

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
 Data File : BP006261.D
 Acq On : 21 Jul 2021 11:42
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-SOIL-5PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 21 12:11:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 11:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	282650	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1125444	20.000	ng	# 0.00
39) Acenaphthene-d10	14.428	164	661538	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1312351	20.000	ng	# 0.00
76) Chrysene-d12	21.274	240	1313964	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	1351135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1987064	117.125	ng	0.00
7) Phenol-d6	6.975	99	2672005	115.199	ng	0.00
23) Nitrobenzene-d5	8.957	82	1309833	70.083	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	745340	109.456	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2827756	65.064	ng	0.00
79) Terphenyl-d14	19.757	244	4170725	63.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	31180	4.395	ng	93
3) Pyridine	3.746	79	72576	3.675	ng	96
4) n-Nitrosodimethylamine	3.652	42	28273	4.222	ng	# 81
6) Aniline	7.134	93	115663	4.504	ng	98
8) 2-Chlorophenol	7.363	128	75276	4.018	ng	93
9) Benzaldehyde	6.952	77	71864	5.381	ng	96
10) Phenol	6.999	94	95882	4.167	ng	96
11) bis(2-Chloroethyl)ether	7.240	93	75135	4.216	ng	92
12) 1,3-Dichlorobenzene	7.693	146	84235	4.104	ng	99
13) 1,4-Dichlorobenzene	7.834	146	87731	4.217	ng	98
14) 1,2-Dichlorobenzene	8.152	146	83036	4.167	ng	99
15) Benzyl Alcohol	8.046	79	64358	3.854	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	81735	4.552	ng	95
17) 2-Methylphenol	8.246	107	61728	4.044	ng	97
18) Hexachloroethane	8.875	117	30698	4.150	ng	93
19) n-Nitroso-di-n-propyla...	8.610	70	56087	3.947	ng	95
20) 3+4-Methylphenols	8.569	107	78221	3.805	ng	96
22) Acetophenone	8.622	105	113783	4.189	ng	# 98
24) Nitrobenzene	8.999	77	87760	4.417	ng	94
25) Isophorone	9.528	82	135618	3.557	ng	96
26) 2-Nitrophenol	9.710	139	26521	3.553	ng	95
27) 2,4-Dimethylphenol	9.769	122	66019	4.376	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	94272	4.380	ng	98
29) 2,4-Dichlorophenol	10.234	162	56671	3.639	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	69853	3.967	ng	96
31) Naphthalene	10.640	128	246064	4.165	ng	99
32) Benzoic acid	9.822	122	20205	2.158	ng	93
33) 4-Chloroaniline	10.751	127	95465	3.970	ng	97
34) Hexachlorobutadiene	10.928	225	41908	4.014	ng	99
35) Caprolactam	11.534	113	15731	3.357	ng	# 84
36) 4-Chloro-3-methylphenol	11.875	107	65706	3.625	ng	99
37) 2-Methylnaphthalene	12.251	142	168390	4.082	ng	98
38) 1-Methylnaphthalene	12.469	142	154927	3.971	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	76568	4.273	ng	96
41) Hexachlorocyclopentadiene	12.598	237	45240	4.611	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	39912	3.551	ng	93

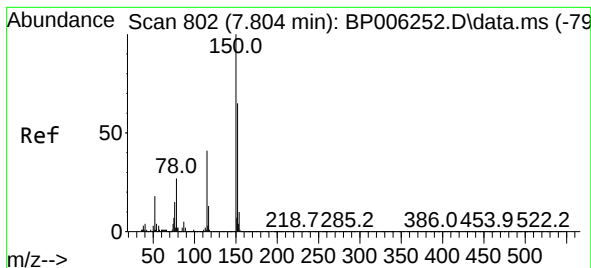
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	43916	3.637	ng	# 86
46) 1,1'-Biphenyl	13.269	154	216904	4.448	ng	97
47) 2-Chloronaphthalene	13.304	162	159220	4.241	ng	95
48) 2-Nitroaniline	13.510	65	31478	3.568	ng	95
49) Acenaphthylene	14.151	152	235724	3.944	ng	99
50) Dimethylphthalate	13.898	163	183633	3.956	ng	99
51) 2,6-Dinitrotoluene	14.010	165	29663	3.256	ng	# 87
52) Acenaphthene	14.492	154	149785	4.054	ng	96
53) 3-Nitroaniline	14.334	138	31711	3.285	ng	# 85
54) 2,4-Dinitrophenol	14.539	184	12099	3.131	ng	93
55) Dibenzofuran	14.828	168	241500	4.140	ng	99
56) 4-Nitrophenol	14.639	139	24942	2.912	ng	# 88
57) 2,4-Dinitrotoluene	14.792	165	34467	2.932	ng	# 82
58) Fluorene	15.481	166	192152	4.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	34568	3.306	ng	# 74
60) Diethylphthalate	15.269	149	183929	3.839	ng	98
61) 4-Chlorophenyl-phenyle...	15.481	204	90901	4.113	ng	90
62) 4-Nitroaniline	15.492	138	31446	3.119	ng	83
63) Azobenzene	15.775	77	171141	3.548	ng	93
65) 4,6-Dinitro-2-methylph...	15.551	198	16410	2.688	ng	85
66) n-Nitrosodiphenylamine	15.692	169	157969	3.923	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	49060	3.711	ng	91
68) Hexachlorobenzene	16.480	284	60224	3.972	ng	95
69) Atrazine	16.657	200	50016	3.803	ng	95
70) Pentachlorophenol	16.828	266	27695	3.262	ng	96
71) Phenanthrene	17.222	178	304994	4.243	ng	99
72) Anthracene	17.316	178	289548	4.130	ng	98
73) Carbazole	17.586	167	263626	3.751	ng	99
74) Di-n-butylphthalate	18.163	149	286991	3.577	ng	100
75) Fluoranthene	19.192	202	325110	3.941	ng	95
77) Benzidine	19.380	184	132256	3.458	ng	98
78) Pyrene	19.545	202	343238	3.956	ng	100
80) Butylbenzylphthalate	20.439	149	112680	3.066	ng	89
81) Benzo(a)anthracene	21.263	228	331821	3.935	ng	99
82) 3,3'-Dichlorobenzidine	21.198	252	104095	4.458	ng	# 95
83) Chrysene	21.310	228	325691	3.989	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	182345	3.291	ng	# 96
85) Di-n-octyl phthalate	22.127	149	300009	3.228	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.062	276	382986	4.001	ng	# 89
88) Benzo(b)fluoranthene	22.910	252	333410	3.824	ng	# 95
89) Benzo(k)fluoranthene	22.962	252	337777	4.161	ng	# 94
90) Benzo(a)pyrene	23.521	252	312590	3.996	ng	# 94
91) Dibenzo(a,h)anthracene	26.092	278	327295	3.953	ng	# 91
92) Benzo(g,h,i)perylene	26.809	276	322791	4.005	ng	# 90

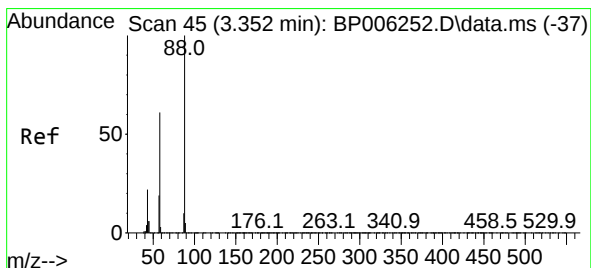
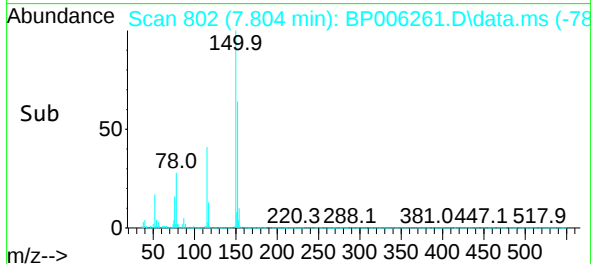
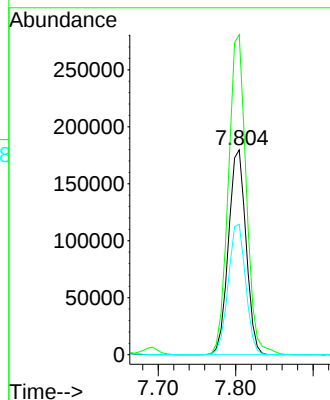
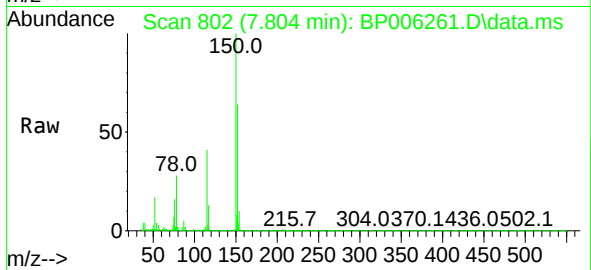
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BP006261.D
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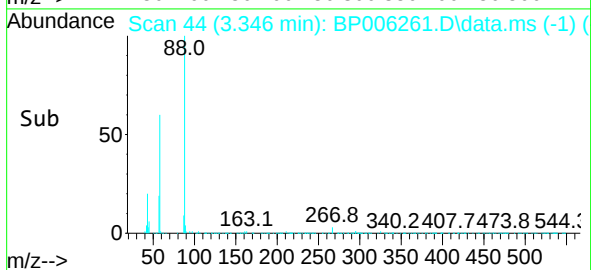
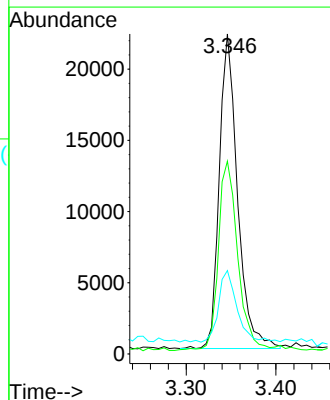
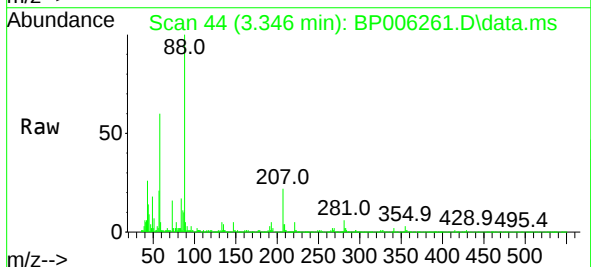
Instrument :
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LOD-MDL-SOIL-01-QT3-2021

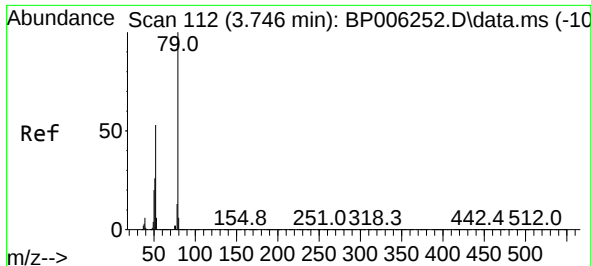
Tgt Ion:152 Resp: 282650
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 63.7 48.5 72.7



#2
1,4-Dioxane
Concen: 4.395 ng
RT: 3.346 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 88 Resp: 31180
Ion Ratio Lower Upper
88 100
58 64.2 46.7 70.1
43 23.1 20.3 30.5

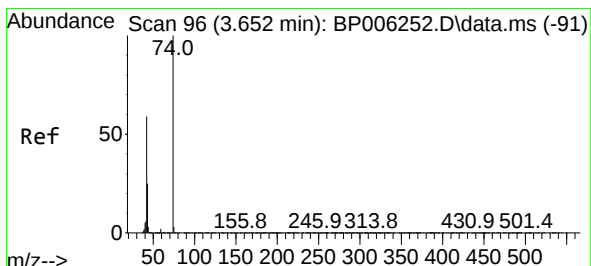
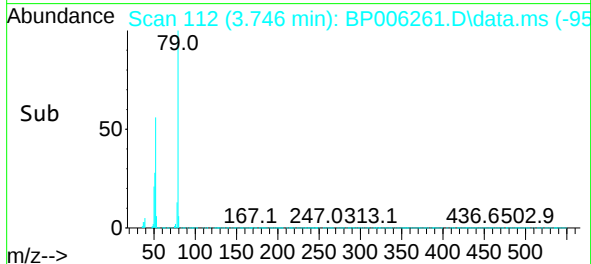
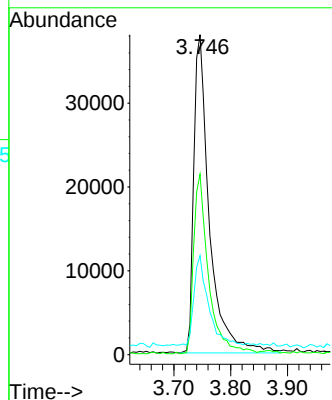
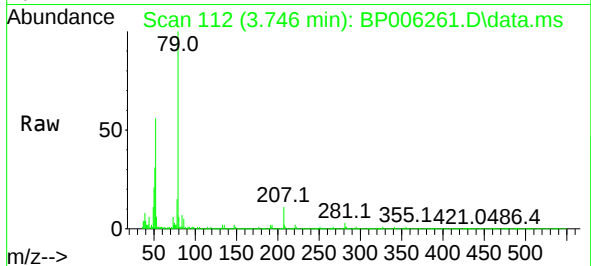




#3
Pyridine
Concen: 3.675 ng
RT: 3.746 min Scan# 112
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

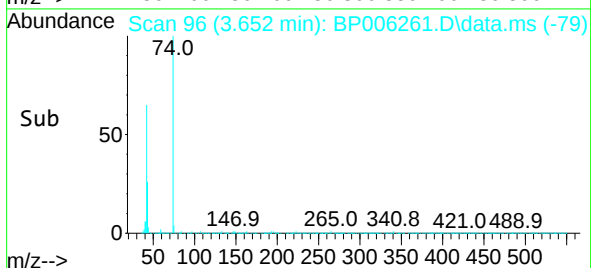
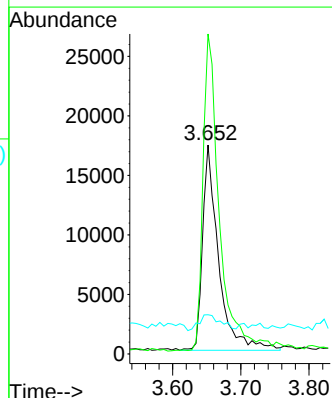
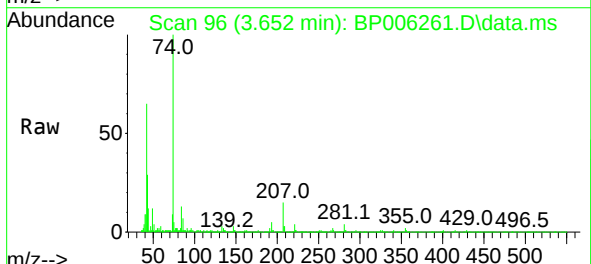
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

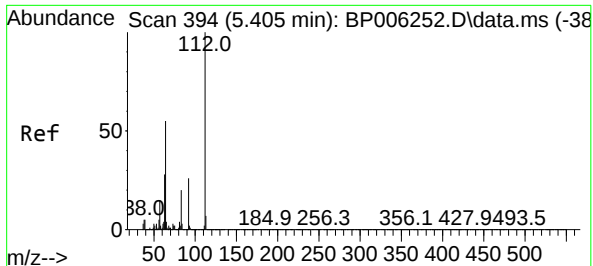
Tgt Ion: 79 Resp: 72576
Ion Ratio Lower Upper
79 100
52 56.4 41.7 62.5
51 30.9 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 4.222 ng
RT: 3.652 min Scan# 96
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 42 Resp: 28273
Ion Ratio Lower Upper
42 100
74 153.1 105.4 158.0
44 18.8 4.2 6.4

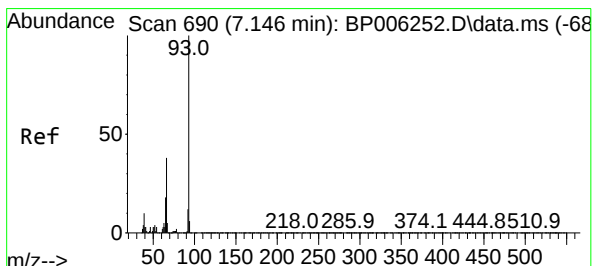
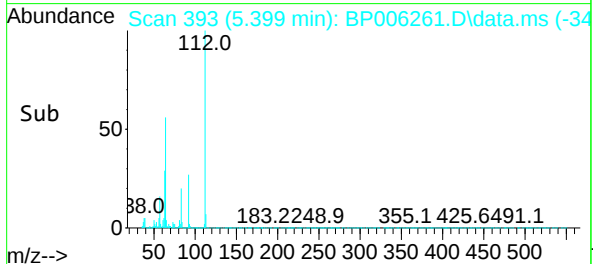
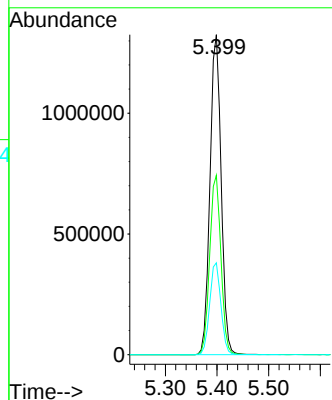
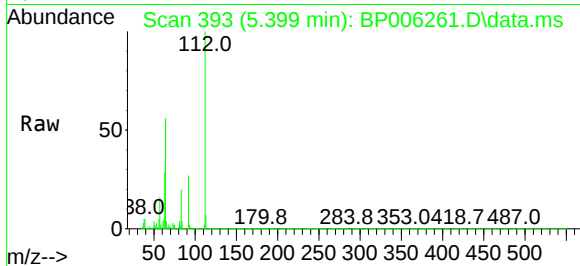




#5
2-Fluorophenol
Concen: 117.125 ng
RT: 5.399 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

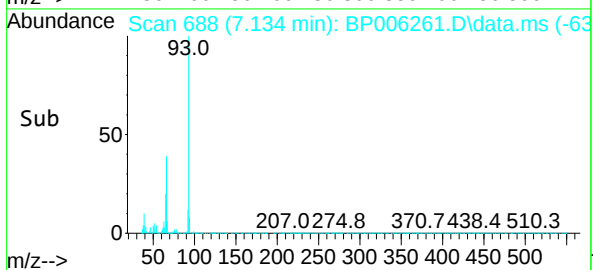
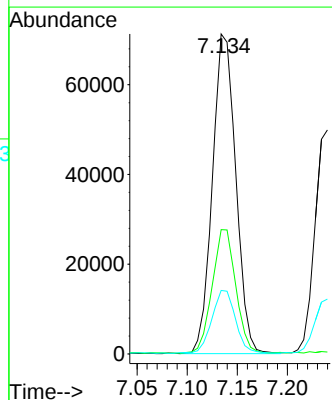
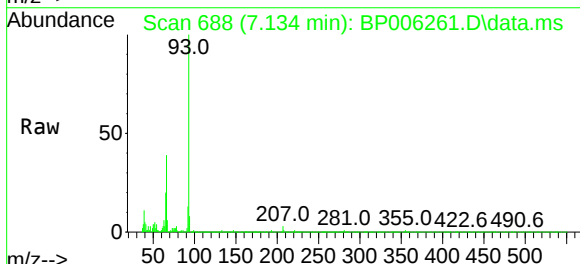
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ClientSampleId :
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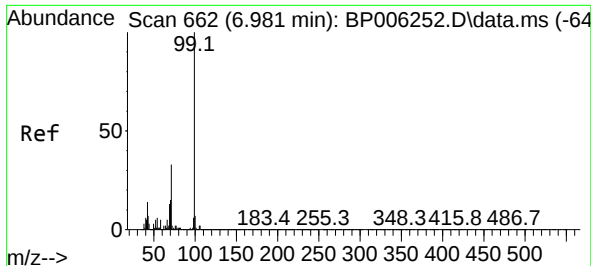
Tgt Ion:112 Resp: 1987064
Ion Ratio Lower Upper
112 100
64 56.1 41.4 62.2
63 28.7 23.8 35.8



#6
Aniline
Concen: 4.504 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

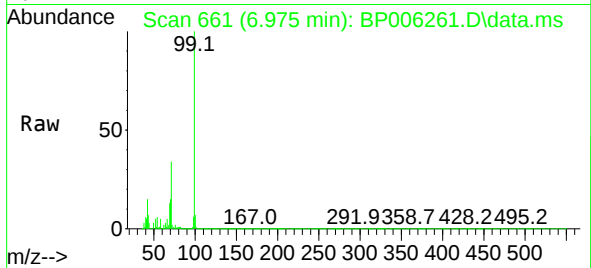
Tgt Ion: 93 Resp: 115663
Ion Ratio Lower Upper
93 100
66 38.8 29.7 44.5
65 19.8 15.3 22.9





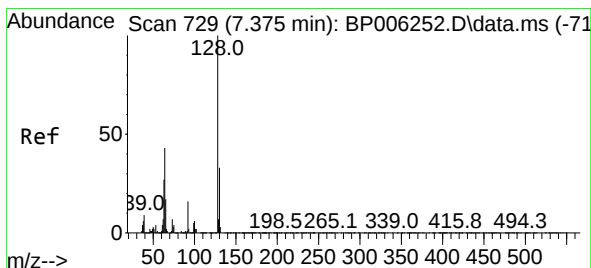
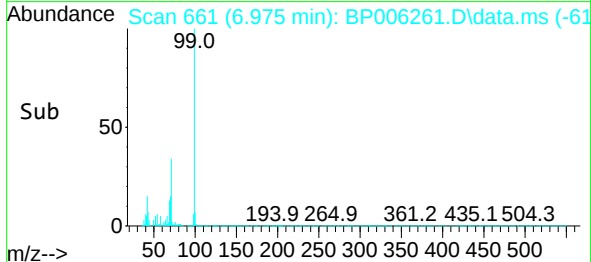
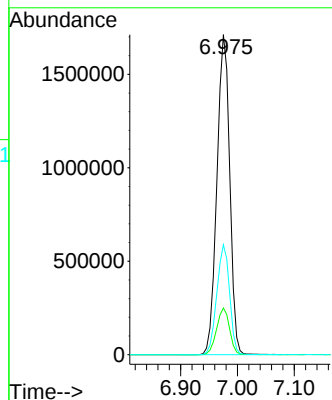
#7
Phenol-d6
Concen: 115.199 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 99 Resp: 2672005

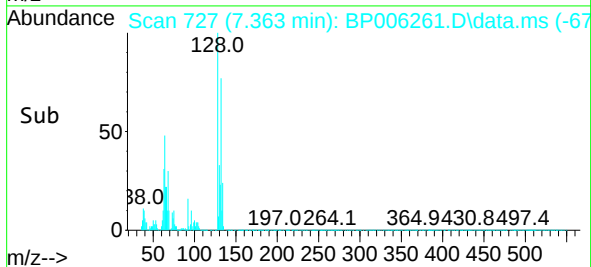
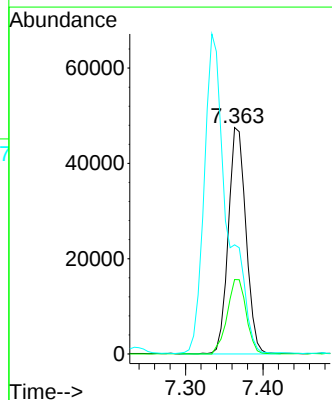
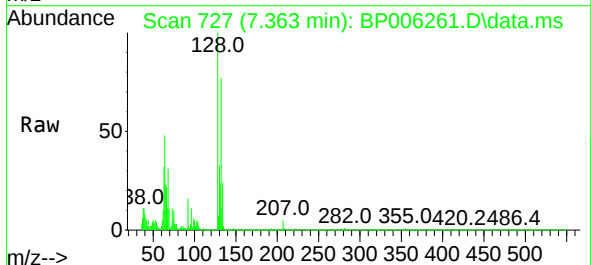
Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.4	20.0
71	34.4	30.6	46.0

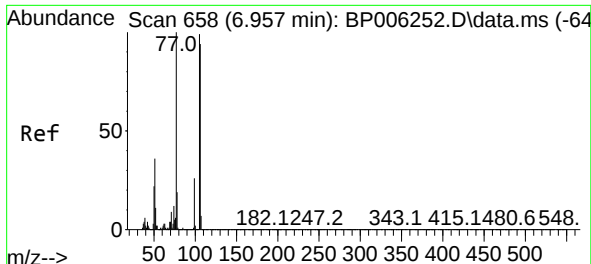


#8
2-Chlorophenol
Concen: 4.018 ng
RT: 7.363 min Scan# 727
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 128 Resp: 75276

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	48.2	20.3	60.3

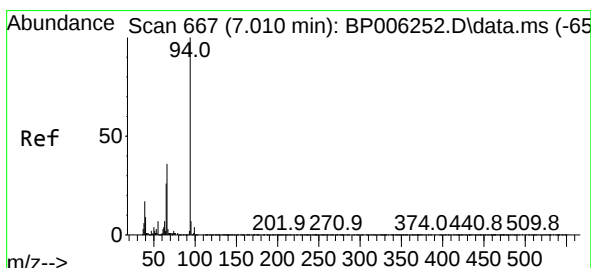
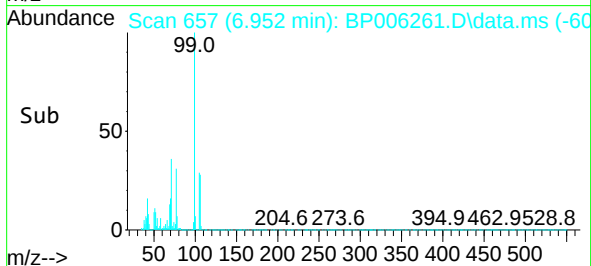
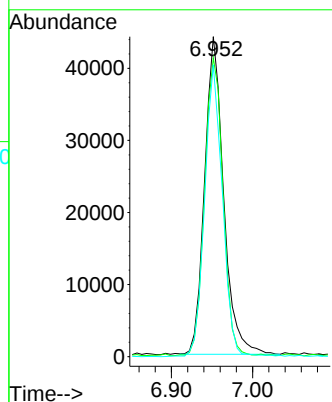
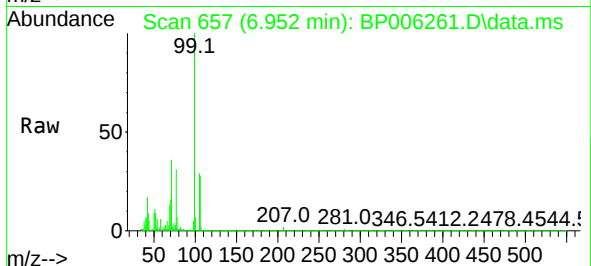




#9
Benzaldehyde
Concen: 5.381 ng
RT: 6.952 min Scan# 657
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

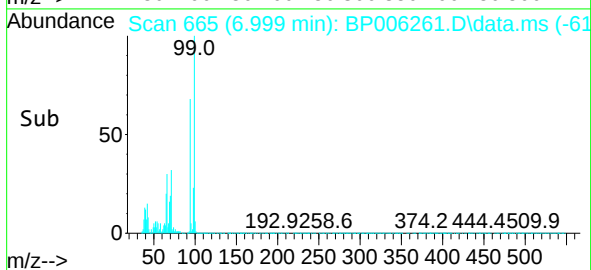
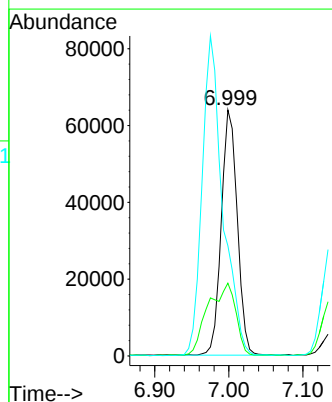
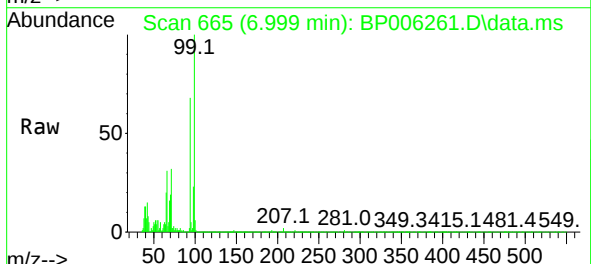
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

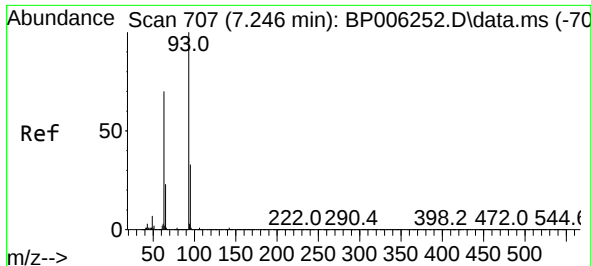
Tgt Ion: 77 Resp: 71864
Ion Ratio Lower Upper
77 100
105 93.4 76.7 116.7
106 91.2 76.2 116.2



#10
Phenol
Concen: 4.167 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 94 Resp: 95882
Ion Ratio Lower Upper
94 100
65 29.6 8.8 48.8
66 44.8 20.7 60.7

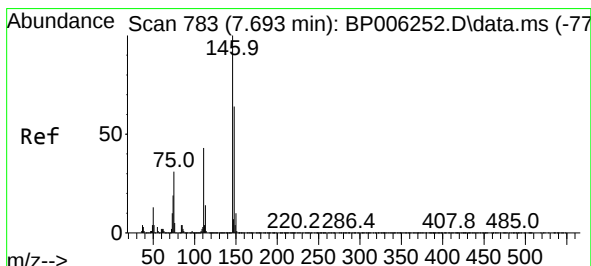
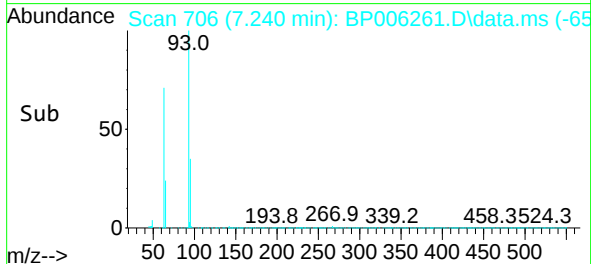
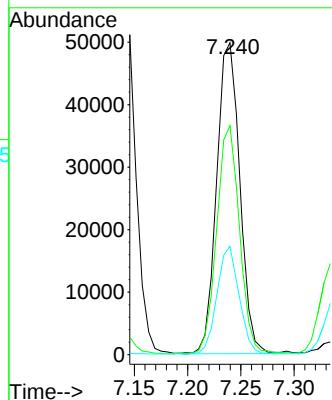
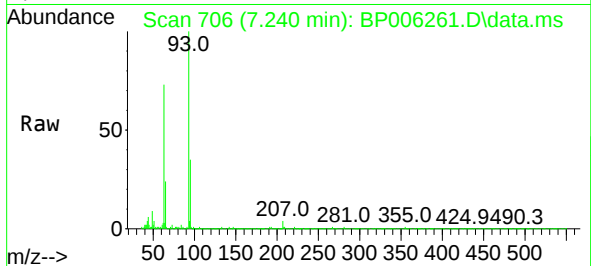




#11
bis(2-Chloroethyl)ether
Concen: 4.216 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

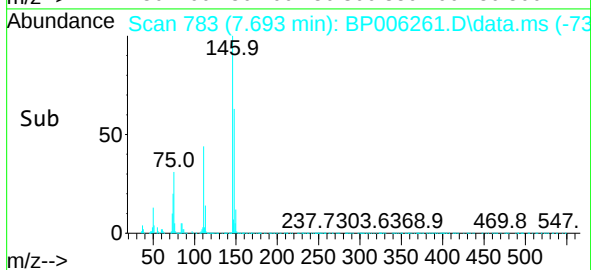
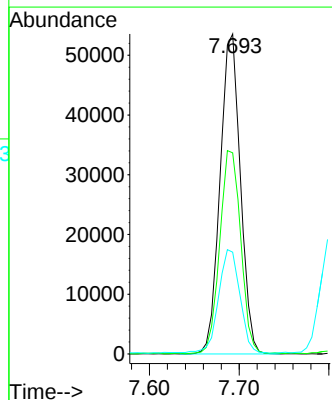
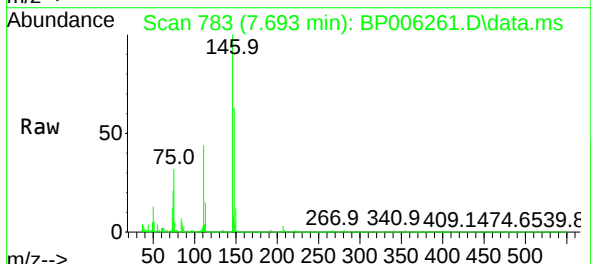
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

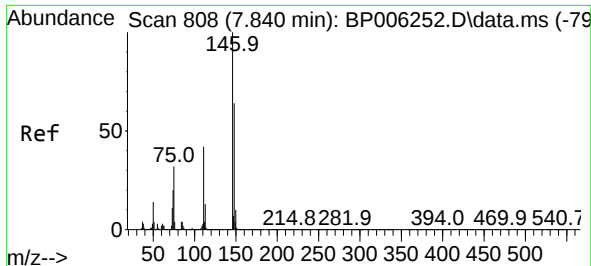
Tgt Ion: 93 Resp: 75135
Ion Ratio Lower Upper
93 100
63 73.4 46.2 86.2
95 34.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 4.104 ng
RT: 7.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:146 Resp: 84235
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
75 31.8 25.7 38.5

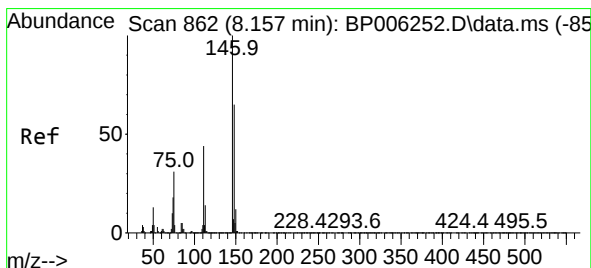
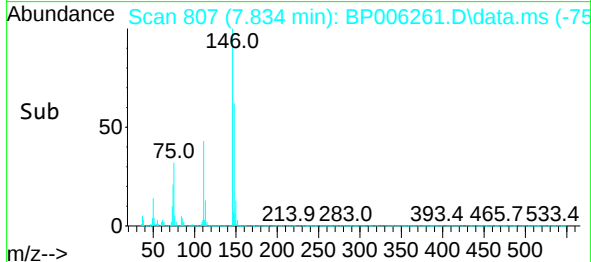
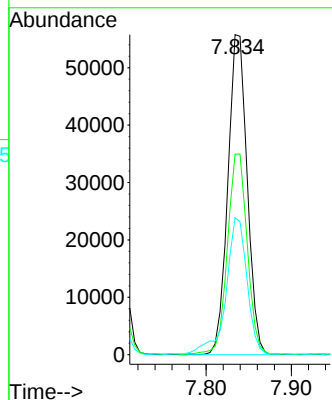
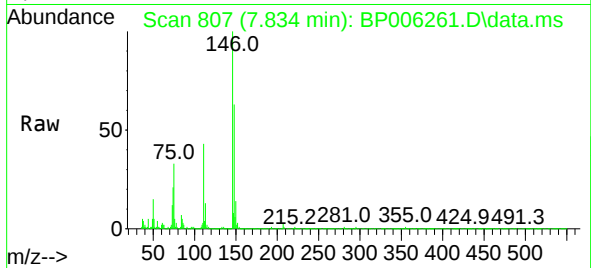




#13
1,4-Dichlorobenzene
Concen: 4.217 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

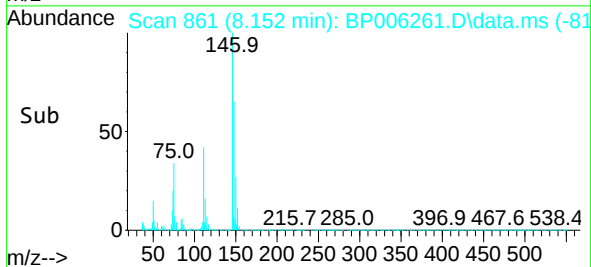
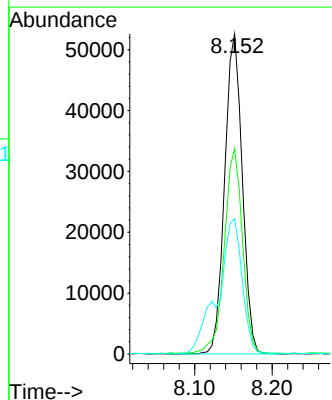
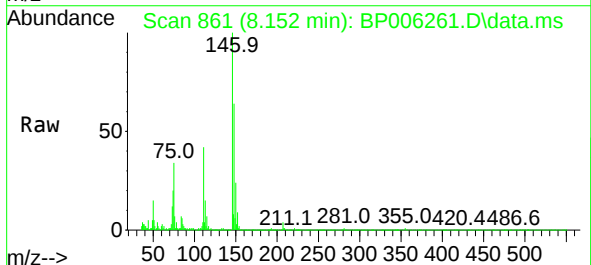
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

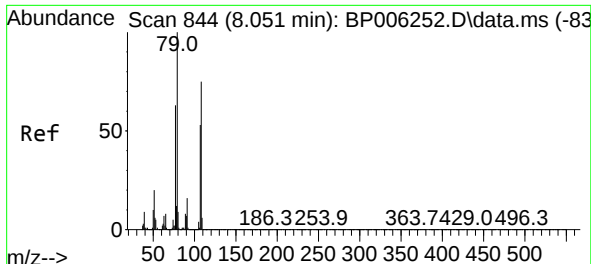
Tgt Ion:146 Resp: 87731
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
111 42.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 4.167 ng
RT: 8.152 min Scan# 861
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:146 Resp: 83036
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 42.2 33.7 50.5

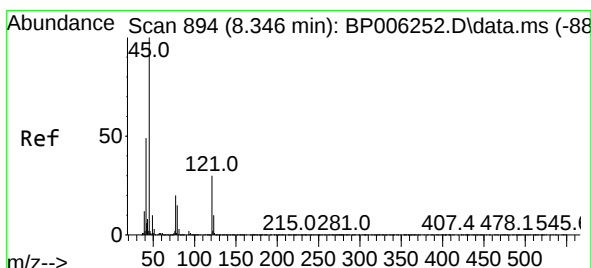
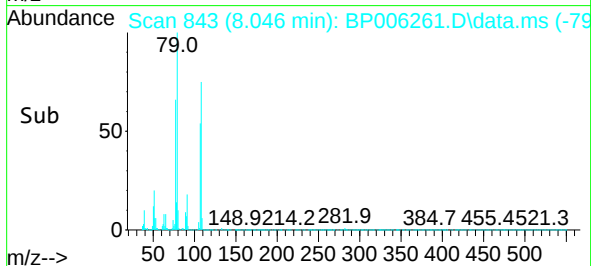
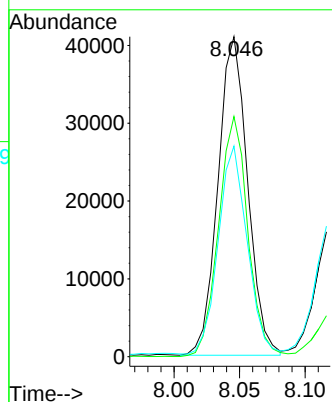
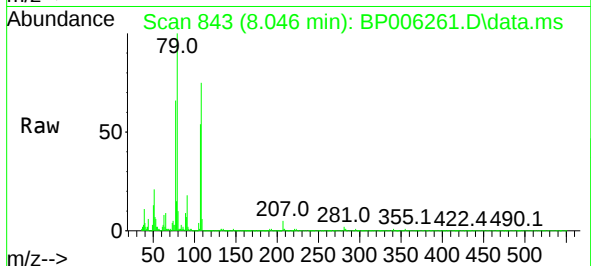




#15
Benzyl Alcohol
Concen: 3.854 ng
RT: 8.046 min Scan# 843
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

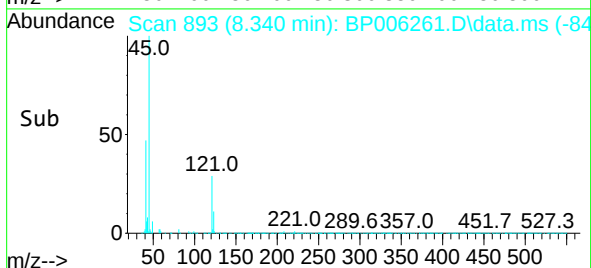
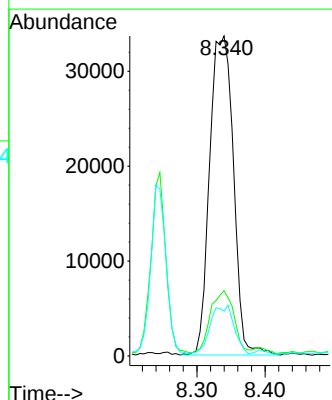
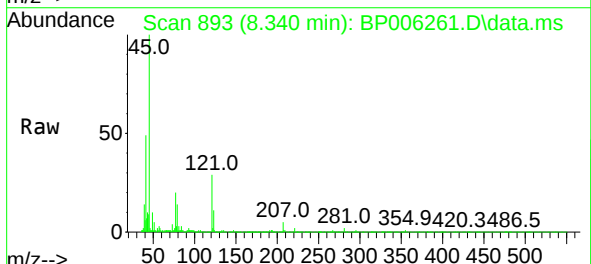
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

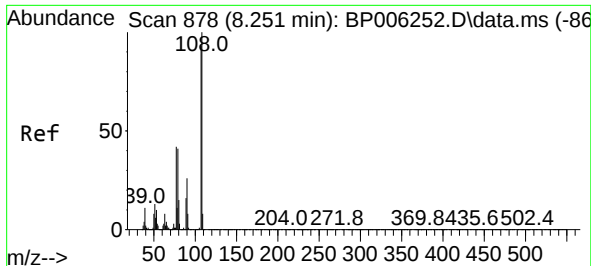
Tgt Ion:	79	Resp:	64358
Ion	Ratio	Lower	Upper
79	100		
108	75.0	62.5	93.7
77	65.8	52.9	79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.552 ng
RT: 8.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:	45	Resp:	81735
Ion	Ratio	Lower	Upper
45	100		
77	20.4	2.0	42.0
79	14.0	0.0	36.7

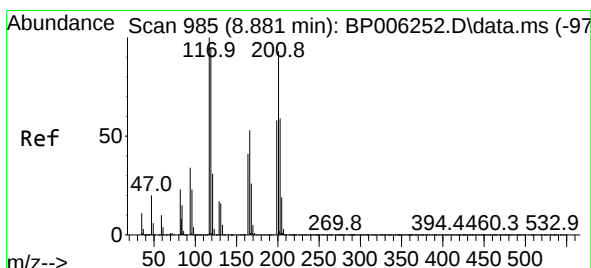
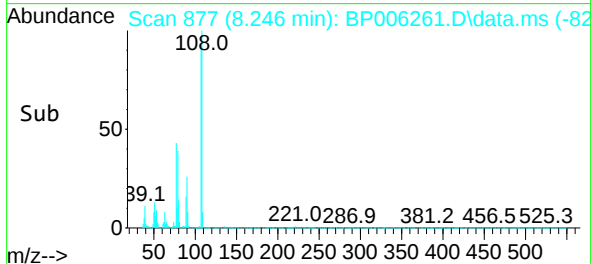
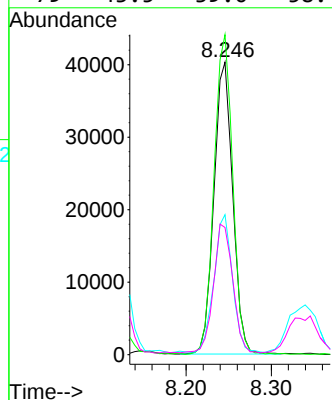
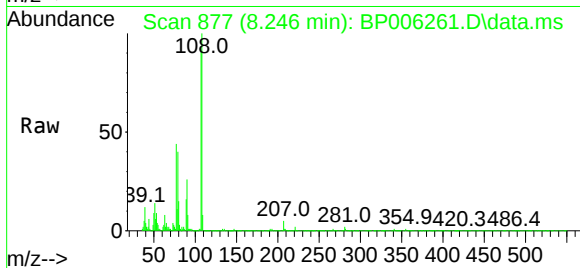




#17
2-Methylphenol
Concen: 4.044 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

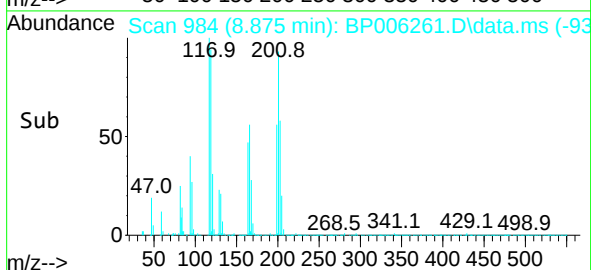
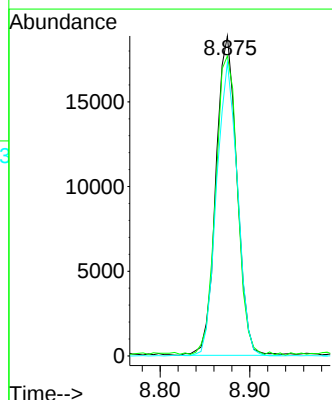
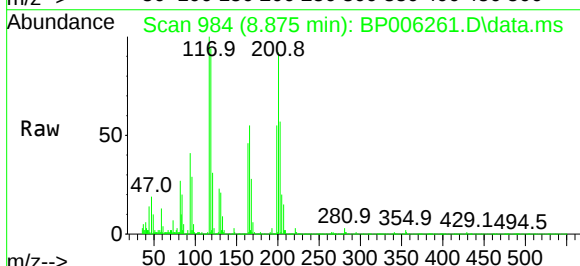
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

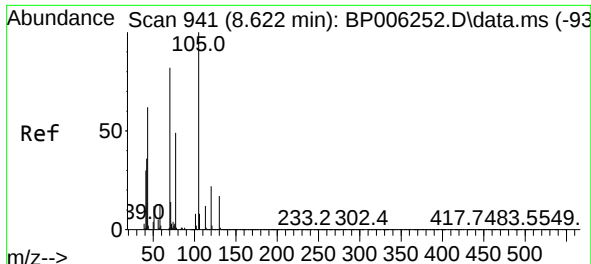
Tgt Ion:	107	Resp:	61728
Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.7	131.5
77	47.9	40.2	60.2
79	43.5	39.0	58.4



#18
Hexachloroethane
Concen: 4.150 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

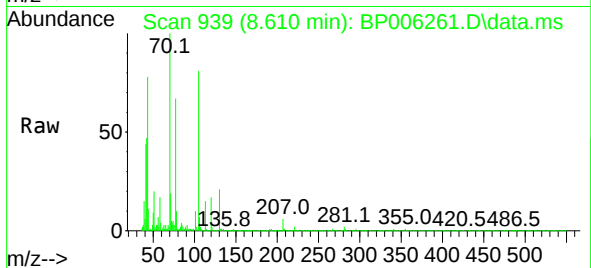
Tgt Ion:	117	Resp:	30698
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.2	114.2
201	91.7	83.4	125.0



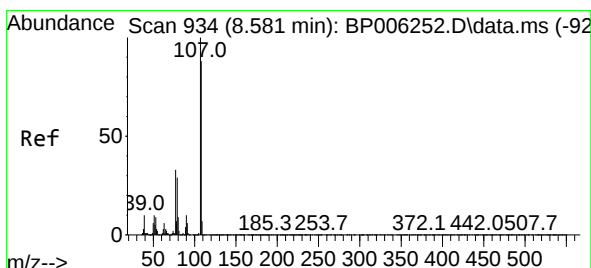
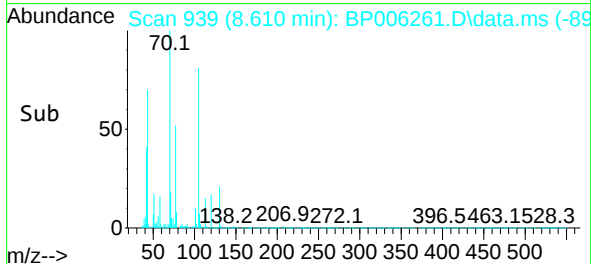
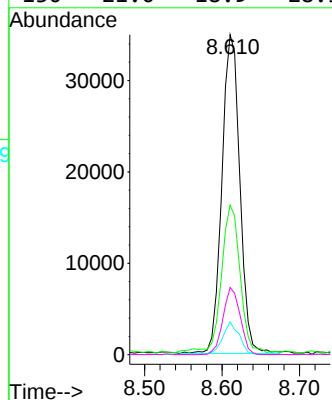


#19
n-Nitroso-di-n-propylamine
Concen: 3.947 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

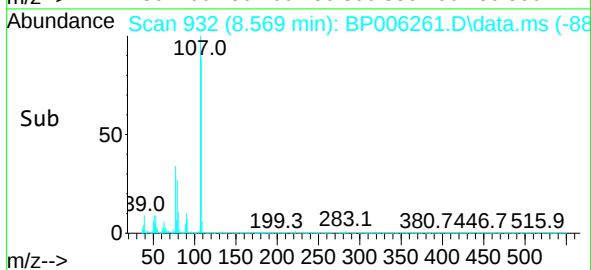
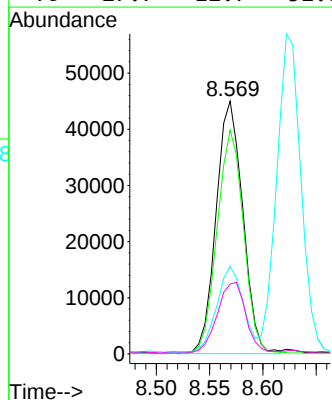
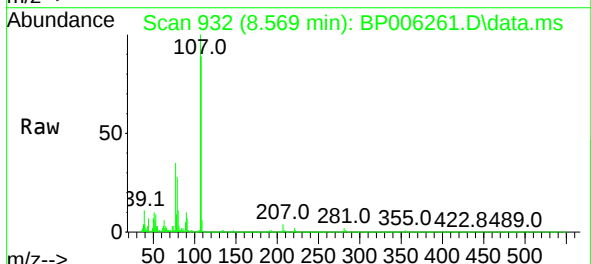


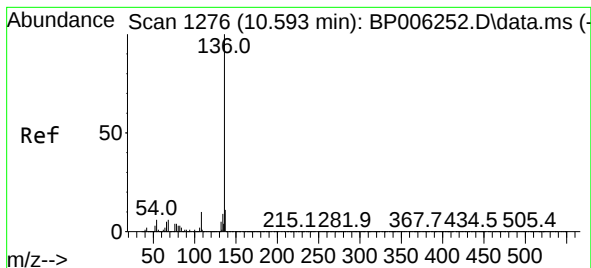
Tgt Ion:	70	Resp:	56087
Ion	Ratio	Lower	Upper
70	100		
42	46.8	40.8	61.2
101	10.2	8.8	13.2
130	21.0	18.9	28.3



#20
3+4-Methylphenols
Concen: 3.805 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:	107	Resp:	78221
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.0	111.0
77	34.6	16.6	56.6
79	27.7	12.7	52.7

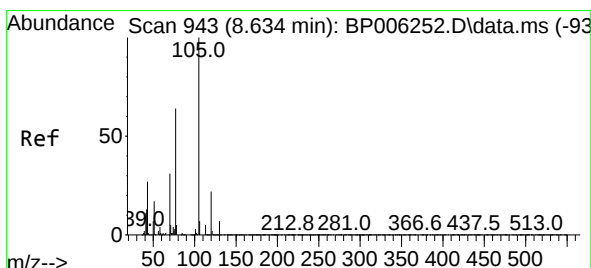
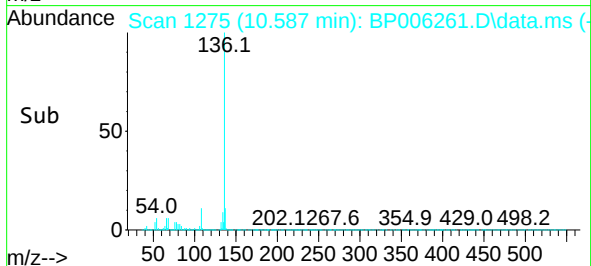
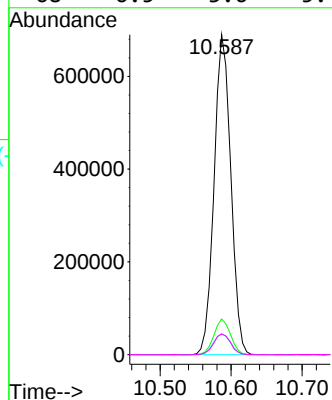
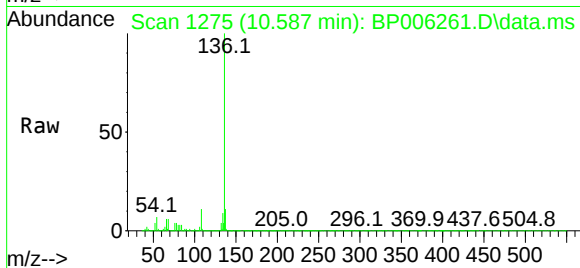




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

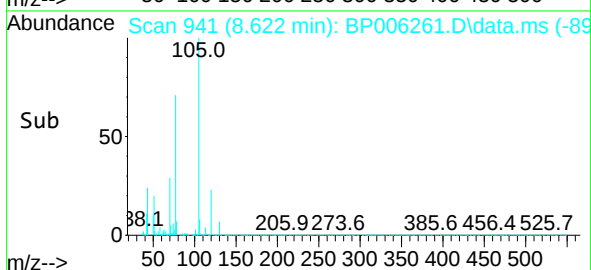
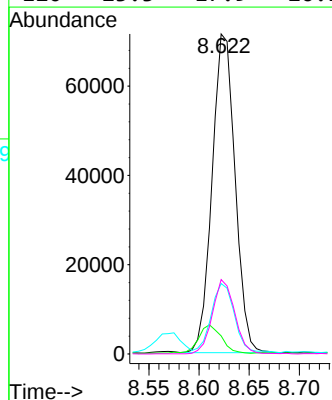
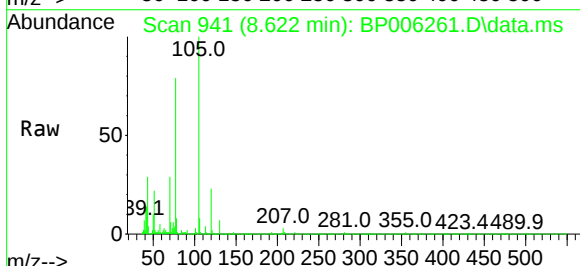
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

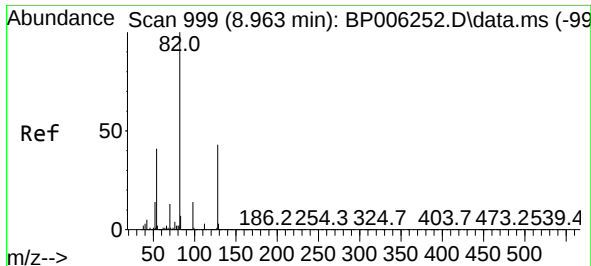
Tgt Ion:136 Resp: 1125444
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.5 4.6 6.8
68 6.5 3.6 5.4#



#22
Acetophenone
Concen: 4.189 ng
RT: 8.622 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:105 Resp: 113783
Ion Ratio Lower Upper
105 100
71 5.6 1.9 2.9#
51 22.0 18.4 27.6
120 23.3 17.9 26.9

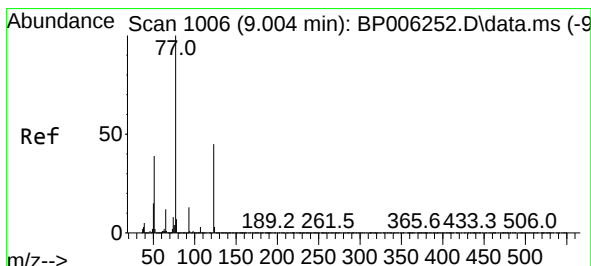
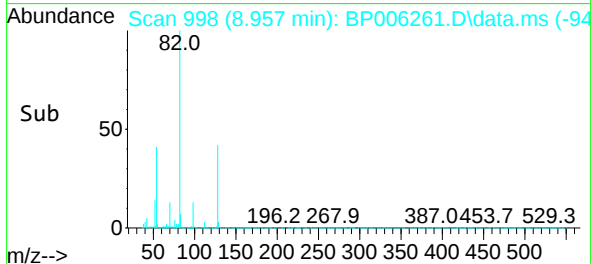
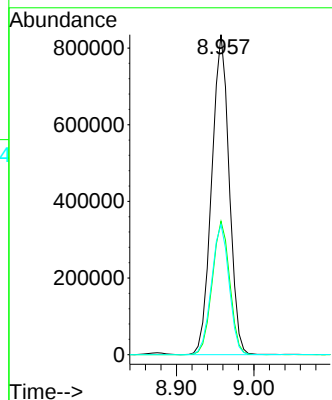
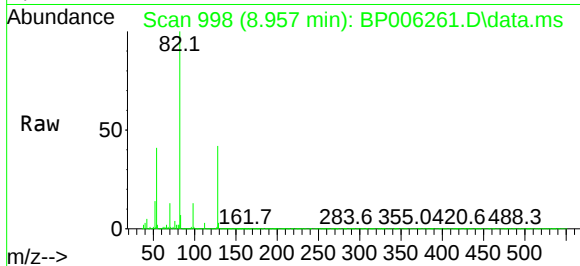




#23
Nitrobenzene-d5
Concen: 70.083 ng
RT: 8.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

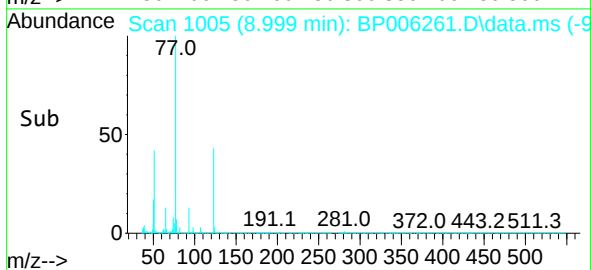
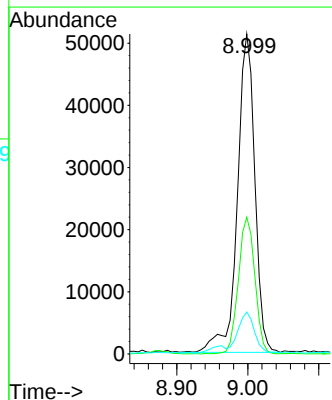
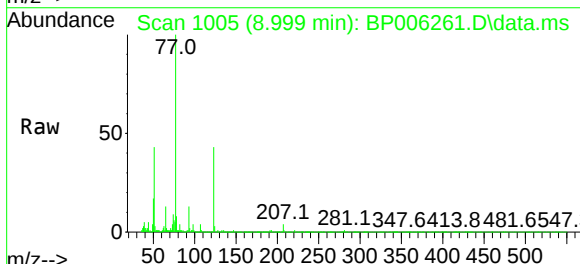
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

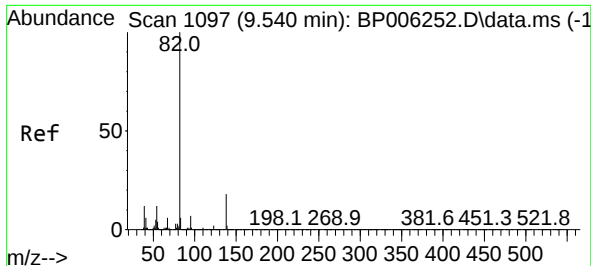
Tgt Ion: 82 Resp: 1309833
Ion Ratio Lower Upper
82 100
128 41.7 35.7 53.5
54 40.7 35.0 52.4



#24
Nitrobenzene
Concen: 4.417 ng
RT: 8.999 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 77 Resp: 87760
Ion Ratio Lower Upper
77 100
123 42.7 38.2 57.2
65 13.1 11.4 17.2

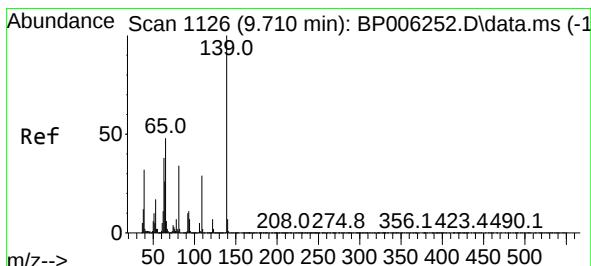
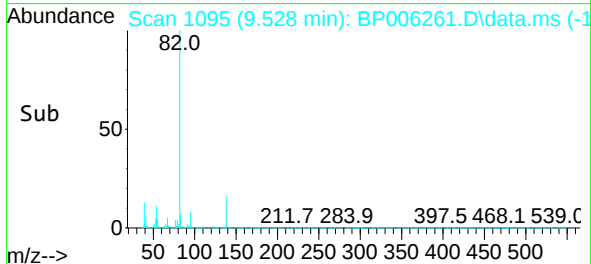
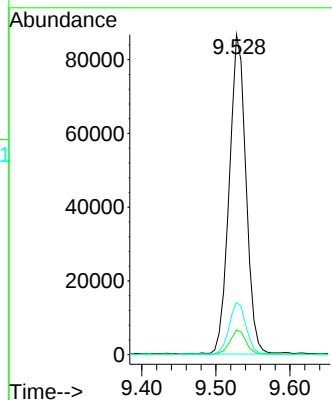
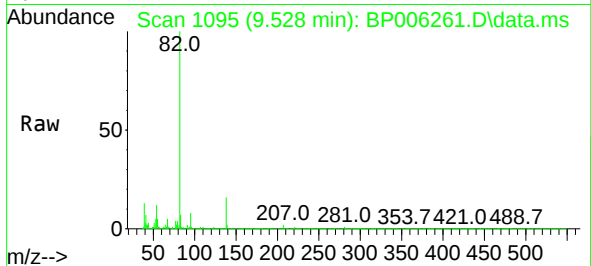




#25
Isophorone
Concen: 3.557 ng
RT: 9.528 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

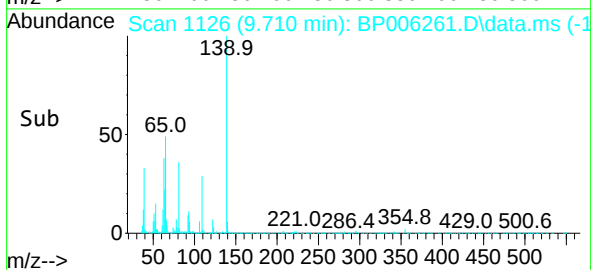
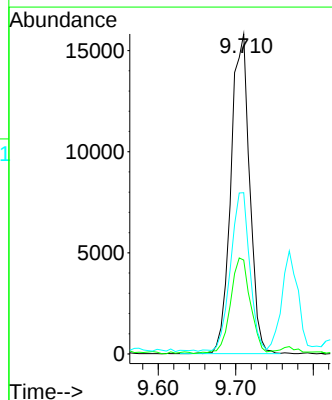
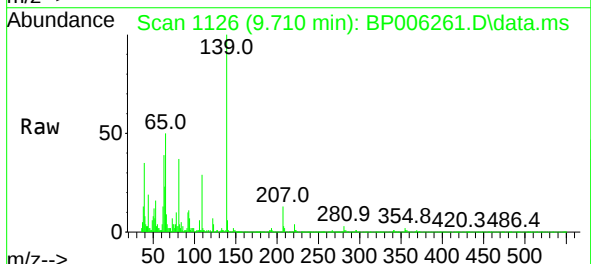
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

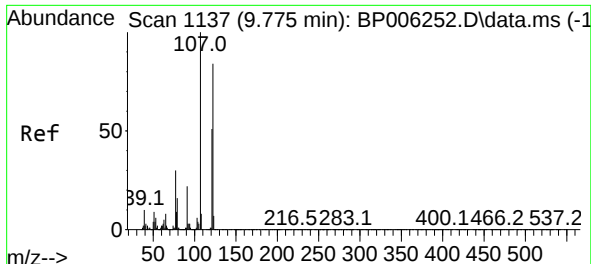
Tgt Ion: 82 Resp: 135618
Ion Ratio Lower Upper
82 100
95 7.7 6.5 9.7
138 16.3 15.0 22.4



#26
2-Nitrophenol
Concen: 3.553 ng
RT: 9.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 139 Resp: 26521
Ion Ratio Lower Upper
139 100
109 29.3 28.8 43.2
65 50.4 41.0 61.6

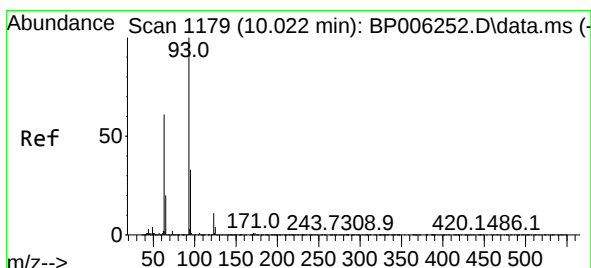
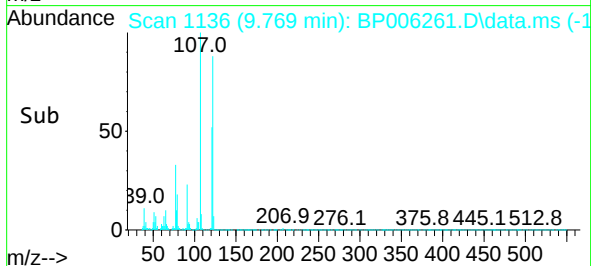
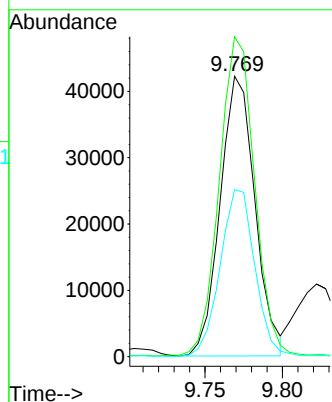
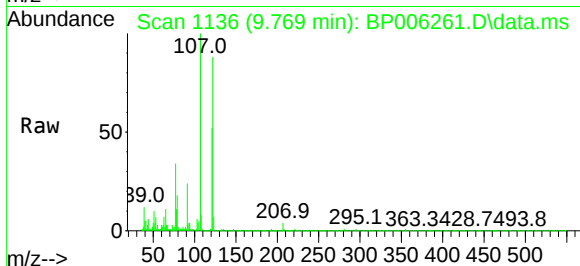




#27
2,4-Dimethylphenol
Concen: 4.376 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

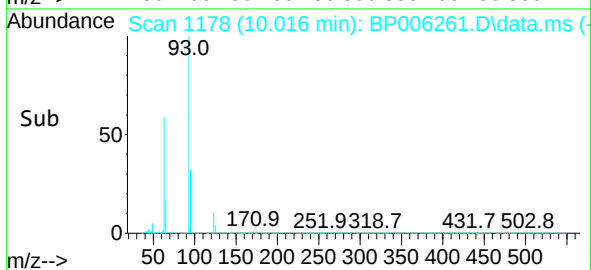
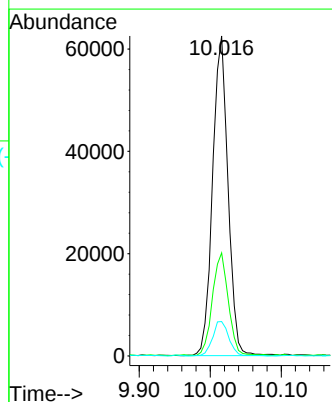
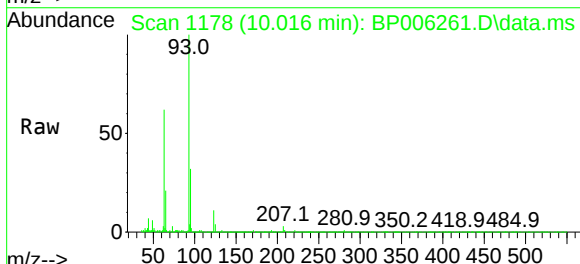
Instrument :
BNA_P
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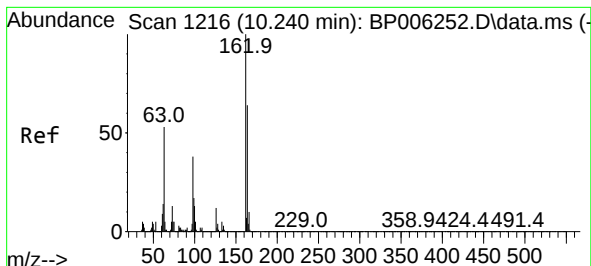
Tgt Ion:122 Resp: 66019
Ion Ratio Lower Upper
122 100
107 114.1 94.5 141.7
121 59.6 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 4.380 ng
RT: 10.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 93 Resp: 94272
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 10.8 10.2 15.2

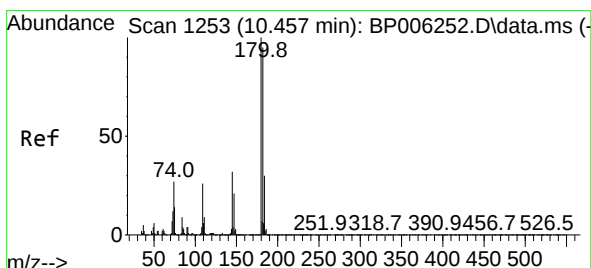
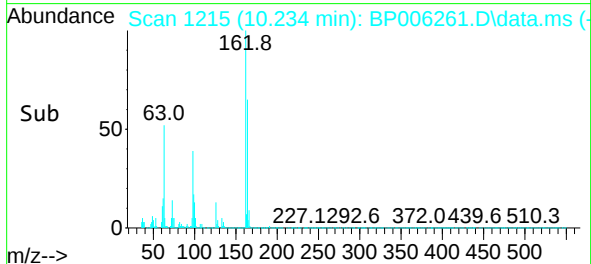
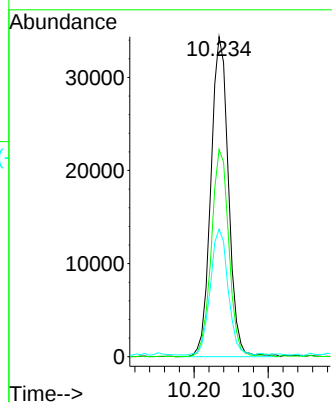
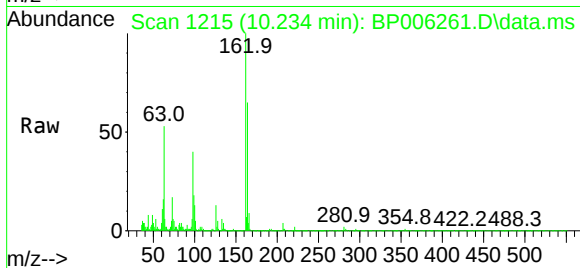




#29
2,4-Dichlorophenol
Concen: 3.639 ng
RT: 10.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

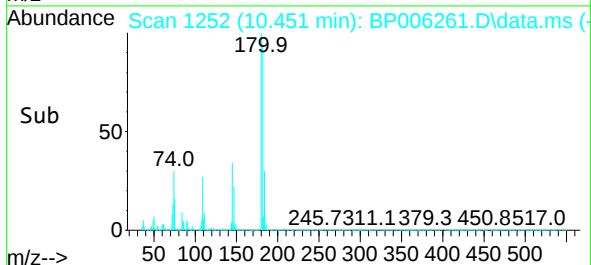
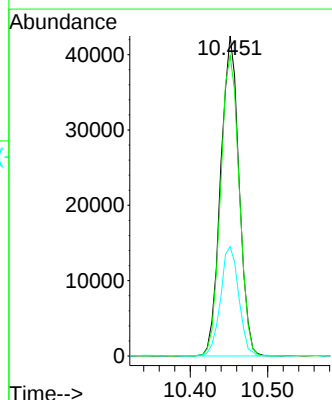
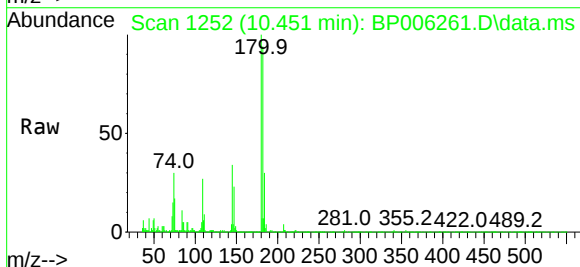
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

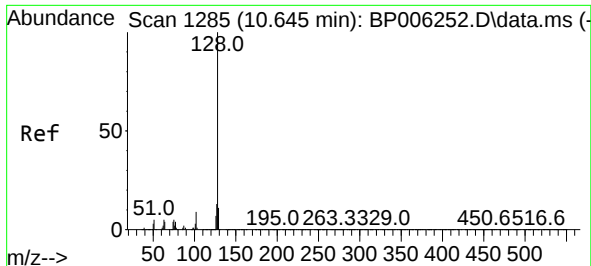
Tgt Ion:162 Resp: 56671
Ion Ratio Lower Upper
162 100
164 64.7 44.9 84.9
98 39.8 14.3 54.3



#30
1,2,4-Trichlorobenzene
Concen: 3.967 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:180 Resp: 69853
Ion Ratio Lower Upper
180 100
182 93.9 77.9 116.9
145 34.2 24.7 37.1

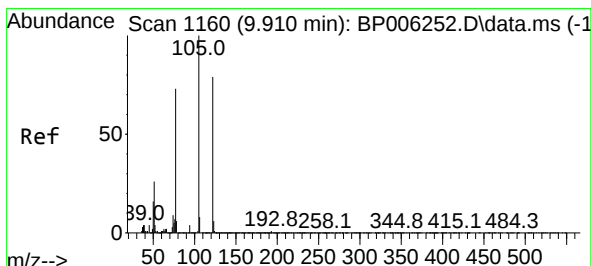
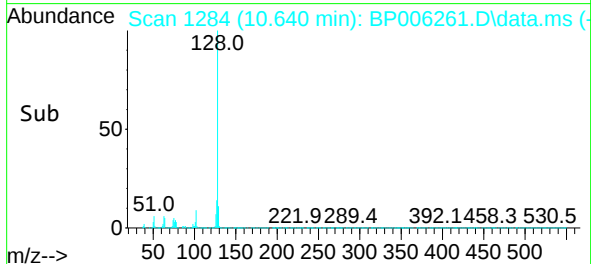
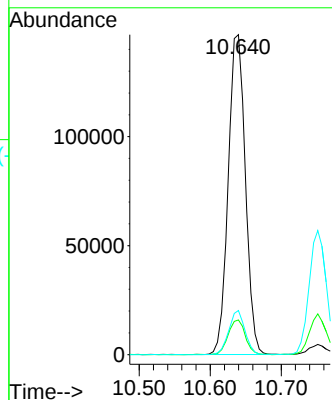
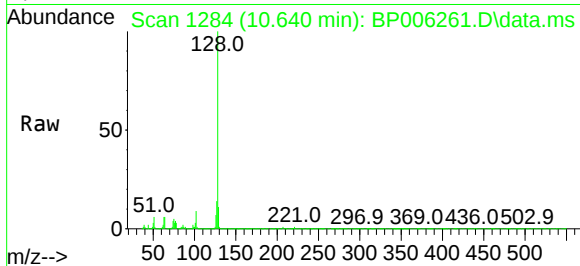




#31
Naphthalene
Concen: 4.165 ng
RT: 10.640 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

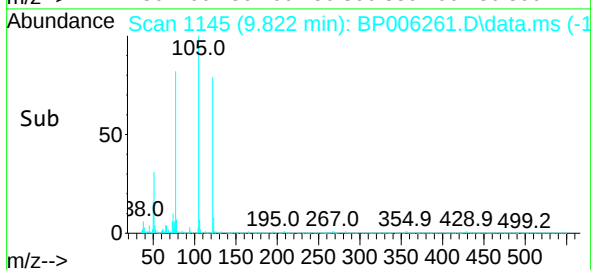
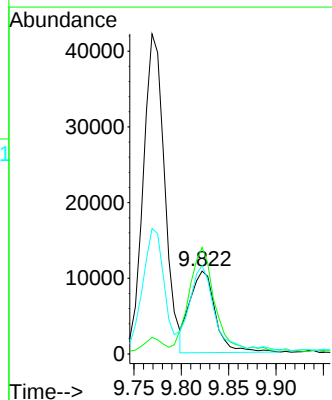
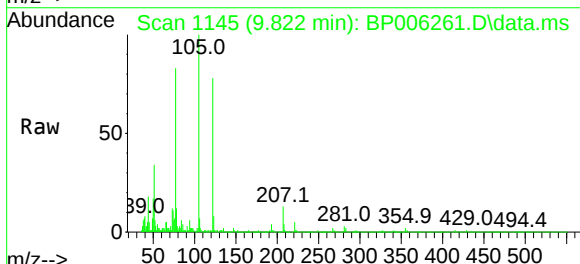
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

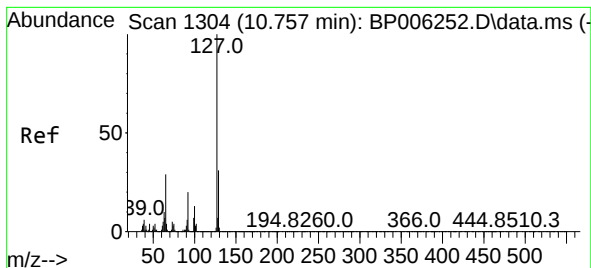
Tgt Ion:128 Resp: 246064
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 2.158 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.088 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:122 Resp: 20205
Ion Ratio Lower Upper
122 100
105 128.5 103.2 143.2
77 106.4 76.2 116.2

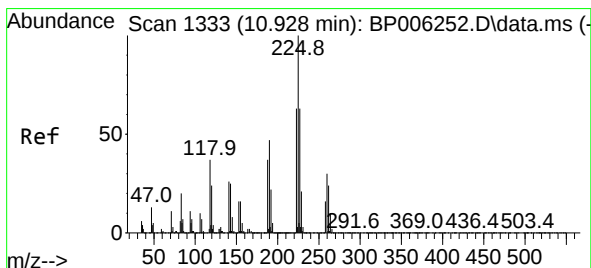
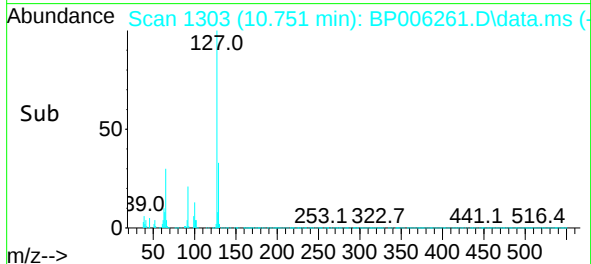
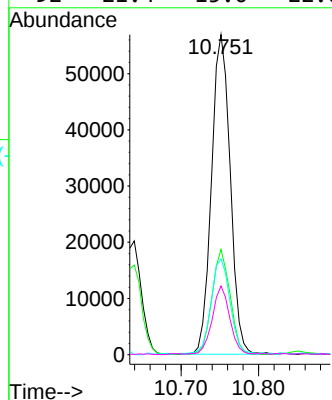
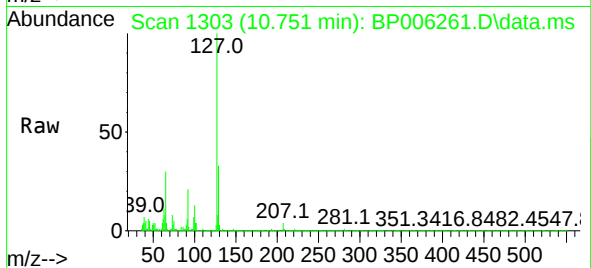




#33
4-Chloroaniline
Concen: 3.970 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

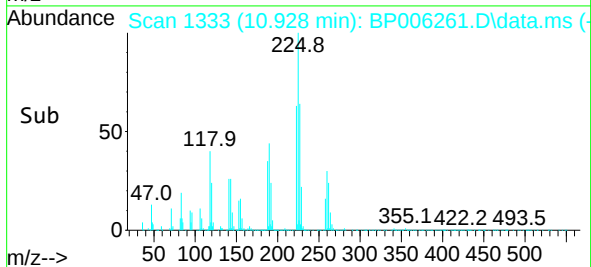
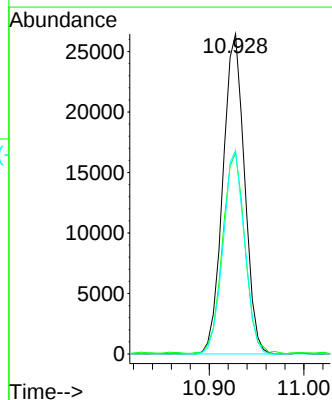
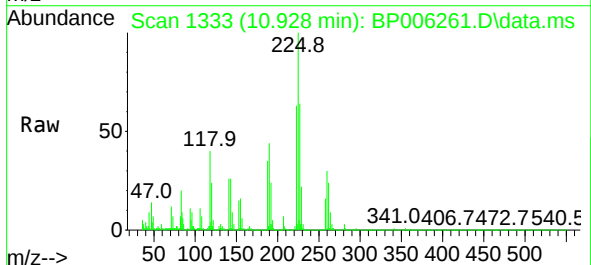
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

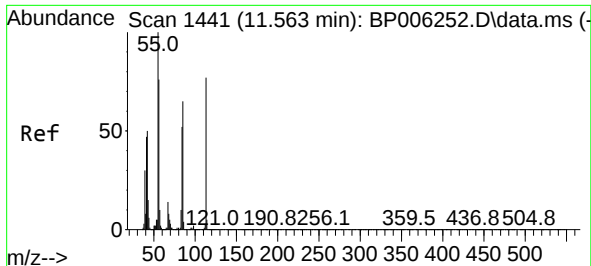
Tgt Ion:	127	Resp:	95465
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.1	39.1
65	29.9	22.5	33.7
92	21.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 4.014 ng
RT: 10.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:	225	Resp:	41908
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.6
227	63.6	51.4	77.2

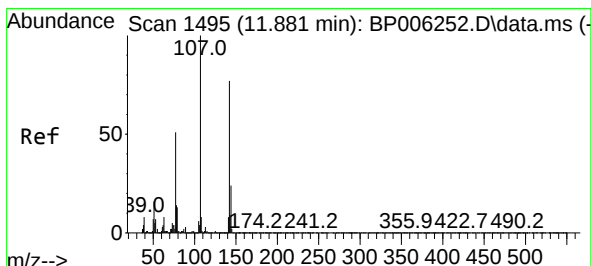
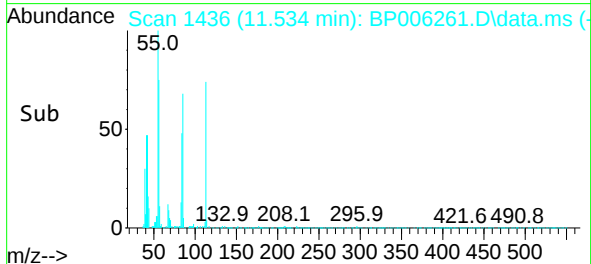
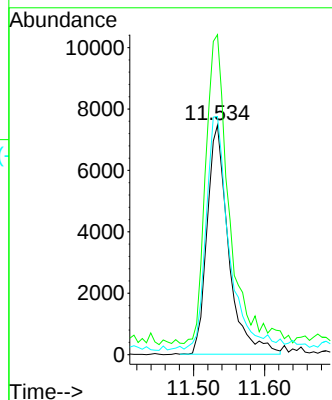
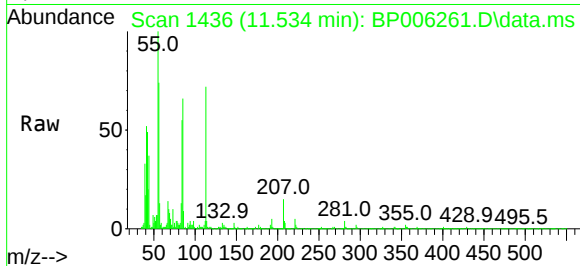




#35
Caprolactam
Concen: 3.357 ng
RT: 11.534 min Scan# 1436
Delta R.T. -0.029 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

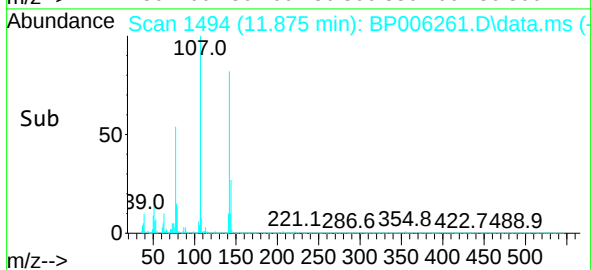
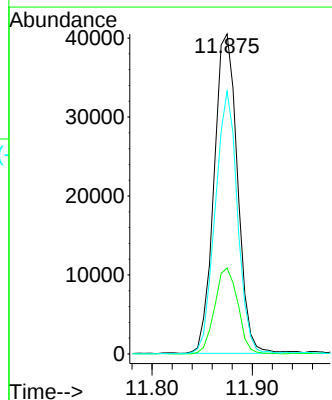
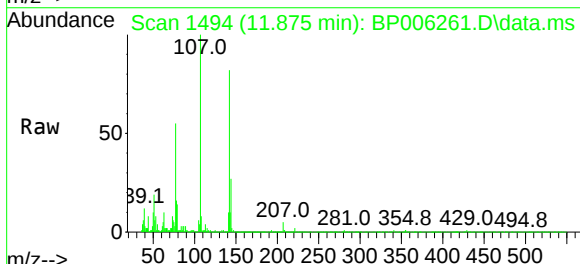
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

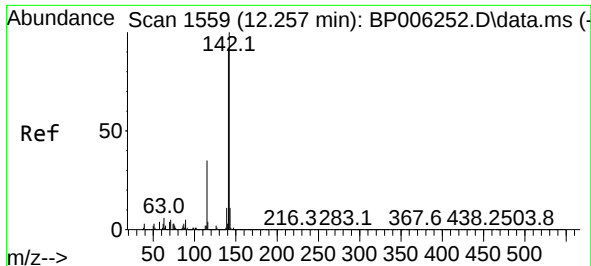
Tgt Ion:113 Resp: 15731
Ion Ratio Lower Upper
113 100
55 139.5 98.9 138.9#
56 103.8 71.7 111.7



#36
4-Chloro-3-methylphenol
Concen: 3.625 ng
RT: 11.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:107 Resp: 65706
Ion Ratio Lower Upper
107 100
144 26.8 21.1 31.7
142 82.2 66.0 99.0

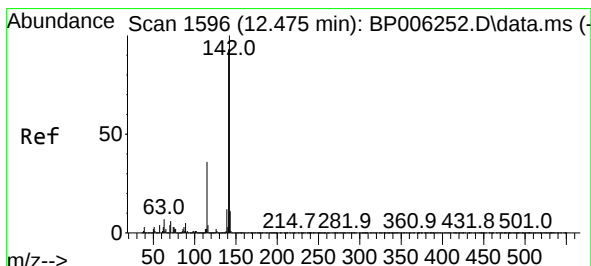
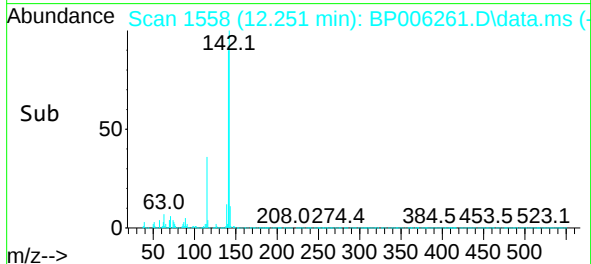
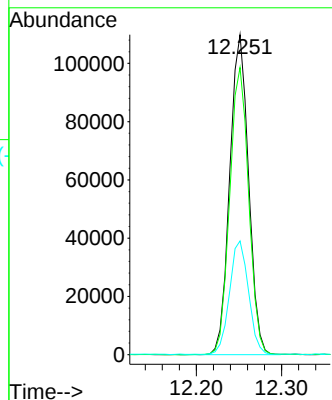
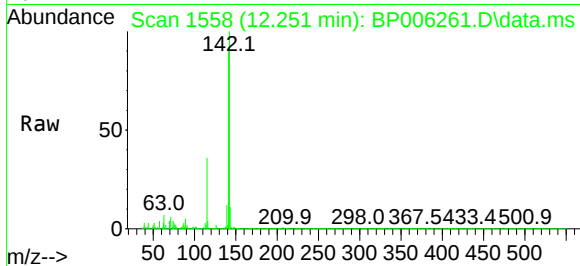




#37
2-Methylnaphthalene
Concen: 4.082 ng
RT: 12.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

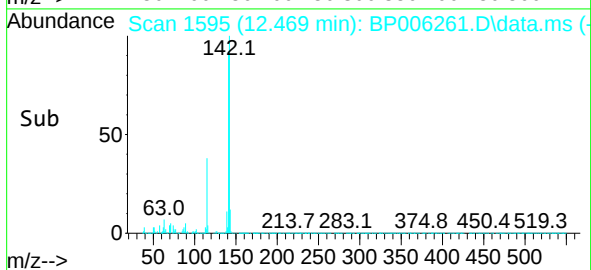
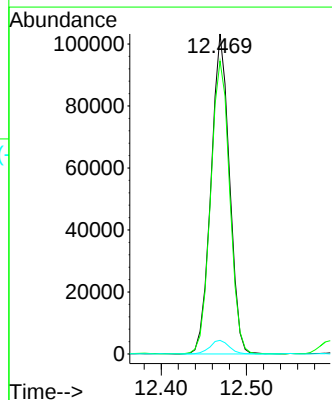
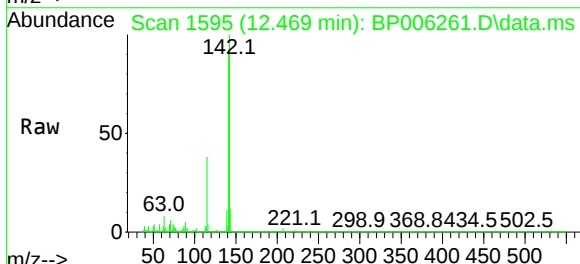
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

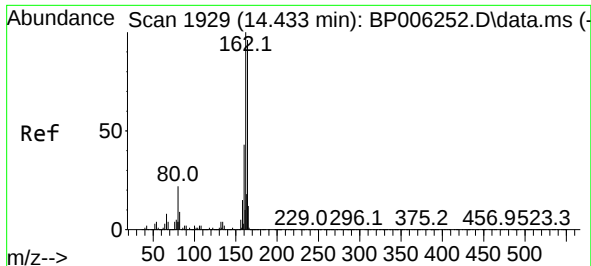
Tgt Ion:142 Resp: 168390
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6
115 35.5 31.6 47.4



#38
1-Methylnaphthalene
Concen: 3.971 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:142 Resp: 154927
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 4.2 3.5 5.3

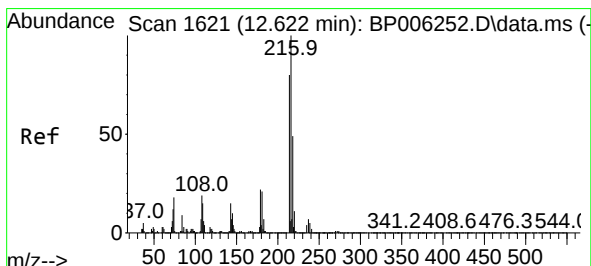
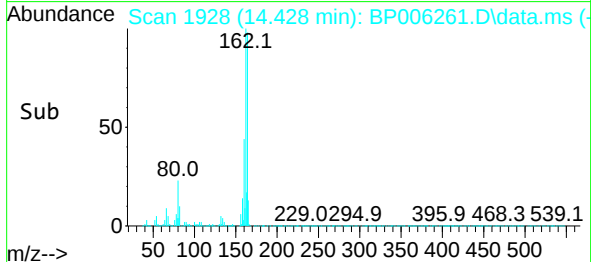
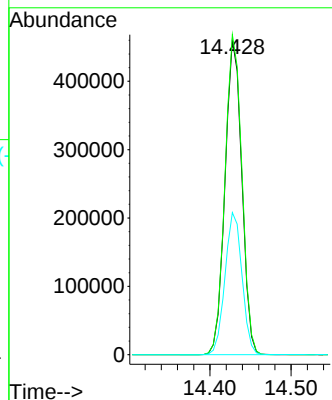
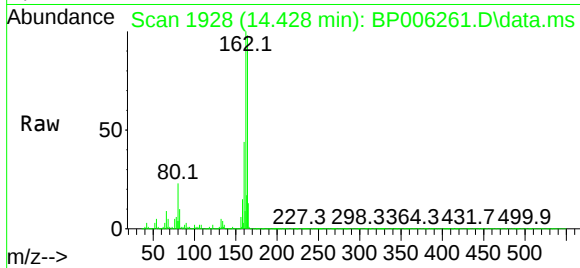




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

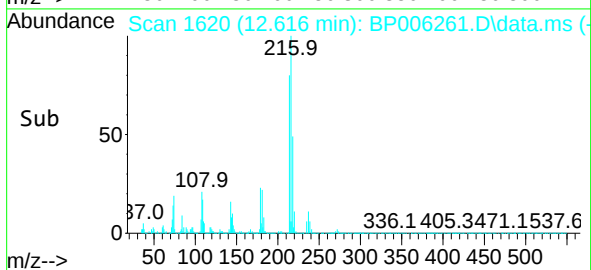
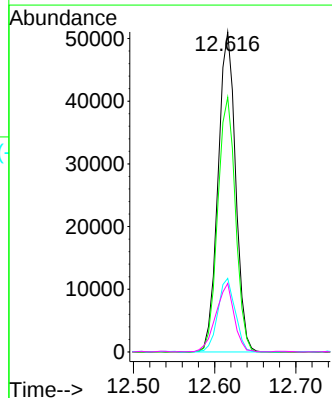
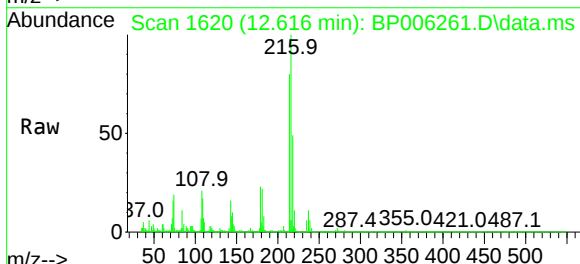
Instrument :
BNA_P
ClientSampleId :
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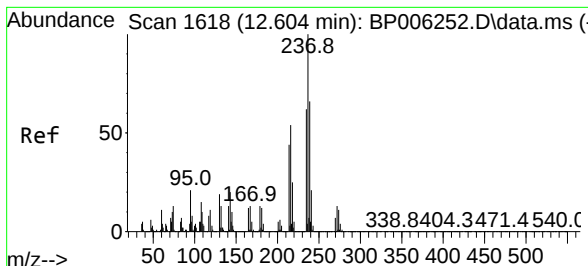
Tgt Ion:164 Resp: 661538
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 45.1 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.273 ng
RT: 12.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:216 Resp: 76568
Ion Ratio Lower Upper
216 100
214 80.4 61.9 92.9
179 22.5 16.8 25.2
108 22.3 14.9 22.3

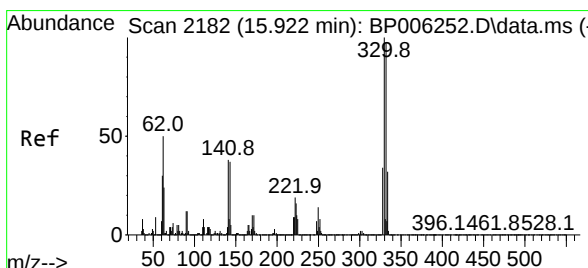
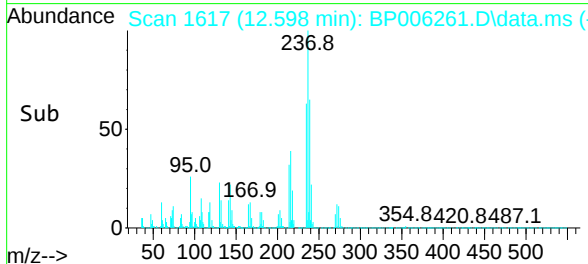
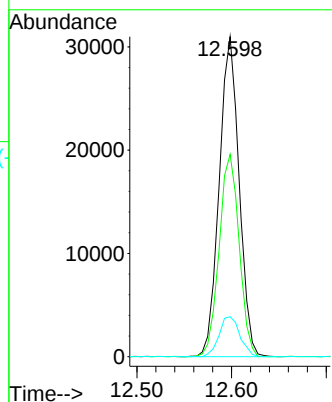
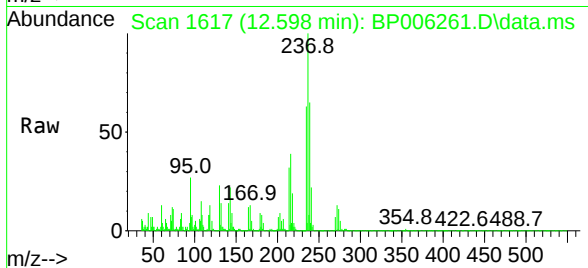




#41
Hexachlorocyclopentadiene
Concen: 4.611 ng
RT: 12.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

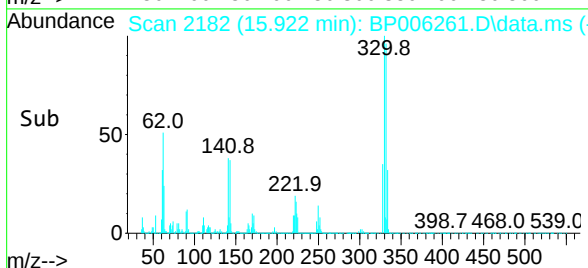
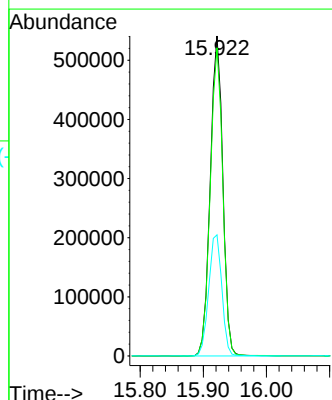
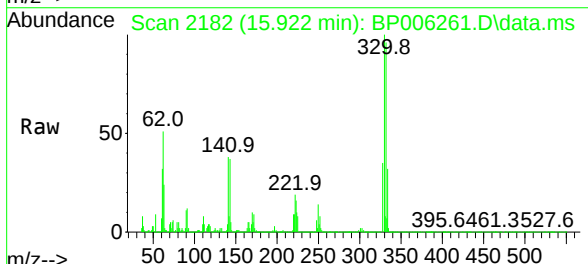
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

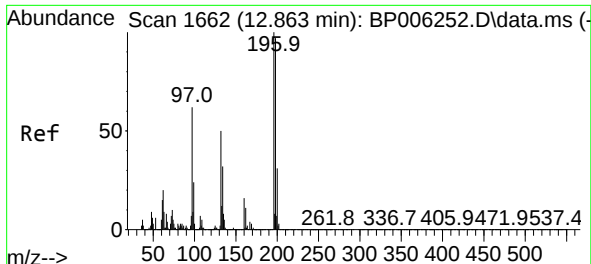
Tgt Ion: 237 Resp: 45240
Ion Ratio Lower Upper
237 100
235 63.3 44.5 84.5
272 12.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 109.456 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 330 Resp: 745340
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 39.6 25.4 38.2#

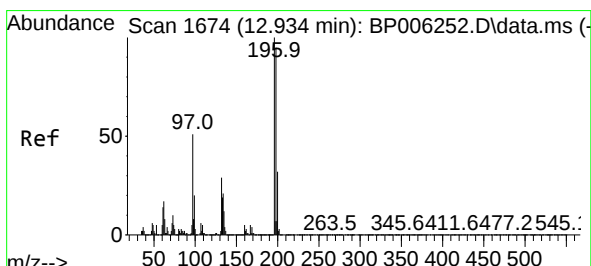
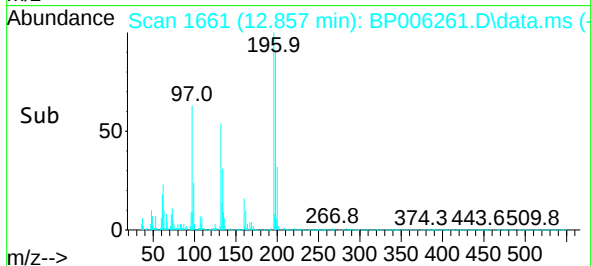
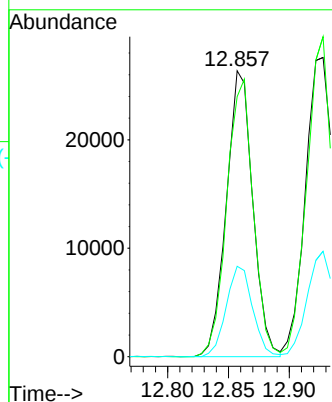
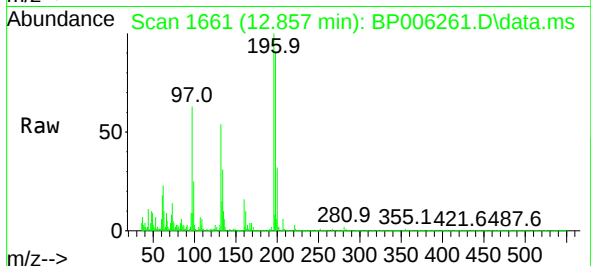




#43
2,4,6-Trichlorophenol
Concen: 3.551 ng
RT: 12.857 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

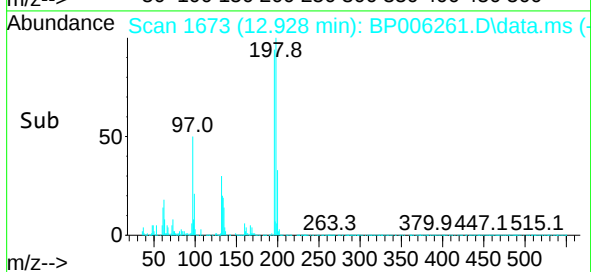
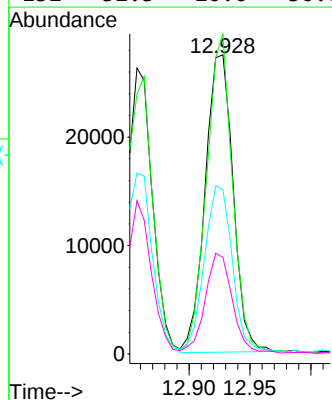
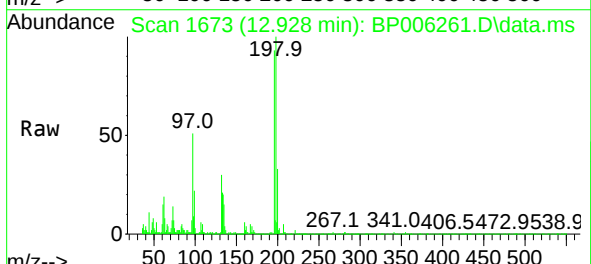
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

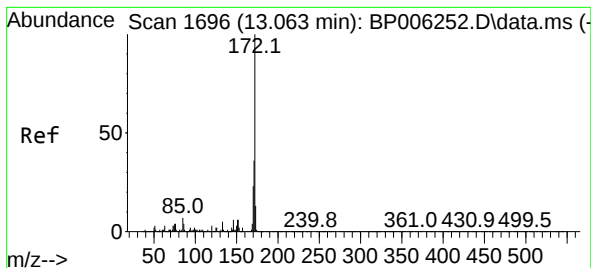
Tgt Ion:196 Resp: 39912
Ion Ratio Lower Upper
196 100
198 90.9 79.5 119.3
200 31.6 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 3.637 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:196 Resp: 43916
Ion Ratio Lower Upper
196 100
198 107.0 74.7 112.1
97 54.9 37.4 56.0
132 32.3 20.0 30.0#

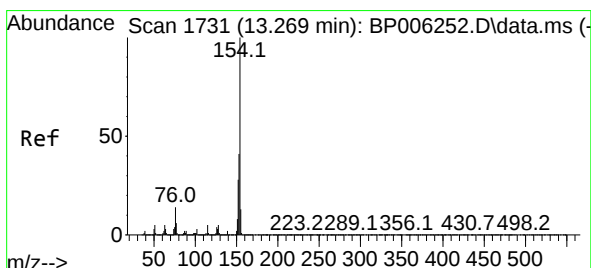
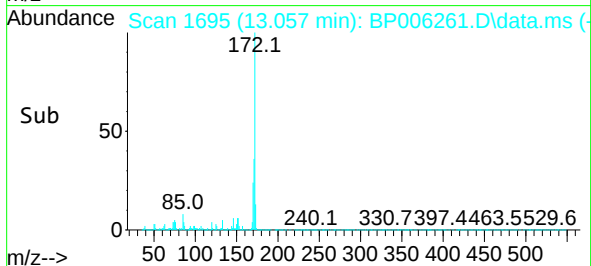
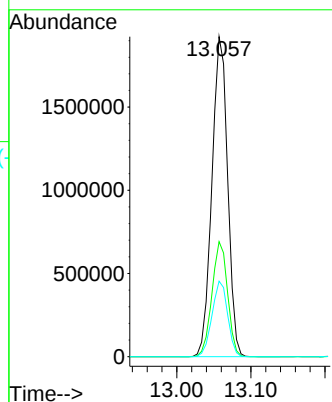
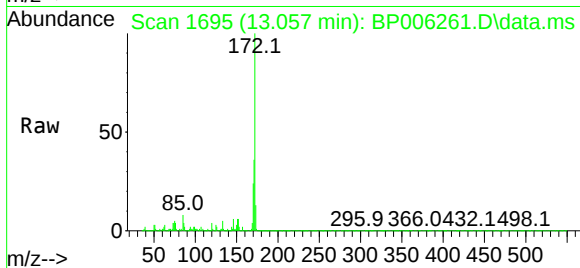




#45
2-Fluorobiphenyl
Concen: 65.064 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

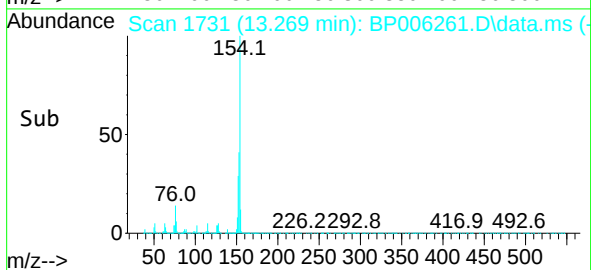
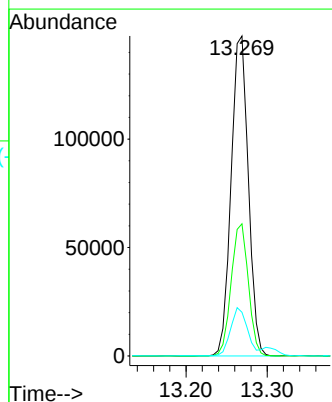
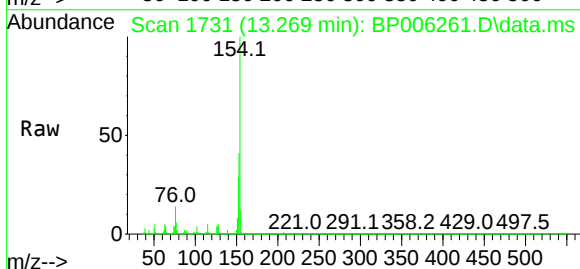
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

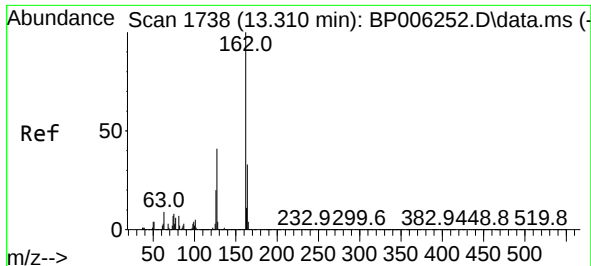
Tgt Ion:172 Resp: 2827756
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.448 ng
RT: 13.269 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:154 Resp: 216904
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 13.7 0.0 30.8

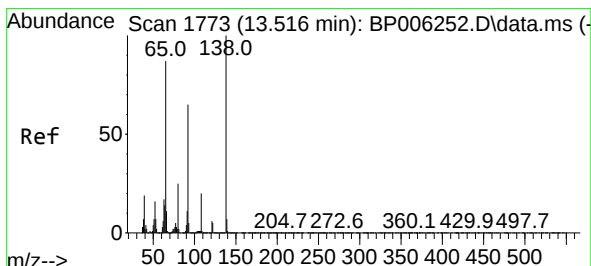
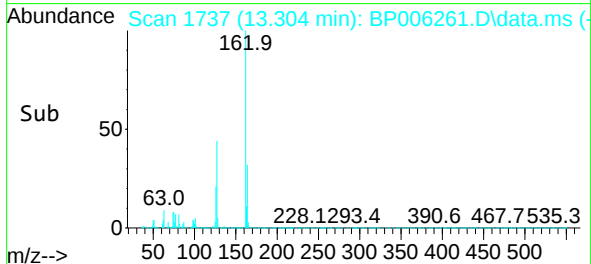
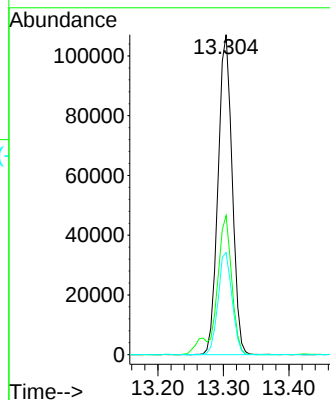
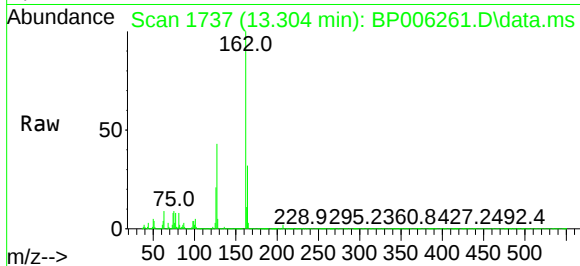




#47
2-Chloronaphthalene
Concen: 4.241 ng
RT: 13.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

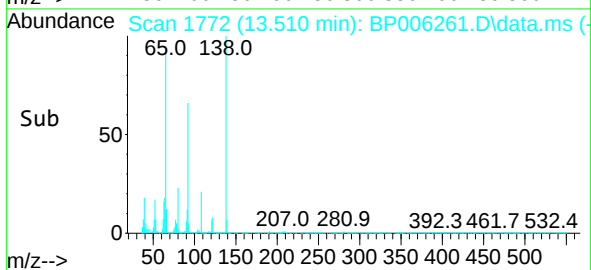
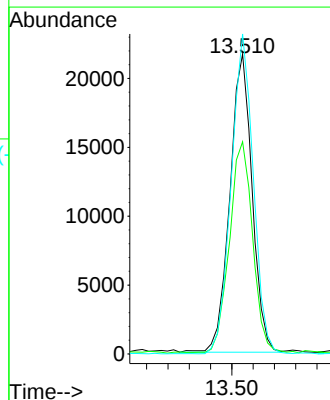
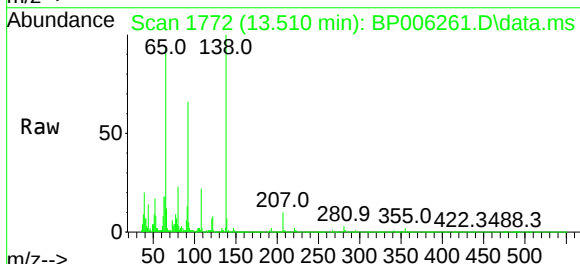
Instrument :
BNA_P
ClientSampleId :
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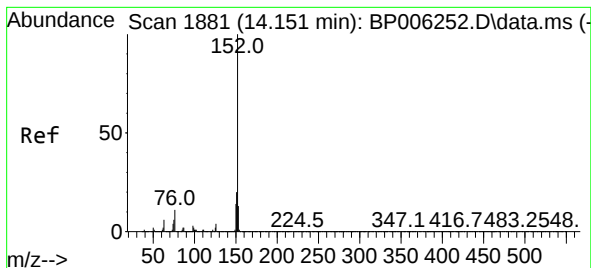
Tgt Ion:162 Resp: 159220
Ion Ratio Lower Upper
162 100
127 43.5 31.4 47.0
164 31.9 26.6 39.8



#48
2-Nitroaniline
Concen: 3.568 ng
RT: 13.510 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 65 Resp: 31478
Ion Ratio Lower Upper
65 100
92 70.7 57.7 86.5
138 106.7 92.1 138.1





#49

Acenaphthylene

Concen: 3.944 ng

RT: 14.151 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP006261.D

Acq: 21 Jul 2021 11:42

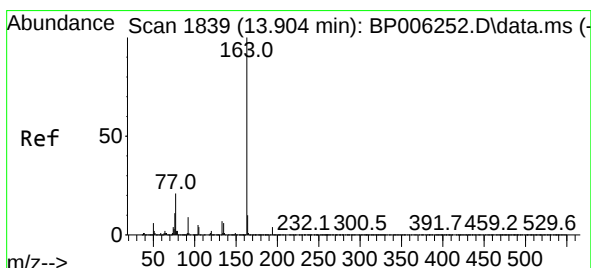
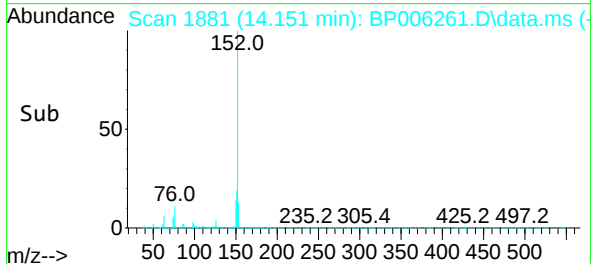
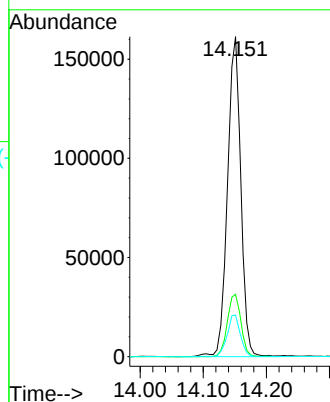
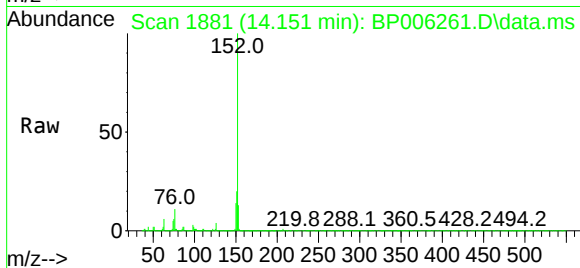
Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:152	Resp: 235724
Ion Ratio	Lower Upper
152 100	
151 19.5	16.2 24.2
153 13.0	10.6 16.0



#50

Dimethylphthalate

Concen: 3.956 ng

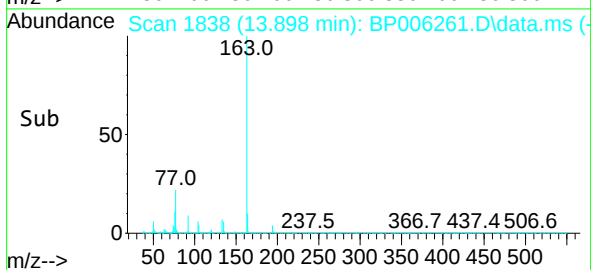
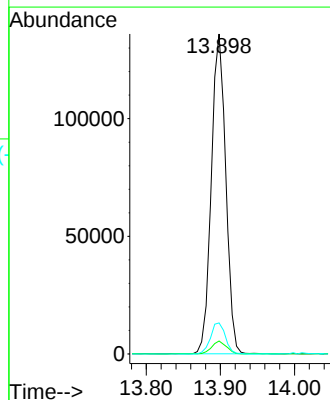
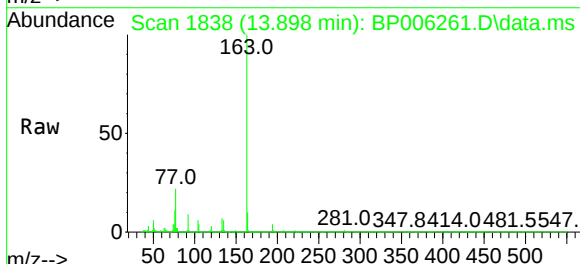
RT: 13.898 min Scan# 1838

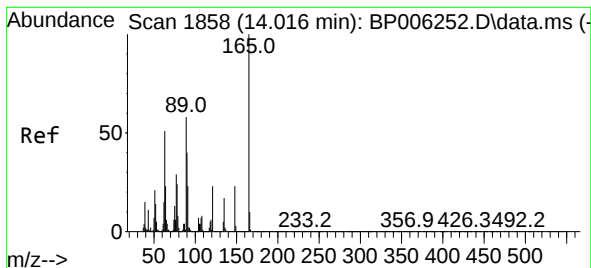
Delta R.T. -0.006 min

Lab File: BP006261.D

Acq: 21 Jul 2021 11:42

Tgt Ion:163	Resp: 183633
Ion Ratio	Lower Upper
163 100	
194 4.1	3.4 5.2
164 9.7	8.2 12.2

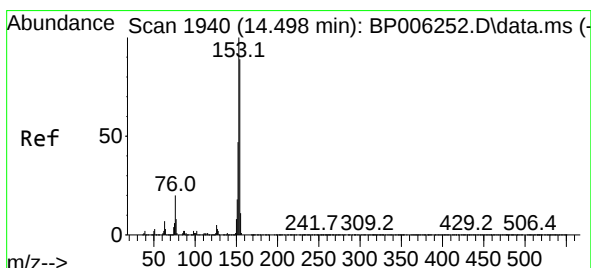
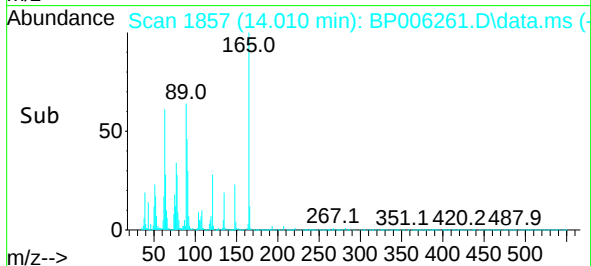
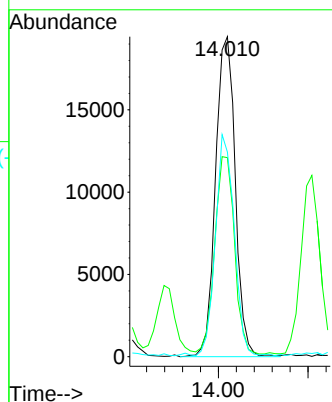
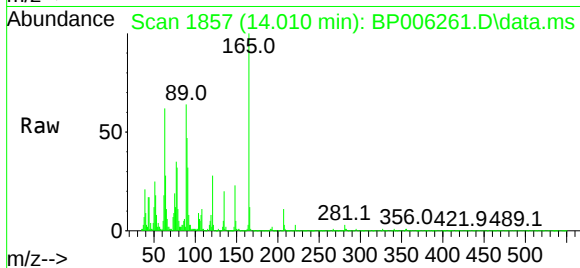




#51
2,6-Dinitrotoluene
Concen: 3.256 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

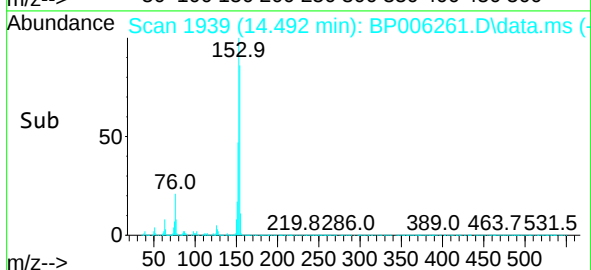
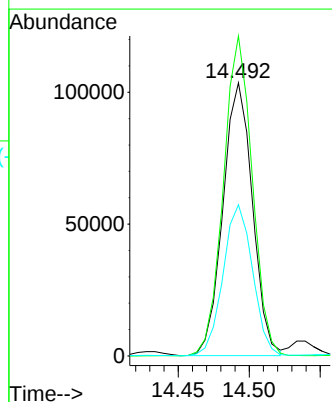
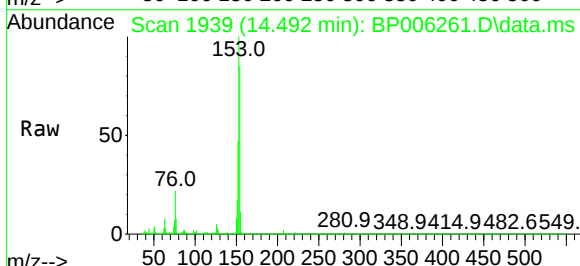
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

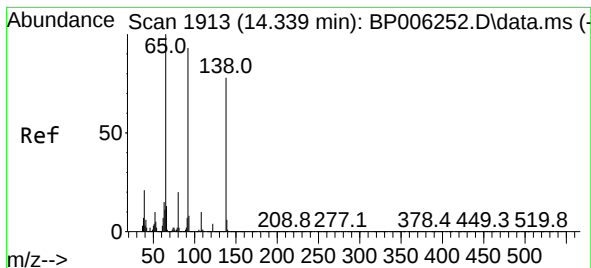
Tgt Ion:165 Resp: 29663
Ion Ratio Lower Upper
165 100
63 62.2 41.3 61.9#
89 64.0 44.8 67.2



#52
Acenaphthene
Concen: 4.054 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:154 Resp: 149785
Ion Ratio Lower Upper
154 100
153 117.1 89.4 134.2
152 55.3 43.0 64.4

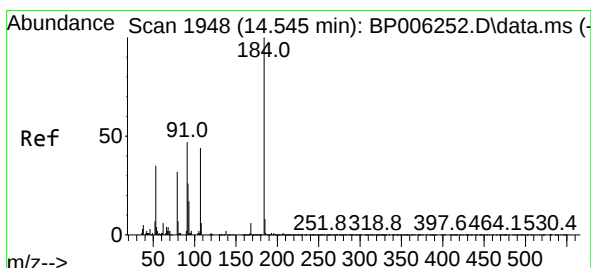
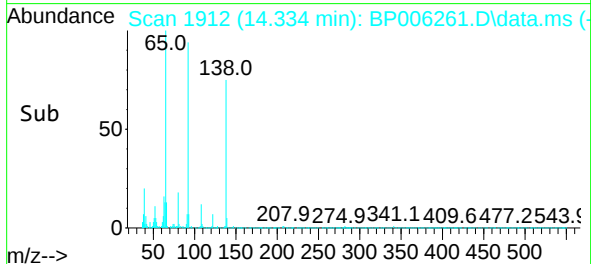
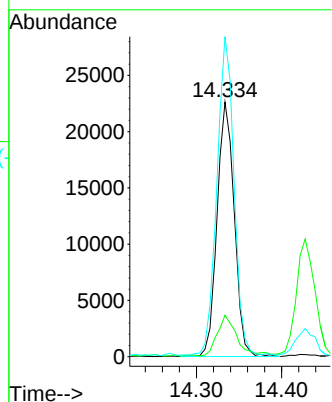
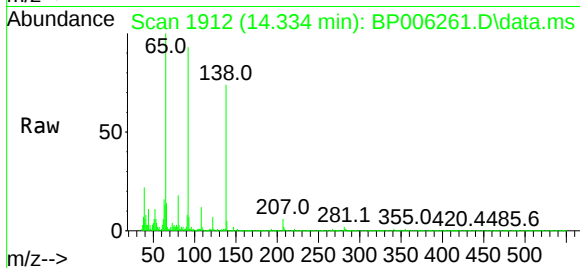




#53
3-Nitroaniline
Concen: 3.285 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.005 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

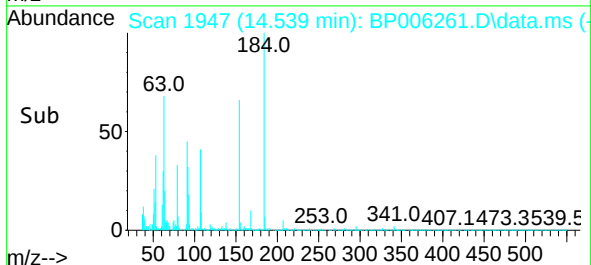
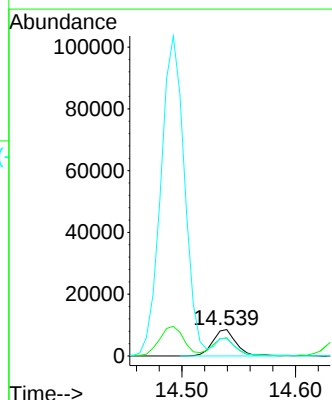
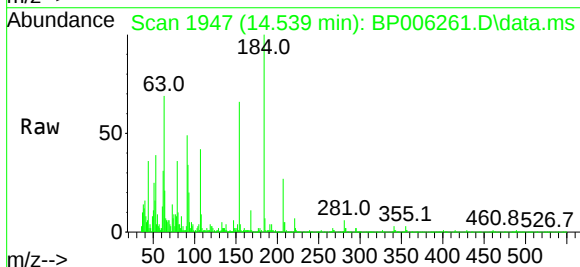
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

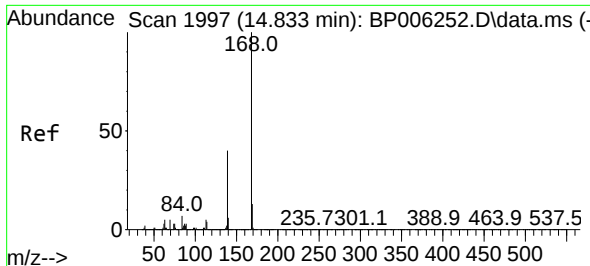
Tgt Ion:138 Resp: 31711
Ion Ratio Lower Upper
138 100
108 16.3 8.4 12.6#
92 125.7 87.8 131.8



#54
2,4-Dinitrophenol
Concen: 3.131 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:184 Resp: 12099
Ion Ratio Lower Upper
184 100
63 69.2 47.0 70.6
154 66.5 52.3 78.5

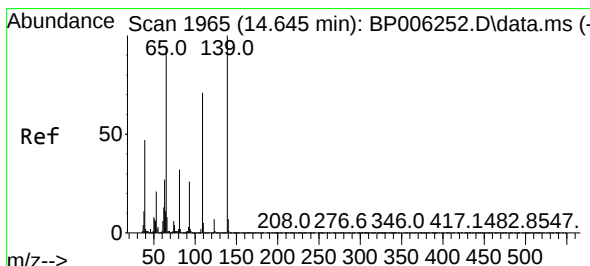
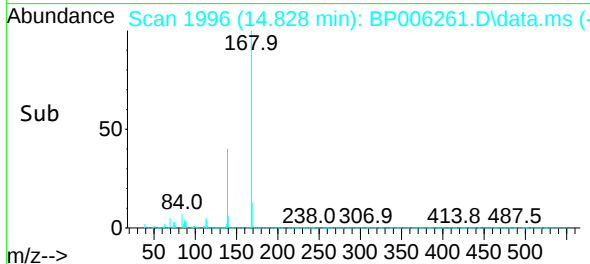
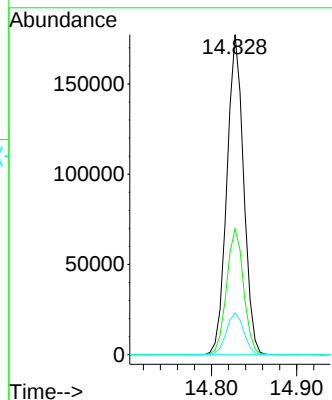
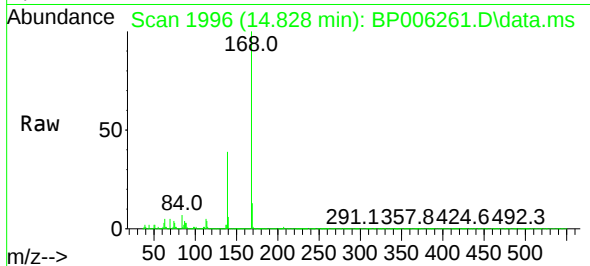




#55
Dibenzenofuran
Concen: 4.140 ng
RT: 14.828 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

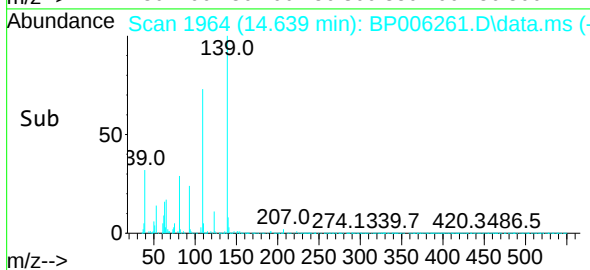
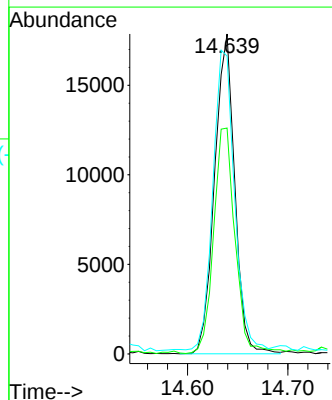
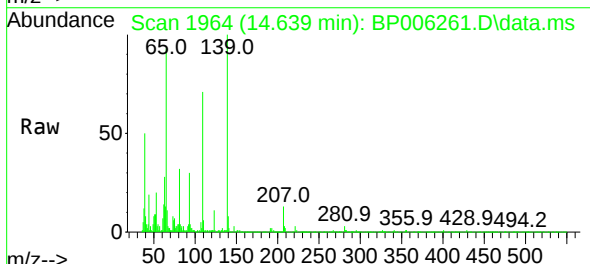
Instrument :
BNA_P
ClientSampleId :
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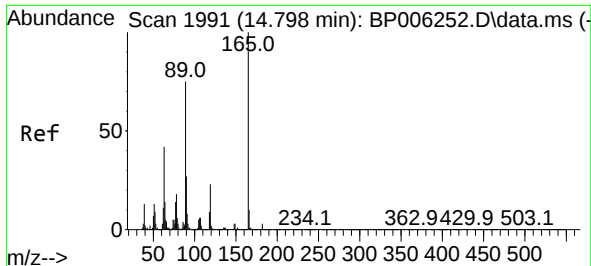
Tgt Ion:168 Resp: 241500
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 2.912 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:139 Resp: 24942
Ion Ratio Lower Upper
139 100
109 70.6 72.3 112.3#
65 93.1 72.5 112.5

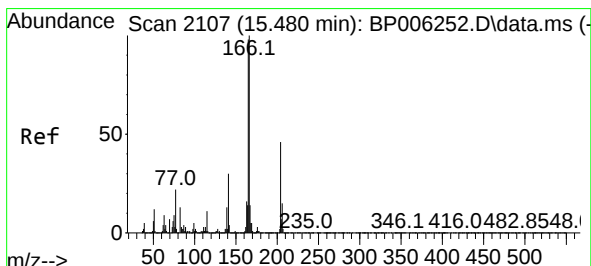
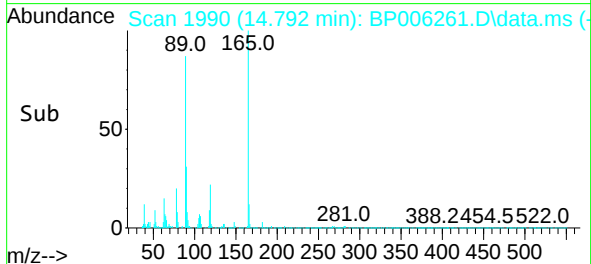
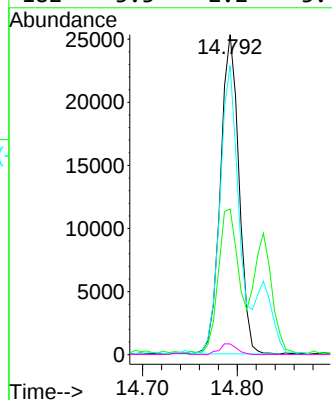
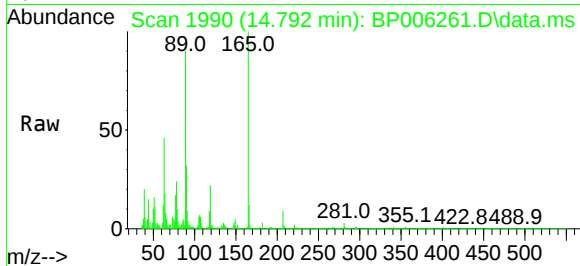




#57
2,4-Dinitrotoluene
Concen: 2.932 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

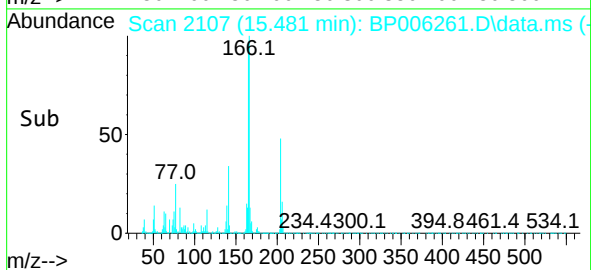
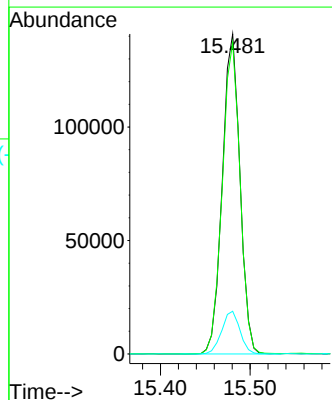
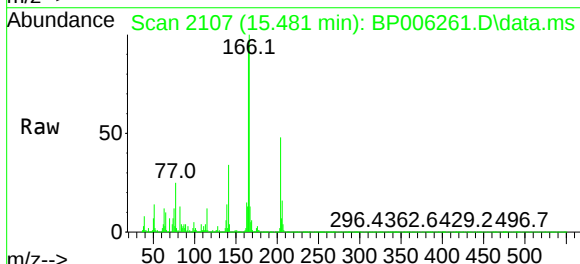
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

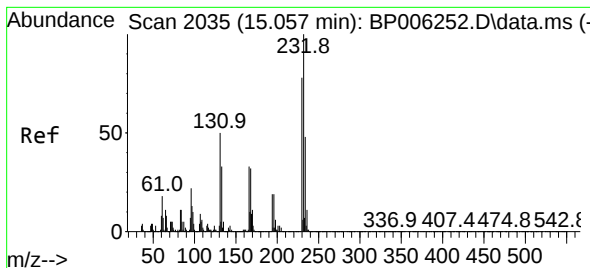
Tgt Ion:165	Resp:	34467
Ion Ratio	Lower	Upper
165	100	
63	45.6	32.3 48.5
89	90.3	55.9 83.9#
182	3.3	2.2 3.4



#58
Fluorene
Concen: 4.112 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:166	Resp:	192152
Ion Ratio	Lower	Upper
166	100	
165	97.3	78.0 117.0
167	13.3	10.5 15.7

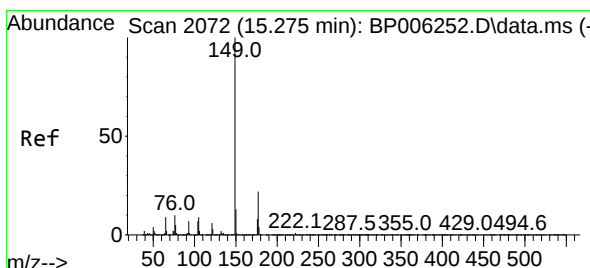
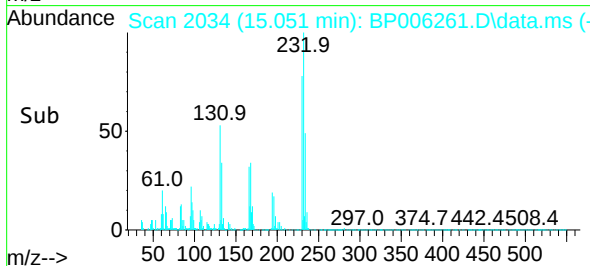
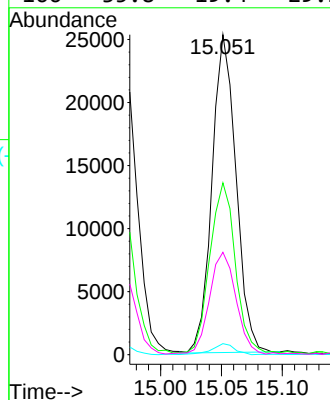
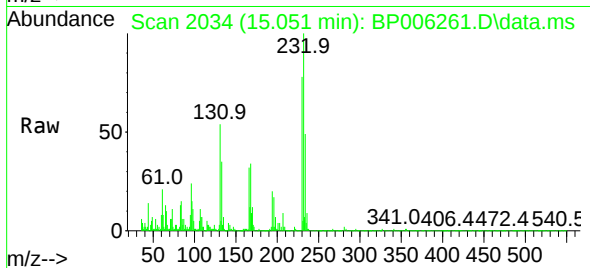




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.306 ng
RT: 15.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

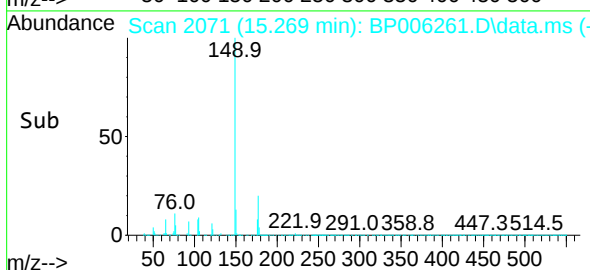
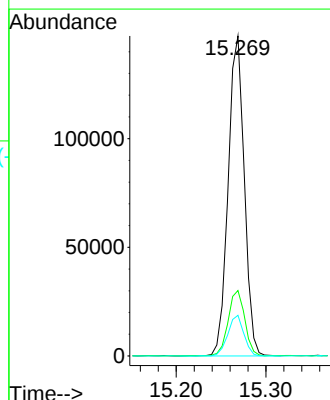
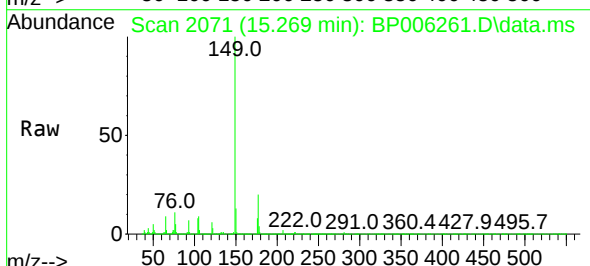
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

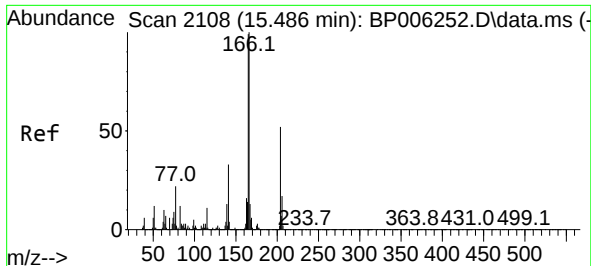
Tgt Ion:	232	Resp:	34568
Ion Ratio	Lower	Upper	
232	100		
131	58.0	32.2	48.4#
130	3.4	2.0	3.0#
166	35.8	19.4	29.2#



#60
Diethylphthalate
Concen: 3.839 ng
RT: 15.269 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:	149	Resp:	183929
Ion Ratio	Lower	Upper	
149	100		
177	20.5	17.5	26.3
150	12.7	9.9	14.9

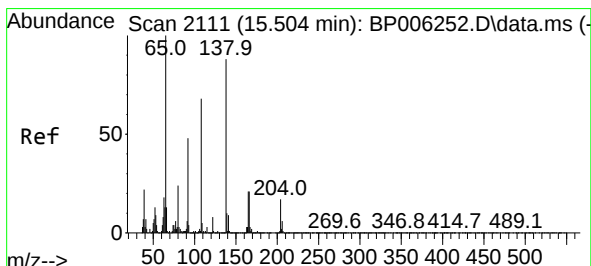
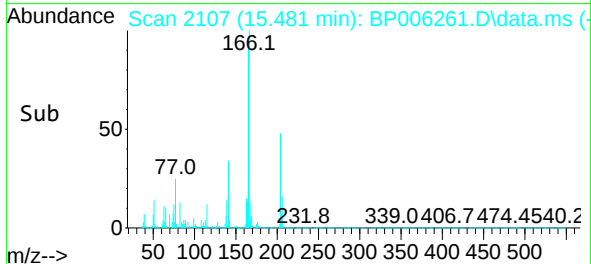
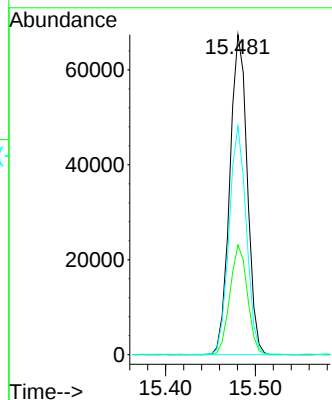
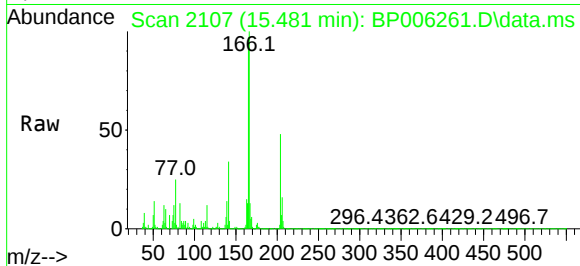




#61
4-Chlorophenyl-phenylether
Concen: 4.113 ng
RT: 15.481 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

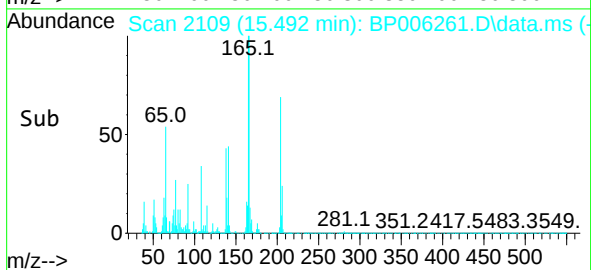
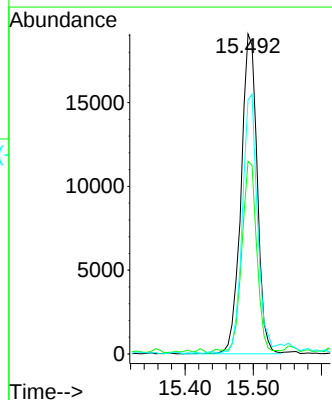
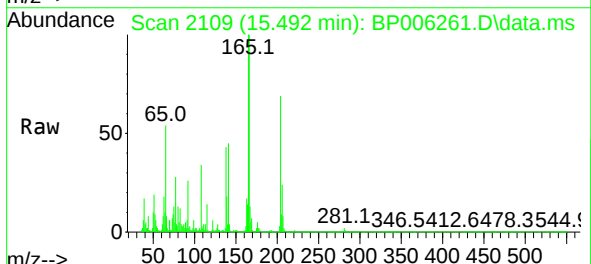
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

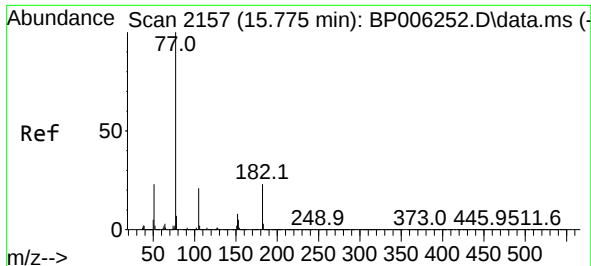
Tgt Ion:204 Resp: 90901
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 71.4 48.6 73.0



#62
4-Nitroaniline
Concen: 3.119 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:138 Resp: 31446
Ion Ratio Lower Upper
138 100
92 60.2 31.2 71.2
108 79.4 78.6 118.6

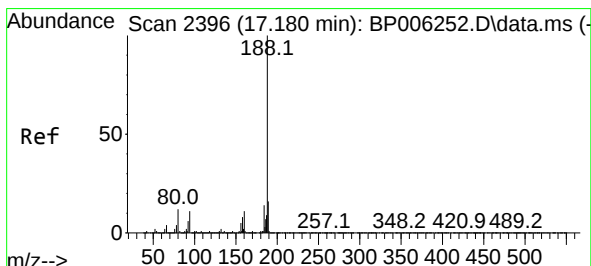
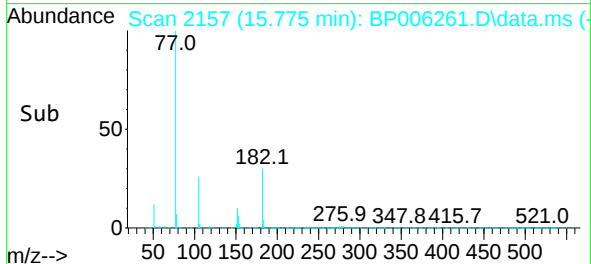
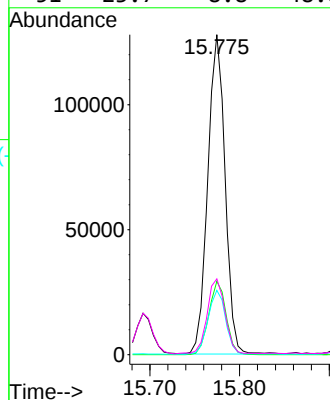
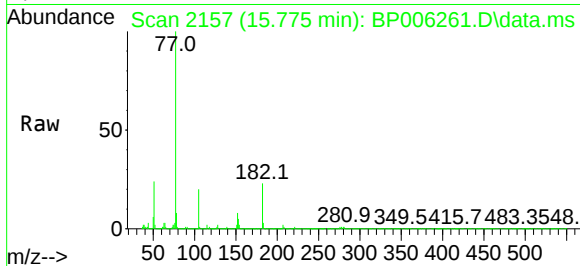




#63
Azobenzene
Concen: 3.548 ng
RT: 15.775 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

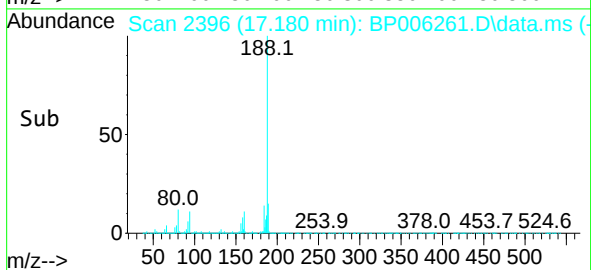
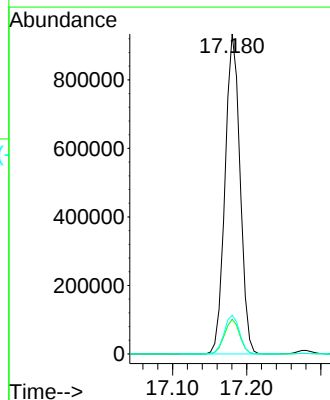
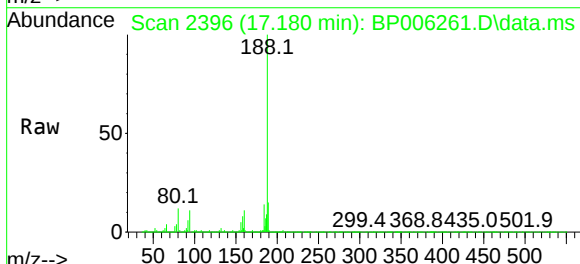
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

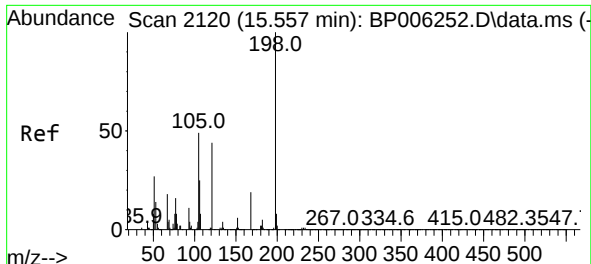
Tgt Ion: 77	Resp: 171141
Ion Ratio	Lower Upper
77 100	
182 22.9	6.0 46.0
105 20.1	0.0 38.8
51 23.7	8.8 48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion: 188	Resp: 1312351
Ion Ratio	Lower Upper
188 100	
94 10.9	5.6 8.4#
80 12.1	6.3 9.5#

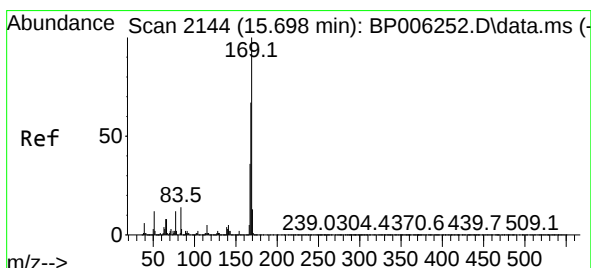
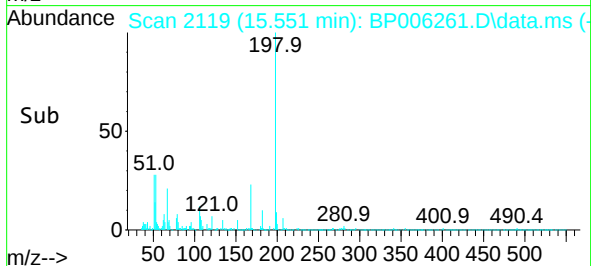
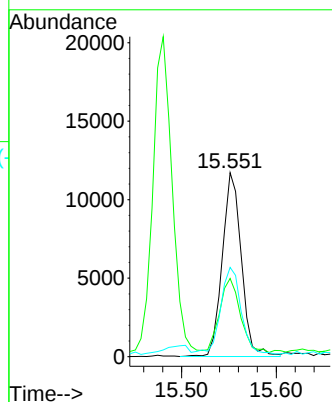
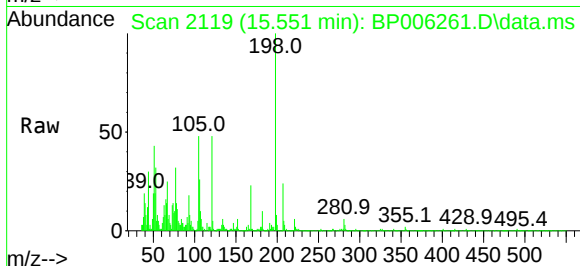




#65
4,6-Dinitro-2-methylphenol
Concen: 2.688 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

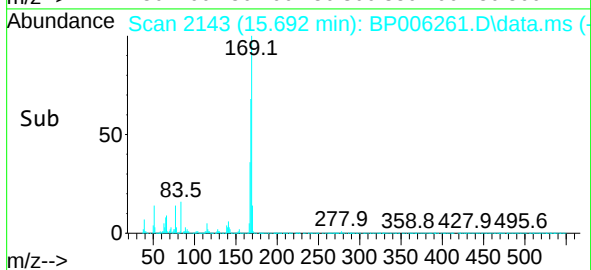
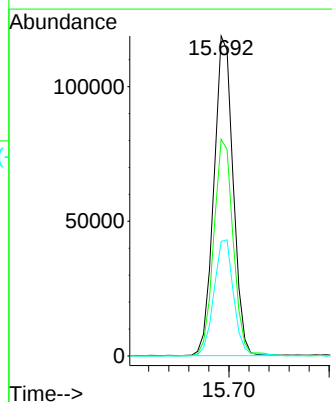
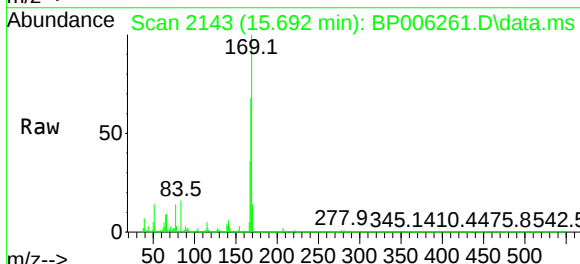
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

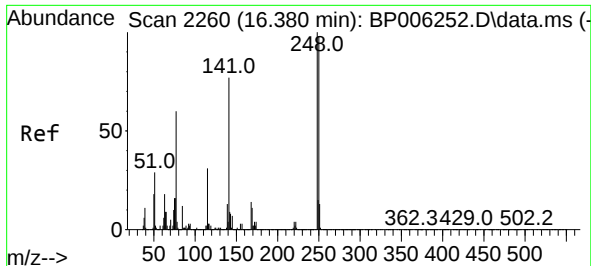
Tgt Ion:198 Resp: 16410
Ion Ratio Lower Upper
198 100
51 42.5 14.0 54.0
105 48.5 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 3.923 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:169 Resp: 157969
Ion Ratio Lower Upper
169 100
168 67.7 54.4 81.6
167 35.8 29.0 43.6

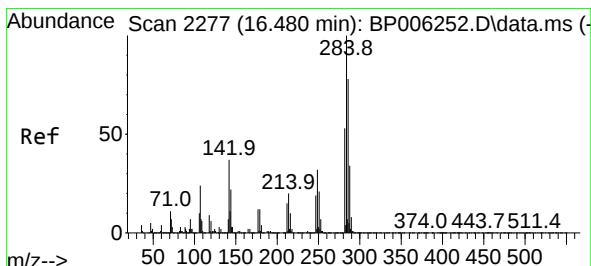
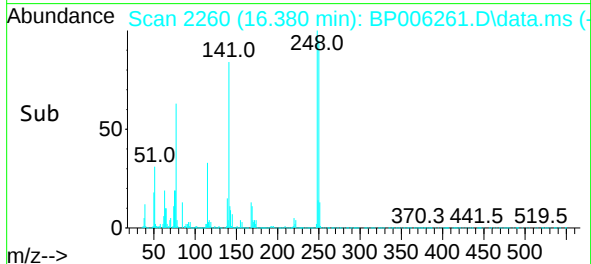
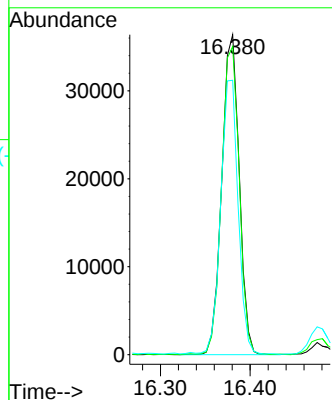
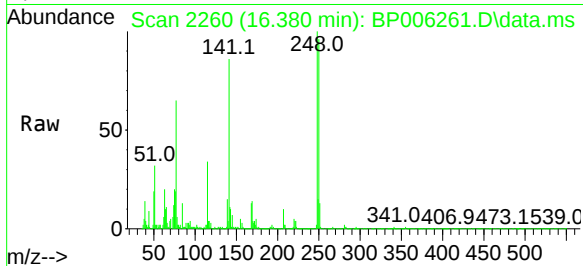




#67
4-Bromophenyl-phenylether
Concen: 3.711 ng
RT: 16.380 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

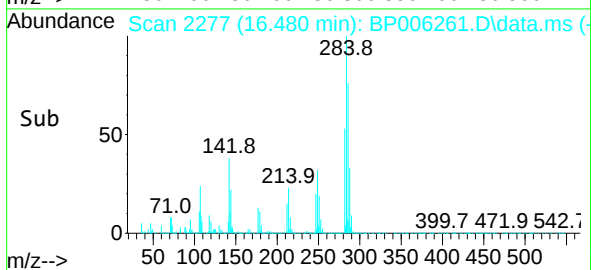
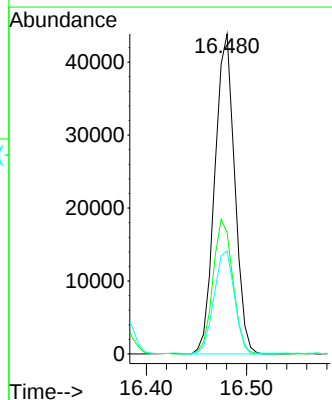
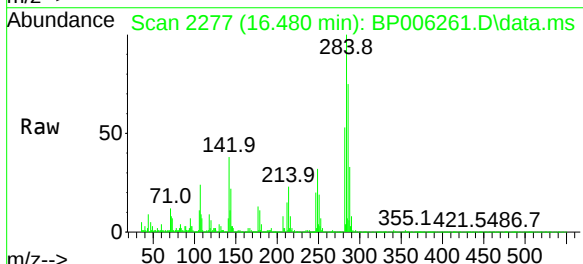
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

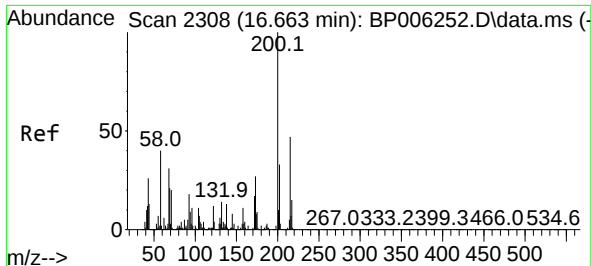
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.8	119.8
141	85.7	57.8	86.6



#68
Hexachlorobenzene
Concen: 3.972 ng
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	26.9	40.3
249	32.2	24.5	36.7

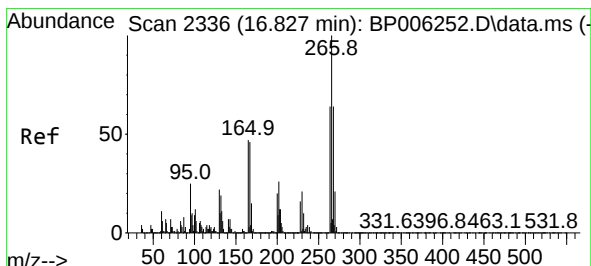
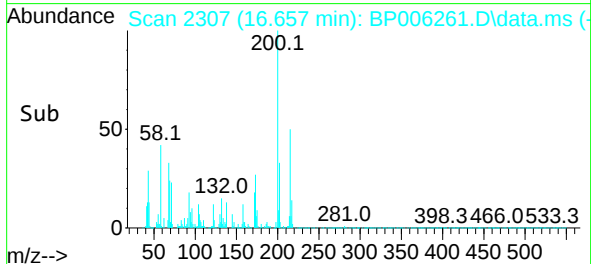
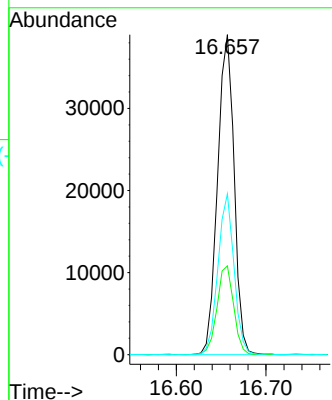
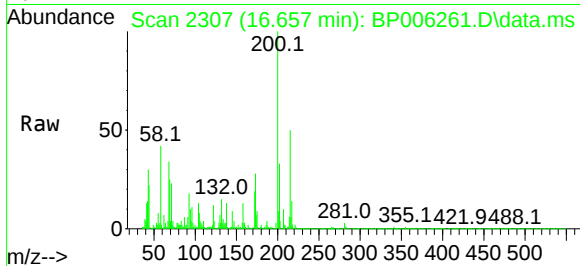




#69
Atrazine
Concen: 3.803 ng
RT: 16.657 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

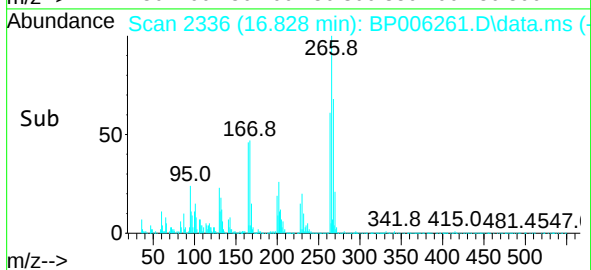
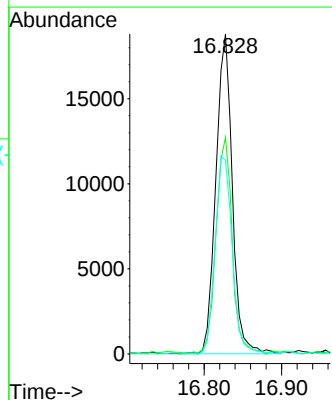
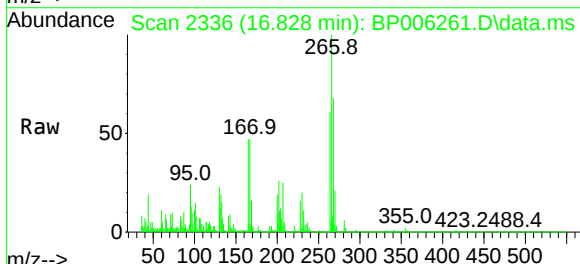
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

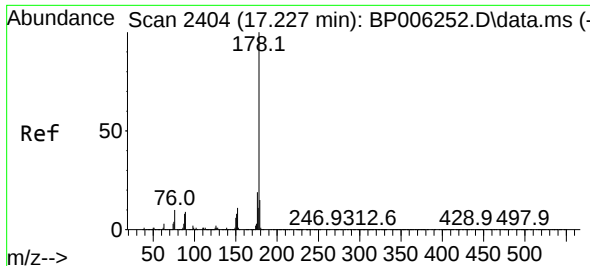
Tgt Ion:200 Resp: 50016
Ion Ratio Lower Upper
200 100
173 27.8 4.1 44.1
215 50.3 27.7 67.7



#70
Pentachlorophenol
Concen: 3.262 ng
RT: 16.828 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:266 Resp: 27695
Ion Ratio Lower Upper
266 100
268 67.7 51.6 77.4
264 60.5 50.3 75.5

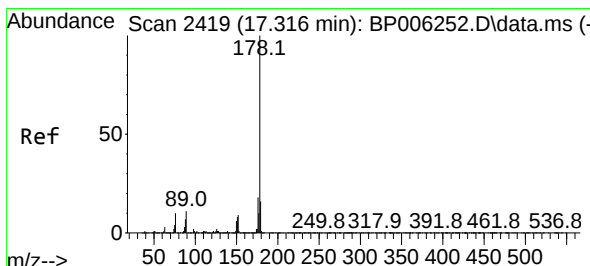
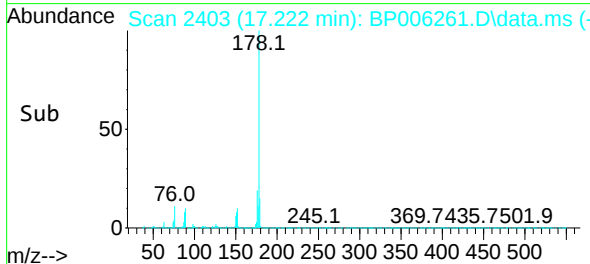
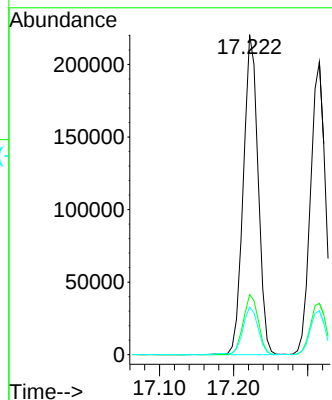
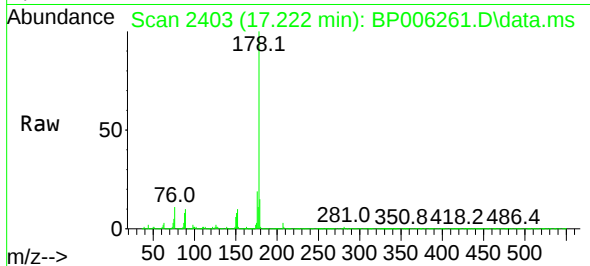




#71
Phenanthrene
Concen: 4.243 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

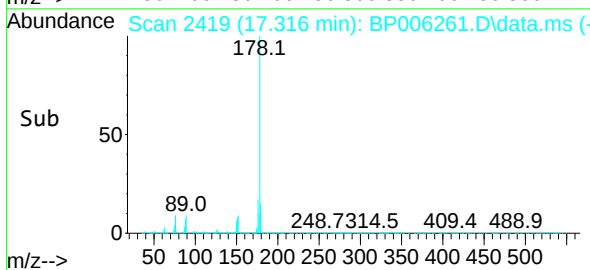
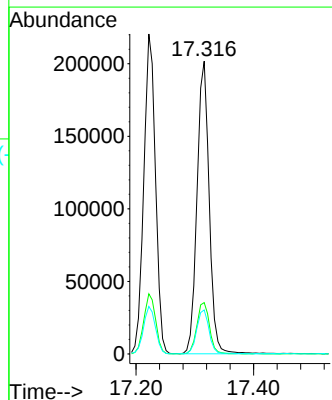
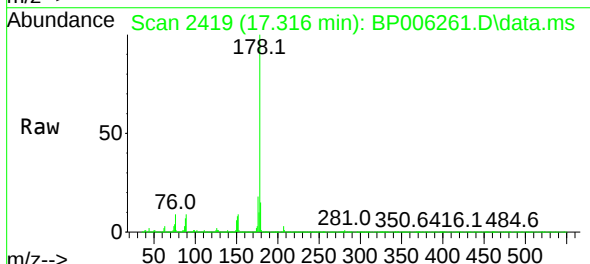
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

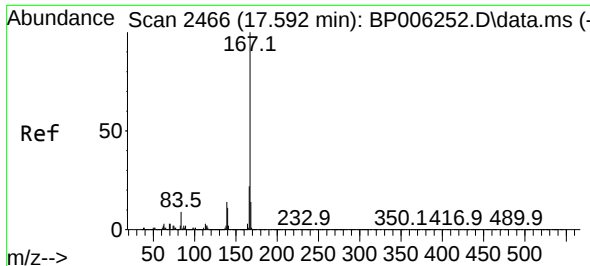
Tgt Ion:178 Resp: 304994
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 14.8 12.4 18.6



#72
Anthracene
Concen: 4.130 ng
RT: 17.316 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:178 Resp: 289548
Ion Ratio Lower Upper
178 100
176 17.5 14.9 22.3
179 15.0 12.2 18.2

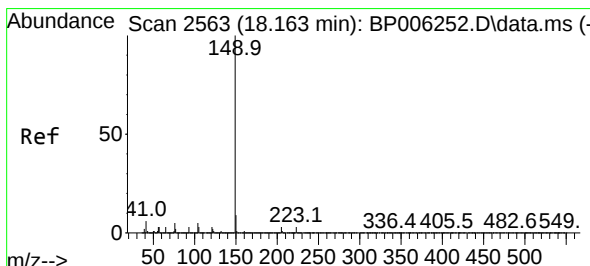
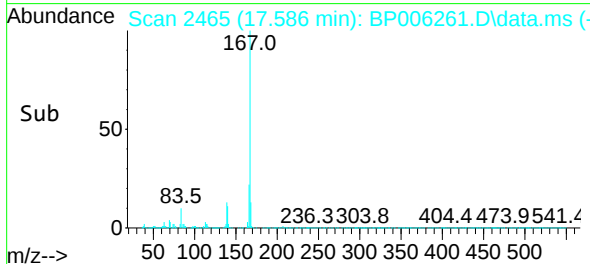
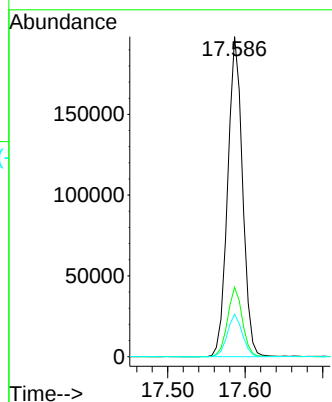
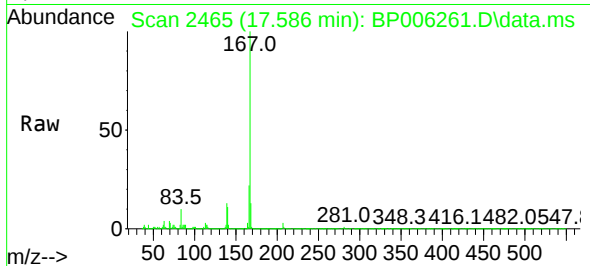




#73
 Carbazole
 Concen: 3.751 ng
 RT: 17.586 min Scan# 2465
 Delta R.T. -0.006 min
 Lab File: BP006261.D
 Acq: 21 Jul 2021 11:42

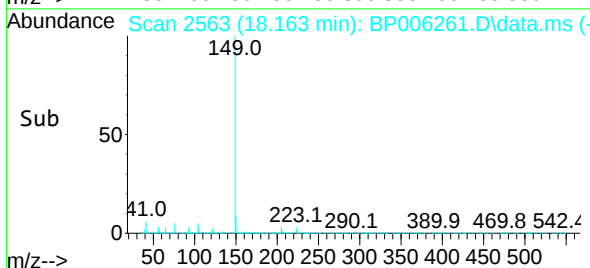
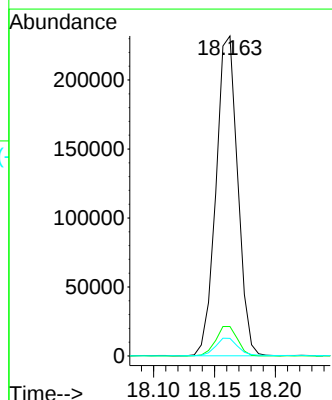
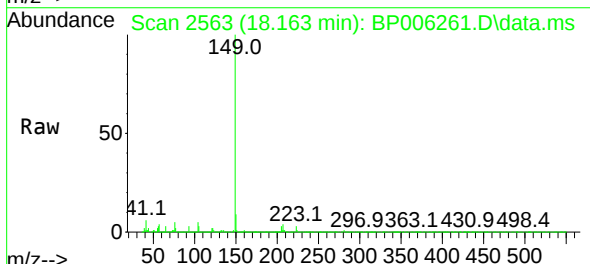
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

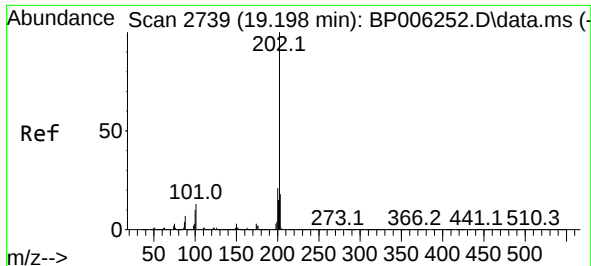
Tgt Ion:167 Resp: 263626
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 3.577 ng
 RT: 18.163 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BP006261.D
 Acq: 21 Jul 2021 11:42

Tgt Ion:149 Resp: 286991
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.5 4.5 6.7

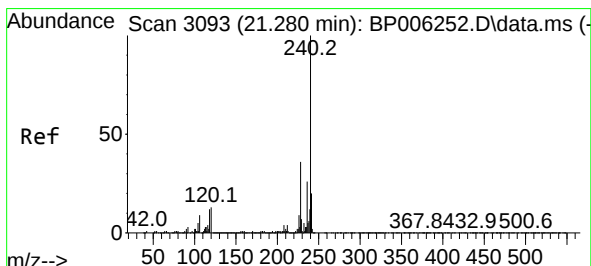
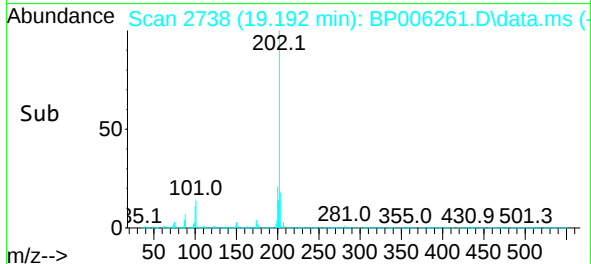
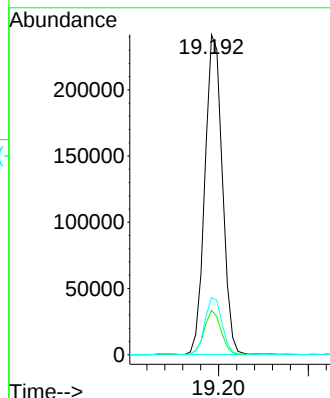
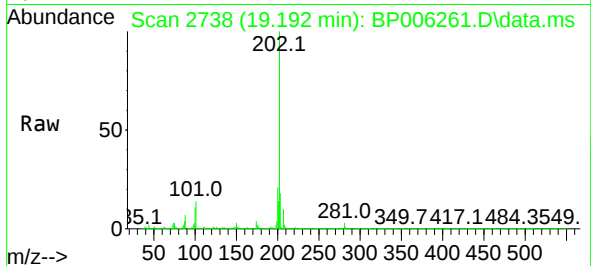




#75
Fluoranthene
Concen: 3.941 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

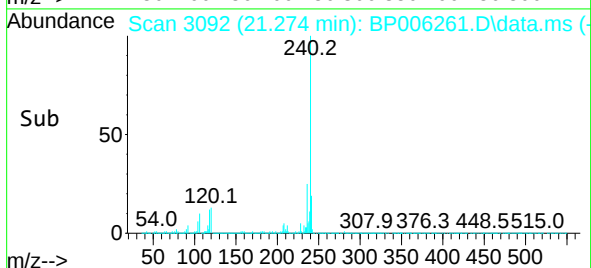
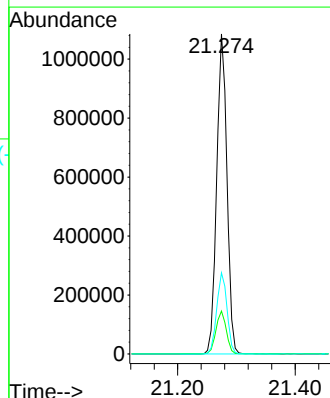
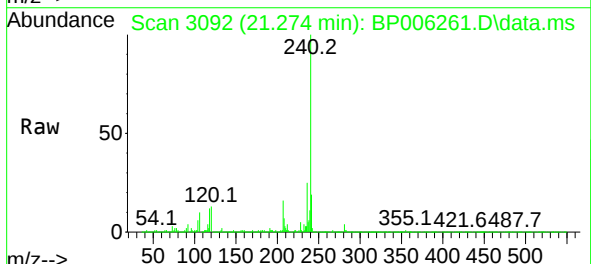
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

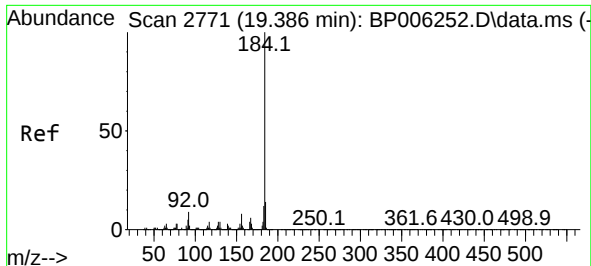
Tgt Ion:202 Resp: 325110
Ion Ratio Lower Upper
202 100
101 13.8 0.0 27.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:240 Resp: 1313964
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.4 20.6 31.0

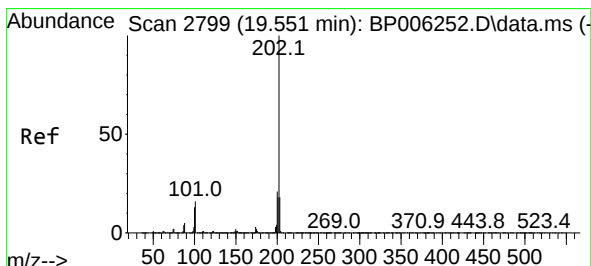
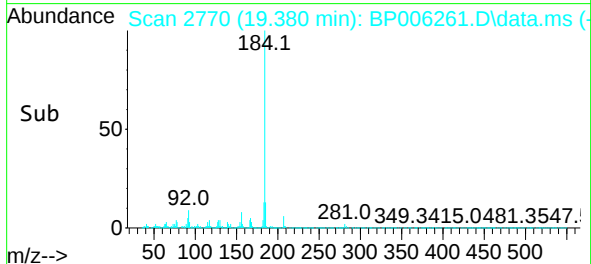
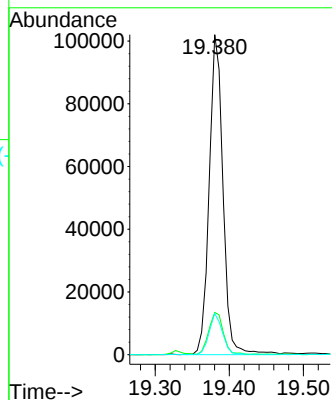
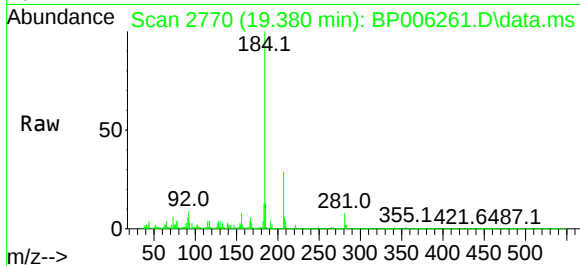




#77
Benzidine
Concen: 3.458 ng
RT: 19.380 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

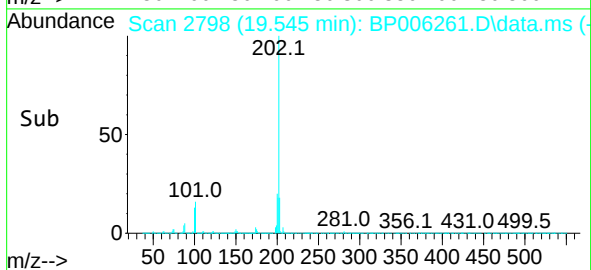
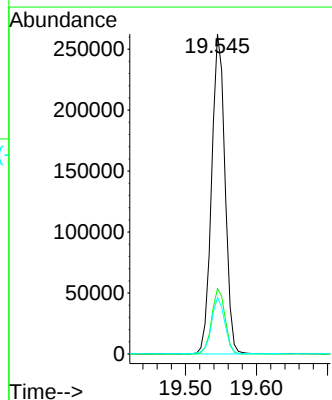
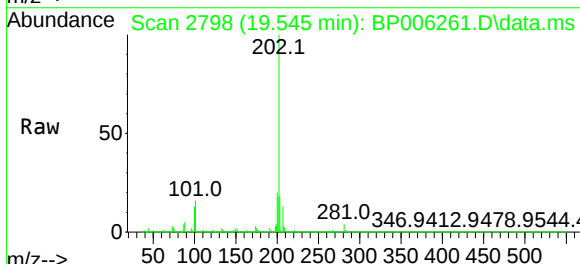
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

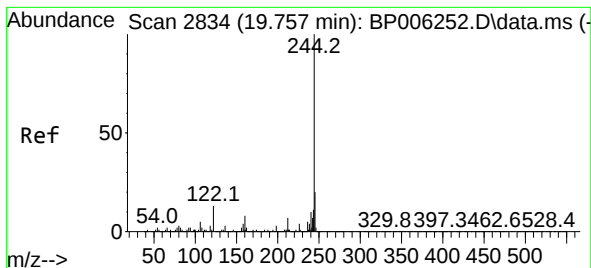
Tgt Ion:184 Resp: 132256
Ion Ratio Lower Upper
184 100
185 13.2 11.0 16.4
183 12.8 9.5 14.3



#78
Pyrene
Concen: 3.956 ng
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:202 Resp: 343238
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.7 14.2 21.2

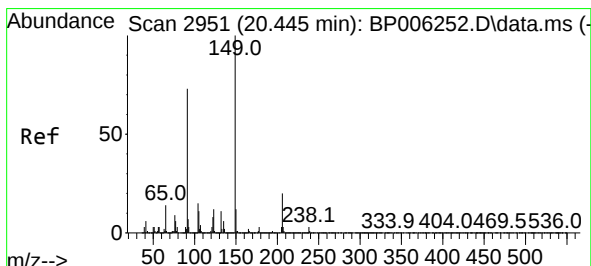
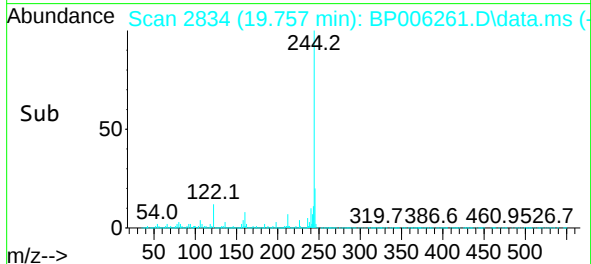
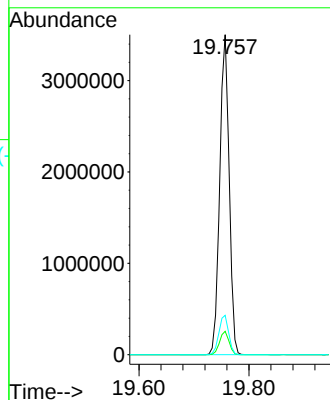
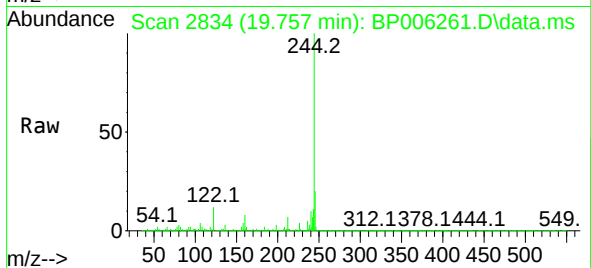




#79
 Terphenyl-d14
 Concen: 63.496 ng
 RT: 19.757 min Scan# 2834
 Delta R.T. 0.000 min
 Lab File: BP006261.D
 Acq: 21 Jul 2021 11:42

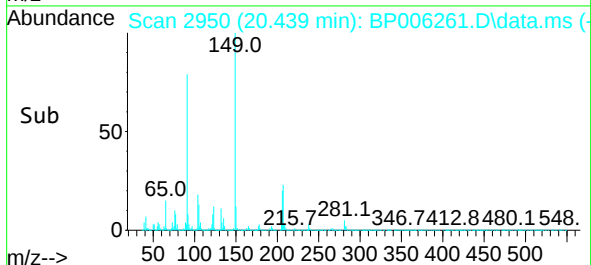
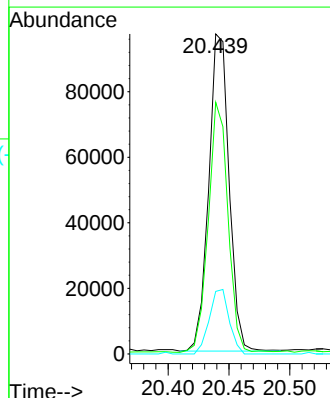
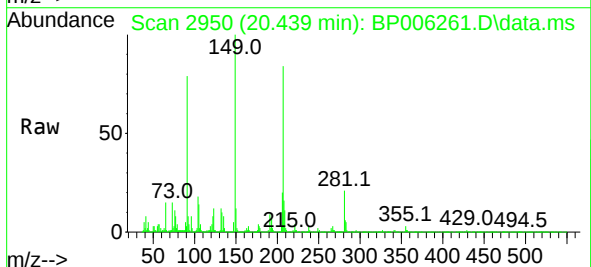
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

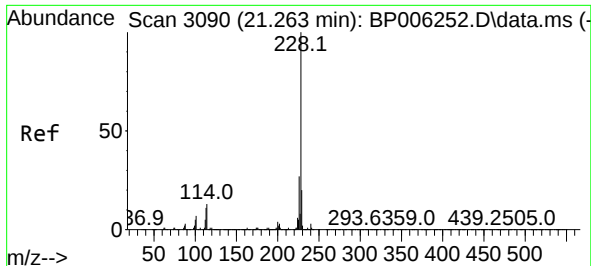
Tgt Ion:244 Resp: 4170725
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.3 7.1 10.7#



#80
 Butylbenzylphthalate
 Concen: 3.066 ng
 RT: 20.439 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BP006261.D
 Acq: 21 Jul 2021 11:42

Tgt Ion:149 Resp: 112680
 Ion Ratio Lower Upper
 149 100
 91 78.7 54.6 81.8
 206 19.6 16.7 25.1

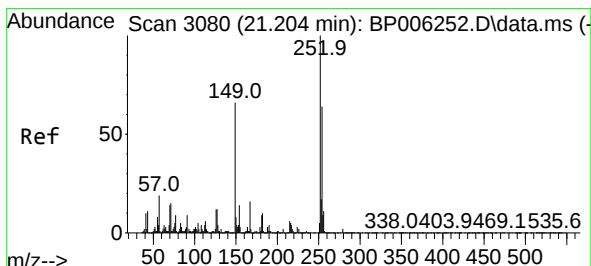
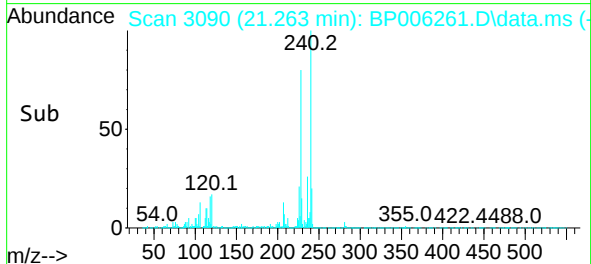
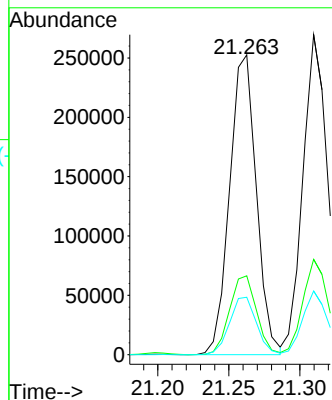
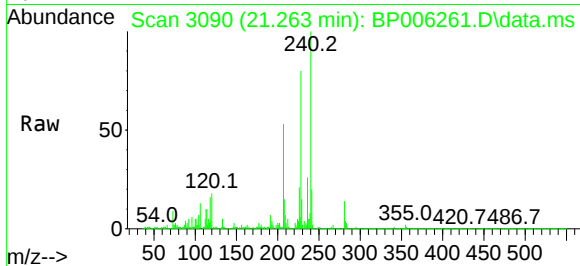




#81
Benzo(a)anthracene
Concen: 3.935 ng
RT: 21.263 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

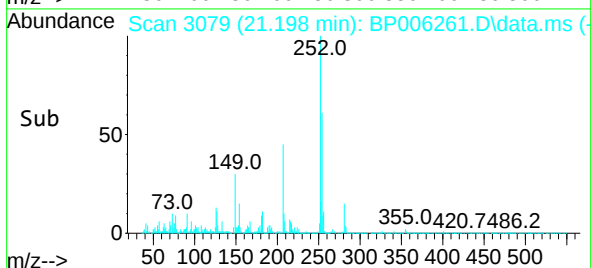
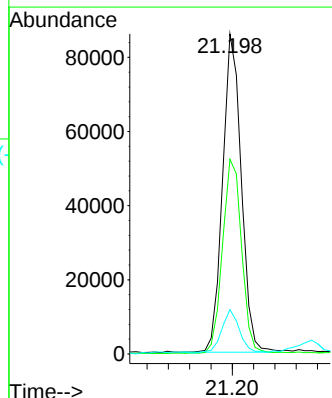
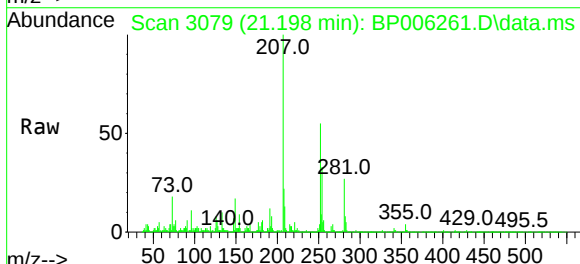
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

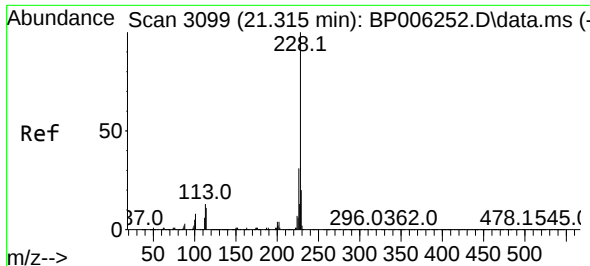
Tgt Ion:228 Resp: 331821
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 4.458 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:252 Resp: 104095
Ion Ratio Lower Upper
252 100
254 60.8 50.6 76.0
126 13.9 7.0 10.6#

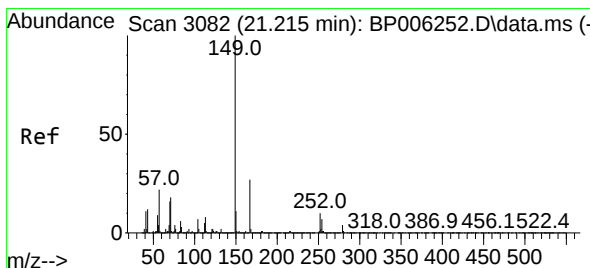
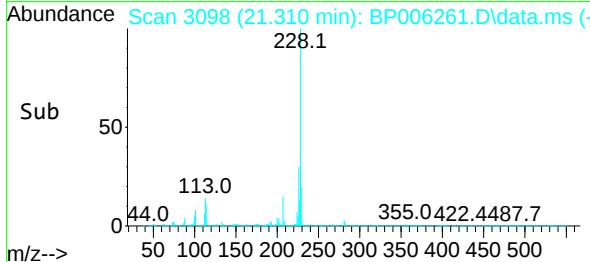
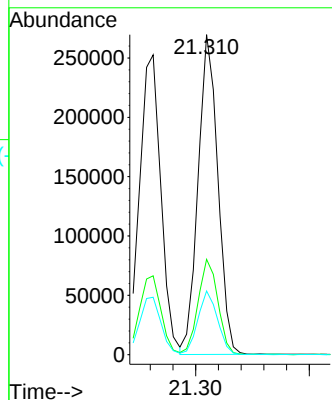
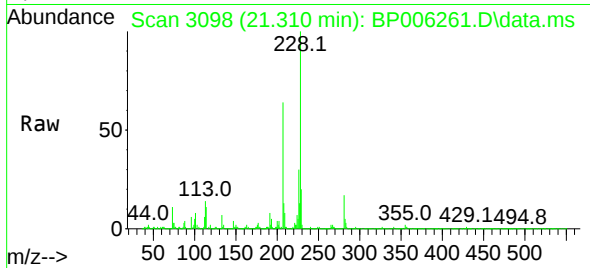




#83
Chrysene
Concen: 3.989 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

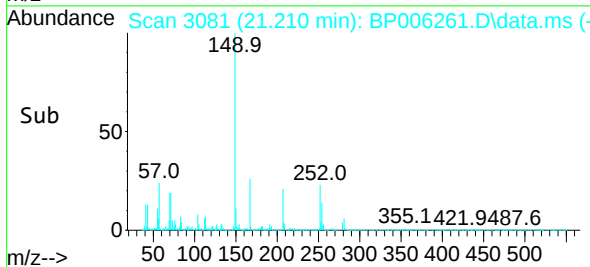
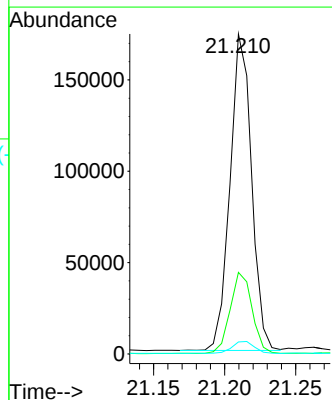
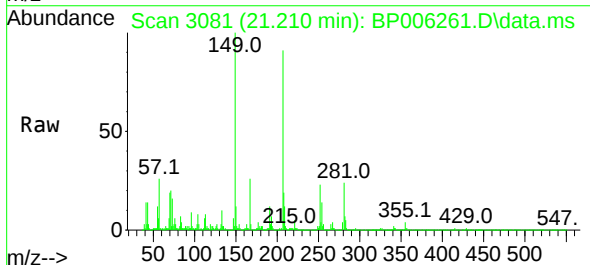
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

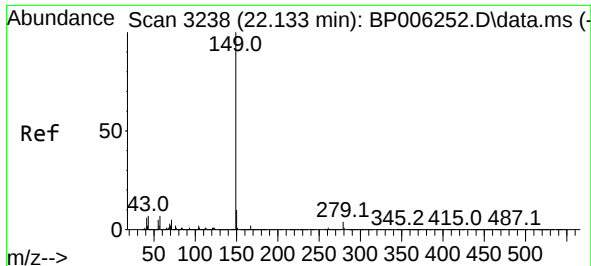
Tgt Ion:228 Resp: 325691
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 19.9 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.291 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:149 Resp: 182345
Ion Ratio Lower Upper
149 100
167 25.5 21.9 32.9
279 3.7 4.3 6.5#

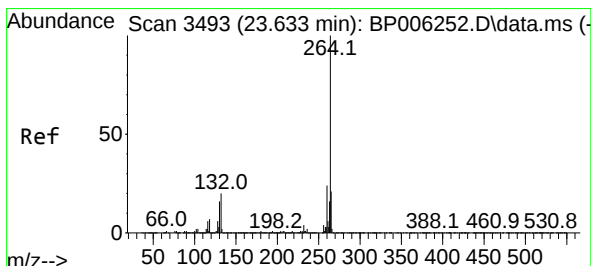
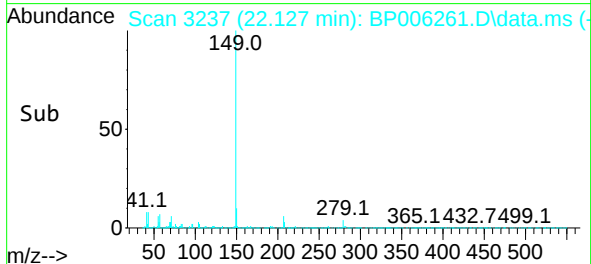
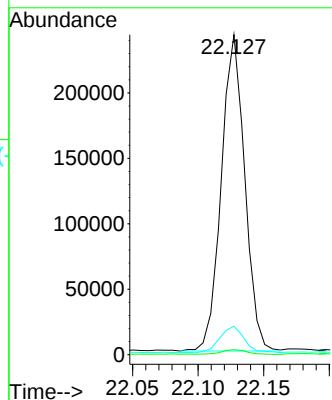
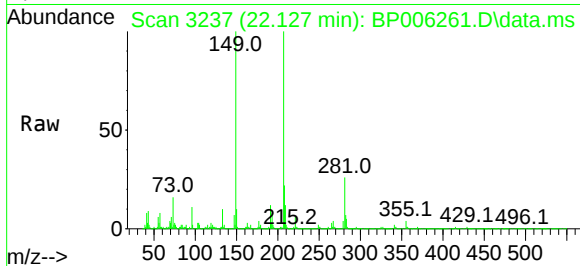




#85
Di-n-octyl phthalate
Concen: 3.228 ng
RT: 22.127 min Scan# 3237
Delta R.T. -0.006 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

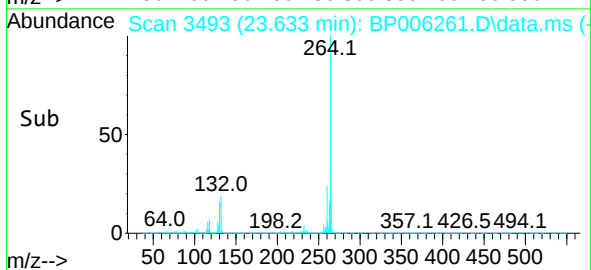
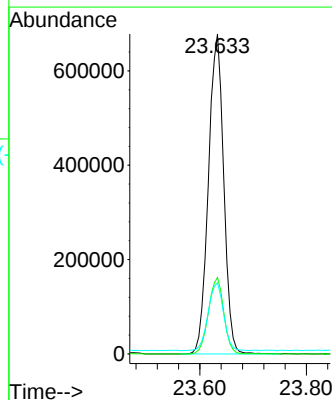
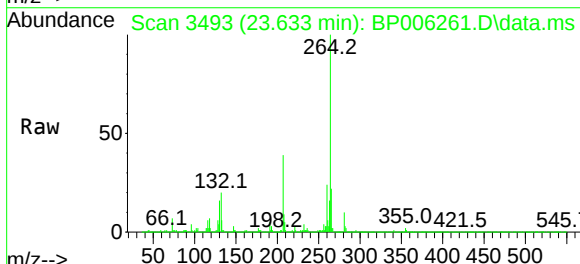
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

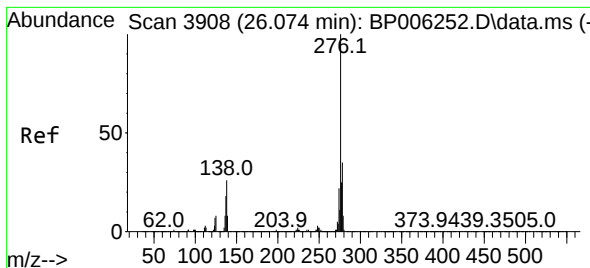
Tgt Ion:149 Resp: 300009
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.6 5.6 8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:264 Resp: 1351135
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.001 ng

RT: 26.062 min Scan# 3906

Delta R.T. -0.012 min

Lab File: BP006261.D

Acq: 21 Jul 2021 11:42

Tgt Ion: 276 Resp: 382986

Ion Ratio Lower Upper

276 100

138 30.8 15.3 22.9#

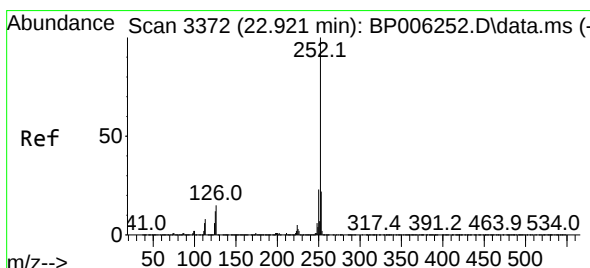
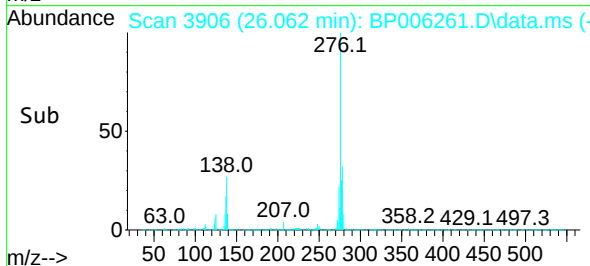
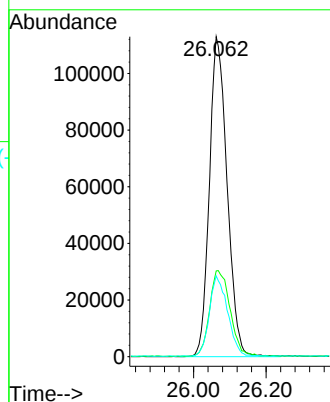
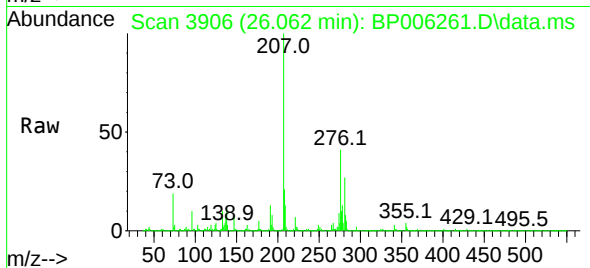
277 25.6 20.4 30.6

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#88

Benzo(b)fluoranthene

Concen: 3.824 ng

RT: 22.910 min Scan# 3370

Delta R.T. -0.012 min

Lab File: BP006261.D

Acq: 21 Jul 2021 11:42

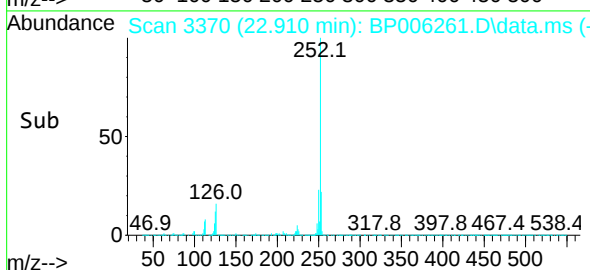
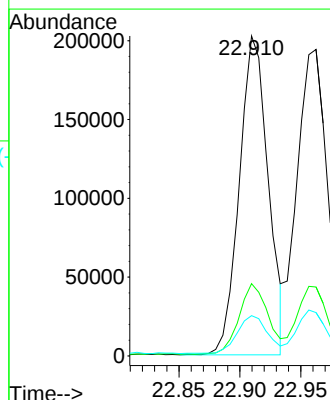
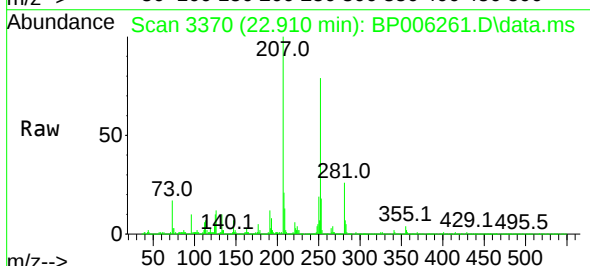
Tgt Ion: 252 Resp: 333410

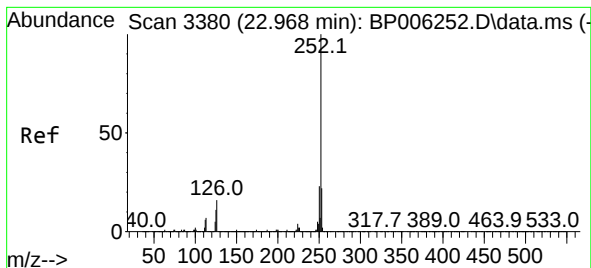
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.6 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 4.161 ng

RT: 22.962 min Scan# 3379

Delta R.T. -0.006 min

Lab File: BP006261.D

Acq: 21 Jul 2021 11:42

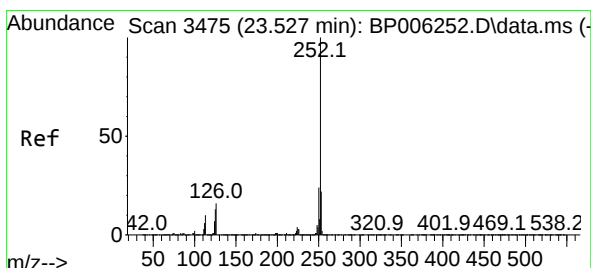
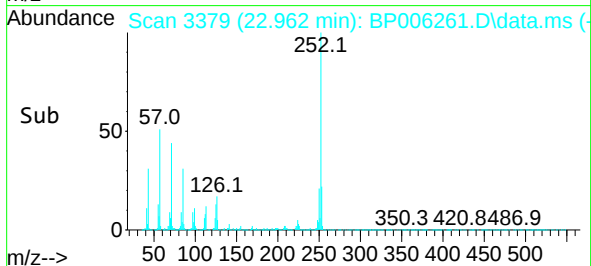
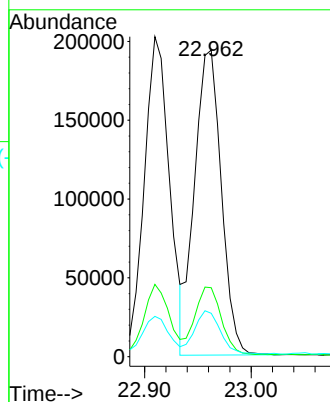
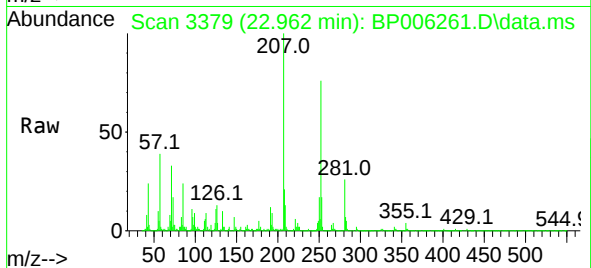
Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:252	Resp: 337777
Ion Ratio	Lower Upper
252	100
253	22.5 17.6 26.4
125	14.1 6.0 9.0#



#90

Benzo(a)pyrene

Concen: 3.996 ng

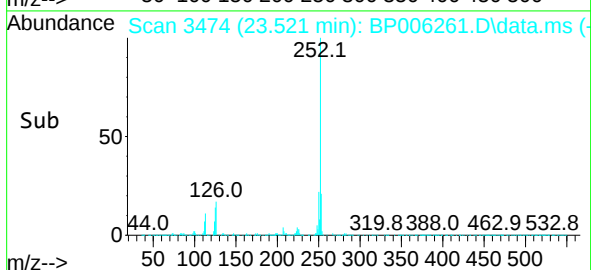
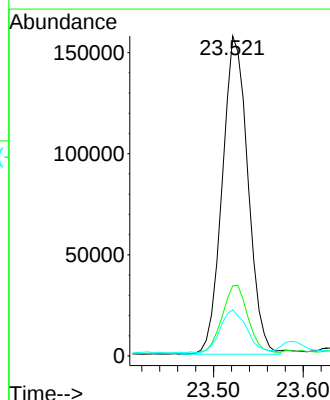
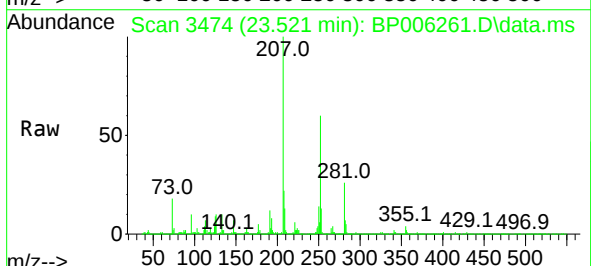
RT: 23.521 min Scan# 3474

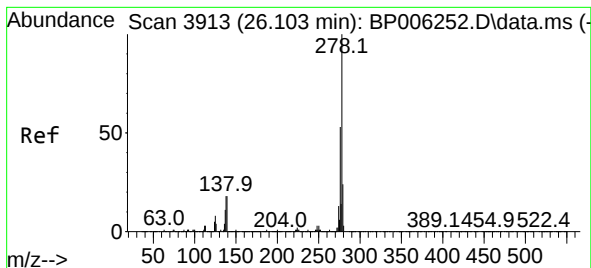
Delta R.T. -0.006 min

Lab File: BP006261.D

Acq: 21 Jul 2021 11:42

Tgt Ion:252	Resp: 312590
Ion Ratio	Lower Upper
252	100
253	21.9 17.9 26.9
125	14.5 6.5 9.7#

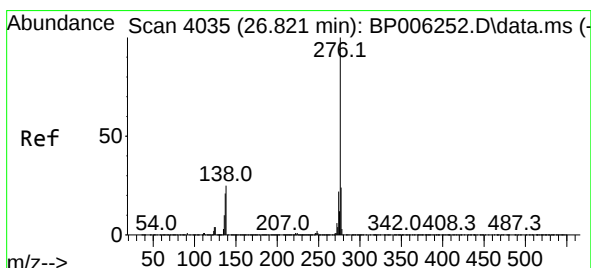
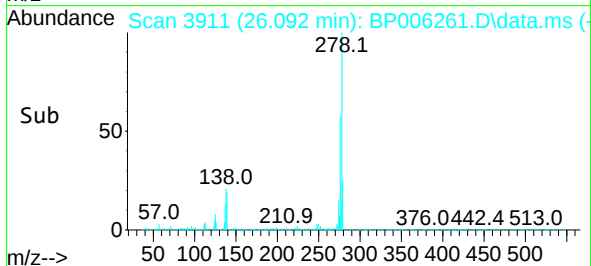
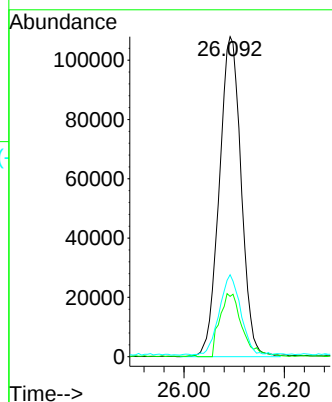
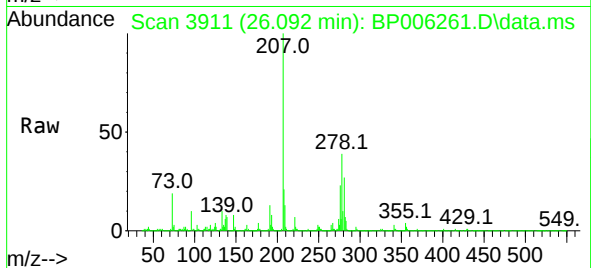




#91
Dibenzo(a,h)anthracene
Concen: 3.953 ng
RT: 26.092 min Scan# 3911
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:278 Resp: 327295
Ion Ratio Lower Upper
278 100
139 18.9 9.3 13.9#
279 25.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 4.005 ng
RT: 26.809 min Scan# 4033
Delta R.T. -0.012 min
Lab File: BP006261.D
Acq: 21 Jul 2021 11:42

Tgt Ion:276 Resp: 322791
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 25.8 12.6 18.8#

