

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004021.D
 Acq On : 20 Nov 2020 12:59
 Operator : CG/JU
 Sample : L4776-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ND-SOILMS

Quant Time: Nov 20 14:02:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 12:19:10 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	118889	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	438083	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	283383	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	596806	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	534458	20.00	ng	0.00
86) Perylene-d12	24.121	264	559654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	944687	132.62	ng	0.00
7) Phenol-d6	7.452	99	1183536	115.74	ng	0.00
23) Nitrobenzene-d5	9.434	82	883294	98.75	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	548437	154.73	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1895363	93.50	ng	0.00
79) Terphenyl-d14	20.122	244	2900278	104.84	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	126843	41.27	ng	# 1
3) Pyridine	3.940	79	137300	15.23	ng	# 58
4) n-Nitrosodimethylamine	3.828	42	204069	49.18	ng	# 52
6) Aniline	7.575	93	192223	16.55	ng	# 86
8) 2-Chlorophenol	7.846	128	407508	53.88	ng	82
9) Benzaldehyde	7.375	77	55120	8.82	ng	# 82
10) Phenol	7.481	94	465958	47.22	ng	84
11) bis(2-Chloroethyl)ether	7.658	93	395277	49.84	ng	# 80
12) 1,3-Dichlorobenzene	8.163	146	470662	50.78	ng	# 95
13) 1,4-Dichlorobenzene	8.305	146	475151	50.85	ng	96
14) 1,2-Dichlorobenzene	8.634	146	441578	49.47	ng	96
15) Benzyl Alcohol	8.510	79	386795	54.61	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.799	45	640526	47.95	ng	82
17) 2-Methylphenol	8.740	107	347870	53.69	ng	# 93
18) Hexachloroethane	9.381	117	175392	52.81	ng	99
19) n-Nitroso-di-n-propyla...	9.075	70	333236	54.52	ng	# 76
20) 3+4-Methylphenols	9.069	107	462977	53.53	ng	# 87
22) Acetophenone	9.093	105	647161	55.04	ng	# 85
24) Nitrobenzene	9.475	77	496083	55.81	ng	# 80
25) Isophorone	9.999	82	902429	59.40	ng	# 89
26) 2-Nitrophenol	10.199	139	232496	66.98	ng	# 74
27) 2,4-Dimethylphenol	10.275	122	384579	66.42	ng	90
28) bis(2-Chloroethoxy)met...	10.469	93	524659	50.32	ng	98
29) 2,4-Dichlorophenol	10.763	162	396233	56.79	ng	95
30) 1,2,4-Trichlorobenzene	10.969	180	443471	52.17	ng	98
31) Naphthalene	11.152	128	1282308	54.55	ng	99
32) Benzoic acid	10.457	122	132174	35.20	ng	# 75
33) 4-Chloroaniline	11.246	127	87646	8.77	ng	# 88
34) Hexachlorobutadiene	11.457	225	280961	50.68	ng	99
35) Caprolactam	11.987	113	95274	44.16	ng	# 20
36) 4-Chloro-3-methylphenol	12.381	107	422036	56.04	ng	90
37) 2-Methylnaphthalene	12.734	142	920375	54.71	ng	97
38) 1-Methylnaphthalene	12.951	142	823634	51.33	ng	97
40) 1,2,4,5-Tetrachloroben...	13.116	216	491247	52.38	ng	99
41) Hexachlorocyclopentadiene	13.104	237	466671	98.63	ng	98
43) 2,4,6-Trichlorophenol	13.351	196	317871	54.83	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	347581	56.94	ng	97
46) 1,1'-Biphenyl	13.722	154	1115021	50.69	ng	98
47) 2-Chloronaphthalene	13.775	162	882692	48.90	ng	99
48) 2-Nitroaniline	13.957	65	282775	52.50	ng #	63
49) Acenaphthylene	14.616	152	1419355	53.55	ng	100
50) Dimethylphthalate	14.322	163	1300392	58.71	ng	99
51) 2,6-Dinitrotoluene	14.440	165	266316	58.59	ng #	75
52) Acenaphthene	14.957	154	977716	55.38	ng	98
53) 3-Nitroaniline	14.769	138	109612	21.79	ng #	76
54) 2,4-Dinitrophenol	14.987	184	186073	75.06	ng #	82
55) Dibenzofuran	15.287	168	1392531	53.09	ng	99
56) 4-Nitrophenol	15.122	139	345652	95.32	ng #	63
57) 2,4-Dinitrotoluene	15.234	165	364270	59.69	ng #	77
58) Fluorene	15.934	166	1120645	53.35	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.528	232	296526	53.88	ng	96
60) Diethylphthalate	15.675	149	1186119	54.69	ng	99
61) 4-Chlorophenyl-phenyle...	15.904	204	595350	51.86	ng	98
62) 4-Nitroaniline	15.934	138	249533	47.58	ng	87
63) Azobenzene	16.198	77	1077177	52.60	ng	84
65) 4,6-Dinitro-2-methylph...	16.010	198	168616	51.88	ng #	84
66) n-Nitrosodiphenylamine	16.122	169	996954	54.57	ng	98
67) 4-Bromophenyl-phenylether	16.798	248	361515	51.77	ng	97
68) Hexachlorobenzene	16.963	284	404068	50.71	ng	95
69) Atrazine	17.051	200	308939	51.51	ng	98
70) Pentachlorophenol	17.298	266	357942	93.91	ng	99
71) Phenanthrene	17.669	178	1754989	52.40	ng	99
72) Anthracene	17.757	178	1788216	55.28	ng	99
73) Carbazole	18.010	167	1626920	54.21	ng	98
74) Di-n-butylphthalate	18.522	149	1973485	56.80	ng #	99
75) Fluoranthene	19.598	202	2043630	52.88	ng	99
77) Benzidine	19.745	184	133585	10.60	ng	98
78) Pyrene	19.951	202	2089196	57.60	ng	99
80) Butylbenzylphthalate	20.769	149	855545	63.31	ng #	87
81) Benzo(a)anthracene	21.639	228	1863966	52.89	ng	98
82) 3,3'-Dichlorobenzidine	21.551	252	268696	22.10	ng	99
83) Chrysene	21.698	228	1804772	53.29	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1172409	58.85	ng	100
85) Di-n-octyl phthalate	22.445	149	2069314	62.35	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	2166396	53.66	ng	98
88) Benzo(b)fluoranthene	23.380	252	1935723	52.85	ng	99
89) Benzo(k)fluoranthene	23.427	252	1912096	52.88	ng	99
90) Benzo(a)pyrene	24.021	252	1679120	49.53	ng	98
91) Dibenzo(a,h)anthracene	26.686	278	1853209	55.07	ng	97
92) Benzo(g,h,i)perylene	27.474	276	1816263	55.76	ng	98

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

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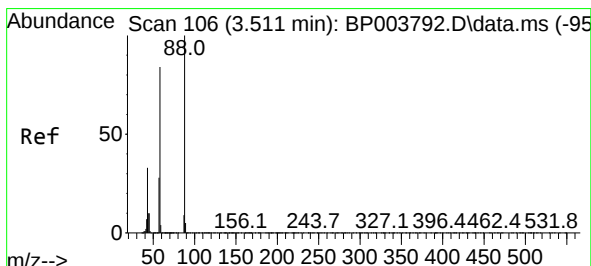
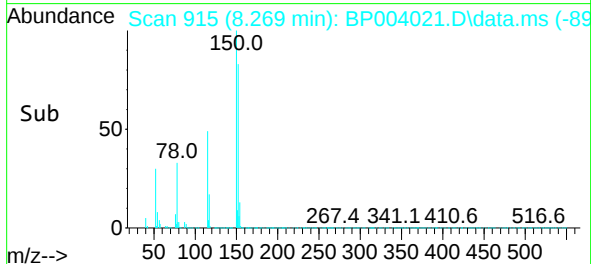
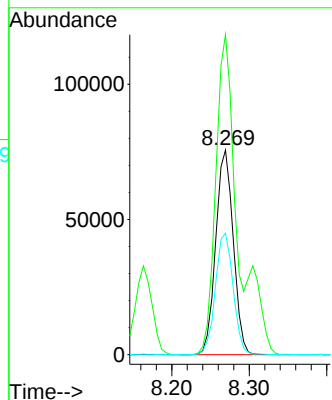
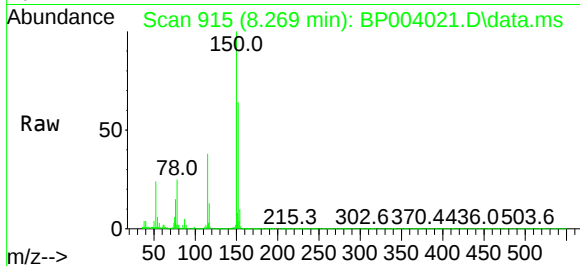




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

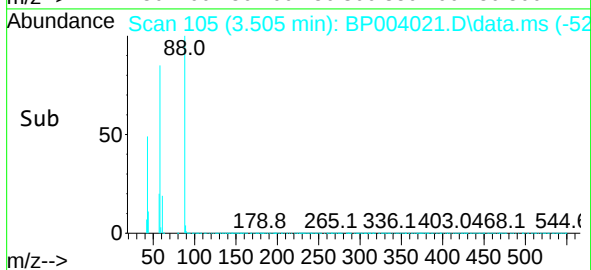
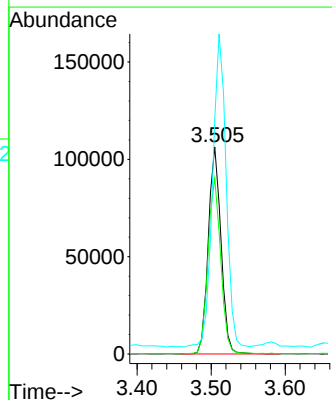
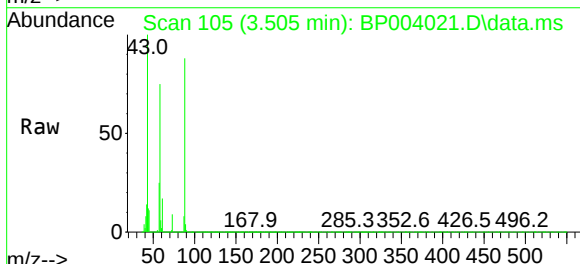
Instrument :
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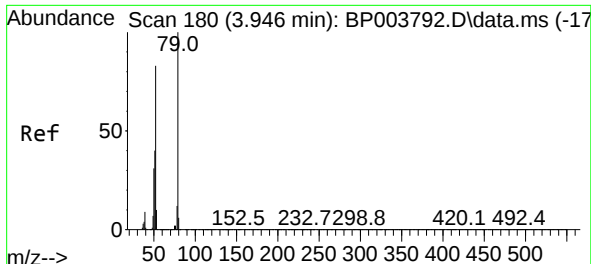
Tgt Ion:152 Resp: 118889
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 59.3 43.8 65.6



#2
1,4-Dioxane
Concen: 41.27 ng
RT: 3.505 min Scan# 105
Delta R.T. 0.012 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 88 Resp: 126843
Ion Ratio Lower Upper
88 100
58 85.0 44.2 66.4#
43 159.3 15.2 22.8#

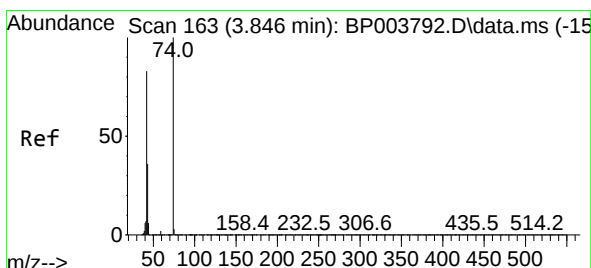
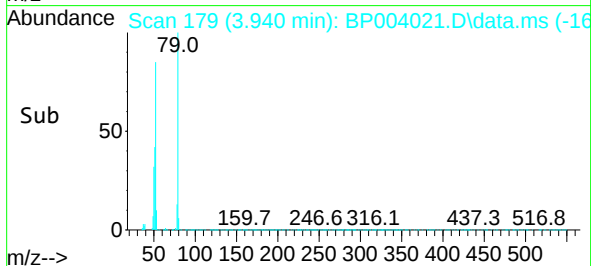
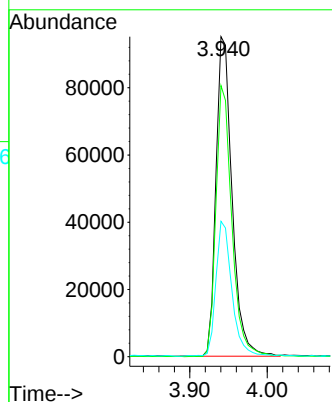
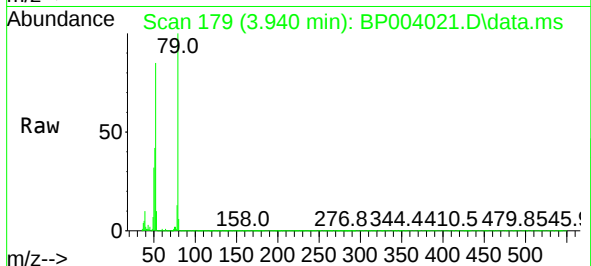




#3
Pyridine
Concen: 15.23 ng
RT: 3.940 min Scan# 179
Delta R.T. 0.012 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

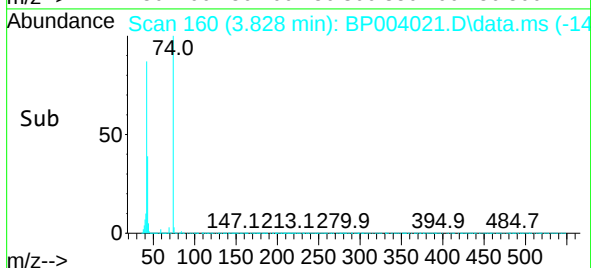
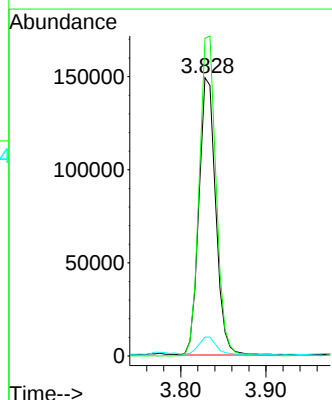
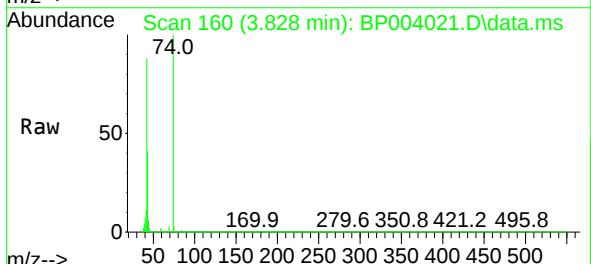
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BNA_P
ClientSampleId :
ND-SOILMS

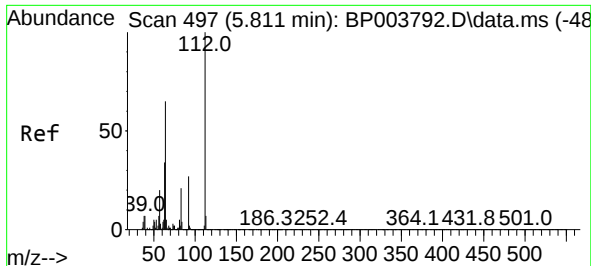
Tgt Ion: 79 Resp: 137300
Ion Ratio Lower Upper
79 100
52 84.7 41.3 61.9#
51 42.3 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 49.18 ng
RT: 3.828 min Scan# 160
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 42 Resp: 204069
Ion Ratio Lower Upper
42 100
74 114.2 148.6 223.0#
44 6.8 5.3 7.9

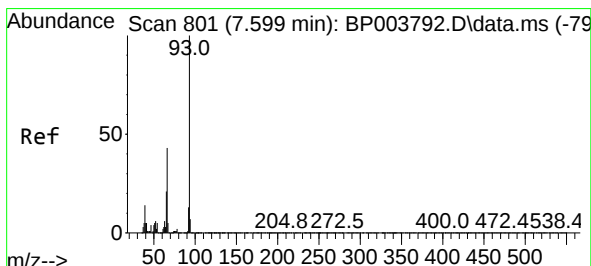
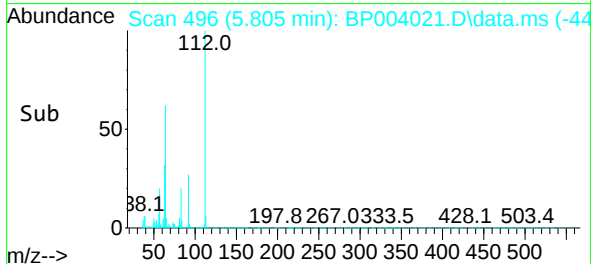
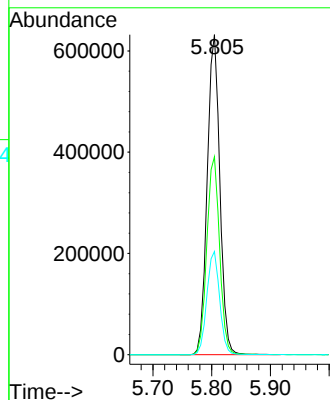
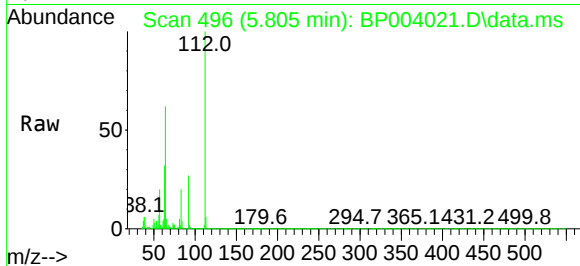




#5
2-Fluorophenol
Concen: 132.62 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

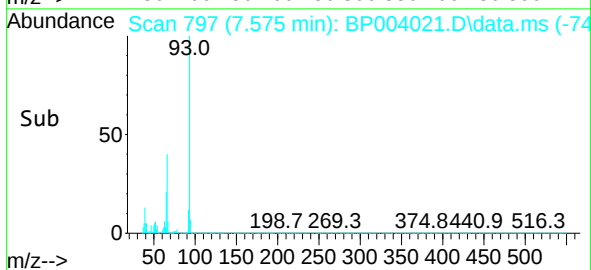
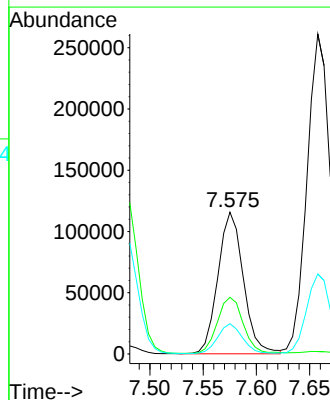
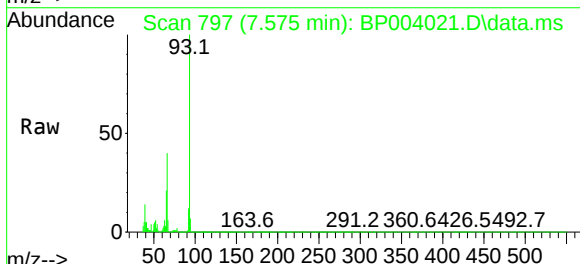
Instrument :
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Tgt Ion:112 Resp: 944687
Ion Ratio Lower Upper
112 100
64 61.9 32.8 49.2#
63 32.3 17.0 25.4#



#6
Aniline
Concen: 16.55 ng
RT: 7.575 min Scan# 797
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 93 Resp: 192223
Ion Ratio Lower Upper
93 100
66 39.9 25.4 38.0#
65 21.3 12.5 18.7#

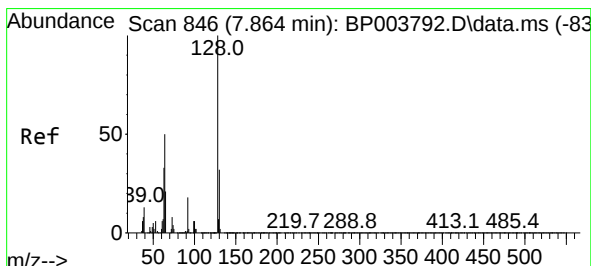
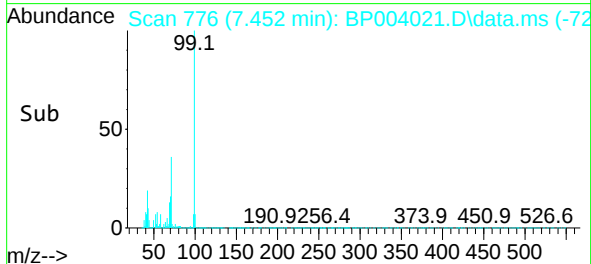
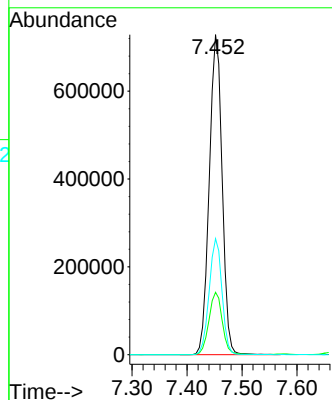
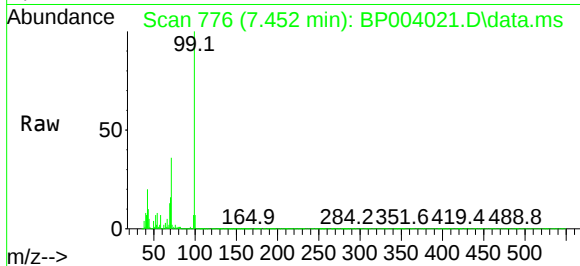




#7
Phenol-d6
Concen: 115.74 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

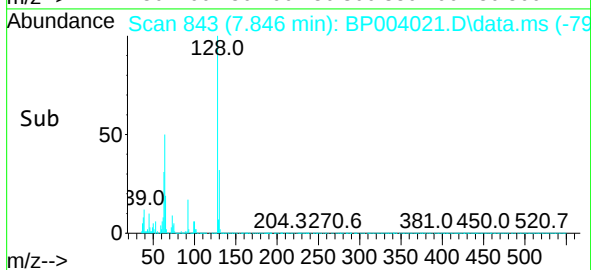
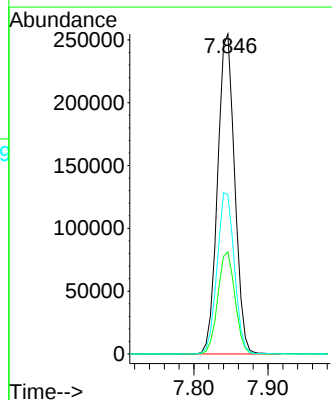
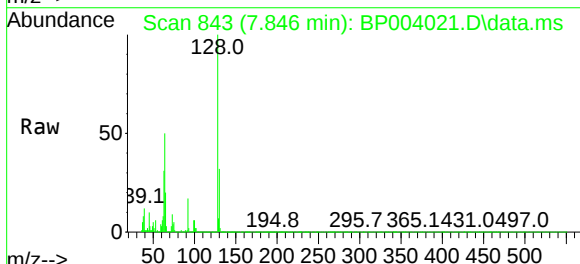
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ClientSampleId :
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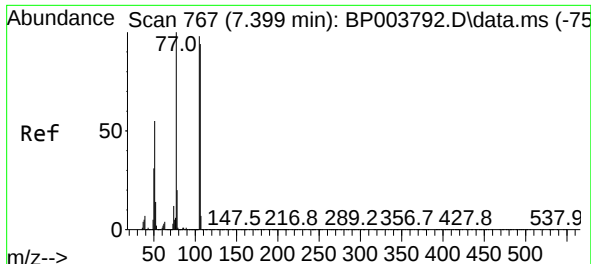
Tgt Ion: 99 Resp: 1183536
Ion Ratio Lower Upper
99 100
42 19.5 8.6 13.0#
71 36.3 23.4 35.2#



#8
2-Chlorophenol
Concen: 53.88 ng
RT: 7.846 min Scan# 843
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 407508
Ion Ratio Lower Upper
128 100
130 31.9 13.0 53.0
64 49.8 10.4 50.4

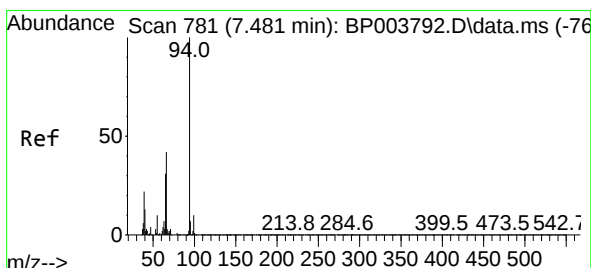
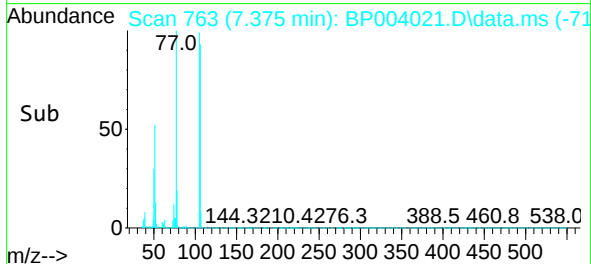
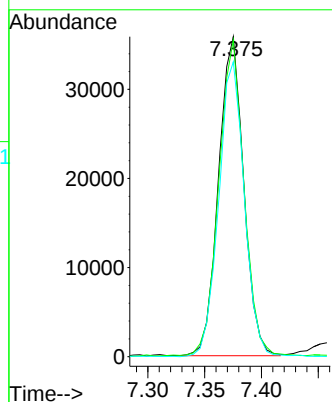
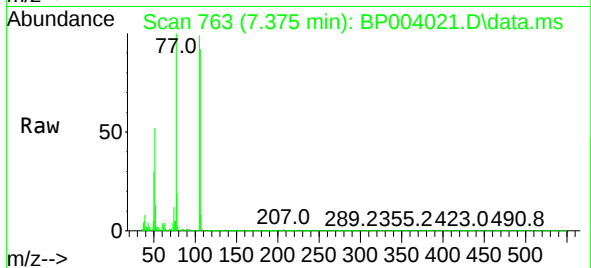




#9
Benzaldehyde
Concen: 8.82 ng
RT: 7.375 min Scan# 763
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

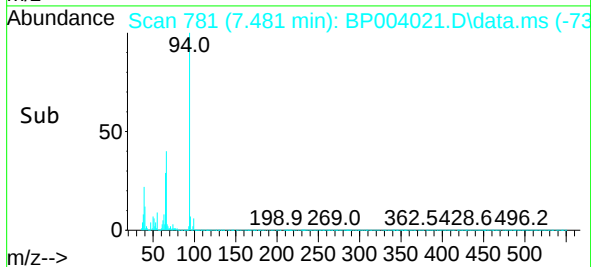
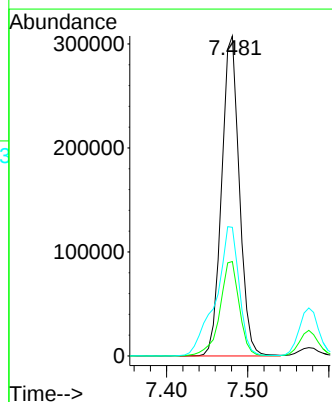
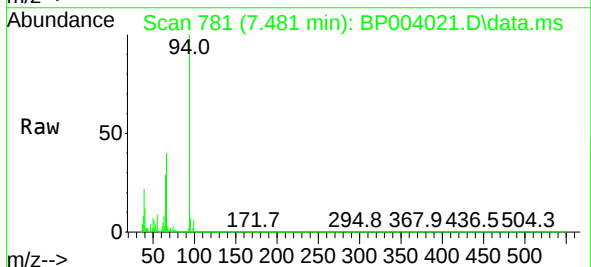
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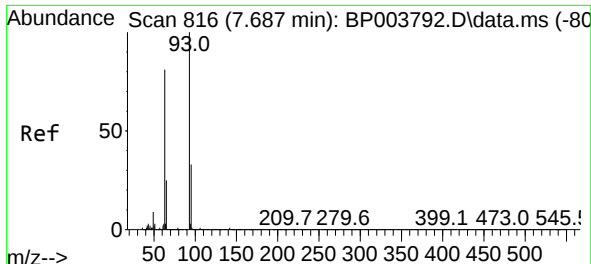
Tgt Ion: 77 Resp: 55120
Ion Ratio Lower Upper
77 100
105 99.0 97.1 137.1
106 92.1 93.7 133.7#



#10
Phenol
Concen: 47.22 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 465958
Ion Ratio Lower Upper
94 100
65 29.5 2.3 42.3
66 40.2 10.9 50.9

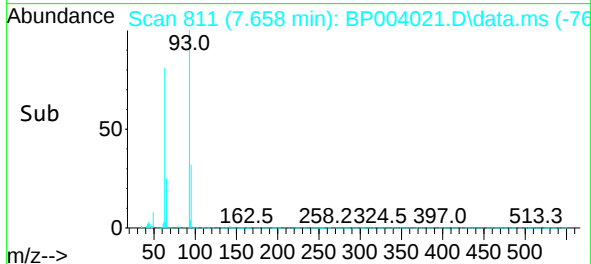
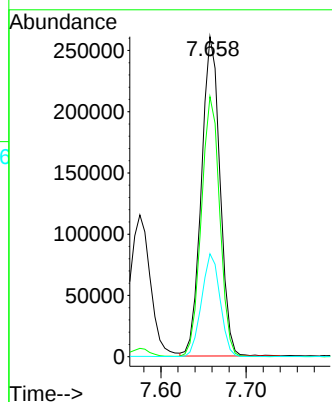
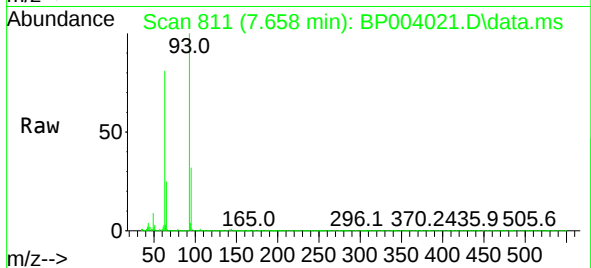




#11
bis(2-Chloroethyl)ether
Concen: 49.84 ng
RT: 7.658 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

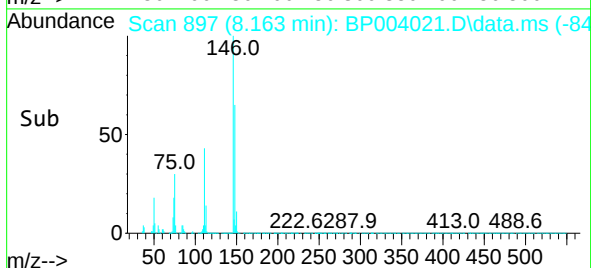
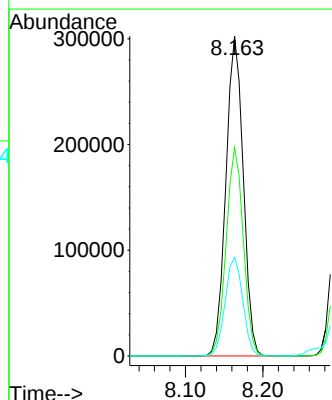
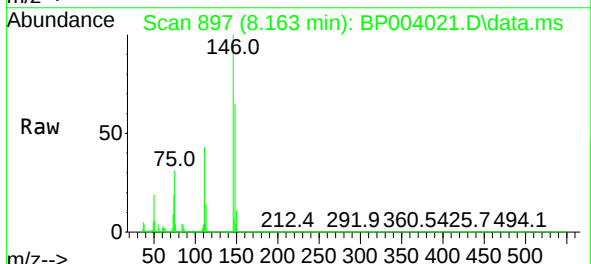
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BNA_P
ClientSampleId :
ND-SOILMS

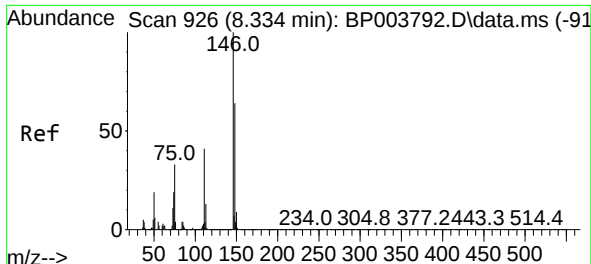
Tgt Ion: 93 Resp: 395277
Ion Ratio Lower Upper
93 100
63 81.3 39.0 79.0#
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 50.78 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:146 Resp: 470662
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 30.8 18.1 27.1#

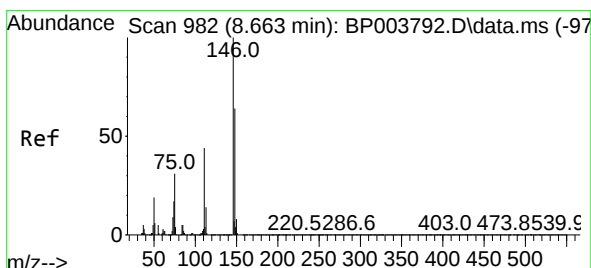
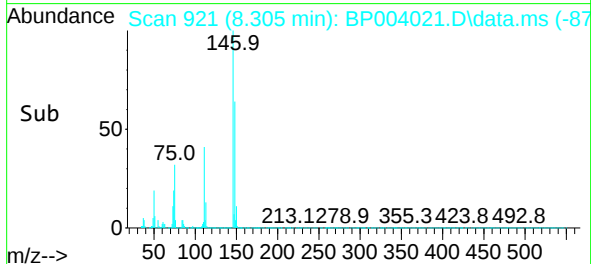
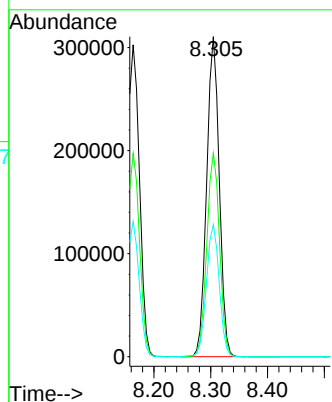
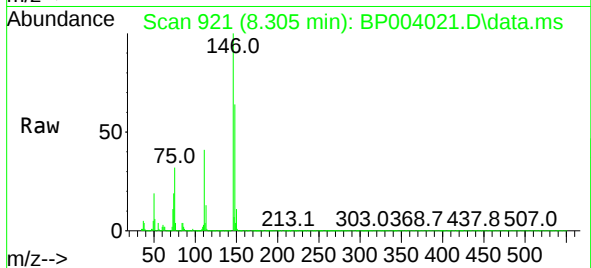




#13
1,4-Dichlorobenzene
Concen: 50.85 ng
RT: 8.305 min Scan# 921
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

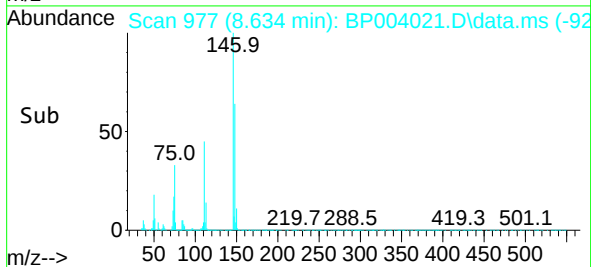
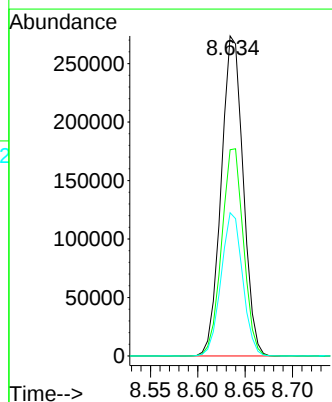
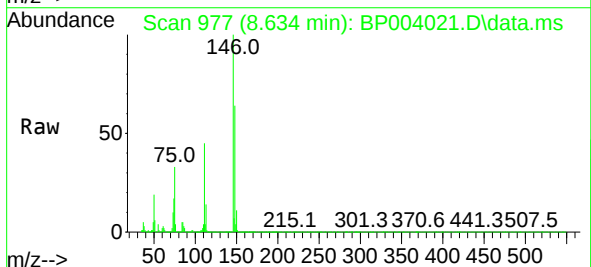
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

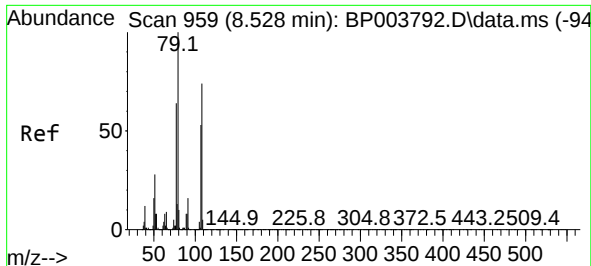
Tgt Ion:146 Resp: 475151
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 41.2 28.9 43.3



#14
1,2-Dichlorobenzene
Concen: 49.47 ng
RT: 8.634 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:146 Resp: 441578
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 44.8 31.0 46.6

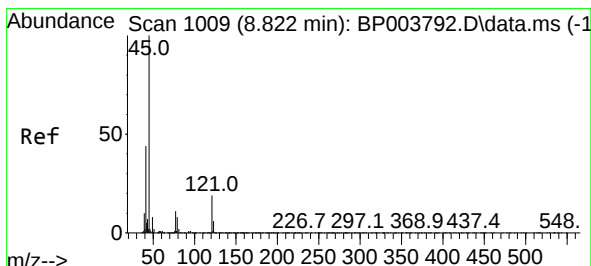
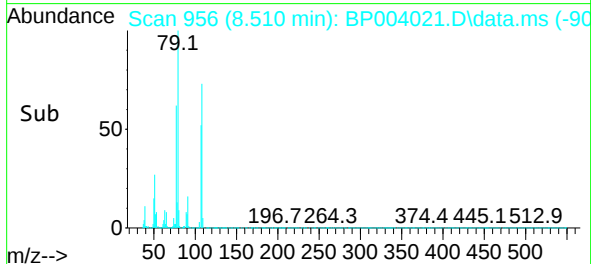
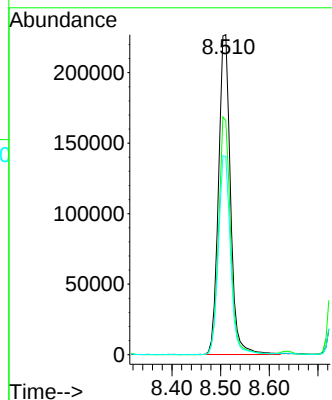
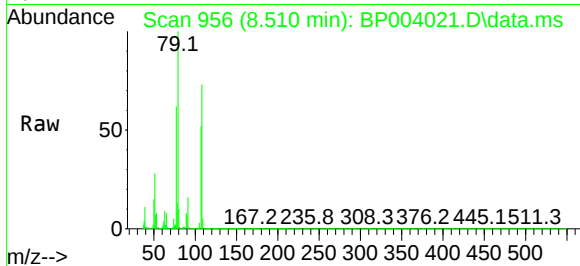




#15
Benzyl Alcohol
Concen: 54.61 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

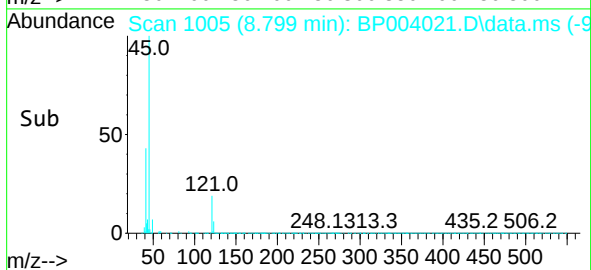
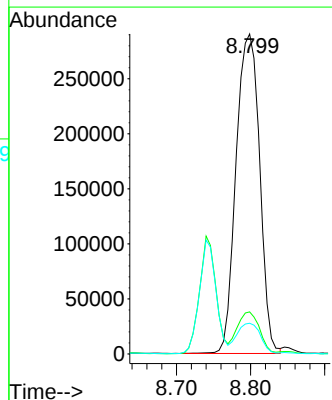
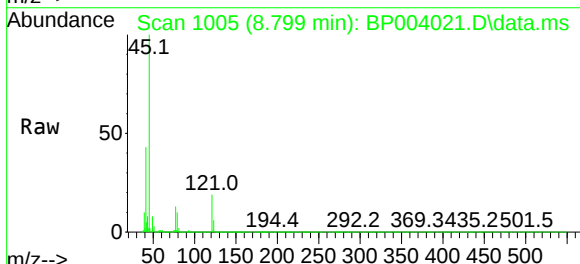
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

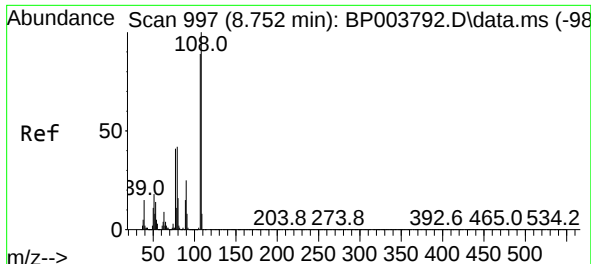
Tgt Ion: 79 Resp: 386795
Ion Ratio Lower Upper
79 100
108 73.2 73.5 110.3#
77 61.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.95 ng
RT: 8.799 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 45 Resp: 640526
Ion Ratio Lower Upper
45 100
77 13.2 2.3 42.3
79 9.6 0.0 36.6

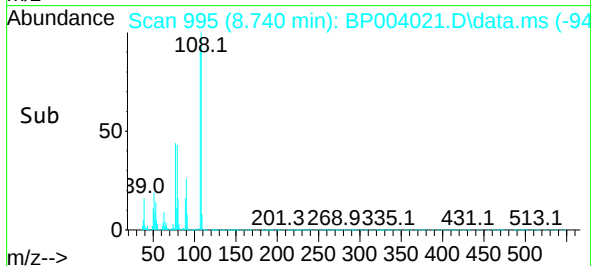
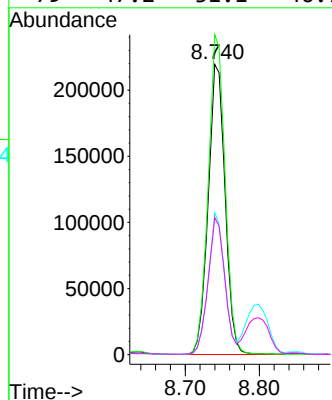
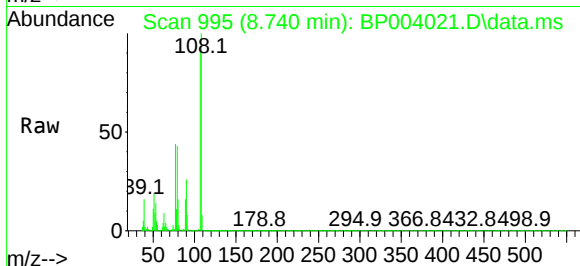




#17
2-Methylphenol
Concen: 53.69 ng
RT: 8.740 min Scan# 995
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

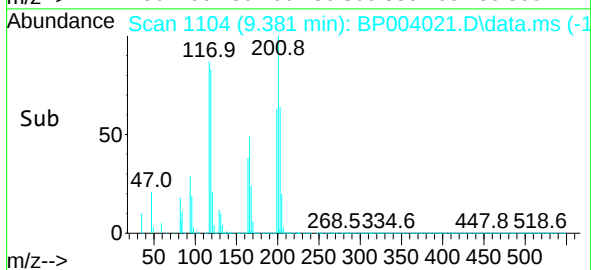
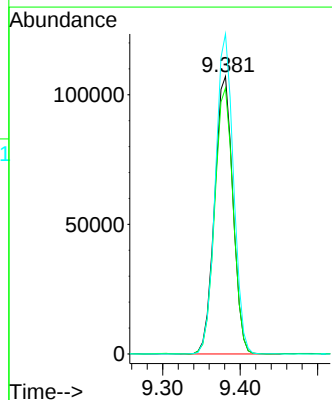
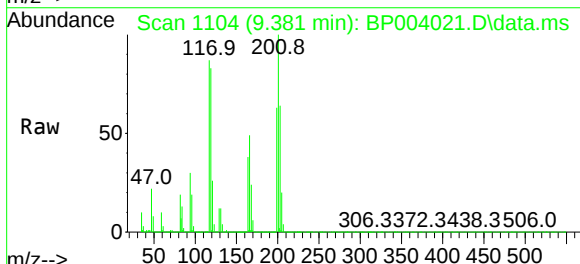
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

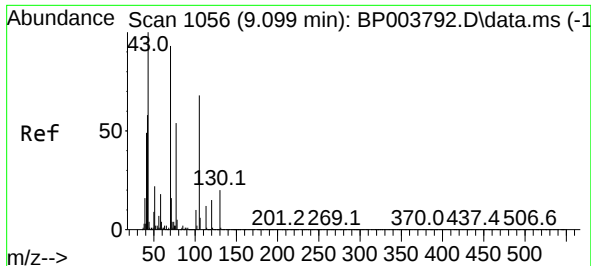
Tgt Ion:	107	Resp:	347870
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.6	134.4
77	48.8	31.8	47.6#
79	47.2	31.1	46.7#



#18
Hexachloroethane
Concen: 52.81 ng
RT: 9.381 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:	117	Resp:	175392
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.8	118.2
201	115.3	92.3	138.5



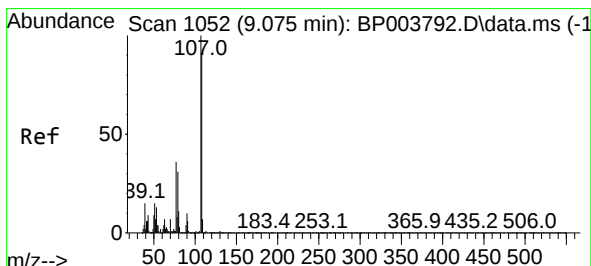
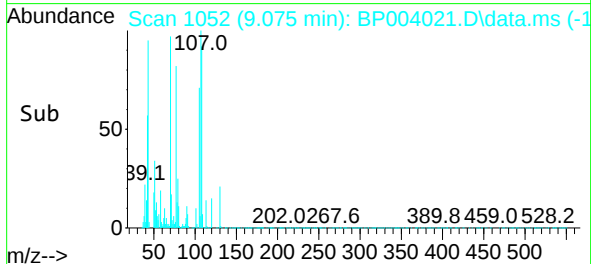
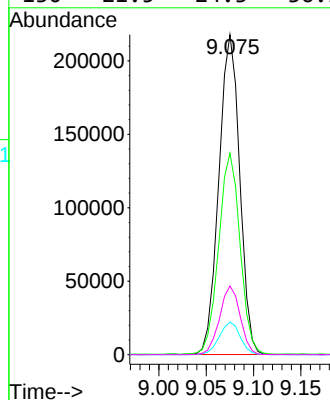
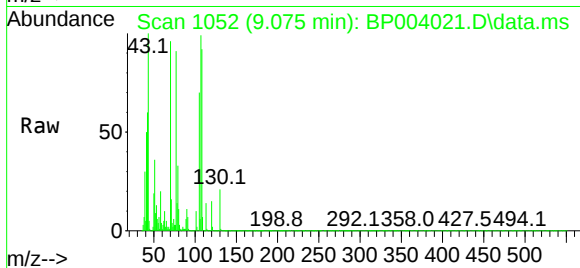


#19

n-Nitroso-di-n-propylamine
Concen: 54.52 ng
RT: 9.075 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

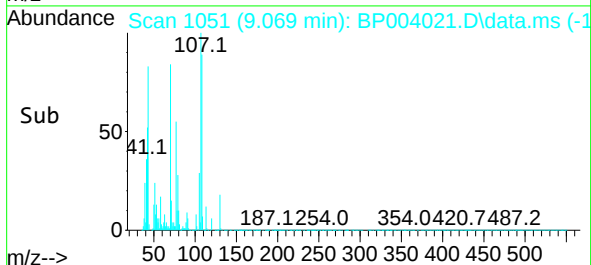
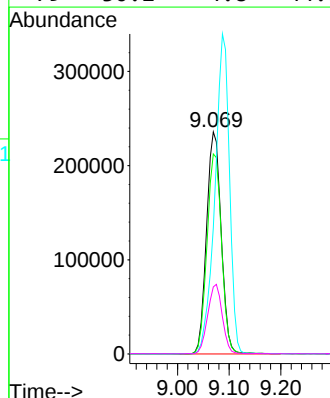
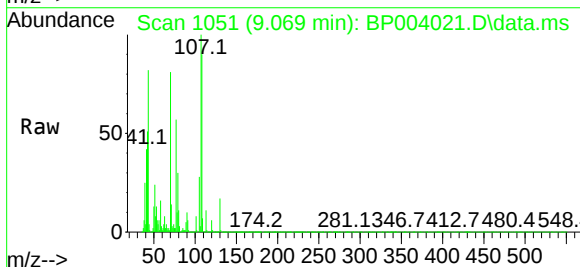
Tgt Ion:	70	Resp:	333236
Ion	Ratio	Lower	Upper
70	100		
42	63.0	32.8	49.2#
101	10.2	9.6	14.4
130	21.5	24.3	36.5#

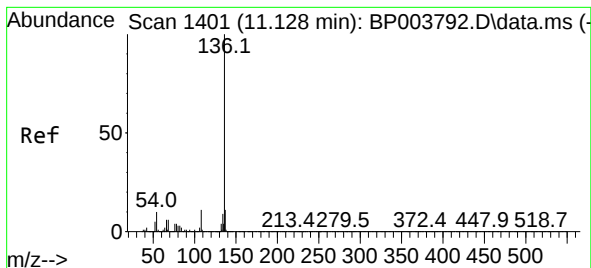


#20

3+4-Methylphenols
Concen: 53.53 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:	107	Resp:	462977
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.0	109.0
77	56.9	8.5	48.5#
79	30.2	4.8	44.8

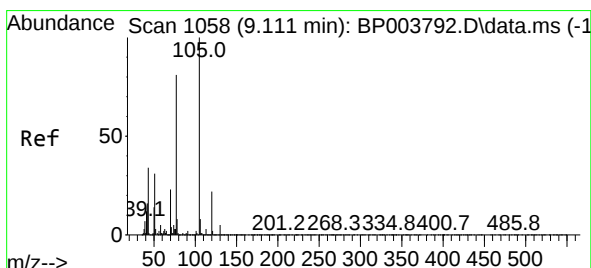
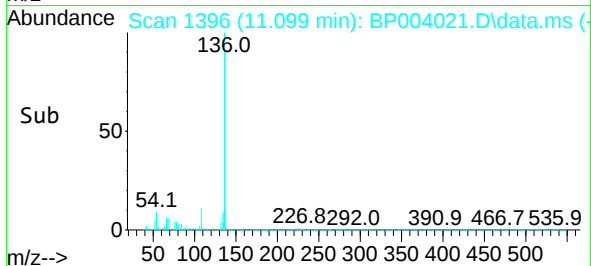
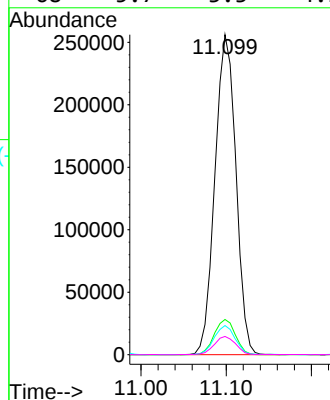
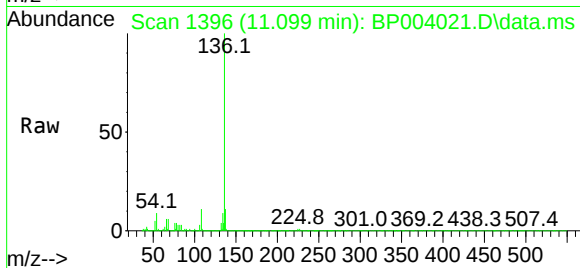




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

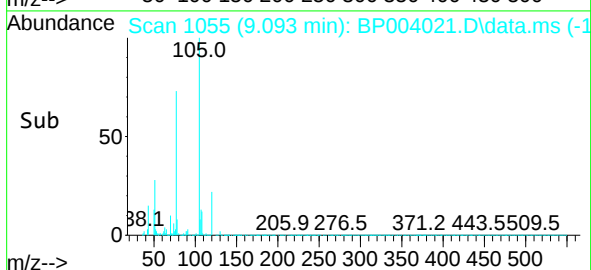
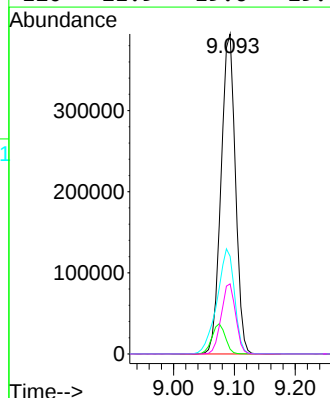
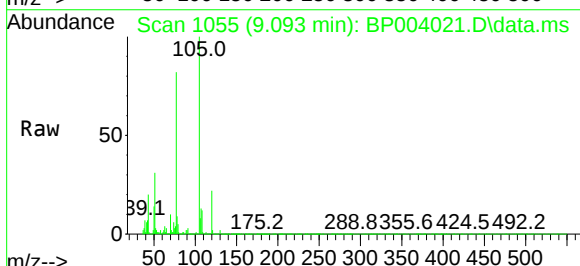
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

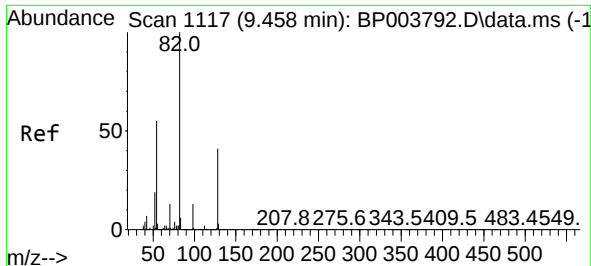
Tgt Ion:	136	Resp:	438083
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	9.1	3.6	5.4#
68	5.7	3.3	4.9#



#22
Acetophenone
Concen: 55.04 ng
RT: 9.093 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:	105	Resp:	647161
Ion Ratio	Lower	Upper	
105	100		
71	1.5	2.6	3.8#
51	30.5	13.5	20.3#
120	21.9	19.6	29.4

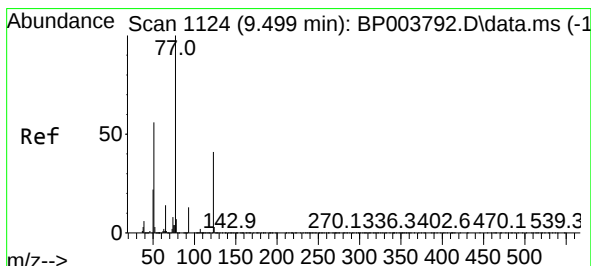
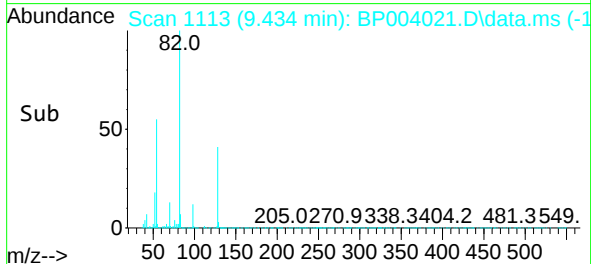
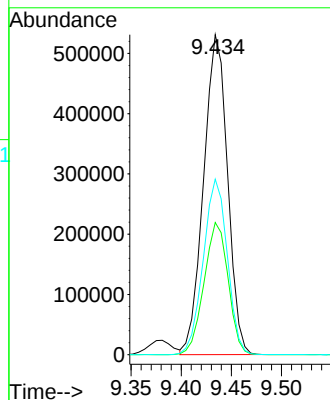
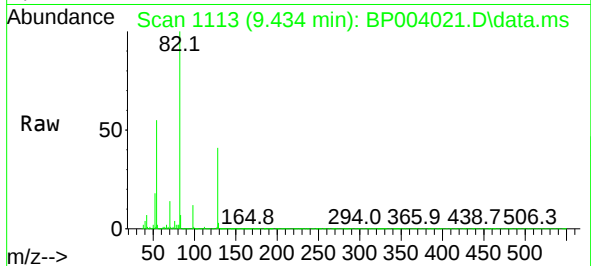




#23
Nitrobenzene-d5
Concen: 98.75 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

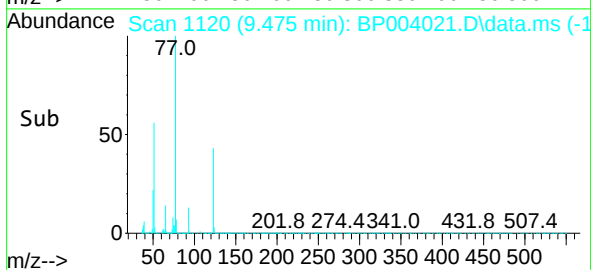
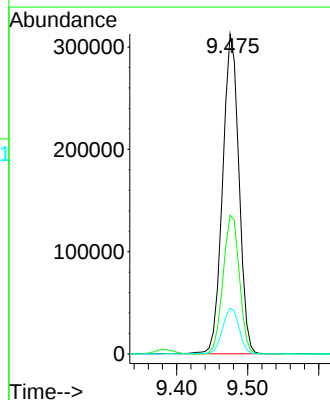
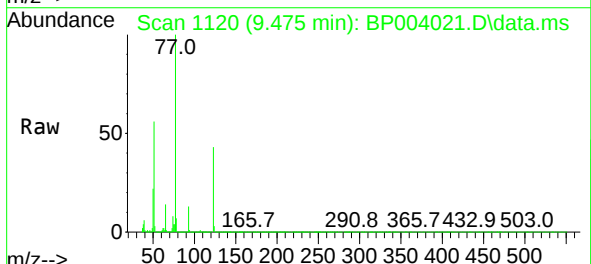
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

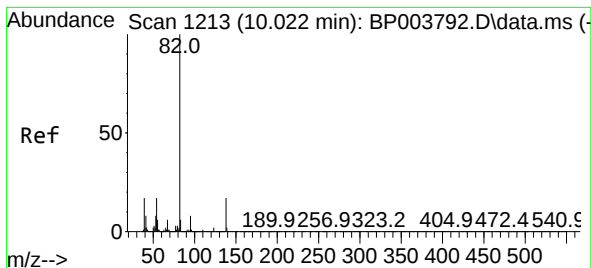
Tgt Ion: 82 Resp: 883294
Ion Ratio Lower Upper
82 100
128 41.3 45.6 68.4#
54 54.9 30.1 45.1#



#24
Nitrobenzene
Concen: 55.81 ng
RT: 9.475 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 77 Resp: 496083
Ion Ratio Lower Upper
77 100
123 43.4 48.6 72.8#
65 14.3 10.0 15.0

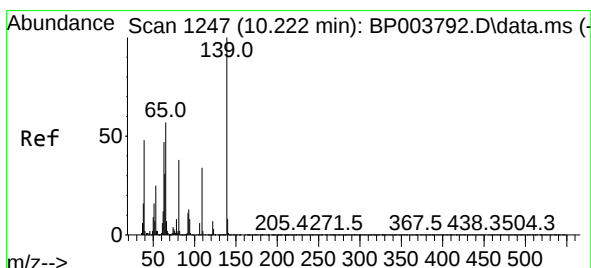
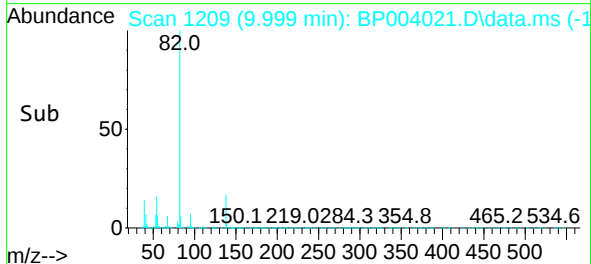
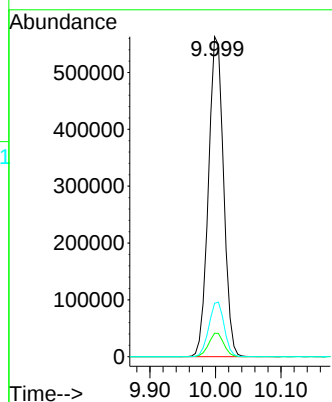
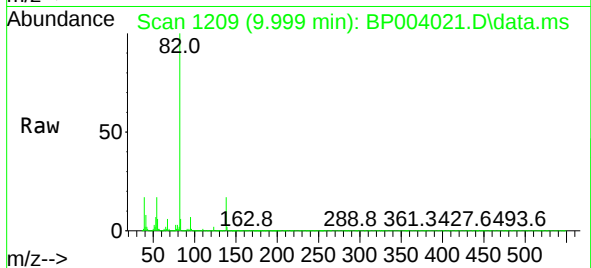




#25
Isophorone
Concen: 59.40 ng
RT: 9.999 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

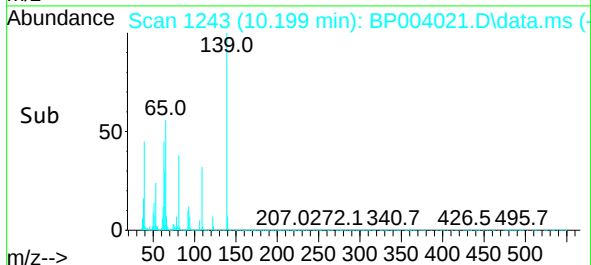
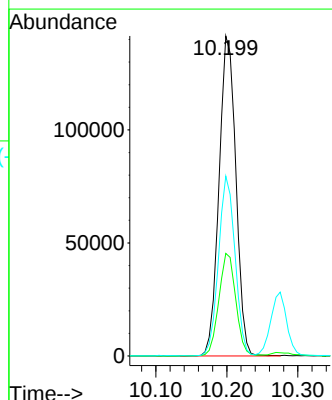
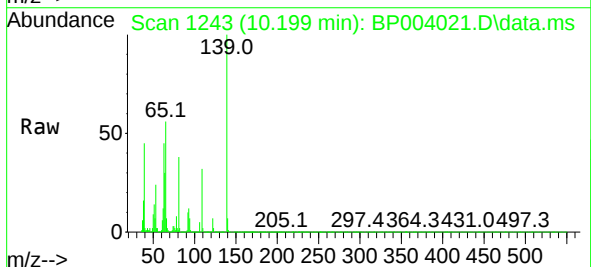
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

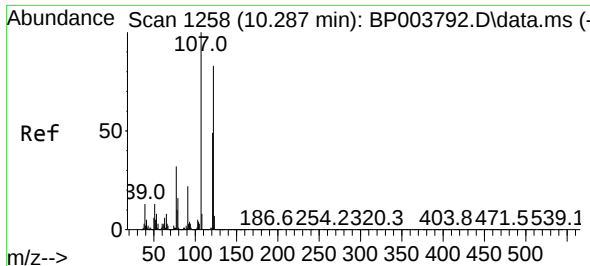
Tgt Ion: 82 Resp: 902429
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 16.7 18.7 28.1#



#26
2-Nitrophenol
Concen: 66.98 ng
RT: 10.199 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 139 Resp: 232496
Ion Ratio Lower Upper
139 100
109 32.1 22.1 33.1
65 56.2 26.5 39.7#

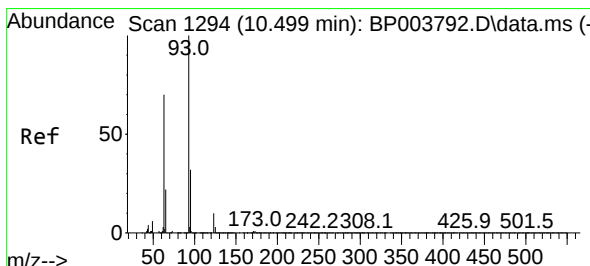
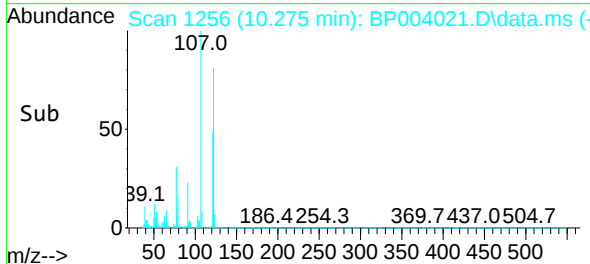
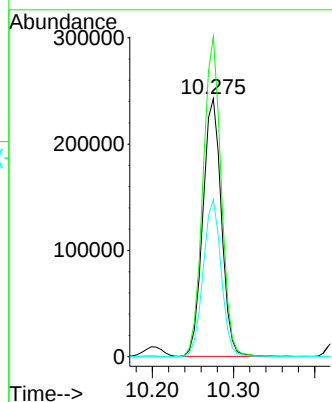
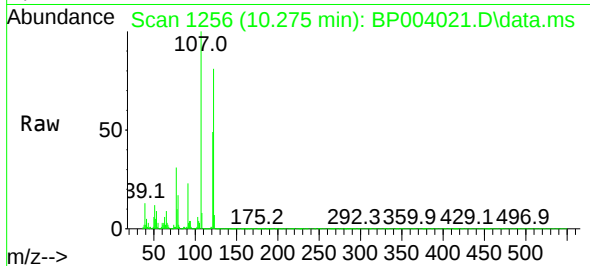




#27
2,4-Dimethylphenol
Concen: 66.42 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

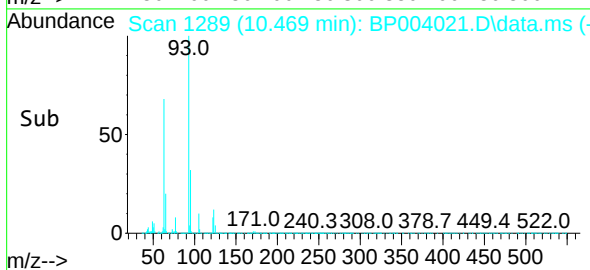
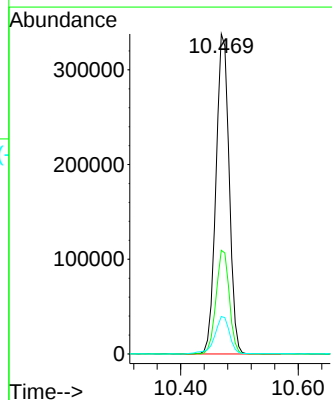
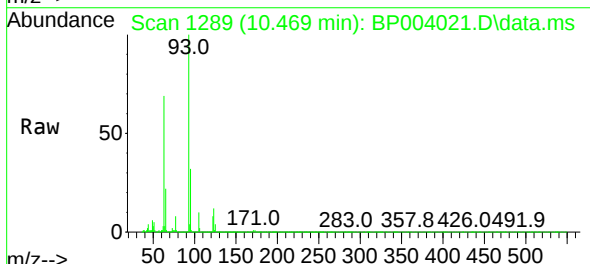
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

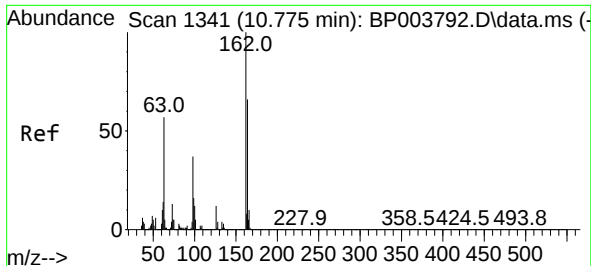
Tgt Ion:122 Resp: 384579
Ion Ratio Lower Upper
122 100
107 124.0 87.3 130.9
121 60.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 50.32 ng
RT: 10.469 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 93 Resp: 524659
Ion Ratio Lower Upper
93 100
95 32.4 26.7 40.1
123 11.7 10.5 15.7

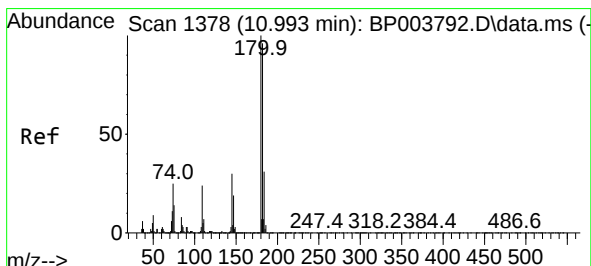
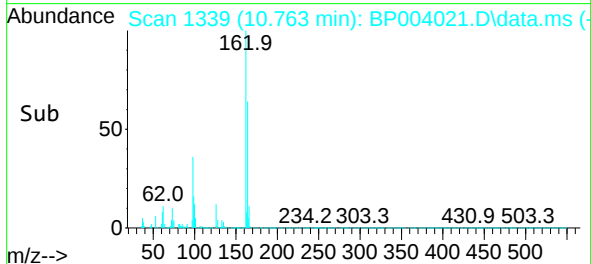
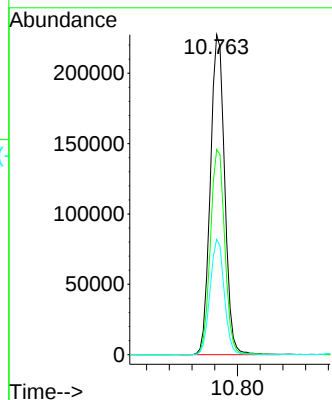
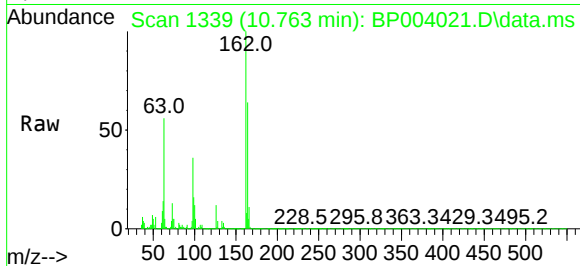




#29
2,4-Dichlorophenol
Concen: 56.79 ng
RT: 10.763 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

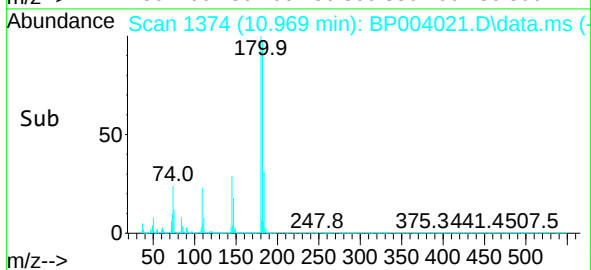
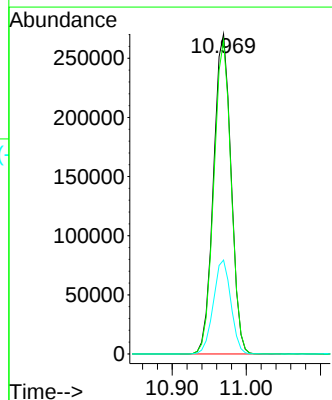
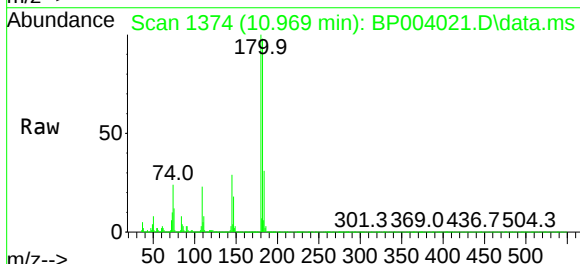
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

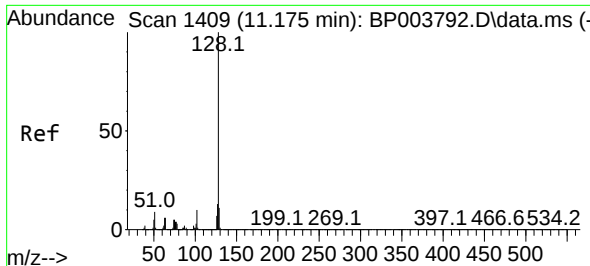
Tgt Ion:162 Resp: 396233
Ion Ratio Lower Upper
162 100
164 64.1 45.8 85.8
98 36.0 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 52.17 ng
RT: 10.969 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:180 Resp: 443471
Ion Ratio Lower Upper
180 100
182 98.0 76.2 114.2
145 29.4 23.8 35.8

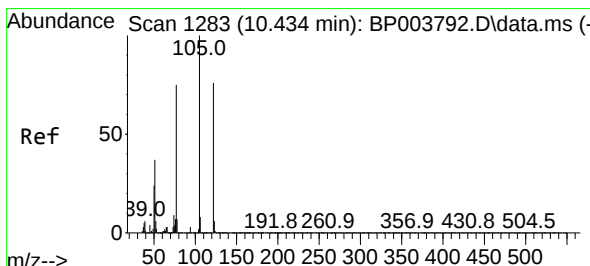
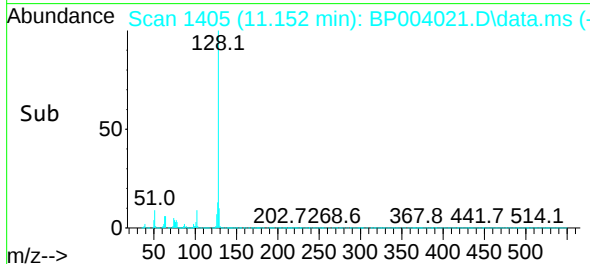
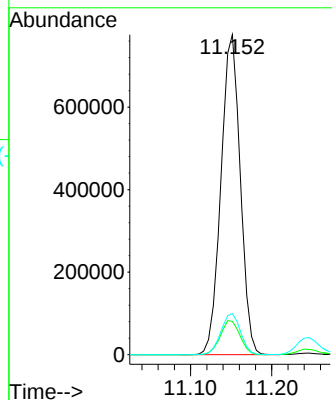
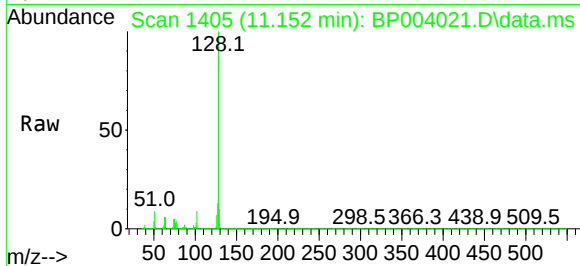




#31
Naphthalene
Concen: 54.55 ng
RT: 11.152 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

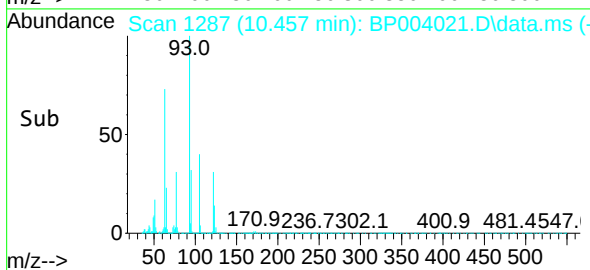
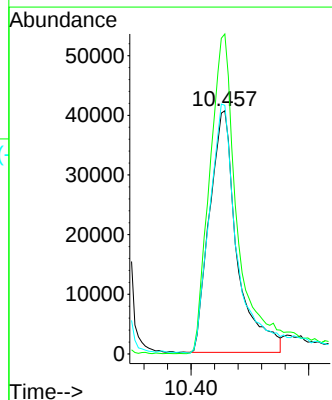
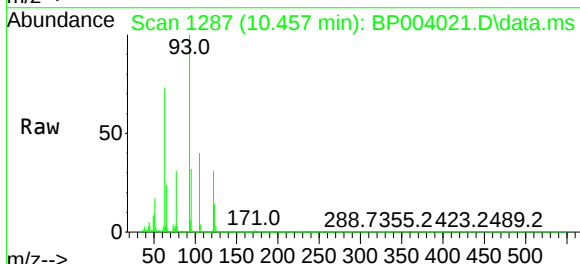
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

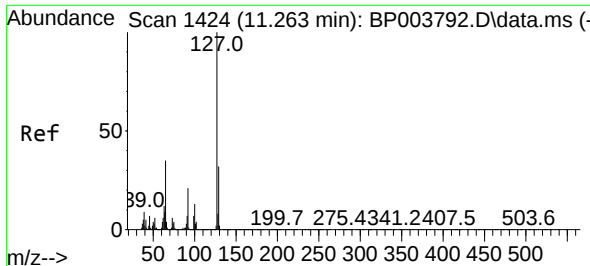
Tgt Ion:128 Resp: 1282308
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 35.20 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:122 Resp: 132174
Ion Ratio Lower Upper
122 100
105 131.5 94.1 134.1
77 102.2 50.1 90.1#

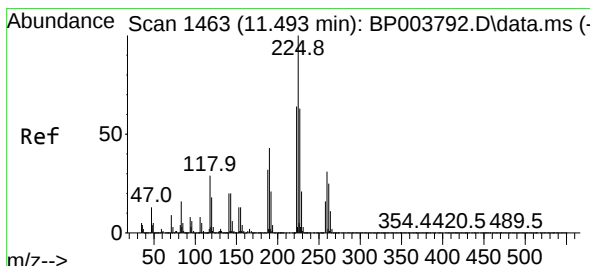
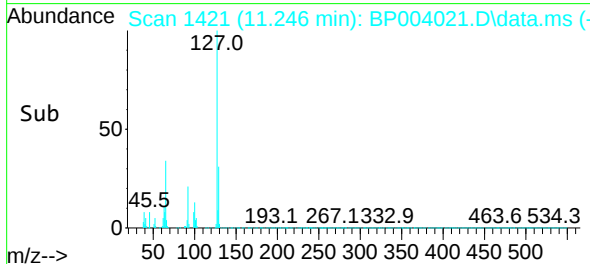
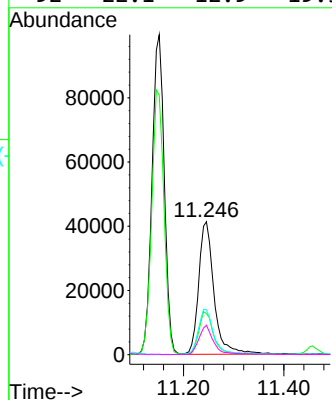
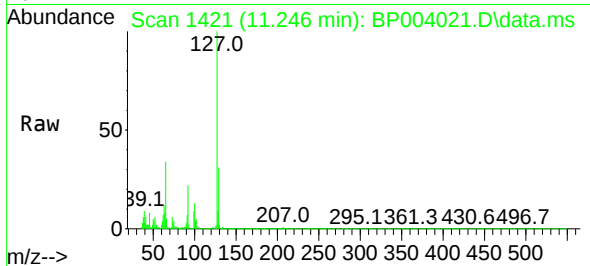




#33
4-Chloroaniline
Concen: 8.77 ng
RT: 11.246 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

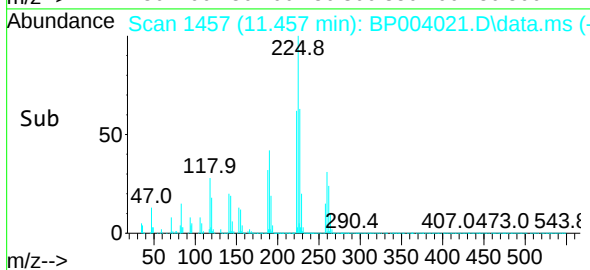
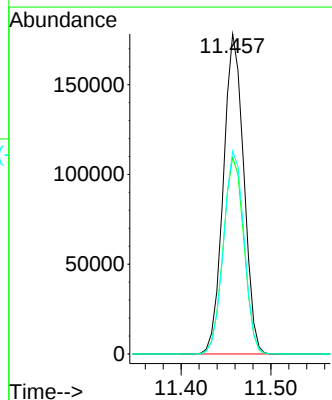
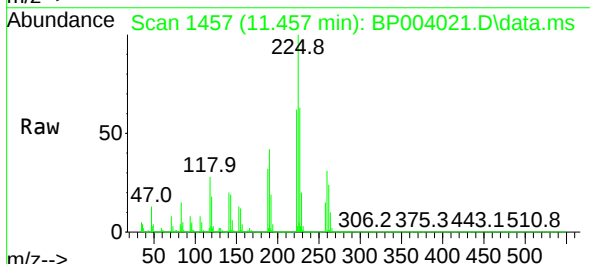
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

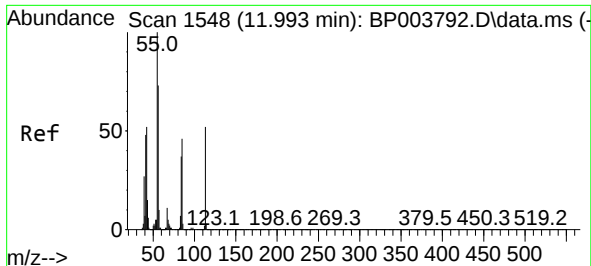
Tgt Ion:	127	Resp:	87646
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.7	38.5
65	33.8	17.3	25.9#
92	22.1	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 50.68 ng
RT: 11.457 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:	225	Resp:	280961
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.1	75.1
227	63.3	51.4	77.2

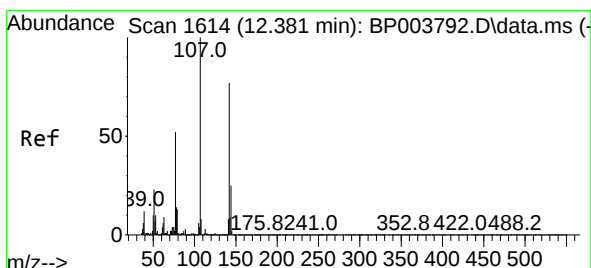
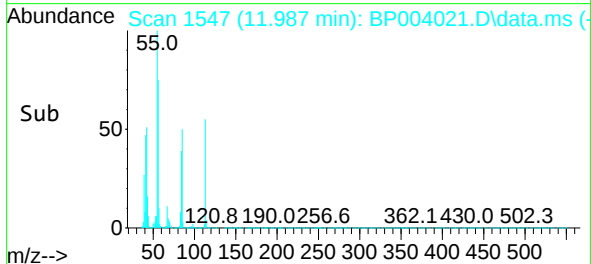
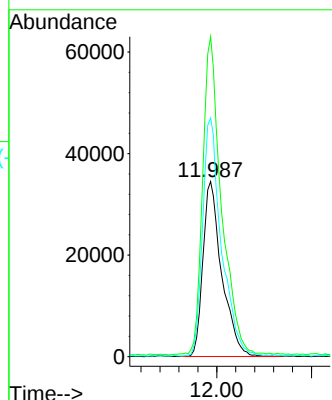
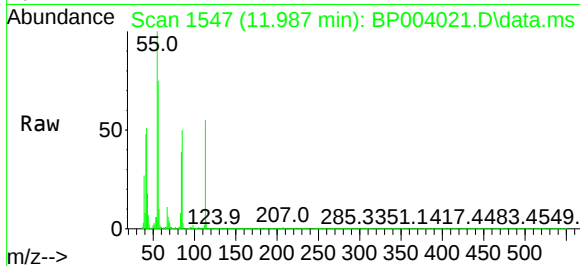




#35
Caprolactam
Concen: 44.16 ng
RT: 11.987 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

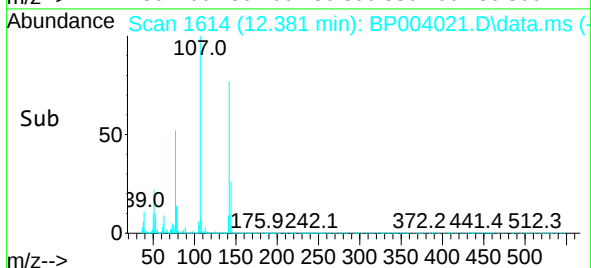
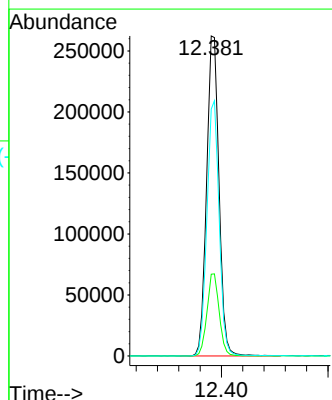
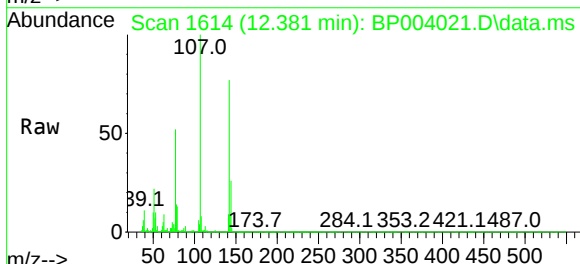
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

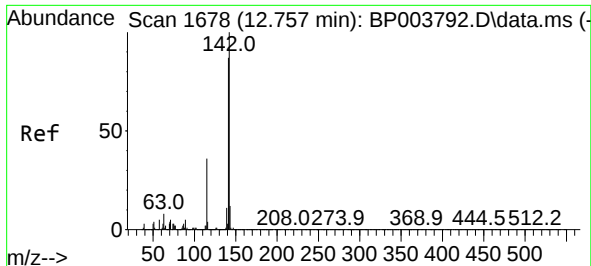
Tgt Ion:113 Resp: 95274
Ion Ratio Lower Upper
113 100
55 182.6 77.3 117.3#
56 136.3 55.9 95.9#



#36
4-Chloro-3-methylphenol
Concen: 56.04 ng
RT: 12.381 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:107 Resp: 422036
Ion Ratio Lower Upper
107 100
144 25.5 22.7 34.1
142 77.1 70.7 106.1

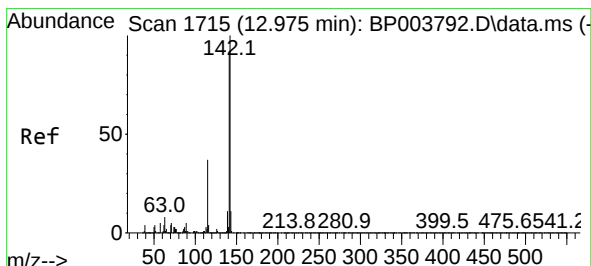
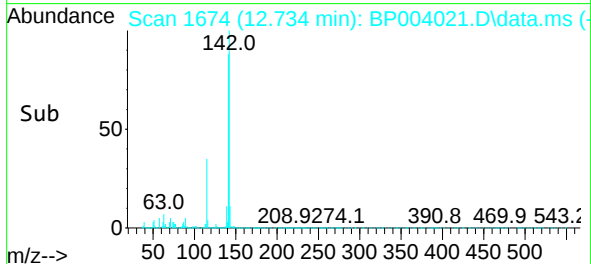
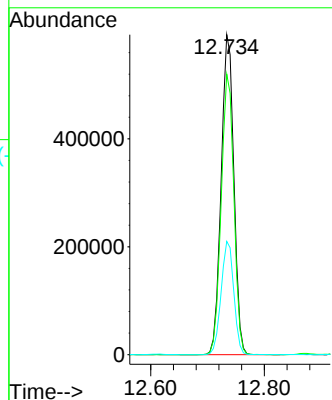
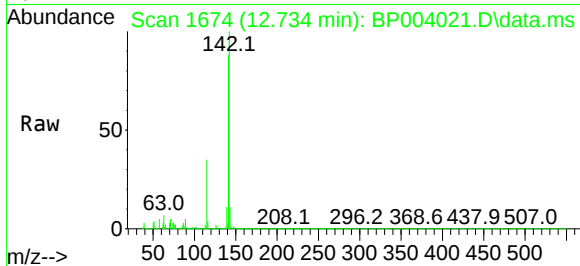




#37
2-Methylnaphthalene
Concen: 54.71 ng
RT: 12.734 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

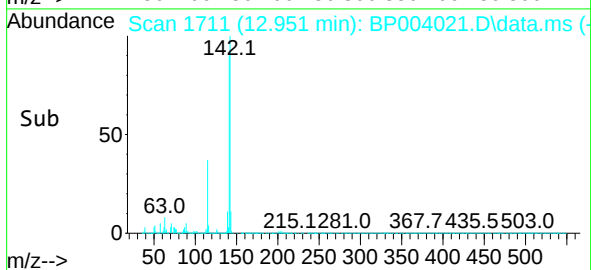
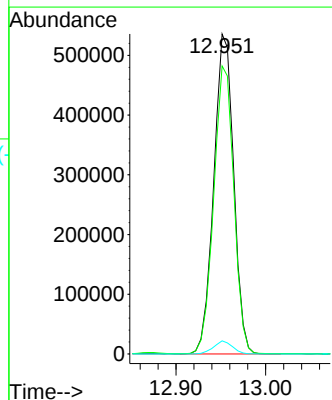
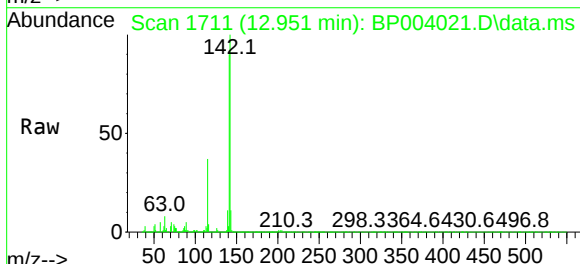
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

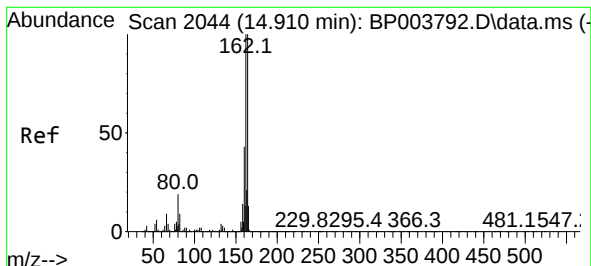
Tgt Ion:142 Resp: 920375
Ion Ratio Lower Upper
142 100
141 87.7 71.4 107.2
115 35.4 25.8 38.6



#38
1-Methylnaphthalene
Concen: 51.33 ng
RT: 12.951 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:142 Resp: 823634
Ion Ratio Lower Upper
142 100
141 90.0 74.4 111.6
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.892 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

Instrument :

BNA_P

ClientSampleId :

ND-SOILMS

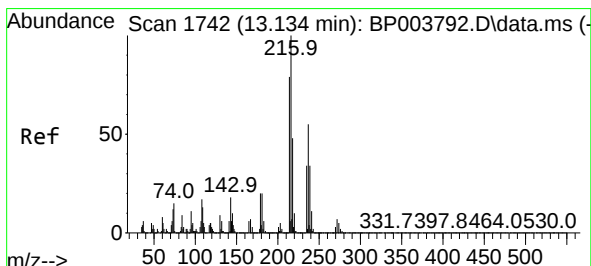
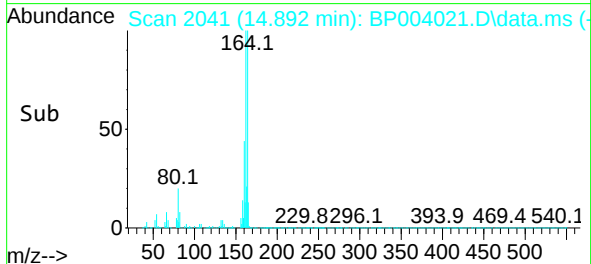
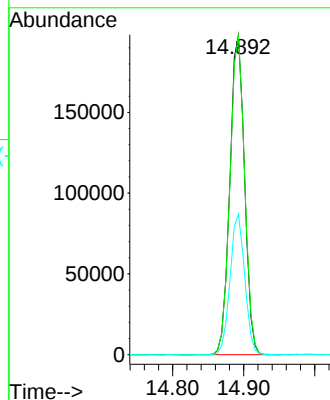
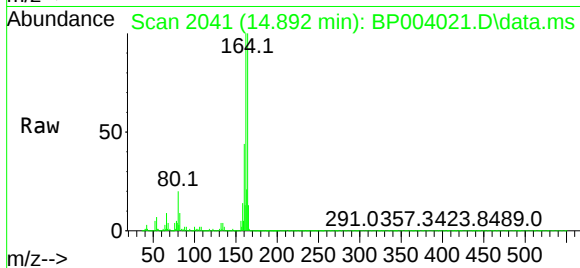
Tgt Ion:164 Resp: 283383

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

160 43.9 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.38 ng

RT: 13.116 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

Tgt Ion:216 Resp: 491247

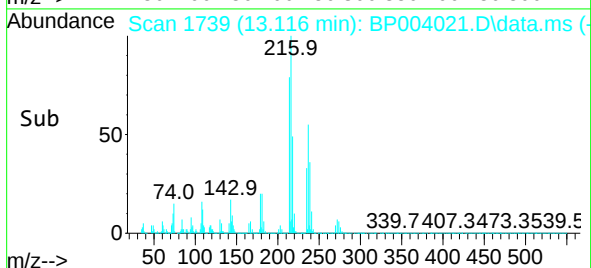
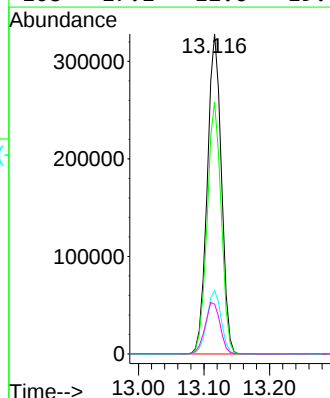
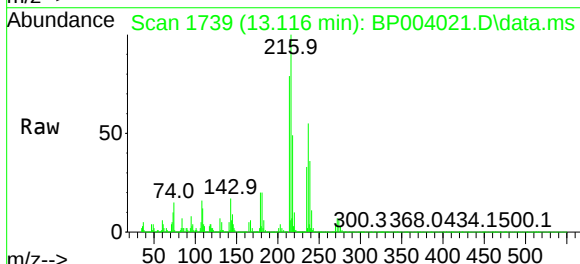
Ion Ratio Lower Upper

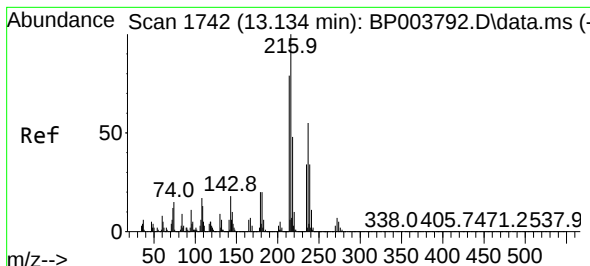
216 100

214 78.2 63.0 94.6

179 20.0 16.9 25.3

108 17.1 12.6 19.0

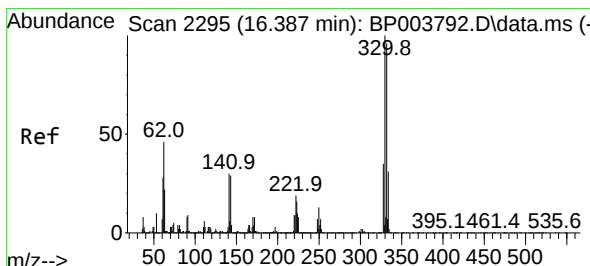
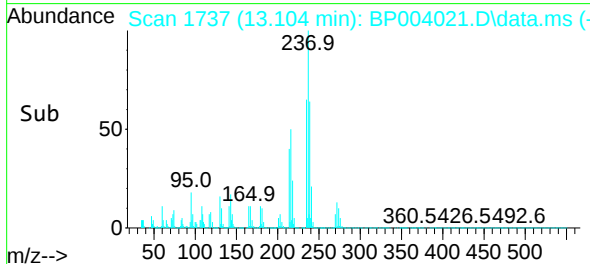
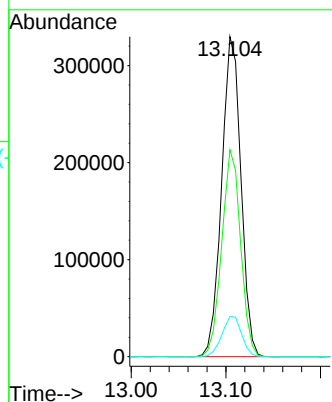
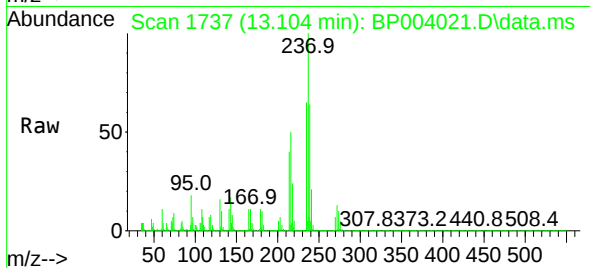




#41
Hexachlorocyclopentadiene
Concen: 98.63 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

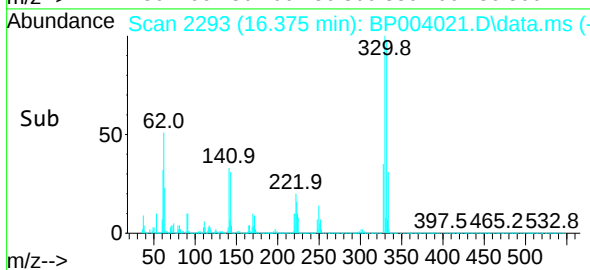
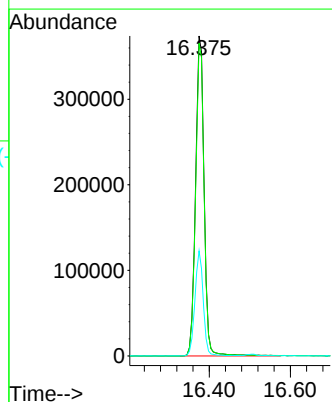
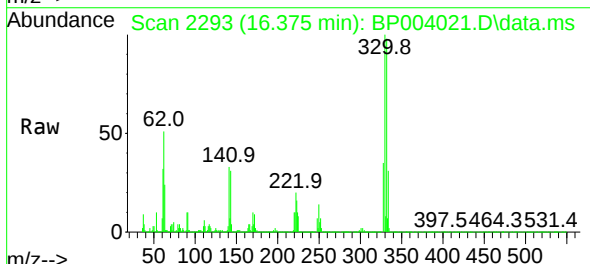
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

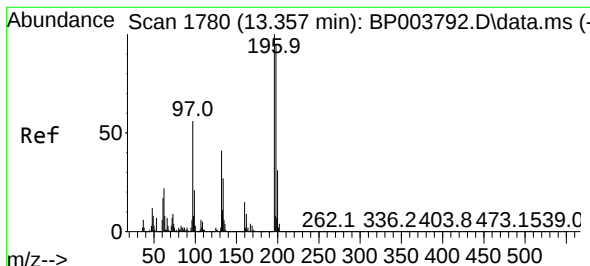
Tgt Ion:237 Resp: 466671
Ion Ratio Lower Upper
237 100
235 64.7 43.2 83.2
272 12.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 154.73 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:330 Resp: 548437
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 31.8 23.4 35.2

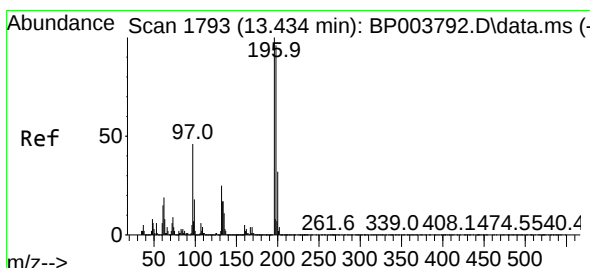
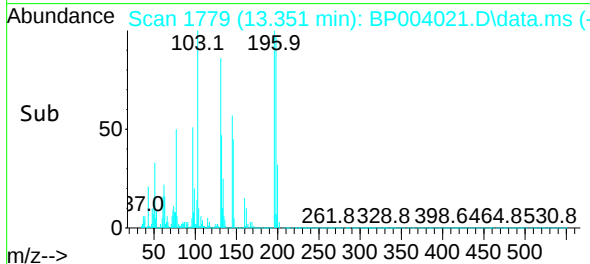
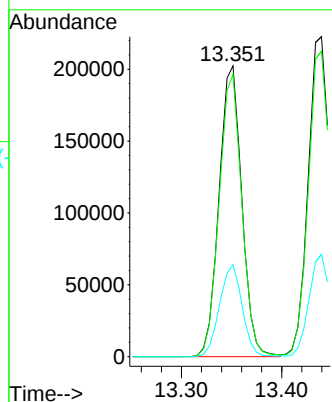
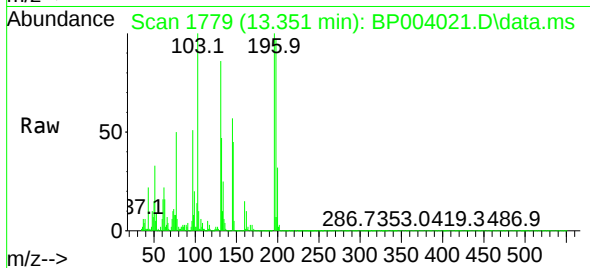




#43
2,4,6-Trichlorophenol
Concen: 54.83 ng
RT: 13.351 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

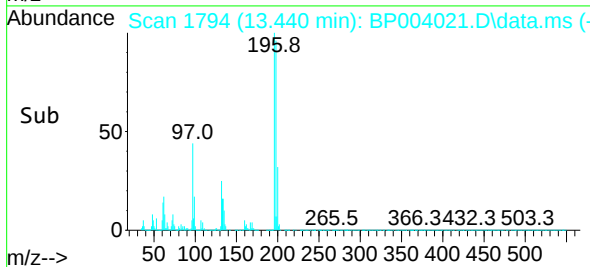
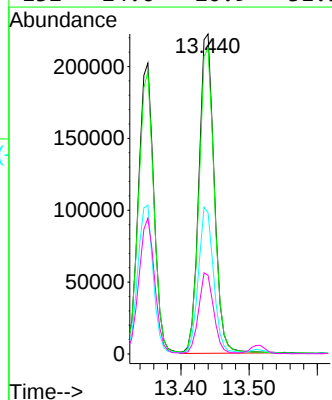
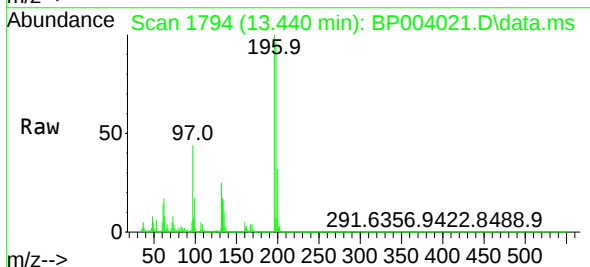
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

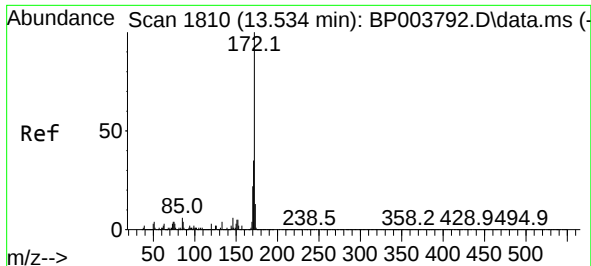
Tgt Ion:196 Resp: 317871
Ion Ratio Lower Upper
196 100
198 97.1 77.0 115.6
200 31.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 56.94 ng
RT: 13.440 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:196 Resp: 347581
Ion Ratio Lower Upper
196 100
198 95.5 77.3 115.9
97 44.1 31.0 46.4
132 24.6 20.9 31.3

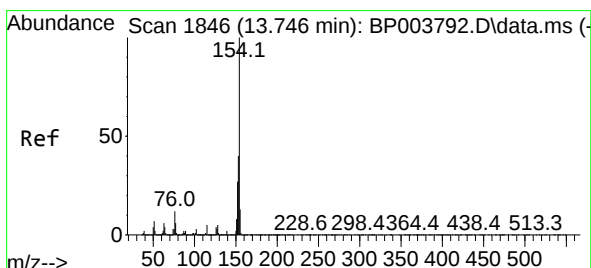
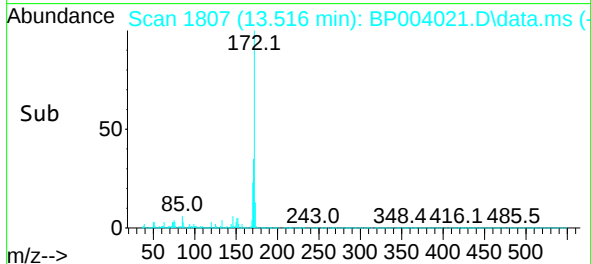
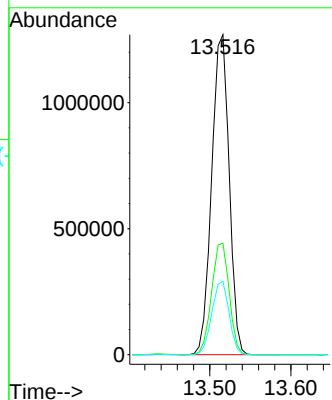
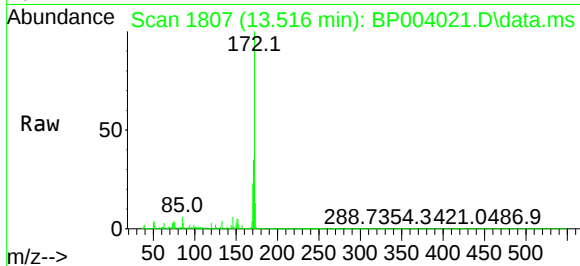




#45
2-Fluorobiphenyl
Concen: 93.50 ng
RT: 13.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

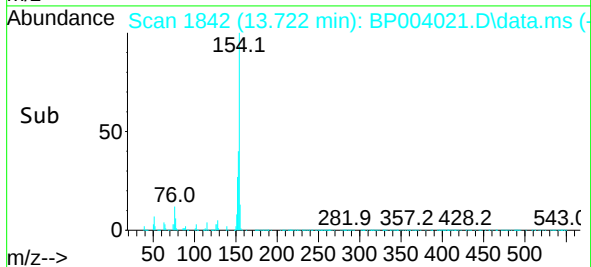
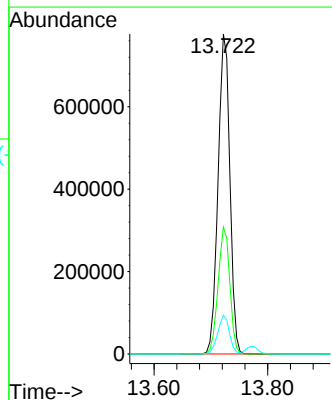
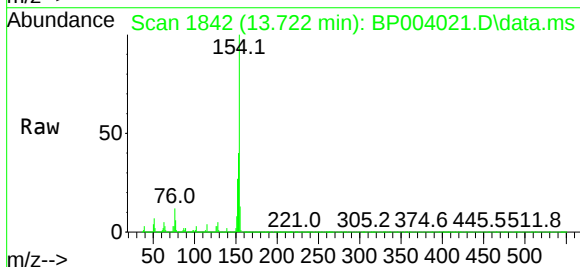
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

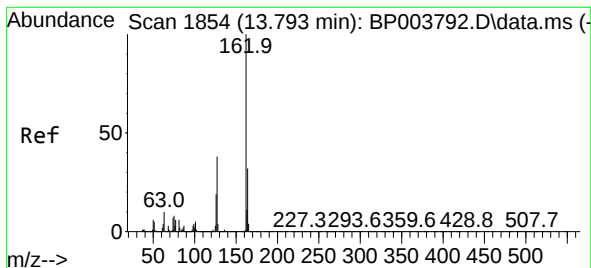
Tgt Ion:172 Resp: 1895363
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 50.69 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:154 Resp: 1115021
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 12.1 0.0 29.3

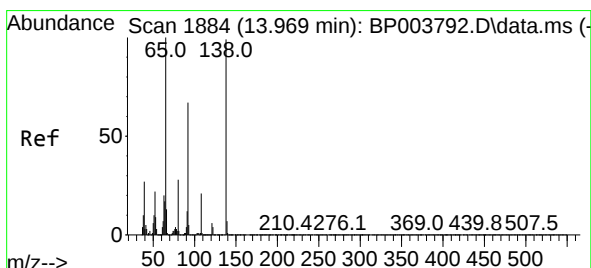
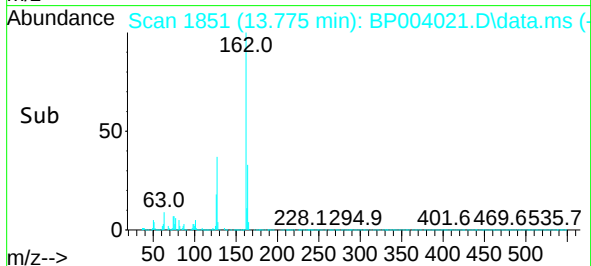
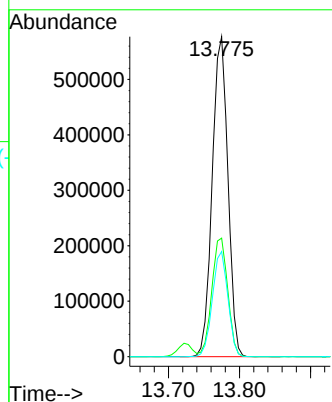
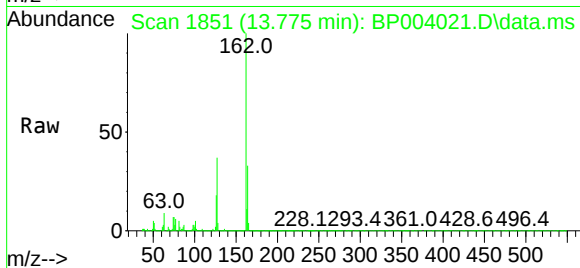




#47
2-Chloronaphthalene
Concen: 48.90 ng
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

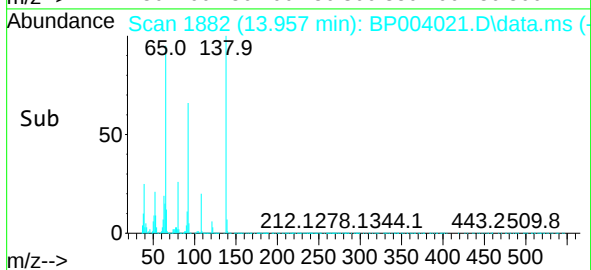
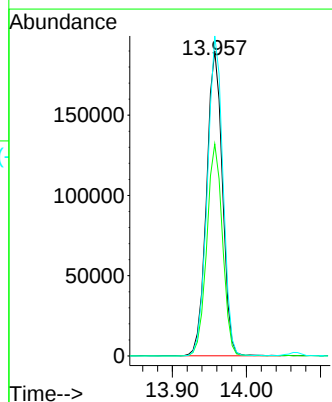
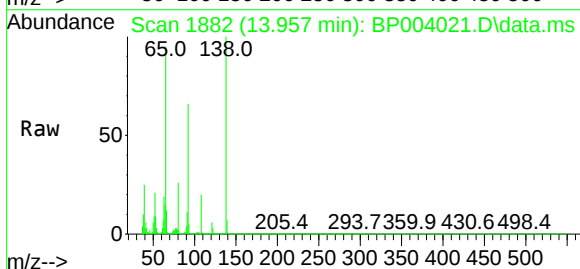
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

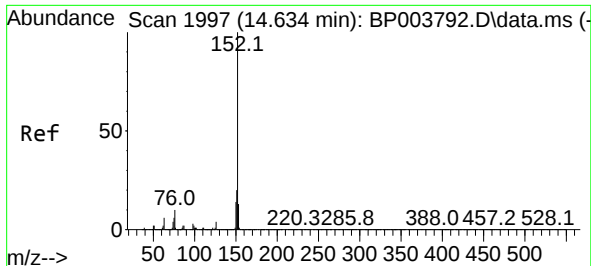
Tgt Ion:162 Resp: 882692
Ion Ratio Lower Upper
162 100
127 37.1 29.9 44.9
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 52.50 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 65 Resp: 282775
Ion Ratio Lower Upper
65 100
92 69.5 70.6 106.0#
138 104.9 133.6 200.4#

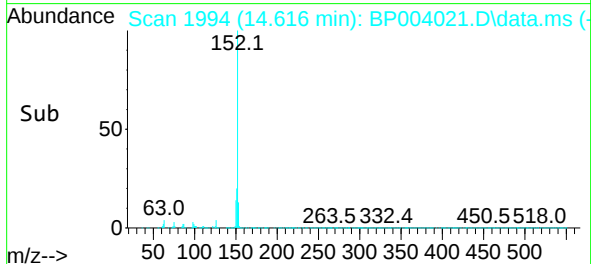
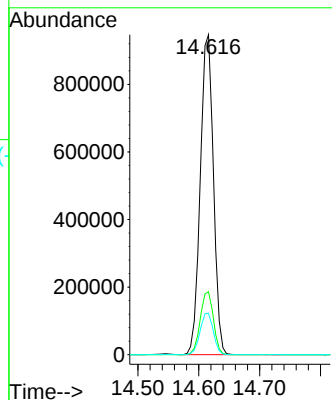
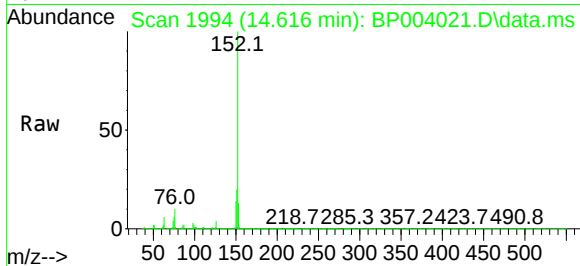




#49
Acenaphthylene
Concen: 53.55 ng
RT: 14.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

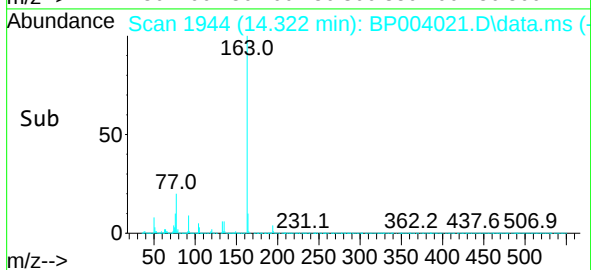
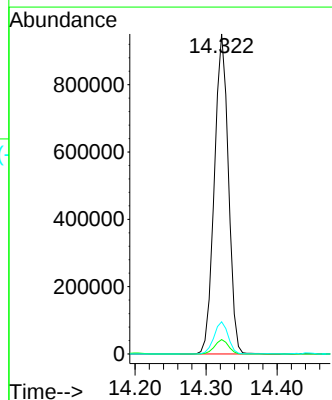
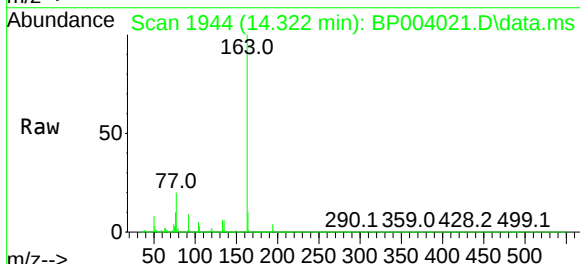
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

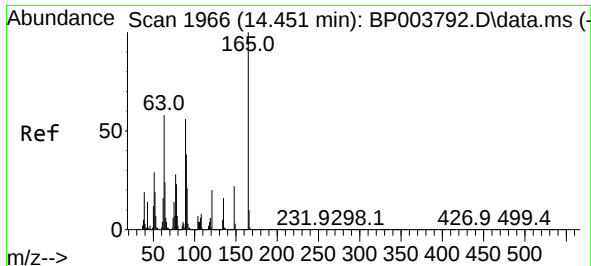
Tgt Ion:152 Resp: 1419355
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 58.71 ng
RT: 14.322 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:163 Resp: 1300392
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.1 8.2 12.2

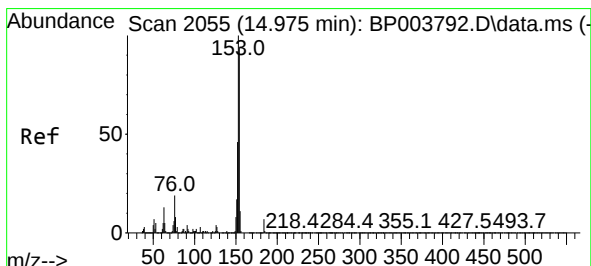
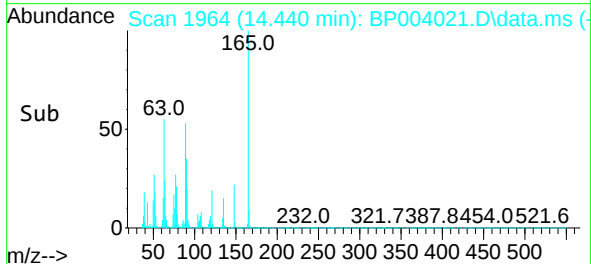
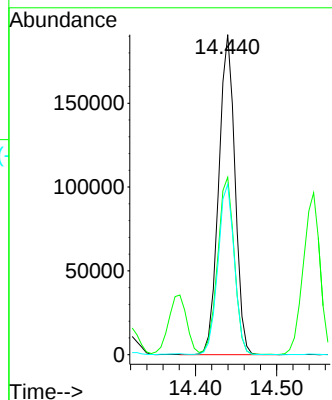
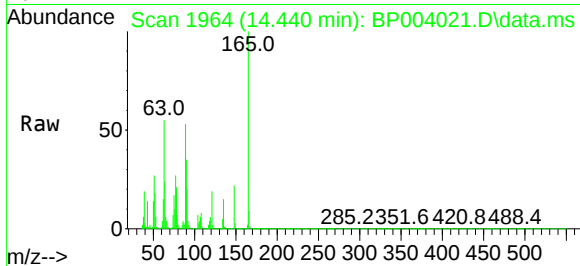




#51
2,6-Dinitrotoluene
Concen: 58.59 ng
RT: 14.440 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

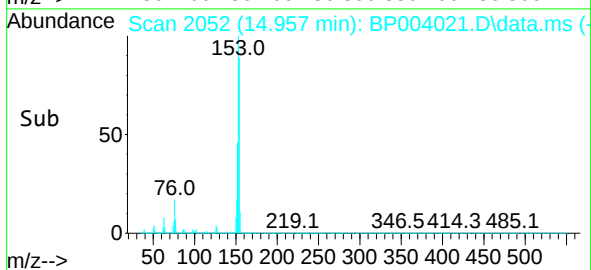
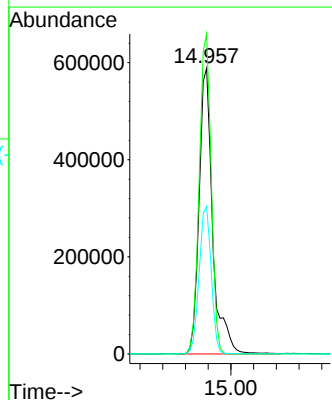
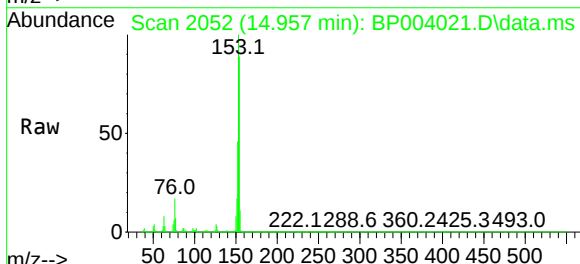
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

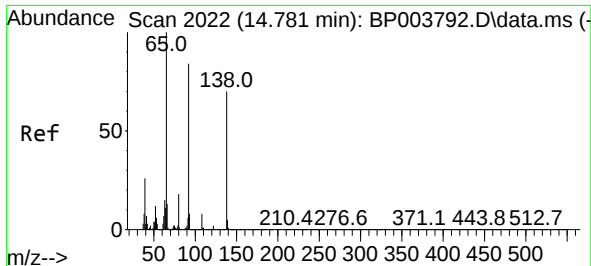
Tgt Ion:165 Resp: 266316
Ion Ratio Lower Upper
165 100
63 55.4 27.8 41.6#
89 53.2 34.6 52.0#



#52
Acenaphthene
Concen: 55.38 ng
RT: 14.957 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:154 Resp: 977716
Ion Ratio Lower Upper
154 100
153 112.0 91.0 136.6
152 51.7 43.0 64.6

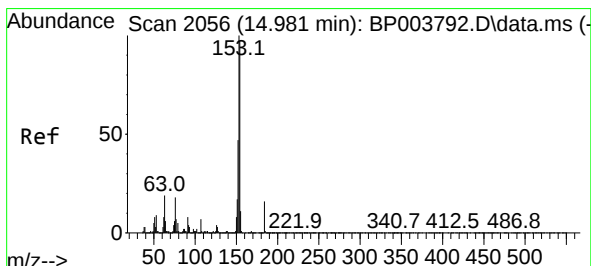
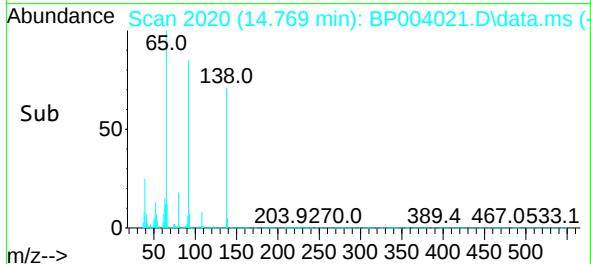
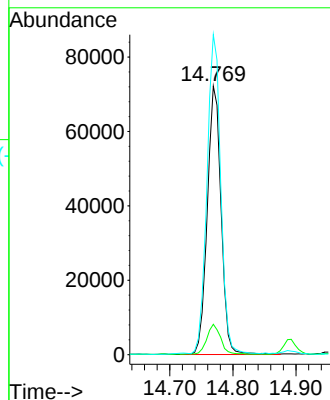
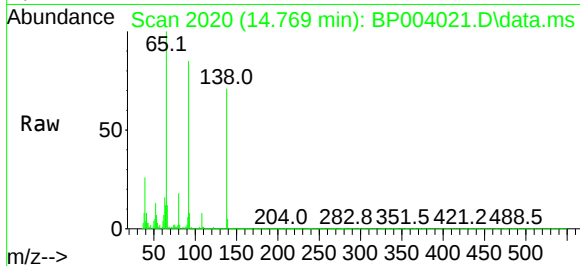




#53
3-Nitroaniline
Concen: 21.79 ng
RT: 14.769 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

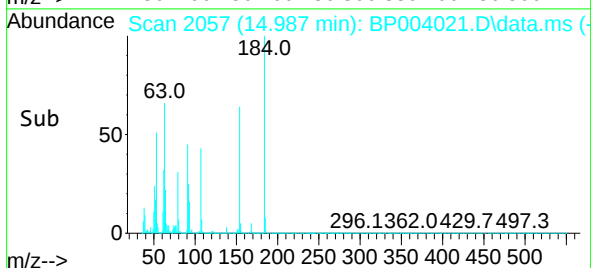
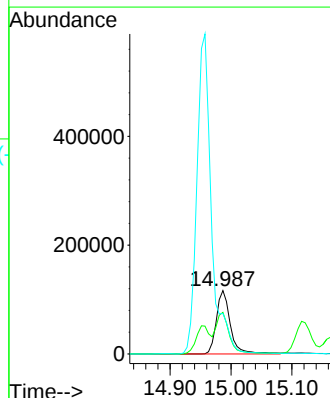
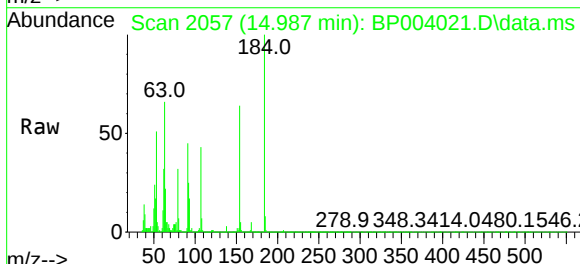
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

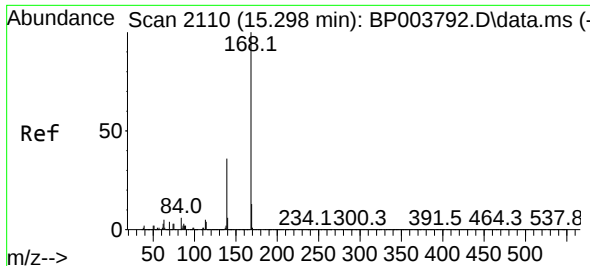
Tgt Ion:138 Resp: 109612
Ion Ratio Lower Upper
138 100
108 11.3 7.5 11.3#
92 119.1 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 75.06 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:184 Resp: 186073
Ion Ratio Lower Upper
184 100
63 65.7 32.3 48.5#
154 63.8 49.1 73.7

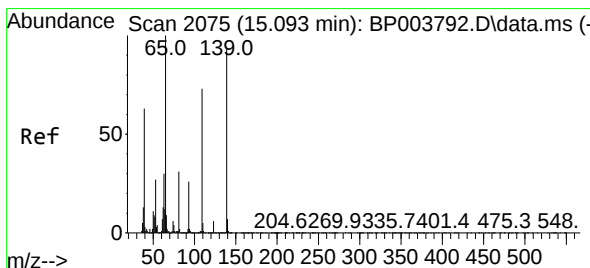
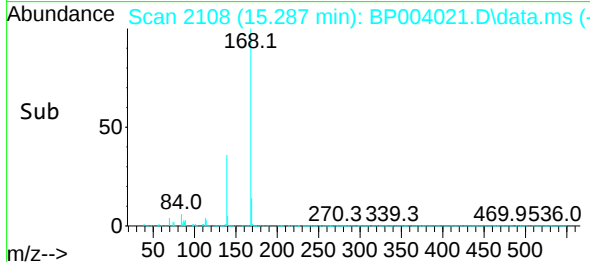
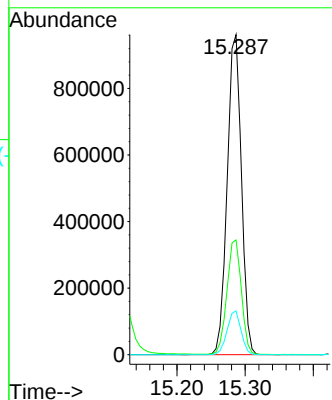
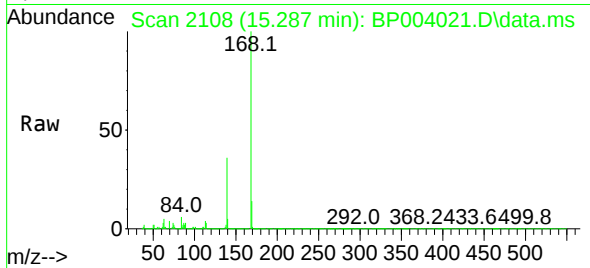




#55
Dibenzenofuran
Concen: 53.09 ng
RT: 15.287 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

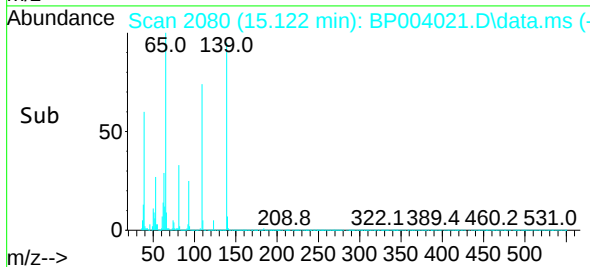
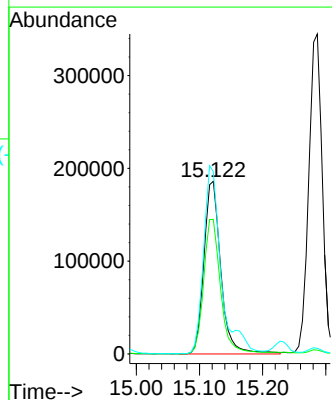
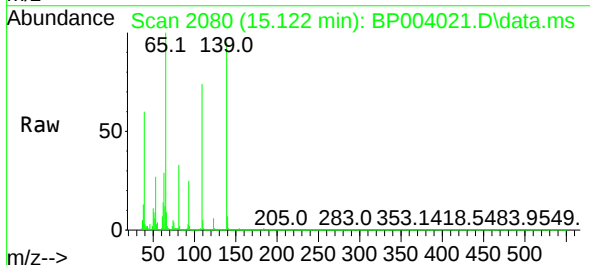
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

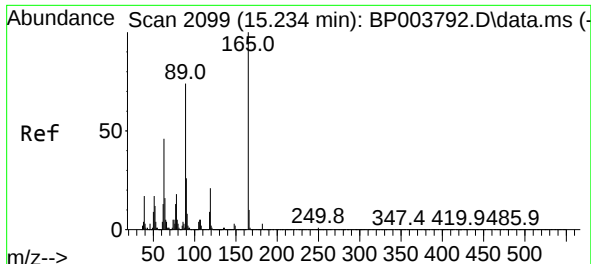
Tgt Ion:168 Resp: 1392531
Ion Ratio Lower Upper
168 100
139 35.9 29.1 43.7
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 95.32 ng
RT: 15.122 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:139 Resp: 345652
Ion Ratio Lower Upper
139 100
109 78.0 44.6 84.6
65 105.6 41.6 81.6#

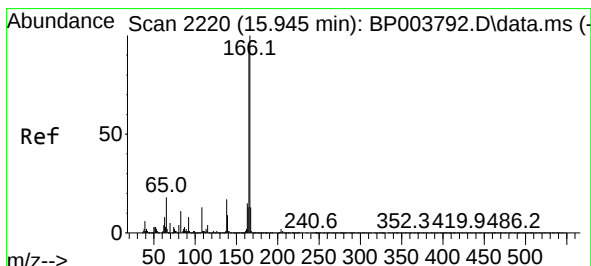
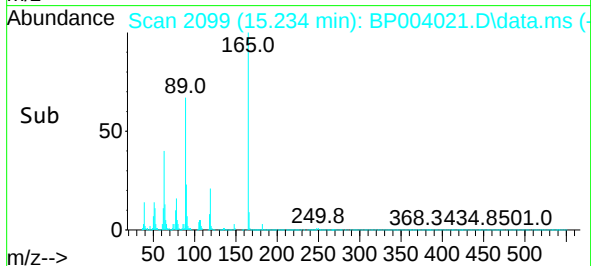
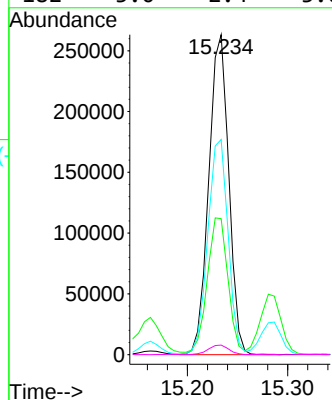
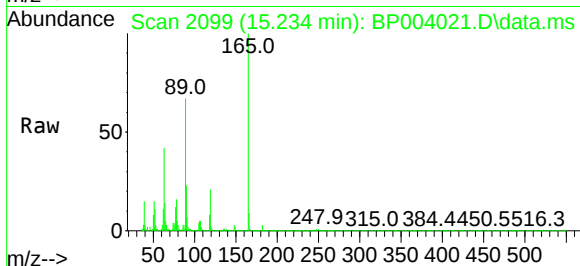




#57
2,4-Dinitrotoluene
Concen: 59.69 ng
RT: 15.234 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

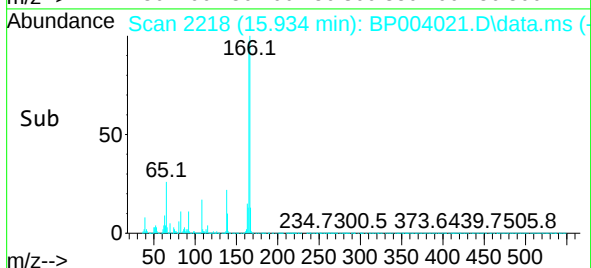
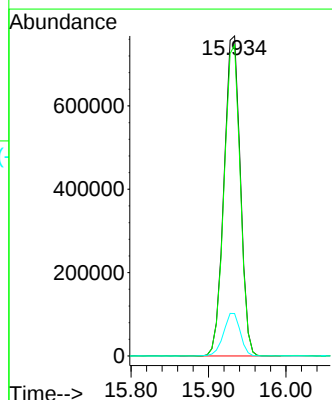
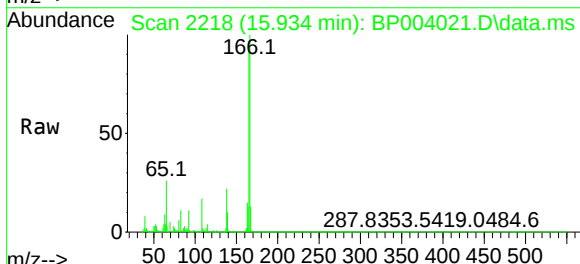
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

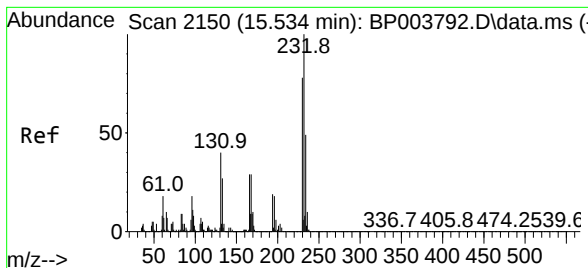
Tgt Ion:165 Resp: 364270
Ion Ratio Lower Upper
165 100
63 42.5 20.6 31.0#
89 67.3 42.6 63.8#
182 3.0 2.4 3.6



#58
Fluorene
Concen: 53.35 ng
RT: 15.934 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:166 Resp: 1120645
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.2 11.0 16.4

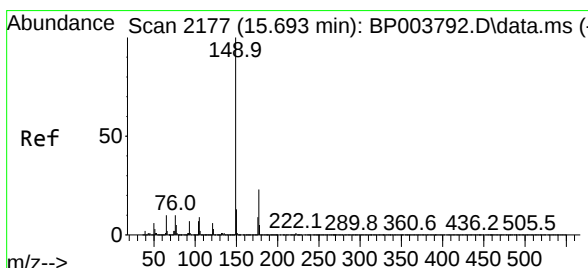
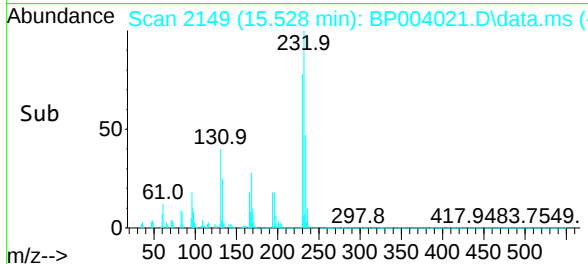
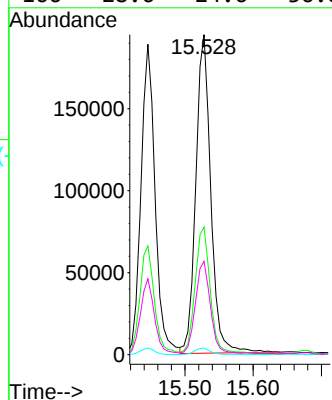
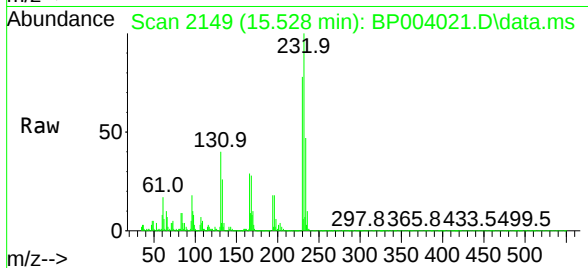




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.88 ng
RT: 15.528 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

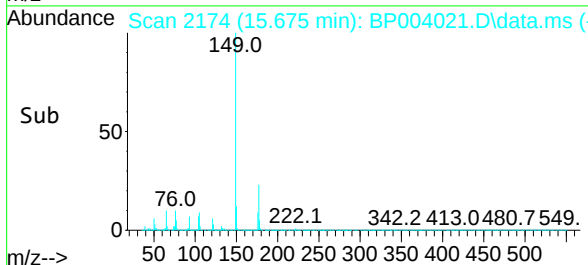
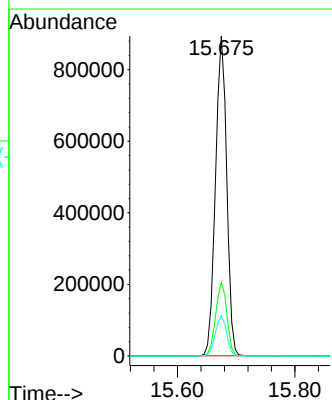
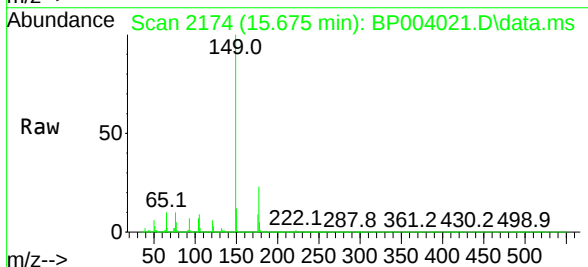
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

Tgt Ion:232	Resp:	296526
Ion Ratio	Lower	Upper
232	100	
131	39.5	34.1 51.1
130	2.2	1.8 2.8
166	28.6	24.6 36.8



#60
Diethylphthalate
Concen: 54.69 ng
RT: 15.675 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:149	Resp:	1186119
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.0 27.0
150	12.5	10.0 15.0

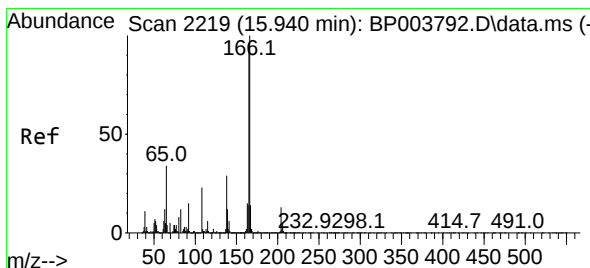
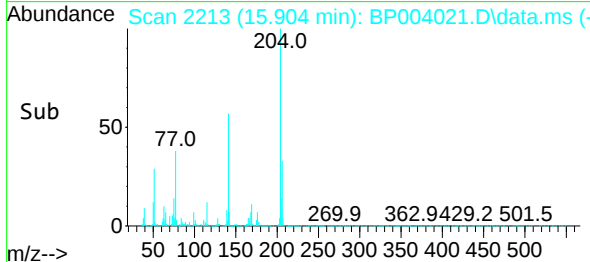
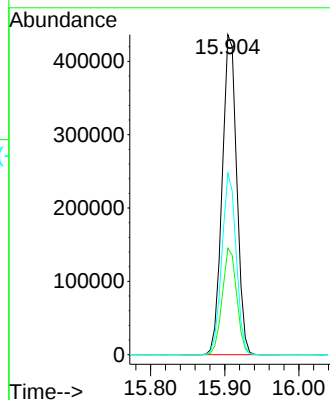
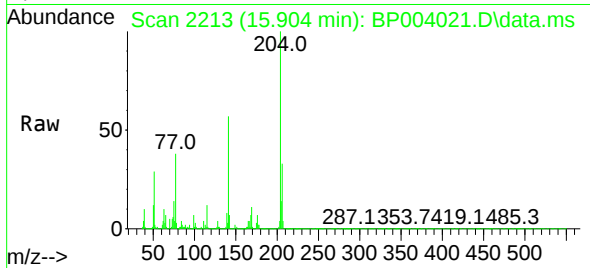




#61
4-Chlorophenyl-phenylether
Concen: 51.86 ng
RT: 15.904 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

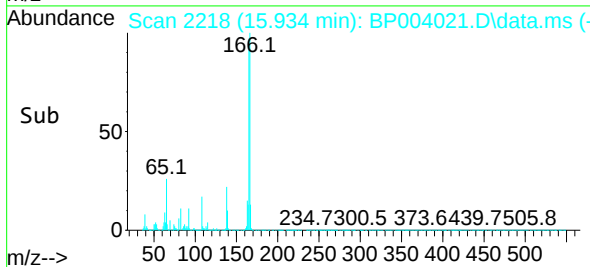
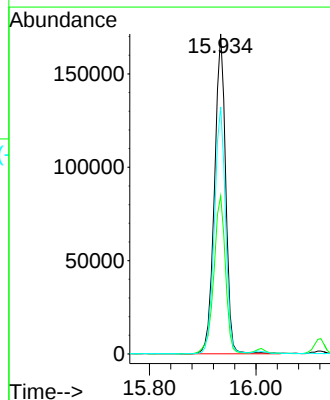
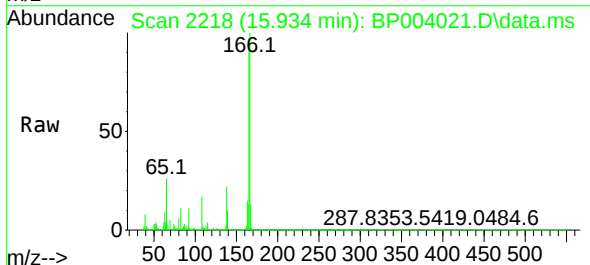
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

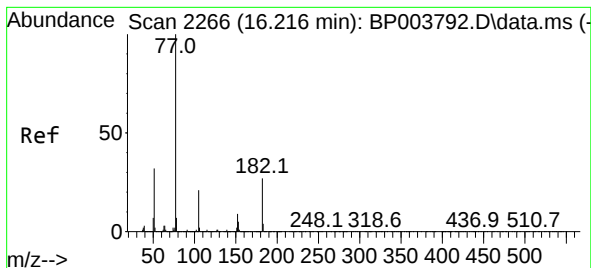
Tgt Ion:204 Resp: 595350
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 56.7 46.5 69.7



#62
4-Nitroaniline
Concen: 47.58 ng
RT: 15.934 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:138 Resp: 249533
Ion Ratio Lower Upper
138 100
92 49.4 20.7 60.7
108 77.2 47.8 87.8



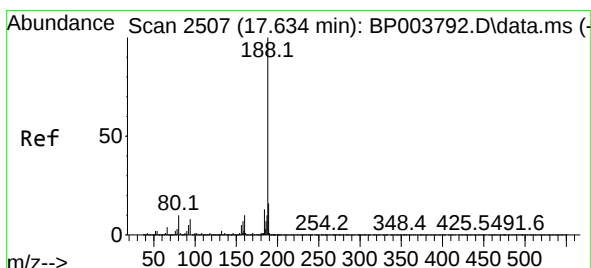
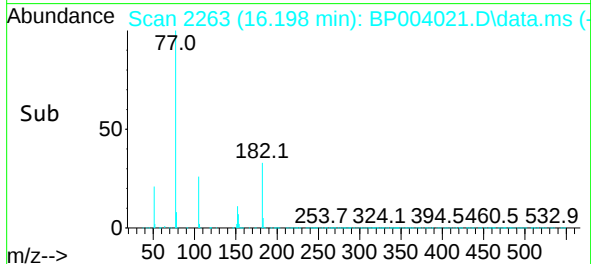
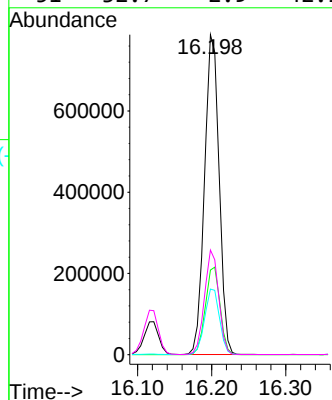
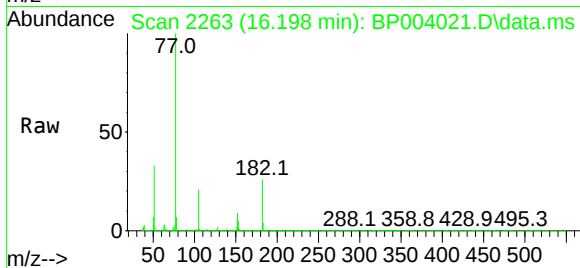


#63
Azobenzene
Concen: 52.60 ng
RT: 16.198 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

Tgt Ion: 77 Resp: 1077177

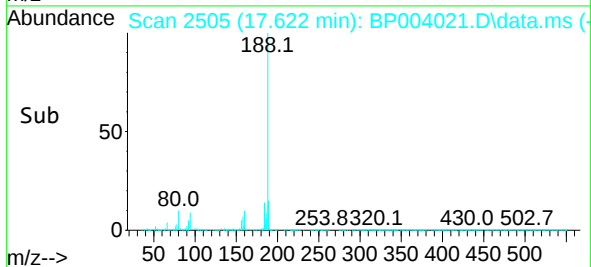
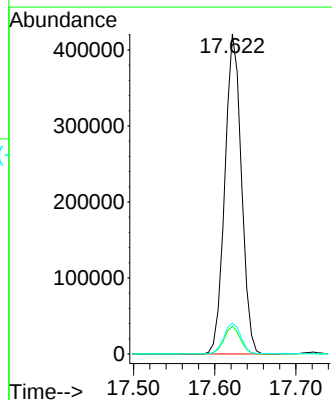
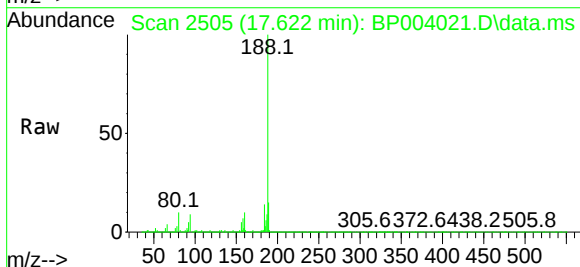
Ion	Ratio	Lower	Upper
77	100		
182	26.5	16.9	56.9
105	20.5	5.6	45.6
51	32.7	2.9	42.9

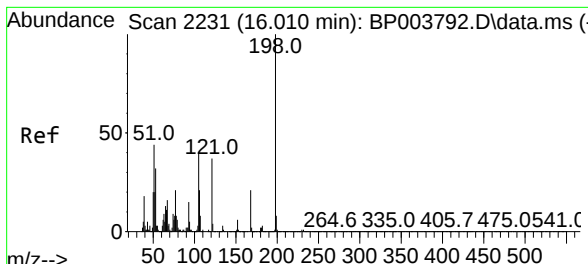


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion: 188 Resp: 596806

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.2	9.2
80	9.6	6.2	9.2#

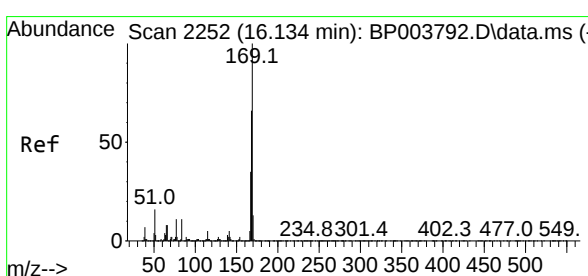
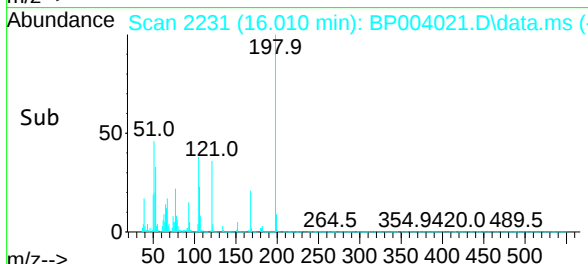
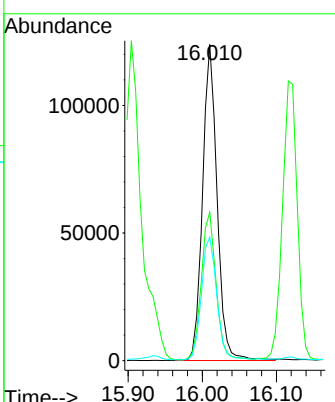
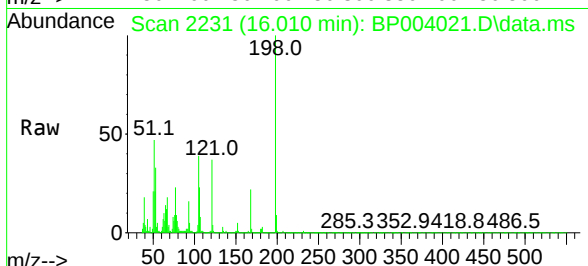




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.88 ng
 RT: 16.010 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: BP004021.D
 Acq: 20 Nov 2020 12:59

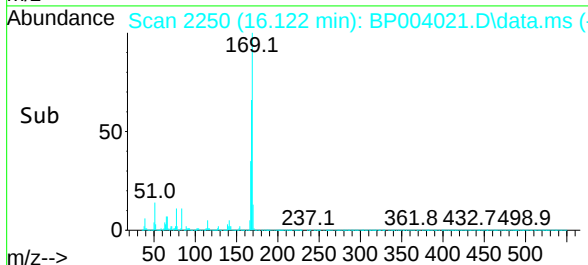
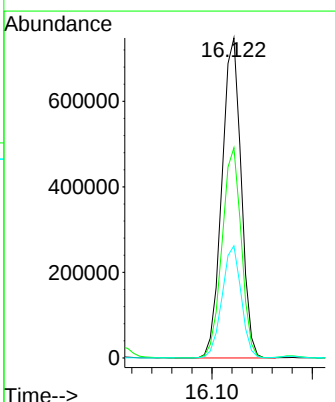
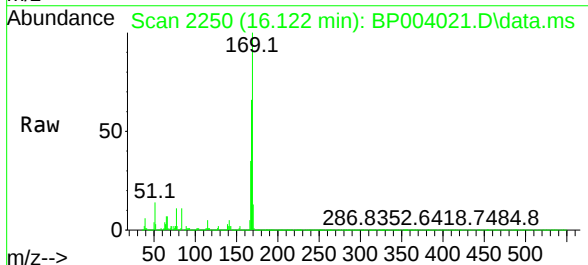
Instrument :
 BNA_P
 ClientSampleID :
 ND-SOILMS

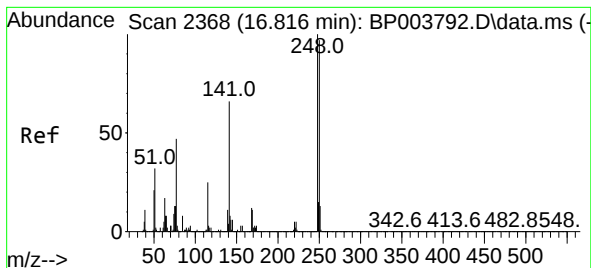
Tgt Ion:	198	Resp:	168616
Ion Ratio	Lower	Upper	
198	100		
51	47.0	6.4	46.4#
105	39.1	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 54.57 ng
 RT: 16.122 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: BP004021.D
 Acq: 20 Nov 2020 12:59

Tgt Ion:	169	Resp:	996954
Ion Ratio	Lower	Upper	
169	100		
168	65.7	53.8	80.6
167	35.1	28.9	43.3

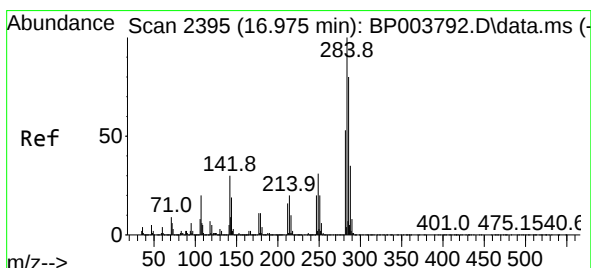
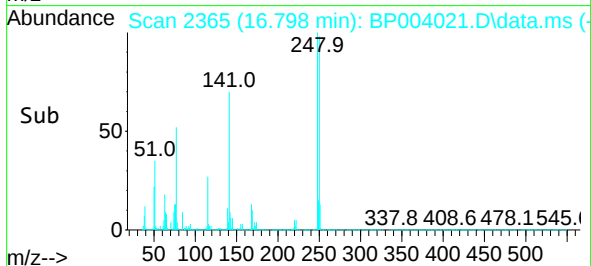
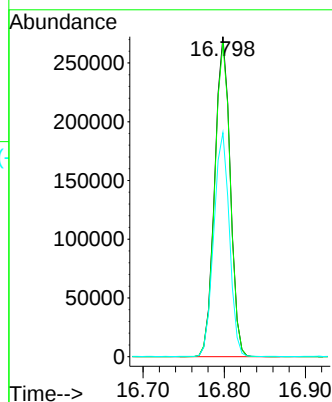
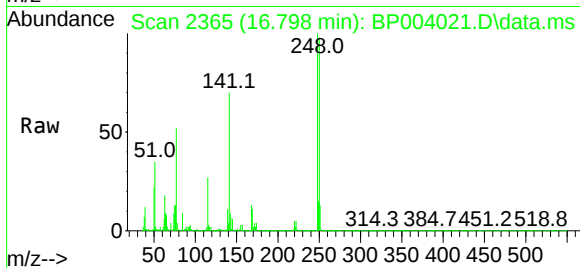




#67
4-Bromophenyl-phenylether
Concen: 51.77 ng
RT: 16.798 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

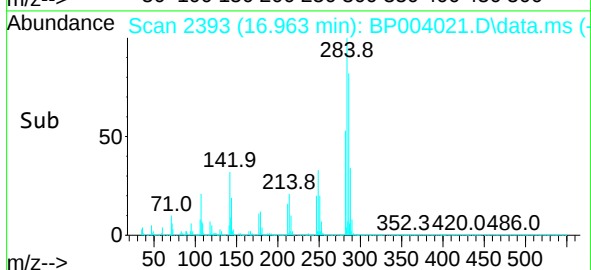
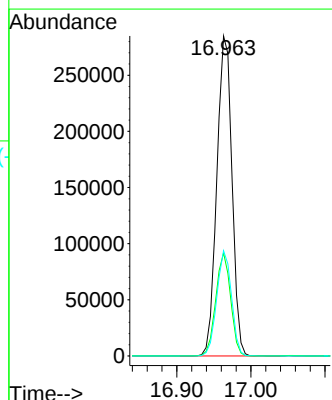
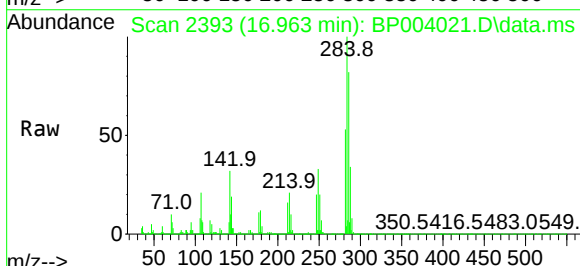
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

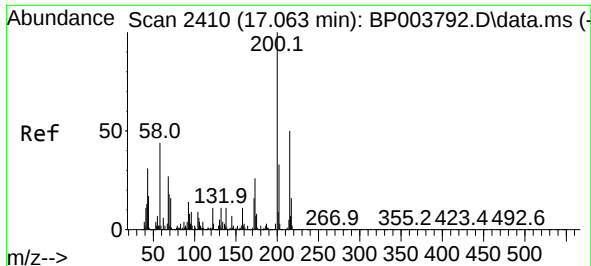
Tgt Ion:248 Resp: 361515
Ion Ratio Lower Upper
248 100
250 98.0 76.7 115.1
141 70.0 53.0 79.6



#68
Hexachlorobenzene
Concen: 50.71 ng
RT: 16.963 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:284 Resp: 404068
Ion Ratio Lower Upper
284 100
142 32.2 24.2 36.4
249 32.9 23.8 35.8

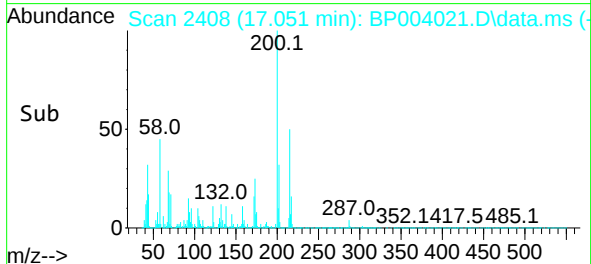
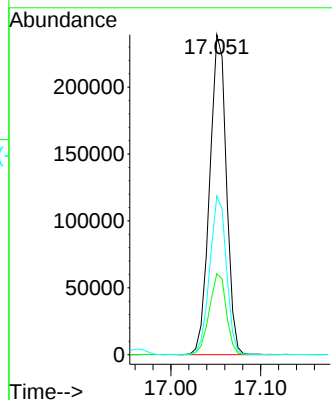
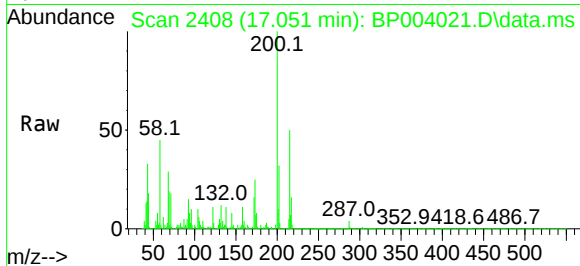




#69
Atrazine
Concen: 51.51 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

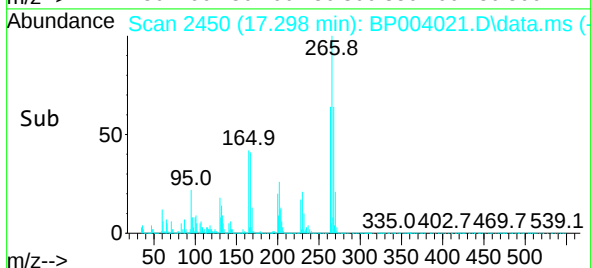
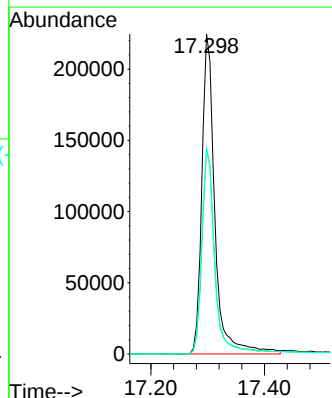
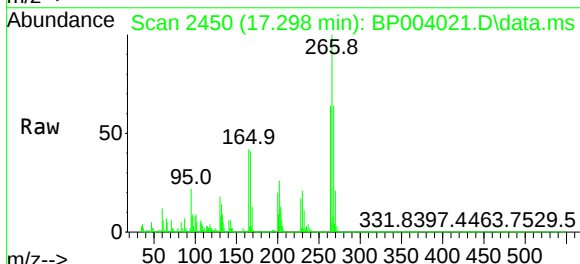
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BNA_P
ClientSampleId :
ND-SOILMS

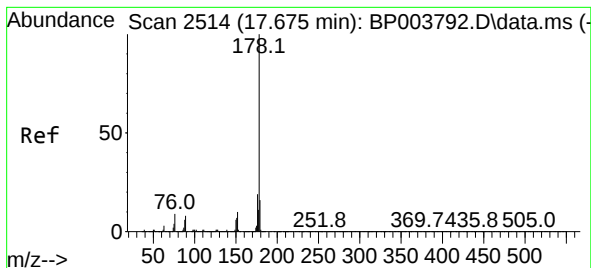
Tgt Ion:200 Resp: 308939
Ion Ratio Lower Upper
200 100
173 25.3 5.9 45.9
215 49.6 28.4 68.4



#70
Pentachlorophenol
Concen: 93.91 ng
RT: 17.298 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:266 Resp: 357942
Ion Ratio Lower Upper
266 100
268 64.2 51.1 76.7
264 64.2 50.6 76.0

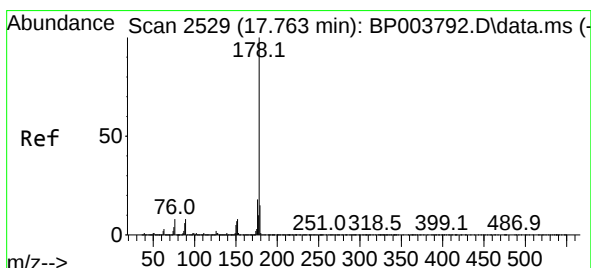
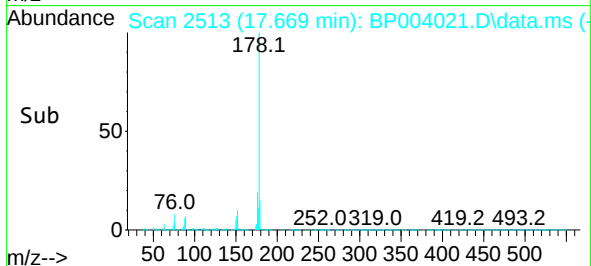
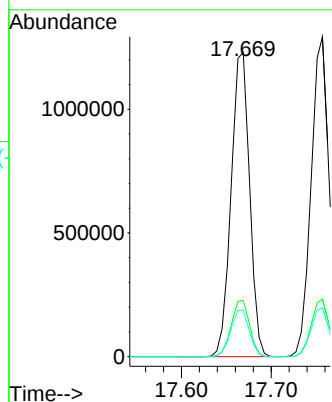
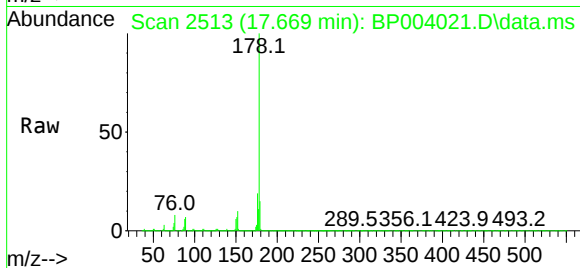




#71
Phenanthrene
Concen: 52.40 ng
RT: 17.669 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

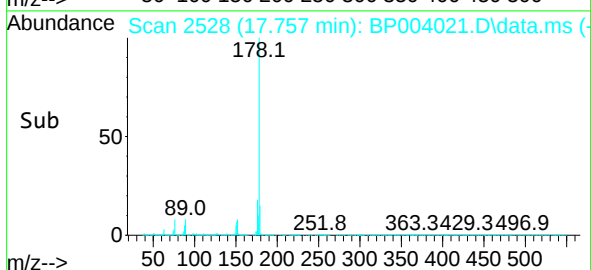
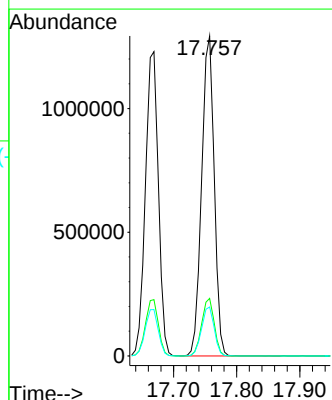
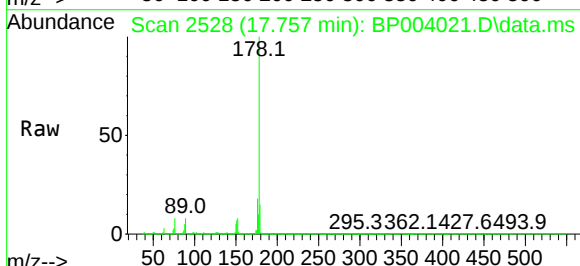
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

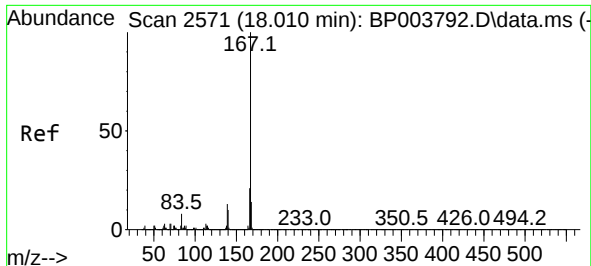
Tgt Ion:178 Resp: 1754989
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.2 12.5 18.7



#72
Anthracene
Concen: 55.28 ng
RT: 17.757 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:178 Resp: 1788216
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.3 12.5 18.7

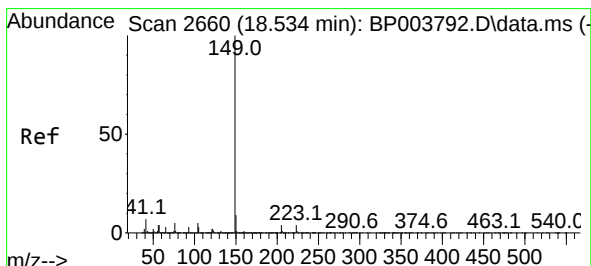
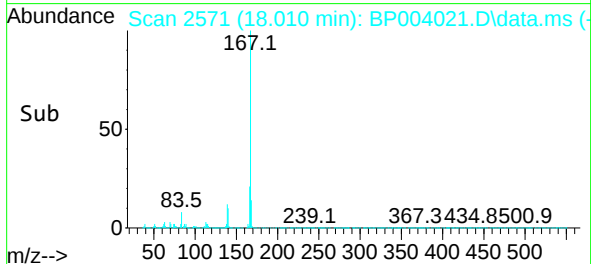
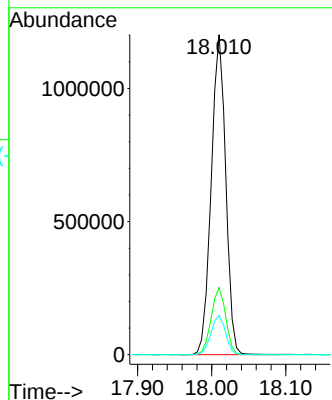
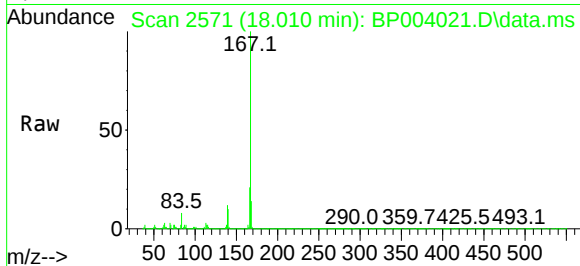




#73
 Carbazole
 Concen: 54.21 ng
 RT: 18.010 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP004021.D
 Acq: 20 Nov 2020 12:59

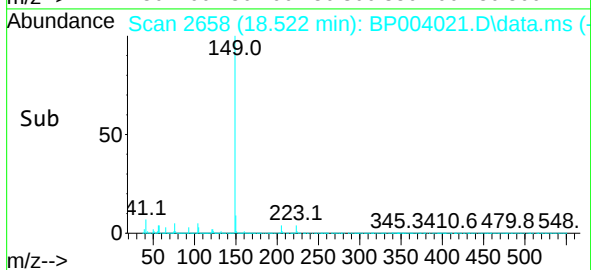
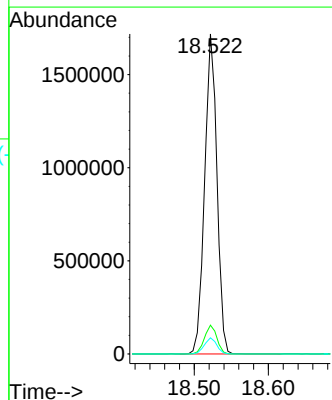
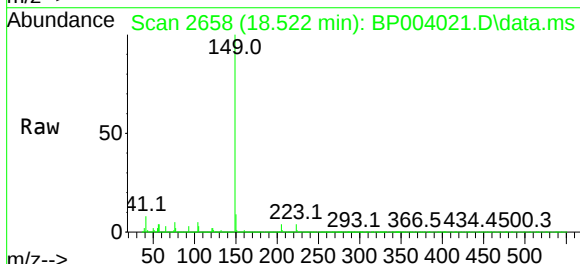
Instrument :
 BNA_P
 ClientSampleId :
 ND-SOILMS

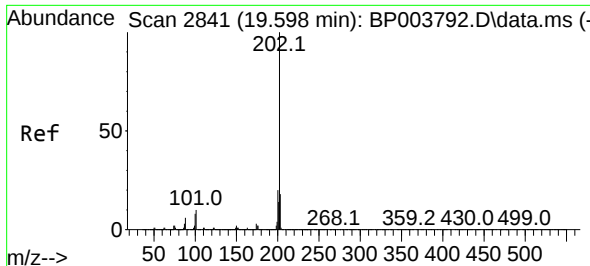
Tgt Ion:167 Resp: 1626920
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 12.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 56.80 ng
 RT: 18.522 min Scan# 2658
 Delta R.T. 0.000 min
 Lab File: BP004021.D
 Acq: 20 Nov 2020 12:59

Tgt Ion:149 Resp: 1973485
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.1 3.4 5.0#

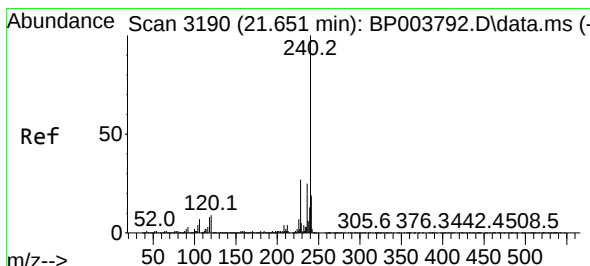
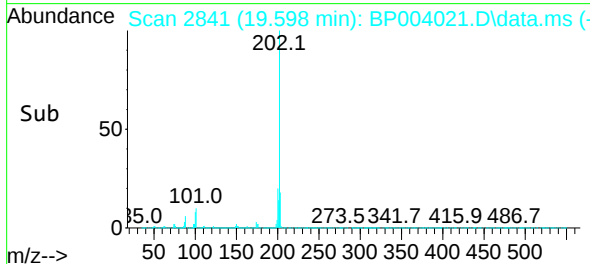
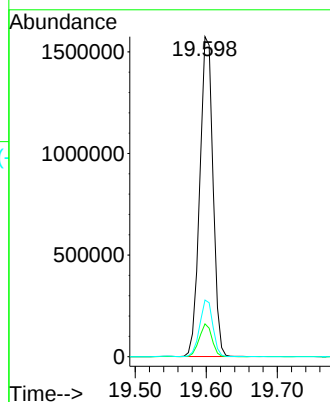
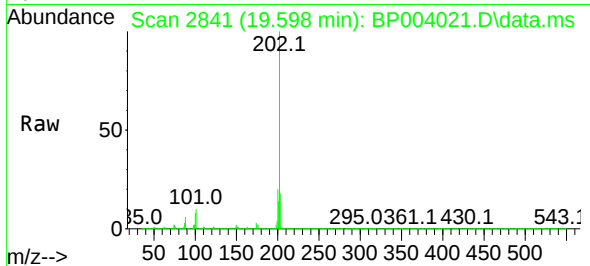




#75
Fluoranthene
Concen: 52.88 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

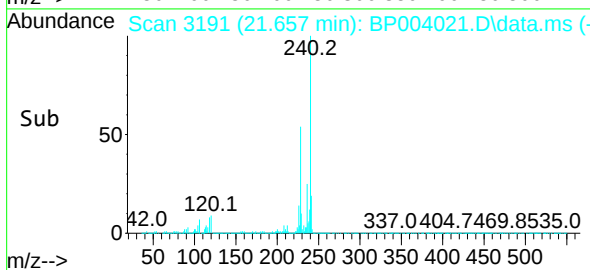
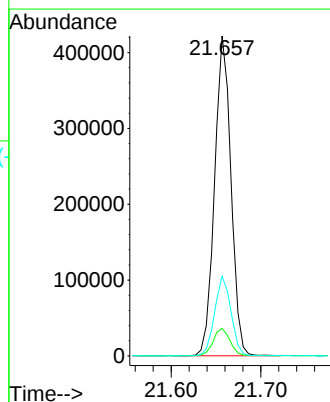
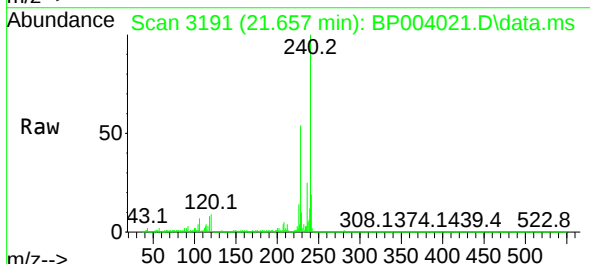
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BNA_P
ClientSampleId :
ND-SOILMS

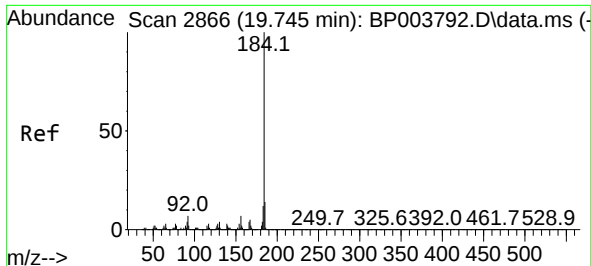
Tgt Ion:202 Resp: 2043630
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.4
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:240 Resp: 534458
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 24.9 20.8 31.2

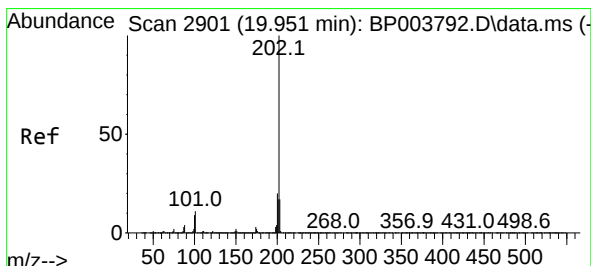
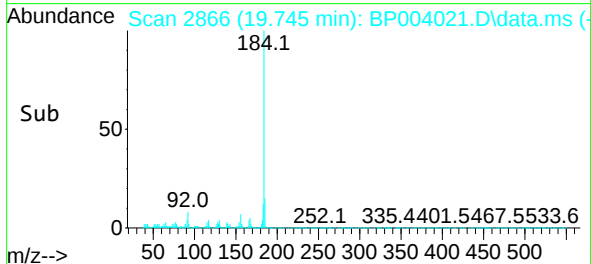
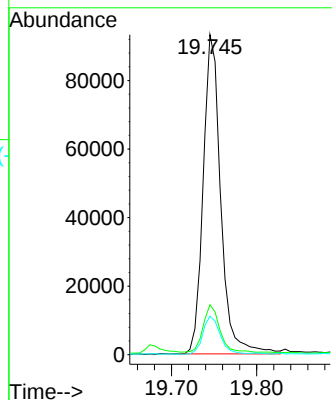
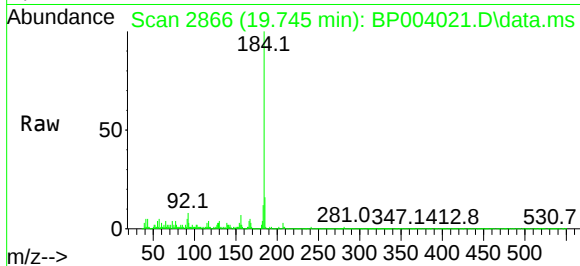




#77
Benzidine
Concen: 10.60 ng
RT: 19.745 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

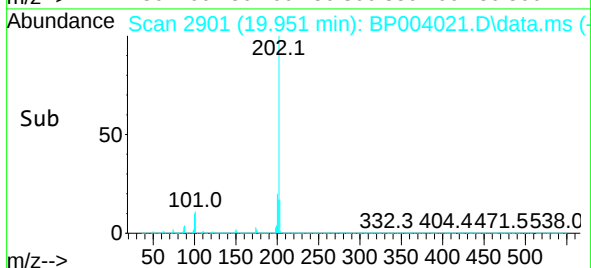
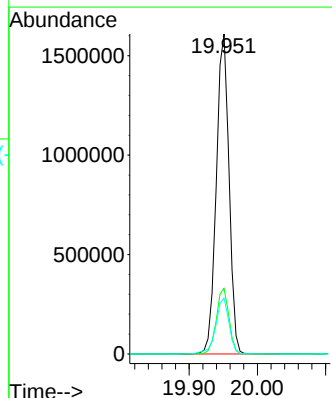
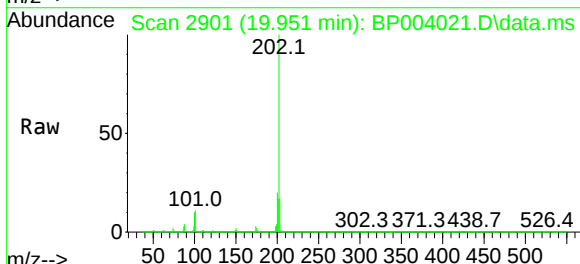
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ND-SOILMS

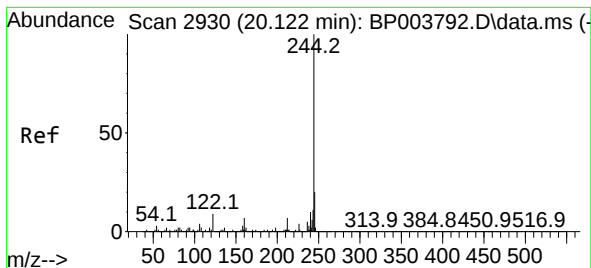
Tgt Ion:184 Resp: 133585
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 12.0 9.6 14.4



#78
Pyrene
Concen: 57.60 ng
RT: 19.951 min Scan# 2901
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:202 Resp: 2089196
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 17.5 14.2 21.2

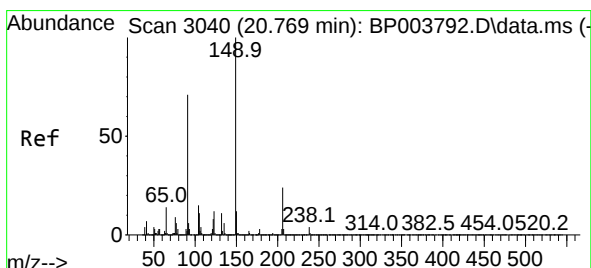
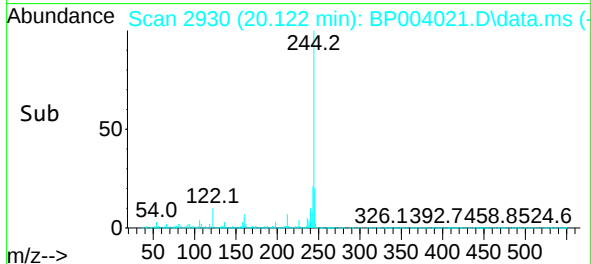
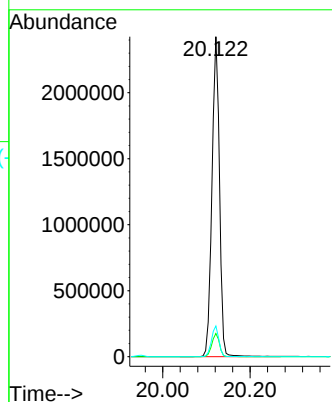
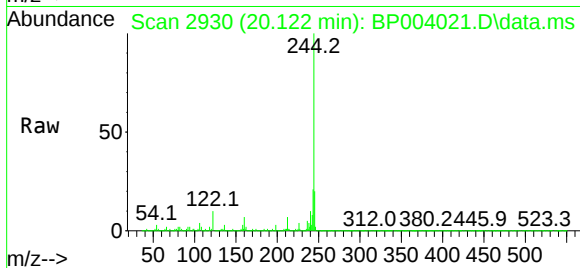




#79
 Terphenyl-d14
 Concen: 104.84 ng
 RT: 20.122 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: BP004021.D
 Acq: 20 Nov 2020 12:59

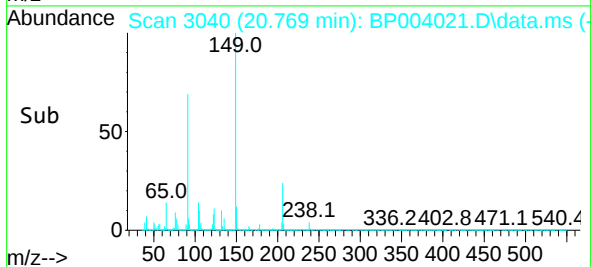
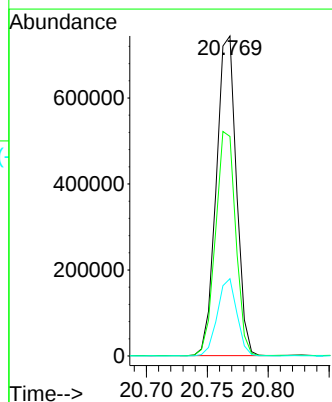
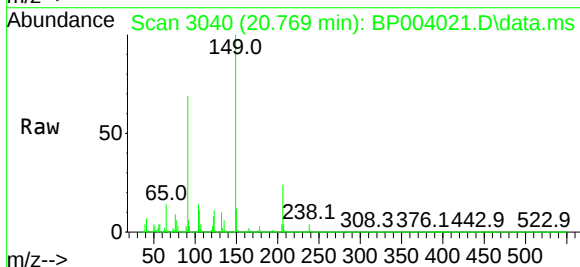
Instrument :
 BNA_P
 ClientSampleId :
 ND-SOILMS

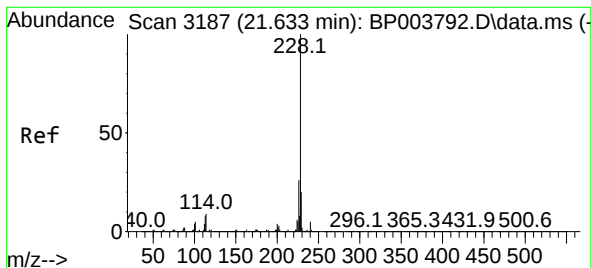
Tgt Ion:244 Resp: 2900278
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.6 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 63.31 ng
 RT: 20.769 min Scan# 3040
 Delta R.T. 0.000 min
 Lab File: BP004021.D
 Acq: 20 Nov 2020 12:59

Tgt Ion:149 Resp: 855545
 Ion Ratio Lower Upper
 149 100
 91 68.6 45.4 68.0#
 206 24.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 52.89 ng

RT: 21.639 min Scan# 3188

Delta R.T. 0.000 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

Instrument :

BNA_P

ClientSampleId :

ND-SOILMS

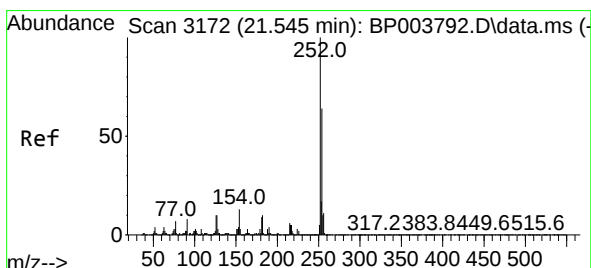
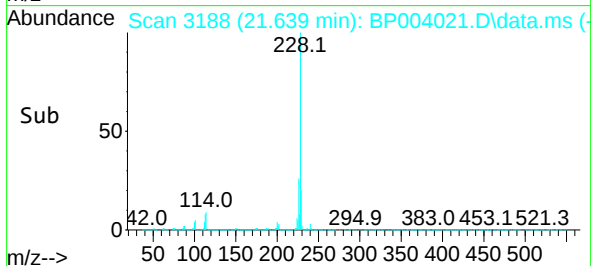
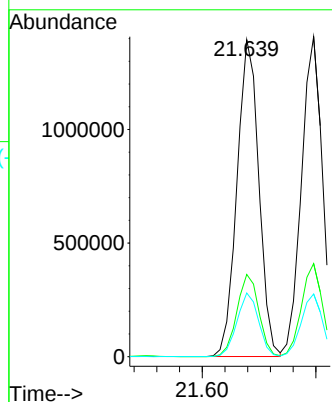
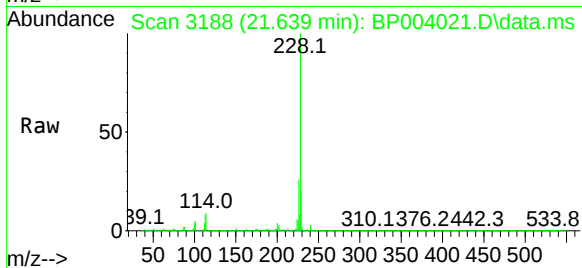
Tgt Ion:228 Resp: 1863966

Ion Ratio Lower Upper

228 100

226 25.9 22.1 33.1

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 22.10 ng

RT: 21.551 min Scan# 3173

Delta R.T. 0.000 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

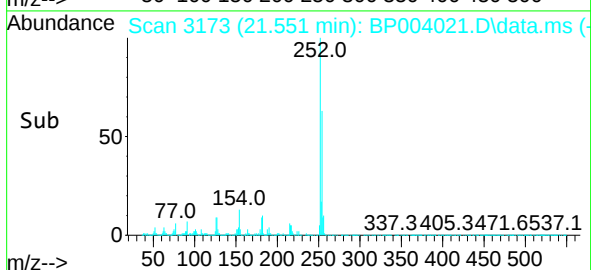
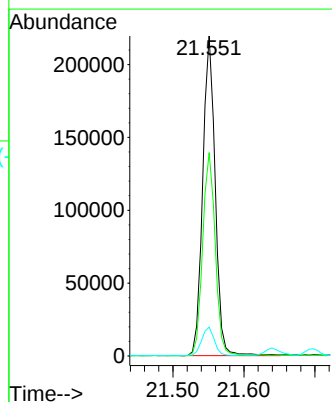
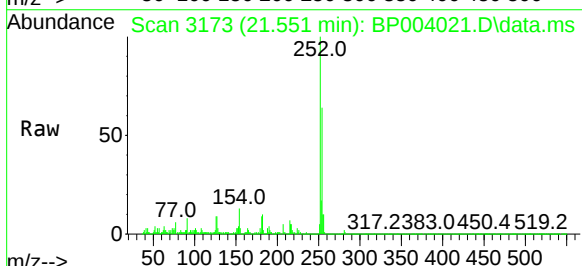
Tgt Ion:252 Resp: 268696

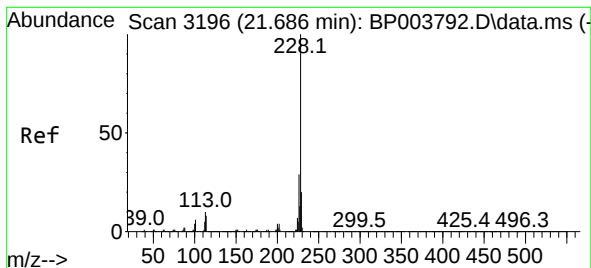
Ion Ratio Lower Upper

252 100

254 63.5 51.0 76.4

126 9.0 7.9 11.9





#83

Chrysene

Concen: 53.29 ng

RT: 21.698 min Scan# 3198

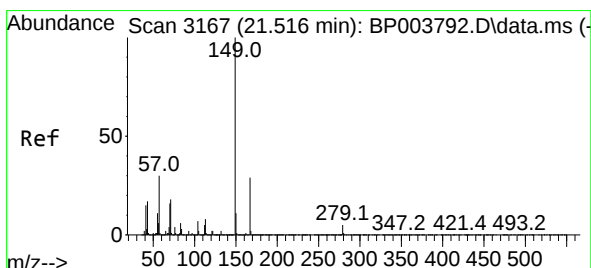
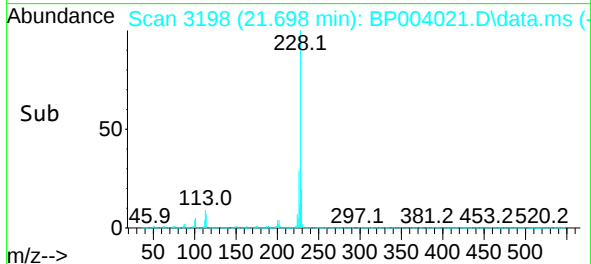
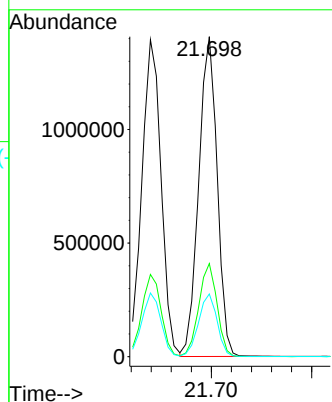
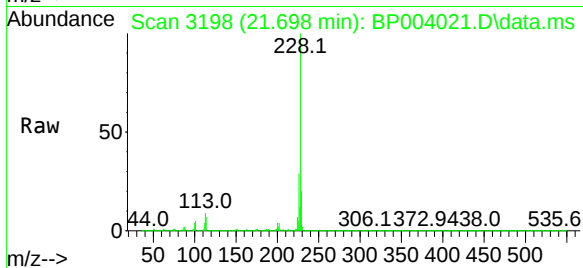
Delta R.T. 0.000 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

Tgt Ion:228 Resp: 1804772

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.4	36.6
229	19.6	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.85 ng

RT: 21.516 min Scan# 3167

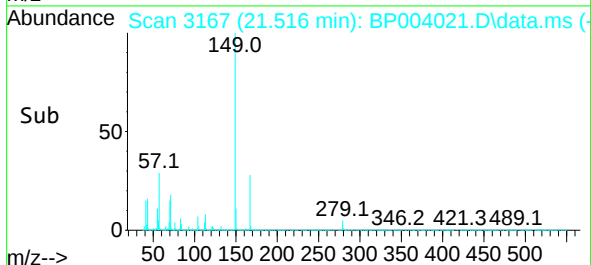
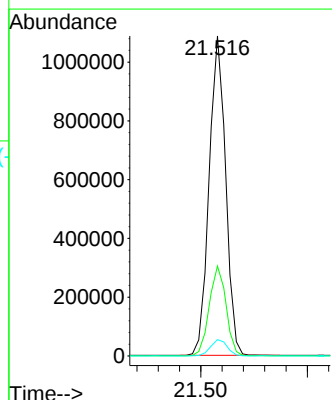
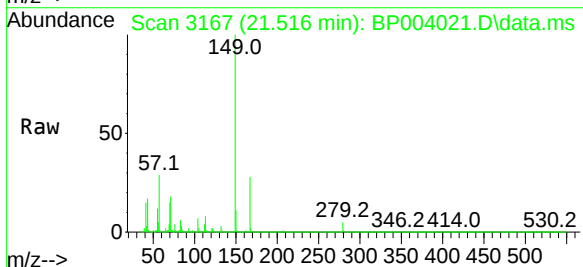
Delta R.T. 0.000 min

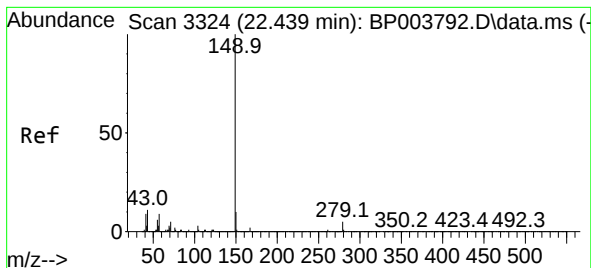
Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

Tgt Ion:149 Resp: 1172409

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	5.1	4.2	6.2

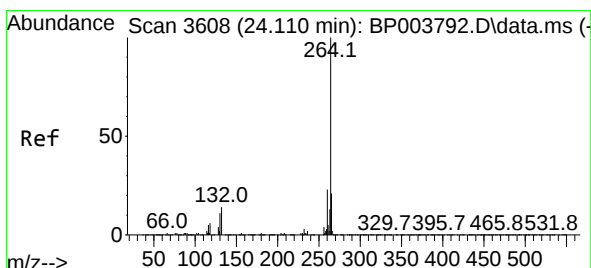
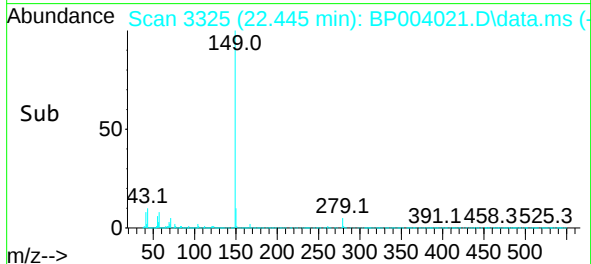
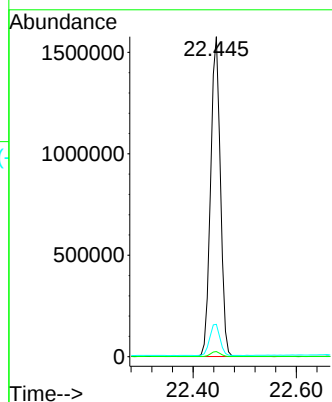
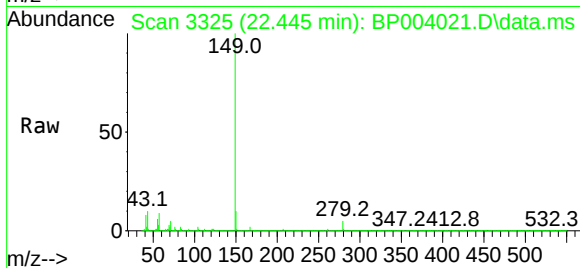




#85
Di-n-octyl phthalate
Concen: 62.35 ng
RT: 22.445 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

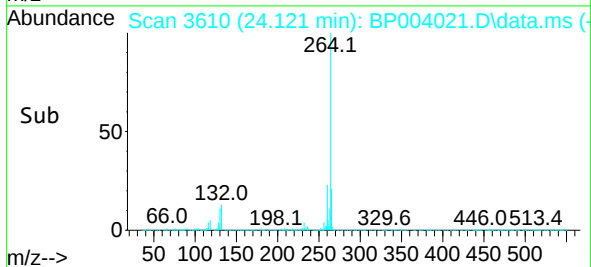
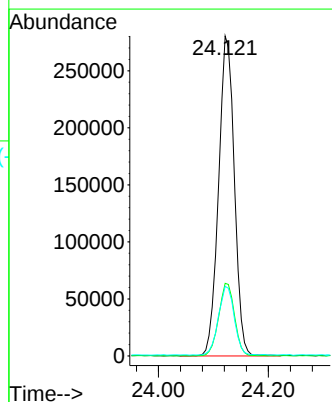
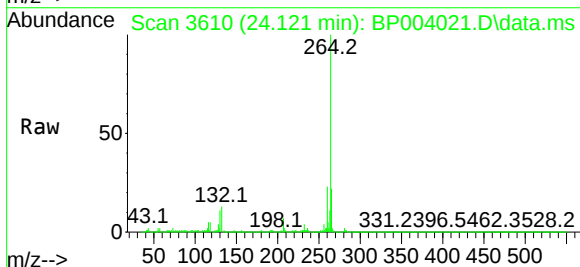
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

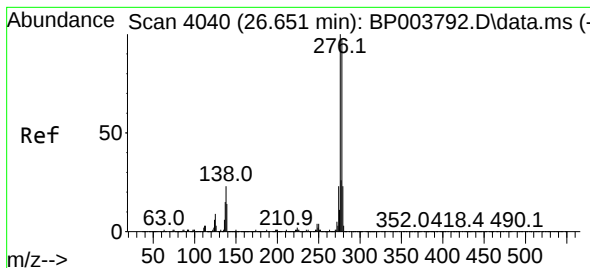
Tgt Ion:149 Resp: 2069314
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. -0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:264 Resp: 559654
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.66 ng

RT: 26.686 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

Instrument :

BNA_P

ClientSampleId :

ND-SOILMS

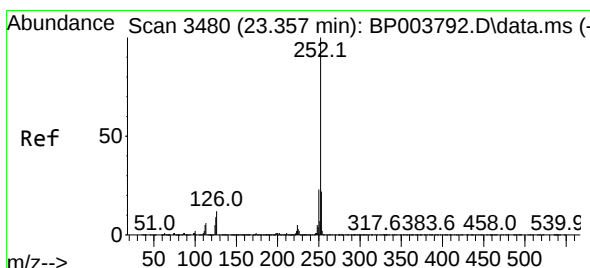
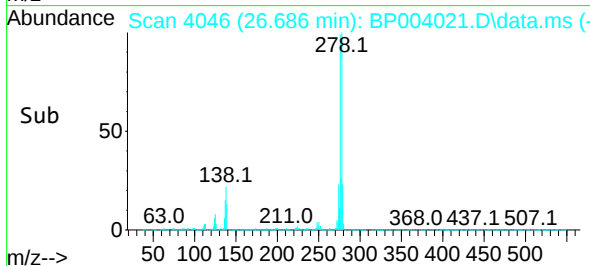
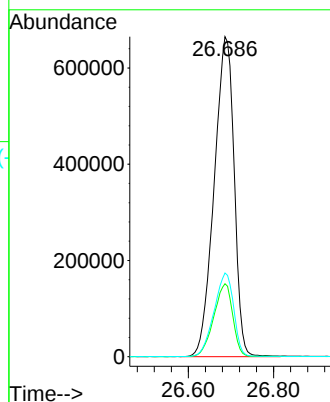
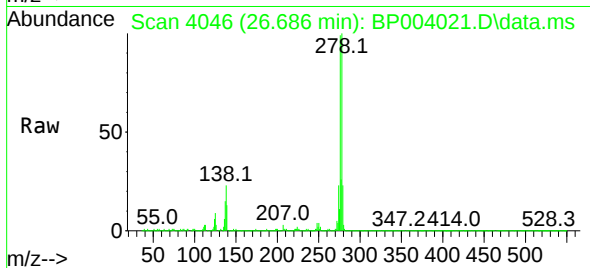
Tgt Ion:276 Resp: 2166396

Ion Ratio Lower Upper

276 100

138 21.6 18.7 28.1

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.85 ng

RT: 23.380 min Scan# 3484

Delta R.T. 0.006 min

Lab File: BP004021.D

Acq: 20 Nov 2020 12:59

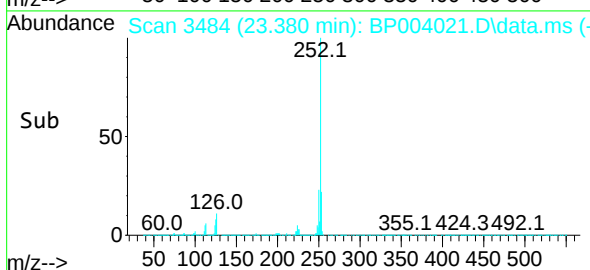
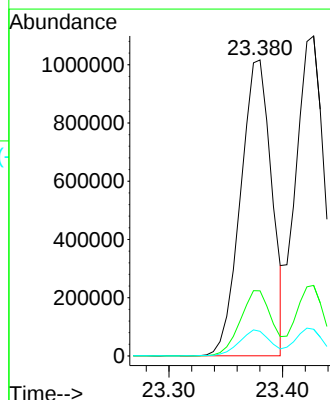
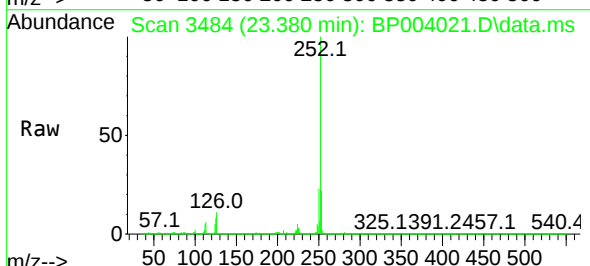
Tgt Ion:252 Resp: 1935723

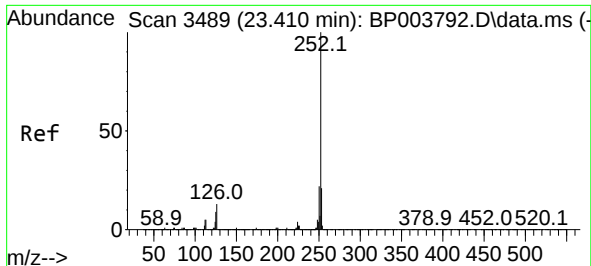
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.3 7.3 10.9

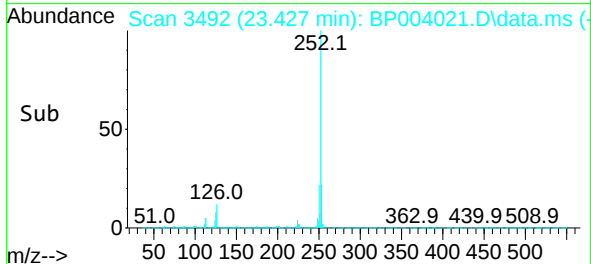
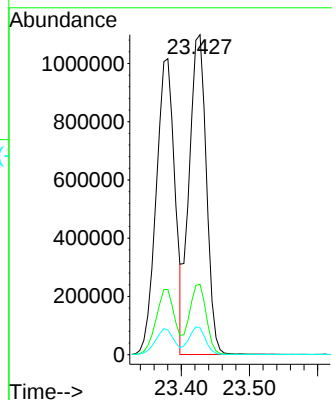
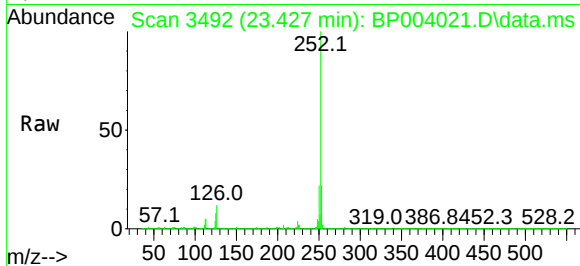




#89
Benzo(k)fluoranthene
Concen: 52.88 ng
RT: 23.427 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

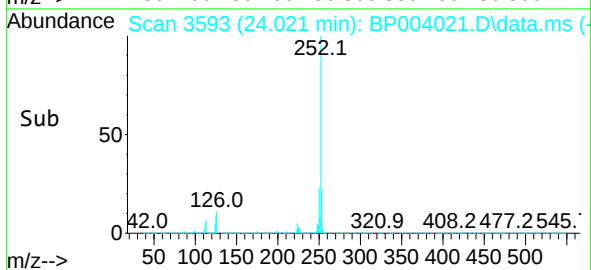
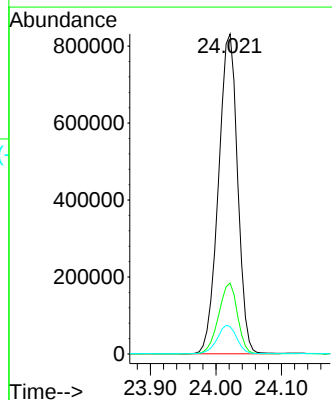
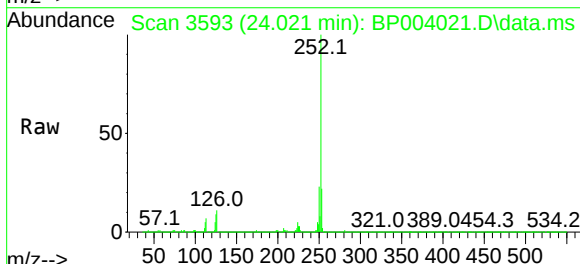
Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

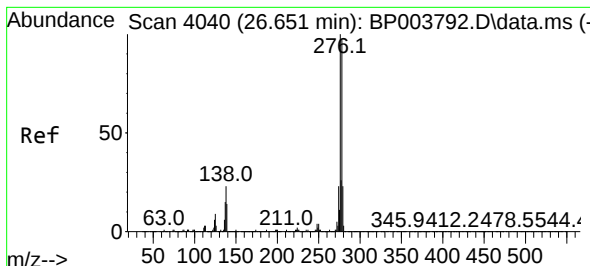
Tgt Ion:252 Resp: 1912096
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.53 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:252 Resp: 1679120
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.6 8.2 12.4

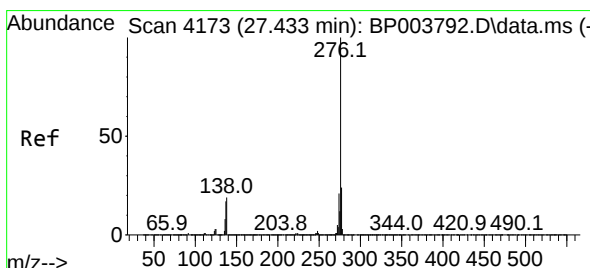
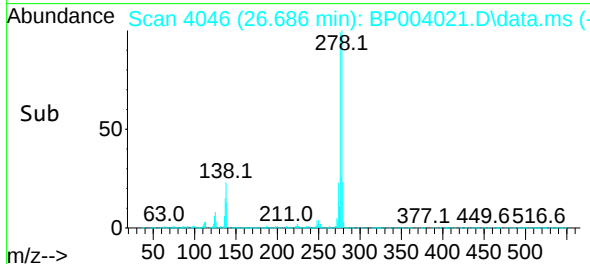
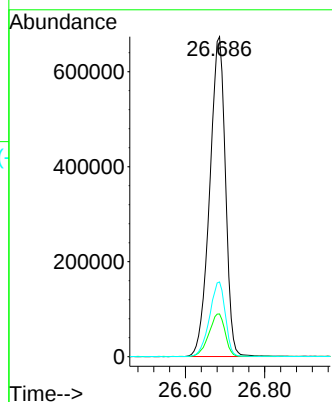
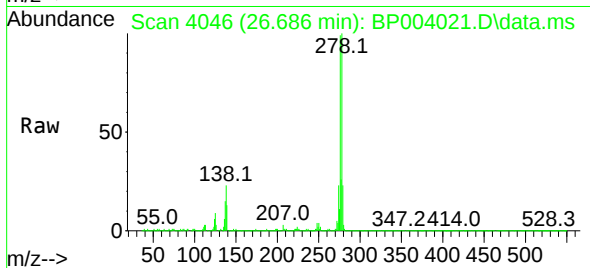




#91
Dibenzo(a,h)anthracene
Concen: 55.07 ng
RT: 26.686 min Scan# 4046
Delta R.T. 0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Instrument :
BNA_P
ClientSampleId :
ND-SOILMS

Tgt Ion:278 Resp: 1853209
Ion Ratio Lower Upper
278 100
139 13.4 12.4 18.6
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 55.76 ng
RT: 27.474 min Scan# 4180
Delta R.T. 0.006 min
Lab File: BP004021.D
Acq: 20 Nov 2020 12:59

Tgt Ion:276 Resp: 1816263
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 18.6 16.6 24.8

