

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
 Data File : BP006461.D
 Acq On : 02 Aug 2021 21:13
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 03 05:10:12 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	206649	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	852332	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	493551	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	974278	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	983688	20.000	ng	# 0.00
86) Perylene-d12	23.568	264	996539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1565454	118.137	ng	0.00
7) Phenol-d6	6.940	99	2166012	115.779	ng	0.00
23) Nitrobenzene-d5	8.916	82	871336	48.198	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	606201	120.119	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1564738	47.521	ng	0.00
79) Terphenyl-d14	19.716	244	2302002	47.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	62774	10.690	ng	90
3) Pyridine	3.711	79	155931	9.195	ng	95
4) n-Nitrosodimethylamine	3.622	42	65119	10.166	ng	# 83
6) Aniline	7.099	93	228893	11.193	ng	95
8) 2-Chlorophenol	7.328	128	143672	10.023	ng	90
9) Benzaldehyde	6.910	77	152825	13.035	ng	90
10) Phenol	6.963	94	187642	9.954	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	150318	10.418	ng	92
12) 1,3-Dichlorobenzene	7.652	146	153243	10.130	ng	97
13) 1,4-Dichlorobenzene	7.799	146	155952	10.190	ng	98
14) 1,2-Dichlorobenzene	8.110	146	149791	10.186	ng	96
15) Benzyl Alcohol	8.005	79	137629	9.824	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.299	45	176599	10.371	ng	94
17) 2-Methylphenol	8.204	107	116245	9.856	ng	95
18) Hexachloroethane	8.828	117	62018	10.341	ng	# 88
19) n-Nitroso-di-n-propyla...	8.569	70	125898	10.150	ng	# 95
20) 3+4-Methylphenols	8.528	107	155794	9.686	ng	96
22) Acetophenone	8.581	105	231571	10.304	ng	# 97
24) Nitrobenzene	8.957	77	187197	9.976	ng	90
25) Isophorone	9.487	82	296502	9.186	ng	95
26) 2-Nitrophenol	9.663	139	59891	8.916	ng	94
27) 2,4-Dimethylphenol	9.728	122	127056	11.053	ng	96
28) bis(2-Chloroethoxy)met...	9.969	93	191899	10.873	ng	98
29) 2,4-Dichlorophenol	10.193	162	107334	9.236	ng	94
30) 1,2,4-Trichlorobenzene	10.410	180	125850	9.971	ng	98
31) Naphthalene	10.593	128	450435	9.920	ng	100
32) Benzoic acid	9.804	122	53251	6.101	ng	97
33) 4-Chloroaniline	10.710	127	184702	10.176	ng	95
34) Hexachlorobutadiene	10.881	225	73031	9.899	ng	98
35) Caprolactam	11.487	113	36994	8.683	ng	# 60
36) 4-Chloro-3-methylphenol	11.834	107	137969	9.518	ng	90
37) 2-Methylnaphthalene	12.204	142	306885	10.069	ng	99
38) 1-Methylnaphthalene	12.428	142	282715	9.766	ng	97
40) 1,2,4,5-Tetrachloroben...	12.575	216	129572	10.073	ng	# 95
41) Hexachlorocyclopentadiene	12.557	237	82503	12.101	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	76507	8.868	ng	98

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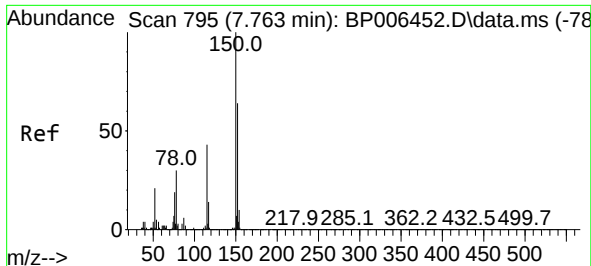
Quant Time: Aug 03 05:10:12 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	88255	9.241	ng	# 88
46) 1,1'-Biphenyl	13.222	154	385543	10.334	ng	95
47) 2-Chloronaphthalene	13.263	162	280690	9.769	ng	95
48) 2-Nitroaniline	13.469	65	88797	9.215	ng	# 82
49) Acenaphthylene	14.110	152	457617	10.025	ng	99
50) Dimethylphthalate	13.857	163	353609	9.966	ng	99
51) 2,6-Dinitrotoluene	13.969	165	69391	8.988	ng	# 68
52) Acenaphthene	14.451	154	271015	9.629	ng	96
53) 3-Nitroaniline	14.298	138	77637	9.073	ng	# 77
54) 2,4-Dinitrophenol	14.504	184	29433	7.023	ng	# 82
55) Dibenzofuran	14.787	168	428534	9.720	ng	92
56) 4-Nitrophenol	14.604	139	66104	8.506	ng	84
57) 2,4-Dinitrotoluene	14.757	165	90196	8.752	ng	# 74
58) Fluorene	15.439	166	338665	9.669	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	74040	9.243	ng	# 72
60) Diethylphthalate	15.228	149	365760	9.914	ng	97
61) 4-Chlorophenyl-phenyle...	15.439	204	159125	9.998	ng	# 88
62) 4-Nitroaniline	15.463	138	80126	8.850	ng	91
63) Azobenzene	15.733	77	409907	9.622	ng	92
65) 4,6-Dinitro-2-methylph...	15.516	198	39292	6.741	ng	# 65
66) n-Nitrosodiphenylamine	15.657	169	291507	9.663	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	89443	9.575	ng	# 90
68) Hexachlorobenzene	16.439	284	104662	9.943	ng	# 86
69) Atrazine	16.616	200	97247	10.479	ng	95
70) Pentachlorophenol	16.786	266	57078	8.723	ng	98
71) Phenanthrene	17.180	178	537693	9.840	ng	99
72) Anthracene	17.275	178	530631	10.136	ng	99
73) Carbazole	17.551	167	495785	9.323	ng	99
74) Di-n-butylphthalate	18.116	149	573803	9.556	ng	99
75) Fluoranthene	19.157	202	580587	9.546	ng	93
77) Benzidine	19.345	184	323381	13.356	ng	98
78) Pyrene	19.510	202	616862	9.512	ng	99
80) Butylbenzylphthalate	20.404	149	246079	8.783	ng	89
81) Benzo(a)anthracene	21.221	228	600815	9.487	ng	99
82) 3,3'-Dichlorobenzidine	21.163	252	208961	12.449	ng	# 98
83) Chrysene	21.274	228	594493	9.635	ng	100
84) Bis(2-ethylhexyl)phtha...	21.169	149	397897	9.193	ng	# 97
85) Di-n-octyl phthalate	22.074	149	619145	8.448	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.974	276	674103	9.428	ng	# 88
88) Benzo(b)fluoranthene	22.857	252	607264	9.493	ng	# 95
89) Benzo(k)fluoranthene	22.904	252	597097	9.621	ng	# 96
90) Benzo(a)pyrene	23.462	252	562561	9.823	ng	# 94
91) Dibenzo(a,h)anthracene	25.992	278	586099	9.465	ng	# 92
92) Benzo(g,h,i)perylene	26.709	276	565755	9.530	ng	# 90

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

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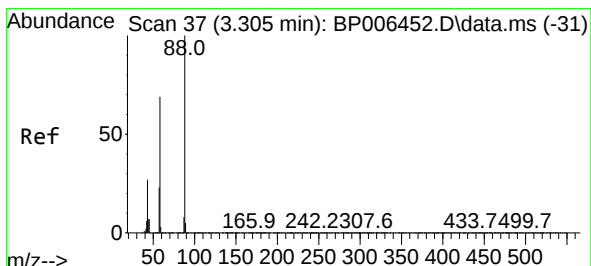
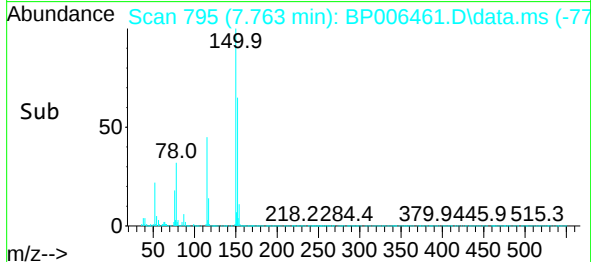
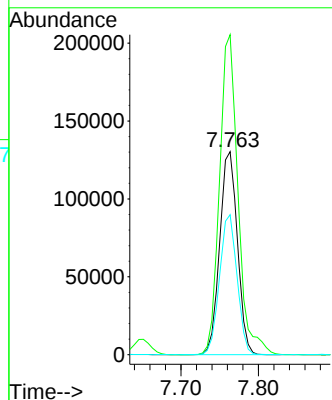
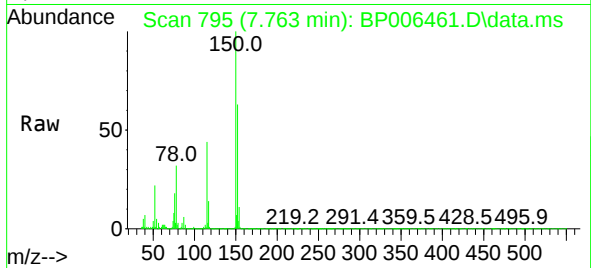




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BP006461.D
 Acq: 02 Aug 2021 21:13

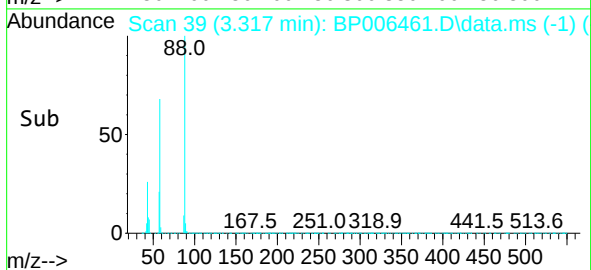
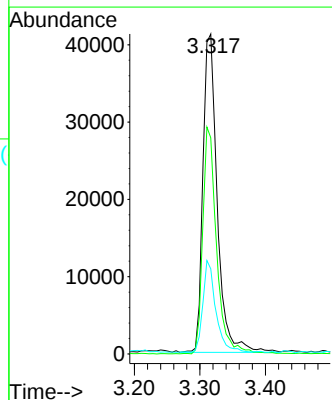
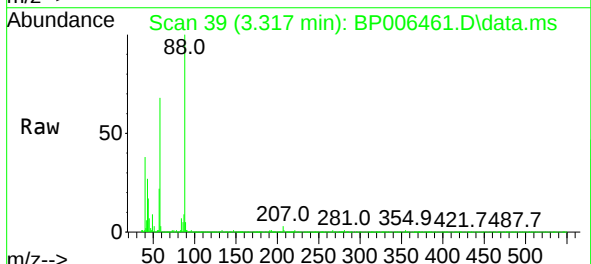
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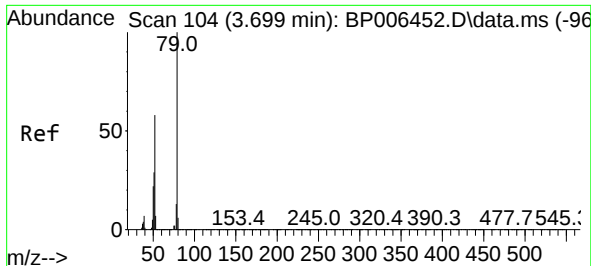
Tgt Ion:152 Resp: 206649
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.6 188.4
 115 68.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 10.690 ng
 RT: 3.317 min Scan# 39
 Delta R.T. 0.012 min
 Lab File: BP006461.D
 Acq: 02 Aug 2021 21:13

Tgt Ion: 88 Resp: 62774
 Ion Ratio Lower Upper
 88 100
 58 68.8 46.7 70.1
 43 26.2 20.3 30.5

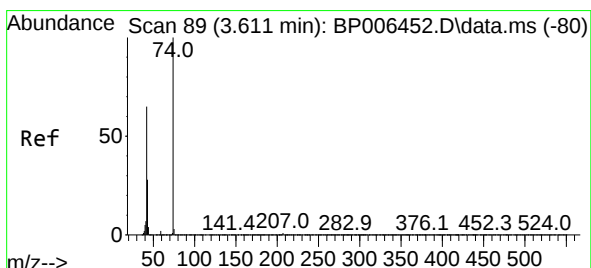
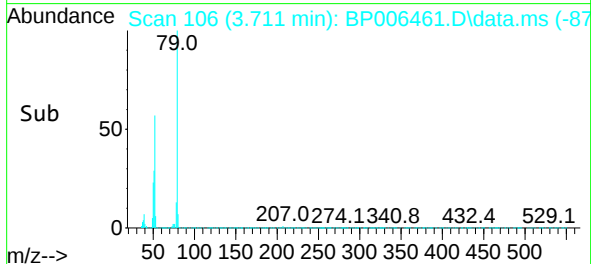
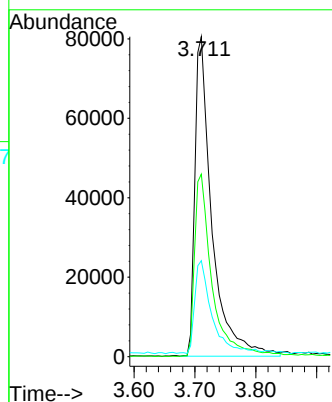
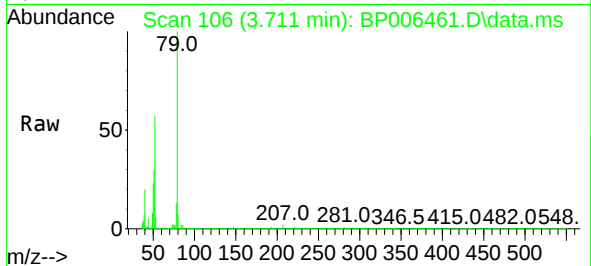




#3
Pyridine
Concen: 9.195 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.012 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

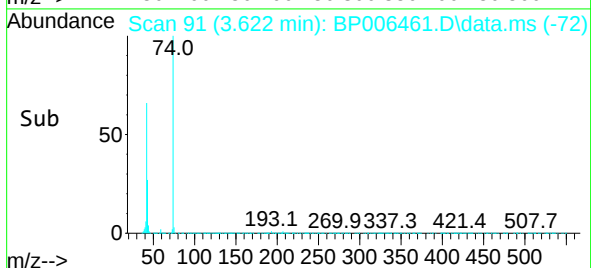
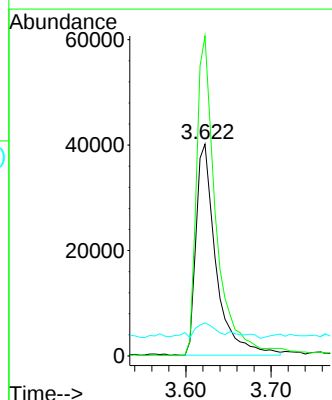
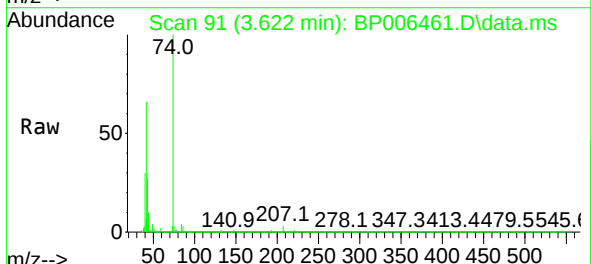
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

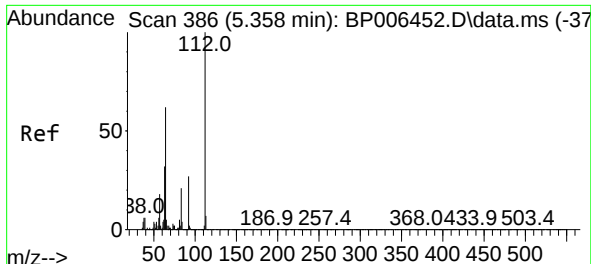
Tgt Ion: 79 Resp: 155931
Ion Ratio Lower Upper
79 100
52 57.0 41.7 62.5
51 30.0 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 10.166 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 42 Resp: 65119
Ion Ratio Lower Upper
42 100
74 151.0 105.4 158.0
44 15.7 4.2 6.4

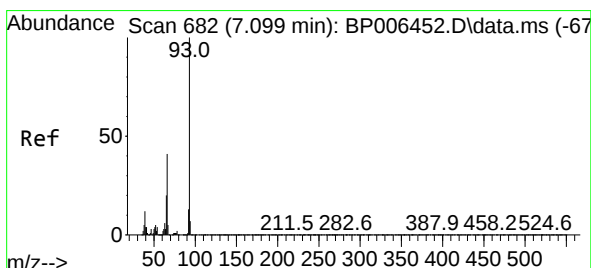
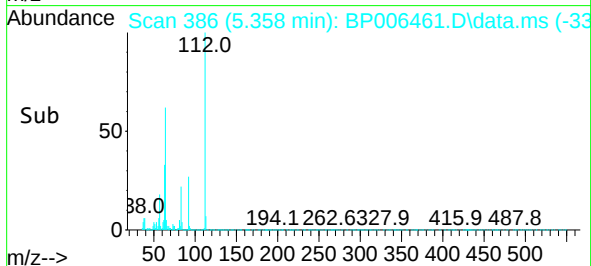
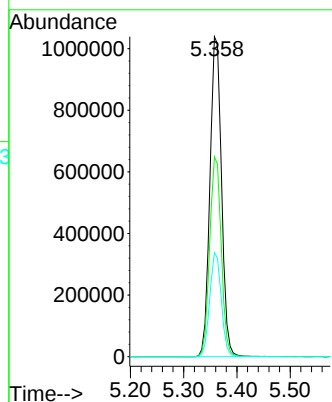
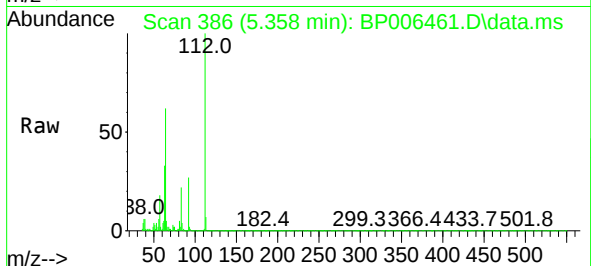




#5
2-Fluorophenol
Concen: 118.137 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

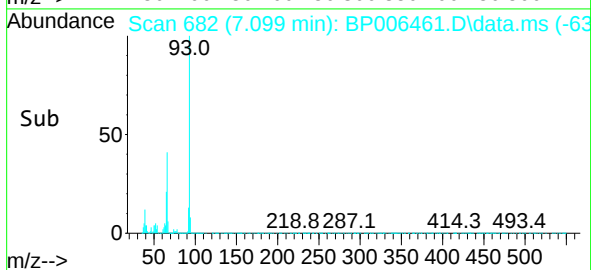
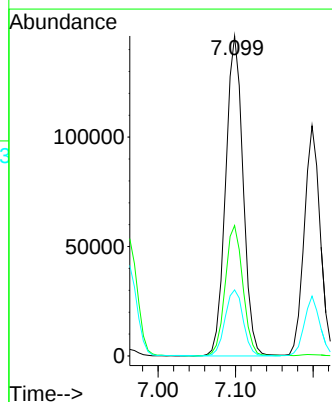
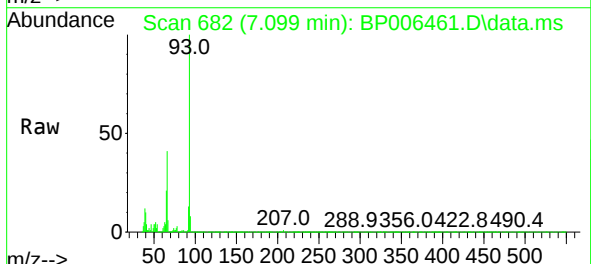
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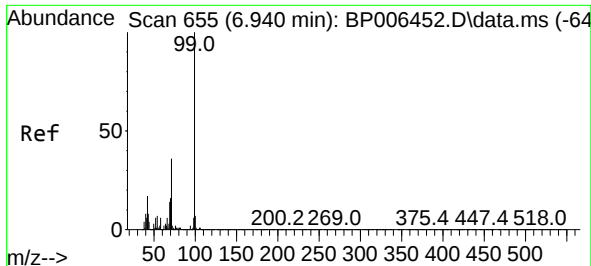
Tgt Ion:112 Resp: 1565454
Ion Ratio Lower Upper
112 100
64 62.5 41.4 62.2#
63 32.5 23.8 35.8



#6
Aniline
Concen: 11.193 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 93 Resp: 228893
Ion Ratio Lower Upper
93 100
66 40.8 29.7 44.5
65 20.7 15.3 22.9



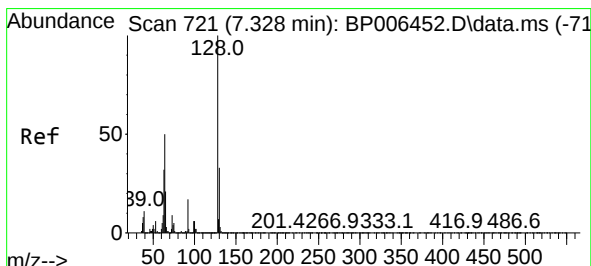
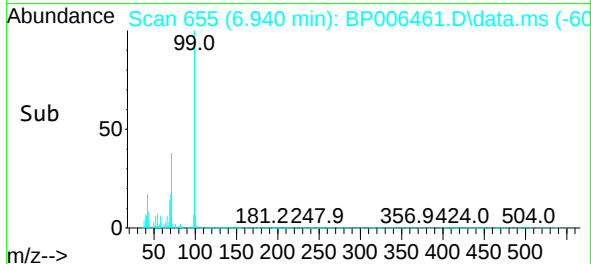
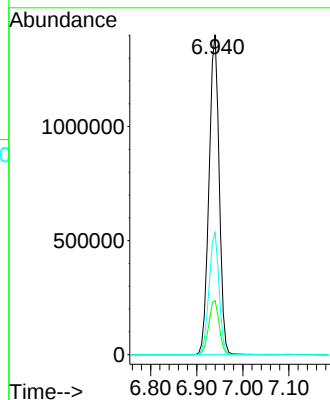
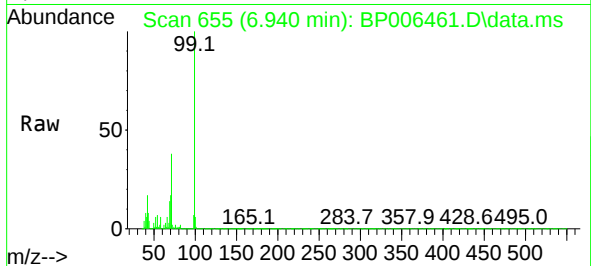


#7
Phenol-d6
Concen: 115.779 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

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

Tgt Ion: 99 Resp: 2166012

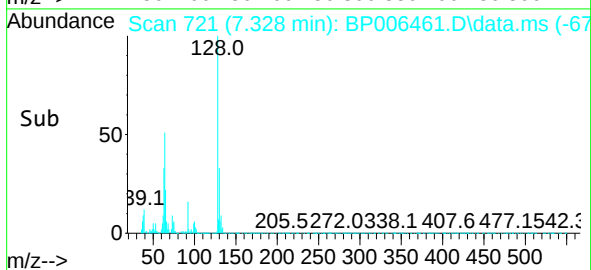
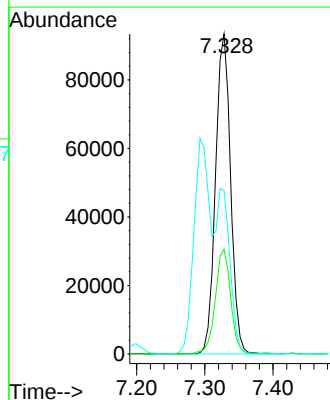
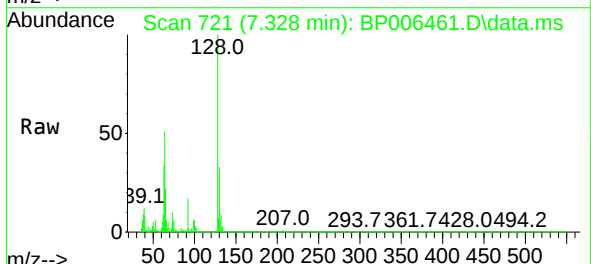
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.0
71	38.1	30.6	46.0

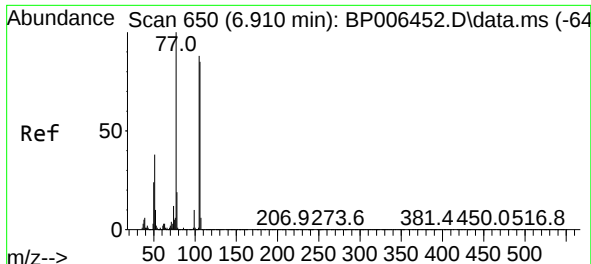


#8
2-Chlorophenol
Concen: 10.023 ng
RT: 7.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 128 Resp: 143672

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	51.1	20.3	60.3

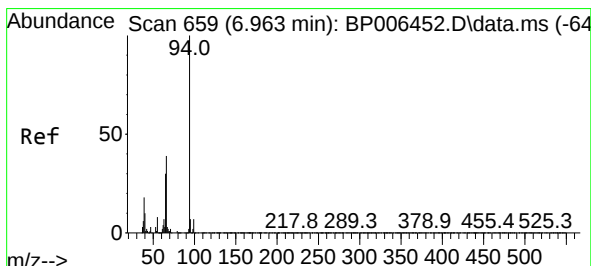
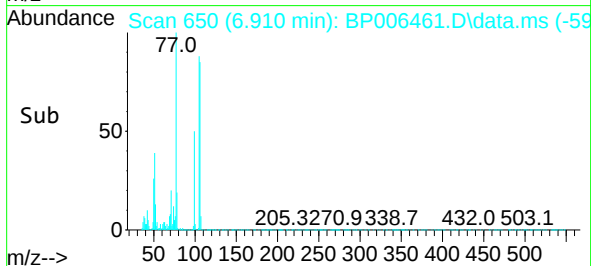
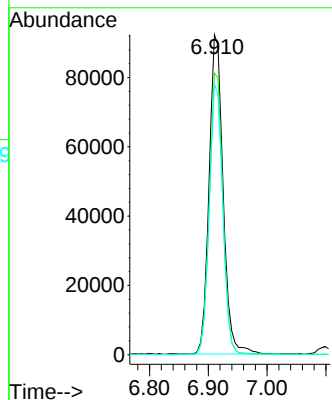
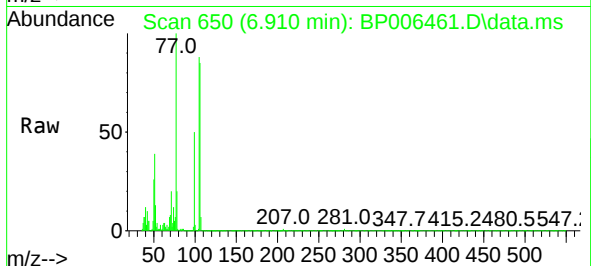




#9
Benzaldehyde
Concen: 13.035 ng
RT: 6.910 min Scan# 650
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

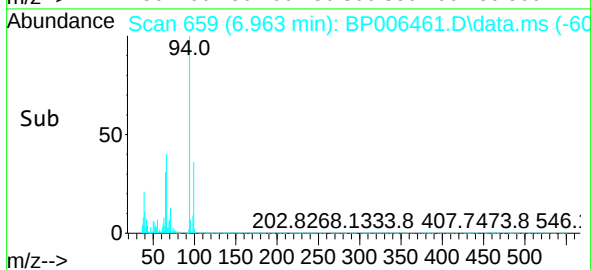
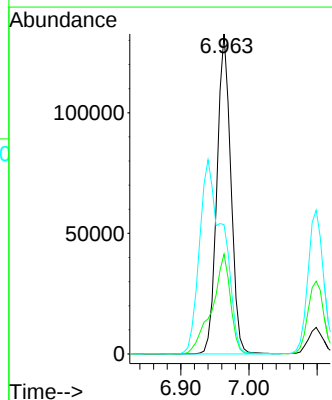
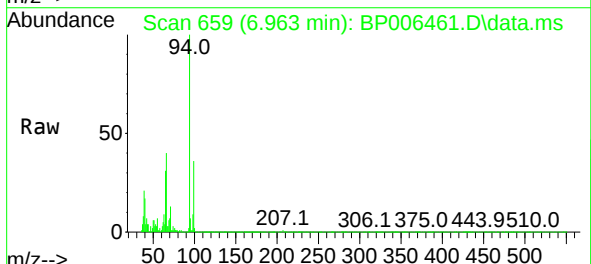
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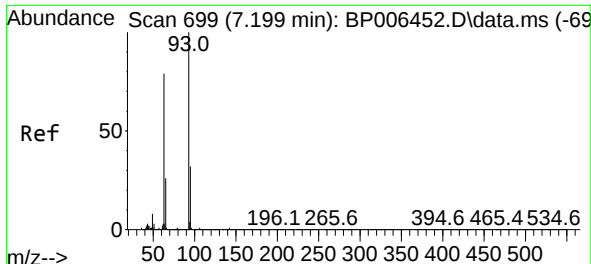
Tgt Ion: 77 Resp: 152825
Ion Ratio Lower Upper
77 100
105 88.0 76.7 116.7
106 84.7 76.2 116.2



#10
Phenol
Concen: 9.954 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 94 Resp: 187642
Ion Ratio Lower Upper
94 100
65 31.2 8.8 48.8
66 40.4 20.7 60.7

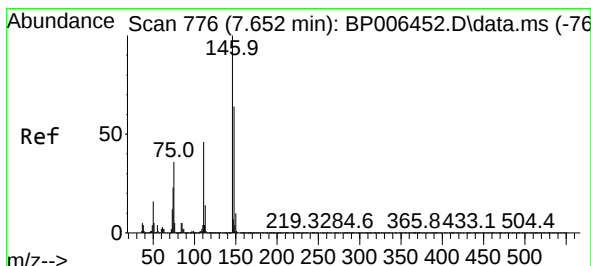
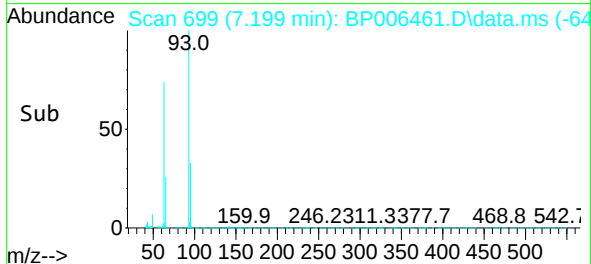
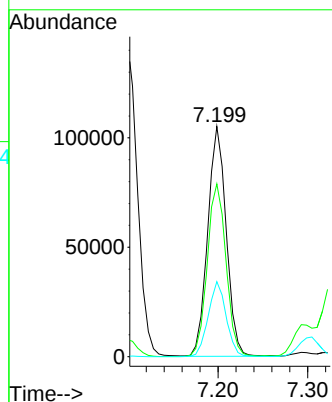
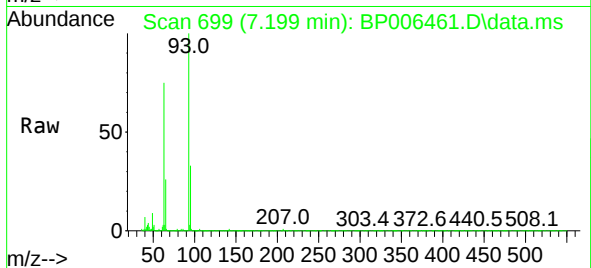




#11
bis(2-Chloroethyl)ether
Concen: 10.418 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

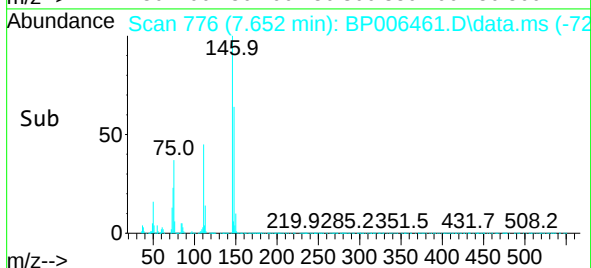
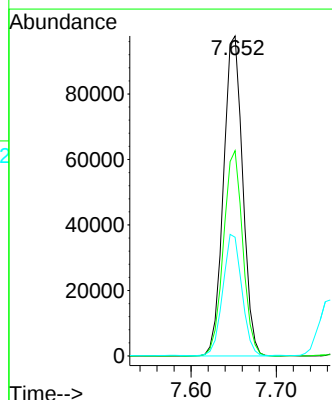
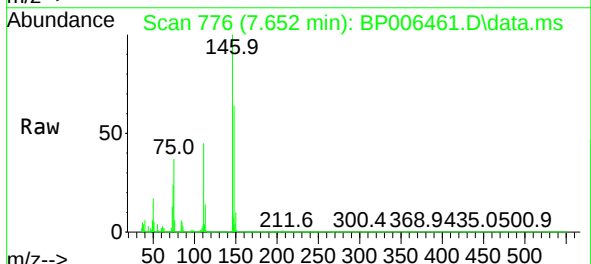
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

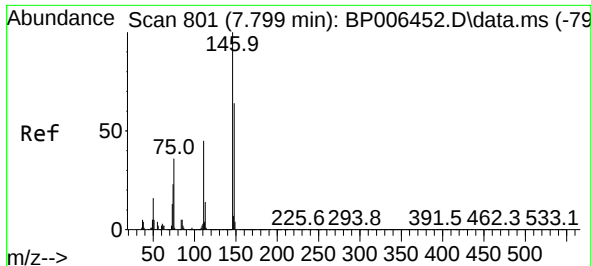
Tgt Ion: 93 Resp: 150318
Ion Ratio Lower Upper
93 100
63 75.1 46.2 86.2
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 10.130 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:146 Resp: 153243
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
75 37.1 25.7 38.5

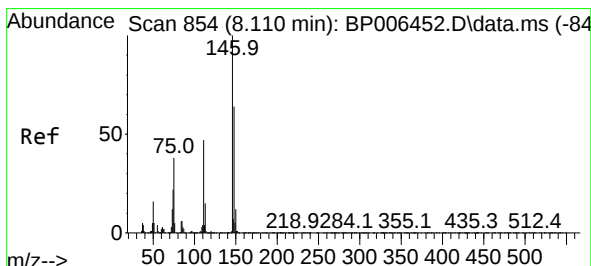
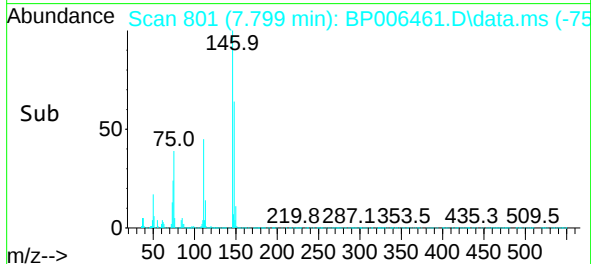
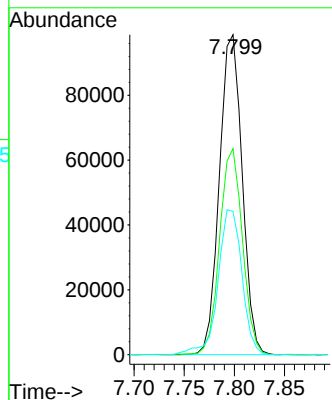
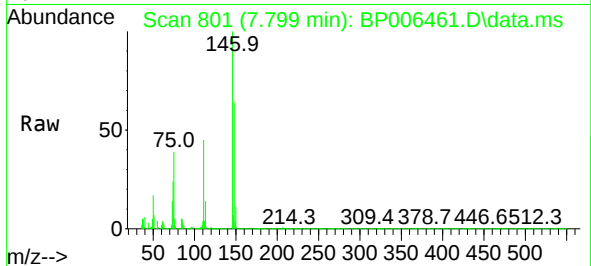




#13
1,4-Dichlorobenzene
Concen: 10.190 ng
RT: 7.799 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

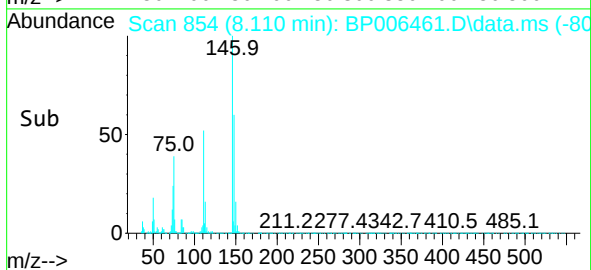
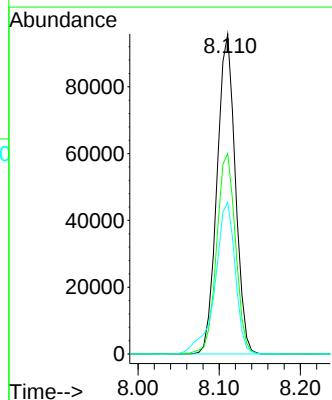
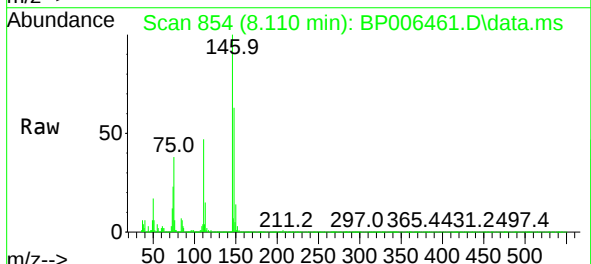
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

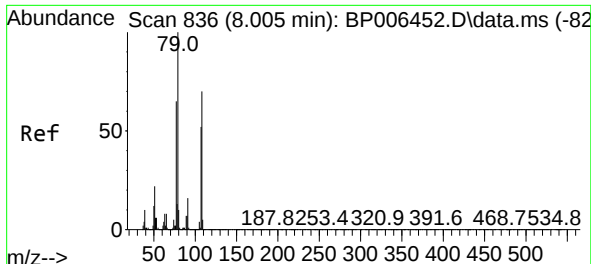
Tgt Ion:146 Resp: 155952
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
111 44.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 10.186 ng
RT: 8.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:146 Resp: 149791
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
111 47.4 33.7 50.5

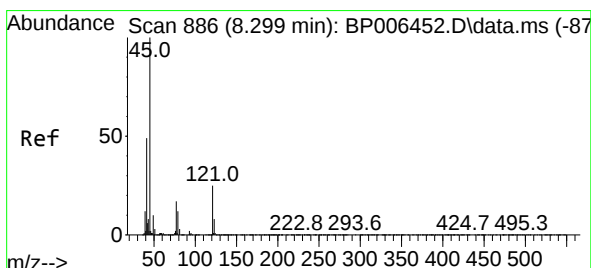
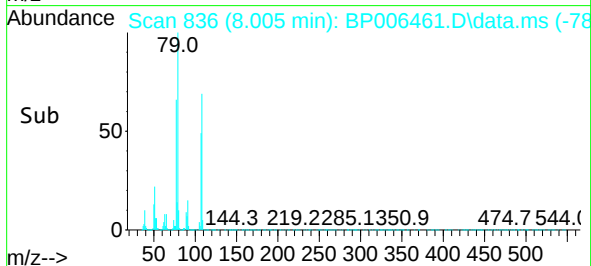
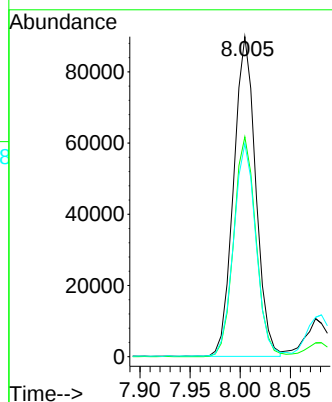
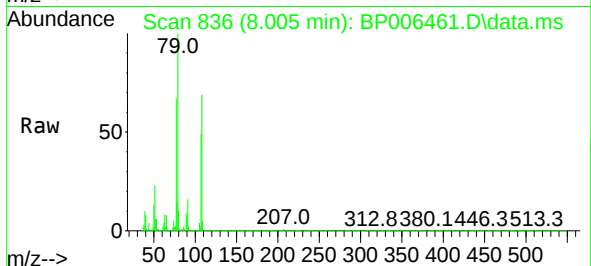




#15
Benzyl Alcohol
Concen: 9.824 ng
RT: 8.005 min Scan# 836
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

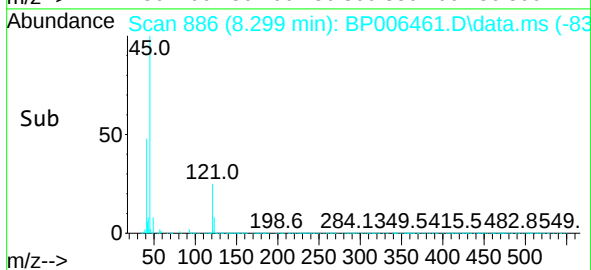
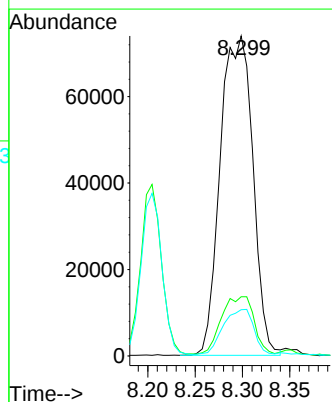
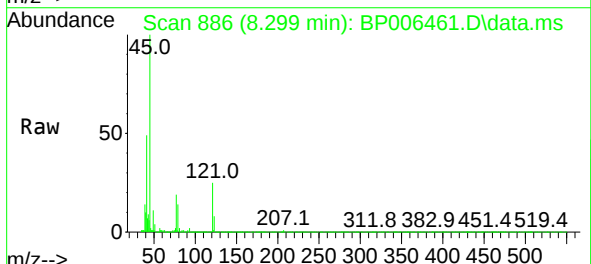
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

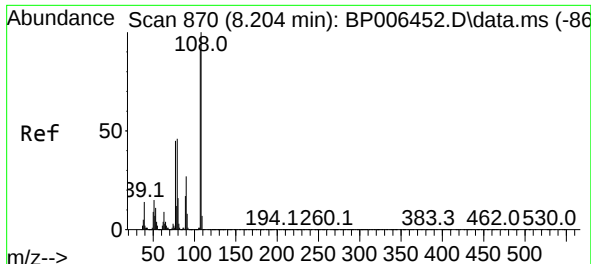
Tgt Ion: 79 Resp: 137629
Ion Ratio Lower Upper
79 100
108 68.7 62.5 93.7
77 66.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.371 ng
RT: 8.299 min Scan# 886
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 45 Resp: 176599
Ion Ratio Lower Upper
45 100
77 18.5 2.0 42.0
79 14.4 0.0 36.7

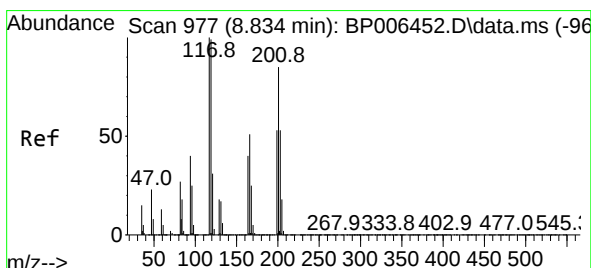
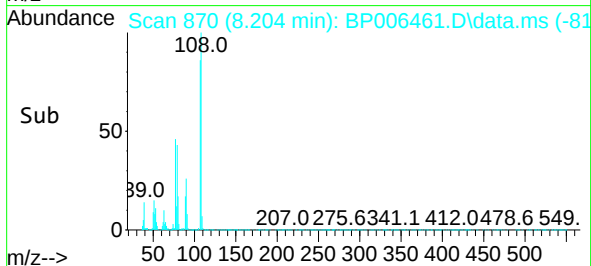
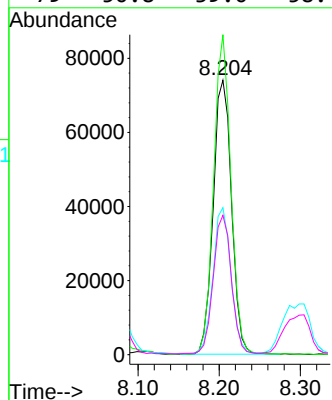
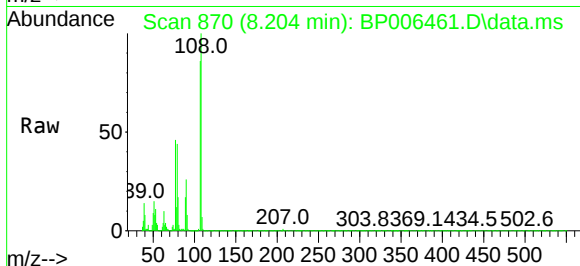




#17
2-Methylphenol
Concen: 9.856 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

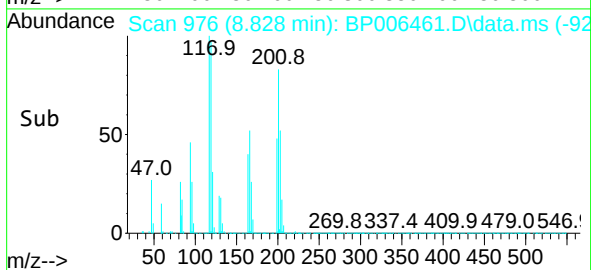
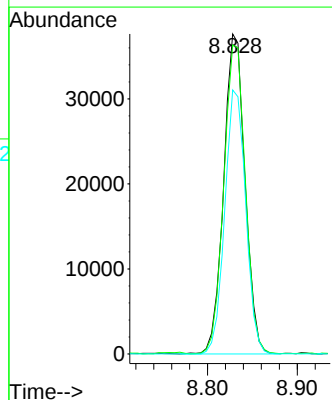
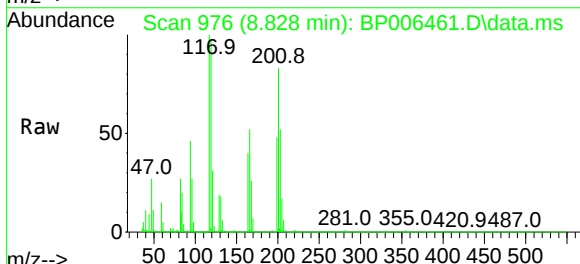
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

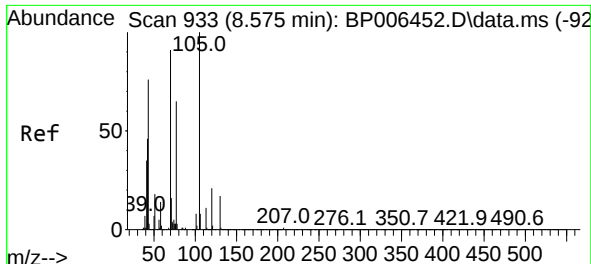
Tgt Ion:	107	Resp:	116245
Ion	Ratio	Lower	Upper
107	100		
108	116.6	87.7	131.5
77	53.6	40.2	60.2
79	50.8	39.0	58.4



#18
Hexachloroethane
Concen: 10.341 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

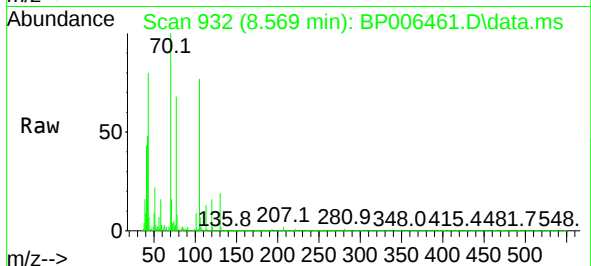
Tgt Ion:	117	Resp:	62018
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.2
201	82.5	83.4	125.0#



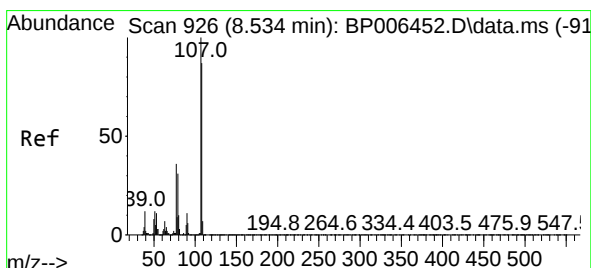
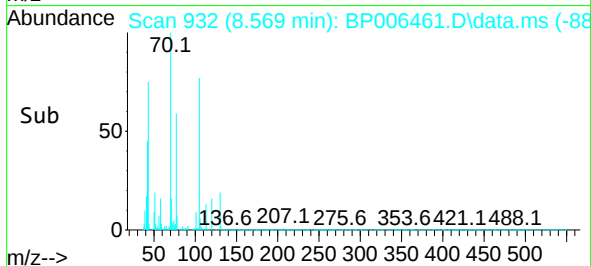
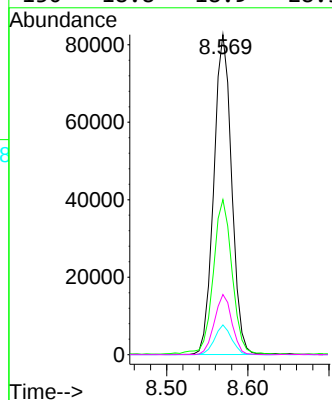


#19
n-Nitroso-di-n-propylamine
Concen: 10.150 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

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

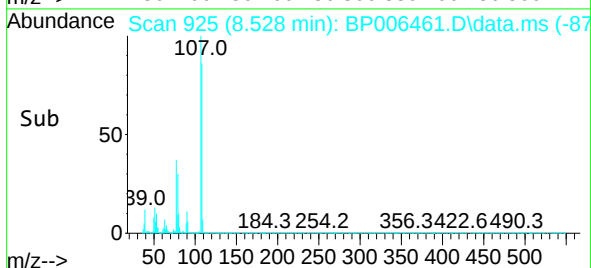
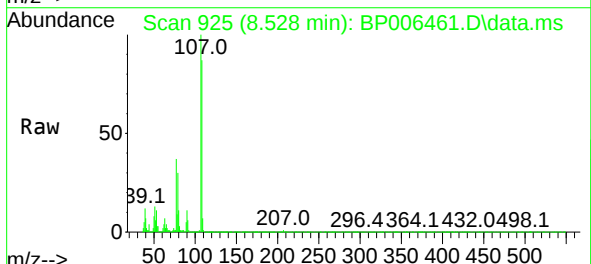
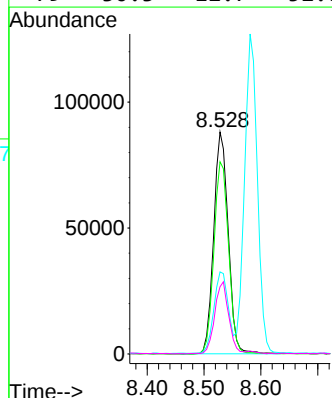


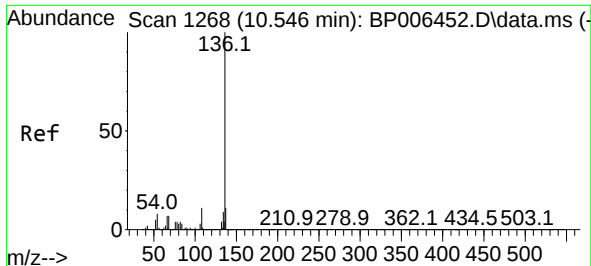
Tgt Ion: 70 Resp: 125898
Ion Ratio Lower Upper
70 100
42 48.5 40.8 61.2
101 9.3 8.8 13.2
130 18.8 18.9 28.3#



#20
3+4-Methylphenols
Concen: 9.686 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 107 Resp: 155794
Ion Ratio Lower Upper
107 100
108 86.6 71.0 111.0
77 37.0 16.6 56.6
79 30.3 12.7 52.7

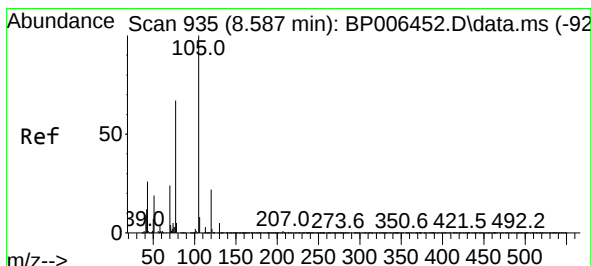
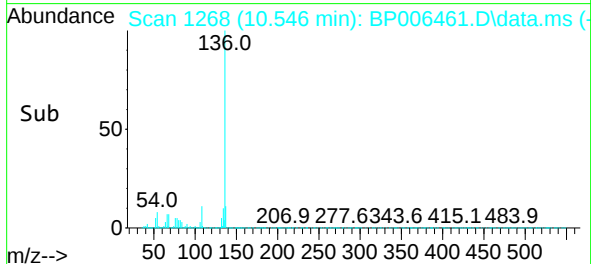
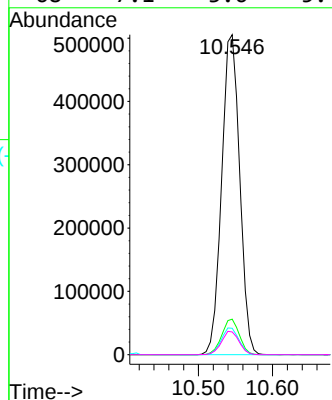
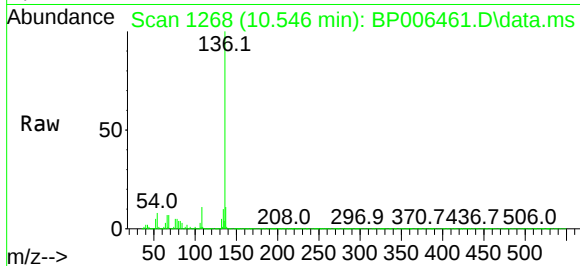




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

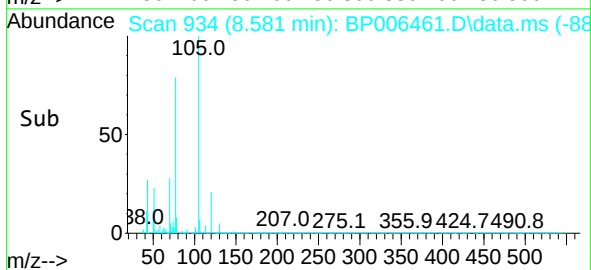
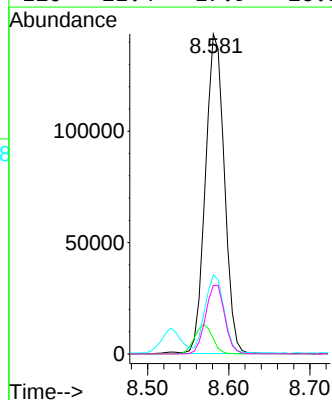
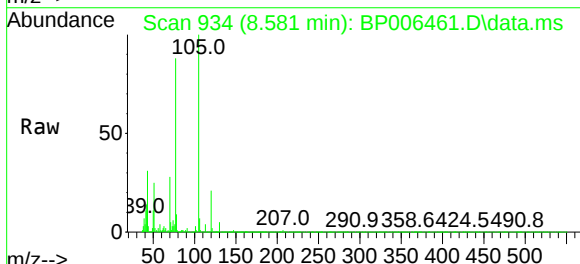
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

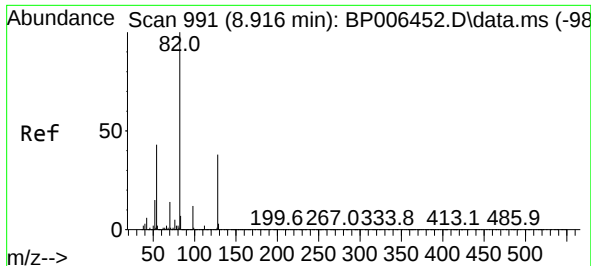
Tgt Ion:	136	Resp:	852332
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.3	4.6	6.8#
68	7.1	3.6	5.4#



#22
Acetophenone
Concen: 10.304 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	105	Resp:	231571
Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.9	2.9#
51	24.7	18.4	27.6
120	21.4	17.9	26.9

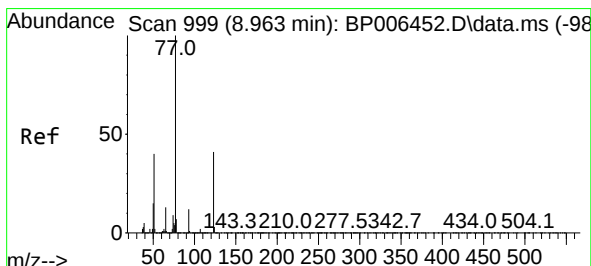
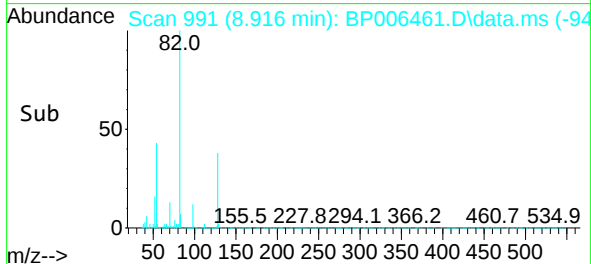
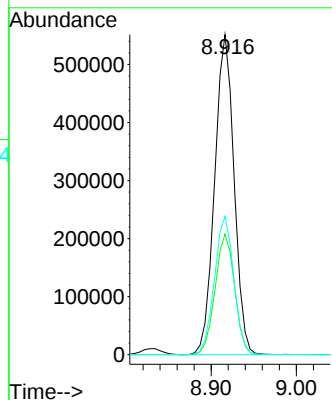
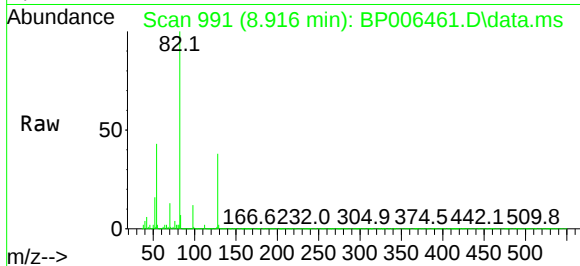




#23
Nitrobenzene-d5
Concen: 48.198 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

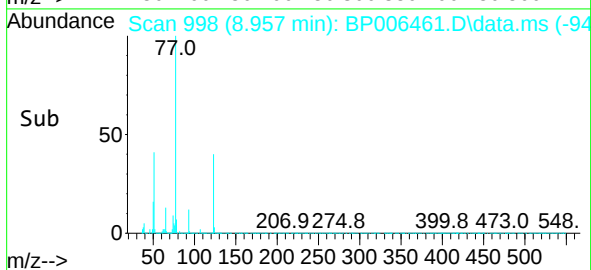
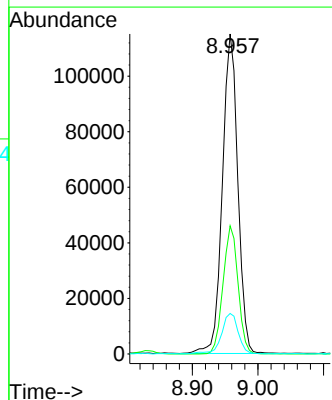
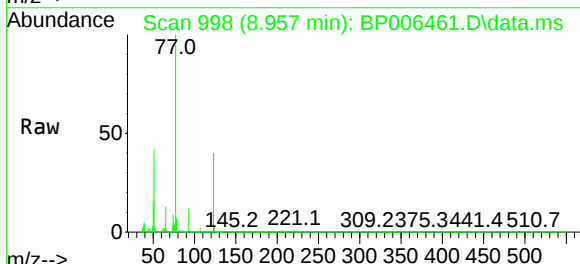
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

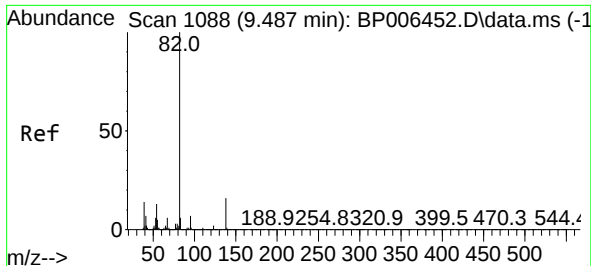
Tgt Ion: 82 Resp: 871336
Ion Ratio Lower Upper
82 100
128 37.7 35.7 53.5
54 43.2 35.0 52.4



#24
Nitrobenzene
Concen: 9.976 ng
RT: 8.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 77 Resp: 187197
Ion Ratio Lower Upper
77 100
123 40.0 38.2 57.2
65 12.6 11.4 17.2

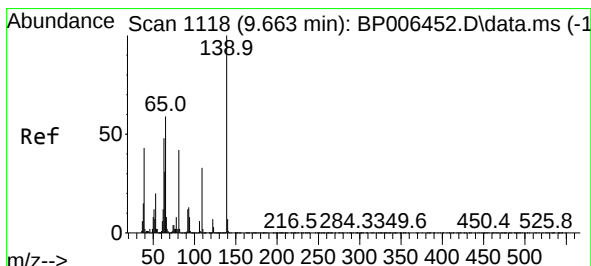
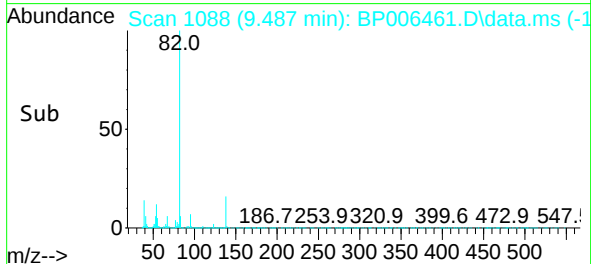
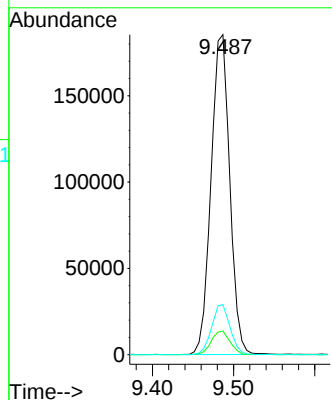
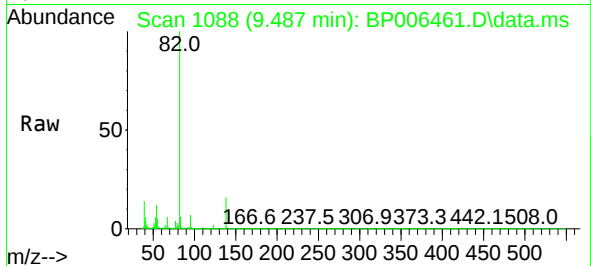




#25
Isophorone
Concen: 9.186 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

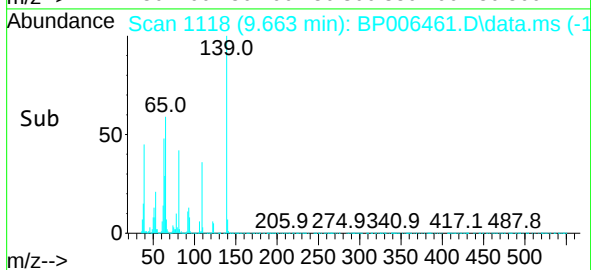
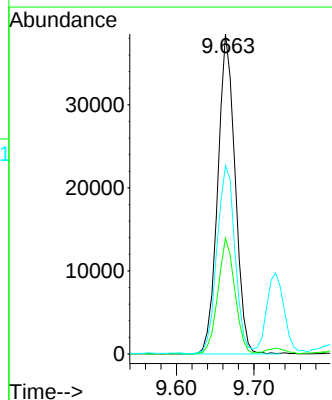
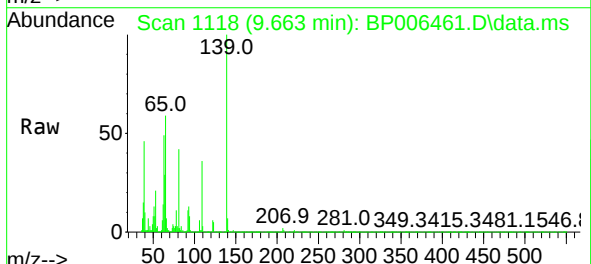
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

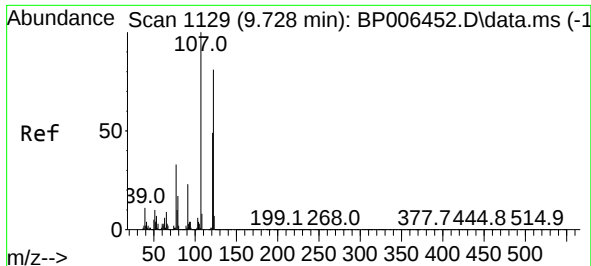
Tgt Ion:	82	Resp:	296502
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.5	9.7
138	15.7	15.0	22.4



#26
2-Nitrophenol
Concen: 8.916 ng
RT: 9.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	139	Resp:	59891
Ion Ratio	Lower	Upper	
139	100		
109	36.2	28.8	43.2
65	58.8	41.0	61.6

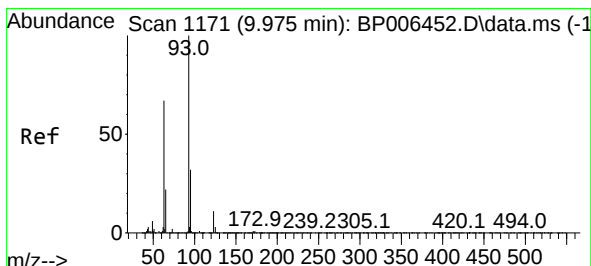
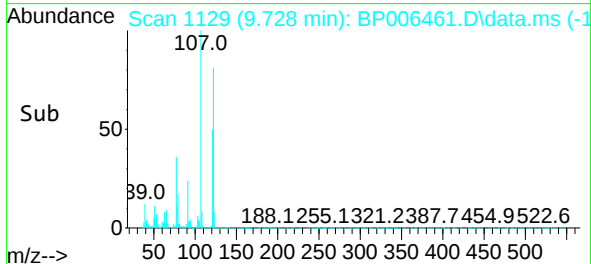
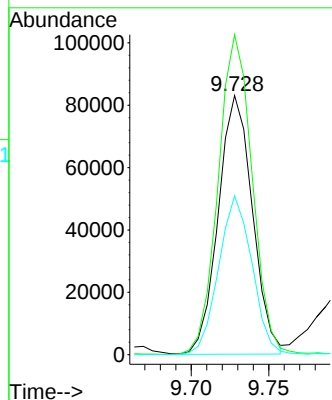
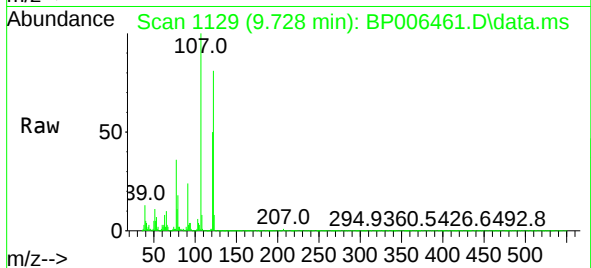




#27
2,4-Dimethylphenol
Concen: 11.053 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

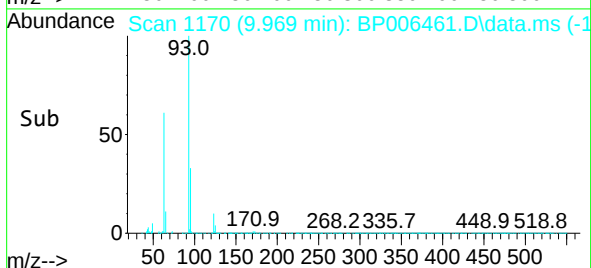
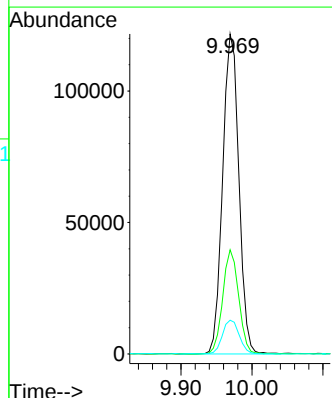
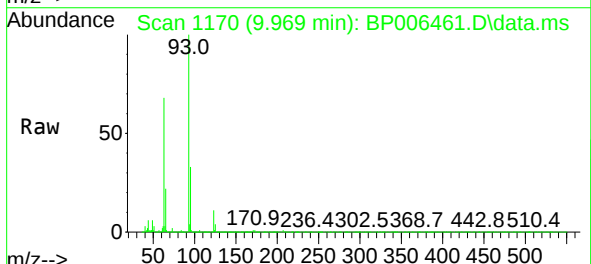
Instrument :
BNA_P
ClientSampleId :
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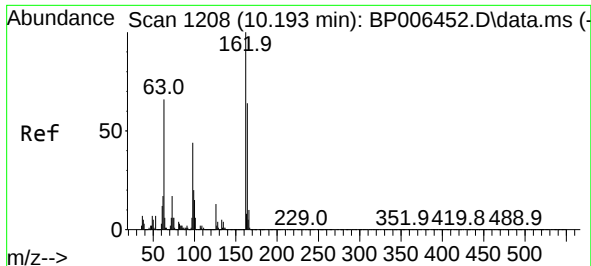
Tgt Ion:122 Resp: 127056
Ion Ratio Lower Upper
122 100
107 123.4 94.5 141.7
121 61.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 10.873 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 93 Resp: 191899
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 10.6 10.2 15.2

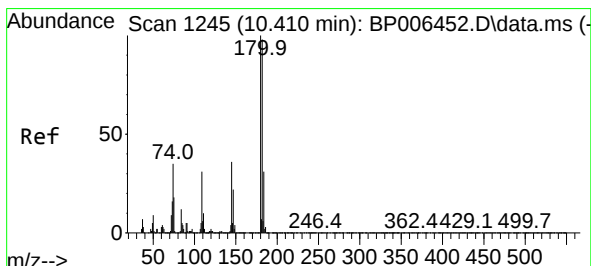
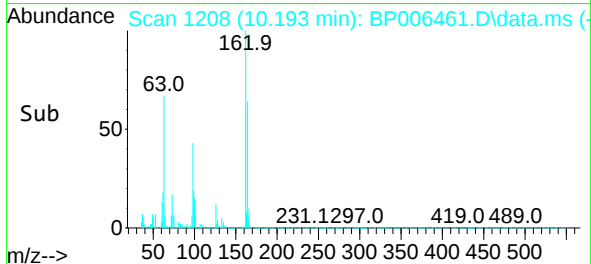
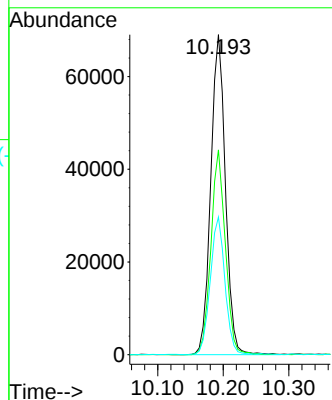
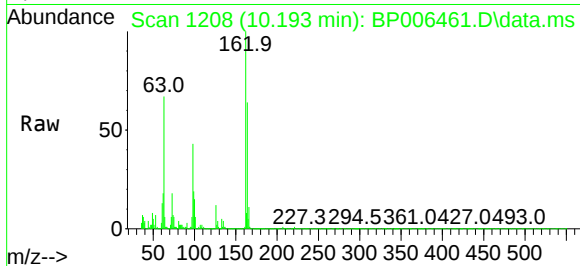




#29
2,4-Dichlorophenol
Concen: 9.236 ng
RT: 10.193 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

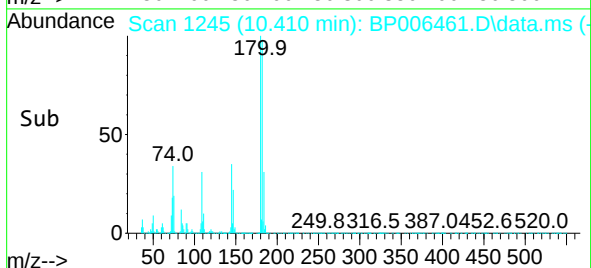
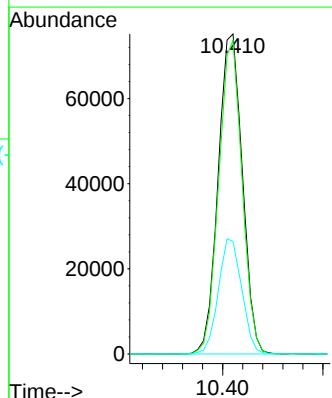
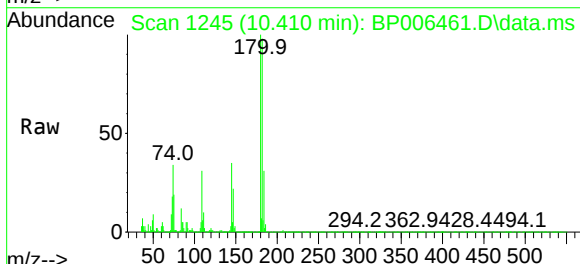
Instrument :
BNA_P
ClientSampleId :
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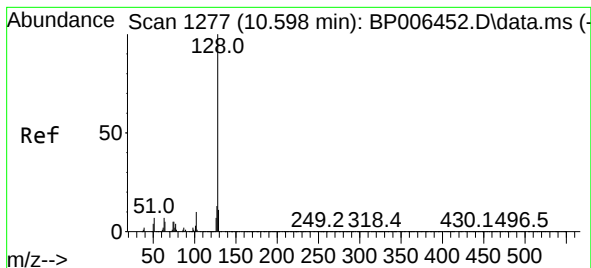
Tgt Ion:162 Resp: 107334
Ion Ratio Lower Upper
162 100
164 64.0 44.9 84.9
98 43.0 14.3 54.3



#30
1,2,4-Trichlorobenzene
Concen: 9.971 ng
RT: 10.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:180 Resp: 125850
Ion Ratio Lower Upper
180 100
182 98.0 77.9 116.9
145 35.2 24.7 37.1

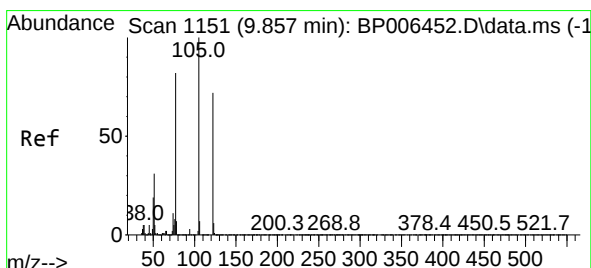
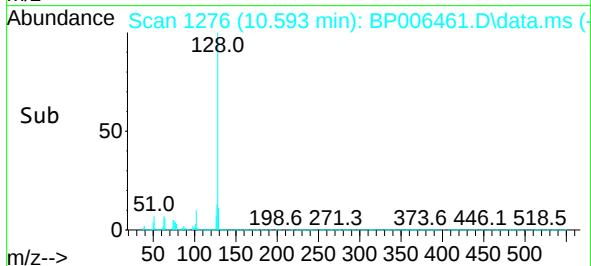
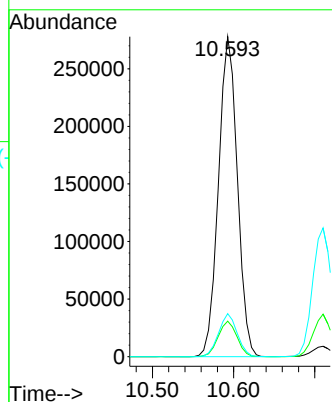
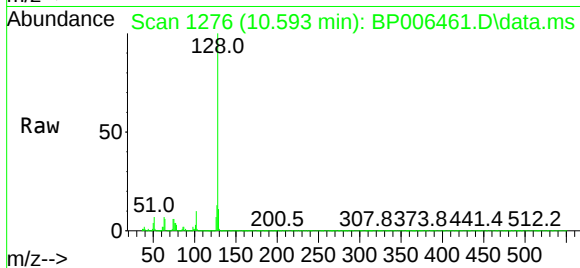




#31
Naphthalene
Concen: 9.920 ng
RT: 10.593 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

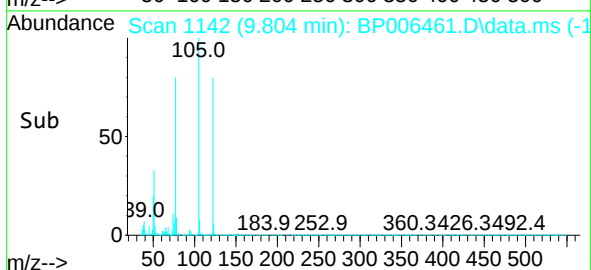
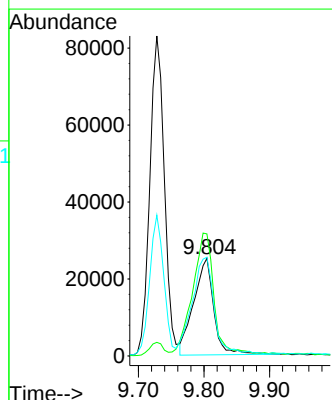
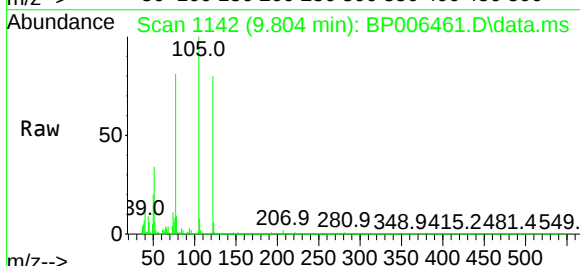
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

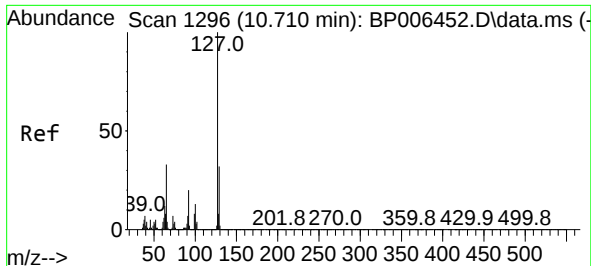
Tgt Ion:128 Resp: 450435
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 6.101 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.053 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:122 Resp: 53251
Ion Ratio Lower Upper
122 100
105 125.1 103.2 143.2
77 101.1 76.2 116.2

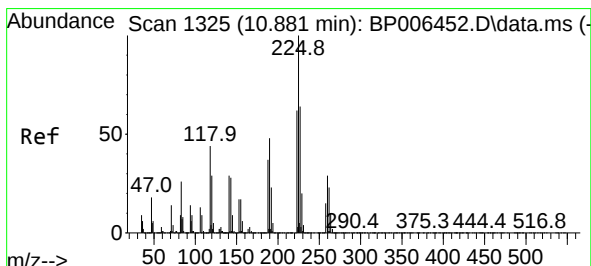
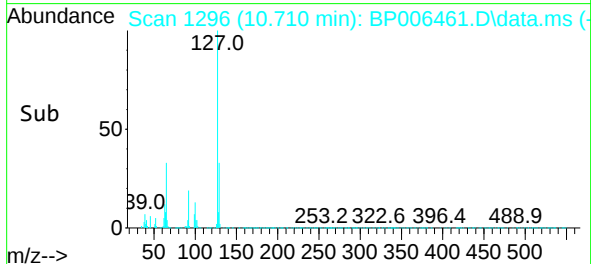
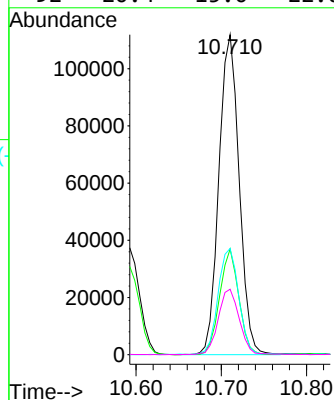
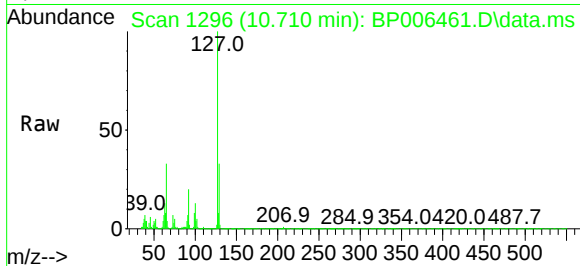




#33
4-Chloroaniline
Concen: 10.176 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

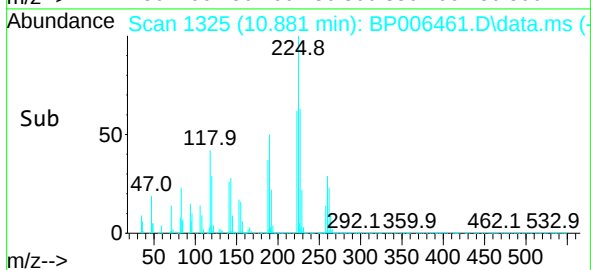
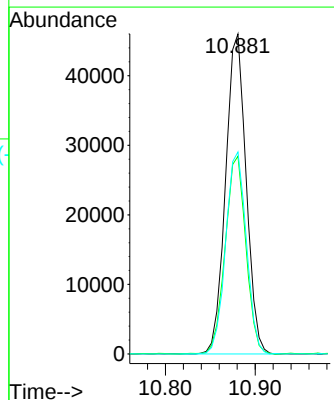
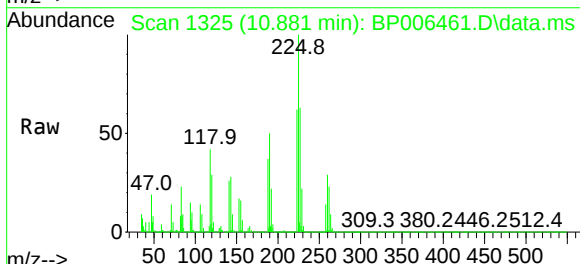
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

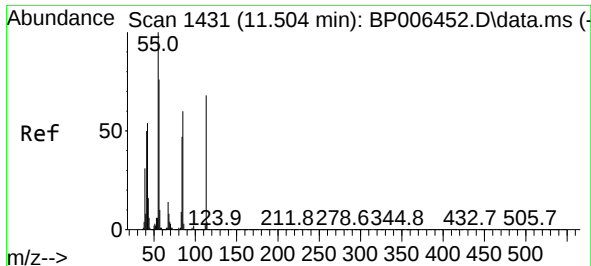
Tgt Ion:	127	Resp:	184702
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	33.2	22.5	33.7
92	20.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 9.899 ng
RT: 10.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	225	Resp:	73031
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	63.2	51.4	77.2

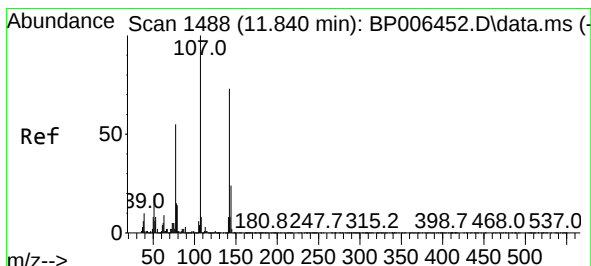
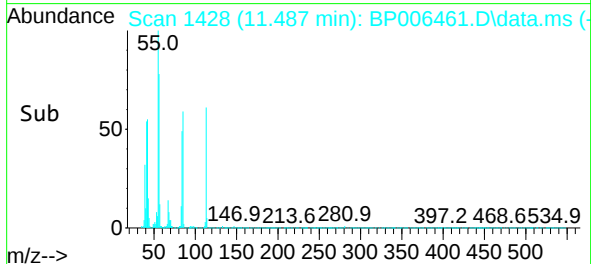
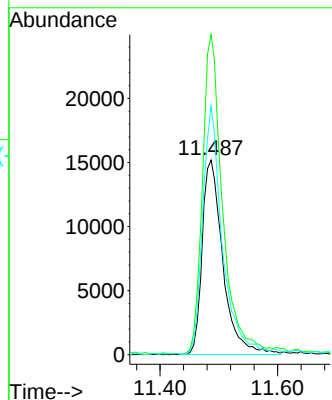
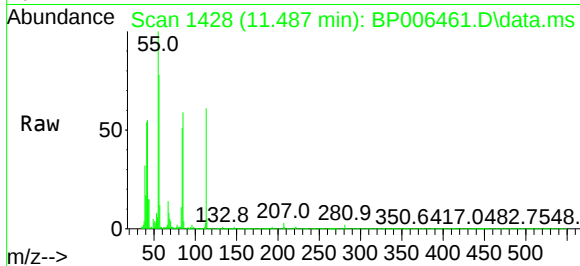




#35
Caprolactam
Concen: 8.683 ng
RT: 11.487 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

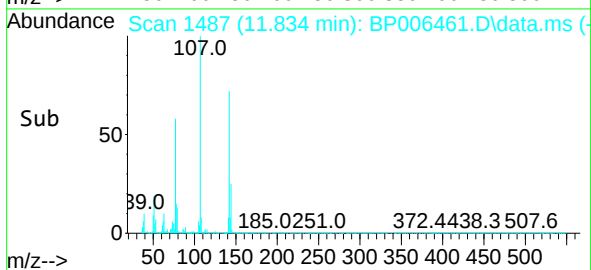
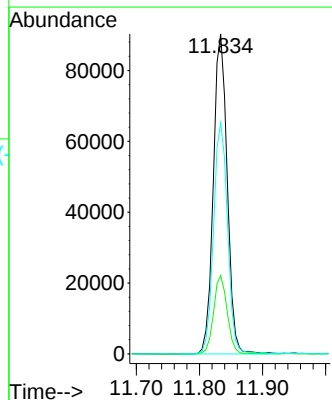
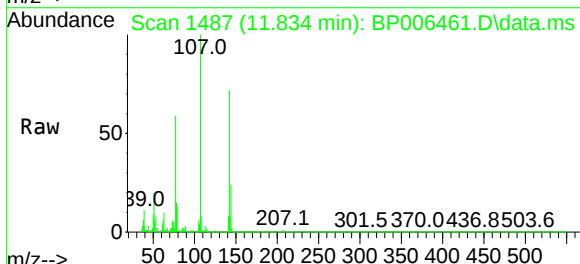
Instrument :
BNA_P
ClientSampleId :
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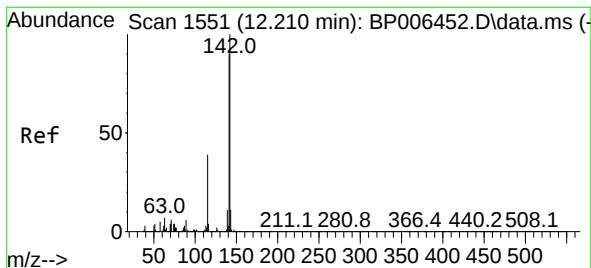
Tgt Ion:113 Resp: 36994
Ion Ratio Lower Upper
113 100
55 164.5 98.9 138.9#
56 127.6 71.7 111.7#



#36
4-Chloro-3-methylphenol
Concen: 9.518 ng
RT: 11.834 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:107 Resp: 137969
Ion Ratio Lower Upper
107 100
144 24.5 21.1 31.7
142 72.3 66.0 99.0

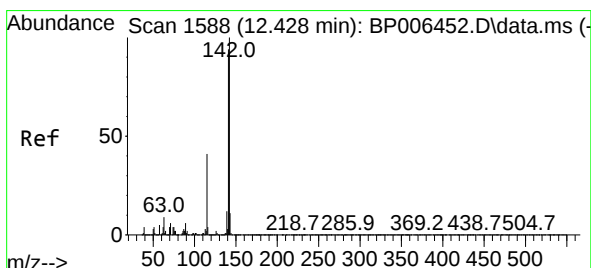
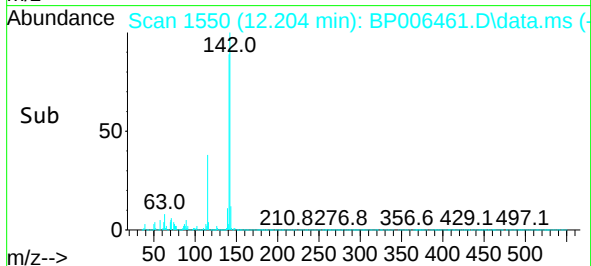
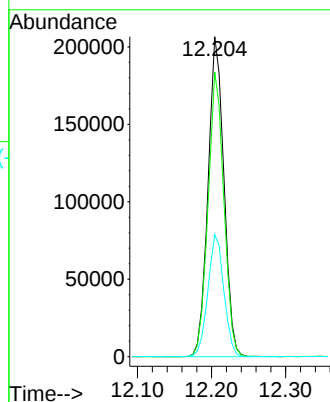
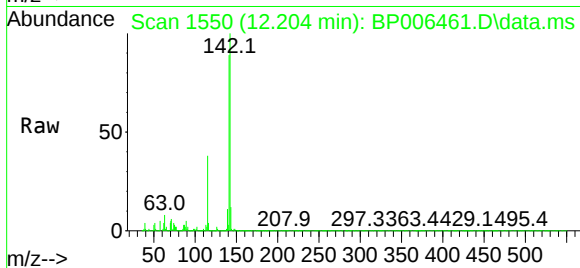




#37
2-Methylnaphthalene
Concen: 10.069 ng
RT: 12.204 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

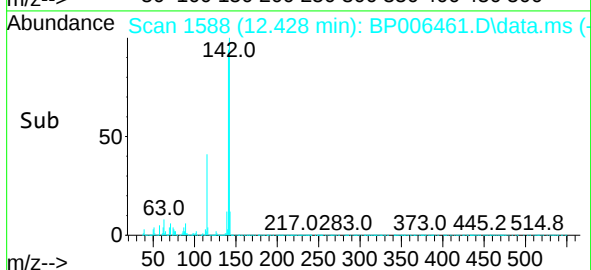
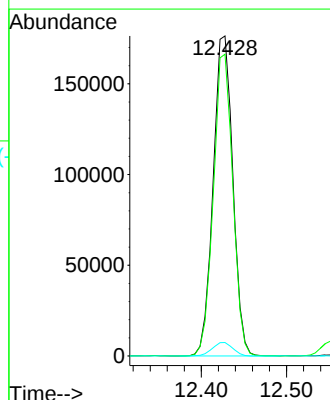
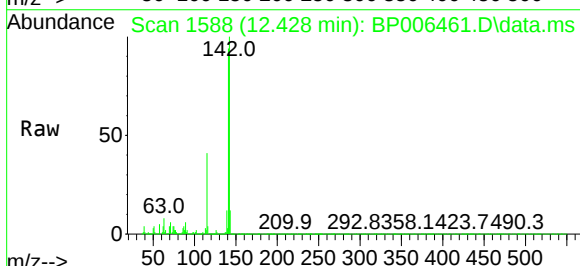
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

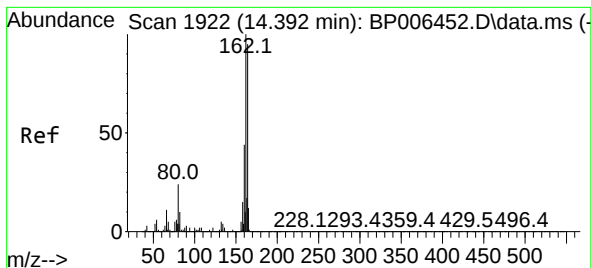
Tgt Ion:142 Resp: 306885
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6
115 38.1 31.6 47.4



#38
1-Methylnaphthalene
Concen: 9.766 ng
RT: 12.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:142 Resp: 282715
Ion Ratio Lower Upper
142 100
141 94.3 73.3 109.9
116 4.2 3.5 5.3

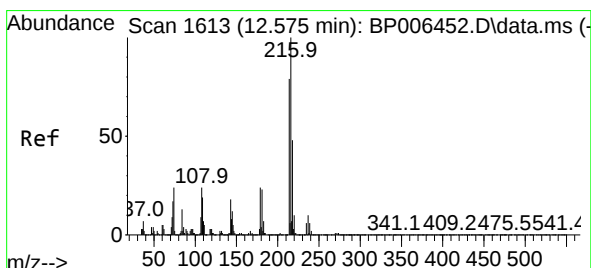
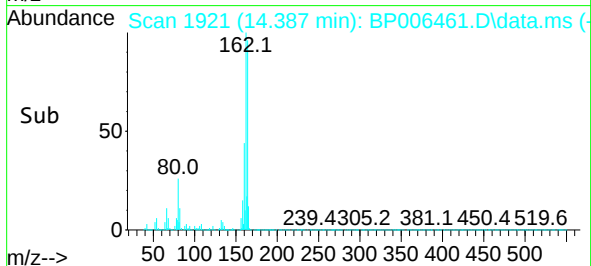
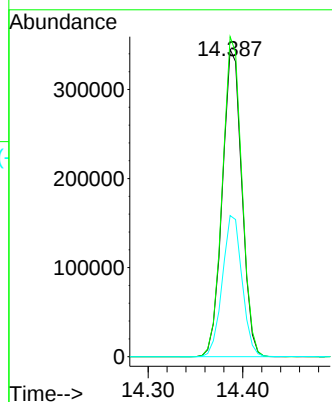
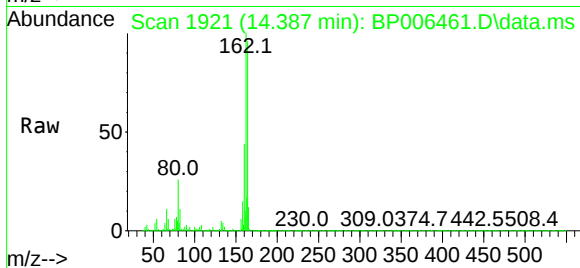




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.005 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

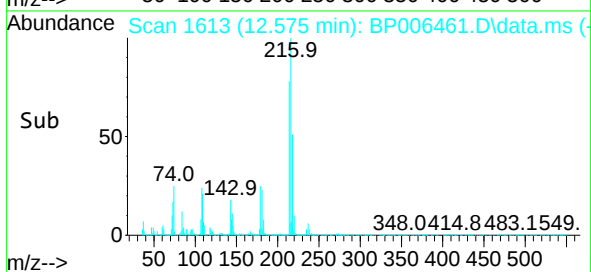
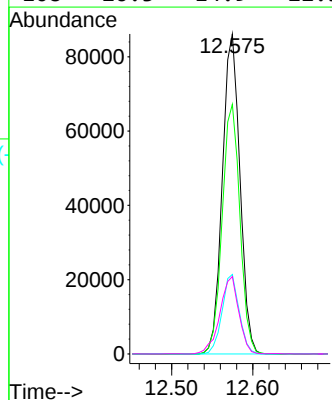
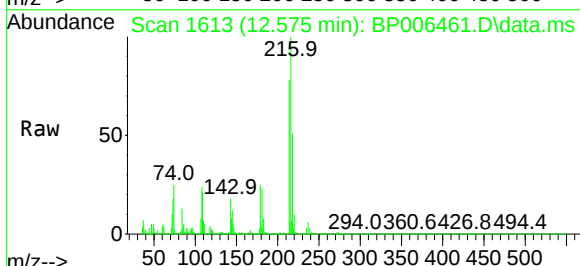
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

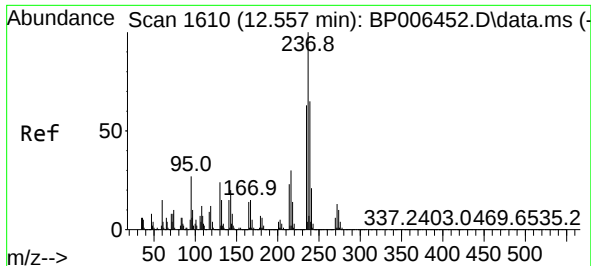
Tgt Ion:164 Resp: 493551
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 45.9 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.073 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:216 Resp: 129572
Ion Ratio Lower Upper
216 100
214 78.8 61.9 92.9
179 24.2 16.8 25.2
108 26.3 14.9 22.3#

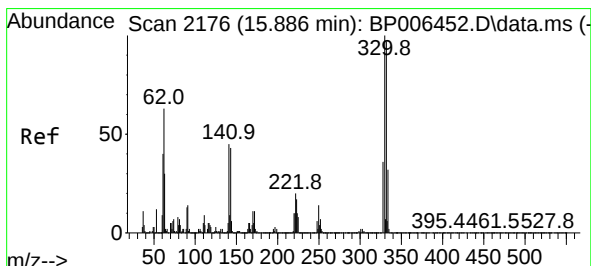
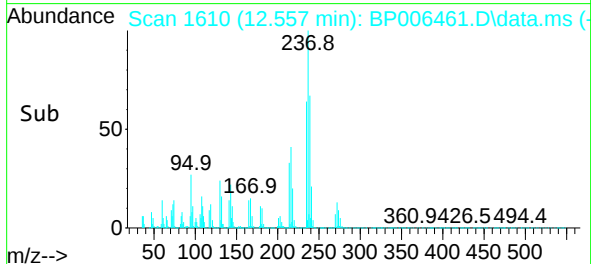
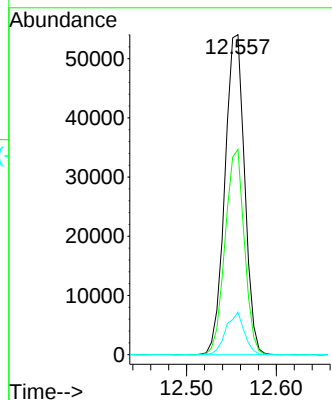
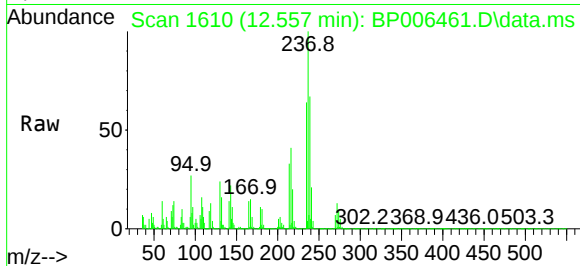




#41
Hexachlorocyclopentadiene
Concen: 12.101 ng
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

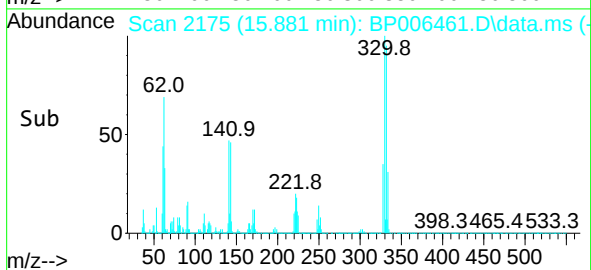
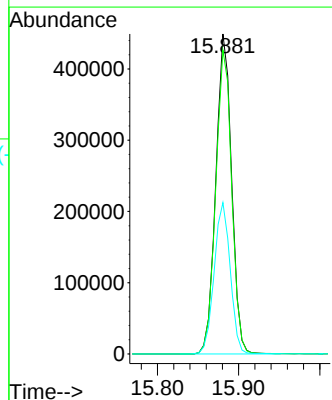
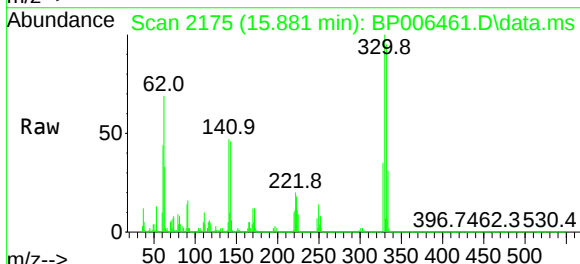
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

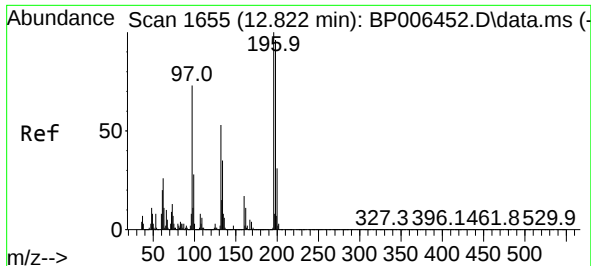
Tgt Ion:	237	Resp:	82503
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.5	84.5
272	13.3	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 120.119 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	330	Resp:	606201
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.8	116.8
141	48.3	25.4	38.2#

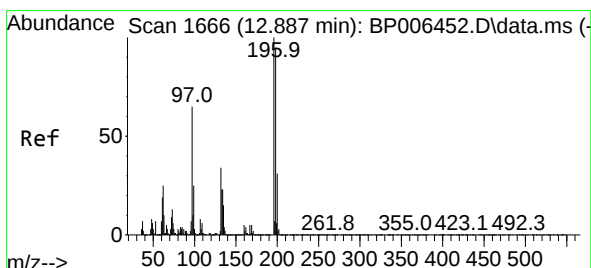
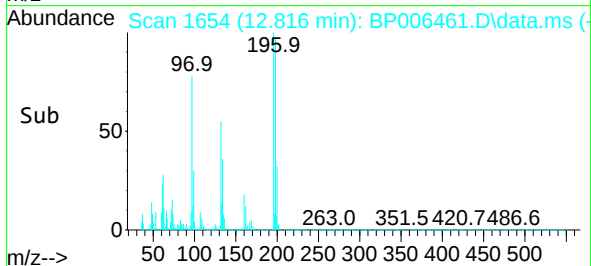
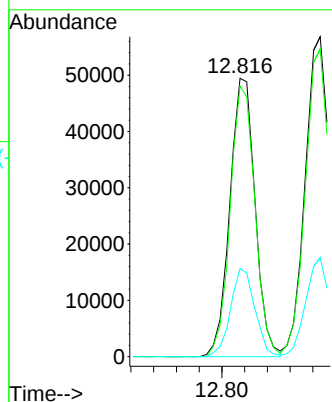
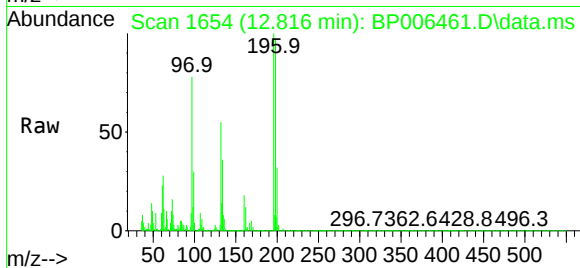




#43
2,4,6-Trichlorophenol
Concen: 8.868 ng
RT: 12.816 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

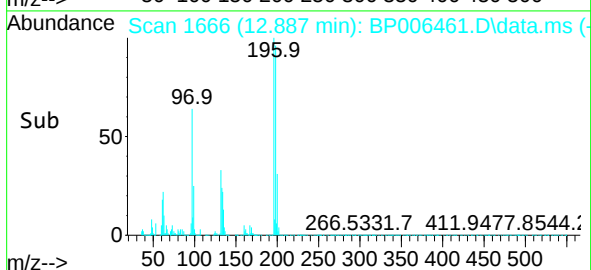
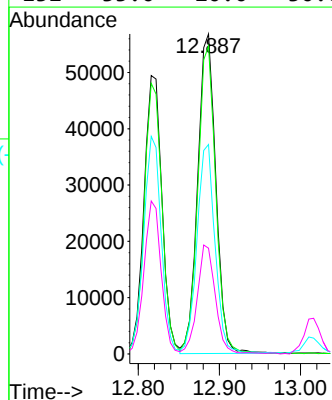
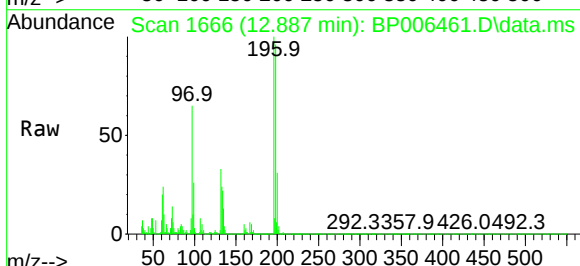
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

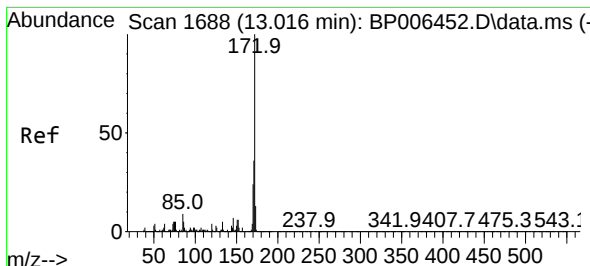
Tgt Ion:196 Resp: 76507
Ion Ratio Lower Upper
196 100
198 97.2 79.5 119.3
200 31.7 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 9.241 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:196 Resp: 88255
Ion Ratio Lower Upper
196 100
198 96.2 74.7 112.1
97 65.4 37.4 56.0#
132 33.0 20.0 30.0#

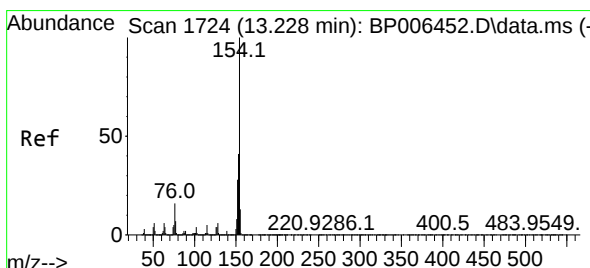
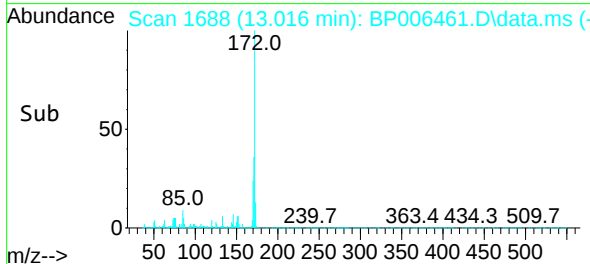
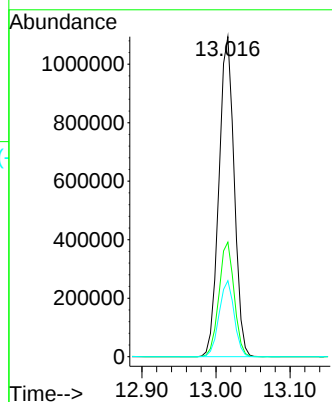
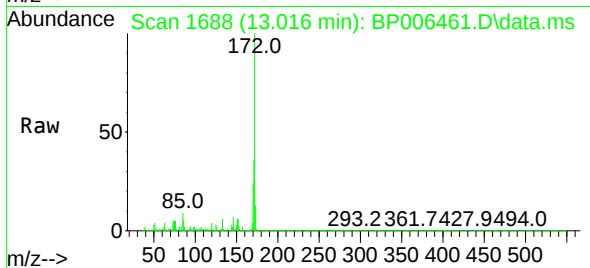




#45
2-Fluorobiphenyl
Concen: 47.521 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

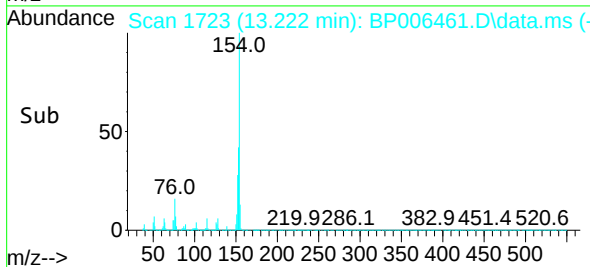
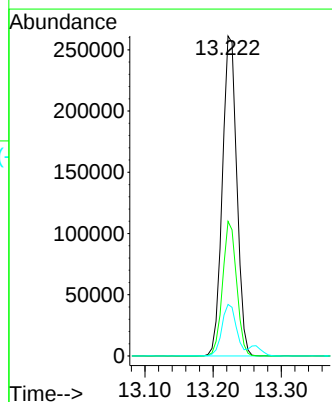
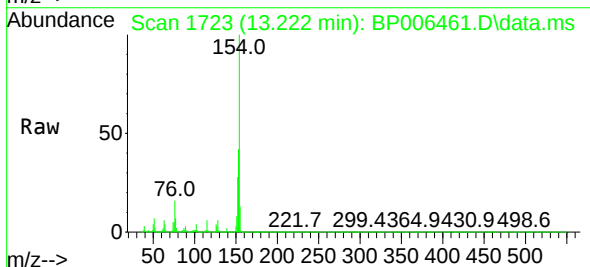
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

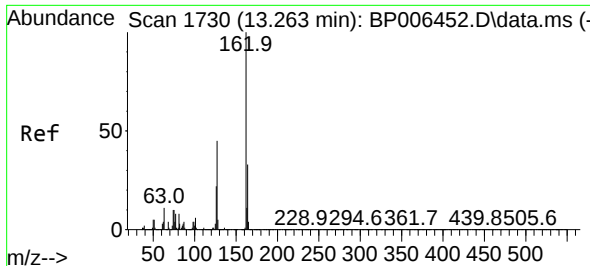
Tgt Ion:172 Resp: 1564738
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 10.334 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:154 Resp: 385543
Ion Ratio Lower Upper
154 100
153 42.1 20.4 60.4
76 16.1 0.0 30.8

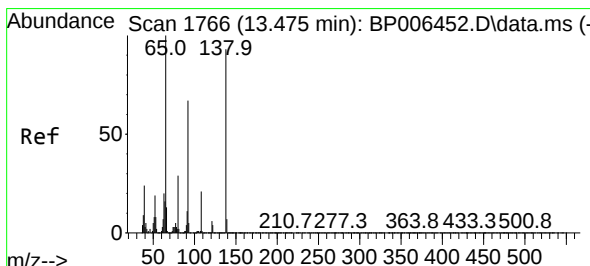
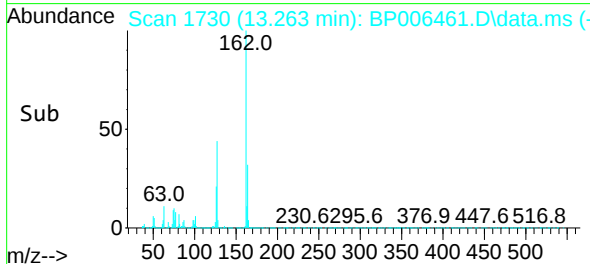
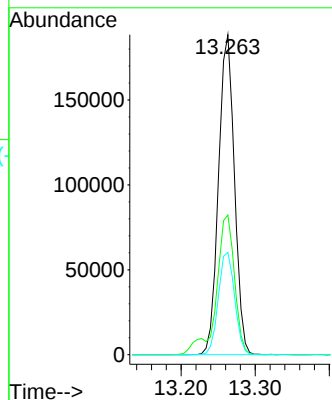
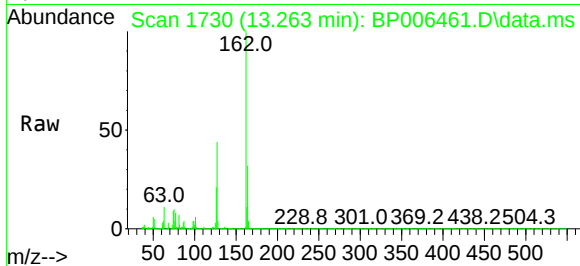




#47
2-Chloronaphthalene
Concen: 9.769 ng
RT: 13.263 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

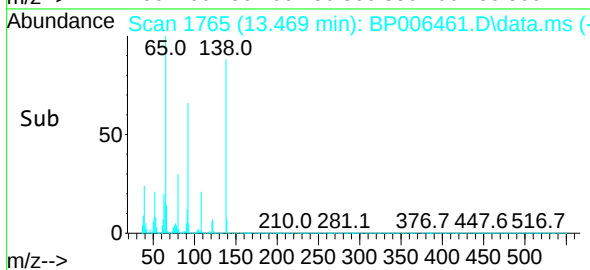
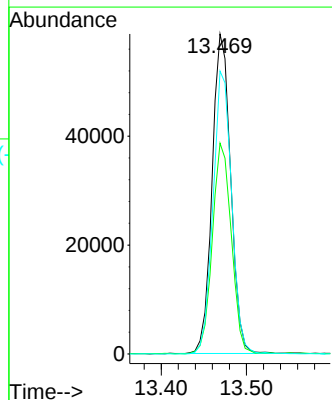
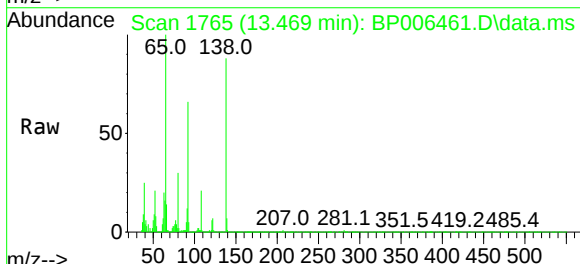
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

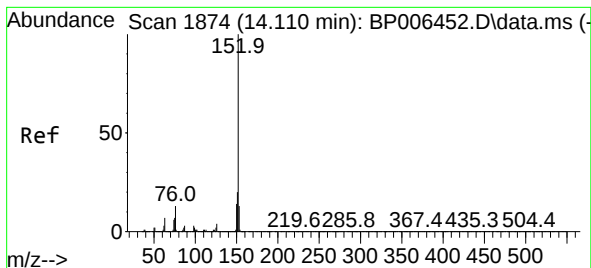
Tgt Ion:162 Resp: 280690
Ion Ratio Lower Upper
162 100
127 43.7 31.4 47.0
164 32.0 26.6 39.8



#48
2-Nitroaniline
Concen: 9.215 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion: 65 Resp: 88797
Ion Ratio Lower Upper
65 100
92 65.9 57.7 86.5
138 88.4 92.1 138.1#





#49

Acenaphthylene

Concen: 10.025 ng

RT: 14.110 min Scan# 1874

Delta R.T. 0.000 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021

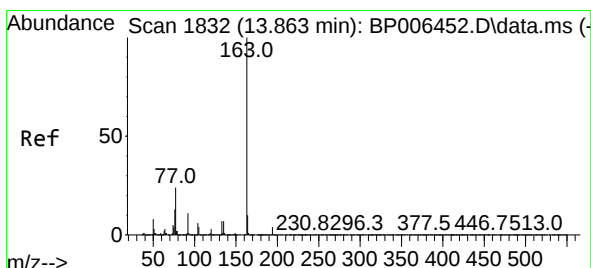
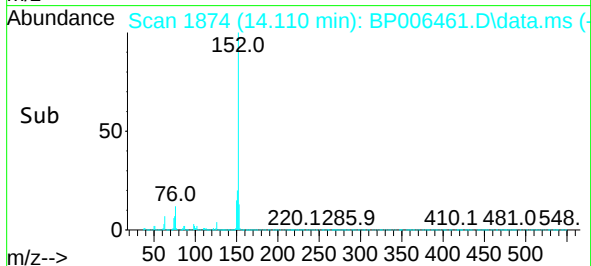
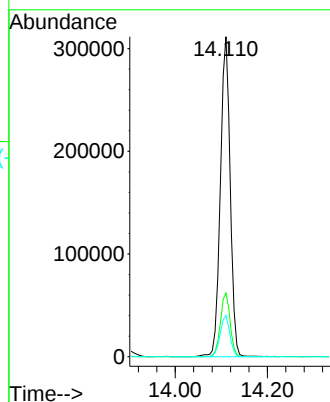
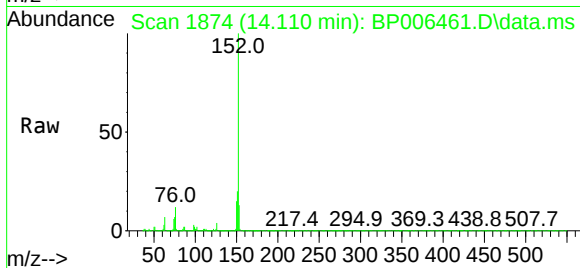
Tgt Ion:152 Resp: 457617

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 9.966 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

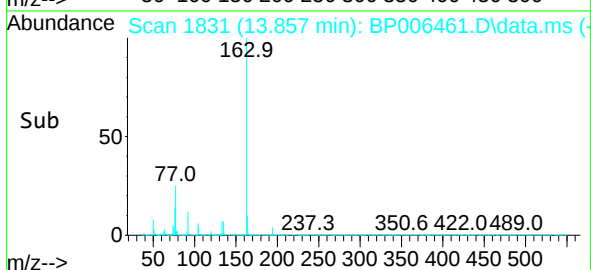
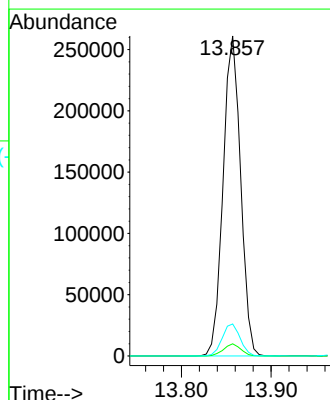
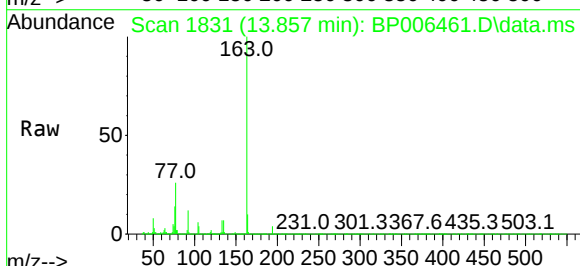
Tgt Ion:163 Resp: 353609

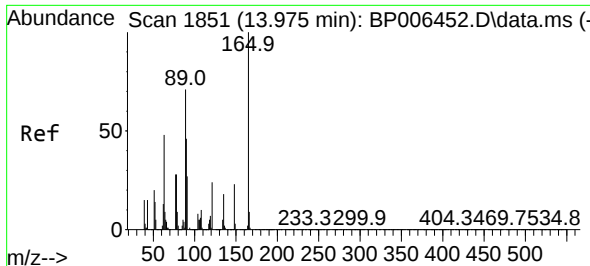
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 10.0 8.2 12.2

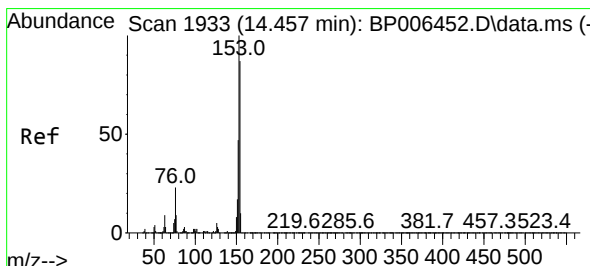
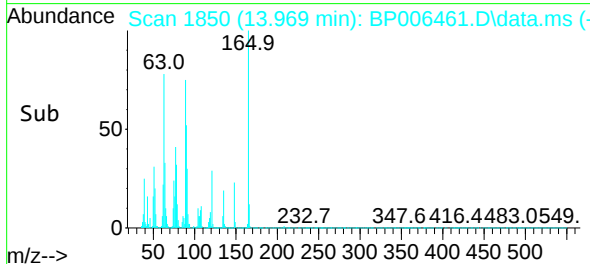
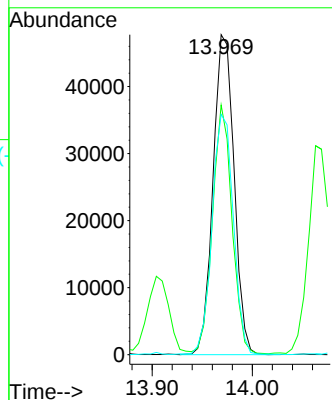
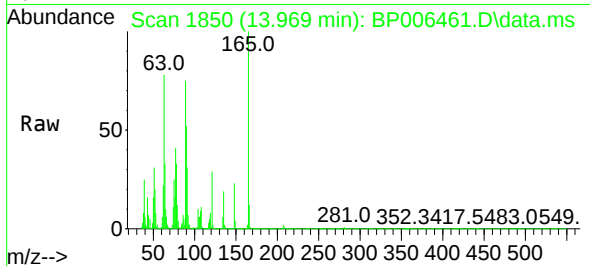




#51
2,6-Dinitrotoluene
Concen: 8.988 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

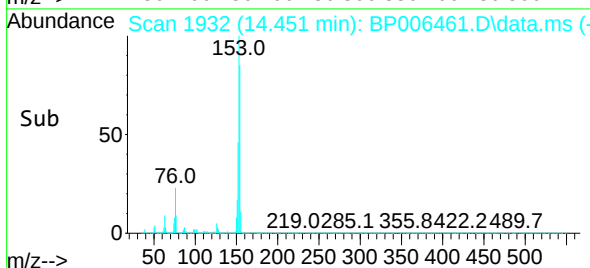
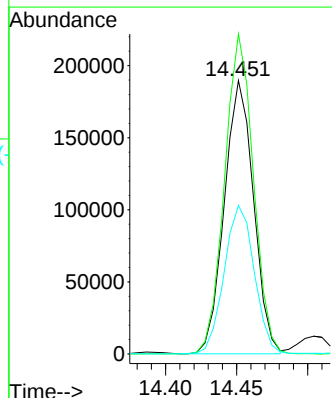
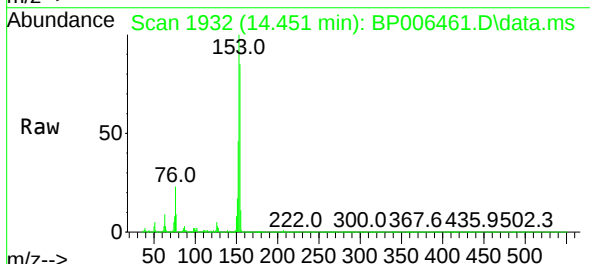
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

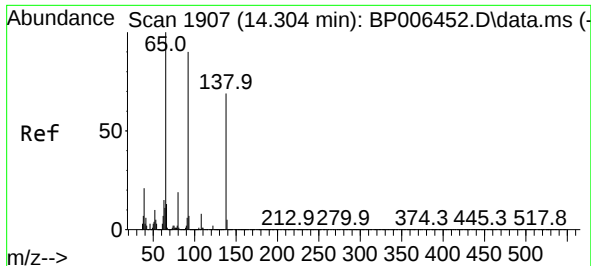
Tgt Ion:	165	Resp:	69391
Ion Ratio	Lower	Upper	
165	100		
63	78.0	41.3	61.9#
89	75.1	44.8	67.2#



#52
Acenaphthene
Concen: 9.629 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	154	Resp:	271015
Ion Ratio	Lower	Upper	
154	100		
153	117.0	89.4	134.2
152	54.3	43.0	64.4

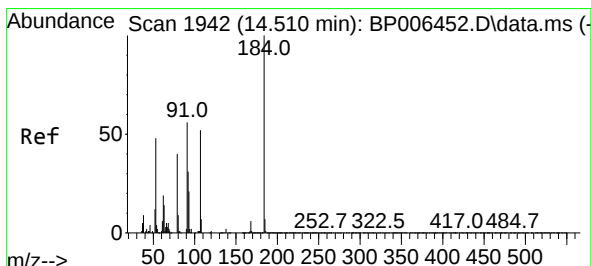
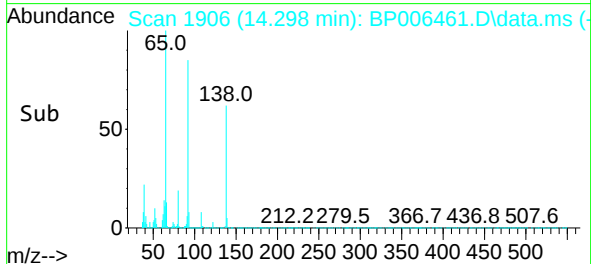
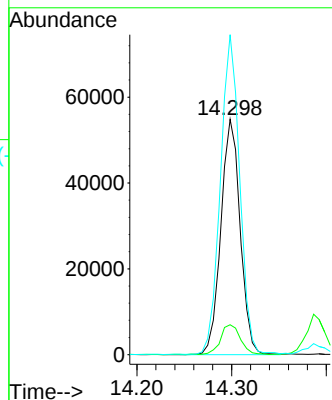
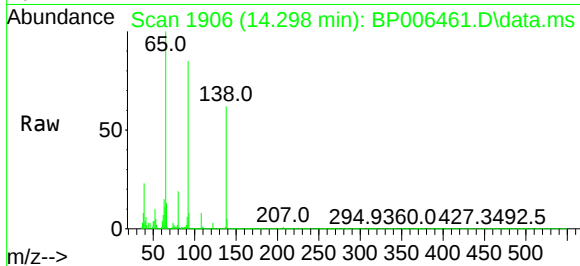




#53
3-Nitroaniline
Concen: 9.073 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

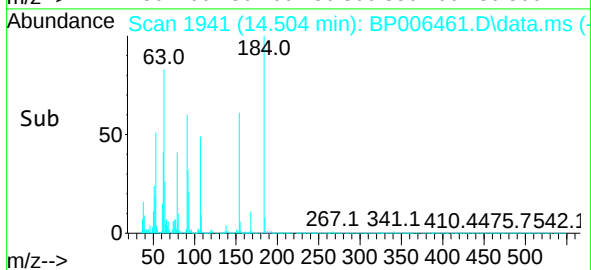
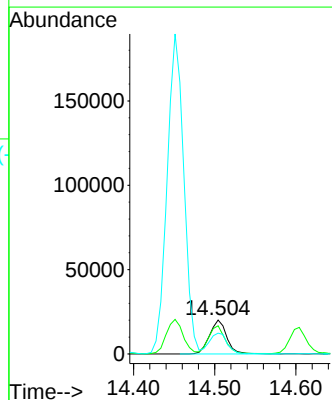
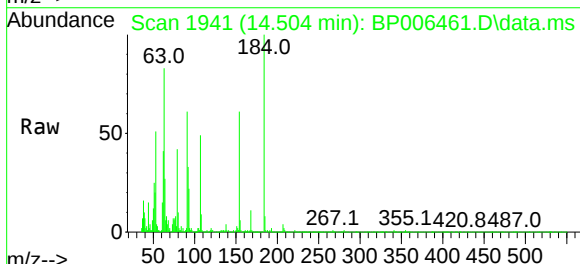
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

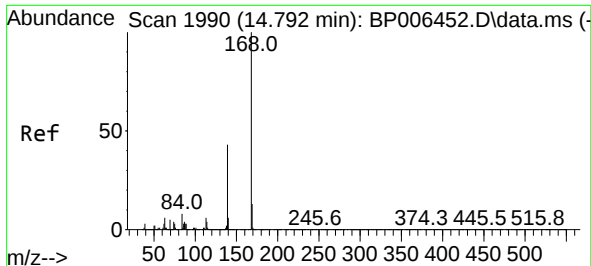
Tgt Ion:138 Resp: 77637
Ion Ratio Lower Upper
138 100
108 12.7 8.4 12.6#
92 136.0 87.8 131.8#



#54
2,4-Dinitrophenol
Concen: 7.023 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:184 Resp: 29433
Ion Ratio Lower Upper
184 100
63 83.1 47.0 70.6#
154 61.2 52.3 78.5

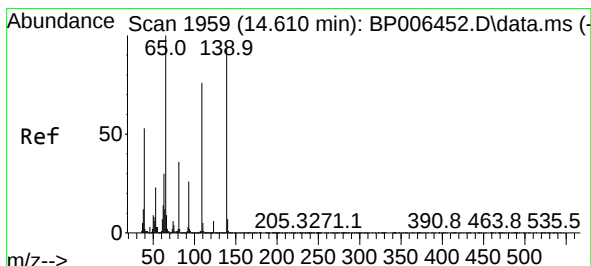
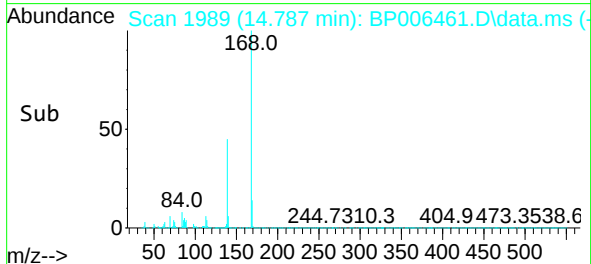
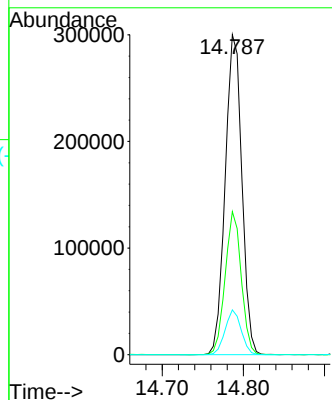
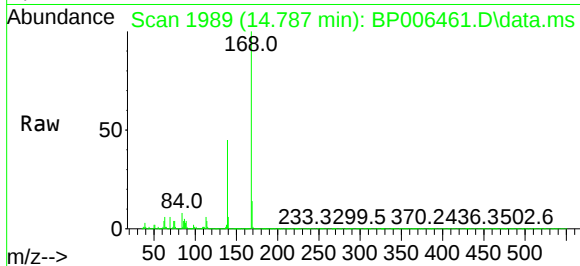




#55
Dibenzenofuran
Concen: 9.720 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

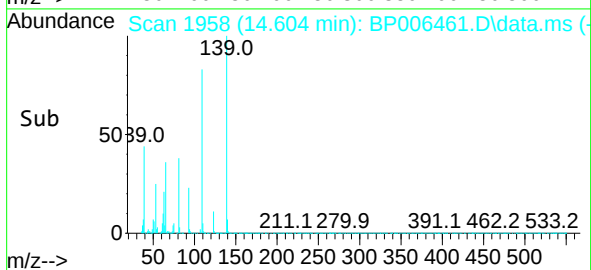
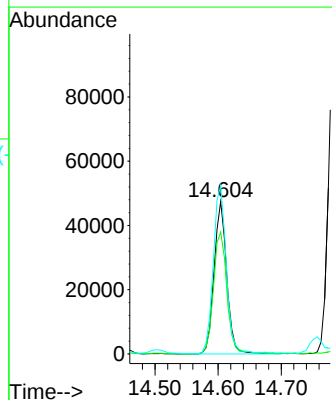
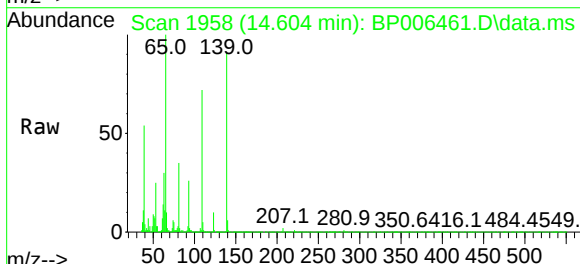
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

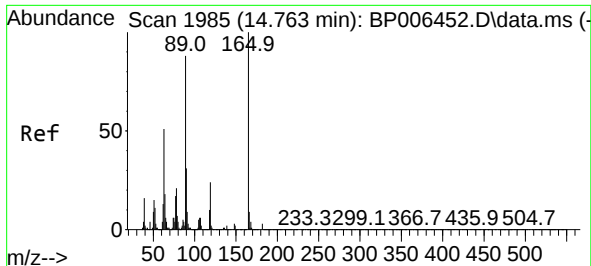
Tgt Ion:168 Resp: 428534
Ion Ratio Lower Upper
168 100
139 44.7 31.0 46.6
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 8.506 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:139 Resp: 66104
Ion Ratio Lower Upper
139 100
109 79.9 72.3 112.3
65 110.4 72.5 112.5

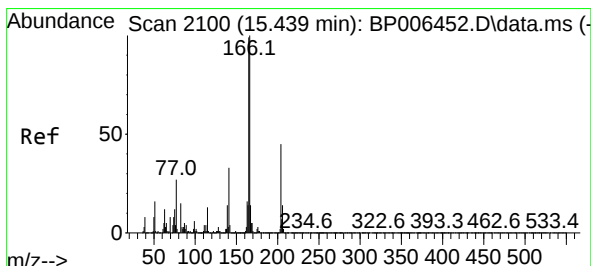
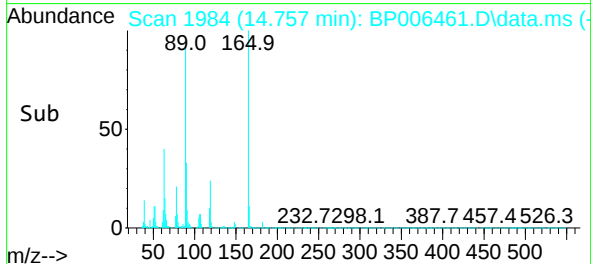
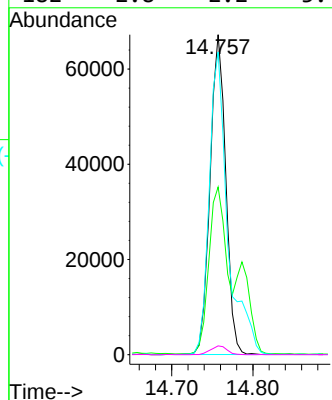
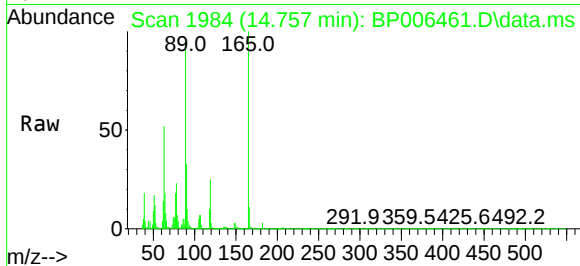




#57
2,4-Dinitrotoluene
Concen: 8.752 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

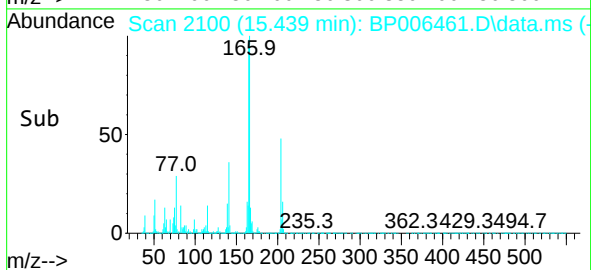
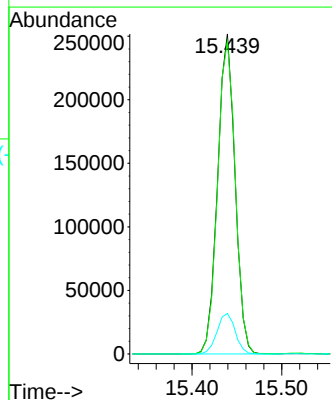
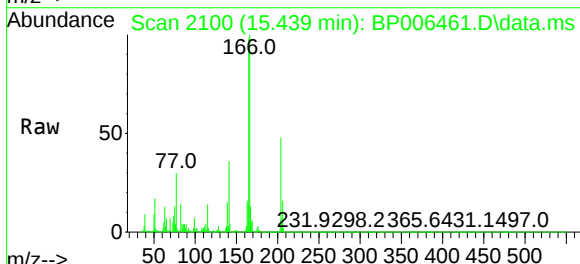
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

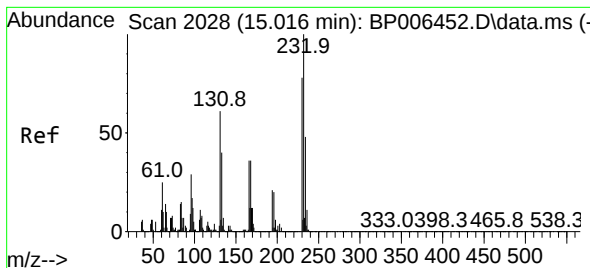
Tgt Ion:	165	Resp:	90196
Ion Ratio	Lower	Upper	
165	100		
63	52.4	32.3	48.5#
89	94.6	55.9	83.9#
182	2.8	2.2	3.4



#58
Fluorene
Concen: 9.669 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	166	Resp:	338665
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.0	117.0
167	12.7	10.5	15.7

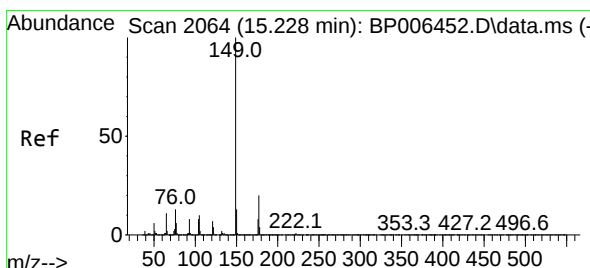
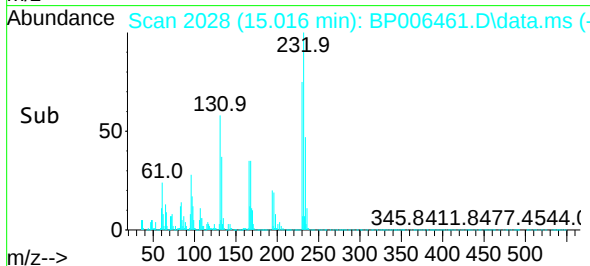
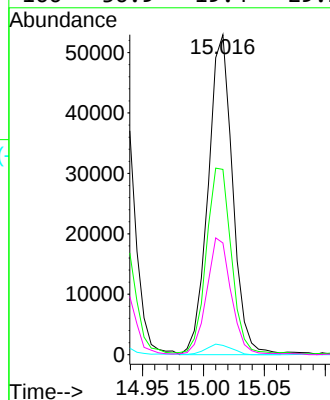
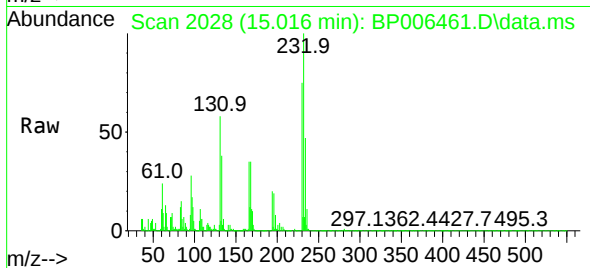




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.243 ng
RT: 15.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

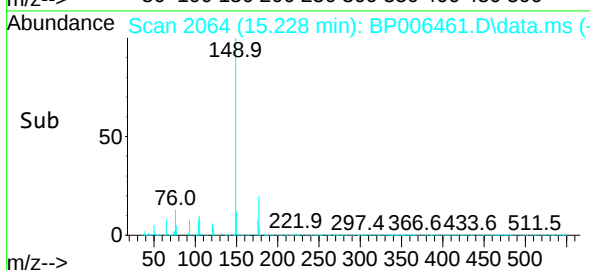
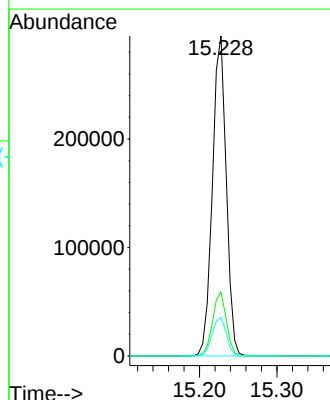
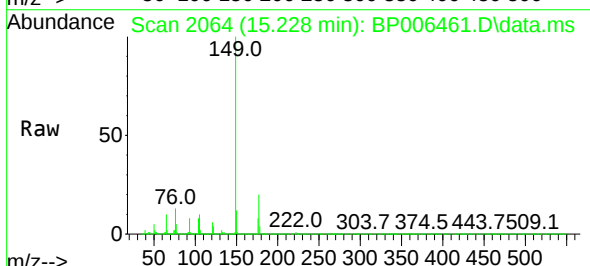
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

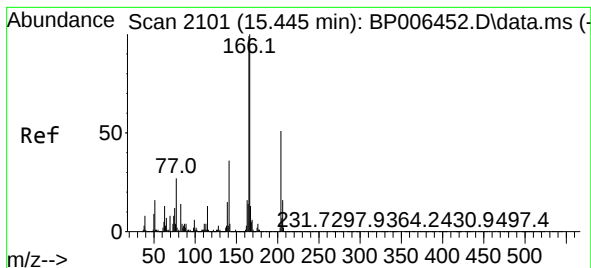
Tgt Ion:	232	Resp:	74040
Ion Ratio	Lower	Upper	
232	100		
131	59.9	32.2	48.4#
130	3.4	2.0	3.0#
166	36.9	19.4	29.2#



#60
Diethylphthalate
Concen: 9.914 ng
RT: 15.228 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	149	Resp:	365760
Ion Ratio	Lower	Upper	
149	100		
177	19.9	17.5	26.3
150	12.0	9.9	14.9

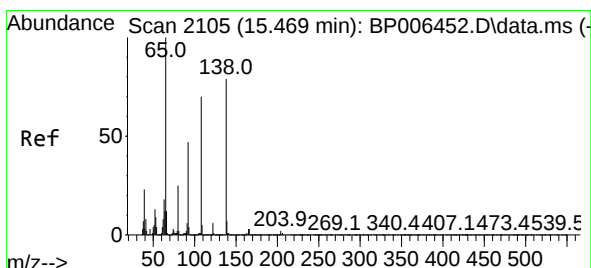
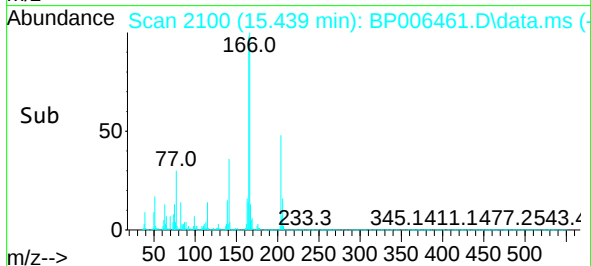
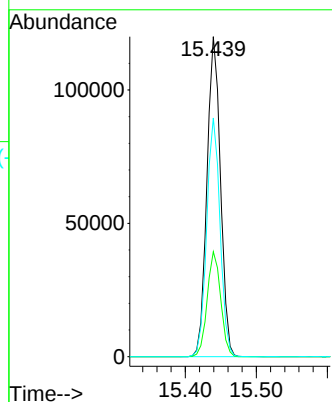
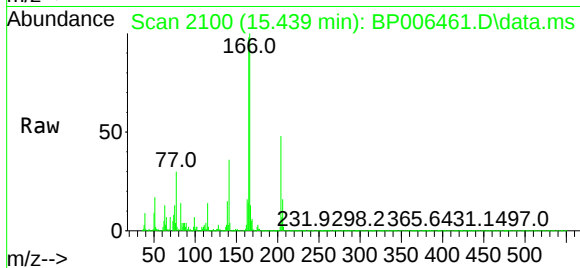




#61
4-Chlorophenyl-phenylether
Concen: 9.998 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

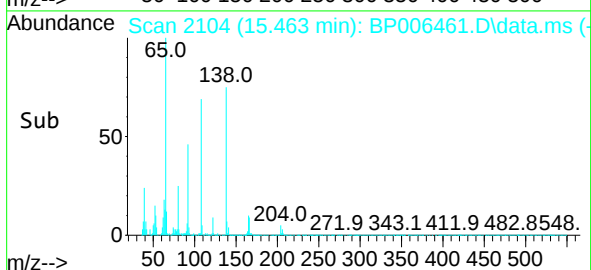
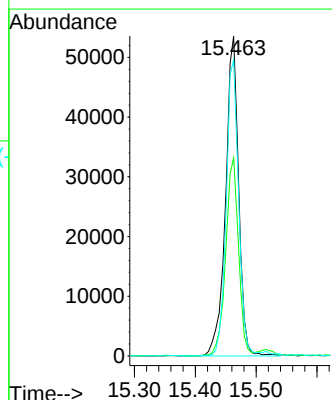
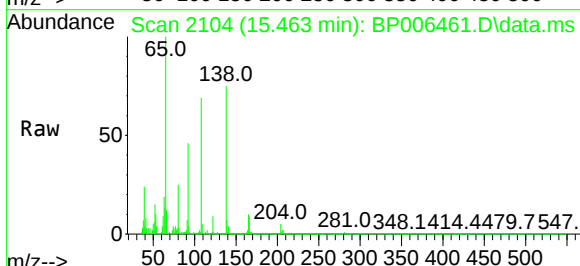
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

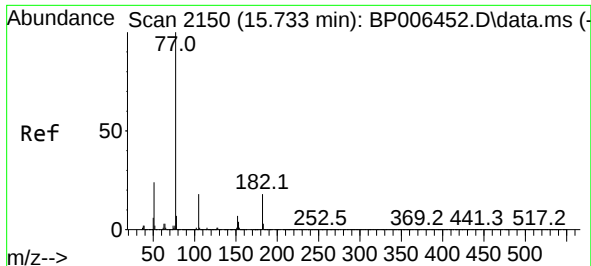
Tgt Ion:204 Resp: 159125
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 74.6 48.6 73.0#



#62
4-Nitroaniline
Concen: 8.850 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

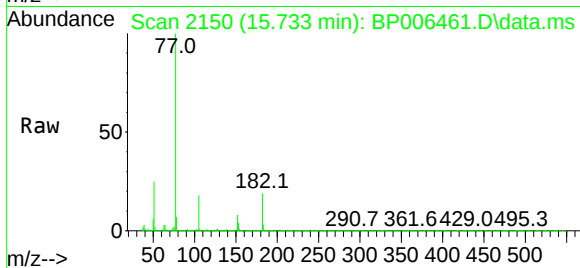
Tgt Ion:138 Resp: 80126
Ion Ratio Lower Upper
138 100
92 61.9 31.2 71.2
108 92.5 78.6 118.6



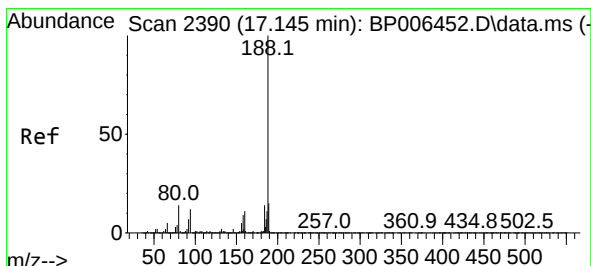
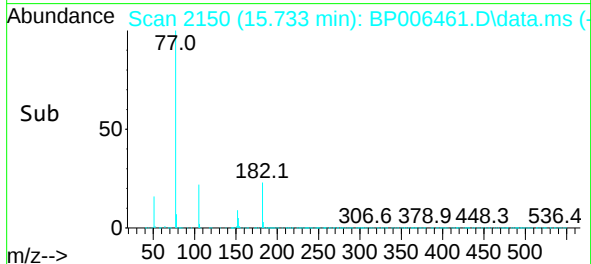
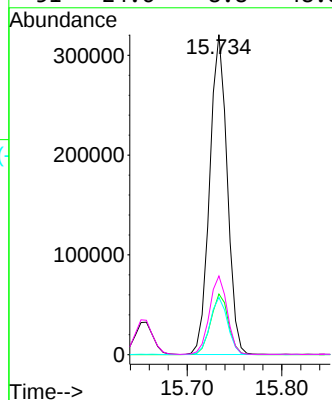


#63
Azobenzene
Concen: 9.622 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

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

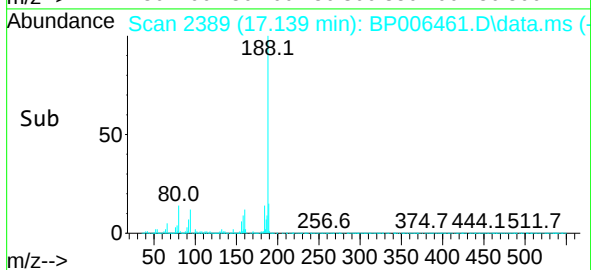
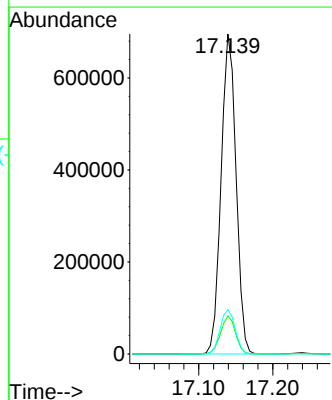
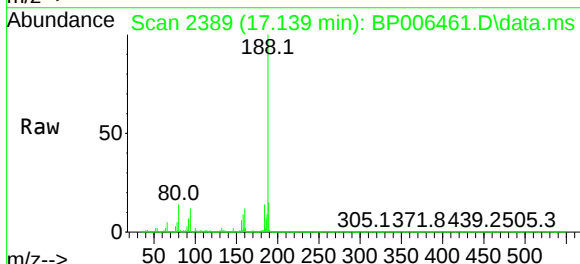


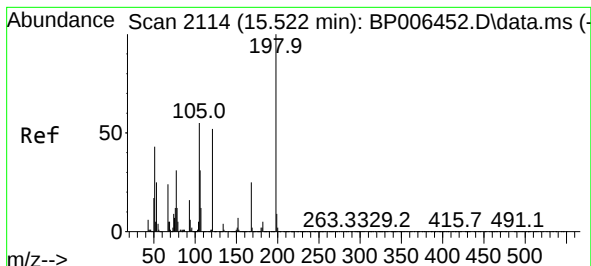
Tgt Ion:	77	Resp:	409907
Ion	Ratio	Lower	Upper
77	100		
182	19.0	6.0	46.0
105	17.9	0.0	38.8
51	24.6	8.8	48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:	188	Resp:	974278
Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.6	8.4#
80	13.9	6.3	9.5#

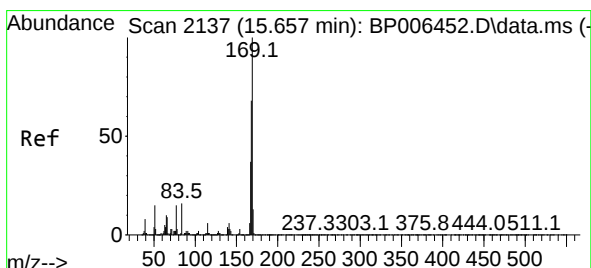
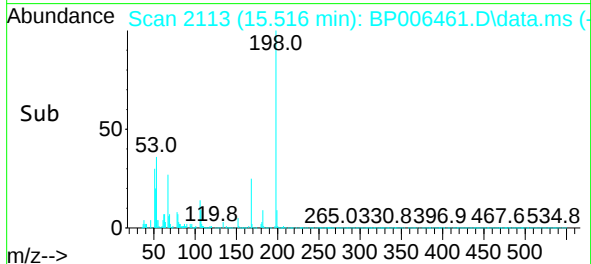
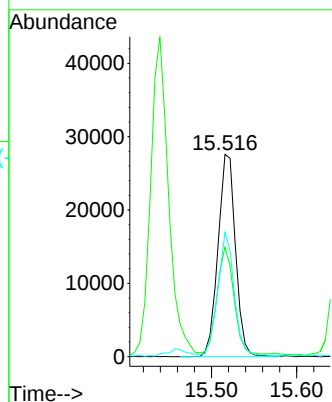
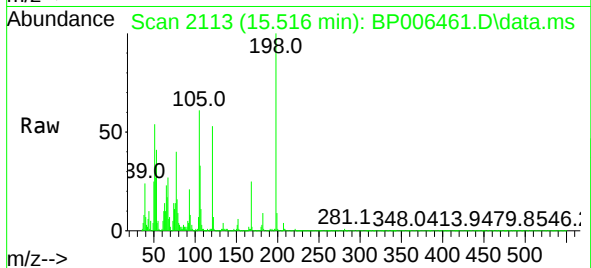




#65
4,6-Dinitro-2-methylphenol
Concen: 6.741 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

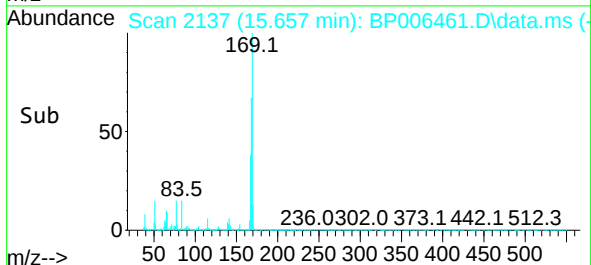
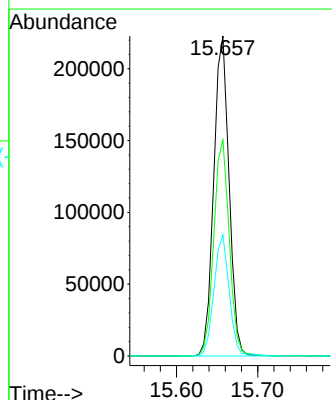
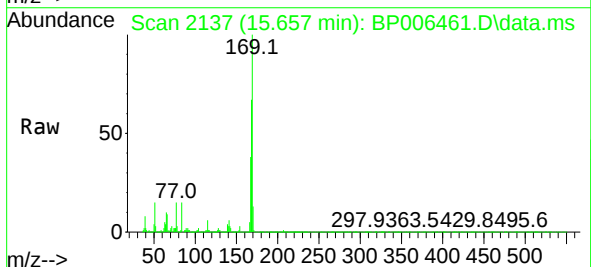
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

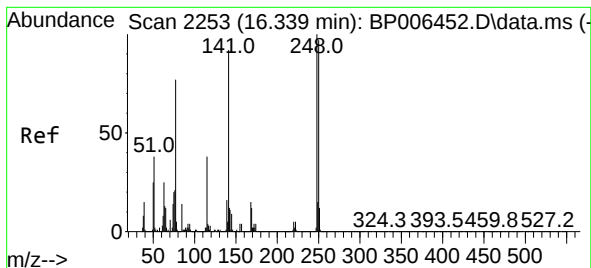
Tgt Ion:198 Resp: 39292
Ion Ratio Lower Upper
198 100
51 54.1 14.0 54.0#
105 61.4 19.5 59.5#



#66
n-Nitrosodiphenylamine
Concen: 9.663 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:169 Resp: 291507
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.9 29.0 43.6

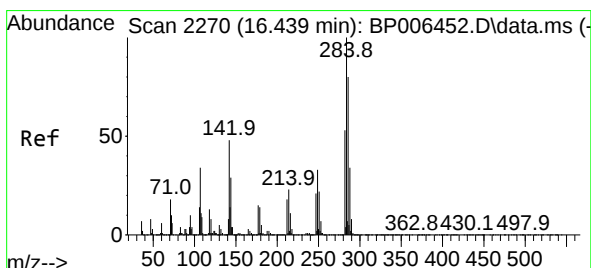
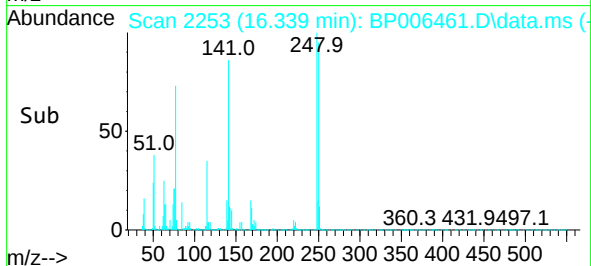
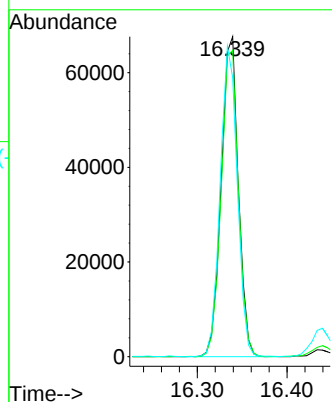
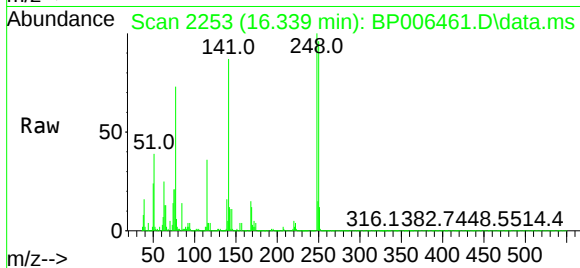




#67
4-Bromophenyl-phenylether
Concen: 9.575 ng
RT: 16.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

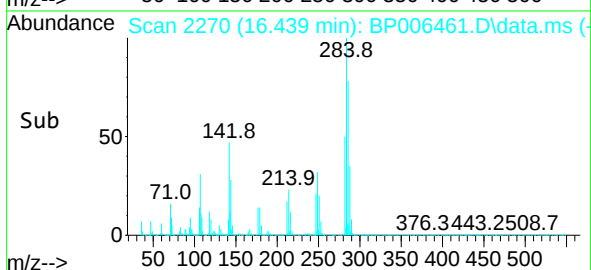
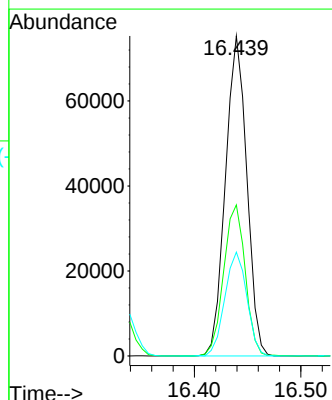
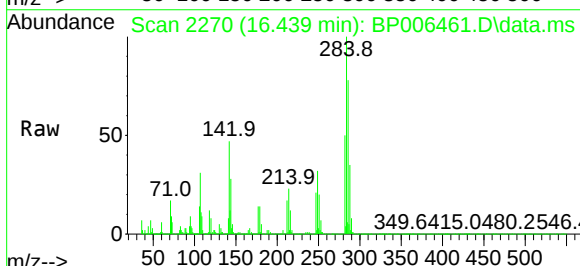
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

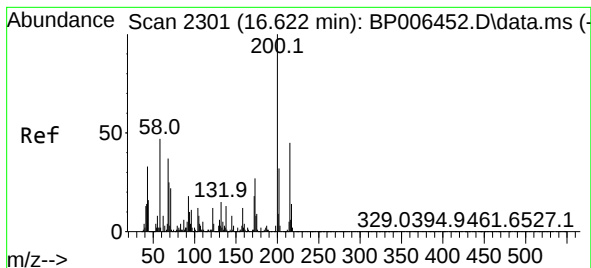
Tgt Ion:248 Resp: 89443
Ion Ratio Lower Upper
248 100
250 95.8 79.8 119.8
141 87.2 57.8 86.6#



#68
Hexachlorobenzene
Concen: 9.943 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:284 Resp: 104662
Ion Ratio Lower Upper
284 100
142 47.2 26.9 40.3#
249 32.5 24.5 36.7





#69

Atrazine

Concen: 10.479 ng

RT: 16.616 min Scan# 2300

Delta R.T. -0.006 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

Tgt Ion:200 Resp: 97247

Ion Ratio Lower Upper

200 100

173 26.4 4.1 44.1

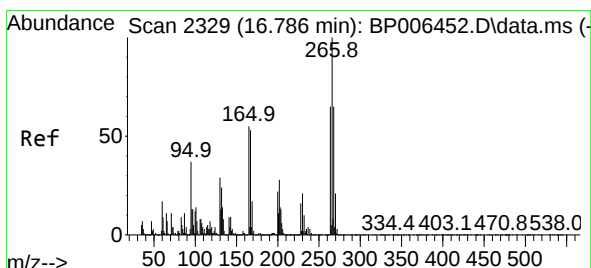
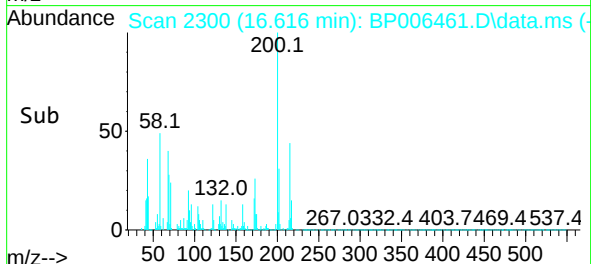
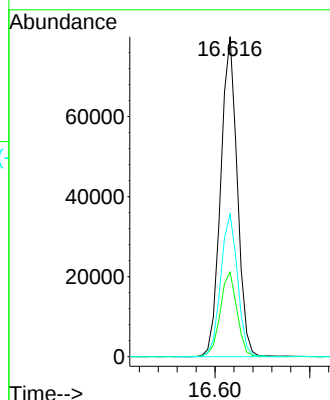
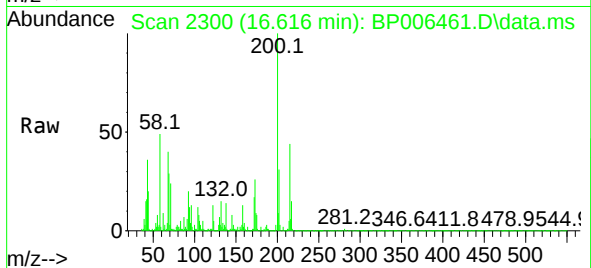
215 44.4 27.7 67.7

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#70

Pentachlorophenol

Concen: 8.723 ng

RT: 16.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

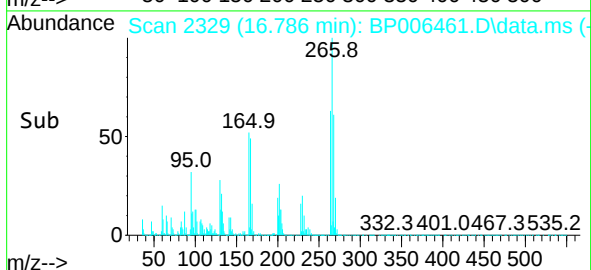
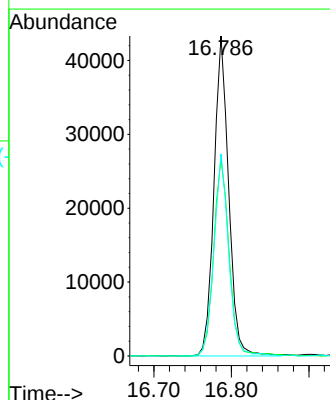
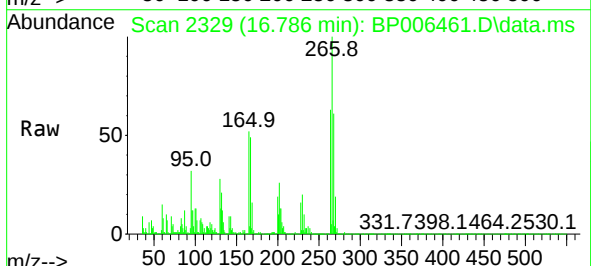
Tgt Ion:266 Resp: 57078

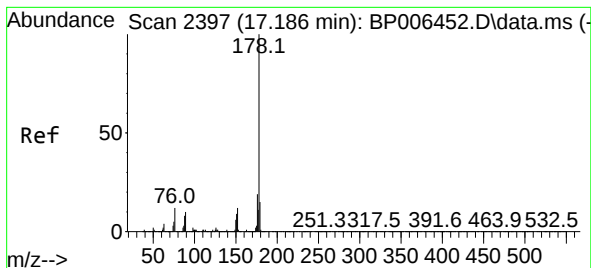
Ion Ratio Lower Upper

266 100

268 61.5 51.6 77.4

264 63.1 50.3 75.5

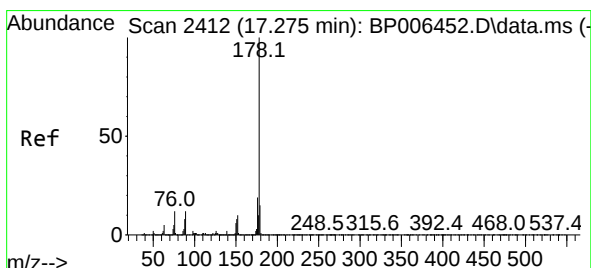
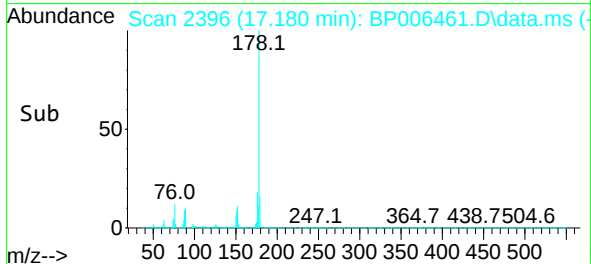
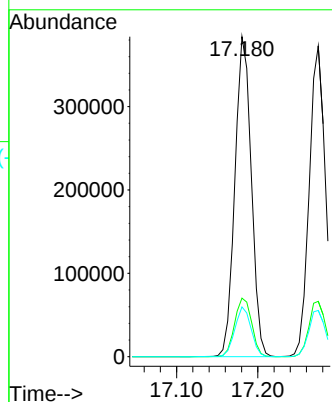
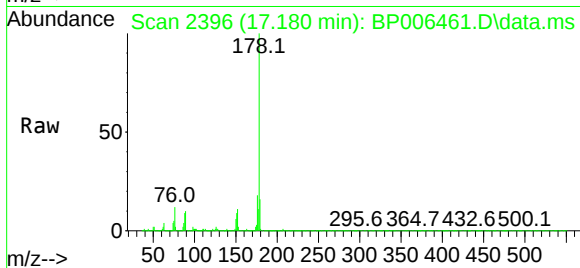




#71
Phenanthrene
Concen: 9.840 ng
RT: 17.180 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

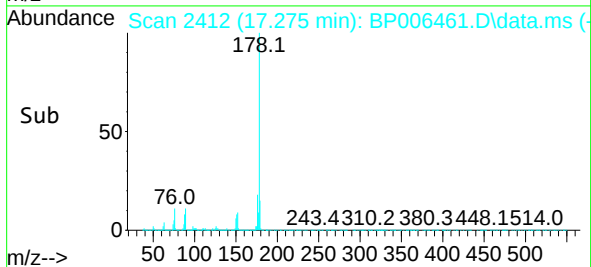
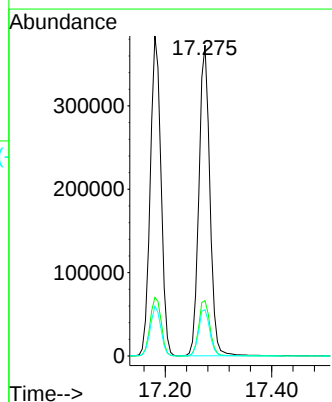
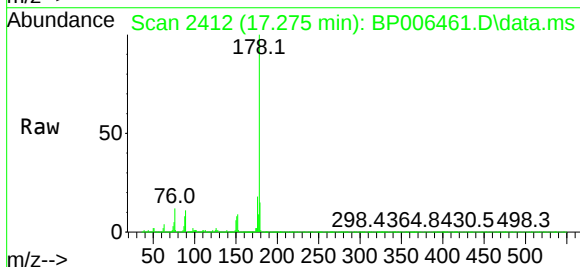
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

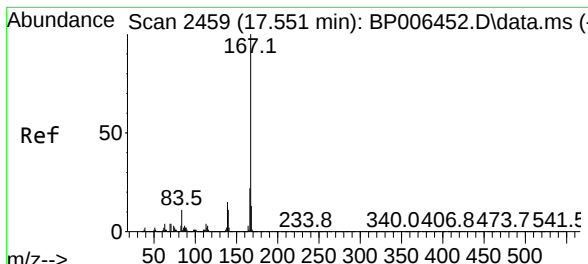
Tgt Ion:178 Resp: 537693
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.5 12.4 18.6



#72
Anthracene
Concen: 10.136 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:178 Resp: 530631
Ion Ratio Lower Upper
178 100
176 17.8 14.9 22.3
179 14.9 12.2 18.2

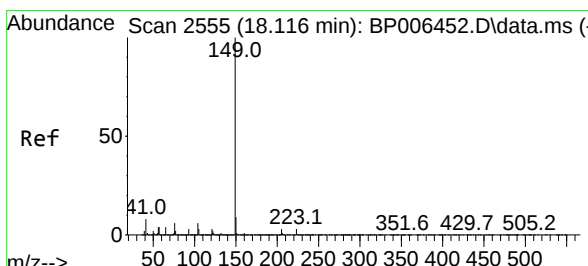
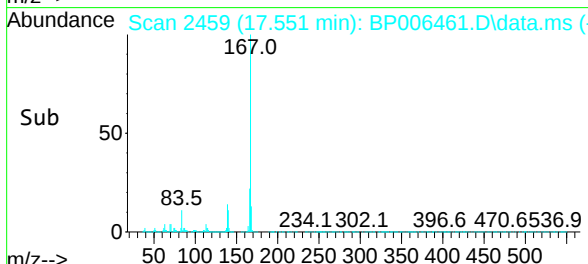
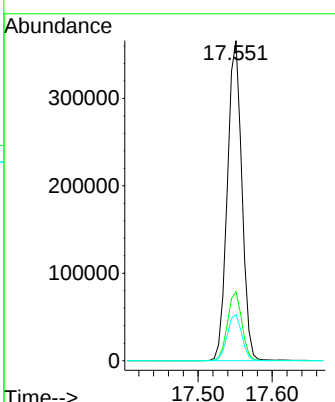
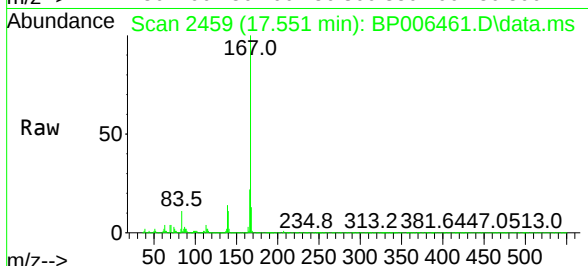




#73
 Carbazole
 Concen: 9.323 ng
 RT: 17.551 min Scan# 2459
 Delta R.T. 0.000 min
 Lab File: BP006461.D
 Acq: 02 Aug 2021 21:13

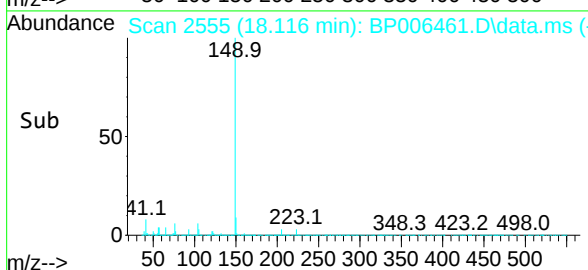
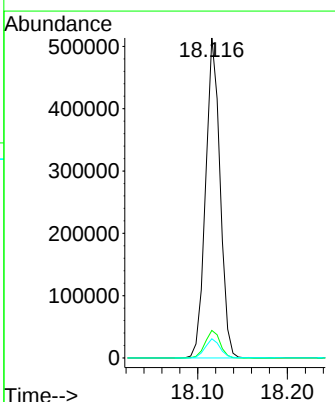
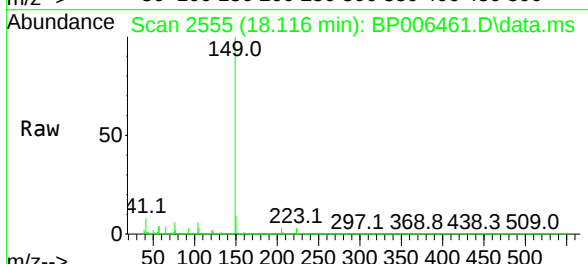
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

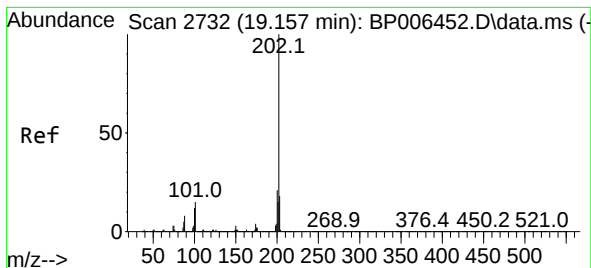
Tgt Ion:	167	Resp:	495785
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	14.4	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 9.556 ng
 RT: 18.116 min Scan# 2555
 Delta R.T. 0.000 min
 Lab File: BP006461.D
 Acq: 02 Aug 2021 21:13

Tgt Ion:	149	Resp:	573803
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.3	10.9
104	6.0	4.5	6.7

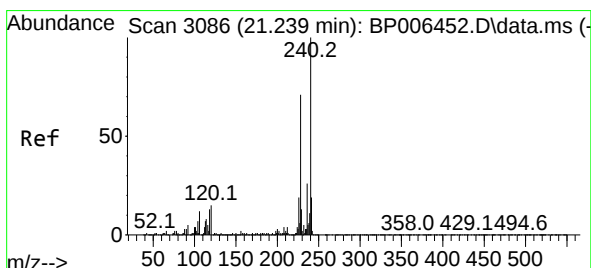
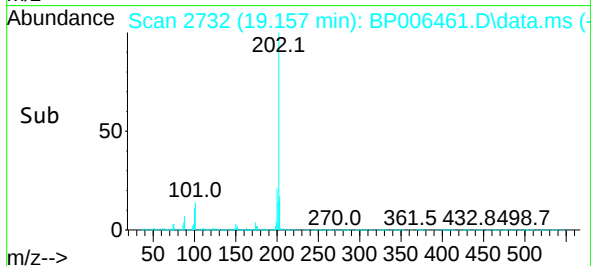
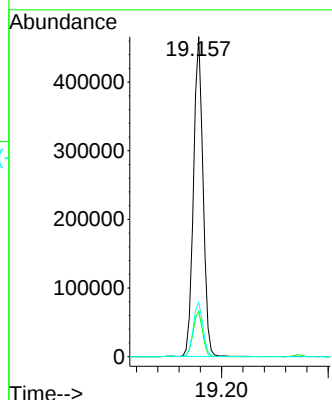
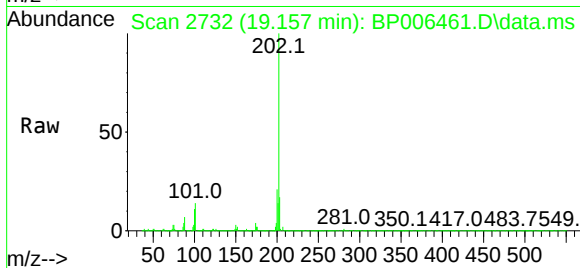




#75
Fluoranthene
Concen: 9.546 ng
RT: 19.157 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

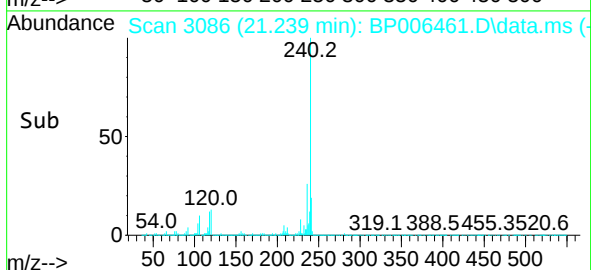
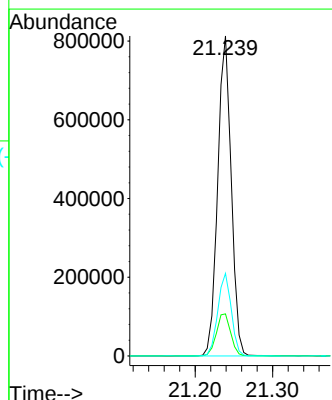
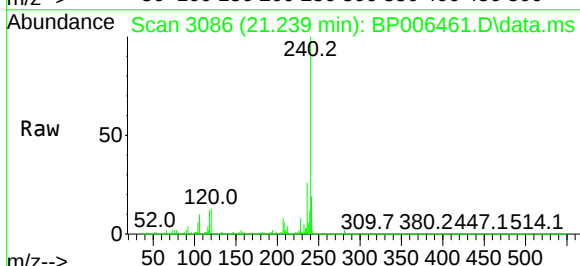
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

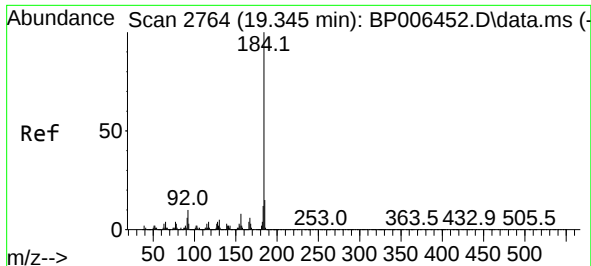
Tgt Ion:202 Resp: 580587
Ion Ratio Lower Upper
202 100
101 14.1 0.0 27.6
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:240 Resp: 983688
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 25.8 20.6 31.0

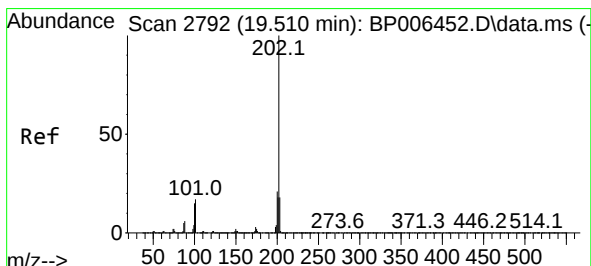
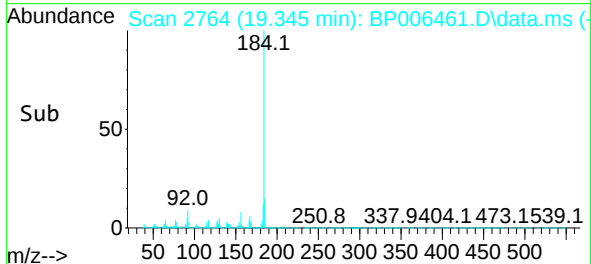
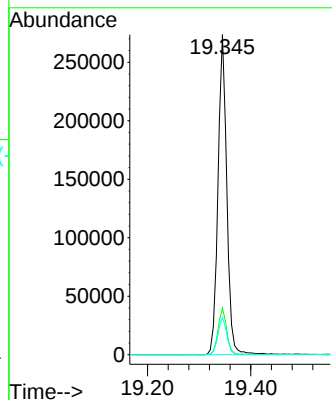
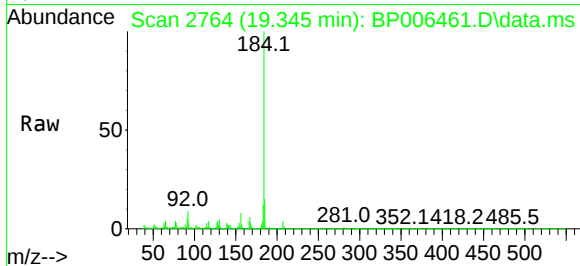




#77
Benzidine
Concen: 13.356 ng
RT: 19.345 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

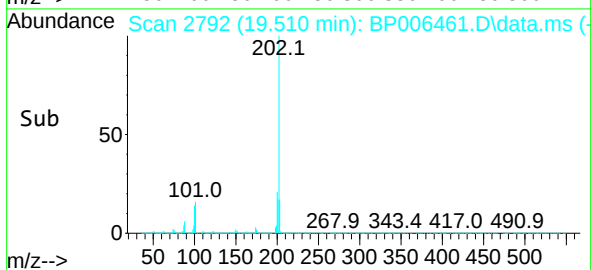
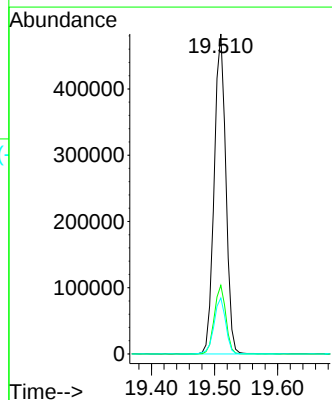
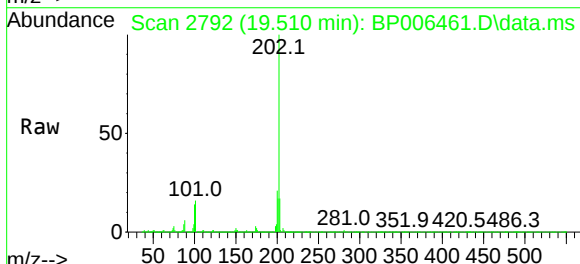
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

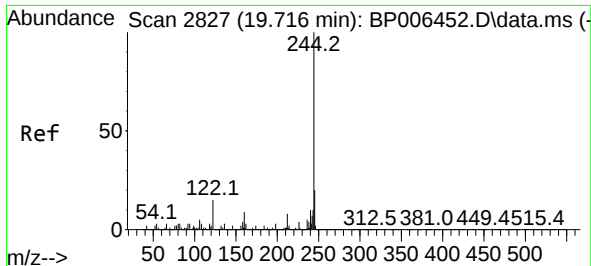
Tgt Ion:184 Resp: 323381
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.4
183 11.6 9.5 14.3



#78
Pyrene
Concen: 9.512 ng
RT: 19.510 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:202 Resp: 616862
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 17.5 14.2 21.2

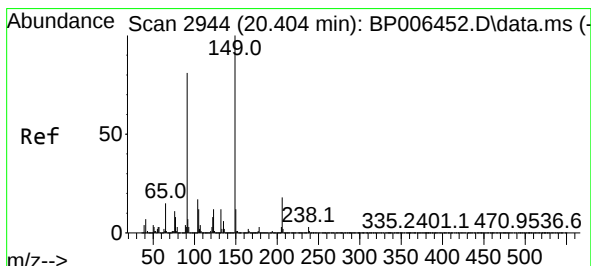
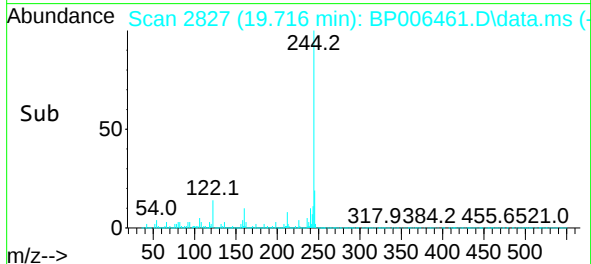
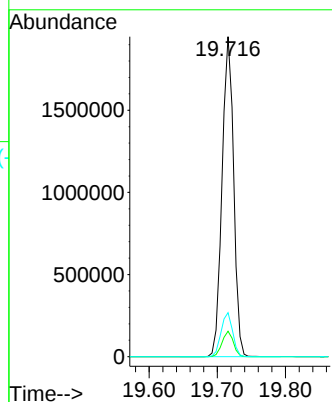
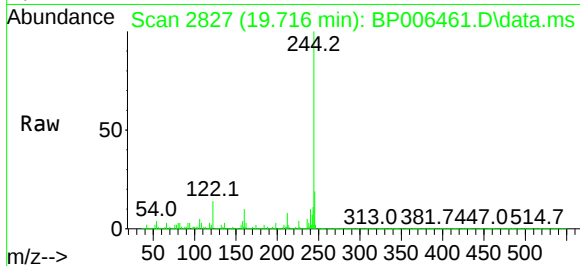




#79
Terphenyl-d14
Concen: 47.121 ng
RT: 19.716 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

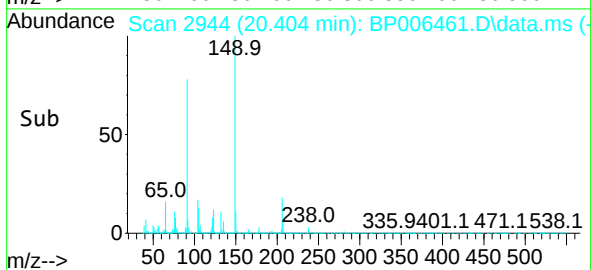
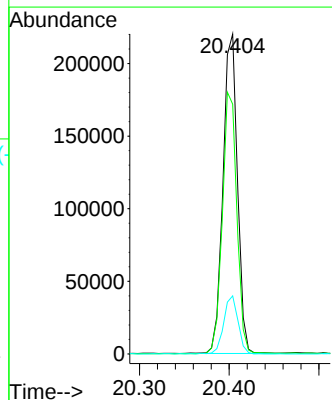
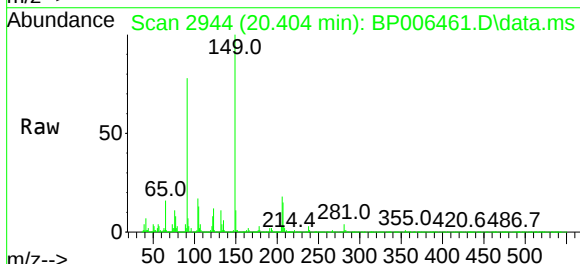
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

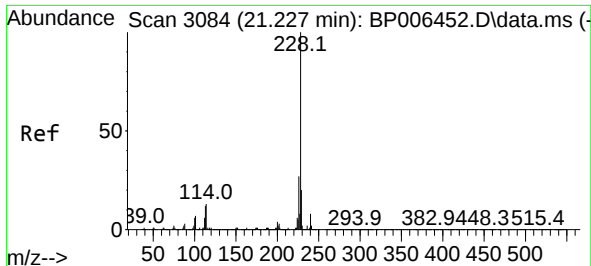
Tgt Ion:244 Resp: 2302002
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.7 7.1 10.7#



#80
Butylbenzylphthalate
Concen: 8.783 ng
RT: 20.404 min Scan# 2944
Delta R.T. -0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:149 Resp: 246079
Ion Ratio Lower Upper
149 100
91 78.1 54.6 81.8
206 18.2 16.7 25.1

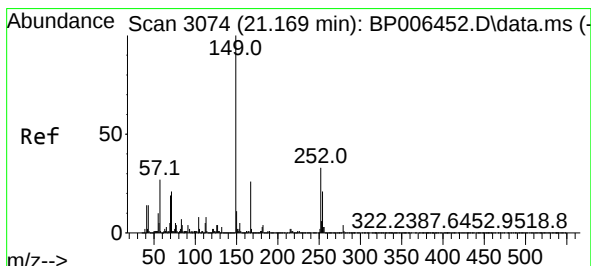
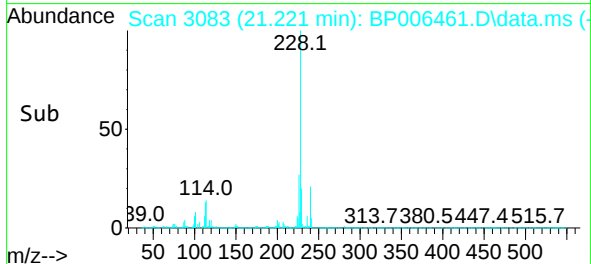
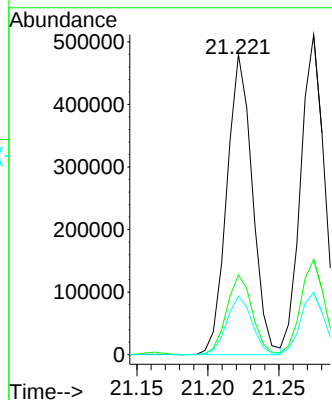
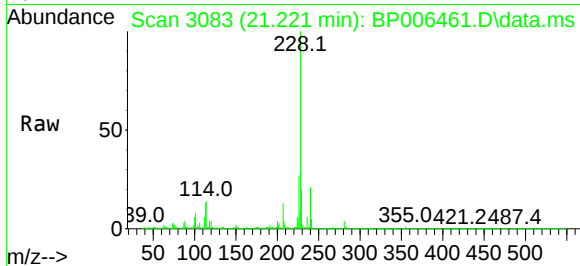




#81
Benzo(a)anthracene
Concen: 9.487 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

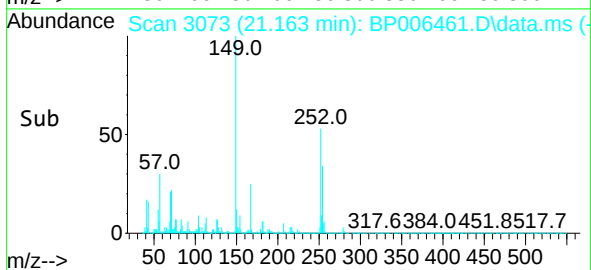
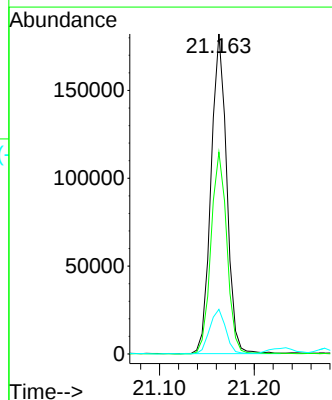
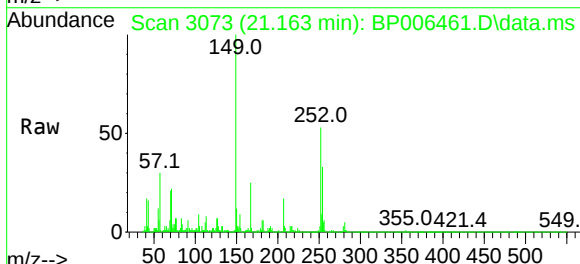
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

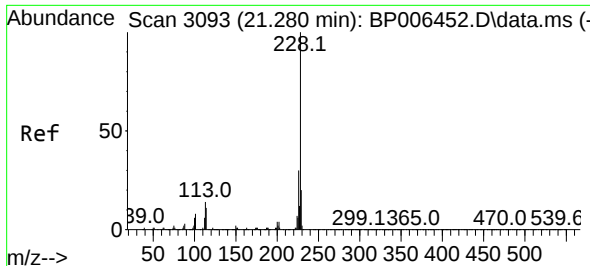
Tgt Ion:228 Resp: 600815
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 12.449 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:252 Resp: 208961
Ion Ratio Lower Upper
252 100
254 63.0 50.6 76.0
126 13.9 7.0 10.6#

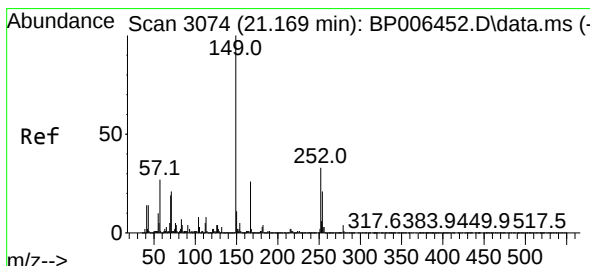
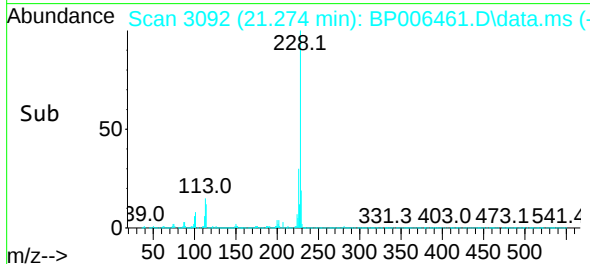
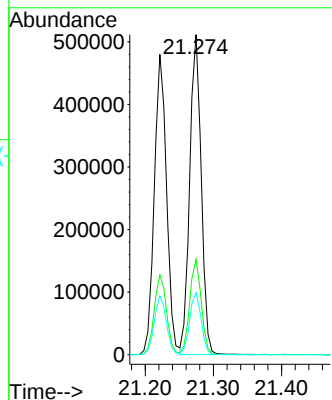
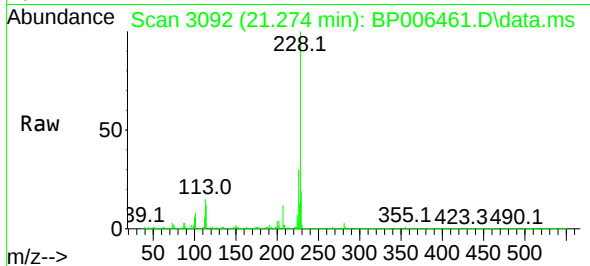




#83
Chrysene
Concen: 9.635 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

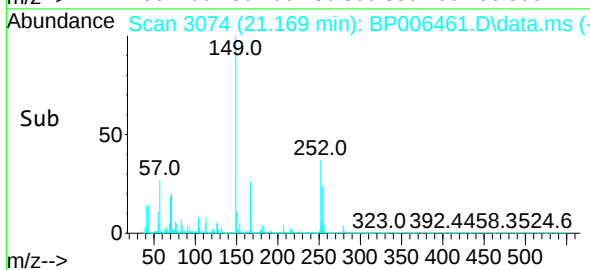
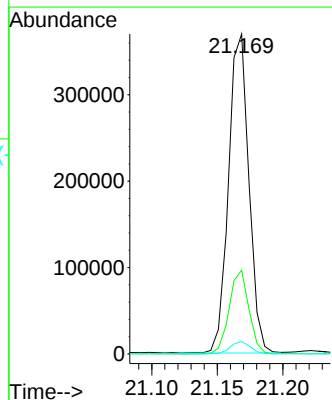
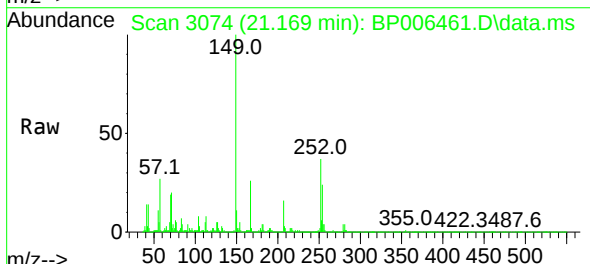
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

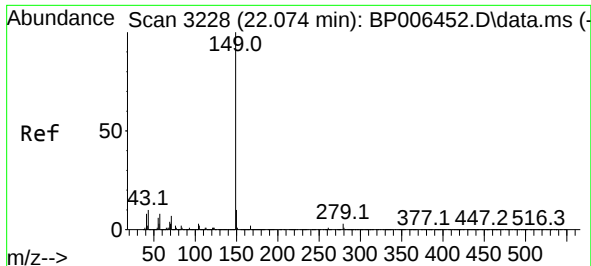
Tgt Ion:228 Resp: 594493
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.4 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.193 ng
RT: 21.169 min Scan# 3074
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:149 Resp: 397897
Ion Ratio Lower Upper
149 100
167 26.2 21.9 32.9
279 3.9 4.3 6.5#

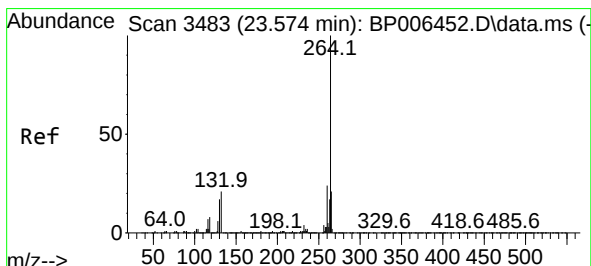
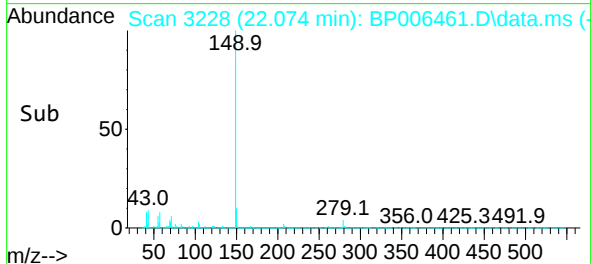
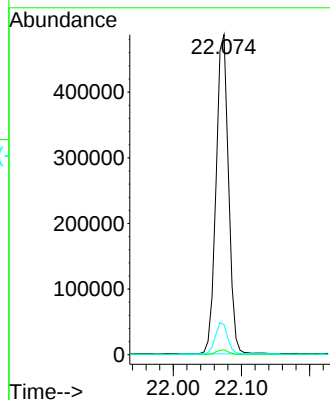
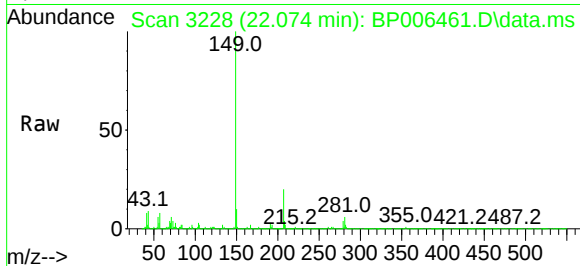




#85
Di-n-octyl phthalate
Concen: 8.448 ng
RT: 22.074 min Scan# 3228
Delta R.T. 0.000 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

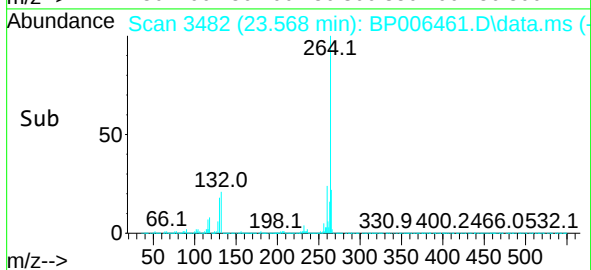
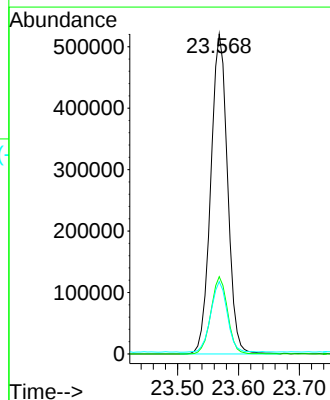
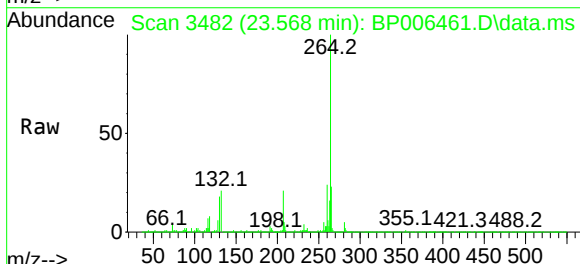
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

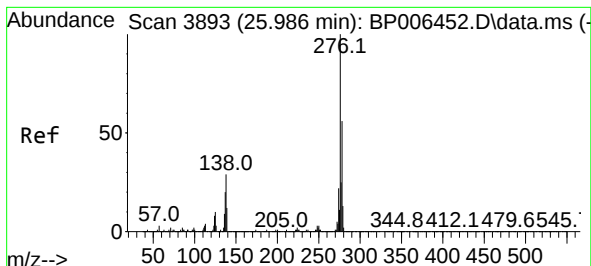
Tgt Ion:149 Resp: 619145
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 10.0 5.6 8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.568 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:264 Resp: 996539
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.428 ng

RT: 25.974 min Scan# 3891

Delta R.T. -0.012 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021

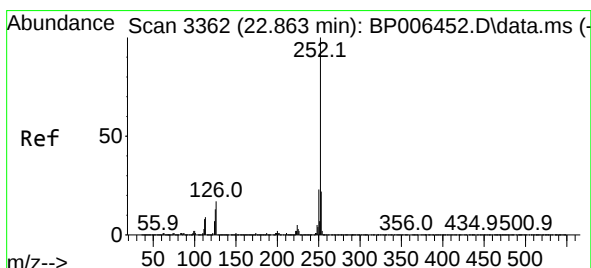
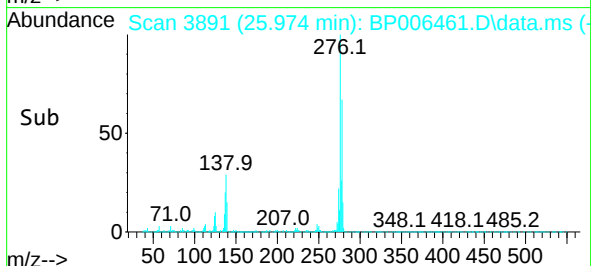
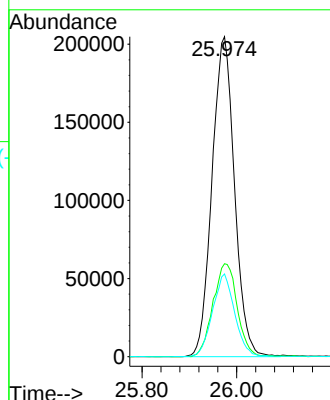
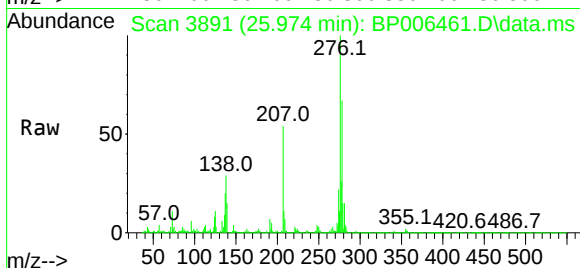
Tgt Ion:276 Resp: 674103

Ion Ratio Lower Upper

276 100

138 31.4 15.3 22.9#

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 9.493 ng

RT: 22.857 min Scan# 3361

Delta R.T. -0.006 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

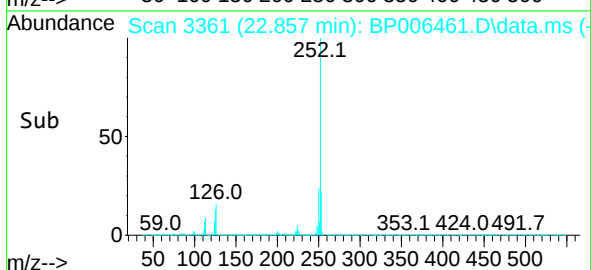
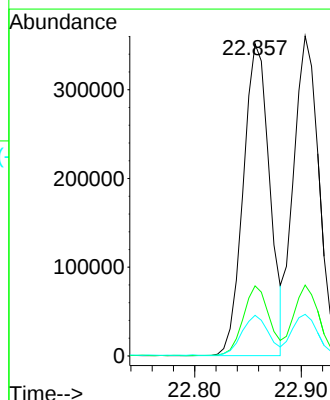
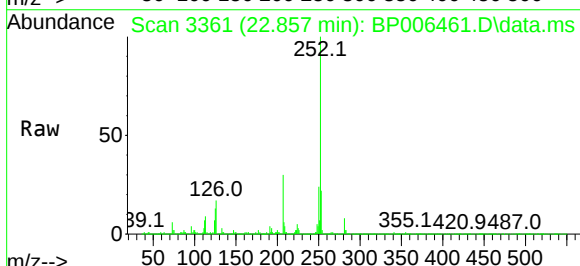
Tgt Ion:252 Resp: 607264

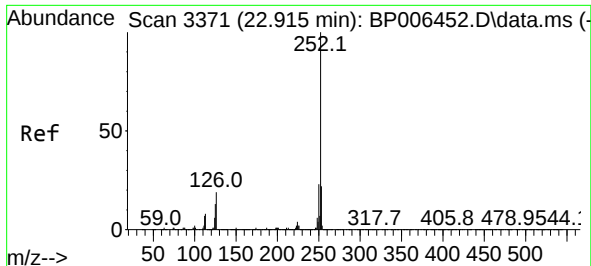
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 13.0 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 9.621 ng

RT: 22.904 min Scan# 3369

Delta R.T. -0.012 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2021

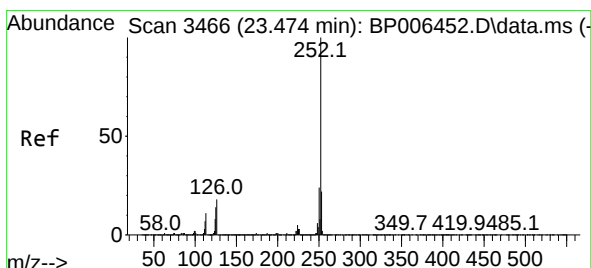
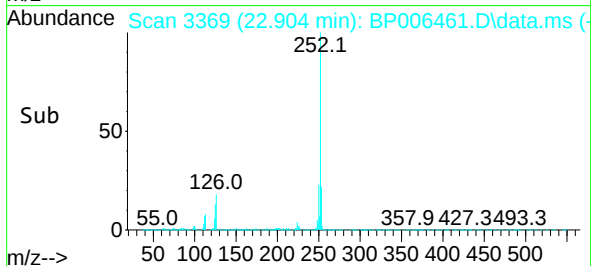
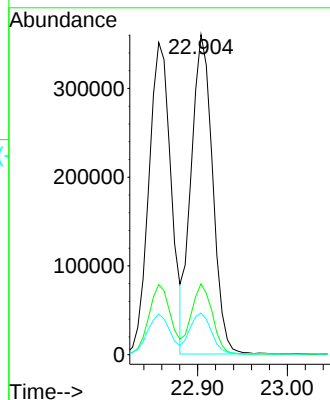
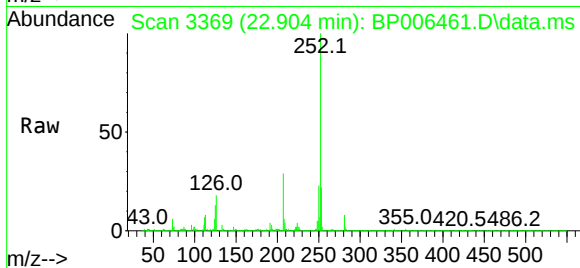
Tgt Ion:252 Resp: 597097

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 13.0 6.0 9.0#



#90

Benzo(a)pyrene

Concen: 9.823 ng

RT: 23.462 min Scan# 3464

Delta R.T. -0.012 min

Lab File: BP006461.D

Acq: 02 Aug 2021 21:13

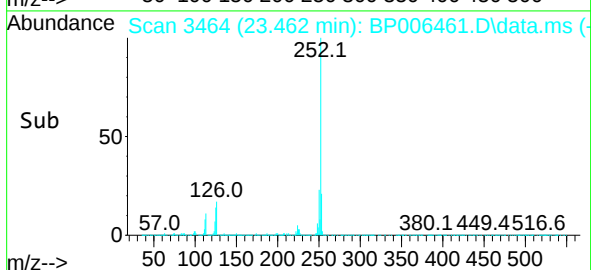
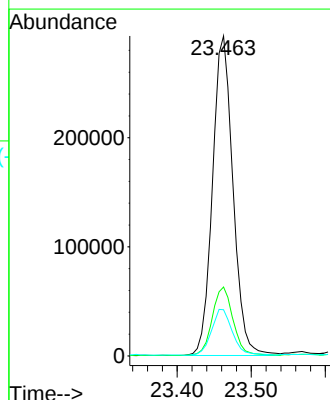
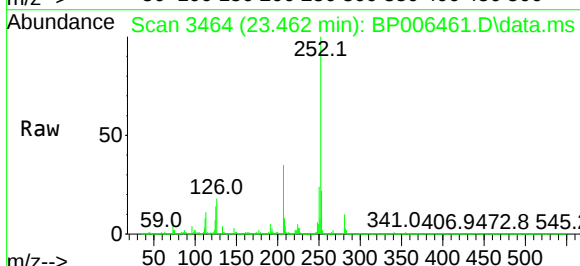
Tgt Ion:252 Resp: 562561

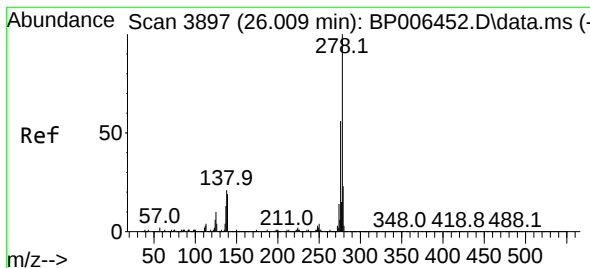
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 14.4 6.5 9.7#

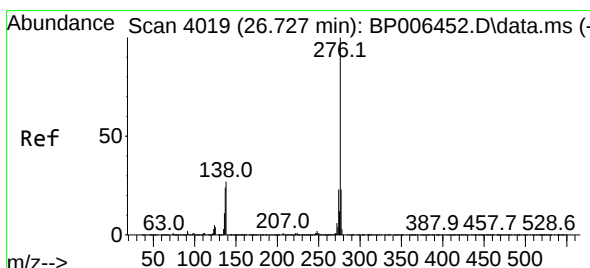
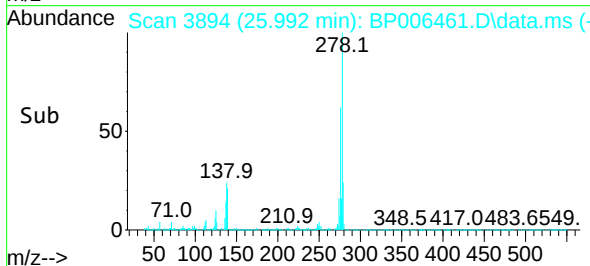
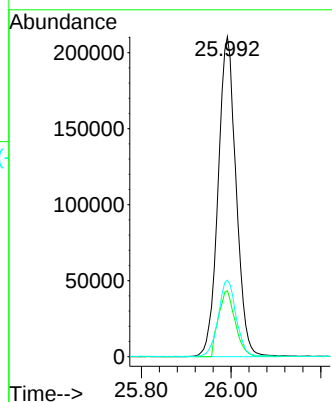
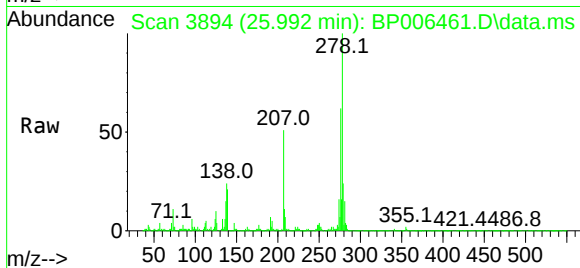




#91
Dibenzo(a,h)anthracene
Concen: 9.465 ng
RT: 25.992 min Scan# 3894
Delta R.T. -0.018 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

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

Tgt Ion:278 Resp: 586099
Ion Ratio Lower Upper
278 100
139 20.6 9.3 13.9#
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 9.530 ng
RT: 26.709 min Scan# 4016
Delta R.T. -0.018 min
Lab File: BP006461.D
Acq: 02 Aug 2021 21:13

Tgt Ion:276 Resp: 565755
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 26.0 12.6 18.8#

