

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100120\
 Data File : BP003444.D
 Acq On : 01 Oct 2020 18:46
 Operator : CG/JU
 Sample : L4194-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-SOILMSD

Quant Time: Oct 01 19:25:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 10:05:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	104828	20.00	ng	0.00
21) Naphthalene-d8	10.305	136	429570	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	267625	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	571309	20.00	ng	# 0.00
76) Chrysene-d12	21.057	240	541092	20.00	ng	0.00
86) Perylene-d12	23.239	264	522472	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	650067	108.28	ng	0.00
7) Phenol-d6	6.740	99	843106	105.36	ng	0.00
23) Nitrobenzene-d5	8.681	82	559229	76.48	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	320902	78.62	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1186625	64.85	ng	0.00
79) Terphenyl-d14	19.528	244	1609558	61.98	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	102412	41.51	ng	99
3) Pyridine	3.428	79	276810	42.14	ng	92
4) n-Nitrosodimethylamine	3.352	42	93805	47.74	ng	99
6) Aniline	6.864	93	307002	33.41	ng	93
8) 2-Chlorophenol	7.105	128	316310	47.31	ng	89
9) Benzaldehyde	6.675	77	81941	18.36	ng	85
10) Phenol	6.764	94	416318	54.47	ng	89
11) bis(2-Chloroethyl)ether	6.964	93	293159	48.40	ng	95
12) 1,3-Dichlorobenzene	7.416	146	330491	41.34	ng	# 93
13) 1,4-Dichlorobenzene	7.563	146	333061	41.19	ng	# 95
14) 1,2-Dichlorobenzene	7.875	146	317760	40.94	ng	96
15) Benzyl Alcohol	7.781	79	288819	54.31	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.069	45	217583	49.40	ng	90
17) 2-Methylphenol	7.999	107	276261	49.99	ng	95
18) Hexachloroethane	8.593	117	127501	42.31	ng	94
19) n-Nitroso-di-n-propyla...	8.340	70	211065	49.23	ng	# 93
20) 3+4-Methylphenols	8.328	107	361743	49.18	ng	90
22) Acetophenone	8.352	105	447599	42.43	ng	# 94
24) Nitrobenzene	8.722	77	344732	47.12	ng	# 83
25) Isophorone	9.252	82	642508	47.95	ng	# 92
26) 2-Nitrophenol	9.434	139	174776	43.74	ng	# 79
27) 2,4-Dimethylphenol	9.516	122	301709	53.39	ng	91
28) bis(2-Chloroethoxy)met...	9.734	93	396751	44.48	ng	98
29) 2,4-Dichlorophenol	9.987	162	304999	43.19	ng	95
30) 1,2,4-Trichlorobenzene	10.181	180	308317	36.80	ng	99
31) Naphthalene	10.357	128	933787	41.15	ng	99
32) Benzoic acid	9.740	122	150607	39.29	ng	# 80
33) 4-Chloroaniline	10.481	127	126667	13.14	ng	# 92
34) Hexachlorobutadiene	10.652	225	194990	34.10	ng	99
35) Caprolactam	11.263	113	62544	26.54	ng	88
36) 4-Chloro-3-methylphenol	11.646	107	351287	46.14	ng	87
37) 2-Methylnaphthalene	11.981	142	671847	40.87	ng	# 96
38) 1-Methylnaphthalene	11.981	142	671847	43.04	ng	96
40) 1,2,4,5-Tetrachloroben...	12.369	216	348568	39.78	ng	# 98
41) Hexachlorocyclopentadiene	12.346	237	171985	62.02	ng	100
43) 2,4,6-Trichlorophenol	12.622	196	233512	41.22	ng	99

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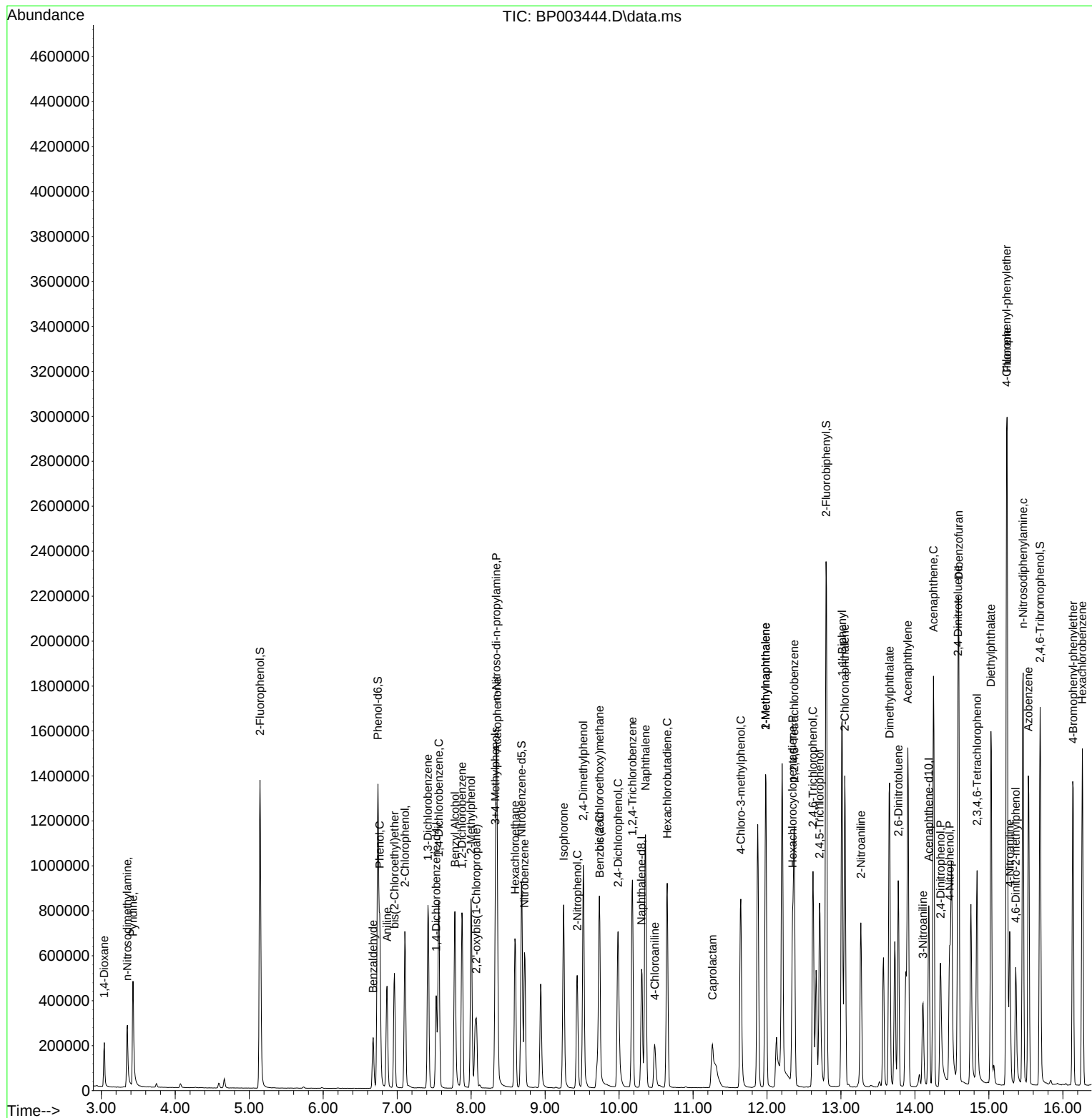
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.710	196	250412	42.97	ng	#	93
46) 1,1'-Biphenyl	13.016	154	855123	42.84	ng		98
47) 2-Chloronaphthalene	13.051	162	658661	39.85	ng		96
48) 2-Nitroaniline	13.269	65	198296	47.40	ng	#	73
49) Acenaphthylene	13.904	152	1062427	42.07	ng		99
50) Dimethylphthalate	13.657	163	972540	45.51	ng		99
51) 2,6-Dinitrotoluene	13.775	165	195001	42.57	ng	#	74
52) Acenaphthene	14.251	154	624209	40.61	ng		99
53) 3-Nitroaniline	14.110	138	106988	21.55	ng	#	79
54) 2,4-Dinitrophenol	14.345	184	174363	80.40	ng	#	81
55) Dibenzofuran	14.593	168	977910	39.86	ng		93
56) 4-Nitrophenol	14.469	139	244402	80.56	ng	#	65
57) 2,4-Dinitrotoluene	14.581	165	257862	40.59	ng	#	61
58) Fluorene	15.245	166	777721	40.14	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.840	232	210535	38.42	ng		98
60) Diethylphthalate	15.028	149	881526	40.44	ng		99
61) 4-Chlorophenyl-phenyle...	15.240	204	399885	37.81	ng		95
62) 4-Nitroaniline	15.281	138	203218	38.58	ng	#	71
63) Azobenzene	15.534	77	800500	48.17	ng		89
65) 4,6-Dinitro-2-methylph...	15.363	198	143047	47.45	ng		90
66) n-Nitrosodiphenylamine	15.463	169	712436	42.45	ng		100
67) 4-Bromophenyl-phenylether	16.140	248	262520	38.02	ng		95
68) Hexachlorobenzene	16.263	284	298188	36.35	ng		94
69) Atrazine	16.422	200	204674	31.09	ng		99
70) Pentachlorophenol	16.622	266	228877	66.26	ng		98
71) Phenanthrene	16.987	178	1261459	40.58	ng		99
72) Anthracene	17.081	178	1286313	41.99	ng		100
73) Carbazole	17.357	167	1185536	40.74	ng		99
74) Di-n-butylphthalate	17.922	149	1516140	40.76	ng	#	98
75) Fluoranthene	18.975	202	1504398	38.49	ng		99
77) Benzidine	19.157	184	640662	38.18	ng		99
78) Pyrene	19.328	202	1518176	44.99	ng		100
80) Butylbenzylphthalate	20.210	149	687452	44.53	ng	#	88
81) Benzo(a)anthracene	21.039	228	1444541	41.30	ng		100
82) 3,3'-Dichlorobenzidine	20.969	252	348328	25.77	ng		99
83) Chrysene	21.092	228	1400458	41.67	ng		100
84) Bis(2-ethylhexyl)phtha...	20.975	149	947246	43.58	ng		99
85) Di-n-octyl phthalate	21.827	149	1708807	43.03	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.468	276	1426002	36.01	ng		99
88) Benzo(b)fluoranthene	22.586	252	1520346	46.08	ng		100
89) Benzo(k)fluoranthene	22.627	252	1369190	43.30	ng		100
90) Benzo(a)pyrene	23.145	252	1289034	41.43	ng		100
91) Dibenzo(a,h)anthracene	25.468	278	1197699	36.65	ng		99
92) Benzo(g,h,i)perylene	26.145	276	1189219	36.45	ng		97

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

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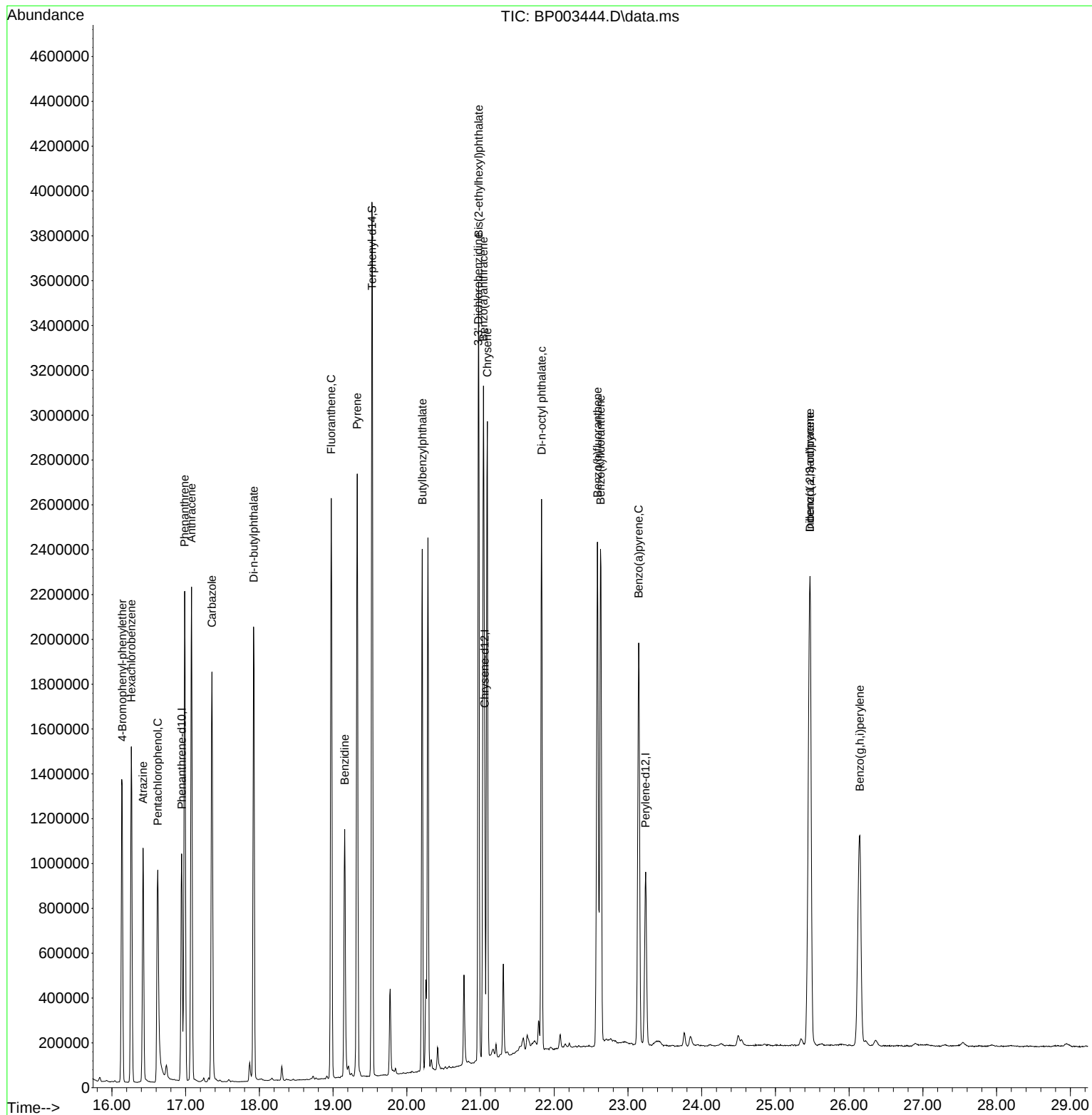
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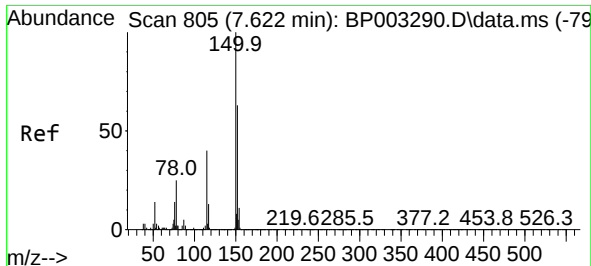


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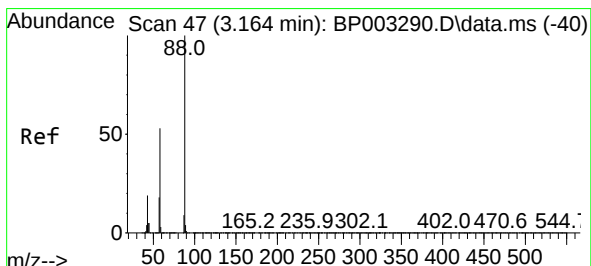
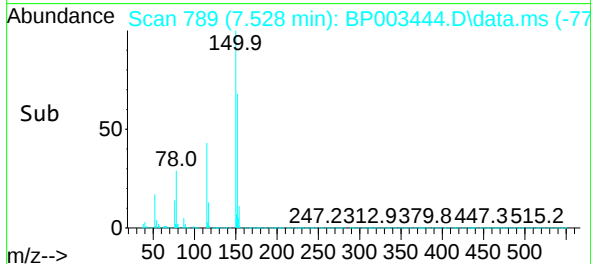
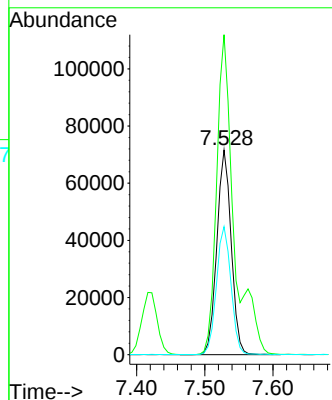
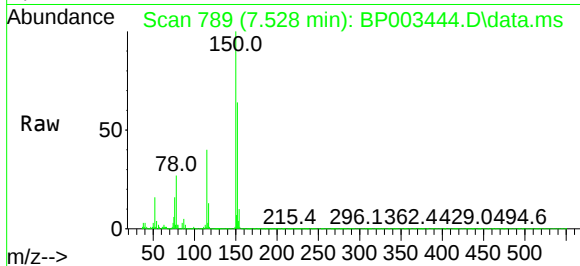




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. -0.006 min
Lab File: BP003444.D
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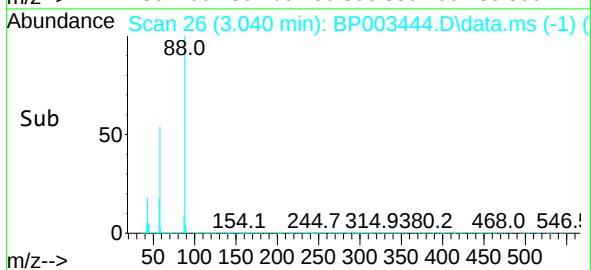
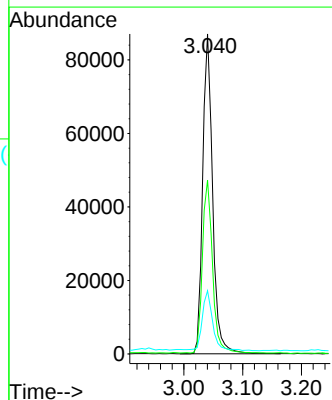
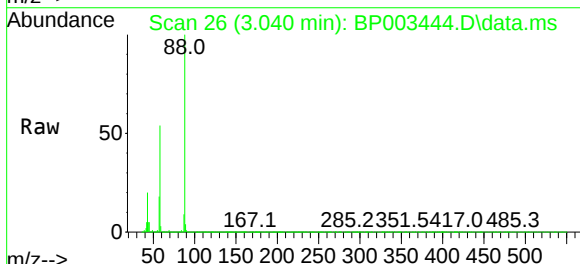
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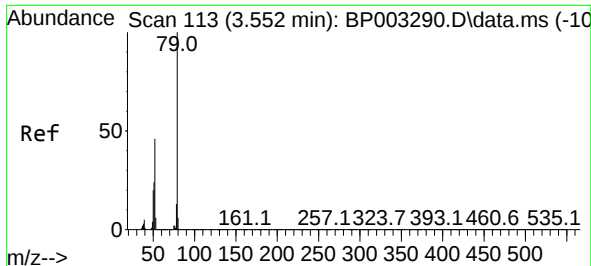
Tgt Ion:152 Resp: 104828
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 62.6 43.8 65.6



#2
1,4-Dioxane
Concen: 41.51 ng
RT: 3.040 min Scan# 26
Delta R.T. -0.018 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 88 Resp: 102412
Ion Ratio Lower Upper
88 100
58 55.2 44.2 66.4
43 19.9 15.2 22.8

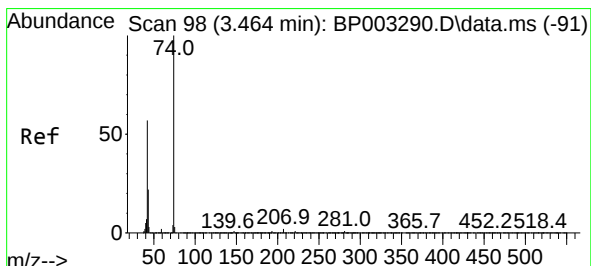
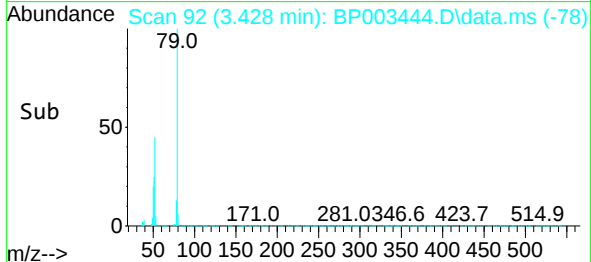
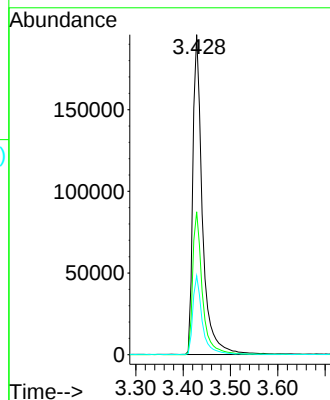
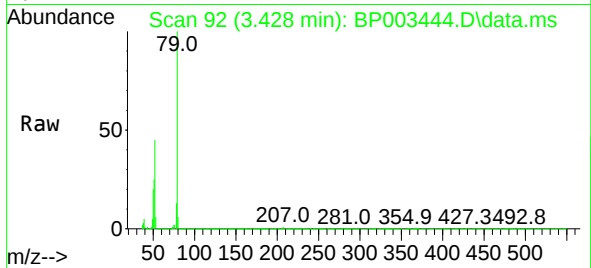




#3
Pyridine
Concen: 42.14 ng
RT: 3.428 min Scan# 92
Delta R.T. -0.018 min
Lab File: BP003444.D
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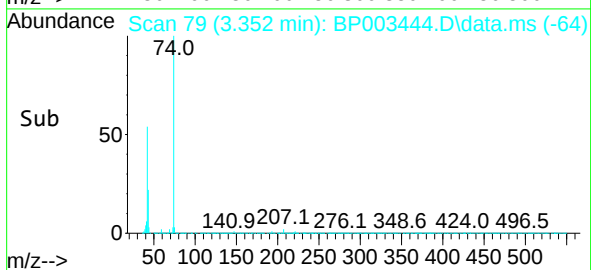
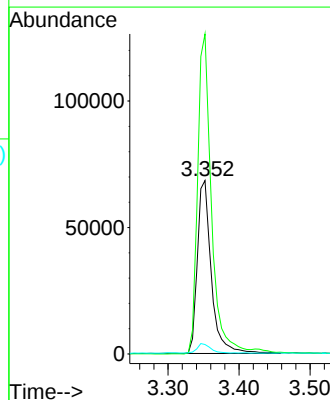
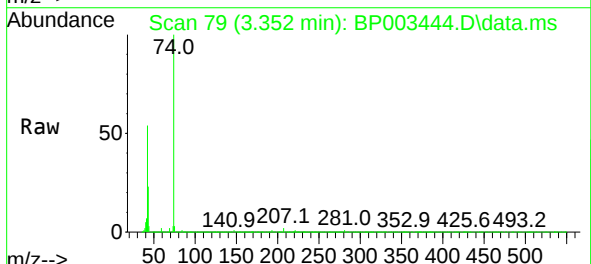
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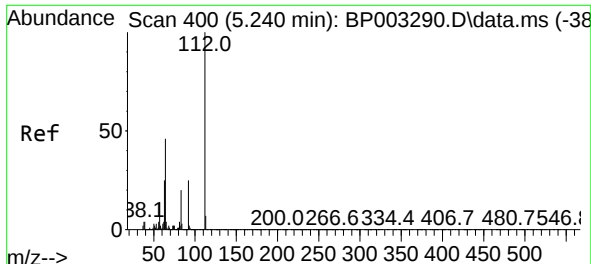
Tgt Ion: 79 Resp: 276810
Ion Ratio Lower Upper
79 100
52 44.6 41.3 61.9
51 24.6 21.2 31.8



#4
n-Nitrosodimethylamine
Concen: 47.74 ng
RT: 3.352 min Scan# 79
Delta R.T. -0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 42 Resp: 93805
Ion Ratio Lower Upper
42 100
74 184.5 148.6 223.0
44 5.5 5.3 7.9

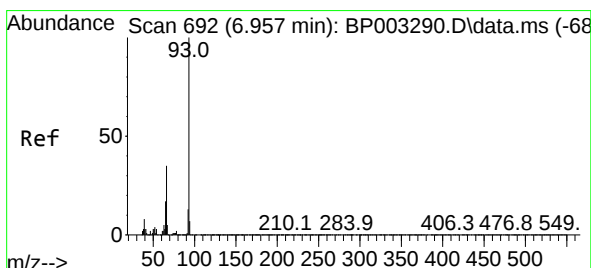
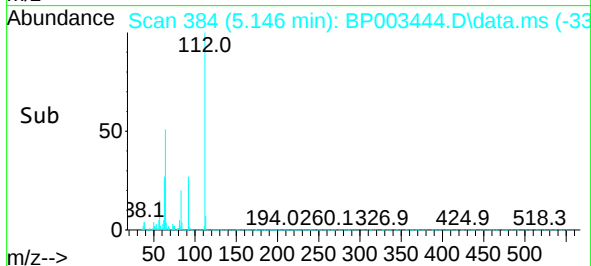
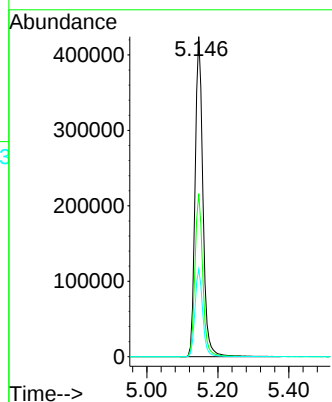
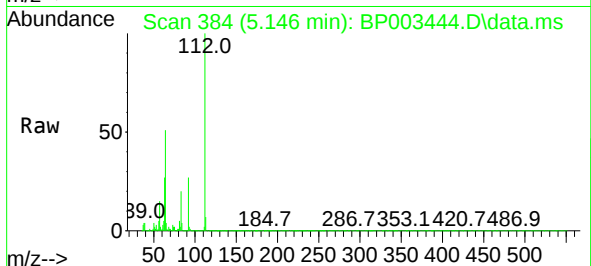




#5
2-Fluorophenol
Concen: 108.28 ng
RT: 5.146 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

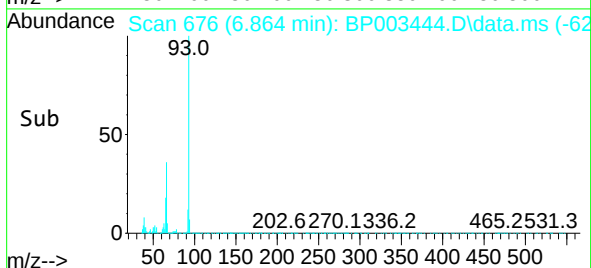
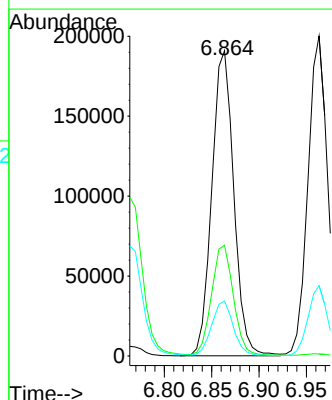
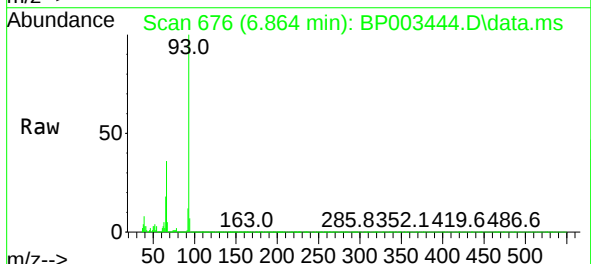
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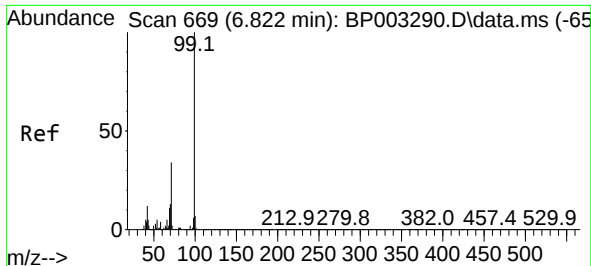
Tgt Ion:112 Resp: 650067
Ion Ratio Lower Upper
112 100
64 50.9 32.8 49.2#
63 27.3 17.0 25.4#



#6
Aniline
Concen: 33.41 ng
RT: 6.864 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP003444.D
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Tgt Ion: 93 Resp: 307002
Ion Ratio Lower Upper
93 100
66 36.3 25.4 38.0
65 18.0 12.5 18.7

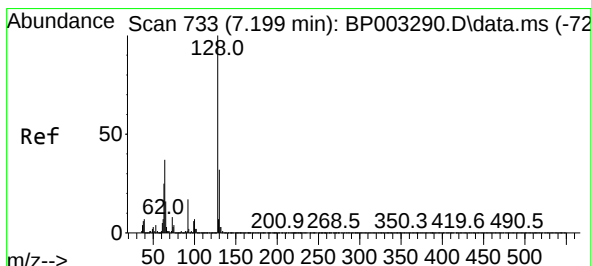
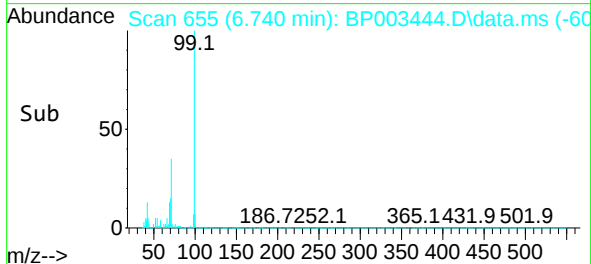
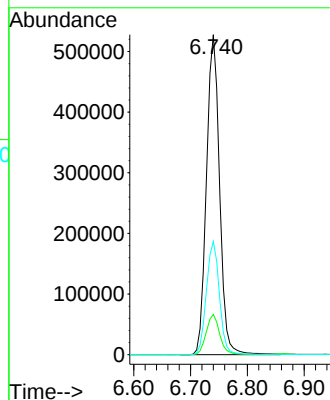
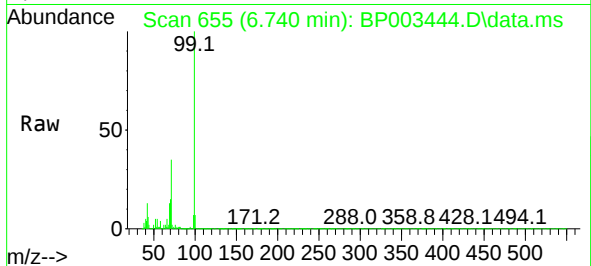




#7
Phenol-d6
Concen: 105.36 ng
RT: 6.740 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

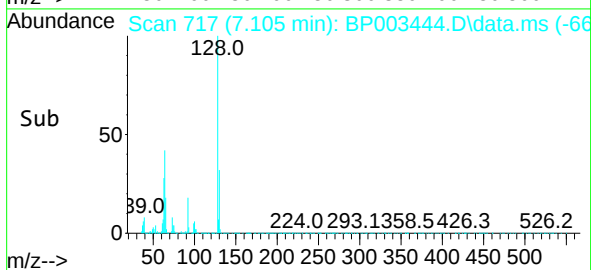
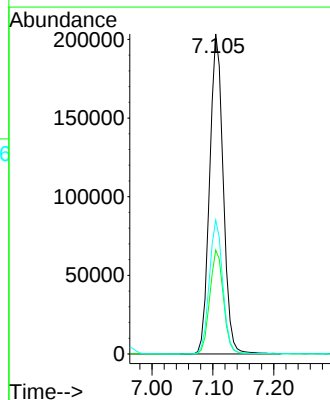
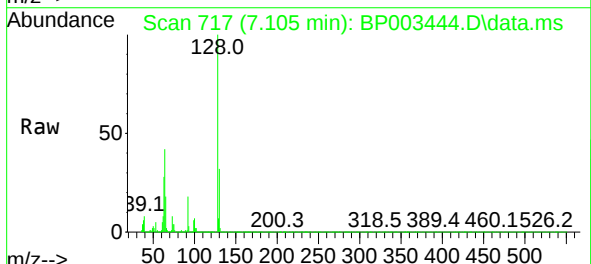
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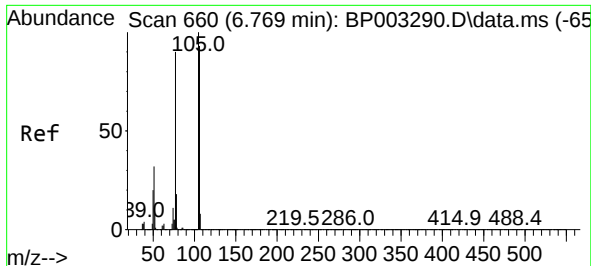
Tgt Ion: 99 Resp: 843106
Ion Ratio Lower Upper
99 100
42 12.6 8.6 13.0
71 35.4 23.4 35.2#



#8
2-Chlorophenol
Concen: 47.31 ng
RT: 7.105 min Scan# 717
Delta R.T. -0.006 min
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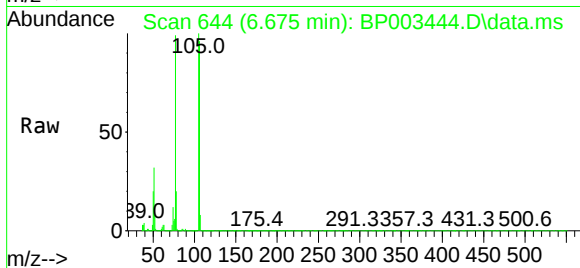
Tgt Ion: 128 Resp: 316310
Ion Ratio Lower Upper
128 100
130 32.5 13.0 53.0
64 41.8 10.4 50.4



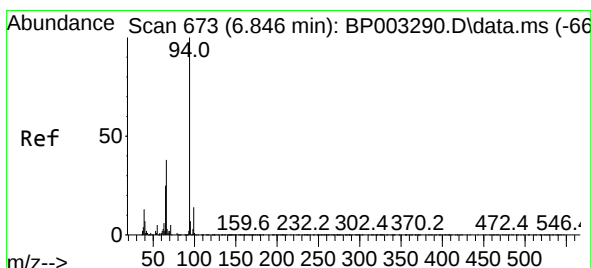
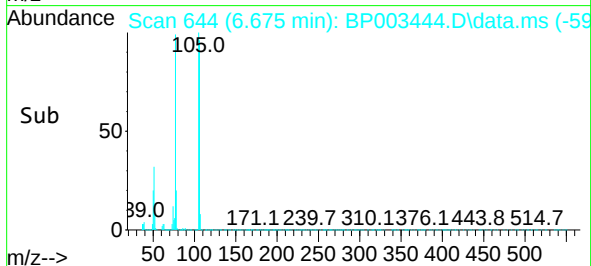
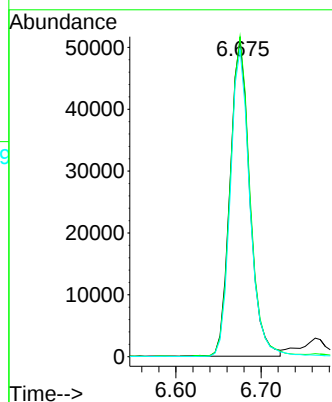


#9
Benzaldehyde
Concen: 18.36 ng
RT: 6.675 min Scan# 644
Delta R.T. -0.006 min
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ClientSampleId :
CG-SOILMSD

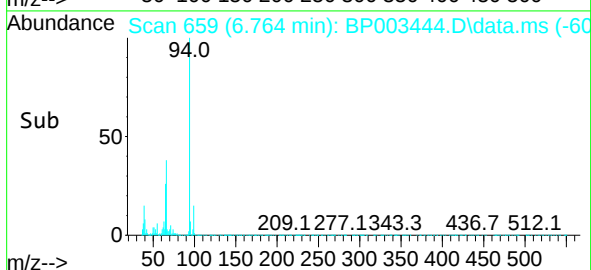
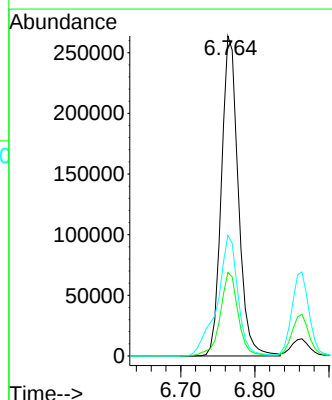
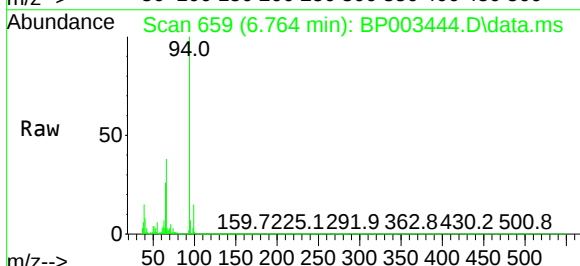


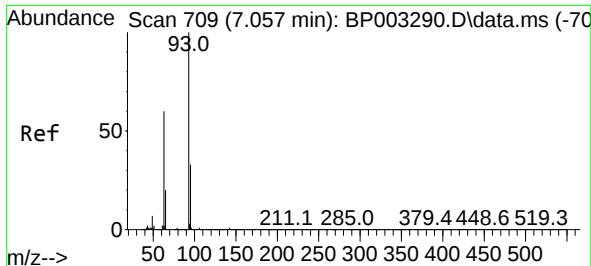
Tgt Ion: 77 Resp: 81941
Ion Ratio Lower Upper
77 100
105 101.1 97.1 137.1
106 97.0 93.7 133.7



#10
Phenol
Concen: 54.47 ng
RT: 6.764 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

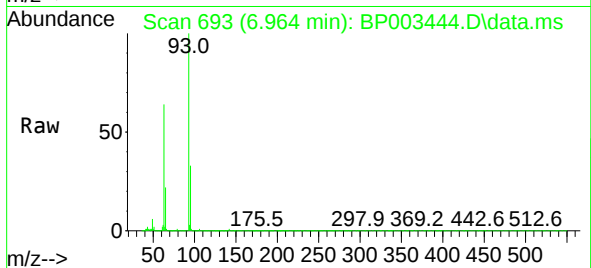
Tgt Ion: 94 Resp: 416318
Ion Ratio Lower Upper
94 100
65 26.1 2.3 42.3
66 37.7 10.9 50.9



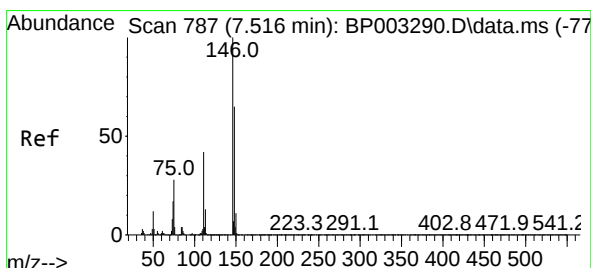
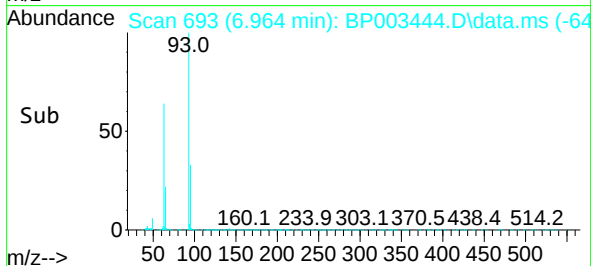
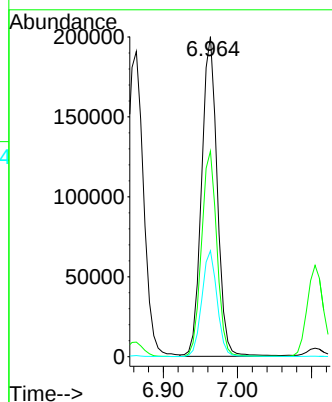


#11
bis(2-Chloroethyl)ether
Concen: 48.40 ng
RT: 6.964 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

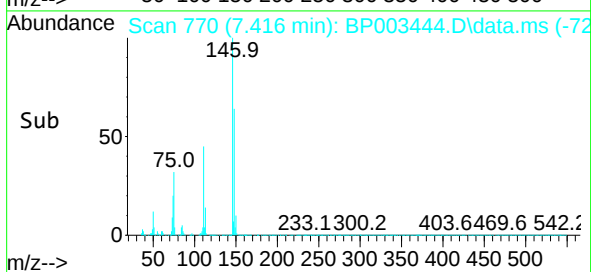
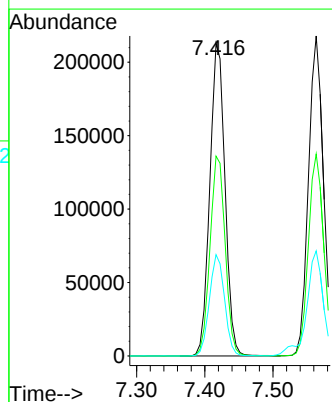
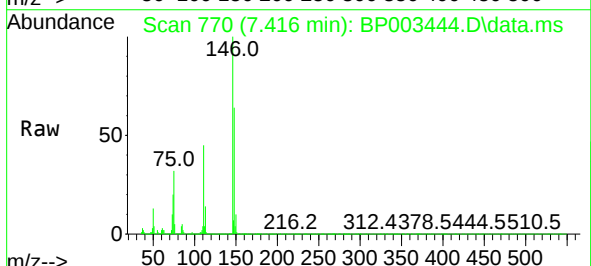


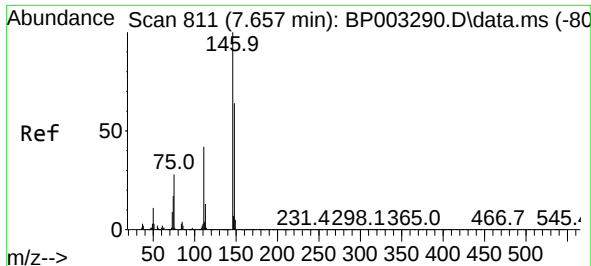
Tgt Ion: 93 Resp: 293159
Ion Ratio Lower Upper
93 100
63 64.3 39.0 79.0
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.34 ng
RT: 7.416 min Scan# 770
Delta R.T. -0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 146 Resp: 330491
Ion Ratio Lower Upper
146 100
148 63.9 52.5 78.7
75 32.4 18.1 27.1#

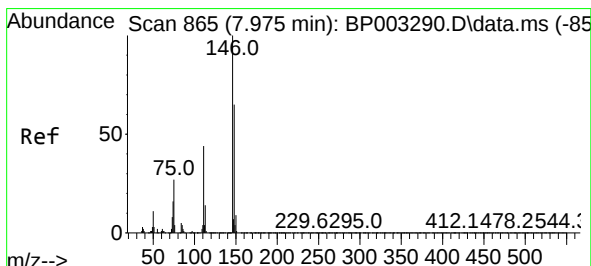
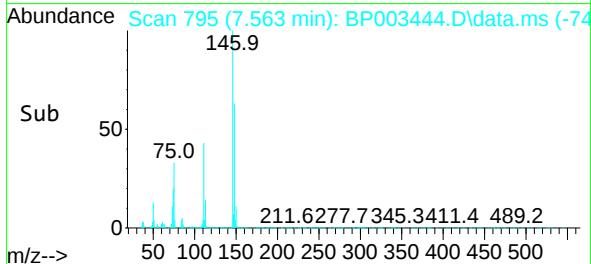
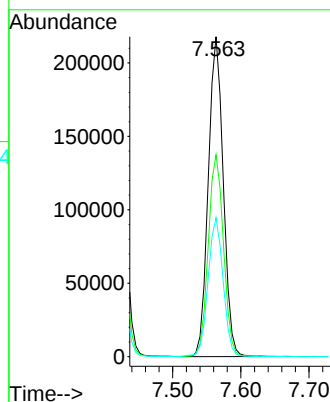
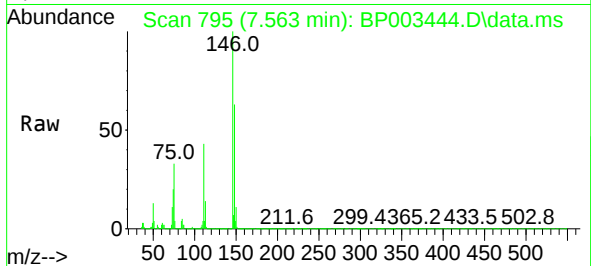




#13
1,4-Dichlorobenzene
Concen: 41.19 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

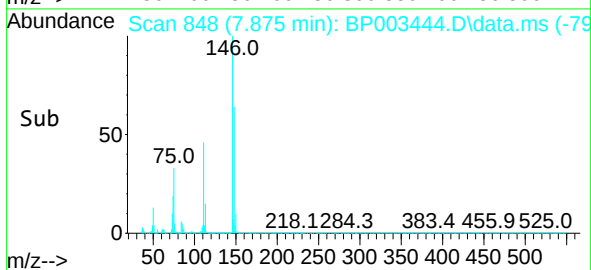
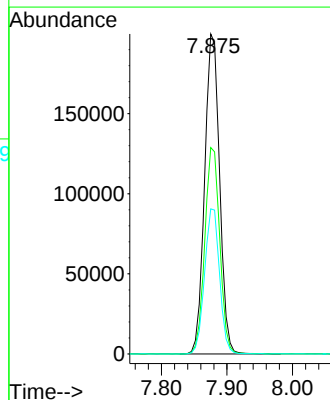
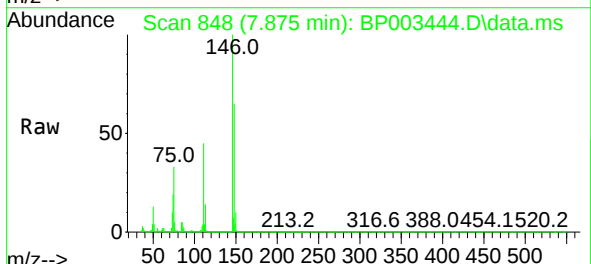
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

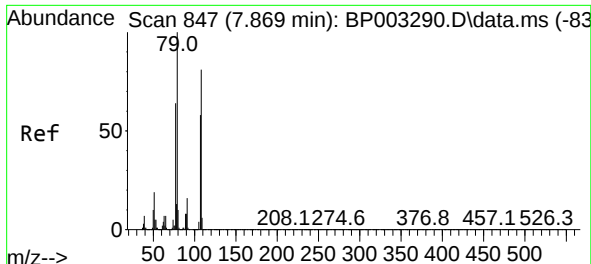
Tgt Ion:146 Resp: 333061
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
111 43.5 28.9 43.3#



#14
1,2-Dichlorobenzene
Concen: 40.94 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:146 Resp: 317760
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 45.4 31.0 46.6

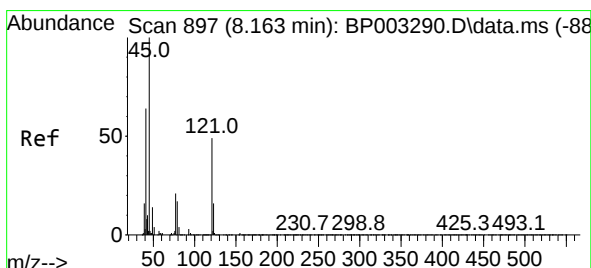
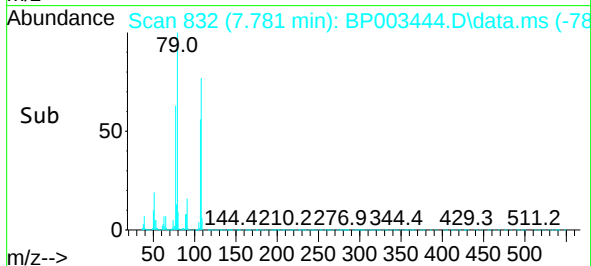
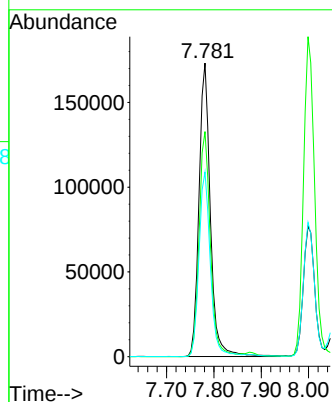
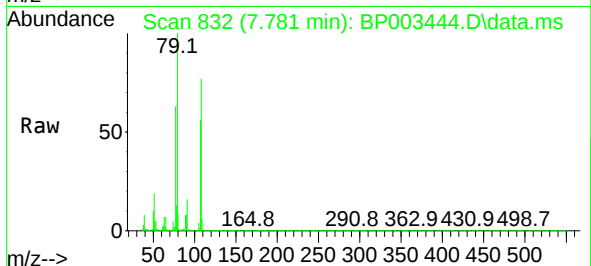




#15
Benzyl Alcohol
Concen: 54.31 ng
RT: 7.781 min Scan# 832
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

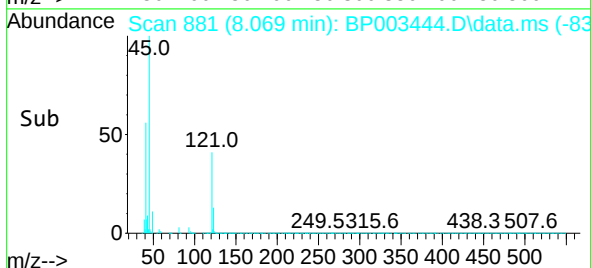
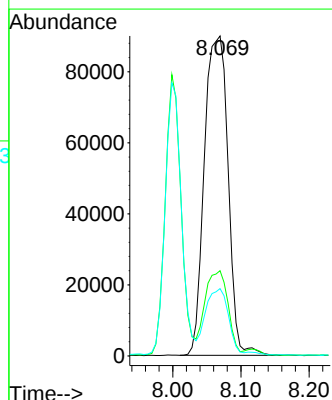
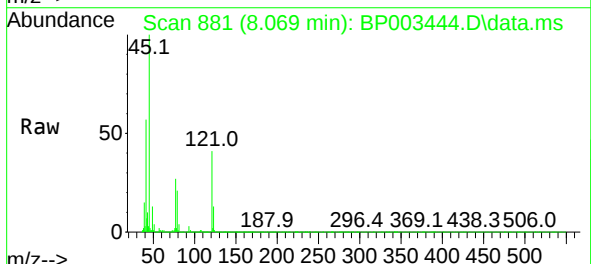
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

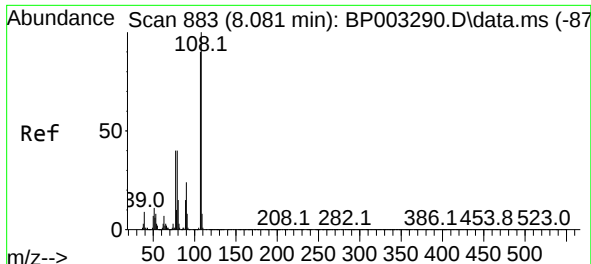
Tgt Ion: 79 Resp: 288819
Ion Ratio Lower Upper
79 100
108 76.7 73.5 110.3
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.40 ng
RT: 8.069 min Scan# 881
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 45 Resp: 217583
Ion Ratio Lower Upper
45 100
77 26.7 2.3 42.3
79 21.1 0.0 36.6

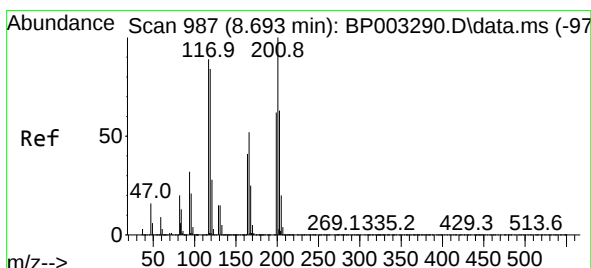
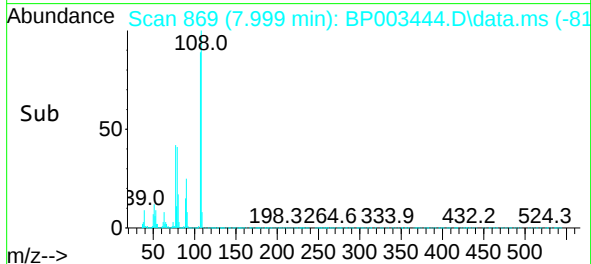
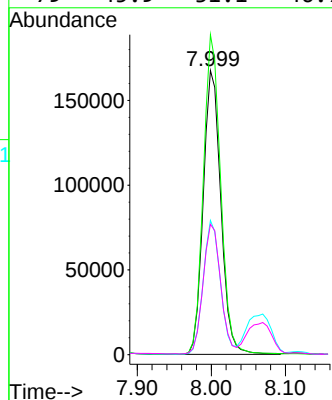
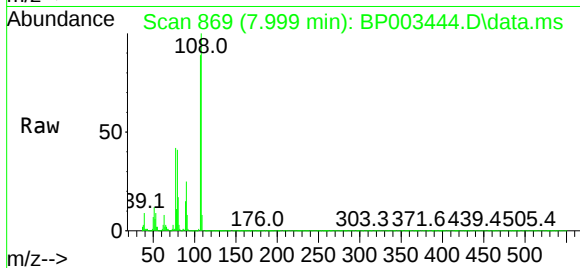




#17
2-Methylphenol
Concen: 49.99 ng
RT: 7.999 min Scan# 869
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

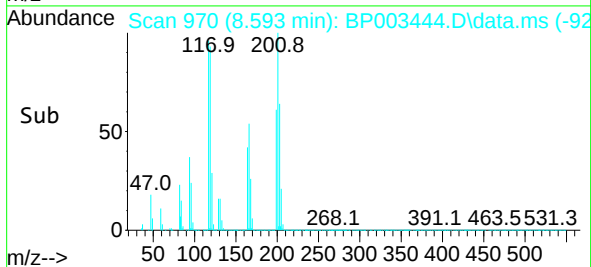
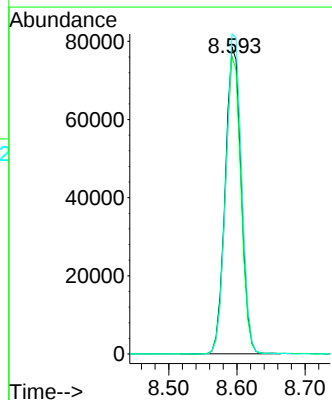
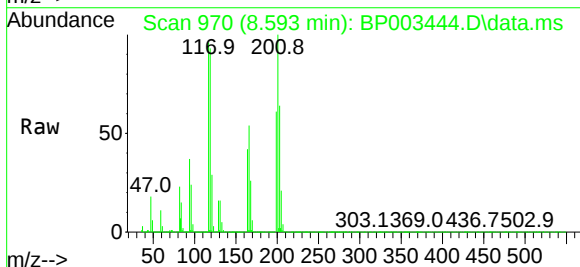
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

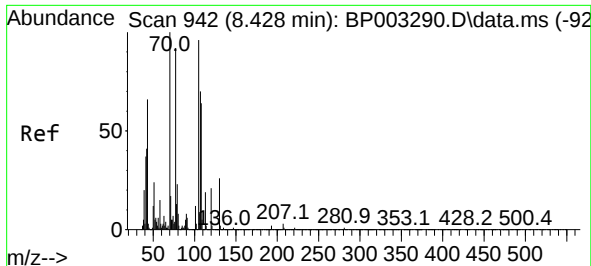
Tgt Ion:	107	Resp:	276261
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.6	134.4
77	47.2	31.8	47.6
79	45.9	31.1	46.7



#18
Hexachloroethane
Concen: 42.31 ng
RT: 8.593 min Scan# 970
Delta R.T. -0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

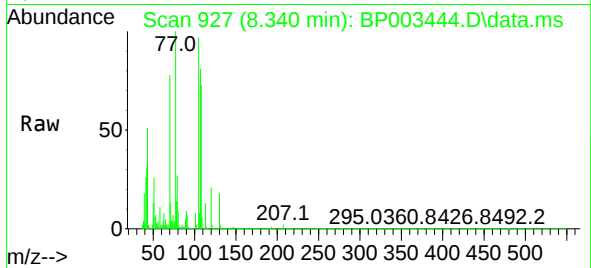
Tgt Ion:	117	Resp:	127501
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.8	118.2
201	104.4	92.3	138.5



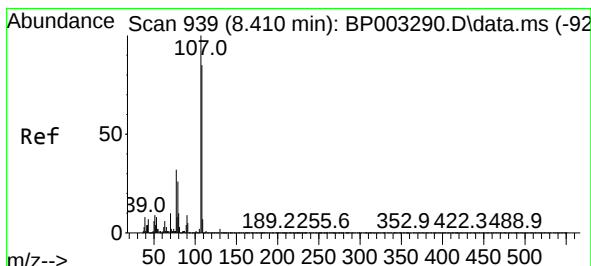
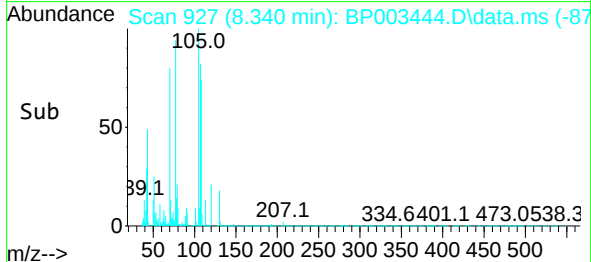
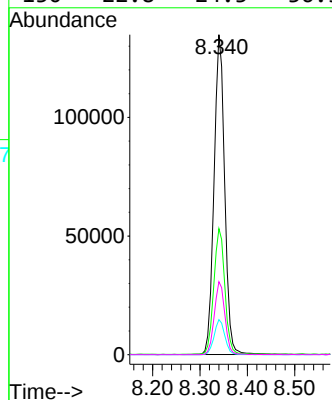


#19
n-Nitroso-di-n-propylamine
Concen: 49.23 ng
RT: 8.340 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

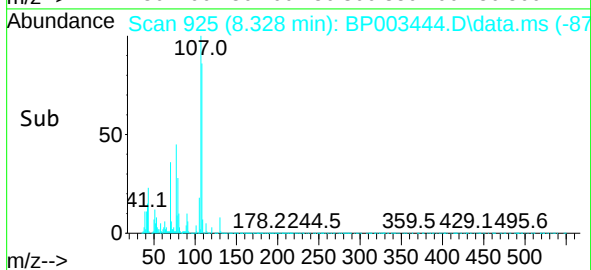
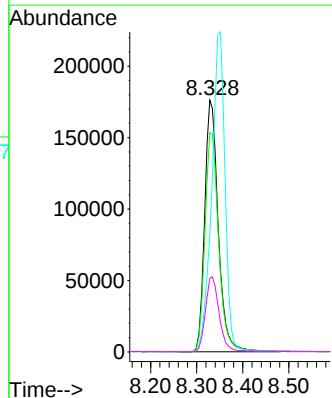
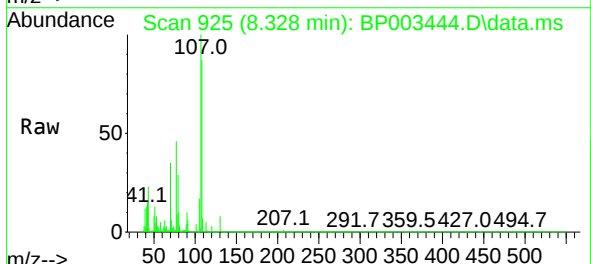


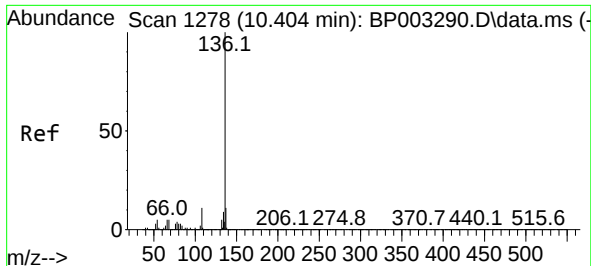
Tgt Ion:	70	Resp:	211065
Ion	Ratio	Lower	Upper
70	100		
42	39.4	32.8	49.2
101	11.0	9.6	14.4
130	22.8	24.3	36.5



#20
3+4-Methylphenols
Concen: 49.18 ng
RT: 8.328 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:	107	Resp:	361743
Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.0	109.0
77	46.1	8.5	48.5
79	29.2	4.8	44.8

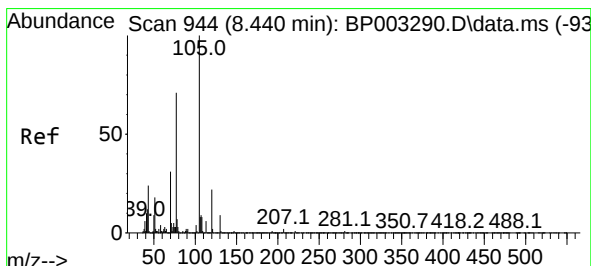
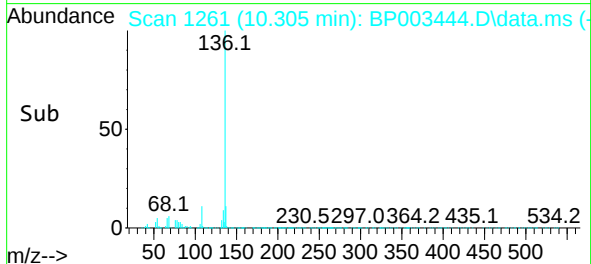
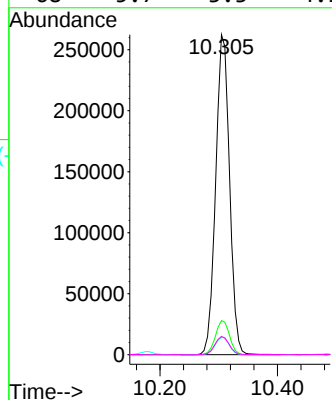
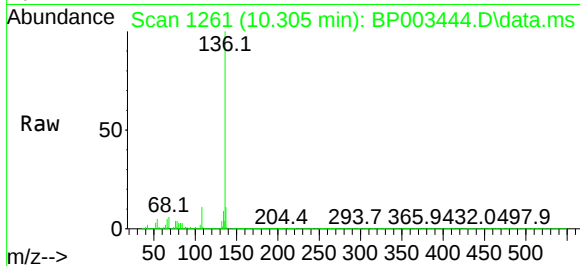




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.305 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

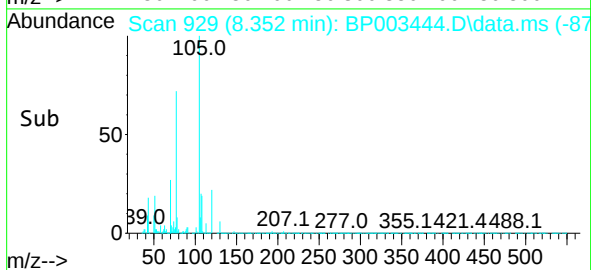
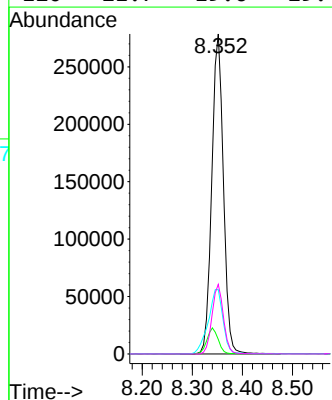
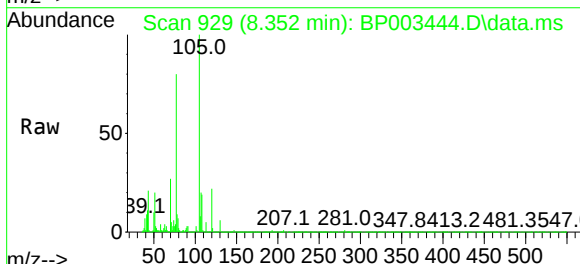
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

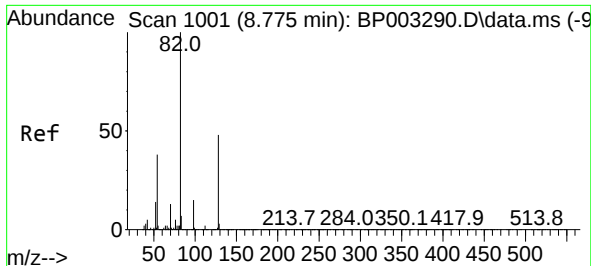
Tgt Ion:136 Resp: 429570
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.4 3.6 5.4#
68 5.7 3.3 4.9#



#22
Acetophenone
Concen: 42.43 ng
RT: 8.352 min Scan# 929
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:105 Resp: 447599
Ion Ratio Lower Upper
105 100
71 4.5 2.6 3.8#
51 20.1 13.5 20.3
120 21.7 19.6 29.4

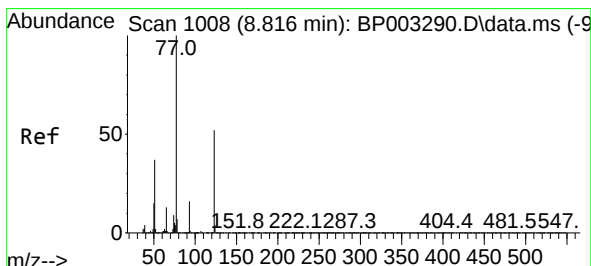
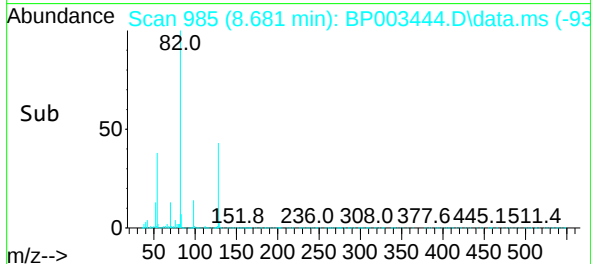
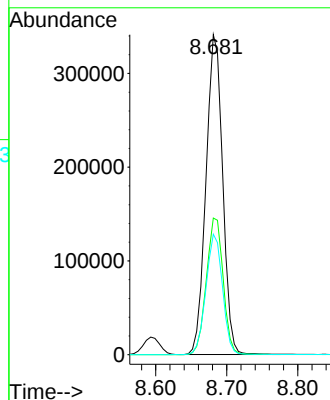
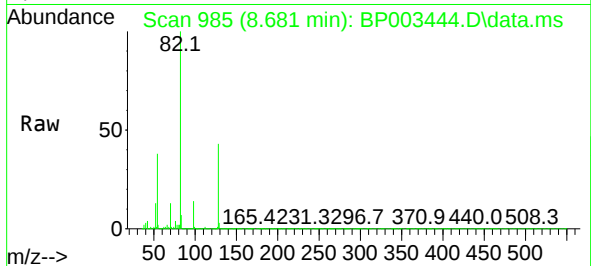




#23
Nitrobenzene-d5
Concen: 76.48 ng
RT: 8.681 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

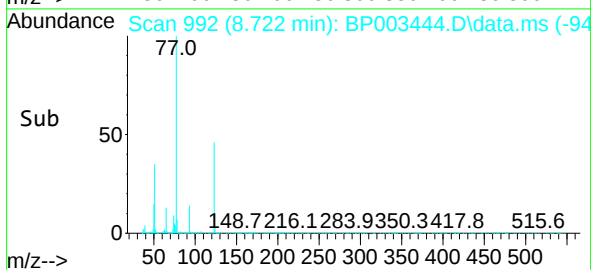
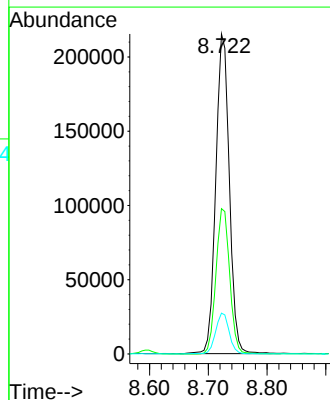
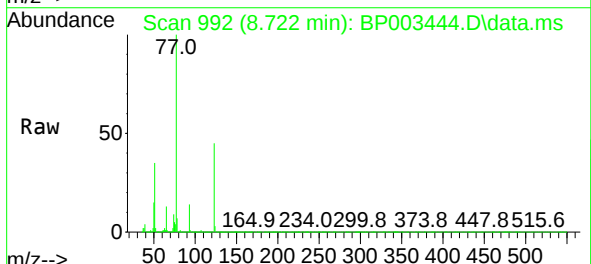
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

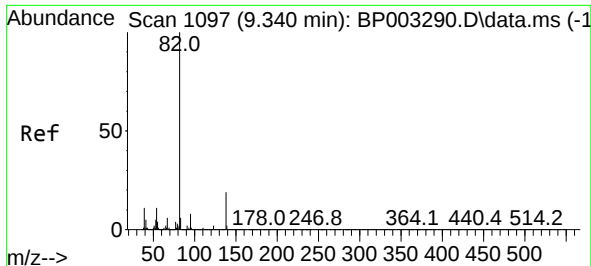
Tgt Ion: 82 Resp: 559229
Ion Ratio Lower Upper
82 100
128 42.7 45.6 68.4#
54 37.7 30.1 45.1



#24
Nitrobenzene
Concen: 47.12 ng
RT: 8.722 min Scan# 992
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 77 Resp: 344732
Ion Ratio Lower Upper
77 100
123 45.4 48.6 72.8#
65 12.8 10.0 15.0

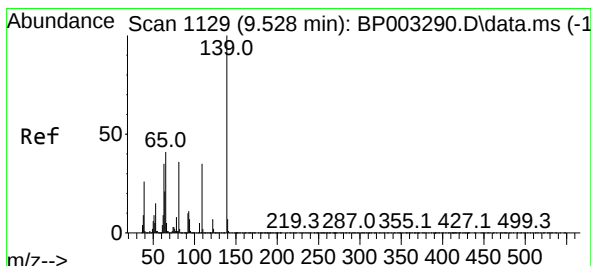
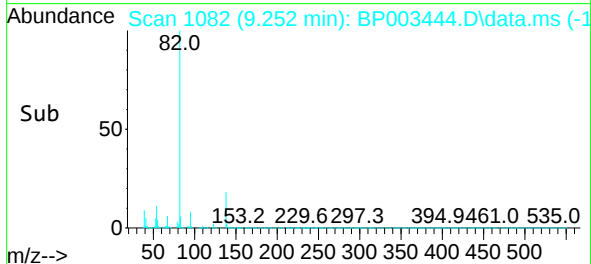
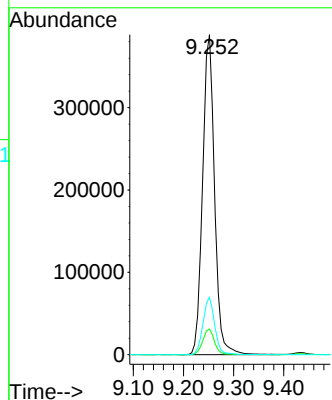
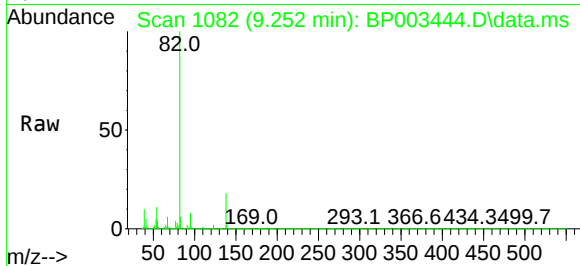




#25
Isophorone
Concen: 47.95 ng
RT: 9.252 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

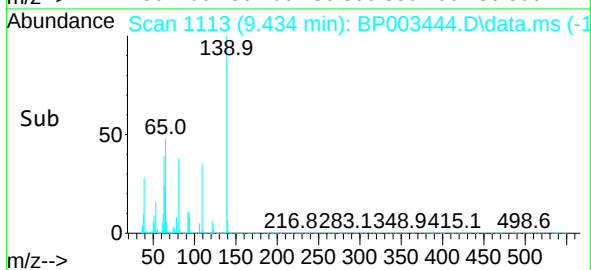
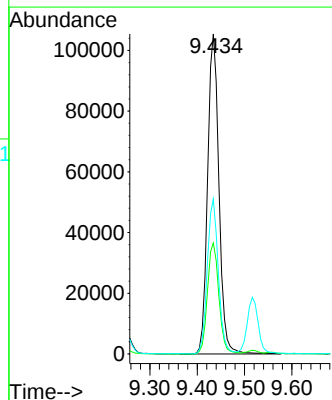
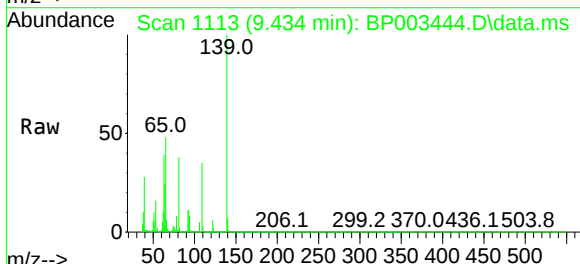
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

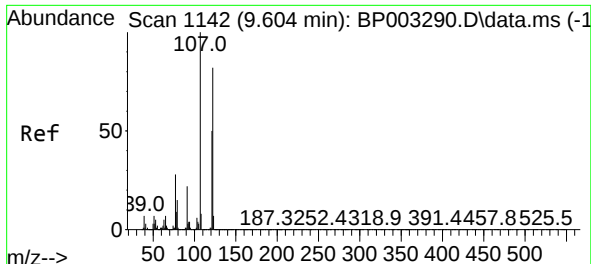
Tgt Ion: 82 Resp: 642508
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.0 18.7 28.1#



#26
2-Nitrophenol
Concen: 43.74 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 139 Resp: 174776
Ion Ratio Lower Upper
139 100
109 34.7 22.1 33.1#
65 48.5 26.5 39.7#

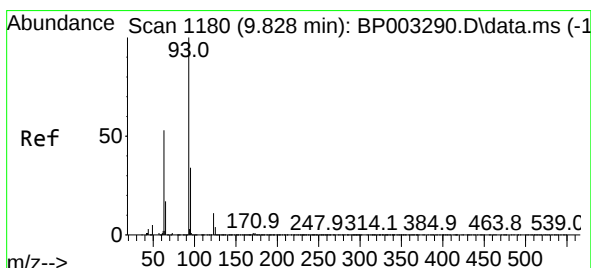
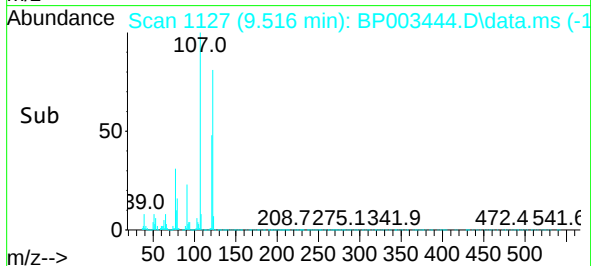
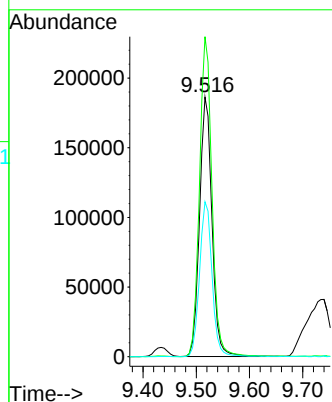
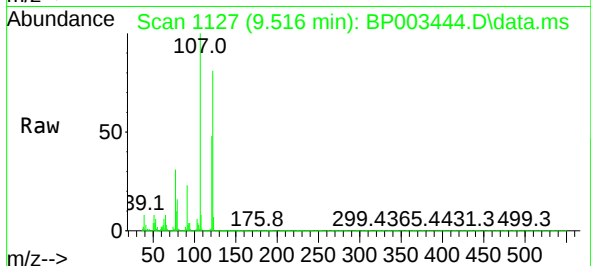




#27
2,4-Dimethylphenol
Concen: 53.39 ng
RT: 9.516 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

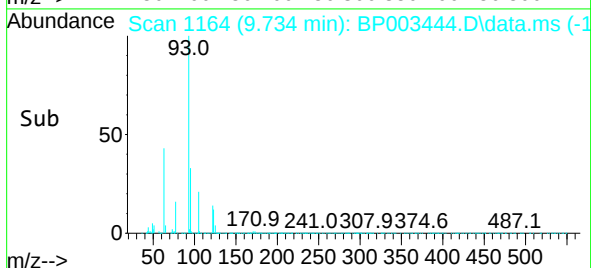
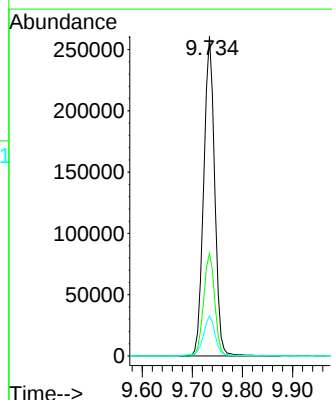
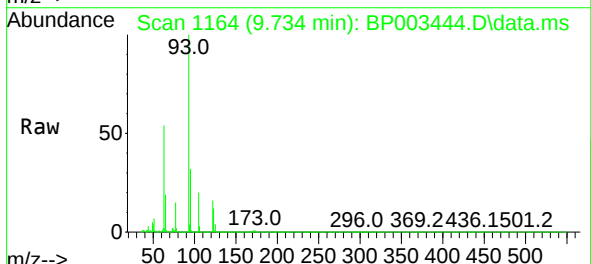
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

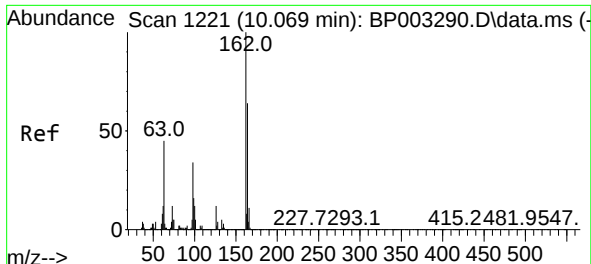
Tgt Ion:122 Resp: 301709
Ion Ratio Lower Upper
122 100
107 123.3 87.3 130.9
121 59.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.48 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 93 Resp: 396751
Ion Ratio Lower Upper
93 100
95 32.1 26.7 40.1
123 12.5 10.5 15.7

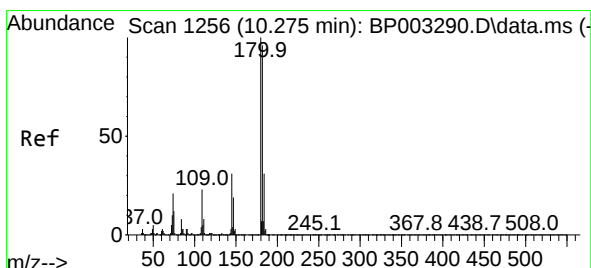
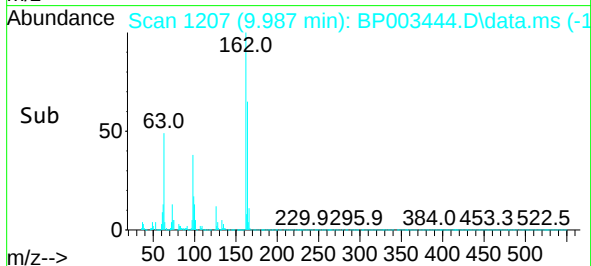
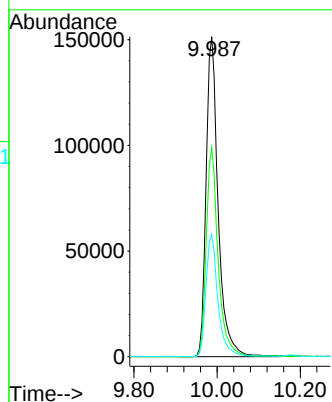
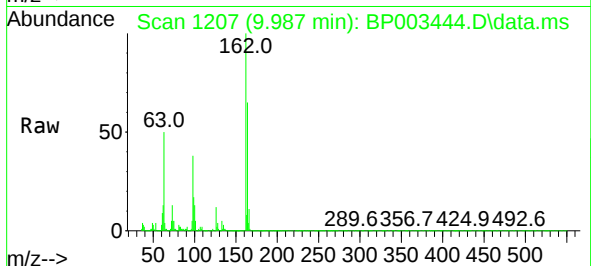




#29
2,4-Dichlorophenol
Concen: 43.19 ng
RT: 9.987 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

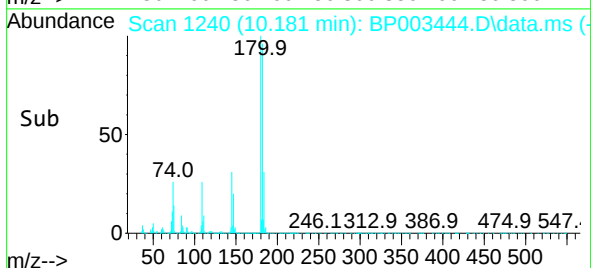
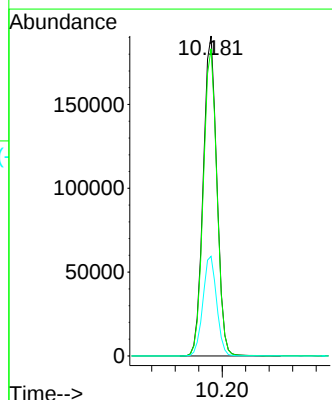
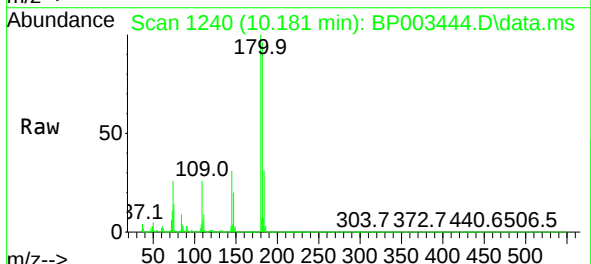
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

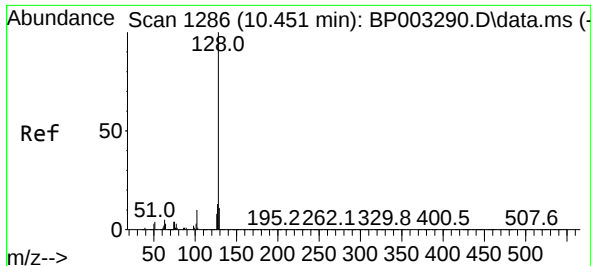
Tgt Ion:162 Resp: 304999
Ion Ratio Lower Upper
162 100
164 65.3 45.8 85.8
98 38.2 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 36.80 ng
RT: 10.181 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:180 Resp: 308317
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 31.1 23.8 35.8

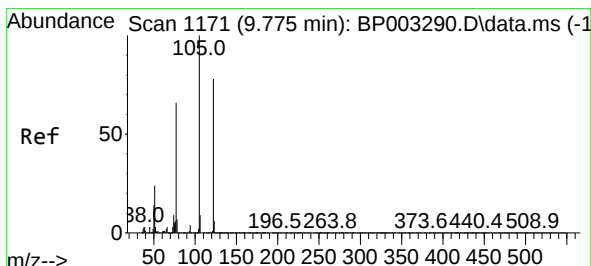
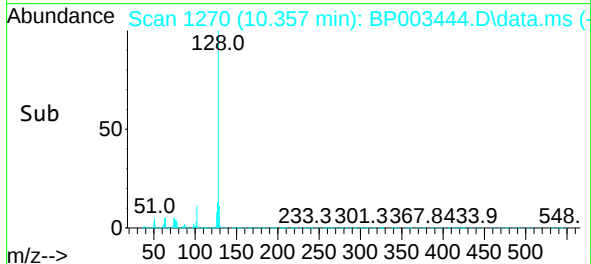
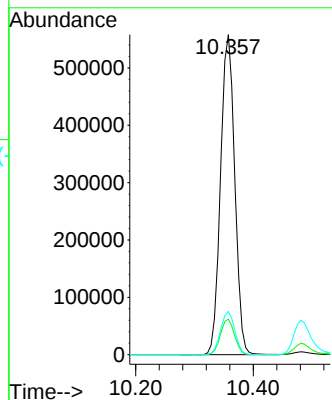
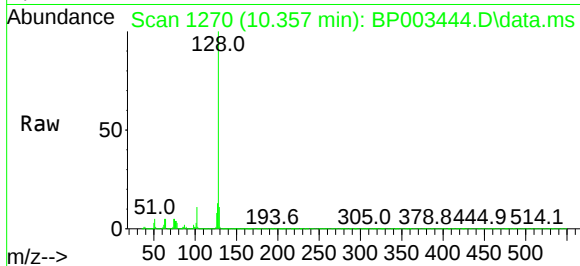




#31
Naphthalene
Concen: 41.15 ng
RT: 10.357 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

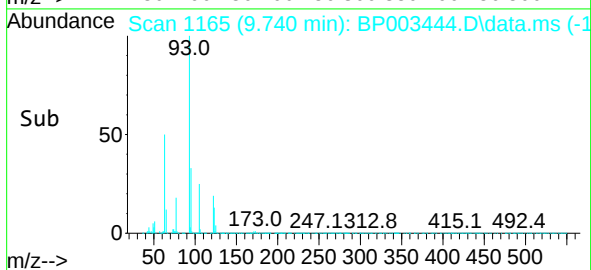
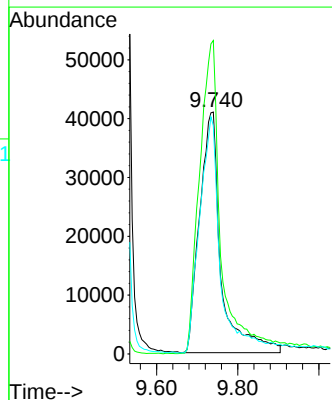
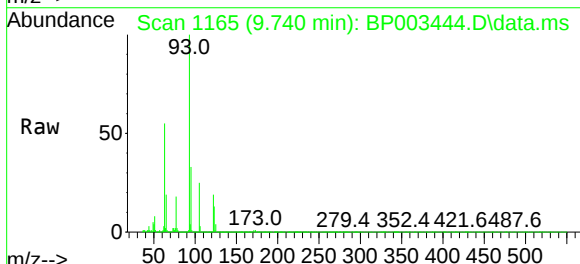
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

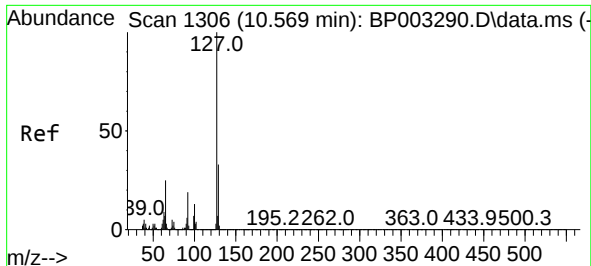
Tgt Ion:128 Resp: 933787
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 39.29 ng
RT: 9.740 min Scan# 1165
Delta R.T. 0.024 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:122 Resp: 150607
Ion Ratio Lower Upper
122 100
105 129.6 94.1 134.1
77 94.4 50.1 90.1#

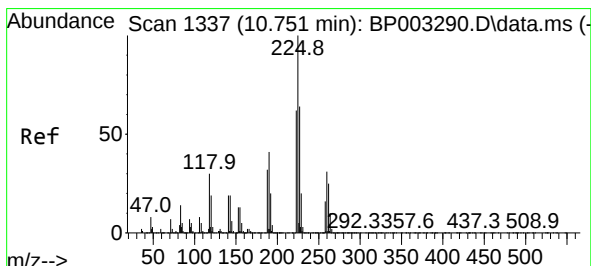
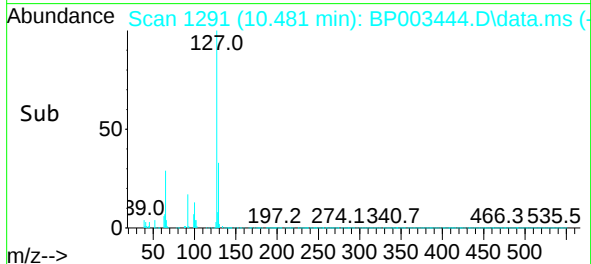
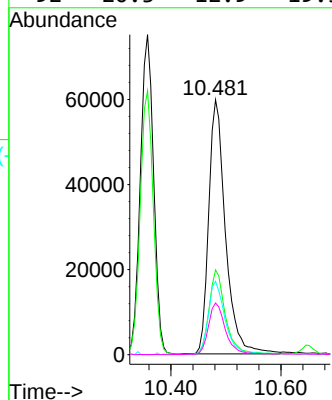
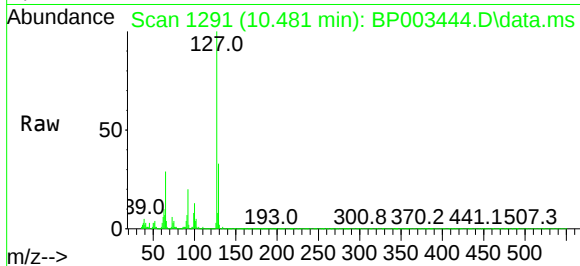




#33
4-Chloroaniline
Concen: 13.14 ng
RT: 10.481 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

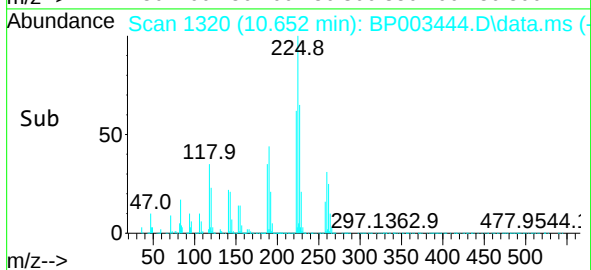
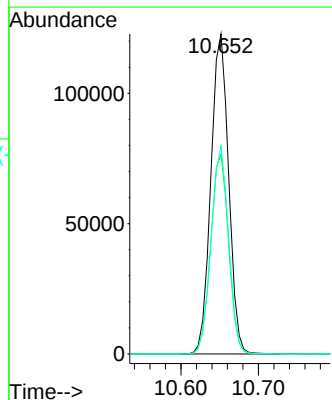
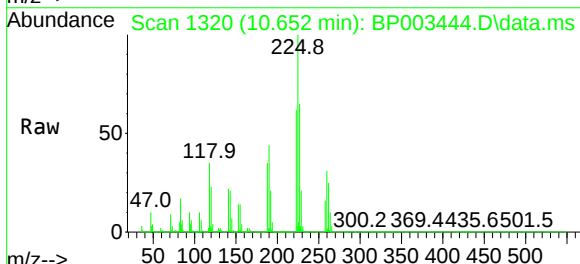
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

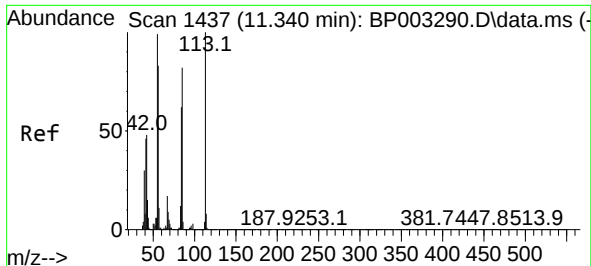
Tgt Ion:127	Resp: 126667
Ion Ratio	Lower Upper
127 100	
129 33.2	25.7 38.5
65 28.8	17.3 25.9#
92 20.3	12.9 19.3#



#34
Hexachlorobutadiene
Concen: 34.10 ng
RT: 10.652 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:225	Resp: 194990
Ion Ratio	Lower Upper
225 100	
223 62.4	50.1 75.1
227 65.1	51.4 77.2

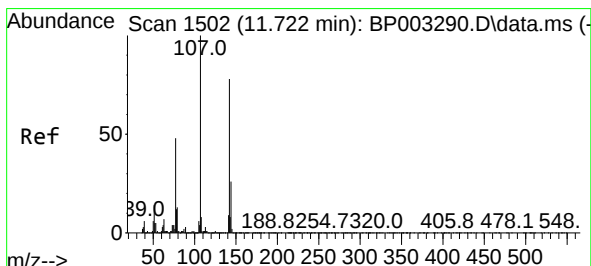
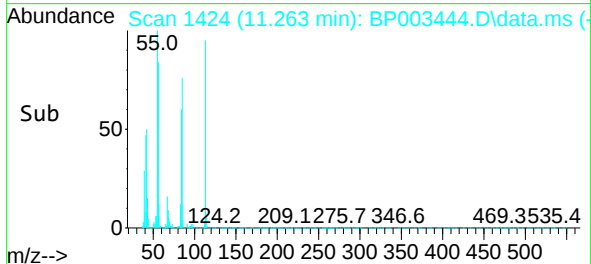
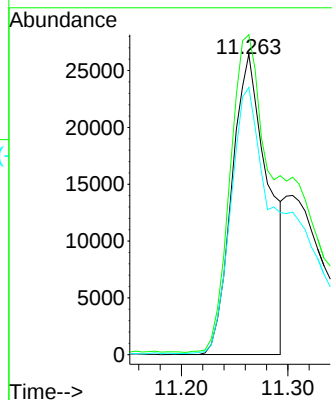
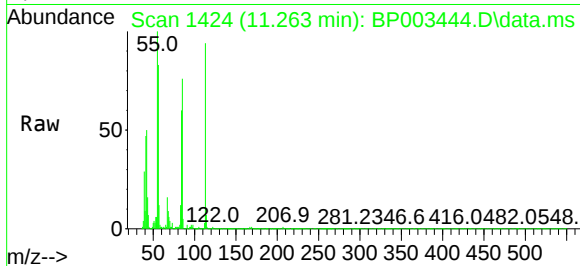




#35
Caprolactam
Concen: 26.54 ng
RT: 11.263 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

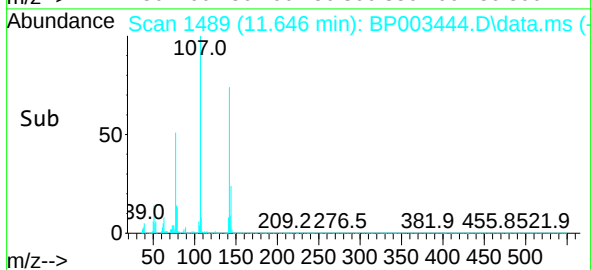
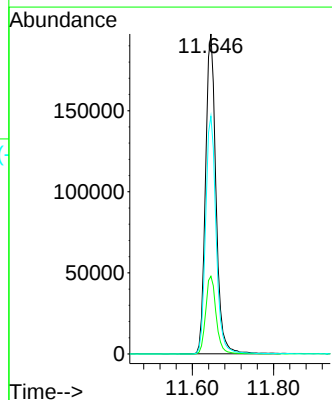
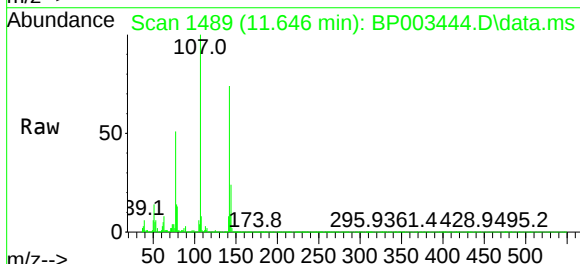
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

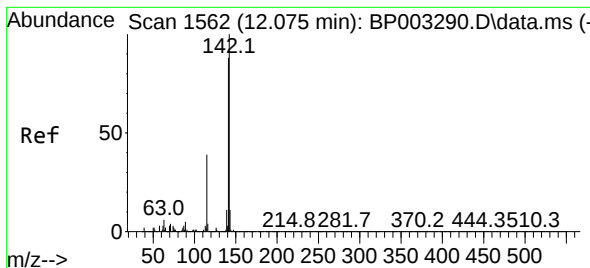
Tgt Ion:113	Resp: 62544
Ion Ratio	Lower Upper
113	100
55	106.5 77.3 117.3
56	88.9 55.9 95.9



#36
4-Chloro-3-methylphenol
Concen: 46.14 ng
RT: 11.646 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:107	Resp: 351287
Ion Ratio	Lower Upper
107	100
144	24.3 22.7 34.1
142	74.3 70.7 106.1

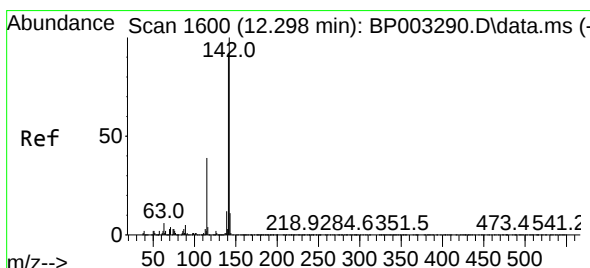
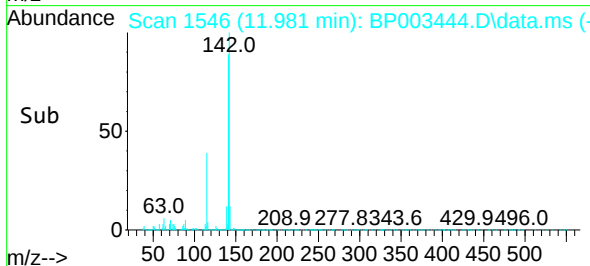
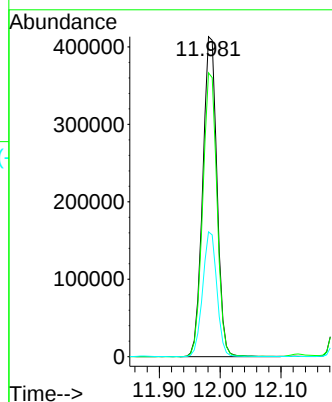
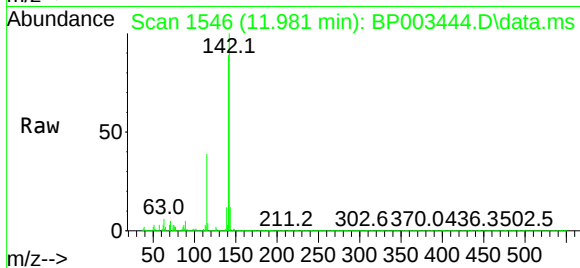




#37
2-Methylnaphthalene
Concen: 40.87 ng
RT: 11.981 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

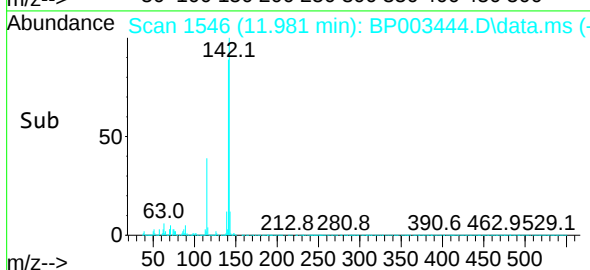
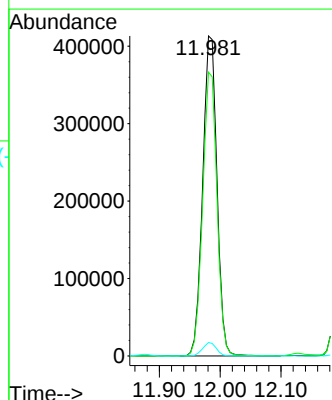
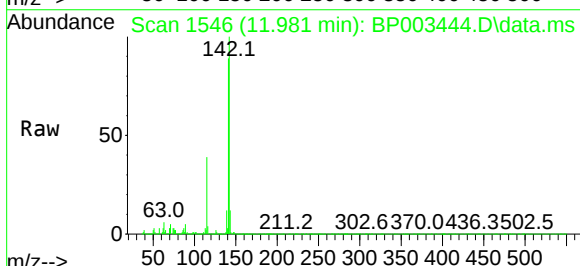
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

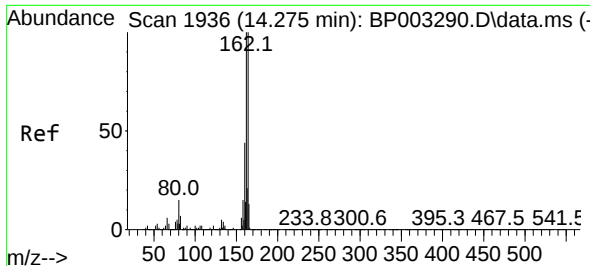
Tgt Ion:142 Resp: 671847
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 39.0 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 43.04 ng
RT: 11.981 min Scan# 1546
Delta R.T. -0.229 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:142 Resp: 671847
Ion Ratio Lower Upper
142 100
141 88.7 74.4 111.6
116 4.2 2.9 4.3

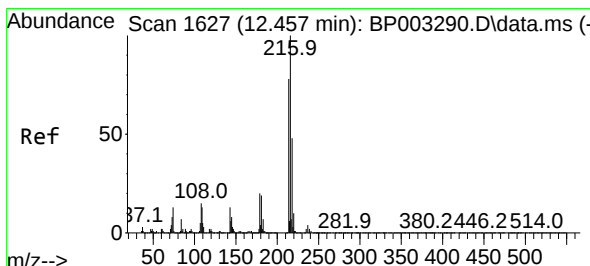
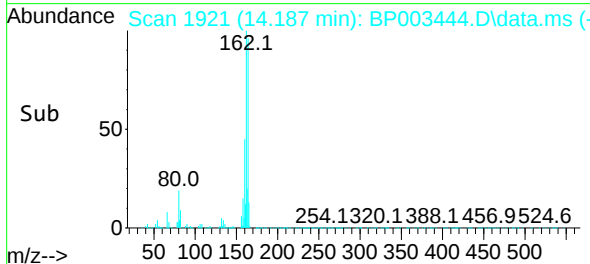
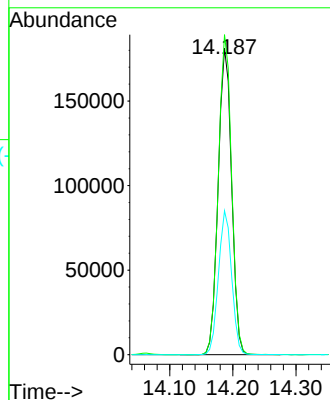
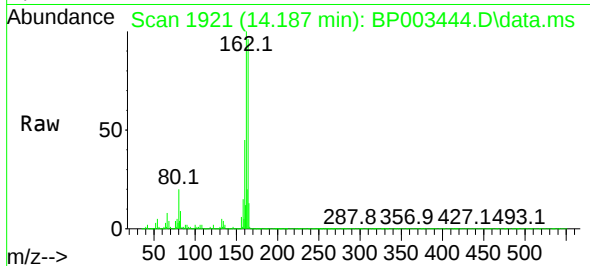




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

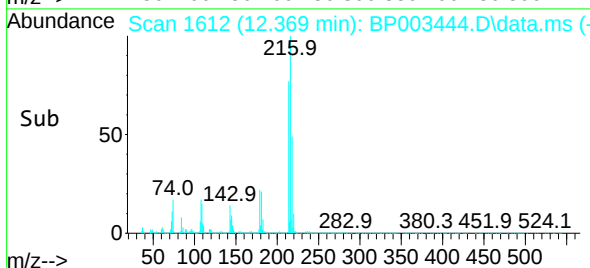
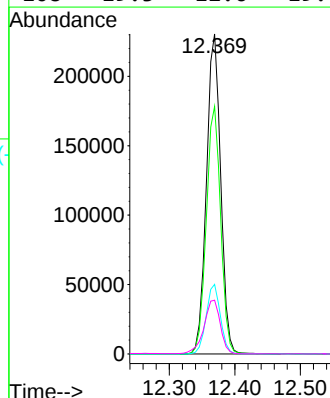
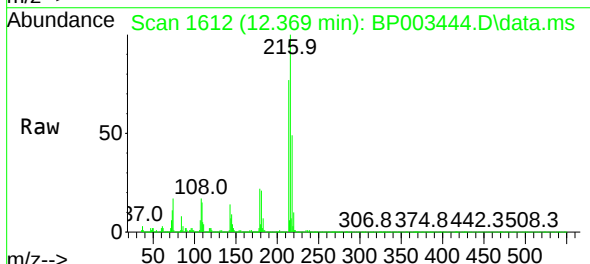
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BNA_P
ClientSampleId :
CG-SOILMSD

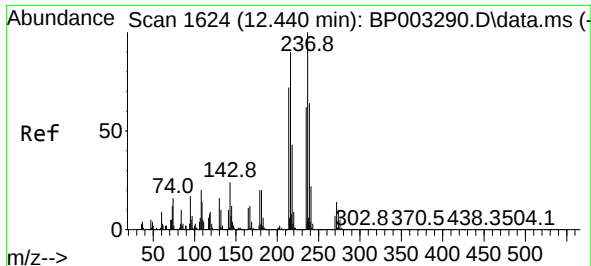
Tgt Ion:164 Resp: 267625
Ion Ratio Lower Upper
164 100
162 104.5 79.4 119.2
160 47.0 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.78 ng
RT: 12.369 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:216 Resp: 348568
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.6
179 21.7 16.9 25.3
108 19.3 12.6 19.0#

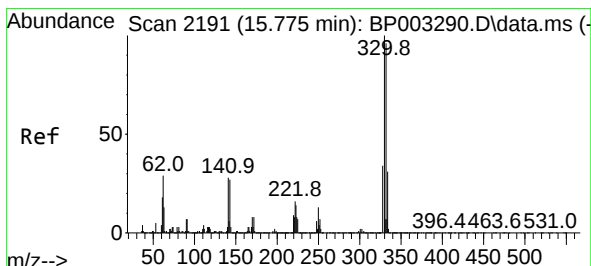
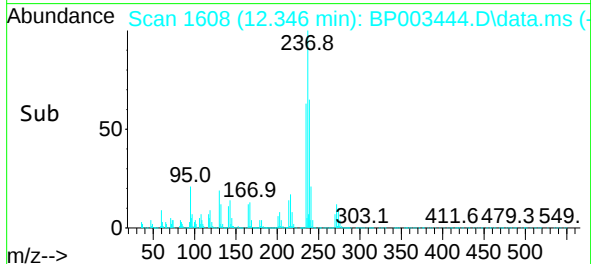
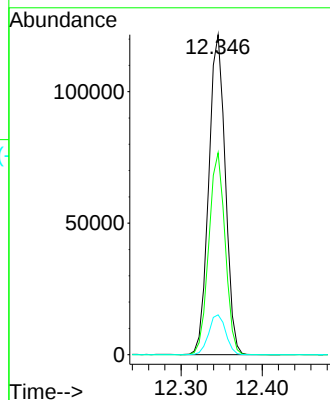
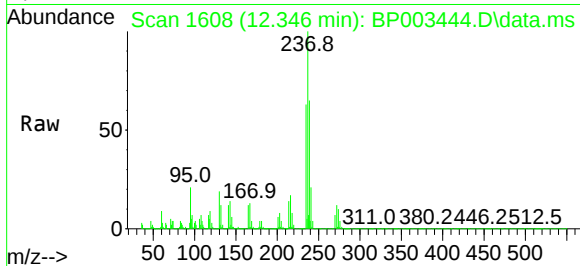




#41
Hexachlorocyclopentadiene
Concen: 62.02 ng
RT: 12.346 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

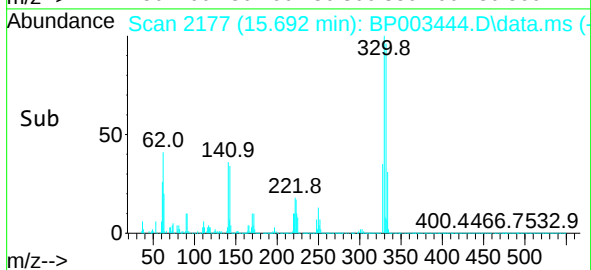
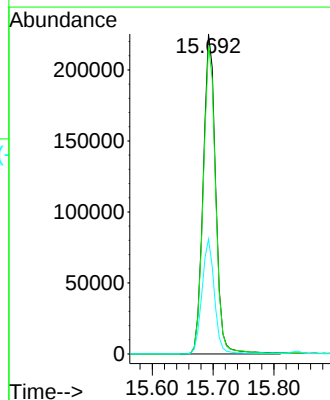
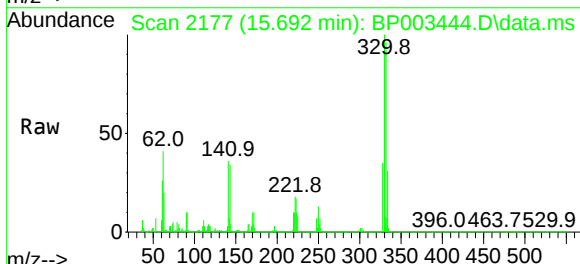
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

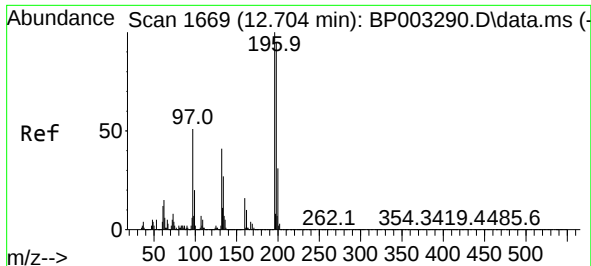
Tgt Ion:237	Resp: 171985
Ion Ratio	Lower Upper
237 100	
235 63.1	43.2 83.2
272 12.4	0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 78.62 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:330	Resp: 320902
Ion Ratio	Lower Upper
330 100	
332 96.8	77.1 115.7
141 36.0	23.4 35.2#

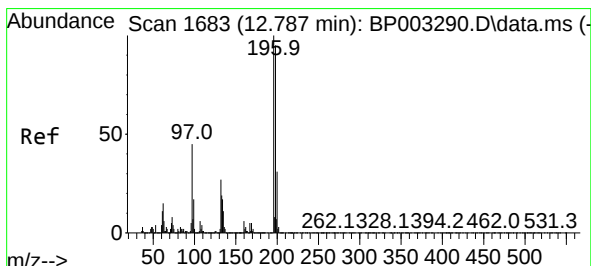
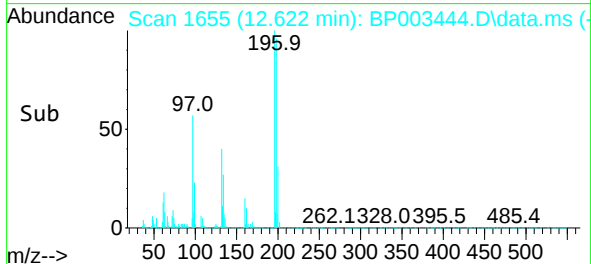
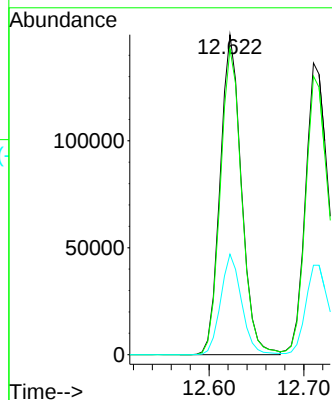
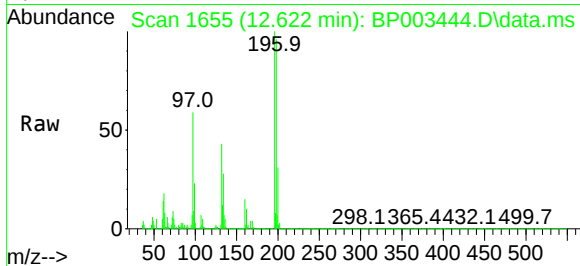




#43
2,4,6-Trichlorophenol
Concen: 41.22 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

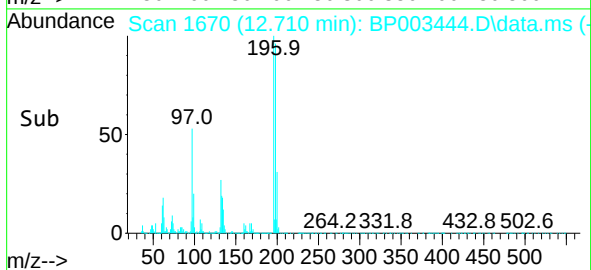
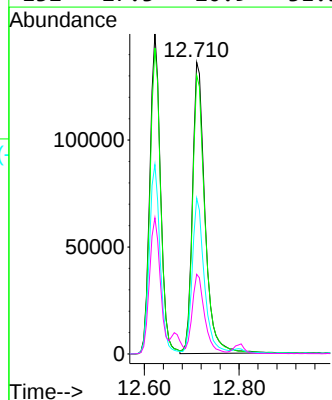
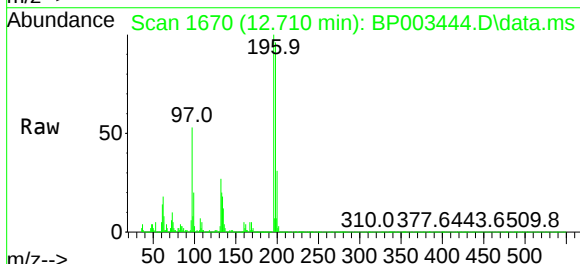
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BNA_P
ClientSampled :
CG-SOILMSD

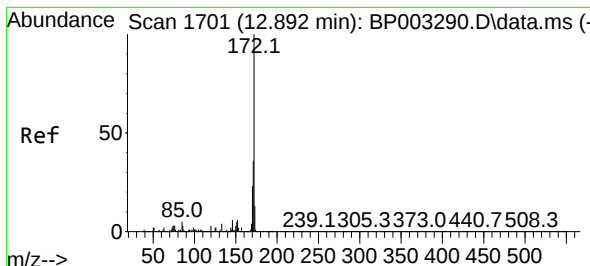
Tgt Ion:196 Resp: 233512
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.6
200 31.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 42.97 ng
RT: 12.710 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:196 Resp: 250412
Ion Ratio Lower Upper
196 100
198 95.5 77.3 115.9
97 53.4 31.0 46.4#
132 27.3 20.9 31.3

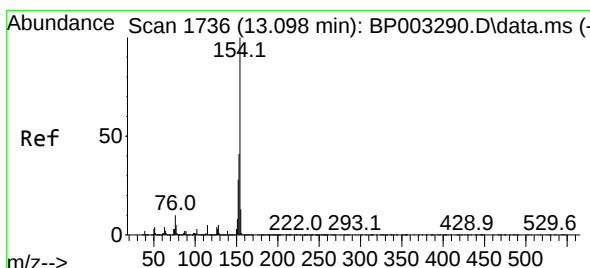
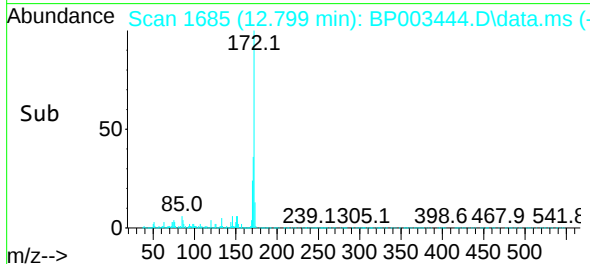
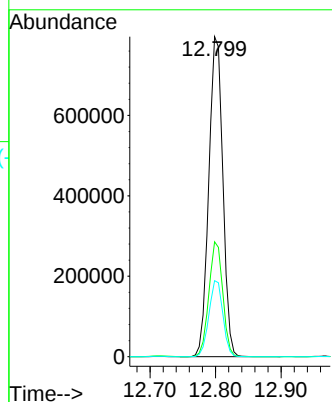
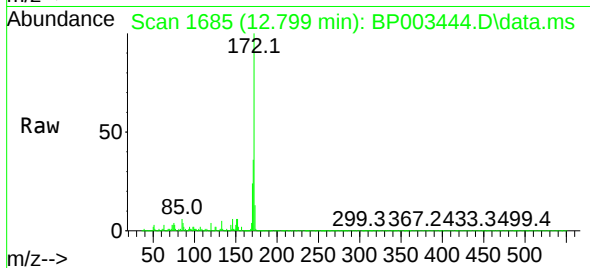




#45
2-Fluorobiphenyl
Concen: 64.85 ng
RT: 12.799 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

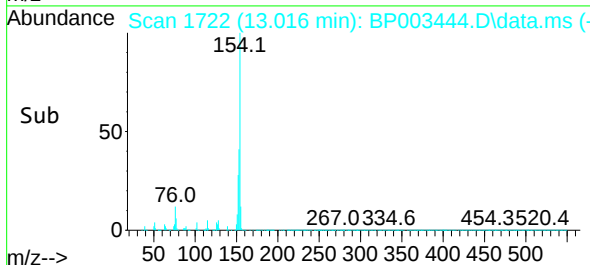
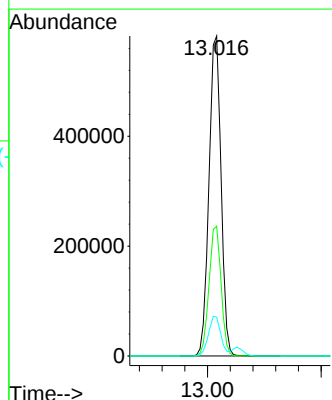
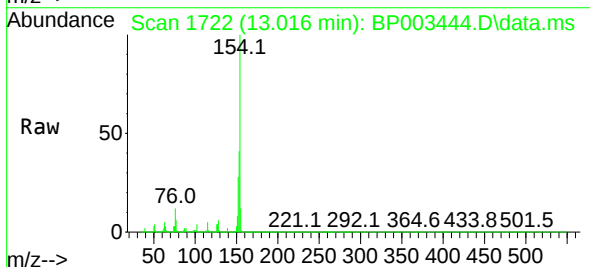
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BNA_P
ClientSampleId :
CG-SOILMSD

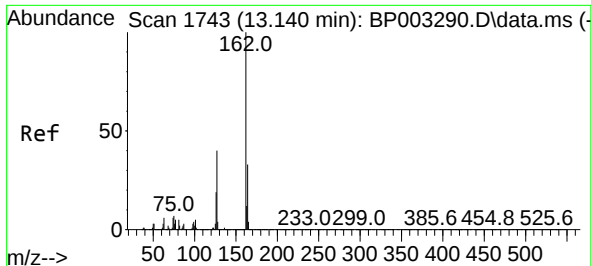
Tgt Ion:172 Resp: 1186625
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.7 19.2 28.8



#46
1,1'-Biphenyl
Concen: 42.84 ng
RT: 13.016 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:154 Resp: 855123
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.1 0.0 29.3

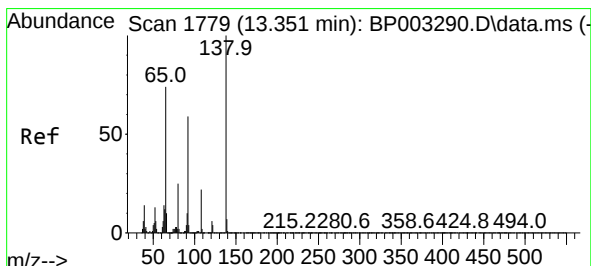
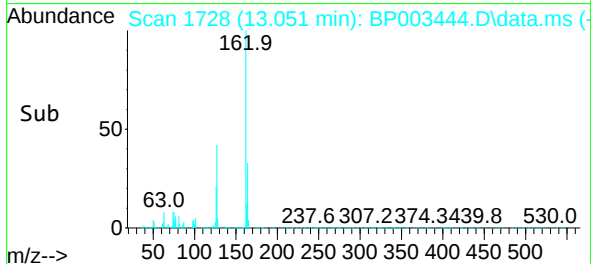
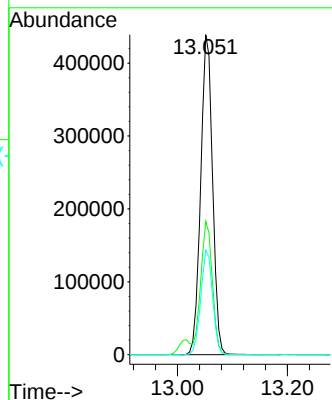
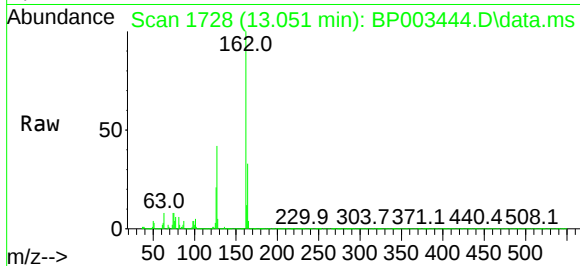




#47
2-Chloronaphthalene
Concen: 39.85 ng
RT: 13.051 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

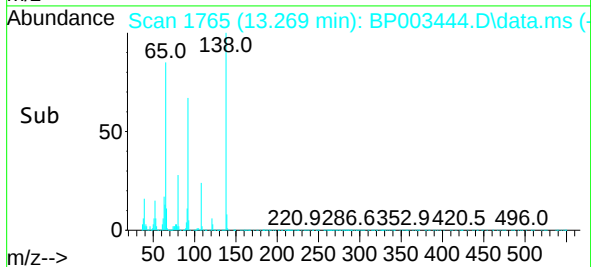
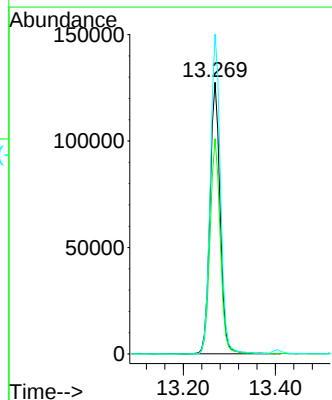
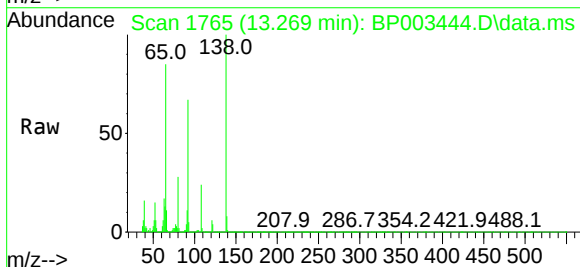
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

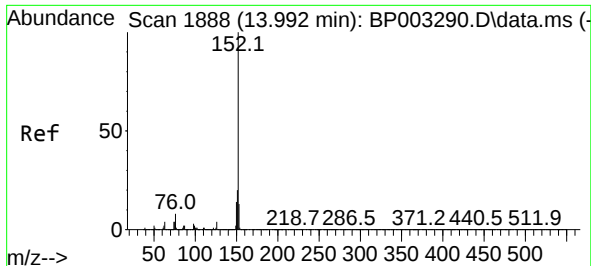
Tgt Ion:162 Resp: 658661
Ion Ratio Lower Upper
162 100
127 41.7 29.9 44.9
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 47.40 ng
RT: 13.269 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 65 Resp: 198296
Ion Ratio Lower Upper
65 100
92 79.3 70.6 106.0
138 117.8 133.6 200.4#

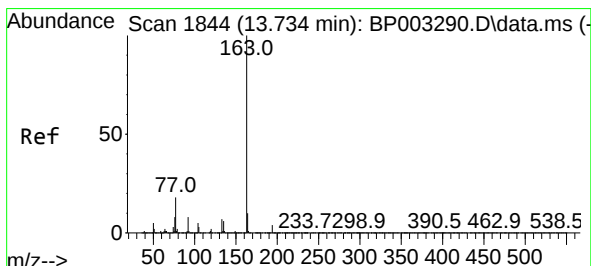
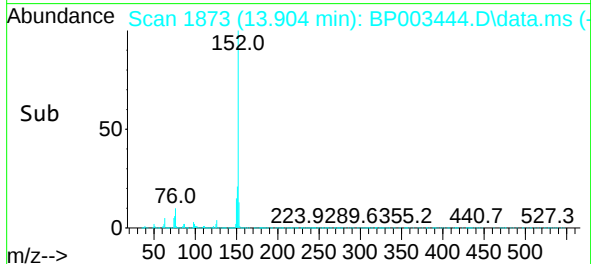
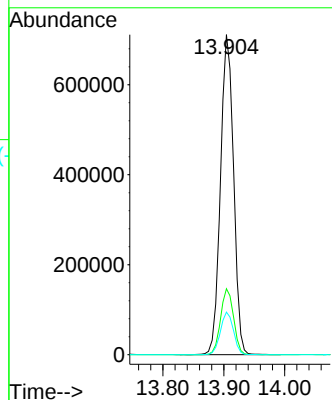
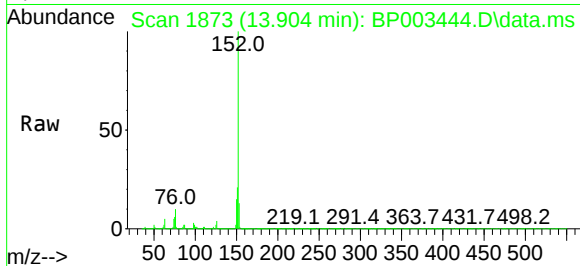




#49
Acenaphthylene
Concen: 42.07 ng
RT: 13.904 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

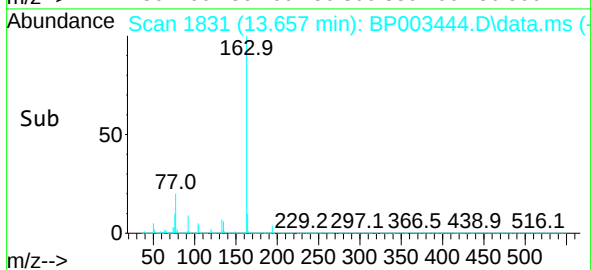
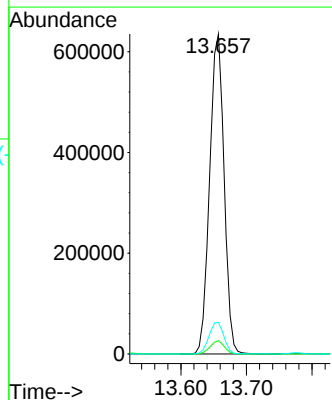
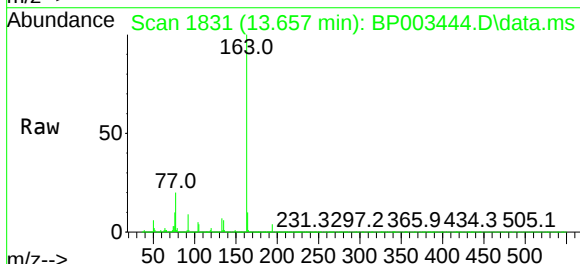
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

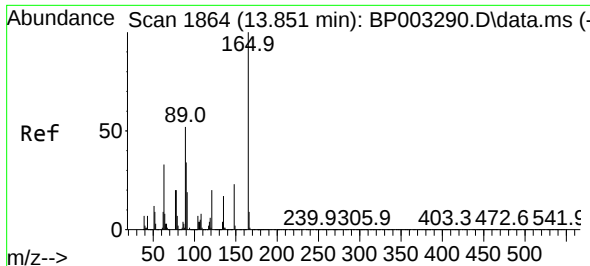
Tgt Ion:152 Resp: 1062427
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 45.51 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:163 Resp: 972540
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.2 12.2

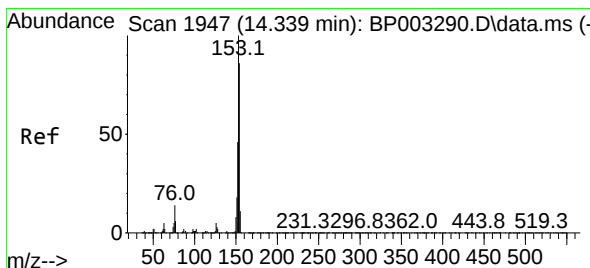
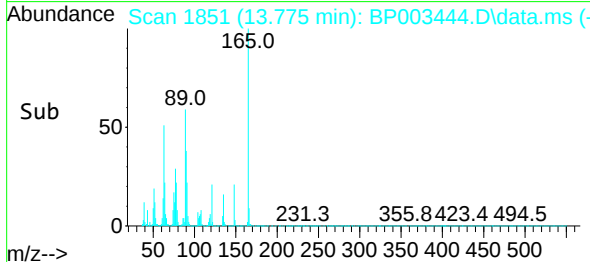
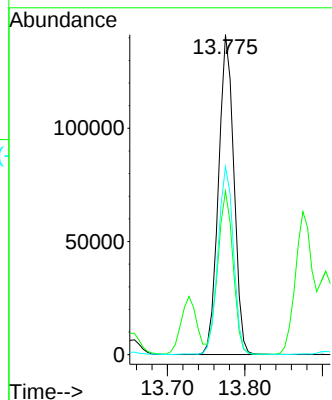
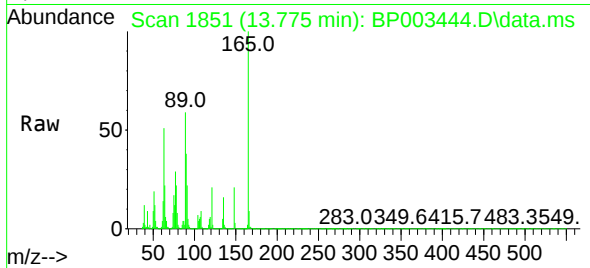




#51
2,6-Dinitrotoluene
Concen: 42.57 ng
RT: 13.775 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

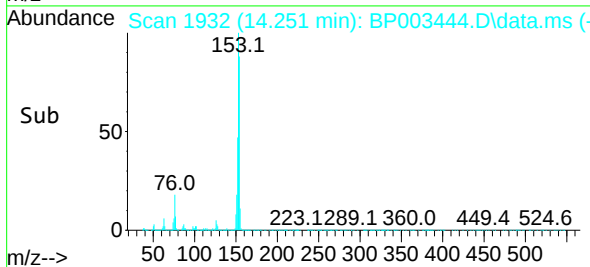
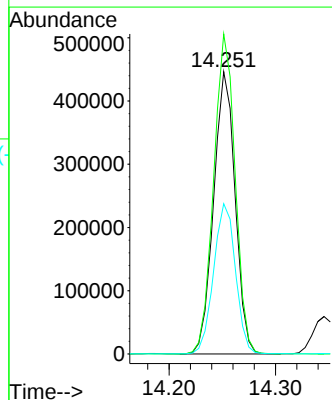
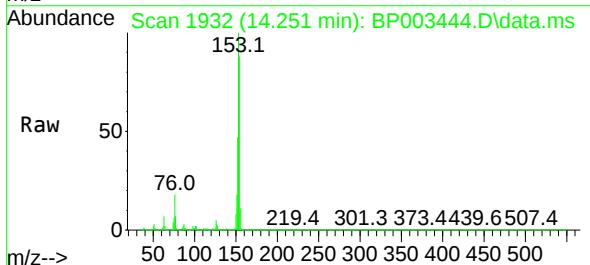
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

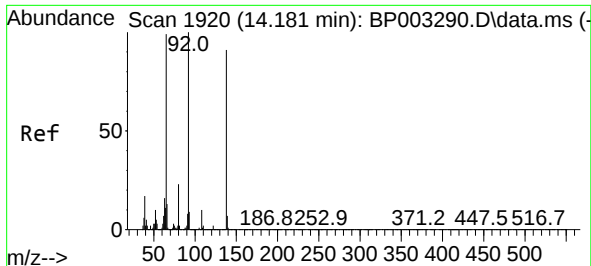
Tgt Ion:165 Resp: 195001
Ion Ratio Lower Upper
165 100
63 51.1 27.8 41.6#
89 58.8 34.6 52.0#



#52
Acenaphthene
Concen: 40.61 ng
RT: 14.251 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:154 Resp: 624209
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.6
152 53.2 43.0 64.6

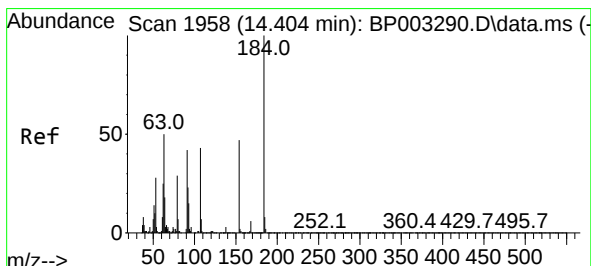
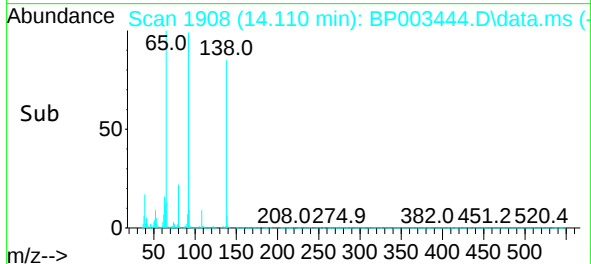
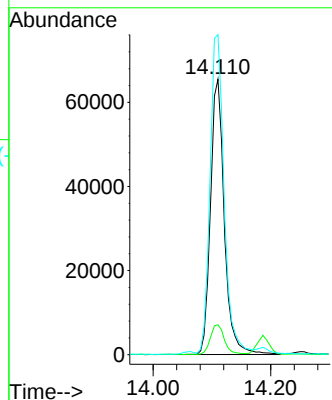
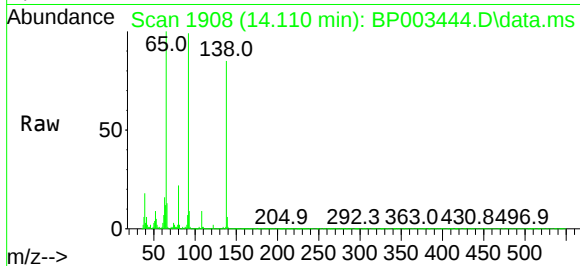




#53
3-Nitroaniline
Concen: 21.55 ng
RT: 14.110 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

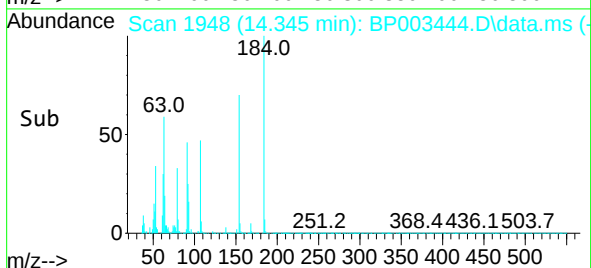
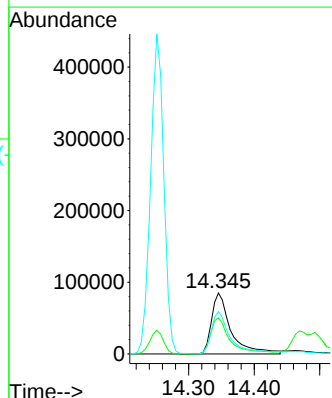
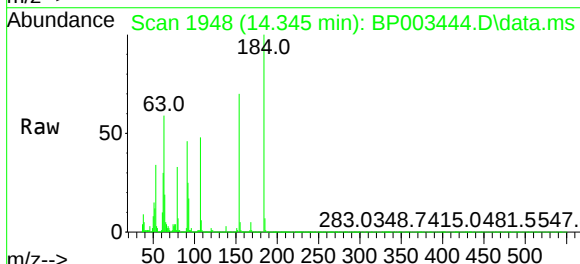
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

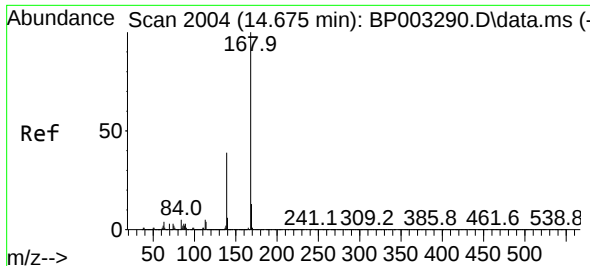
Tgt Ion:138 Resp: 106988
Ion Ratio Lower Upper
138 100
108 10.9 7.5 11.3
92 116.2 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 80.40 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:184 Resp: 174363
Ion Ratio Lower Upper
184 100
63 59.3 32.3 48.5#
154 69.6 49.1 73.7

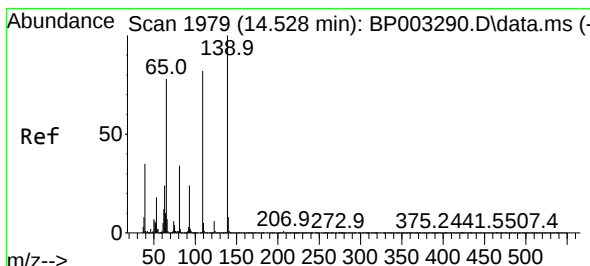
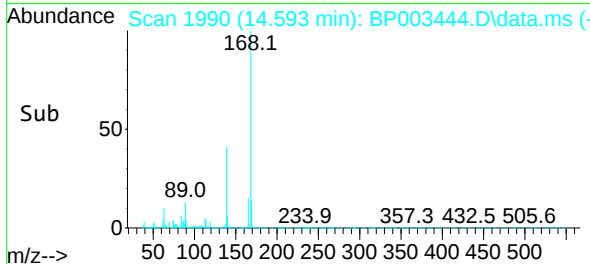
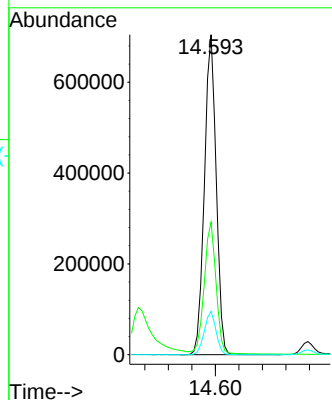
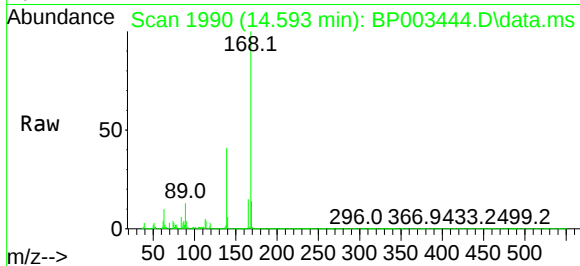




#55
Dibenzenofuran
Concen: 39.86 ng
RT: 14.593 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

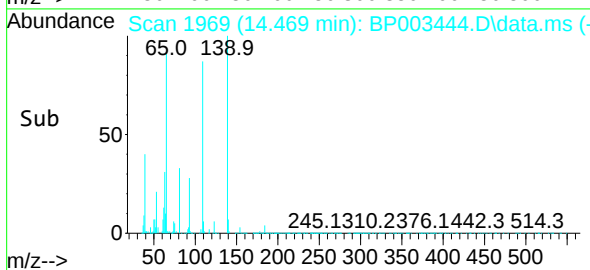
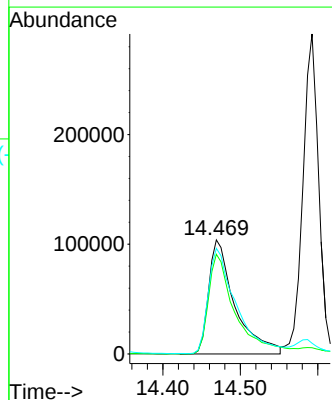
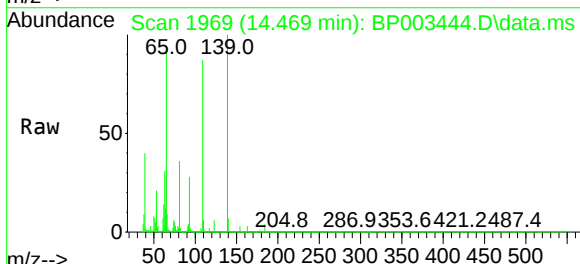
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

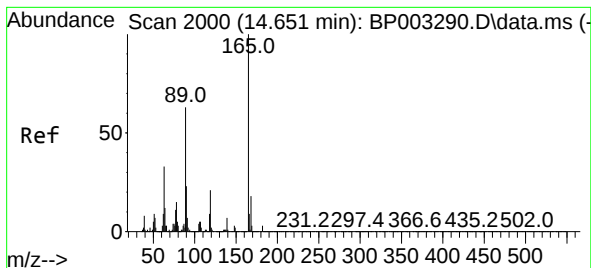
Tgt Ion:168 Resp: 977910
Ion Ratio Lower Upper
168 100
139 41.4 29.1 43.7
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 80.56 ng
RT: 14.469 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:139 Resp: 244402
Ion Ratio Lower Upper
139 100
109 87.4 44.6 84.6#
65 92.5 41.6 81.6#

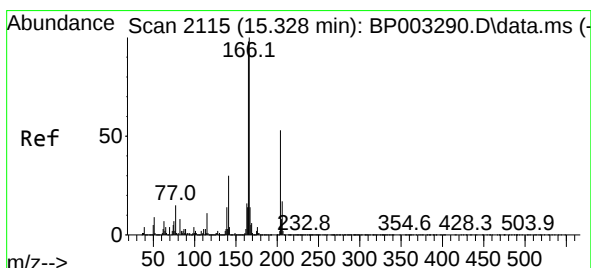
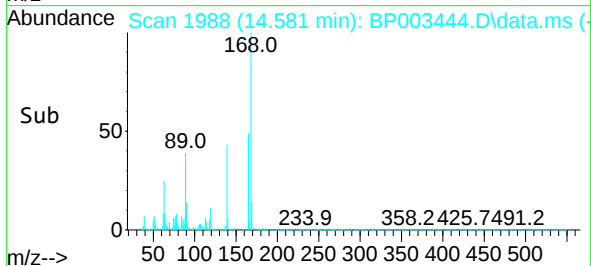
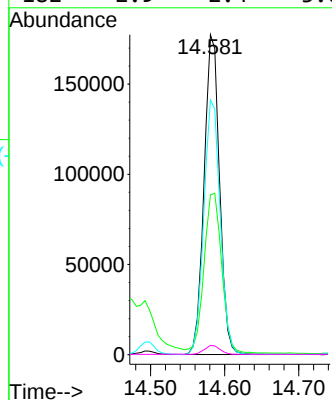
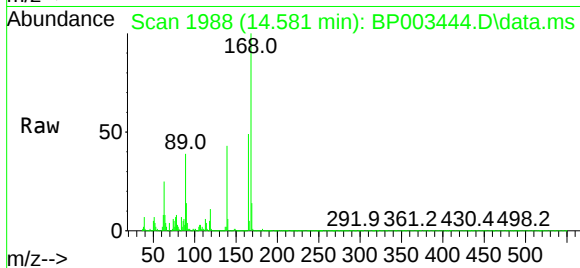




#57
2,4-Dinitrotoluene
Concen: 40.59 ng
RT: 14.581 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

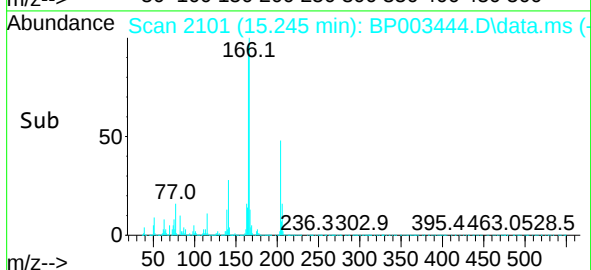
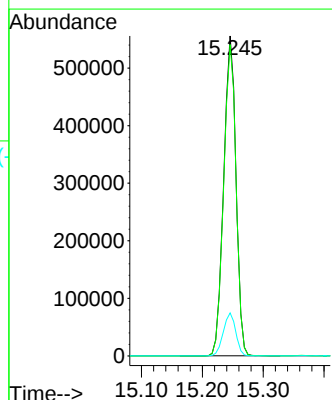
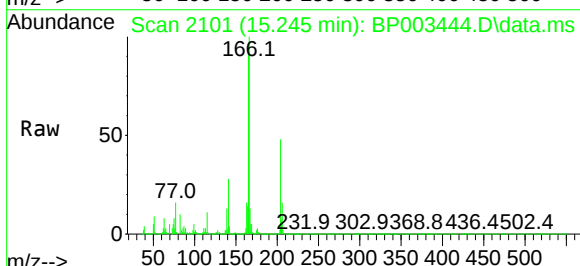
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

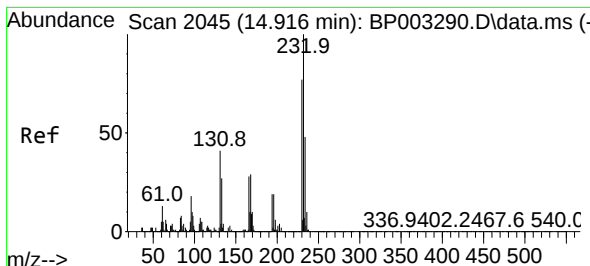
Tgt Ion:165 Resp: 257862
Ion Ratio Lower Upper
165 100
63 50.0 20.6 31.0#
89 79.6 42.6 63.8#
182 2.9 2.4 3.6



#58
Fluorene
Concen: 40.14 ng
RT: 15.245 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:166 Resp: 777721
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 13.4 11.0 16.4

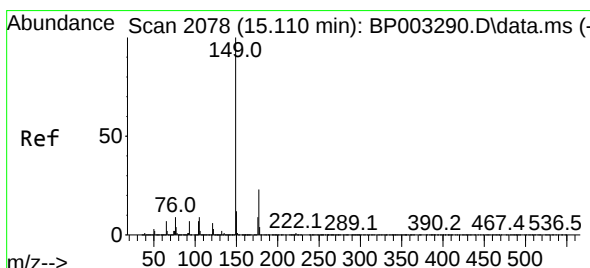
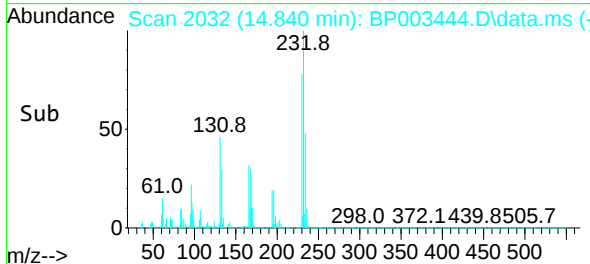
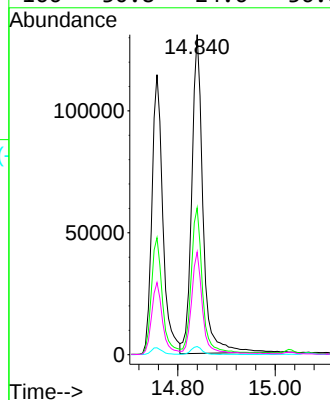
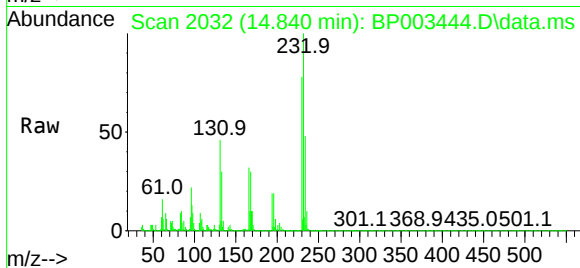




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.42 ng
RT: 14.840 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

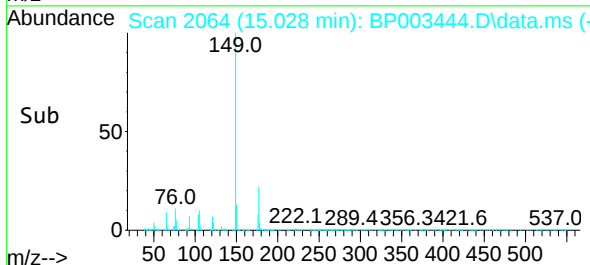
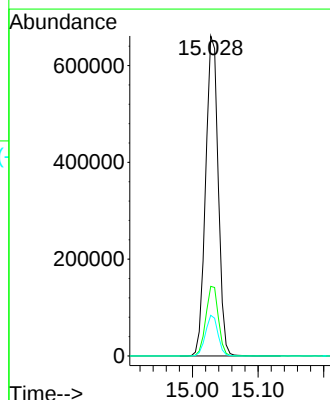
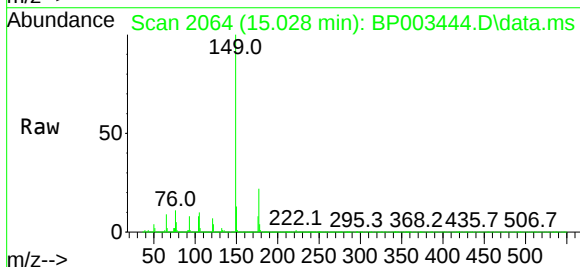
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

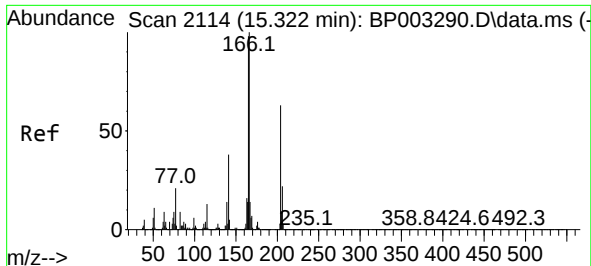
Tgt Ion:	232	Resp:	210535
Ion Ratio	Lower	Upper	
232	100		
131	45.1	34.1	51.1
130	2.5	1.8	2.8
166	30.8	24.6	36.8



#60
Diethylphthalate
Concen: 40.44 ng
RT: 15.028 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:	149	Resp:	881526
Ion Ratio	Lower	Upper	
149	100		
177	21.8	18.0	27.0
150	12.7	10.0	15.0

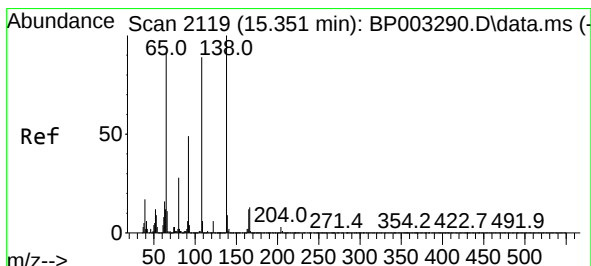
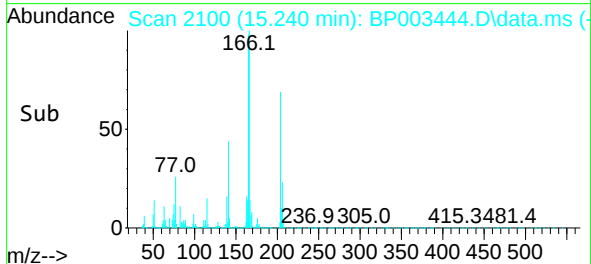
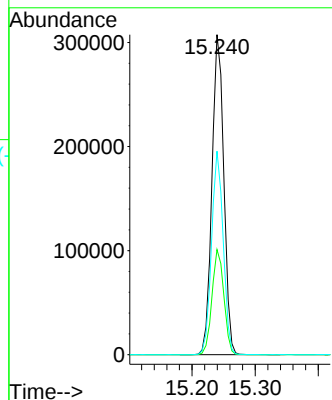
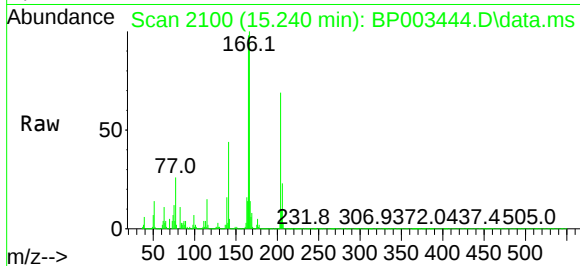




#61
4-Chlorophenyl-phenylether
Concen: 37.81 ng
RT: 15.240 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

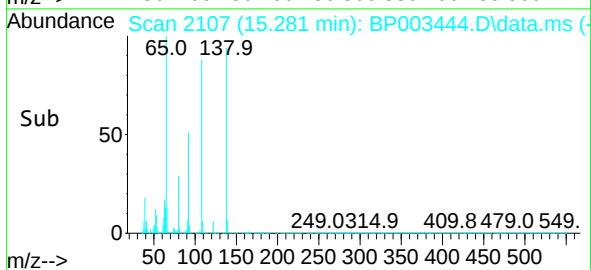
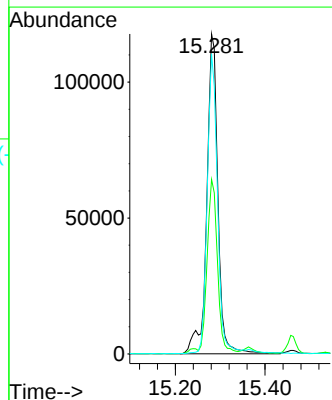
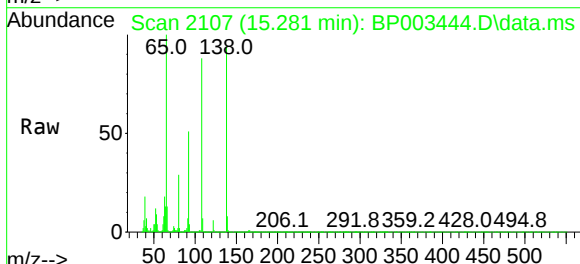
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

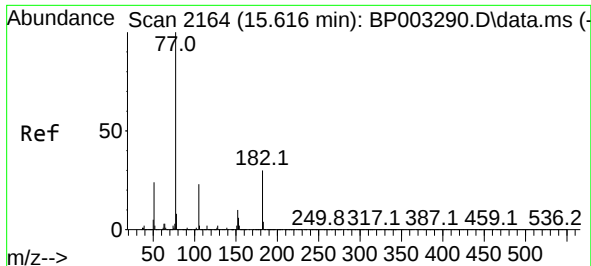
Tgt Ion:204 Resp: 399885
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 63.6 46.5 69.7



#62
4-Nitroaniline
Concen: 38.58 ng
RT: 15.281 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:138 Resp: 203218
Ion Ratio Lower Upper
138 100
92 54.6 20.7 60.7
108 93.8 47.8 87.8#

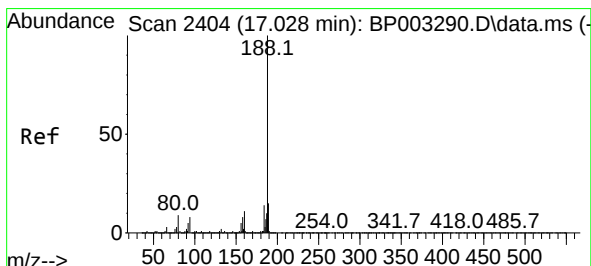
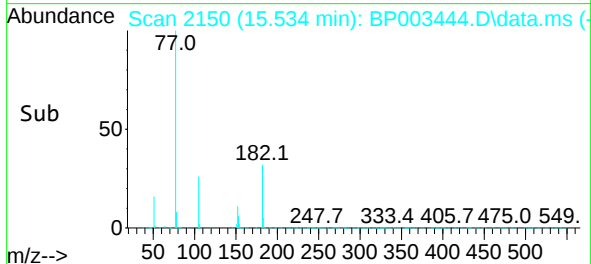
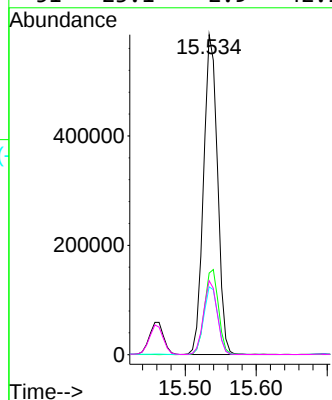
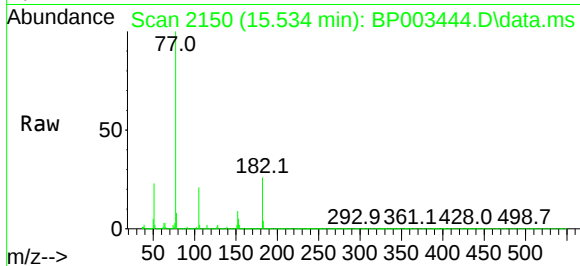




#63
Azobenzene
Concen: 48.17 ng
RT: 15.534 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

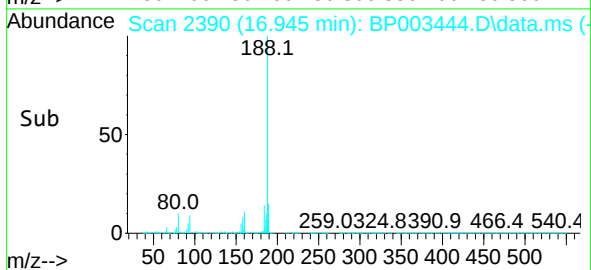
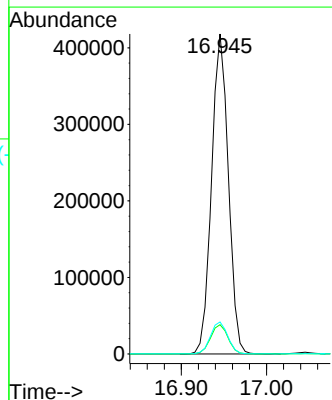
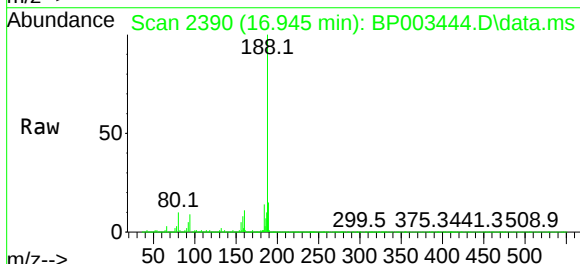
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

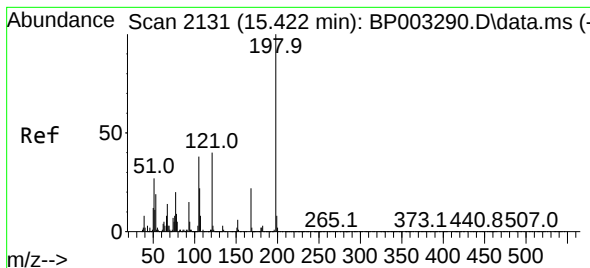
Tgt Ion: 77	Resp: 800500
Ion Ratio	Lower Upper
77 100	
182 25.5	16.9 56.9
105 21.2	5.6 45.6
51 23.1	2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion: 188	Resp: 571309
Ion Ratio	Lower Upper
188 100	
94 9.2	6.2 9.2
80 10.0	6.2 9.2#

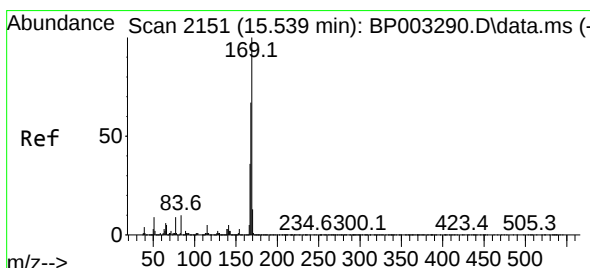
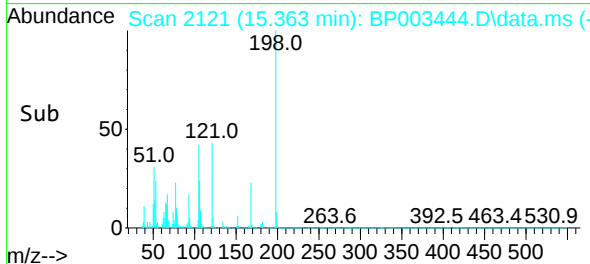
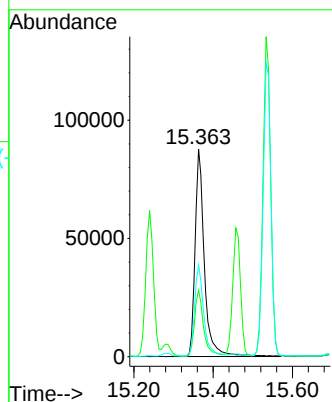
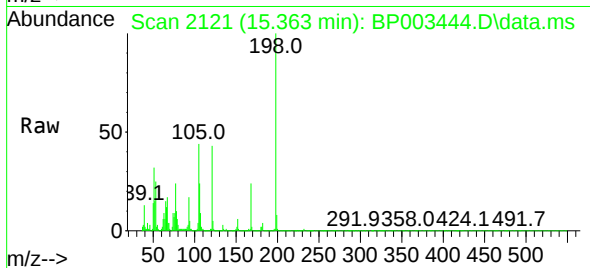




#65
4,6-Dinitro-2-methylphenol
Concen: 47.45 ng
RT: 15.363 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

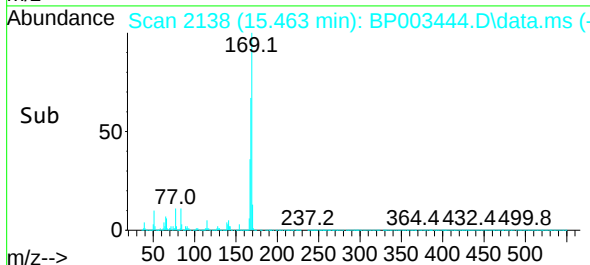
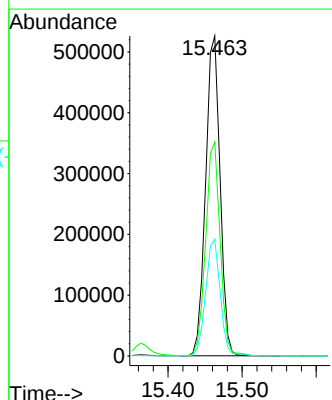
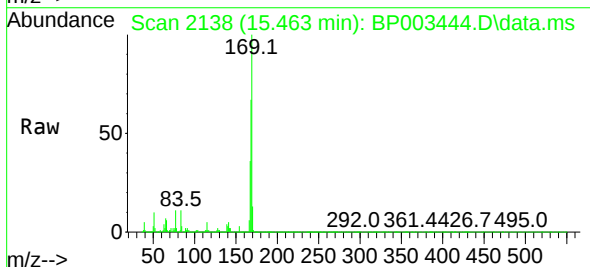
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

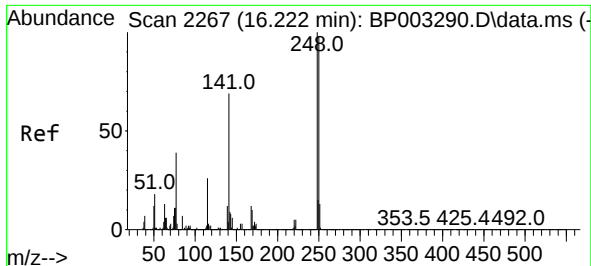
Tgt Ion:198 Resp: 143047
Ion Ratio Lower Upper
198 100
51 31.9 6.4 46.4
105 44.2 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 42.45 ng
RT: 15.463 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:169 Resp: 712436
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.4 28.9 43.3

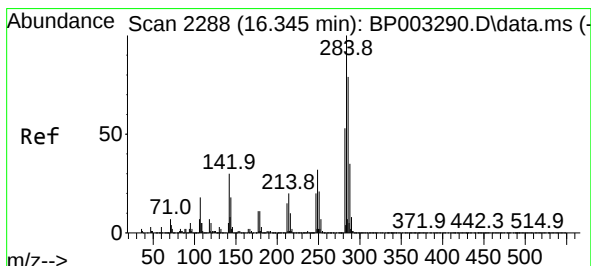
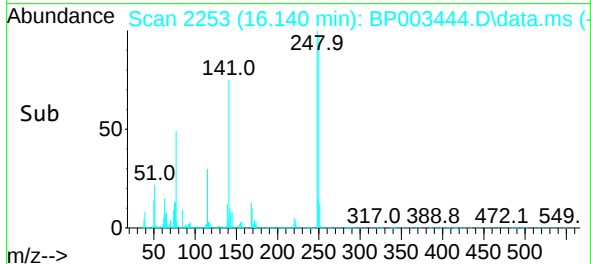
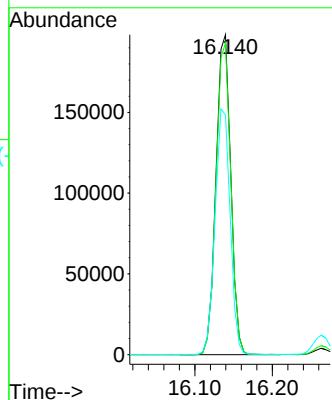
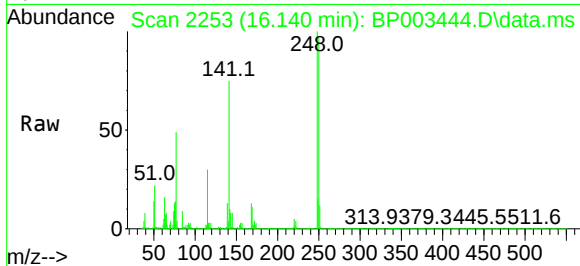




#67
4-Bromophenyl-phenylether
Concen: 38.02 ng
RT: 16.140 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

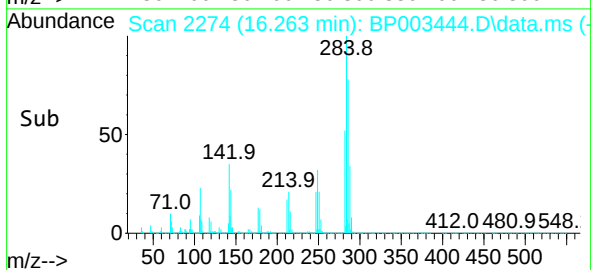
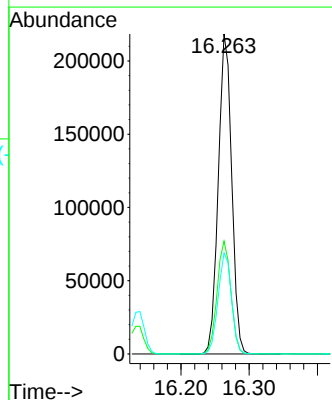
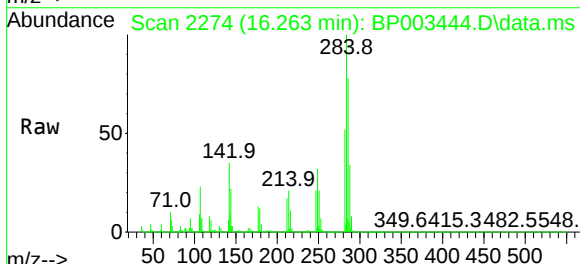
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

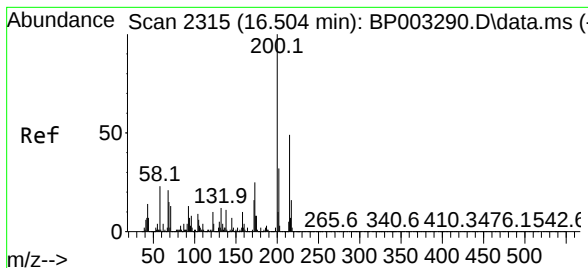
Tgt Ion:248 Resp: 262520
Ion Ratio Lower Upper
248 100
250 97.4 76.7 115.1
141 74.8 53.0 79.6



#68
Hexachlorobenzene
Concen: 36.35 ng
RT: 16.263 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:284 Resp: 298188
Ion Ratio Lower Upper
284 100
142 35.3 24.2 36.4
249 31.6 23.8 35.8





#69

Atrazine

Concen: 31.09 ng

RT: 16.422 min Scan# 2301

Delta R.T. -0.006 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:200 Resp: 204674

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

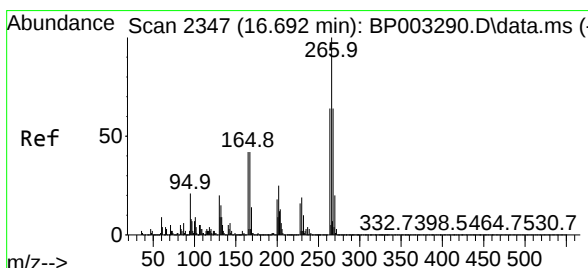
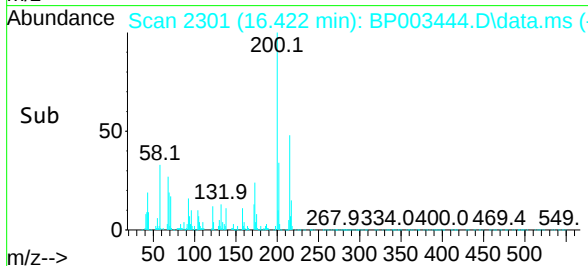
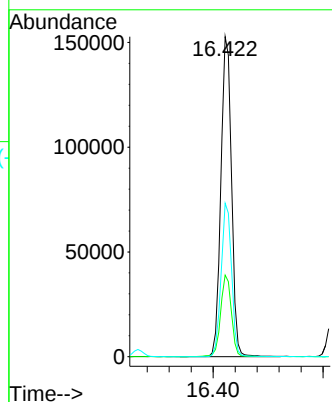
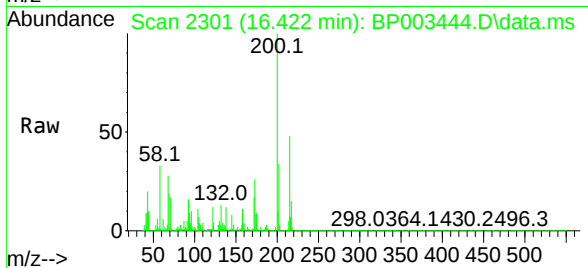
215 48.0 28.4 68.4

Instrument :

BNA_P

ClientSampleId :

CG-SOILMSD



#70

Pentachlorophenol

Concen: 66.26 ng

RT: 16.622 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

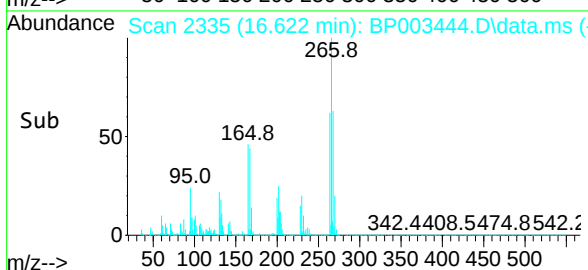
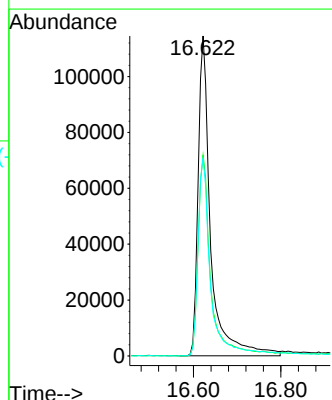
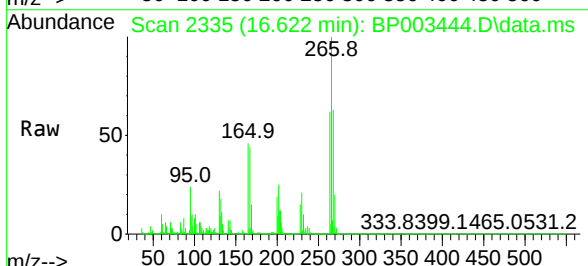
Tgt Ion:266 Resp: 228877

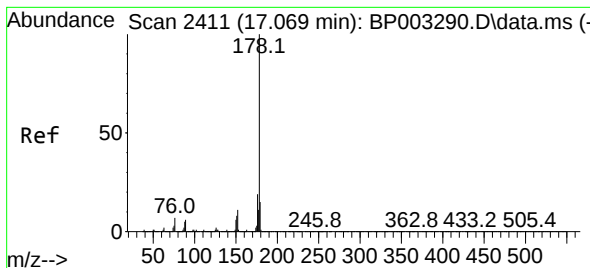
Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

264 61.7 50.6 76.0

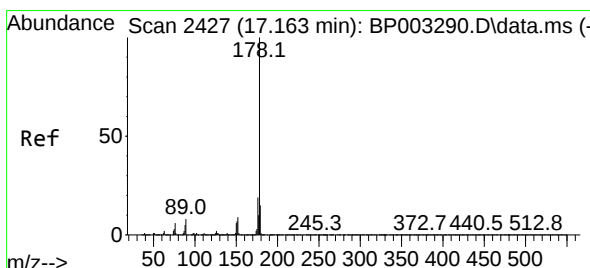
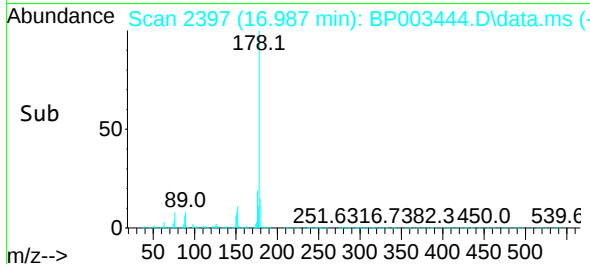
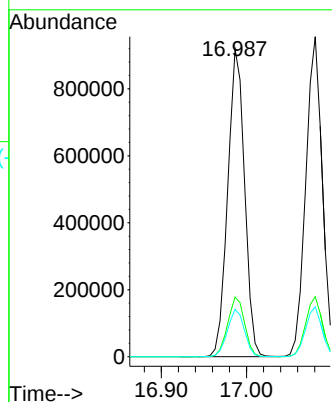
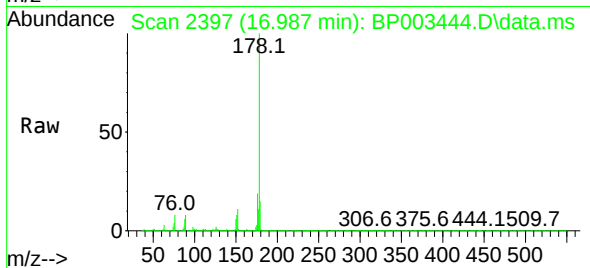




#71
Phenanthrene
Concen: 40.58 ng
RT: 16.987 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

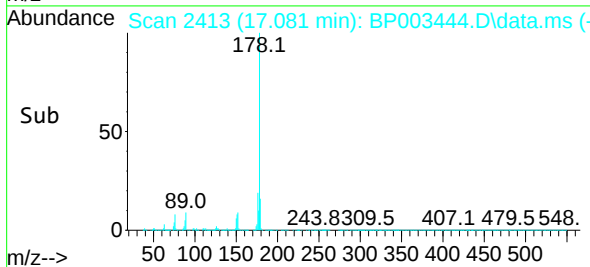
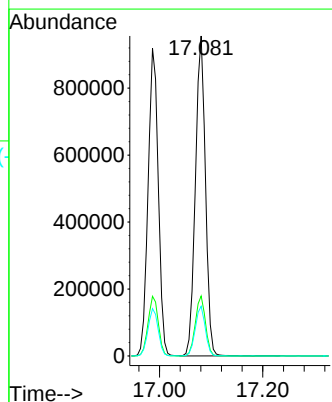
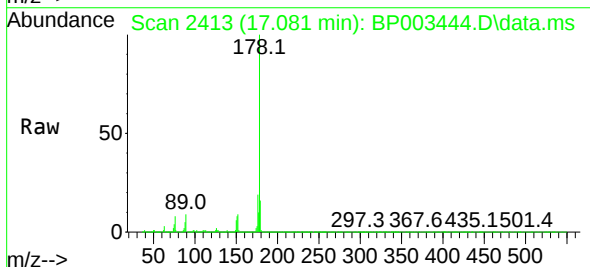
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

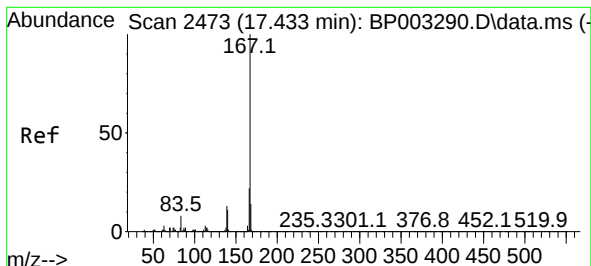
Tgt Ion:178 Resp: 1261459
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 41.99 ng
RT: 17.081 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:178 Resp: 1286313
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.5 18.7





#73

Carbazole

Concen: 40.74 ng

RT: 17.357 min Scan# 2460

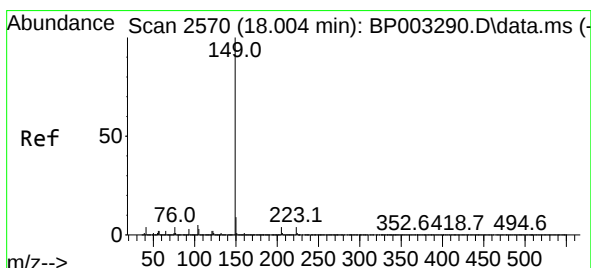
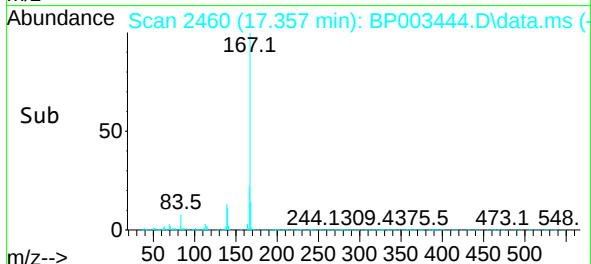
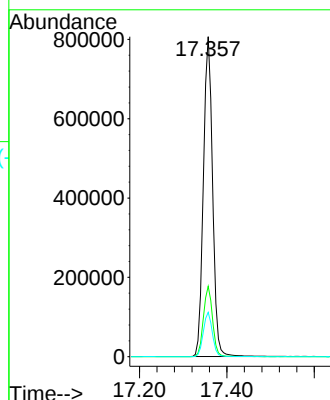
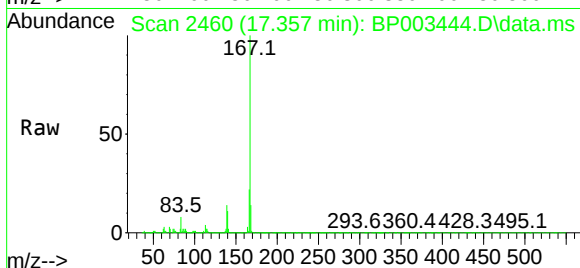
Delta R.T. -0.006 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:167 Resp: 1185536

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.8	10.2	15.4



#74

Di-n-butylphthalate

Concen: 40.76 ng

RT: 17.922 min Scan# 2556

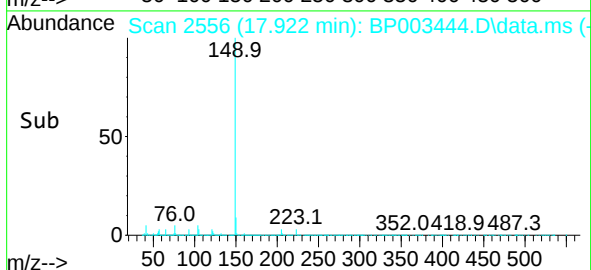
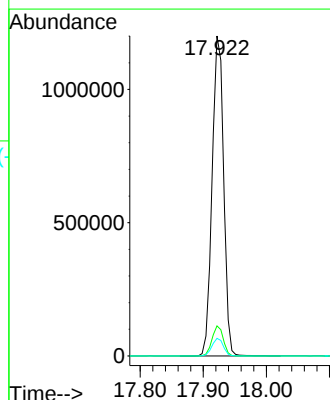
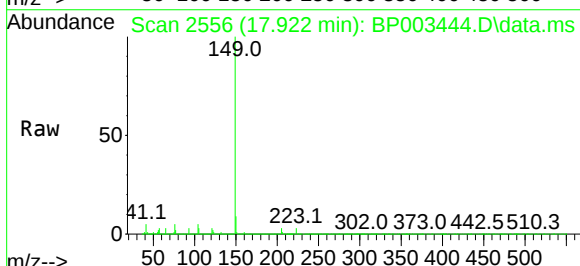
Delta R.T. -0.006 min

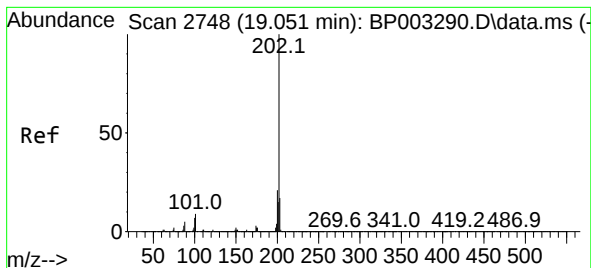
Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:149 Resp: 1516140

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.5	3.4	5.0#

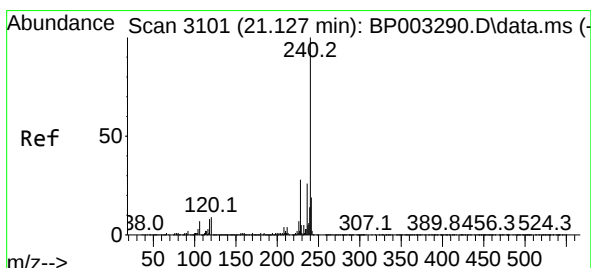
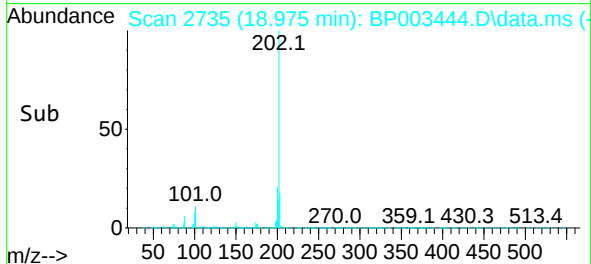
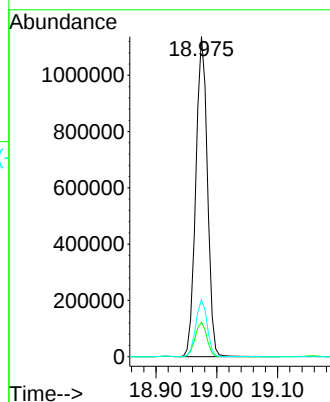
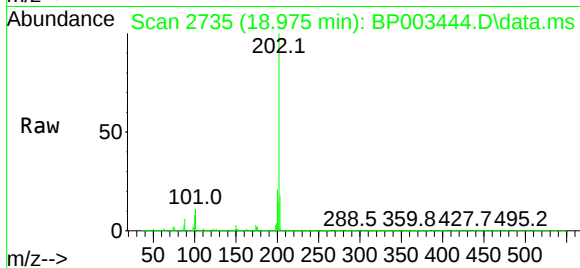




#75
Fluoranthene
Concen: 38.49 ng
RT: 18.975 min Scan# 2735
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

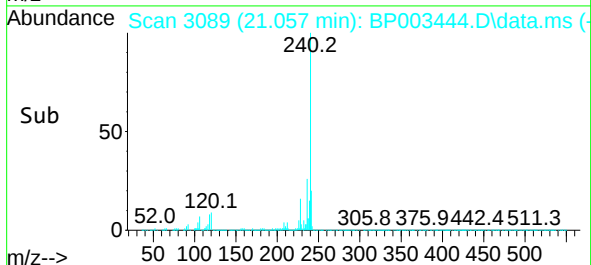
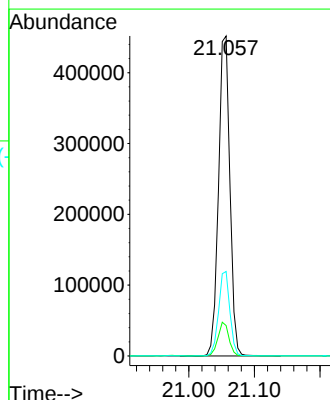
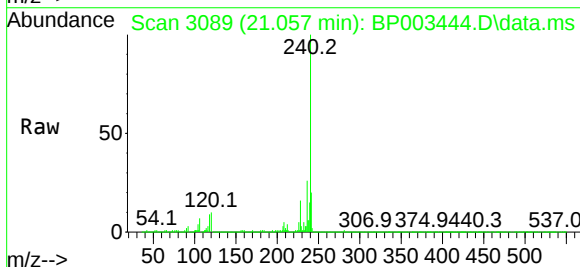
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

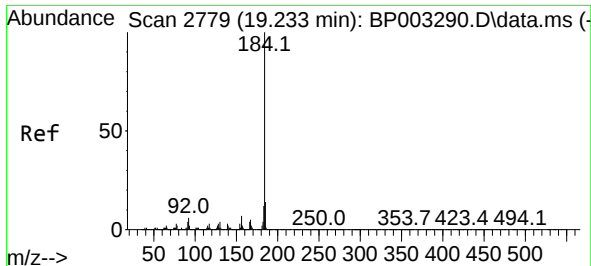
Tgt Ion:202 Resp: 1504398
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.057 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:240 Resp: 541092
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 26.4 20.8 31.2

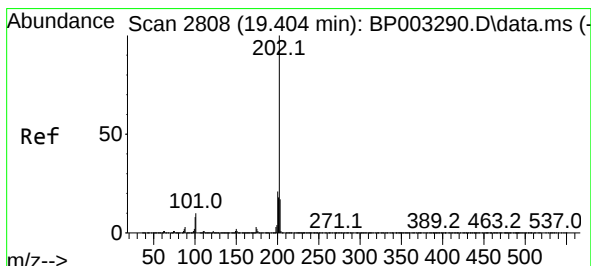
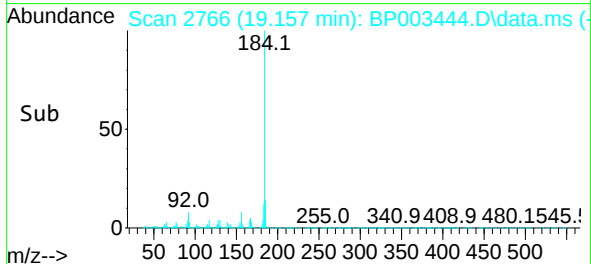
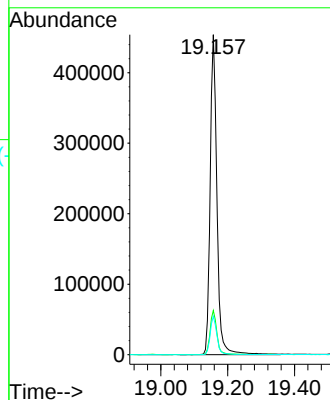
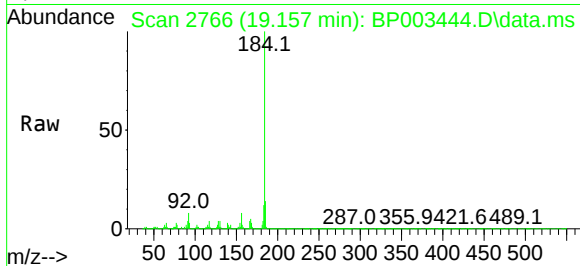




#77
Benzidine
Concen: 38.18 ng
RT: 19.157 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

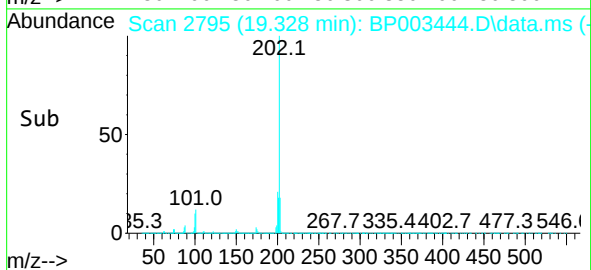
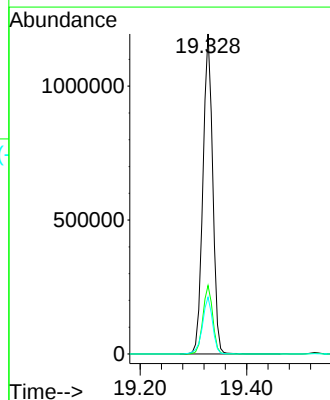
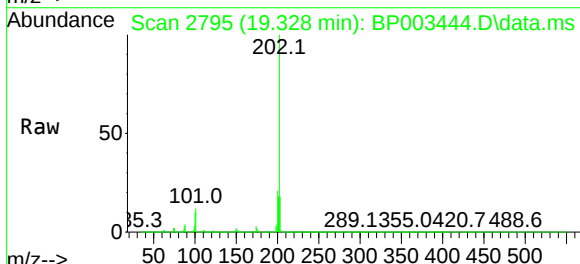
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

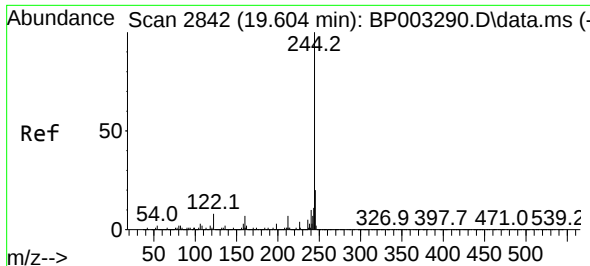
Tgt Ion:184 Resp: 640662
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 12.0 9.6 14.4



#78
Pyrene
Concen: 44.99 ng
RT: 19.328 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:202 Resp: 1518176
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.2 21.2

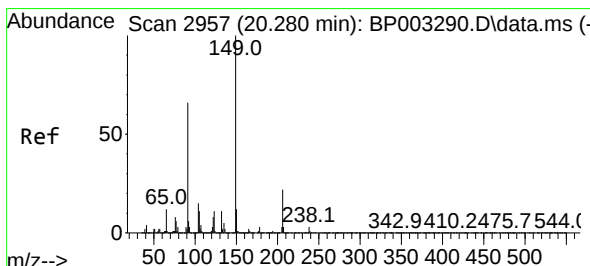
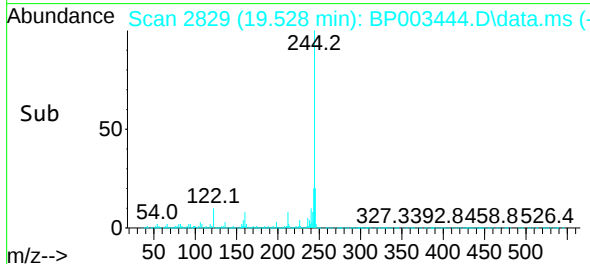
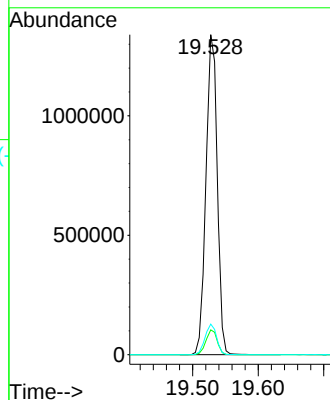
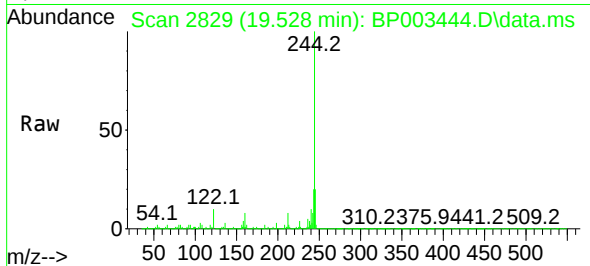




#79
 Terphenyl-d14
 Concen: 61.98 ng
 RT: 19.528 min Scan# 2829
 Delta R.T. -0.006 min
 Lab File: BP003444.D
 Acq: 01 Oct 2020 18:46

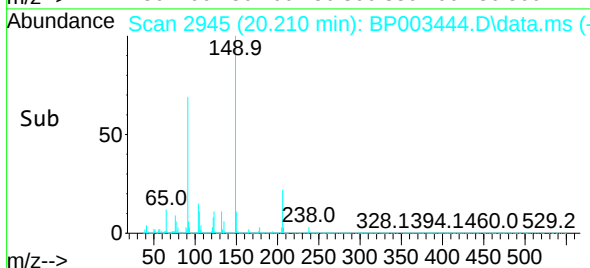
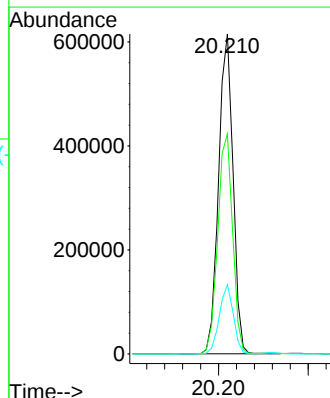
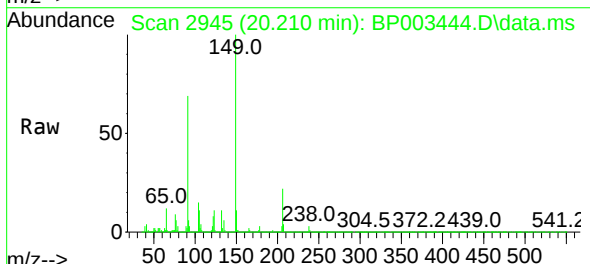
Instrument :
 BNA_P
 ClientSampleId :
 CG-SOILMSD

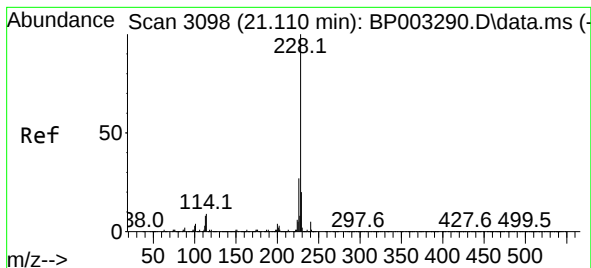
Tgt Ion:244 Resp: 1609558
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 9.5 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 44.53 ng
 RT: 20.210 min Scan# 2945
 Delta R.T. -0.006 min
 Lab File: BP003444.D
 Acq: 01 Oct 2020 18:46

Tgt Ion:149 Resp: 687452
 Ion Ratio Lower Upper
 149 100
 91 68.7 45.4 68.0#
 206 21.7 17.1 25.7

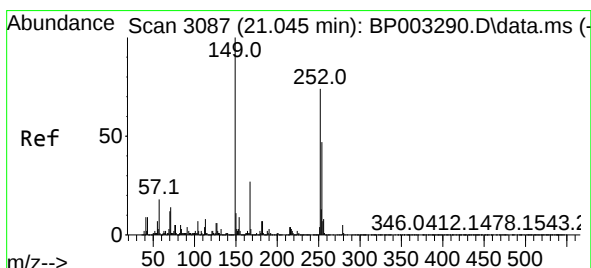
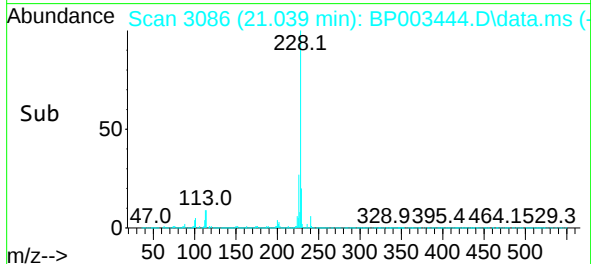
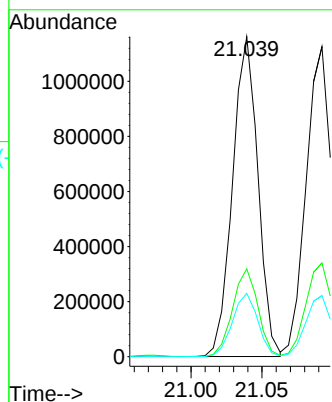
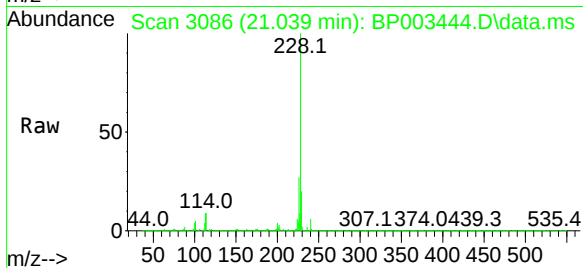




#81
Benzo(a)anthracene
Concen: 41.30 ng
RT: 21.039 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

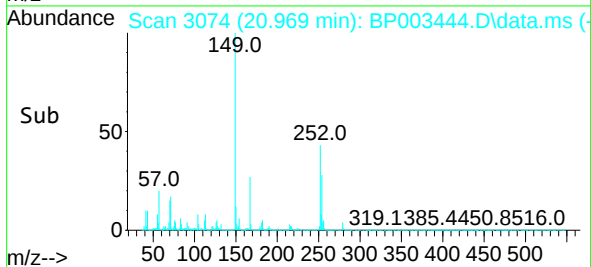
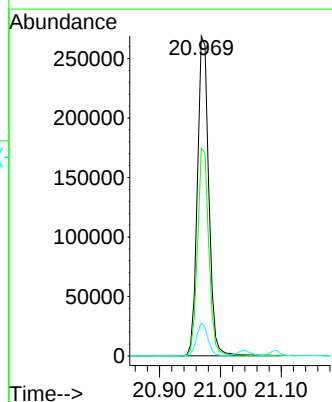
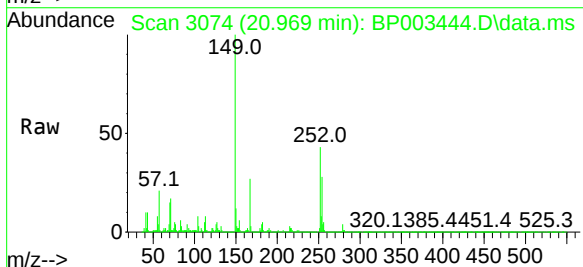
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

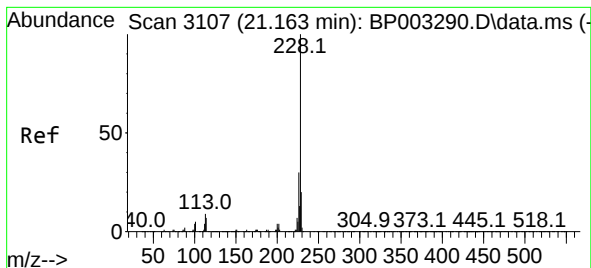
Tgt Ion:228 Resp: 1444541
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 25.77 ng
RT: 20.969 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:252 Resp: 348328
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 10.3 7.9 11.9





#83

Chrysene

Concen: 41.67 ng

RT: 21.092 min Scan# 3095

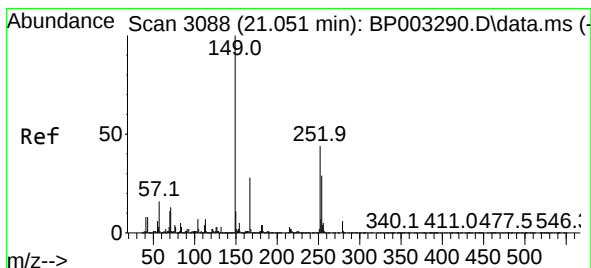
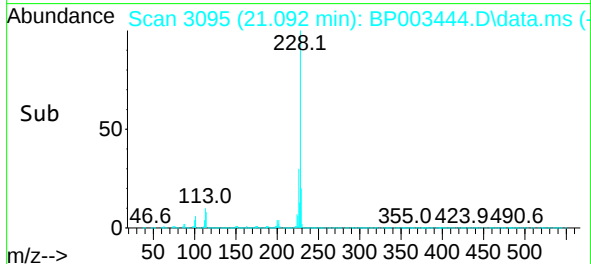
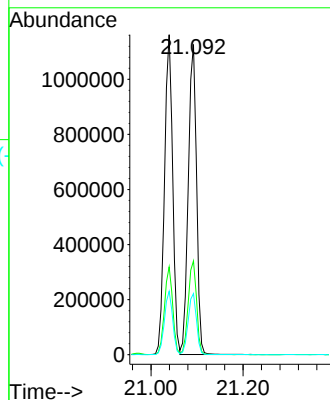
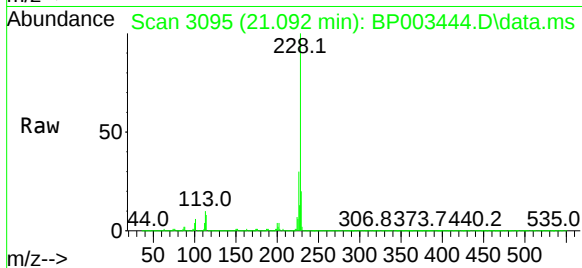
Delta R.T. -0.006 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:228 Resp: 1400458

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.7	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.58 ng

RT: 20.975 min Scan# 3075

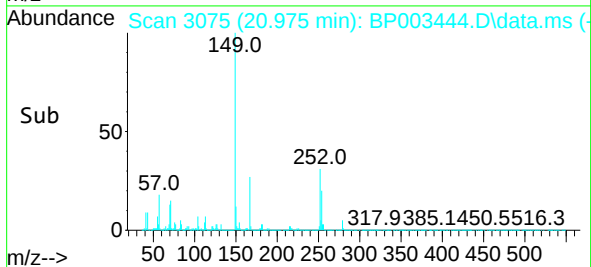
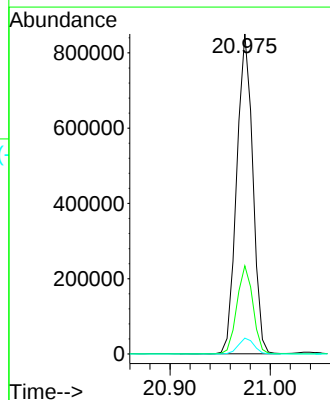
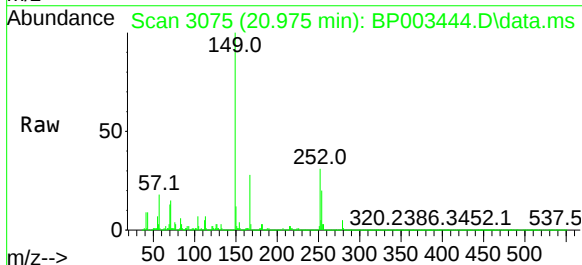
Delta R.T. -0.006 min

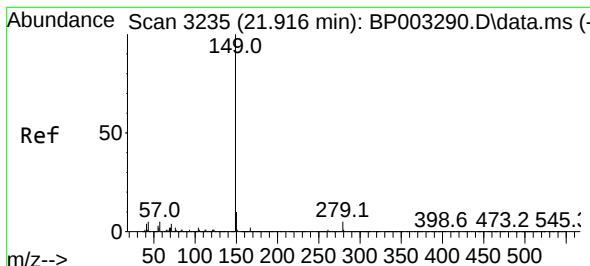
Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:149 Resp: 947246

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	5.0	4.2	6.2

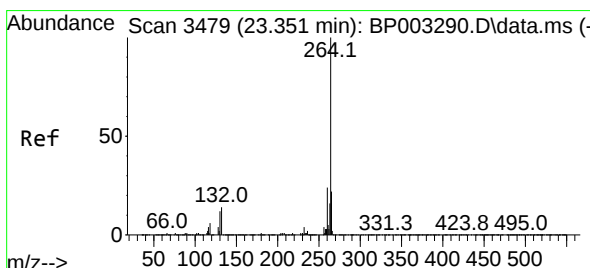
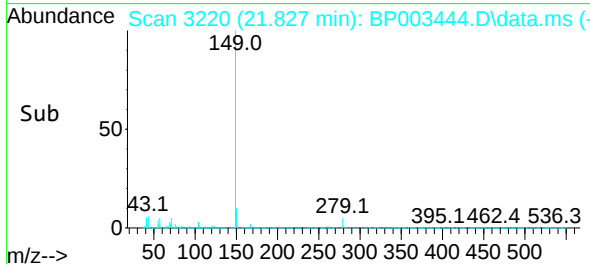
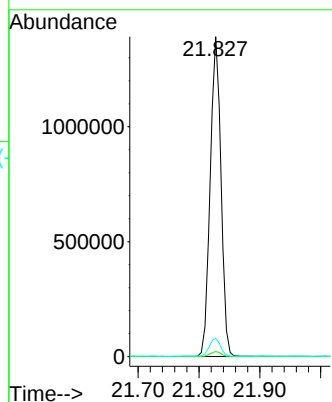
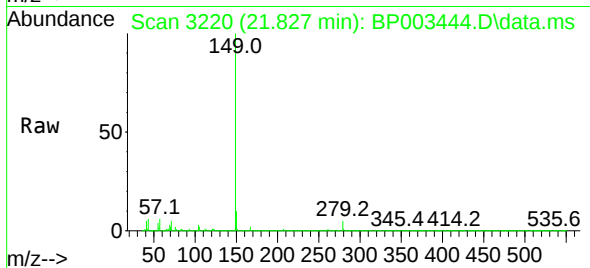




#85
Di-n-octyl phthalate
Concen: 43.03 ng
RT: 21.827 min Scan# 3220
Delta R.T. -0.012 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

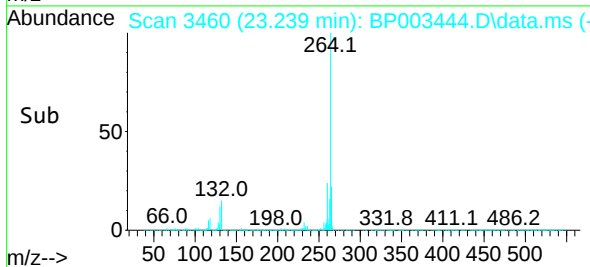
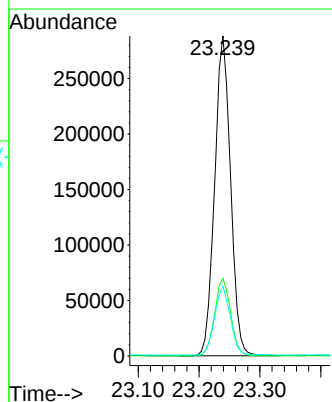
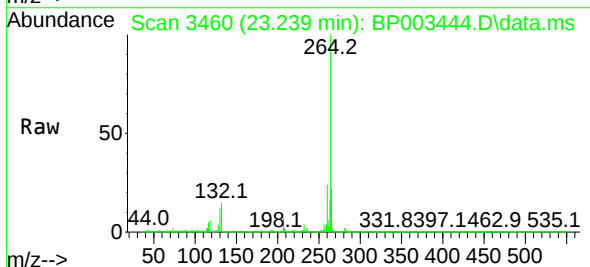
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

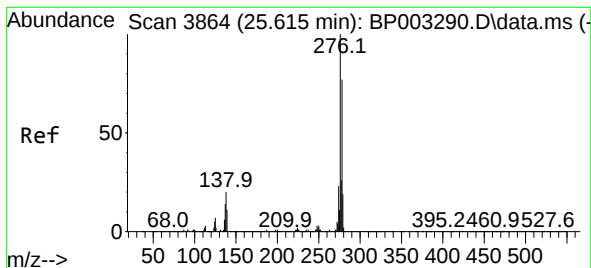
Tgt Ion:149 Resp: 1708807
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.8 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.239 min Scan# 3460
Delta R.T. -0.018 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:264 Resp: 522472
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.01 ng

RT: 25.468 min Scan# 3839

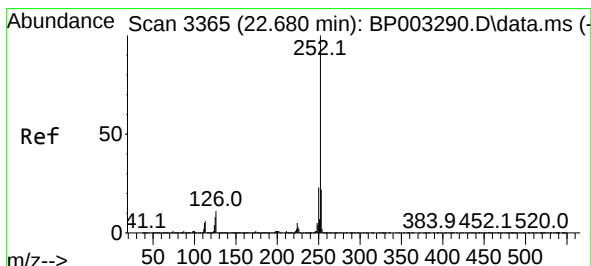
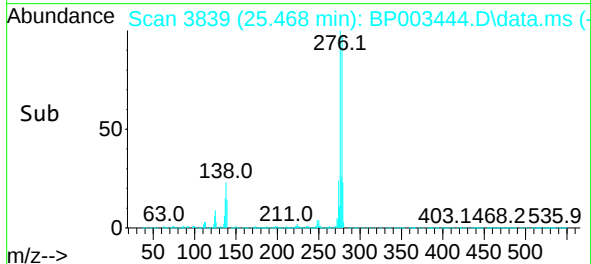
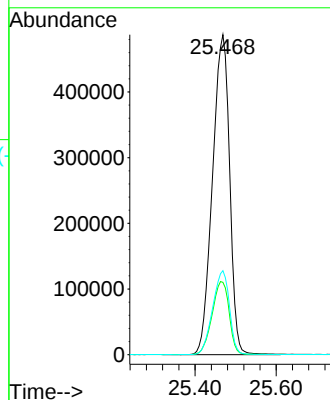
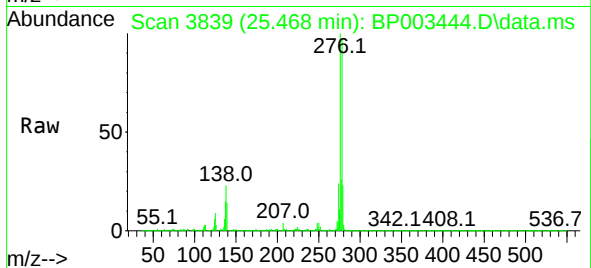
Delta R.T. -0.029 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:276 Resp: 1426002

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.7	28.1
277	25.7	20.4	30.6



#88

Benzo(b)fluoranthene

Concen: 46.08 ng

RT: 22.586 min Scan# 3349

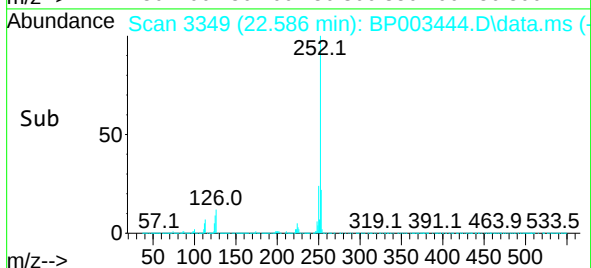
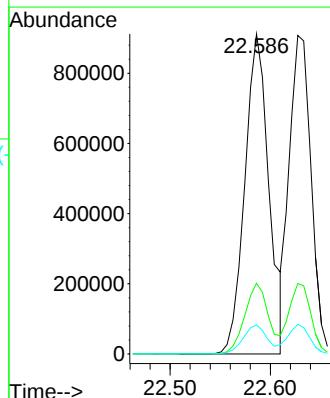
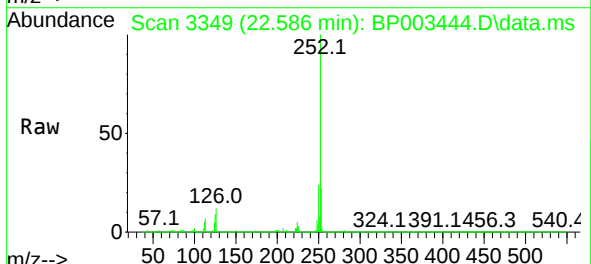
Delta R.T. -0.006 min

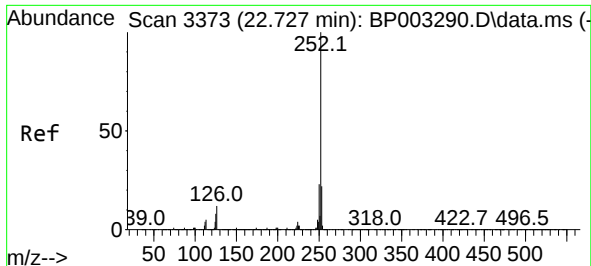
Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:252 Resp: 1520346

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.1	7.3	10.9

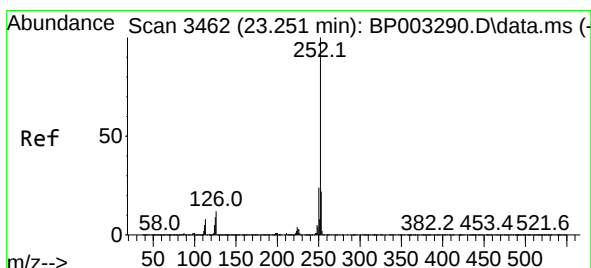
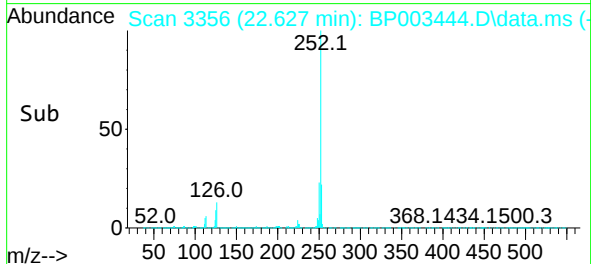
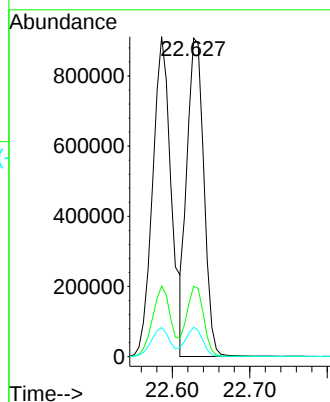
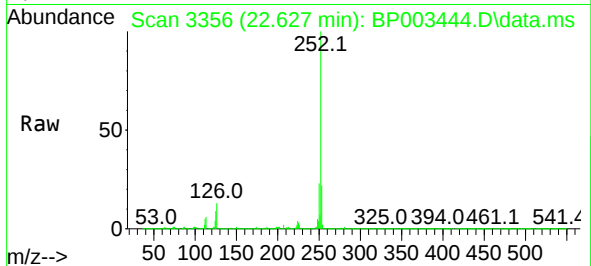




#89
Benzo(k)fluoranthene
Concen: 43.30 ng
RT: 22.627 min Scan# 3356
Delta R.T. -0.018 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

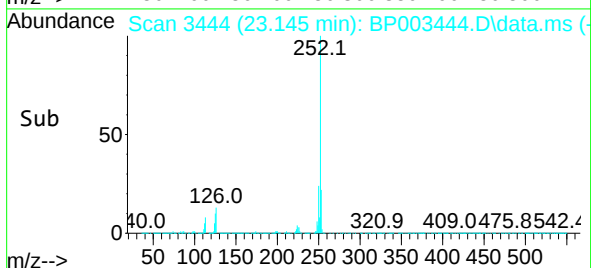
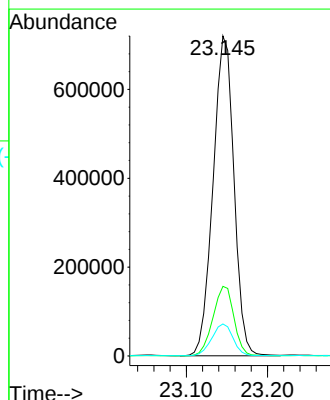
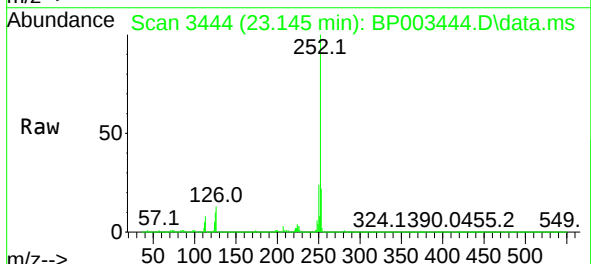
Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

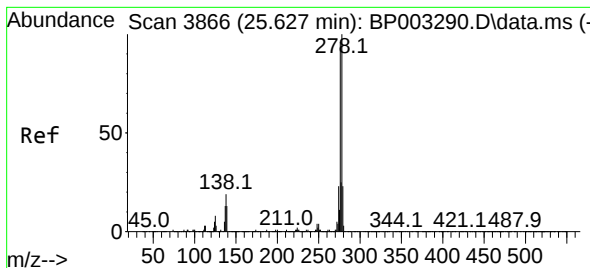
Tgt Ion:252 Resp: 1369190
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.43 ng
RT: 23.145 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BP003444.D
Acq: 01 Oct 2020 18:46

Tgt Ion:252 Resp: 1289034
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.0 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 36.65 ng

RT: 25.468 min Scan# 3839

Delta R.T. -0.041 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Instrument :

BNA_P

ClientSampleId :

CG-SOILMSD

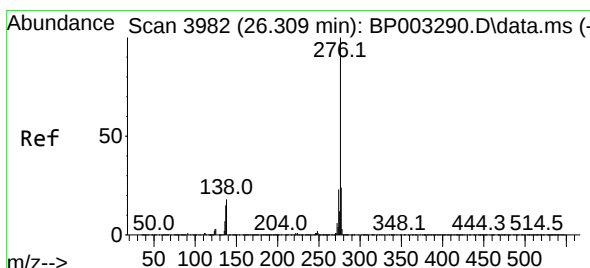
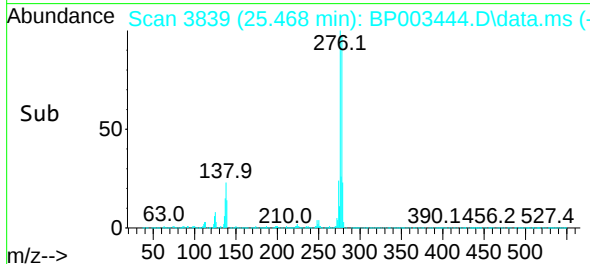
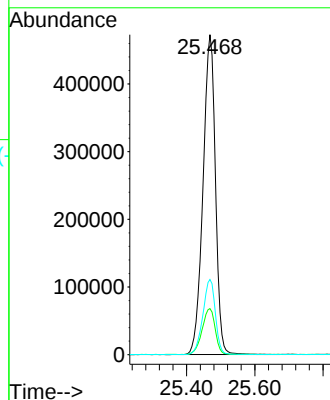
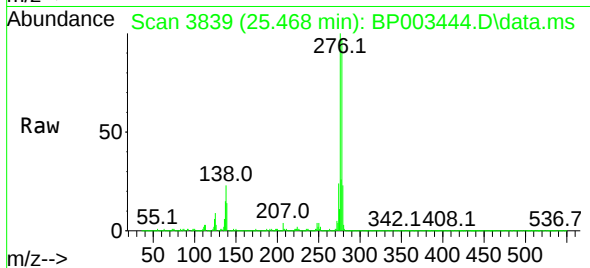
Tgt Ion:278 Resp: 1197699

Ion Ratio Lower Upper

278 100

139 14.4 12.4 18.6

279 23.5 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 36.45 ng

RT: 26.145 min Scan# 3954

Delta R.T. -0.053 min

Lab File: BP003444.D

Acq: 01 Oct 2020 18:46

Tgt Ion:276 Resp: 1189219

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 18.4 16.6 24.8

