

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
 Data File : BP006460.D
 Acq On : 02 Aug 2021 20:39
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Quant Time: Aug 03 05:09:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 05:06:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	227564	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	937843	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	541572	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1071504	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1088943	20.000	ng	# 0.00
86) Perylene-d12	23.569	264	1112170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1585827	108.675	ng	0.00
7) Phenol-d6	6.940	99	2176139	105.629	ng	0.00
23) Nitrobenzene-d5	8.916	82	994230	49.981	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	613811	110.843	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1776959	49.181	ng	0.00
79) Terphenyl-d14	19.716	244	2650344	49.008	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	34801	5.382	ng	91
3) Pyridine	3.711	79	82616	4.424	ng	90
4) n-Nitrosodimethylamine	3.623	42	34749	4.926	ng	# 77
6) Aniline	7.099	93	122077	5.421	ng	93
8) 2-Chlorophenol	7.328	128	78165	4.952	ng	92
9) Benzaldehyde	6.911	77	85042	6.587	ng	87
10) Phenol	6.963	94	100941	4.863	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	79351	4.994	ng	90
12) 1,3-Dichlorobenzene	7.652	146	83335	5.002	ng	97
13) 1,4-Dichlorobenzene	7.799	146	85498	5.073	ng	99
14) 1,2-Dichlorobenzene	8.111	146	80138	4.949	ng	94
15) Benzyl Alcohol	8.005	79	71014	4.603	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.299	45	94484	5.039	ng	93
17) 2-Methylphenol	8.205	107	60678	4.672	ng	98
18) Hexachloroethane	8.828	117	33800	5.118	ng	# 85
19) n-Nitroso-di-n-propyla...	8.569	70	64944	4.754	ng	# 94
20) 3+4-Methylphenols	8.528	107	80207	4.528	ng	98
22) Acetophenone	8.581	105	123490	4.994	ng	# 96
24) Nitrobenzene	8.958	77	101294	4.906	ng	# 88
25) Isophorone	9.481	82	155480	4.378	ng	94
26) 2-Nitrophenol	9.663	139	29526	3.995	ng	93
27) 2,4-Dimethylphenol	9.728	122	66113	5.227	ng	96
28) bis(2-Chloroethoxy)met...	9.969	93	104187	5.365	ng	99
29) 2,4-Dichlorophenol	10.193	162	53992	4.223	ng	93
30) 1,2,4-Trichlorobenzene	10.410	180	68771	4.952	ng	93
31) Naphthalene	10.593	128	243023	4.864	ng	100
32) Benzoic acid	9.787	122	19506	2.031	ng	92
33) 4-Chloroaniline	10.710	127	93932	4.703	ng	96
34) Hexachlorobutadiene	10.875	225	38292	4.717	ng	98
35) Caprolactam	11.487	113	18208	3.884	ng	# 65
36) 4-Chloro-3-methylphenol	11.834	107	66347	4.160	ng	95
37) 2-Methylnaphthalene	12.204	142	160507	4.786	ng	98
38) 1-Methylnaphthalene	12.428	142	148932	4.676	ng	98
40) 1,2,4,5-Tetrachloroben...	12.575	216	69878	4.951	ng	# 95
41) Hexachlorocyclopentadiene	12.551	237	42384	5.666	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	37969	4.011	ng	96

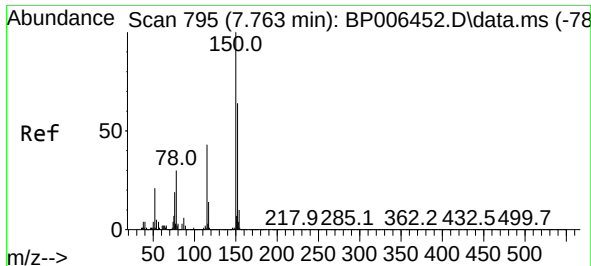
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
 Data File : BP006460.D
 Acq On : 02 Aug 2021 20:39
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Quant Time: Aug 03 05:09:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 05:06:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	45020	4.296	ng	# 88
46) 1,1'-Biphenyl	13.222	154	210114	5.132	ng	97
47) 2-Chloronaphthalene	13.263	162	151424	4.803	ng	96
48) 2-Nitroaniline	13.469	65	43555	4.119	ng	# 81
49) Acenaphthylene	14.110	152	237643	4.745	ng	98
50) Dimethylphthalate	13.857	163	190225	4.886	ng	99
51) 2,6-Dinitrotoluene	13.975	165	35506	4.191	ng	# 78
52) Acenaphthene	14.451	154	146224	4.734	ng	98
53) 3-Nitroaniline	14.298	138	38158	4.064	ng	# 73
54) 2,4-Dinitrophenol	14.504	184	13904	3.024	ng	# 84
55) Dibenzofuran	14.787	168	230649	4.768	ng	93
56) 4-Nitrophenol	14.604	139	31351	3.676	ng	88
57) 2,4-Dinitrotoluene	14.757	165	42971	3.800	ng	# 73
58) Fluorene	15.440	166	180286	4.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	37474	4.263	ng	# 72
60) Diethylphthalate	15.222	149	191671	4.735	ng	98
61) 4-Chlorophenyl-phenyle...	15.440	204	84725	4.852	ng	# 88
62) 4-Nitroaniline	15.457	138	40084	4.035	ng	88
63) Azobenzene	15.734	77	205193	4.389	ng	92
65) 4,6-Dinitro-2-methylph...	15.516	198	18854	2.941	ng	68
66) n-Nitrosodiphenylamine	15.657	169	153977	4.641	ng	98
67) 4-Bromophenyl-phenylether	16.334	248	47545	4.628	ng	# 85
68) Hexachlorobenzene	16.439	284	56945	4.919	ng	# 90
69) Atrazine	16.616	200	50756	4.973	ng	94
70) Pentachlorophenol	16.787	266	28394	3.945	ng	99
71) Phenanthrene	17.181	178	290568	4.835	ng	98
72) Anthracene	17.275	178	275742	4.789	ng	99
73) Carbazole	17.545	167	261923	4.479	ng	98
74) Di-n-butylphthalate	18.116	149	286251	4.335	ng	99
75) Fluoranthene	19.157	202	307971	4.604	ng	93
77) Benzidine	19.345	184	158710	5.921	ng	98
78) Pyrene	19.510	202	325372	4.532	ng	99
80) Butylbenzylphthalate	20.404	149	119523	3.853	ng	87
81) Benzo(a)anthracene	21.222	228	325924	4.649	ng	99
82) 3,3'-Dichlorobenzidine	21.163	252	108764	5.853	ng	# 97
83) Chrysene	21.275	228	324120	4.745	ng	99
84) Bis(2-ethylhexyl)phtha...	21.169	149	196112	4.093	ng	# 96
85) Di-n-octyl phthalate	22.074	149	290894	3.585	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.968	276	365940	4.586	ng	# 88
88) Benzo(b)fluoranthene	22.857	252	321857	4.508	ng	# 95
89) Benzo(k)fluoranthene	22.904	252	322310	4.654	ng	# 96
90) Benzo(a)pyrene	23.463	252	296457	4.638	ng	# 95
91) Dibenzo(a,h)anthracene	25.992	278	320768	4.642	ng	# 93
92) Benzo(g,h,i)perylene	26.710	276	309366	4.669	ng	# 88

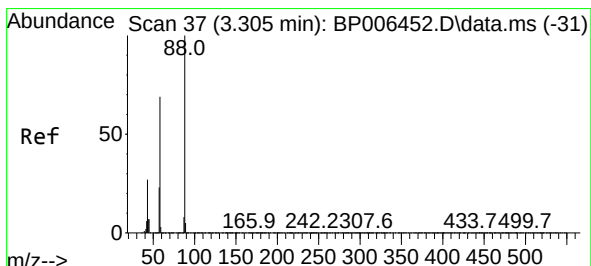
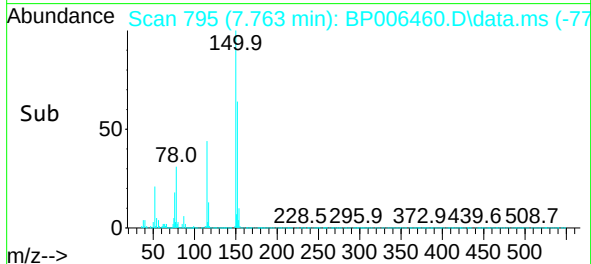
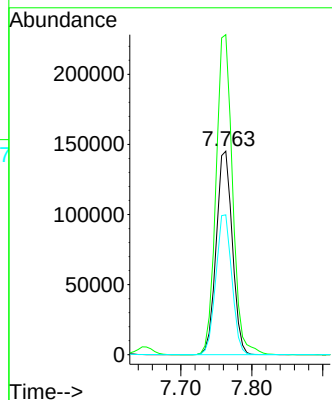
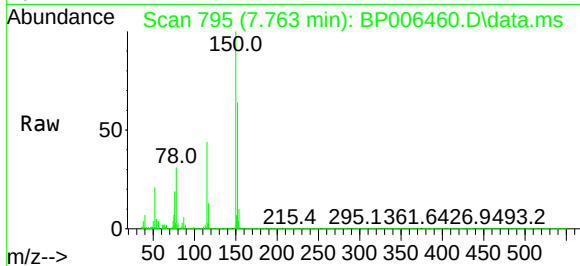
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP006460.D
 Acq: 02 Aug 2021 20:39

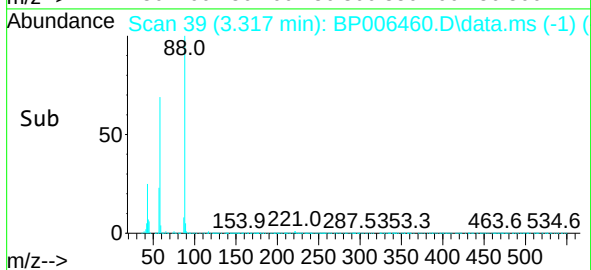
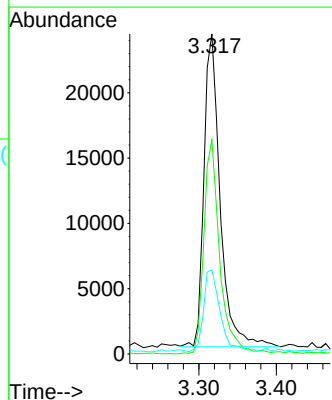
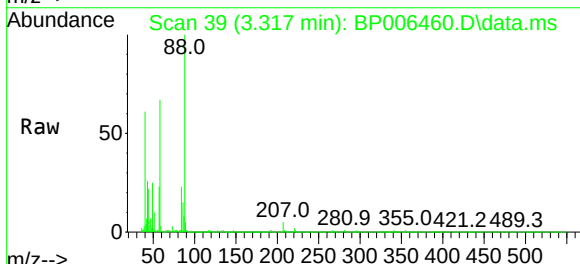
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

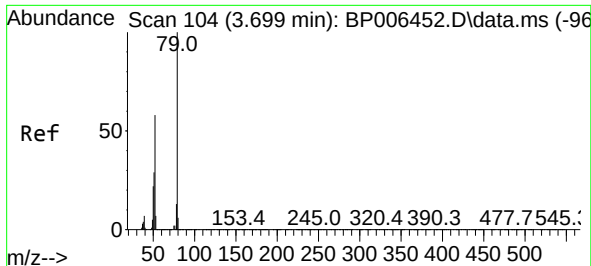
Tgt Ion:152 Resp: 227564
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.6 188.4
 115 68.7 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.382 ng
 RT: 3.317 min Scan# 39
 Delta R.T. 0.012 min
 Lab File: BP006460.D
 Acq: 02 Aug 2021 20:39

Tgt Ion: 88 Resp: 34801
 Ion Ratio Lower Upper
 88 100
 58 66.9 46.7 70.1
 43 26.7 20.3 30.5

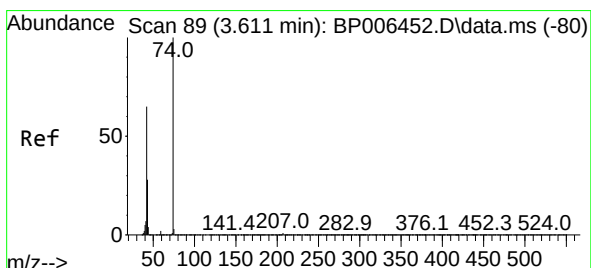
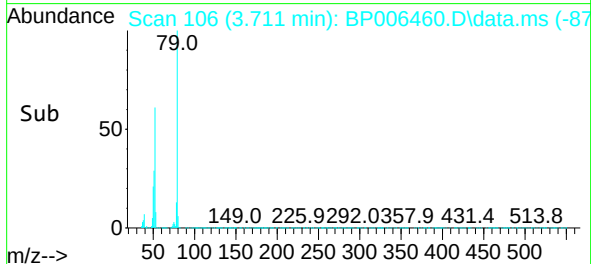
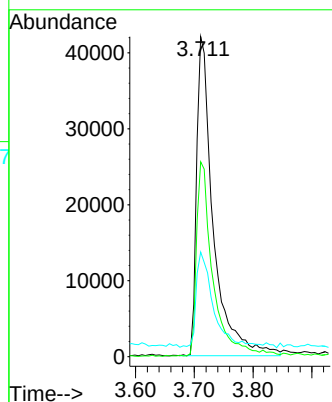
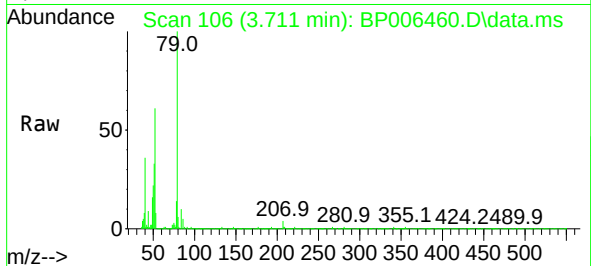




#3
Pyridine
Concen: 4.424 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.012 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

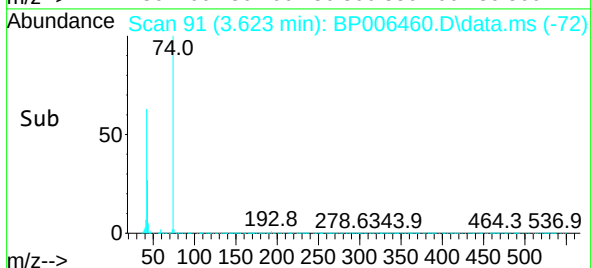
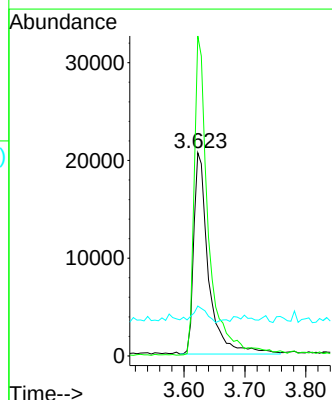
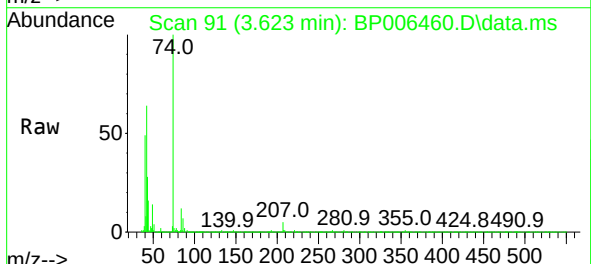
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

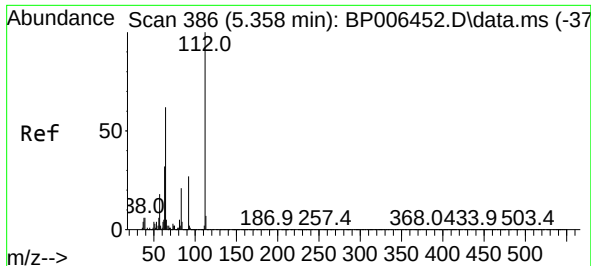
Tgt Ion: 79 Resp: 82616
Ion Ratio Lower Upper
79 100
52 60.9 41.7 62.5
51 32.7 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 4.926 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 42 Resp: 34749
Ion Ratio Lower Upper
42 100
74 157.4 105.4 158.0
44 24.6 4.2 6.4

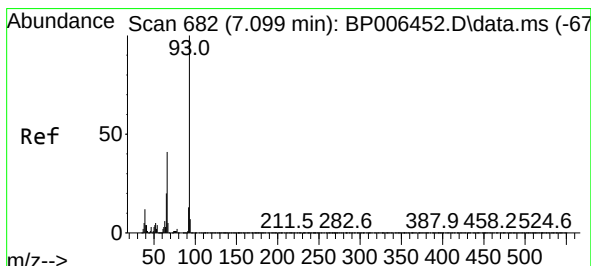
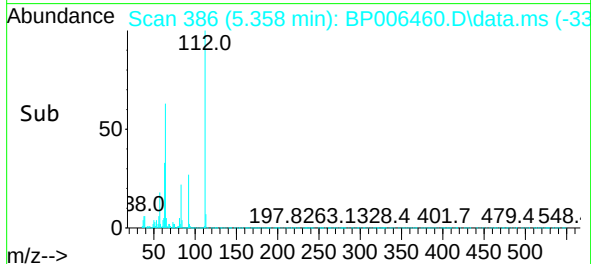
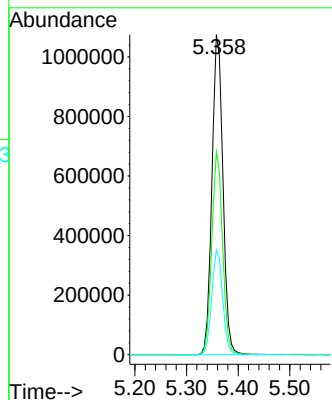
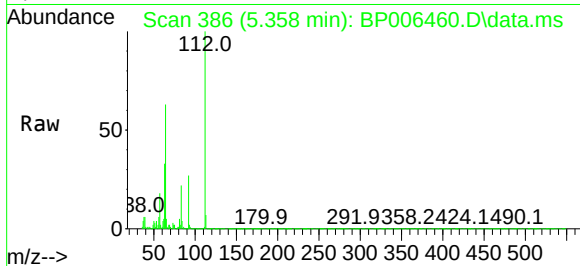




#5
2-Fluorophenol
Concen: 108.675 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

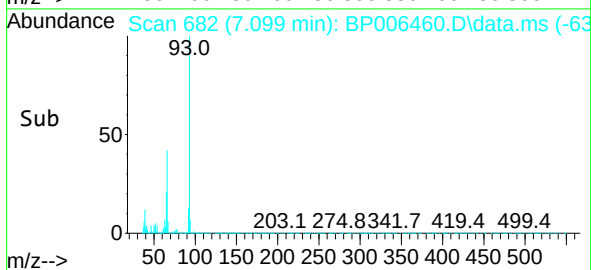
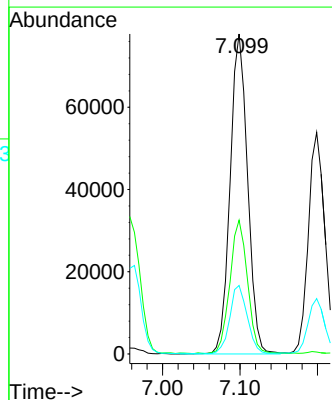
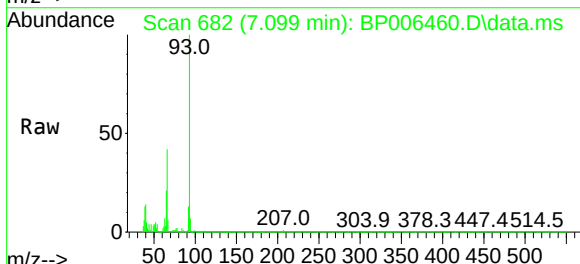
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

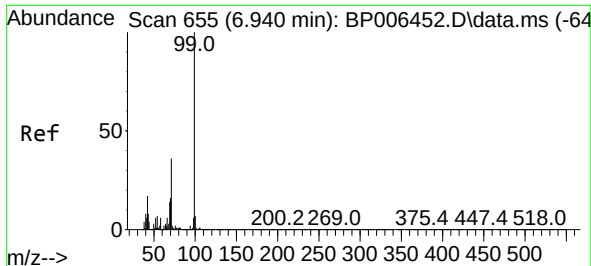
Tgt Ion:112 Resp: 1585827
Ion Ratio Lower Upper
112 100
64 63.5 41.4 62.2#
63 32.8 23.8 35.8



#6
Aniline
Concen: 5.421 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 93 Resp: 122077
Ion Ratio Lower Upper
93 100
66 41.8 29.7 44.5
65 21.4 15.3 22.9



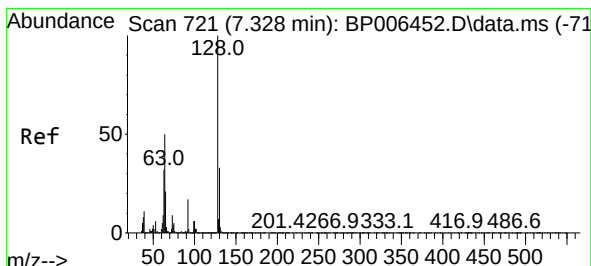
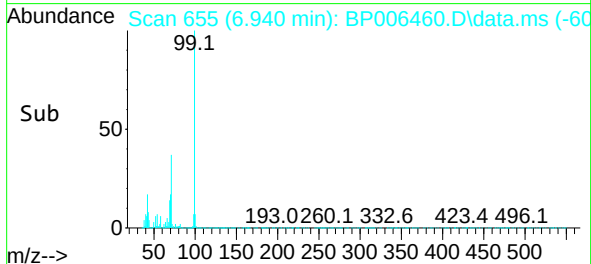
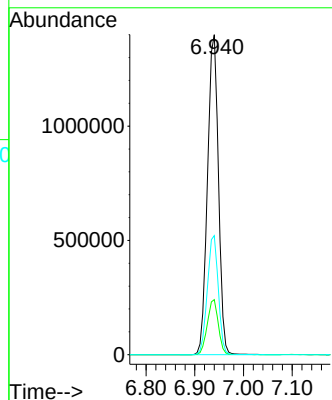
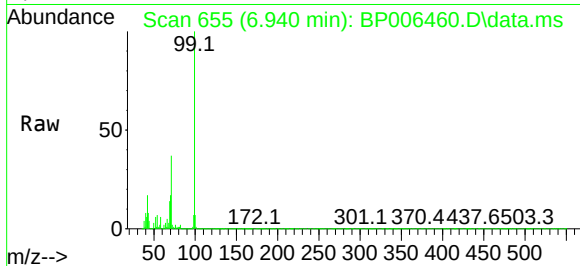


#7
Phenol-d6
Concen: 105.629 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Tgt Ion: 99 Resp: 2176139

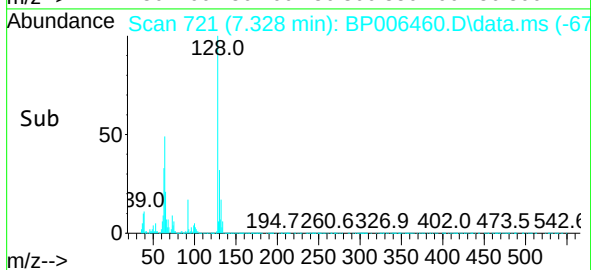
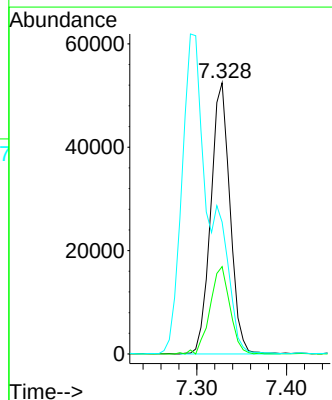
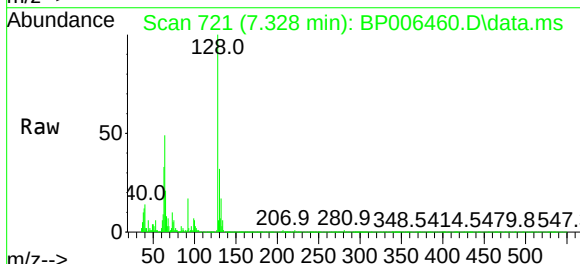
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.0
71	37.2	30.6	46.0

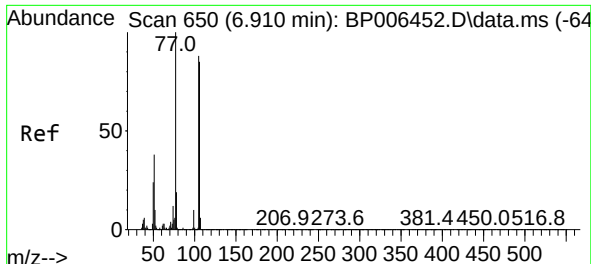


#8
2-Chlorophenol
Concen: 4.952 ng
RT: 7.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 128 Resp: 78165

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	48.6	20.3	60.3

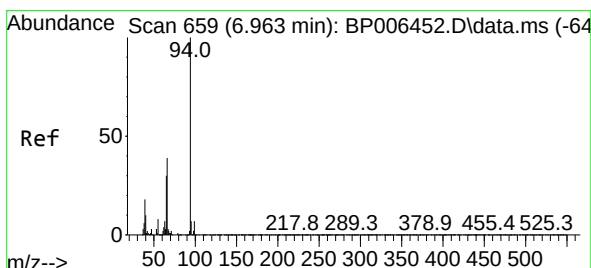
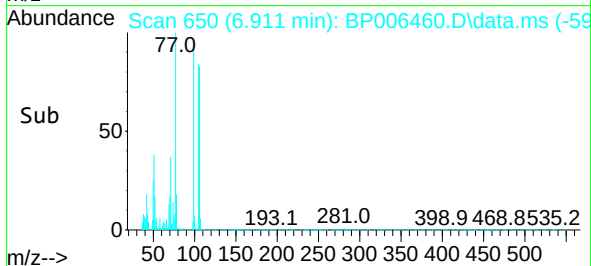
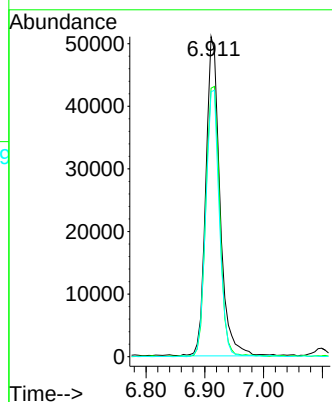
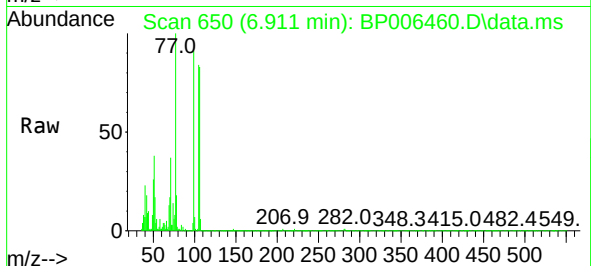




#9
Benzaldehyde
Concen: 6.587 ng
RT: 6.911 min Scan# 650
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

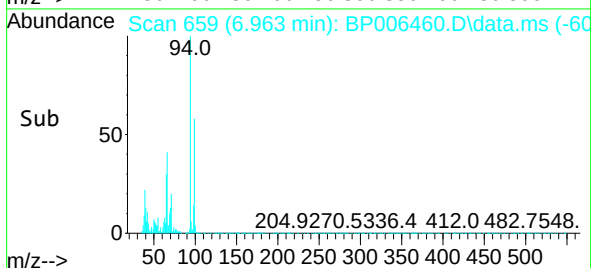
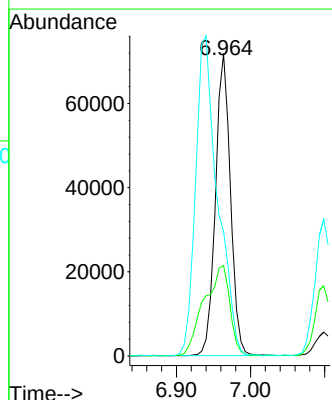
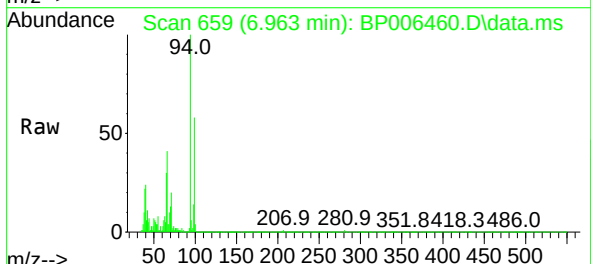
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

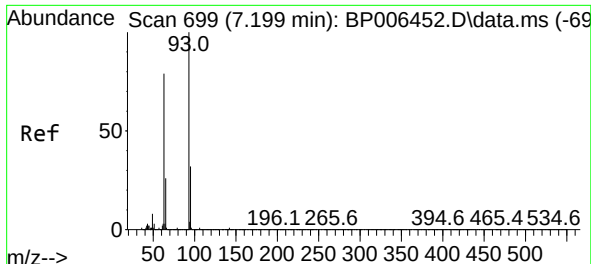
Tgt Ion: 77 Resp: 85042
Ion Ratio Lower Upper
77 100
105 83.9 76.7 116.7
106 82.8 76.2 116.2



#10
Phenol
Concen: 4.863 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 94 Resp: 100941
Ion Ratio Lower Upper
94 100
65 30.0 8.8 48.8
66 41.2 20.7 60.7

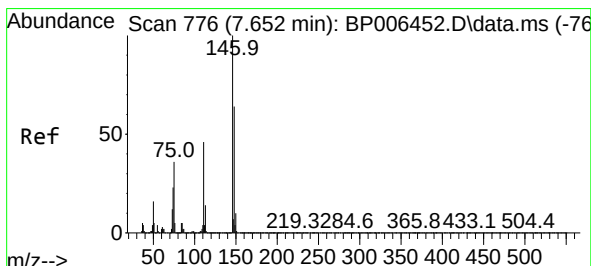
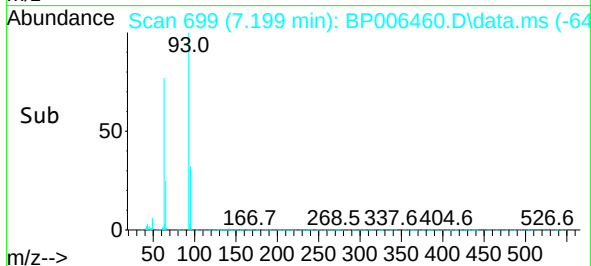
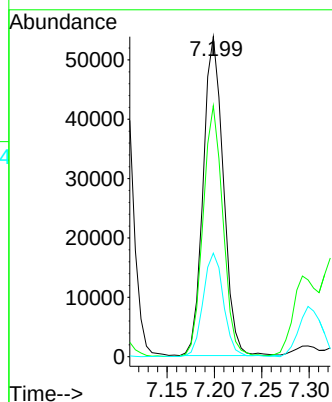
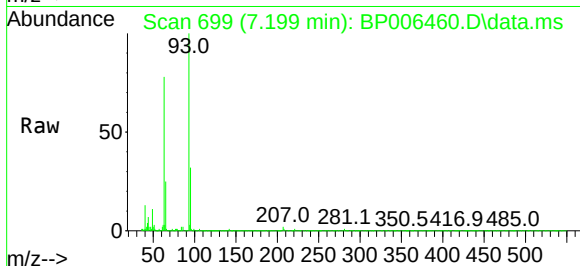




#11
bis(2-Chloroethyl)ether
Concen: 4.994 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

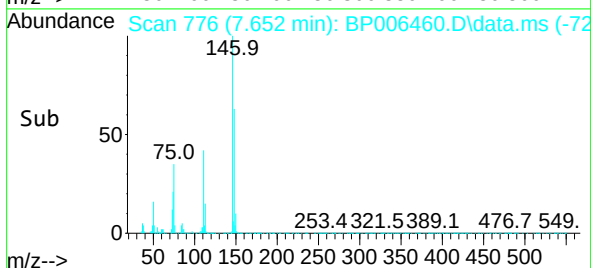
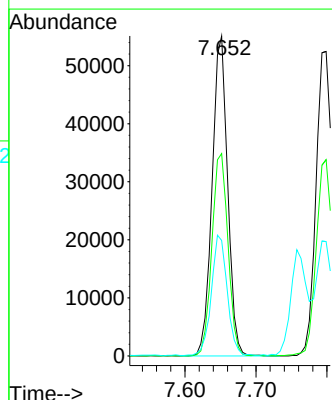
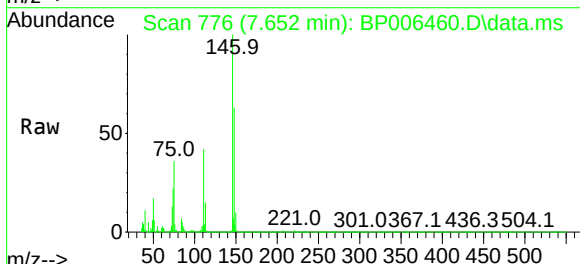
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

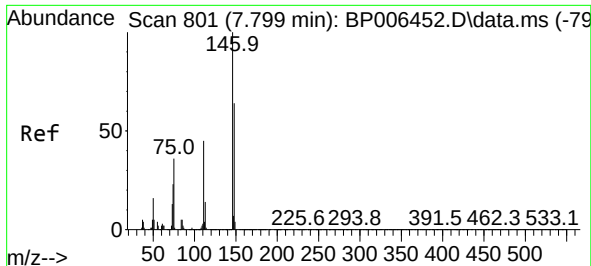
Tgt Ion:	93	Resp:	79351
Ion	Ratio	Lower	Upper
93	100		
63	78.4	46.2	86.2
95	32.3	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 5.002 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:	146	Resp:	83335
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
75	36.1	25.7	38.5

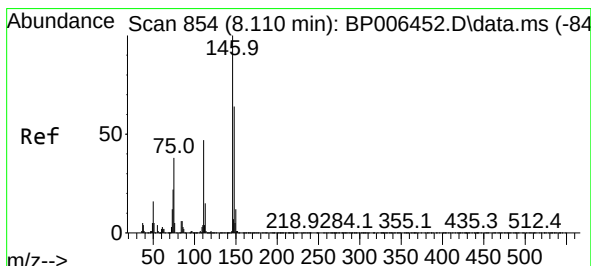
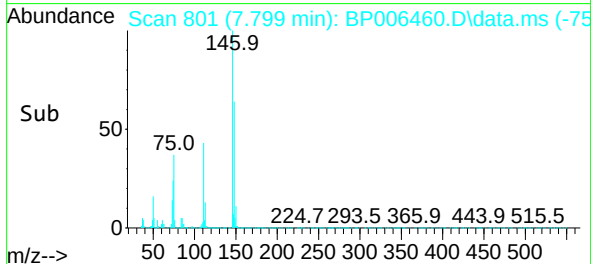
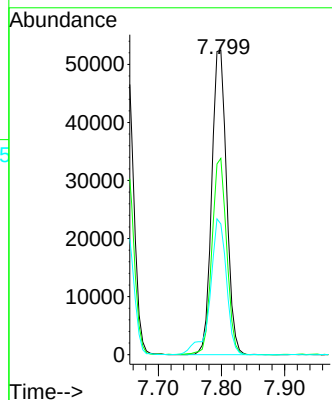
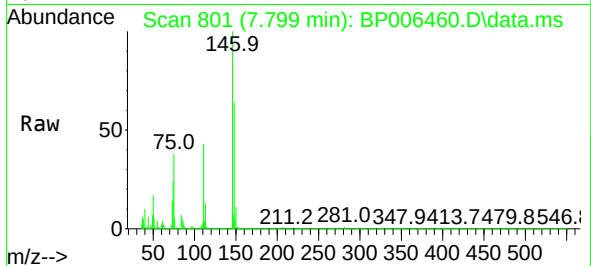




#13
1,4-Dichlorobenzene
Concen: 5.073 ng
RT: 7.799 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

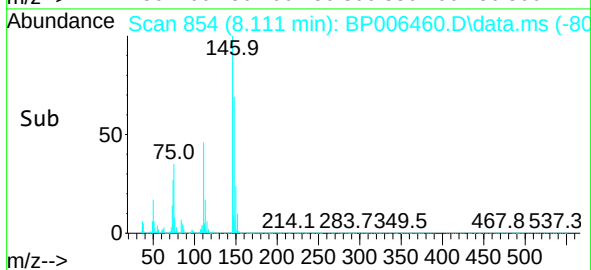
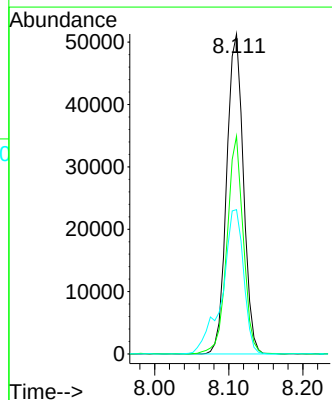
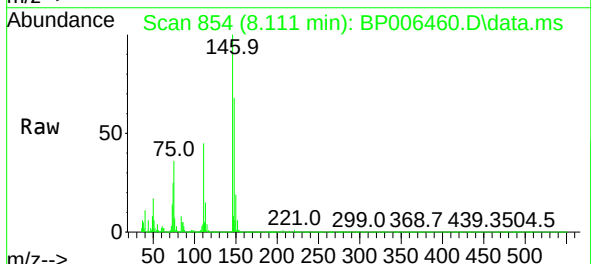
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

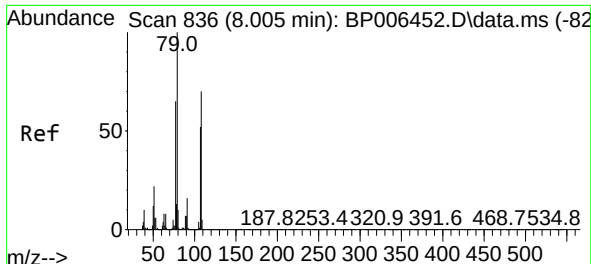
Tgt Ion:146 Resp: 85498
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 42.9 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 4.949 ng
RT: 8.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:146 Resp: 80138
Ion Ratio Lower Upper
146 100
148 68.1 50.3 75.5
111 45.1 33.7 50.5

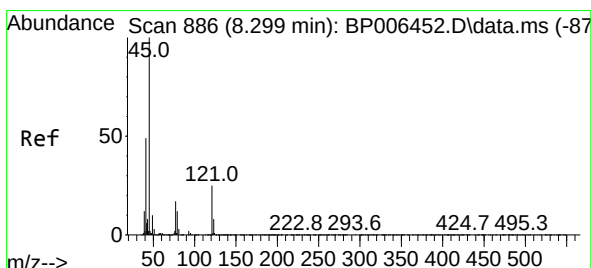
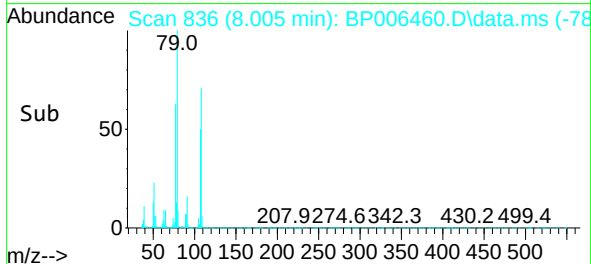
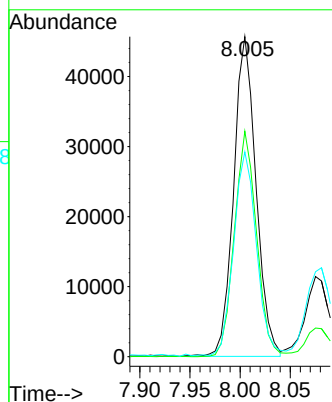
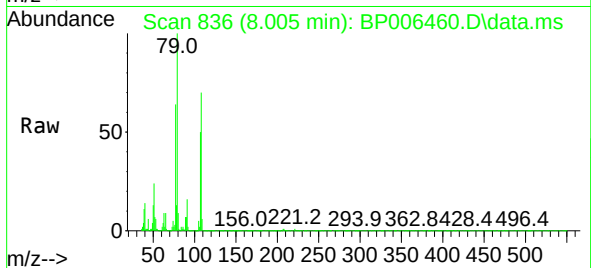




#15
Benzyl Alcohol
Concen: 4.603 ng
RT: 8.005 min Scan# 836
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

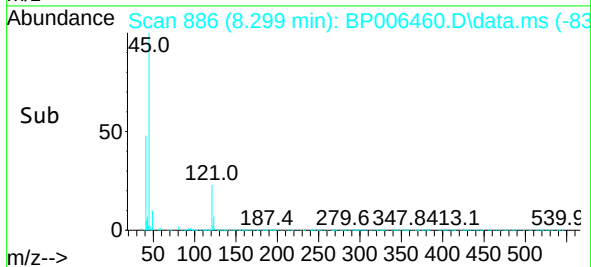
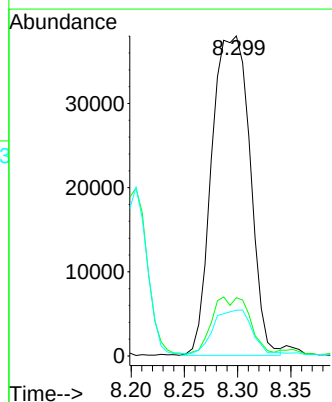
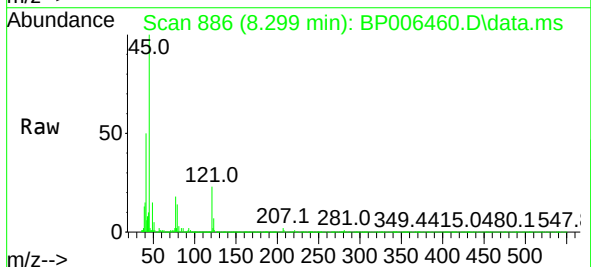
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

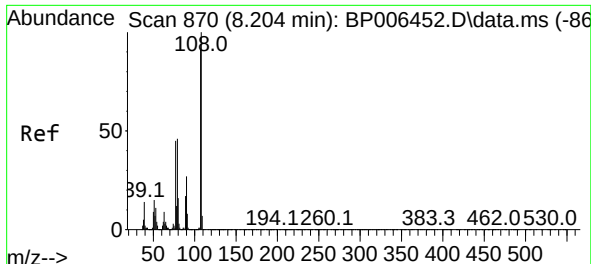
Tgt Ion: 79 Resp: 71014
Ion Ratio Lower Upper
79 100
108 70.5 62.5 93.7
77 64.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.039 ng
RT: 8.299 min Scan# 886
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 45 Resp: 94484
Ion Ratio Lower Upper
45 100
77 18.2 2.0 42.0
79 14.3 0.0 36.7

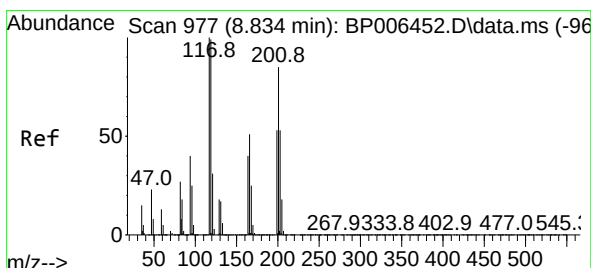
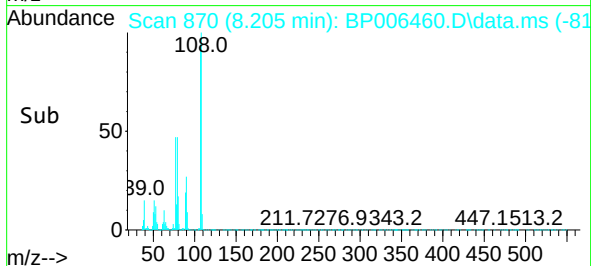
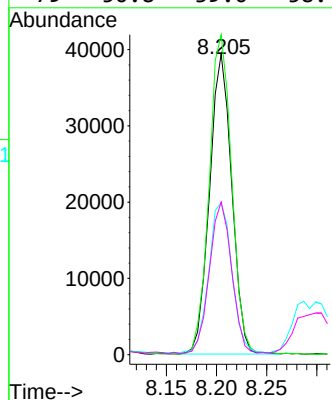
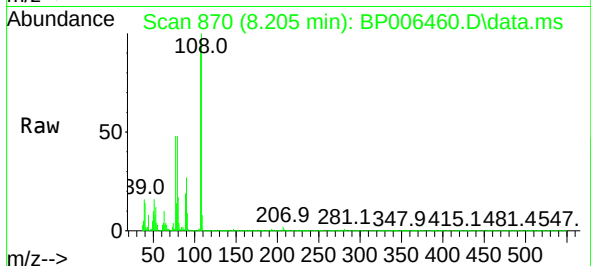




#17
2-Methylphenol
Concen: 4.672 ng
RT: 8.205 min Scan# 870
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

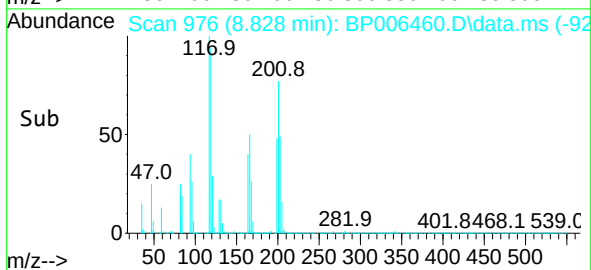
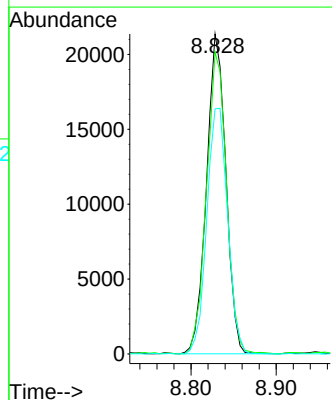
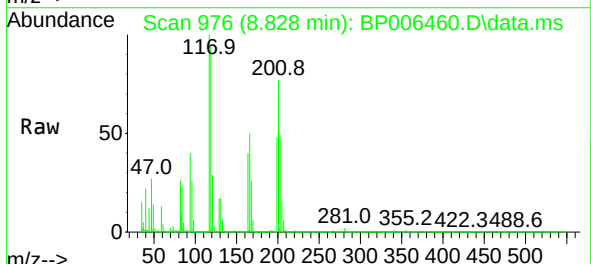
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

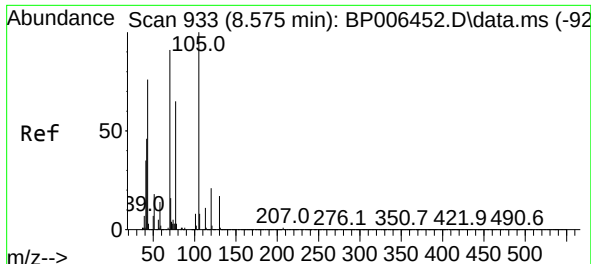
Tgt Ion:	107	Resp:	60678
Ion	Ratio	Lower	Upper
107	100		
108	106.4	87.7	131.5
77	50.6	40.2	60.2
79	50.8	39.0	58.4



#18
Hexachloroethane
Concen: 5.118 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

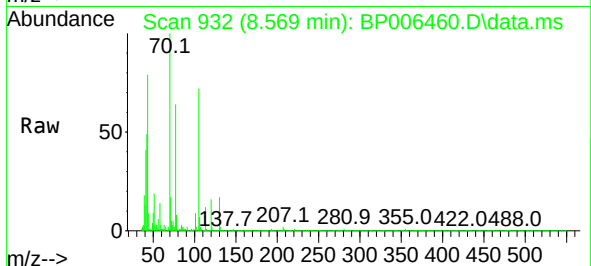
Tgt Ion:	117	Resp:	33800
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.2	114.2
201	76.6	83.4	125.0



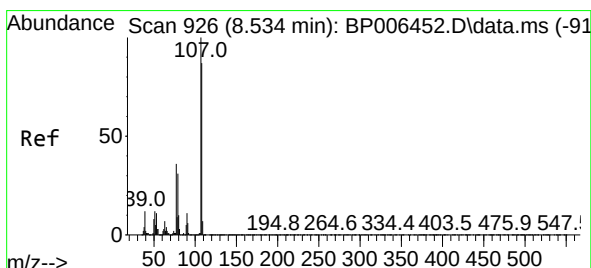
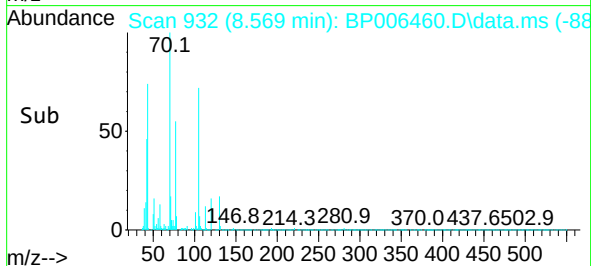
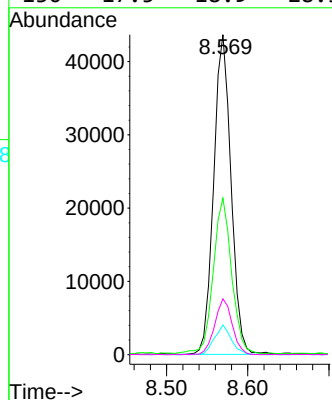


#19
n-Nitroso-di-n-propylamine
Concen: 4.754 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

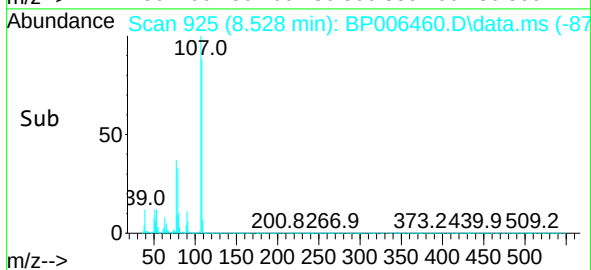
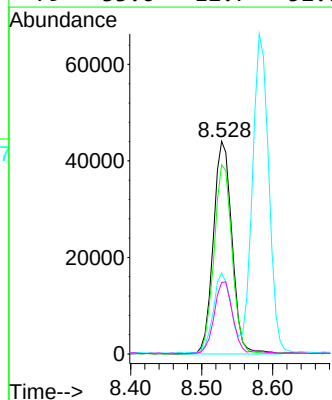
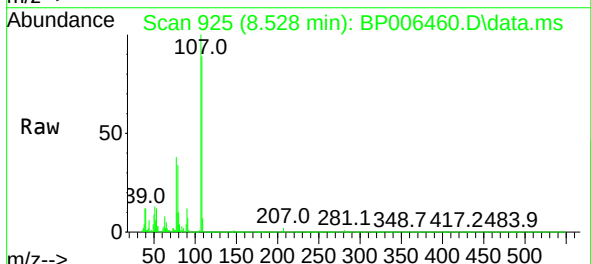


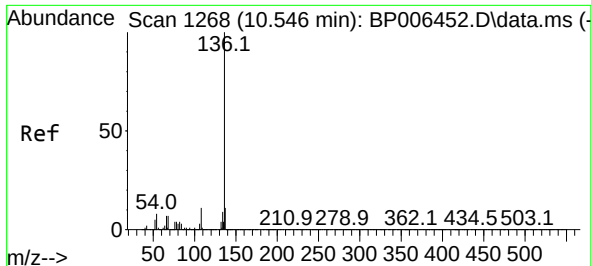
Tgt Ion: 70 Resp: 64944
Ion Ratio Lower Upper
70 100
42 48.9 40.8 61.2
101 9.3 8.8 13.2
130 17.5 18.9 28.3#



#20
3+4-Methylphenols
Concen: 4.528 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 107 Resp: 80207
Ion Ratio Lower Upper
107 100
108 89.0 71.0 111.0
77 38.1 16.6 56.6
79 33.6 12.7 52.7

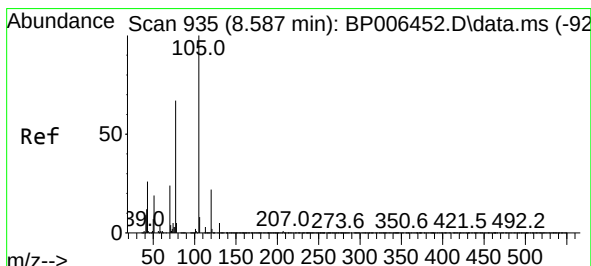
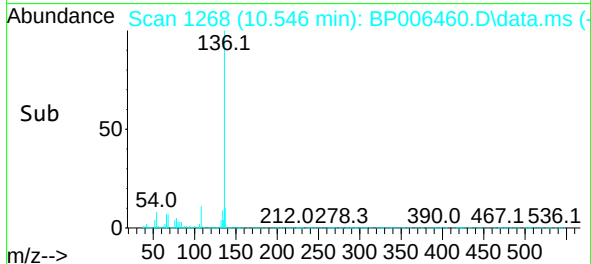
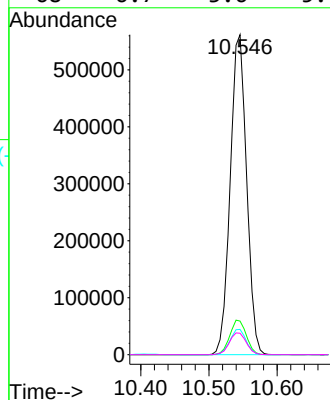
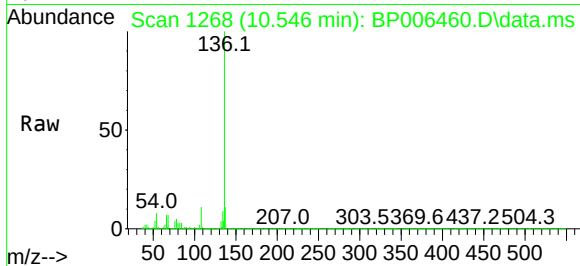




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

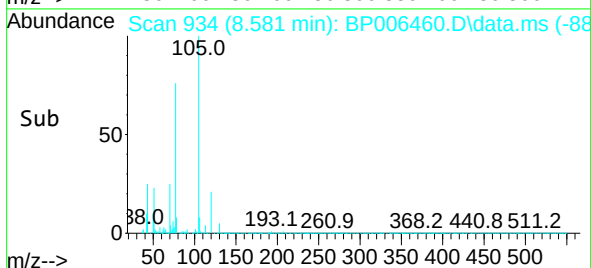
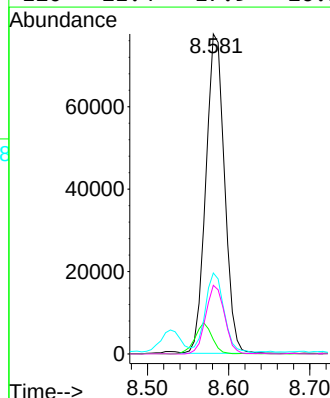
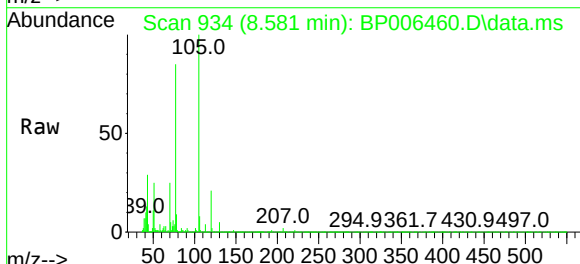
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

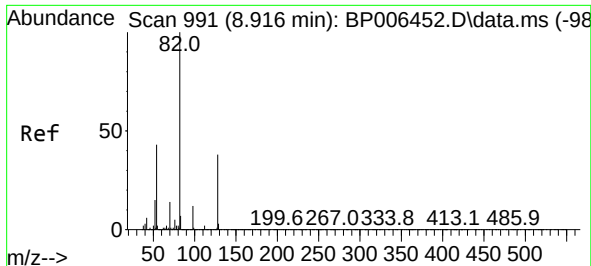
Tgt Ion:	136	Resp:	937843
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.9	4.6	6.8#
68	6.7	3.6	5.4#



#22
Acetophenone
Concen: 4.994 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:	105	Resp:	123490
Ion	Ratio	Lower	Upper
105	100		
71	4.5	1.9	2.9#
51	25.3	18.4	27.6
120	21.4	17.9	26.9

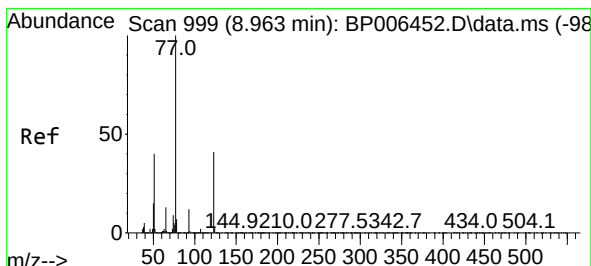
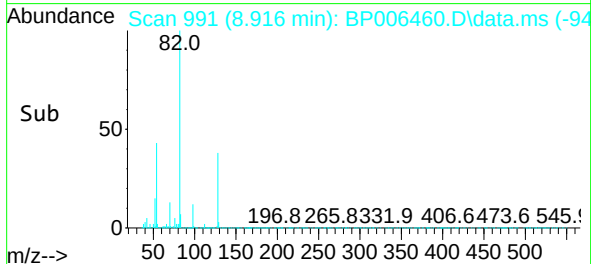
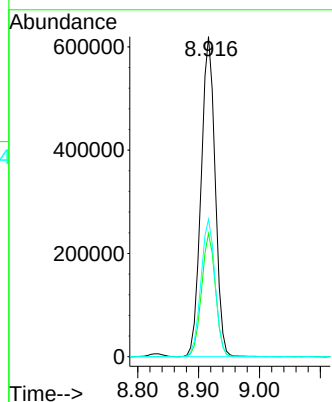
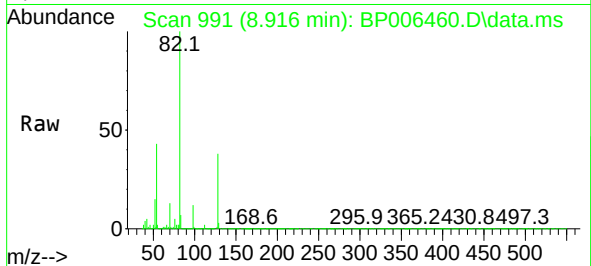




#23
Nitrobenzene-d5
Concen: 49.981 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

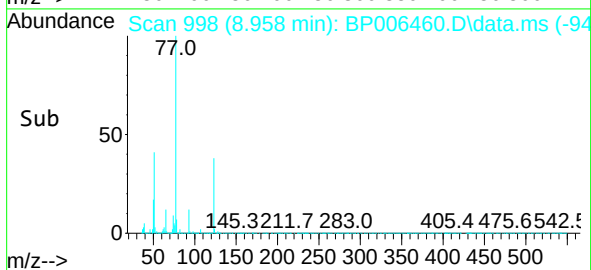
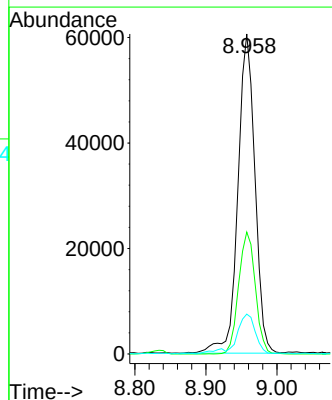
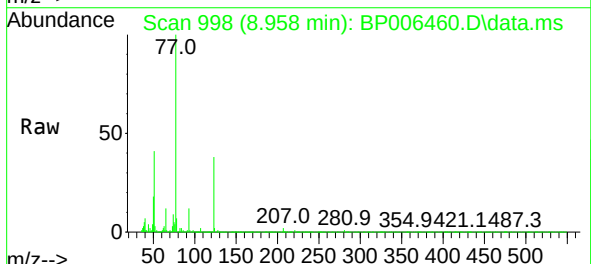
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

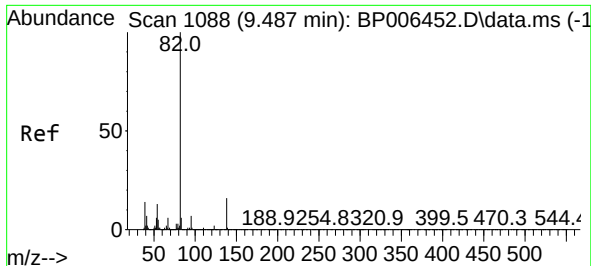
Tgt Ion: 82 Resp: 994230
Ion Ratio Lower Upper
82 100
128 38.5 35.7 53.5
54 43.0 35.0 52.4



#24
Nitrobenzene
Concen: 4.906 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 77 Resp: 101294
Ion Ratio Lower Upper
77 100
123 38.1 38.2 57.2#
65 12.5 11.4 17.2

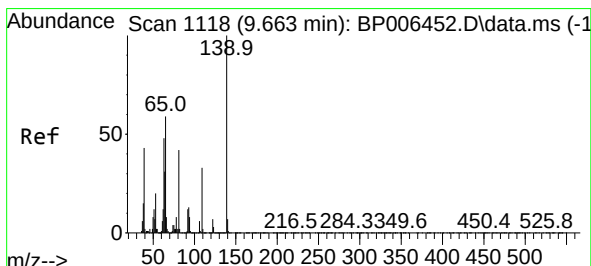
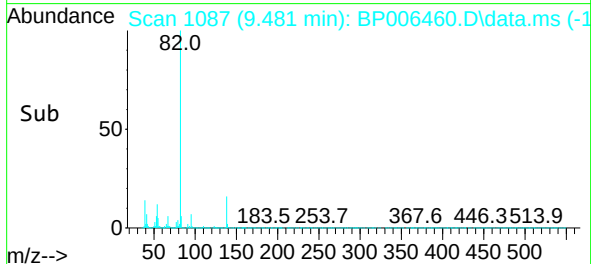
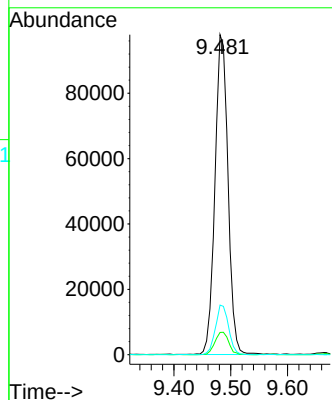
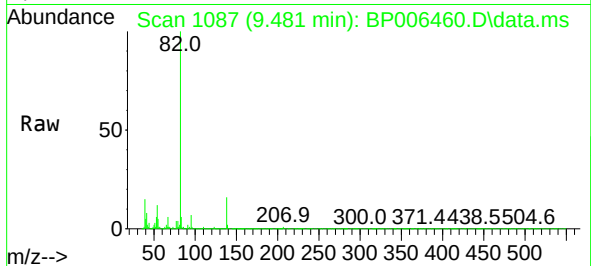




#25
Isophorone
Concen: 4.378 ng
RT: 9.481 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

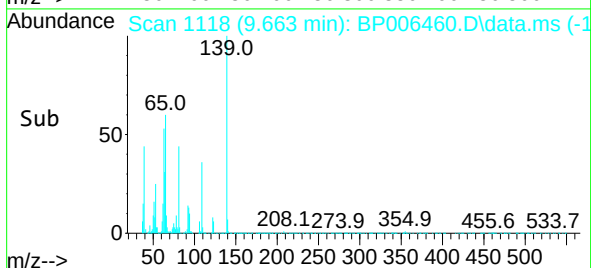
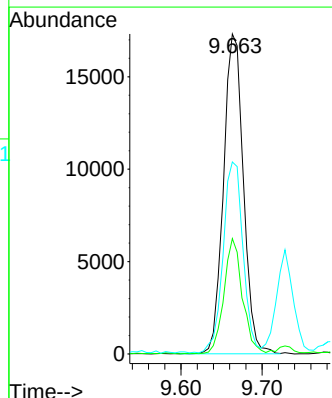
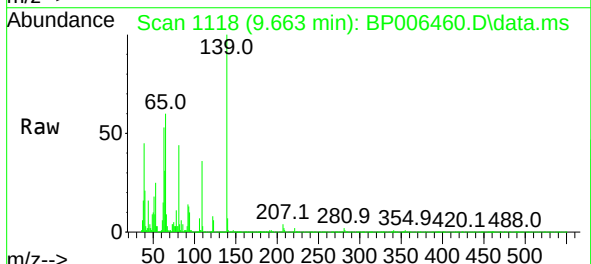
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

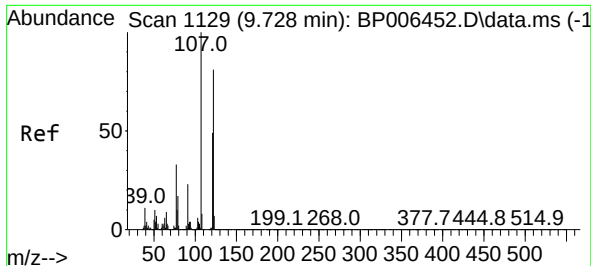
Tgt Ion: 82 Resp: 155480
Ion Ratio Lower Upper
82 100
95 6.9 6.5 9.7
138 15.5 15.0 22.4



#26
2-Nitrophenol
Concen: 3.995 ng
RT: 9.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 139 Resp: 29526
Ion Ratio Lower Upper
139 100
109 36.0 28.8 43.2
65 60.0 41.0 61.6

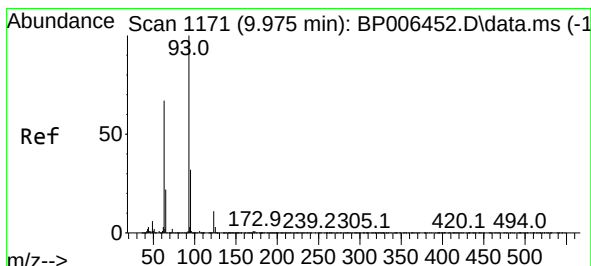
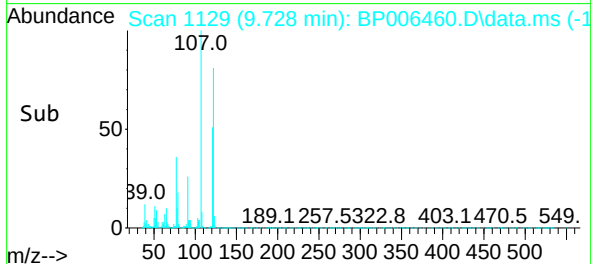
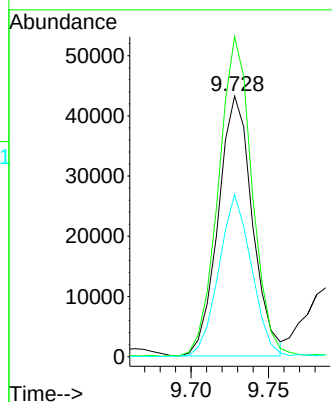
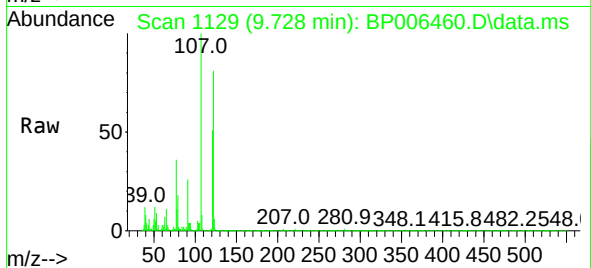




#27
2,4-Dimethylphenol
Concen: 5.227 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

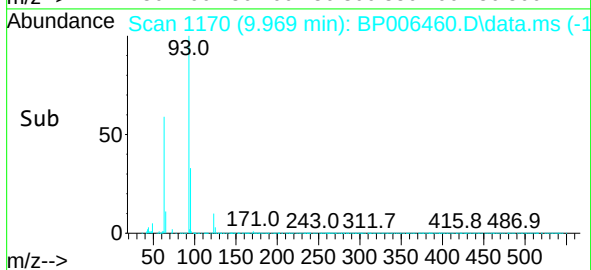
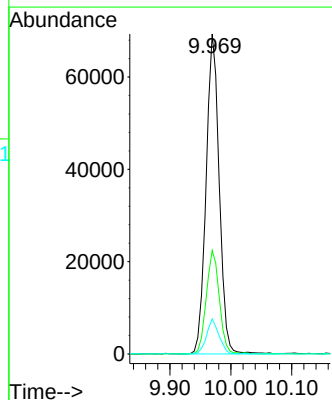
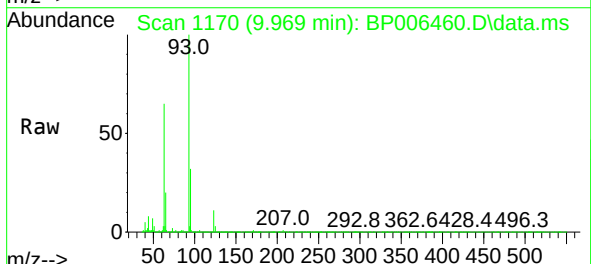
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

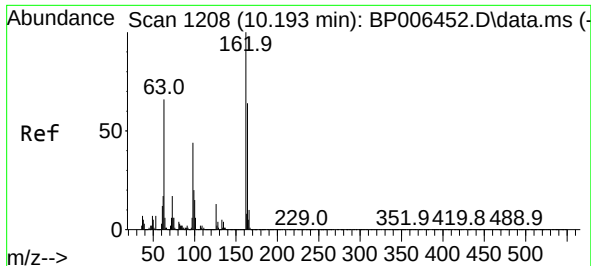
Tgt Ion:	122	Resp:	66113
Ion	Ratio	Lower	Upper
122	100		
107	122.8	94.5	141.7
121	62.3	47.4	71.2



#28
bis(2-Chloroethoxy)methane
Concen: 5.365 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:	93	Resp:	104187
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.0	10.2	15.2

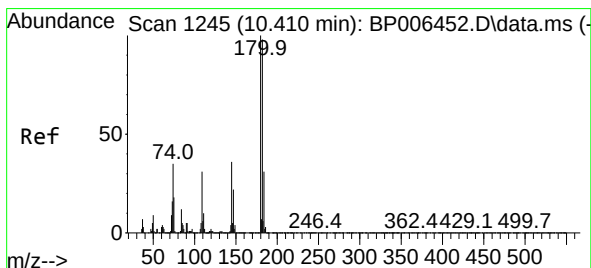
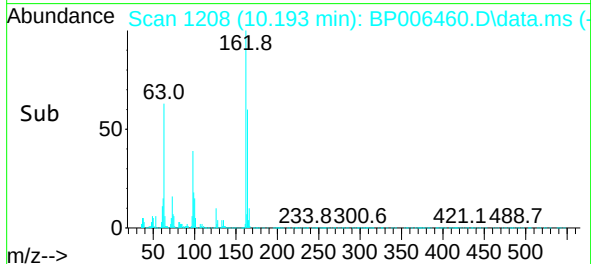
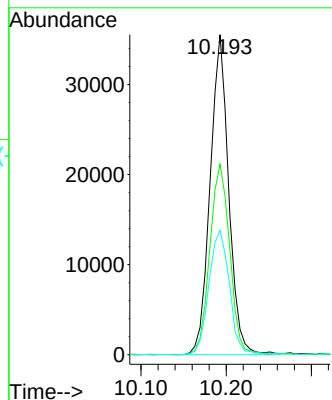
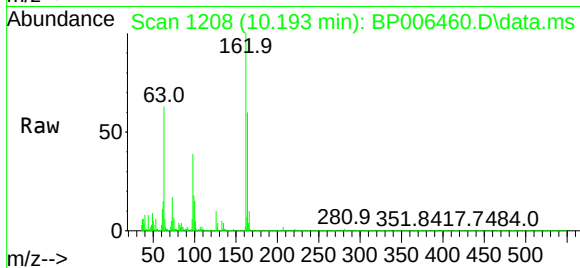




#29
2,4-Dichlorophenol
Concen: 4.223 ng
RT: 10.193 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

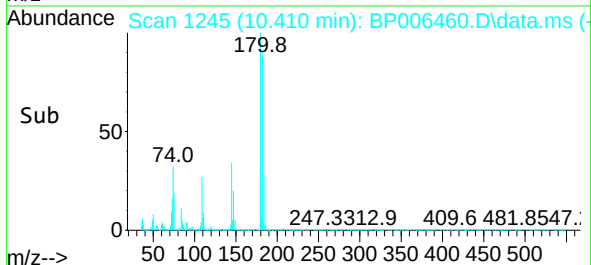
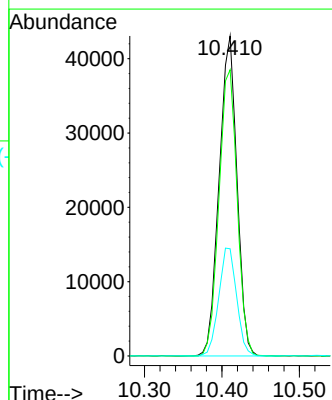
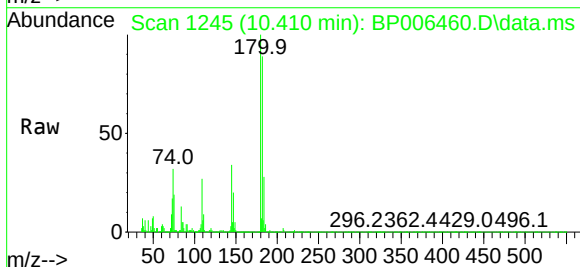
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

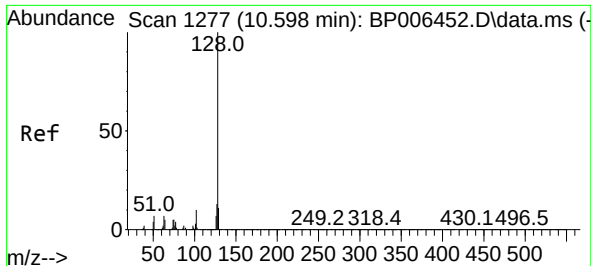
Tgt Ion:162 Resp: 53992
Ion Ratio Lower Upper
162 100
164 59.5 44.9 84.9
98 38.9 14.3 54.3



#30
1,2,4-Trichlorobenzene
Concen: 4.952 ng
RT: 10.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:180 Resp: 68771
Ion Ratio Lower Upper
180 100
182 89.4 77.9 116.9
145 33.5 24.7 37.1

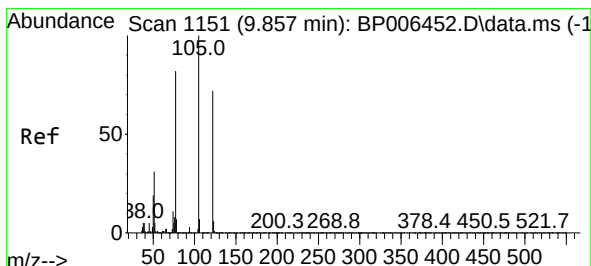
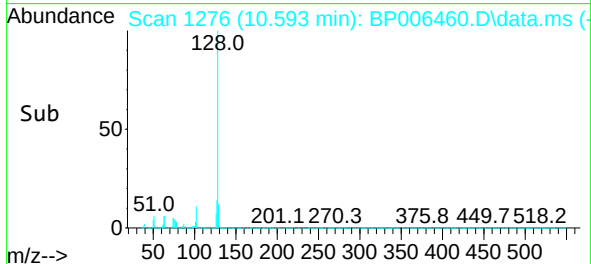
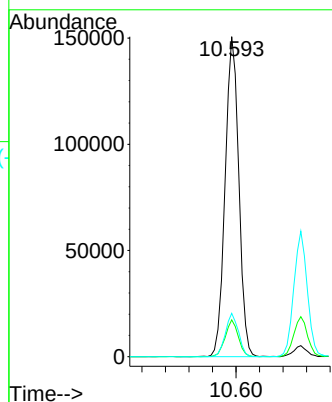
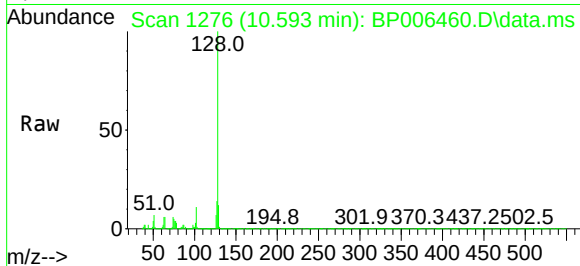




#31
Naphthalene
Concen: 4.864 ng
RT: 10.593 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

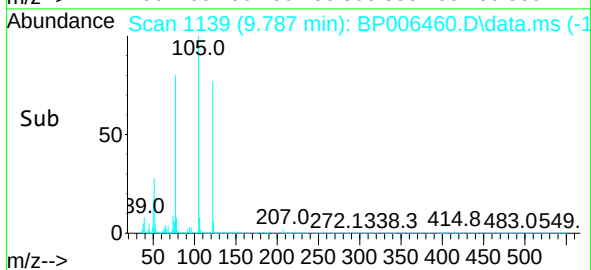
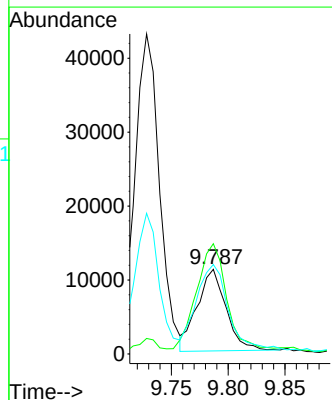
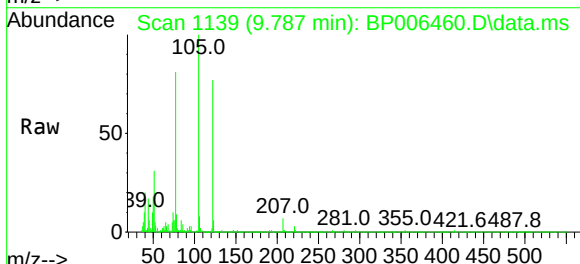
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

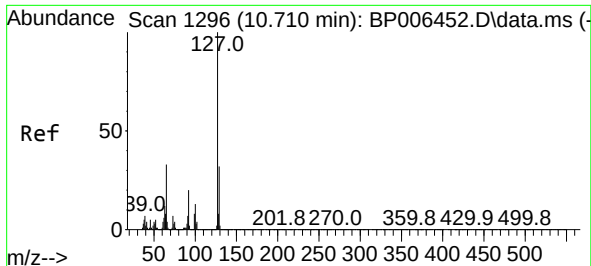
Tgt Ion:128	Resp: 243023
Ion Ratio	Lower Upper
128 100	
129 11.5	9.0 13.6
127 13.5	10.7 16.1



#32
Benzoic acid
Concen: 2.031 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.070 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:122	Resp: 19506
Ion Ratio	Lower Upper
122 100	
105 130.2	103.2 143.2
77 105.5	76.2 116.2

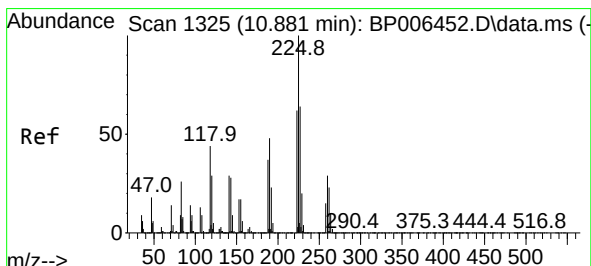
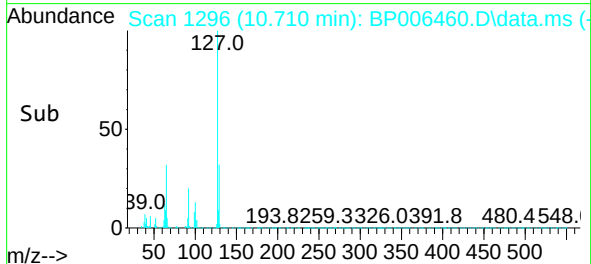
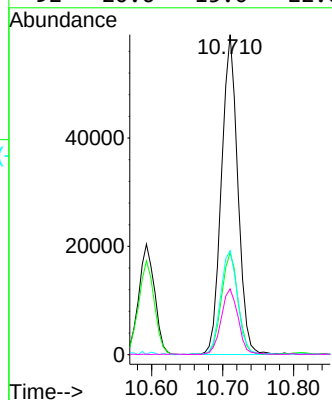
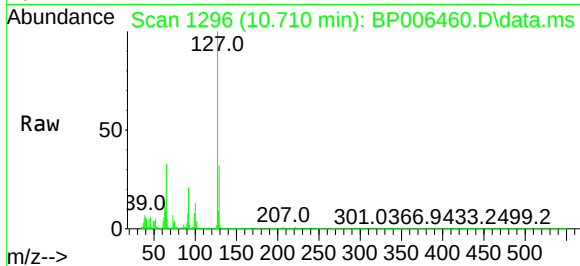




#33
4-Chloroaniline
Concen: 4.703 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

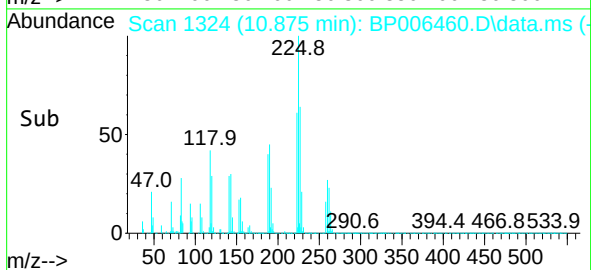
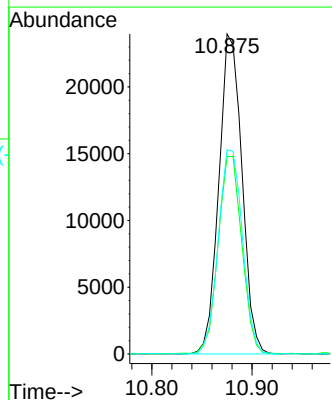
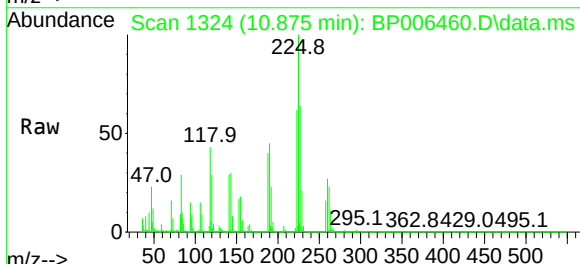
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

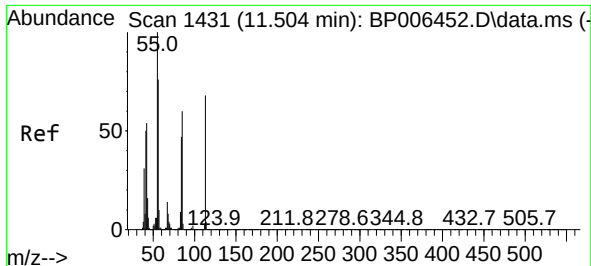
Tgt Ion:	127	Resp:	93932
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	32.5	22.5	33.7
92	20.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 4.717 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:	225	Resp:	38292
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	63.9	51.4	77.2

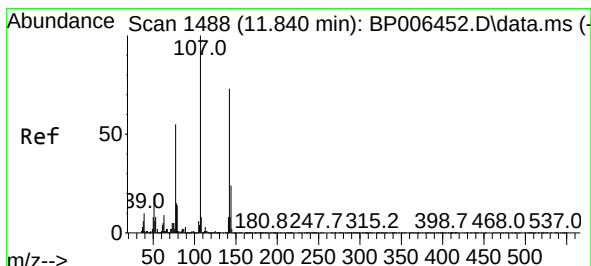
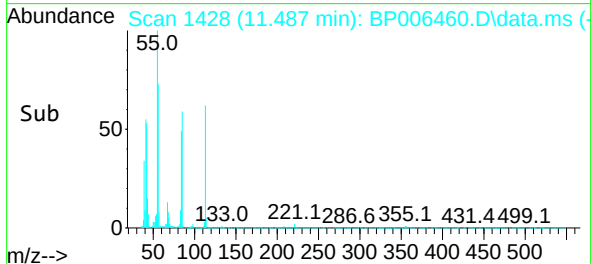
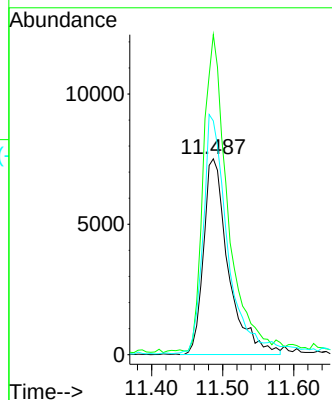
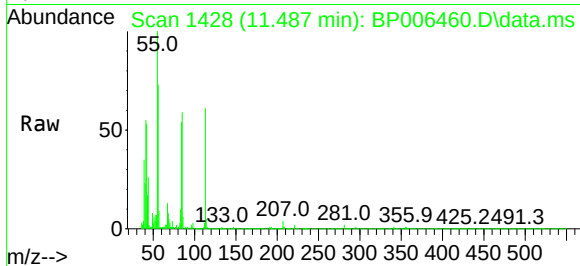




#35
Caprolactam
Concen: 3.884 ng
RT: 11.487 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

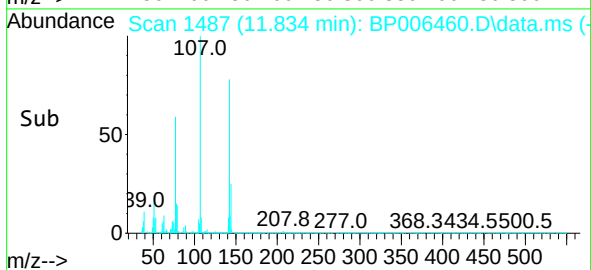
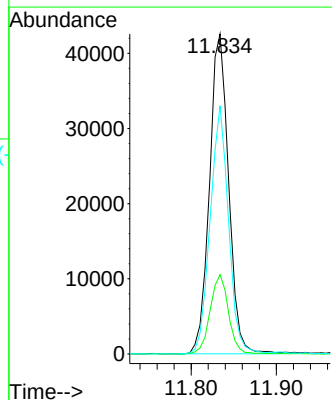
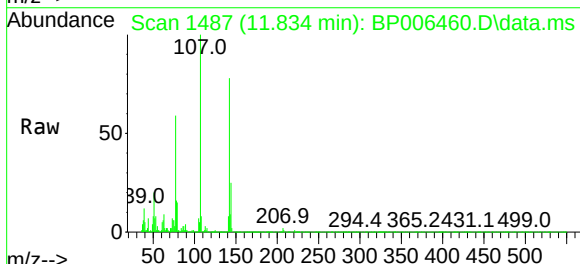
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

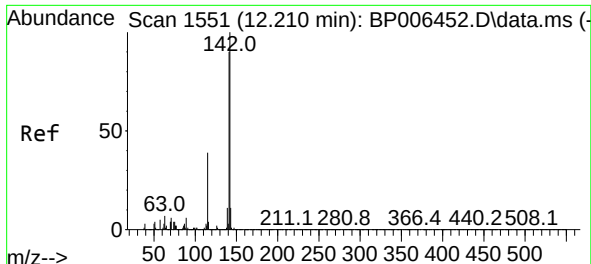
Tgt Ion:113 Resp: 18208
Ion Ratio Lower Upper
113 100
55 163.4 98.9 138.9#
56 119.4 71.7 111.7#



#36
4-Chloro-3-methylphenol
Concen: 4.160 ng
RT: 11.834 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:107 Resp: 66347
Ion Ratio Lower Upper
107 100
144 24.8 21.1 31.7
142 77.6 66.0 99.0

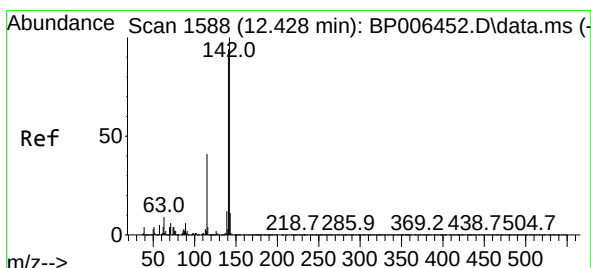
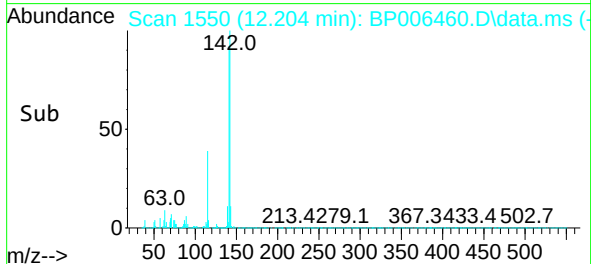
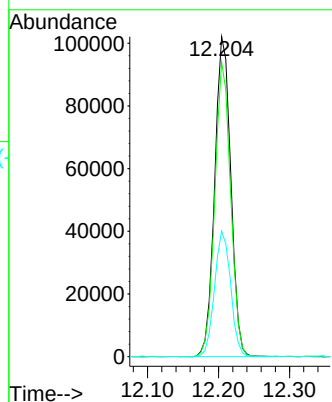
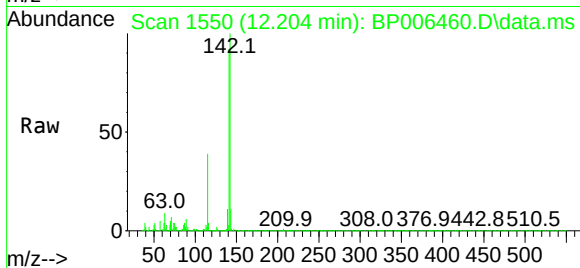




#37
2-Methylnaphthalene
Concen: 4.786 ng
RT: 12.204 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

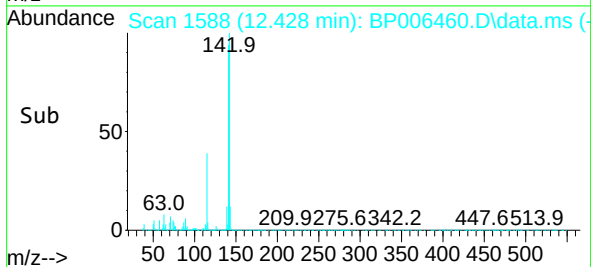
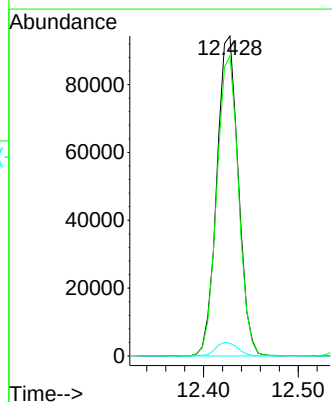
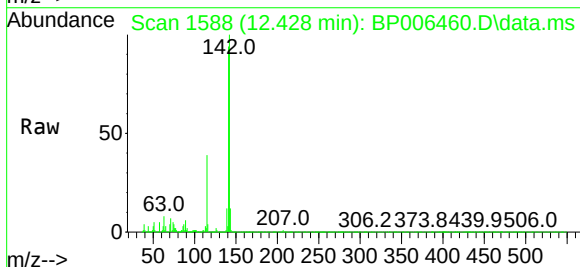
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

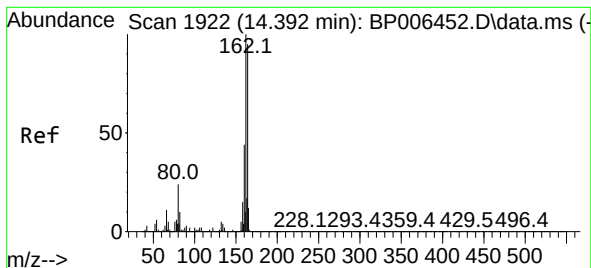
Tgt Ion:142 Resp: 160507
Ion Ratio Lower Upper
142 100
141 92.0 71.8 107.6
115 39.2 31.6 47.4



#38
1-Methylnaphthalene
Concen: 4.676 ng
RT: 12.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:142 Resp: 148932
Ion Ratio Lower Upper
142 100
141 93.8 73.3 109.9
116 4.0 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1921

Delta R.T. -0.005 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

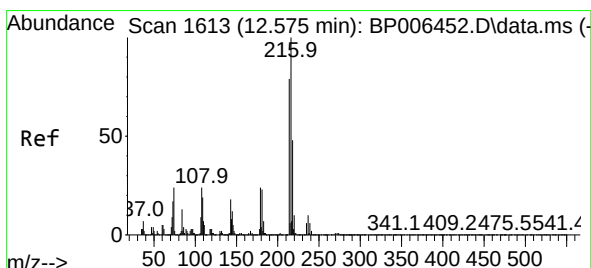
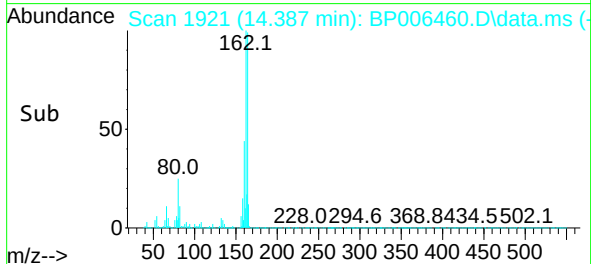
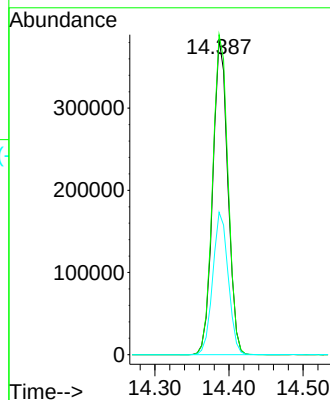
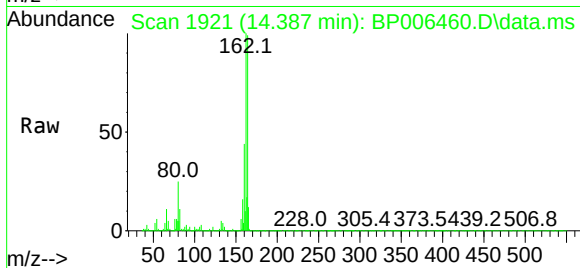
Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Tgt Ion:164	Resp: 541572
Ion Ratio	Lower Upper
164 100	
162 101.5	80.2 120.2
160 45.2	34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.951 ng

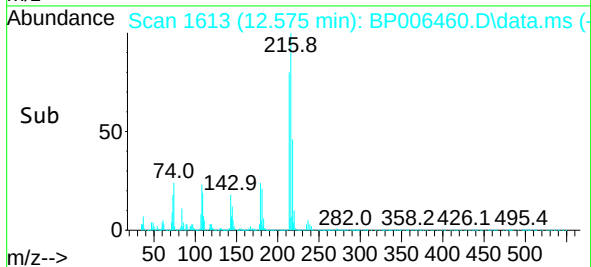
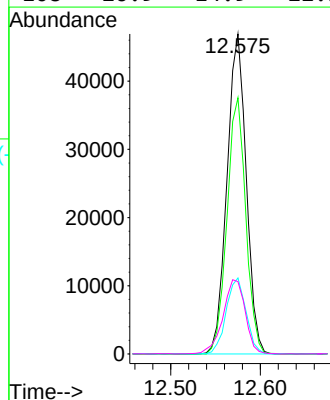
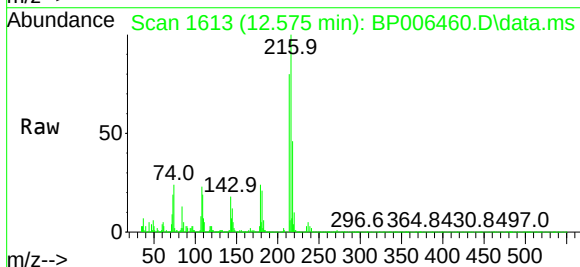
RT: 12.575 min Scan# 1613

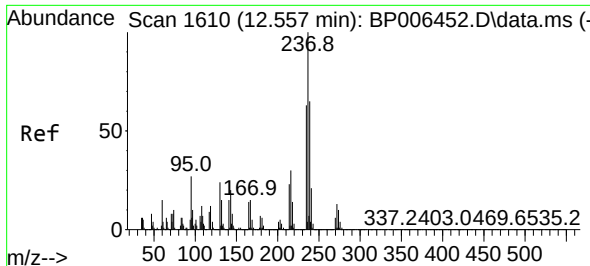
Delta R.T. 0.000 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

Tgt Ion:216	Resp: 69878
Ion Ratio	Lower Upper
216 100	
214 78.2	61.9 92.9
179 24.6	16.8 25.2
108 26.9	14.9 22.3

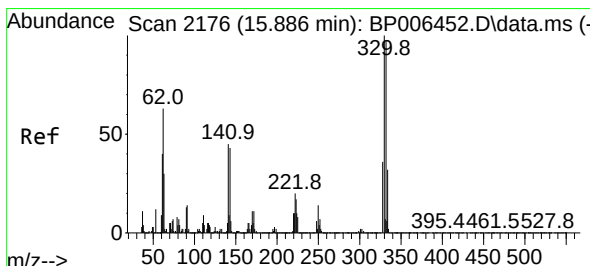
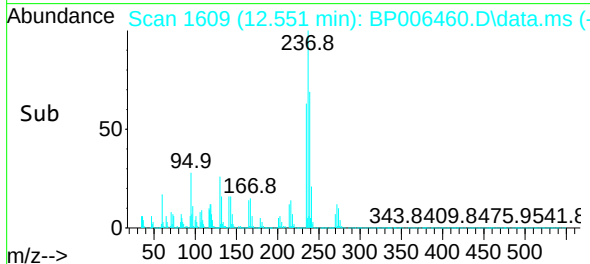
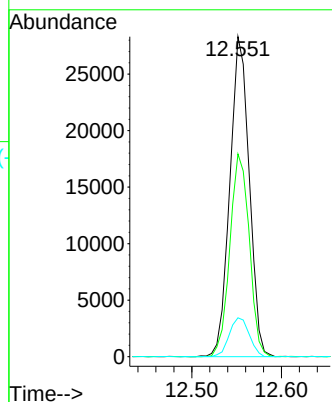
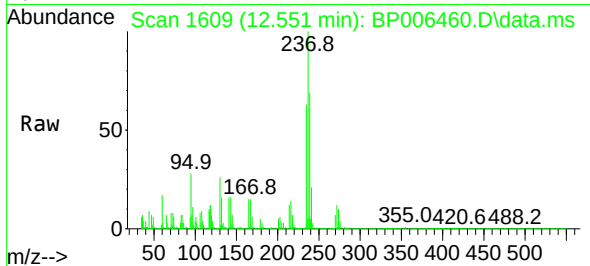




#41
Hexachlorocyclopentadiene
Concen: 5.666 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

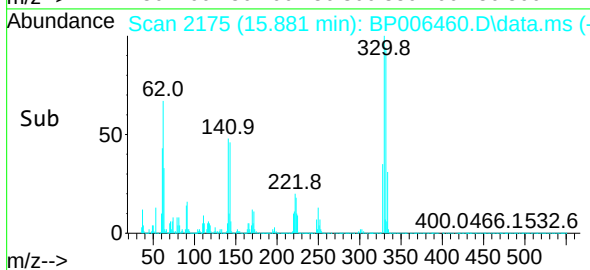
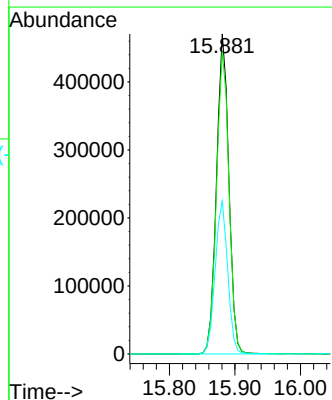
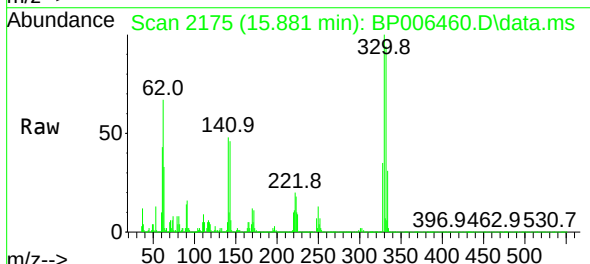
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

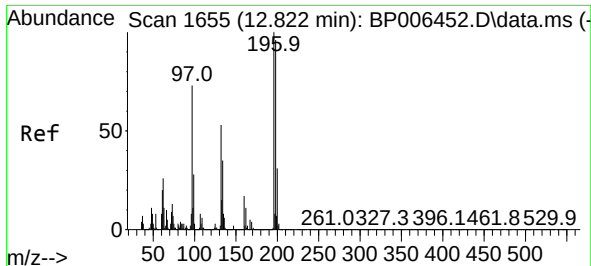
Tgt Ion:	237	Resp:	42384
Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.5	84.5
272	12.2	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 110.843 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:	330	Resp:	613811
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.8
141	48.6	25.4	38.2#

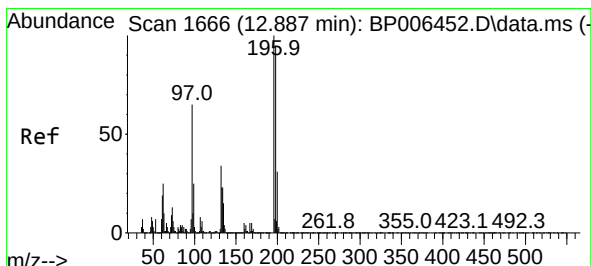
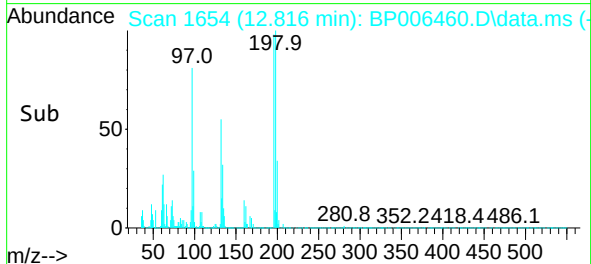
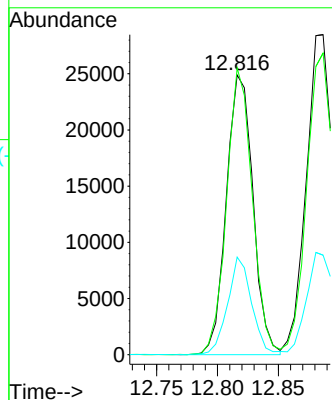
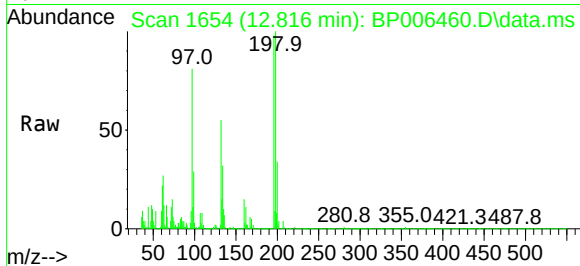




#43
2,4,6-Trichlorophenol
Concen: 4.011 ng
RT: 12.816 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

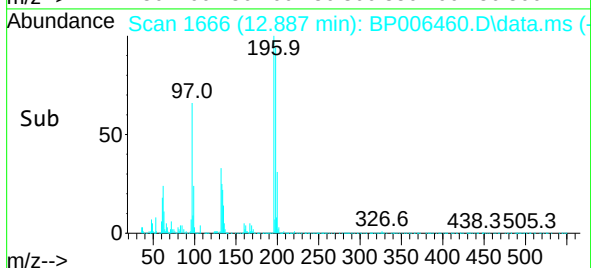
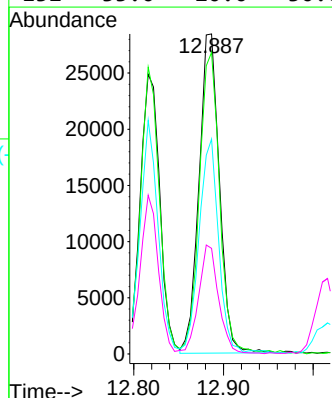
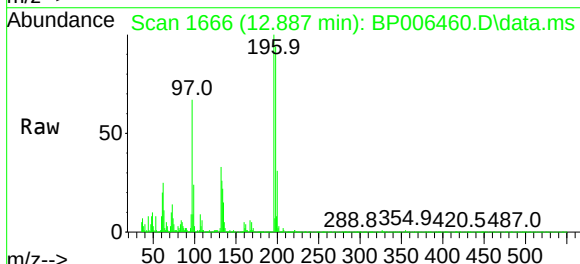
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

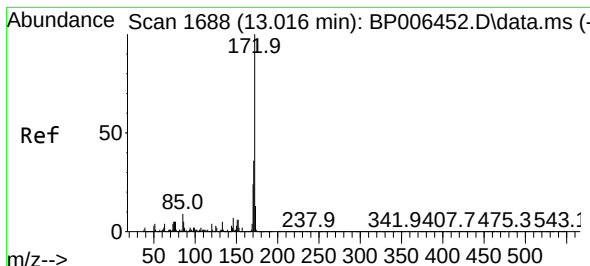
Tgt Ion:196 Resp: 37969
Ion Ratio Lower Upper
196 100
198 102.5 79.5 119.3
200 34.9 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 4.296 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:196 Resp: 45020
Ion Ratio Lower Upper
196 100
198 94.2 74.7 112.1
97 67.1 37.4 56.0#
132 33.0 20.0 30.0#

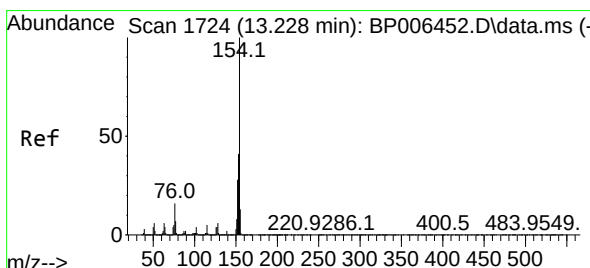
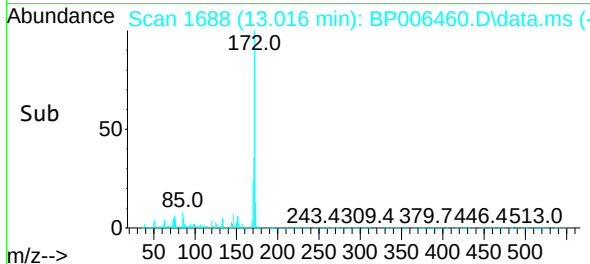
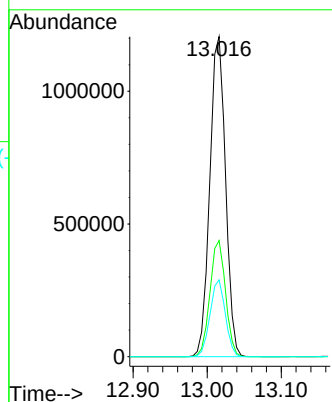
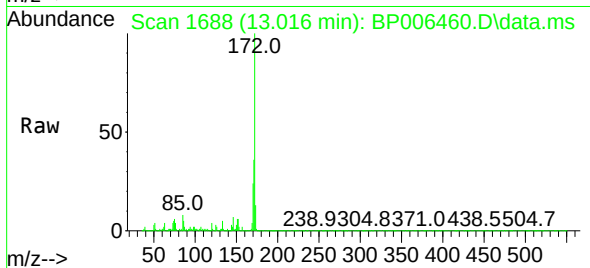




#45
2-Fluorobiphenyl
Concen: 49.181 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

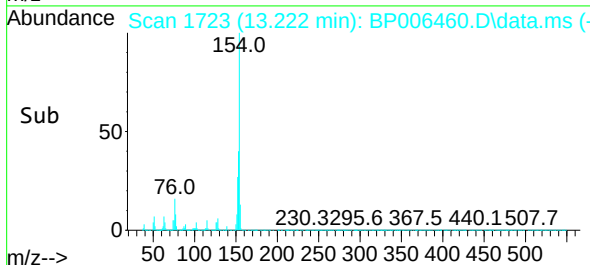
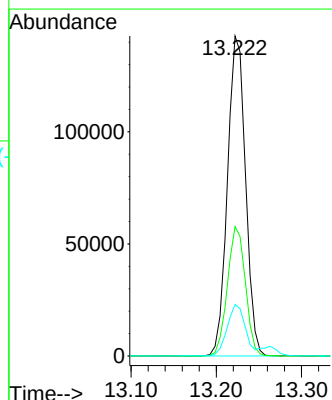
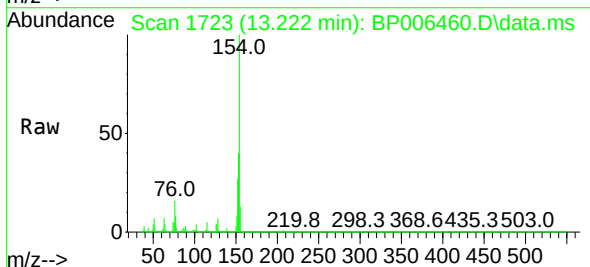
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

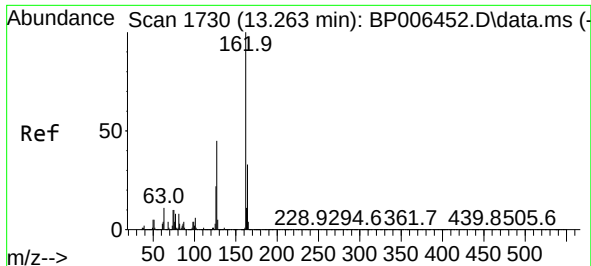
Tgt Ion:172 Resp: 1776959
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 24.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 5.132 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:154 Resp: 210114
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 16.1 0.0 30.8

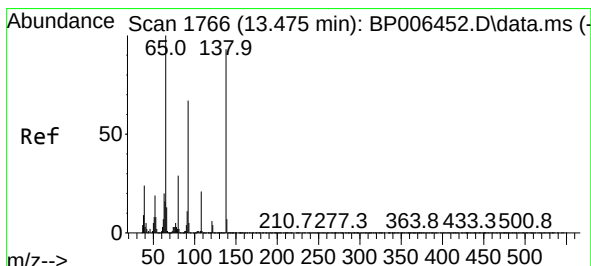
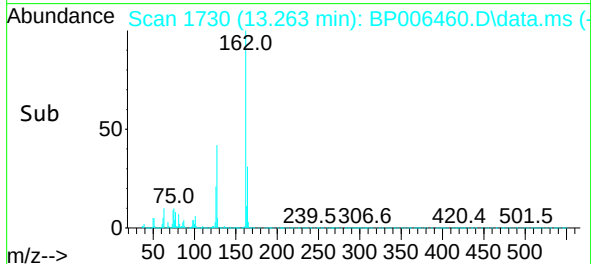
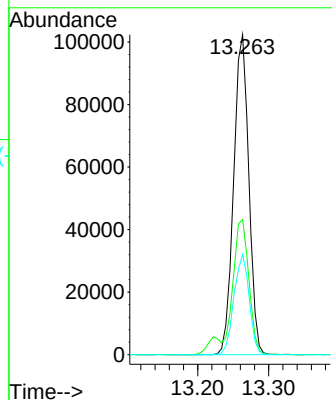
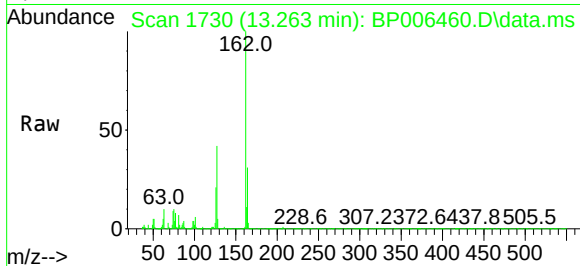




#47
2-Chloronaphthalene
Concen: 4.803 ng
RT: 13.263 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

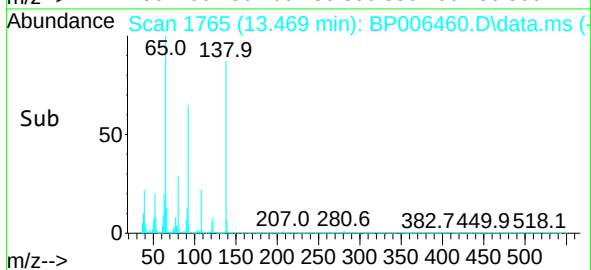
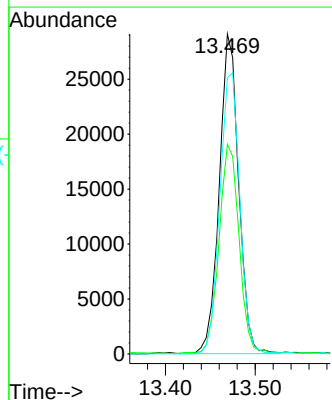
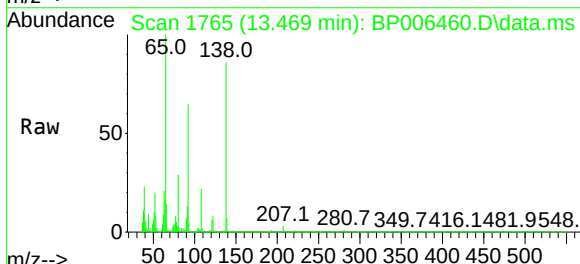
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

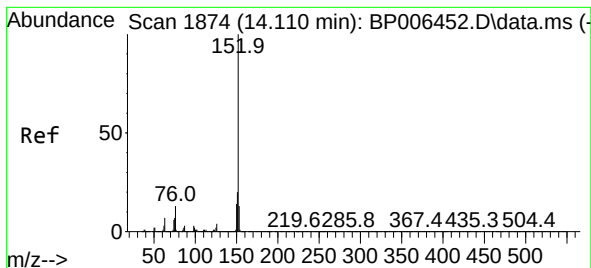
Tgt Ion:162 Resp: 151424
Ion Ratio Lower Upper
162 100
127 42.3 31.4 47.0
164 31.3 26.6 39.8



#48
2-Nitroaniline
Concen: 4.119 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion: 65 Resp: 43555
Ion Ratio Lower Upper
65 100
92 65.5 57.7 86.5
138 86.3 92.1 138.1#





#49

Acenaphthylene

Concen: 4.745 ng

RT: 14.110 min Scan# 1874

Delta R.T. 0.000 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021

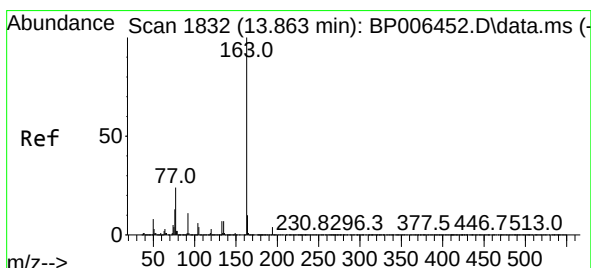
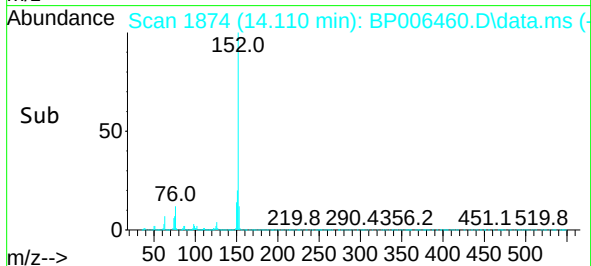
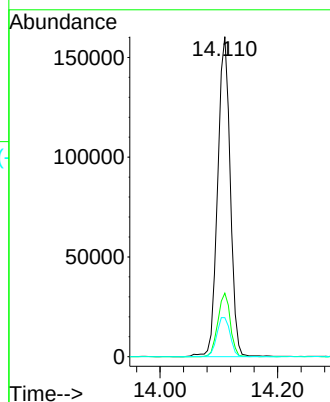
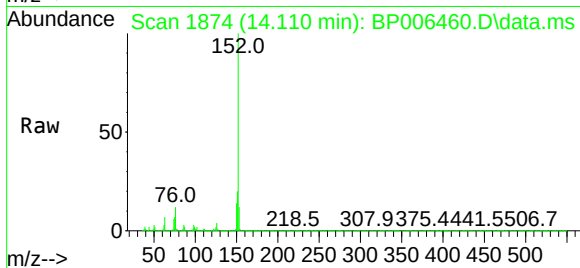
Tgt Ion:152 Resp: 237643

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 12.2 10.6 16.0



#50

Dimethylphthalate

Concen: 4.886 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

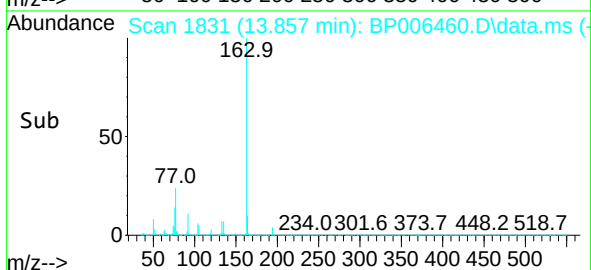
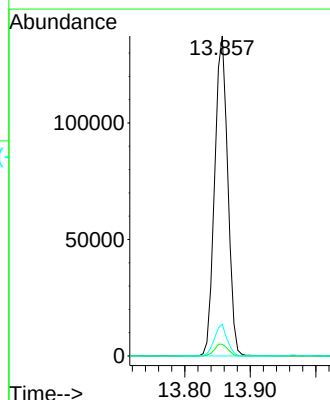
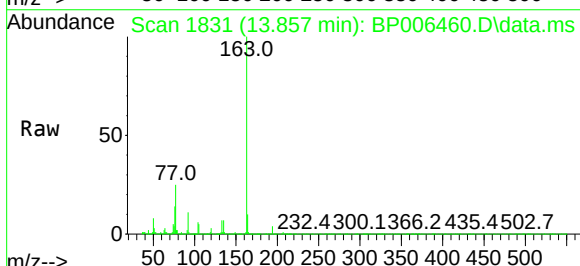
Tgt Ion:163 Resp: 190225

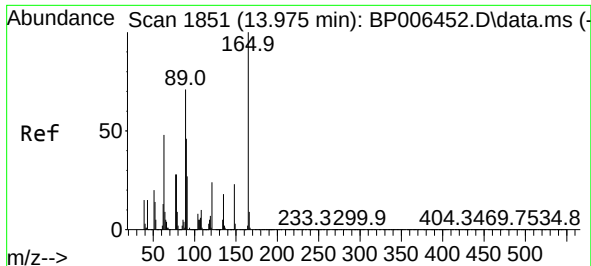
Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

164 9.9 8.2 12.2

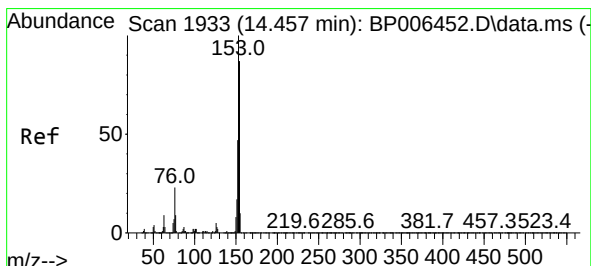
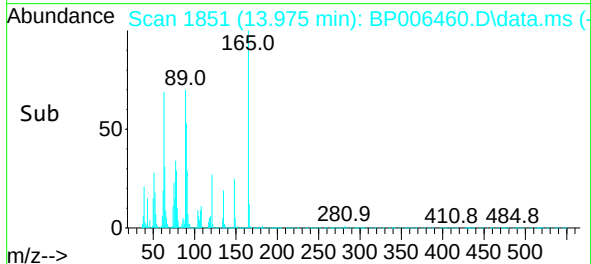
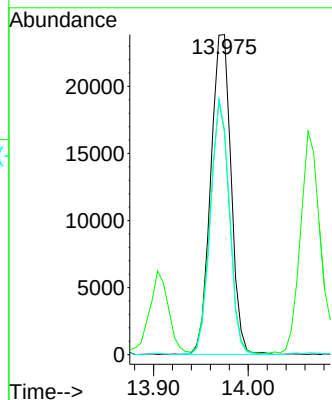
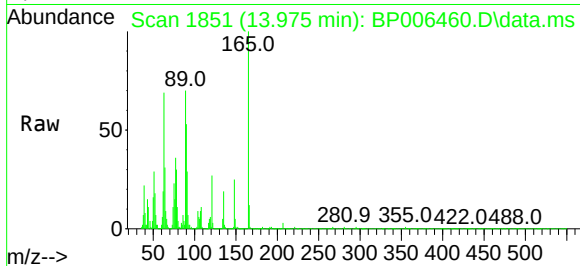




#51
2,6-Dinitrotoluene
Concen: 4.191 ng
RT: 13.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

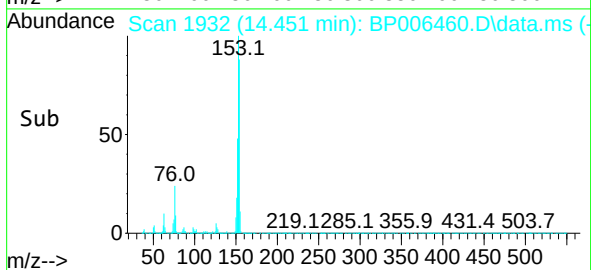
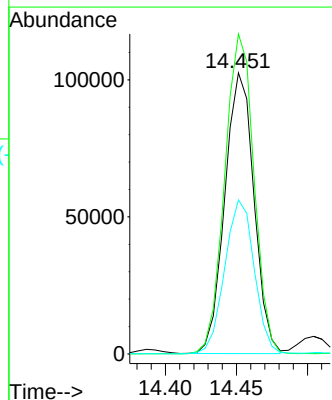
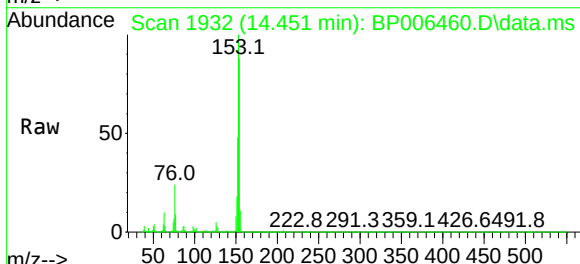
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

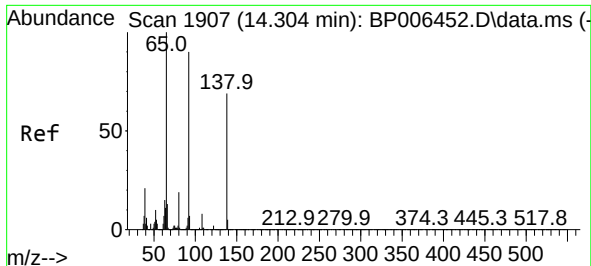
Tgt Ion:165 Resp: 35506
Ion Ratio Lower Upper
165 100
63 69.4 41.3 61.9#
89 70.3 44.8 67.2#



#52
Acenaphthene
Concen: 4.734 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:154 Resp: 146224
Ion Ratio Lower Upper
154 100
153 113.8 89.4 134.2
152 54.8 43.0 64.4

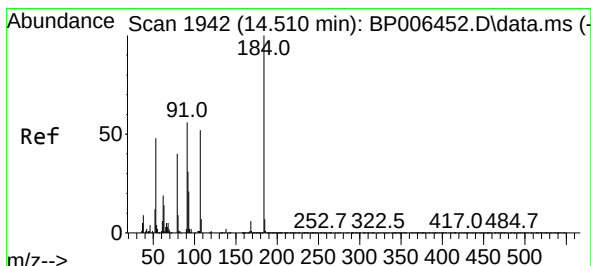
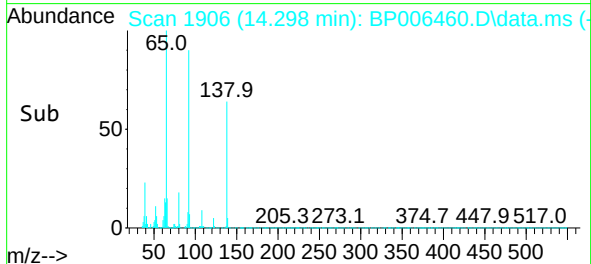
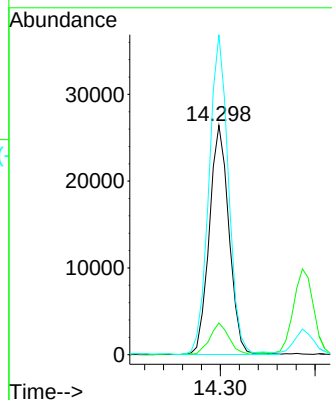
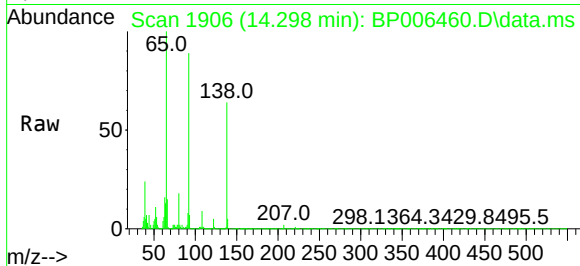




#53
3-Nitroaniline
Concen: 4.064 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

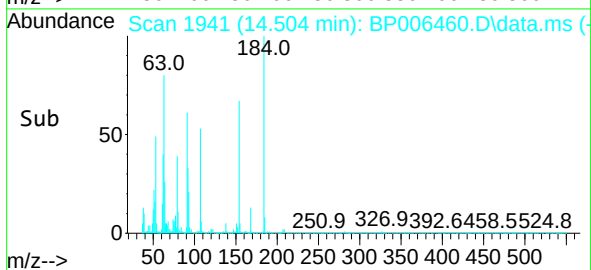
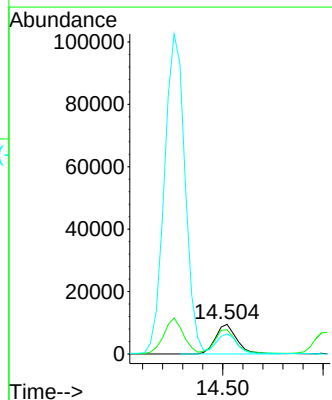
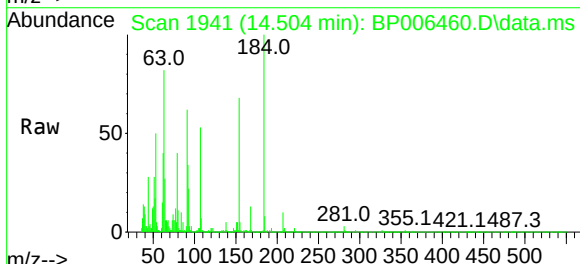
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

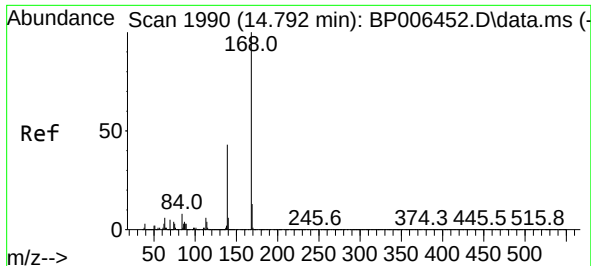
Tgt Ion:138 Resp: 38158
Ion Ratio Lower Upper
138 100
108 13.8 8.4 12.6#
92 139.6 87.8 131.8#



#54
2,4-Dinitrophenol
Concen: 3.024 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:184 Resp: 13904
Ion Ratio Lower Upper
184 100
63 81.6 47.0 70.6#
154 67.5 52.3 78.5

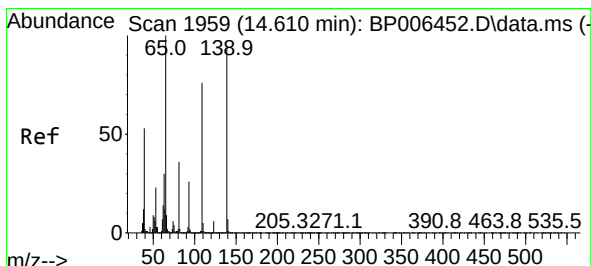
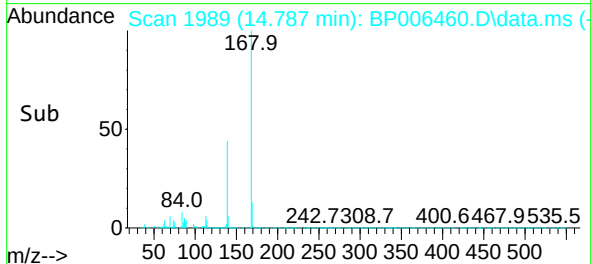
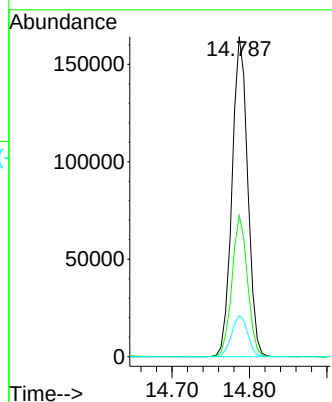
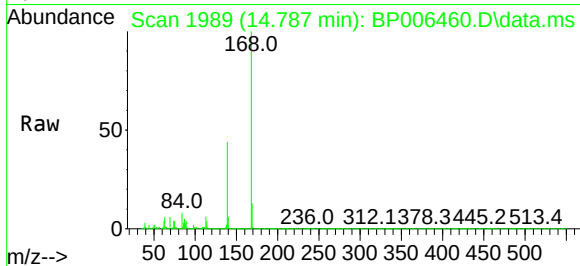




#55
Dibenzofuran
Concen: 4.768 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

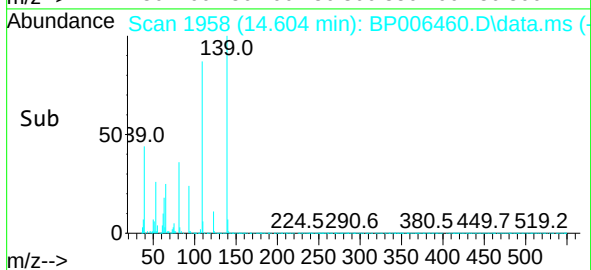
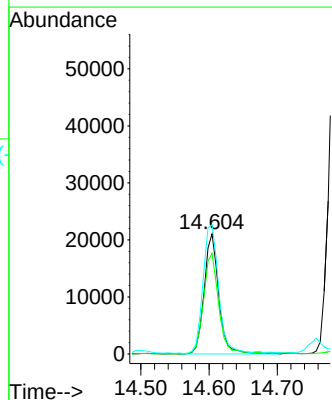
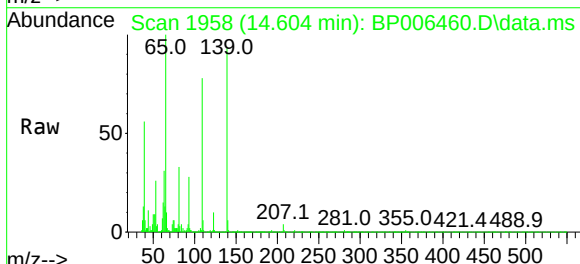
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

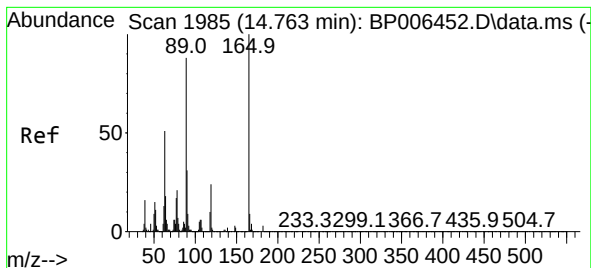
Tgt Ion:168 Resp: 230649
Ion Ratio Lower Upper
168 100
139 44.1 31.0 46.6
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 3.676 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:139 Resp: 31351
Ion Ratio Lower Upper
139 100
109 83.7 72.3 112.3
65 107.6 72.5 112.5

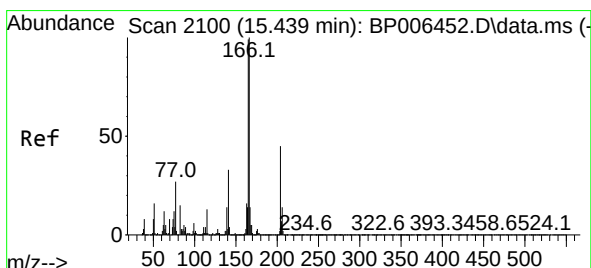
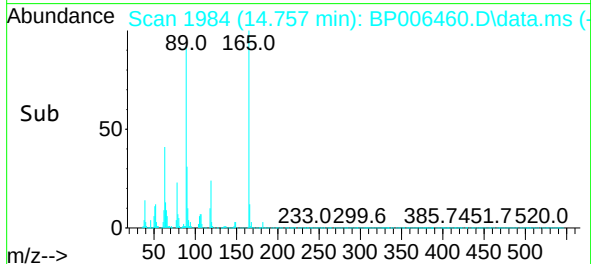
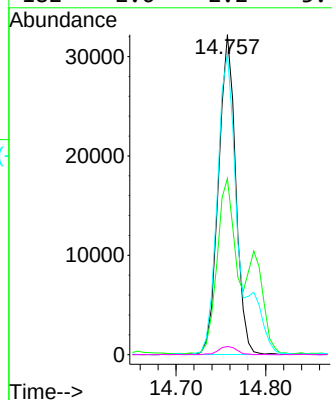
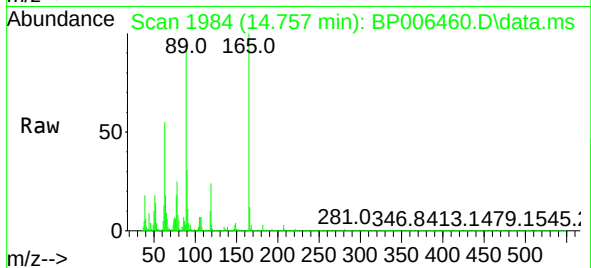




#57
2,4-Dinitrotoluene
Concen: 3.800 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

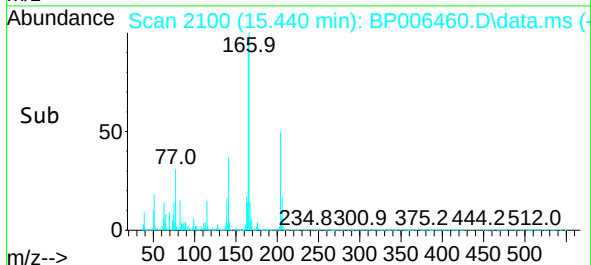
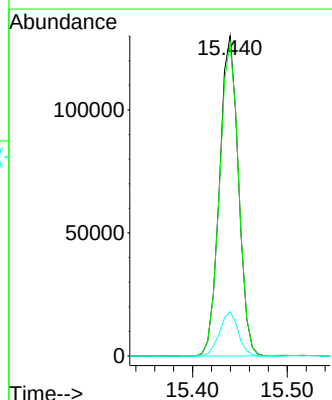
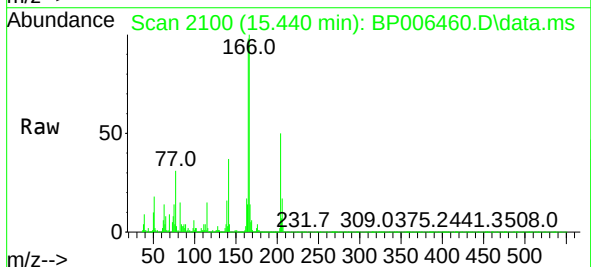
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

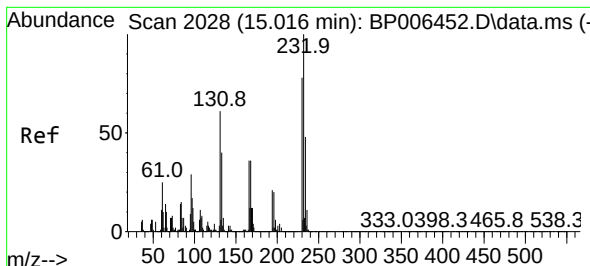
Tgt Ion:	165	Resp:	42971
Ion Ratio	Lower	Upper	
165	100		
63	55.0	32.3	48.5#
89	94.1	55.9	83.9#
182	2.6	2.2	3.4



#58
Fluorene
Concen: 4.691 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:	166	Resp:	180286
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.0	117.0
167	13.9	10.5	15.7

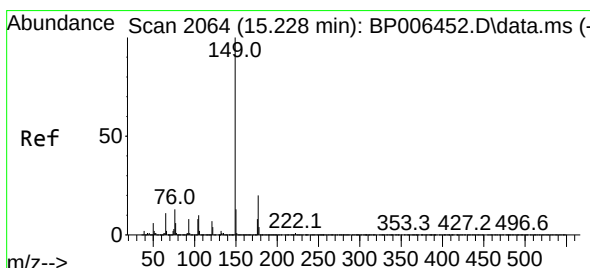
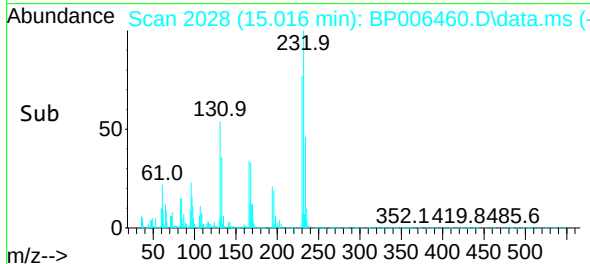
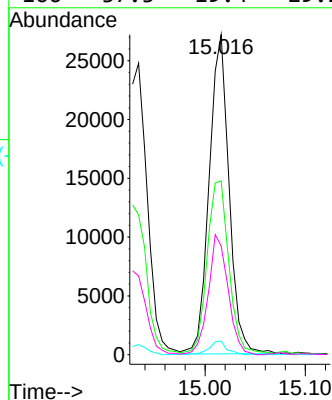
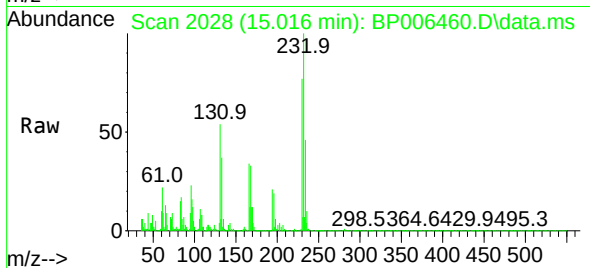




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.263 ng
RT: 15.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

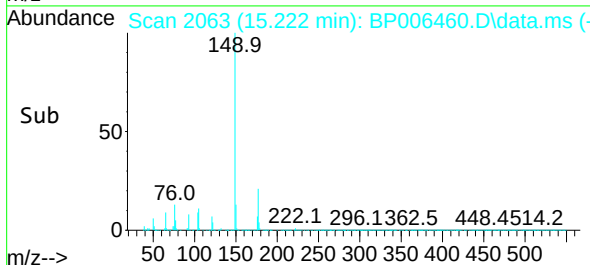
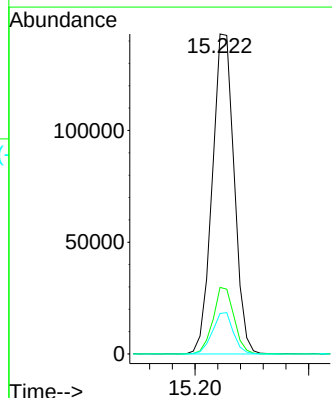
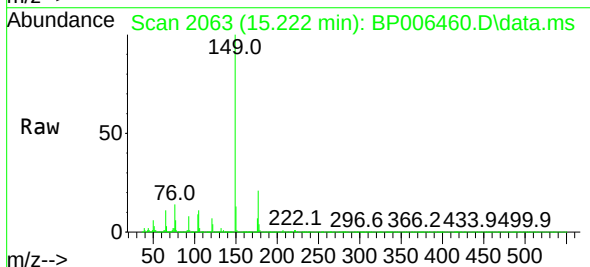
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

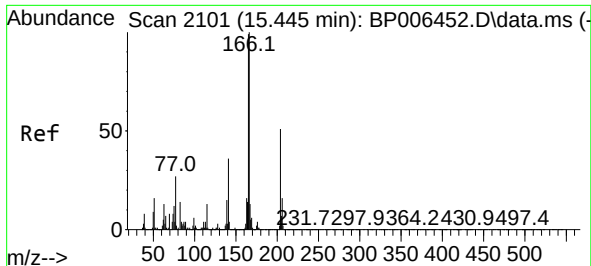
Tgt Ion:232	Resp:	37474
Ion Ratio	Lower	Upper
232	100	
131	58.9	32.2 48.4#
130	4.0	2.0 3.0#
166	37.3	19.4 29.2#



#60
Diethylphthalate
Concen: 4.735 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:149	Resp:	191671
Ion Ratio	Lower	Upper
149	100	
177	20.8	17.5 26.3
150	12.6	9.9 14.9

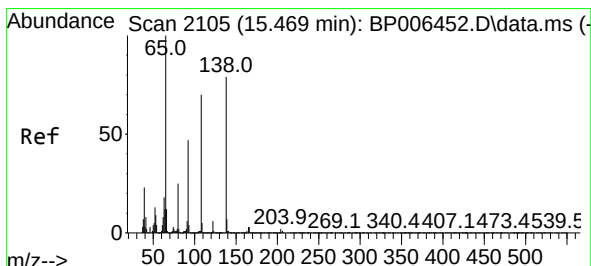
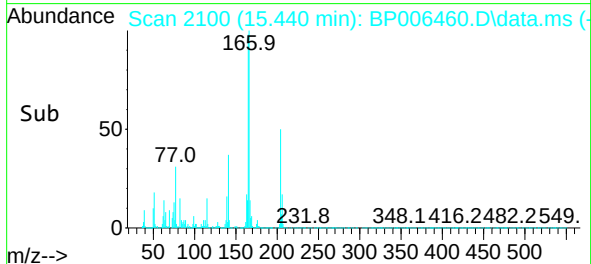
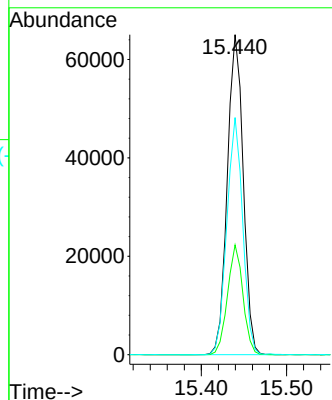
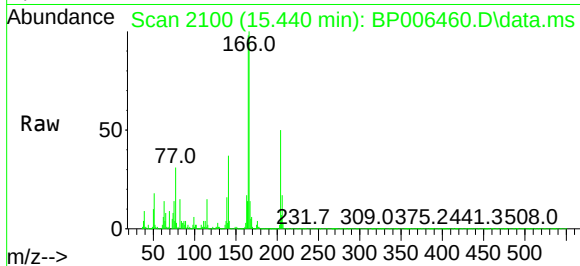




#61
4-Chlorophenyl-phenylether
Concen: 4.852 ng
RT: 15.440 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

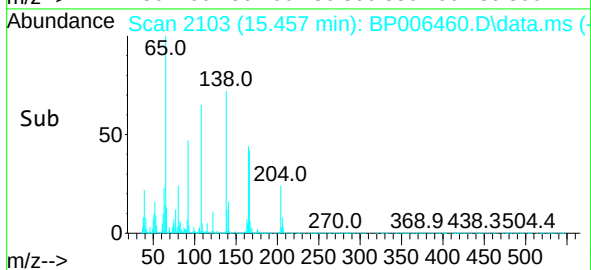
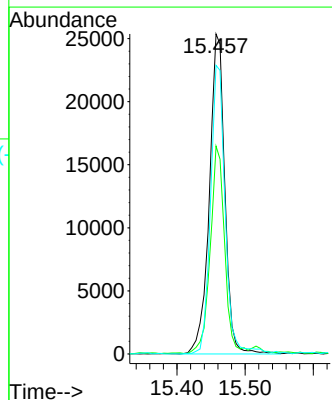
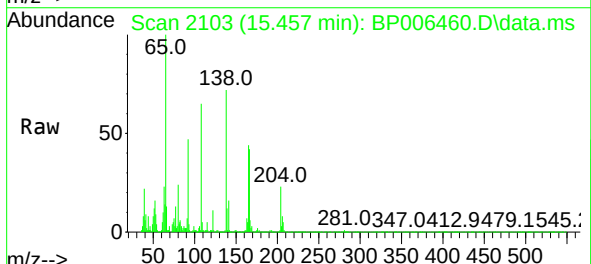
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

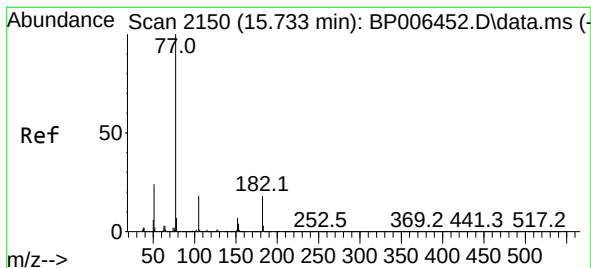
Tgt Ion:204 Resp: 84725
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 74.1 48.6 73.0#



#62
4-Nitroaniline
Concen: 4.035 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

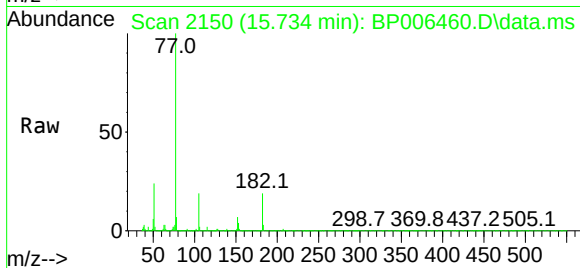
Tgt Ion:138 Resp: 40084
Ion Ratio Lower Upper
138 100
92 65.0 31.2 71.2
108 90.2 78.6 118.6



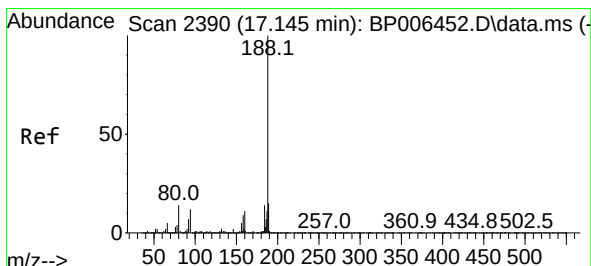
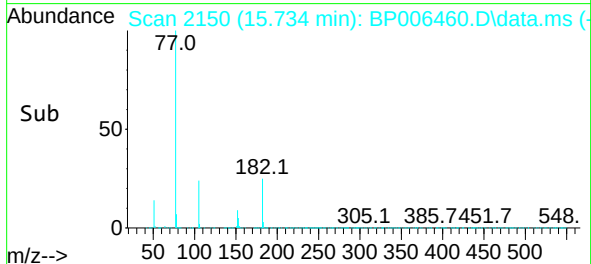
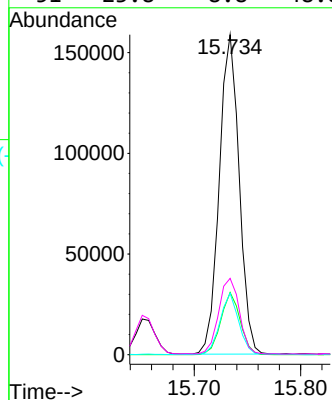


#63
Azobenzene
Concen: 4.389 ng
RT: 15.734 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

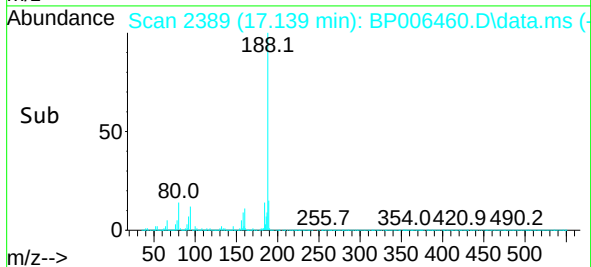
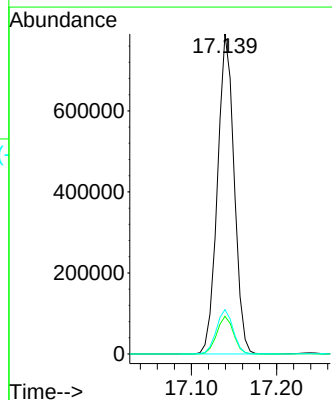
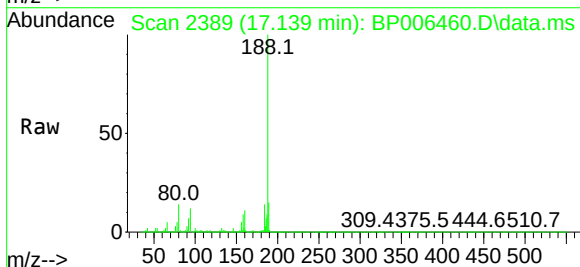


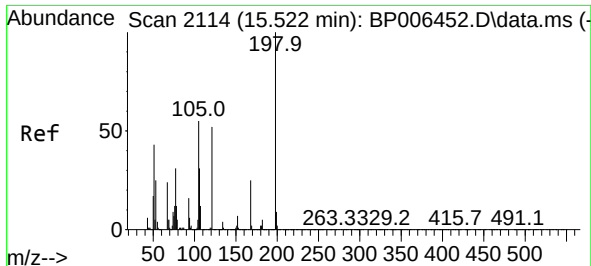
Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	6.0	46.0
105	19.2	0.0	38.8
51	23.8	8.8	48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	5.6	8.4#
80	13.8	6.3	9.5#

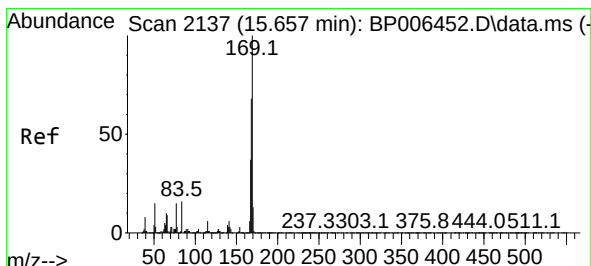
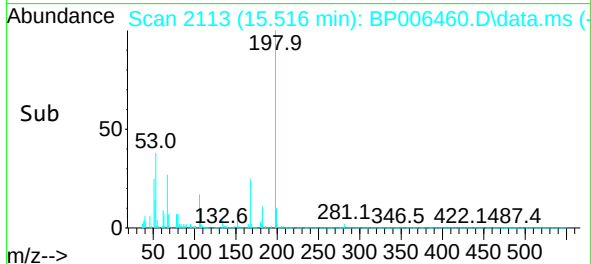
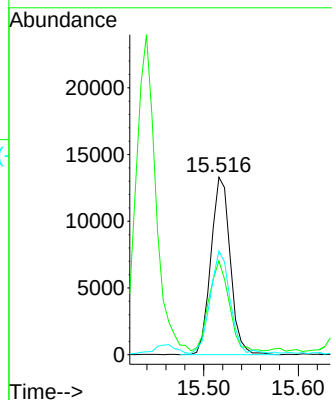
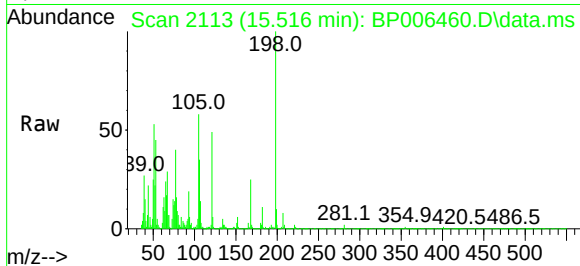




#65
4,6-Dinitro-2-methylphenol
Concen: 2.941 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

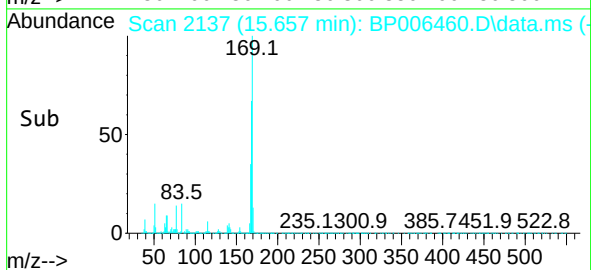
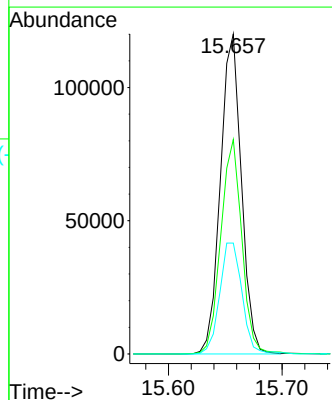
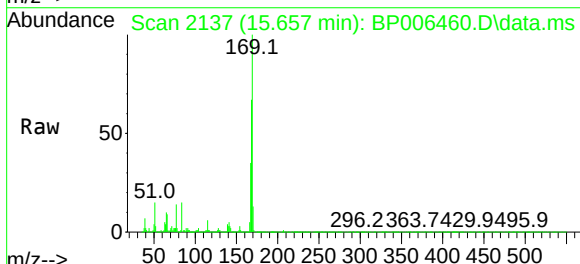
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

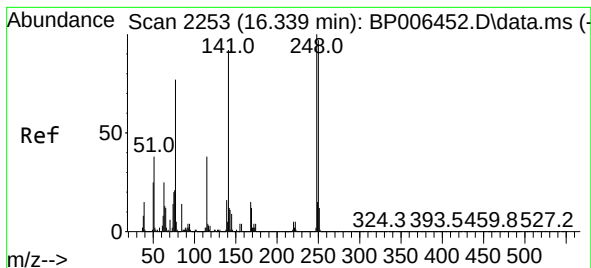
Tgt Ion:198 Resp: 18854
Ion Ratio Lower Upper
198 100
51 52.8 14.0 54.0
105 58.3 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 4.641 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:169 Resp: 153977
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 34.7 29.0 43.6

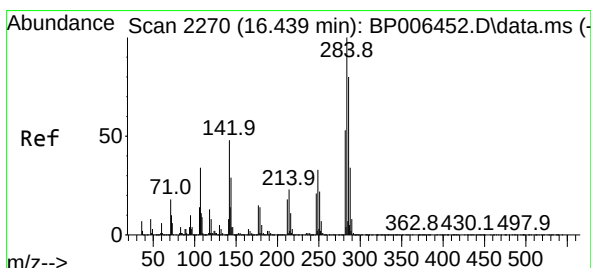
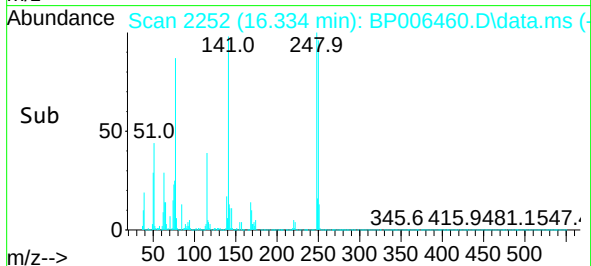
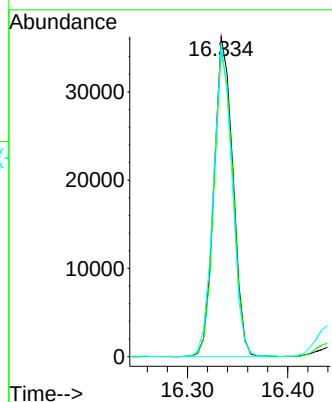
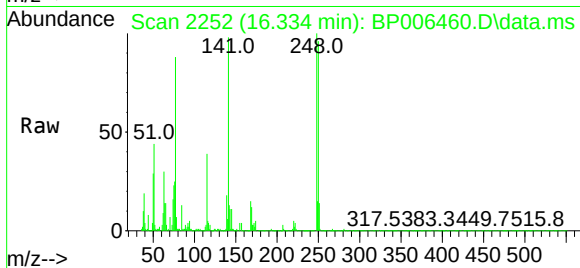




#67
4-Bromophenyl-phenylether
Concen: 4.628 ng
RT: 16.334 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

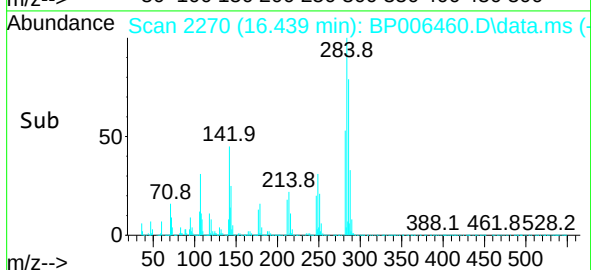
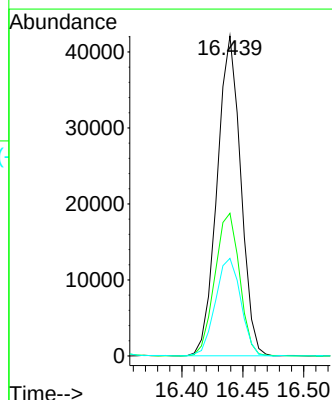
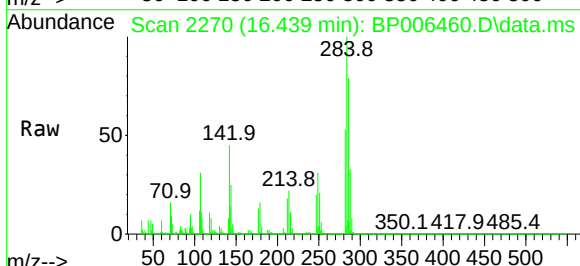
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

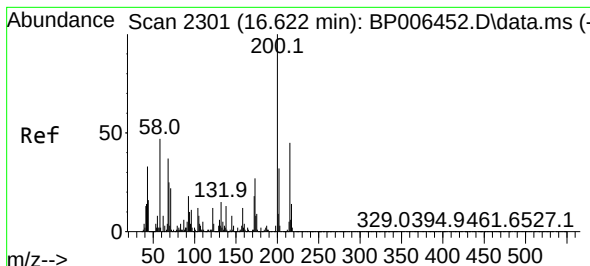
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	79.8	119.8
141	98.0	57.8	86.6#



#68
Hexachlorobenzene
Concen: 4.919 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.6	26.9	40.3#
249	30.5	24.5	36.7





#69

Atrazine

Concen: 4.973 ng

RT: 16.616 min Scan# 2300

Delta R.T. -0.006 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

Tgt Ion:200 Resp: 50756

Ion Ratio Lower Upper

200 100

173 25.9 4.1 44.1

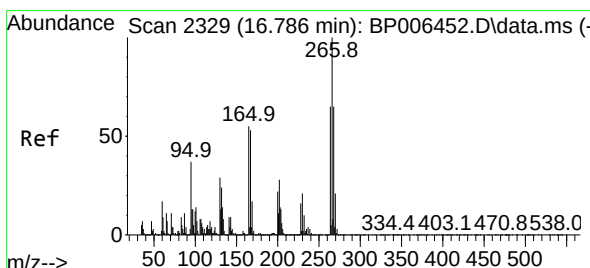
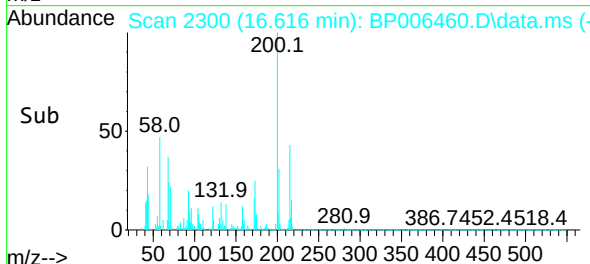
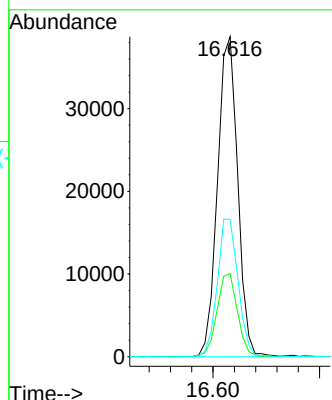
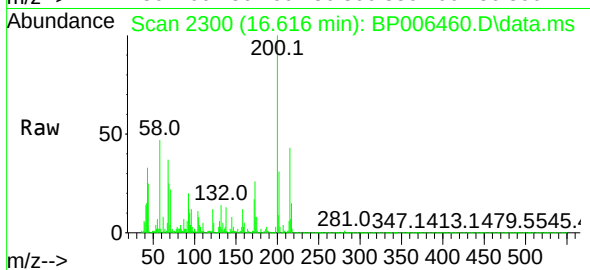
215 42.9 27.7 67.7

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#70

Pentachlorophenol

Concen: 3.945 ng

RT: 16.787 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

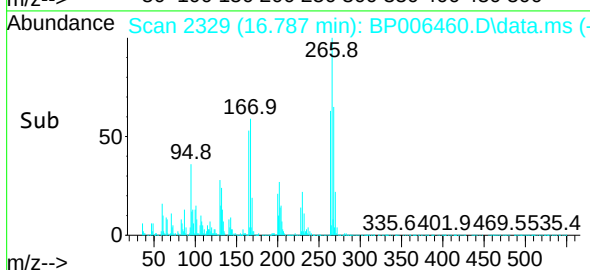
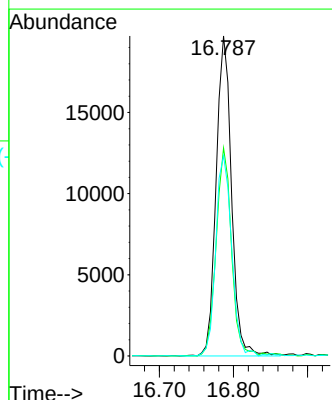
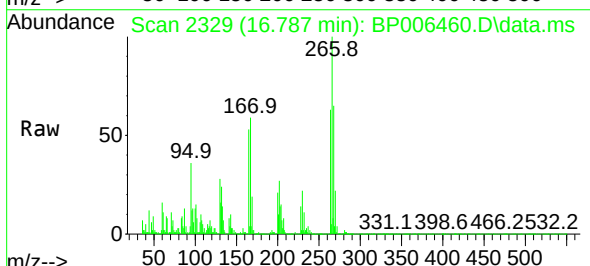
Tgt Ion:266 Resp: 28394

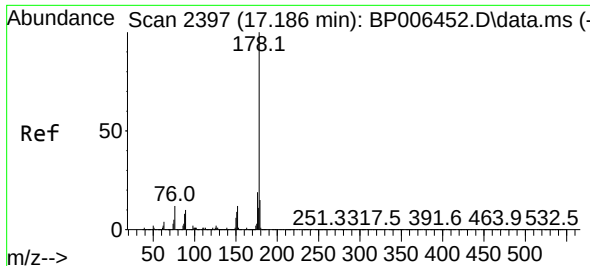
Ion Ratio Lower Upper

266 100

268 65.0 51.6 77.4

264 62.5 50.3 75.5

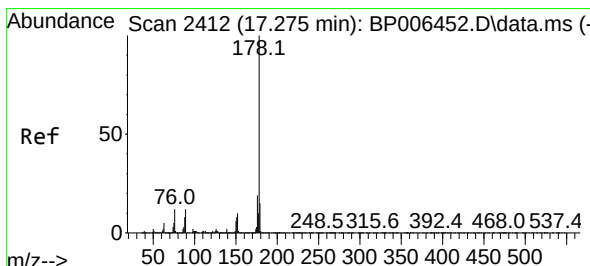
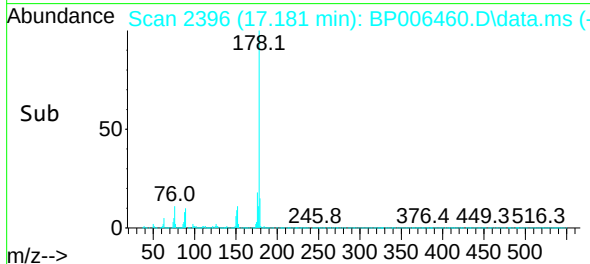
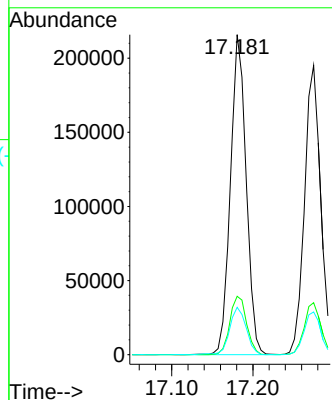
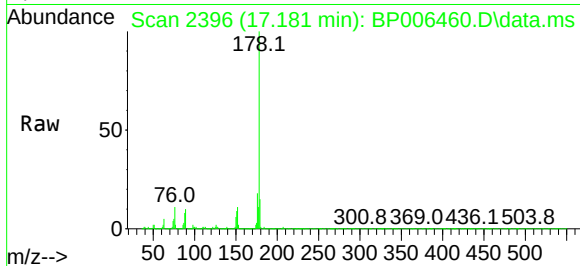




#71
Phenanthrene
Concen: 4.835 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

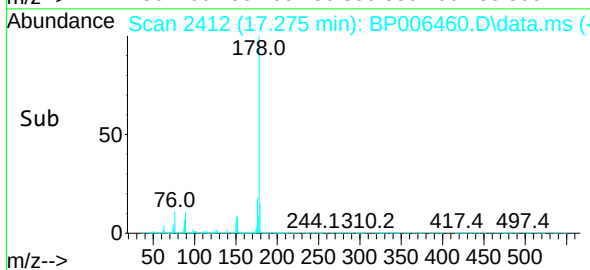
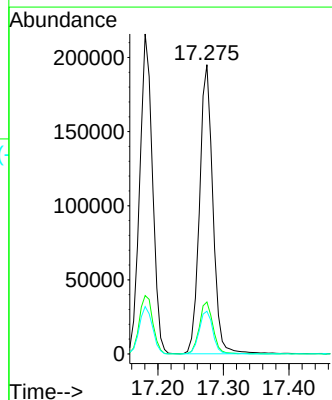
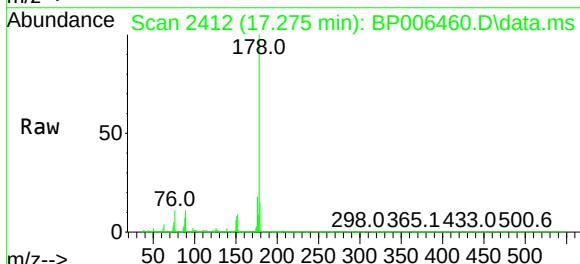
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

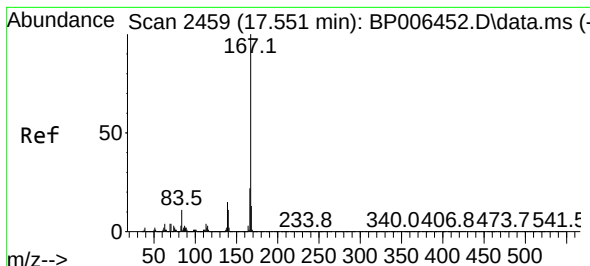
Tgt Ion:178 Resp: 290568
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 14.8 12.4 18.6



#72
Anthracene
Concen: 4.789 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:178 Resp: 275742
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 14.8 12.2 18.2

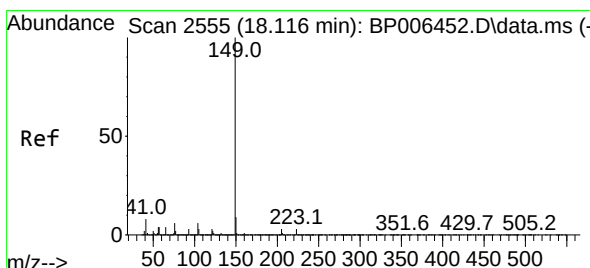
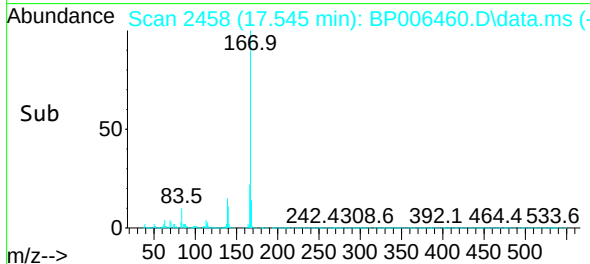
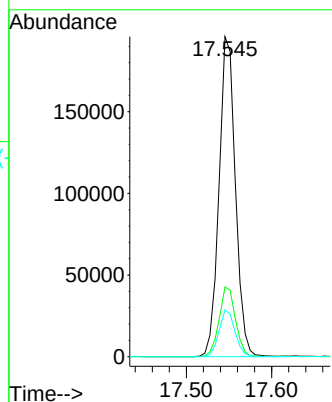
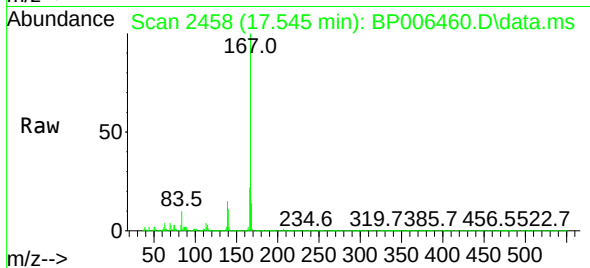




#73
 Carbazole
 Concen: 4.479 ng
 RT: 17.545 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BP006460.D
 Acq: 02 Aug 2021 20:39

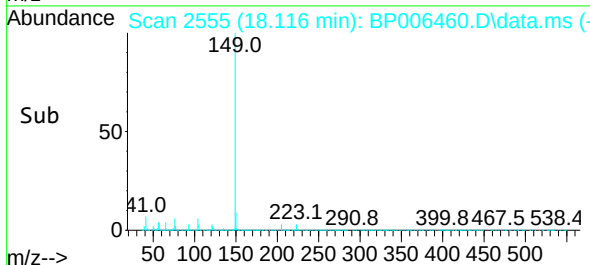
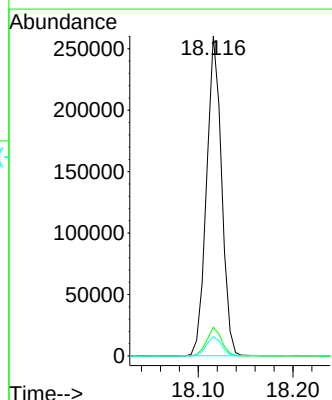
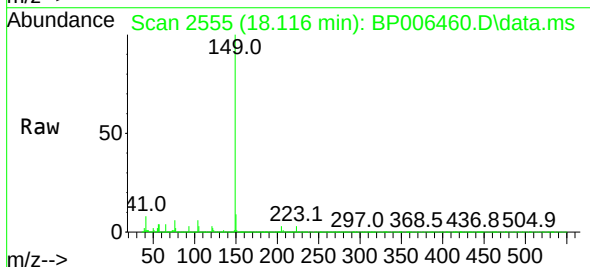
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

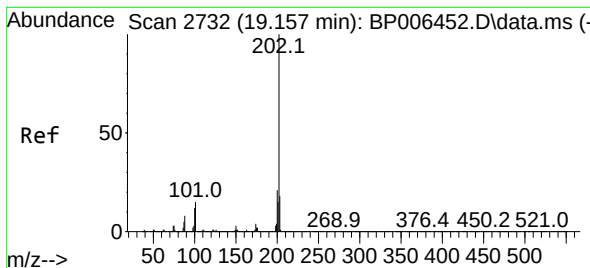
Tgt Ion:167 Resp: 261923
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 14.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 4.335 ng
 RT: 18.116 min Scan# 2555
 Delta R.T. 0.000 min
 Lab File: BP006460.D
 Acq: 02 Aug 2021 20:39

Tgt Ion:149 Resp: 286251
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 6.0 4.5 6.7

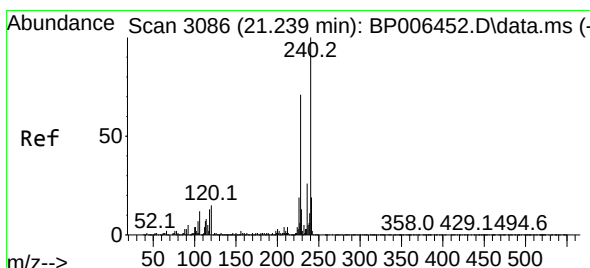
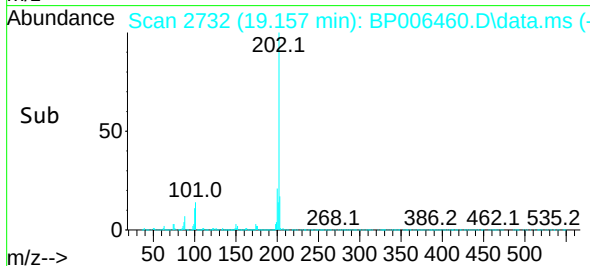
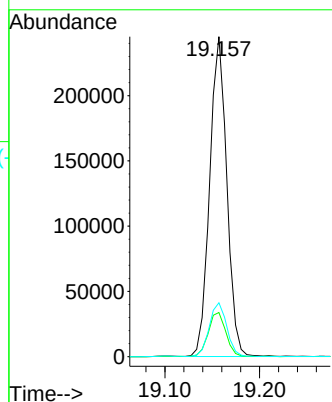
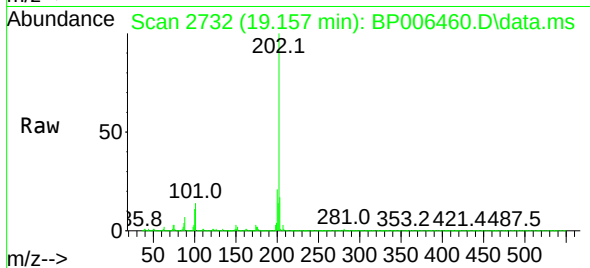




#75
Fluoranthene
Concen: 4.604 ng
RT: 19.157 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

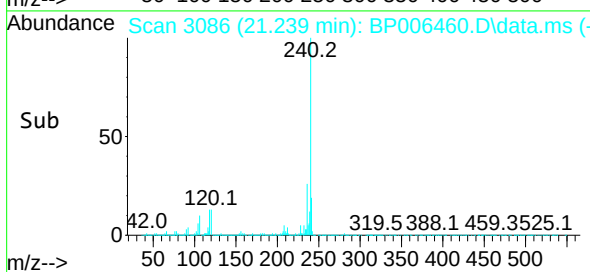
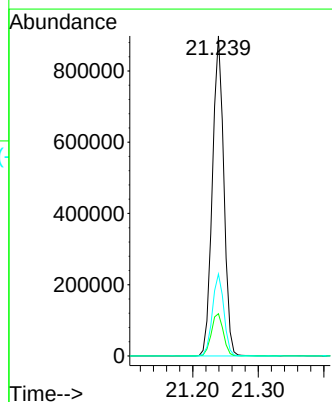
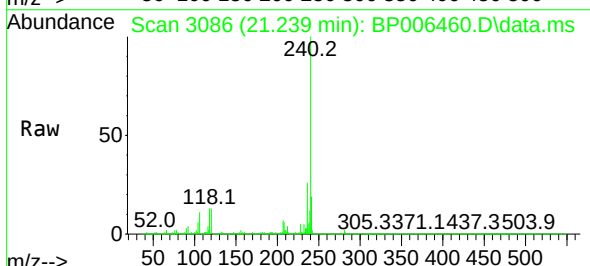
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

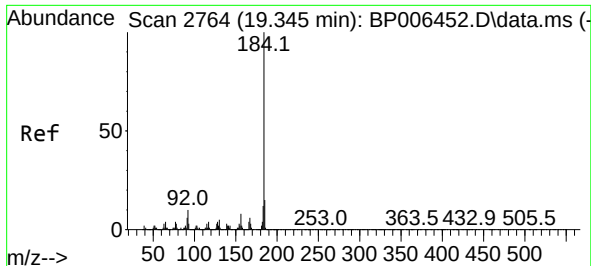
Tgt Ion:202 Resp: 307971
Ion Ratio Lower Upper
202 100
101 13.8 0.0 27.6
203 16.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:240 Resp: 1088943
Ion Ratio Lower Upper
240 100
120 13.2 6.5 9.7#
236 25.6 20.6 31.0

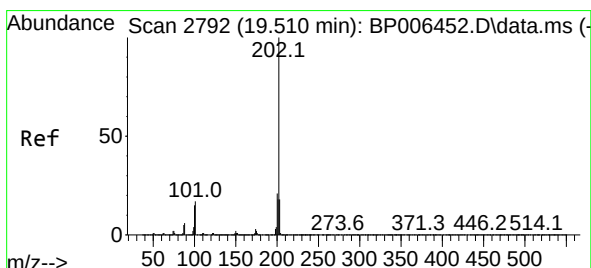
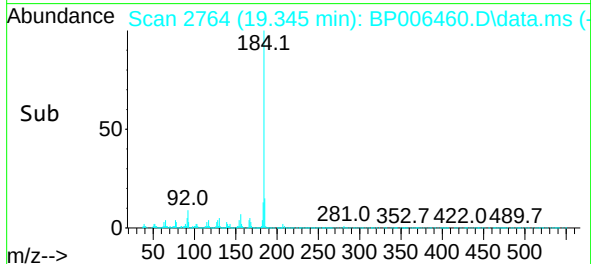
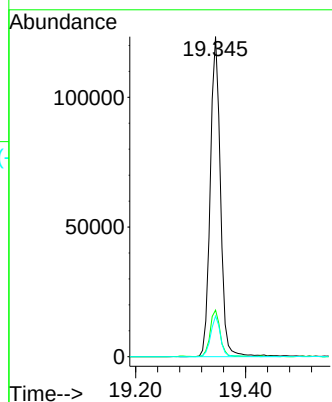
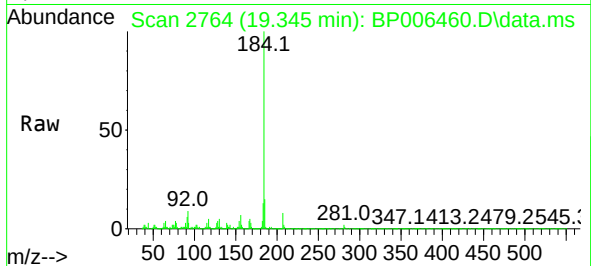




#77
Benzidine
Concen: 5.921 ng
RT: 19.345 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

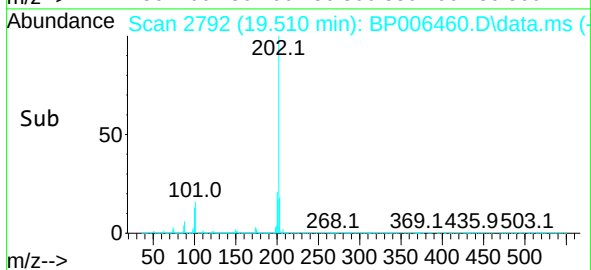
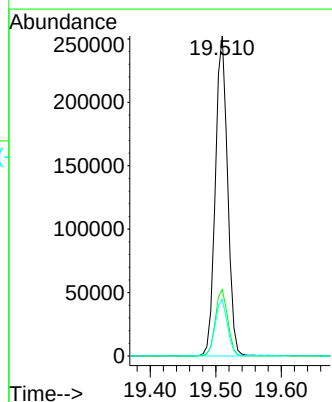
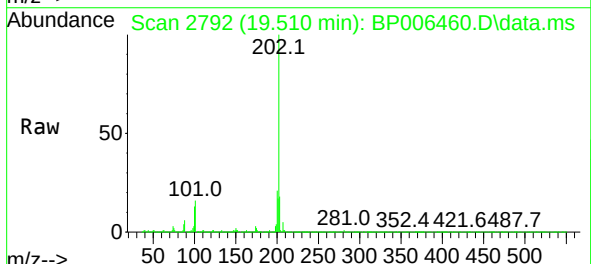
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

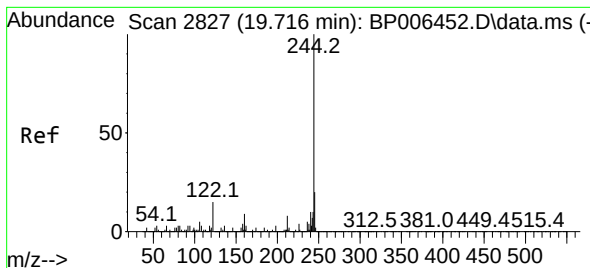
Tgt Ion:184 Resp: 158710
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.4
183 12.7 9.5 14.3



#78
Pyrene
Concen: 4.532 ng
RT: 19.510 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:202 Resp: 325372
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 49.008 ng

RT: 19.716 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

Tgt Ion:244 Resp: 2650344

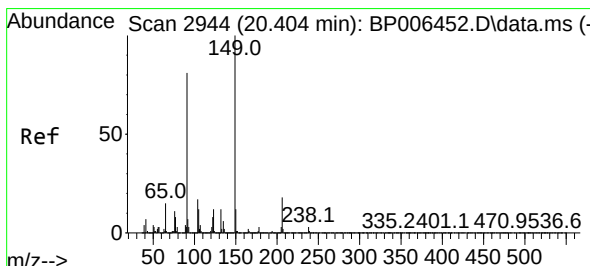
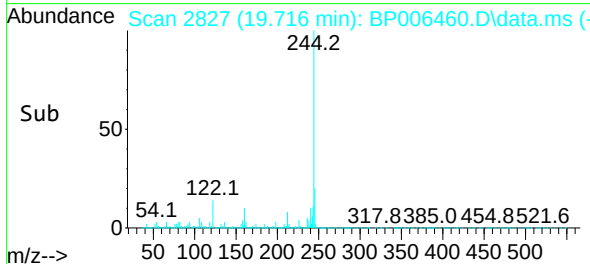
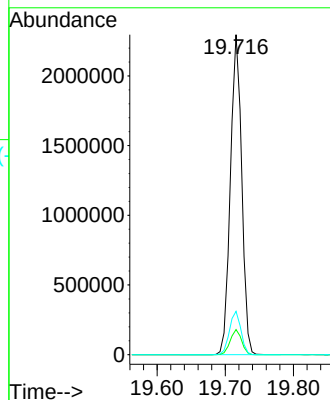
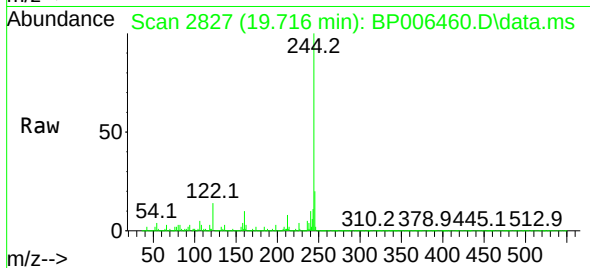
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.6	7.1	10.7#

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#80

Butylbenzylphthalate

Concen: 3.853 ng

RT: 20.404 min Scan# 2944

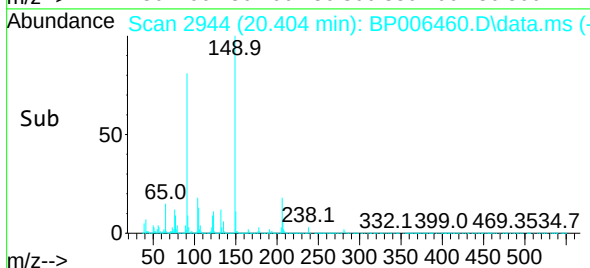
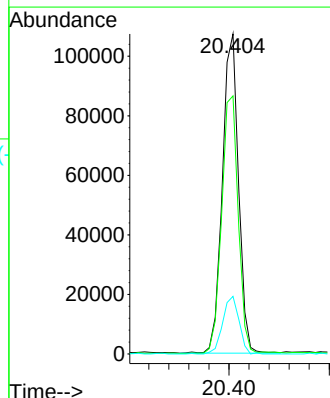
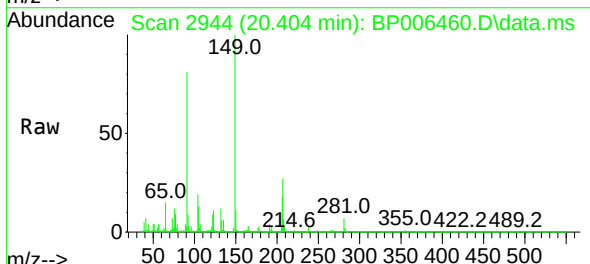
Delta R.T. -0.000 min

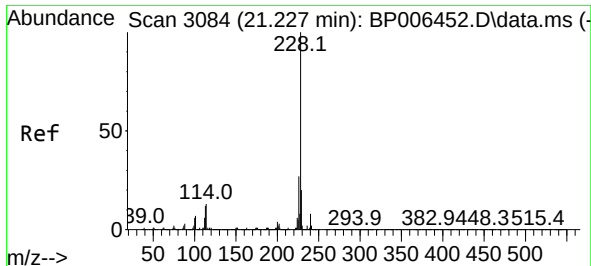
Lab File: BP006460.D

Acq: 02 Aug 2021 20:39

Tgt Ion:149 Resp: 119523

Ion	Ratio	Lower	Upper
149	100		
91	80.6	54.6	81.8
206	18.0	16.7	25.1

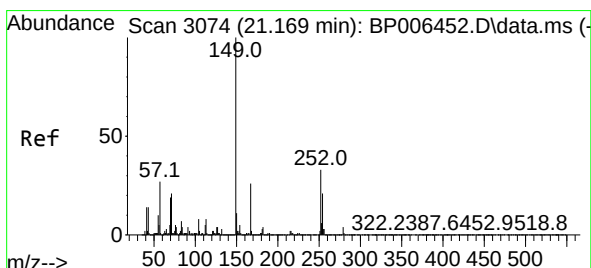
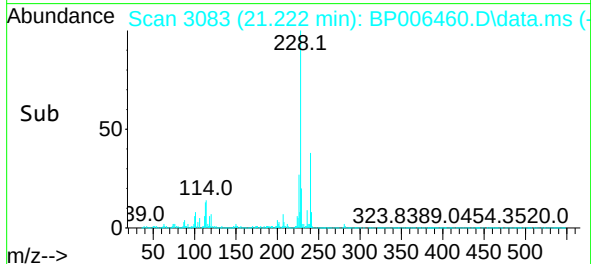
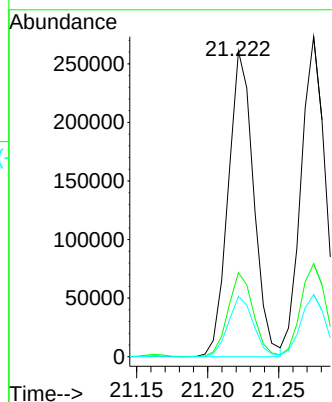
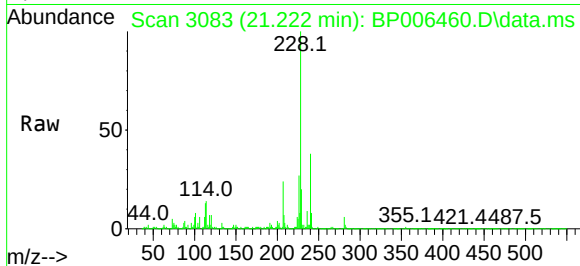




#81
Benzo(a)anthracene
Concen: 4.649 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

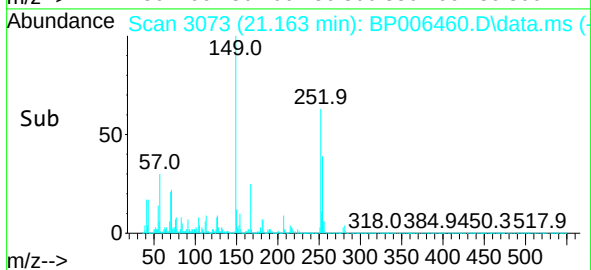
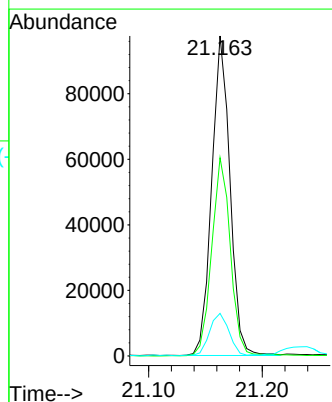
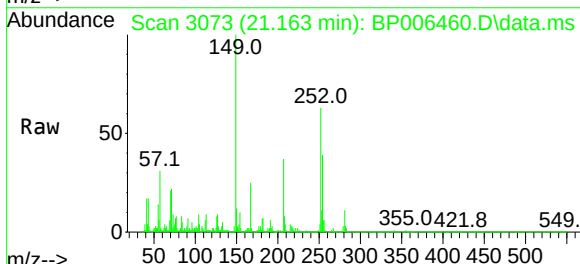
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

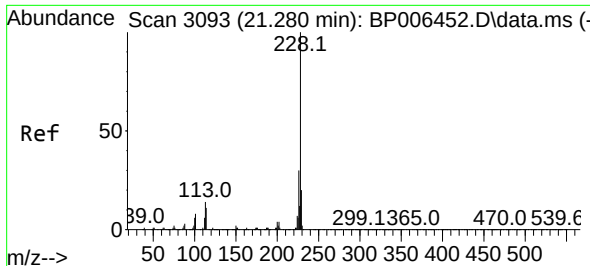
Tgt Ion:228 Resp: 325924
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 5.853 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:252 Resp: 108764
Ion Ratio Lower Upper
252 100
254 62.0 50.6 76.0
126 13.3 7.0 10.6#

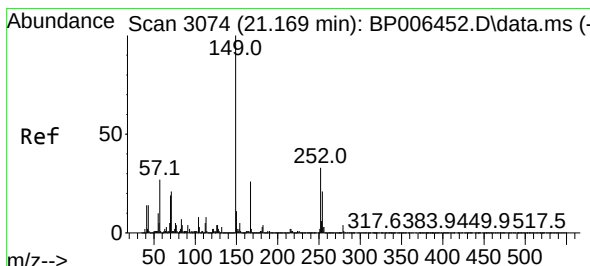
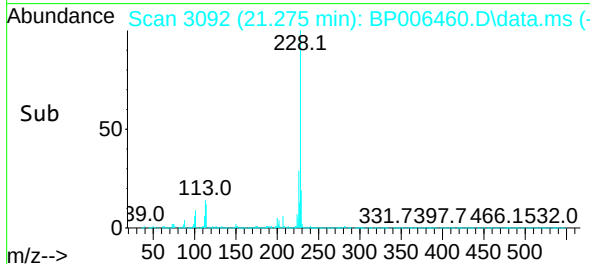
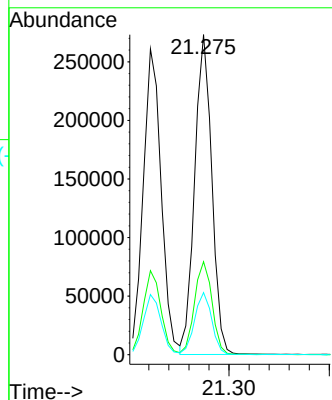
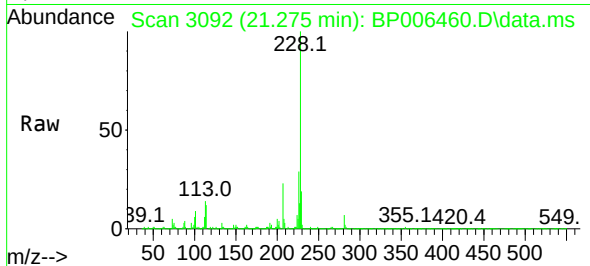




#83
Chrysene
Concen: 4.745 ng
RT: 21.275 min Scan# 3092
Delta R.T. -0.005 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

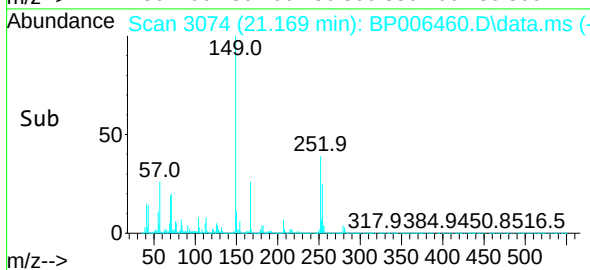
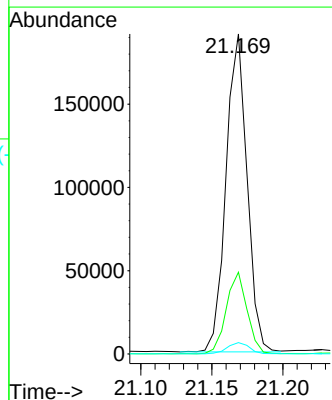
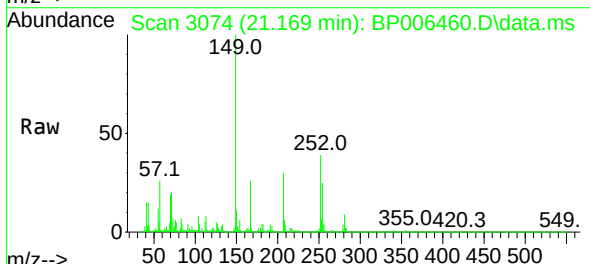
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

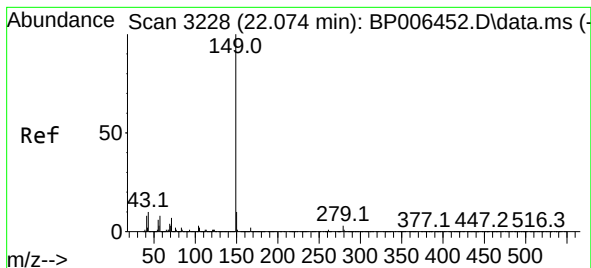
Tgt Ion:228 Resp: 324120
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.6
229 19.4 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.093 ng
RT: 21.169 min Scan# 3074
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:149 Resp: 196112
Ion Ratio Lower Upper
149 100
167 25.5 21.9 32.9
279 3.6 4.3 6.5#

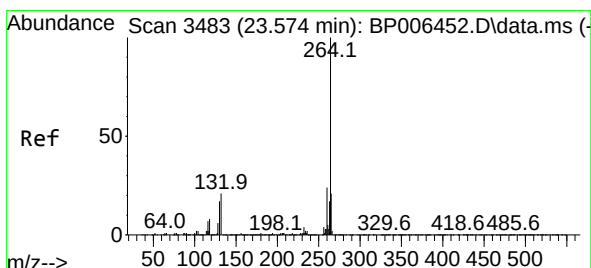
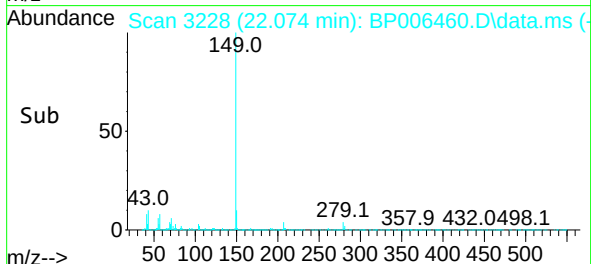
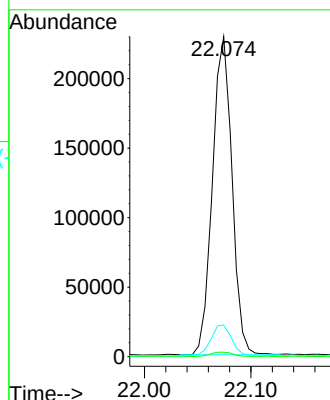
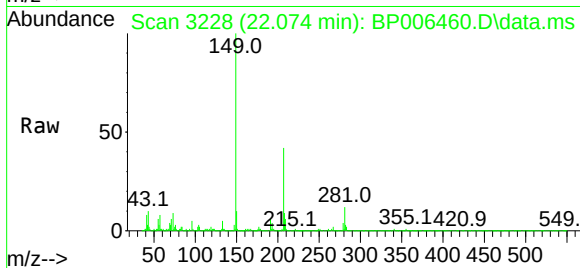




#85
Di-n-octyl phthalate
Concen: 3.585 ng
RT: 22.074 min Scan# 3228
Delta R.T. 0.000 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

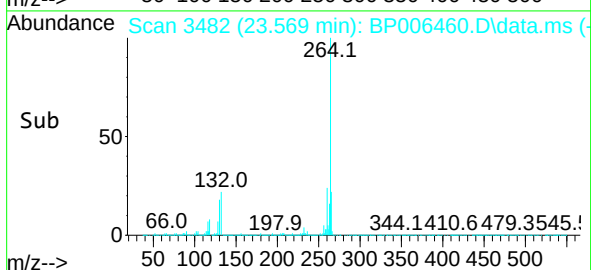
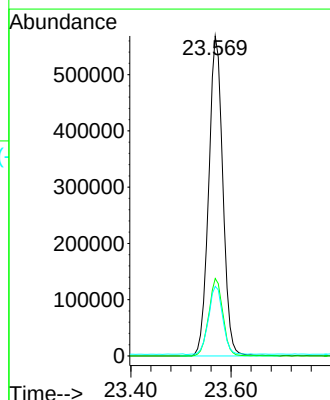
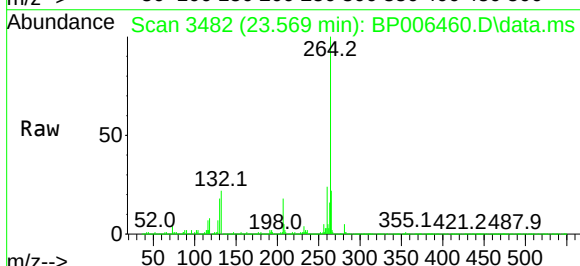
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

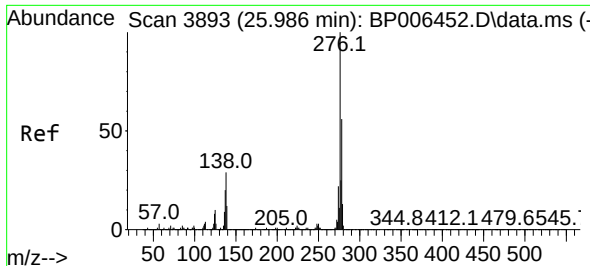
Tgt Ion:149 Resp: 290894
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.5 5.6 8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.569 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:264 Resp: 1112170
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.7 17.6 26.4

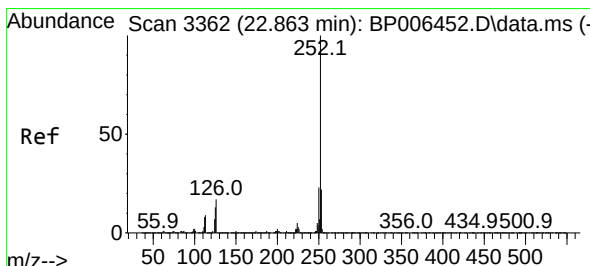
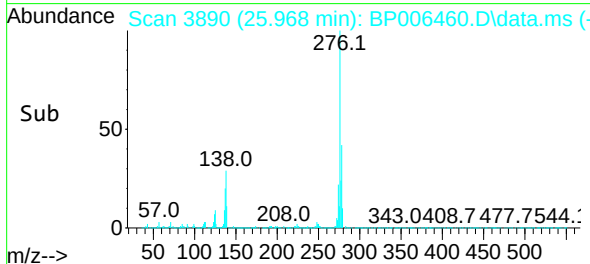
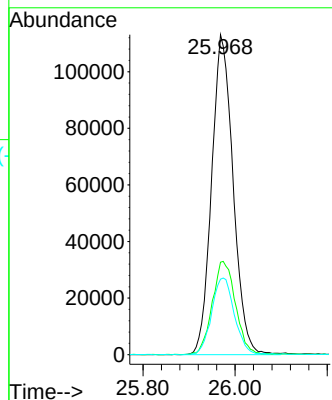
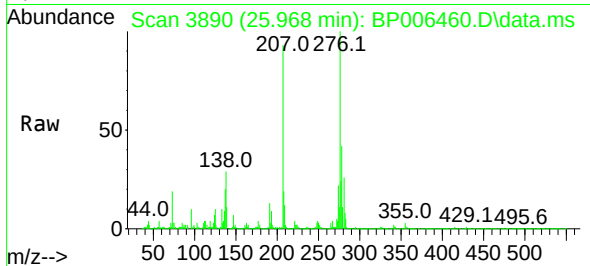




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.586 ng
RT: 25.968 min Scan# 3890
Delta R.T. -0.018 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

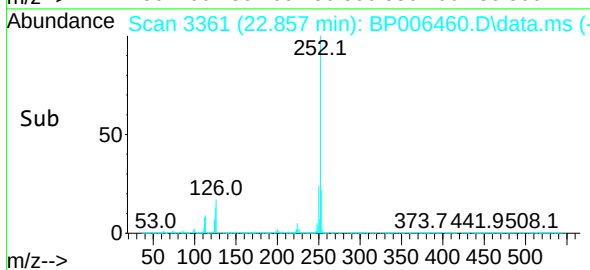
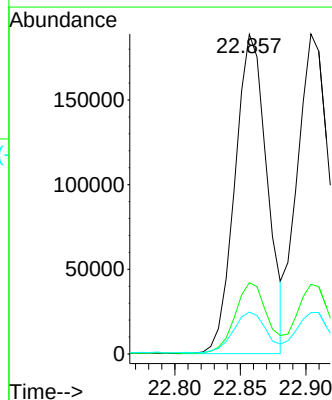
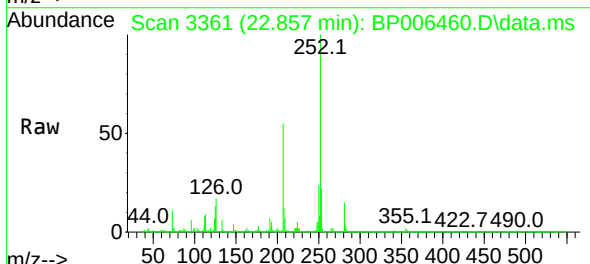
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

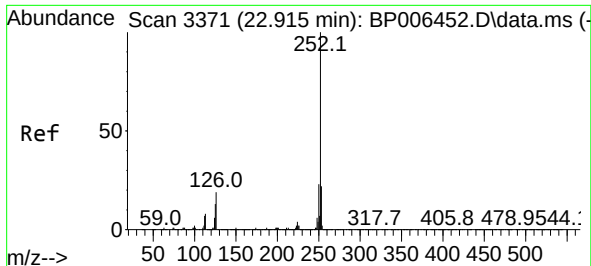
Tgt Ion:276 Resp: 365940
Ion Ratio Lower Upper
276 100
138 31.4 15.3 22.9#
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 4.508 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:252 Resp: 321857
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.1 6.2 9.4#

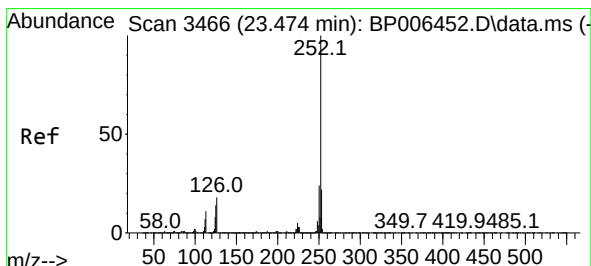
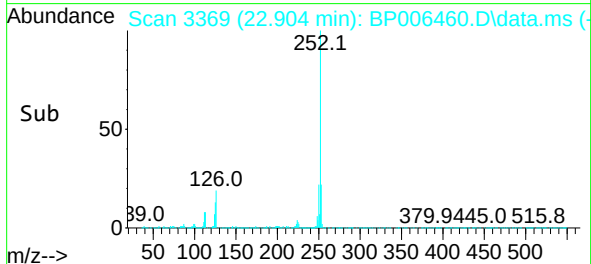
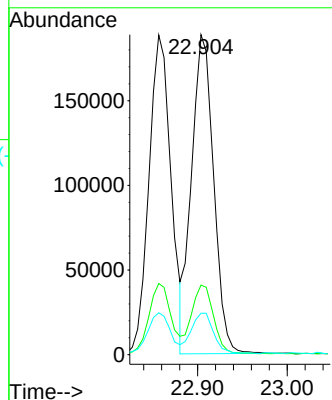
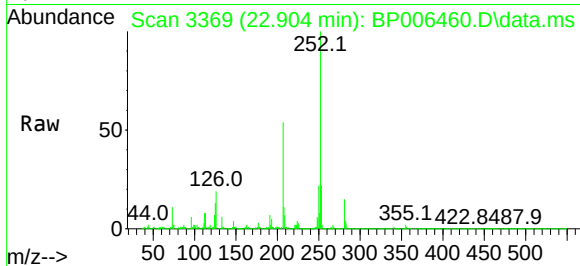




#89
Benzo(k)fluoranthene
Concen: 4.654 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.012 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

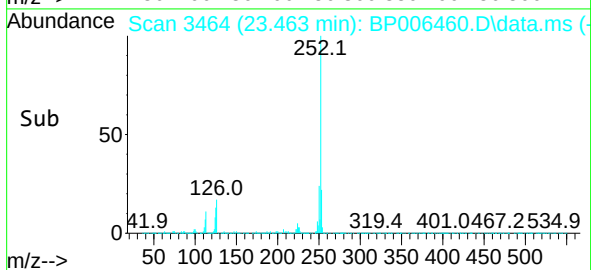
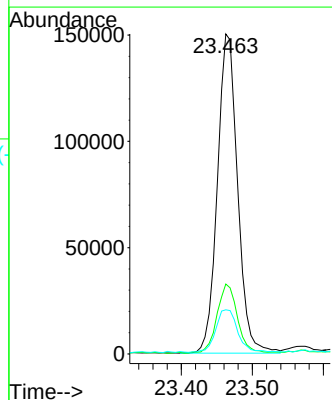
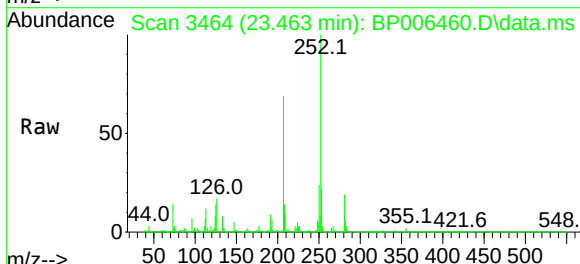
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

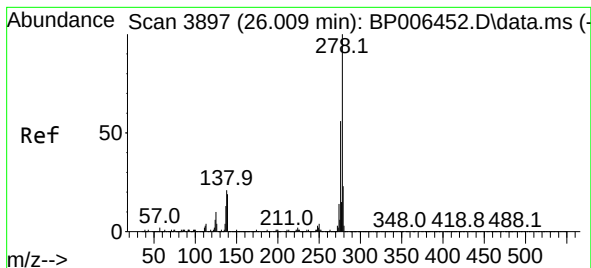
Tgt Ion:252 Resp: 322310
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.9 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 4.638 ng
RT: 23.463 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:252 Resp: 296457
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 13.8 6.5 9.7#

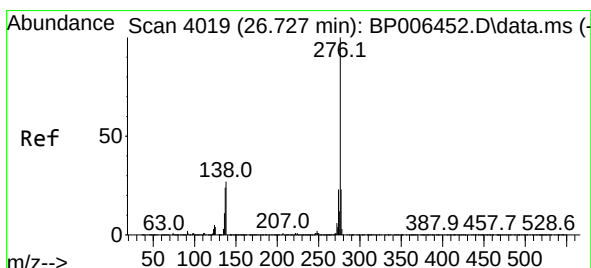
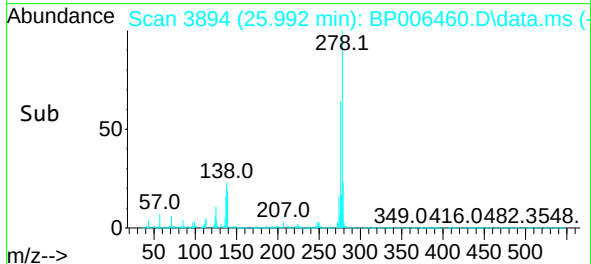
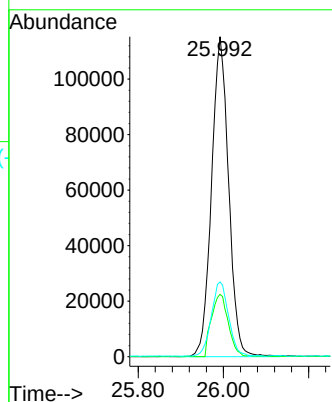
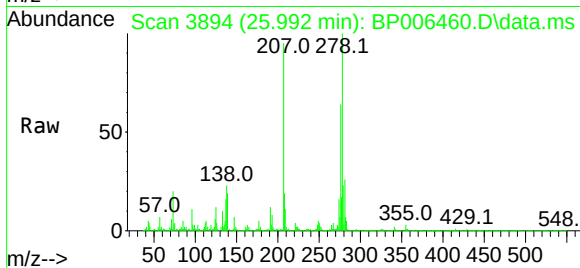




#91
Dibenzo(a,h)anthracene
Concen: 4.642 ng
RT: 25.992 min Scan# 3894
Delta R.T. -0.017 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Tgt Ion:278 Resp: 320768
Ion Ratio Lower Upper
278 100
139 19.5 9.3 13.9#
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 4.669 ng
RT: 26.710 min Scan# 4016
Delta R.T. -0.018 min
Lab File: BP006460.D
Acq: 02 Aug 2021 20:39

Tgt Ion:276 Resp: 309366
Ion Ratio Lower Upper
276 100
277 22.4 18.9 28.3
138 26.5 12.6 18.8#

