

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
 Data File : BP006459.D
 Acq On : 02 Aug 2021 20:05
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 03 05:08:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 05:06:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	198838	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	796699	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	461712	20.000	ng	0.00
64) Phenanthrene-d10	17.140	188	910659	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	934039	20.000	ng	# 0.00
86) Perylene-d12	23.569	264	983281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1337300	104.884	ng	0.00
7) Phenol-d6	6.940	99	1767289	98.177	ng	0.00
23) Nitrobenzene-d5	8.916	82	878745	52.002	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	488554	103.483	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1560089	50.647	ng	0.00
79) Terphenyl-d14	19.716	244	2263932	48.805	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	47975	8.491	ng	90
3) Pyridine	3.711	79	118187	7.243	ng	92
4) n-Nitrosodimethylamine	3.623	42	51647	8.380	ng	# 91
6) Aniline	7.099	93	173333	8.809	ng	94
8) 2-Chlorophenol	7.328	128	108323	7.854	ng	89
9) Benzaldehyde	6.911	77	115240	10.216	ng	94
10) Phenol	6.964	94	142189	7.839	ng	96
11) bis(2-Chloroethyl)ether	7.199	93	109171	7.863	ng	87
12) 1,3-Dichlorobenzene	7.646	146	119426	8.205	ng	93
13) 1,4-Dichlorobenzene	7.799	146	119555	8.119	ng	98
14) 1,2-Dichlorobenzene	8.111	146	114250	8.074	ng	97
15) Benzyl Alcohol	8.005	79	102560	7.609	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	133309	8.136	ng	90
17) 2-Methylphenol	8.205	107	88438	7.793	ng	98
18) Hexachloroethane	8.828	117	47208	8.181	ng	# 86
19) n-Nitroso-di-n-propyla...	8.569	70	93130	7.803	ng	95
20) 3+4-Methylphenols	8.528	107	116702	7.541	ng	98
22) Acetophenone	8.581	105	176198	8.388	ng	# 97
24) Nitrobenzene	8.958	77	141471	8.065	ng	90
25) Isophorone	9.487	82	223333	7.402	ng	94
26) 2-Nitrophenol	9.663	139	44586	7.101	ng	# 87
27) 2,4-Dimethylphenol	9.728	122	93617	8.713	ng	97
28) bis(2-Chloroethoxy)met...	9.969	93	144113	8.735	ng	97
29) 2,4-Dichlorophenol	10.193	162	79892	7.355	ng	93
30) 1,2,4-Trichlorobenzene	10.410	180	96382	8.170	ng	93
31) Naphthalene	10.593	128	338820	7.983	ng	100
32) Benzoic acid	9.799	122	36920	4.525	ng	88
33) 4-Chloroaniline	10.710	127	138750	8.178	ng	# 94
34) Hexachlorobutadiene	10.881	225	55378	8.030	ng	99
35) Caprolactam	11.487	113	27627	6.937	ng	# 73
36) 4-Chloro-3-methylphenol	11.834	107	100383	7.408	ng	92
37) 2-Methylnaphthalene	12.204	142	229223	8.046	ng	98
38) 1-Methylnaphthalene	12.428	142	210799	7.791	ng	100
40) 1,2,4,5-Tetrachloroben...	12.575	216	99014	8.228	ng	# 96
41) Hexachlorocyclopentadiene	12.552	237	60483	9.483	ng	100
43) 2,4,6-Trichlorophenol	12.816	196	57267	7.096	ng	95

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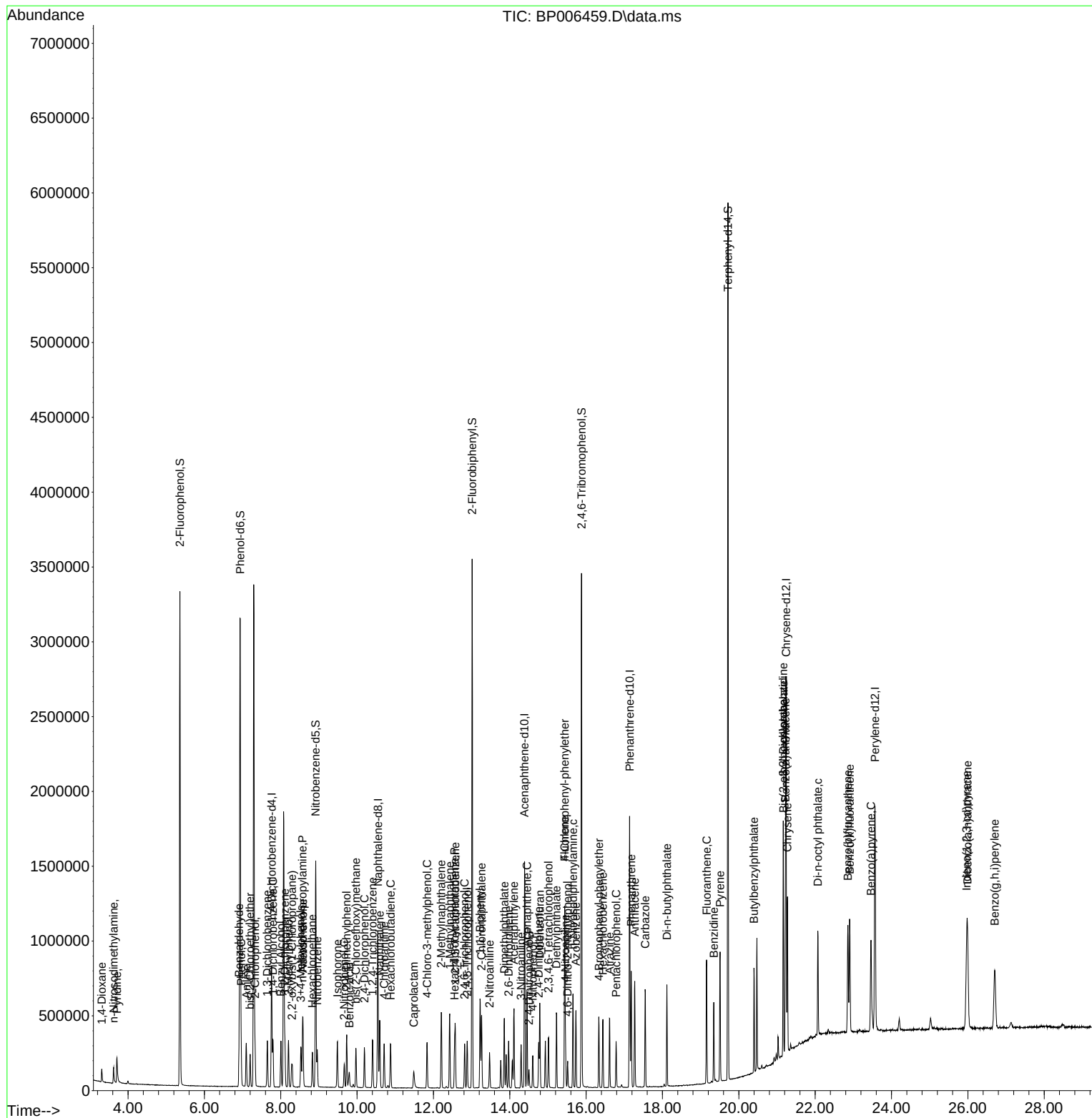
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44) 2,4,5-Trichlorophenol	12.887	196	66343	7.426	ng	# 90
46) 1,1'-Biphenyl	13.222	154	288644	8.270	ng	97
47) 2-Chloronaphthalene	13.263	162	211099	7.854	ng	94
48) 2-Nitroaniline	13.469	65	64113	7.112	ng	87
49) Acenaphthylene	14.110	152	335719	7.862	ng	99
50) Dimethylphthalate	13.857	163	265359	7.995	ng	99
51) 2,6-Dinitrotoluene	13.969	165	51526	7.134	ng	# 69
52) Acenaphthene	14.451	154	206666	7.849	ng	99
53) 3-Nitroaniline	14.299	138	56713	7.085	ng	# 76
54) 2,4-Dinitrophenol	14.504	184	22592	5.763	ng	# 88
55) Dibenzofuran	14.787	168	323401	7.841	ng	92
56) 4-Nitrophenol	14.604	139	47606	6.548	ng	# 87
57) 2,4-Dinitrotoluene	14.757	165	64856	6.727	ng	# 79
58) Fluorene	15.440	166	255476	7.797	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	53225	7.102	ng	# 71
60) Diethylphthalate	15.222	149	271374	7.863	ng	96
61) 4-Chlorophenyl-phenyle...	15.440	204	117766	7.910	ng	# 87
62) 4-Nitroaniline	15.457	138	60624	7.158	ng	91
63) Azobenzene	15.734	77	299098	7.505	ng	92
65) 4,6-Dinitro-2-methylph...	15.516	198	29558	5.425	ng	72
66) n-Nitrosodiphenylamine	15.657	169	218167	7.737	ng	99
67) 4-Bromophenyl-phenylether	16.340	248	65712	7.526	ng	# 88
68) Hexachlorobenzene	16.440	284	79238	8.053	ng	# 89
69) Atrazine	16.616	200	71709	8.267	ng	92
70) Pentachlorophenol	16.787	266	42622	6.968	ng	98
71) Phenanthrene	17.181	178	406509	7.959	ng	98
72) Anthracene	17.275	178	393573	8.043	ng	99
73) Carbazole	17.551	167	372956	7.504	ng	99
74) Di-n-butylphthalate	18.116	149	409330	7.293	ng	99
75) Fluoranthene	19.157	202	436267	7.674	ng	94
77) Benzidine	19.345	184	235891	10.261	ng	98
78) Pyrene	19.510	202	467998	7.600	ng	99
80) Butylbenzylphthalate	20.398	149	175324	6.590	ng	# 84
81) Benzo(a)anthracene	21.222	228	454542	7.559	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	156217	9.802	ng	# 98
83) Chrysene	21.275	228	458395	7.824	ng	100
84) Bis(2-ethylhexyl)phtha...	21.169	149	287640	6.999	ng	# 95
85) Di-n-octyl phthalate	22.069	149	445037	6.395	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.968	276	537600	7.621	ng	# 88
88) Benzo(b)fluoranthene	22.857	252	467568	7.407	ng	# 95
89) Benzo(k)fluoranthene	22.904	252	462710	7.557	ng	# 94
90) Benzo(a)pyrene	23.463	252	441811	7.818	ng	# 94
91) Dibenzo(a,h)anthracene	25.992	278	468900	7.674	ng	# 93
92) Benzo(g,h,i)perylene	26.704	276	456294	7.789	ng	# 88

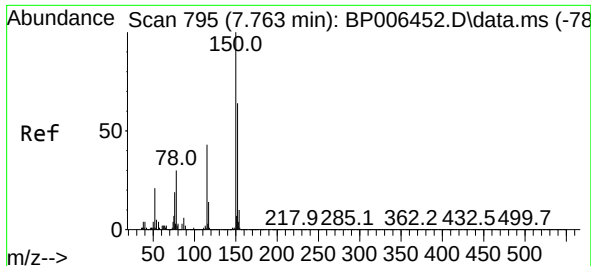
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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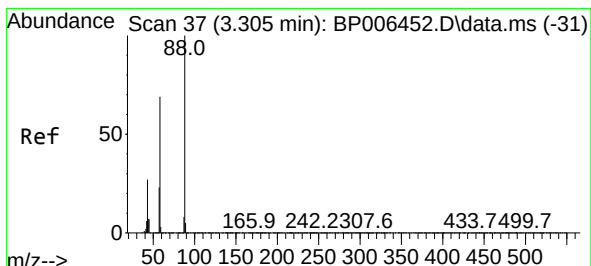
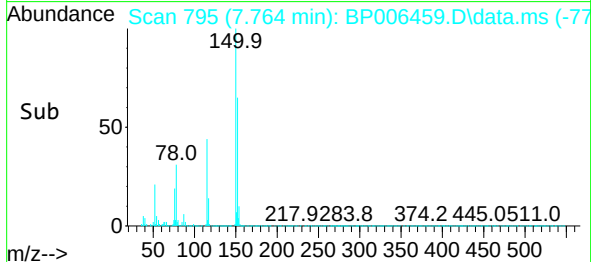
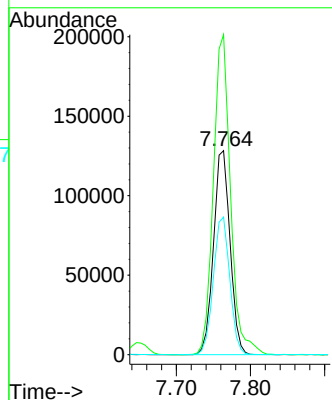
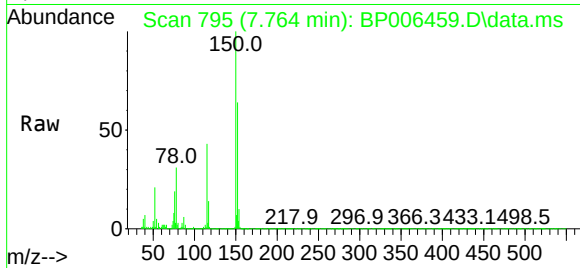




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.764 min Scan# 795
 Delta R.T. 0.001 min
 Lab File: BP006459.D
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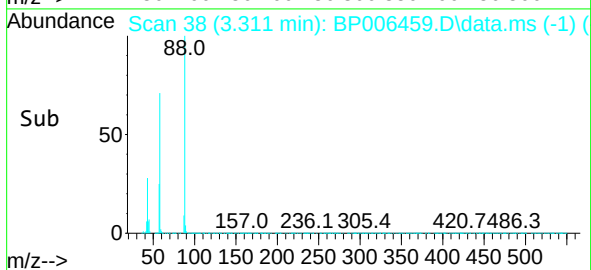
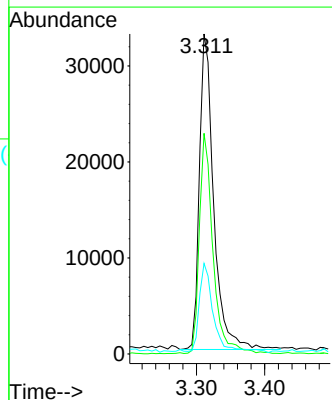
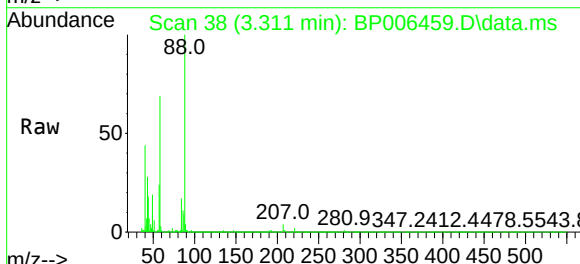
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 LOD-MDL-SOIL-01-QT2-2021

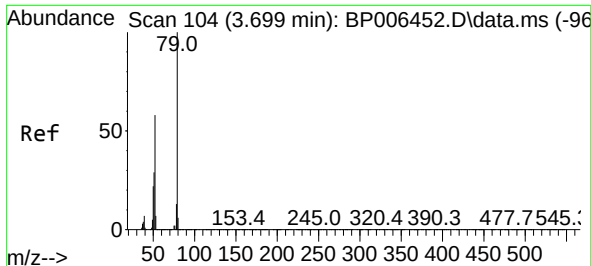
Tgt Ion:152 Resp: 198838
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.6 188.4
 115 67.5 48.5 72.7



#2
 1,4-Dioxane
 Concen: 8.491 ng
 RT: 3.311 min Scan# 38
 Delta R.T. 0.006 min
 Lab File: BP006459.D
 Acq: 02 Aug 2021 20:05

Tgt Ion: 88 Resp: 47975
 Ion Ratio Lower Upper
 88 100
 58 66.9 46.7 70.1
 43 28.3 20.3 30.5

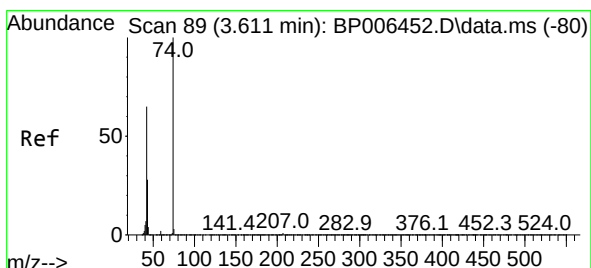
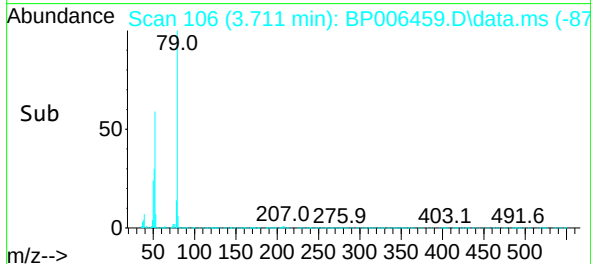
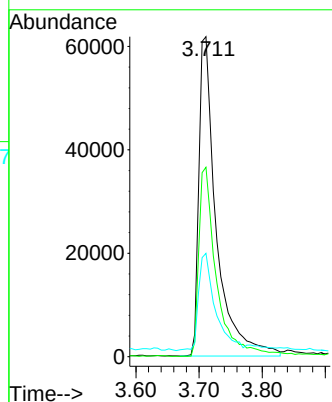
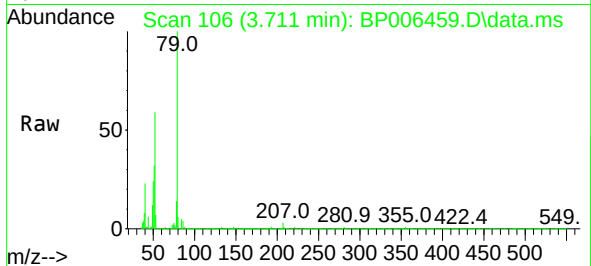




#3
Pyridine
Concen: 7.243 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.012 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

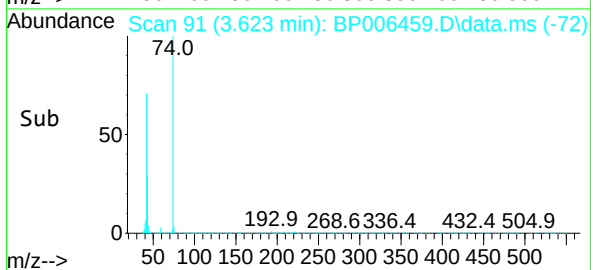
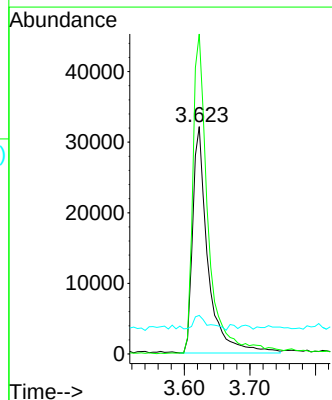
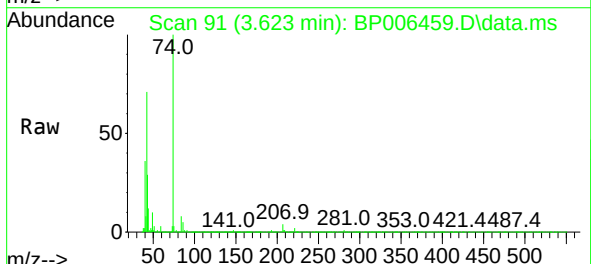
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BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

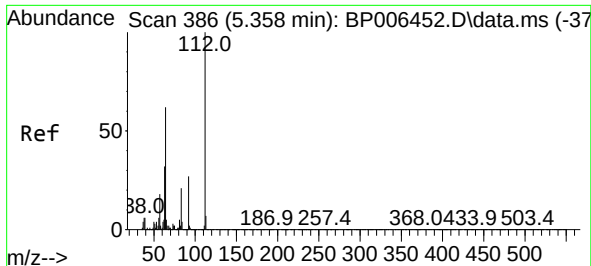
Tgt Ion: 79 Resp: 118187
Ion Ratio Lower Upper
79 100
52 59.2 41.7 62.5
51 32.3 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 8.380 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 42 Resp: 51647
Ion Ratio Lower Upper
42 100
74 140.8 105.4 158.0
44 17.0 4.2 6.4

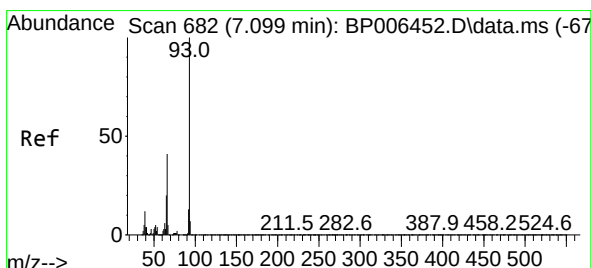
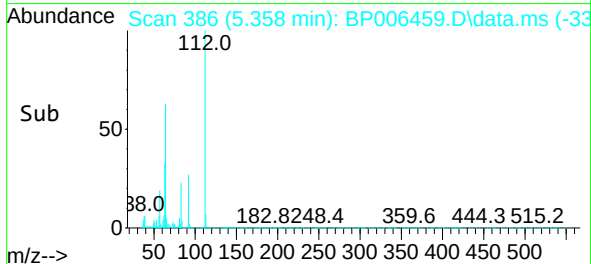
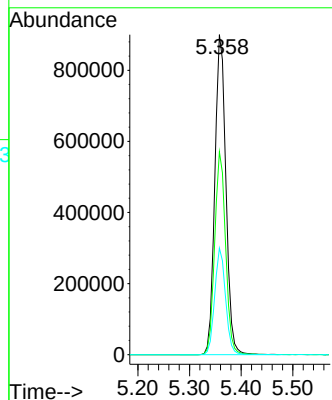
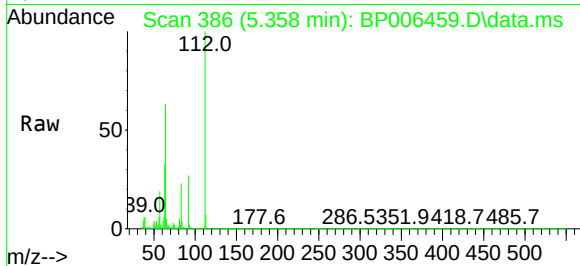




#5
2-Fluorophenol
Concen: 104.884 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

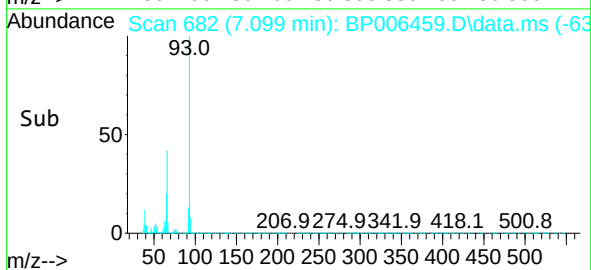
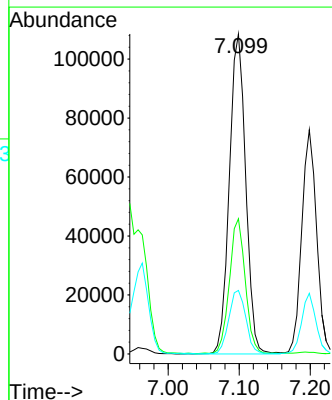
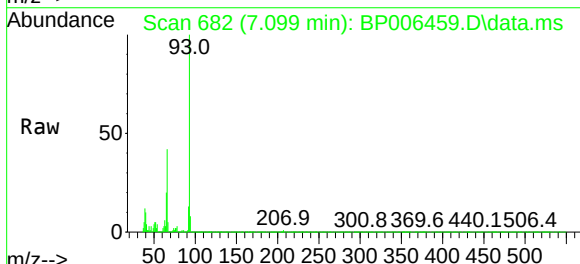
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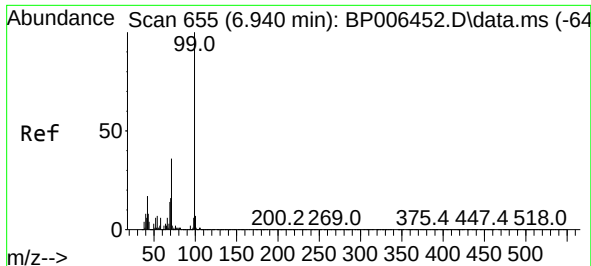
Tgt Ion:112 Resp: 1337300
Ion Ratio Lower Upper
112 100
64 63.4 41.4 62.2#
63 33.3 23.8 35.8



#6
Aniline
Concen: 8.809 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 93 Resp: 173333
Ion Ratio Lower Upper
93 100
66 42.3 29.7 44.5
65 19.8 15.3 22.9



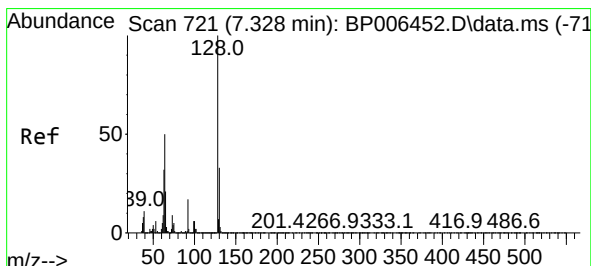
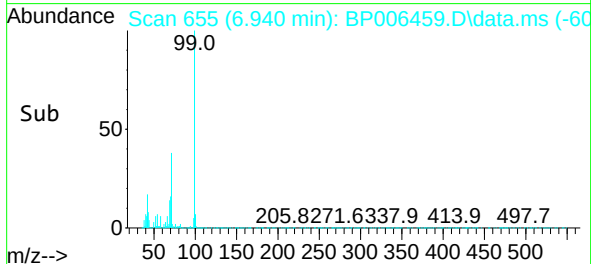
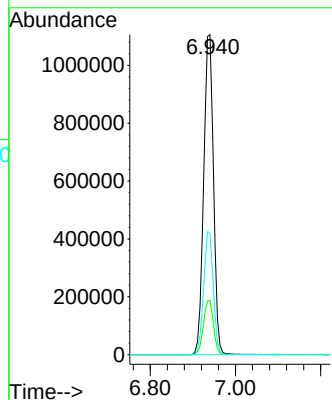
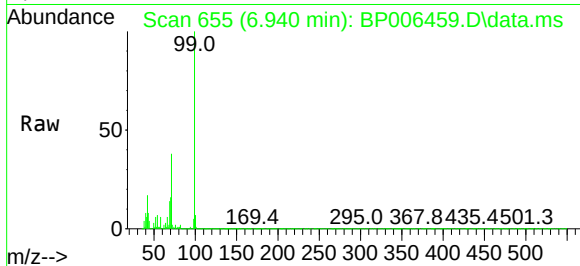


#7
Phenol-d6
Concen: 98.177 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP006459.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 1767289

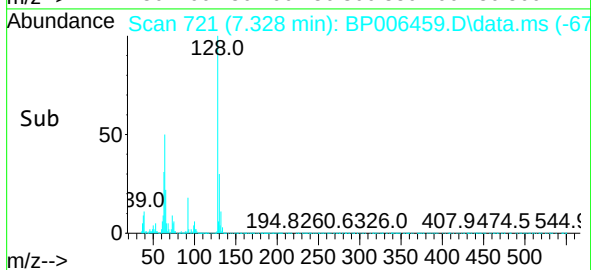
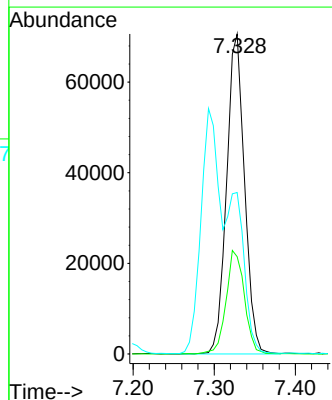
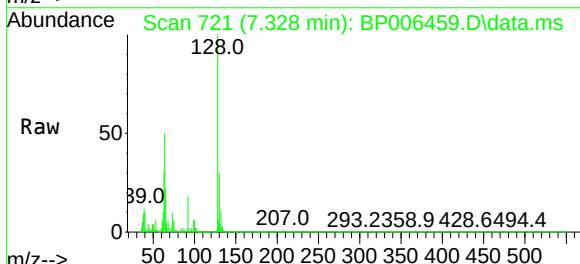
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.0
71	37.9	30.6	46.0

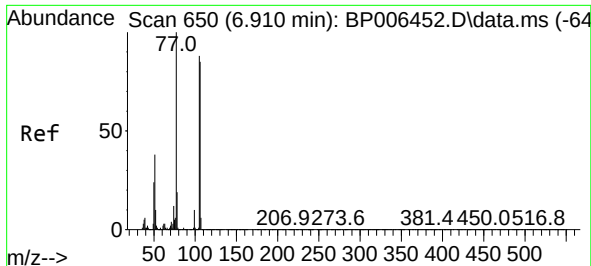


#8
2-Chlorophenol
Concen: 7.854 ng
RT: 7.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 128 Resp: 108323

Ion	Ratio	Lower	Upper
128	100		
130	30.4	12.4	52.4
64	50.4	20.3	60.3

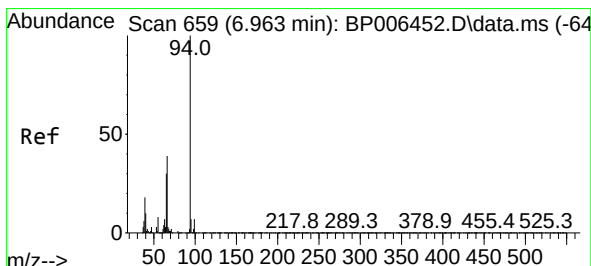
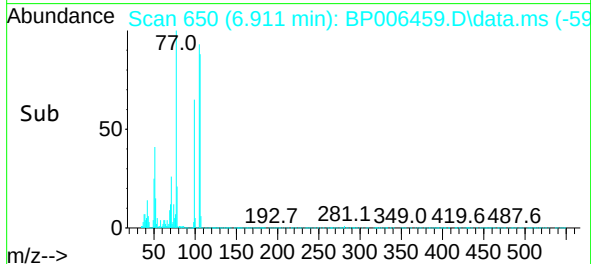
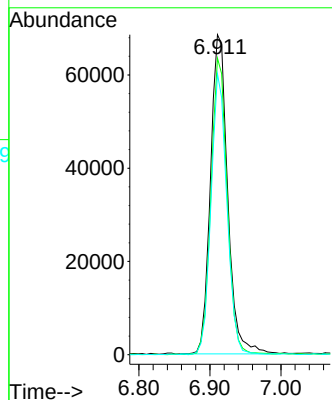
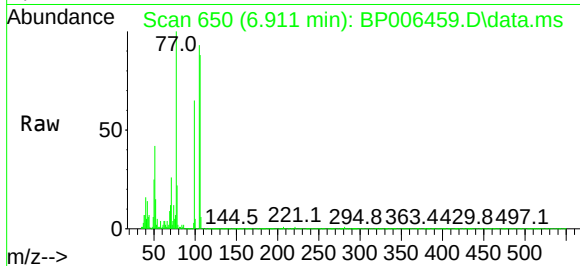




#9
Benzaldehyde
Concen: 10.216 ng
RT: 6.911 min Scan# 650
Delta R.T. 0.000 min
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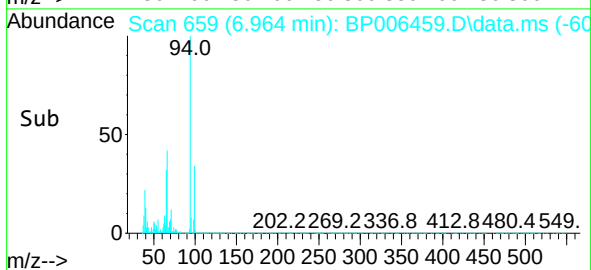
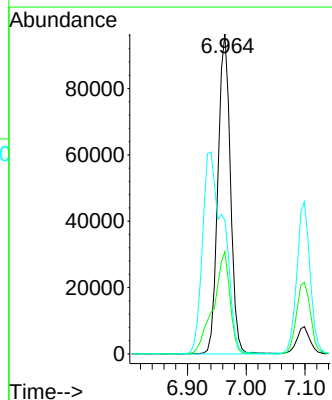
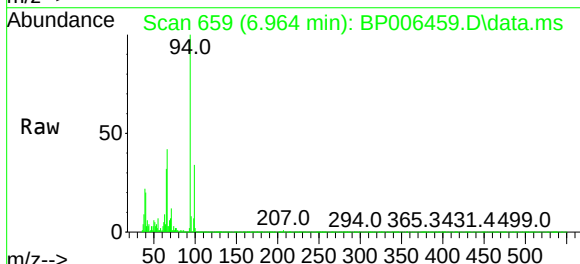
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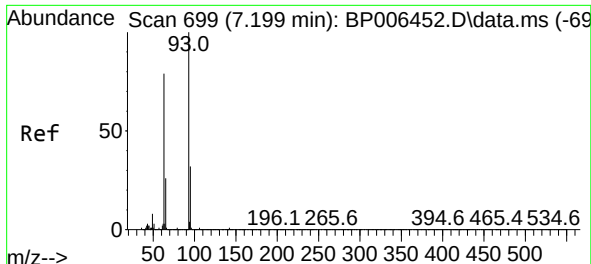
Tgt Ion: 77 Resp: 115240
Ion Ratio Lower Upper
77 100
105 92.6 76.7 116.7
106 87.7 76.2 116.2



#10
Phenol
Concen: 7.839 ng
RT: 6.964 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 94 Resp: 142189
Ion Ratio Lower Upper
94 100
65 31.9 8.8 48.8
66 41.9 20.7 60.7

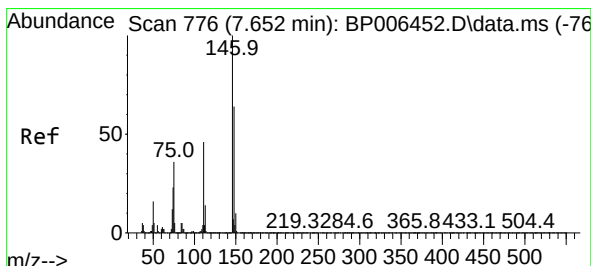
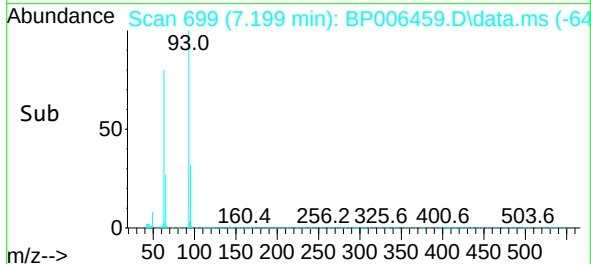
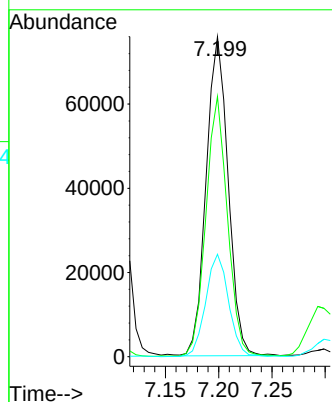
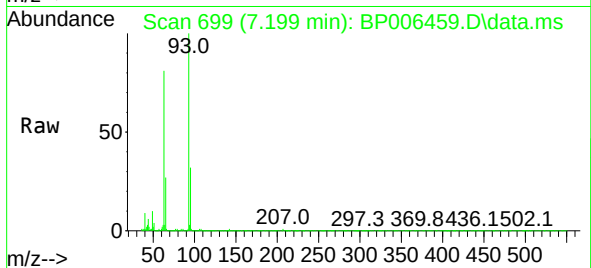




#11
bis(2-Chloroethyl)ether
Concen: 7.863 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

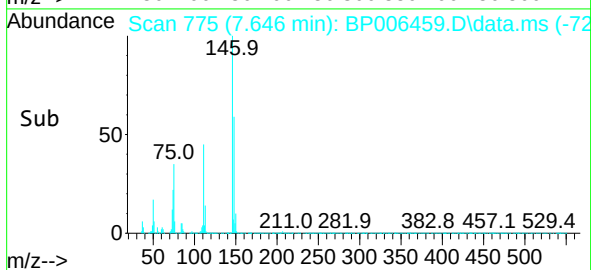
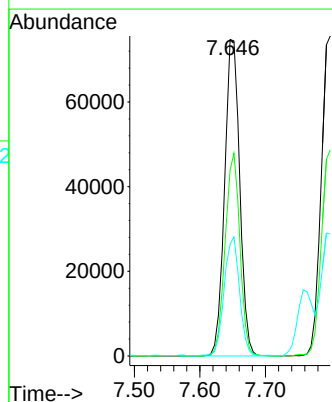
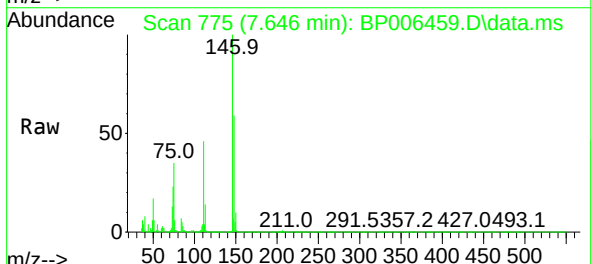
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

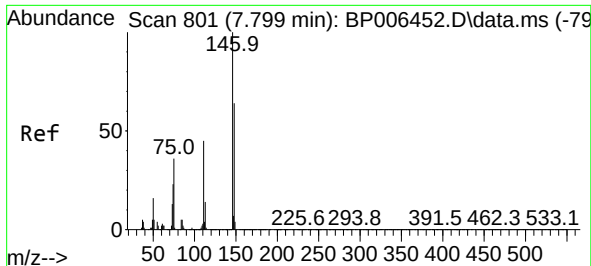
Tgt Ion: 93	Resp: 109171
Ion Ratio	Lower Upper
93 100	
63 81.3	46.2 86.2
95 32.0	12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 8.205 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:146	Resp: 119426
Ion Ratio	Lower Upper
146 100	
148 58.8	51.5 77.3
75 35.3	25.7 38.5

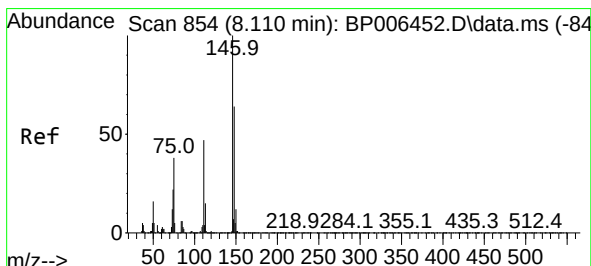
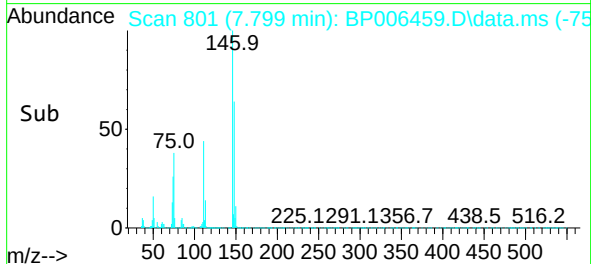
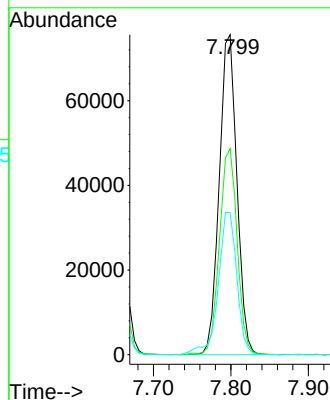
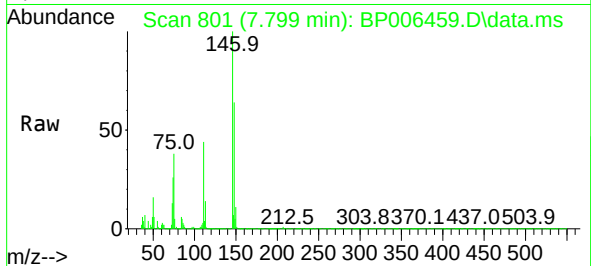




#13
1,4-Dichlorobenzene
Concen: 8.119 ng
RT: 7.799 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

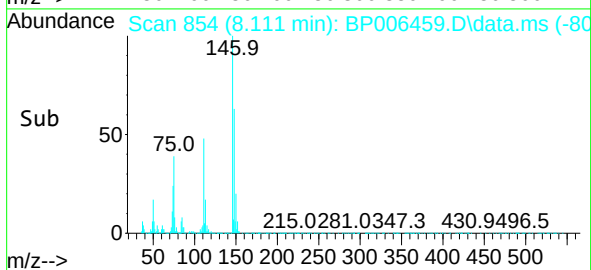
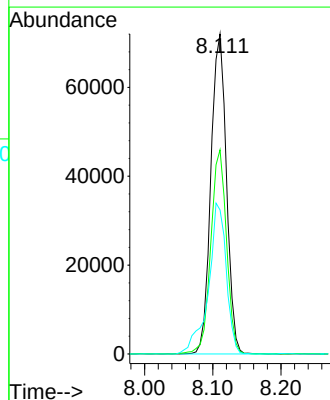
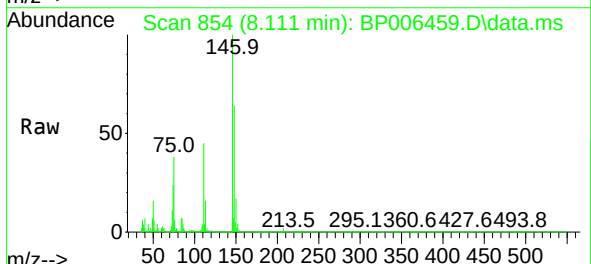
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

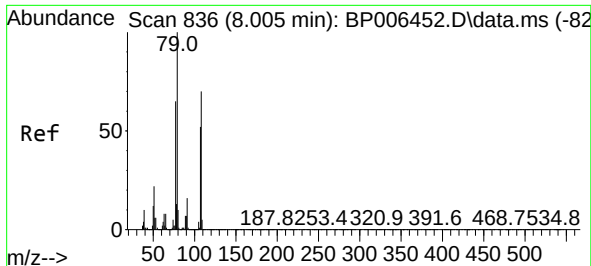
Tgt Ion:146 Resp: 119555
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
111 44.4 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 8.074 ng
RT: 8.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:146 Resp: 114250
Ion Ratio Lower Upper
146 100
148 63.8 50.3 75.5
111 45.0 33.7 50.5

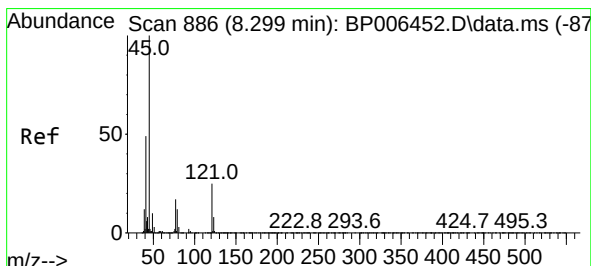
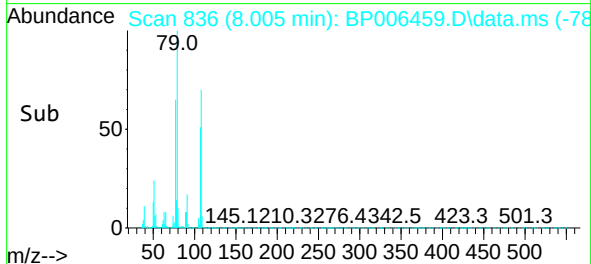
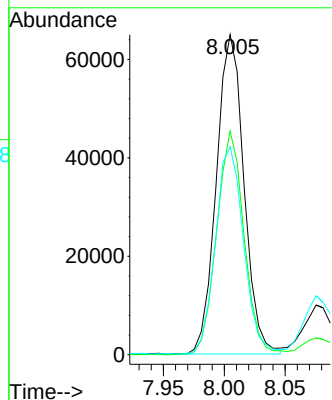
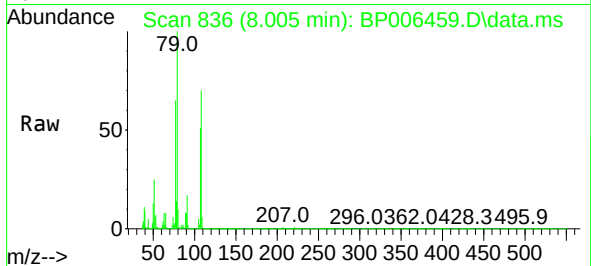




#15
Benzyl Alcohol
Concen: 7.609 ng
RT: 8.005 min Scan# 836
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

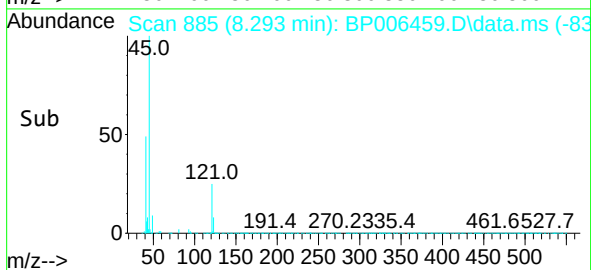
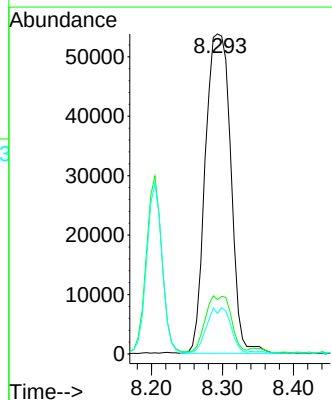
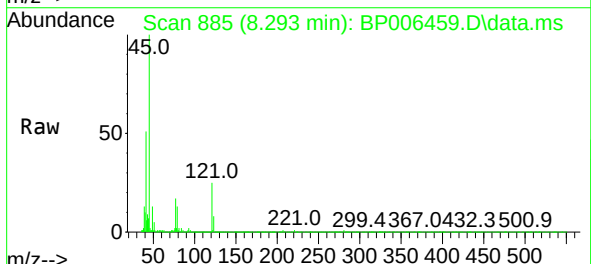
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

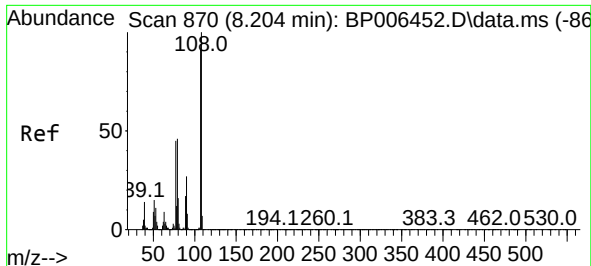
Tgt Ion: 79 Resp: 102560
Ion Ratio Lower Upper
79 100
108 69.9 62.5 93.7
77 65.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.136 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 45 Resp: 133309
Ion Ratio Lower Upper
45 100
77 17.0 2.0 42.0
79 12.7 0.0 36.7

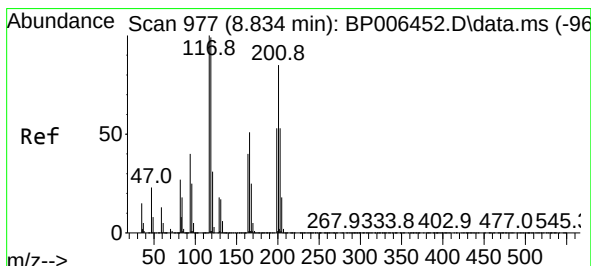
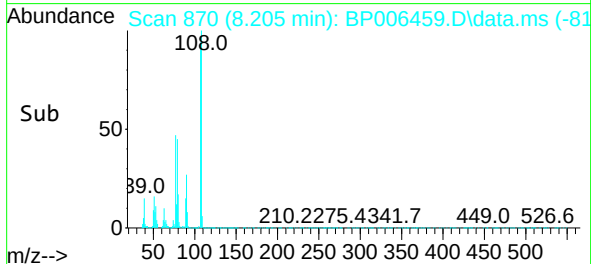
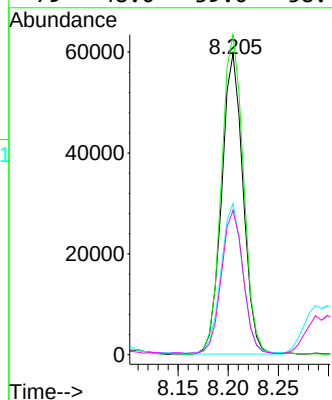
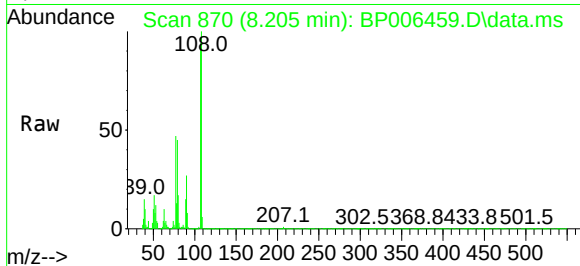




#17
2-Methylphenol
Concen: 7.793 ng
RT: 8.205 min Scan# 870
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

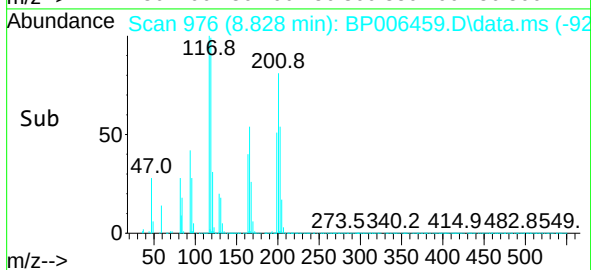
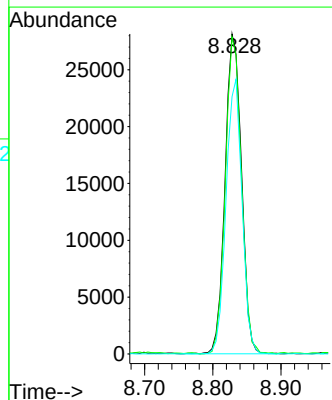
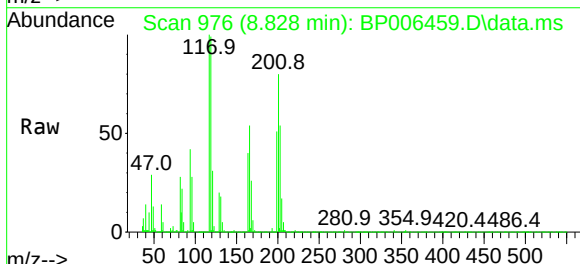
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

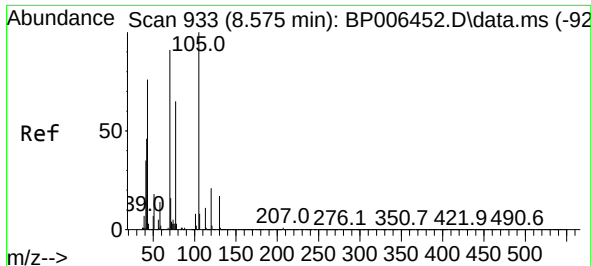
Tgt Ion:	107	Resp:	88438
Ion	Ratio	Lower	Upper
107	100		
108	106.4	87.7	131.5
77	50.2	40.2	60.2
79	48.0	39.0	58.4



#18
Hexachloroethane
Concen: 8.181 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

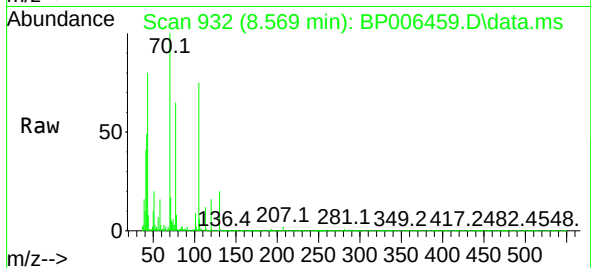
Tgt Ion:	117	Resp:	47208
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.2	114.2
201	80.4	83.4	125.0



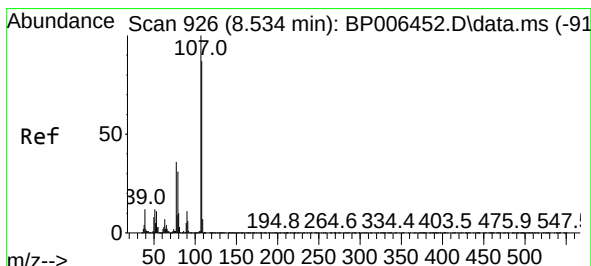
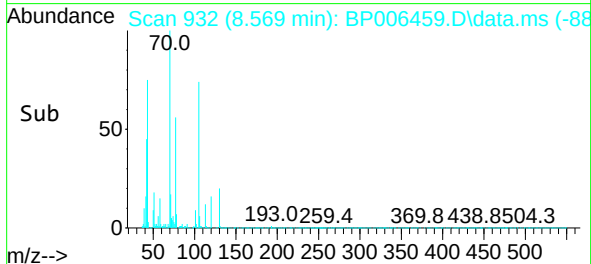
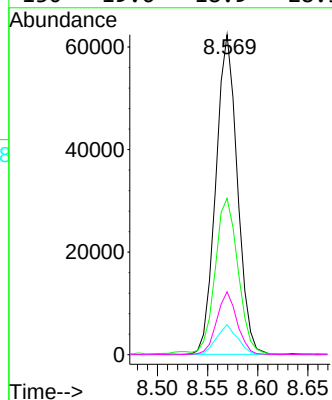


#19
n-Nitroso-di-n-propylamine
Concen: 7.803 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

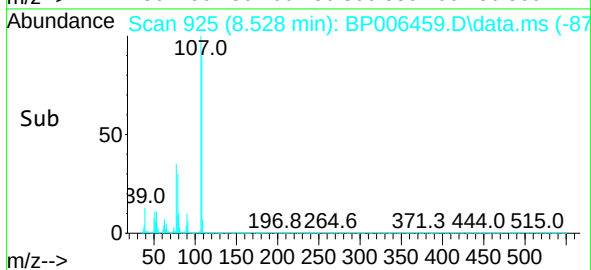
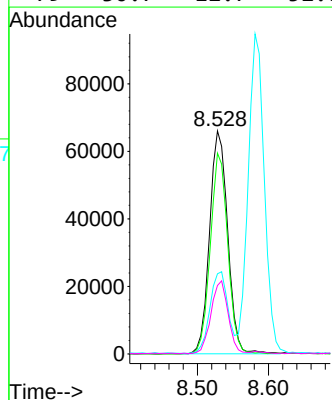
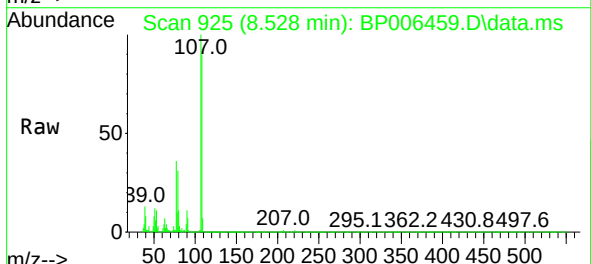


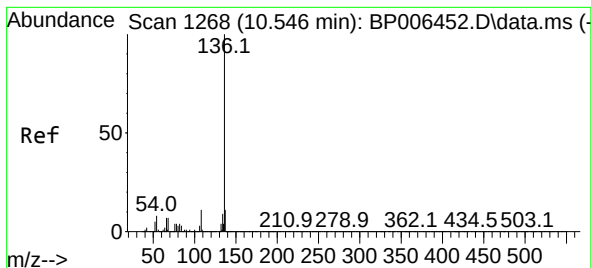
Tgt Ion:	70	Resp:	93130
Ion	Ratio	Lower	Upper
70	100		
42	48.9	40.8	61.2
101	9.4	8.8	13.2
130	19.6	18.9	28.3



#20
3+4-Methylphenols
Concen: 7.541 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:	107	Resp:	116702
Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.0	111.0
77	35.9	16.6	56.6
79	30.7	12.7	52.7

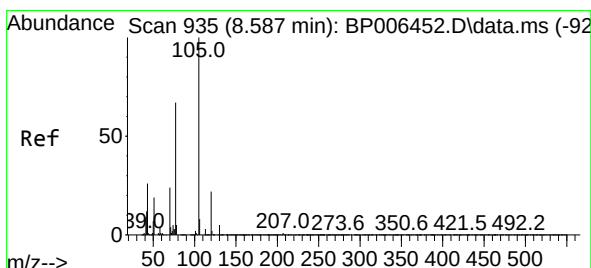
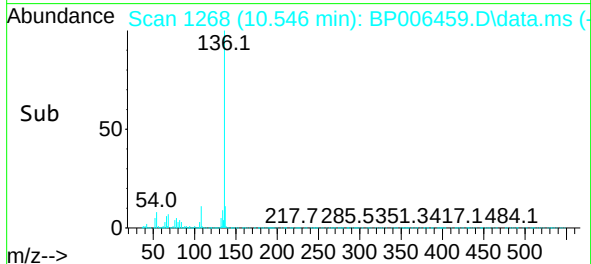
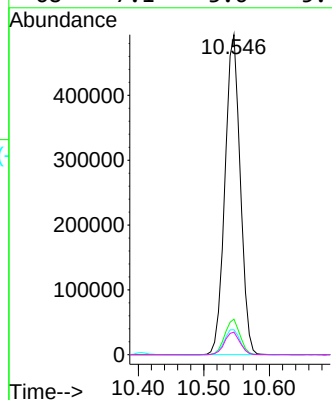
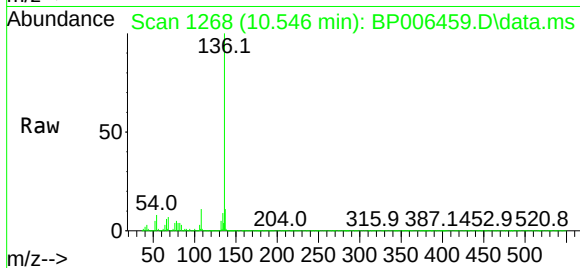




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

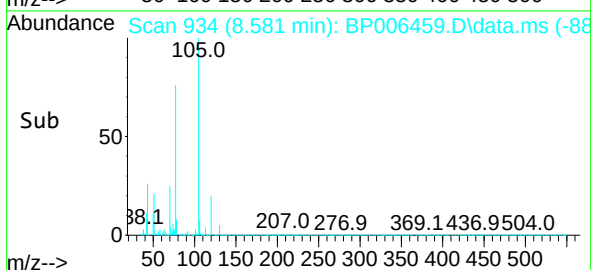
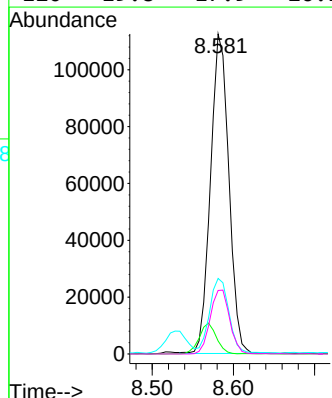
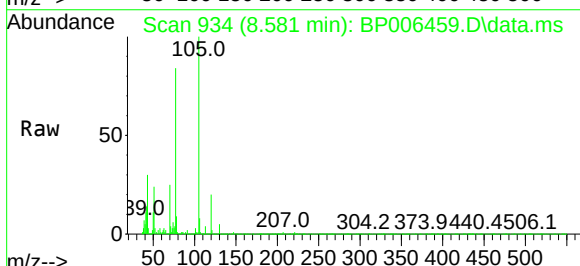
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

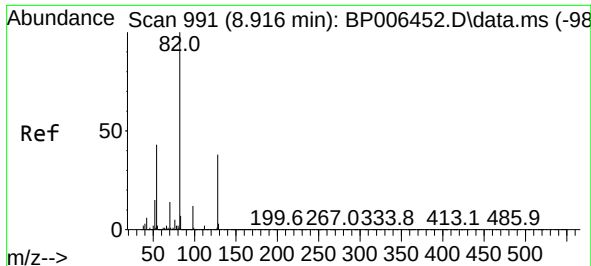
Tgt Ion:	136	Resp:	796699
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.8	4.6	6.8#
68	7.1	3.6	5.4#



#22
Acetophenone
Concen: 8.388 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:	105	Resp:	176198
Ion	Ratio	Lower	Upper
105	100		
71	4.1	1.9	2.9#
51	23.6	18.4	27.6
120	19.8	17.9	26.9

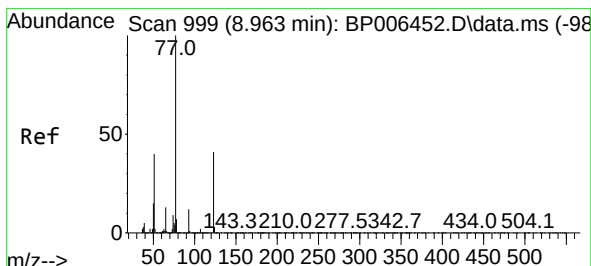
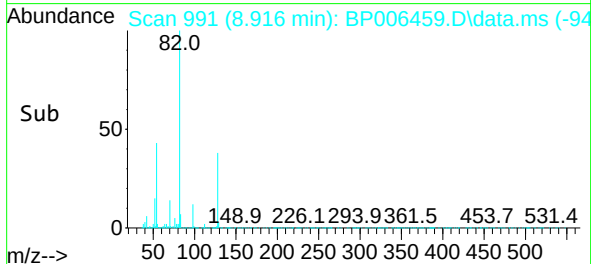
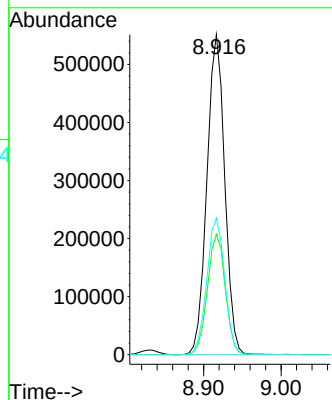
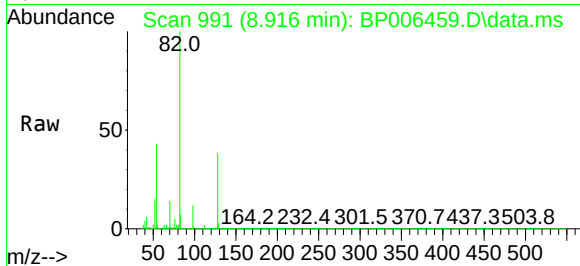




#23
Nitrobenzene-d5
Concen: 52.002 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

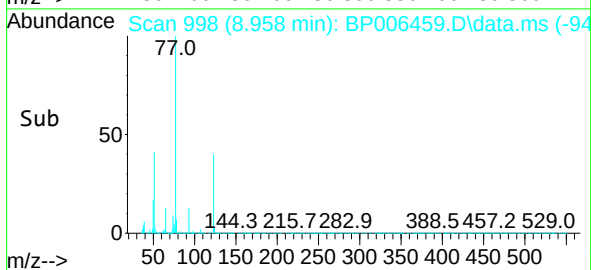
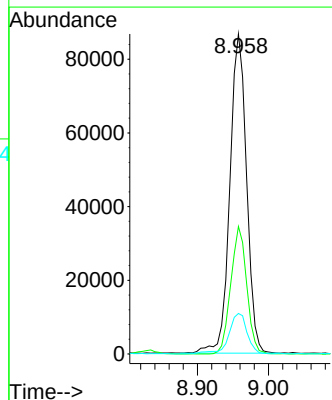
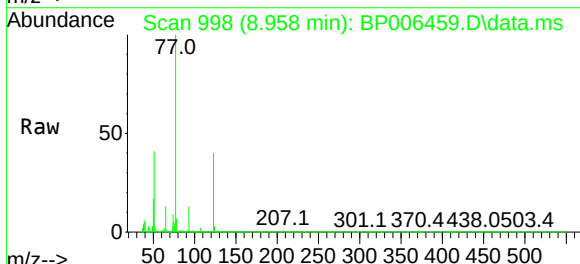
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

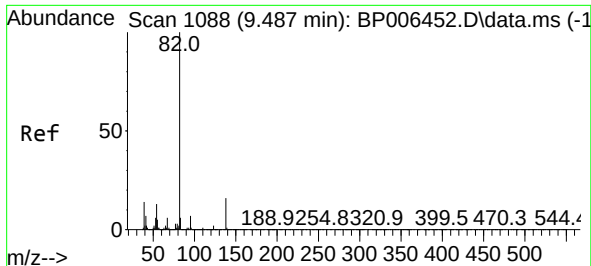
Tgt Ion: 82 Resp: 878745
Ion Ratio Lower Upper
82 100
128 37.7 35.7 53.5
54 42.6 35.0 52.4



#24
Nitrobenzene
Concen: 8.065 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 77 Resp: 141471
Ion Ratio Lower Upper
77 100
123 39.8 38.2 57.2
65 12.7 11.4 17.2

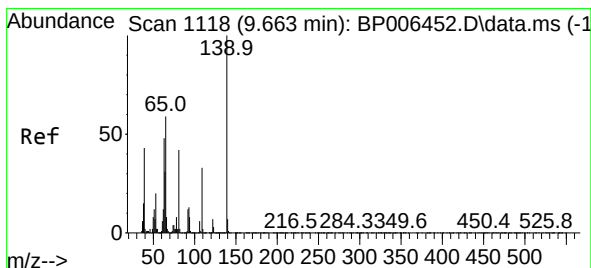
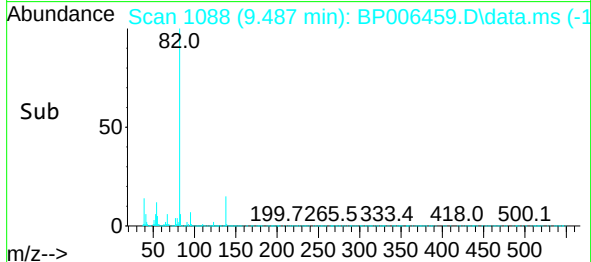
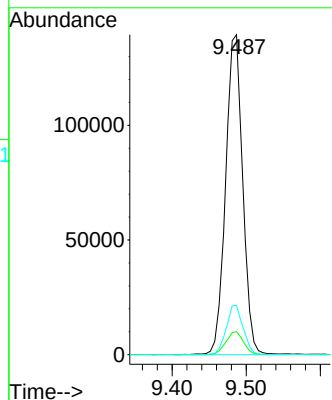
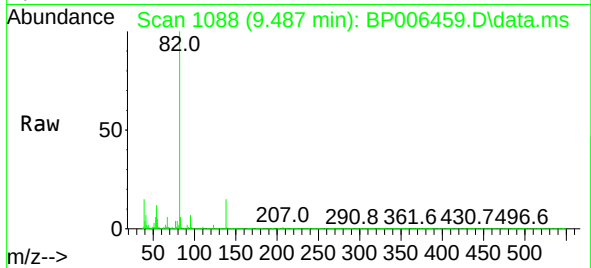




#25
Isophorone
Concen: 7.402 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

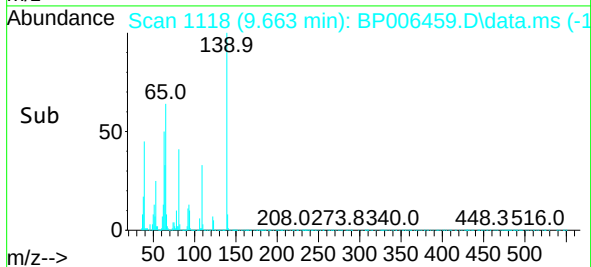
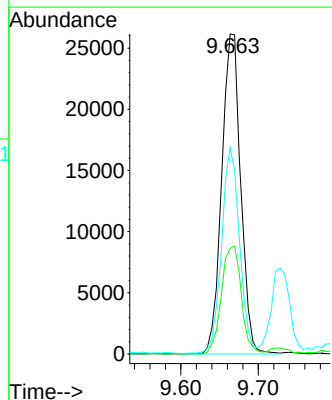
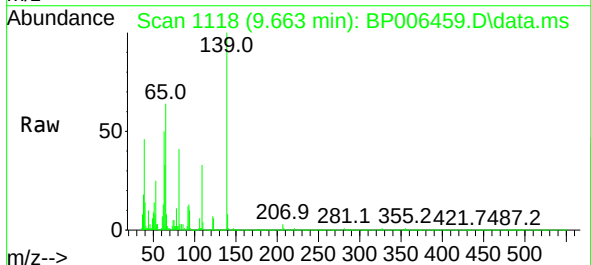
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

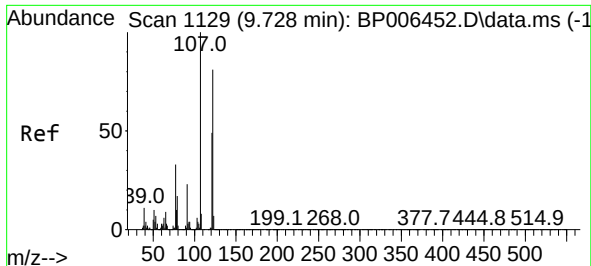
Tgt Ion:	82	Resp:	223333
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.5	9.7
138	15.4	15.0	22.4



#26
2-Nitrophenol
Concen: 7.101 ng
RT: 9.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:	139	Resp:	44586
Ion	Ratio	Lower	Upper
139	100		
109	32.9	28.8	43.2
65	64.4	41.0	61.6

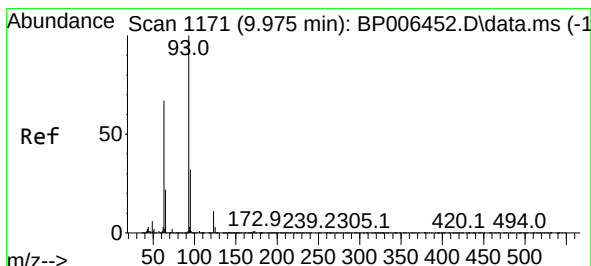
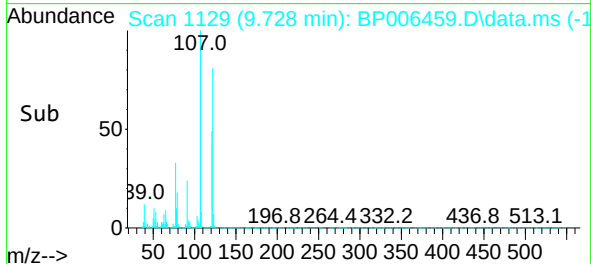
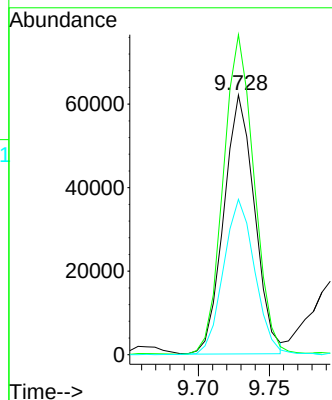
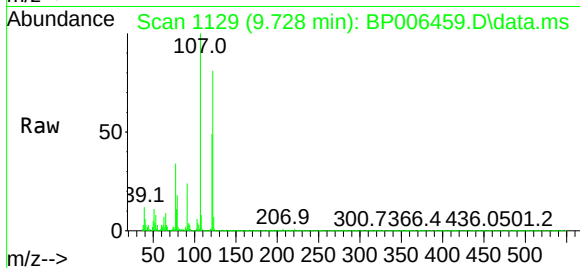




#27
2,4-Dimethylphenol
Concen: 8.713 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

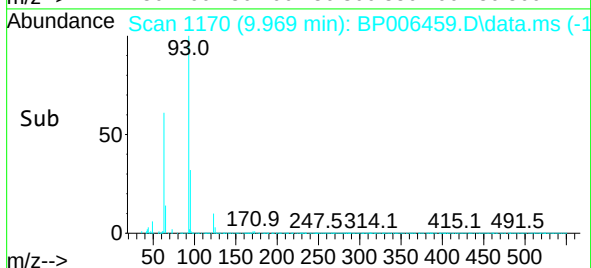
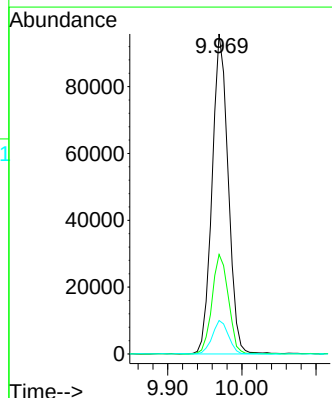
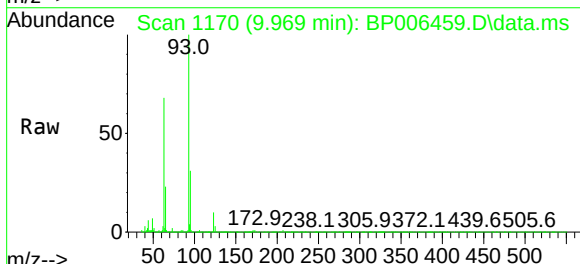
Instrument :
BNA_P
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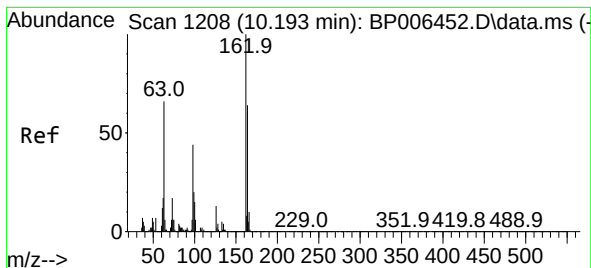
Tgt Ion:122 Resp: 93617
Ion Ratio Lower Upper
122 100
107 123.2 94.5 141.7
121 59.8 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 8.735 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 93 Resp: 144113
Ion Ratio Lower Upper
93 100
95 31.1 25.9 38.9
123 10.5 10.2 15.2

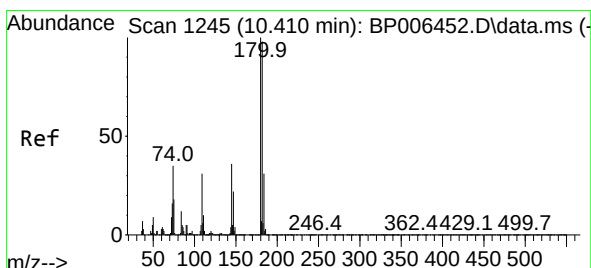
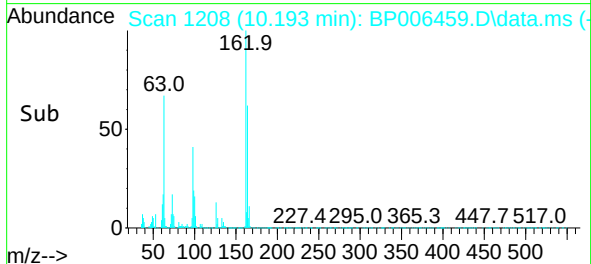
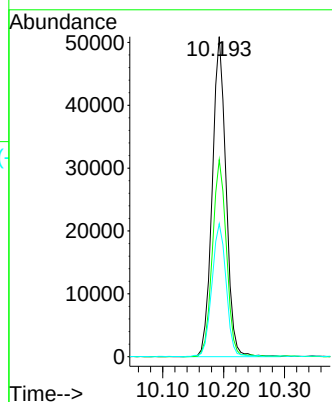
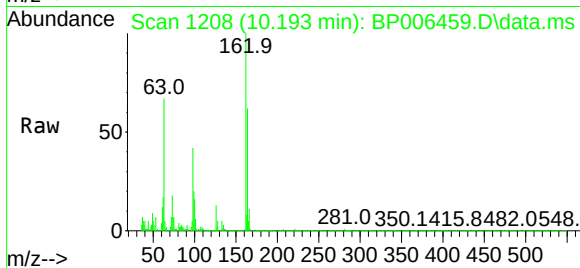




#29
2,4-Dichlorophenol
Concen: 7.355 ng
RT: 10.193 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

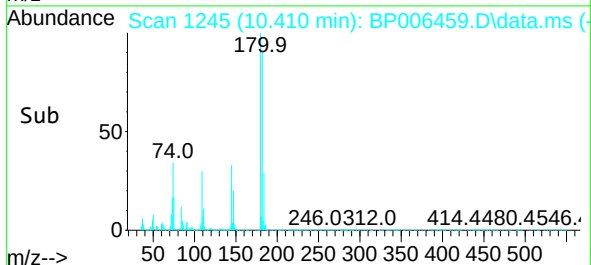
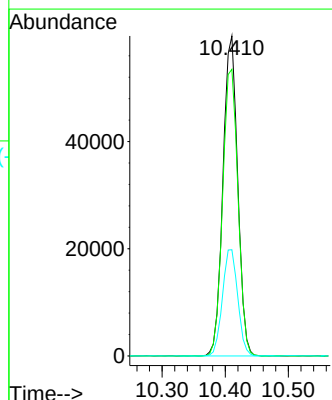
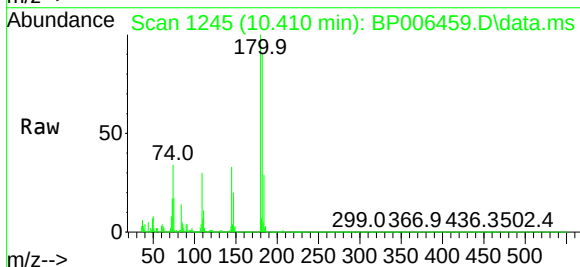
Instrument :
BNA_P
ClientSampleId :
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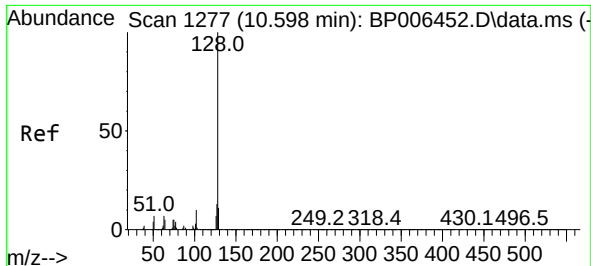
Tgt Ion:162 Resp: 79892
Ion Ratio Lower Upper
162 100
164 61.5 44.9 84.9
98 41.5 14.3 54.3



#30
1,2,4-Trichlorobenzene
Concen: 8.170 ng
RT: 10.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:180 Resp: 96382
Ion Ratio Lower Upper
180 100
182 89.6 77.9 116.9
145 33.2 24.7 37.1

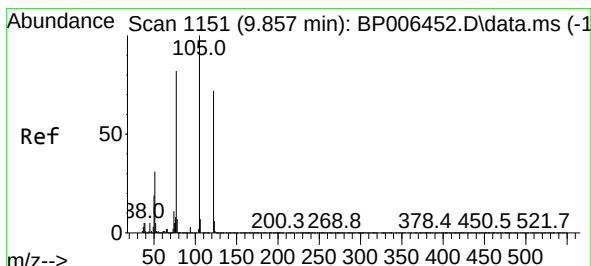
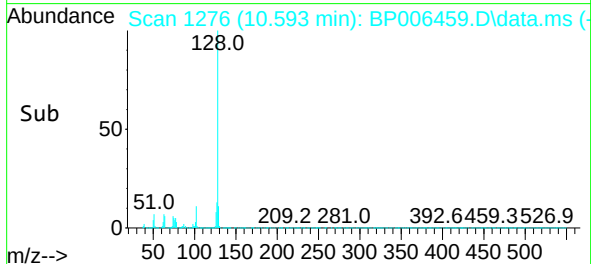
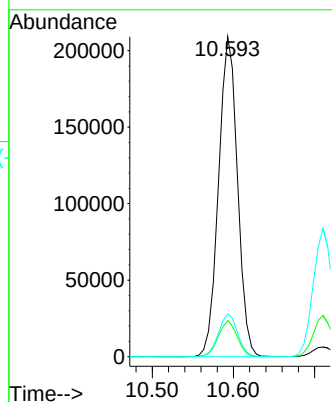
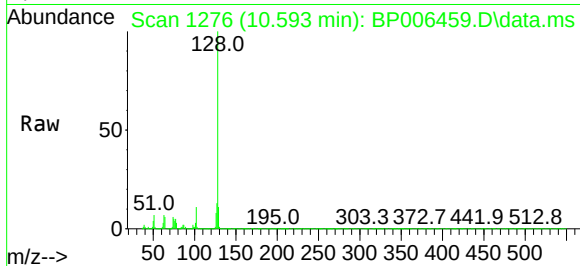




#31
Naphthalene
Concen: 7.983 ng
RT: 10.593 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

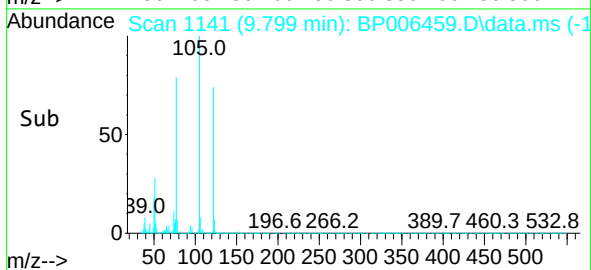
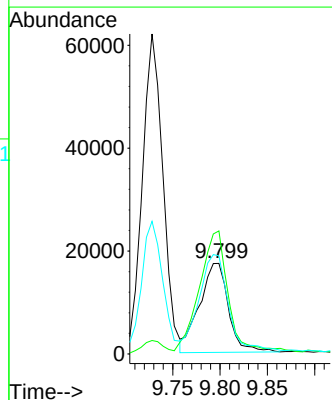
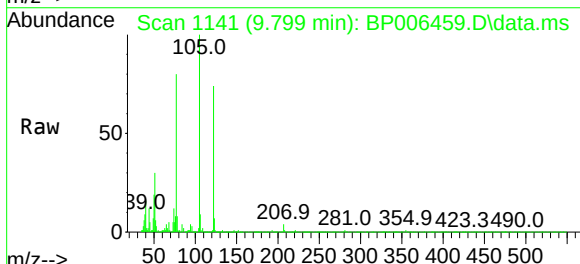
Instrument :
BNA_P
ClientSampleId :
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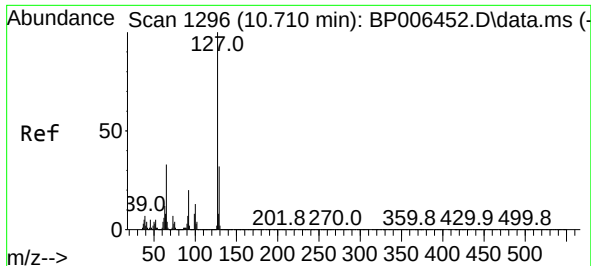
Tgt Ion:128 Resp: 338820
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 4.525 ng
RT: 9.799 min Scan# 1141
Delta R.T. -0.059 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:122 Resp: 36920
Ion Ratio Lower Upper
122 100
105 135.8 103.2 143.2
77 108.2 76.2 116.2

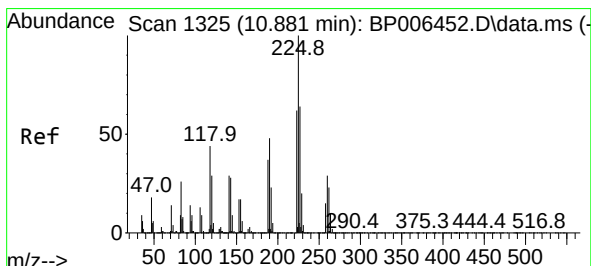
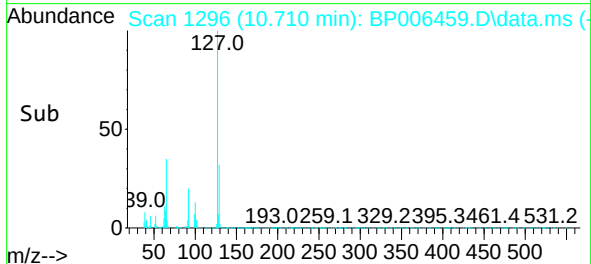
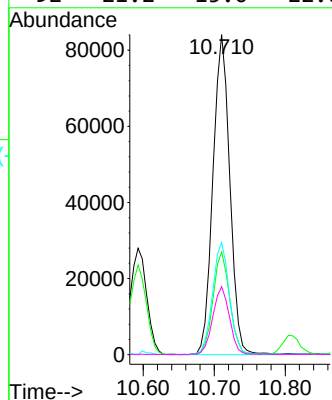
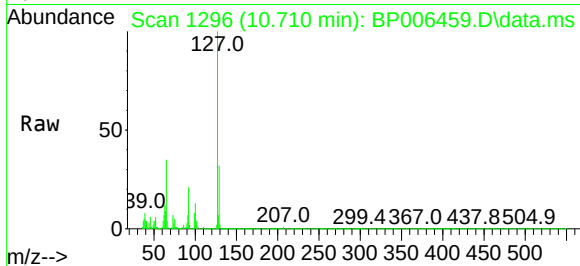




#33
4-Chloroaniline
Concen: 8.178 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

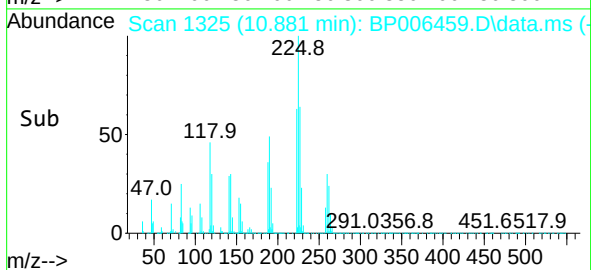
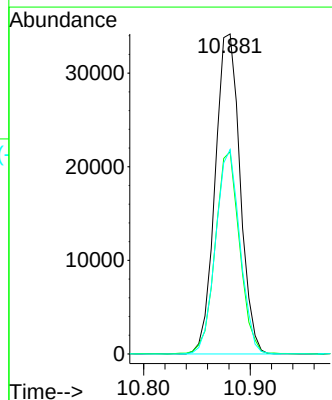
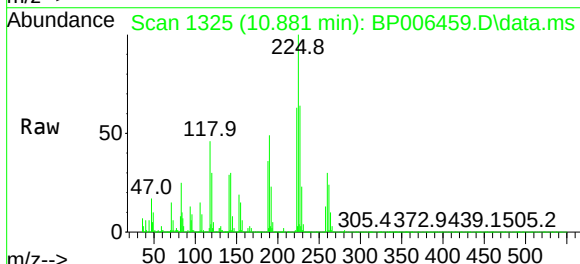
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

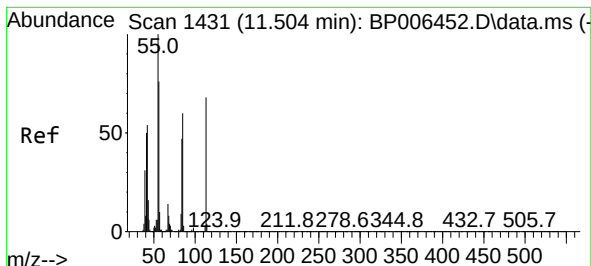
Tgt Ion:	127	Resp:	138750
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	35.0	22.5	33.7#
92	21.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 8.030 ng
RT: 10.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:	225	Resp:	55378
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.9	51.4	77.2

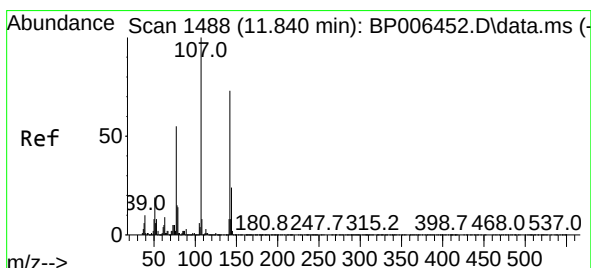
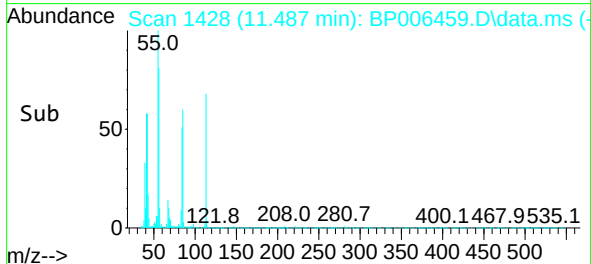
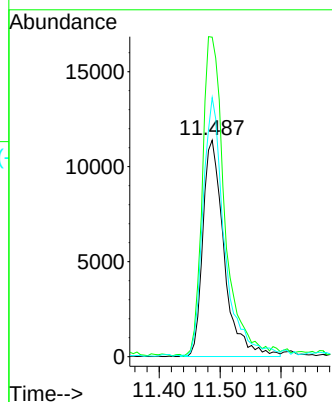
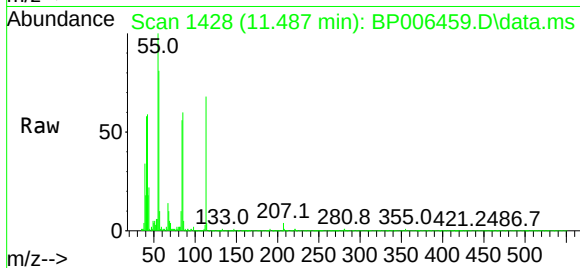




#35
Caprolactam
Concen: 6.937 ng
RT: 11.487 min Scan# 1428
Delta R.T. -0.017 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

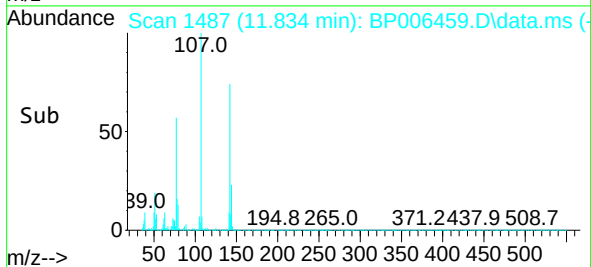
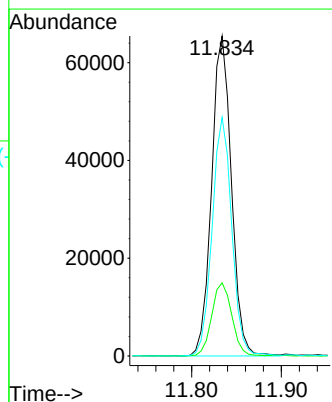
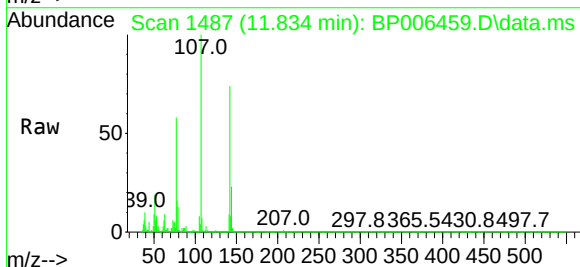
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

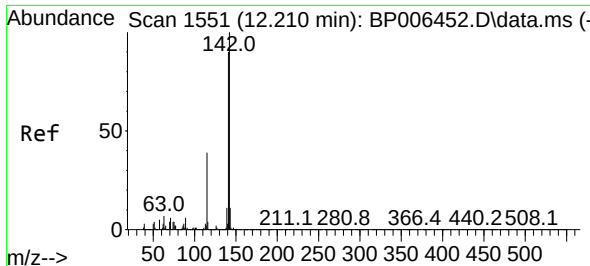
Tgt Ion:113 Resp: 27627
Ion Ratio Lower Upper
113 100
55 147.6 98.9 138.9#
56 119.7 71.7 111.7#



#36
4-Chloro-3-methylphenol
Concen: 7.408 ng
RT: 11.834 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:107 Resp: 100383
Ion Ratio Lower Upper
107 100
144 22.8 21.1 31.7
142 74.5 66.0 99.0

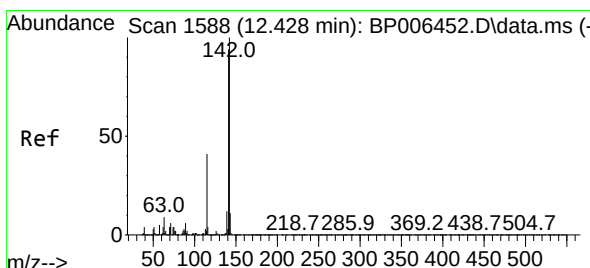
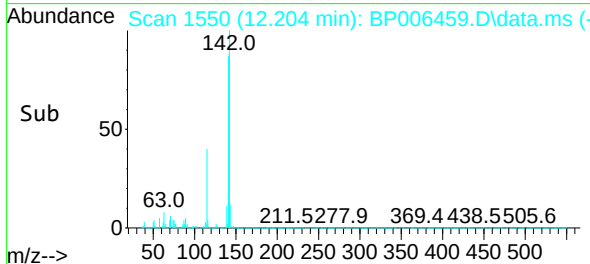
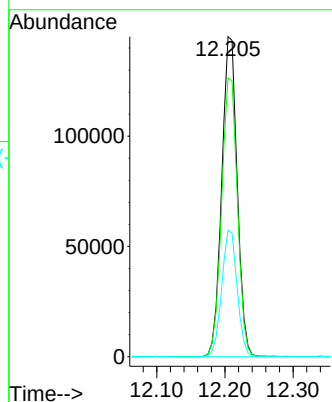
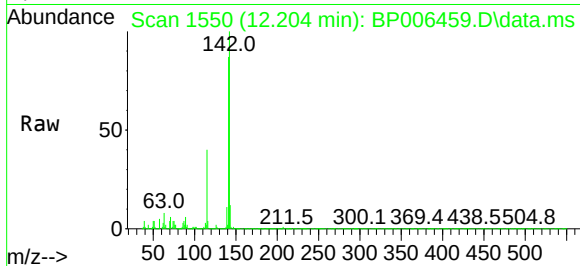




#37
2-Methylnaphthalene
Concen: 8.046 ng
RT: 12.204 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

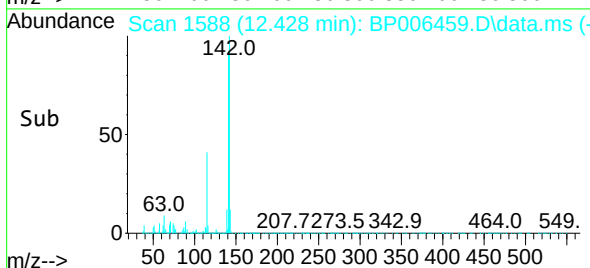
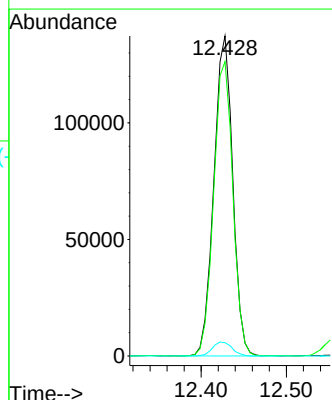
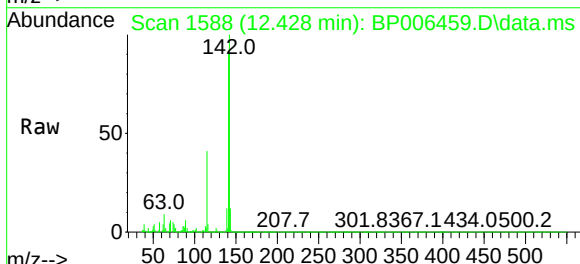
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

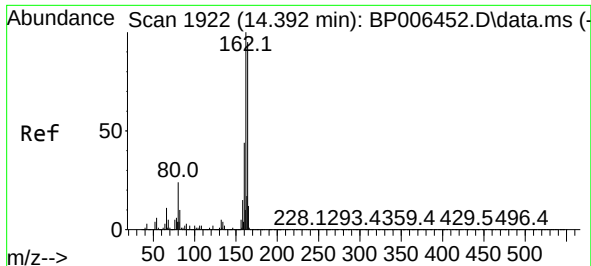
Tgt Ion:142 Resp: 229223
Ion Ratio Lower Upper
142 100
141 87.1 71.8 107.6
115 39.6 31.6 47.4



#38
1-Methylnaphthalene
Concen: 7.791 ng
RT: 12.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:142 Resp: 210799
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9
116 4.1 3.5 5.3

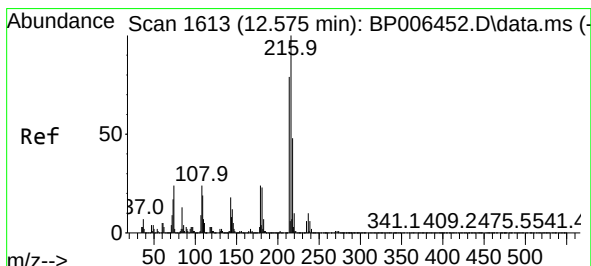
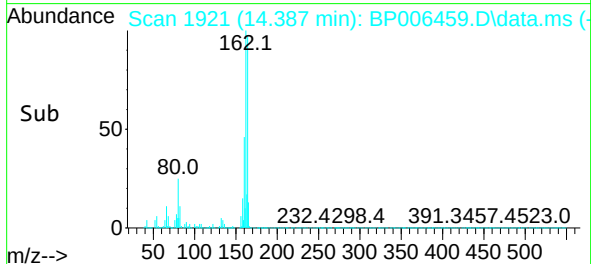
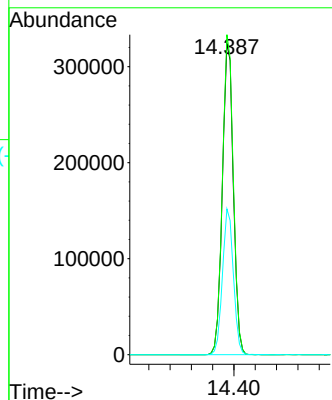
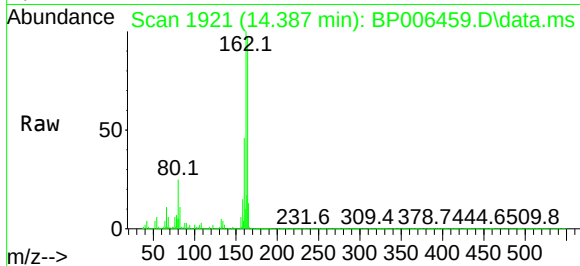




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.005 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

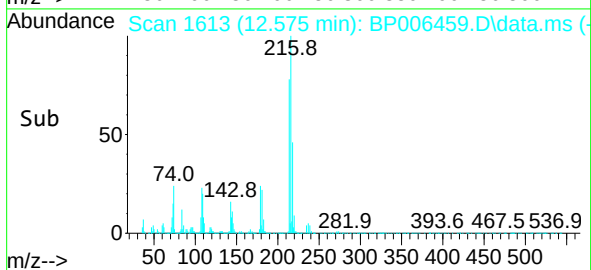
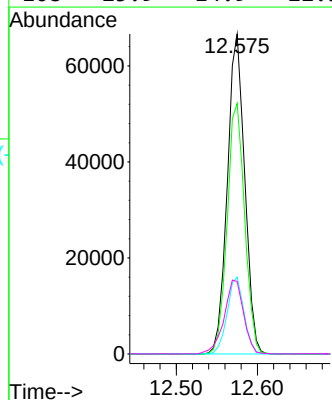
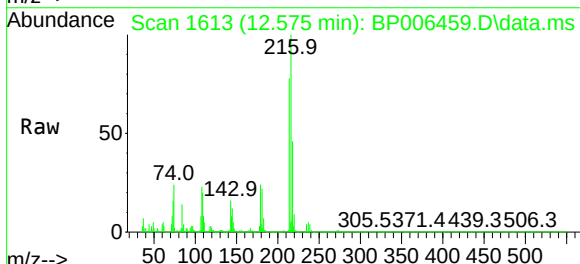
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

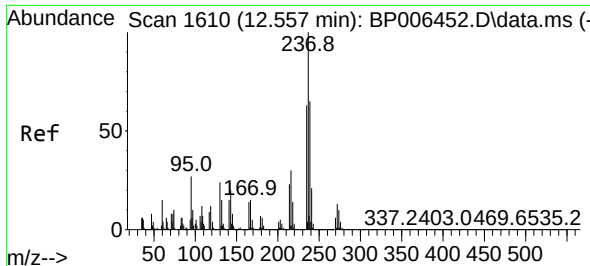
Tgt Ion:164 Resp: 461712
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 46.9 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.228 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:216 Resp: 99014
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 23.3 16.8 25.2
108 25.9 14.9 22.3#

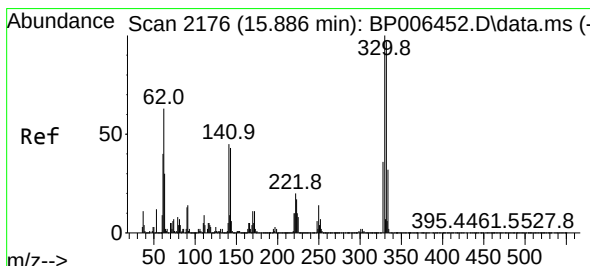
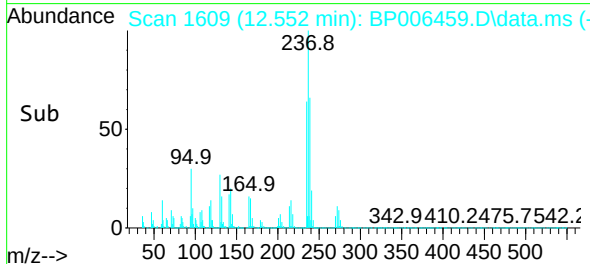
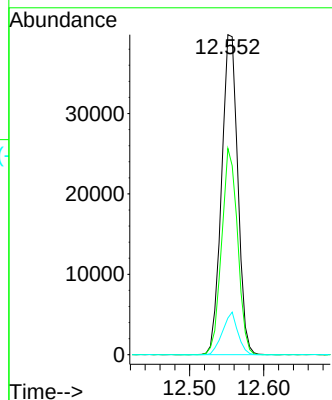
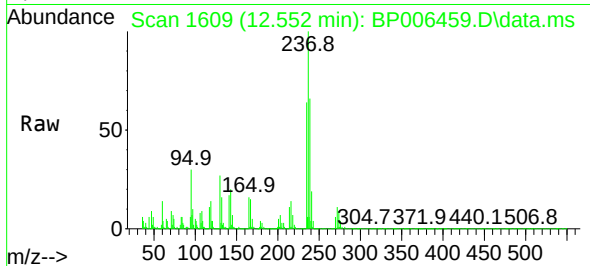




#41
Hexachlorocyclopentadiene
Concen: 9.483 ng
RT: 12.552 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

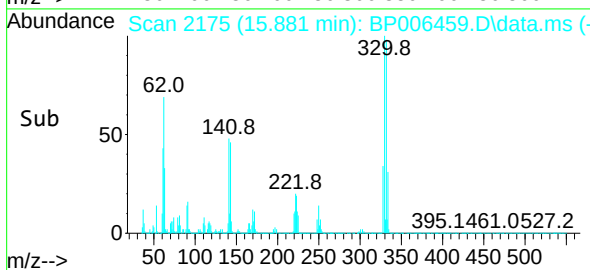
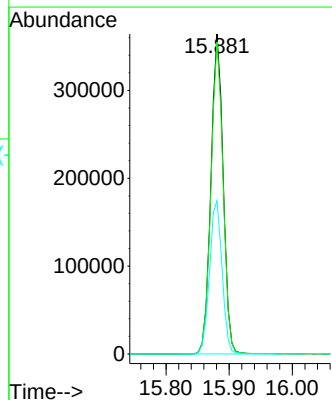
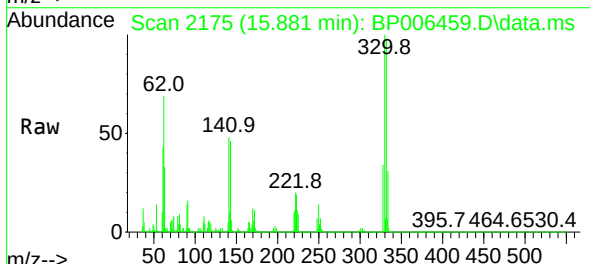
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

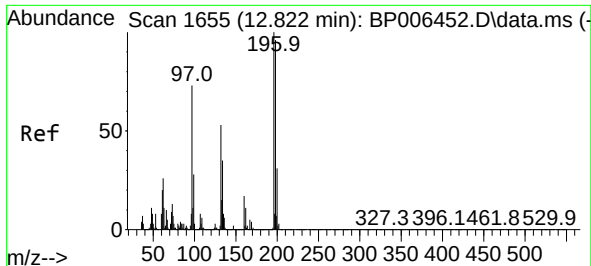
Tgt Ion:	237	Resp:	60483
Ion Ratio	Lower	Upper	
237	100		
235	64.5	44.5	84.5
272	11.5	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 103.483 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:	330	Resp:	488554
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.8	116.8
141	49.1	25.4	38.2#

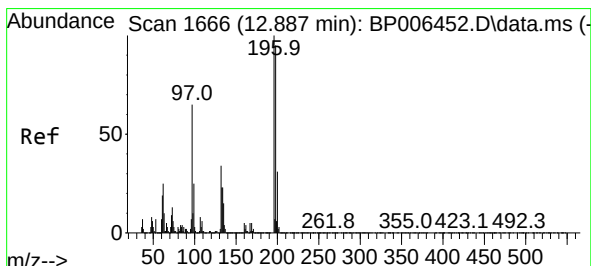
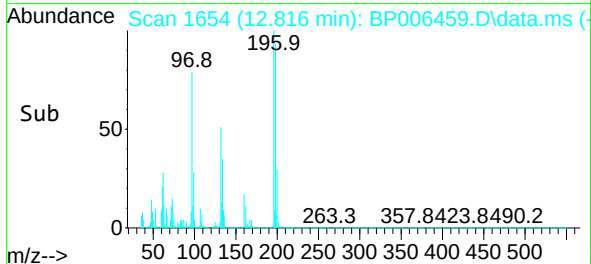
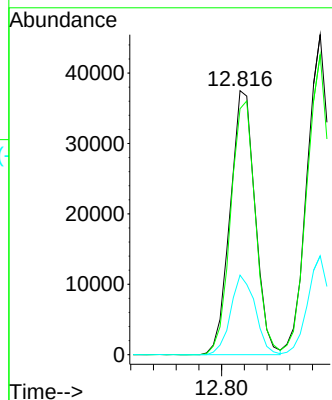
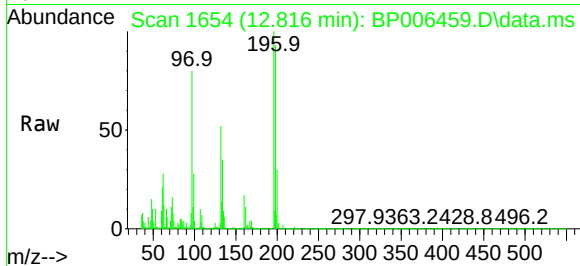




#43
2,4,6-Trichlorophenol
Concen: 7.096 ng
RT: 12.816 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

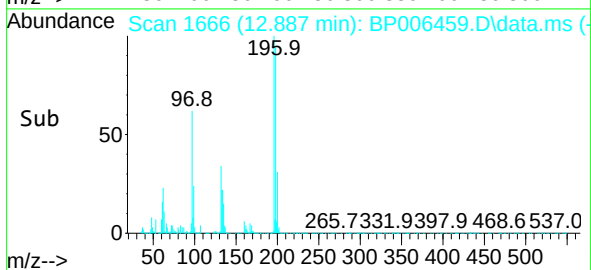
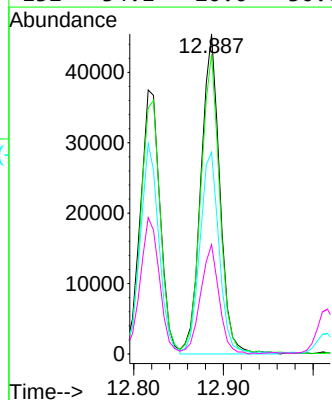
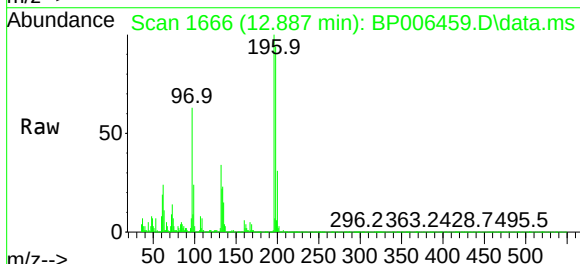
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

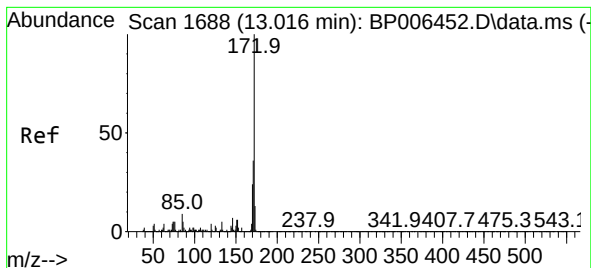
Tgt Ion:196 Resp: 57267
Ion Ratio Lower Upper
196 100
198 93.2 79.5 119.3
200 30.1 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 7.426 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:196 Resp: 66343
Ion Ratio Lower Upper
196 100
198 93.8 74.7 112.1
97 63.0 37.4 56.0#
132 34.1 20.0 30.0#

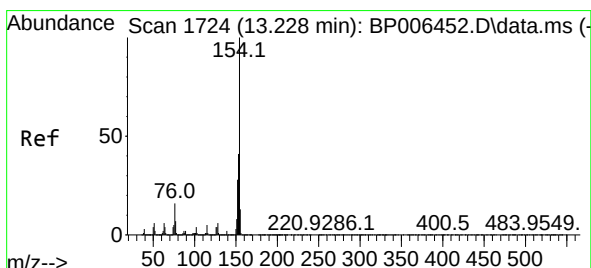
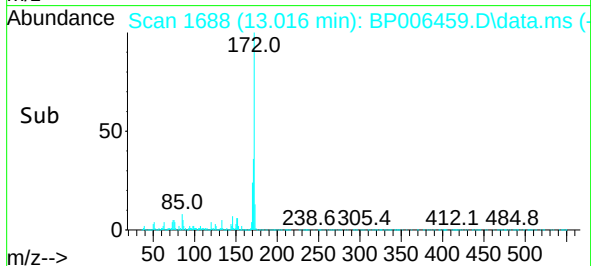
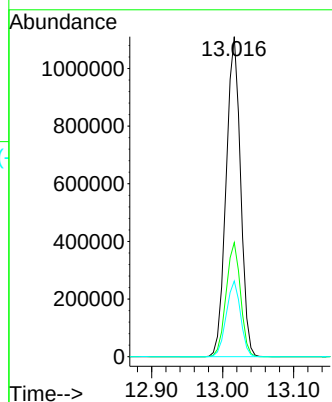
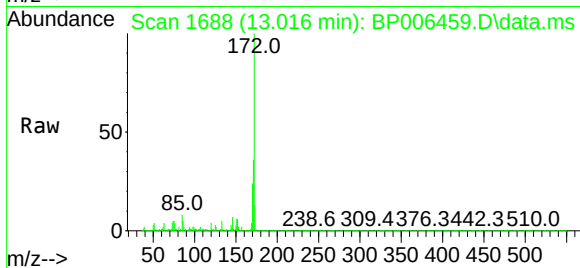




#45
2-Fluorobiphenyl
Concen: 50.647 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

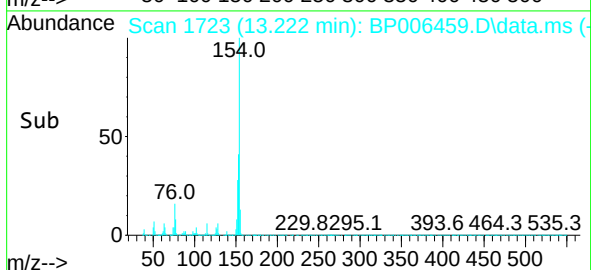
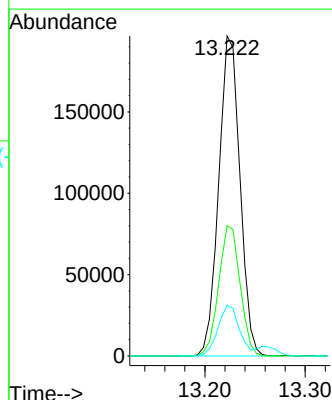
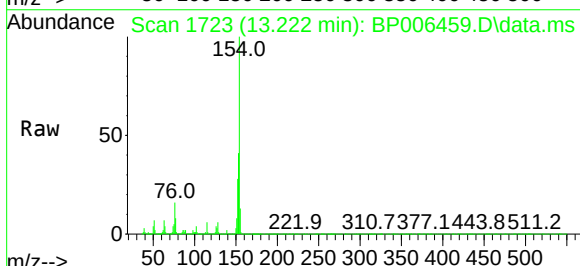
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

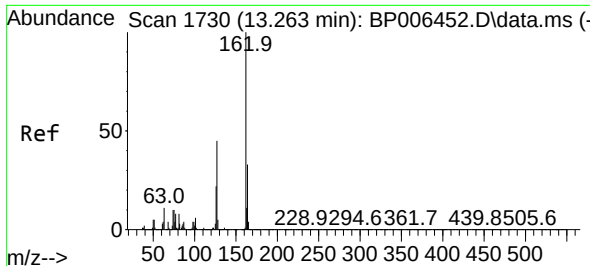
Tgt Ion:172 Resp: 1560089
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 8.270 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:154 Resp: 288644
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 15.8 0.0 30.8

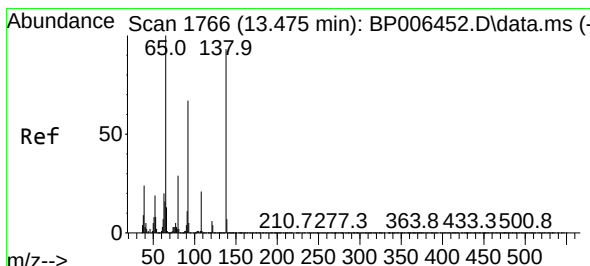
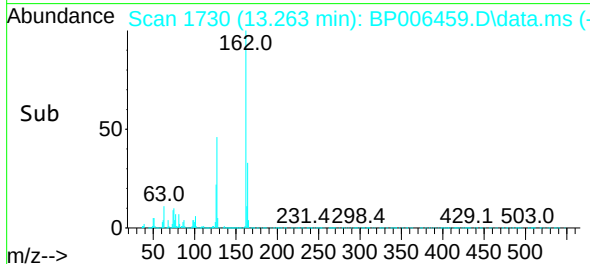
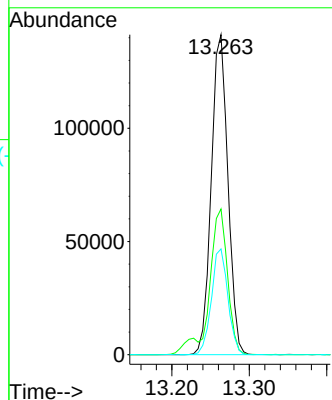
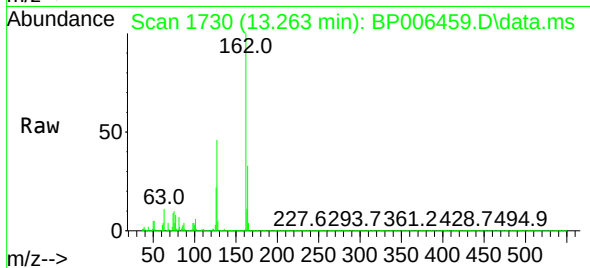




#47
2-Chloronaphthalene
Concen: 7.854 ng
RT: 13.263 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

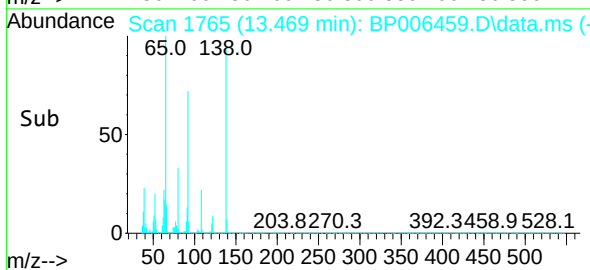
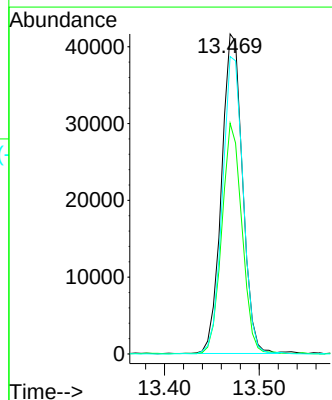
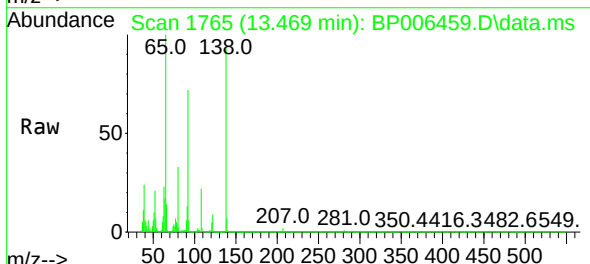
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

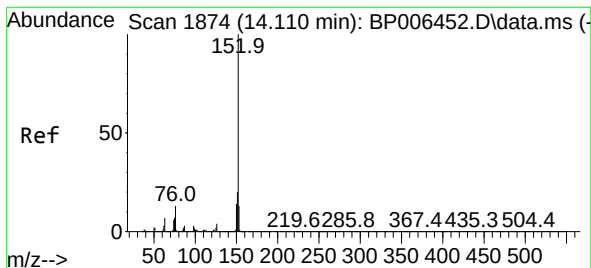
Tgt Ion:162 Resp: 211099
Ion Ratio Lower Upper
162 100
127 45.6 31.4 47.0
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 7.112 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion: 65 Resp: 64113
Ion Ratio Lower Upper
65 100
92 72.1 57.7 86.5
138 93.0 92.1 138.1





#49

Acenaphthylene

Concen: 7.862 ng

RT: 14.110 min Scan# 1874

Delta R.T. 0.000 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

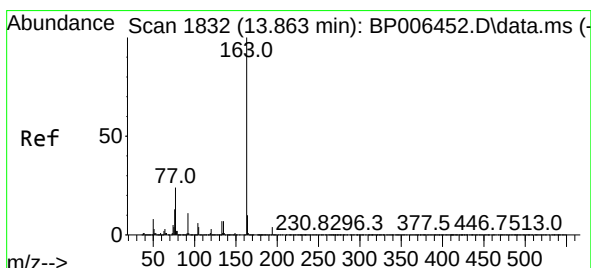
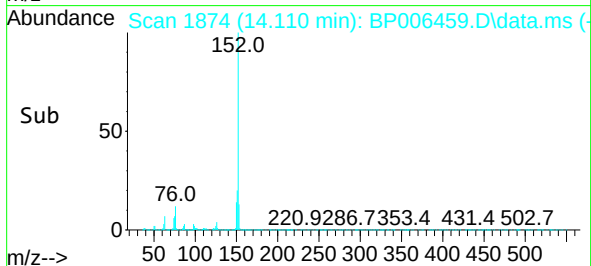
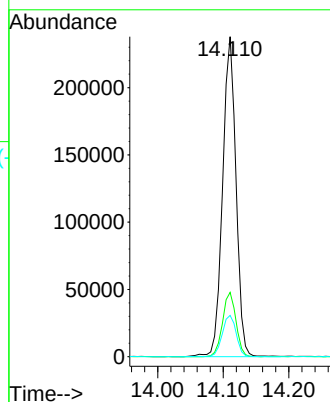
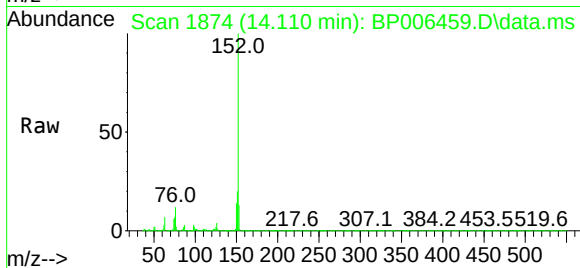
Tgt Ion:152 Resp: 335719

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 7.995 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

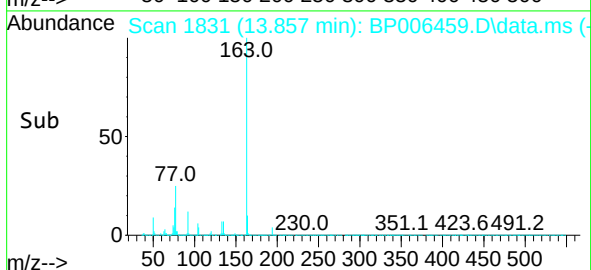
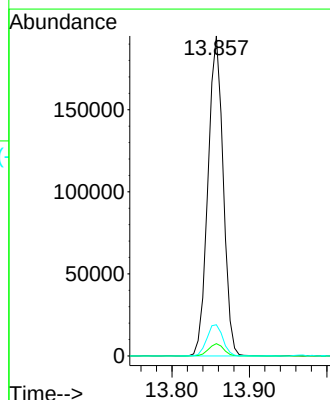
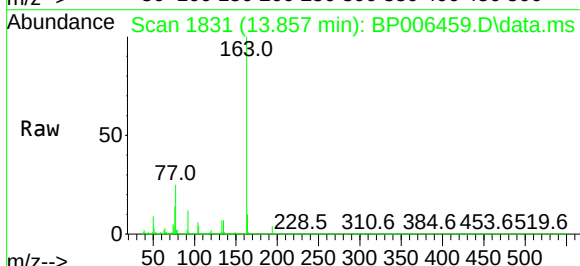
Tgt Ion:163 Resp: 265359

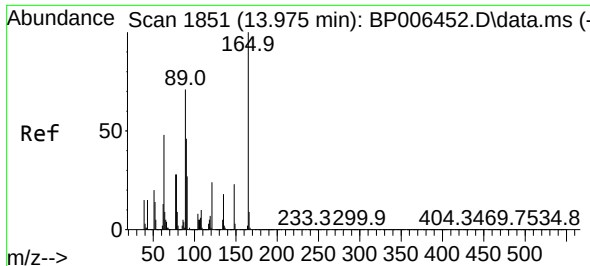
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 9.8 8.2 12.2

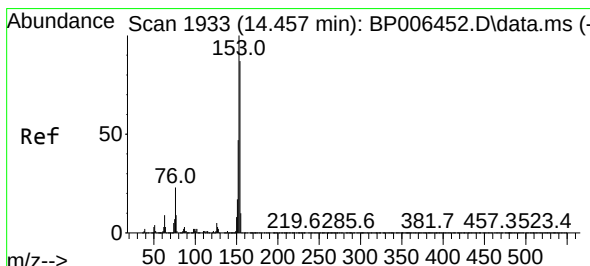
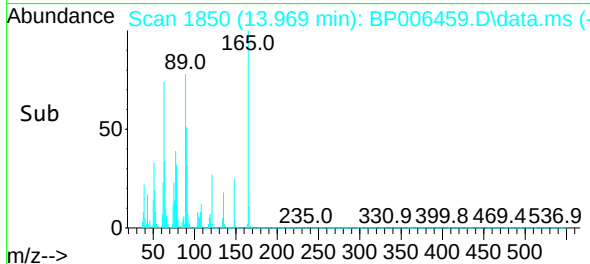
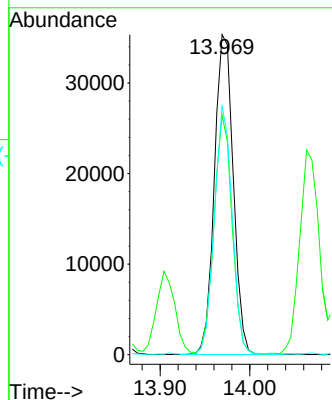
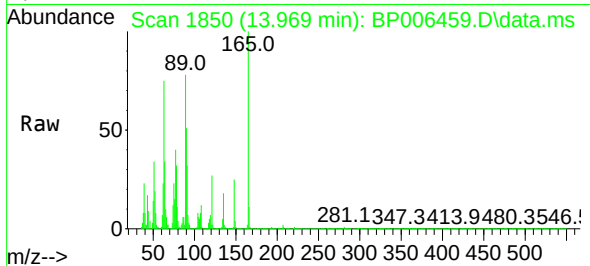




#51
2,6-Dinitrotoluene
Concen: 7.134 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

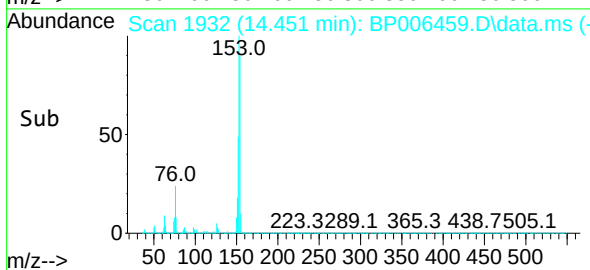
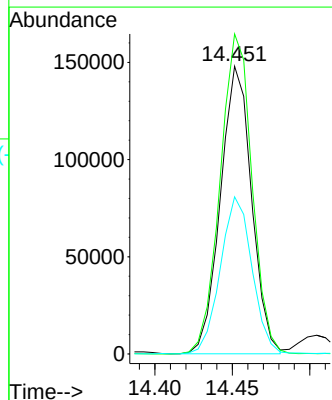
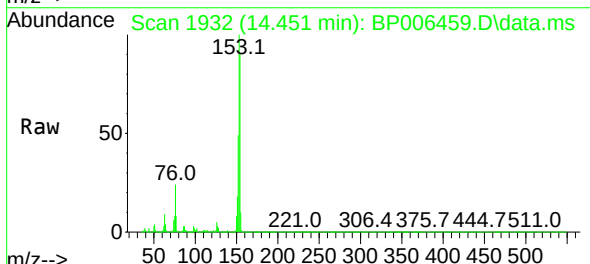
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

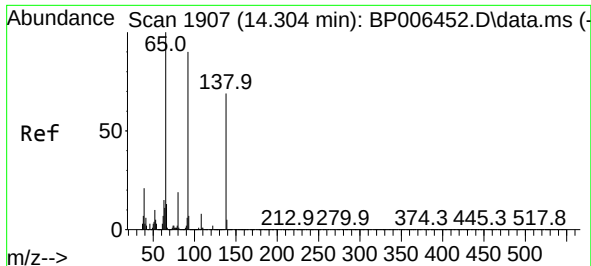
Tgt Ion:165 Resp: 51526
Ion Ratio Lower Upper
165 100
63 74.7 41.3 61.9#
89 77.6 44.8 67.2#



#52
Acenaphthene
Concen: 7.849 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:154 Resp: 206666
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.2
152 54.6 43.0 64.4

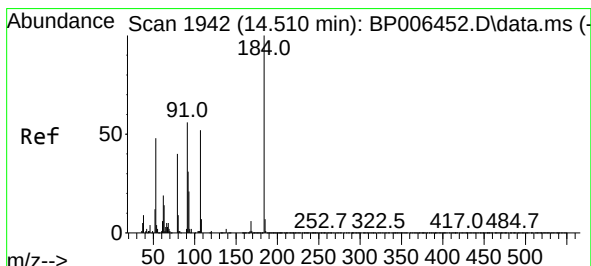
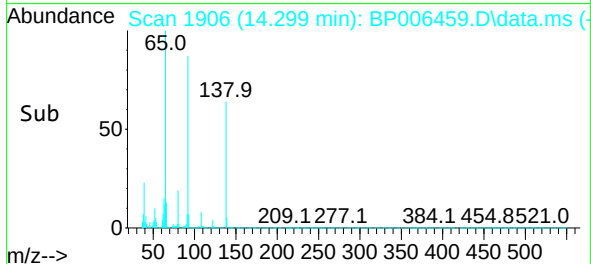
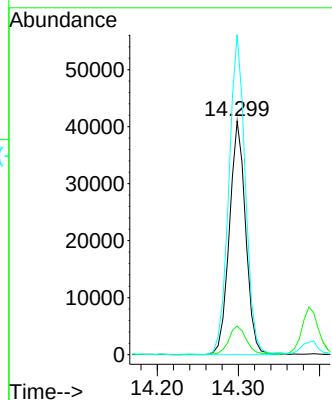
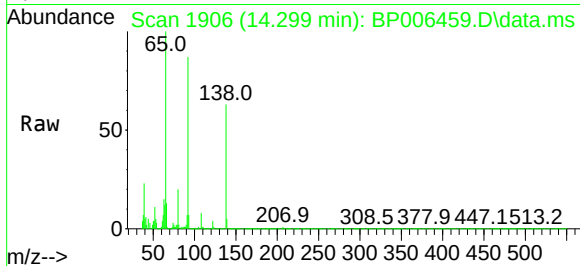




#53
3-Nitroaniline
Concen: 7.085 ng
RT: 14.299 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

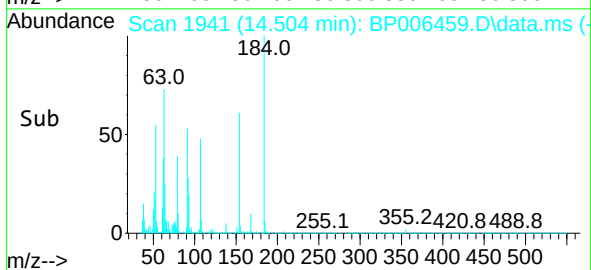
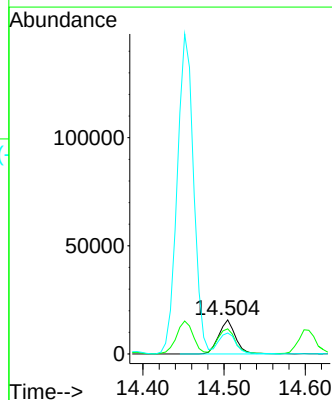
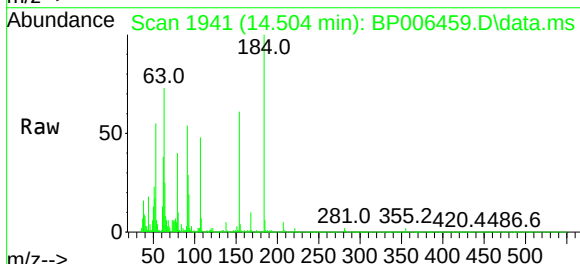
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

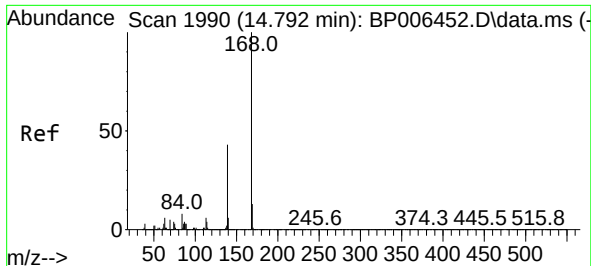
Tgt Ion:138 Resp: 56713
Ion Ratio Lower Upper
138 100
108 12.2 8.4 12.6
92 137.0 87.8 131.8#



#54
2,4-Dinitrophenol
Concen: 5.763 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:184 Resp: 22592
Ion Ratio Lower Upper
184 100
63 73.4 47.0 70.6#
154 61.2 52.3 78.5

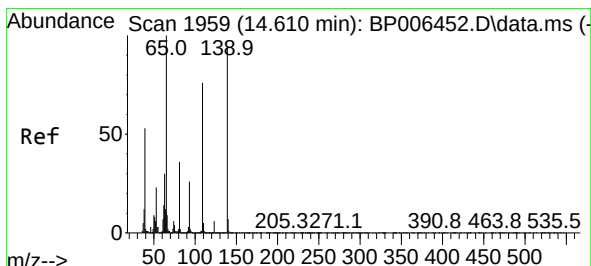
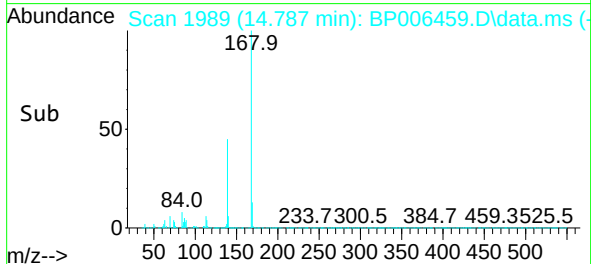
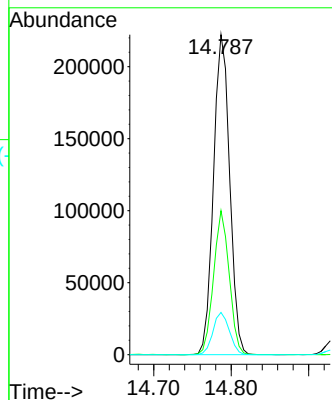
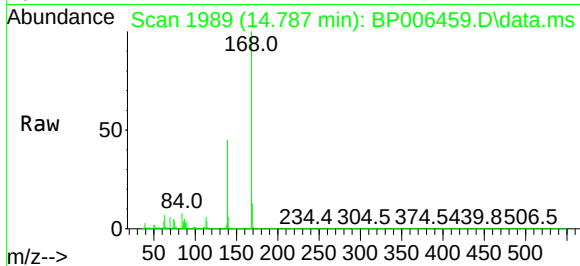




#55
Dibenzofuran
Concen: 7.841 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

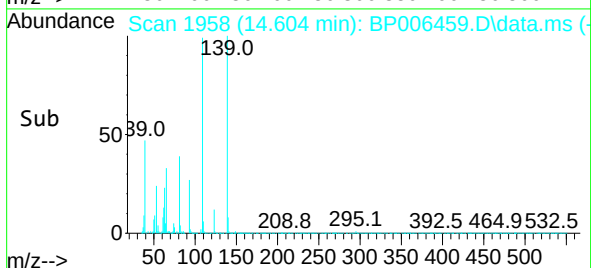
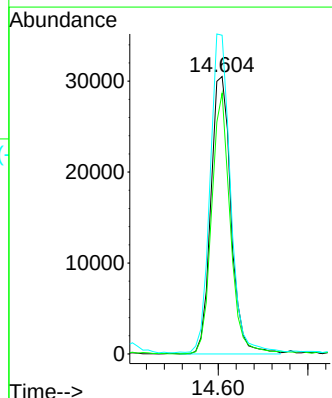
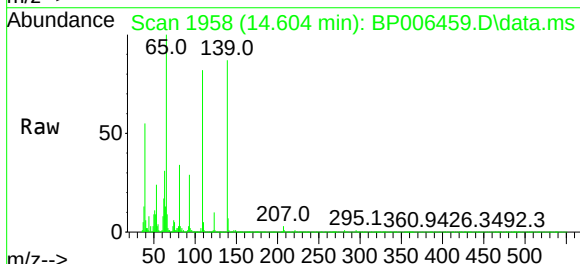
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

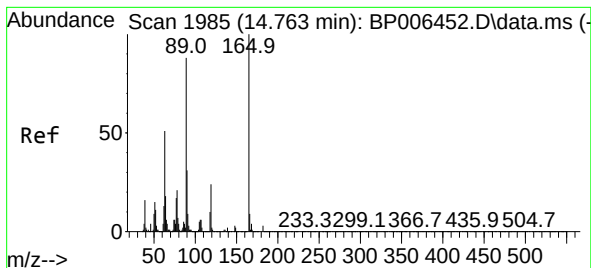
Tgt Ion:168 Resp: 323401
Ion Ratio Lower Upper
168 100
139 45.0 31.0 46.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 6.548 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:139 Resp: 47606
Ion Ratio Lower Upper
139 100
109 94.0 72.3 112.3
65 114.9 72.5 112.5#

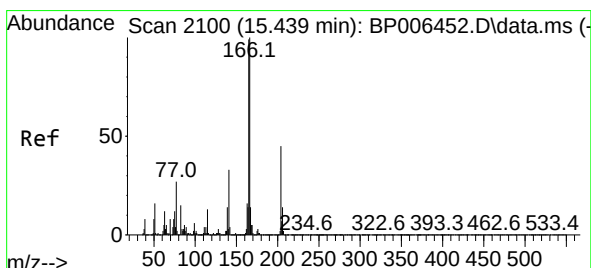
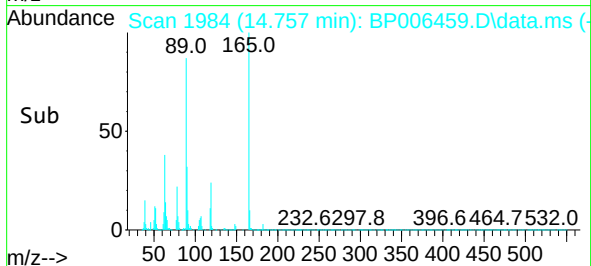
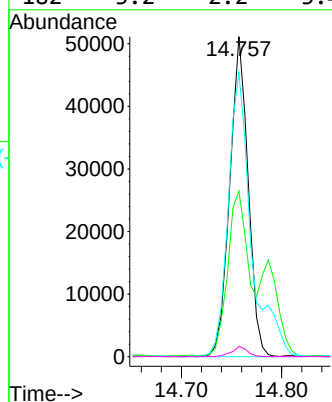
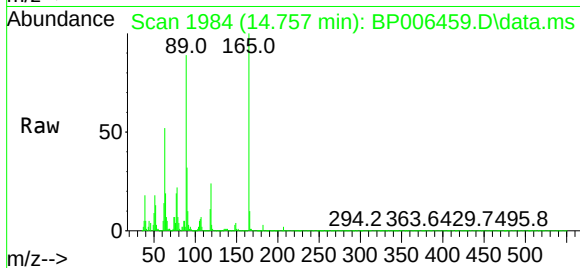




#57
2,4-Dinitrotoluene
Concen: 6.727 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

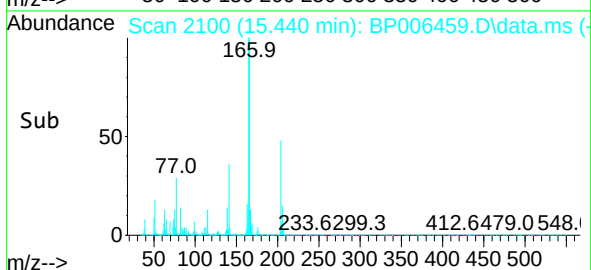
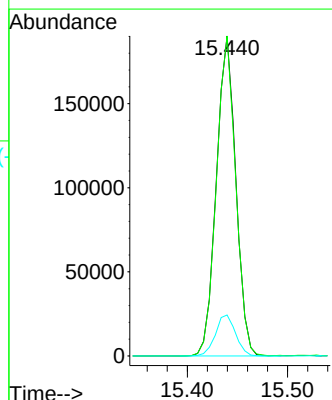
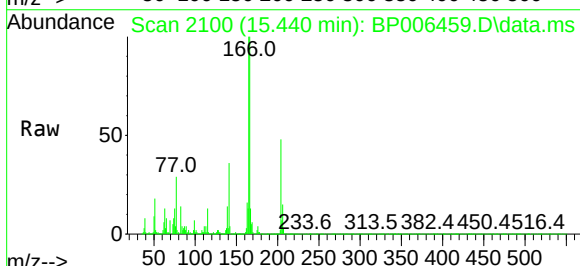
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

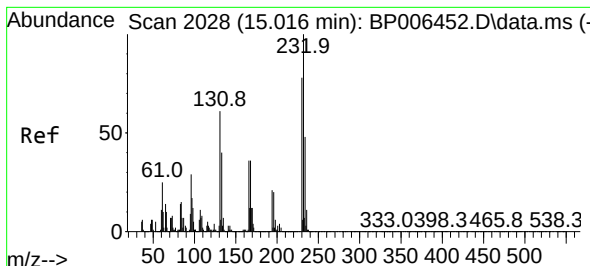
Tgt Ion:165	Resp:	64856
Ion Ratio	Lower	Upper
165	100	
63	51.8	32.3 48.5#
89	88.9	55.9 83.9#
182	3.2	2.2 3.4



#58
Fluorene
Concen: 7.797 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:166	Resp:	255476
Ion Ratio	Lower	Upper
166	100	
165	100.0	78.0 117.0
167	12.8	10.5 15.7

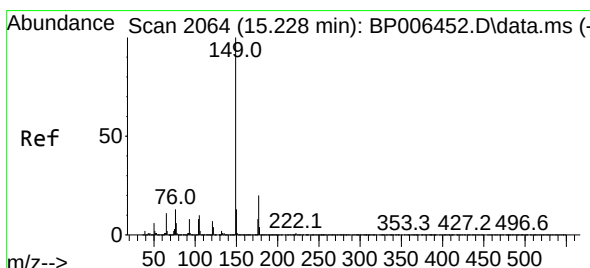
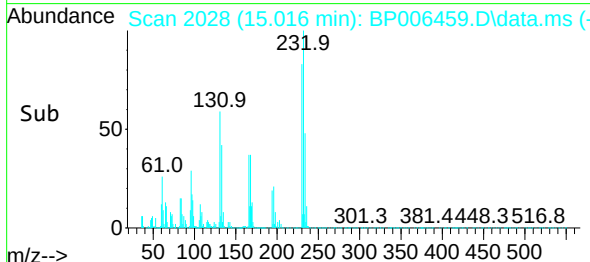
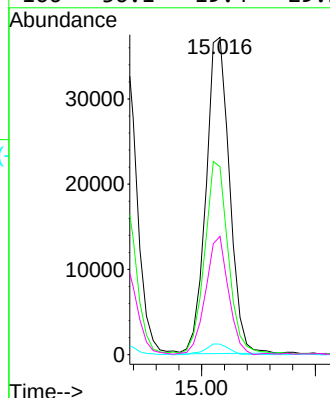
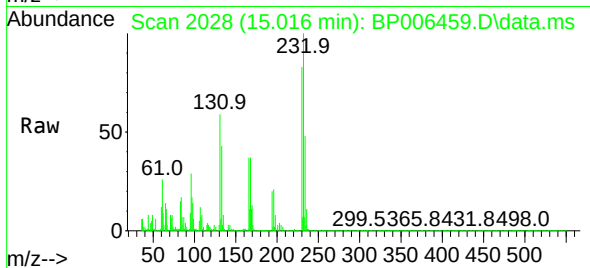




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.102 ng
RT: 15.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

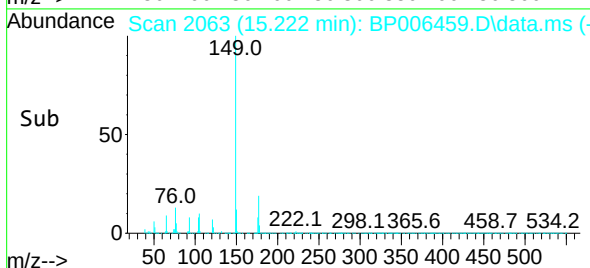
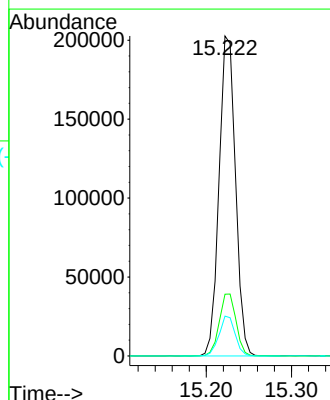
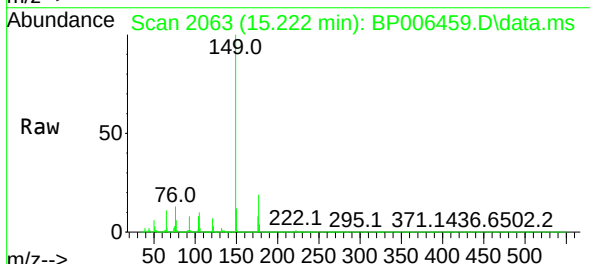
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

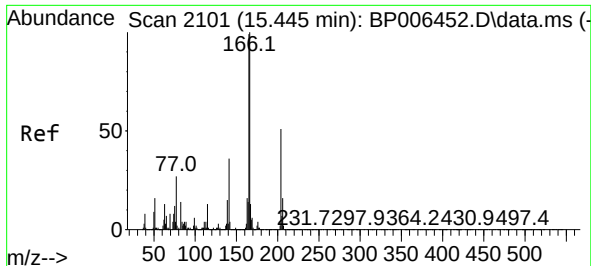
Tgt Ion:232	Resp:	53225
Ion Ratio	Lower	Upper
232	100	
131	61.2	32.2 48.4#
130	3.4	2.0 3.0#
166	36.1	19.4 29.2#



#60
Diethylphthalate
Concen: 7.863 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:149	Resp:	271374
Ion Ratio	Lower	Upper
149	100	
177	19.3	17.5 26.3
150	12.4	9.9 14.9

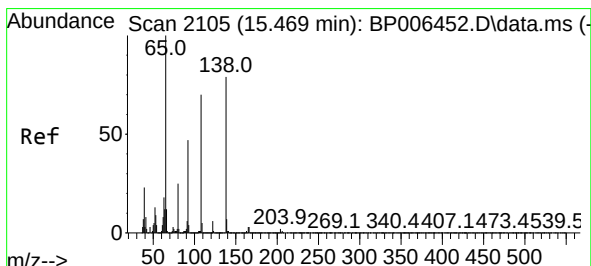
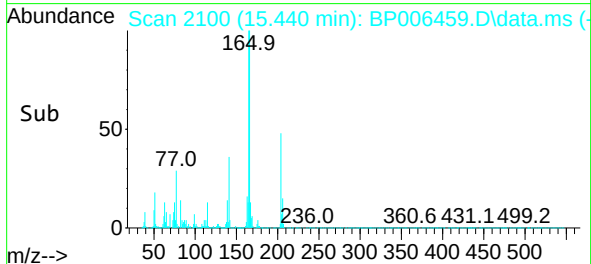
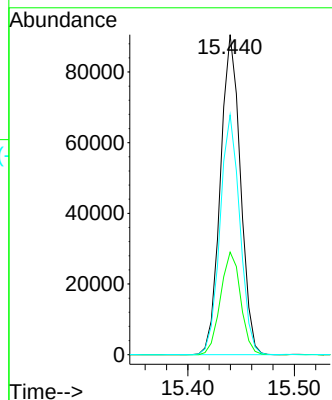
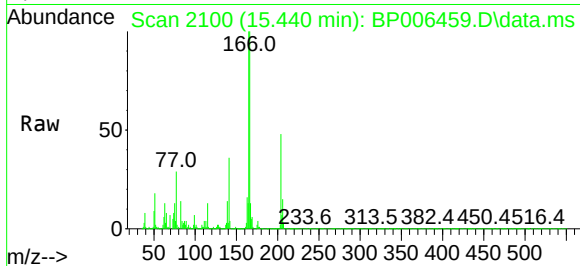




#61
4-Chlorophenyl-phenylether
Concen: 7.910 ng
RT: 15.440 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

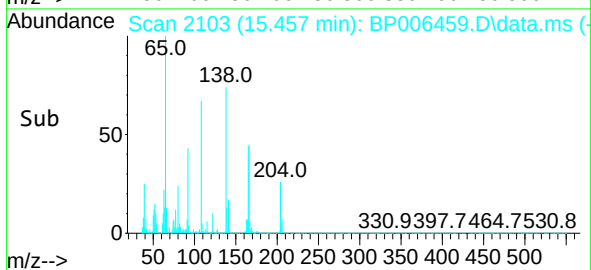
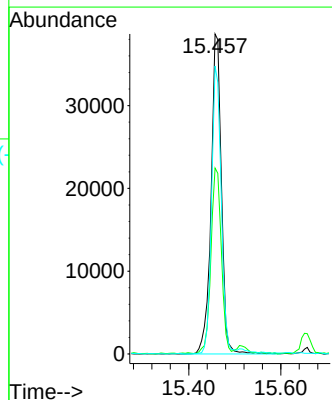
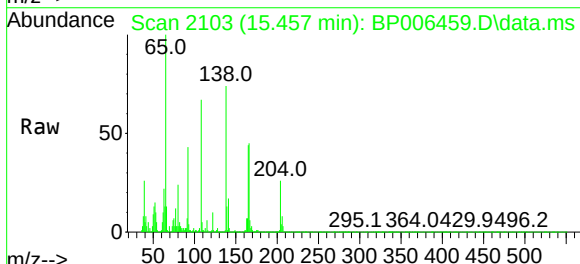
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

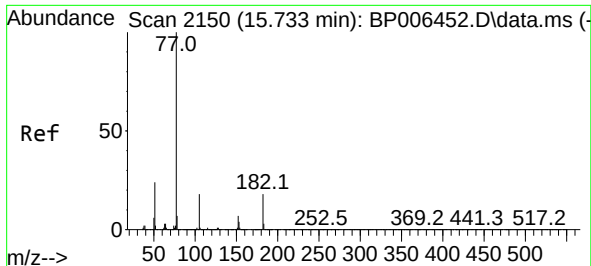
Tgt Ion:204 Resp: 117766
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 74.9 48.6 73.0#



#62
4-Nitroaniline
Concen: 7.158 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:138 Resp: 60624
Ion Ratio Lower Upper
138 100
92 58.1 31.2 71.2
108 90.0 78.6 118.6

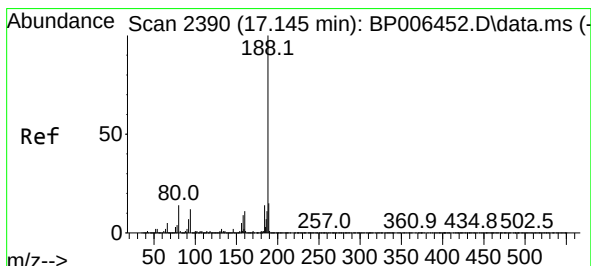
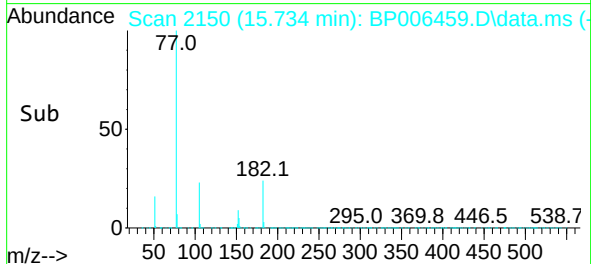
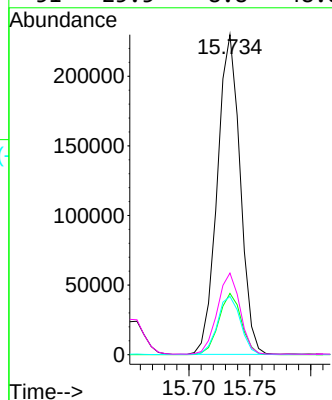
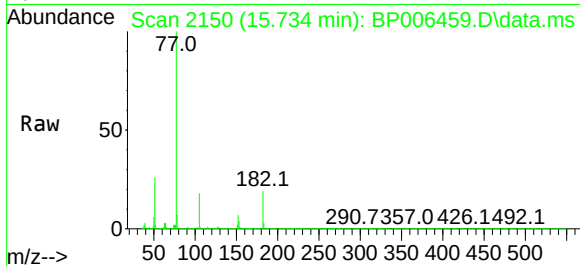




#63
Azobenzene
Concen: 7.505 ng
RT: 15.734 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

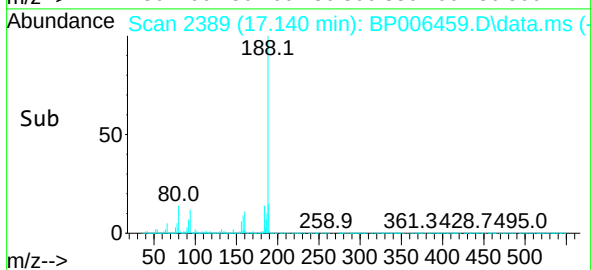
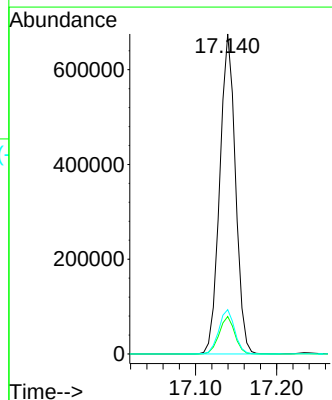
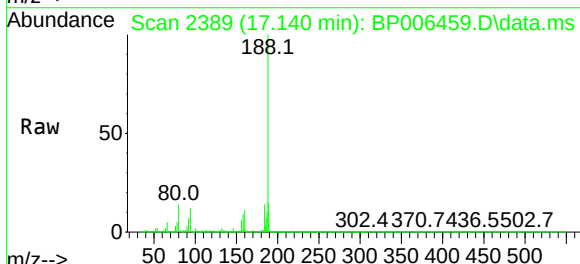
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

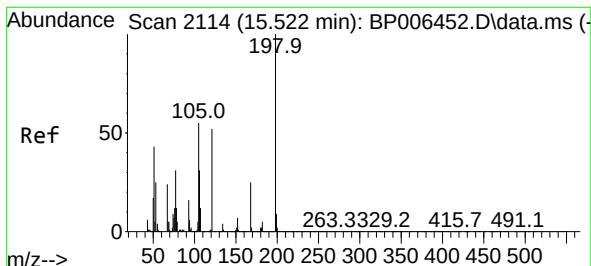
Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	6.0	46.0
105	18.2	0.0	38.8
51	25.5	8.8	48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2389
Delta R.T. -0.005 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	5.6	8.4#
80	13.9	6.3	9.5#

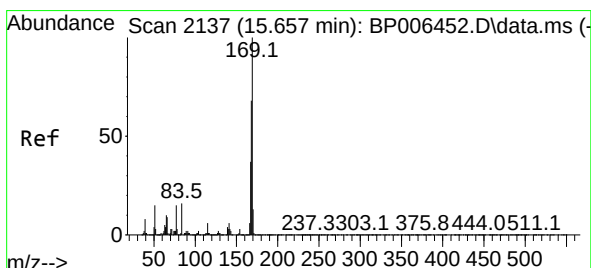
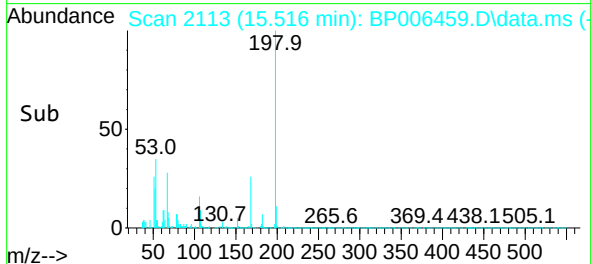
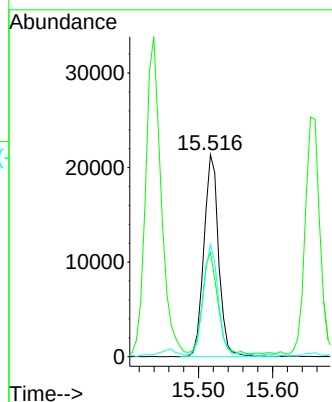
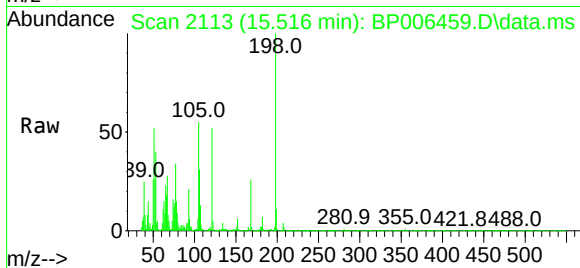




#65
4,6-Dinitro-2-methylphenol
Concen: 5.425 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

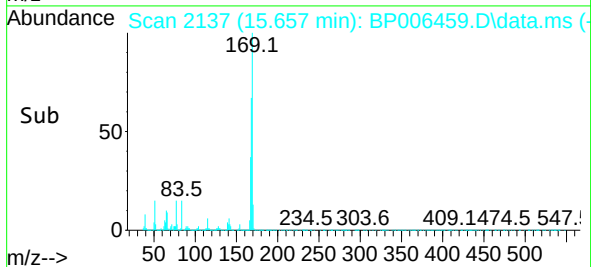
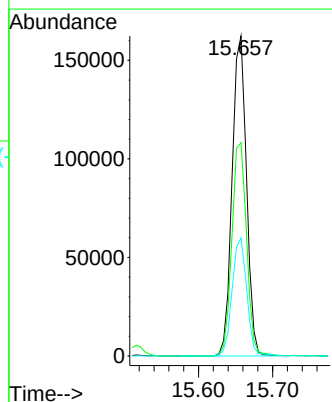
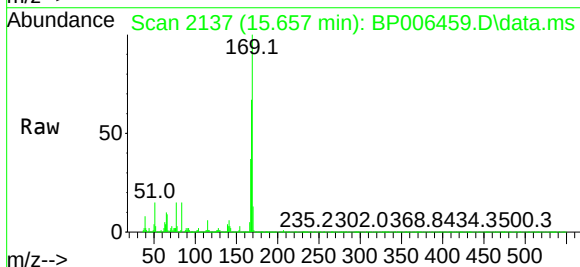
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

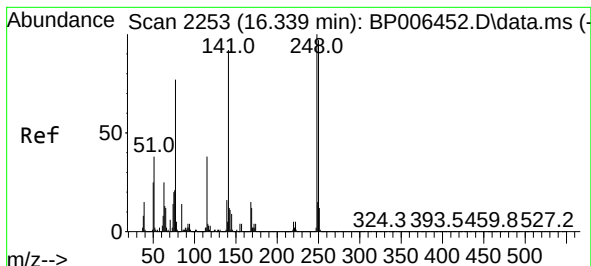
Tgt Ion:198 Resp: 29558
Ion Ratio Lower Upper
198 100
51 51.7 14.0 54.0
105 55.4 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 7.737 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:169 Resp: 218167
Ion Ratio Lower Upper
169 100
168 66.6 54.4 81.6
167 36.9 29.0 43.6

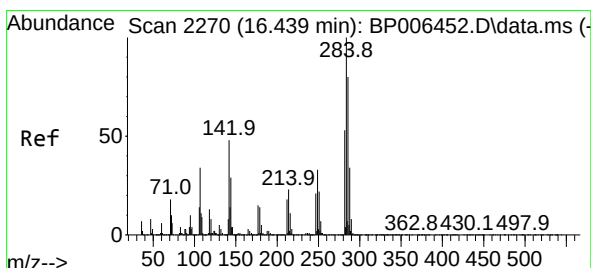
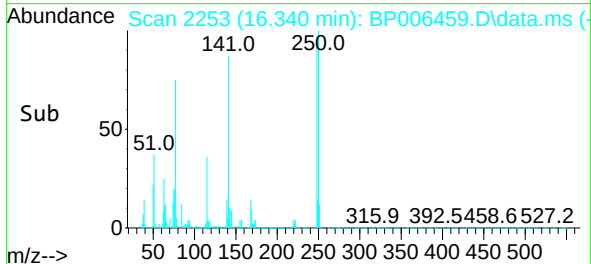
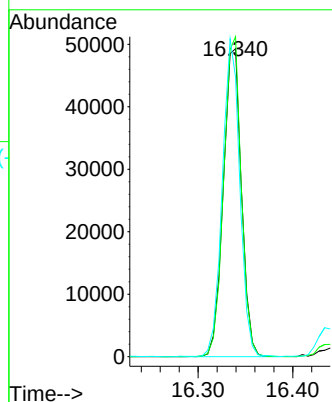
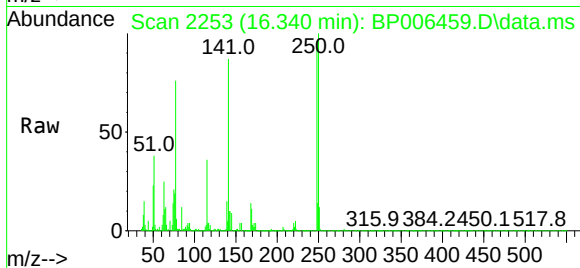




#67
4-Bromophenyl-phenylether
Concen: 7.526 ng
RT: 16.340 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

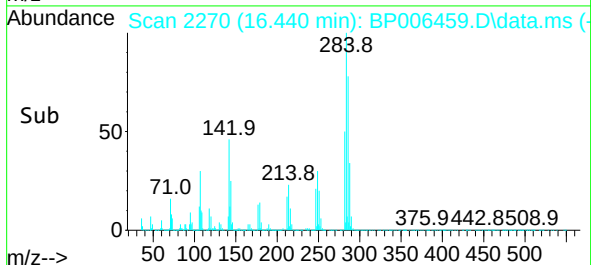
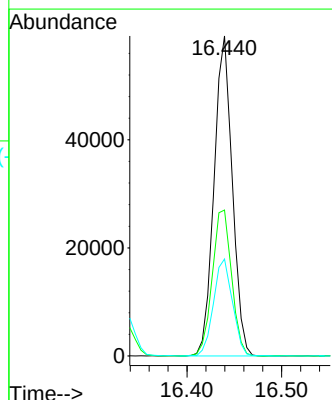
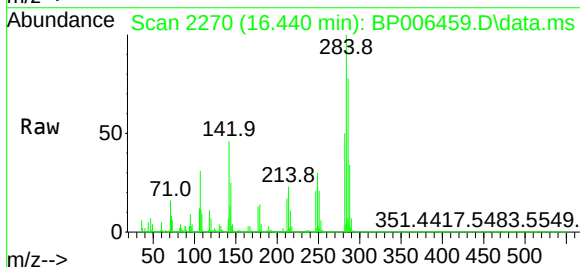
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

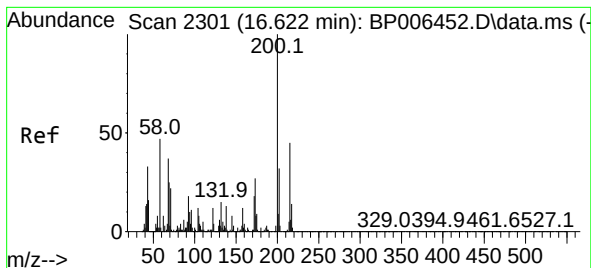
Tgt Ion:248 Resp: 65712
Ion Ratio Lower Upper
248 100
250 103.9 79.8 119.8
141 90.7 57.8 86.6#



#68
Hexachlorobenzene
Concen: 8.053 ng
RT: 16.440 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:284 Resp: 79238
Ion Ratio Lower Upper
284 100
142 45.6 26.9 40.3#
249 30.3 24.5 36.7





#69

Atrazine

Concen: 8.267 ng

RT: 16.616 min Scan# 2300

Delta R.T. -0.006 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

Tgt Ion:200 Resp: 71709

Ion Ratio Lower Upper

200 100

173 27.5 4.1 44.1

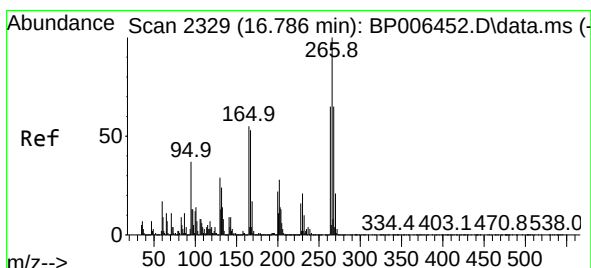
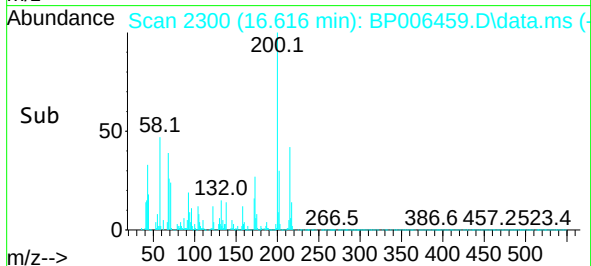
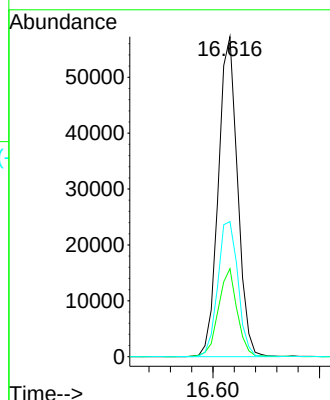
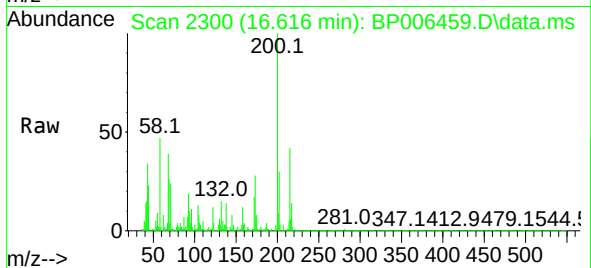
215 42.2 27.7 67.7

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#70

Pentachlorophenol

Concen: 6.968 ng

RT: 16.787 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

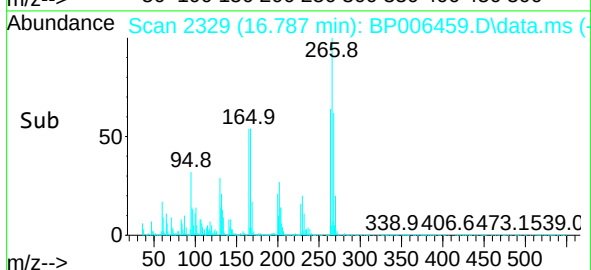
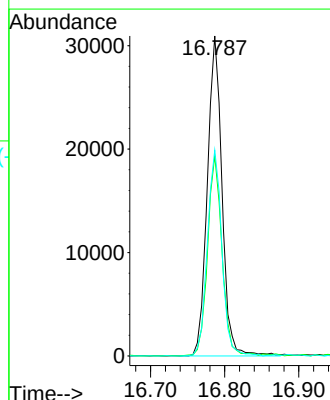
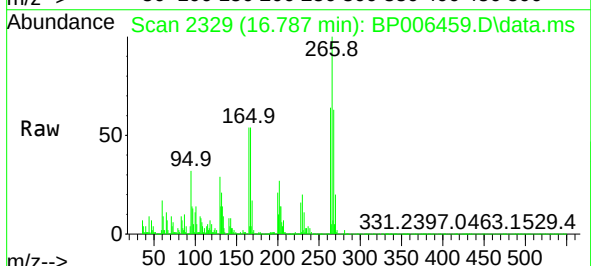
Tgt Ion:266 Resp: 42622

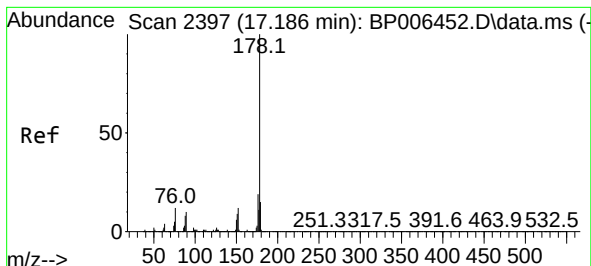
Ion Ratio Lower Upper

266 100

268 62.5 51.6 77.4

264 64.3 50.3 75.5

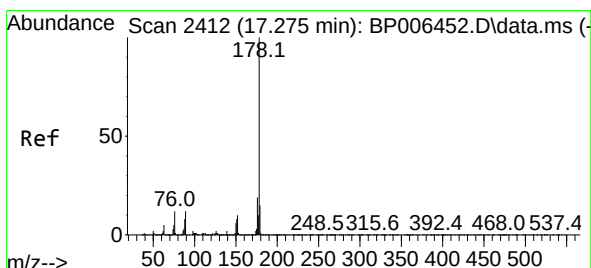
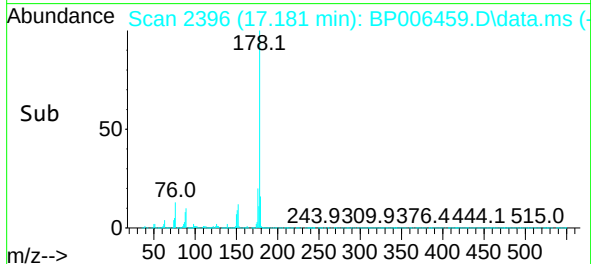
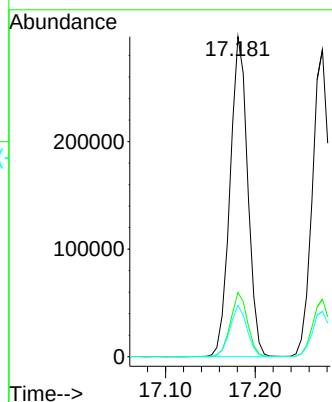
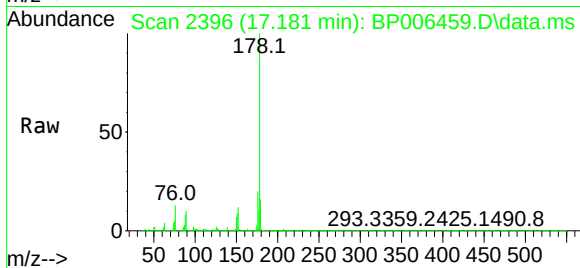




#71
Phenanthrene
Concen: 7.959 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

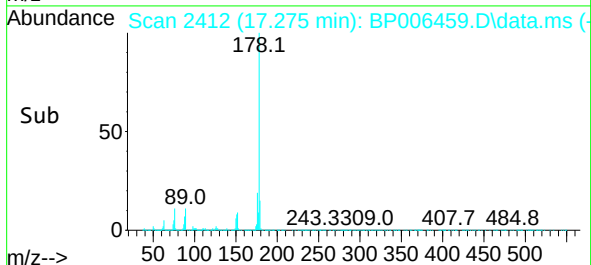
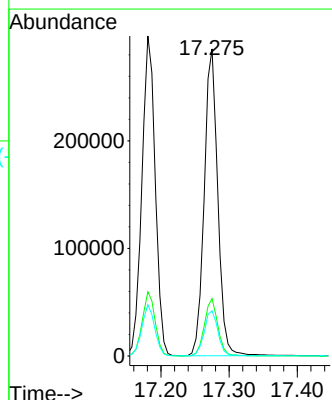
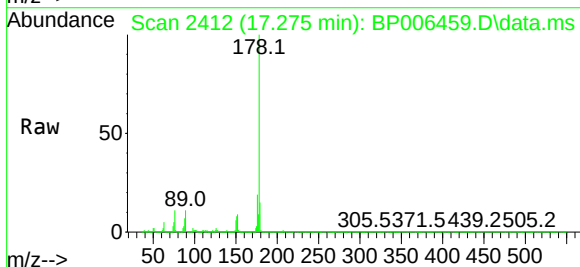
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

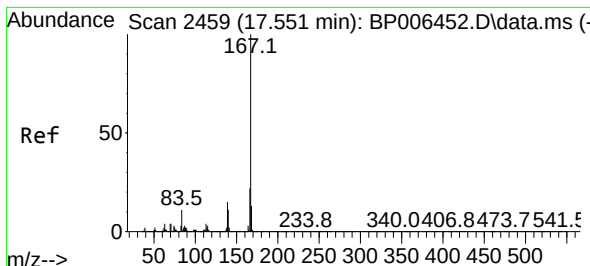
Tgt Ion:178 Resp: 406509
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 16.0 12.4 18.6



#72
Anthracene
Concen: 8.043 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:178 Resp: 393573
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.7 12.2 18.2

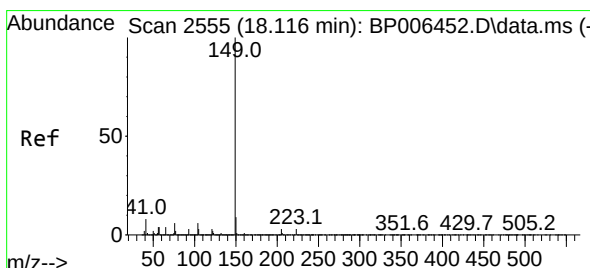
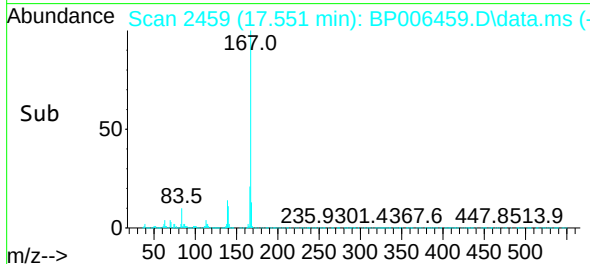
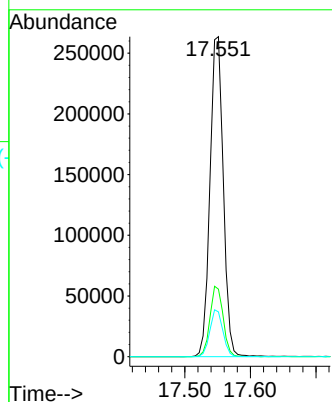
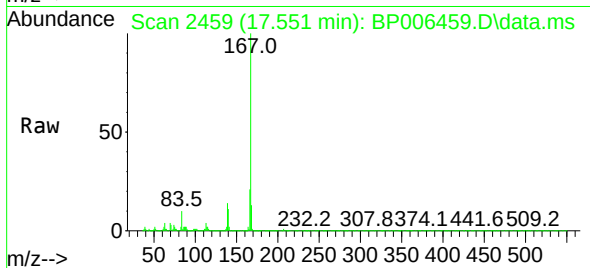




#73
 Carbazole
 Concen: 7.504 ng
 RT: 17.551 min Scan# 2459
 Delta R.T. 0.000 min
 Lab File: BP006459.D
 Acq: 02 Aug 2021 20:05

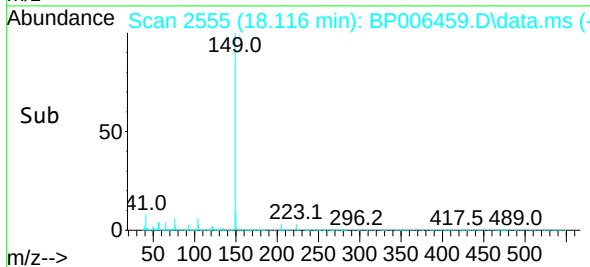
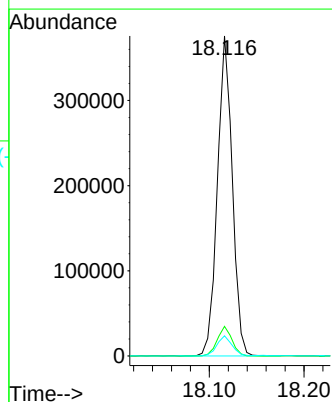
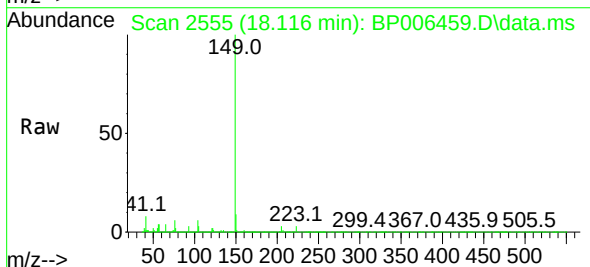
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

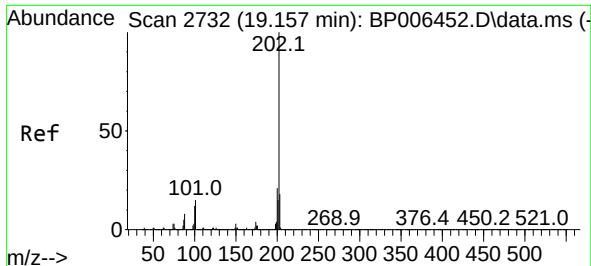
Tgt Ion:167 Resp: 372956
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 14.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 7.293 ng
 RT: 18.116 min Scan# 2555
 Delta R.T. 0.000 min
 Lab File: BP006459.D
 Acq: 02 Aug 2021 20:05

Tgt Ion:149 Resp: 409330
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.3 4.5 6.7

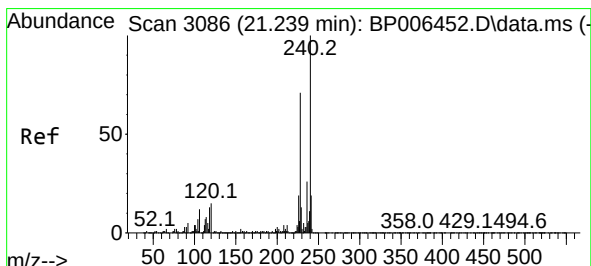
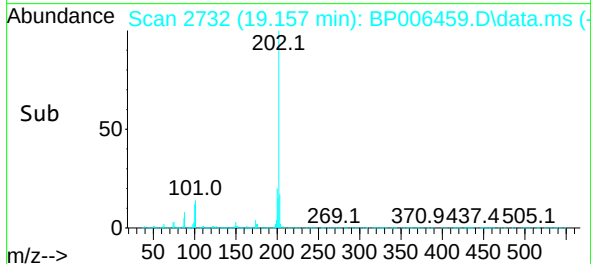
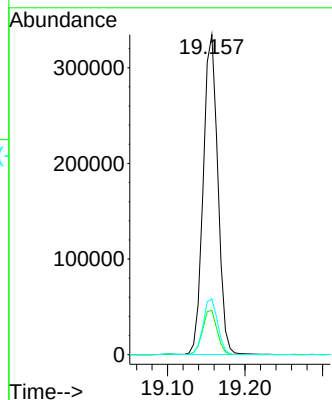
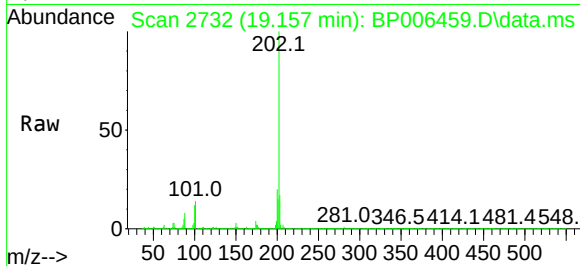




#75
Fluoranthene
Concen: 7.674 ng
RT: 19.157 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

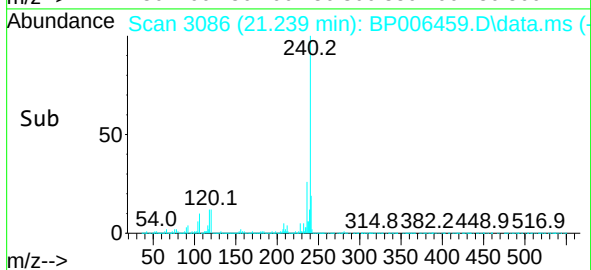
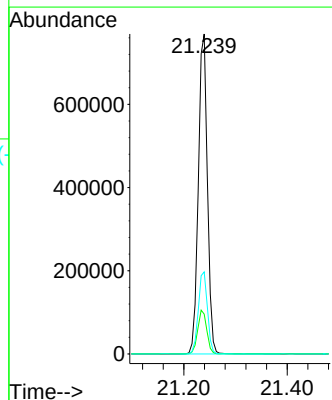
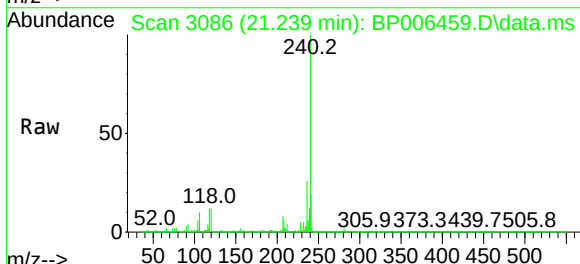
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

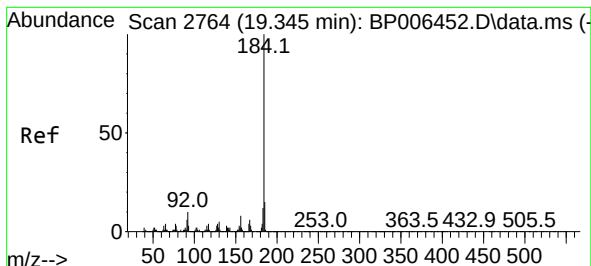
Tgt Ion:	202	Resp:	436267
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	27.6
203	17.4	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:	240	Resp:	934039
Ion Ratio	Lower	Upper	
240	100		
120	12.5	6.5	9.7#
236	25.6	20.6	31.0





#77

Benzidine

Concen: 10.261 ng

RT: 19.345 min Scan# 2764

Delta R.T. 0.000 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

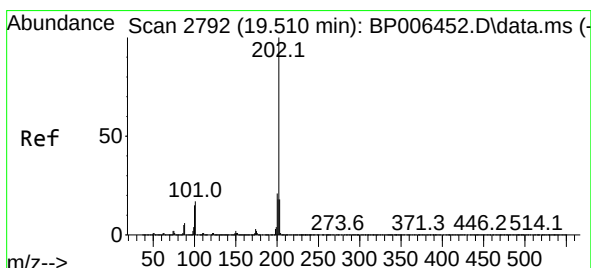
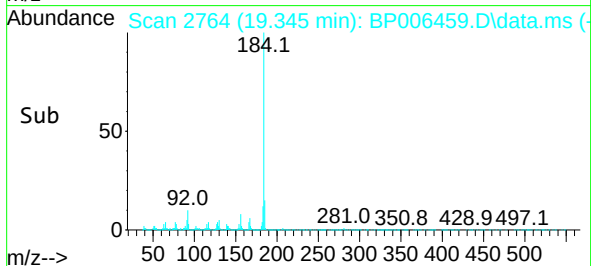
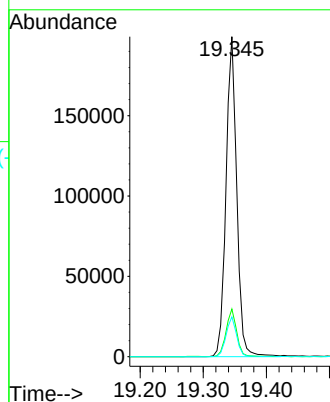
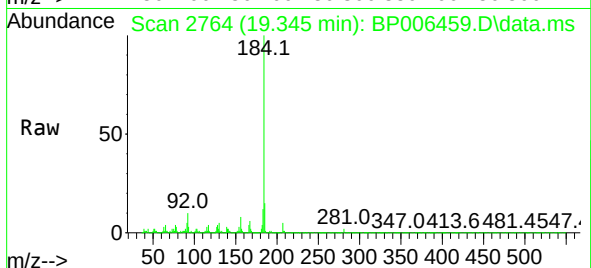
Tgt Ion:184 Resp: 235891

Ion Ratio Lower Upper

184 100

185 14.9 11.0 16.4

183 12.4 9.5 14.3



#78

Pyrene

Concen: 7.600 ng

RT: 19.510 min Scan# 2792

Delta R.T. 0.000 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

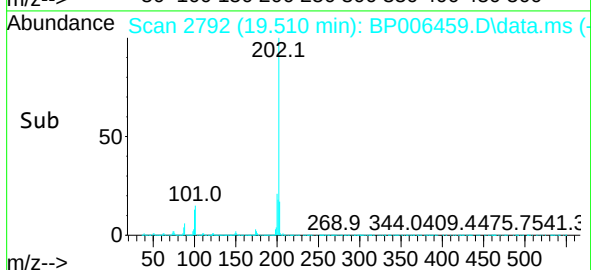
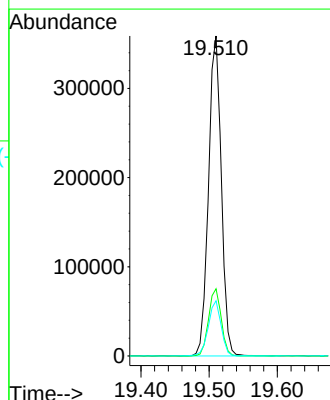
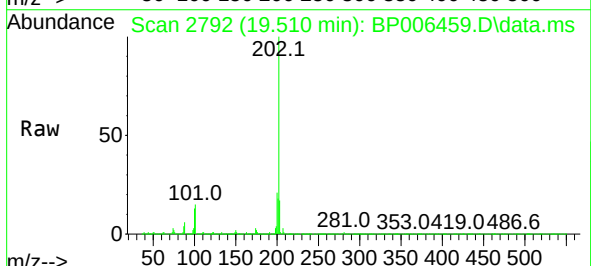
Tgt Ion:202 Resp: 467998

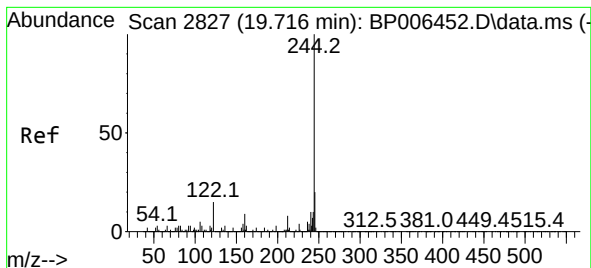
Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

203 17.3 14.2 21.2

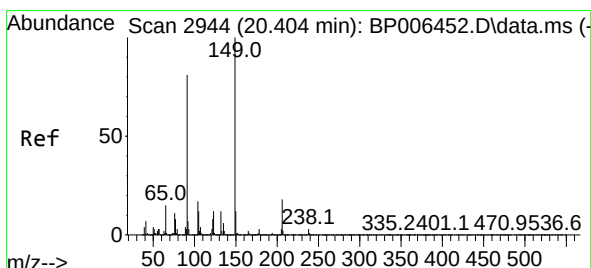
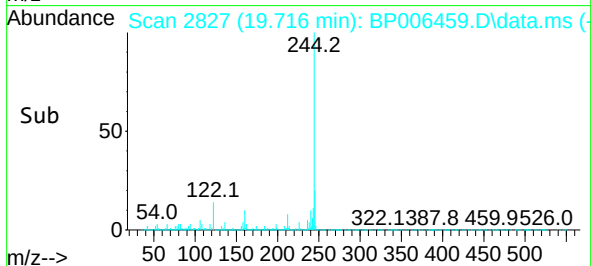
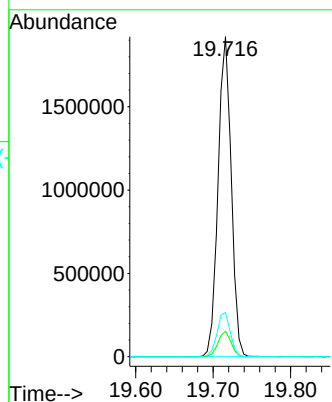
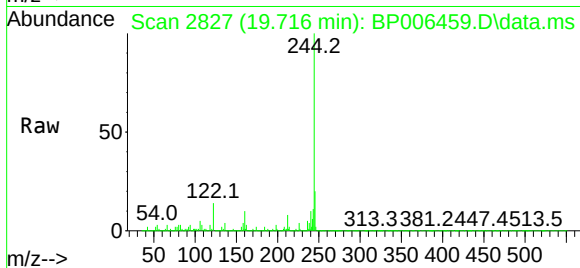




#79
 Terphenyl-d14
 Concen: 48.805 ng
 RT: 19.716 min Scan# 2827
 Delta R.T. 0.000 min
 Lab File: BP006459.D
 Acq: 02 Aug 2021 20:05

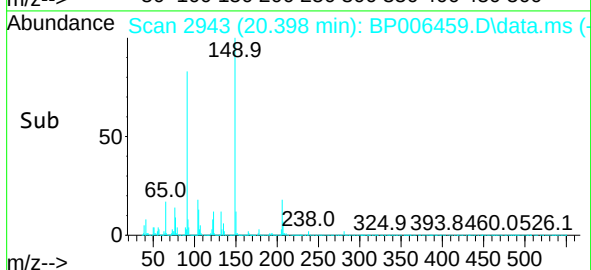
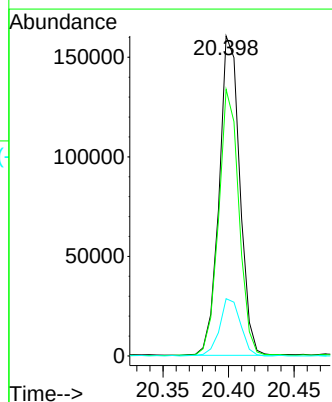
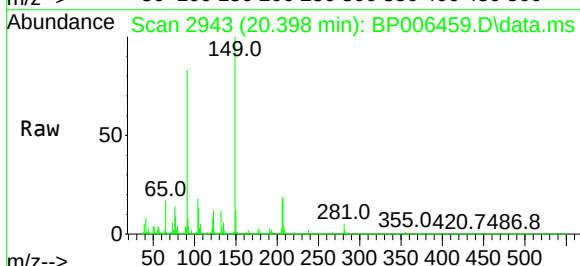
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

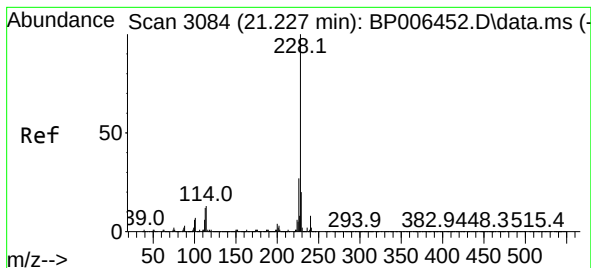
Tgt Ion:244 Resp: 2263932
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.8 7.1 10.7#



#80
 Butylbenzylphthalate
 Concen: 6.590 ng
 RT: 20.398 min Scan# 2943
 Delta R.T. -0.006 min
 Lab File: BP006459.D
 Acq: 02 Aug 2021 20:05

Tgt Ion:149 Resp: 175324
 Ion Ratio Lower Upper
 149 100
 91 83.3 54.6 81.8#
 206 17.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 7.559 ng

RT: 21.222 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

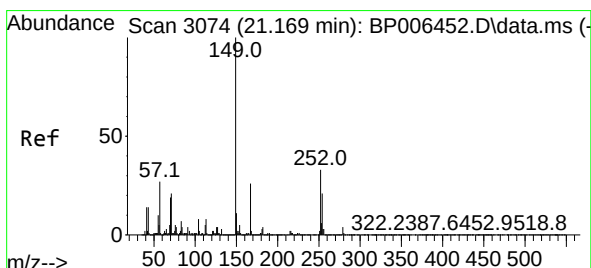
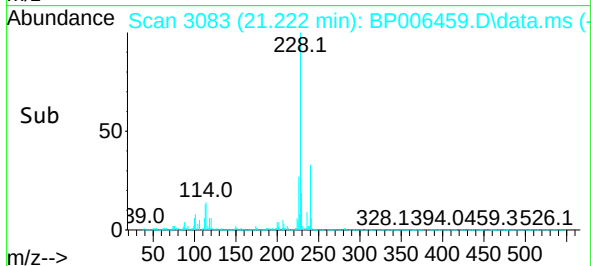
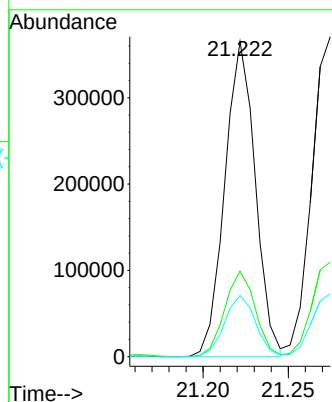
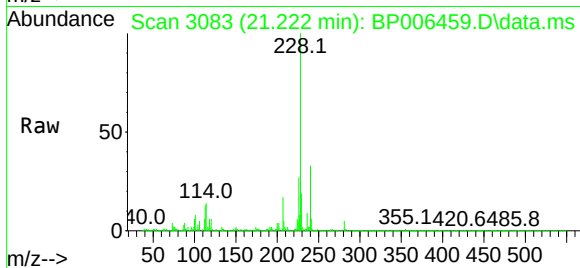
Tgt Ion:228 Resp: 454542

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 9.802 ng

RT: 21.163 min Scan# 3073

Delta R.T. -0.006 min

Lab File: BP006459.D

Acq: 02 Aug 2021 20:05

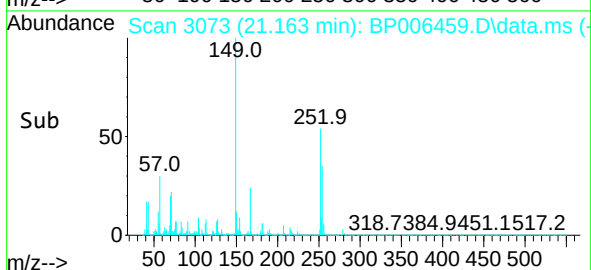
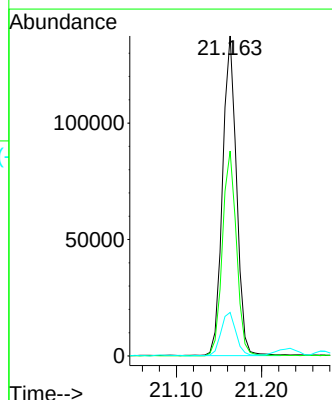
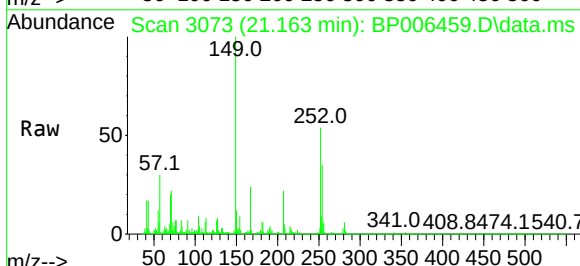
Tgt Ion:252 Resp: 156217

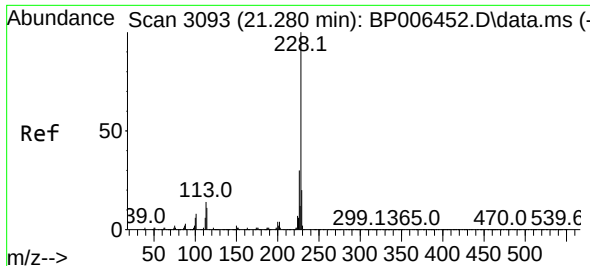
Ion Ratio Lower Upper

252 100

254 64.1 50.6 76.0

126 13.6 7.0 10.6#

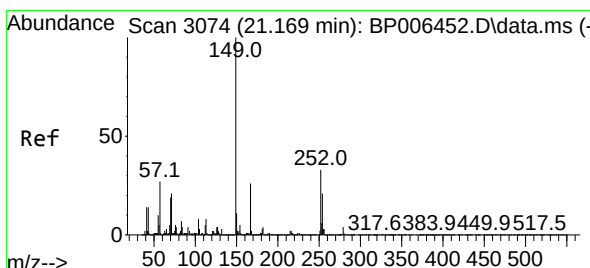
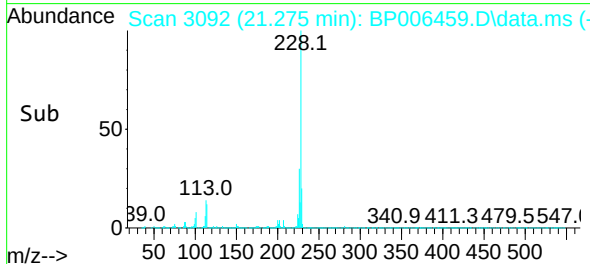
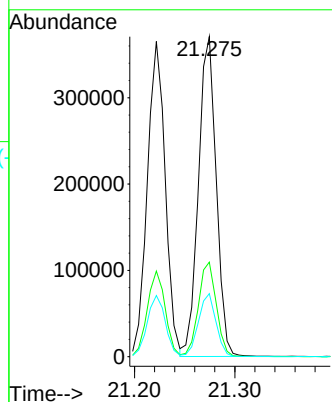
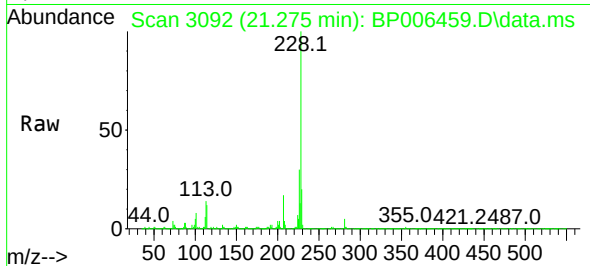




#83
Chrysene
Concen: 7.824 ng
RT: 21.275 min Scan# 3092
Delta R.T. -0.005 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

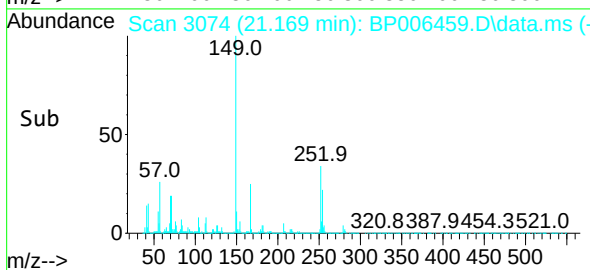
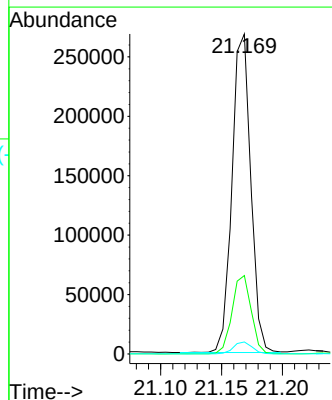
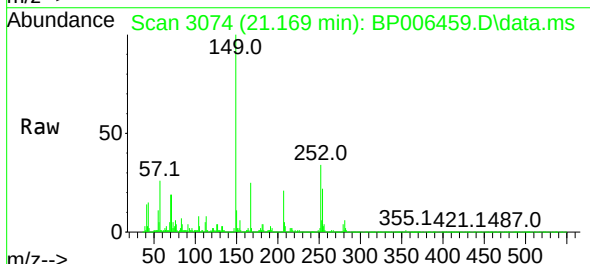
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

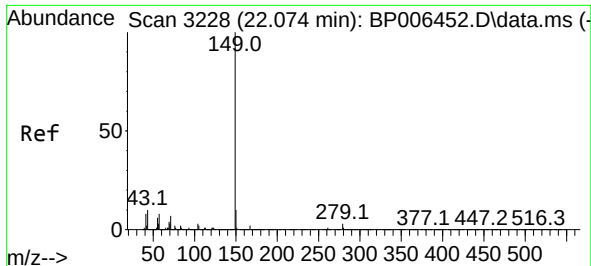
Tgt Ion:228	Resp: 458395
Ion Ratio	Lower Upper
228 100	
226 29.6	23.8 35.6
229 19.7	15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.999 ng
RT: 21.169 min Scan# 3074
Delta R.T. 0.000 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:149	Resp: 287640
Ion Ratio	Lower Upper
149 100	
167 24.5	21.9 32.9
279 3.8	4.3 6.5#

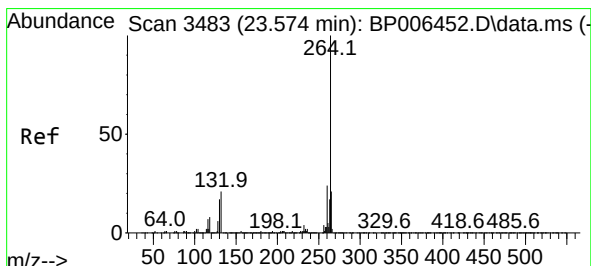
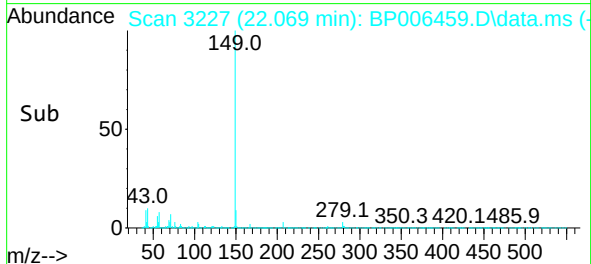
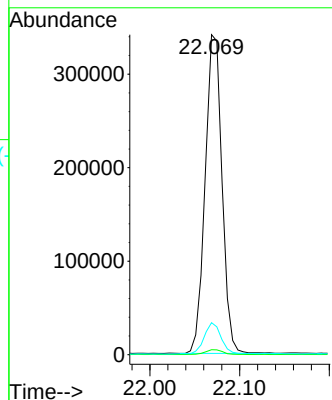
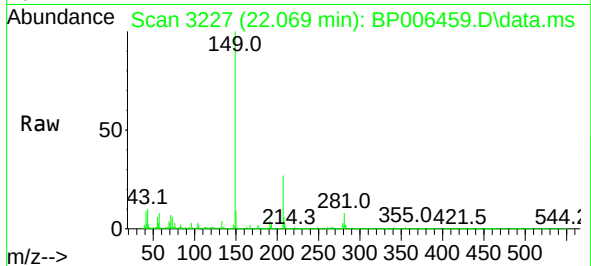




#85
Di-n-octyl phthalate
Concen: 6.395 ng
RT: 22.069 min Scan# 3227
Delta R.T. -0.005 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

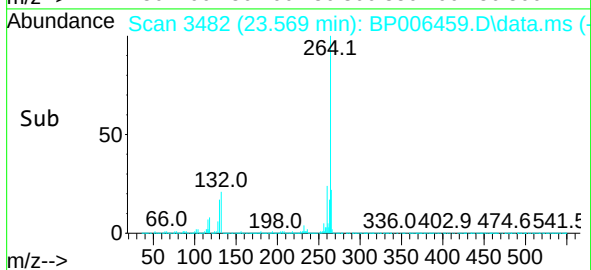
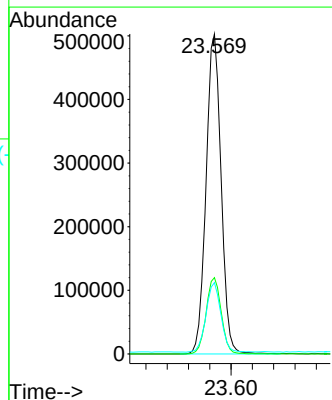
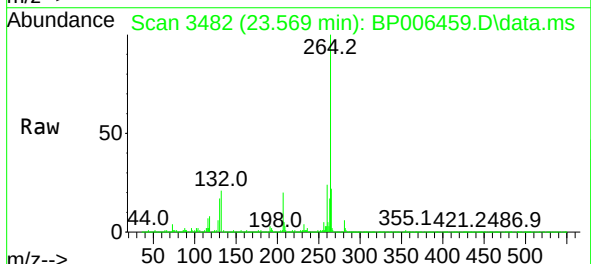
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

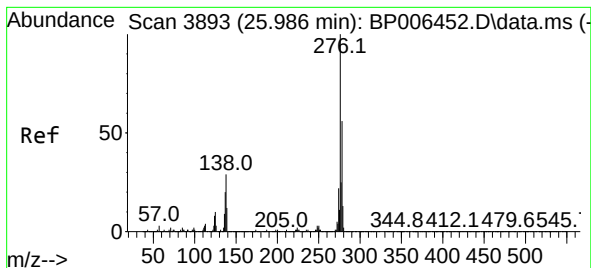
Tgt Ion:149 Resp: 445037
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 5.6 8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.569 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:264 Resp: 983281
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.3 17.6 26.4

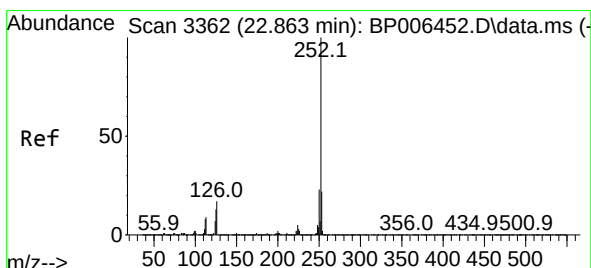
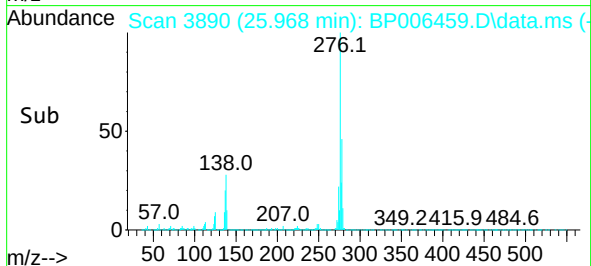
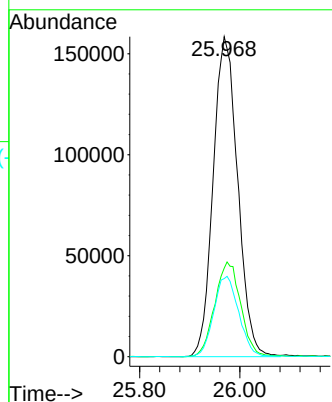
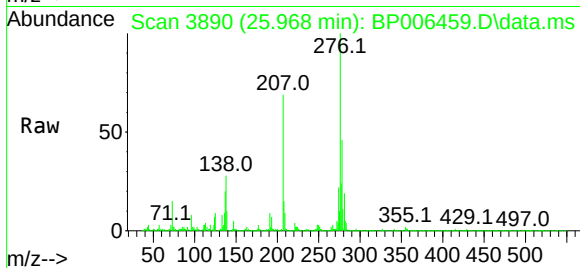




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.621 ng
RT: 25.968 min Scan# 3890
Delta R.T. -0.017 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

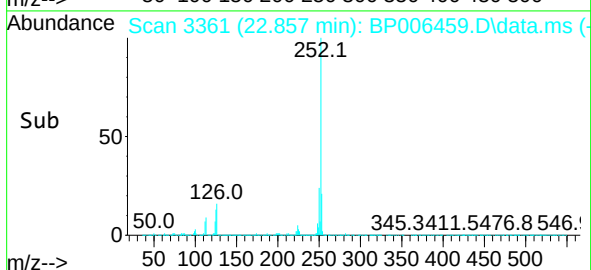
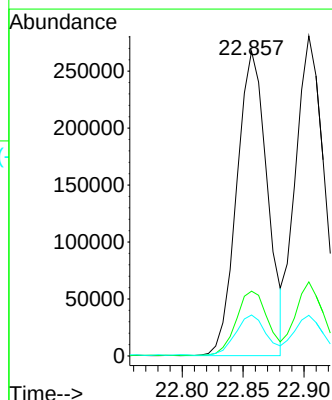
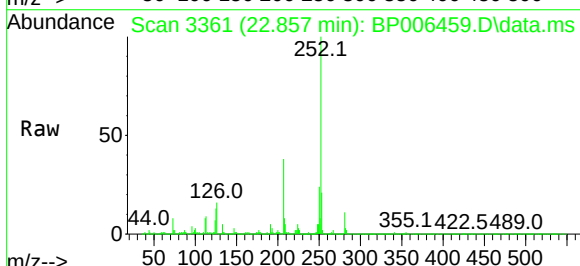
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

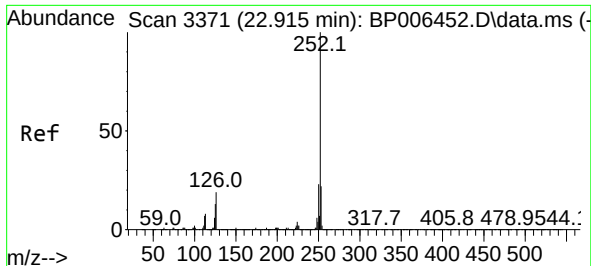
Tgt Ion:276 Resp: 537600
Ion Ratio Lower Upper
276 100
138 31.3 15.3 22.9#
277 25.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 7.407 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:252 Resp: 467568
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 13.5 6.2 9.4#

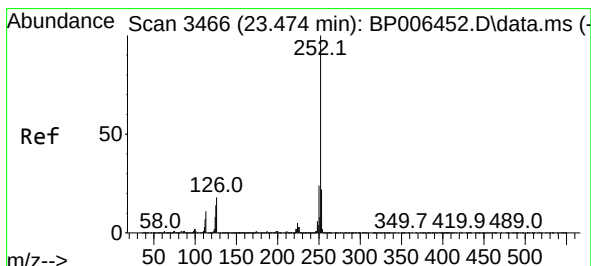
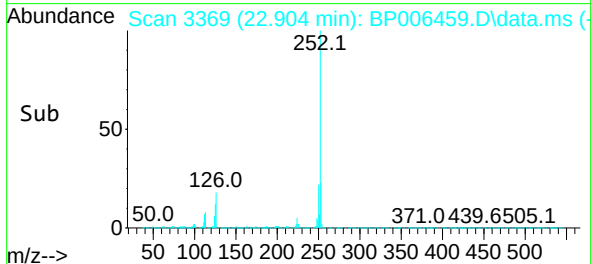
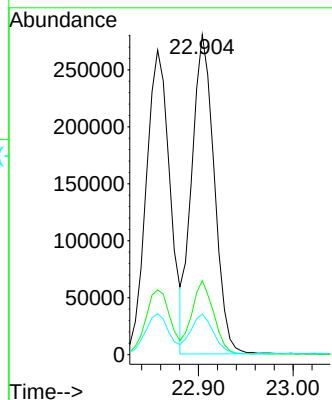
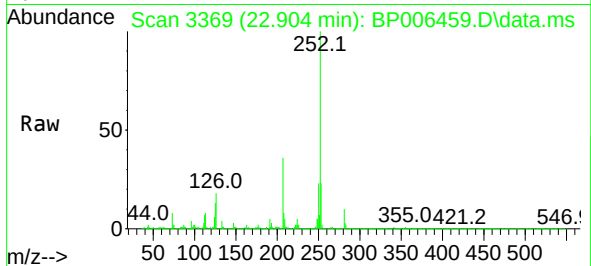




#89
Benzo(k)fluoranthene
Concen: 7.557 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.012 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

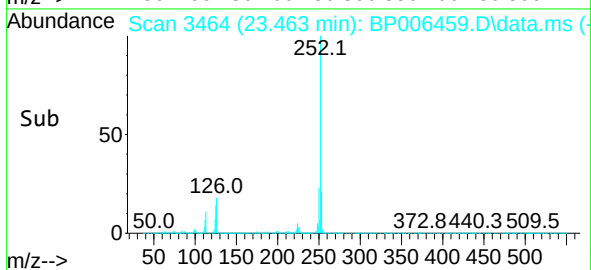
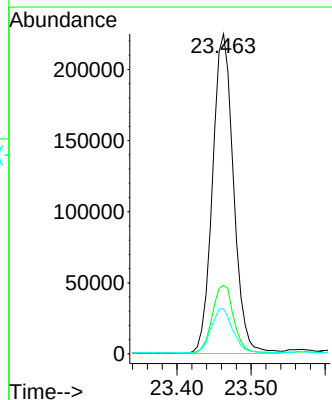
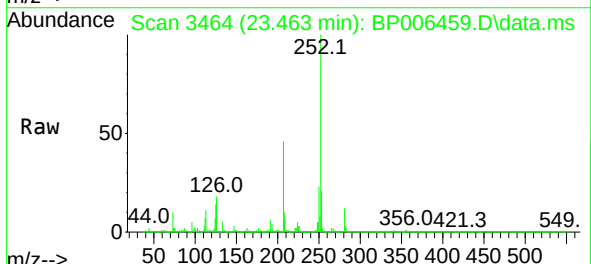
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

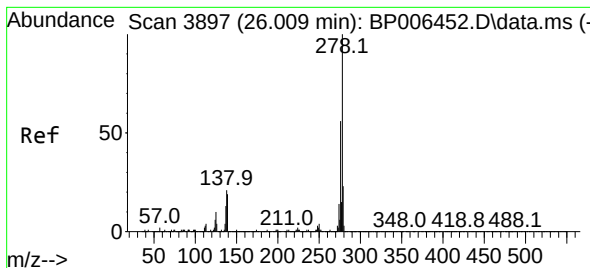
Tgt Ion:252 Resp: 462710
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.7 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 7.818 ng
RT: 23.463 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:252 Resp: 441811
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 14.1 6.5 9.7#

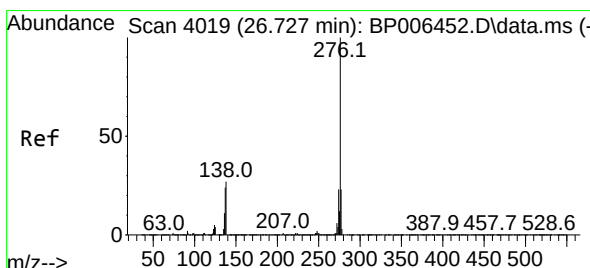
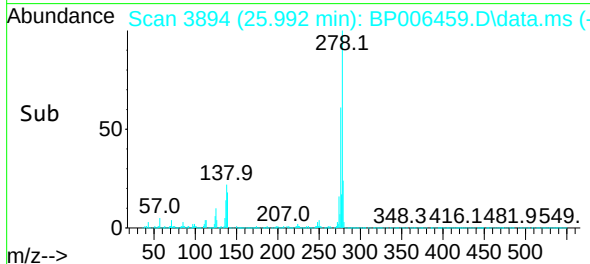
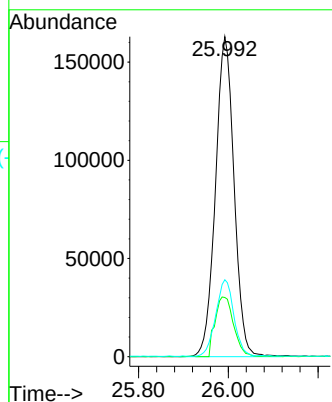
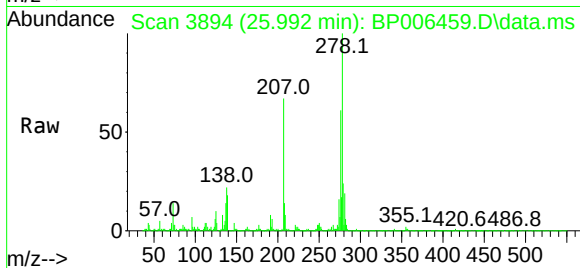




#91
Dibenzo(a,h)anthracene
Concen: 7.674 ng
RT: 25.992 min Scan# 3894
Delta R.T. -0.017 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:278 Resp: 468900
Ion Ratio Lower Upper
278 100
139 18.5 9.3 13.9#
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 7.789 ng
RT: 26.704 min Scan# 4015
Delta R.T. -0.023 min
Lab File: BP006459.D
Acq: 02 Aug 2021 20:05

Tgt Ion:276 Resp: 456294
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 27.2 12.6 18.8#

