

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004022.D
 Acq On : 20 Nov 2020 13:33
 Operator : CG/JU
 Sample : L4776-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ND-SOILMSD

Quant Time: Nov 20 14:03:39 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	124247	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	453652	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	294619	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	595678	20.00	ng	0.00
76) Chrysene-d12	21.657	240	564420	20.00	ng	0.00
86) Perylene-d12	24.127	264	590548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	991160	133.14	ng	0.00
7) Phenol-d6	7.452	99	1184058	110.80	ng	0.00
23) Nitrobenzene-d5	9.434	82	893455	96.46	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	554983	150.61	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1863937	88.45	ng	0.00
79) Terphenyl-d14	20.122	244	2873658	98.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	123661	38.50	ng	# 1
3) Pyridine	3.940	79	189319	20.10	ng	# 61
4) n-Nitrosodimethylamine	3.828	42	203717	46.97	ng	# 52
6) Aniline	7.575	93	234994	19.37	ng	# 86
8) 2-Chlorophenol	7.840	128	416598	52.71	ng	# 81
9) Benzaldehyde	7.375	77	58238	8.95	ng	# 79
10) Phenol	7.475	94	459137	44.52	ng	81
11) bis(2-Chloroethyl)ether	7.657	93	415785	50.17	ng	# 81
12) 1,3-Dichlorobenzene	8.163	146	467109	48.22	ng	# 94
13) 1,4-Dichlorobenzene	8.305	146	471496	48.28	ng	96
14) 1,2-Dichlorobenzene	8.634	146	452189	48.48	ng	97
15) Benzyl Alcohol	8.510	79	399400	53.96	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.799	45	632732	45.33	ng	83
17) 2-Methylphenol	8.740	107	347536	51.33	ng	# 94
18) Hexachloroethane	9.381	117	171054	49.29	ng	99
19) n-Nitroso-di-n-propyla...	9.075	70	330528	51.75	ng	# 76
20) 3+4-Methylphenols	9.069	107	460327	50.93	ng	# 86
22) Acetophenone	9.087	105	640746	52.62	ng	# 84
24) Nitrobenzene	9.475	77	492374	53.49	ng	# 81
25) Isophorone	9.999	82	900265	57.22	ng	# 89
26) 2-Nitrophenol	10.199	139	230905	64.24	ng	# 72
27) 2,4-Dimethylphenol	10.275	122	383338	63.94	ng	91
28) bis(2-Chloroethoxy)met...	10.469	93	538493	49.88	ng	98
29) 2,4-Dichlorophenol	10.763	162	407643	56.42	ng	96
30) 1,2,4-Trichlorobenzene	10.969	180	426818	48.49	ng	99
31) Naphthalene	11.151	128	1230456	50.54	ng	100
32) Benzoic acid	10.457	122	149296	37.64	ng	# 80
33) 4-Chloroaniline	11.246	127	81371	7.87	ng	# 89
34) Hexachlorobutadiene	11.457	225	270328	47.09	ng	99
35) Caprolactam	11.987	113	96085	43.01	ng	# 17
36) 4-Chloro-3-methylphenol	12.387	107	432876	55.50	ng	90
37) 2-Methylnaphthalene	12.734	142	904418	51.92	ng	96
38) 1-Methylnaphthalene	12.951	142	846331	50.93	ng	98
40) 1,2,4,5-Tetrachloroben...	13.116	216	484129	49.65	ng	99
41) Hexachlorocyclopentadiene	13.104	237	424494	86.29	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	324467	53.83	ng	100

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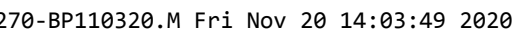
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Quant Time: Nov 20 14:03:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 12:19:10 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	345255	54.40	ng	96
46) 1,1'-Biphenyl	13.722	154	1109350	48.51	ng	98
47) 2-Chloronaphthalene	13.775	162	873897	46.57	ng	100
48) 2-Nitroaniline	13.957	65	299487	53.49	ng #	61
49) Acenaphthylene	14.616	152	1352527	49.08	ng	100
50) Dimethylphthalate	14.322	163	1234988	53.63	ng	99
51) 2,6-Dinitrotoluene	14.440	165	253638	53.68	ng #	78
52) Acenaphthene	14.957	154	979887	53.38	ng	97
53) 3-Nitroaniline	14.769	138	97905	18.72	ng #	71
54) 2,4-Dinitrophenol	14.987	184	196585	75.90	ng #	83
55) Dibenzofuran	15.287	168	1380795	50.63	ng	100
56) 4-Nitrophenol	15.122	139	348923	92.56	ng #	66
57) 2,4-Dinitrotoluene	15.234	165	361142	56.92	ng #	78
58) Fluorene	15.934	166	1108660	50.77	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	305208	53.35	ng	94
60) Diethylphthalate	15.675	149	1169026	51.84	ng	99
61) 4-Chlorophenyl-phenyle...	15.910	204	590288	49.46	ng	97
62) 4-Nitroaniline	15.934	138	241212	44.24	ng	85
63) Azobenzene	16.198	77	1078299	50.65	ng	84
65) 4,6-Dinitro-2-methylph...	16.010	198	170035	52.35	ng	82
66) n-Nitrosodiphenylamine	16.122	169	989602	54.27	ng	99
67) 4-Bromophenyl-phenylether	16.798	248	361434	51.86	ng	97
68) Hexachlorobenzene	16.963	284	403132	50.69	ng	97
69) Atrazine	17.051	200	307107	51.30	ng	99
70) Pentachlorophenol	17.298	266	361817	95.11	ng	98
71) Phenanthrene	17.663	178	1682492	50.33	ng	99
72) Anthracene	17.757	178	1724854	53.42	ng	98
73) Carbazole	18.010	167	1563363	52.19	ng	98
74) Di-n-butylphthalate	18.522	149	1931501	55.70	ng	99
75) Fluoranthene	19.598	202	1985538	51.47	ng	99
77) Benzidine	19.745	184	252065	18.93	ng	100
78) Pyrene	19.951	202	2032429	53.06	ng	98
80) Butylbenzylphthalate	20.763	149	869498	60.92	ng #	84
81) Benzo(a)anthracene	21.639	228	1904915	51.18	ng	98
82) 3,3'-Dichlorobenzidine	21.551	252	283071	22.05	ng	98
83) Chrysene	21.698	228	1809012	50.58	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1157817	55.04	ng	100
85) Di-n-octyl phthalate	22.445	149	2128865	60.74	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	2130327	50.01	ng	97
88) Benzo(b)fluoranthene	23.380	252	1913917	49.52	ng	99
89) Benzo(k)fluoranthene	23.427	252	1934231	50.69	ng	98
90) Benzo(a)pyrene	24.021	252	1709260	47.78	ng	99
91) Dibenzo(a,h)anthracene	26.680	278	1816942	51.17	ng	97
92) Benzo(g,h,i)perylene	27.480	276	1805907	52.54	ng	97

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

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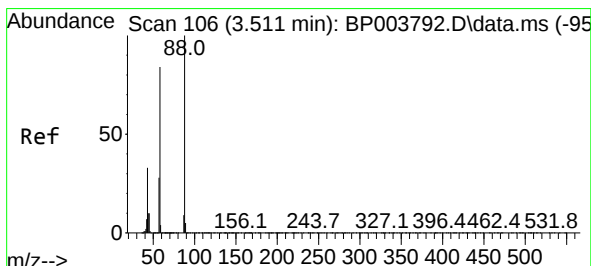
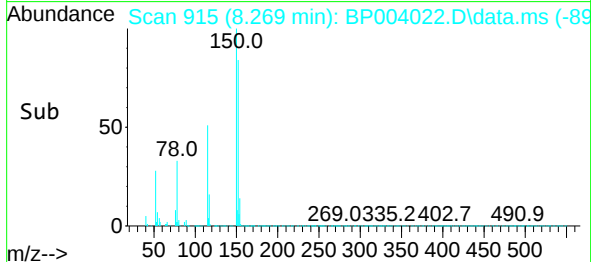
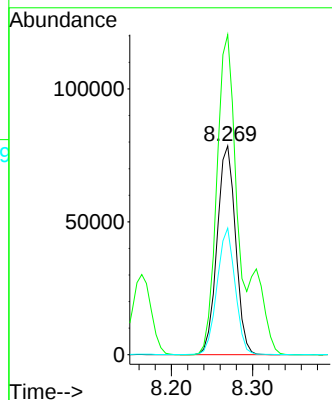
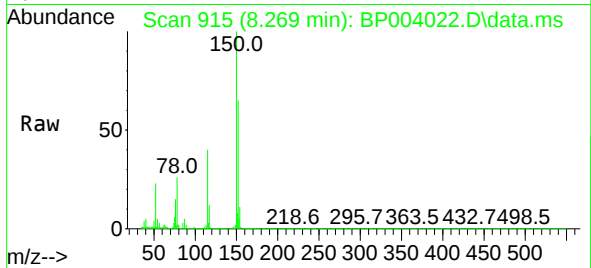




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

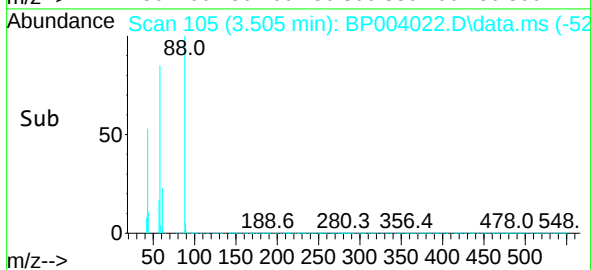
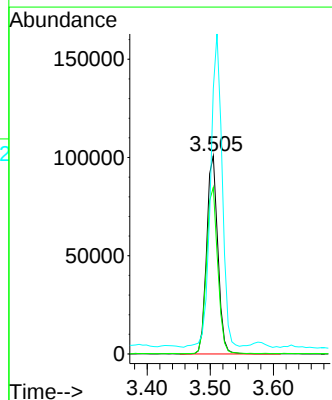
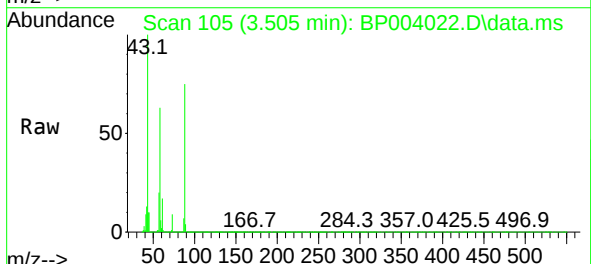
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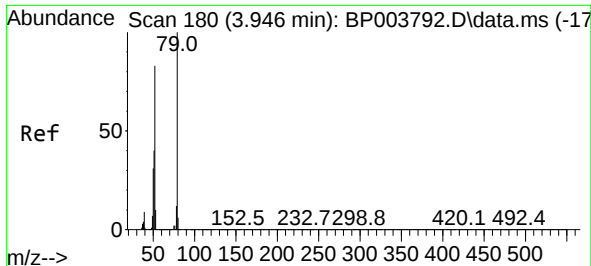
Tgt Ion:152 Resp: 124247
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 60.6 43.8 65.6



#2
1,4-Dioxane
Concen: 38.50 ng
RT: 3.505 min Scan# 105
Delta R.T. 0.012 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 88 Resp: 123661
Ion Ratio Lower Upper
88 100
58 85.0 44.2 66.4#
43 162.8 15.2 22.8#

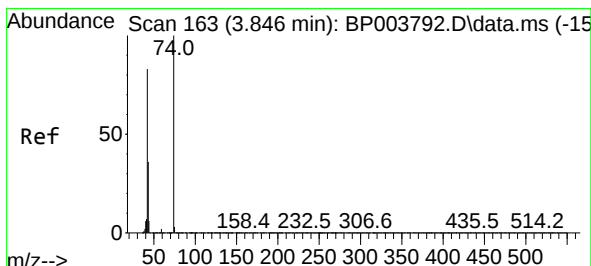
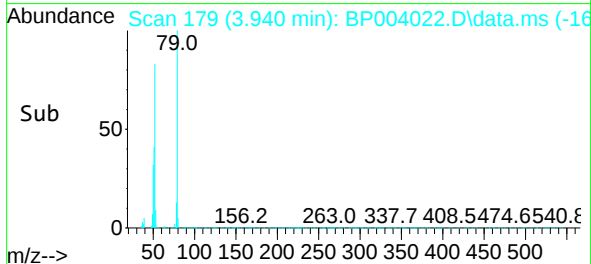
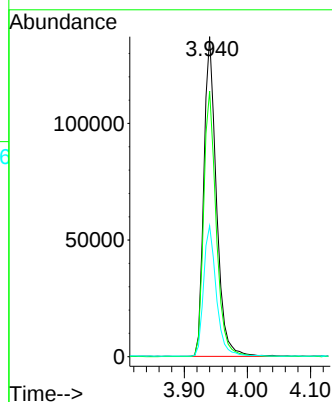
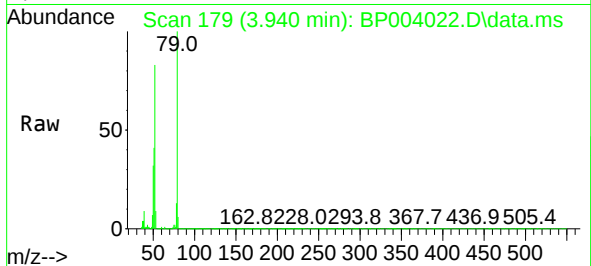




#3
Pyridine
Concen: 20.10 ng
RT: 3.940 min Scan# 179
Delta R.T. 0.012 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

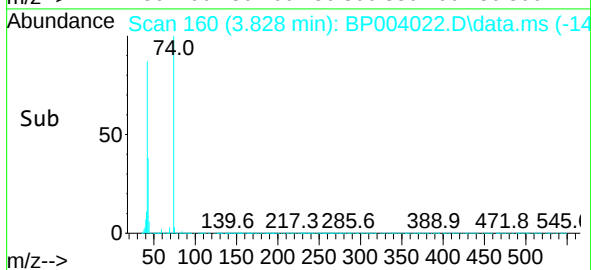
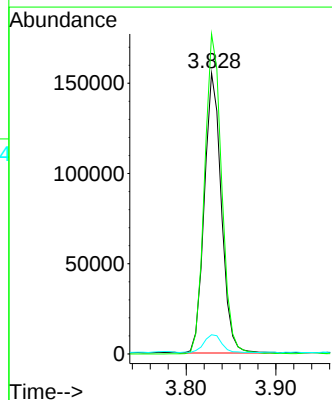
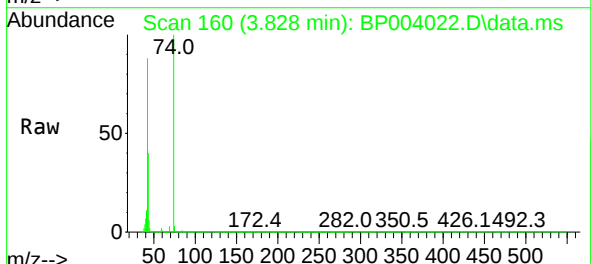
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BNA_P
ClientSampleId :
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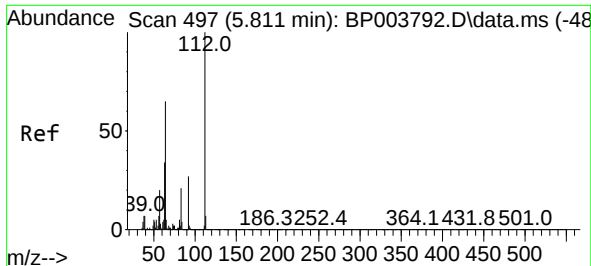
Tgt Ion: 79 Resp: 189319
Ion Ratio Lower Upper
79 100
52 83.0 41.3 61.9#
51 40.9 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 46.97 ng
RT: 3.828 min Scan# 160
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 42 Resp: 203717
Ion Ratio Lower Upper
42 100
74 113.9 148.6 223.0#
44 6.9 5.3 7.9

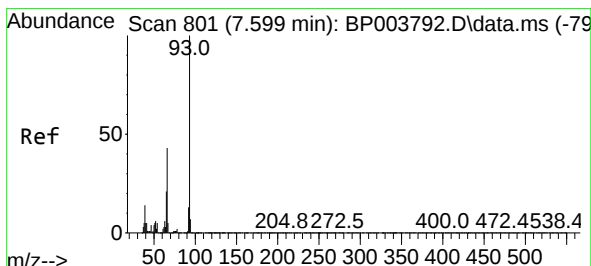
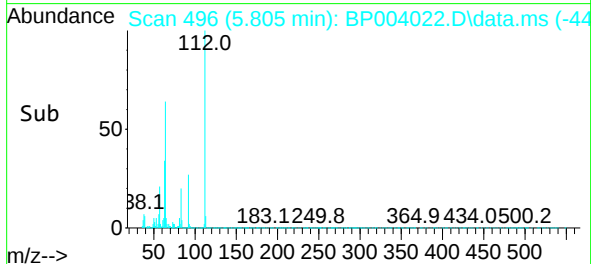
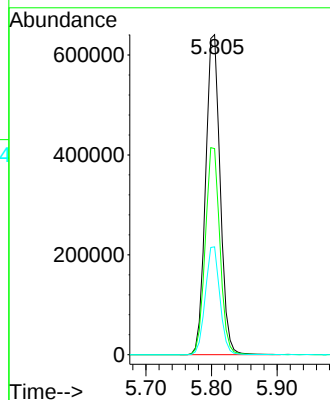
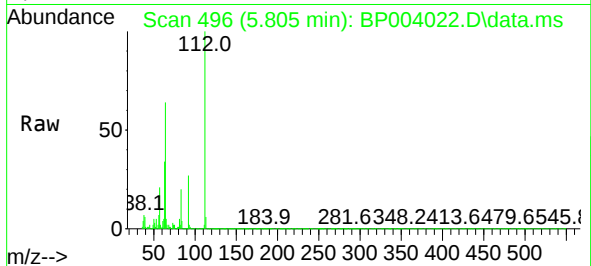




#5
2-Fluorophenol
Concen: 133.14 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

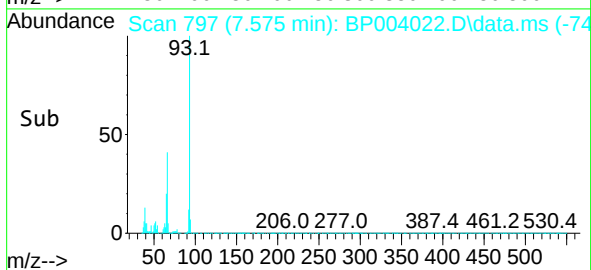
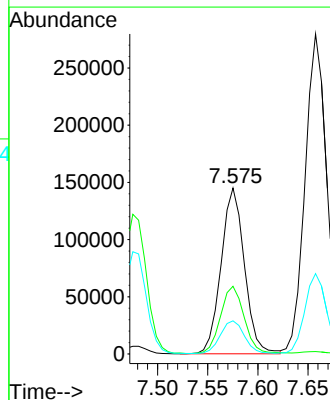
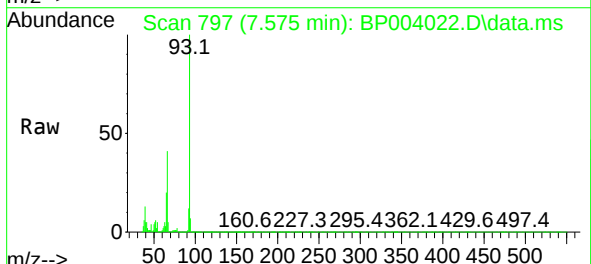
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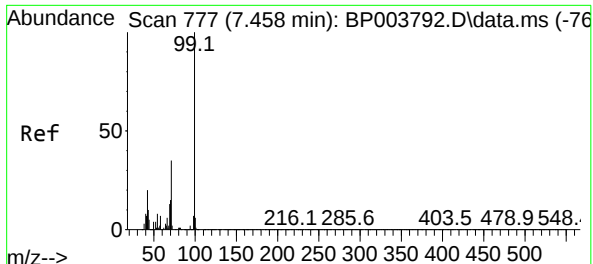
Tgt Ion:112 Resp: 991160
Ion Ratio Lower Upper
112 100
64 64.4 32.8 49.2#
63 33.7 17.0 25.4#



#6
Aniline
Concen: 19.37 ng
RT: 7.575 min Scan# 797
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 93 Resp: 234994
Ion Ratio Lower Upper
93 100
66 40.8 25.4 38.0#
65 20.0 12.5 18.7#

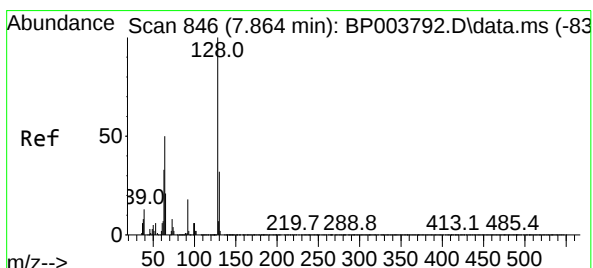
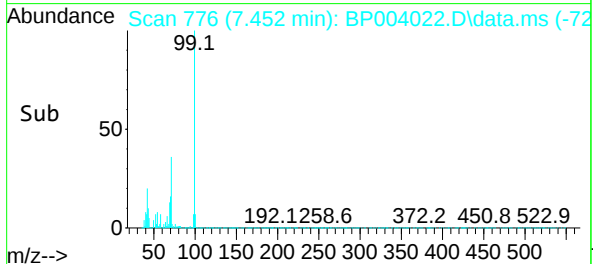
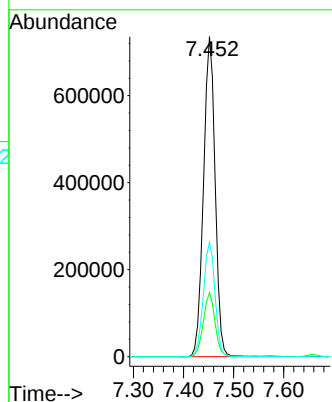
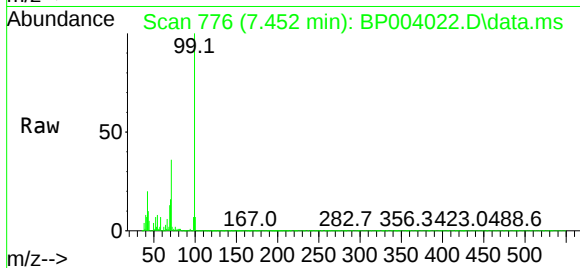




#7
Phenol-d6
Concen: 110.80 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

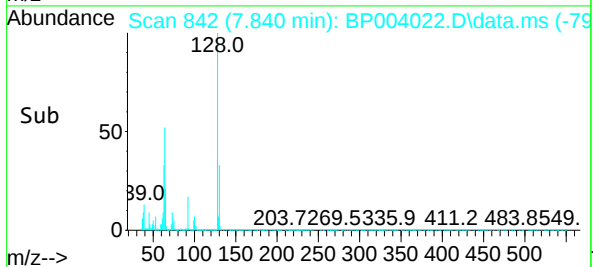
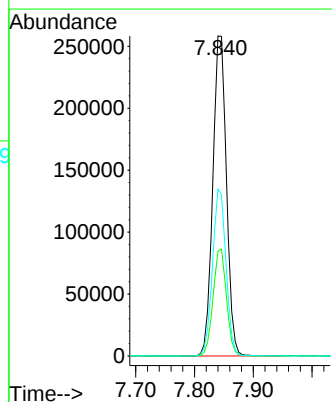
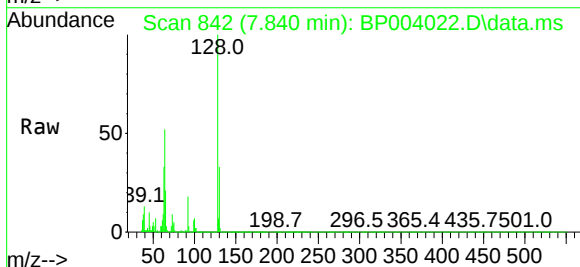
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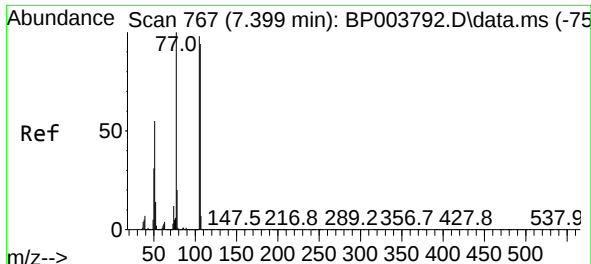
Tgt Ion: 99 Resp: 1184058
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 35.8 23.4 35.2#



#8
2-Chlorophenol
Concen: 52.71 ng
RT: 7.840 min Scan# 842
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 128 Resp: 416598
Ion Ratio Lower Upper
128 100
130 32.7 13.0 53.0
64 52.1 10.4 50.4#

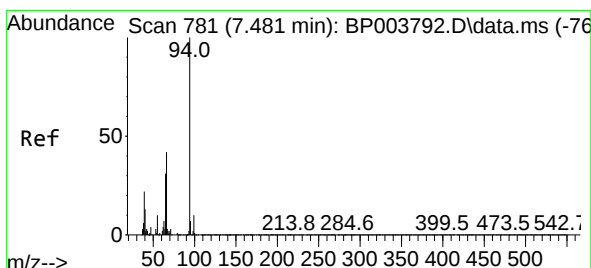
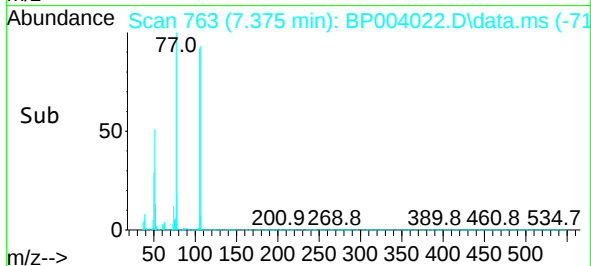
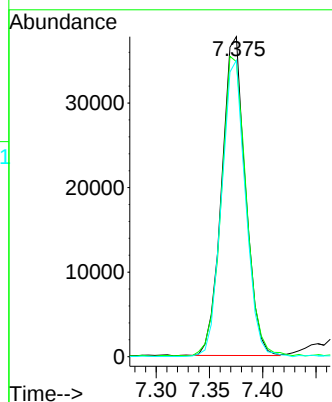
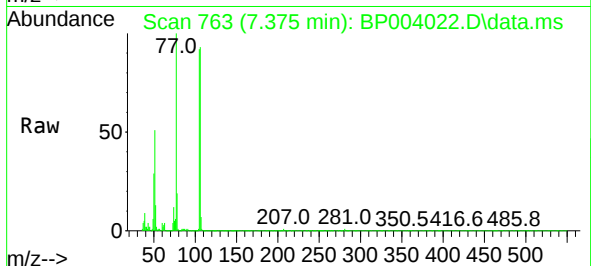




#9
Benzaldehyde
Concen: 8.95 ng
RT: 7.375 min Scan# 763
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

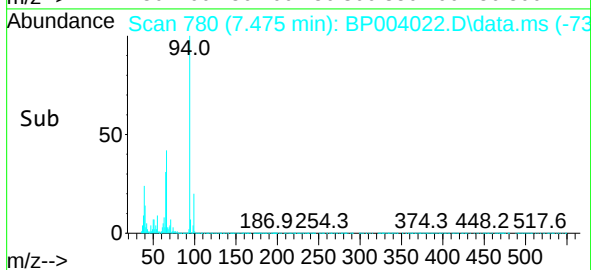
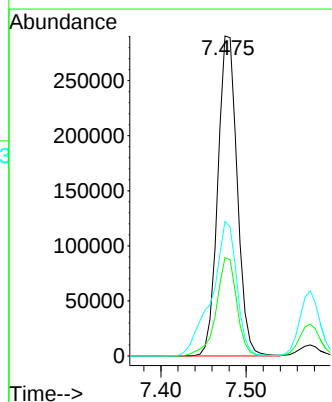
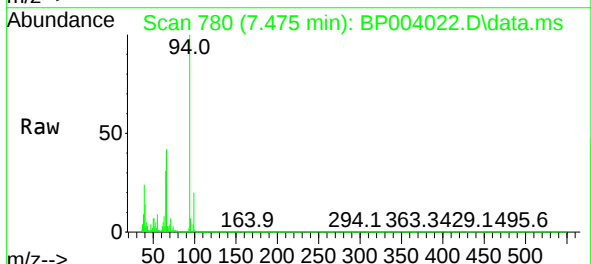
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ClientSampleId :
ND-SOILMSD

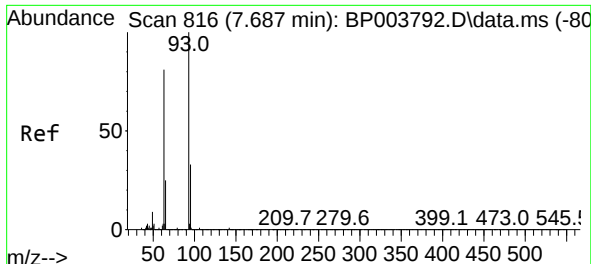
Tgt Ion: 77 Resp: 58238
Ion Ratio Lower Upper
77 100
105 92.2 97.1 137.1#
106 92.6 93.7 133.7#



#10
Phenol
Concen: 44.52 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 94 Resp: 459137
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 42.0 10.9 50.9

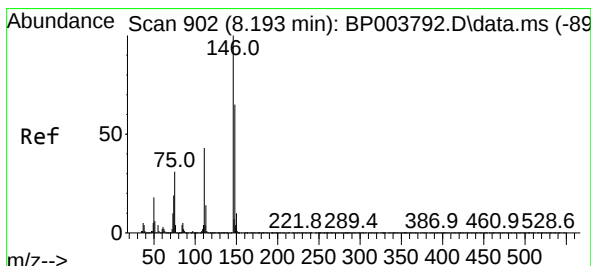
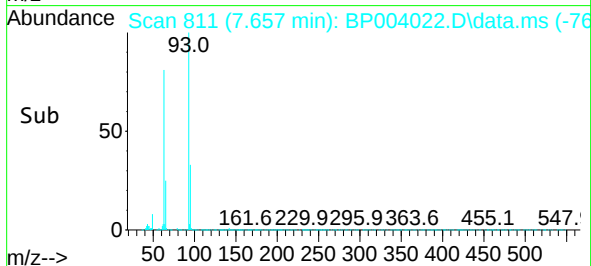
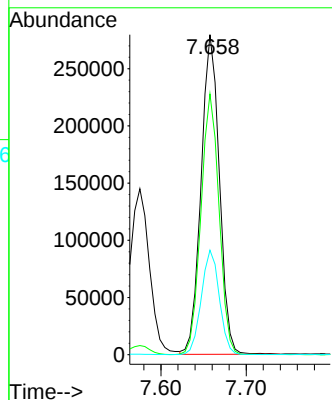
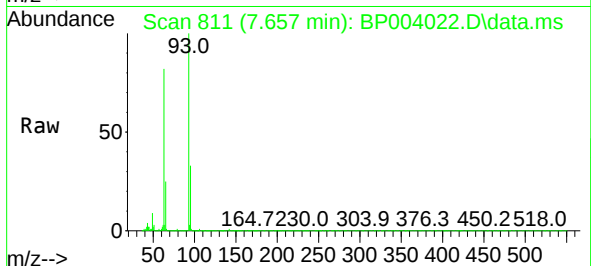




#11
bis(2-Chloroethyl)ether
Concen: 50.17 ng
RT: 7.657 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

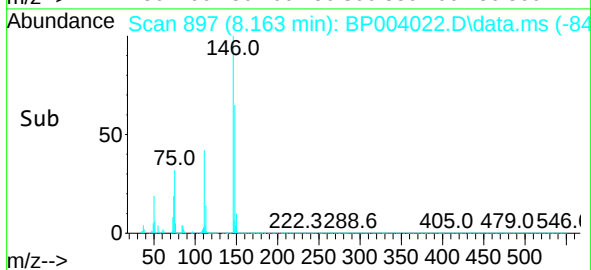
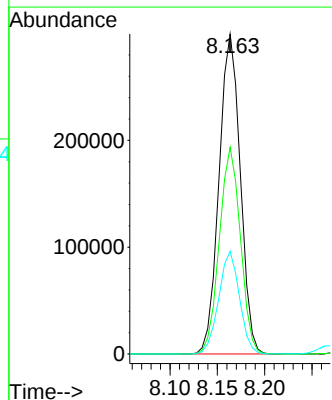
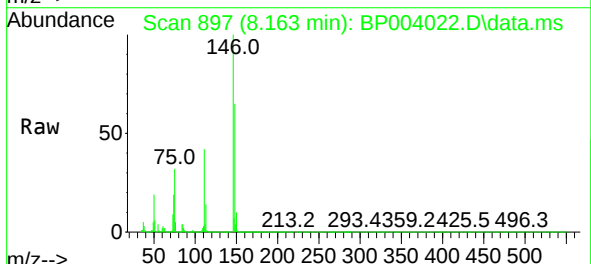
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

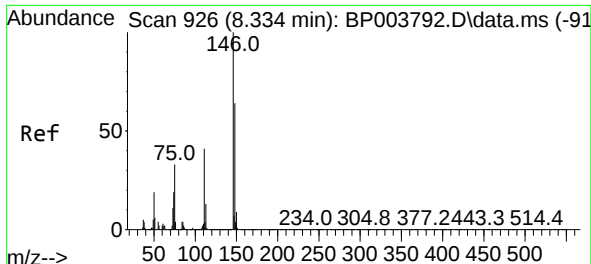
Tgt Ion: 93 Resp: 415785
Ion Ratio Lower Upper
93 100
63 81.5 39.0 79.0#
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 48.22 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:146 Resp: 467109
Ion Ratio Lower Upper
146 100
148 64.6 52.5 78.7
75 32.1 18.1 27.1#

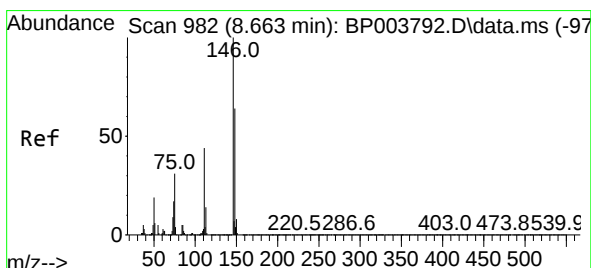
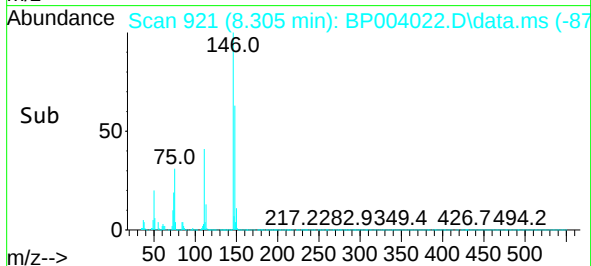
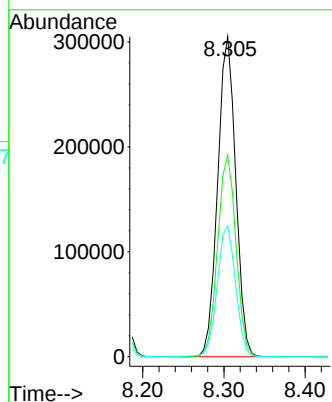
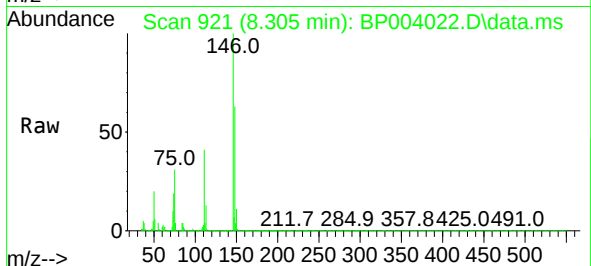




#13
1,4-Dichlorobenzene
Concen: 48.28 ng
RT: 8.305 min Scan# 921
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

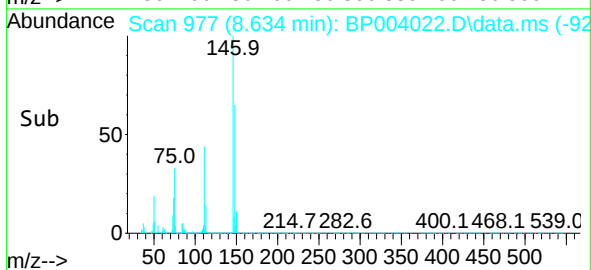
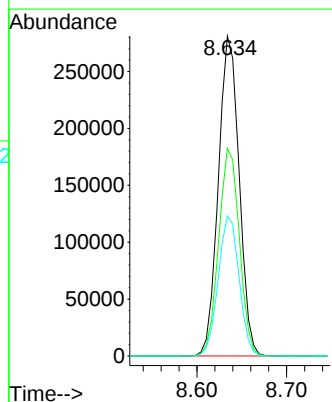
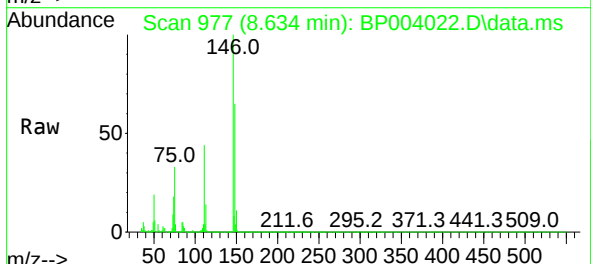
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

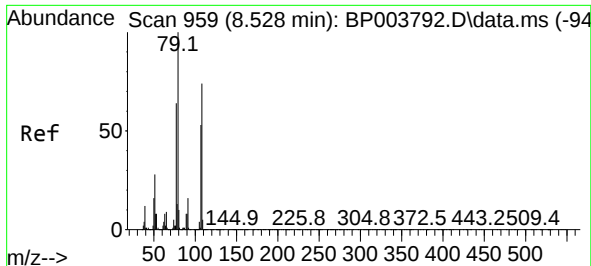
Tgt Ion:146 Resp: 471496
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
111 40.9 28.9 43.3



#14
1,2-Dichlorobenzene
Concen: 48.48 ng
RT: 8.634 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:146 Resp: 452189
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 43.8 31.0 46.6

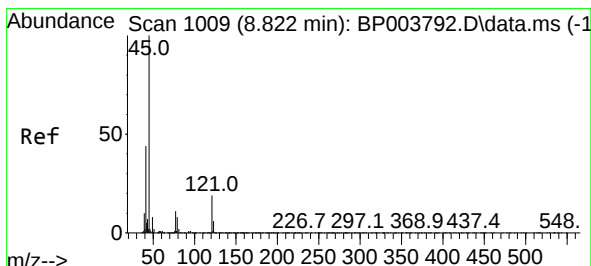
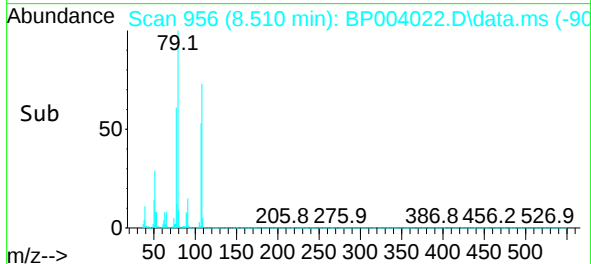
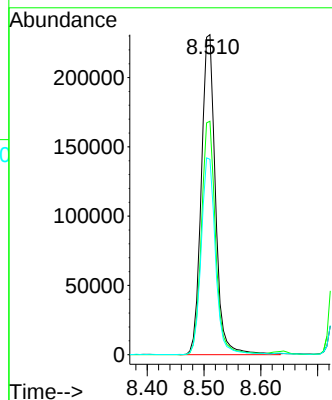
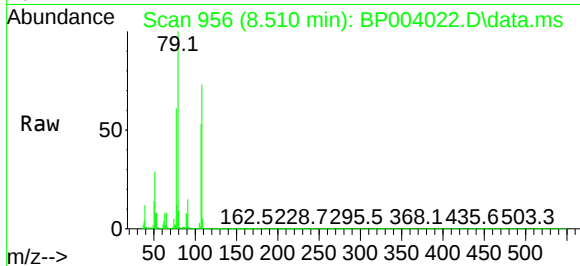




#15
Benzyl Alcohol
Concen: 53.96 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

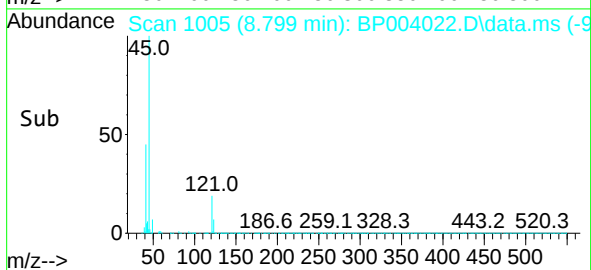
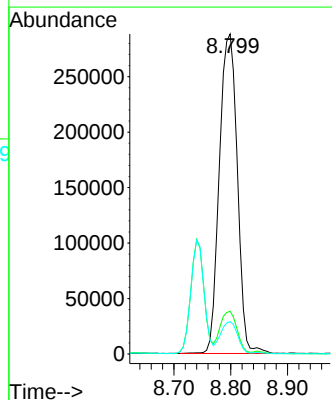
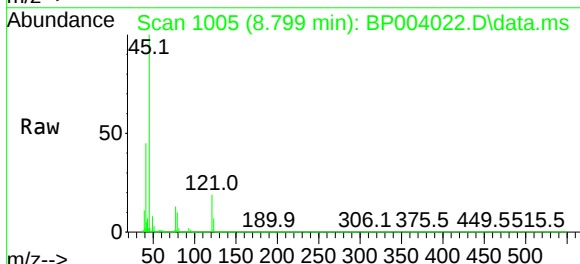
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

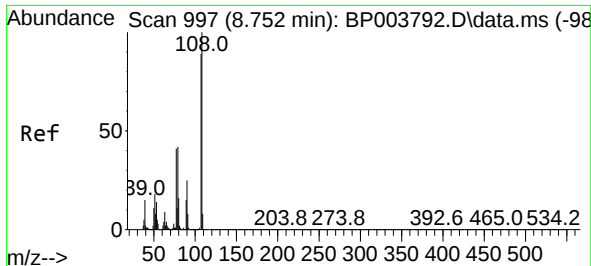
Tgt Ion: 79 Resp: 399400
Ion Ratio Lower Upper
79 100
108 73.0 73.5 110.3#
77 61.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.33 ng
RT: 8.799 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 45 Resp: 632732
Ion Ratio Lower Upper
45 100
77 13.4 2.3 42.3
79 10.1 0.0 36.6

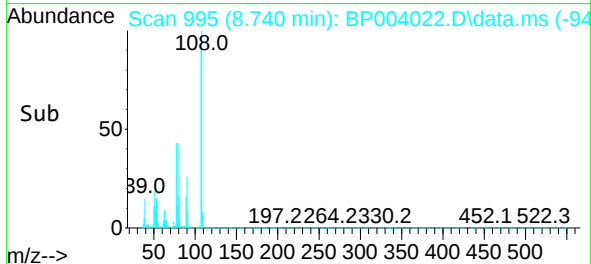
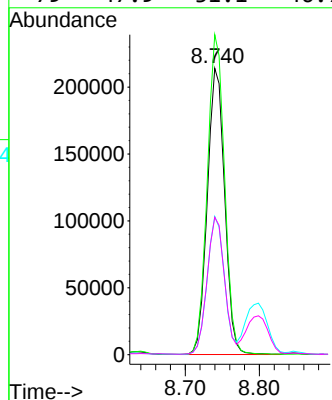
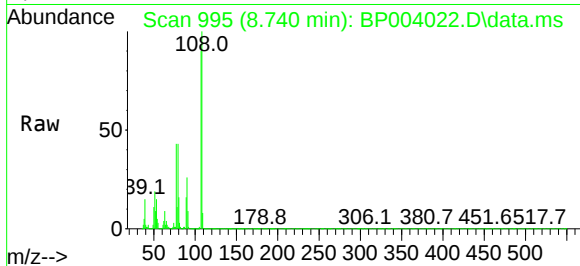




#17
2-Methylphenol
Concen: 51.33 ng
RT: 8.740 min Scan# 995
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

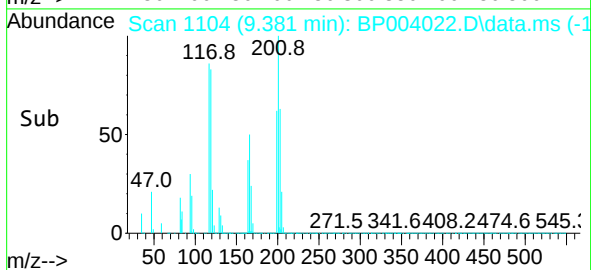
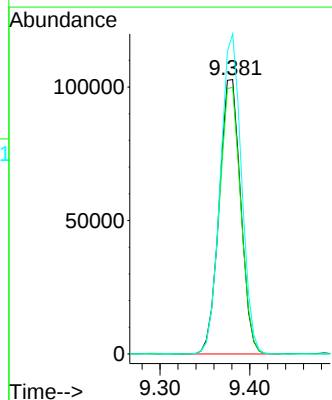
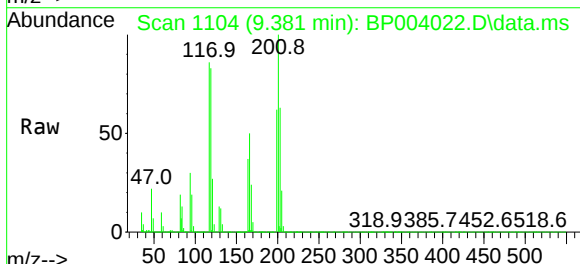
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

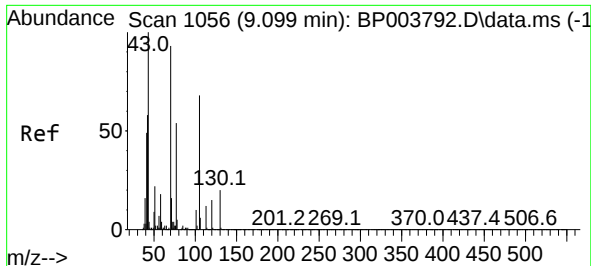
Tgt Ion:	107	Resp:	347536
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	48.3	31.8	47.6#
79	47.9	31.1	46.7#



#18
Hexachloroethane
Concen: 49.29 ng
RT: 9.381 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:	117	Resp:	171054
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.8	118.2
201	116.6	92.3	138.5

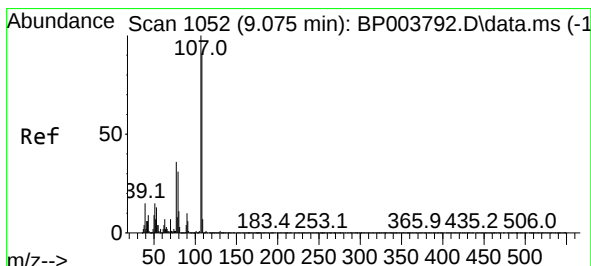
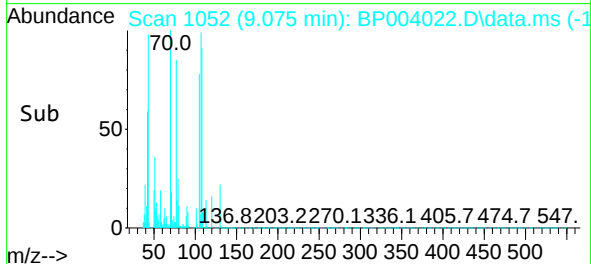
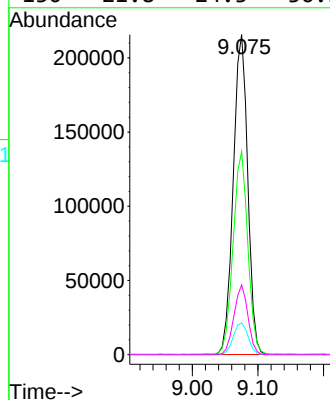
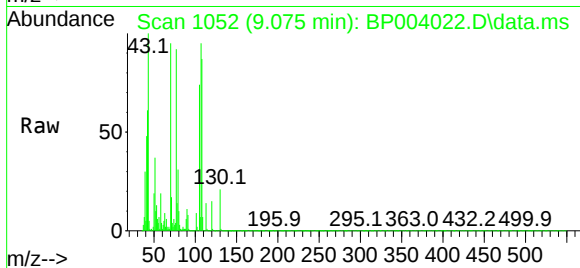




#19
n-Nitroso-di-n-propylamine
Concen: 51.75 ng
RT: 9.075 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

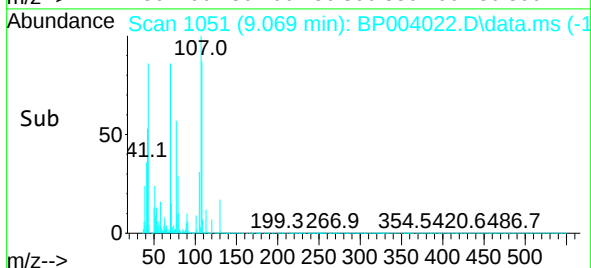
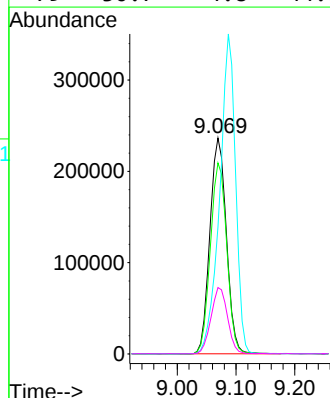
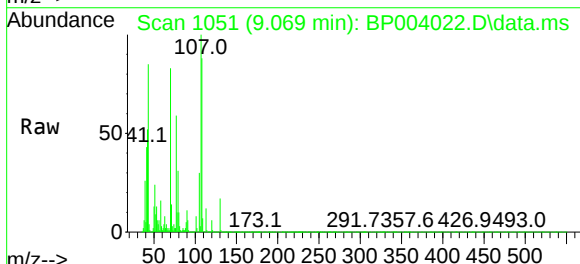
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

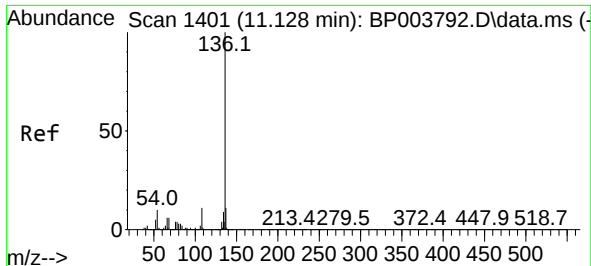
Tgt Ion: 70 Resp: 330528
Ion Ratio Lower Upper
70 100
42 63.5 32.8 49.2#
101 9.9 9.6 14.4
130 21.8 24.3 36.5#



#20
3+4-Methylphenols
Concen: 50.93 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 107 Resp: 460327
Ion Ratio Lower Upper
107 100
108 88.4 69.0 109.0
77 58.7 8.5 48.5#
79 30.7 4.8 44.8

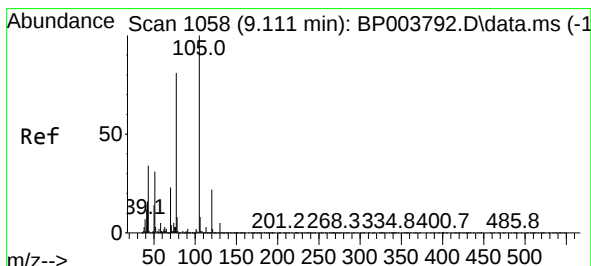
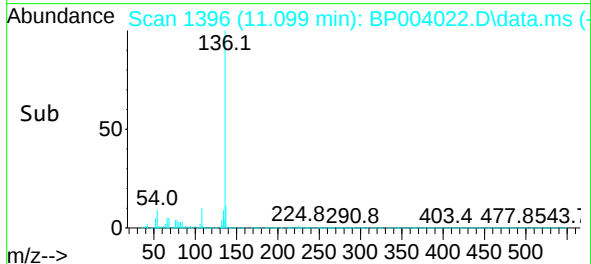
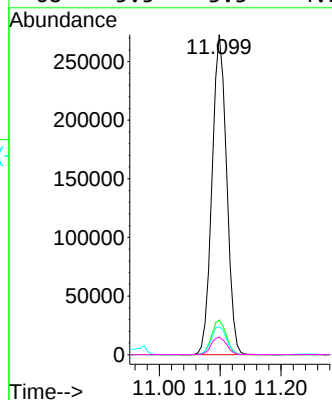
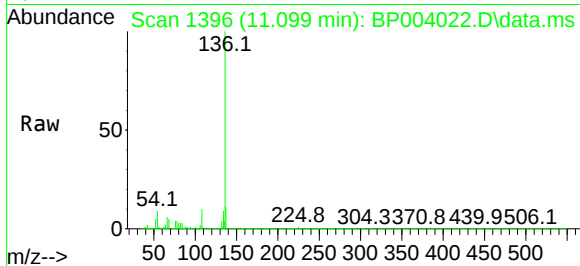




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

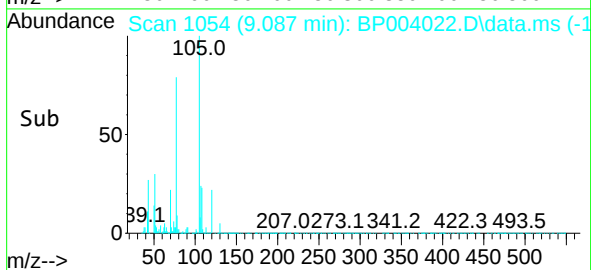
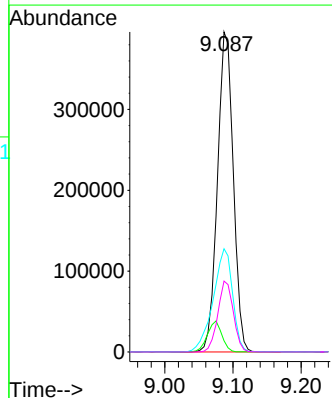
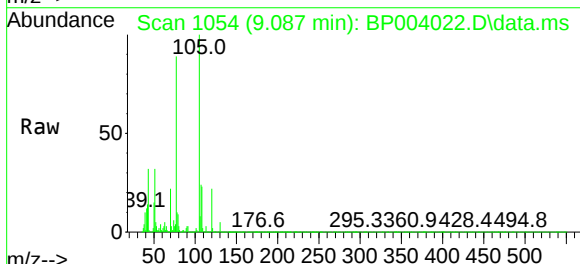
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

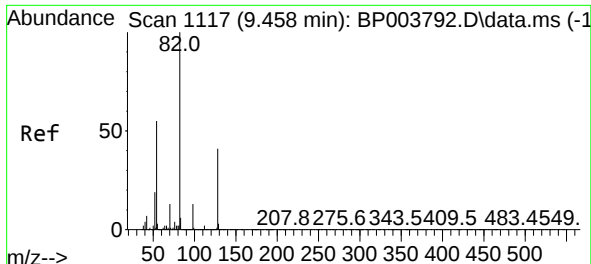
Tgt Ion:	136	Resp:	453652
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.7	3.6	5.4#
68	5.5	3.3	4.9#



#22
Acetophenone
Concen: 52.62 ng
RT: 9.087 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:	105	Resp:	640746
Ion Ratio	Lower	Upper	
105	100		
71	3.5	2.6	3.8
51	32.2	13.5	20.3#
120	22.2	19.6	29.4

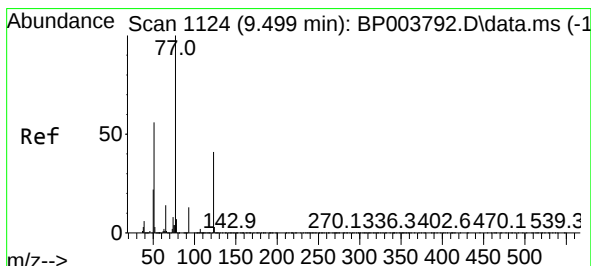
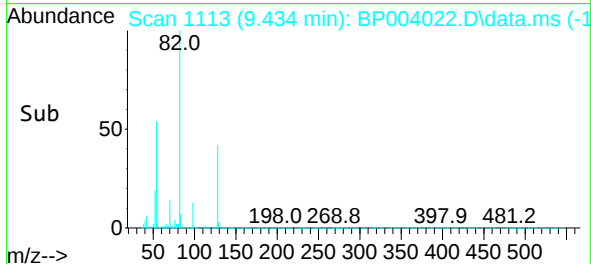
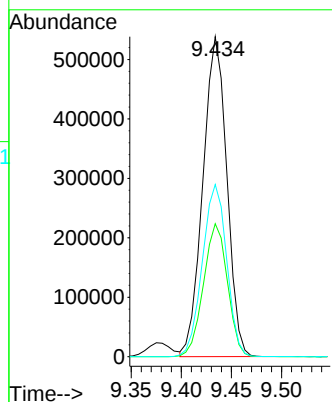
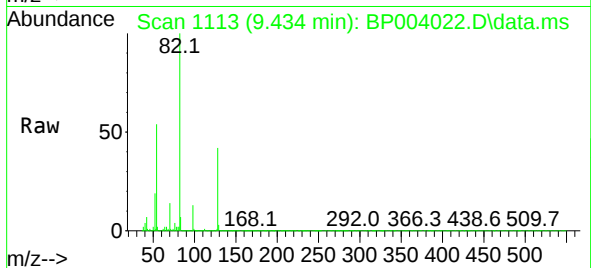




#23
Nitrobenzene-d5
Concen: 96.46 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

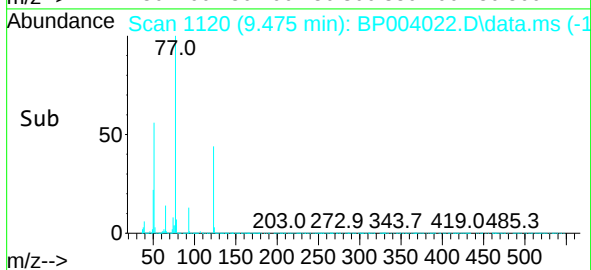
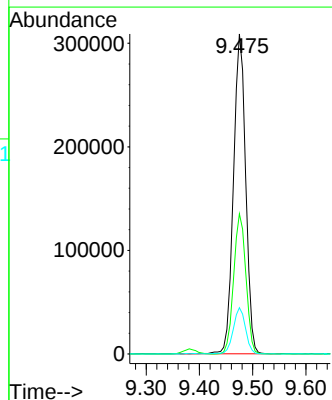
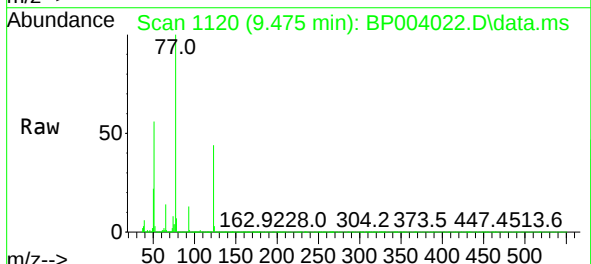
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

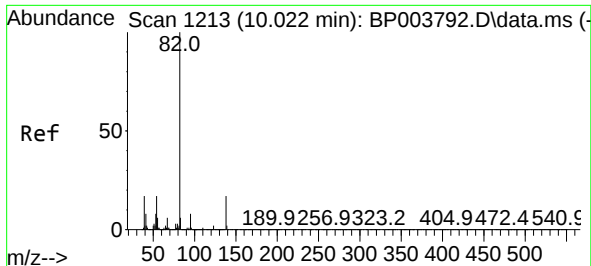
Tgt Ion: 82 Resp: 893455
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 53.8 30.1 45.1#



#24
Nitrobenzene
Concen: 53.49 ng
RT: 9.475 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 77 Resp: 492374
Ion Ratio Lower Upper
77 100
123 43.8 48.6 72.8#
65 14.5 10.0 15.0

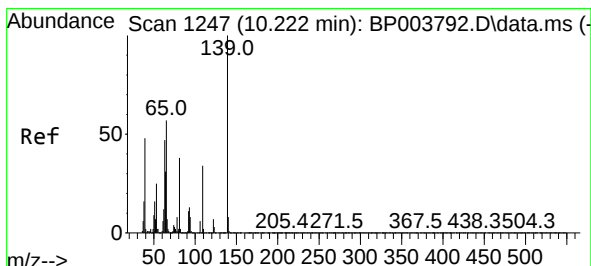
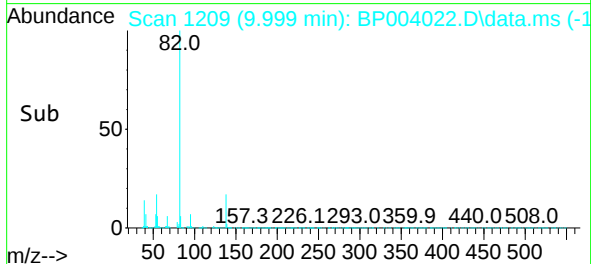
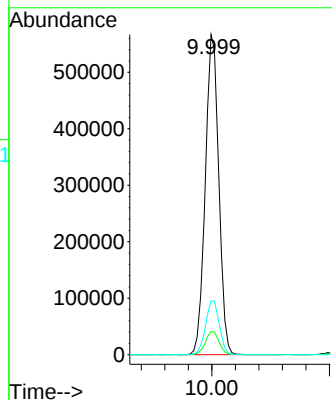
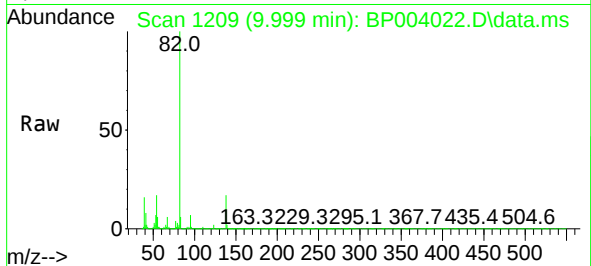




#25
Isophorone
Concen: 57.22 ng
RT: 9.999 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

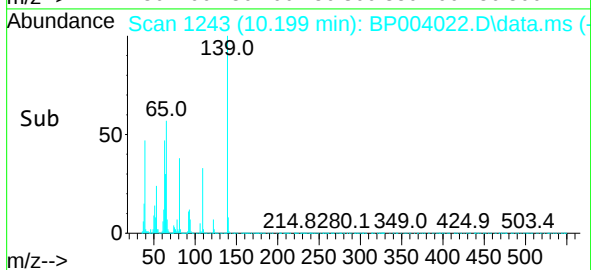
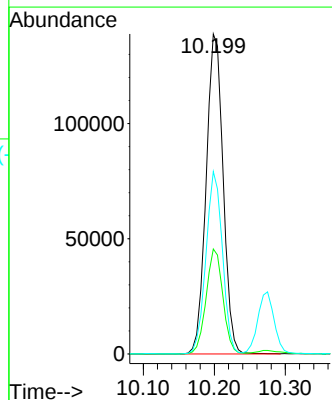
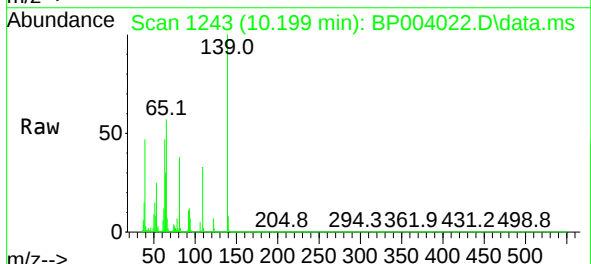
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

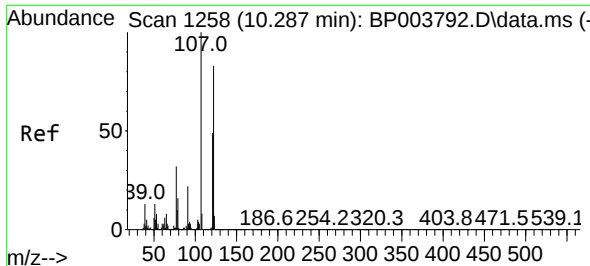
Tgt Ion: 82 Resp: 900265
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 16.8 18.7 28.1#



#26
2-Nitrophenol
Concen: 64.24 ng
RT: 10.199 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 139 Resp: 230905
Ion Ratio Lower Upper
139 100
109 32.8 22.1 33.1
65 57.0 26.5 39.7#

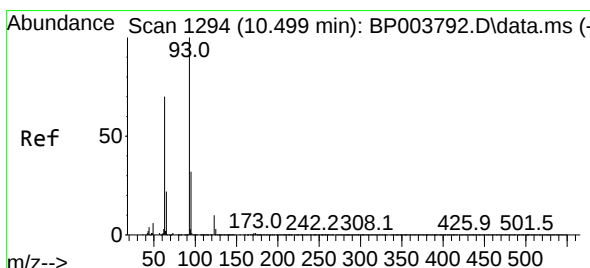
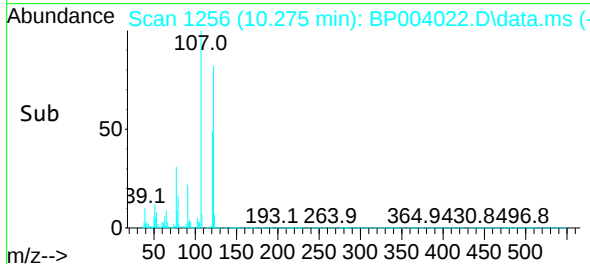
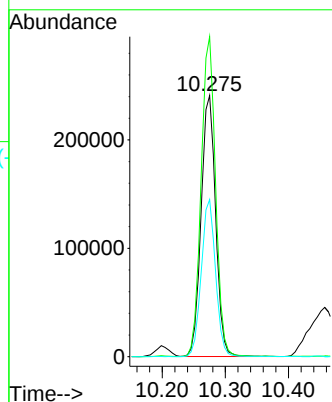
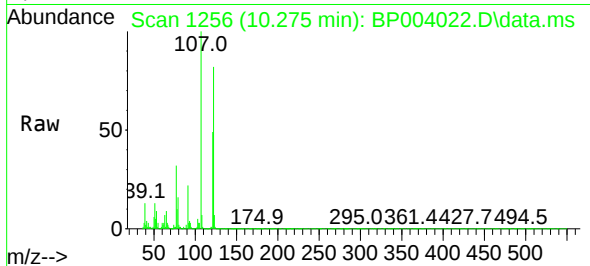




#27
2,4-Dimethylphenol
Concen: 63.94 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

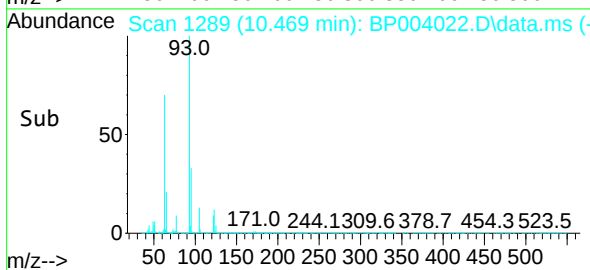
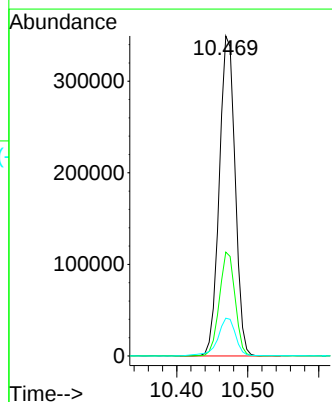
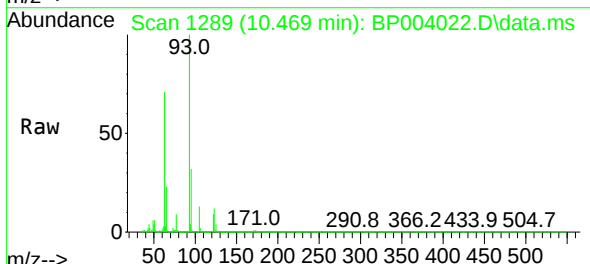
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

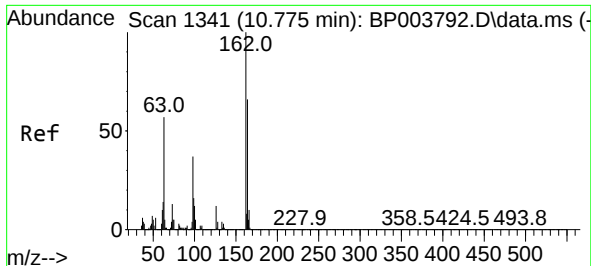
Tgt Ion:122 Resp: 383338
Ion Ratio Lower Upper
122 100
107 122.5 87.3 130.9
121 60.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 49.88 ng
RT: 10.469 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 93 Resp: 538493
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 11.8 10.5 15.7

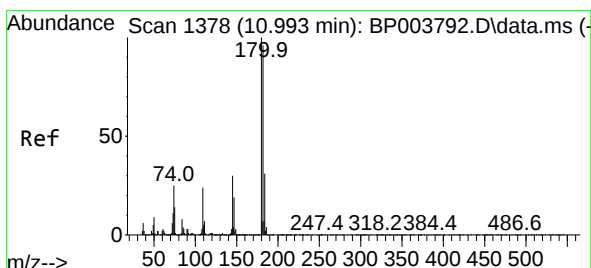
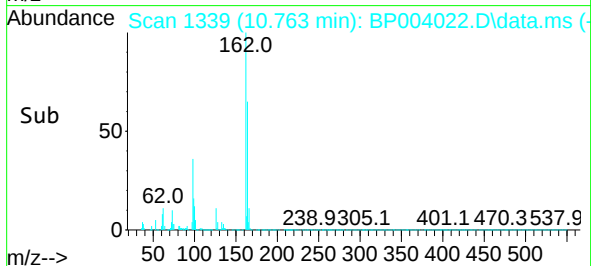
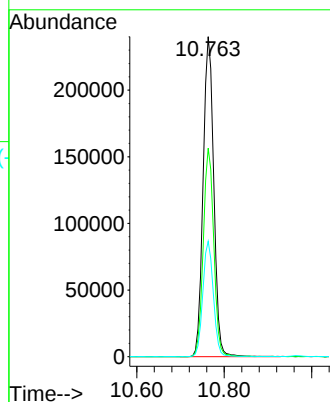
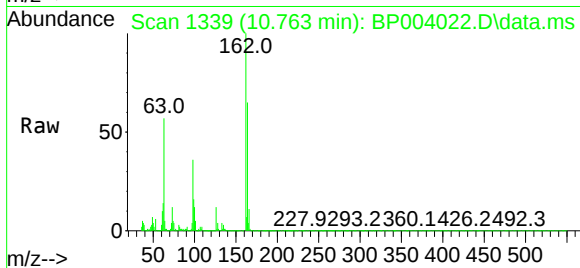




#29
2,4-Dichlorophenol
Concen: 56.42 ng
RT: 10.763 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

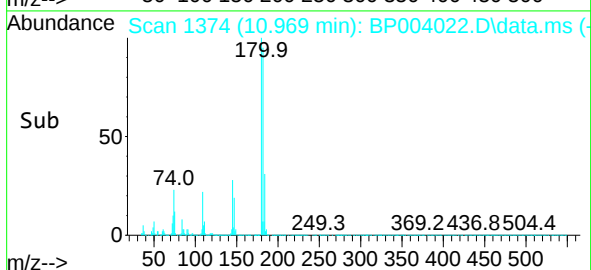
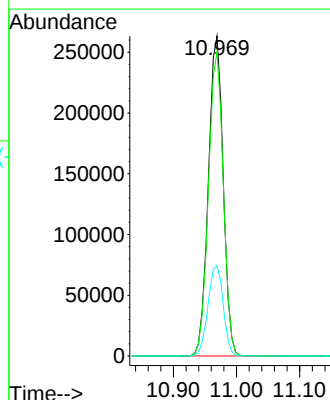
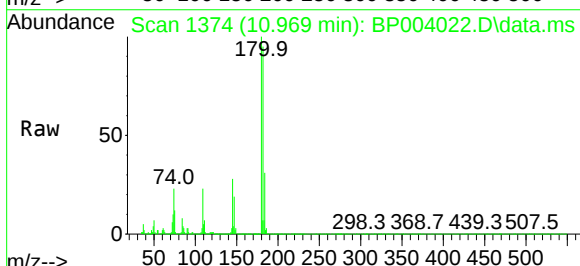
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

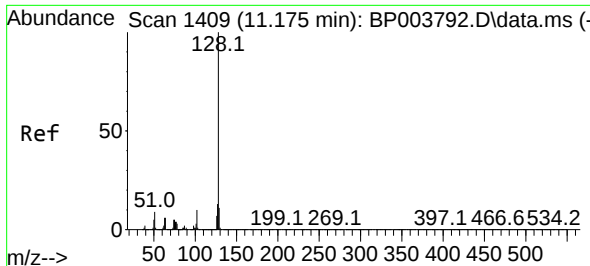
Tgt Ion:162 Resp: 407643
Ion Ratio Lower Upper
162 100
164 65.2 45.8 85.8
98 36.0 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 48.49 ng
RT: 10.969 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:180 Resp: 426818
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.2
145 28.3 23.8 35.8

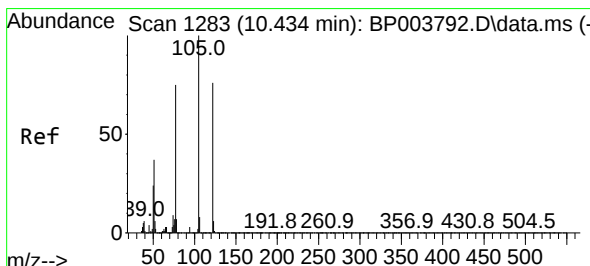
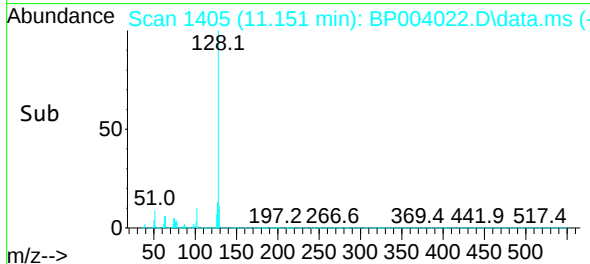
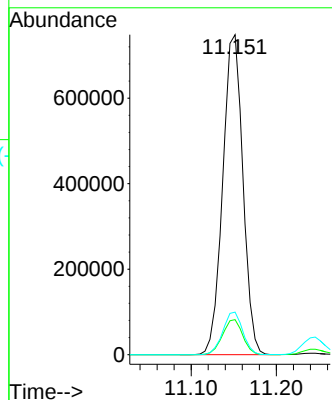
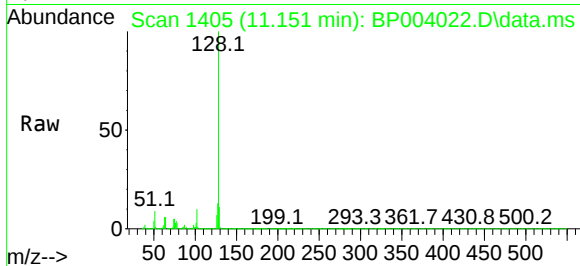




#31
Naphthalene
Concen: 50.54 ng
RT: 11.151 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

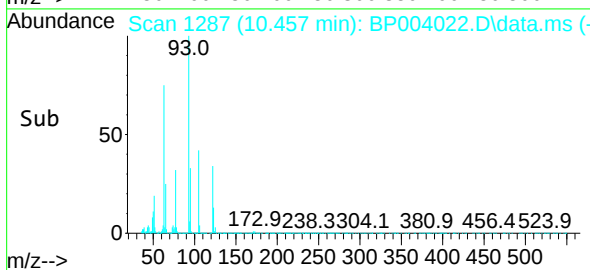
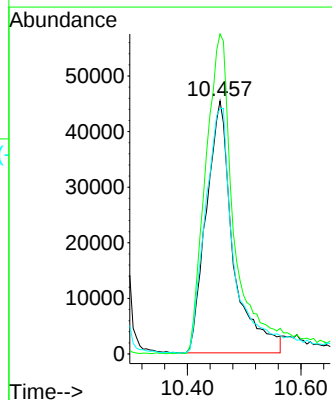
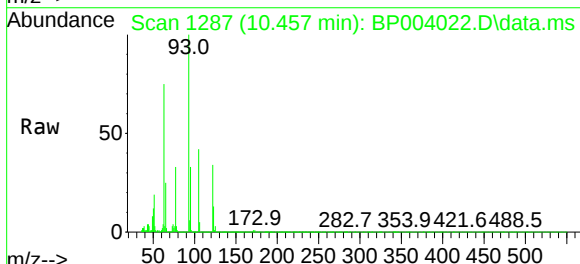
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

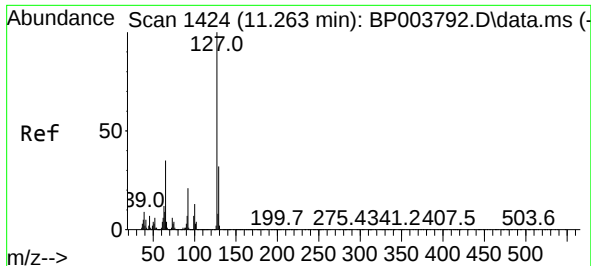
Tgt Ion:128 Resp: 1230456
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 37.64 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:122 Resp: 149296
Ion Ratio Lower Upper
122 100
105 126.5 94.1 134.1
77 97.0 50.1 90.1#

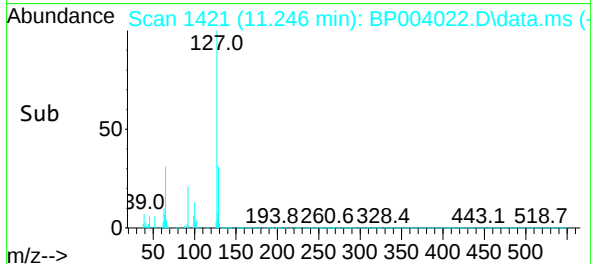
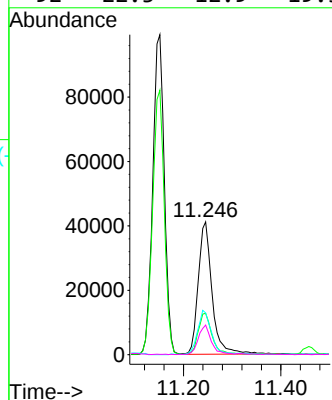
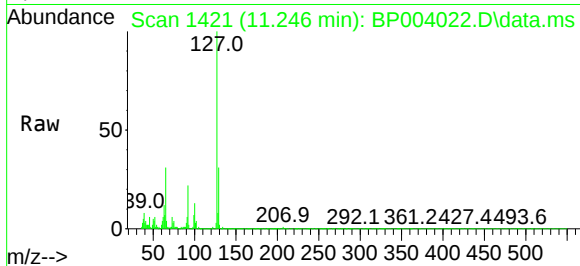




#33
4-Chloroaniline
Concen: 7.87 ng
RT: 11.246 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

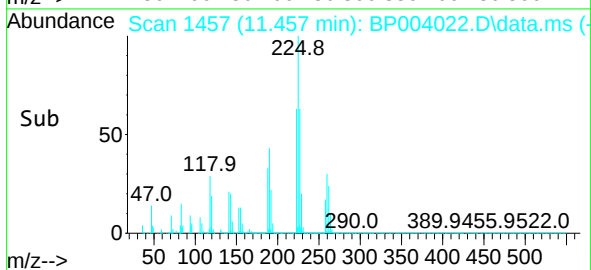
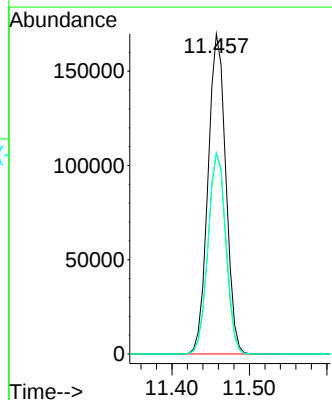
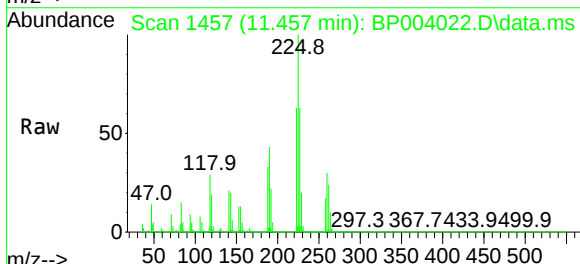
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

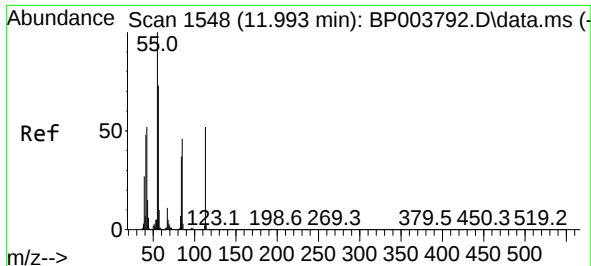
Tgt Ion:	127	Resp:	81371
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	31.4	17.3	25.9#
92	22.3	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 47.09 ng
RT: 11.457 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:	225	Resp:	270328
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	62.9	51.4	77.2

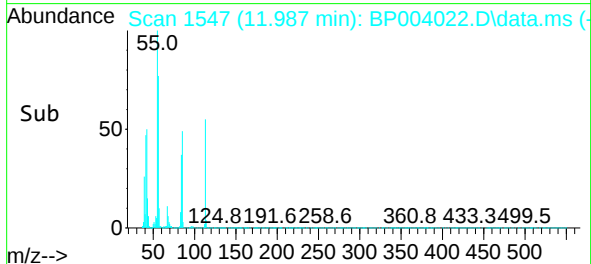
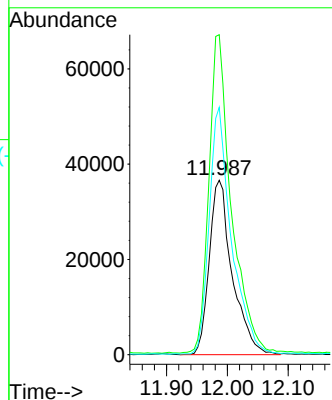
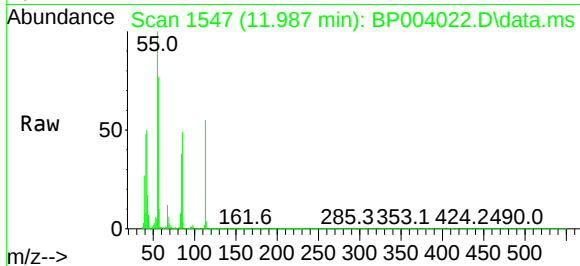




#35
Caprolactam
Concen: 43.01 ng
RT: 11.987 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

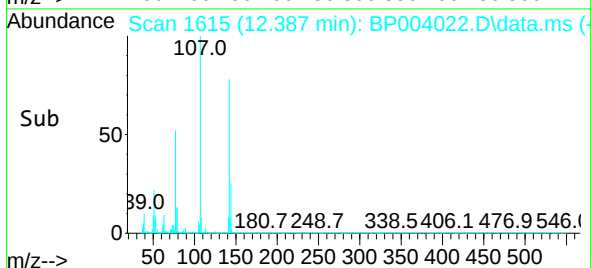
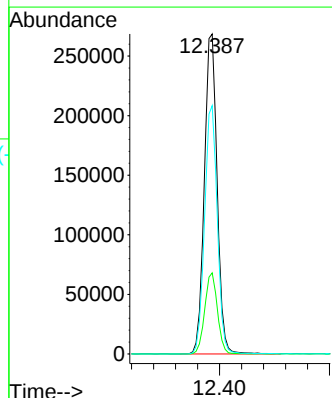
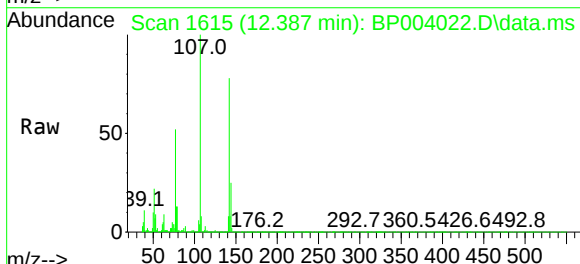
Instrument :
BNA_P
ClientSampleId :
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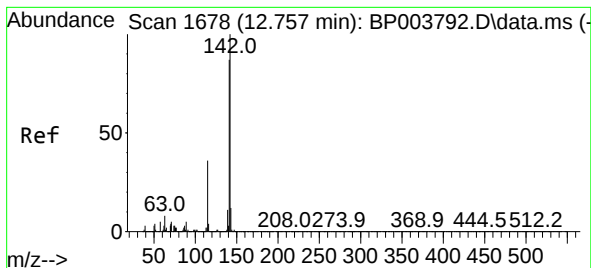
Tgt Ion:113 Resp: 96085
Ion Ratio Lower Upper
113 100
55 183.4 77.3 117.3#
56 141.8 55.9 95.9#



#36
4-Chloro-3-methylphenol
Concen: 55.50 ng
RT: 12.387 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:107 Resp: 432876
Ion Ratio Lower Upper
107 100
144 25.4 22.7 34.1
142 77.6 70.7 106.1

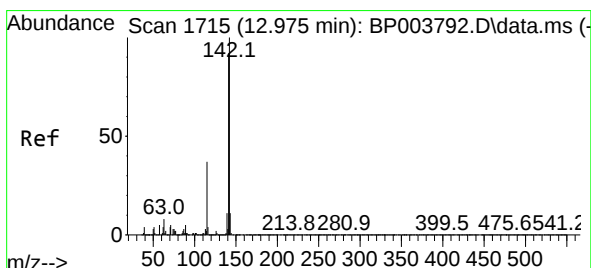
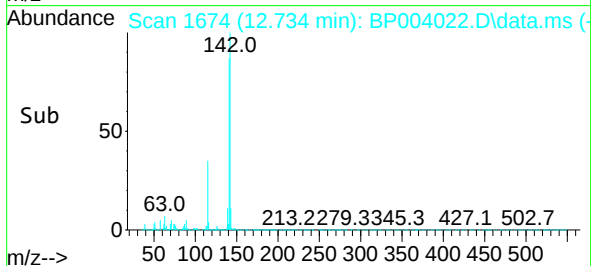
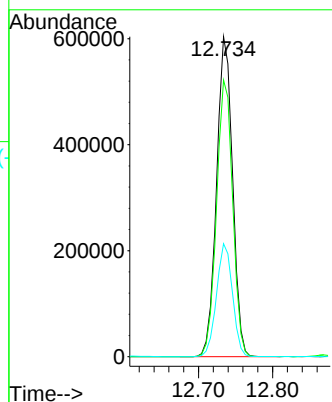
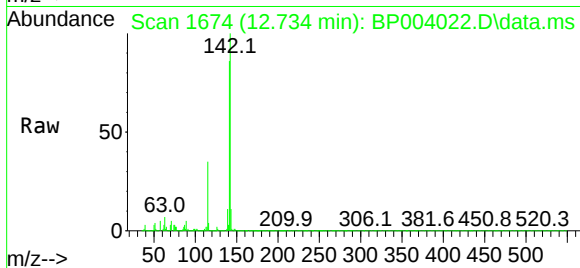




#37
2-Methylnaphthalene
Concen: 51.92 ng
RT: 12.734 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

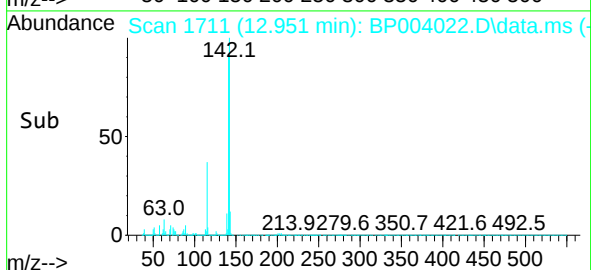
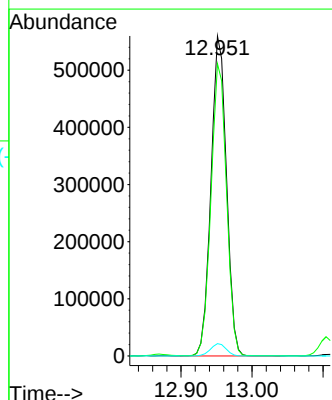
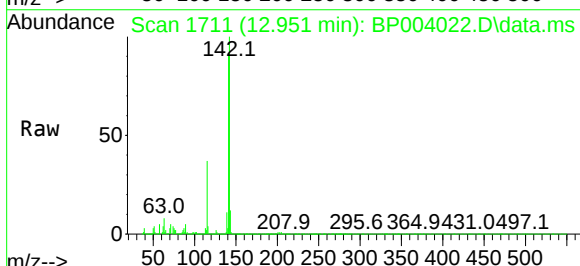
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

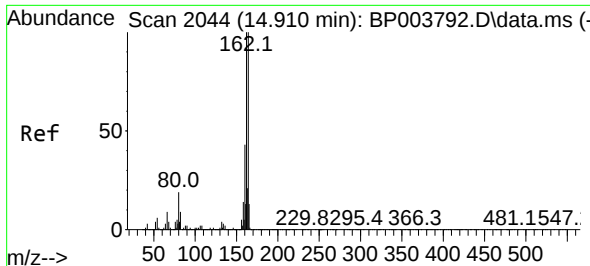
Tgt Ion:142 Resp: 904418
Ion Ratio Lower Upper
142 100
141 86.4 71.4 107.2
115 35.3 25.8 38.6



#38
1-Methylnaphthalene
Concen: 50.93 ng
RT: 12.951 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:142 Resp: 846331
Ion Ratio Lower Upper
142 100
141 91.3 74.4 111.6
116 3.9 2.9 4.3

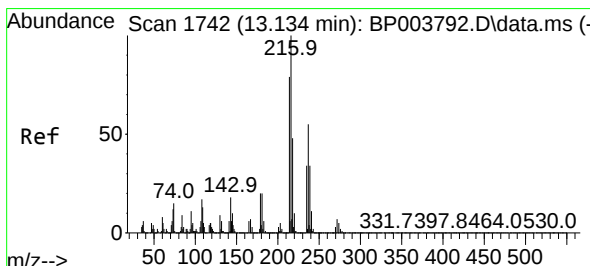
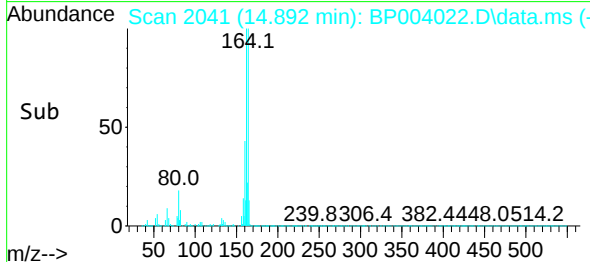
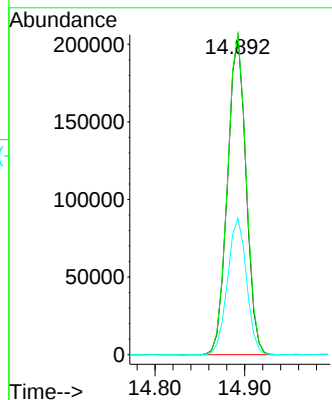
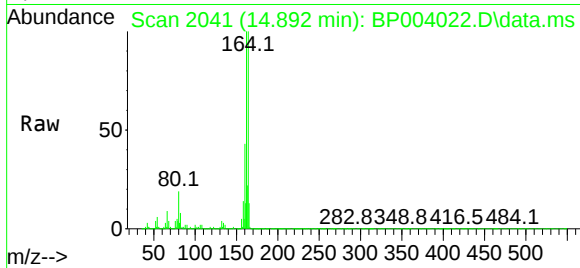




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

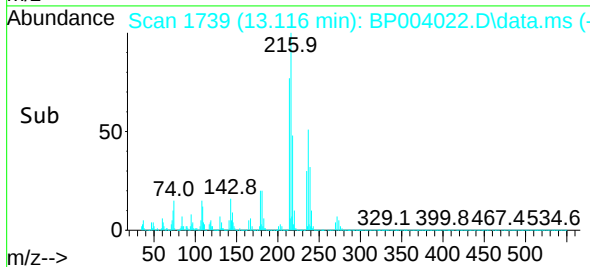
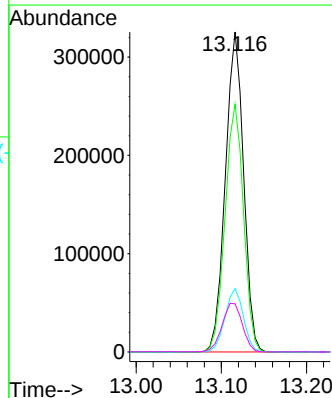
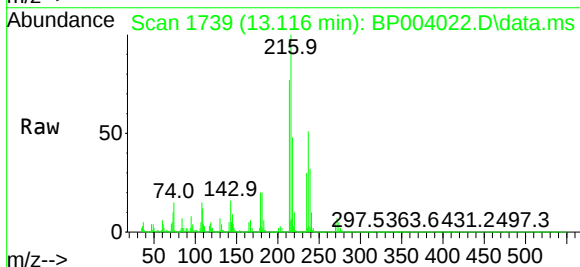
Instrument :
BNA_P
ClientSampleId :
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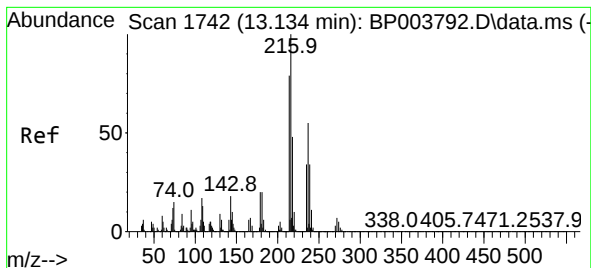
Tgt Ion:164 Resp: 294619
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 42.6 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.65 ng
RT: 13.116 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:216 Resp: 484129
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 19.9 16.9 25.3
108 16.9 12.6 19.0

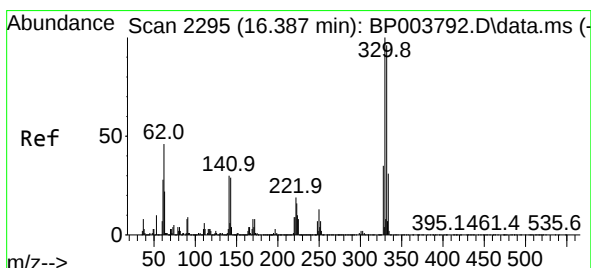
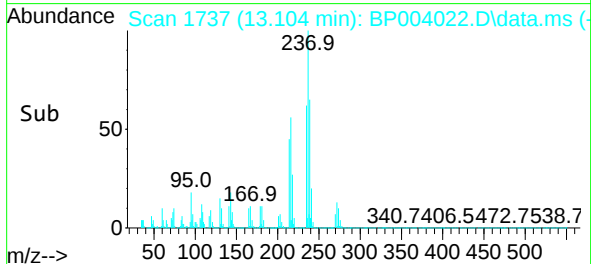
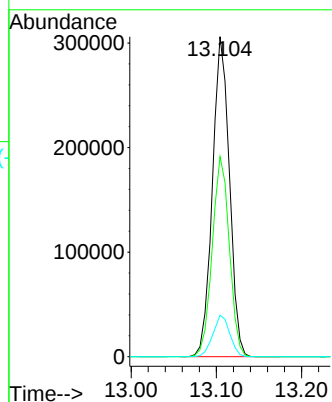
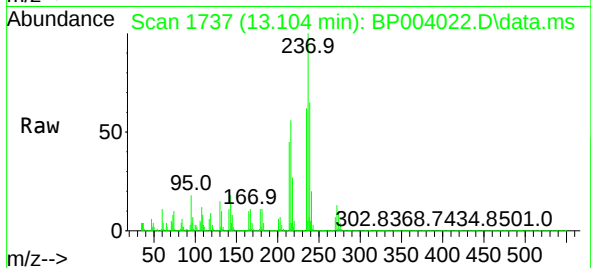




#41
Hexachlorocyclopentadiene
Concen: 86.29 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

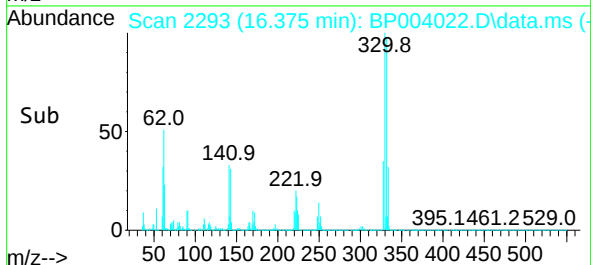
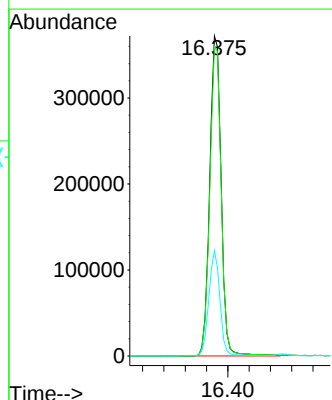
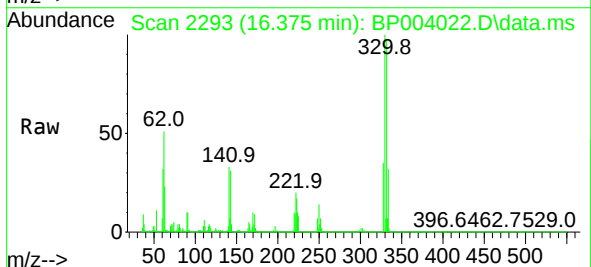
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BNA_P
ClientSampleId :
ND-SOILMSD

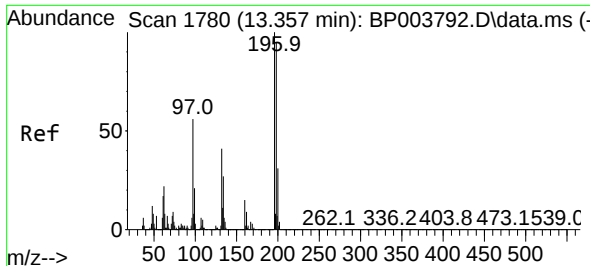
Tgt Ion:237 Resp: 424494
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 150.61 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:330 Resp: 554983
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.9 23.4 35.2

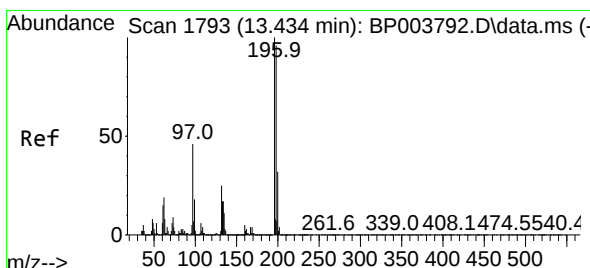
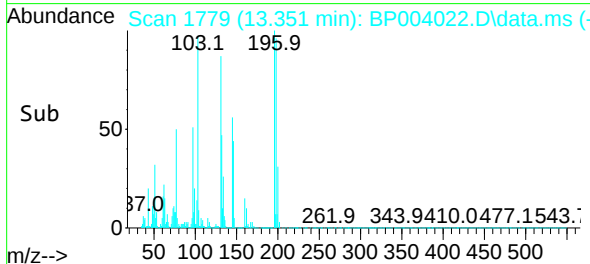
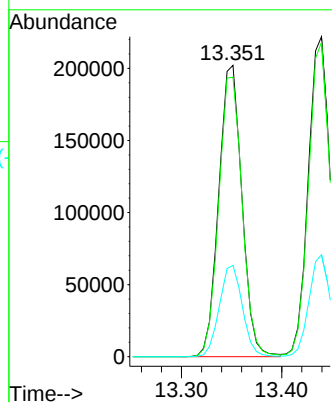
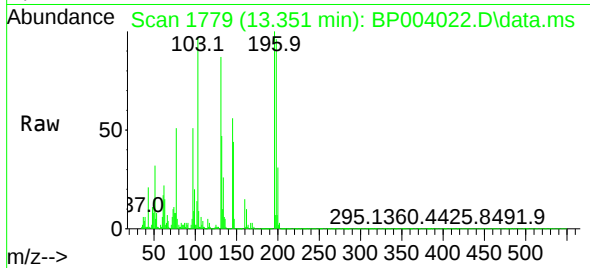




#43
2,4,6-Trichlorophenol
Concen: 53.83 ng
RT: 13.351 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

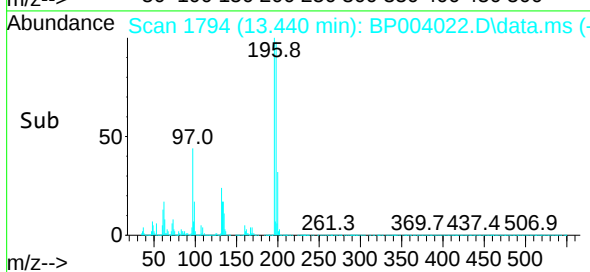
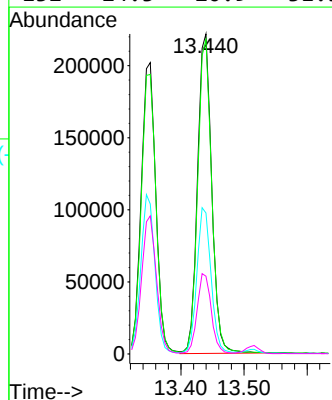
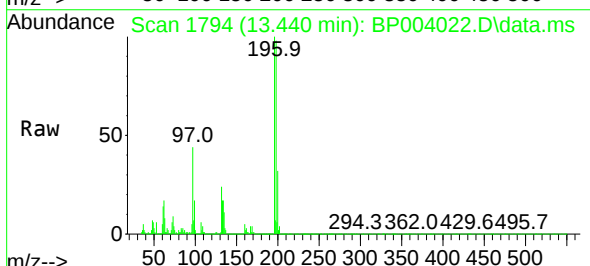
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

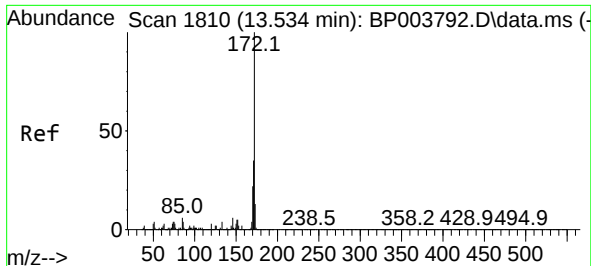
Tgt Ion:196 Resp: 324467
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
200 31.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 54.40 ng
RT: 13.440 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:196 Resp: 345255
Ion Ratio Lower Upper
196 100
198 98.2 77.3 115.9
97 44.0 31.0 46.4
132 24.3 20.9 31.3

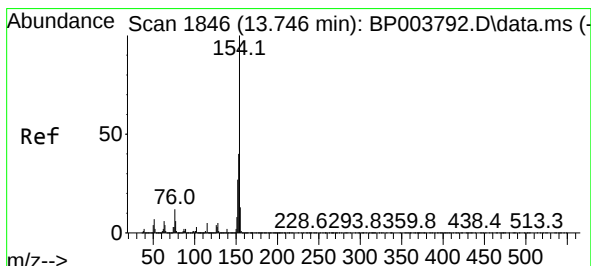
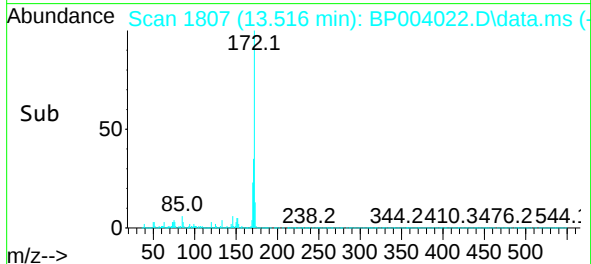
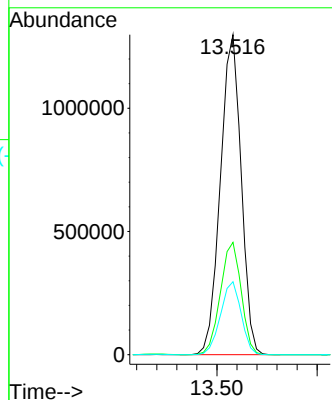
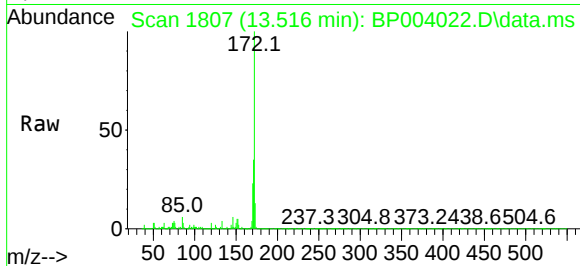




#45
2-Fluorobiphenyl
Concen: 88.45 ng
RT: 13.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

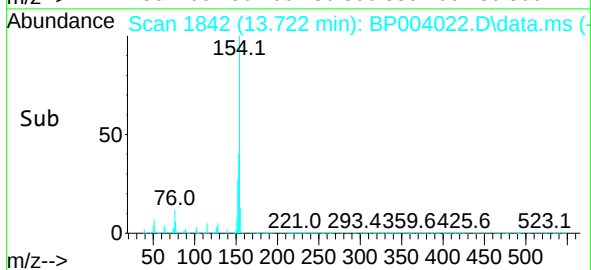
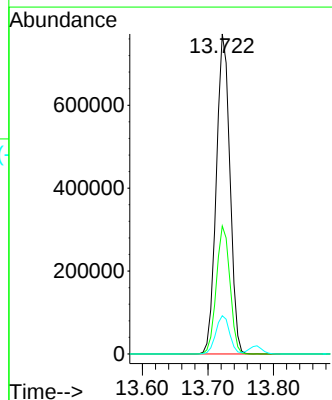
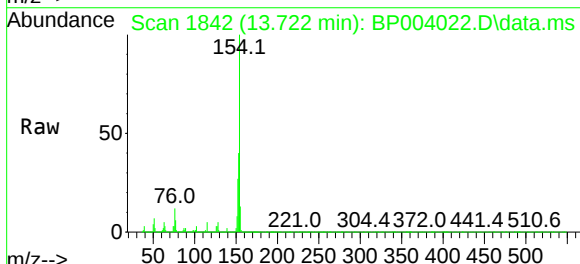
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

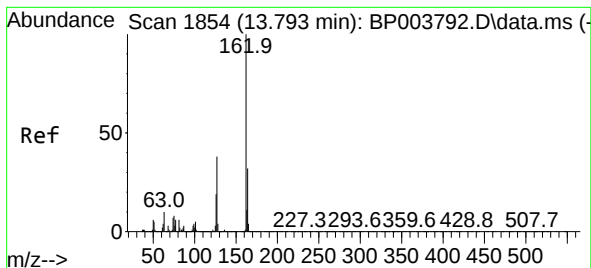
Tgt Ion:172 Resp: 1863937
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.8 19.2 28.8



#46
1,1'-Biphenyl
Concen: 48.51 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:154 Resp: 1109350
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 12.0 0.0 29.3

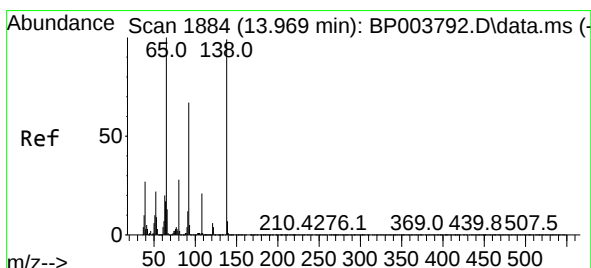
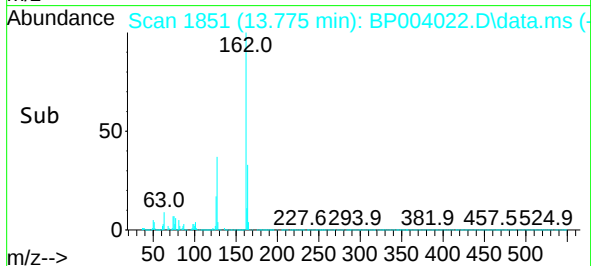
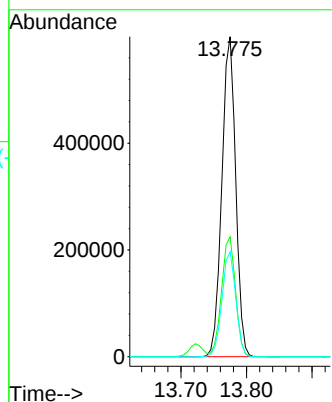
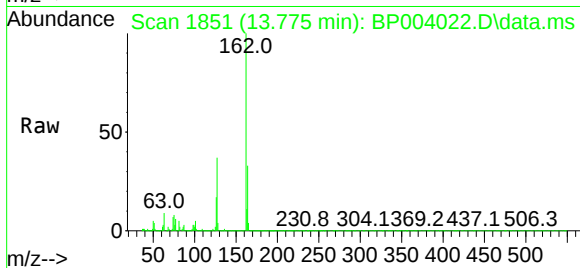




#47
2-Chloronaphthalene
Concen: 46.57 ng
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

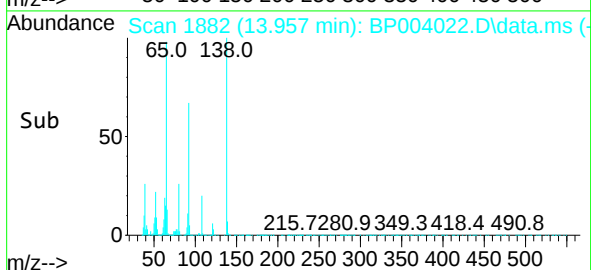
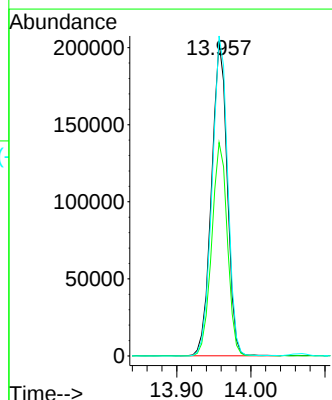
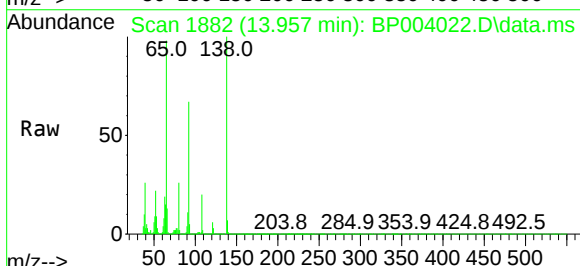
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

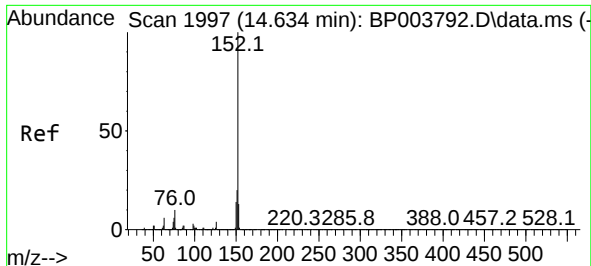
Tgt Ion:162 Resp: 873897
Ion Ratio Lower Upper
162 100
127 37.5 29.9 44.9
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 53.49 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion: 65 Resp: 299487
Ion Ratio Lower Upper
65 100
92 67.9 70.6 106.0#
138 101.8 133.6 200.4#

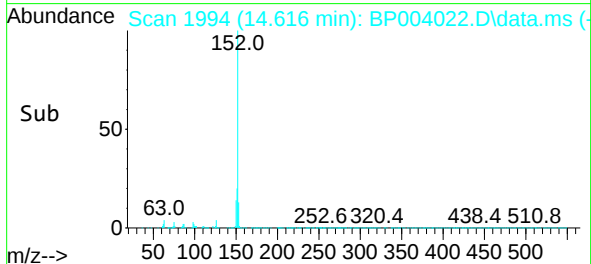
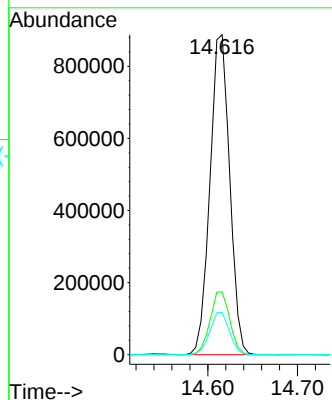
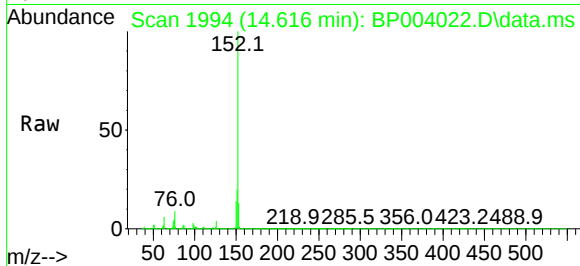




#49
Acenaphthylene
Concen: 49.08 ng
RT: 14.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

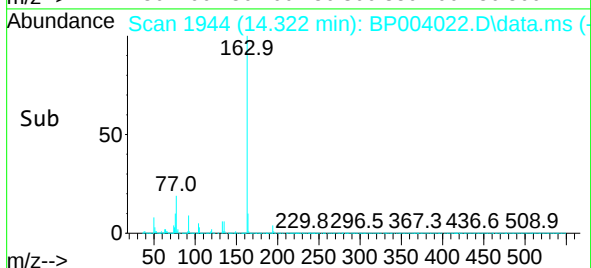
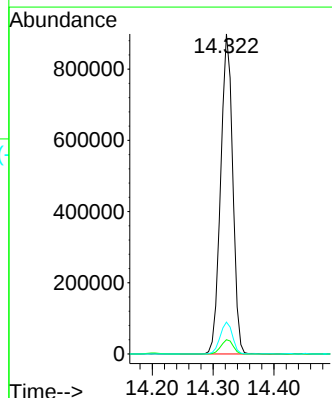
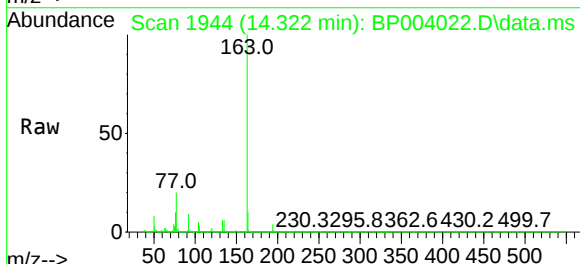
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

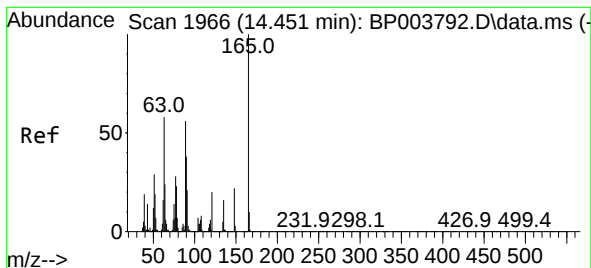
Tgt Ion:152 Resp: 1352527
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 53.63 ng
RT: 14.322 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:163 Resp: 1234988
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.9 8.2 12.2

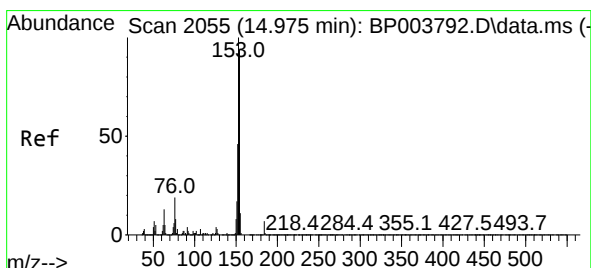
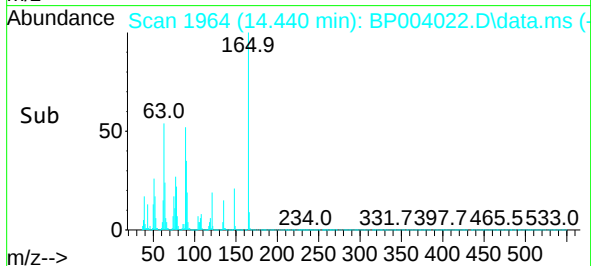
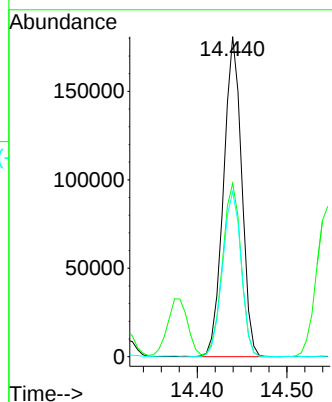
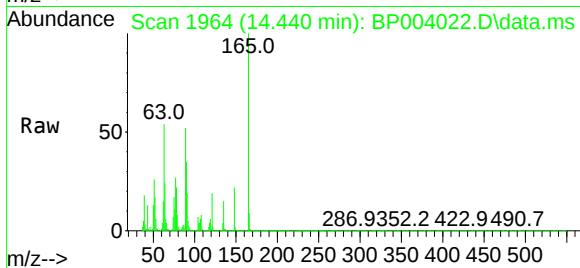




#51
2,6-Dinitrotoluene
Concen: 53.68 ng
RT: 14.440 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

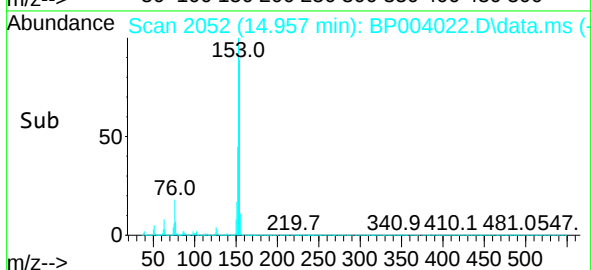
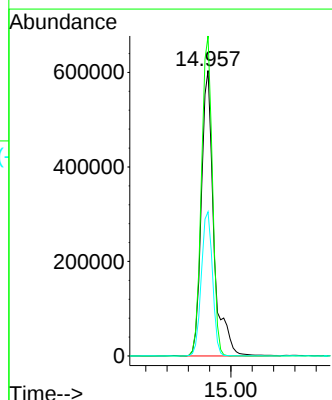
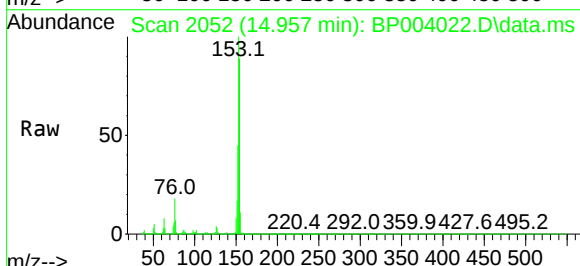
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

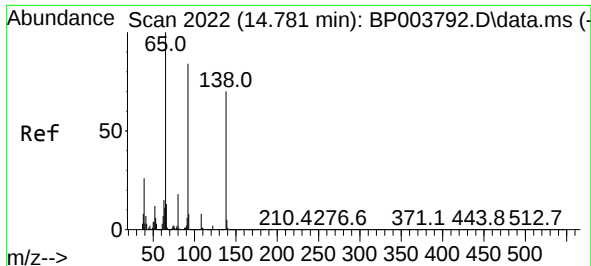
Tgt Ion:165 Resp: 253638
Ion Ratio Lower Upper
165 100
63 54.2 27.8 41.6#
89 51.6 34.6 52.0



#52
Acenaphthene
Concen: 53.38 ng
RT: 14.957 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:154 Resp: 979887
Ion Ratio Lower Upper
154 100
153 112.1 91.0 136.6
152 50.5 43.0 64.6

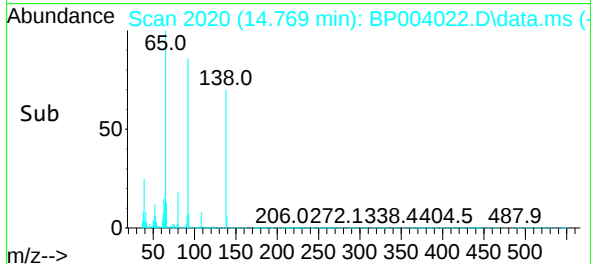
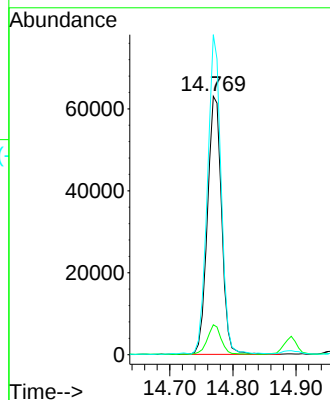
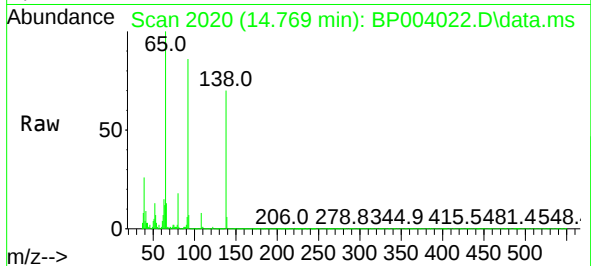




#53
3-Nitroaniline
Concen: 18.72 ng
RT: 14.769 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

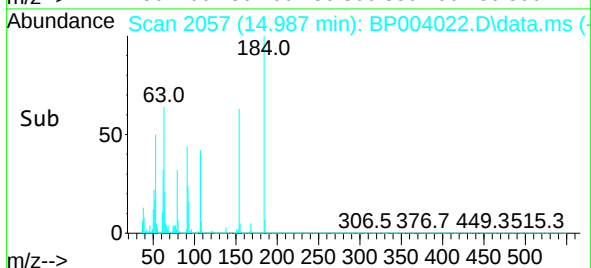
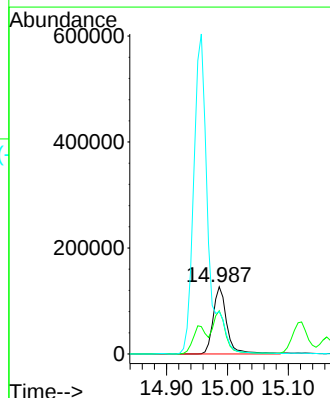
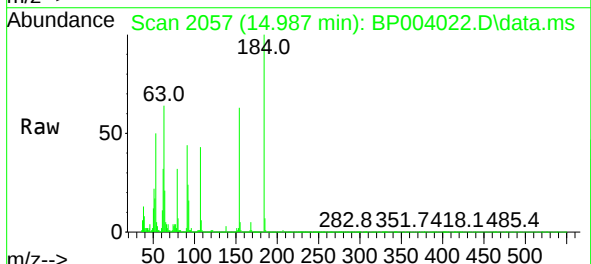
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

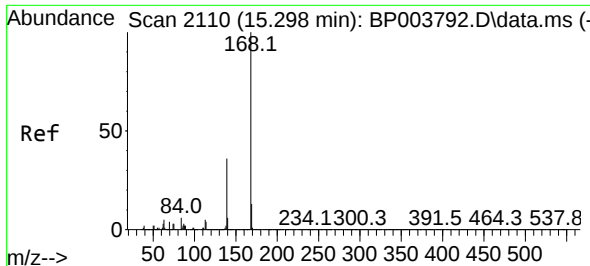
Tgt Ion:138 Resp: 97905
Ion Ratio Lower Upper
138 100
108 11.6 7.5 11.3#
92 123.9 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 75.90 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:184 Resp: 196585
Ion Ratio Lower Upper
184 100
63 64.3 32.3 48.5#
154 63.2 49.1 73.7

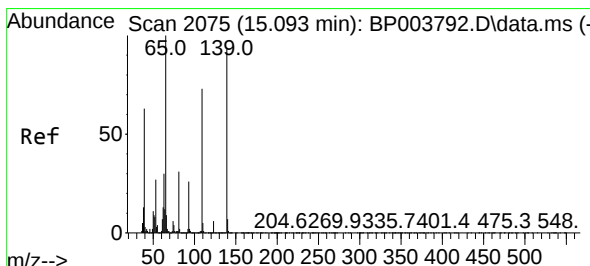
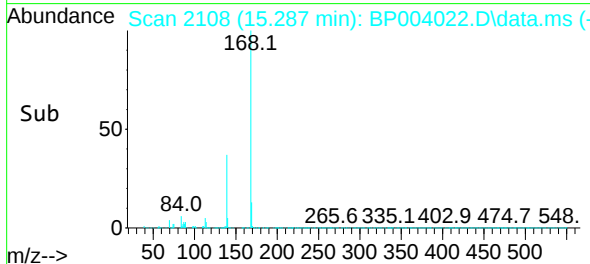
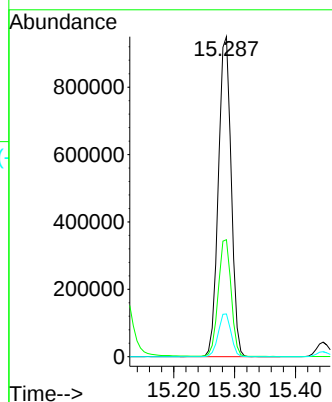
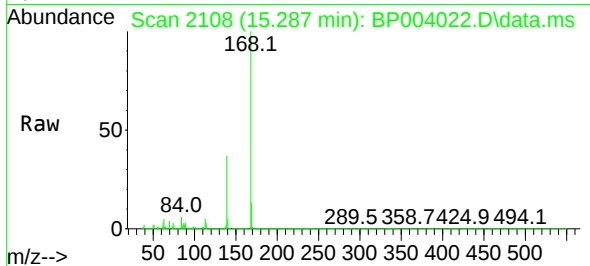




#55
Dibenzenofuran
Concen: 50.63 ng
RT: 15.287 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

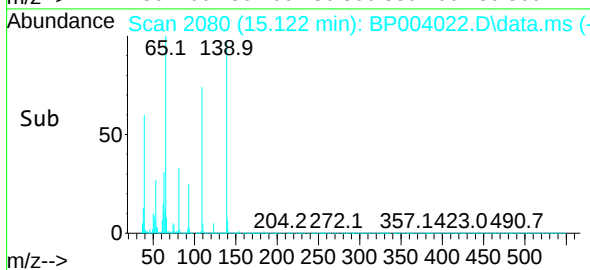
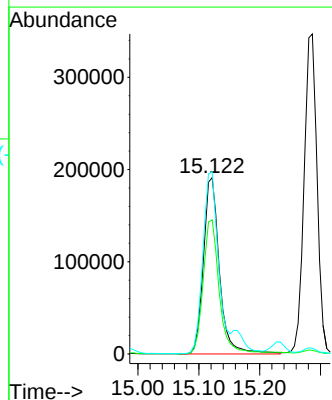
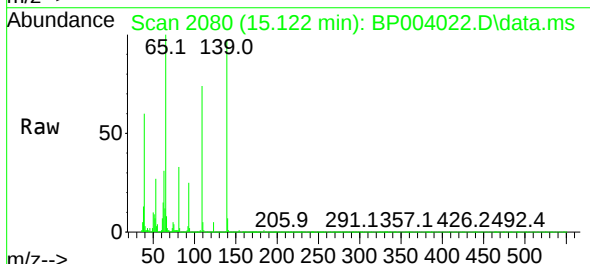
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

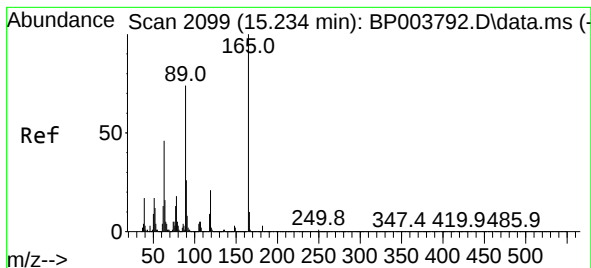
Tgt Ion:168 Resp: 1380795
Ion Ratio Lower Upper
168 100
139 36.5 29.1 43.7
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 92.56 ng
RT: 15.122 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:139 Resp: 348923
Ion Ratio Lower Upper
139 100
109 76.0 44.6 84.6
65 103.2 41.6 81.6#

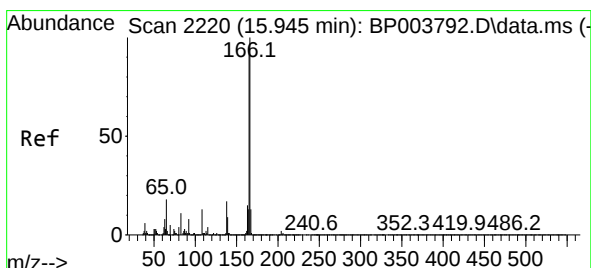
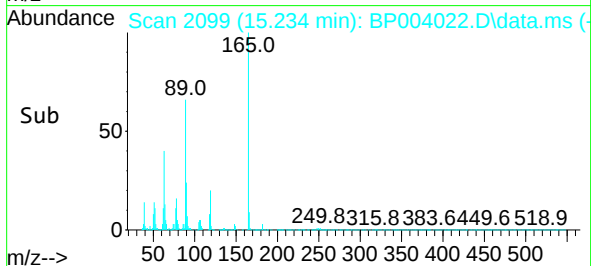
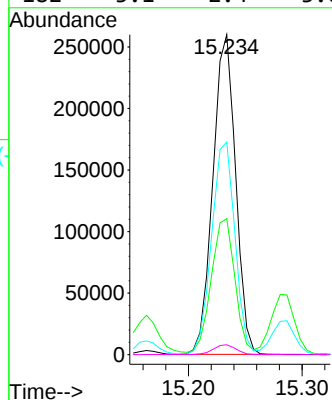
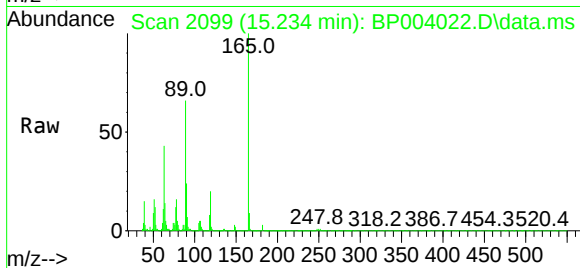




#57
2,4-Dinitrotoluene
Concen: 56.92 ng
RT: 15.234 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

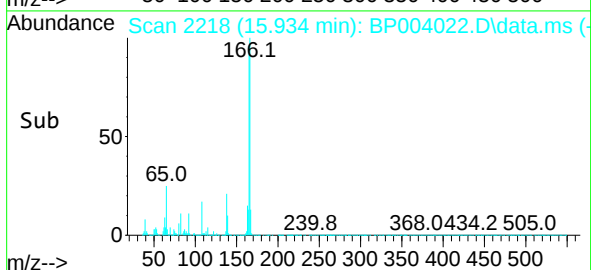
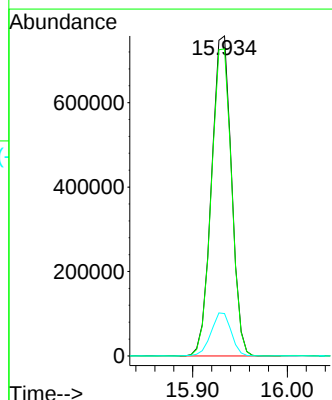
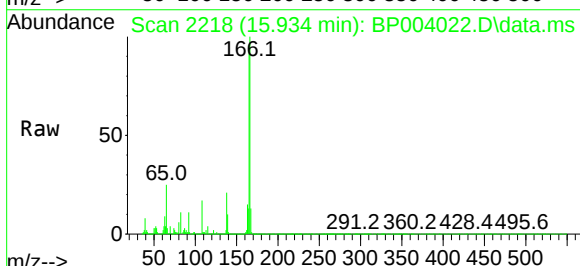
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

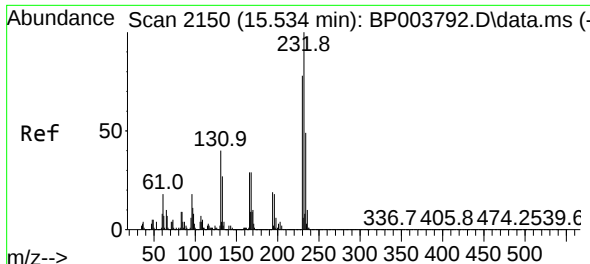
Tgt Ion:	165	Resp:	361142
Ion Ratio	Lower	Upper	
165	100		
63	42.5	20.6	31.0#
89	66.5	42.6	63.8#
182	3.1	2.4	3.6



#58
Fluorene
Concen: 50.77 ng
RT: 15.934 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:	166	Resp:	1108660
Ion Ratio	Lower	Upper	
166	100		
165	95.9	77.8	116.8
167	13.2	11.0	16.4

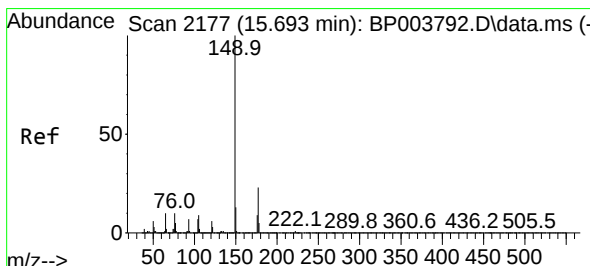
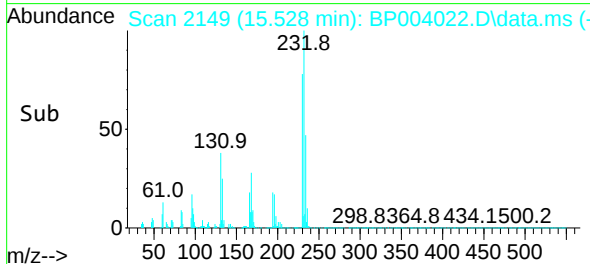
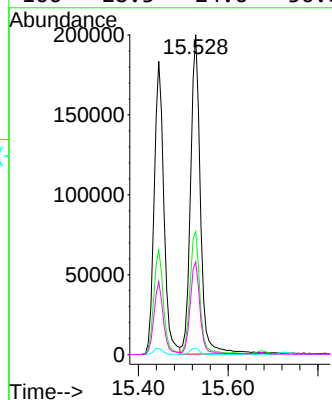
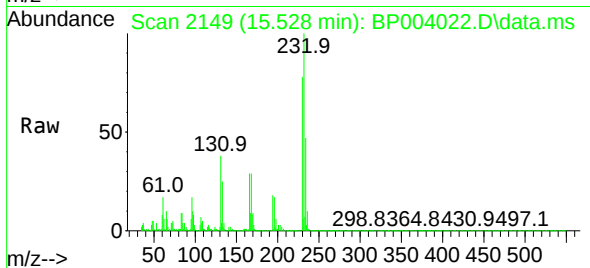




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.35 ng
RT: 15.528 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

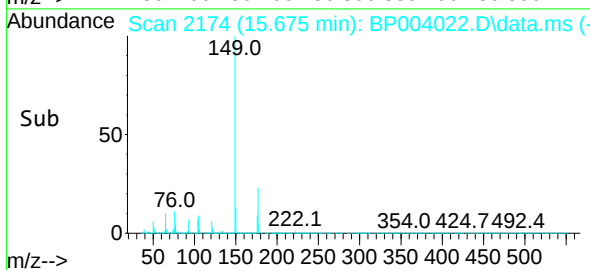
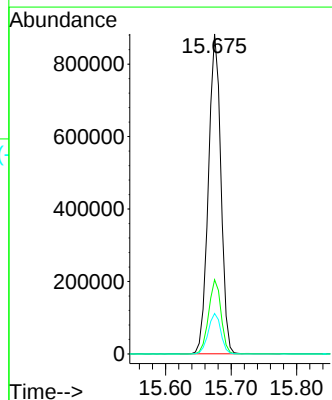
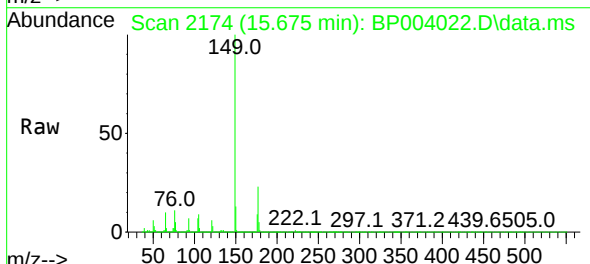
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

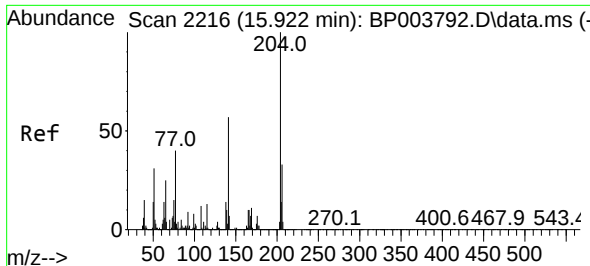
Tgt Ion:232 Resp: 305208
Ion Ratio Lower Upper
232 100
131 37.7 34.1 51.1
130 1.9 1.8 2.8
166 28.3 24.6 36.8



#60
Diethylphthalate
Concen: 51.84 ng
RT: 15.675 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:149 Resp: 1169026
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.7 10.0 15.0

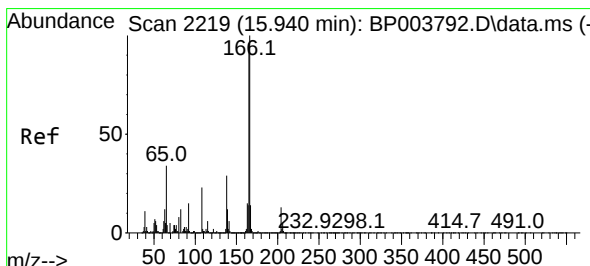
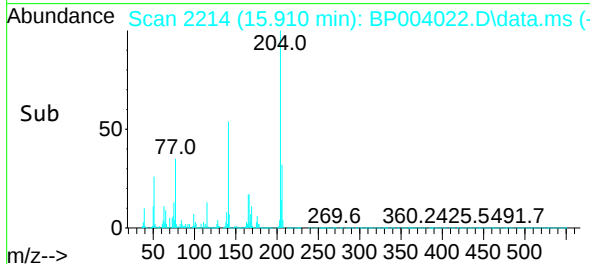
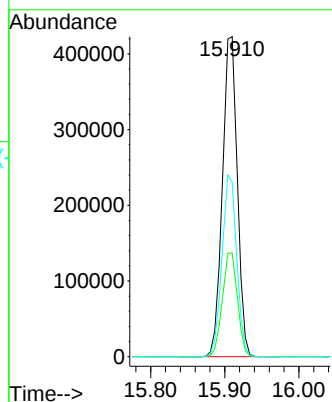
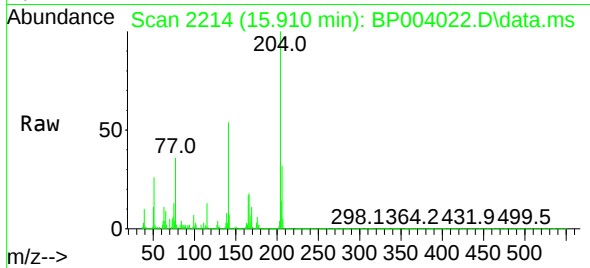




#61
4-Chlorophenyl-phenylether
Concen: 49.46 ng
RT: 15.910 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

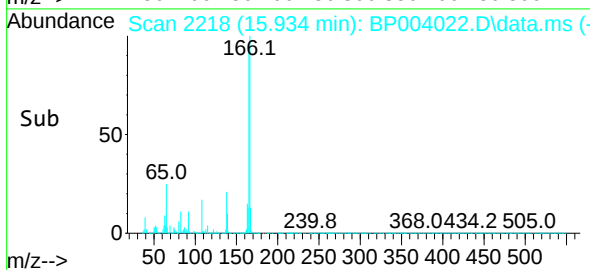
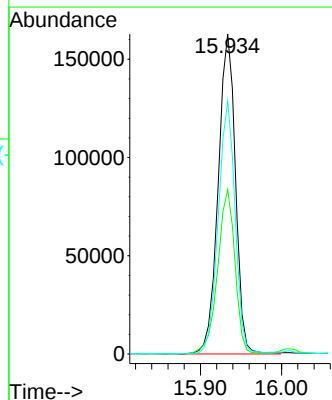
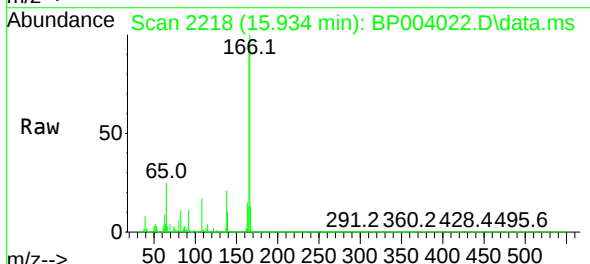
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

Tgt Ion:204 Resp: 590288
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 54.5 46.5 69.7



#62
4-Nitroaniline
Concen: 44.24 ng
RT: 15.934 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

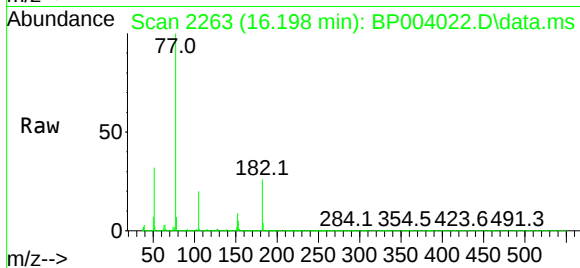
Tgt Ion:138 Resp: 241212
Ion Ratio Lower Upper
138 100
92 51.4 20.7 60.7
108 79.1 47.8 87.8



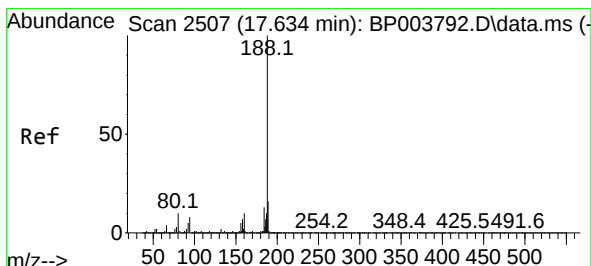
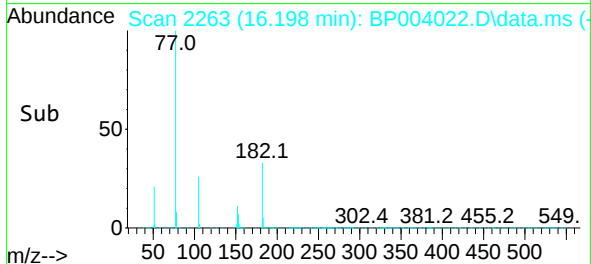
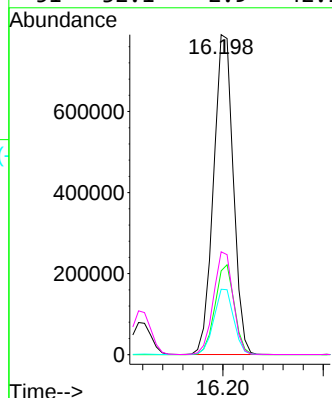


#63
Azobenzene
Concen: 50.65 ng
RT: 16.198 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

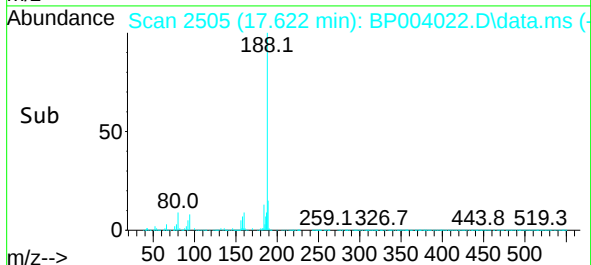
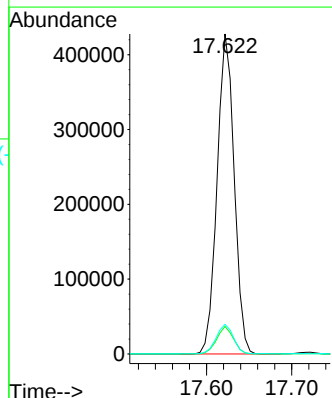
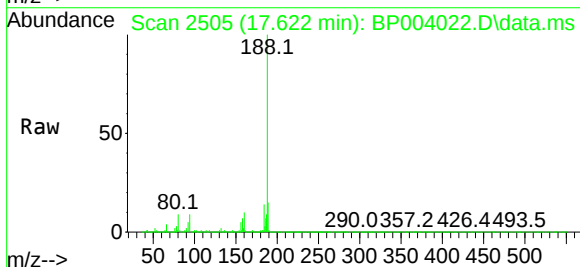


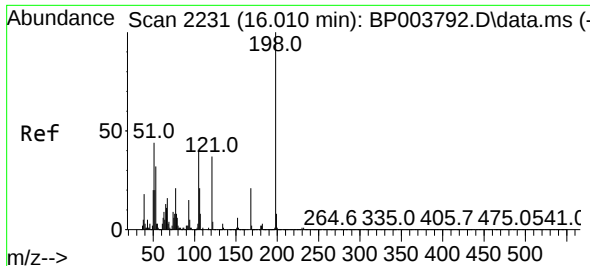
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	16.9	56.9
105	20.4	5.6	45.6
51	32.1	2.9	42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.2	9.2
80	9.2	6.2	9.2

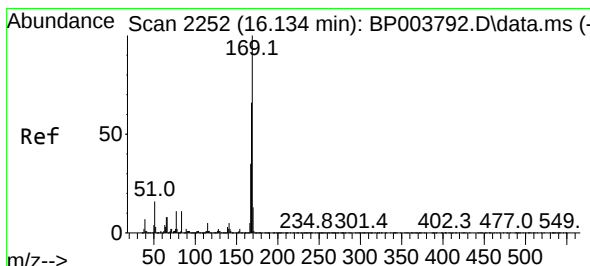
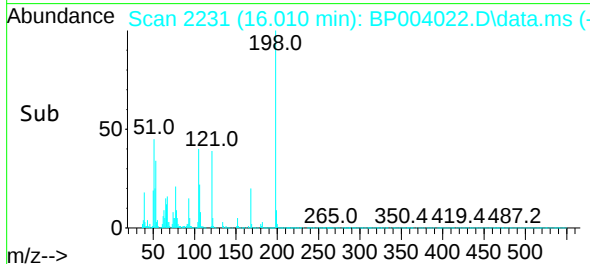
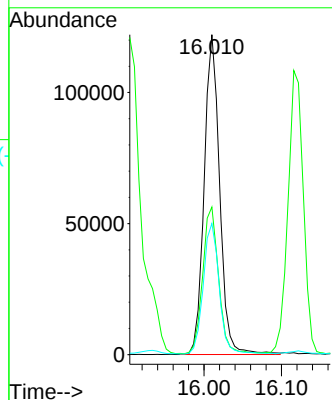
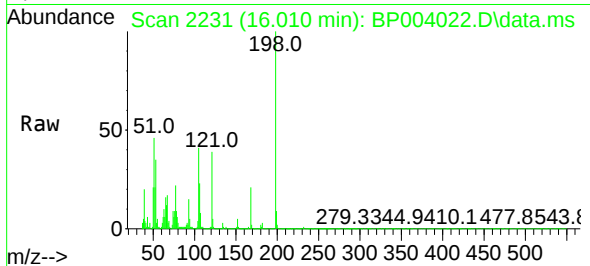




#65
4,6-Dinitro-2-methylphenol
Concen: 52.35 ng
RT: 16.010 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

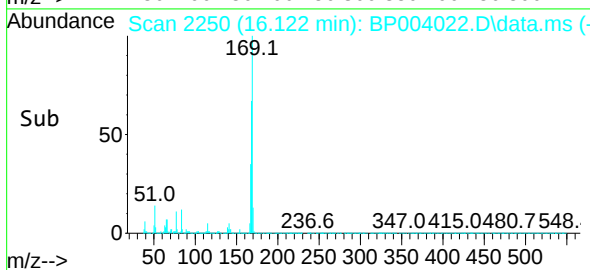
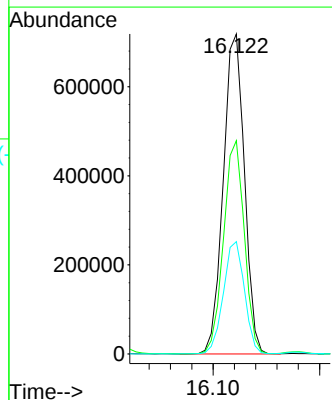
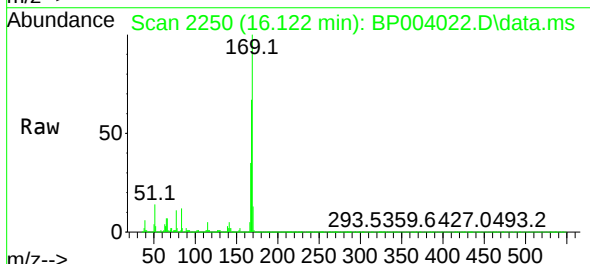
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

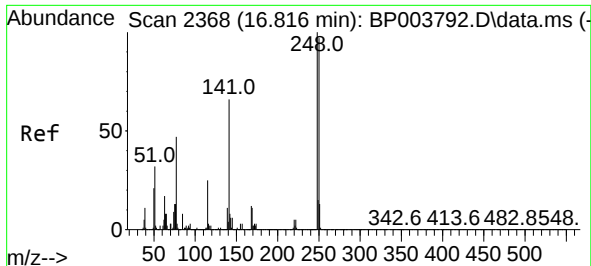
Tgt Ion:198 Resp: 170035
Ion Ratio Lower Upper
198 100
51 46.2 6.4 46.4
105 41.0 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 54.27 ng
RT: 16.122 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:169 Resp: 989602
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 35.1 28.9 43.3

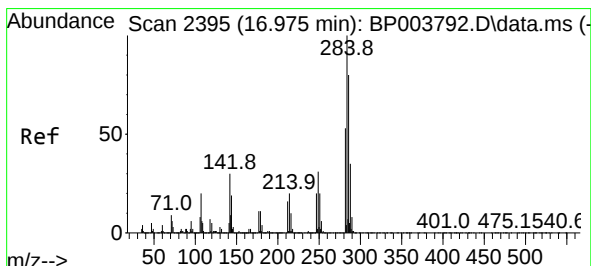
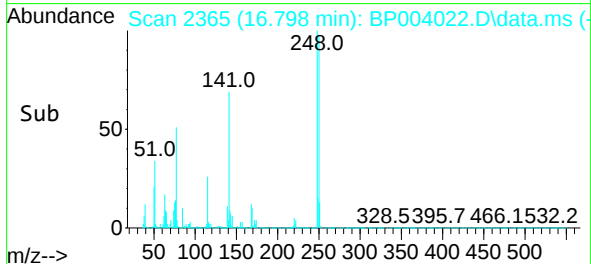
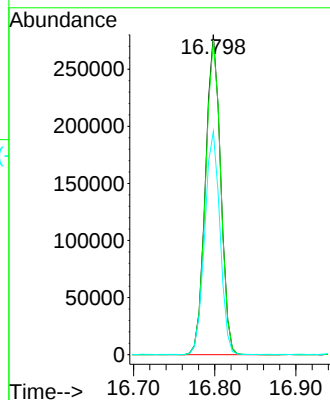
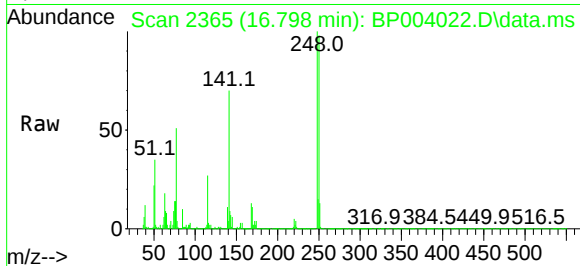




#67
4-Bromophenyl-phenylether
Concen: 51.86 ng
RT: 16.798 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

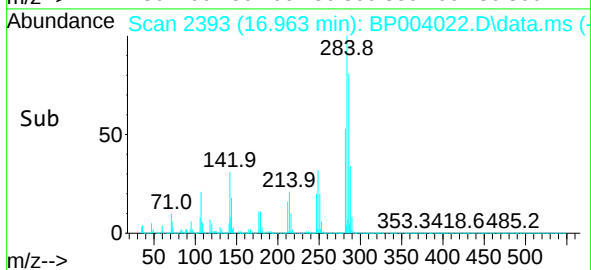
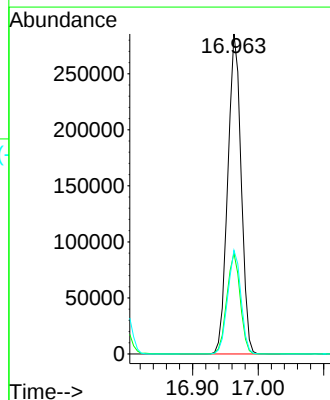
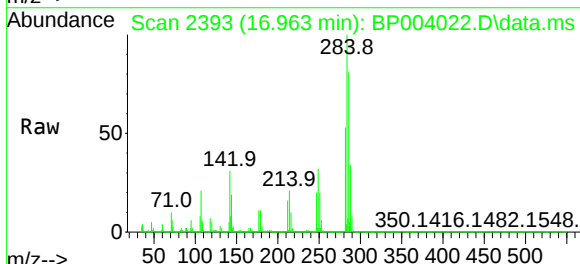
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

Tgt Ion:248 Resp: 361434
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 69.7 53.0 79.6



#68
Hexachlorobenzene
Concen: 50.69 ng
RT: 16.963 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:284 Resp: 403132
Ion Ratio Lower Upper
284 100
142 31.5 24.2 36.4
249 32.4 23.8 35.8

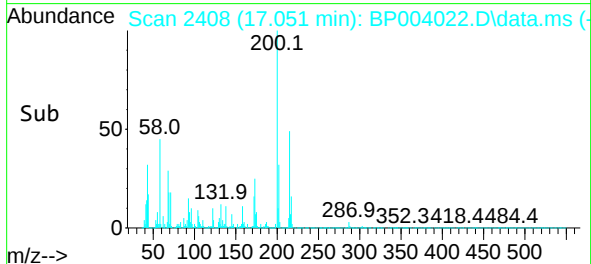
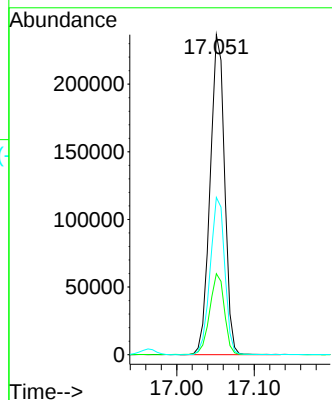
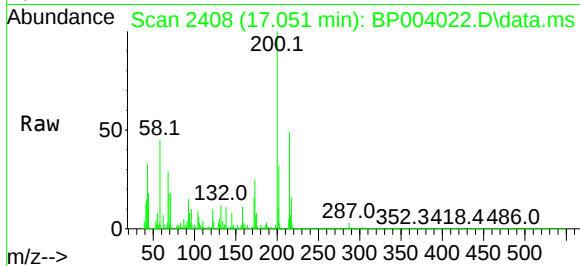




#69
Atrazine
Concen: 51.30 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

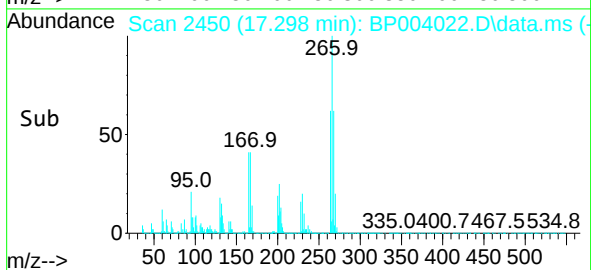
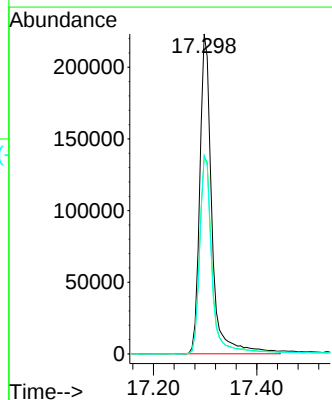
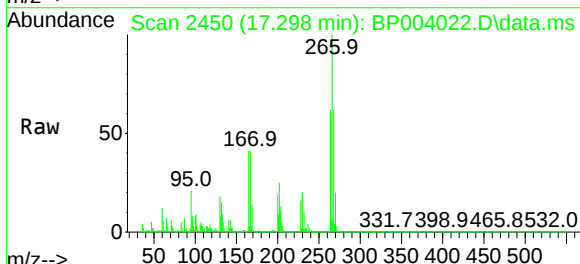
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

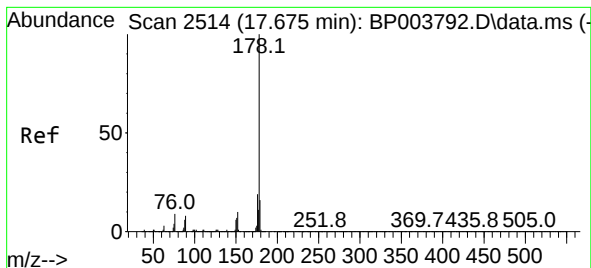
Tgt Ion:200 Resp: 307107
Ion Ratio Lower Upper
200 100
173 25.3 5.9 45.9
215 49.2 28.4 68.4



#70
Pentachlorophenol
Concen: 95.11 ng
RT: 17.298 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:266 Resp: 361817
Ion Ratio Lower Upper
266 100
268 61.9 51.1 76.7
264 62.0 50.6 76.0

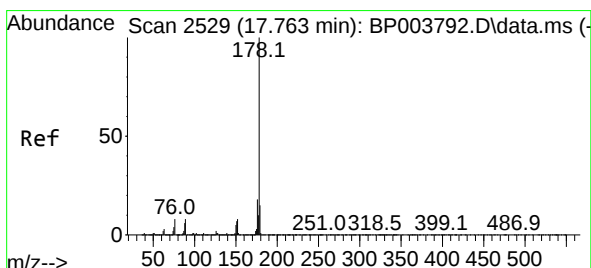
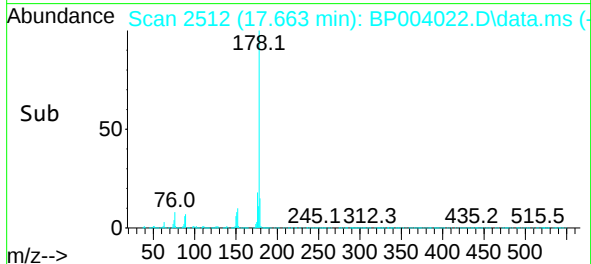
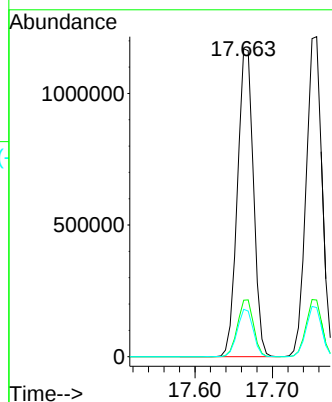
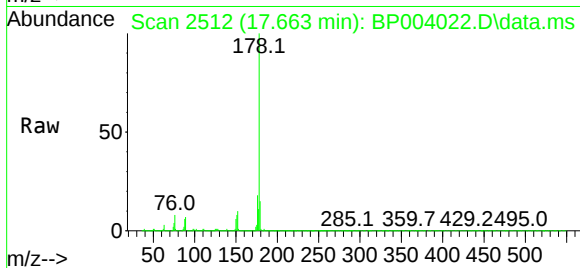




#71
Phenanthrene
Concen: 50.33 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

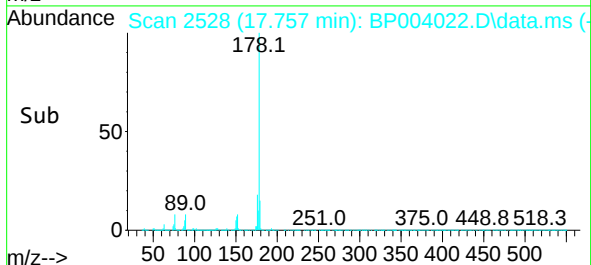
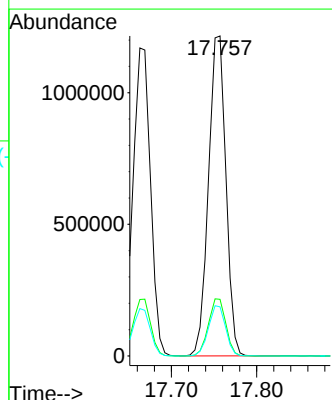
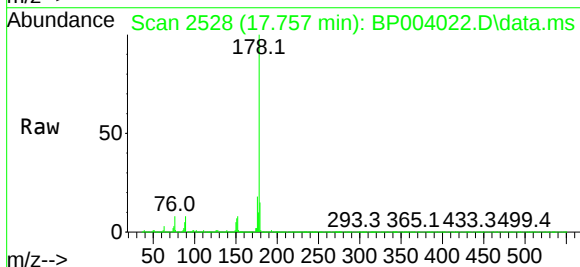
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

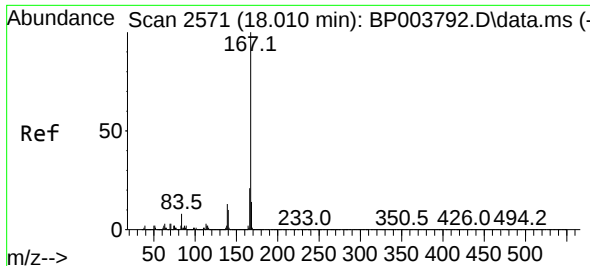
Tgt Ion:178 Resp: 1682492
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 53.42 ng
RT: 17.757 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:178 Resp: 1724854
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 15.3 12.5 18.7

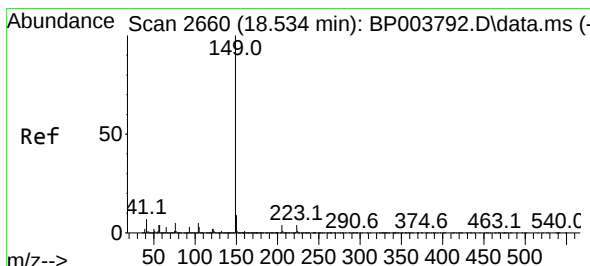
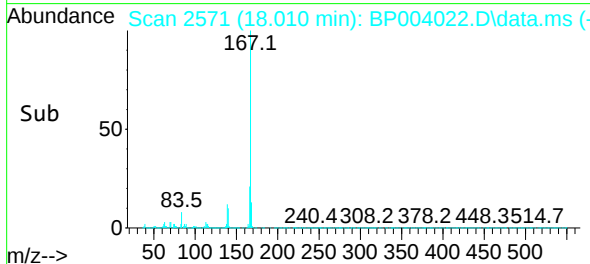
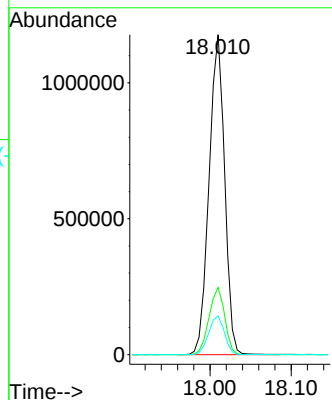
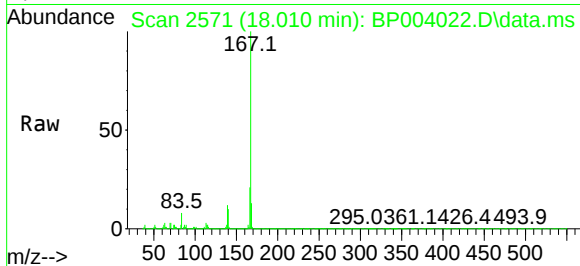




#73
 Carbazole
 Concen: 52.19 ng
 RT: 18.010 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP004022.D
 Acq: 20 Nov 2020 13:33

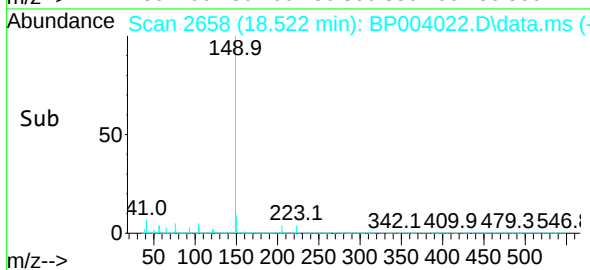
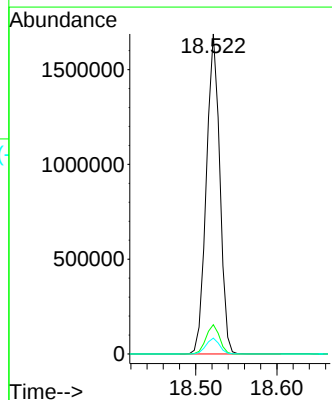
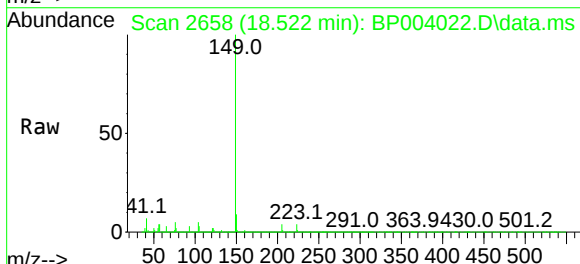
Instrument :
 BNA_P
 ClientSampleId :
 ND-SOILMSD

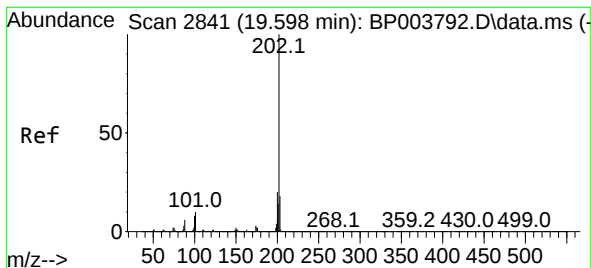
Tgt Ion:167 Resp: 1563363
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 12.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 55.70 ng
 RT: 18.522 min Scan# 2658
 Delta R.T. 0.000 min
 Lab File: BP004022.D
 Acq: 20 Nov 2020 13:33

Tgt Ion:149 Resp: 1931501
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.9 3.4 5.0

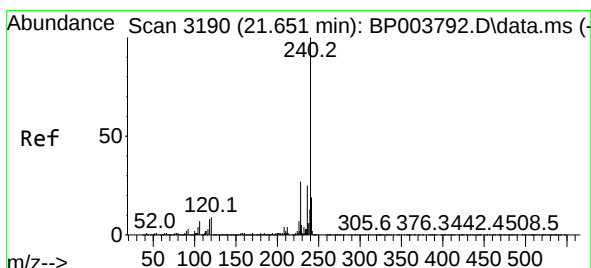
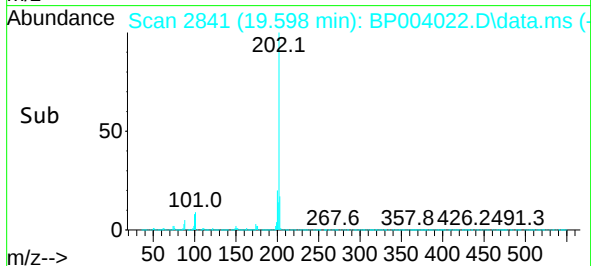
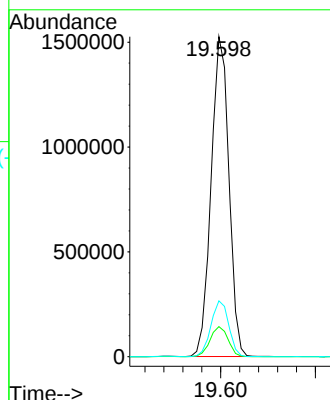
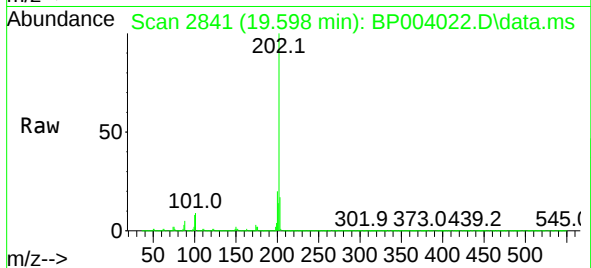




#75
Fluoranthene
Concen: 51.47 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

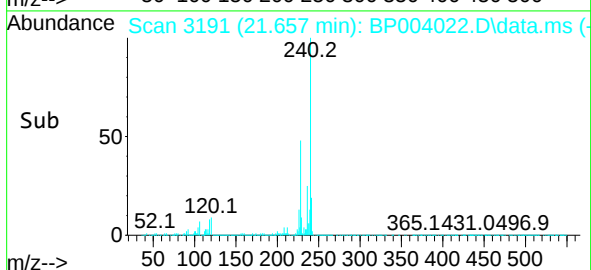
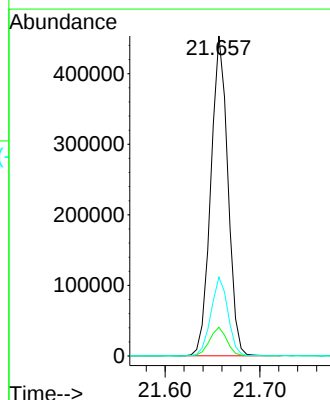
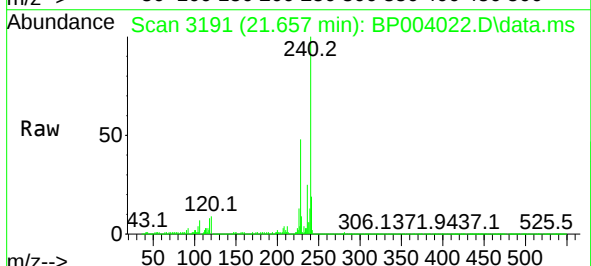
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

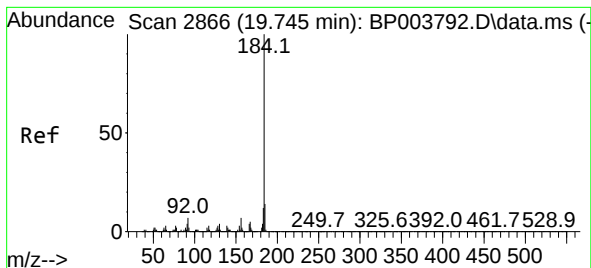
Tgt Ion:202 Resp: 1985538
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:240 Resp: 564420
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 24.6 20.8 31.2





#77

Benzidine

Concen: 18.93 ng

RT: 19.745 min Scan# 2866

Delta R.T. 0.000 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

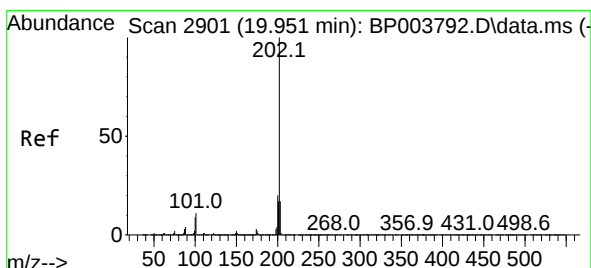
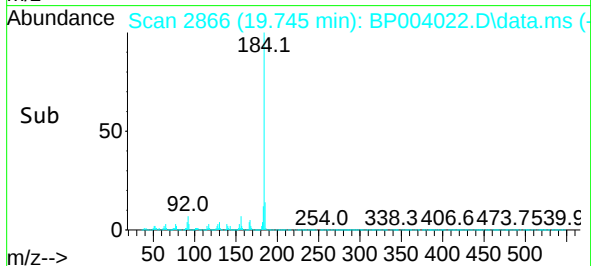
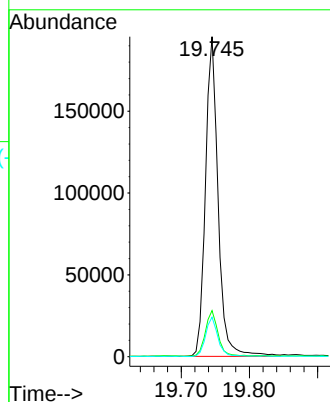
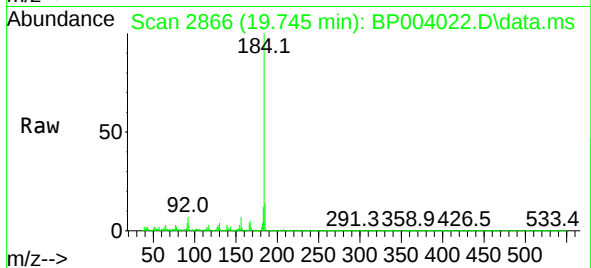
Tgt Ion:184 Resp: 252065

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 12.4 9.6 14.4



#78

Pyrene

Concen: 53.06 ng

RT: 19.951 min Scan# 2901

Delta R.T. 0.000 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

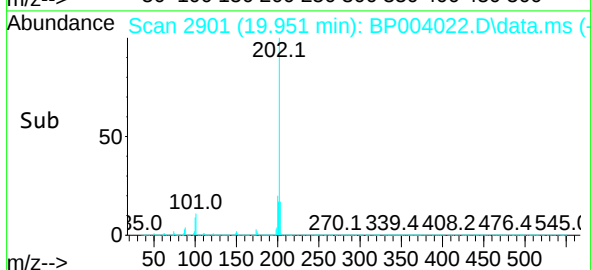
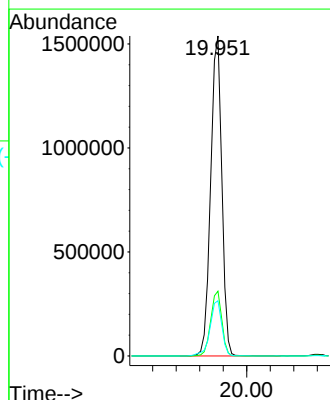
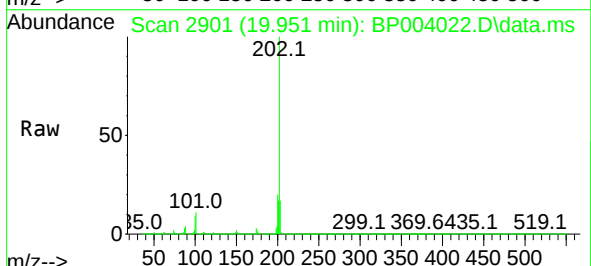
Tgt Ion:202 Resp: 2032429

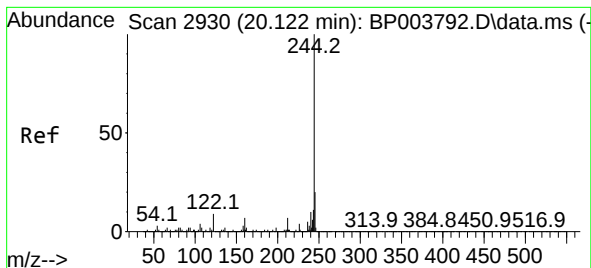
Ion Ratio Lower Upper

202 100

200 20.3 17.1 25.7

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 98.36 ng

RT: 20.122 min Scan# 2930

Delta R.T. 0.000 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

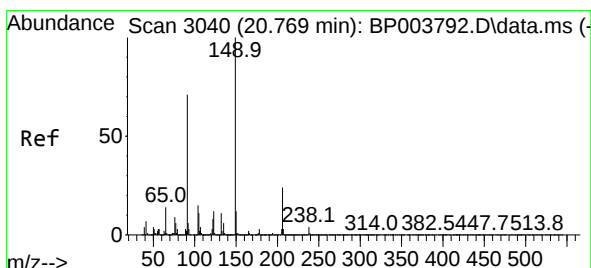
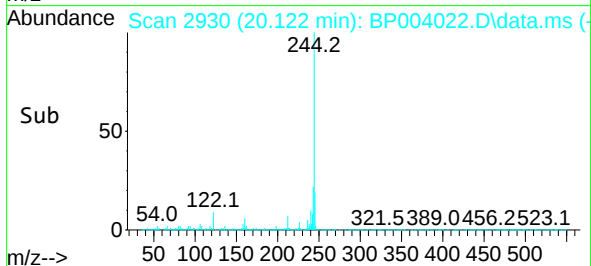
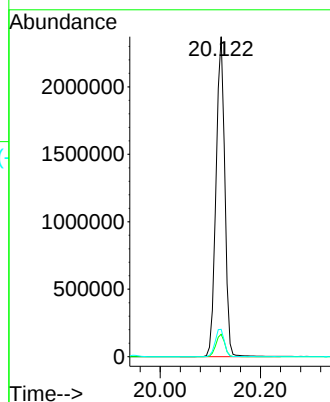
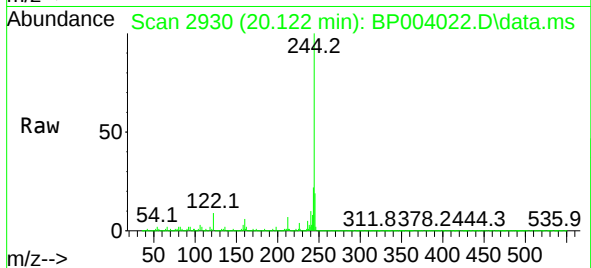
Tgt Ion:244 Resp: 2873658

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.5 7.8 11.8



#80

Butylbenzylphthalate

Concen: 60.92 ng

RT: 20.763 min Scan# 3039

Delta R.T. -0.006 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

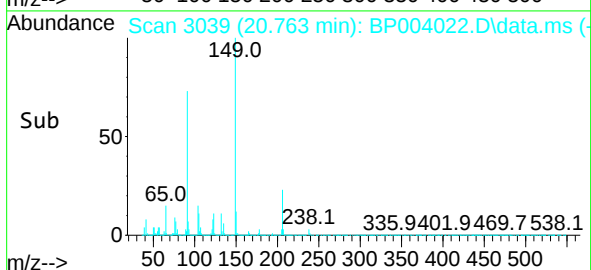
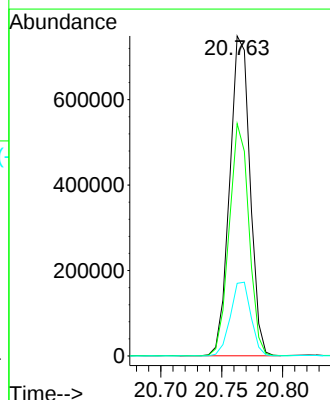
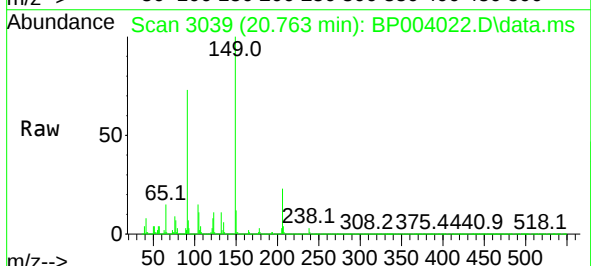
Tgt Ion:149 Resp: 869498

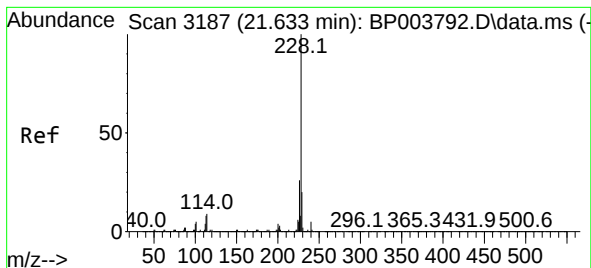
Ion Ratio Lower Upper

149 100

91 72.6 45.4 68.0#

206 22.7 17.1 25.7

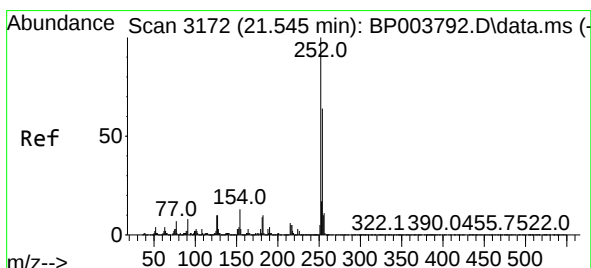
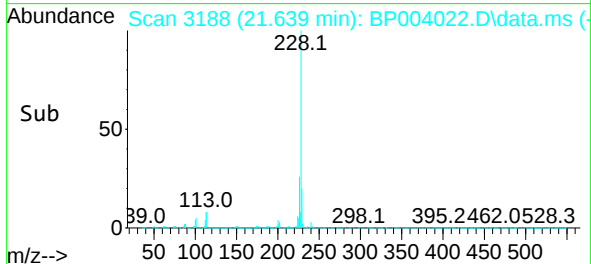
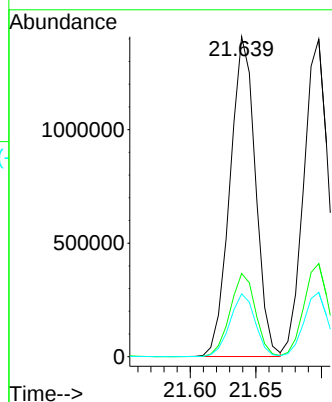
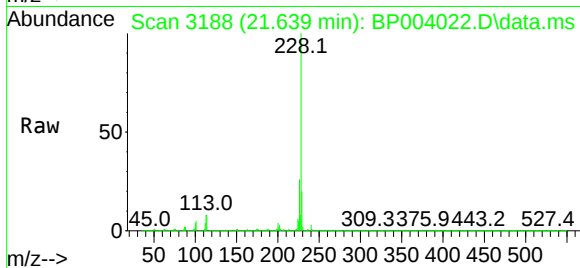




#81
Benzo(a)anthracene
Concen: 51.18 ng
RT: 21.639 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

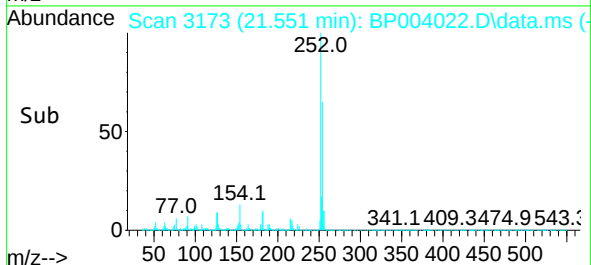
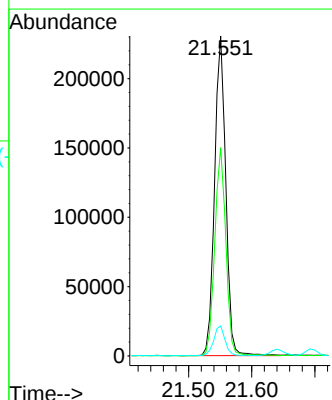
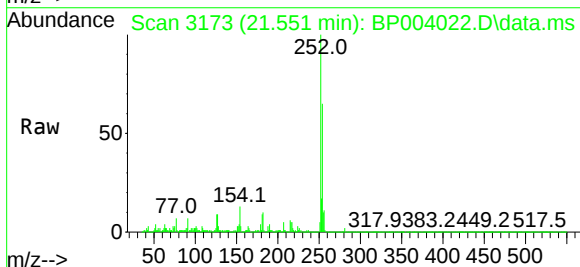
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

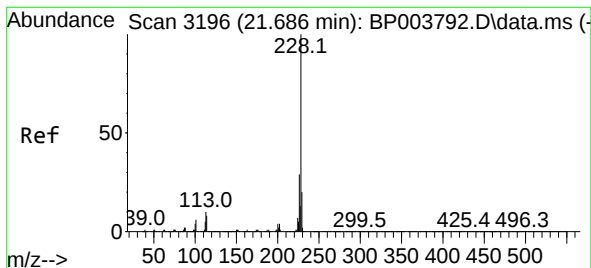
Tgt Ion:228 Resp: 1904915
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 22.05 ng
RT: 21.551 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:252 Resp: 283071
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 9.4 7.9 11.9





#83

Chrysene

Concen: 50.58 ng

RT: 21.698 min Scan# 3198

Delta R.T. 0.000 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

Instrument :

BNA_P

ClientSampleId :

ND-SOILMSD

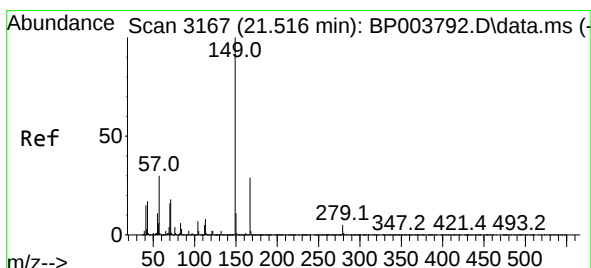
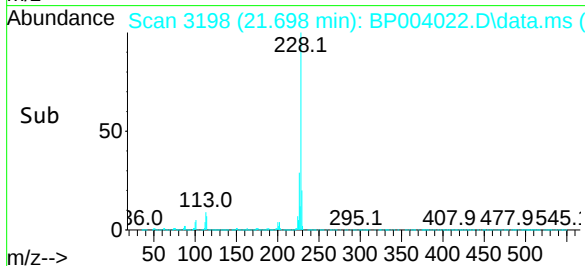
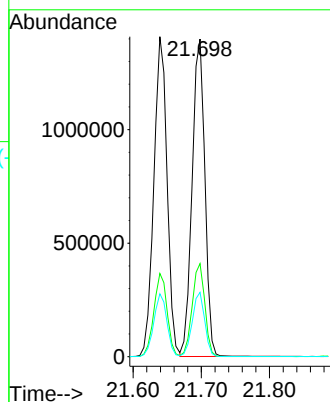
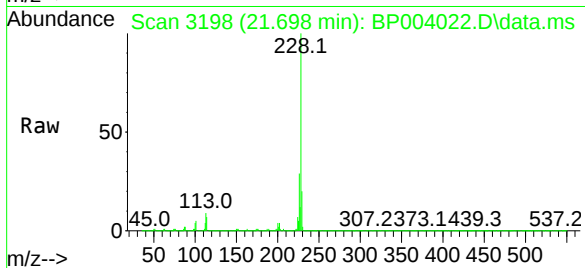
Tgt Ion:228 Resp: 1809012

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 20.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.04 ng

RT: 21.516 min Scan# 3167

Delta R.T. 0.000 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

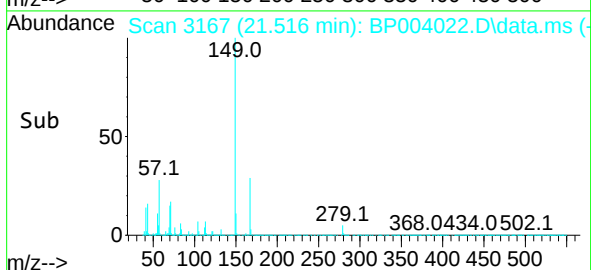
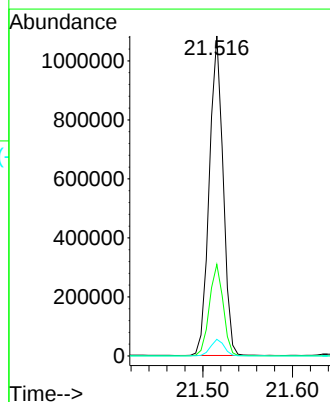
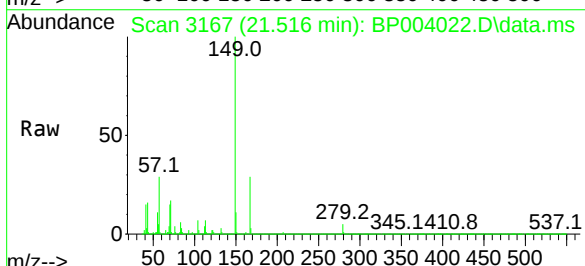
Tgt Ion:149 Resp: 1157817

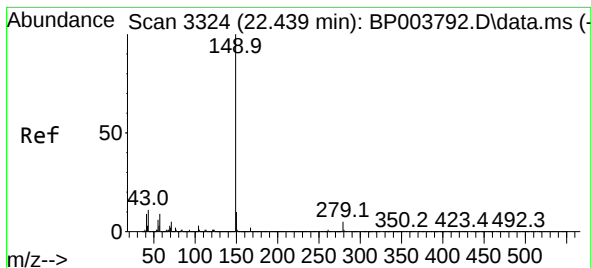
Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

279 5.2 4.2 6.2

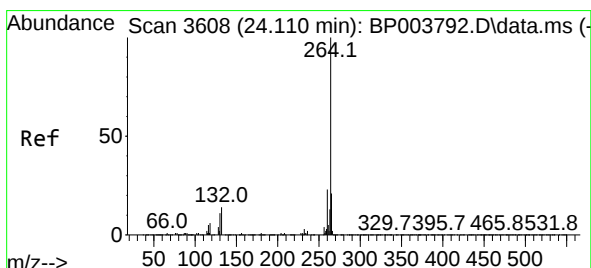
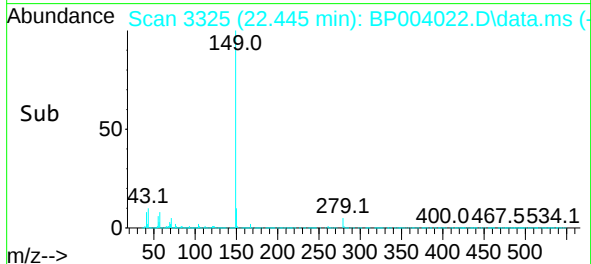
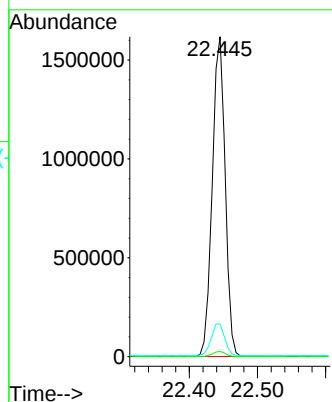
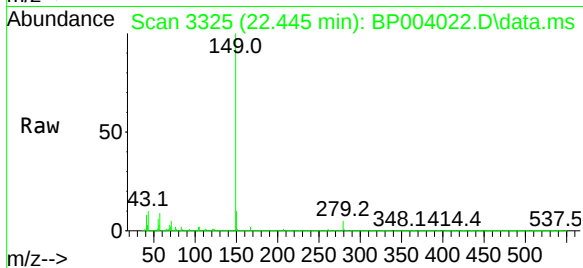




#85
Di-n-octyl phthalate
Concen: 60.74 ng
RT: 22.445 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

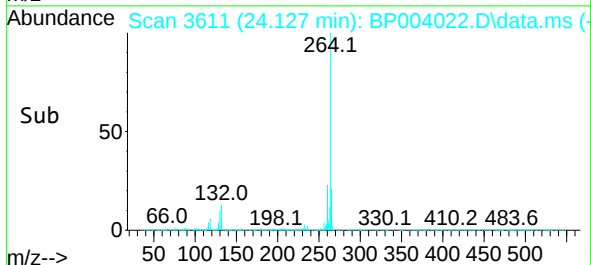
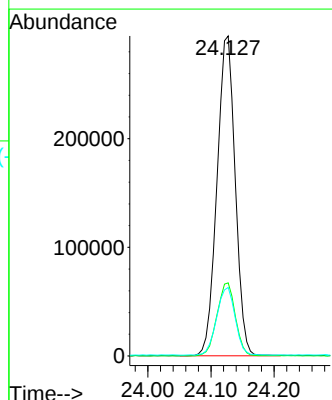
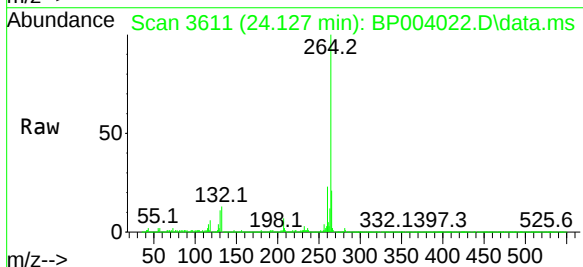
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

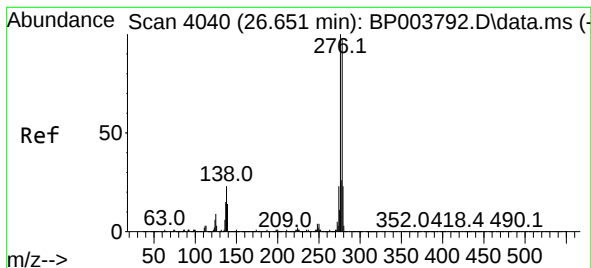
Tgt Ion:149 Resp: 2128865
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.3 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:264 Resp: 590548
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.01 ng

RT: 26.686 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

Instrument :

BNA_P

ClientSampleId :

ND-SOILMSD

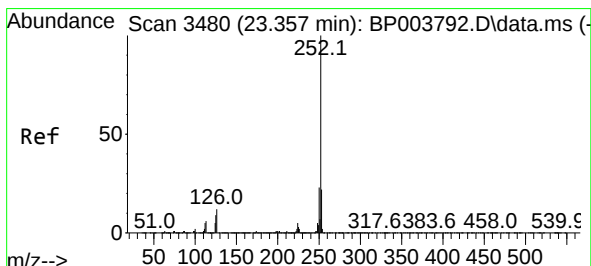
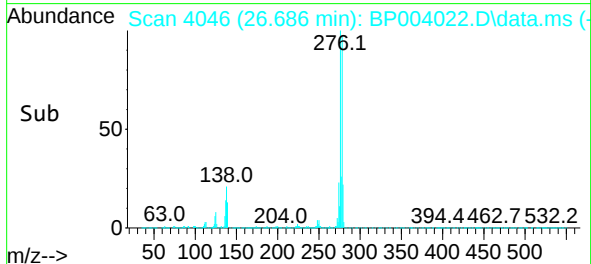
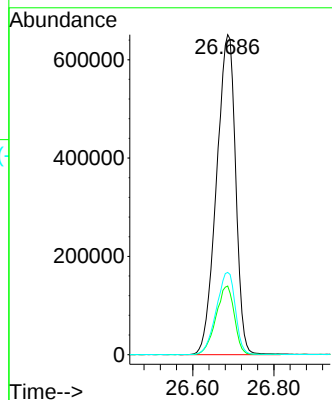
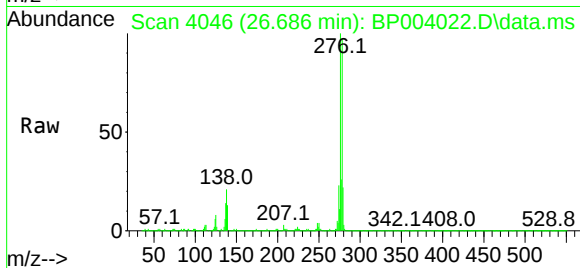
Tgt Ion:276 Resp: 2130327

Ion Ratio Lower Upper

276 100

138 20.7 18.7 28.1

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.52 ng

RT: 23.380 min Scan# 3484

Delta R.T. 0.006 min

Lab File: BP004022.D

Acq: 20 Nov 2020 13:33

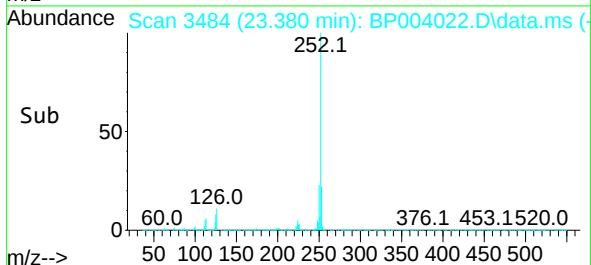
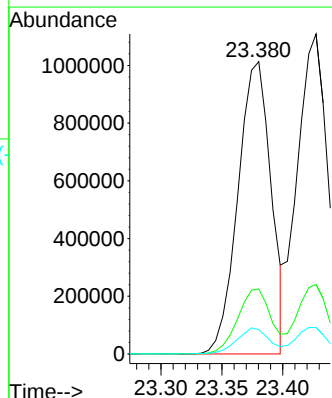
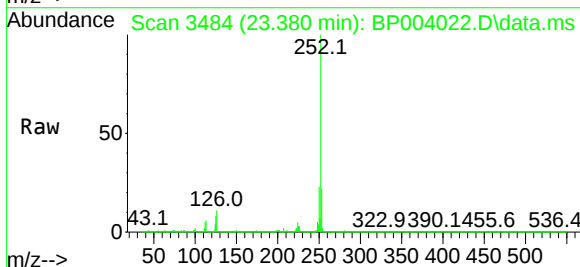
Tgt Ion:252 Resp: 1913917

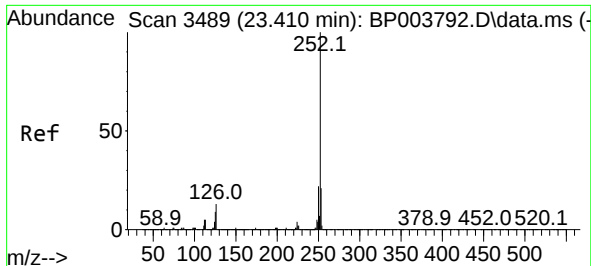
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.3 7.3 10.9

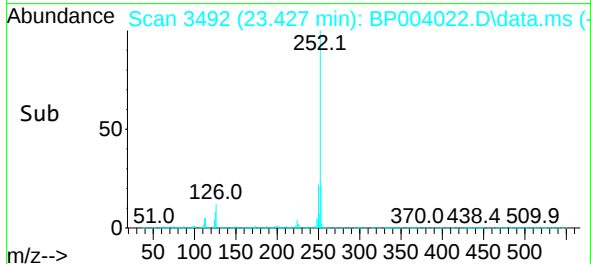
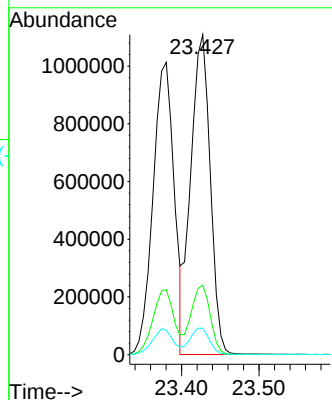
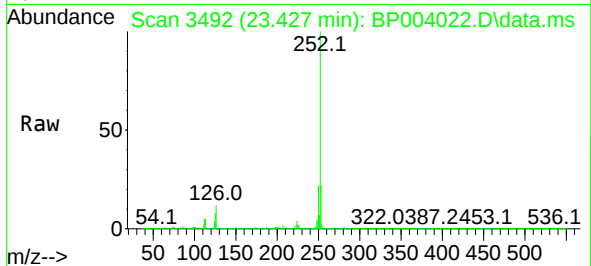




#89
Benzo(k)fluoranthene
Concen: 50.69 ng
RT: 23.427 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

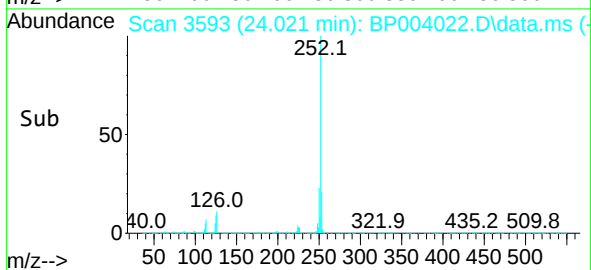
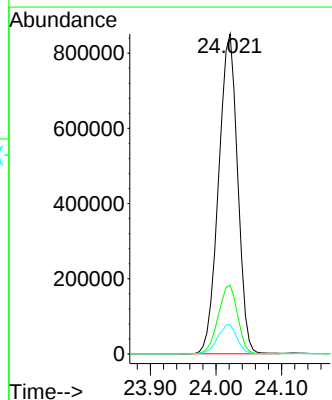
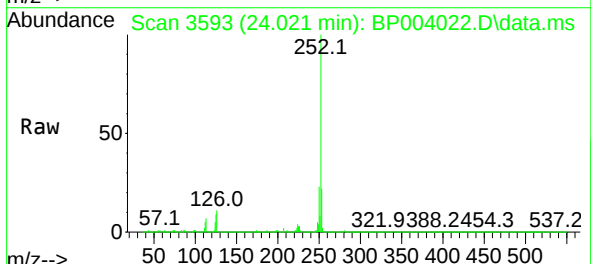
Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

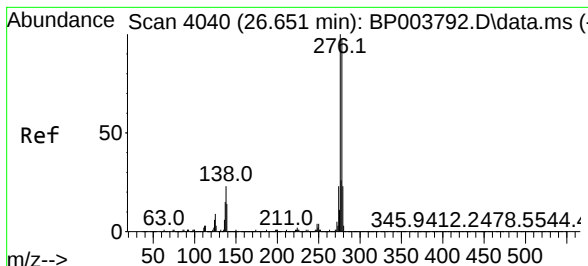
Tgt Ion:252 Resp: 1934231
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.78 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.006 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:252 Resp: 1709260
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.2 8.2 12.4

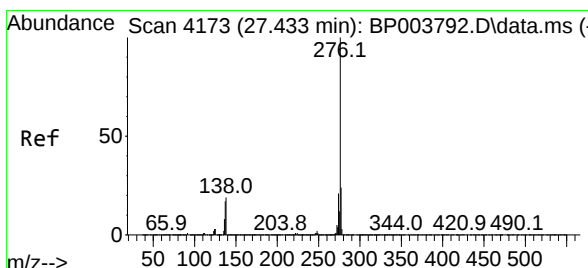
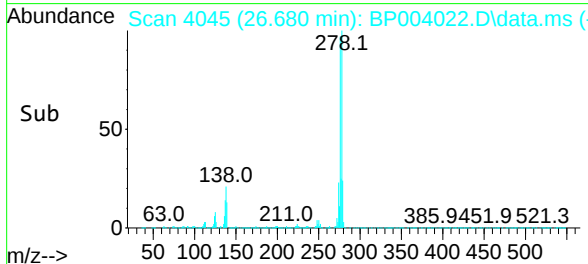
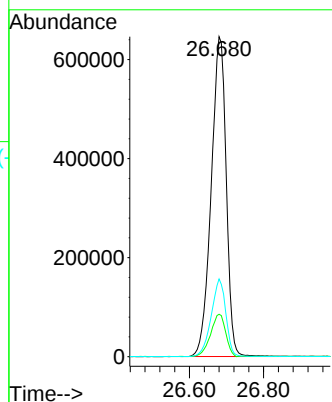
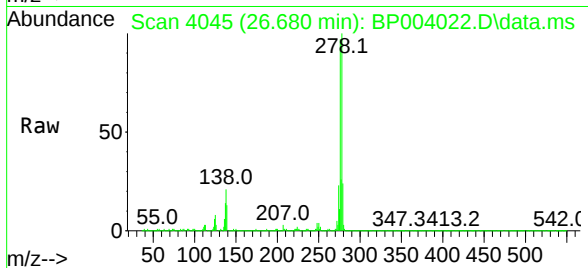




#91
Dibenzo(a,h)anthracene
Concen: 51.17 ng
RT: 26.680 min Scan# 4045
Delta R.T. 0.000 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Instrument :
BNA_P
ClientSampleId :
ND-SOILMSD

Tgt Ion:278 Resp: 1816942
Ion Ratio Lower Upper
278 100
139 13.2 12.4 18.6
279 24.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 52.54 ng
RT: 27.480 min Scan# 4181
Delta R.T. 0.012 min
Lab File: BP004022.D
Acq: 20 Nov 2020 13:33

Tgt Ion:276 Resp: 1805907
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 17.6 16.6 24.8

