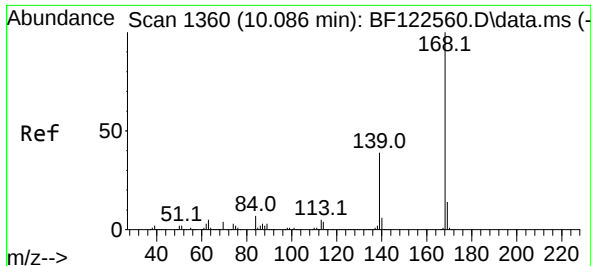
Tgt Ion:138 Resp: 99643
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.2
92 113.0 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 46.74 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:184 Resp: 89693
Ion Ratio Lower Upper
184 100
63 48.8 51.4 77.2#
154 58.7 49.7 74.5

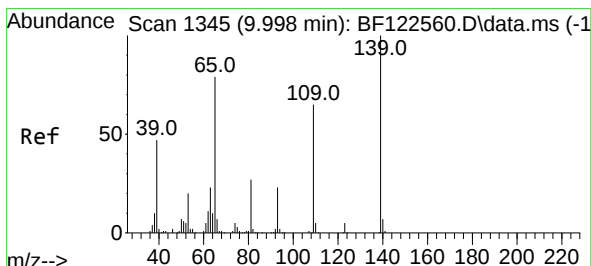
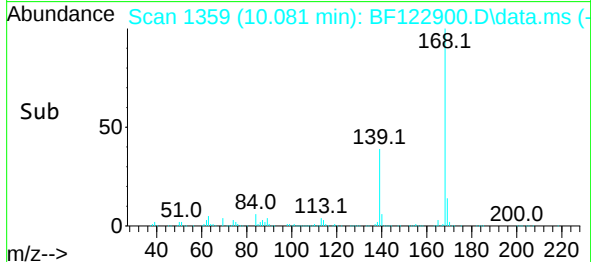
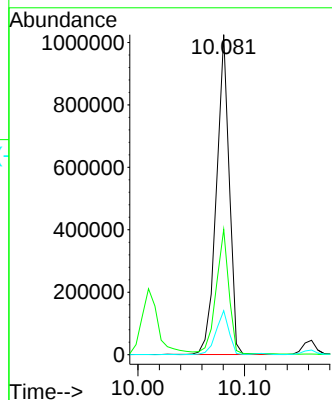
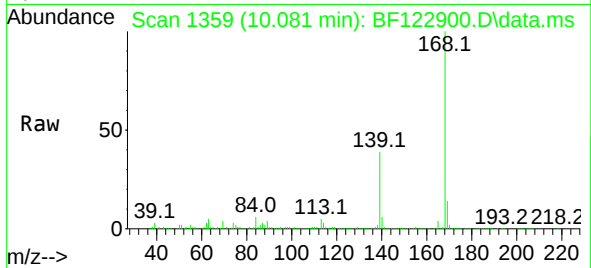




#55
Dibenzenofuran
Concen: 39.60 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

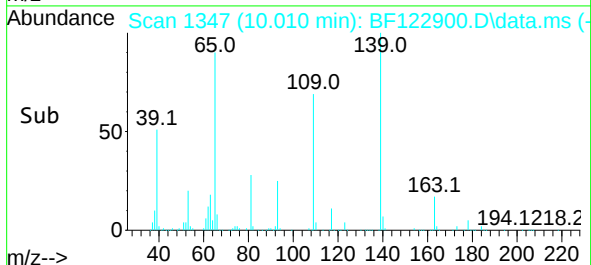
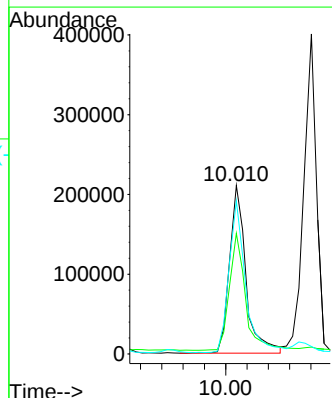
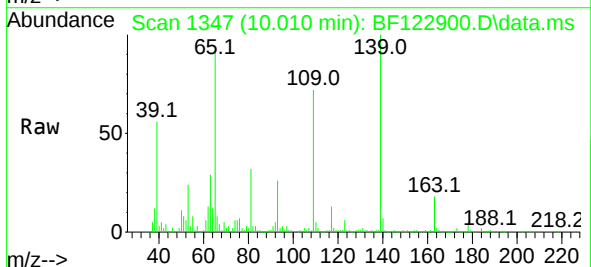
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

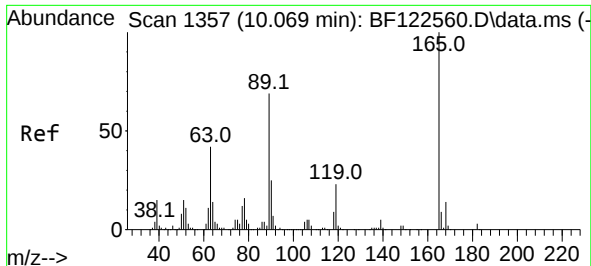
Tgt Ion:168 Resp: 851694
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 70.06 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:139 Resp: 226583
Ion Ratio Lower Upper
139 100
109 71.5 45.1 85.1
65 90.9 59.2 99.2

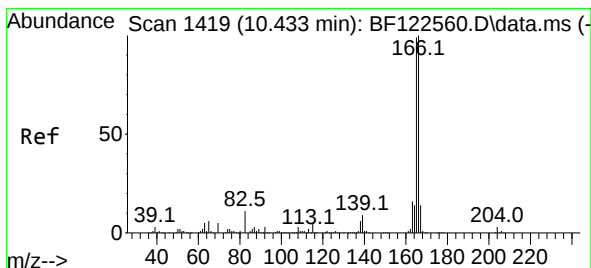
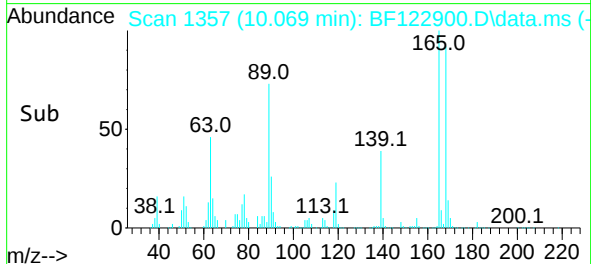
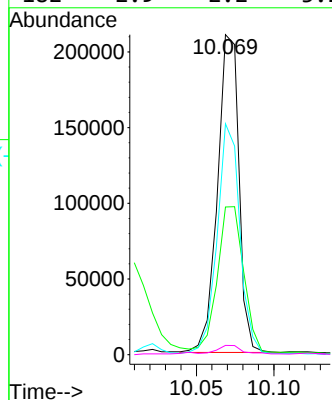
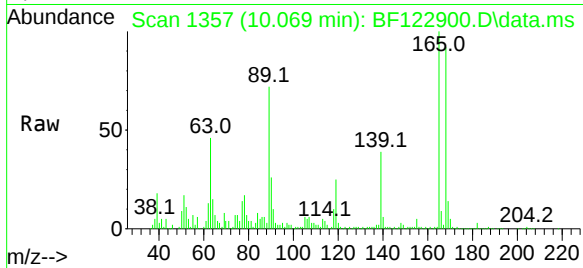




#57
2,4-Dinitrotoluene
Concen: 38.73 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

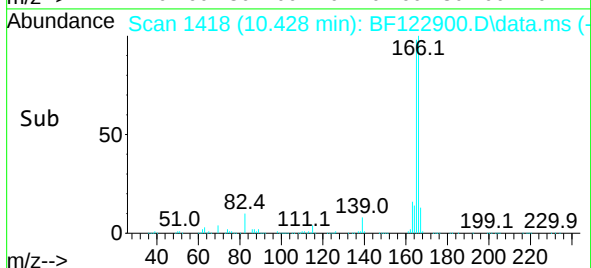
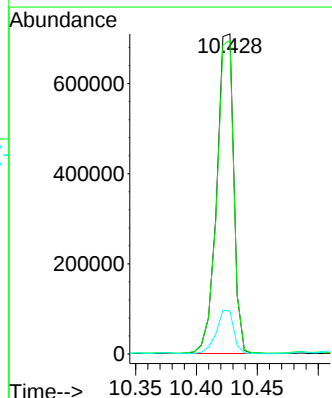
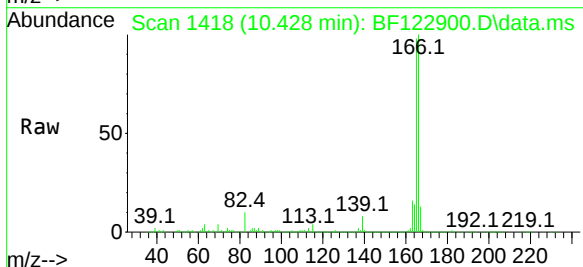
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

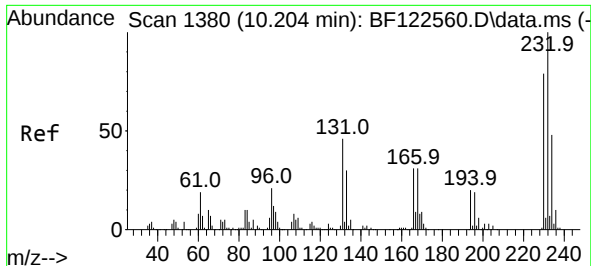
Tgt Ion:165	Resp:	202499
Ion Ratio	Lower	Upper
165	100	
63	46.2	34.3 51.5
89	72.2	55.2 82.8
182	2.9	2.2 3.2



#58
Fluorene
Concen: 40.29 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:166	Resp:	689351
Ion Ratio	Lower	Upper
166	100	
165	98.0	79.4 119.0
167	13.4	10.9 16.3

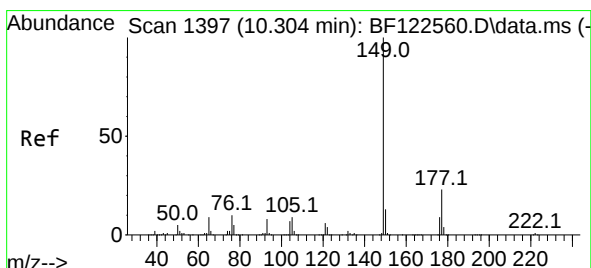
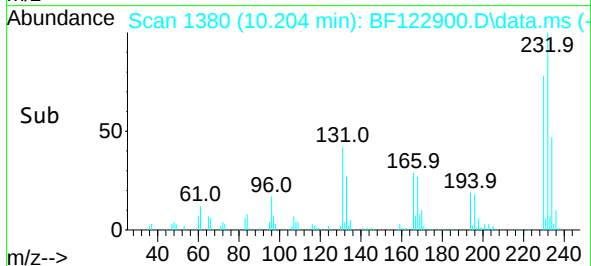
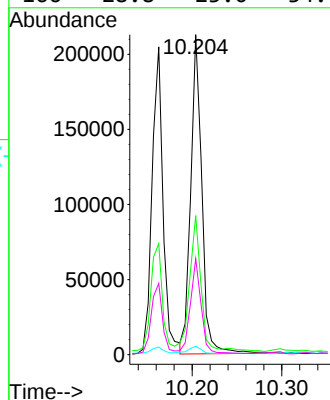
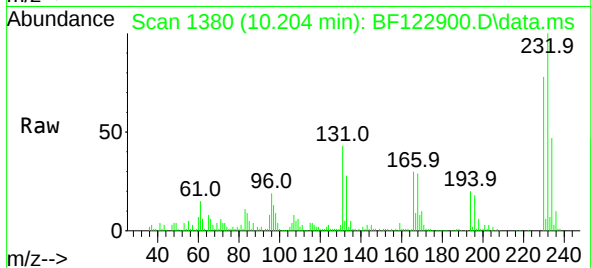




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.95 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

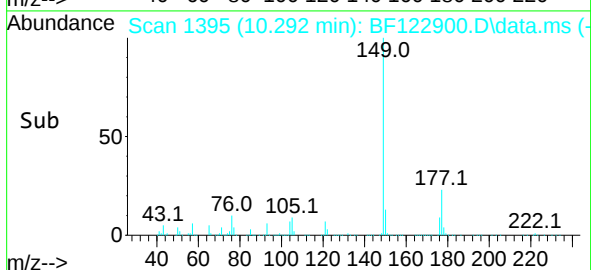
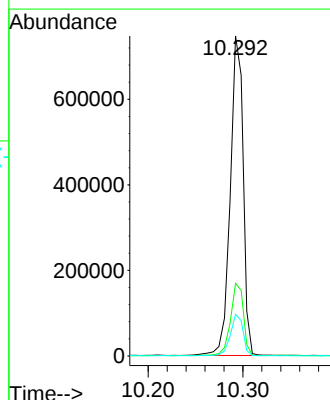
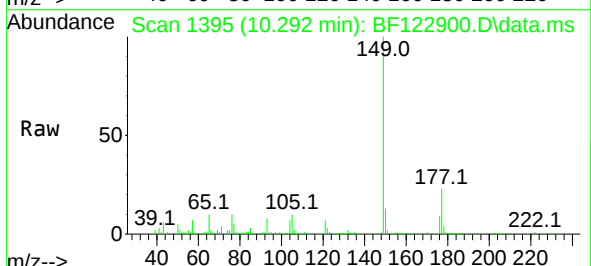
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

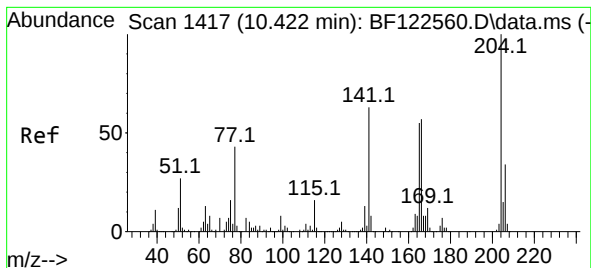
Tgt Ion:232 Resp: 183454
Ion Ratio Lower Upper
232 100
131 41.1 33.0 49.4
130 2.7 1.7 2.5#
166 28.8 23.0 34.4



#60
Diethylphthalate
Concen: 39.00 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:149 Resp: 705049
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 13.0 10.1 15.1

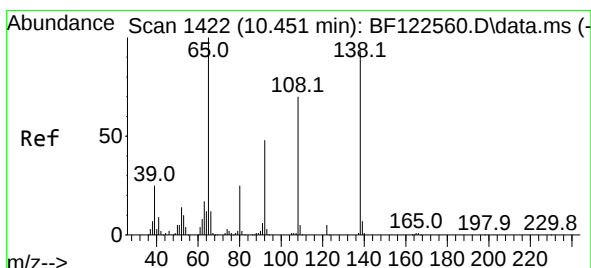
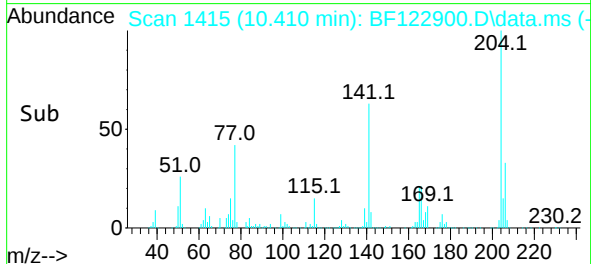
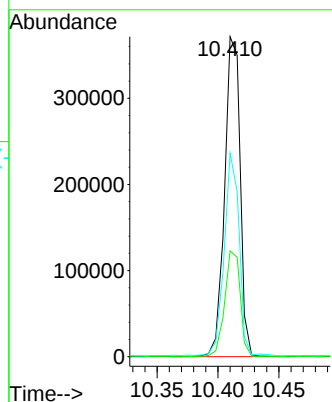
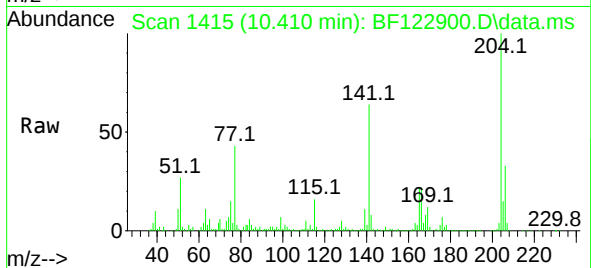




#61
4-Chlorophenyl-phenylether
Concen: 39.30 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

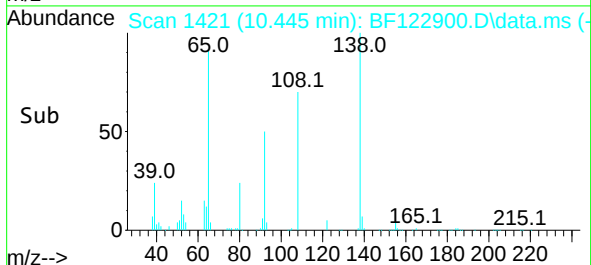
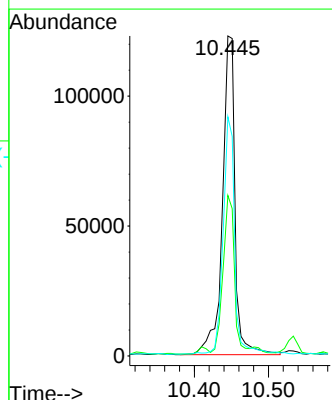
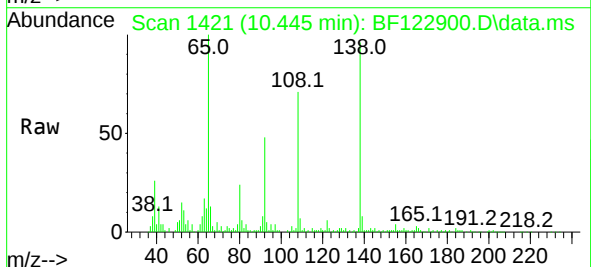
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

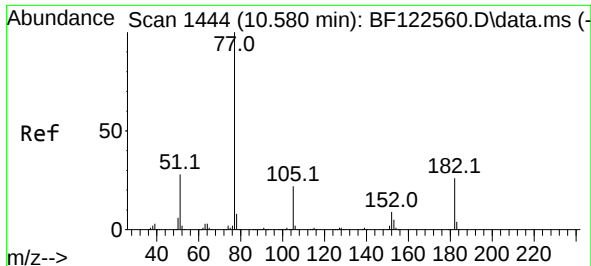
Tgt Ion:204 Resp: 331053
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 63.6 50.4 75.6



#62
4-Nitroaniline
Concen: 31.65 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:138 Resp: 145698
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 74.8 54.8 94.8

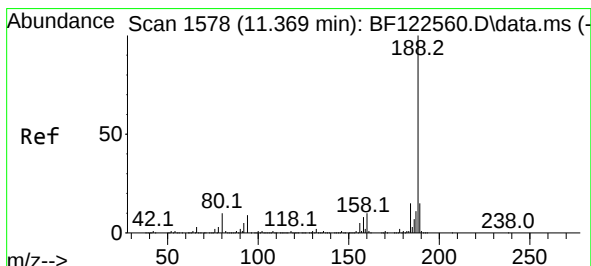
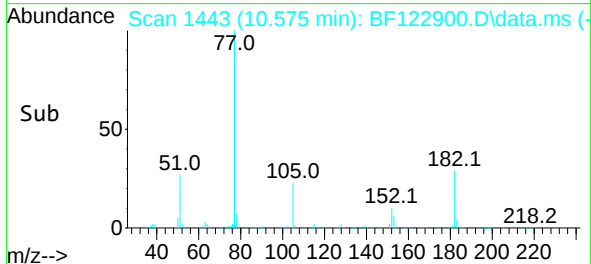
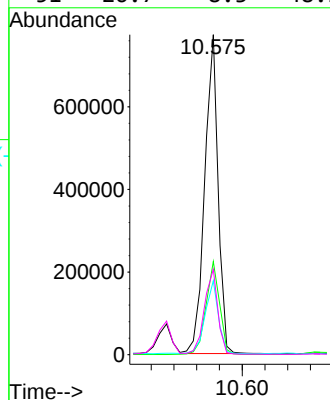
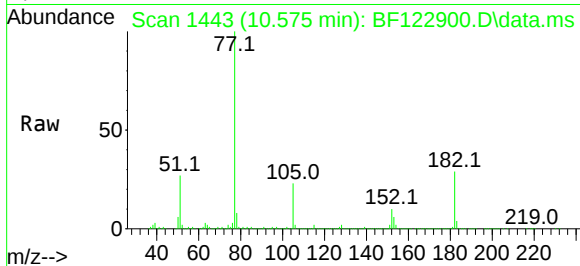




#63
Azobenzene
Concen: 37.77 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

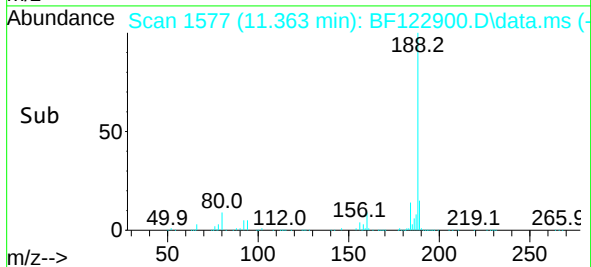
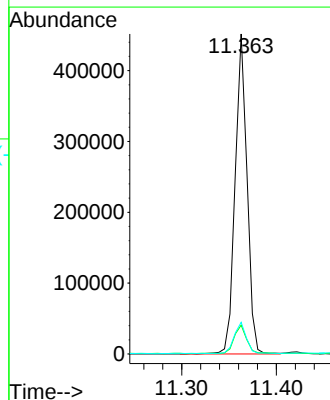
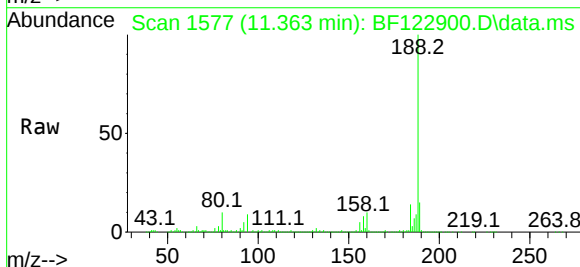
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

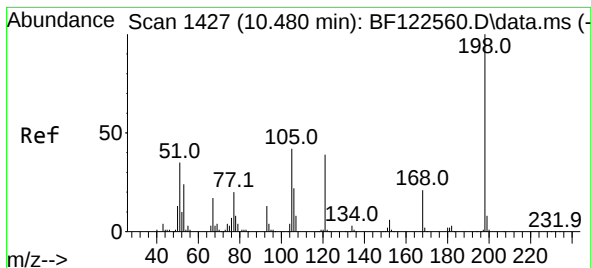
Tgt Ion: 77	Resp: 627560
Ion Ratio	Lower Upper
77 100	
182 29.1	5.6 45.6
105 23.1	1.8 41.8
51 26.7	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:188	Resp: 393779
Ion Ratio	Lower Upper
188 100	
94 9.0	7.4 11.2
80 9.9	8.2 12.4

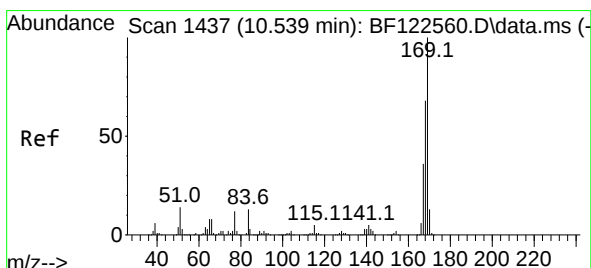
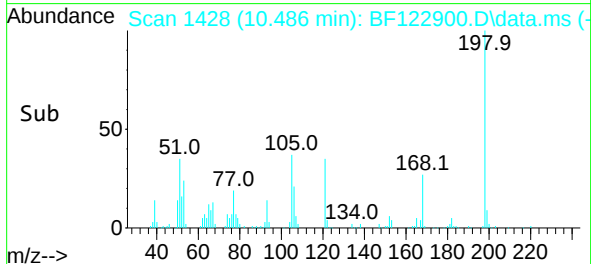
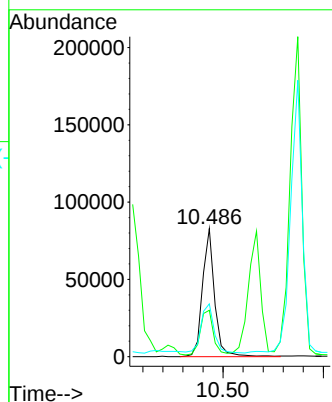
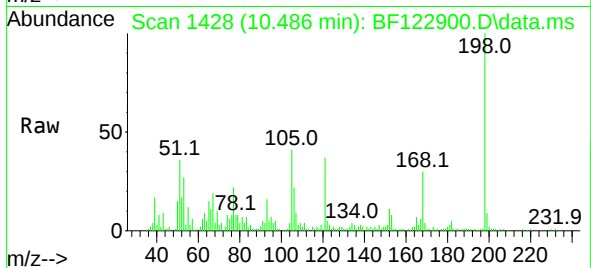




#65
4,6-Dinitro-2-methylphenol
Concen: 29.23 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

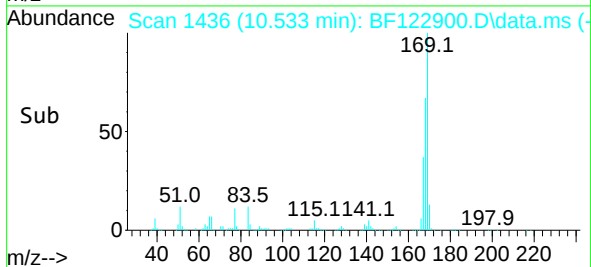
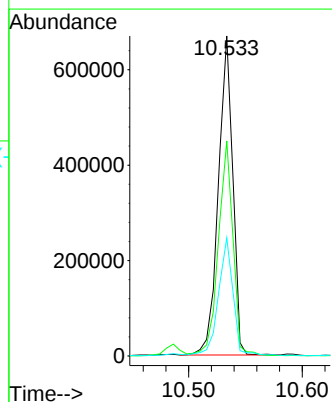
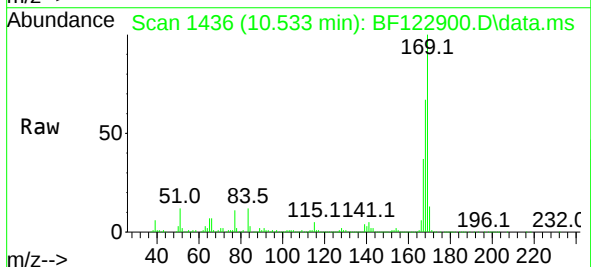
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

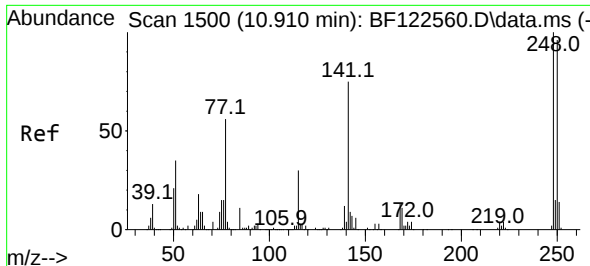
Tgt Ion:198 Resp: 70189
Ion Ratio Lower Upper
198 100
51 36.3 20.3 60.3
105 41.3 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.46 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:169 Resp: 590782
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 36.9 29.2 43.8

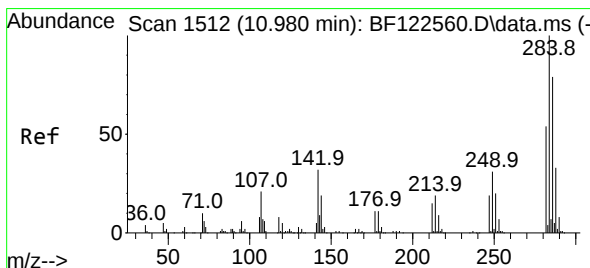
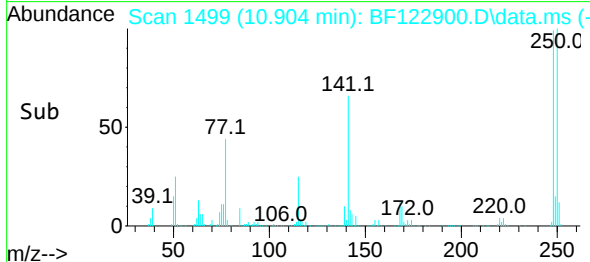
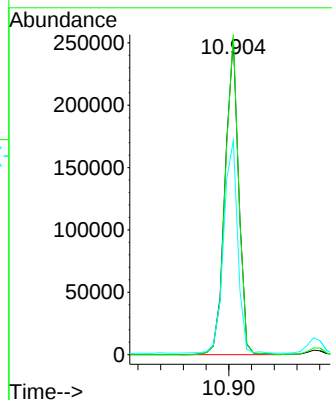
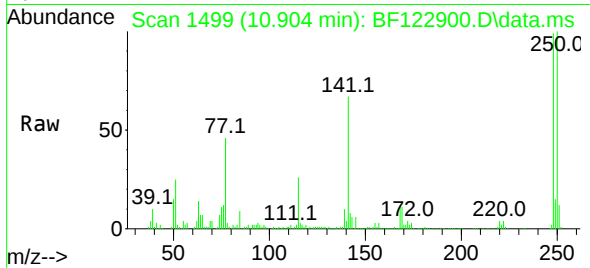




#67
4-Bromophenyl-phenylether
Concen: 39.66 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

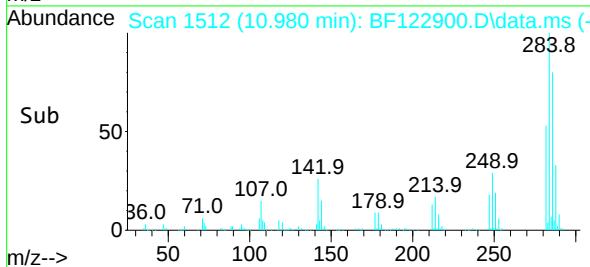
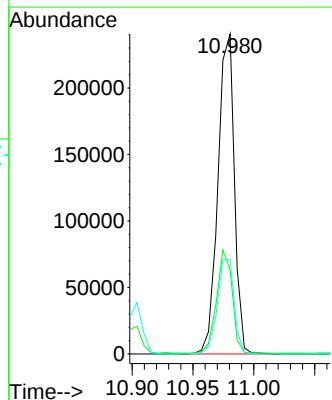
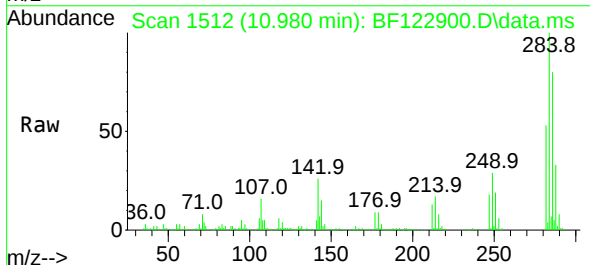
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

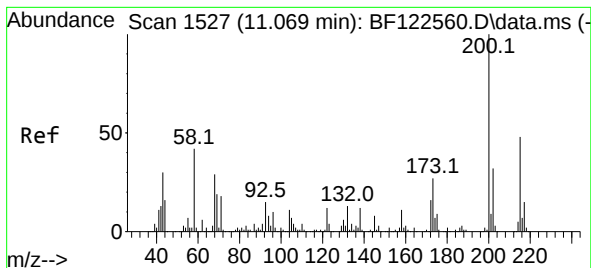
Tgt Ion:248 Resp: 211603
Ion Ratio Lower Upper
248 100
250 101.2 76.8 115.2
141 67.6 59.8 89.8



#68
Hexachlorobenzene
Concen: 38.38 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:284 Resp: 226415
Ion Ratio Lower Upper
284 100
142 26.2 25.6 38.4
249 29.4 25.1 37.7





#69

Atrazine

Concen: 35.86 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:200 Resp: 162047

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

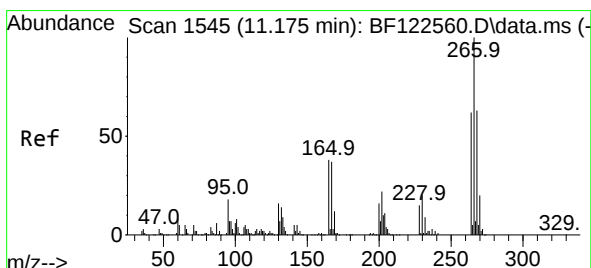
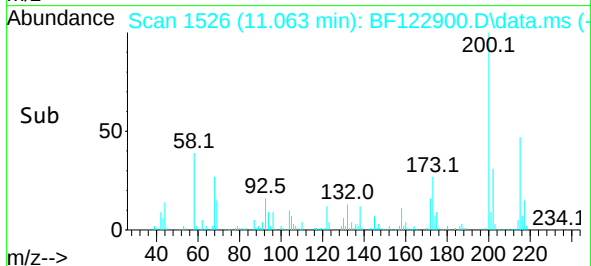
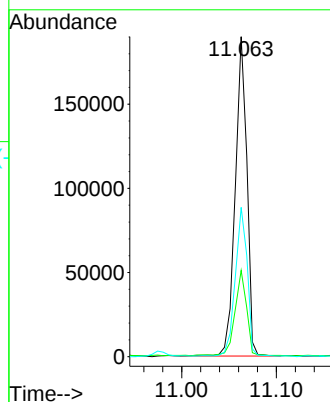
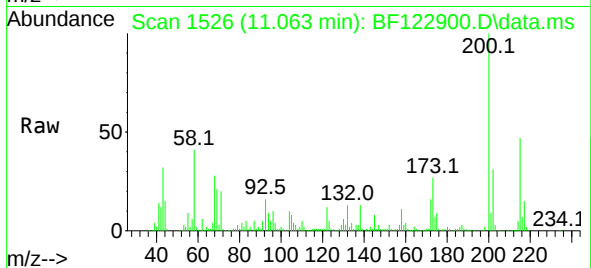
215 46.7 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MSD



#70

Pentachlorophenol

Concen: 73.86 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.000 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

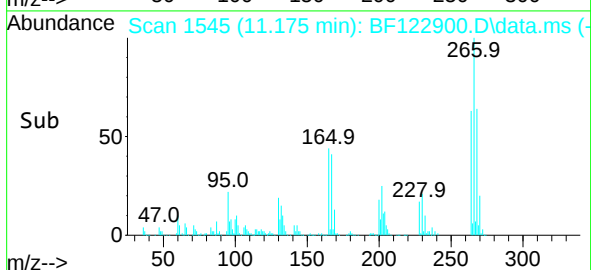
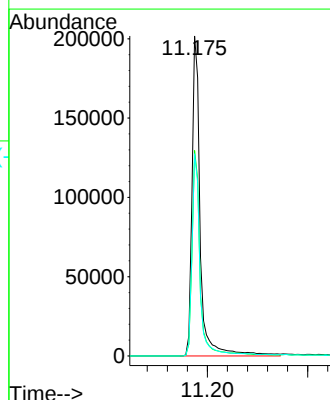
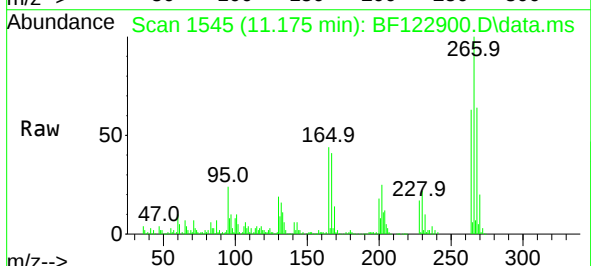
Tgt Ion:266 Resp: 230840

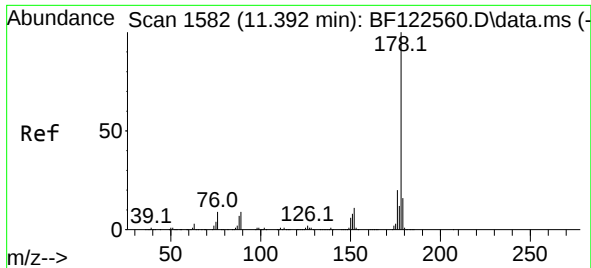
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.2 49.8 74.8

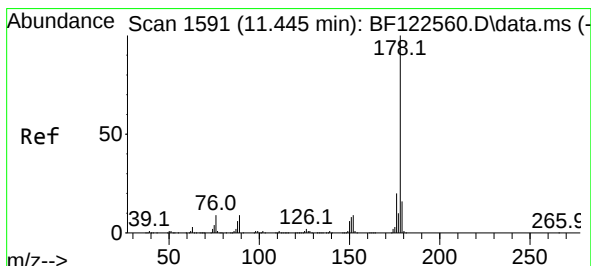
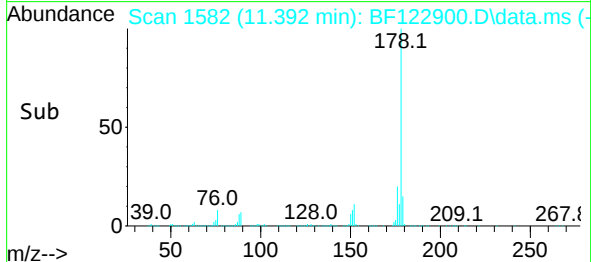
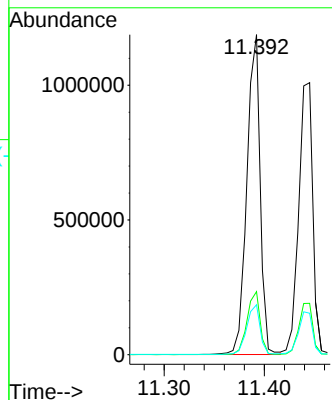
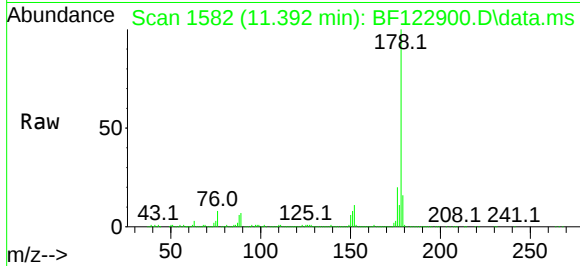




#71
Phenanthrene
Concen: 46.89 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

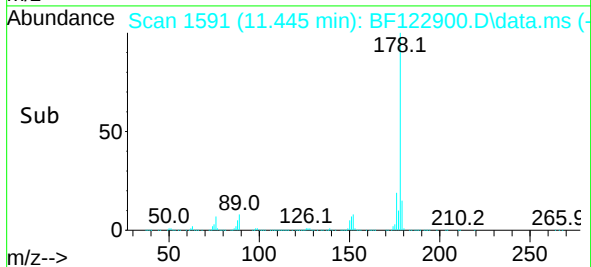
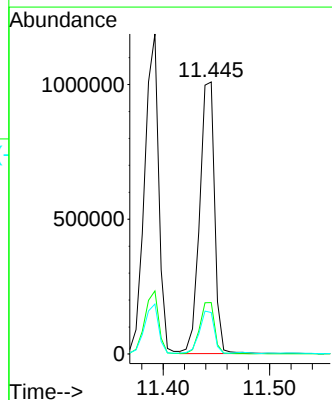
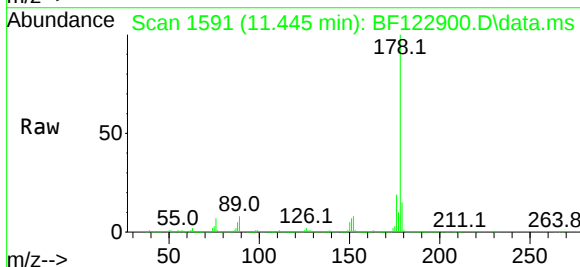
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

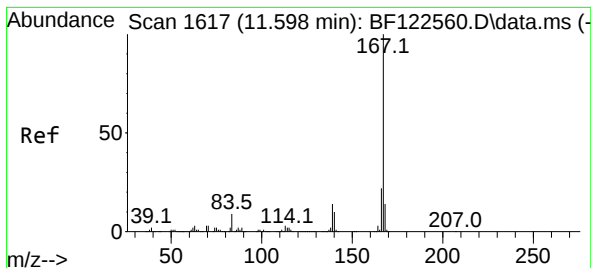
Tgt Ion:178 Resp: 1097351
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 15.6 12.7 19.1



#72
Anthracene
Concen: 42.41 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:178 Resp: 984240
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.2 12.8 19.2

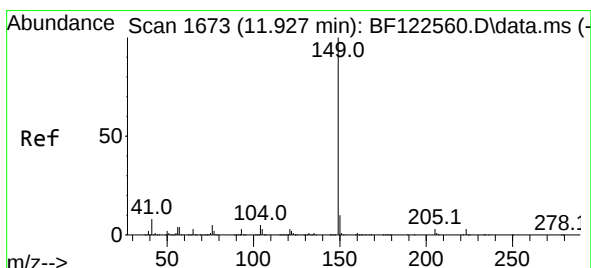
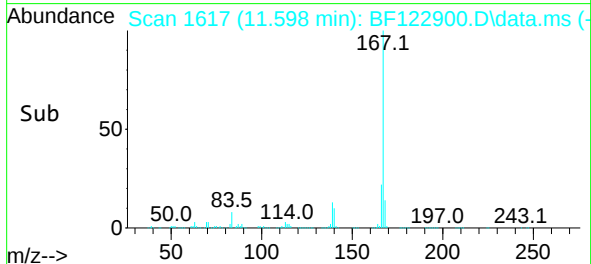
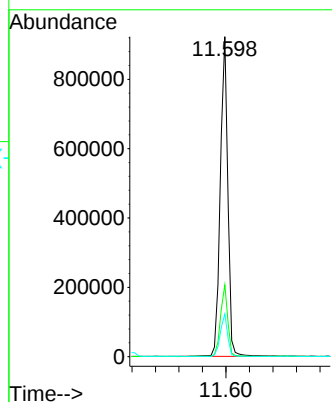
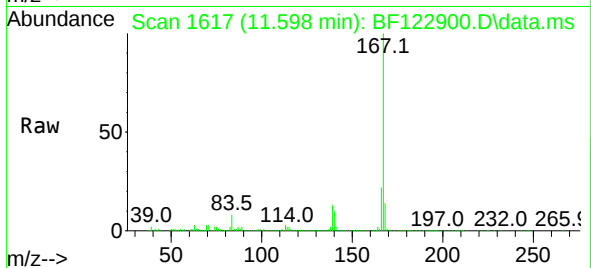




#73
 Carbazole
 Concen: 38.75 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF122900.D
 Acq: 31 Dec 2020 17:19

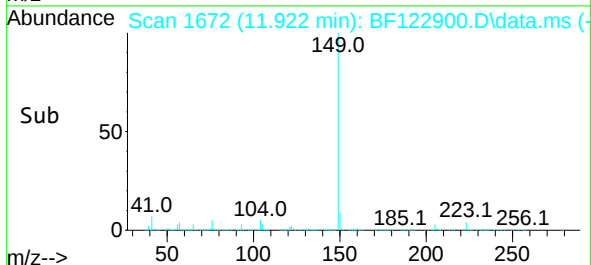
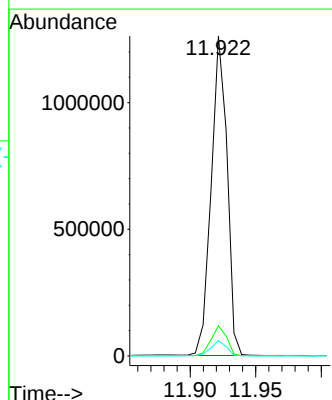
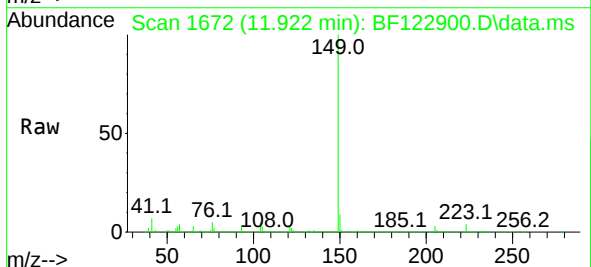
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020MSD

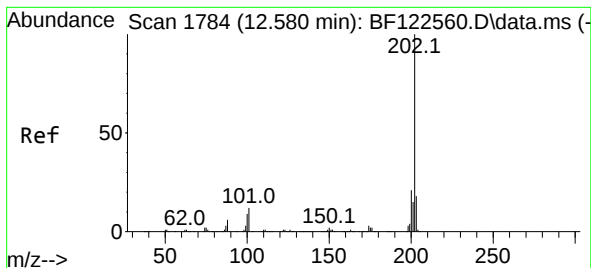
Tgt Ion:	167	Resp:	815585
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.3	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 40.20 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF122900.D
 Acq: 31 Dec 2020 17:19

Tgt Ion:	149	Resp:	1063051
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	4.2	6.4

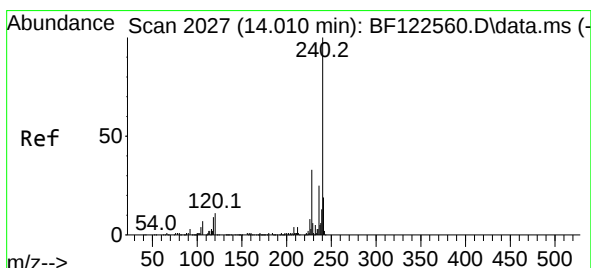
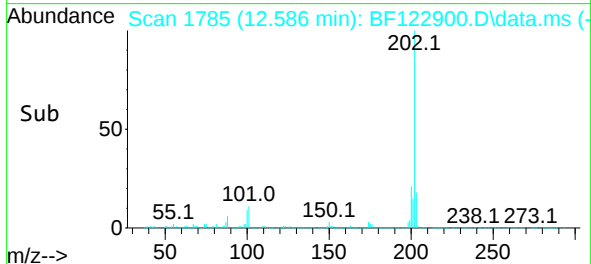
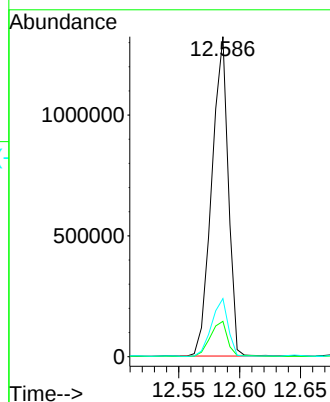
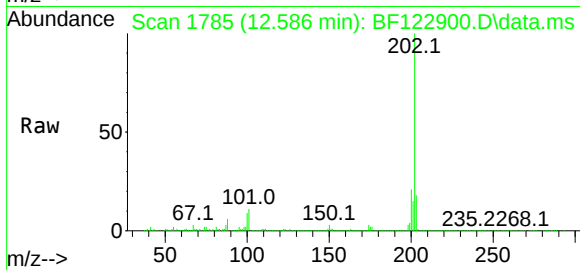




#75
Fluoranthene
Concen: 51.00 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

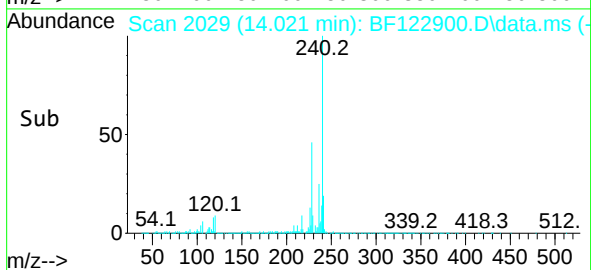
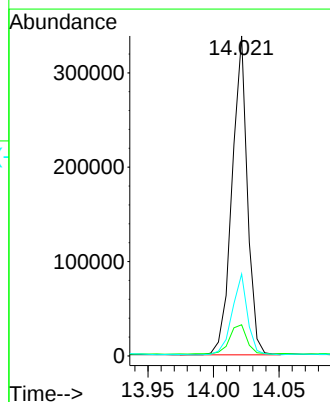
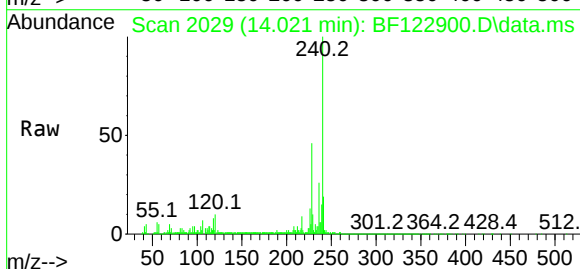
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

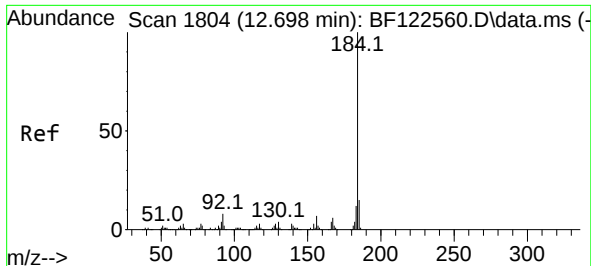
Tgt Ion:202 Resp: 1251524
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.2
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:240 Resp: 275349
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.6 20.3 30.5

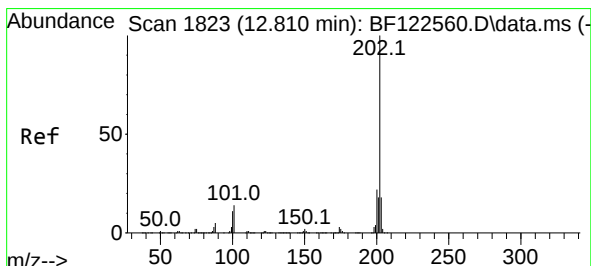
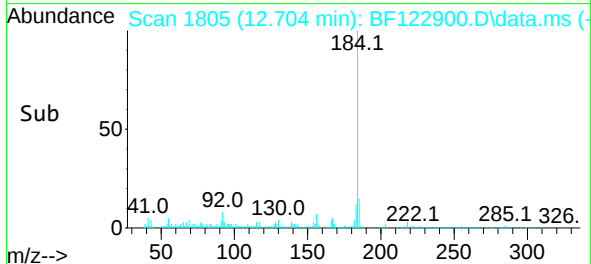
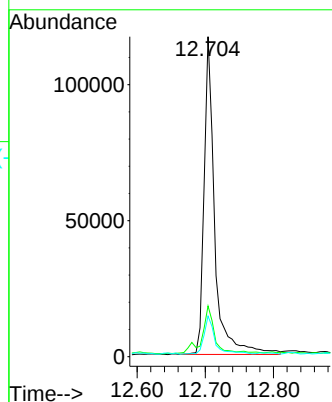
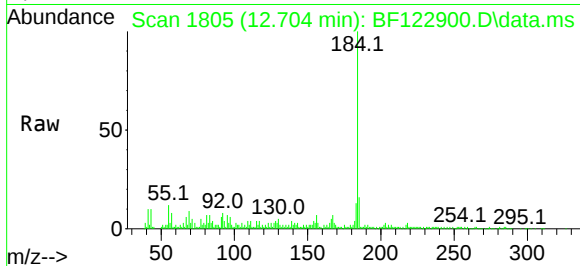




#77
Benzidine
Concen: 21.36 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

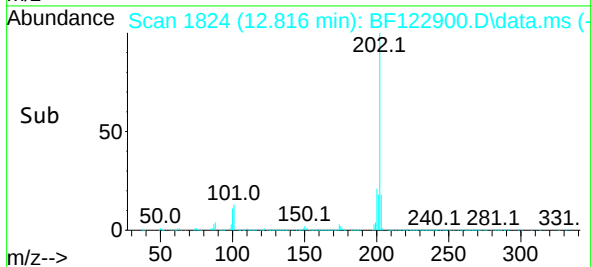
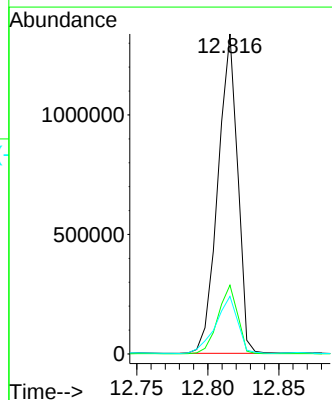
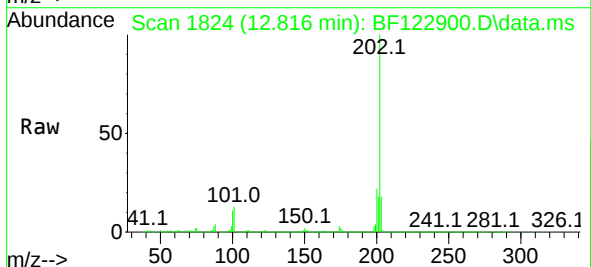
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

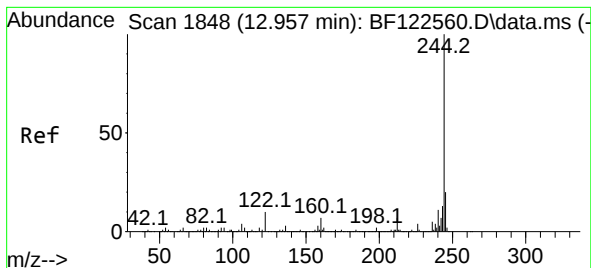
Tgt Ion:184 Resp: 127198
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 12.7 9.7 14.5



#78
Pyrene
Concen: 60.55 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:202 Resp: 1289116
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 73.46 ng

RT: 12.951 min Scan# 1847

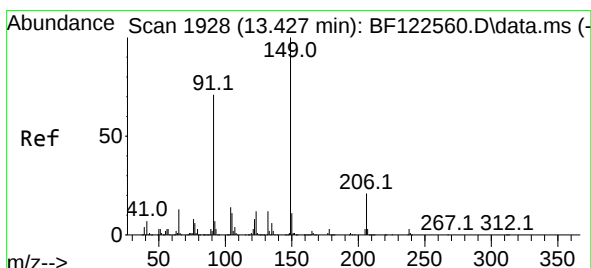
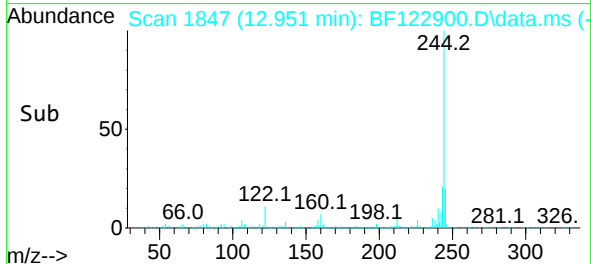
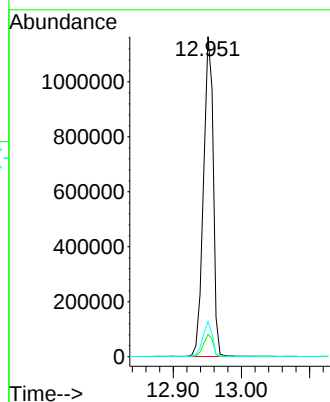
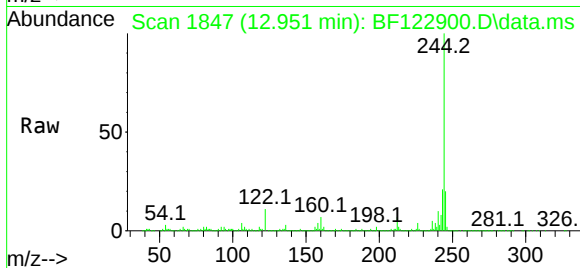
Delta R.T. -0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:244 Resp: 1155488

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.9	8.3	12.5



#80

Butylbenzylphthalate

Concen: 39.76 ng

RT: 13.427 min Scan# 1928

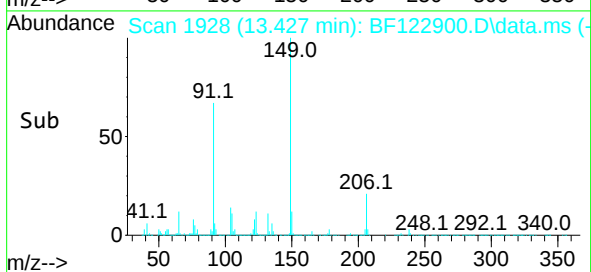
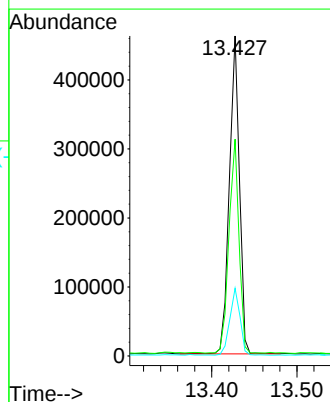
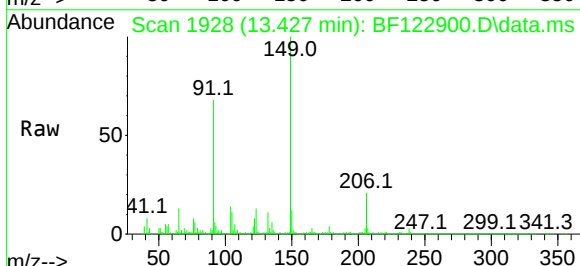
Delta R.T. 0.000 min

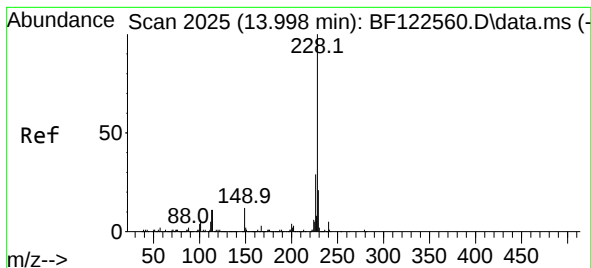
Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:149 Resp: 381262

Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.5	84.7
206	21.1	17.0	25.6





#81

Benzo(a)anthracene

Concen: 58.64 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:228 Resp: 1079061

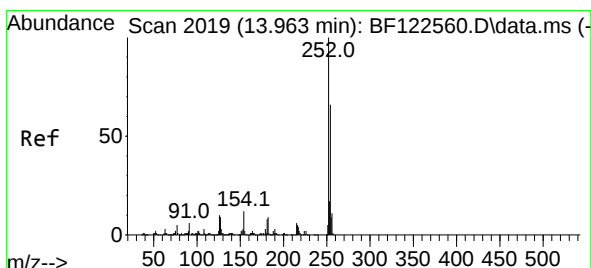
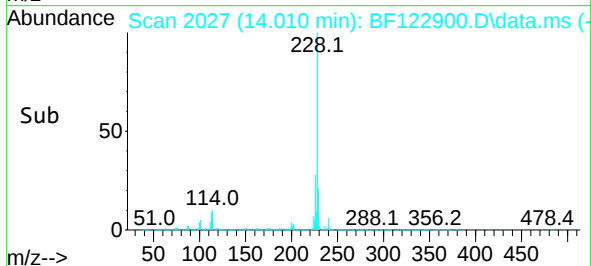
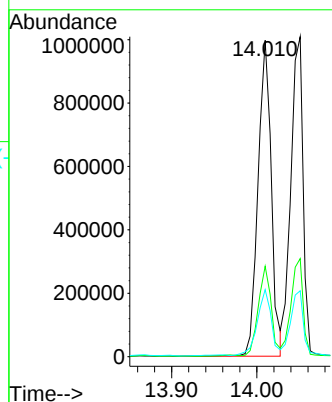
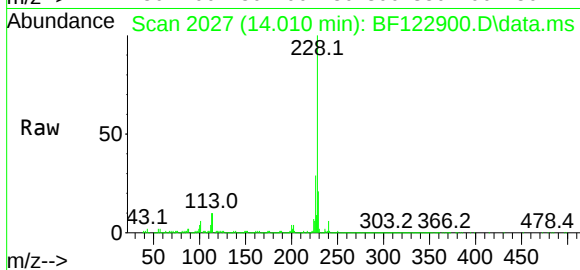
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	21.2	16.6	24.8

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MSD



#82

3,3'-Dichlorobenzidine

Concen: 26.76 ng

RT: 13.968 min Scan# 2020

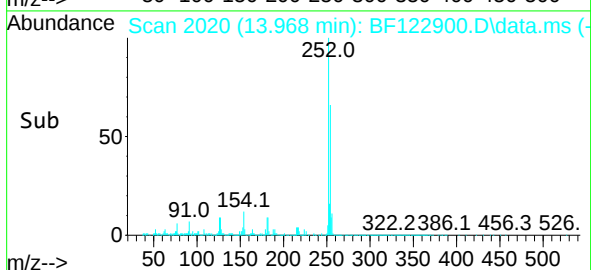
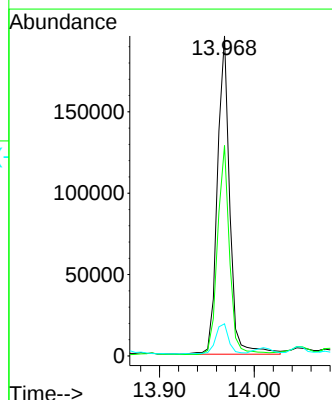
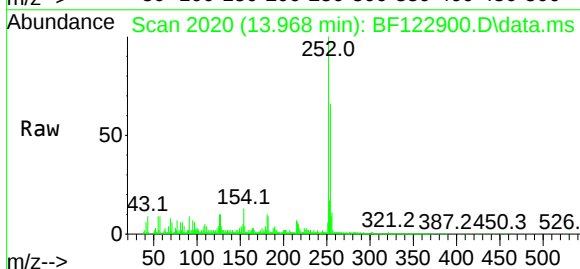
Delta R.T. 0.000 min

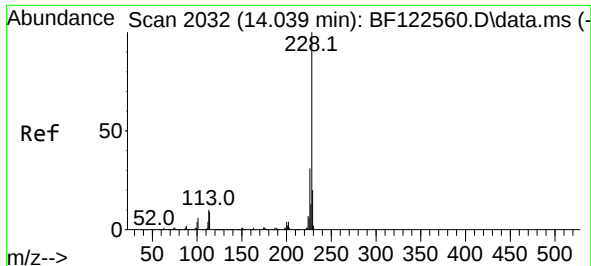
Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:252 Resp: 176379

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.7	79.1
126	10.0	8.0	12.0

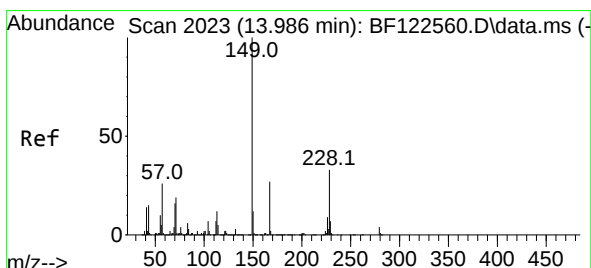
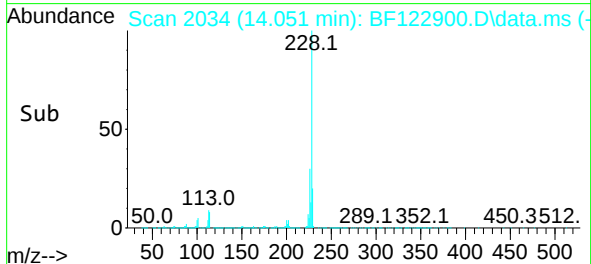
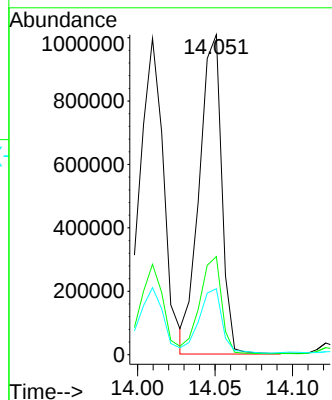
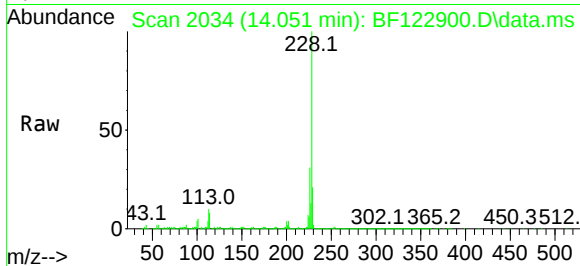




#83
Chrysene
Concen: 55.17 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

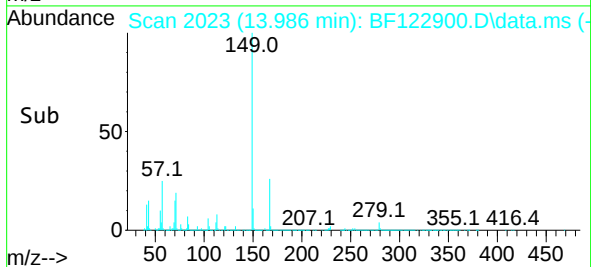
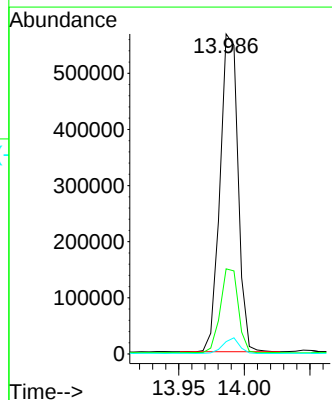
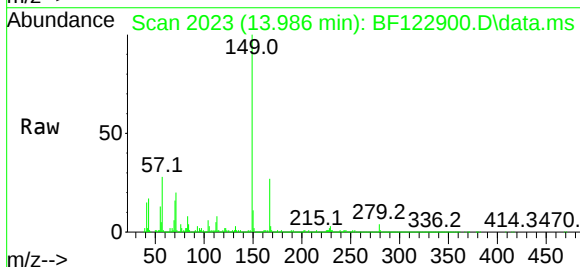
Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

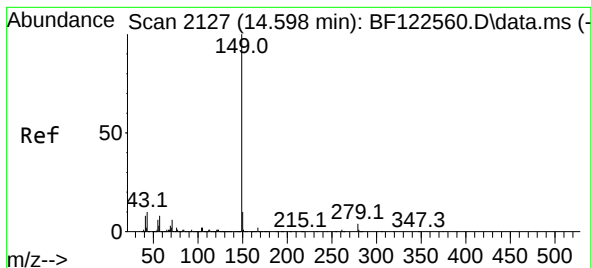
Tgt Ion:228 Resp: 1010403
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 20.6 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.06 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF122900.D
Acq: 31 Dec 2020 17:19

Tgt Ion:149 Resp: 539119
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.2
279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.50 ng

RT: 14.604 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MSD

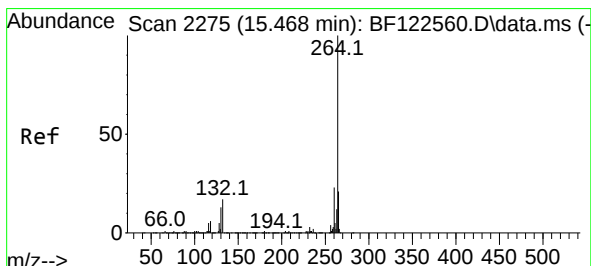
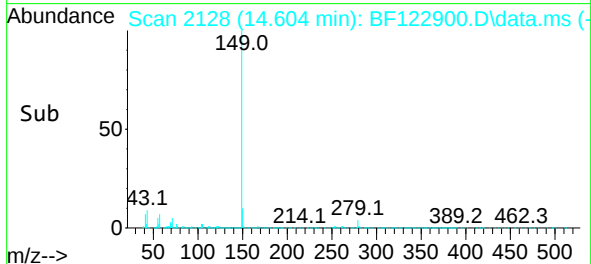
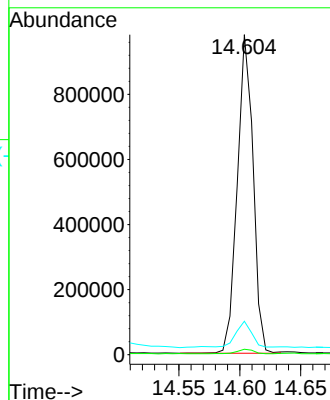
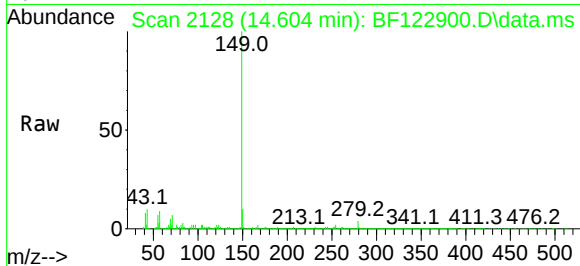
Tgt Ion:149 Resp: 882268

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.018 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

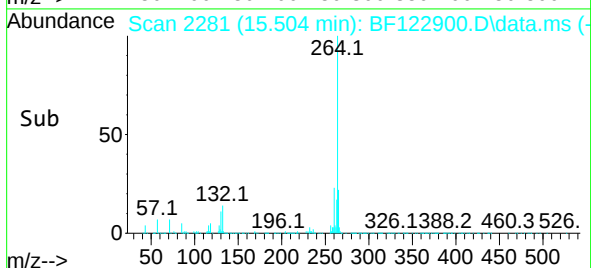
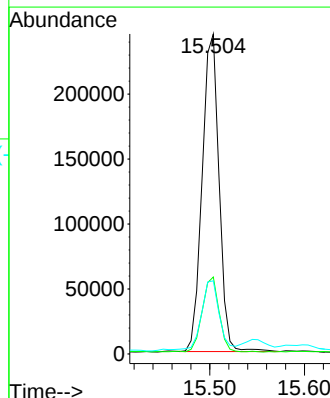
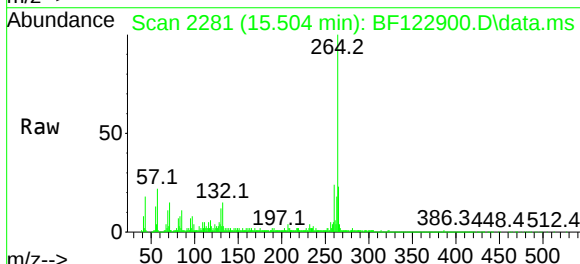
Tgt Ion:264 Resp: 303941

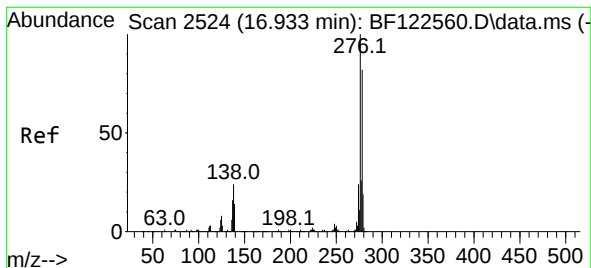
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.31 ng

RT: 17.004 min Scan# 2536

Delta R.T. 0.030 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:276 Resp: 1043574

Ion Ratio Lower Upper

276 100

138 21.0 18.7 28.1

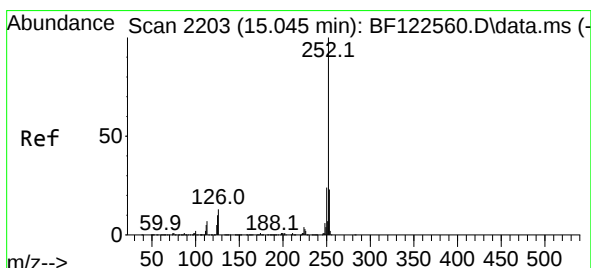
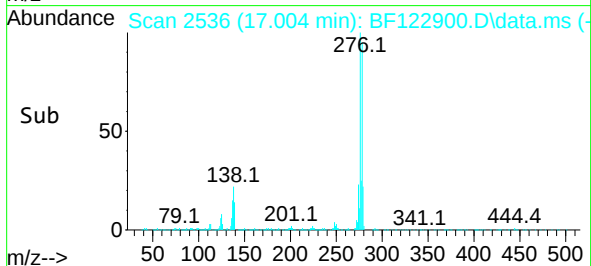
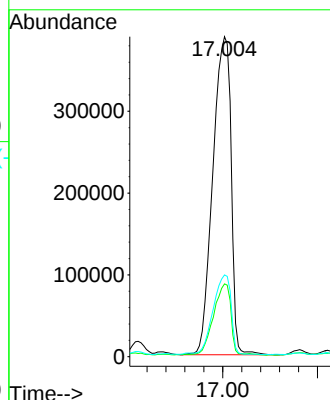
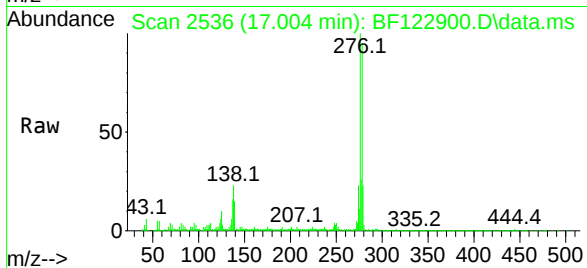
277 24.4 20.2 30.4

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MSD



#88

Benzo(b)fluoranthene

Concen: 57.37 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

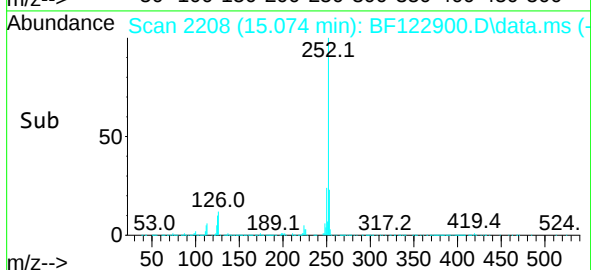
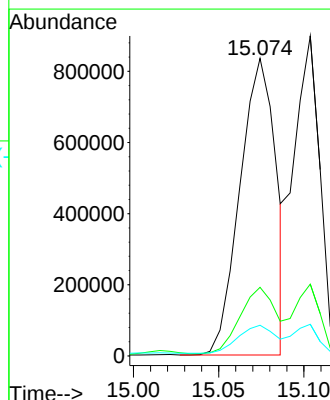
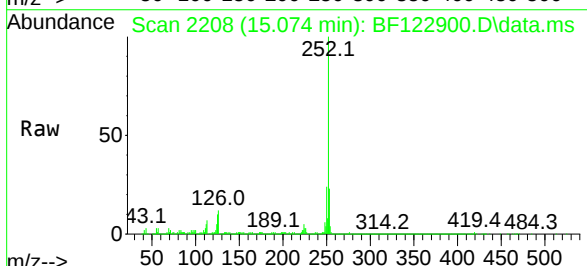
Tgt Ion:252 Resp: 1223331

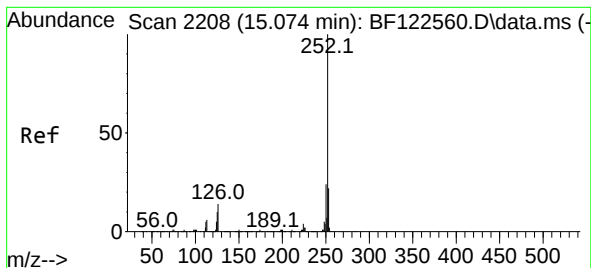
Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 10.3 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 48.81 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.012 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:252 Resp: 951657

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

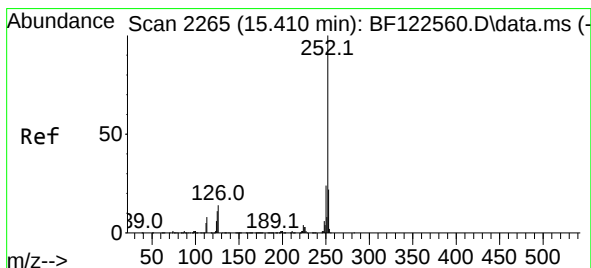
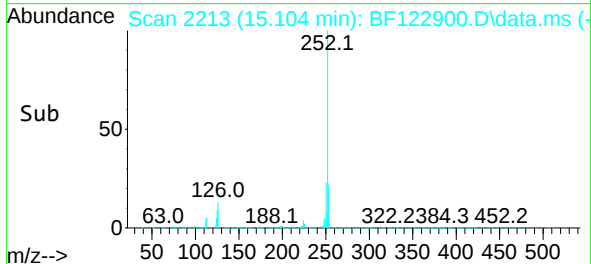
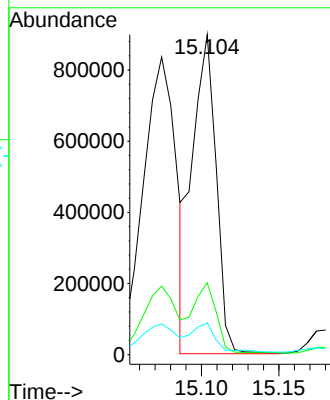
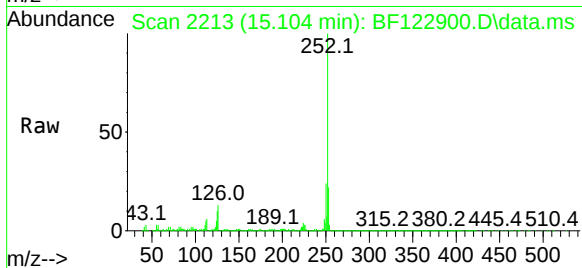
125 9.9 8.4 12.6

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MSD



#90

Benzo(a)pyrene

Concen: 58.78 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

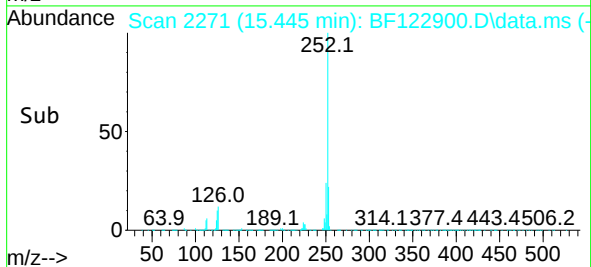
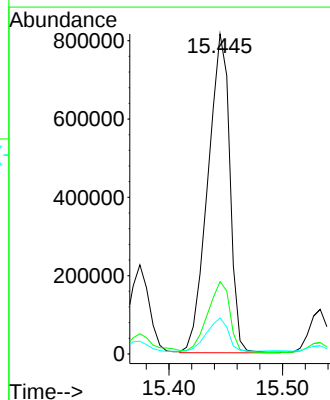
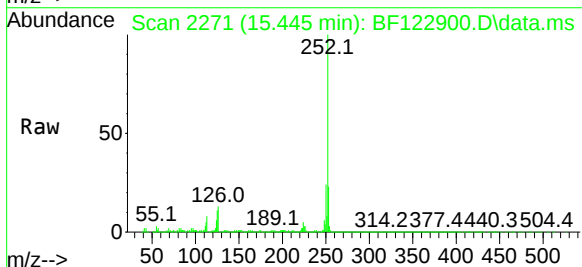
Tgt Ion:252 Resp: 1096642

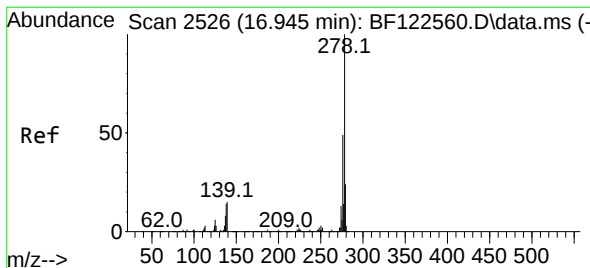
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 11.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 43.85 ng

RT: 17.009 min Scan# 2537

Delta R.T. 0.024 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:278 Resp: 716034

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

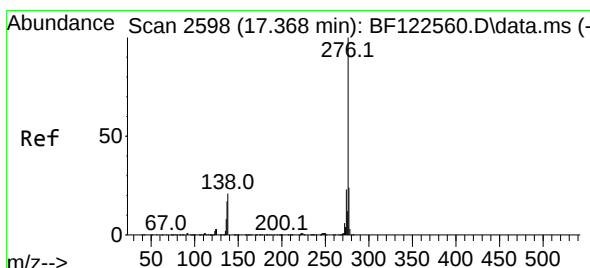
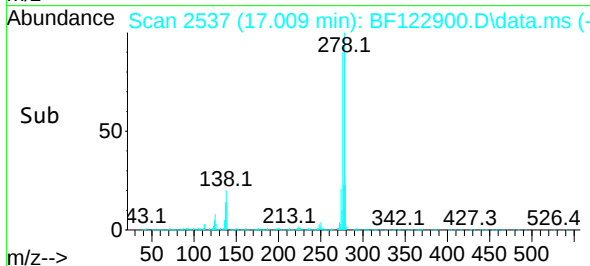
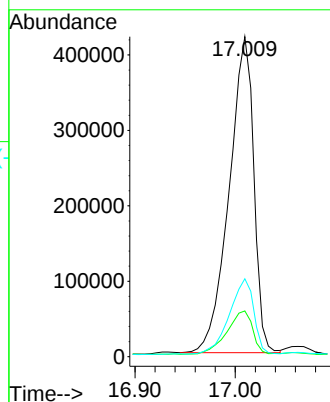
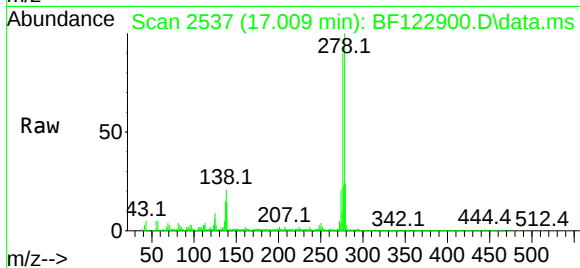
279 24.4 19.4 29.2

Instrument :

BNA_F

ClientSampleId :

HR-01-123020MSD



#92

Benzo(g,h,i)perylene

Concen: 53.53 ng

RT: 17.451 min Scan# 2612

Delta R.T. 0.035 min

Lab File: BF122900.D

Acq: 31 Dec 2020 17:19

Tgt Ion:276 Resp: 846027

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 19.9 16.6 24.8

