

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121964.D
 Acq On : 14 Oct 2020 18:35
 Operator : JU/CG
 Sample : L4383-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-SOILMS

Quant Time: Oct 15 01:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	120284	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	475843	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	243768	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	446402	20.00	ng	-0.01
76) Chrysene-d12	13.910	240	325272	20.00	ng	0.00
86) Perylene-d12	15.339	264	247381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	659345	80.90	ng	0.00
7) Phenol-d6	6.392	99	829363	79.05	ng	0.00
23) Nitrobenzene-d5	7.310	82	569729	61.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	233057	77.29	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	997579	60.21	ng	0.00
79) Terphenyl-d14	12.845	244	1041821	61.04	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	139559	38.93	ng	100
3) Pyridine	3.216	79	408906	43.39	ng	98
4) n-Nitrosodimethylamine	3.181	42	196648	43.17	ng	98
6) Aniline	6.410	93	254688	19.71	ng	# 11
8) 2-Chlorophenol	6.534	128	365413	44.36	ng	95
9) Benzaldehyde	6.292	77	190096	30.25	ng	99
10) Phenol	6.404	94	455516	42.07	ng	99
11) bis(2-Chloroethyl)ether	6.481	93	354309	42.33	ng	99
12) 1,3-Dichlorobenzene	6.681	146	389404	42.03	ng	98
13) 1,4-Dichlorobenzene	6.763	146	391517	42.09	ng	98
14) 1,2-Dichlorobenzene	6.910	146	368506	43.33	ng	97
15) Benzyl Alcohol	6.898	79	312558	46.06	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	535493	41.57	ng	70
17) 2-Methylphenol	7.016	107	291965	41.46	ng	# 90
18) Hexachloroethane	7.251	117	143546	42.72	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	259327	43.41	ng	99
20) 3+4-Methylphenols	7.169	107	368203	43.36	ng	# 70
22) Acetophenone	7.157	105	487357	39.81	ng	92
24) Nitrobenzene	7.334	77	397337	40.06	ng	97
25) Isophorone	7.575	82	704238	40.14	ng	98
26) 2-Nitrophenol	7.651	139	188223	41.21	ng	99
27) 2,4-Dimethylphenol	7.692	122	313731	40.30	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	443870	40.44	ng	100
29) 2,4-Dichlorophenol	7.892	162	296867	40.72	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	308124	39.75	ng	99
31) Naphthalene	8.051	128	1010484	39.64	ng	99
32) Benzoic acid	7.816	122	44351	16.06	ng	97
33) 4-Chloroaniline	8.104	127	128024	11.79	ng	98
34) Hexachlorobutadiene	8.163	225	186261	40.52	ng	100
35) Caprolactam	8.486	113	57649	24.90	ng	98
36) 4-Chloro-3-methylphenol	8.604	107	319126	40.75	ng	97
37) 2-Methylnaphthalene	8.739	142	658834	39.91	ng	99
38) 1-Methylnaphthalene	8.839	142	609929	39.89	ng	98
40) 1,2,4,5-Tetrachloroben...	8.910	216	311494	39.59	ng	100
41) Hexachlorocyclopentadiene	8.892	237	164916	70.23	ng	99
43) 2,4,6-Trichlorophenol	9.028	196	194868	40.14	ng	99

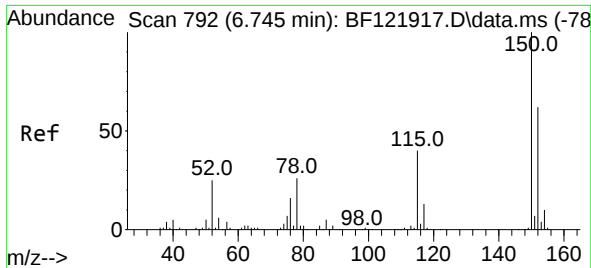
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 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	206540	39.40	ng	97
46) 1,1'-Biphenyl	9.204	154	787591	39.74	ng	99
47) 2-Chloronaphthalene	9.228	162	614482	39.87	ng	99
48) 2-Nitroaniline	9.333	65	213482	41.99	ng	99
49) Acenaphthylene	9.645	152	933164	39.42	ng	100
50) Dimethylphthalate	9.510	163	810485	45.47	ng	99
51) 2,6-Dinitrotoluene	9.575	165	161431	41.29	ng	98
52) Acenaphthene	9.816	154	557448	39.59	ng	98
53) 3-Nitroaniline	9.745	138	86817	19.52	ng	94
54) 2,4-Dinitrophenol	9.863	184	69067	39.54	ng	# 88
55) Dibenzofuran	9.986	168	808152	39.24	ng	99
56) 4-Nitrophenol	9.928	139	167005	69.04	ng	# 80
57) 2,4-Dinitrotoluene	9.980	165	200479	41.65	ng	# 82
58) Fluorene	10.327	166	662317	39.92	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	166681	41.09	ng	96
60) Diethylphthalate	10.204	149	696852	40.54	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	312785	39.31	ng	92
62) 4-Nitroaniline	10.363	138	171978	38.71	ng	96
63) Azobenzene	10.480	77	739090	40.66	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	82318	29.41	ng	95
66) n-Nitrosodiphenylamine	10.439	169	624343	40.60	ng	100
67) 4-Bromophenyl-phenylether	10.810	248	213072	41.31	ng	97
68) Hexachlorobenzene	10.880	284	238483	40.85	ng	# 93
69) Atrazine	10.969	200	170783	45.42	ng	99
70) Pentachlorophenol	11.080	266	128487	58.37	ng	98
71) Phenanthrene	11.292	178	992839	40.56	ng	100
72) Anthracene	11.345	178	1019136	40.15	ng	99
73) Carbazole	11.498	167	929786	41.19	ng	99
74) Di-n-butylphthalate	11.821	149	1069330	41.18	ng	100
75) Fluoranthene	12.480	202	1048706	39.96	ng	98
77) Benzidine	12.604	184	321803	32.09	ng	99
78) Pyrene	12.710	202	1077671	43.48	ng	99
80) Butylbenzylphthalate	13.321	149	448641	45.64	ng	99
81) Benzo(a)anthracene	13.898	228	885314	41.54	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	153954	19.47	ng	99
83) Chrysene	13.933	228	850441	40.64	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	596271	44.68	ng	98
85) Di-n-octyl phthalate	14.492	149	920748	42.65	ng	99
87) Indeno(1,2,3-cd)pyrene	16.756	276	766286	47.71	ng	99
88) Benzo(b)fluoranthene	14.927	252	770964	46.10	ng	99
89) Benzo(k)fluoranthene	14.957	252	645293	40.62	ng	99
90) Benzo(a)pyrene	15.280	252	619050	42.86	ng	98
91) Dibenzo(a,h)anthracene	16.762	278	626406	47.36	ng	100
92) Benzo(g,h,i)perylene	17.174	276	667053	50.40	ng	99

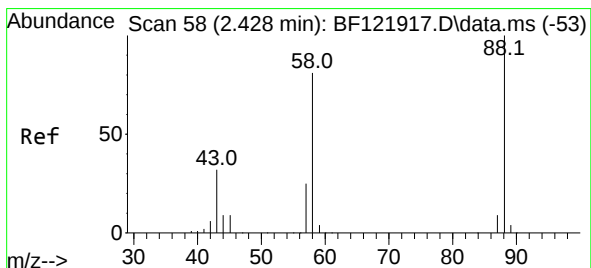
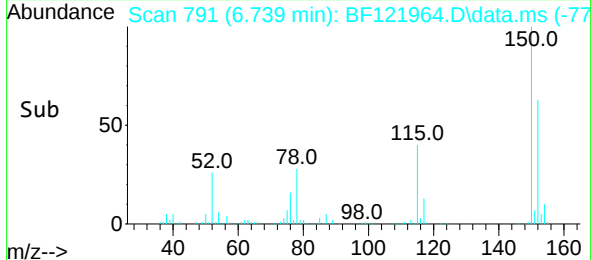
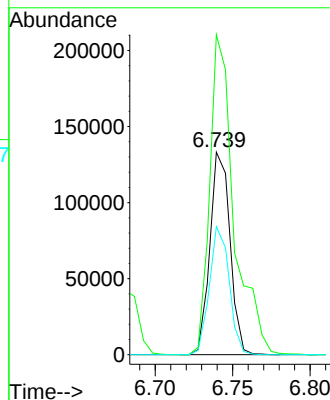
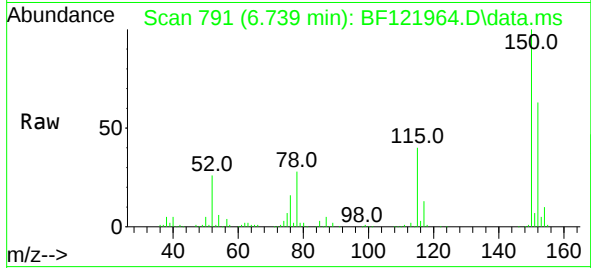
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF121964.D
 Acq: 14 Oct 2020 18:35

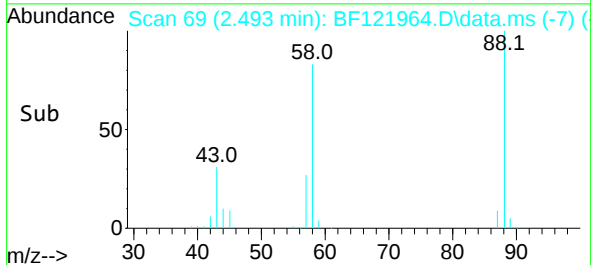
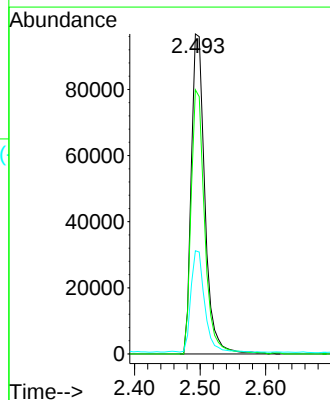
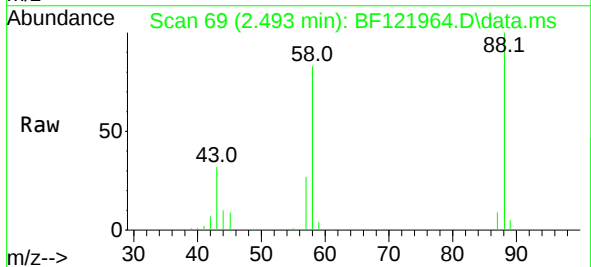
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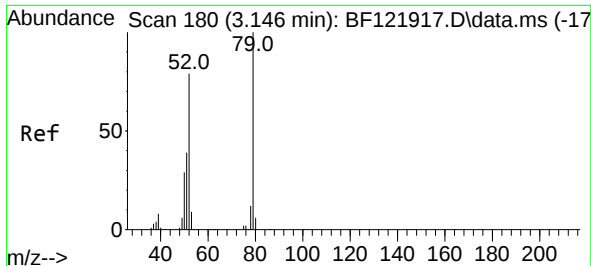
Tgt Ion:152 Resp: 120284
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.3 187.9
 115 63.1 51.9 77.9



#2
 1,4-Dioxane
 Concen: 38.93 ng
 RT: 2.493 min Scan# 69
 Delta R.T. 0.065 min
 Lab File: BF121964.D
 Acq: 14 Oct 2020 18:35

Tgt Ion: 88 Resp: 139559
 Ion Ratio Lower Upper
 88 100
 58 82.5 65.8 98.8
 43 31.8 25.8 38.8

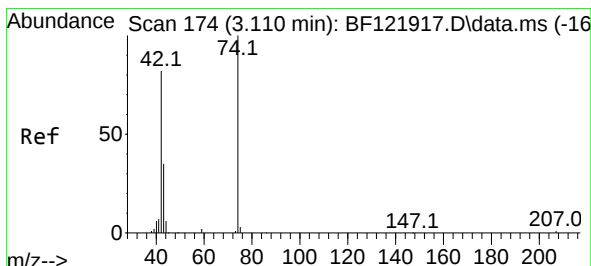
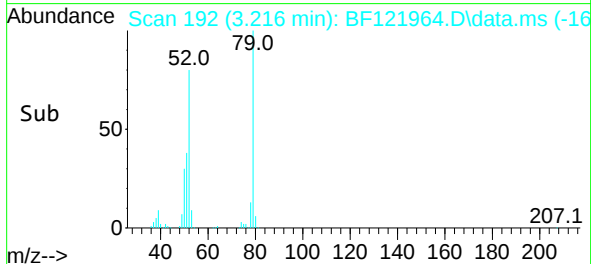
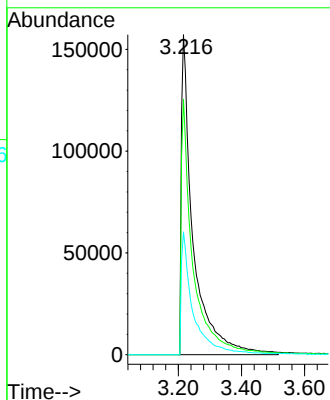
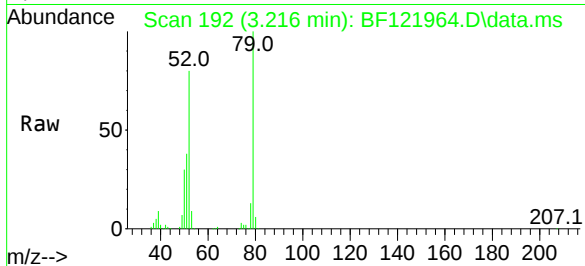




#3
Pyridine
Concen: 43.39 ng
RT: 3.216 min Scan# 192
Delta R.T. 0.071 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

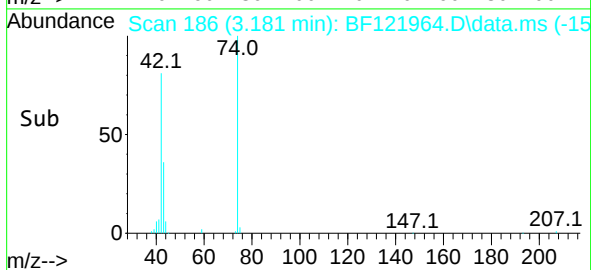
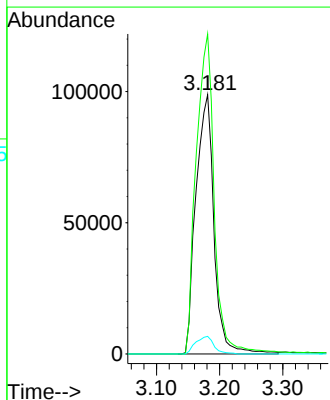
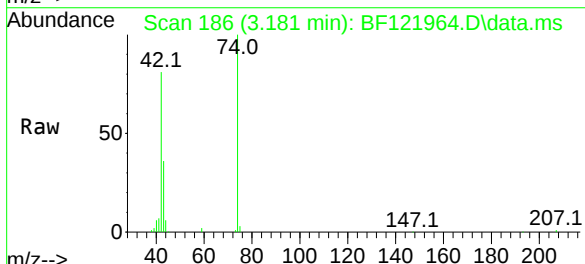
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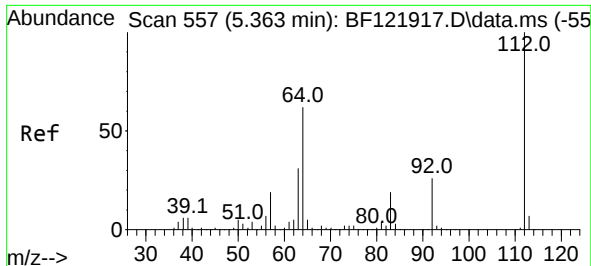
Tgt Ion: 79 Resp: 408906
Ion Ratio Lower Upper
79 100
52 79.8 62.2 93.4
51 38.4 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 43.17 ng
RT: 3.181 min Scan# 186
Delta R.T. 0.071 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 42 Resp: 196648
Ion Ratio Lower Upper
42 100
74 123.4 100.2 150.2
44 6.8 5.8 8.6

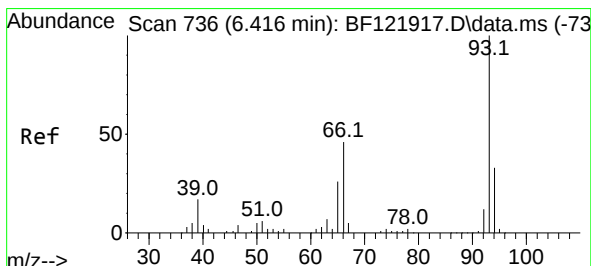
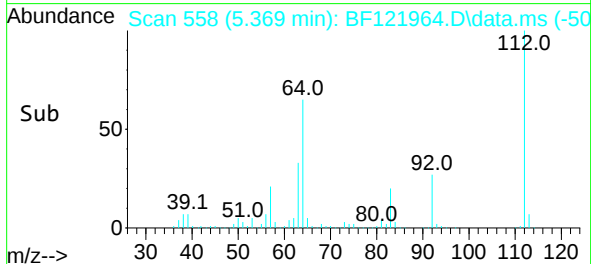
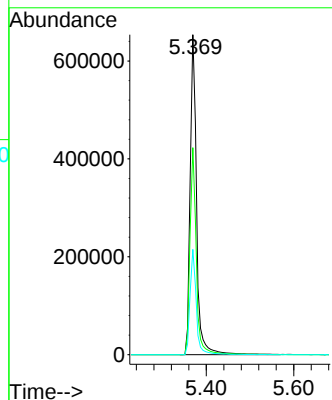
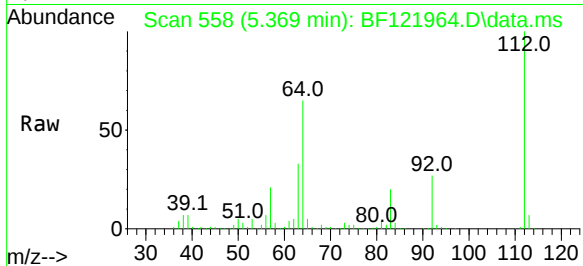




#5
2-Fluorophenol
Concen: 80.90 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

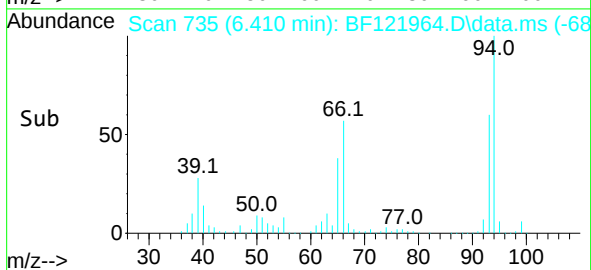
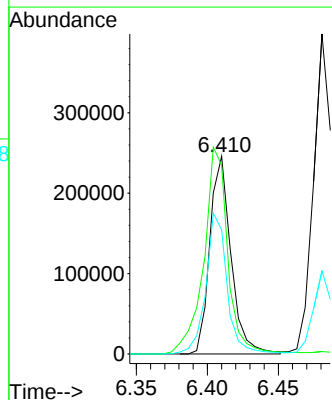
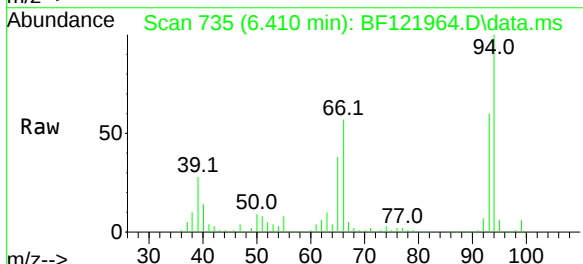
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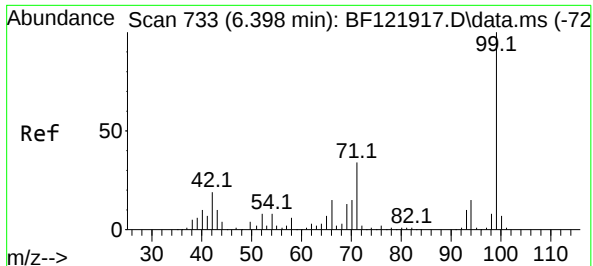
Tgt Ion:112 Resp: 659345
Ion Ratio Lower Upper
112 100
64 64.7 50.4 75.6
63 32.9 25.8 38.6



#6
Aniline
Concen: 19.71 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 93 Resp: 254688
Ion Ratio Lower Upper
93 100
66 95.5 32.7 49.1#
65 62.9 16.6 24.8#

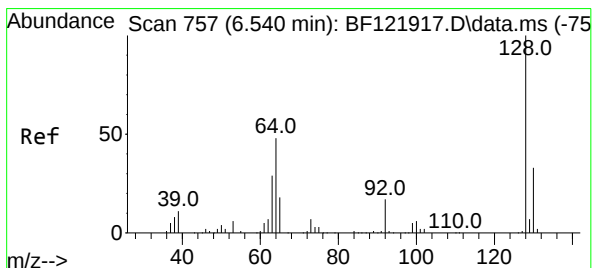
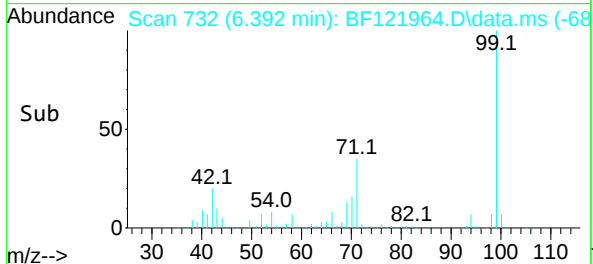
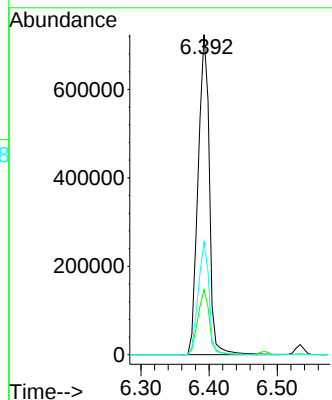
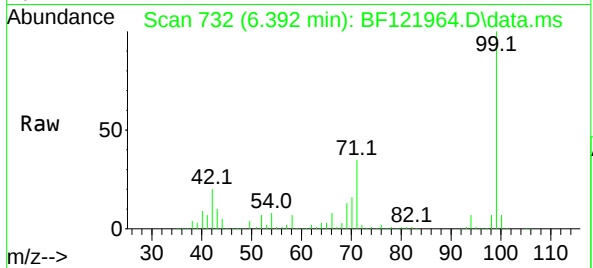




#7
Phenol-d6
Concen: 79.05 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

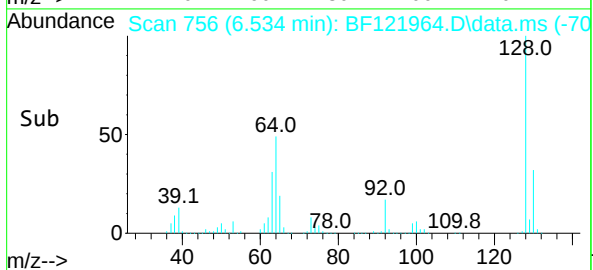
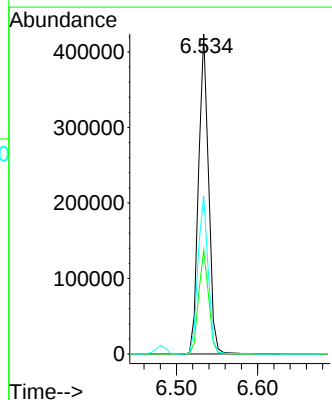
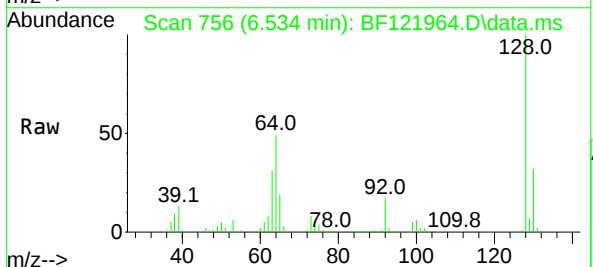
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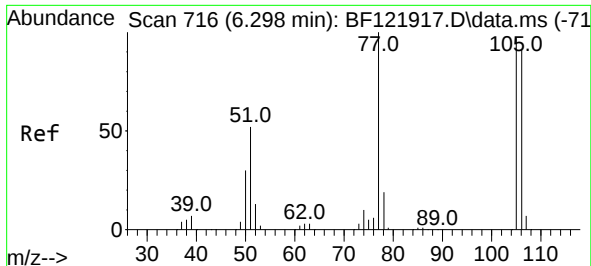
Tgt Ion: 99 Resp: 829363
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 35.2 27.1 40.7



#8
2-Chlorophenol
Concen: 44.36 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 128 Resp: 365413
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 49.3 34.8 74.8

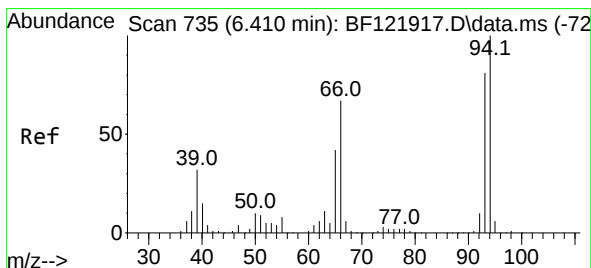
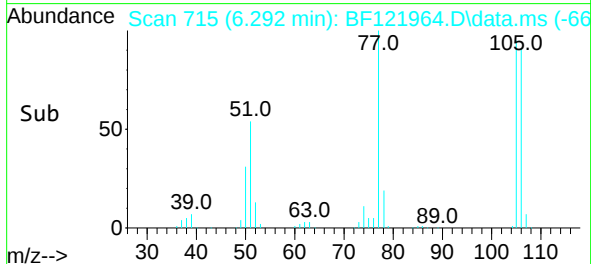
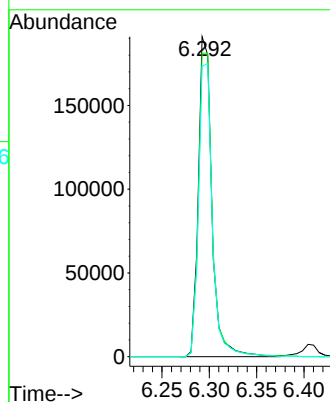
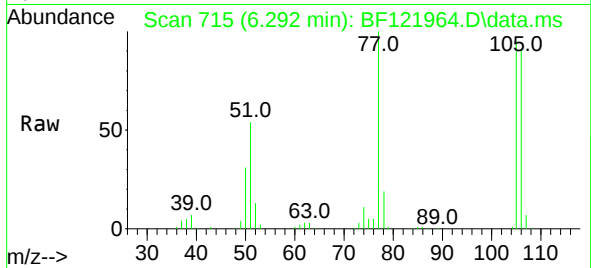




#9
Benzaldehyde
Concen: 30.25 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

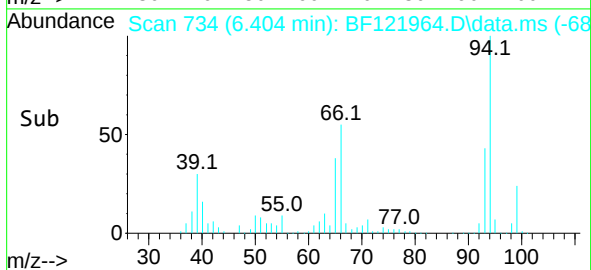
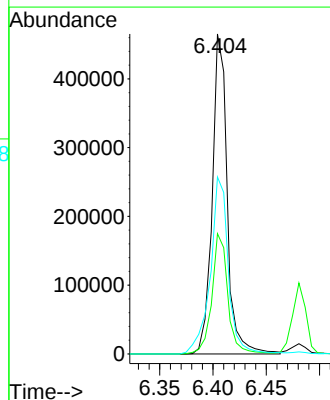
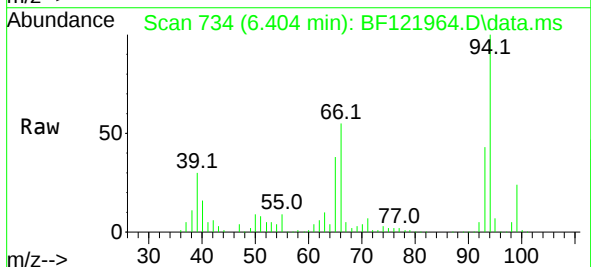
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

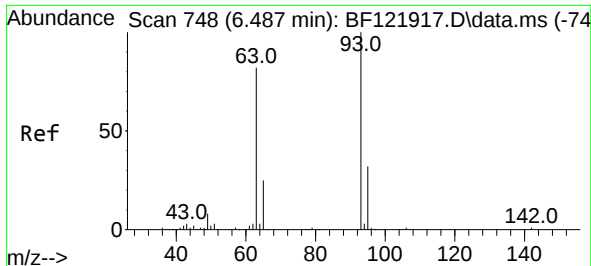
Tgt Ion:	77	Resp:	190096
Ion	Ratio	Lower	Upper
77	100		
105	94.8	76.7	116.7
106	90.8	71.3	111.3



#10
Phenol
Concen: 42.07 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:	94	Resp:	455516
Ion	Ratio	Lower	Upper
94	100		
65	37.6	17.1	57.1
66	55.3	36.0	76.0

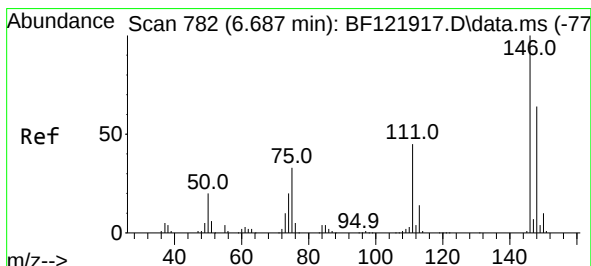
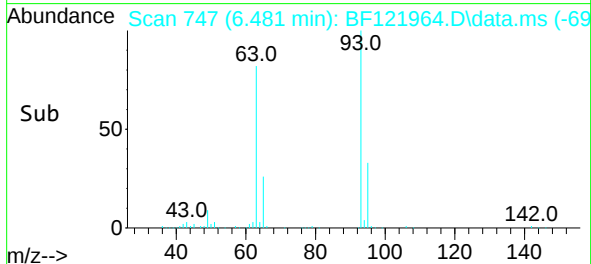
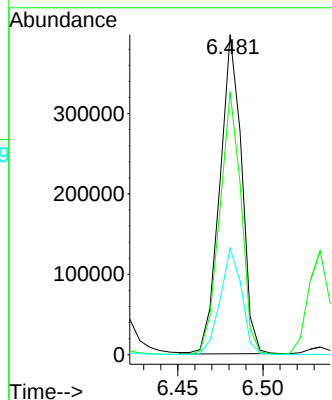
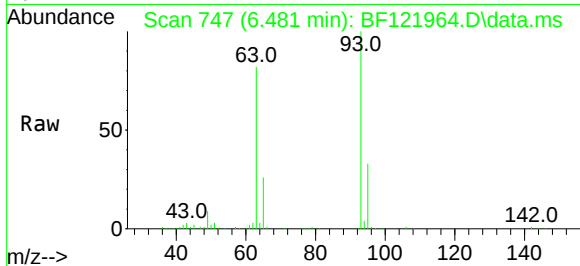




#11
bis(2-Chloroethyl)ether
Concen: 42.33 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

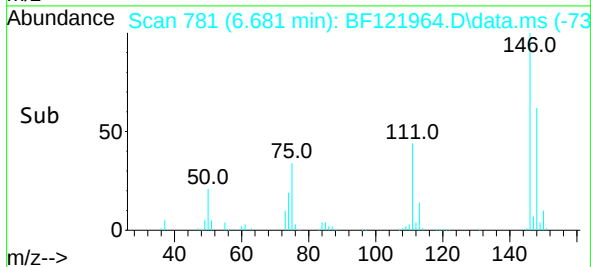
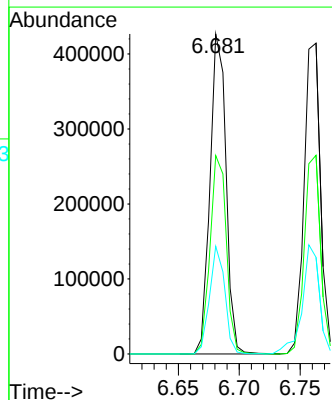
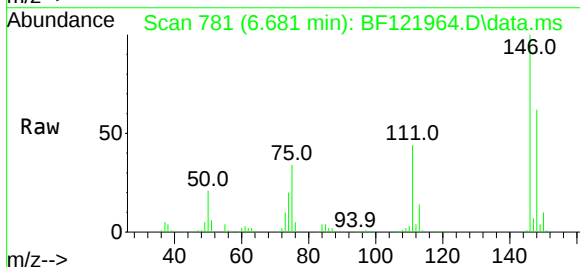
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

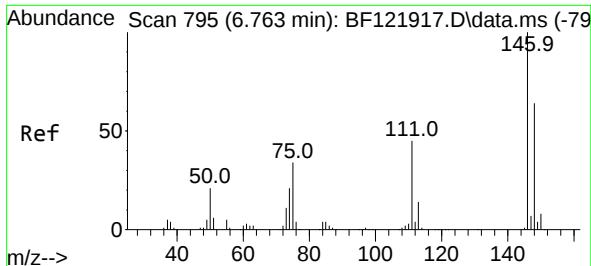
Tgt Ion: 93 Resp: 354309
Ion Ratio Lower Upper
93 100
63 82.2 62.4 102.4
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.03 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:146 Resp: 389404
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.4
75 33.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.09 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

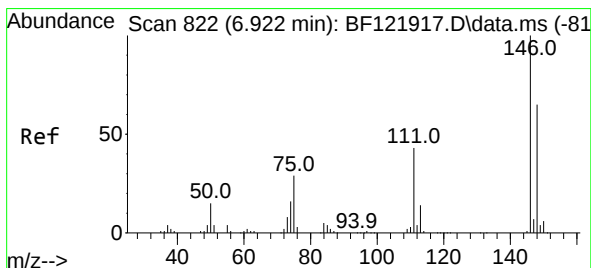
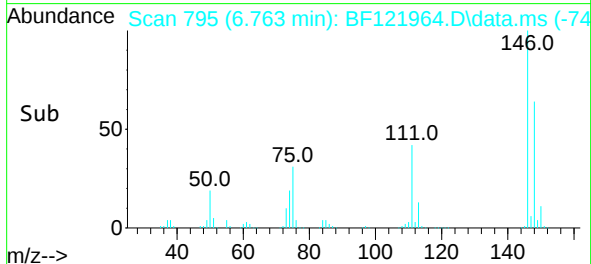
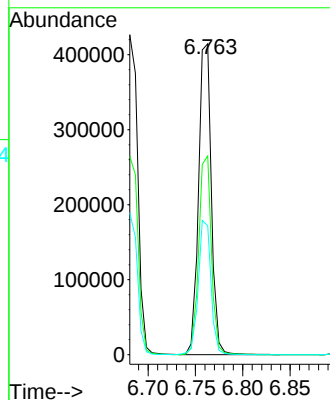
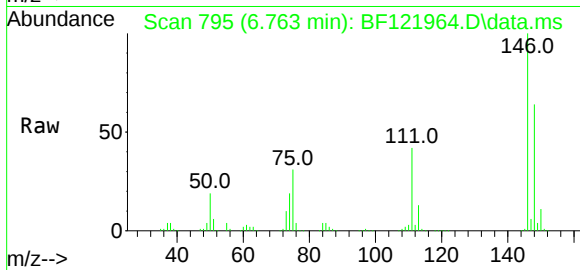
Tgt Ion:146 Resp: 391517

Ion Ratio Lower Upper

146 100

148 63.9 50.1 75.1

111 41.5 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 43.33 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.012 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

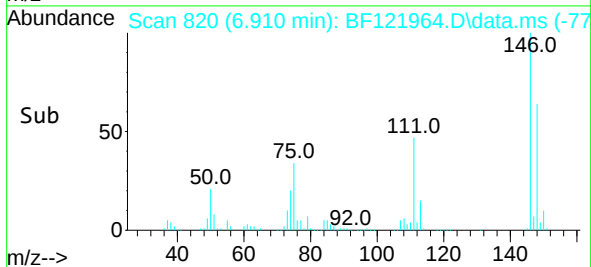
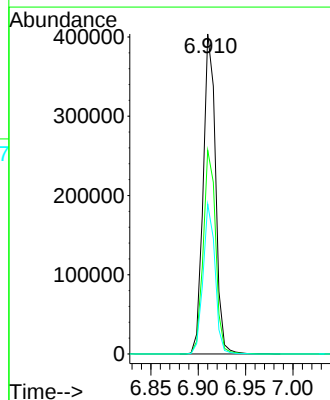
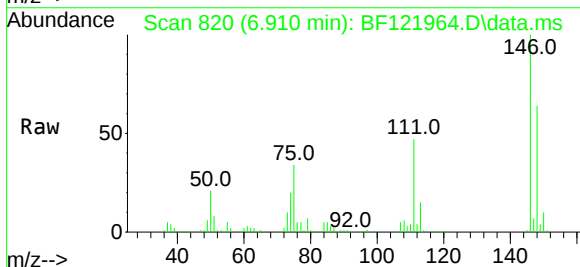
Tgt Ion:146 Resp: 368506

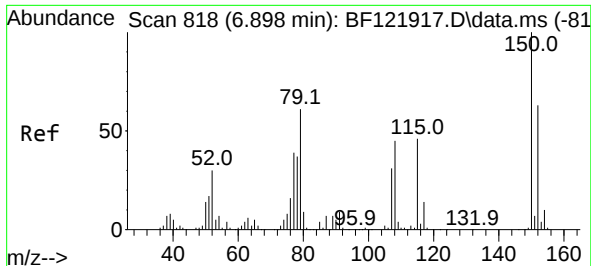
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 46.8 34.2 51.4

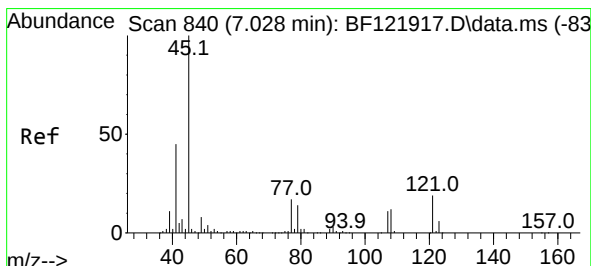
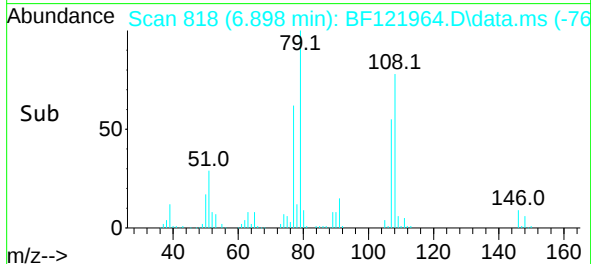
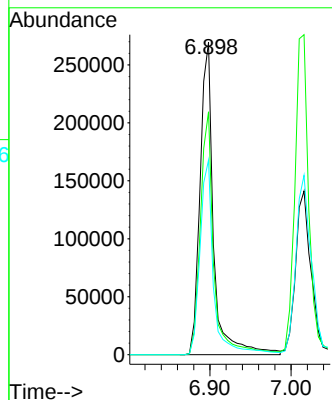
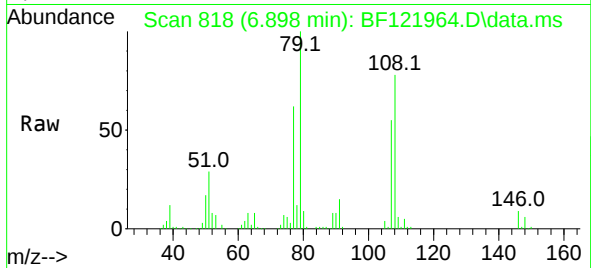




#15
Benzyl Alcohol
Concen: 46.06 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

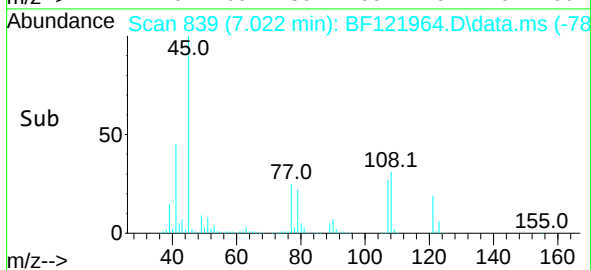
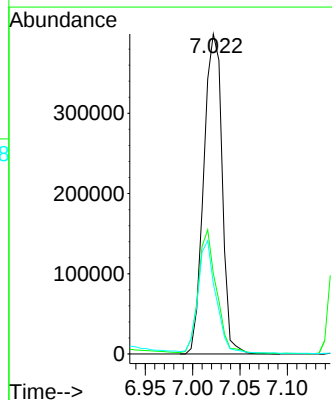
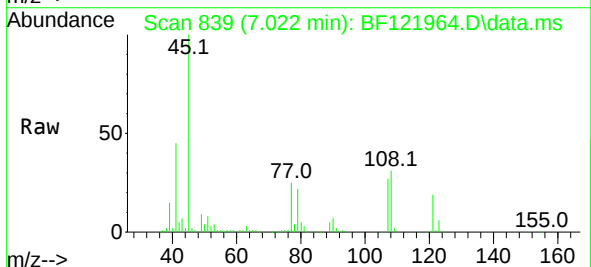
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

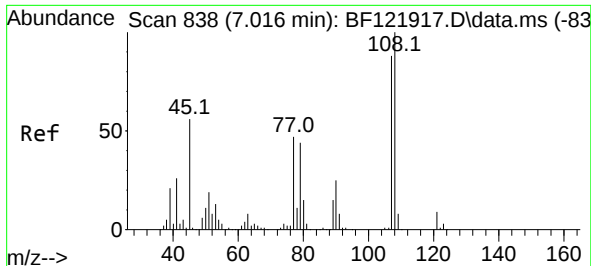
Tgt Ion: 79 Resp: 312558
Ion Ratio Lower Upper
79 100
108 77.8 62.3 93.5
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.57 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 45 Resp: 535493
Ion Ratio Lower Upper
45 100
77 25.1 0.0 33.3
79 21.9 0.0 30.4

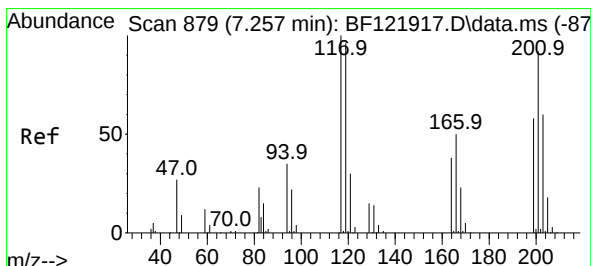
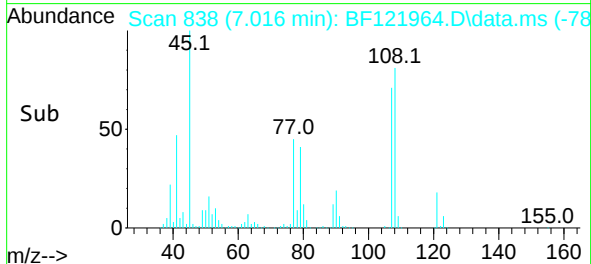
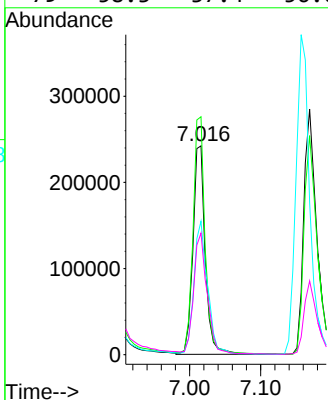
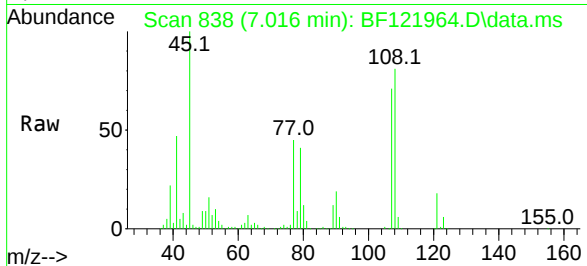




#17
2-Methylphenol
Concen: 41.46 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

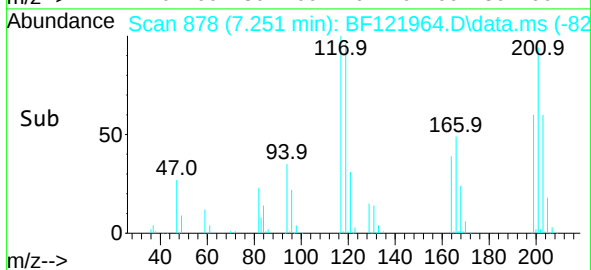
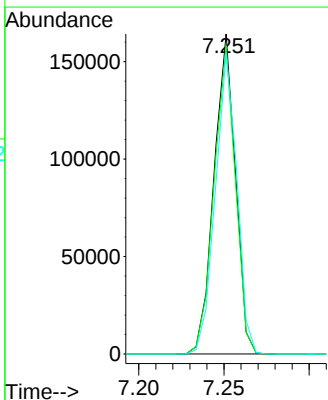
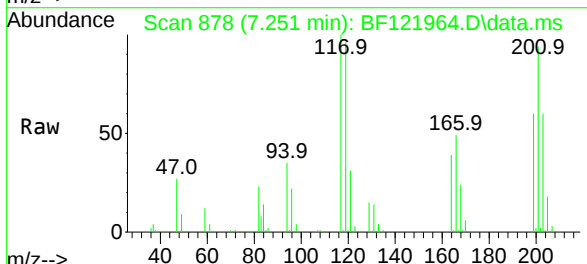
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

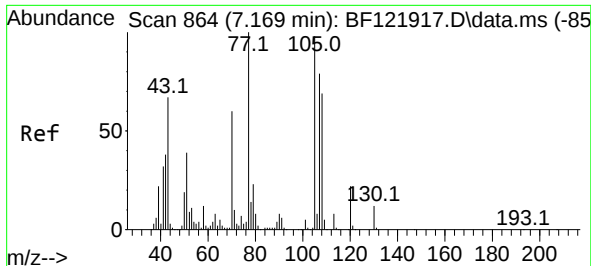
Tgt Ion:	107	Resp:	291965
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	63.9	37.5	56.3#
79	58.3	37.4	56.0#



#18
Hexachloroethane
Concen: 42.72 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:	117	Resp:	143546
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
201	94.2	71.8	107.6



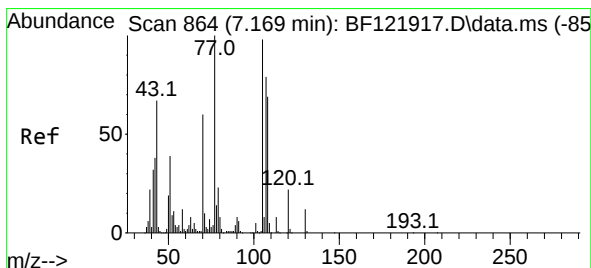
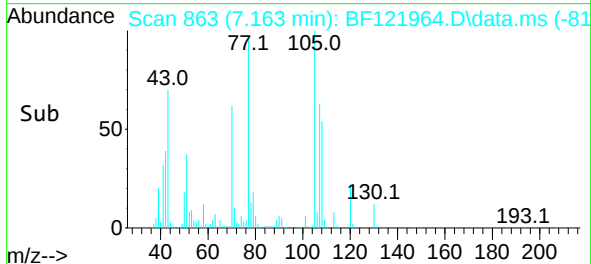
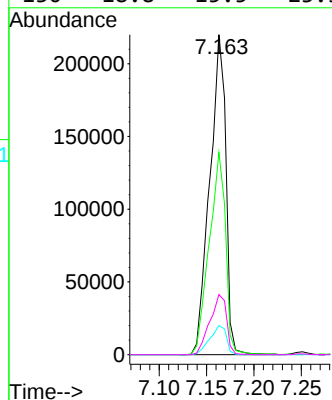
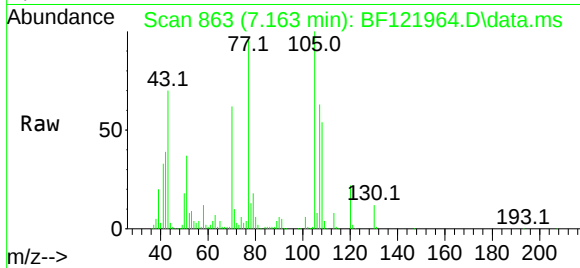


#19
n-Nitroso-di-n-propylamine
Concen: 43.41 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

Tgt Ion: 70 Resp: 259327

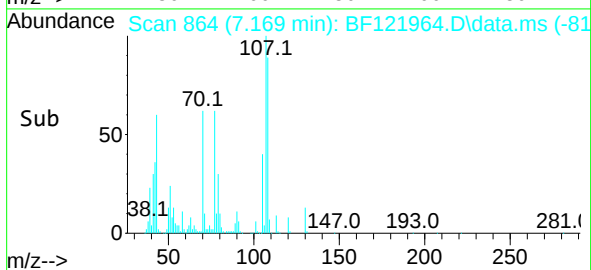
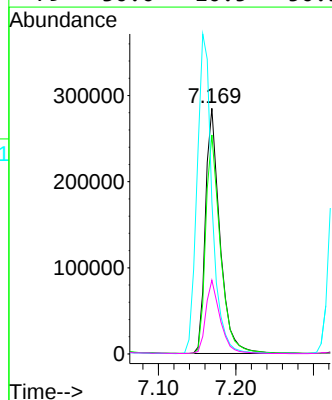
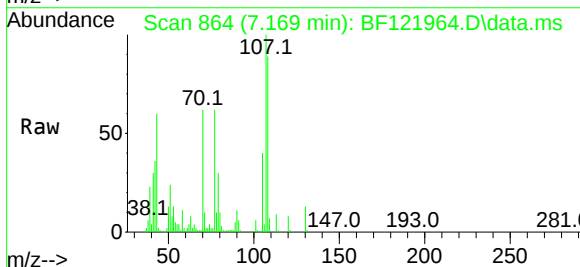
Ion	Ratio	Lower	Upper
70	100		
42	63.2	50.2	75.4
101	9.1	7.5	11.3
130	18.8	15.5	23.3

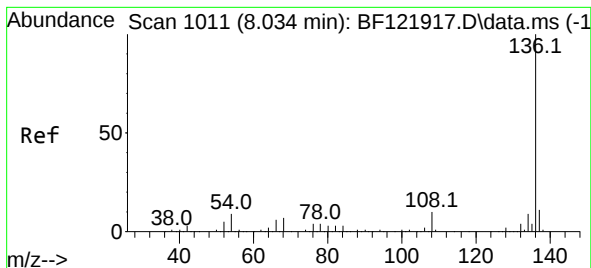


#20
3+4-Methylphenols
Concen: 43.36 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 107 Resp: 368203

Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.9	108.9
77	61.9	108.0	148.0#
79	30.0	10.5	50.5

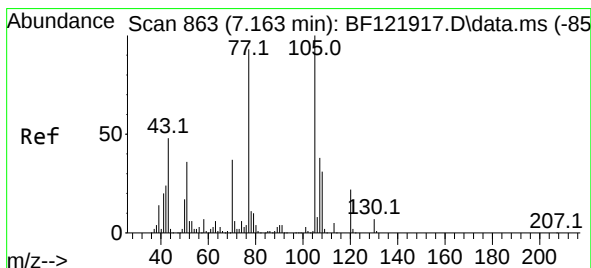
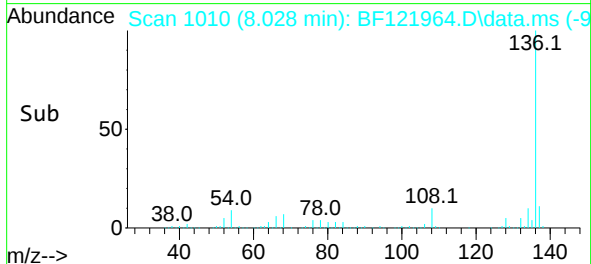
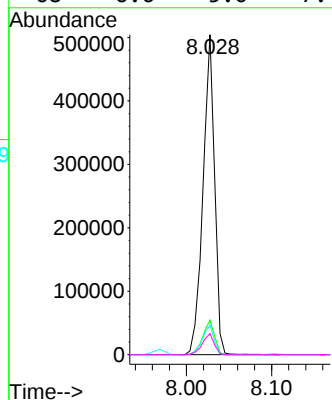
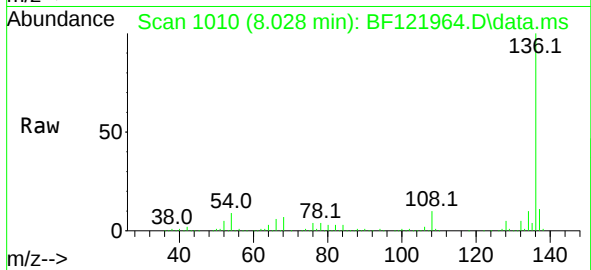




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

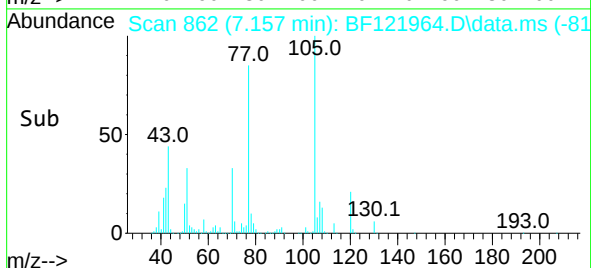
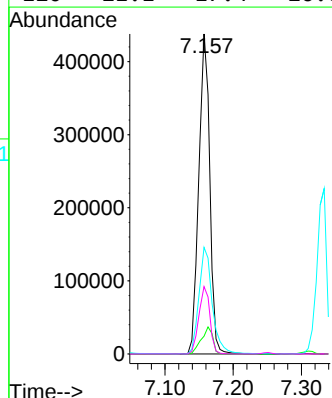
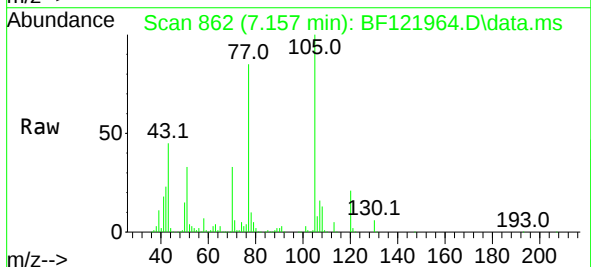
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

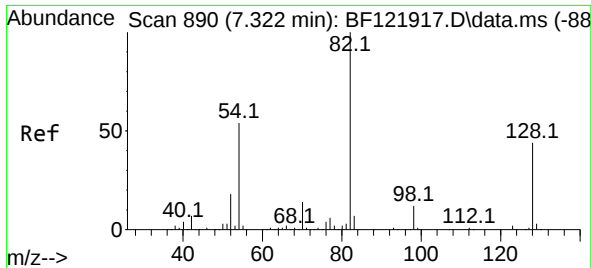
Tgt Ion:136	Resp: 475843
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.3	7.1 10.7
68 6.6	5.0 7.4



#22
Acetophenone
Concen: 39.81 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:105	Resp: 487357
Ion Ratio	Lower Upper
105 100	
71 5.6	5.3 7.9
51 33.3	33.2 49.8
120 21.1	17.4 26.0

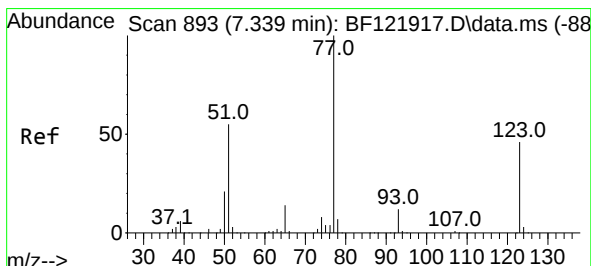
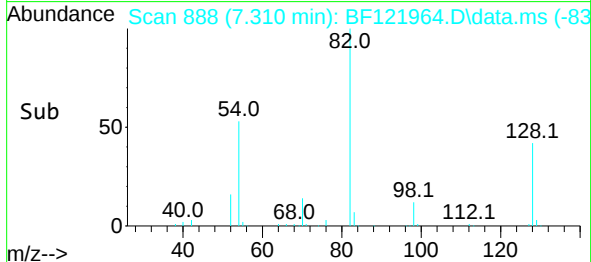
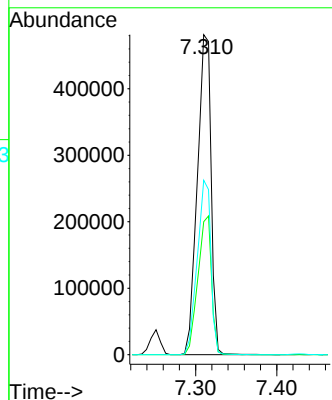
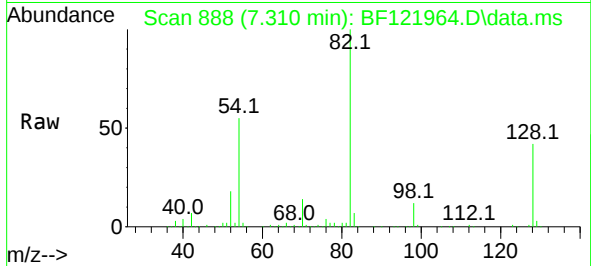




#23
Nitrobenzene-d5
Concen: 61.40 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

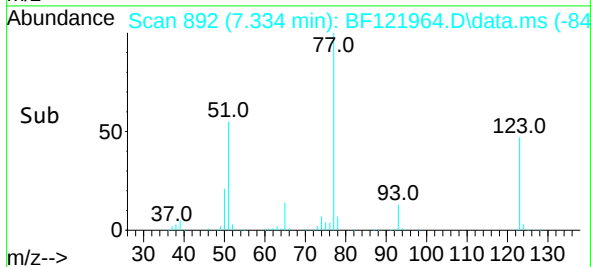
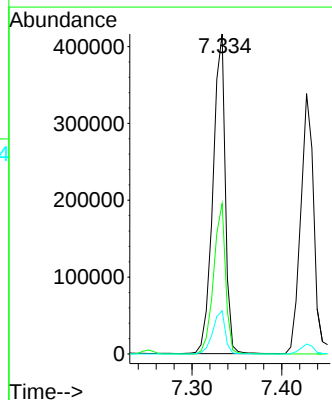
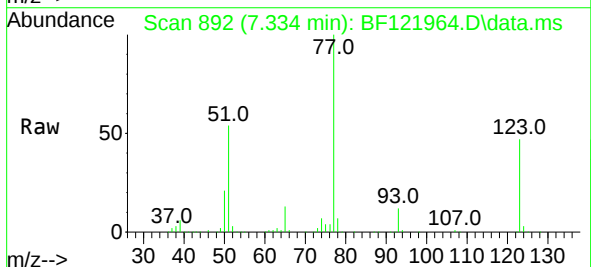
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

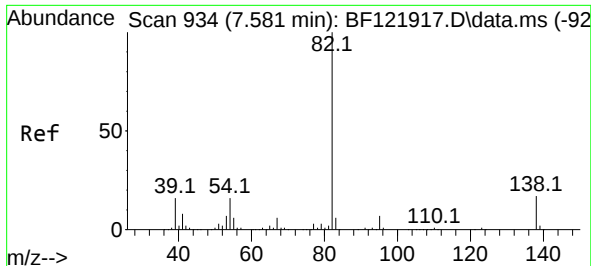
Tgt Ion: 82 Resp: 569729
Ion Ratio Lower Upper
82 100
128 41.5 35.0 52.4
54 54.5 43.9 65.9



#24
Nitrobenzene
Concen: 40.06 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 77 Resp: 397337
Ion Ratio Lower Upper
77 100
123 47.0 35.6 53.4
65 13.5 11.2 16.8

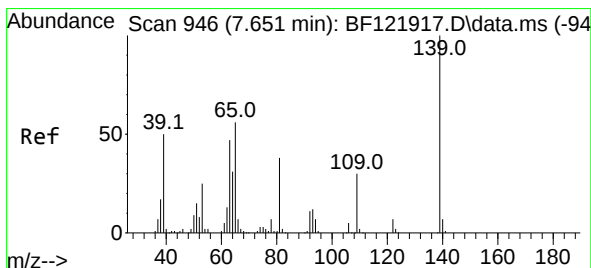
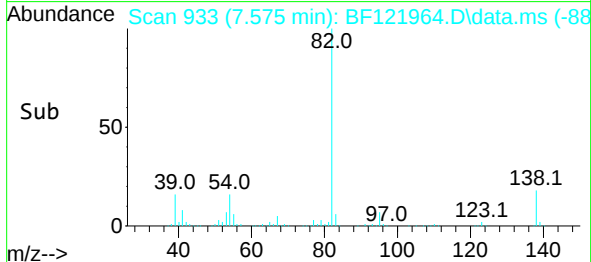
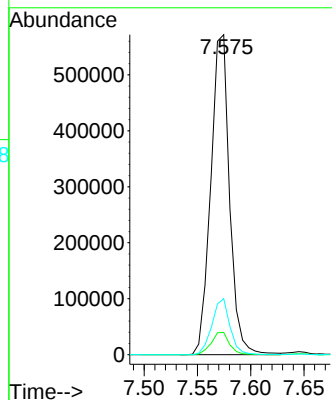
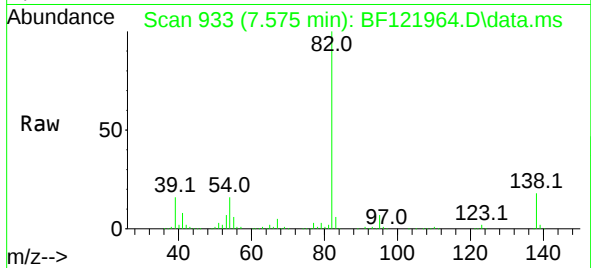




#25
Isophorone
Concen: 40.14 ng
RT: 7.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

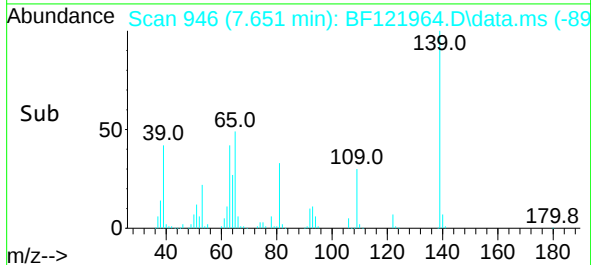
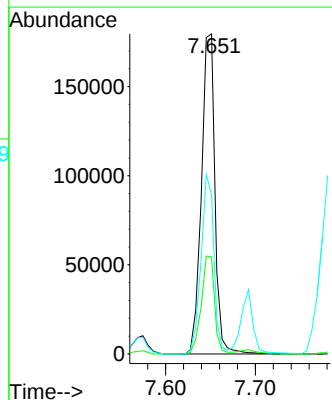
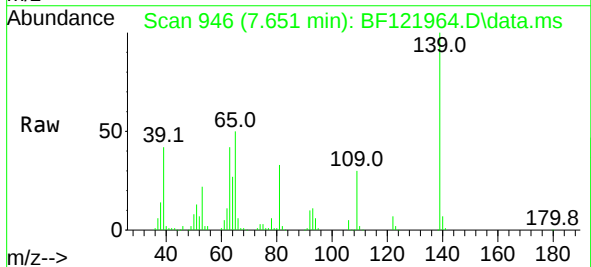
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

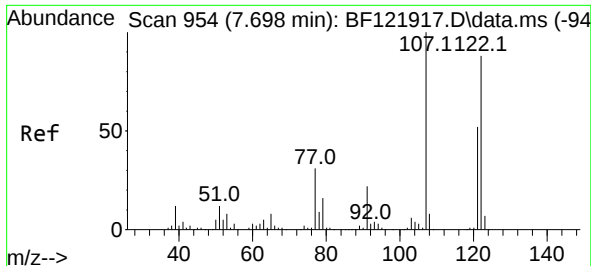
Tgt Ion: 82 Resp: 704238
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.5 13.4 20.0



#26
2-Nitrophenol
Concen: 41.21 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 139 Resp: 188223
Ion Ratio Lower Upper
139 100
109 30.3 23.0 34.4
65 49.7 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 40.30 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

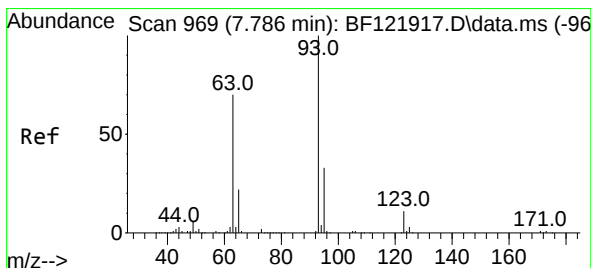
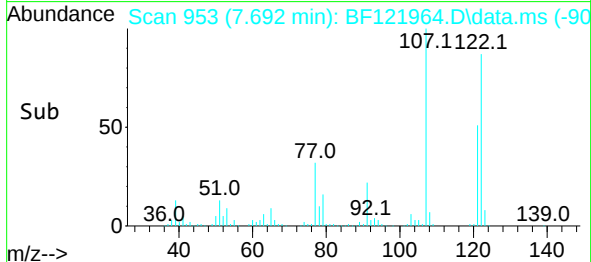
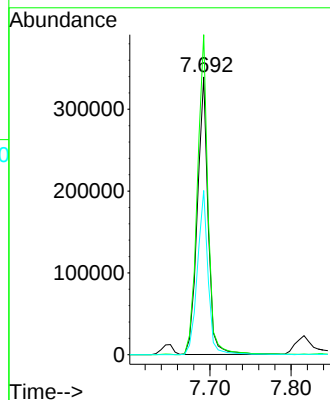
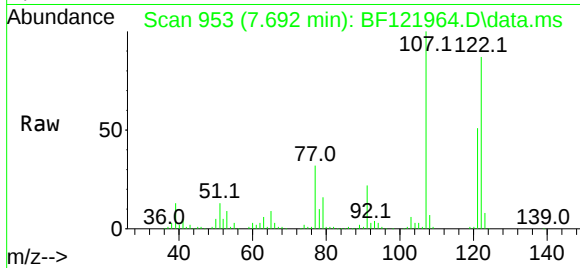
Tgt Ion:122 Resp: 313731

Ion Ratio Lower Upper

122 100

107 115.2 90.8 136.2

121 59.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.44 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

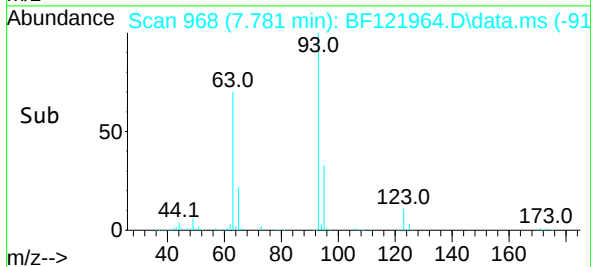
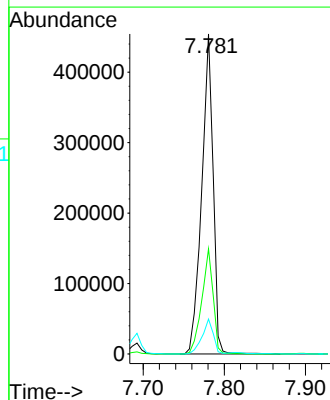
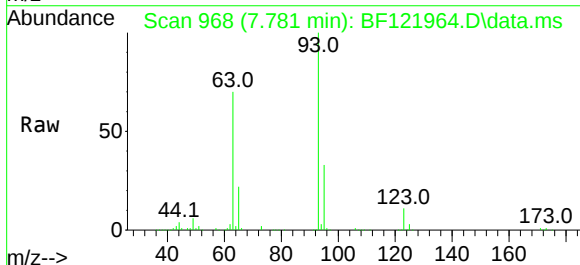
Tgt Ion: 93 Resp: 443870

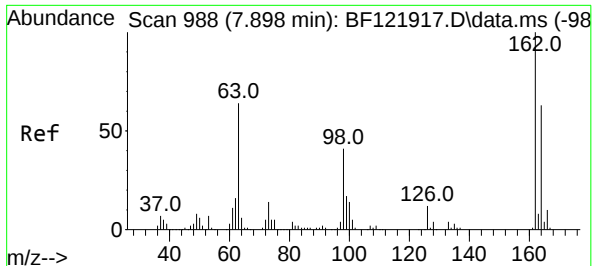
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 10.9 8.8 13.2

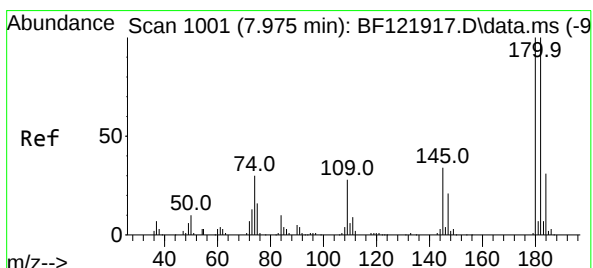
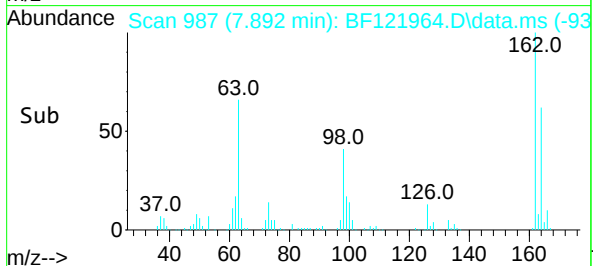
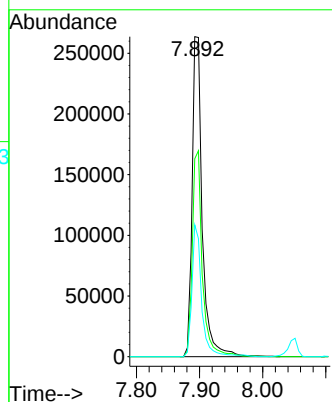
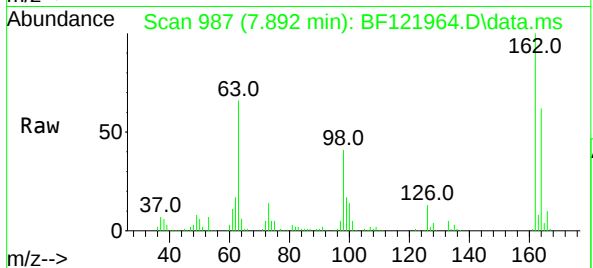




#29
2,4-Dichlorophenol
Concen: 40.72 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

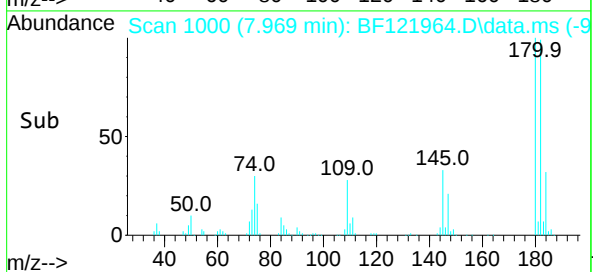
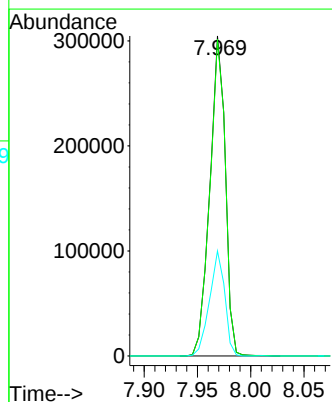
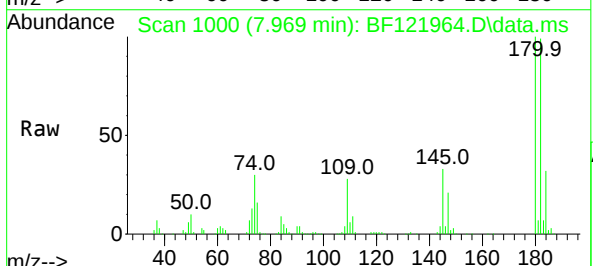
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

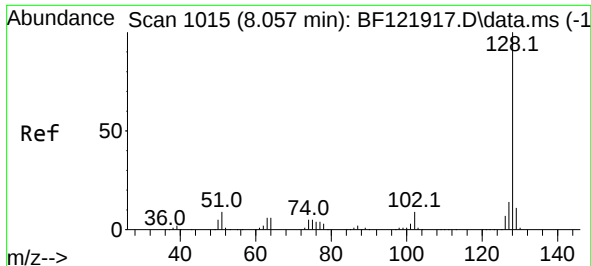
Tgt Ion:162 Resp: 296867
Ion Ratio Lower Upper
162 100
164 61.8 42.5 82.5
98 41.2 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 39.75 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:180 Resp: 308124
Ion Ratio Lower Upper
180 100
182 98.9 79.4 119.2
145 32.8 25.5 38.3

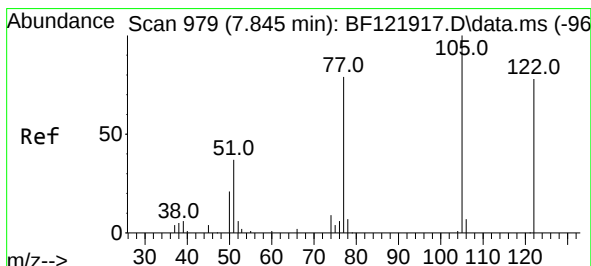
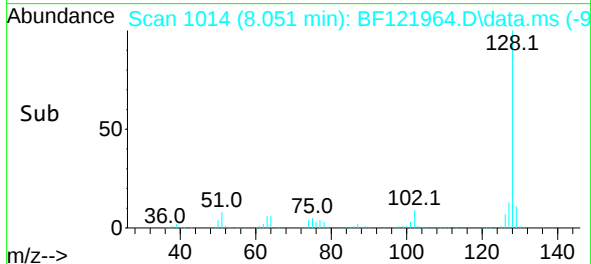
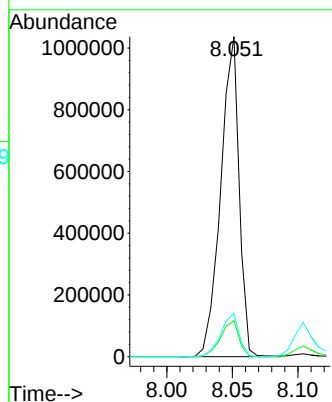
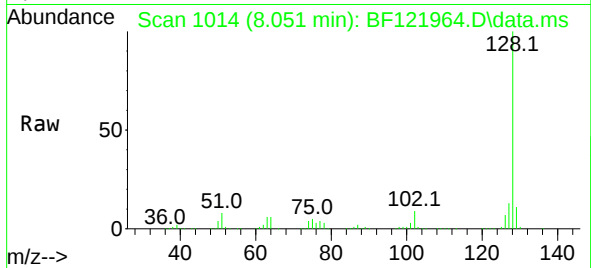




#31
Naphthalene
Concen: 39.64 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

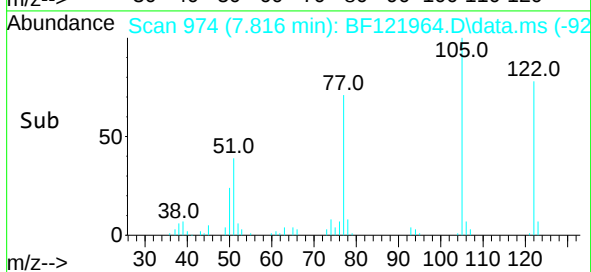
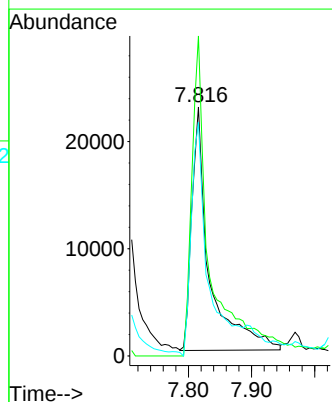
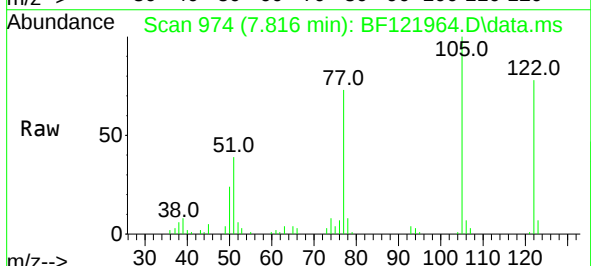
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

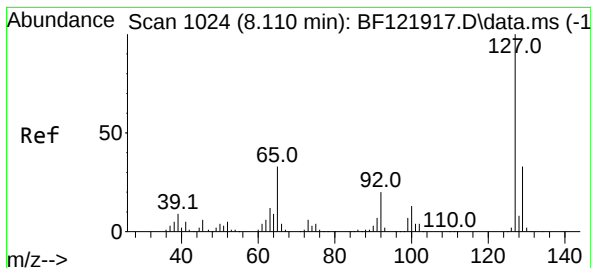
Tgt Ion:128 Resp: 1010484
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 16.06 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:122 Resp: 44351
Ion Ratio Lower Upper
122 100
105 128.5 103.3 143.3
77 94.0 73.9 113.9

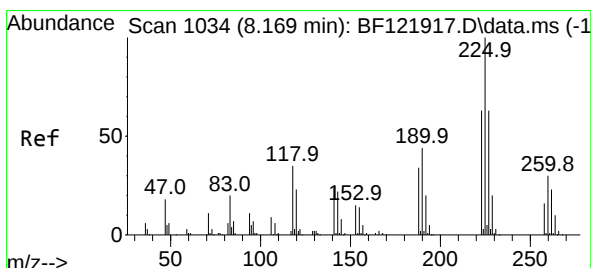
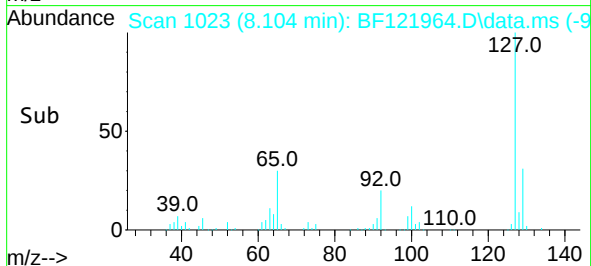
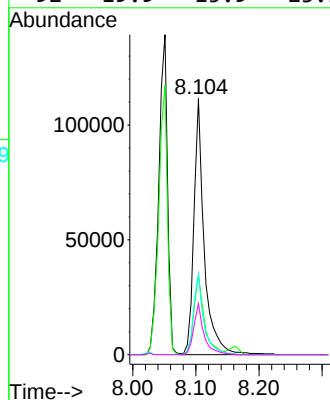
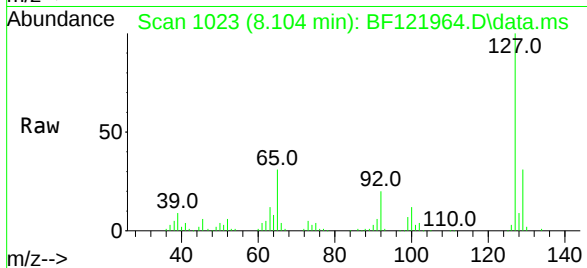




#33
4-Chloroaniline
Concen: 11.79 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

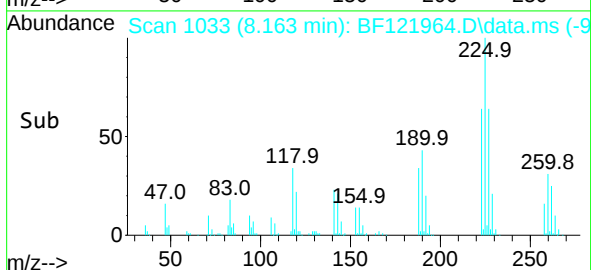
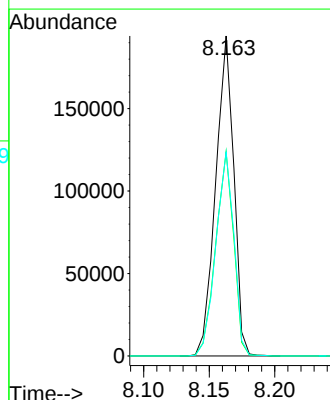
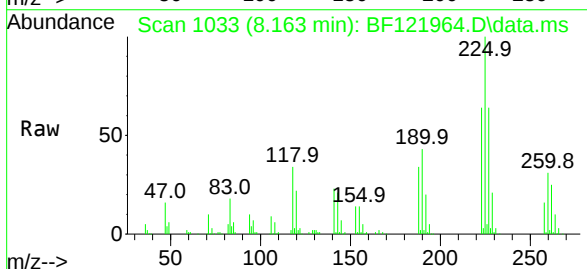
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

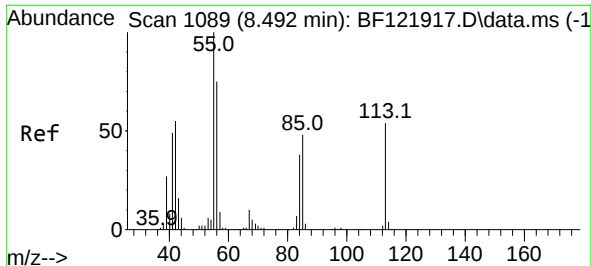
Tgt Ion:	127	Resp:	128024
Ion Ratio	Lower	Upper	
127	100		
129	31.3	26.3	39.5
65	31.3	26.2	39.2
92	19.9	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.52 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:	225	Resp:	186261
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.1	76.7
227	63.7	51.0	76.6

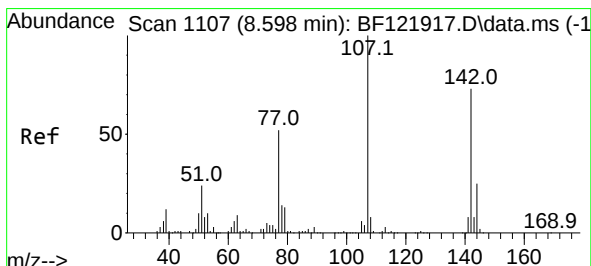
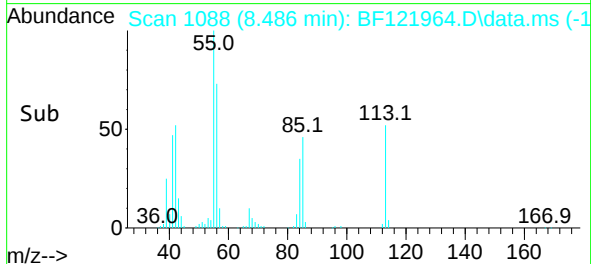
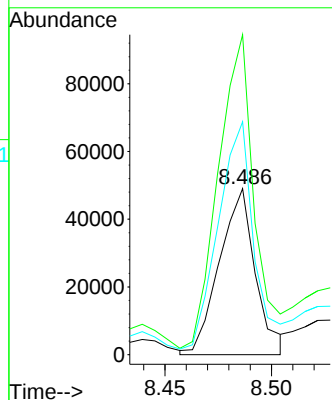
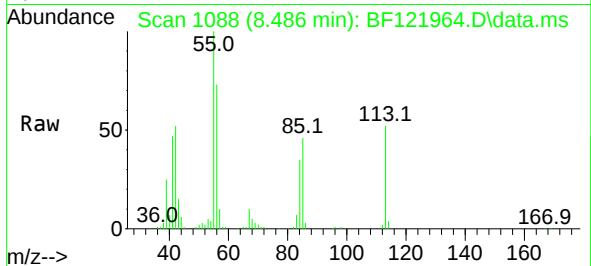




#35
Caprolactam
Concen: 24.90 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

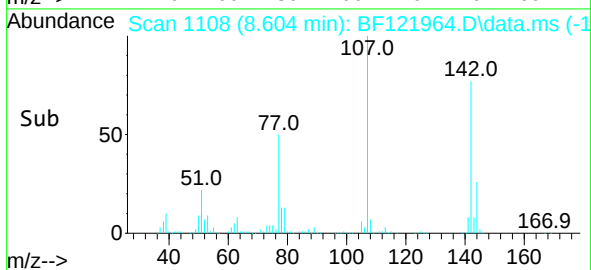
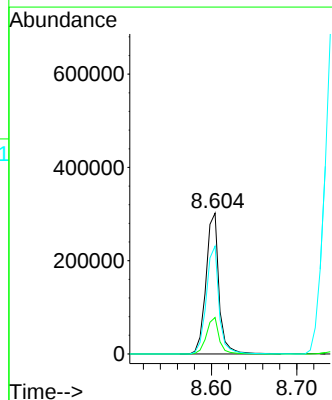
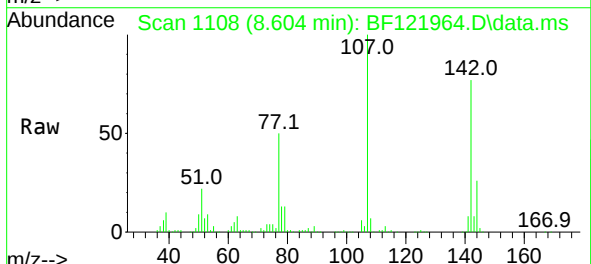
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

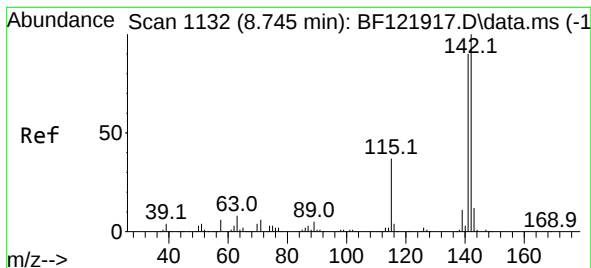
Tgt Ion:113 Resp: 57649
Ion Ratio Lower Upper
113 100
55 192.7 167.5 207.5
56 140.3 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 40.75 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:107 Resp: 319126
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 76.6 59.3 88.9

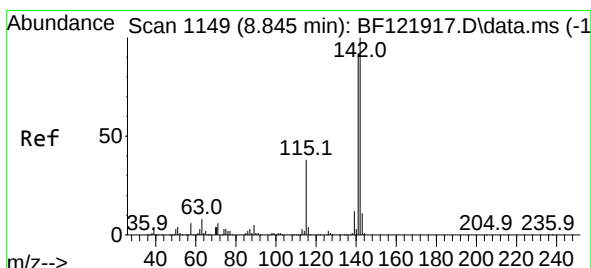
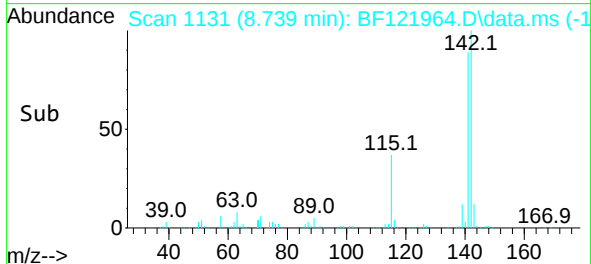
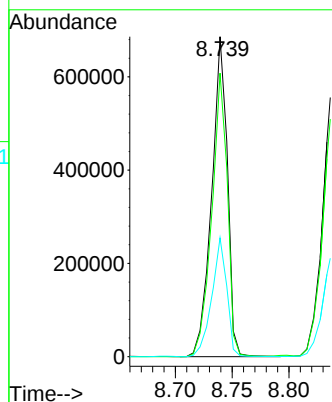
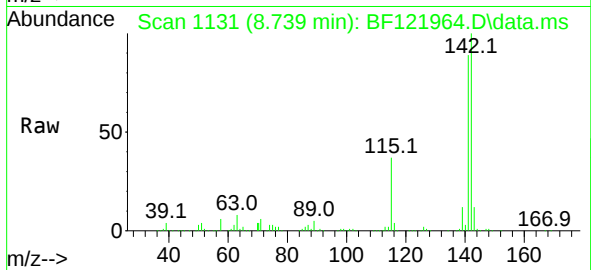




#37
2-Methylnaphthalene
Concen: 39.91 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

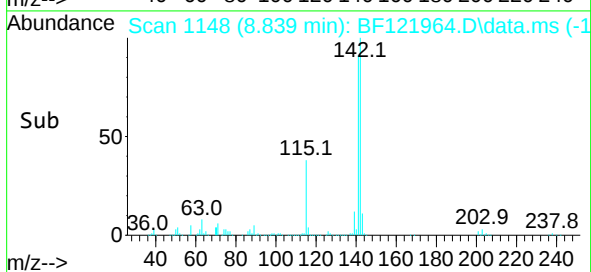
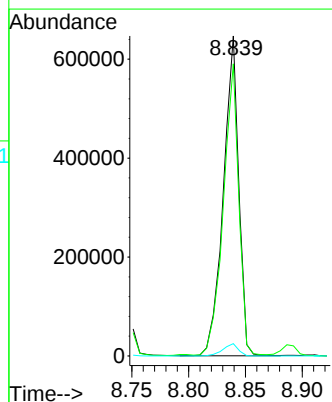
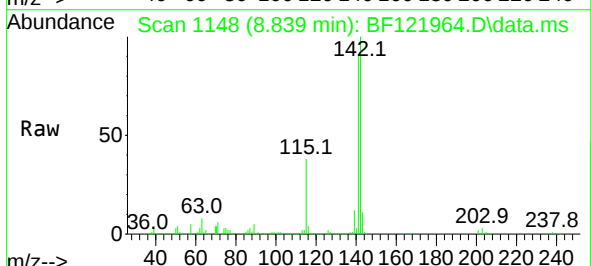
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

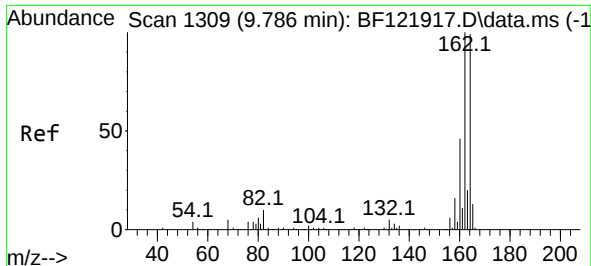
Tgt Ion:142 Resp: 658834
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.4
115 37.1 28.6 43.0



#38
1-Methylnaphthalene
Concen: 39.89 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:142 Resp: 609929
Ion Ratio Lower Upper
142 100
141 91.3 74.5 111.7
116 3.9 3.2 4.8

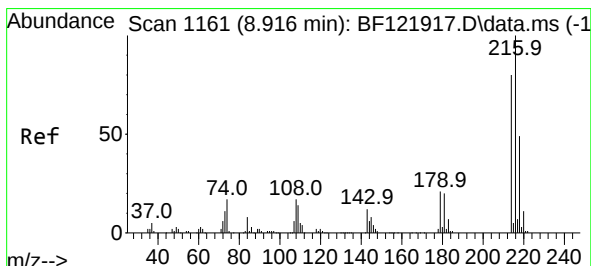
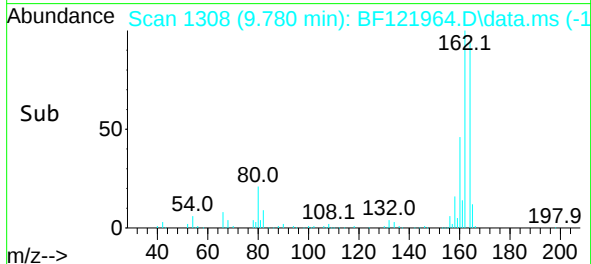
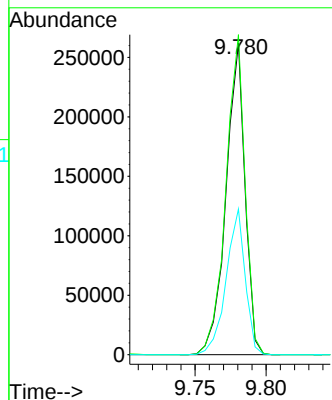
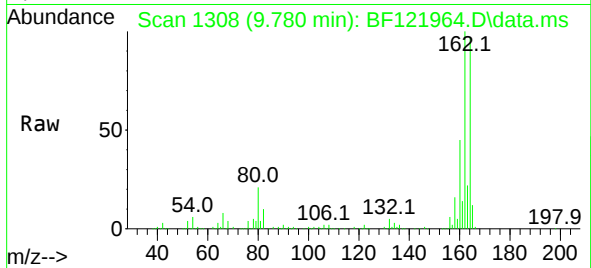




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

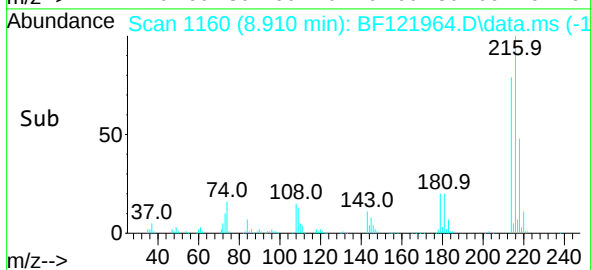
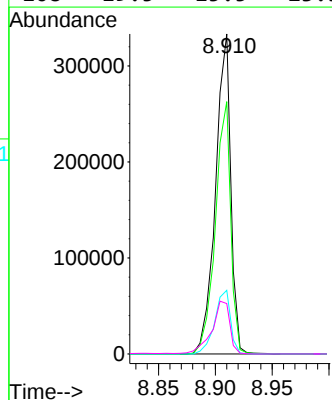
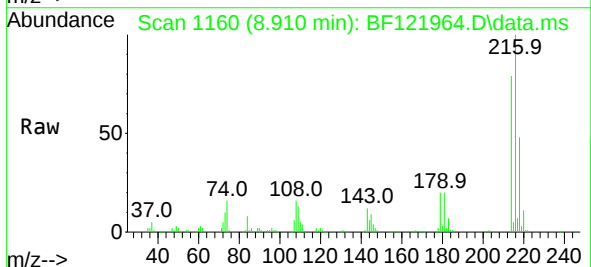
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

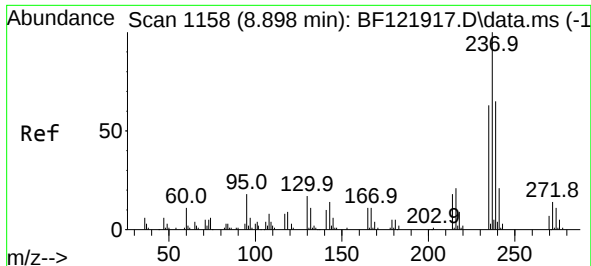
Tgt Ion:164 Resp: 243768
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 46.8 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.59 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:216 Resp: 311494
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 20.6 17.0 25.6
108 19.5 15.5 23.3

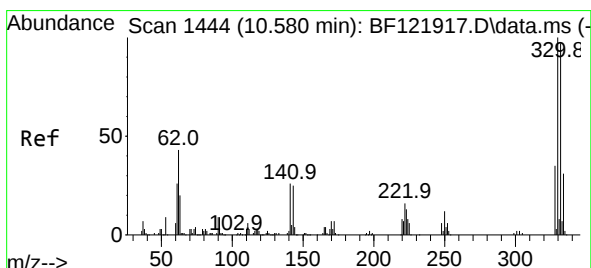
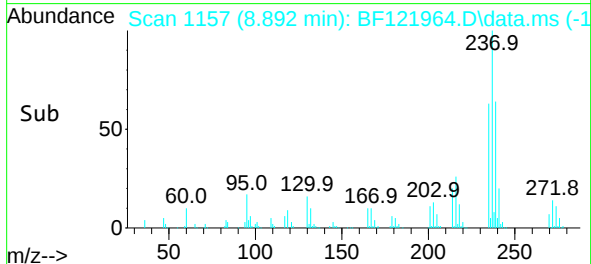
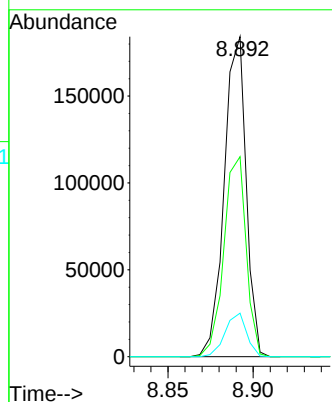
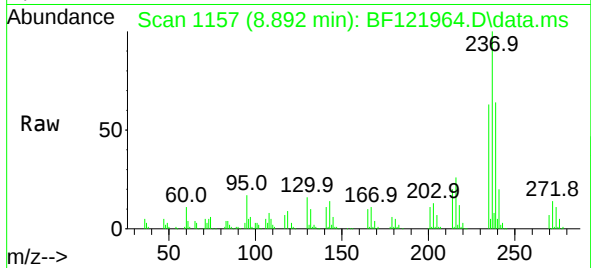




#41
Hexachlorocyclopentadiene
Concen: 70.23 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

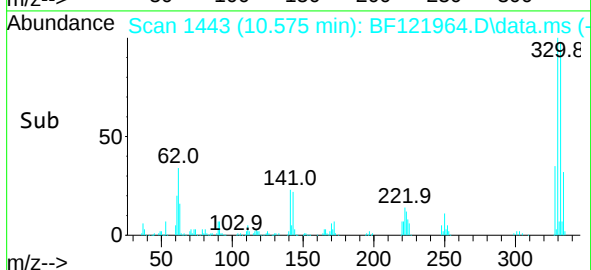
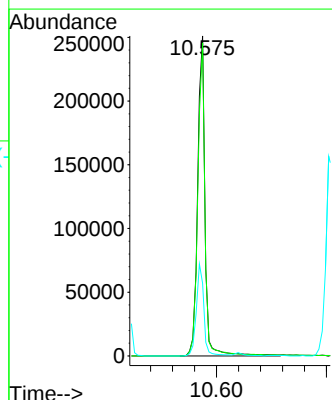
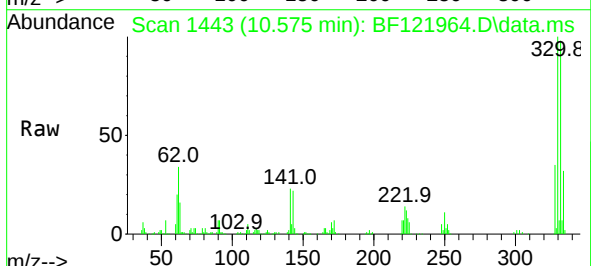
Instrument :
BNA_F
ClientSampled :
BB-SOILMS

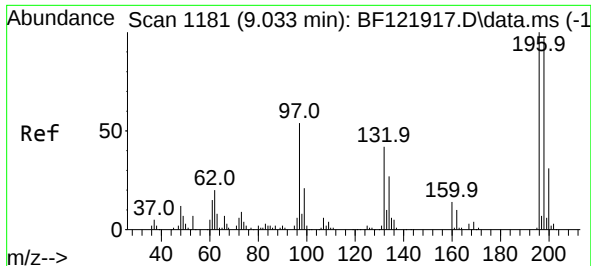
Tgt Ion:237 Resp: 164916
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 77.29 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:330 Resp: 233057
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.2 22.3 33.5

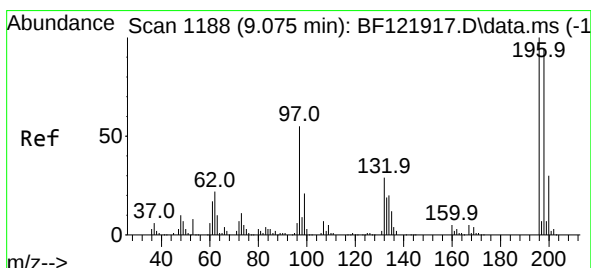
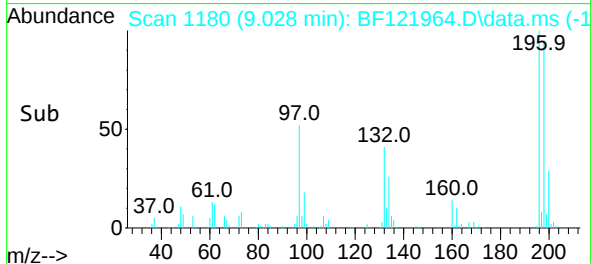
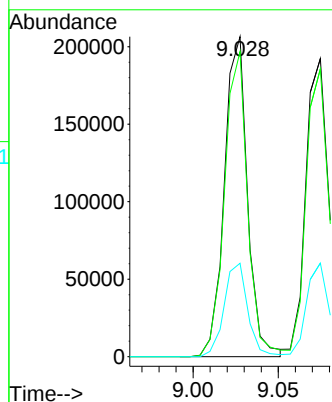
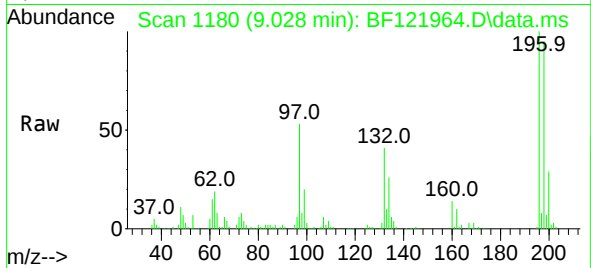




#43
2,4,6-Trichlorophenol
Concen: 40.14 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

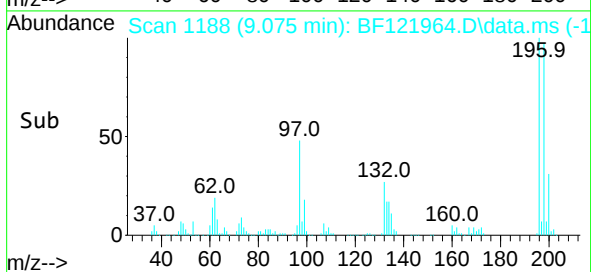
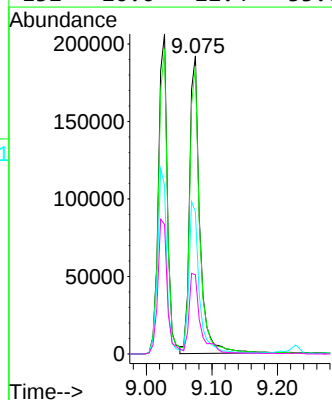
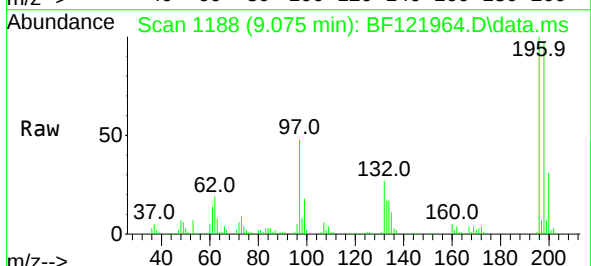
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

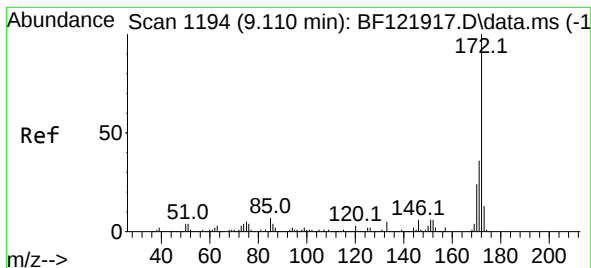
Tgt Ion:196 Resp: 194868
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
200 29.2 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 39.40 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:196 Resp: 206540
Ion Ratio Lower Upper
196 100
198 96.6 76.1 114.1
97 47.6 41.0 61.6
132 26.6 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 60.21 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

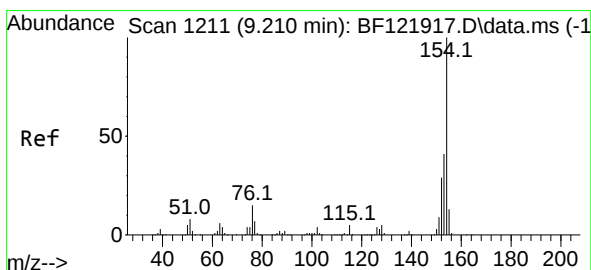
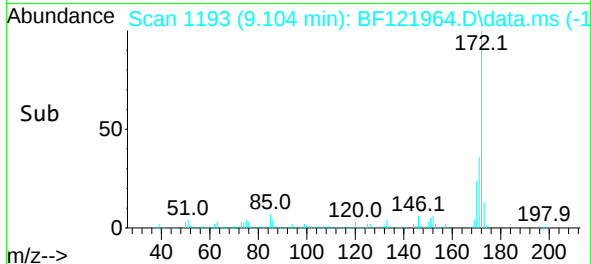
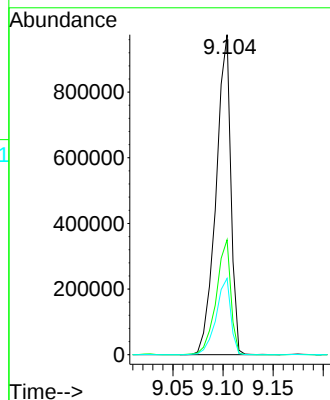
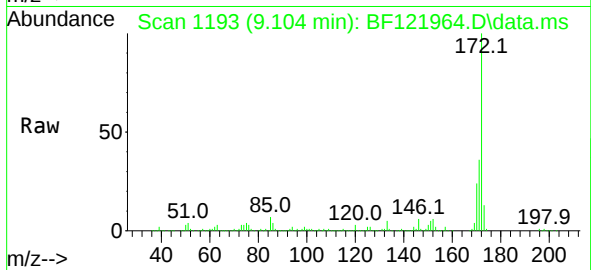
Tgt Ion:172 Resp: 997579

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

170 23.8 19.8 29.6



#46

1,1'-Biphenyl

Concen: 39.74 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

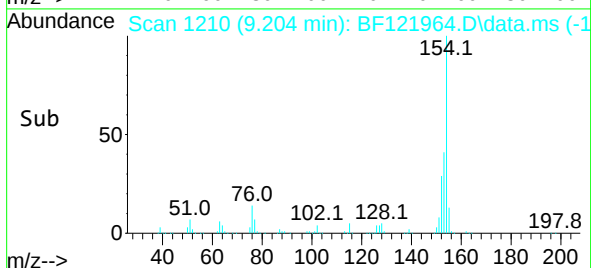
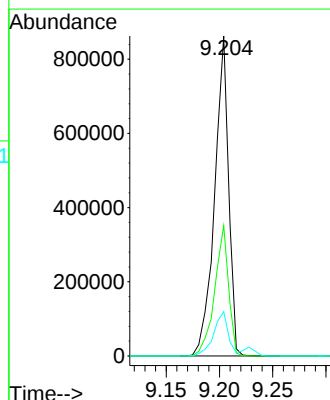
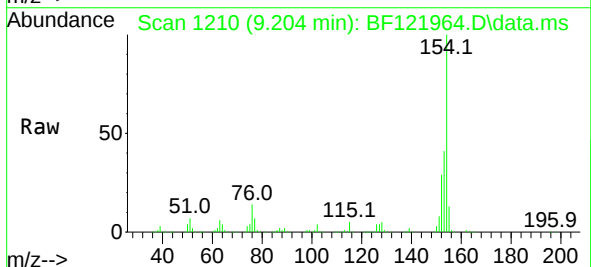
Tgt Ion:154 Resp: 787591

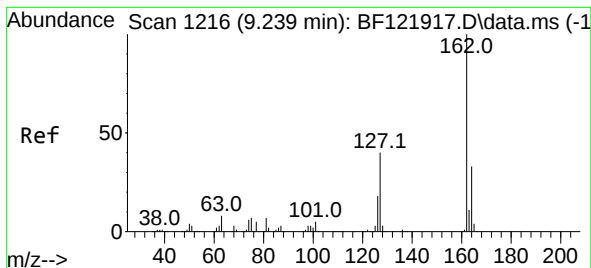
Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

76 13.9 0.0 34.7

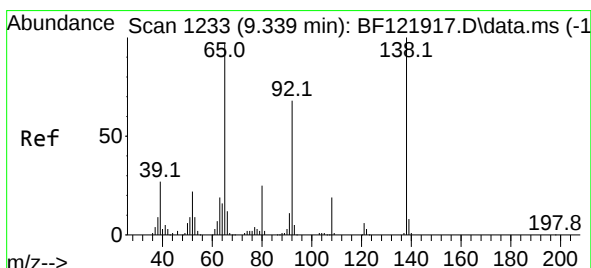
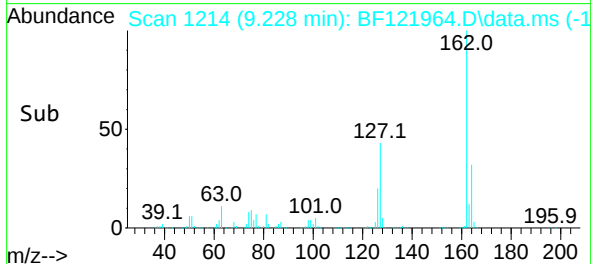
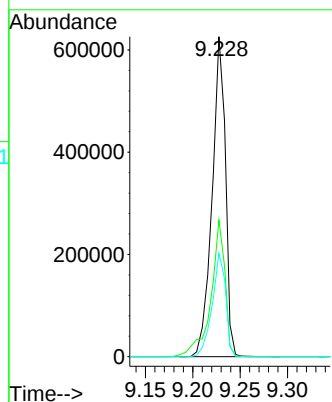
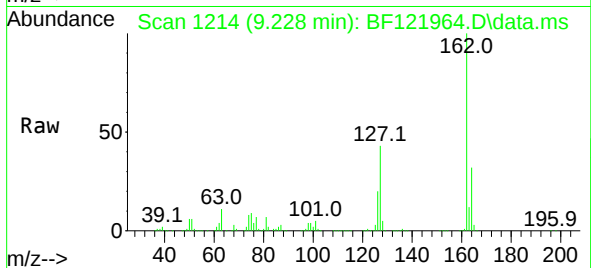




#47
2-Chloronaphthalene
Concen: 39.87 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

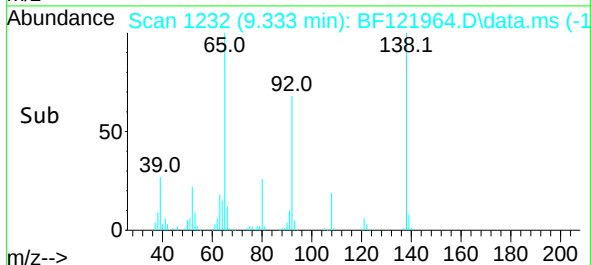
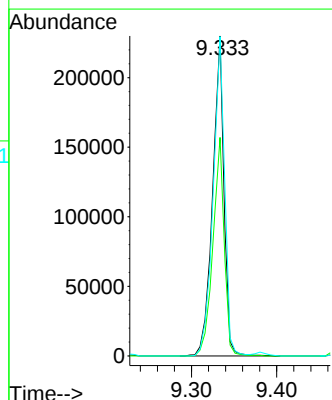
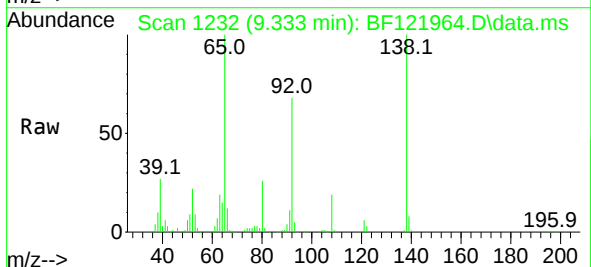
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

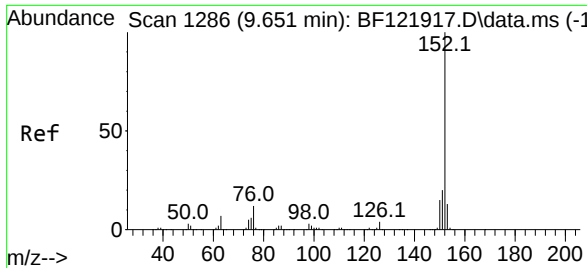
Tgt Ion:162 Resp: 614482
Ion Ratio Lower Upper
162 100
127 42.7 34.4 51.6
164 32.3 26.3 39.5



#48
2-Nitroaniline
Concen: 41.99 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion: 65 Resp: 213482
Ion Ratio Lower Upper
65 100
92 68.3 55.1 82.7
138 99.8 80.5 120.7

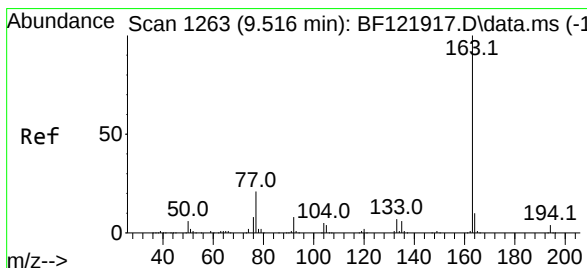
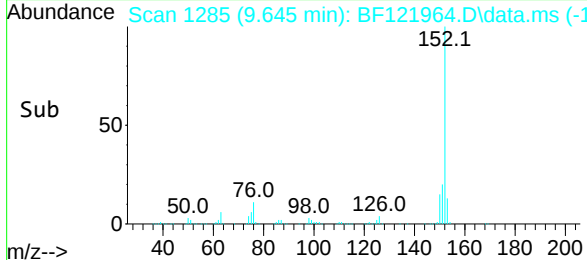
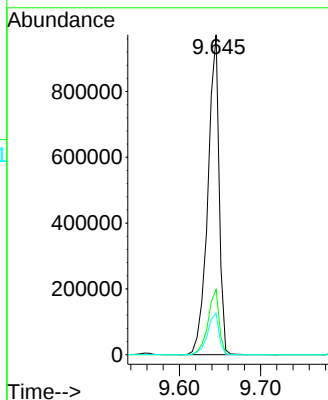
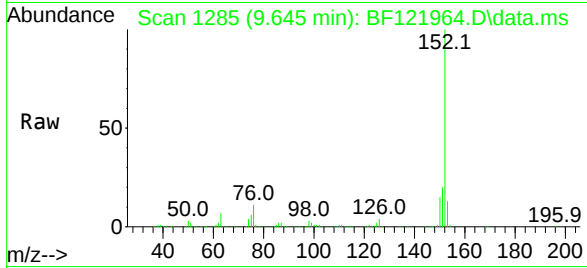




#49
Acenaphthylene
Concen: 39.42 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

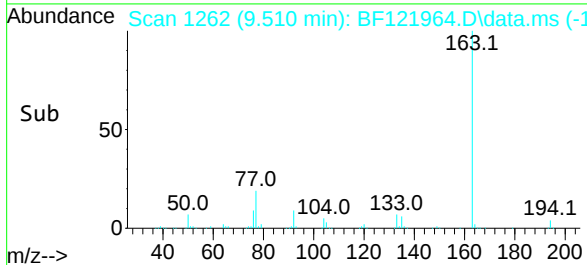
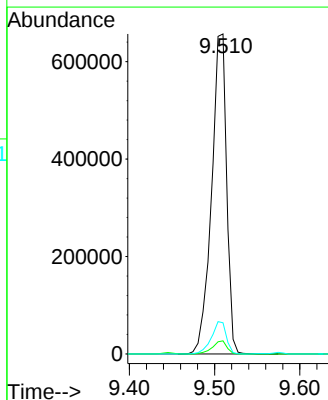
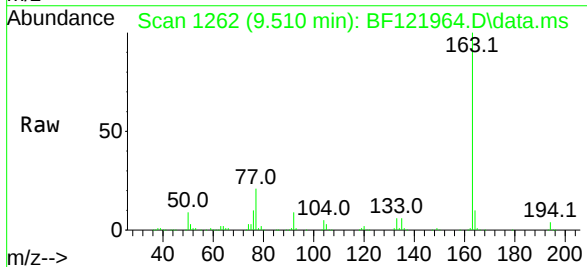
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

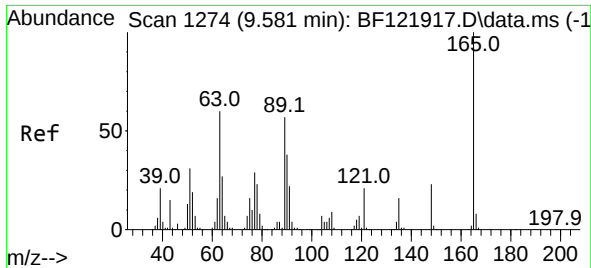
Tgt Ion:152 Resp: 933164
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 45.47 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:163 Resp: 810485
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.2 12.4

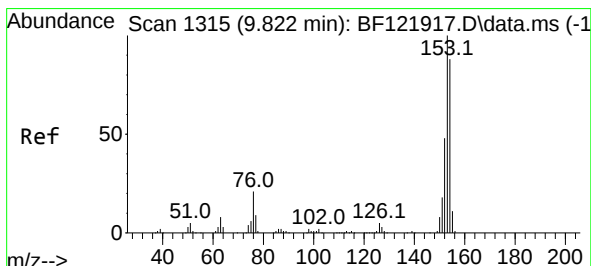
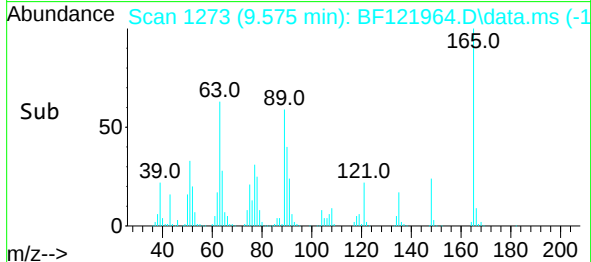
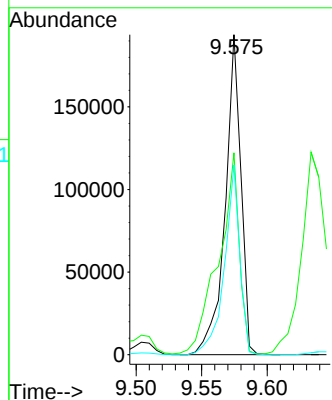
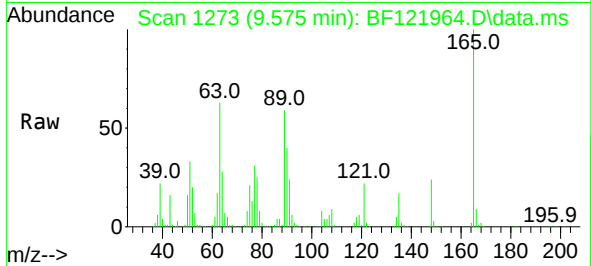




#51
2,6-Dinitrotoluene
Concen: 41.29 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

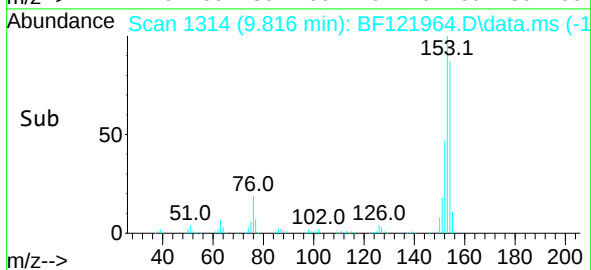
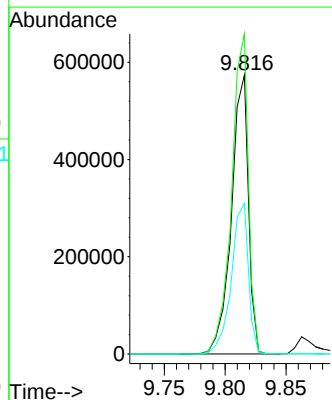
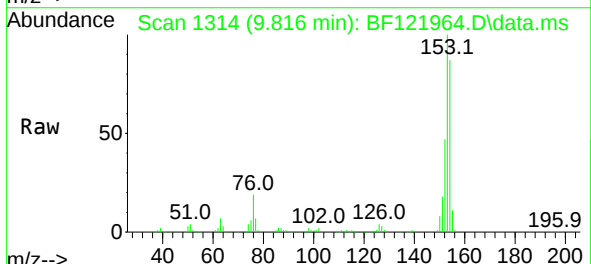
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

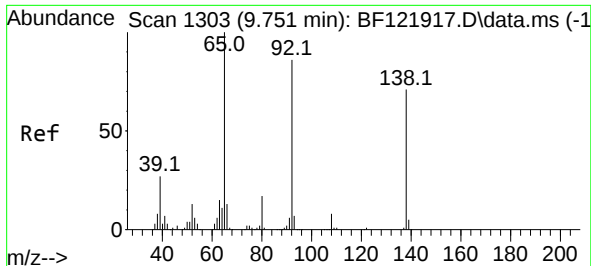
Tgt Ion:165 Resp: 161431
Ion Ratio Lower Upper
165 100
63 63.1 51.8 77.6
89 59.3 49.0 73.6



#52
Acenaphthene
Concen: 39.59 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:154 Resp: 557448
Ion Ratio Lower Upper
154 100
153 114.8 89.8 134.8
152 54.1 43.2 64.8

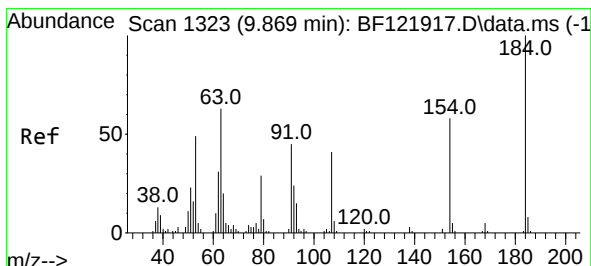
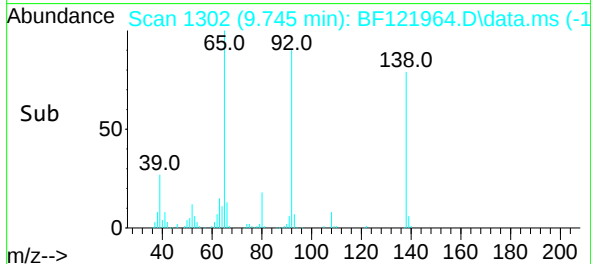
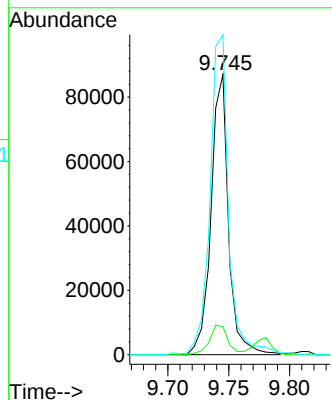
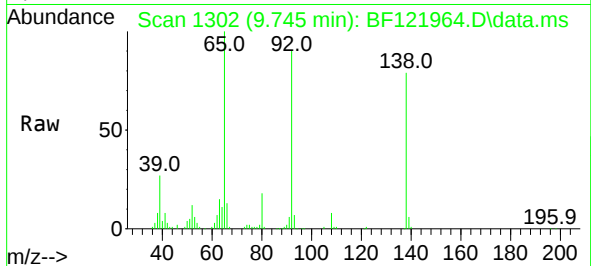




#53
3-Nitroaniline
Concen: 19.52 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

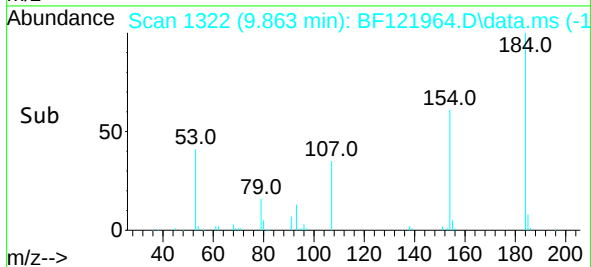
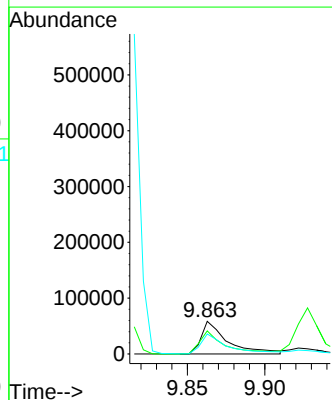
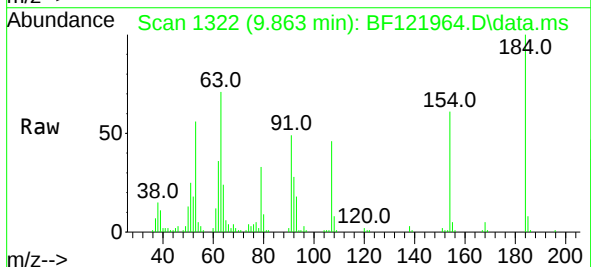
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

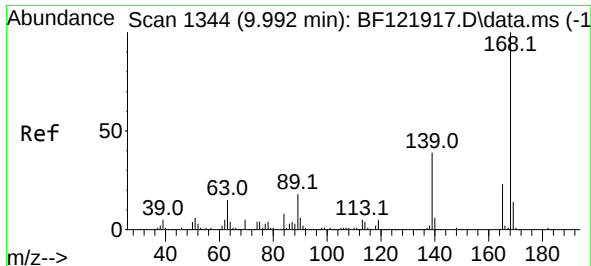
Tgt Ion:138 Resp: 86817
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 114.2 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 39.54 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:184 Resp: 69067
Ion Ratio Lower Upper
184 100
63 70.8 45.9 68.9#
154 61.1 45.8 68.6

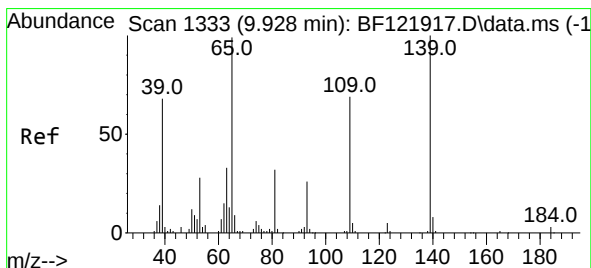
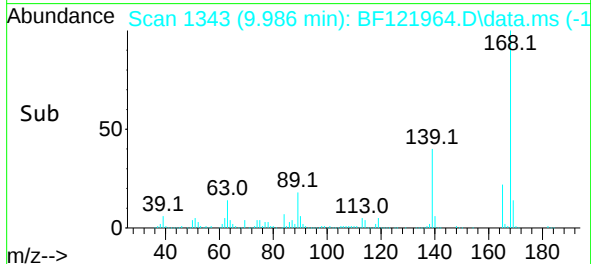
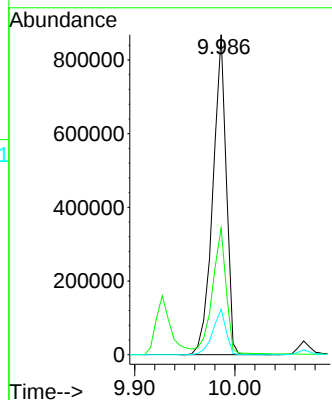
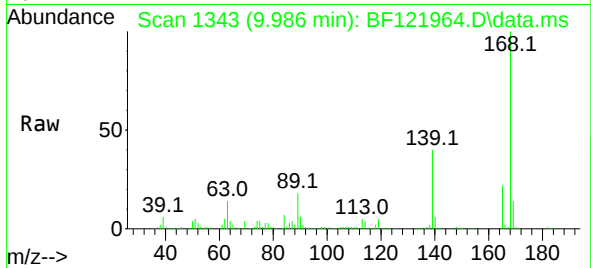




#55
Dibenzenofuran
Concen: 39.24 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

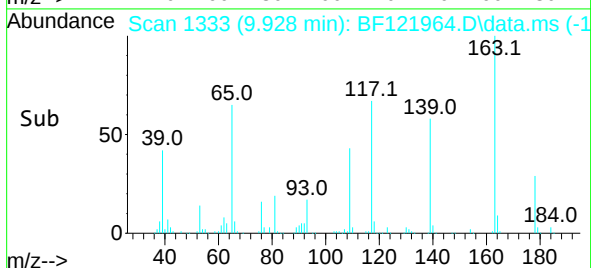
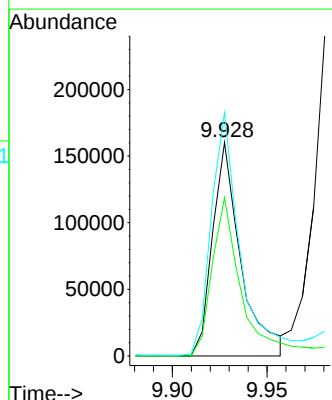
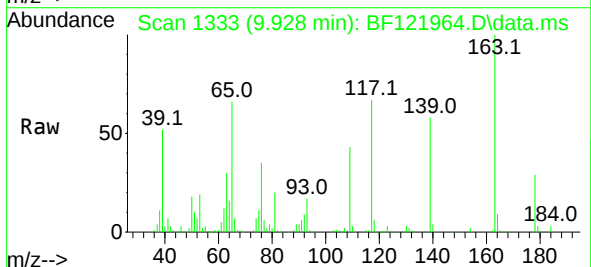
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

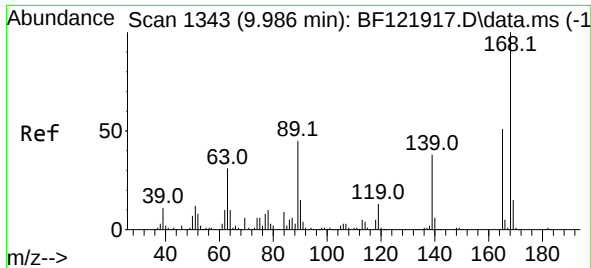
Tgt Ion:168 Resp: 808152
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.6
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 69.04 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:139 Resp: 167005
Ion Ratio Lower Upper
139 100
109 74.1 45.4 85.4
65 113.8 68.4 108.4#

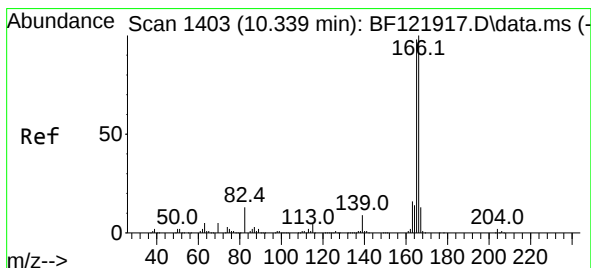
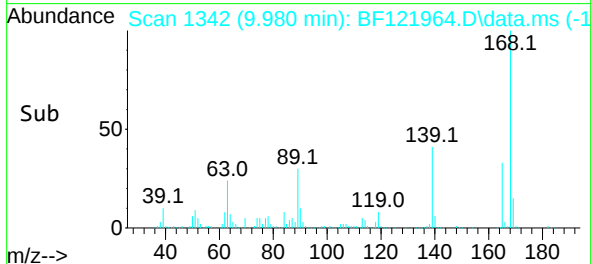
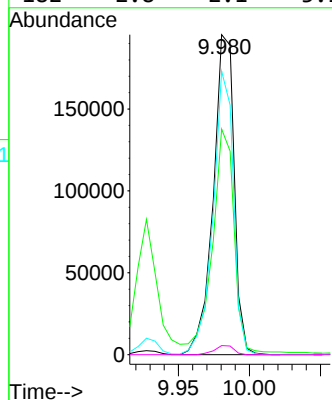
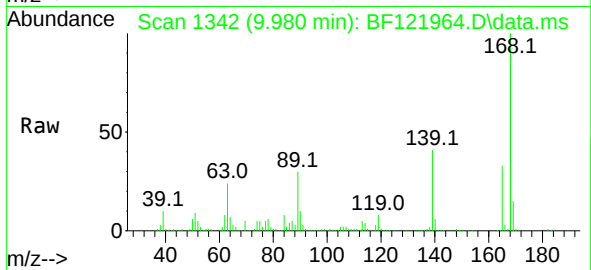




#57
2,4-Dinitrotoluene
Concen: 41.65 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

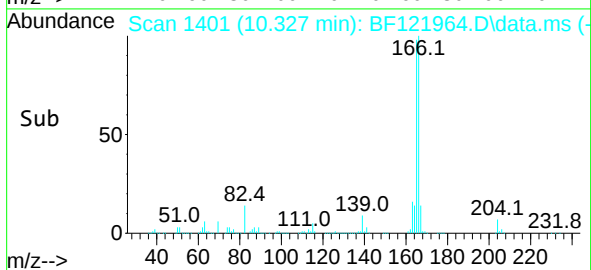
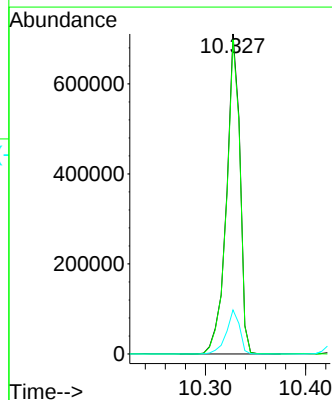
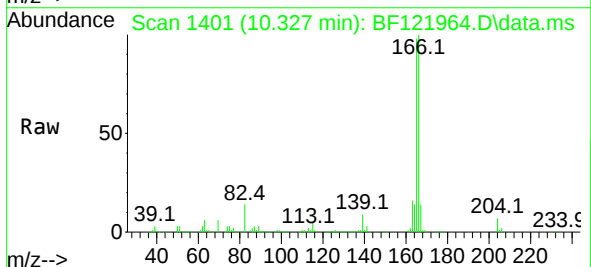
Instrument :
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ClientSampleId :
BB-SOILMS

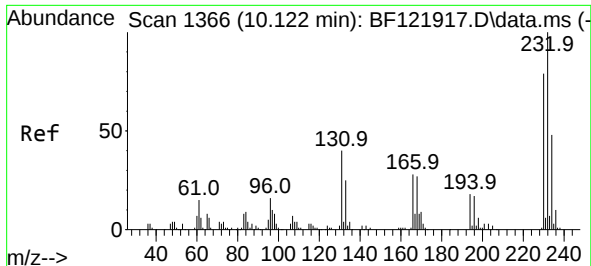
Tgt Ion:165 Resp: 200479
Ion Ratio Lower Upper
165 100
63 70.5 41.3 61.9#
89 88.6 61.8 92.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 39.92 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:166 Resp: 662317
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.8 11.0 16.6

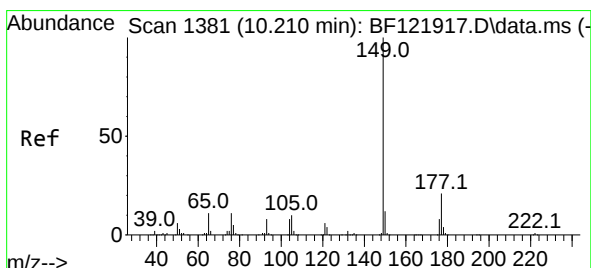
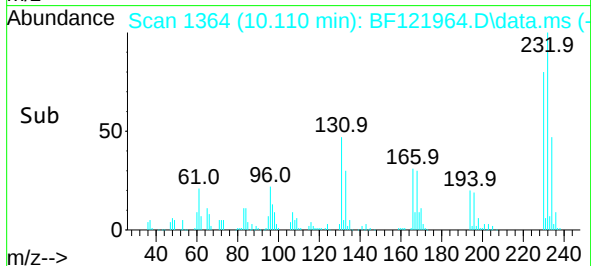
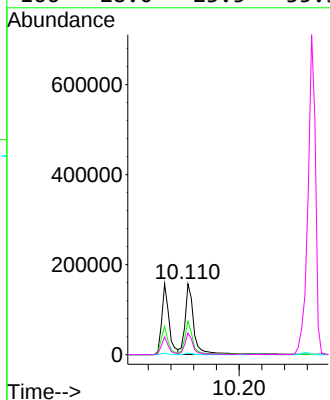
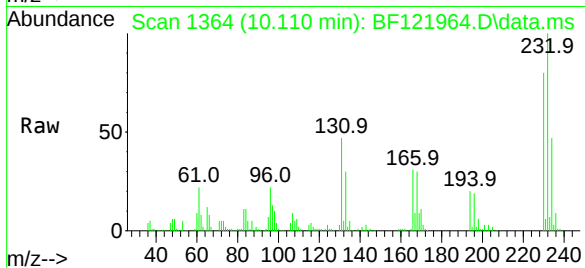




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.09 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

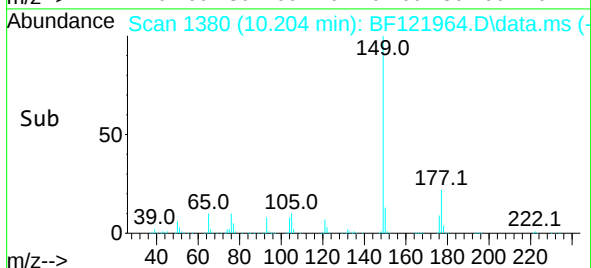
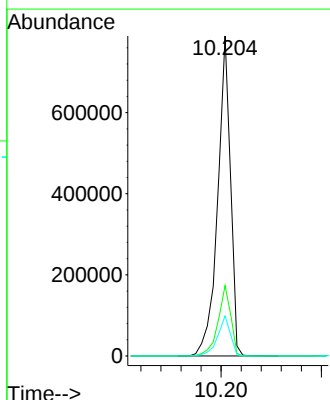
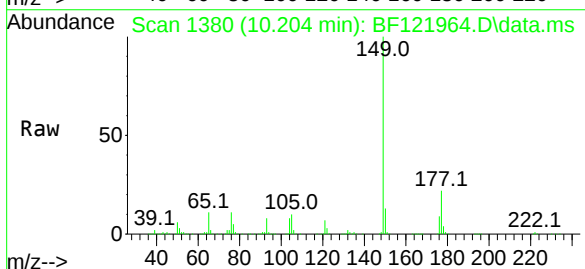
Instrument :
BNA_F
ClientSampled :
BB-SOILMS

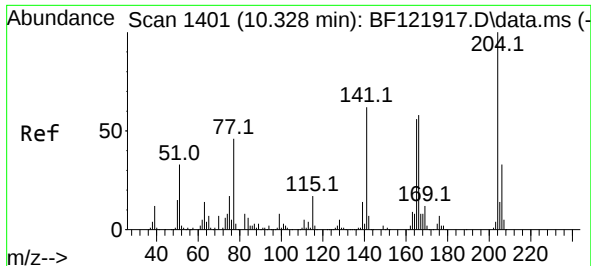
Tgt Ion:232 Resp: 166681
Ion Ratio Lower Upper
232 100
131 41.4 35.9 53.9
130 2.2 1.8 2.6
166 28.0 23.5 35.3



#60
Diethylphthalate
Concen: 40.54 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:149 Resp: 696852
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.5 10.3 15.5

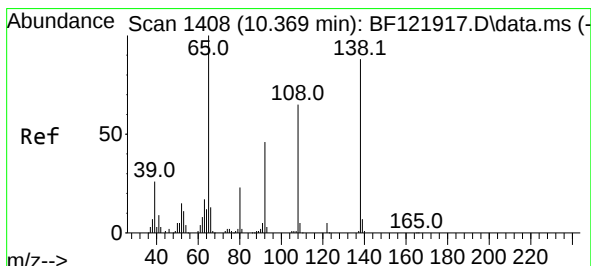
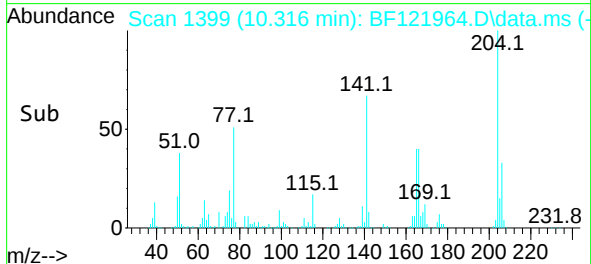
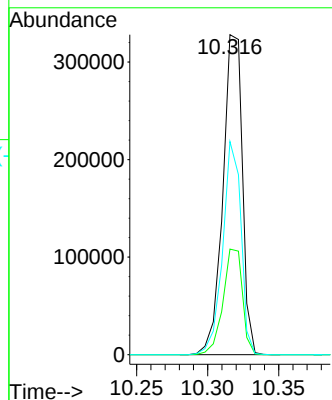
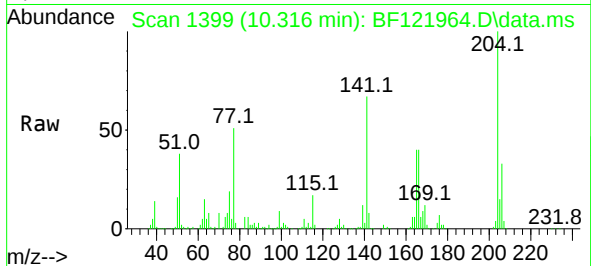




#61
4-Chlorophenyl-phenylether
Concen: 39.31 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

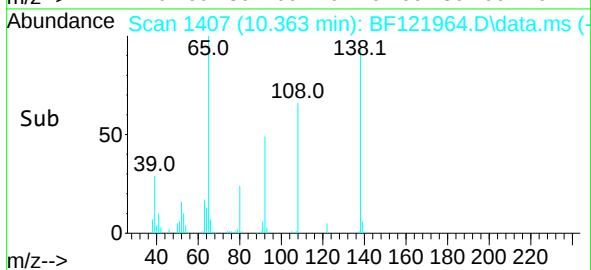
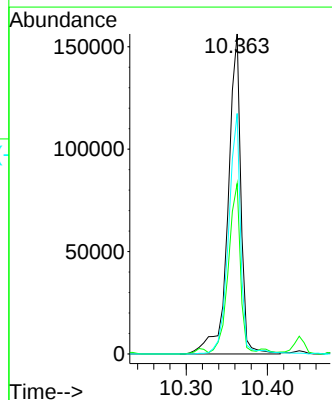
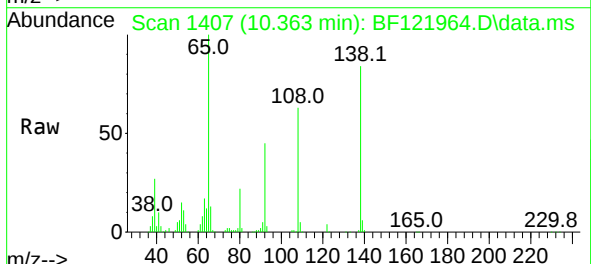
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

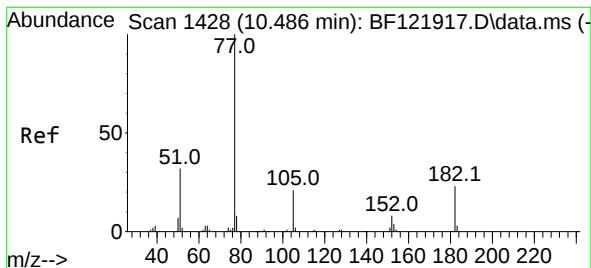
Tgt Ion:204 Resp: 312785
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 66.6 46.2 69.4



#62
4-Nitroaniline
Concen: 38.71 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:138 Resp: 171978
Ion Ratio Lower Upper
138 100
92 53.3 31.0 71.0
108 75.1 51.5 91.5





#63

Azobenzene

Concen: 40.66 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

Tgt Ion: 77 Resp: 739090

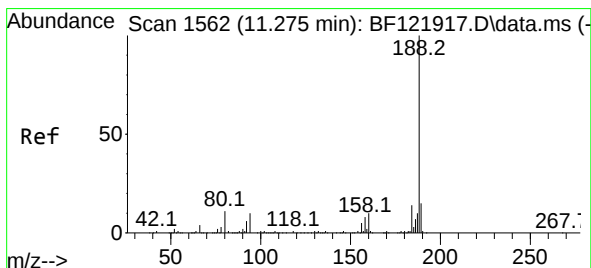
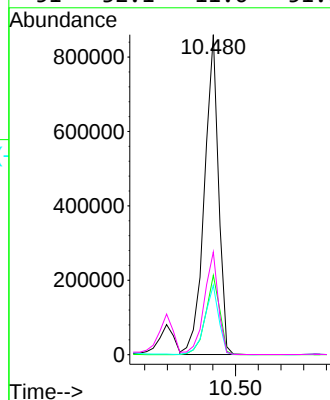
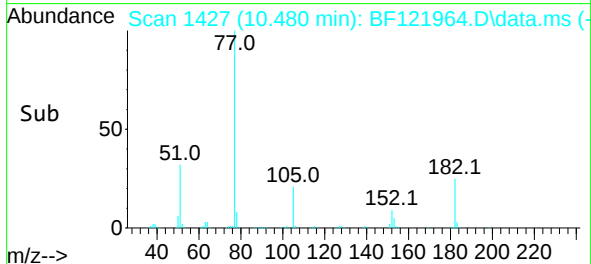
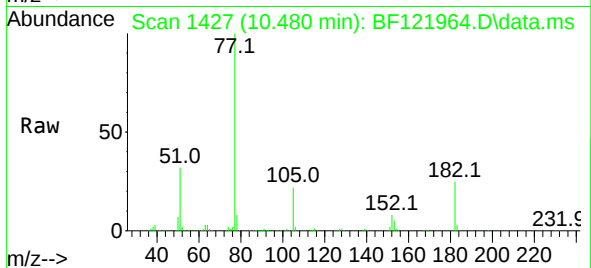
Ion Ratio Lower Upper

77 100

182 24.8 3.4 43.4

105 21.7 1.7 41.7

51 32.1 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.012 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

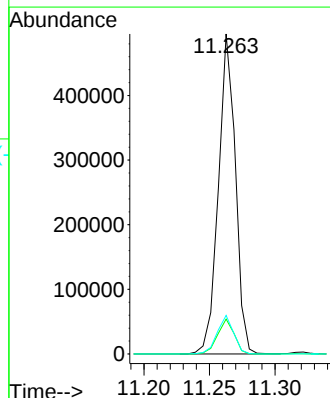
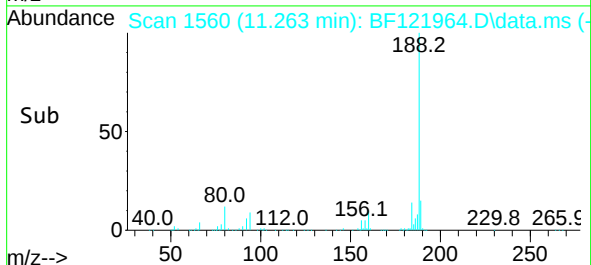
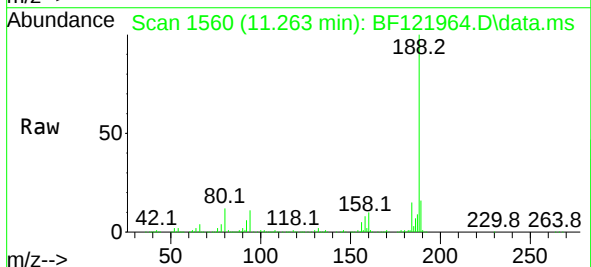
Tgt Ion: 188 Resp: 446402

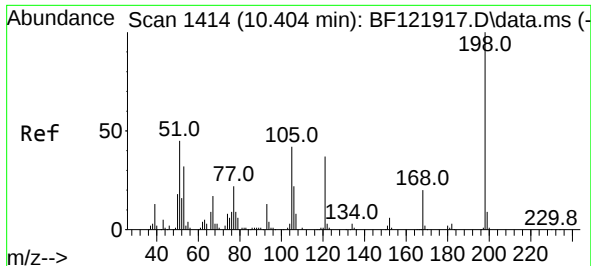
Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

80 12.1 9.1 13.7

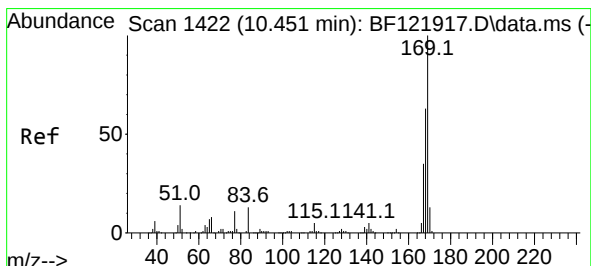
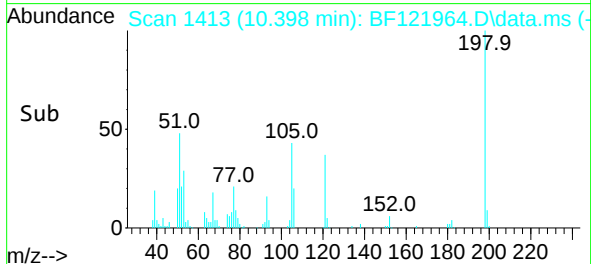
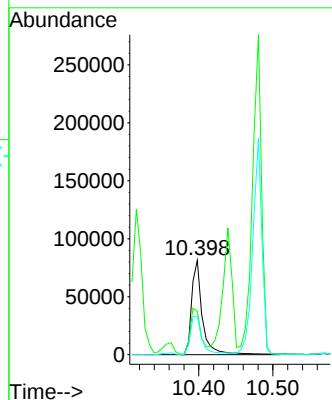
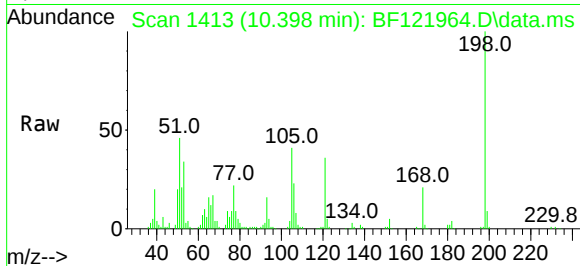




#65
4,6-Dinitro-2-methylphenol
Concen: 29.41 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

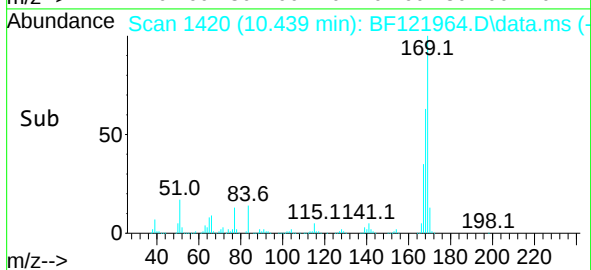
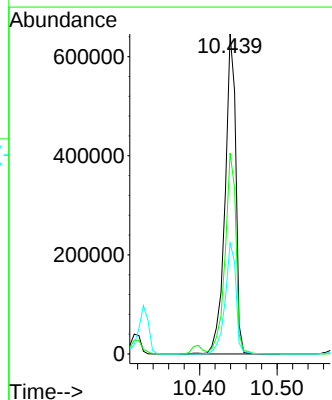
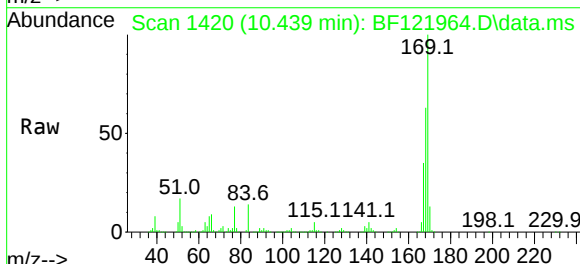
Instrument :
BNA_F
ClientSampled :
BB-SOILMS

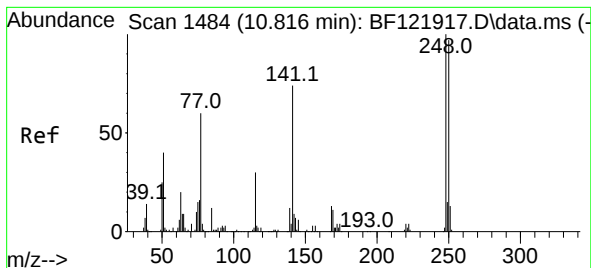
Tgt Ion:198 Resp: 82318
Ion Ratio Lower Upper
198 100
51 46.0 29.6 69.6
105 41.1 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 40.60 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:169 Resp: 624343
Ion Ratio Lower Upper
169 100
168 62.8 50.0 75.0
167 34.6 27.8 41.6

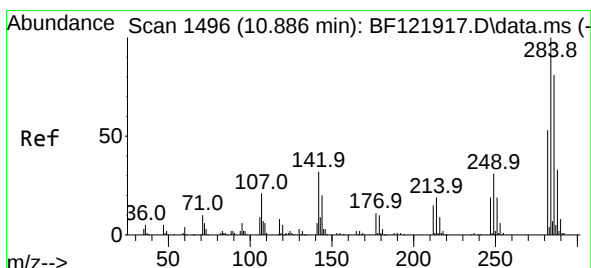
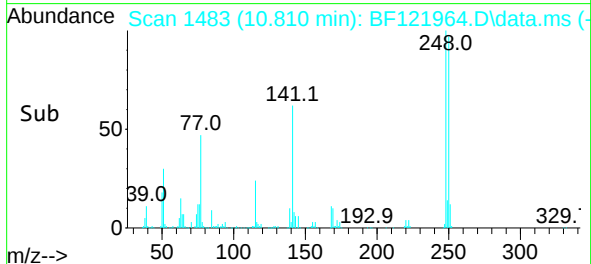
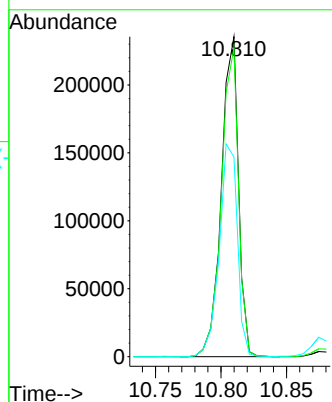
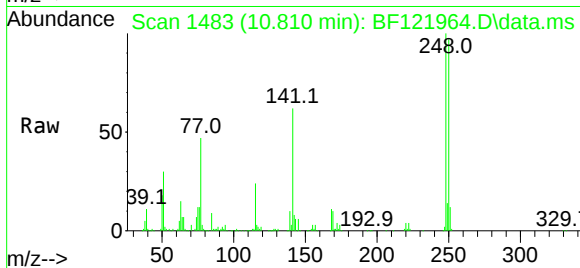




#67
4-Bromophenyl-phenylether
Concen: 41.31 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

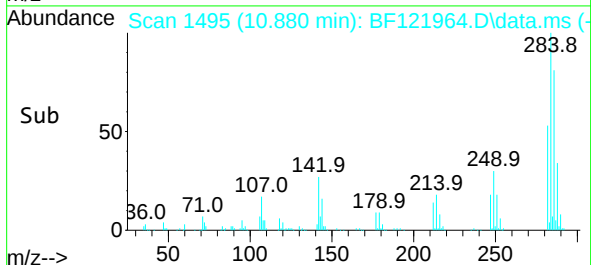
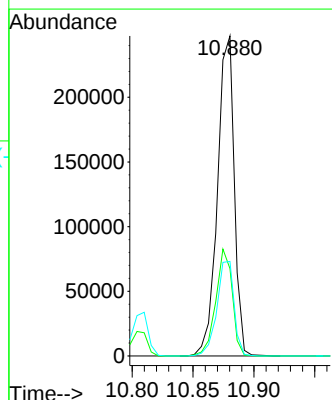
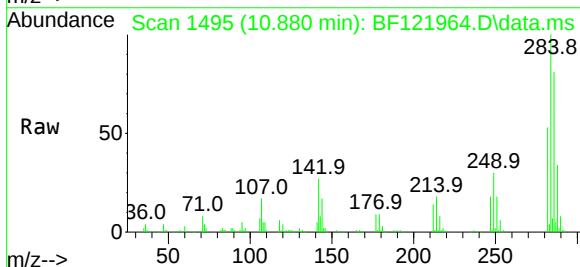
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

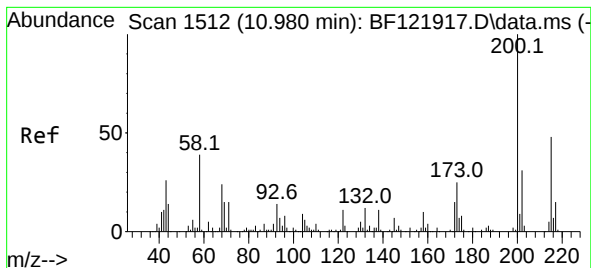
Tgt Ion:248 Resp: 213072
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.6
141 62.4 53.7 80.5



#68
Hexachlorobenzene
Concen: 40.85 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:284 Resp: 238483
Ion Ratio Lower Upper
284 100
142 27.3 27.4 41.2#
249 29.6 24.2 36.4





#69

Atrazine

Concen: 45.42 ng

RT: 10.969 min Scan# 1510

Delta R.T. -0.012 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

Tgt Ion:200 Resp: 170783

Ion Ratio Lower Upper

200 100

173 27.8 7.5 47.5

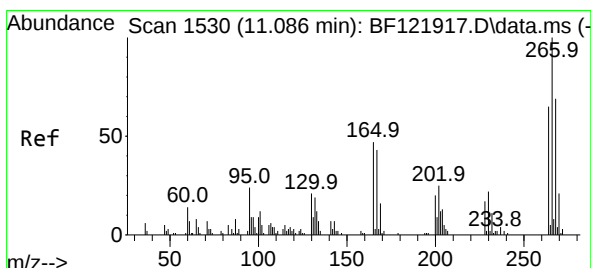
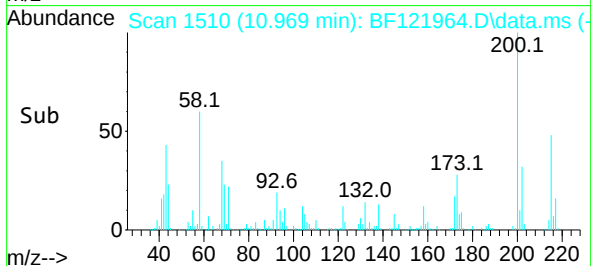
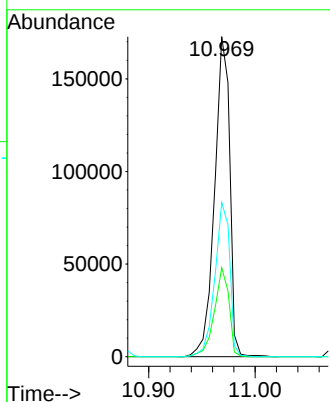
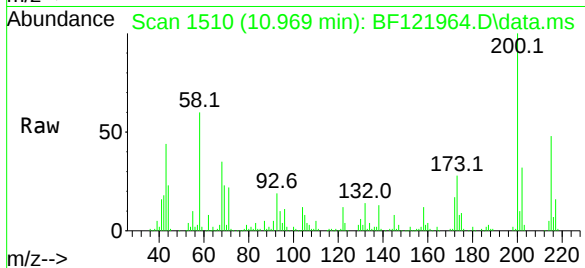
215 48.2 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

BB-SOILMS



#70

Pentachlorophenol

Concen: 58.37 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

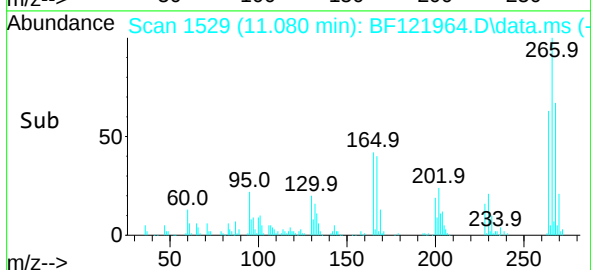
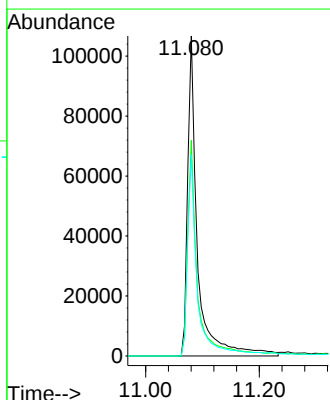
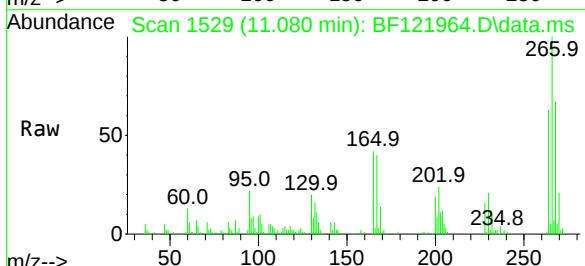
Tgt Ion:266 Resp: 128487

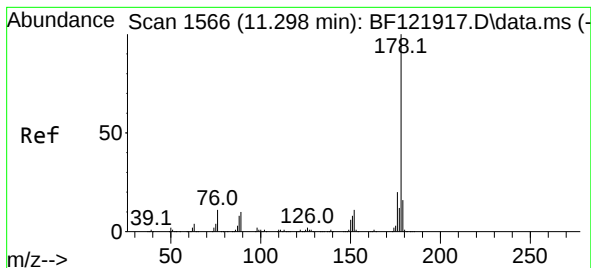
Ion Ratio Lower Upper

266 100

268 67.4 52.4 78.6

264 62.9 49.9 74.9

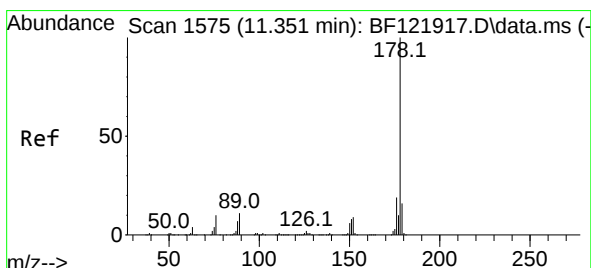
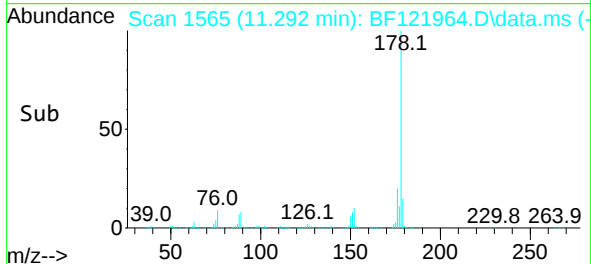
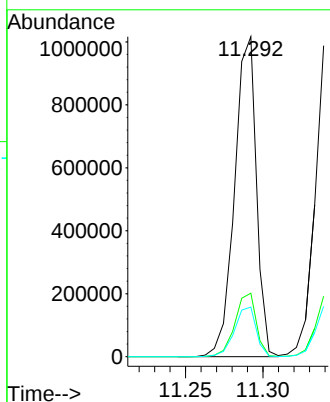
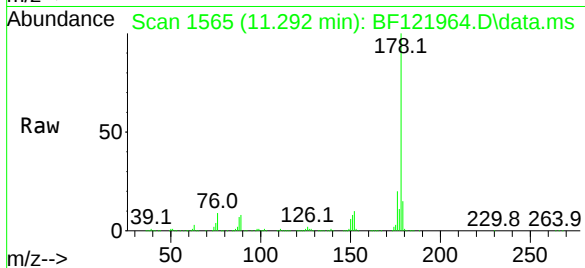




#71
Phenanthrene
Concen: 40.56 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

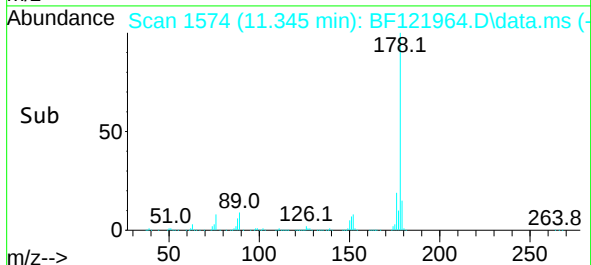
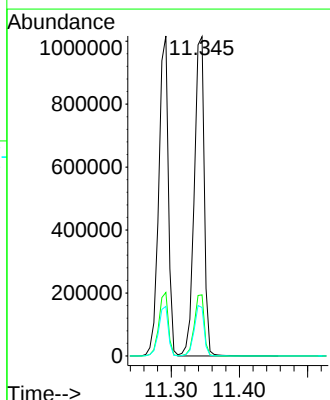
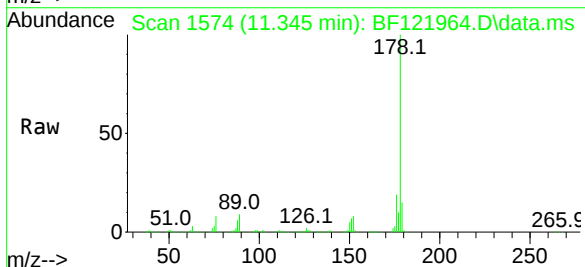
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

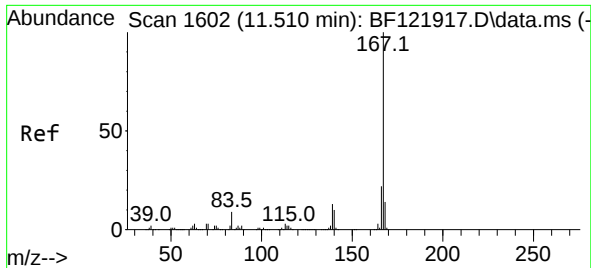
Tgt Ion:178 Resp: 992839
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.2 18.4



#72
Anthracene
Concen: 40.15 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:178 Resp: 1019136
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.2 12.7 19.1

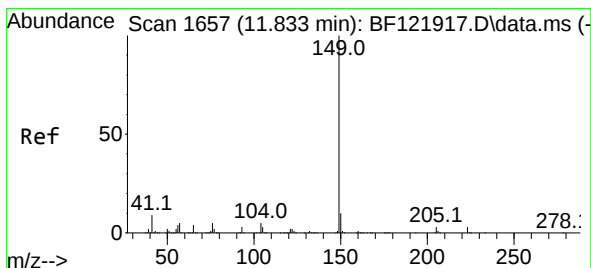
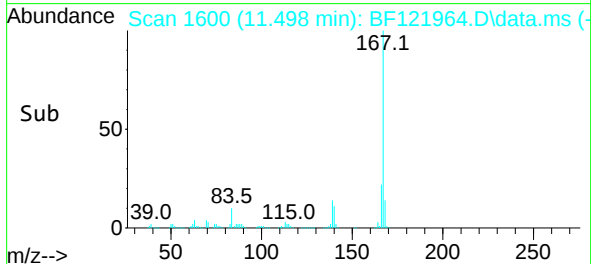
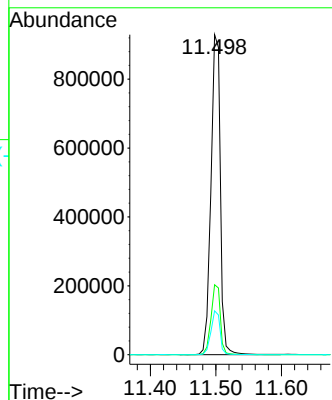
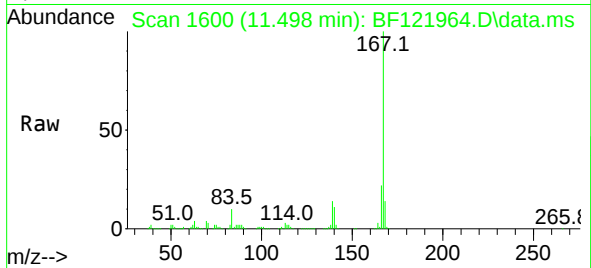




#73
 Carbazole
 Concen: 41.19 ng
 RT: 11.498 min Scan# 1600
 Delta R.T. -0.012 min
 Lab File: BF121964.D
 Acq: 14 Oct 2020 18:35

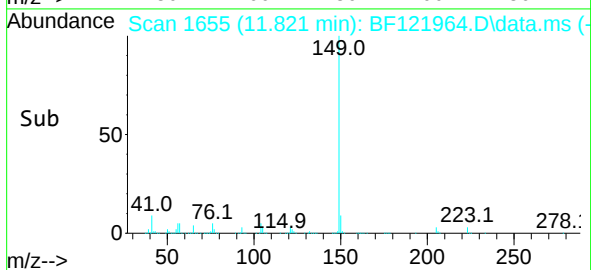
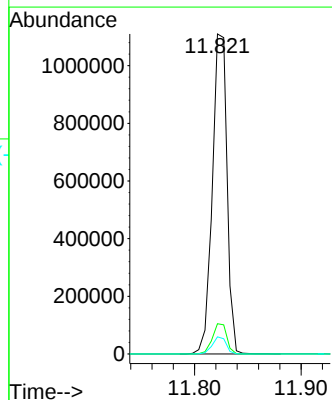
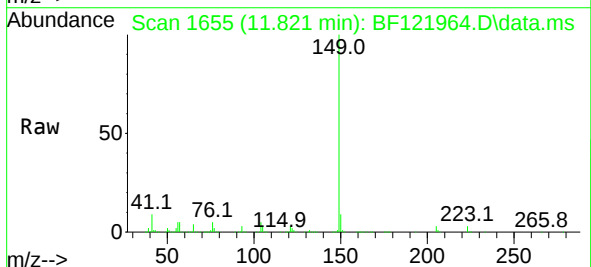
Instrument :
 BNA_F
 ClientSampleId :
 BB-SOILMS

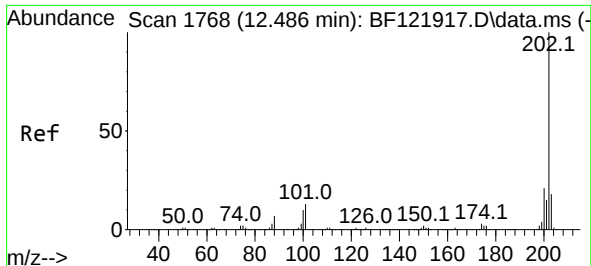
Tgt Ion:167 Resp: 929786
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.18 ng
 RT: 11.821 min Scan# 1655
 Delta R.T. -0.012 min
 Lab File: BF121964.D
 Acq: 14 Oct 2020 18:35

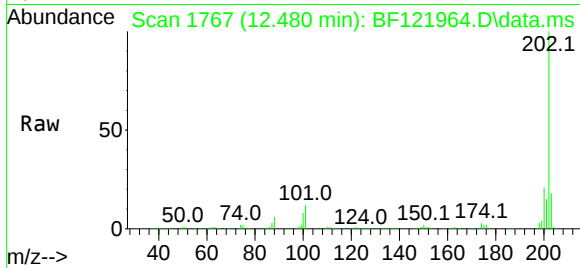
Tgt Ion:149 Resp: 1069330
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.2 6.2



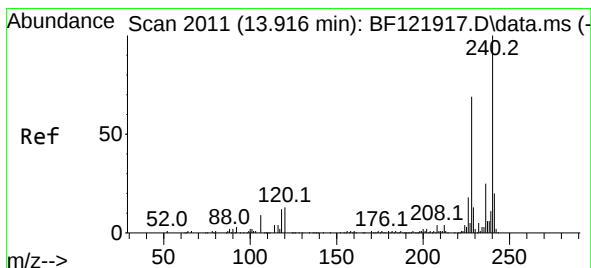
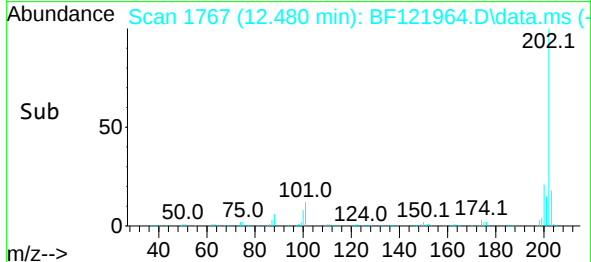
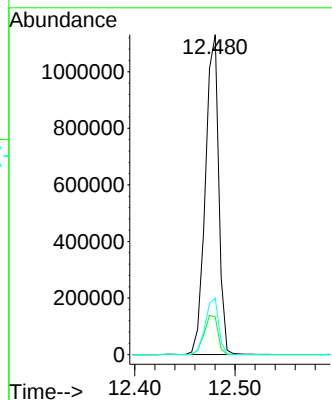


#75
Fluoranthene
Concen: 39.96 ng
RT: 12.480 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

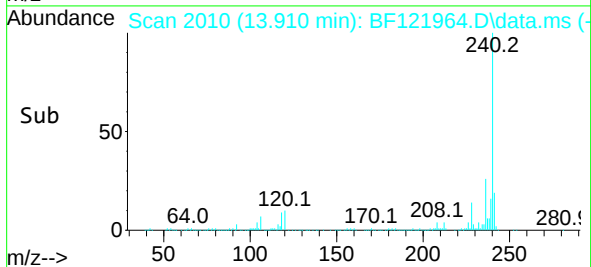
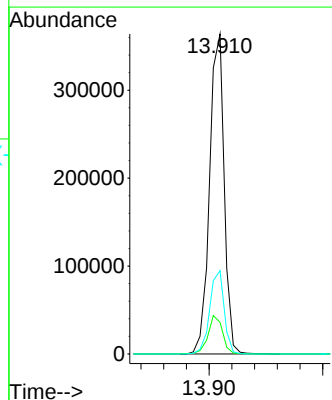
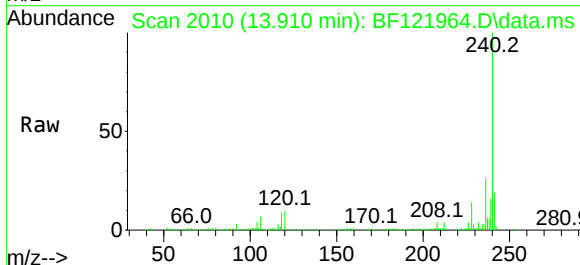


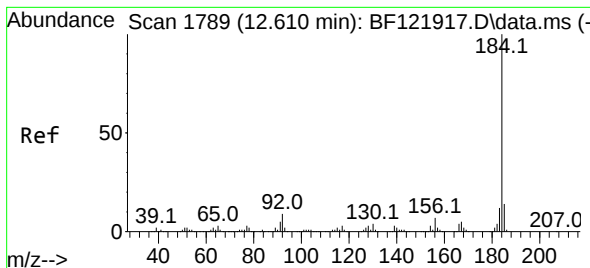
Tgt Ion:202 Resp: 1048706
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:240 Resp: 325272
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 26.1 20.9 31.3





#77

Benzidine

Concen: 32.09 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

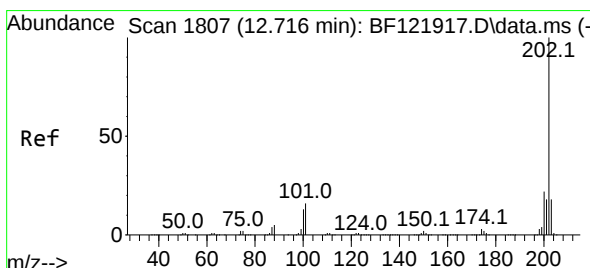
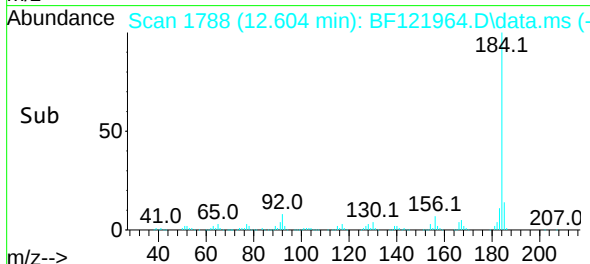
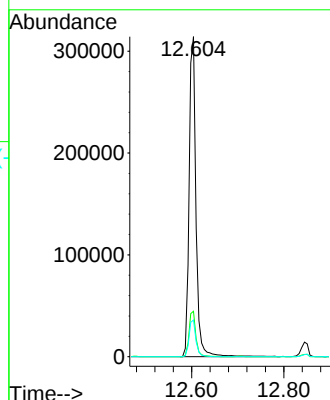
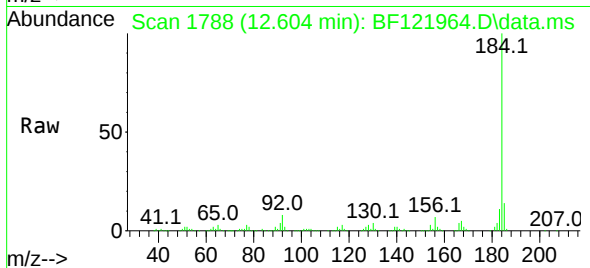
Tgt Ion:184 Resp: 321803

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 11.4 9.4 14.0



#78

Pyrene

Concen: 43.48 ng

RT: 12.710 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

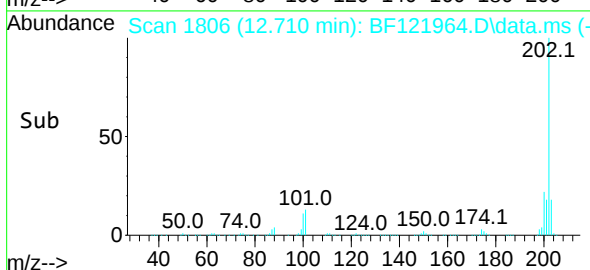
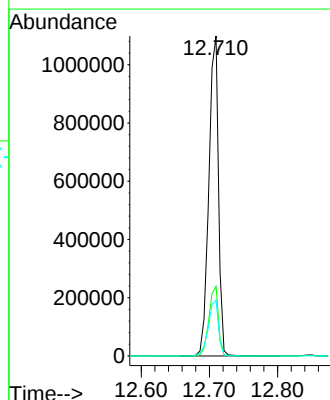
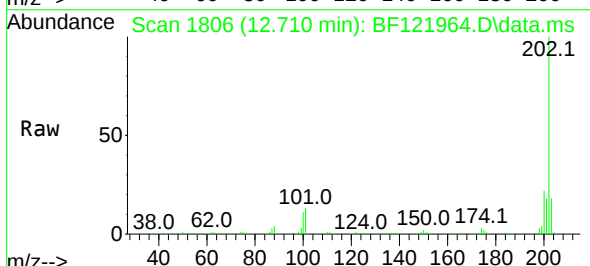
Tgt Ion:202 Resp: 1077671

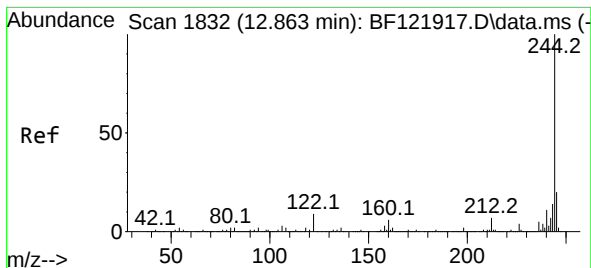
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

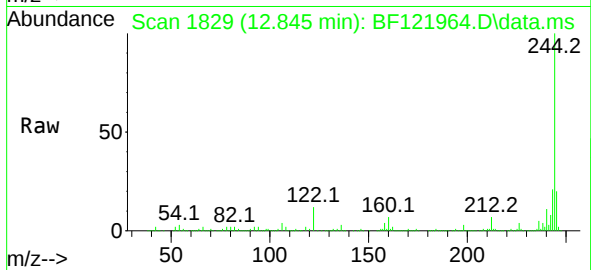
203 17.5 14.6 21.8



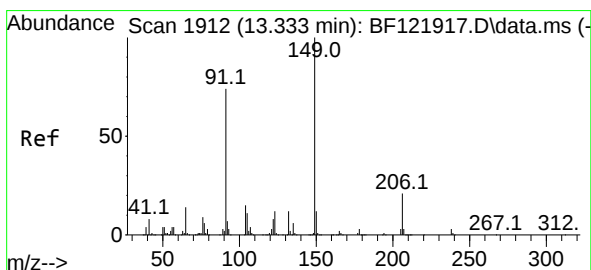
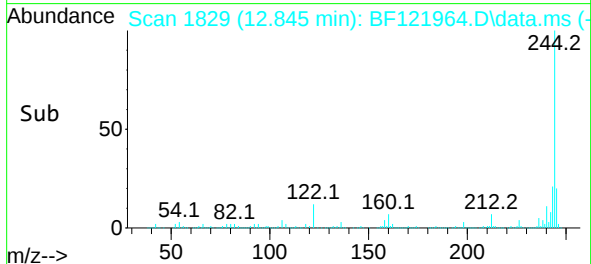
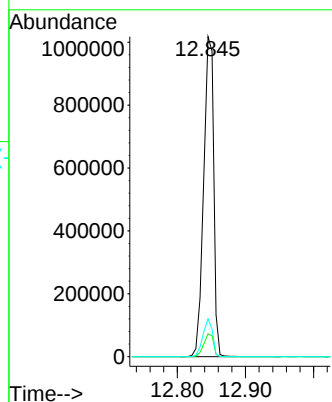


#79
 Terphenyl-d14
 Concen: 61.04 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121964.D
 Acq: 14 Oct 2020 18:35

Instrument :
 BNA_F
 ClientSampleId :
 BB-SOILMS

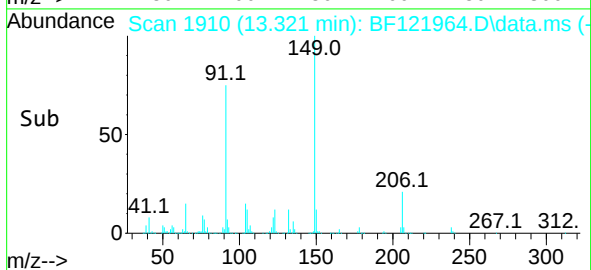
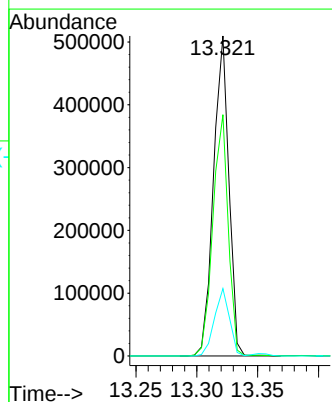
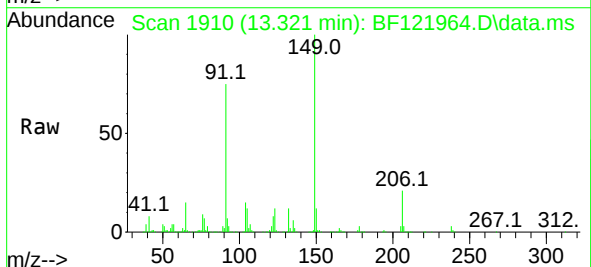


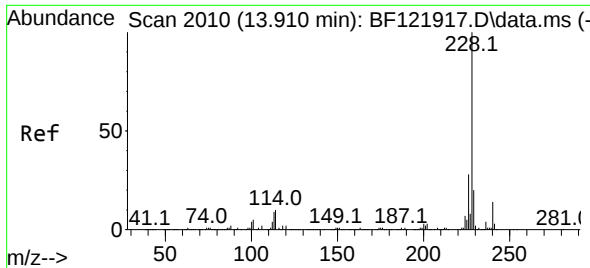
Tgt Ion:244 Resp: 1041821
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.8 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 45.64 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. -0.012 min
 Lab File: BF121964.D
 Acq: 14 Oct 2020 18:35

Tgt Ion:149 Resp: 448641
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.0 91.4
 206 21.1 16.7 25.1

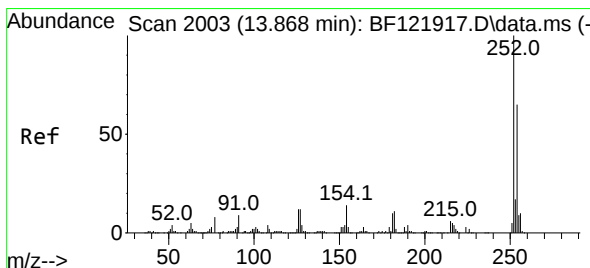
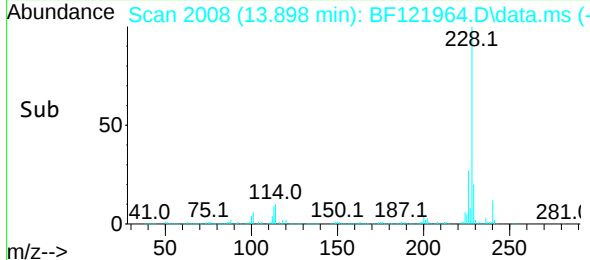
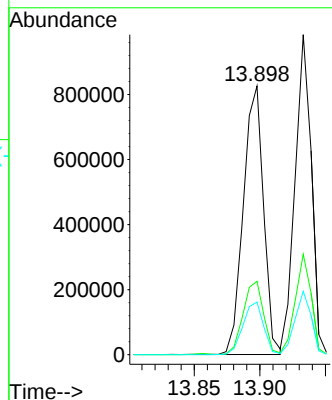
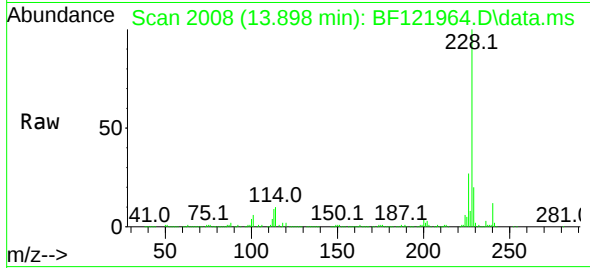




#81
Benzo(a)anthracene
Concen: 41.54 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

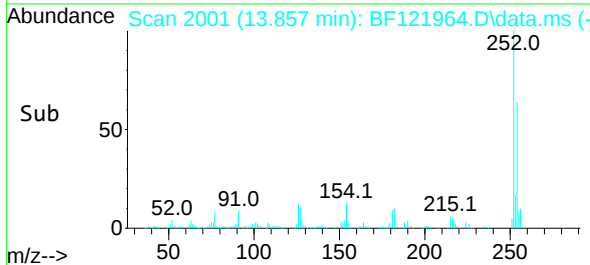
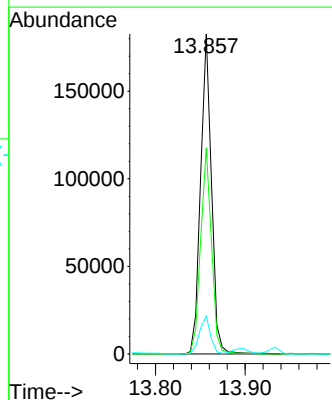
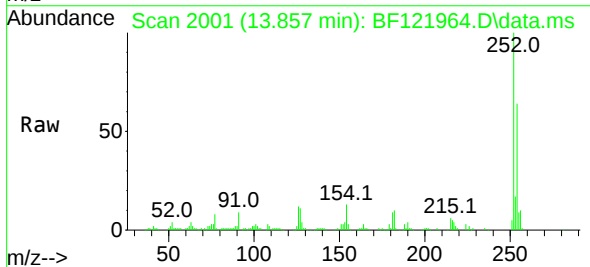
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

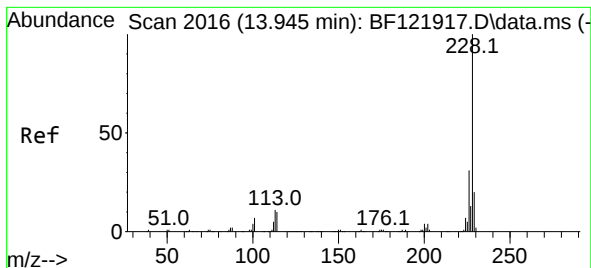
Tgt Ion:228 Resp: 885314
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.6 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 19.47 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:252 Resp: 153954
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 11.9 8.8 13.2





#83

Chrysene

Concen: 40.64 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

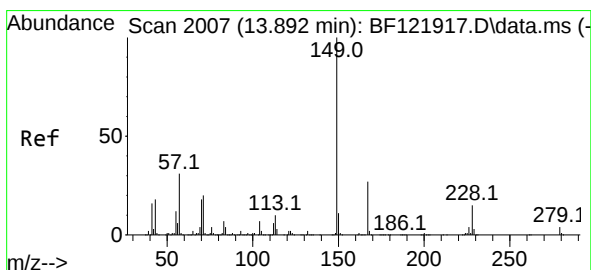
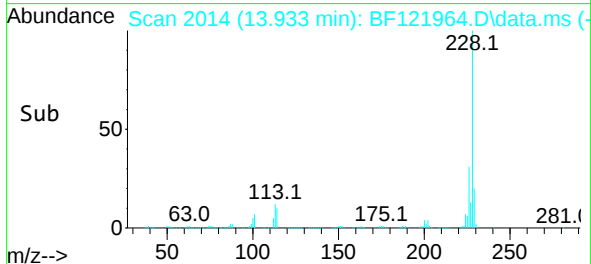
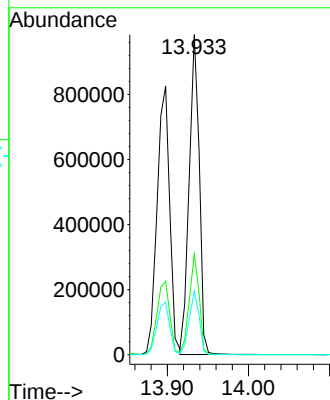
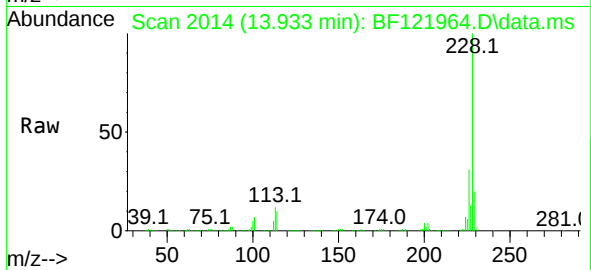
Tgt Ion:228 Resp: 850441

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.68 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF121964.D

Acq: 14 Oct 2020 18:35

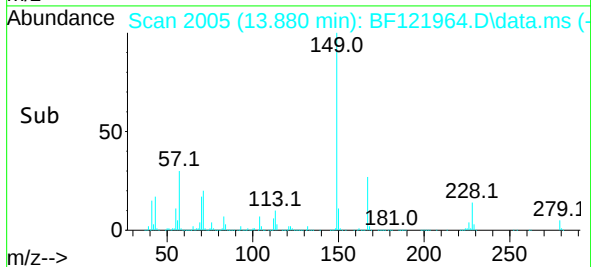
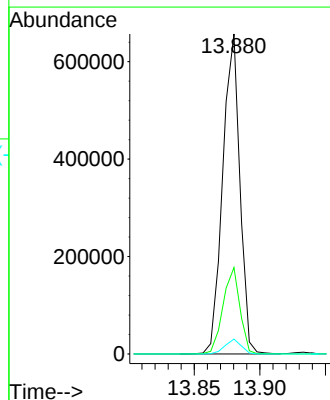
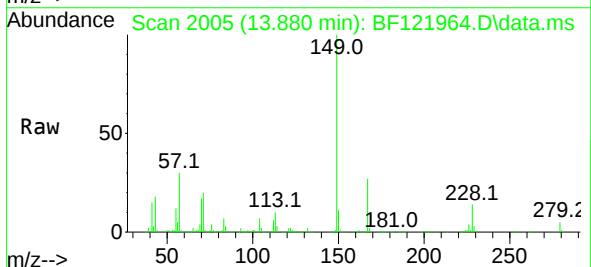
Tgt Ion:149 Resp: 596271

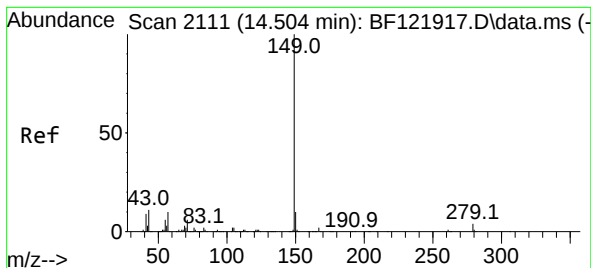
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 4.6 3.2 4.8

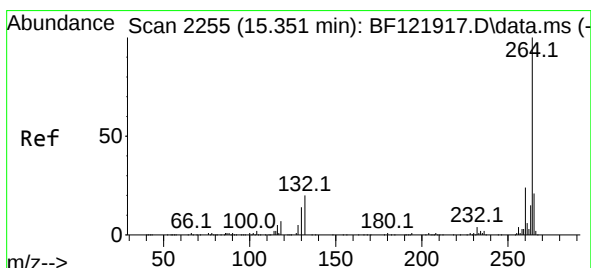
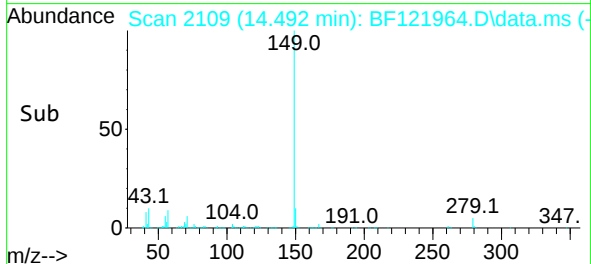
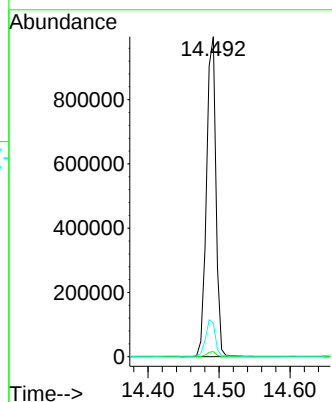
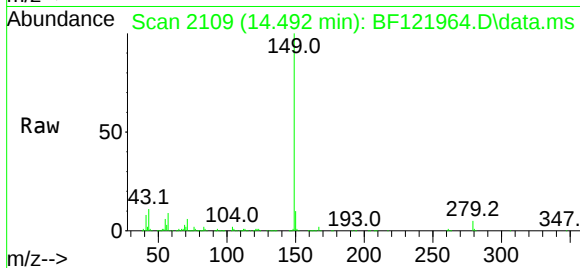




#85
Di-n-octyl phthalate
Concen: 42.65 ng
RT: 14.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

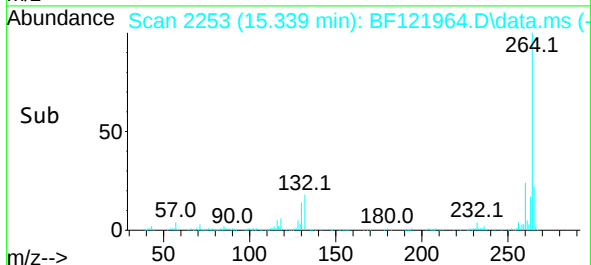
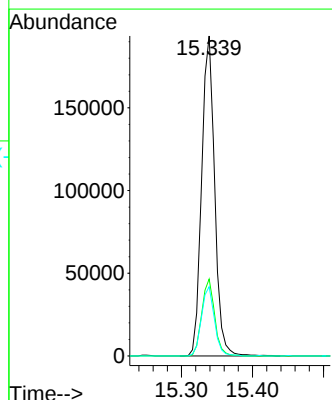
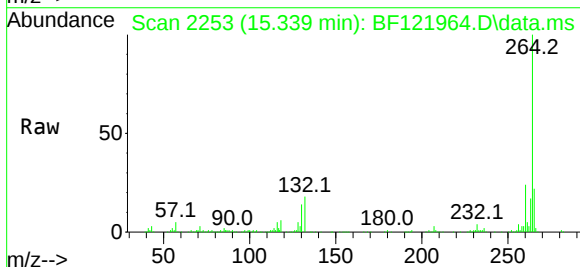
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

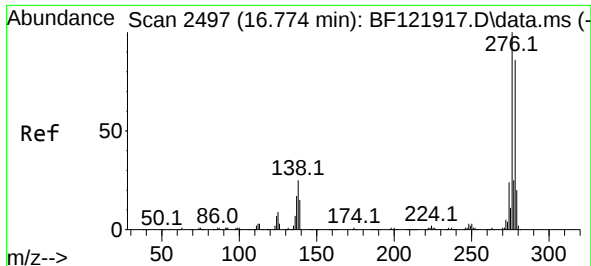
Tgt Ion:149 Resp: 920748
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

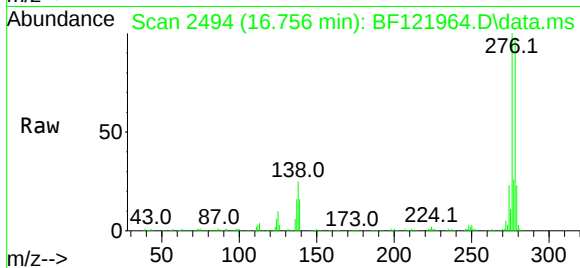
Tgt Ion:264 Resp: 247381
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.7 17.3 25.9



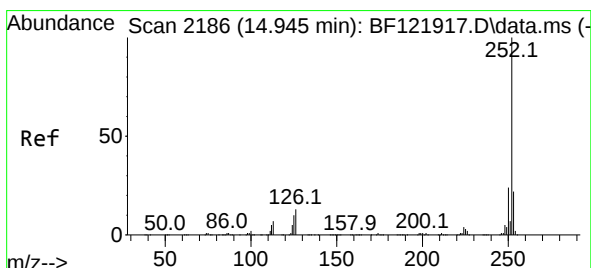
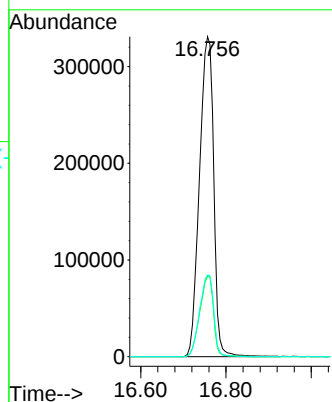
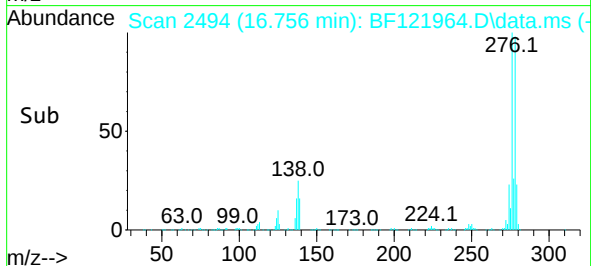


#87
Indeno(1,2,3-cd)pyrene
Concen: 47.71 ng
RT: 16.756 min Scan# 2494
Delta R.T. -0.018 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

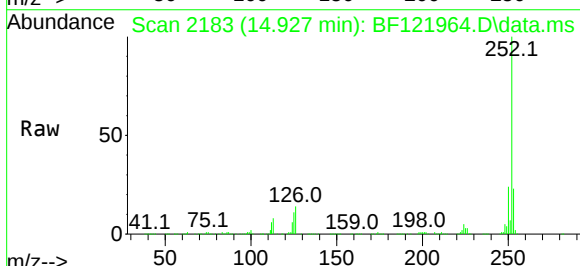
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS



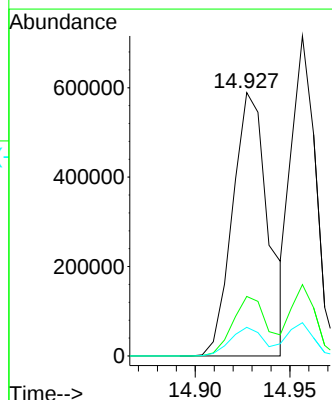
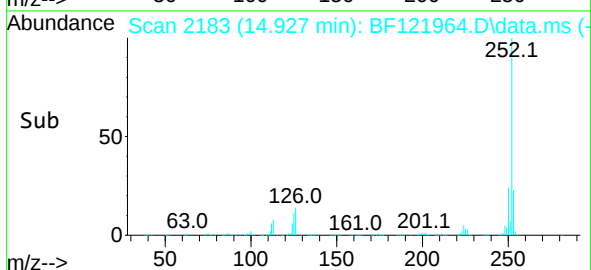
Tgt Ion:276 Resp: 766286
Ion Ratio Lower Upper
276 100
138 24.1 19.9 29.9
277 25.3 20.4 30.6

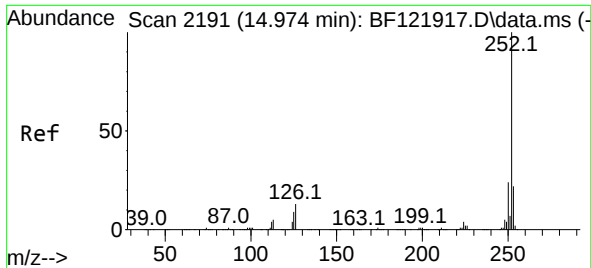


#88
Benzo(b)fluoranthene
Concen: 46.10 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35



Tgt Ion:252 Resp: 770964
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.9 8.0 12.0

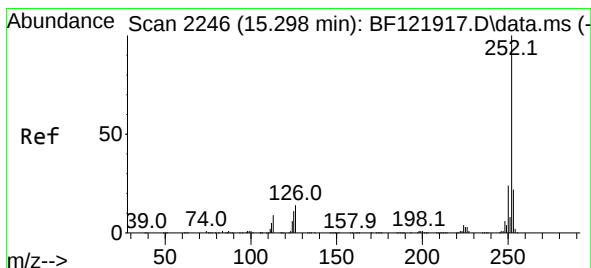
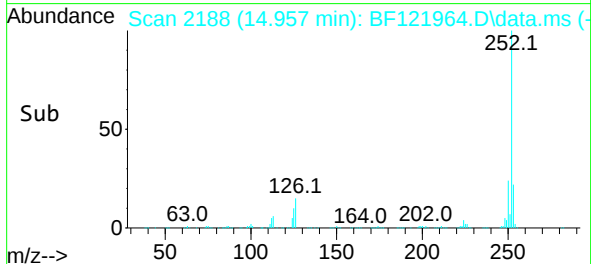
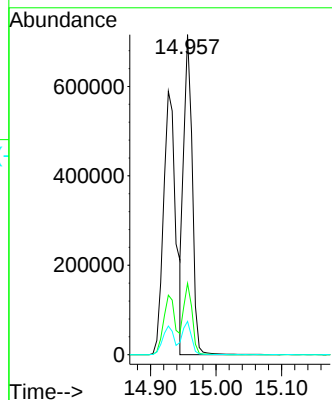
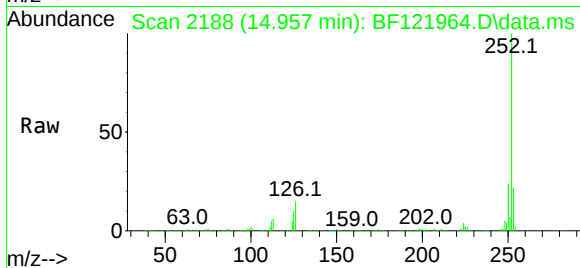




#89
Benzo(k)fluoranthene
Concen: 40.62 ng
RT: 14.957 min Scan# 2188
Delta R.T. -0.018 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

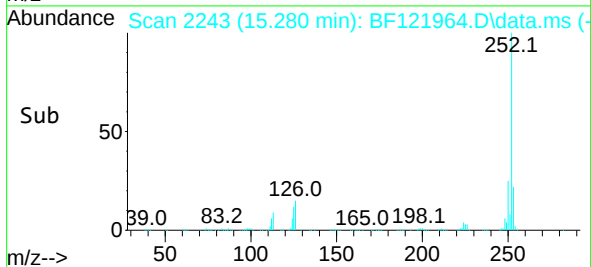
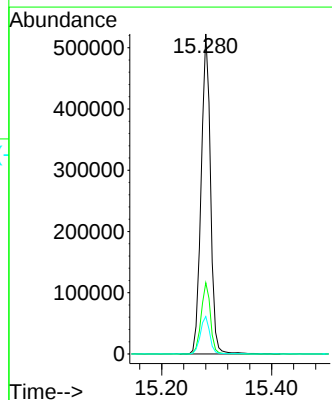
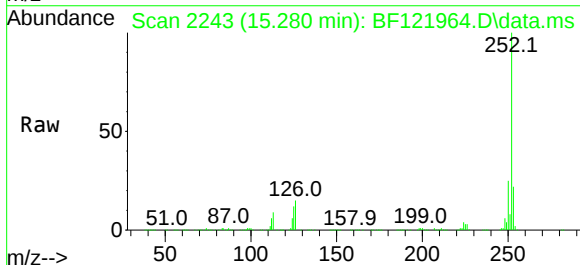
Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

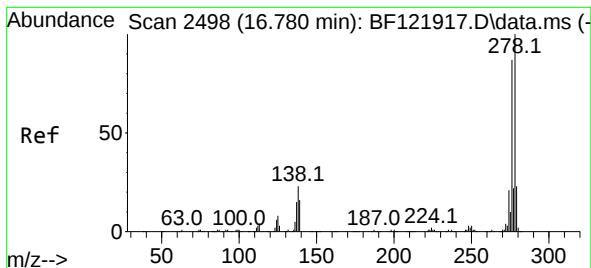
Tgt Ion:252 Resp: 645293
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.86 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.018 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:252 Resp: 619050
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.7 8.6 13.0

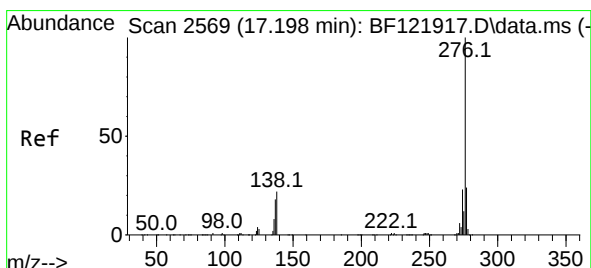
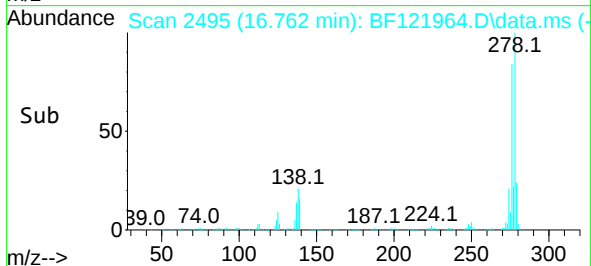
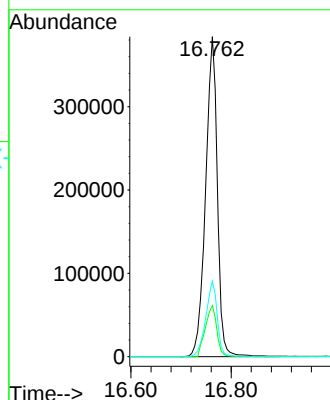
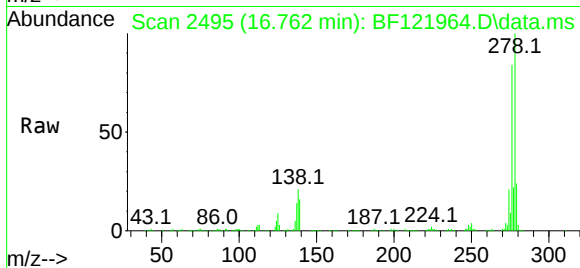




#91
Dibenzo(a,h)anthracene
Concen: 47.36 ng
RT: 16.762 min Scan# 2495
Delta R.T. -0.018 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

Tgt Ion:278 Resp: 626406
Ion Ratio Lower Upper
278 100
139 15.9 13.0 19.4
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.40 ng
RT: 17.174 min Scan# 2565
Delta R.T. -0.024 min
Lab File: BF121964.D
Acq: 14 Oct 2020 18:35

Tgt Ion:276 Resp: 667053
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 21.9 17.8 26.6

