

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032621\
 Data File : BP005058.D
 Acq On : 26 Mar 2021 12:31
 Operator : CG/JU
 Sample : M1458-03
 Misc : MDL-SOIL--8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Quant Time: Mar 26 13:18:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 11:57:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	32442	20.00	ng	# 0.00
21) Naphthalene-d8	10.505	136	125274	20.00	ng	# 0.00
39) Acenaphthene-d10	14.369	164	81257	20.00	ng	0.00
64) Phenanthrene-d10	17.134	188	178373	20.00	ng	# 0.00
76) Chrysene-d12	21.227	240	195634	20.00	ng	0.00
86) Perylene-d12	23.521	264	200787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	154493	73.29	ng	0.00
7) Phenol-d6	6.893	99	220083	72.88	ng	0.00
23) Nitrobenzene-d5	8.875	82	178391	61.10	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	80846	76.36	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	370753	61.72	ng	0.00
79) Terphenyl-d14	19.704	244	638492	59.41	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	7168	7.81	ng	96
3) Pyridine	3.675	79	14559	6.38	ng	95
4) n-Nitrosodimethylamine	3.570	42	5766	7.06	ng	# 77
6) Aniline	7.052	93	28135	8.22	ng	# 84
8) 2-Chlorophenol	7.281	128	17126	7.70	ng	# 78
9) Benzaldehyde	6.869	77	17662	11.48	ng	# 80
10) Phenol	6.916	94	23230	7.51	ng	83
11) bis(2-Chloroethyl)ether	7.152	93	17563	7.75	ng	95
12) 1,3-Dichlorobenzene	7.605	146	19941	8.07	ng	# 85
13) 1,4-Dichlorobenzene	7.752	146	19471	7.76	ng	# 90
14) 1,2-Dichlorobenzene	8.069	146	19523	8.11	ng	89
15) Benzyl Alcohol	7.963	79	16817	7.22	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.252	45	12991	7.82	ng	91
17) 2-Methylphenol	8.158	107	15056	7.62	ng	# 87
18) Hexachloroethane	8.787	117	7306	7.64	ng	90
19) n-Nitroso-di-n-propyla...	8.522	70	14369	7.34	ng	# 91
20) 3+4-Methylphenols	8.487	107	19930	7.39	ng	87
22) Acetophenone	8.540	105	28422	7.89	ng	# 92
24) Nitrobenzene	8.916	77	23628	7.68	ng	# 77
25) Isophorone	9.446	82	37624	6.98	ng	# 89
26) 2-Nitrophenol	9.628	139	8111	6.80	ng	# 53
27) 2,4-Dimethylphenol	9.693	122	15259	7.95	ng	88
28) bis(2-Chloroethoxy)met...	9.928	93	22783	8.35	ng	97
29) 2,4-Dichlorophenol	10.157	162	15435	7.19	ng	88
30) 1,2,4-Trichlorobenzene	10.369	180	18302	7.59	ng	100
31) Naphthalene	10.557	128	53202	7.52	ng	99
32) Benzoic acid	9.769	122	5855	4.11	ng	# 77
33) 4-Chloroaniline	10.675	127	22137	7.73	ng	# 87
34) Hexachlorobutadiene	10.840	225	11306	7.28	ng	91
35) Caprolactam	11.457	113	4827	6.85	ng	# 86
36) 4-Chloro-3-methylphenol	11.804	107	18269	7.04	ng	88
37) 2-Methylnaphthalene	12.175	142	38432	7.52	ng	96
38) 1-Methylnaphthalene	12.399	142	35829	7.48	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.546	216	20712	7.83	ng	# 98
41) Hexachlorocyclopentadiene	12.522	237	12440	8.64	ng	90

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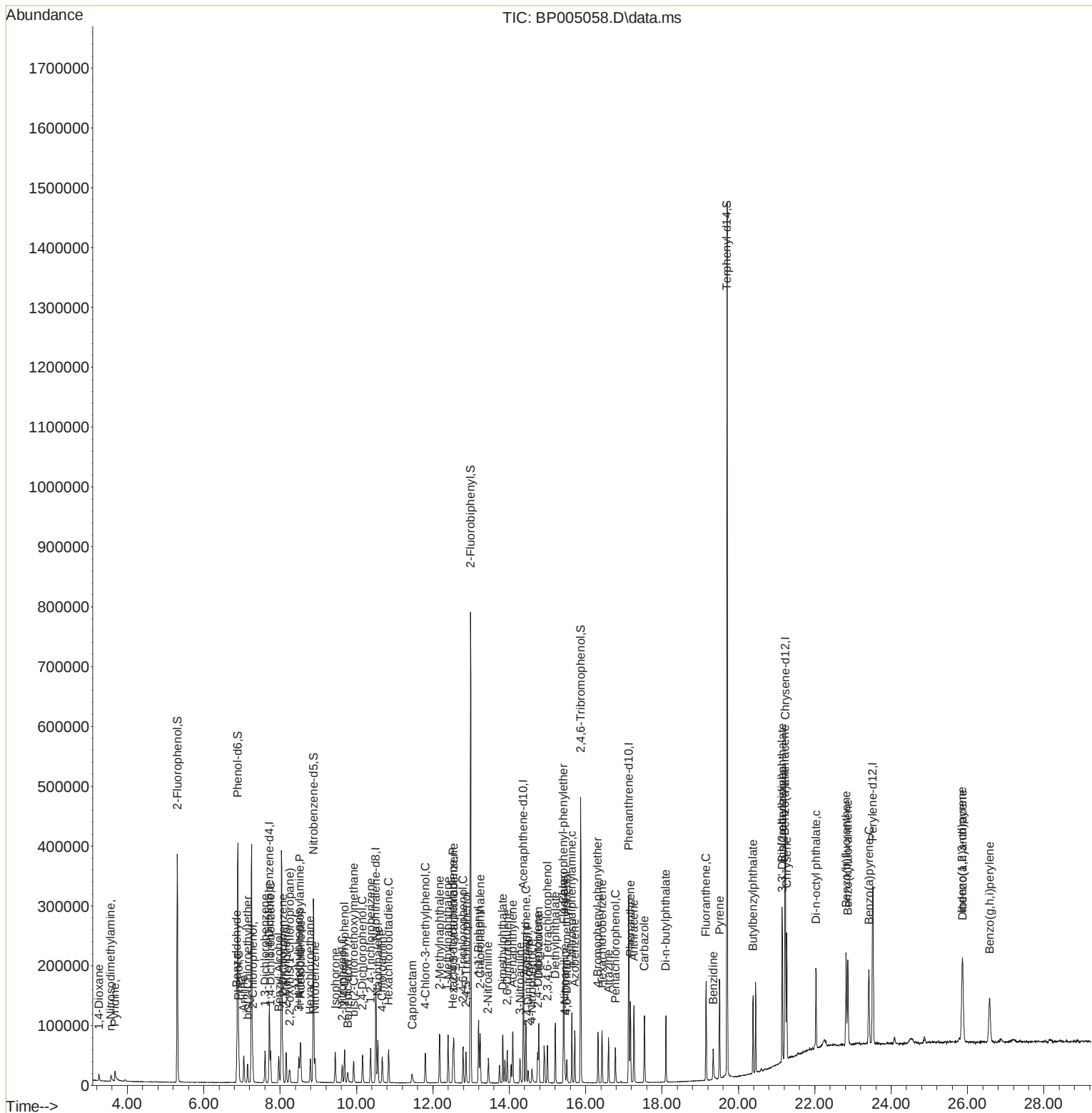
Instrument :
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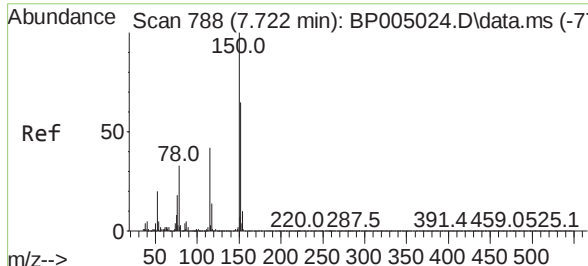
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.793	196	12867	7.04	ng	98
44) 2,4,5-Trichlorophenol	12.869	196	13977	7.06	ng	# 94
46) 1,1'-Biphenyl	13.198	154	50127	8.09	ng	96
47) 2-Chloronaphthalene	13.240	162	39122	7.75	ng	99
48) 2-Nitroaniline	13.451	65	11166	6.95	ng	# 64
49) Acenaphthylene	14.093	152	58447	7.45	ng	98
50) Dimethylphthalate	13.834	163	47655	7.61	ng	98
51) 2,6-Dinitrotoluene	13.951	165	10800	7.32	ng	# 66
52) Acenaphthene	14.434	154	36456	7.55	ng	100
53) 3-Nitroaniline	14.281	138	9524	7.02	ng	# 65
54) 2,4-Dinitrophenol	14.493	184	4913	5.50	ng	# 88
55) Dibenzofuran	14.775	168	60056	7.59	ng	97
56) 4-Nitrophenol	14.598	139	7387	6.63	ng	# 52
57) 2,4-Dinitrotoluene	14.745	165	13600	6.98	ng	# 66
58) Fluorene	15.428	166	48355	7.57	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	13083	7.16	ng	97
60) Diethylphthalate	15.204	149	47874	7.82	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	25855	7.62	ng	96
62) 4-Nitroaniline	15.451	138	9319	6.68	ng	# 59
63) Azobenzene	15.716	77	49970	7.14	ng	84
65) 4,6-Dinitro-2-methylph...	15.504	198	8427	6.47	ng	87
66) n-Nitrosodiphenylamine	15.640	169	41101	7.17	ng	97
67) 4-Bromophenyl-phenylether	16.322	248	15176	7.34	ng	96
68) Hexachlorobenzene	16.434	284	17536	7.55	ng	95
69) Atrazine	16.598	200	13123	6.89	ng	97
70) Pentachlorophenol	16.781	266	10021	6.53	ng	97
71) Phenanthrene	17.175	178	77984	7.54	ng	98
72) Anthracene	17.263	178	77386	7.66	ng	99
73) Carbazole	17.539	167	67478	7.11	ng	99
74) Di-n-butylphthalate	18.098	149	73422	7.03	ng	# 97
75) Fluoranthene	19.151	202	91504	7.52	ng	98
77) Benzidine	19.339	184	33452	7.79	ng	98
78) Pyrene	19.504	202	95887	7.13	ng	96
80) Butylbenzylphthalate	20.386	149	33386	6.69	ng	# 77
81) Benzo(a)anthracene	21.216	228	97258	7.32	ng	98
82) 3,3'-Dichlorobenzidine	21.151	252	35047	7.85	ng	98
83) Chrysene	21.263	228	95546	7.32	ng	96
84) Bis(2-ethylhexyl)phtha...	21.145	149	50392	6.89	ng	98
85) Di-n-octyl phthalate	22.027	149	86341	7.00	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.863	276	110947	7.37	ng	97
88) Benzo(b)fluoranthene	22.822	252	102577	7.19	ng	99
89) Benzo(k)fluoranthene	22.869	252	99427	7.28	ng	98
90) Benzo(a)pyrene	23.416	252	89720	7.02	ng	98
91) Dibenzo(a,h)anthracene	25.874	278	95040	7.30	ng	96
92) Benzo(g,h,i)perylene	26.574	276	93307	7.43	ng	96

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

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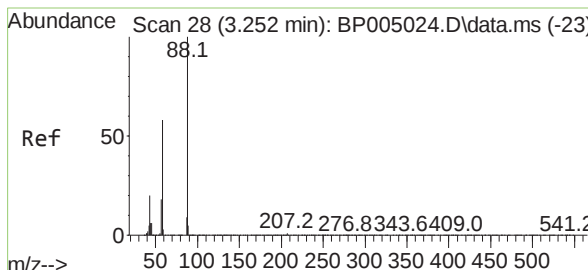
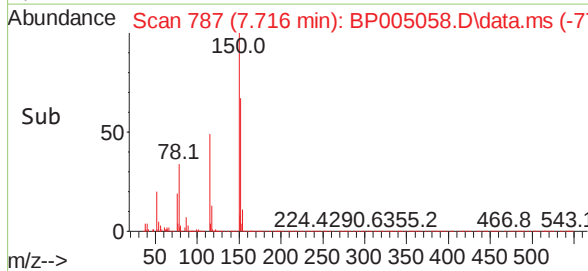
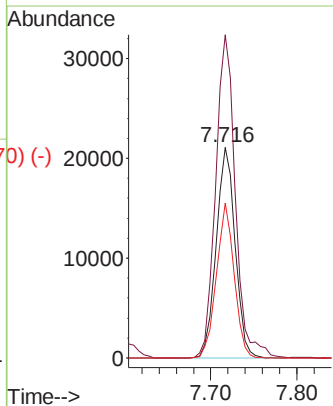
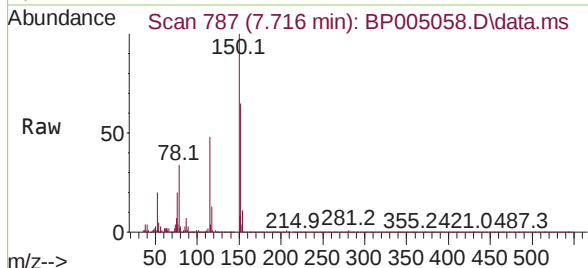




Scan 788 (7.722 min): BP005024.D\data.ms (-779)#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.716 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

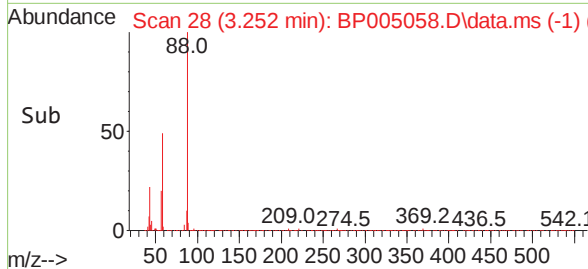
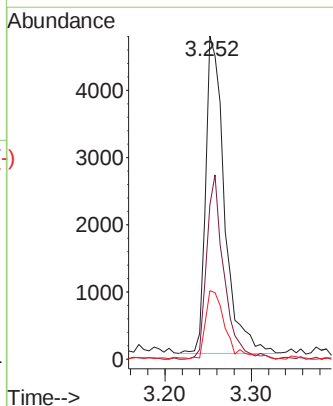
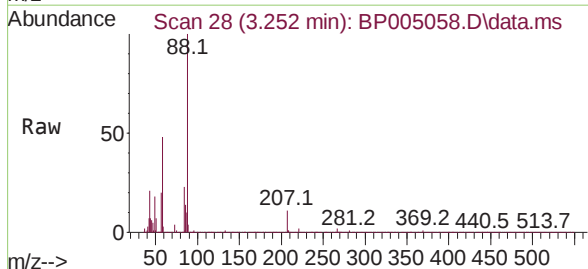
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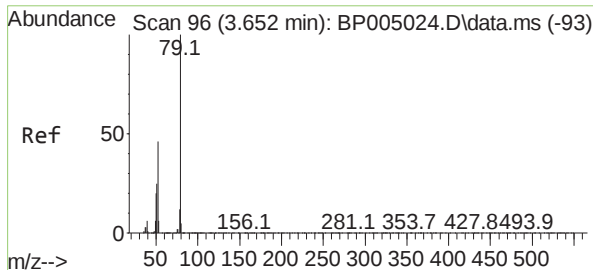
Tgt Ion:	152	Resp:	32442
Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	73.4	43.8	65.6#



Scan 28 (3.252 min): BP005024.D\data.ms (-23)-#2
 1,4-Dioxane
 Concen: 7.81 ng
 RT: 3.252 min Scan# 28
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	88	Resp:	7168
Ion	Ratio	Lower	Upper
88	100		
58	53.3	44.2	66.4
43	22.3	15.2	22.8

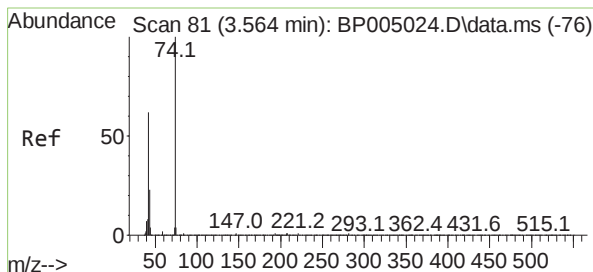
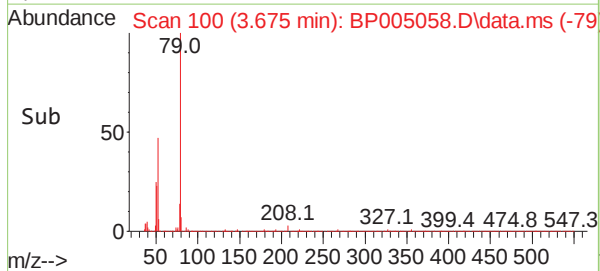
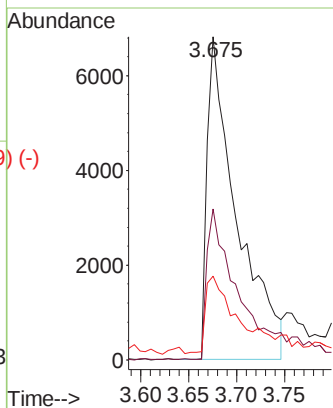
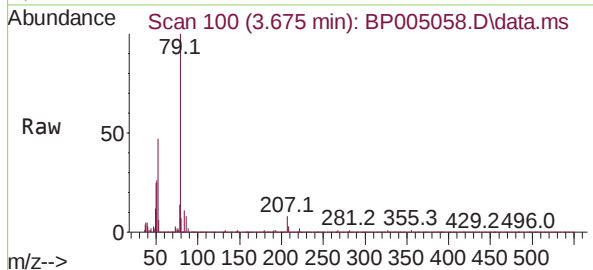




Pyridine
Concen: 6.38 ng
RT: 3.675 min Scan# 100
Delta R.T. 0.023 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

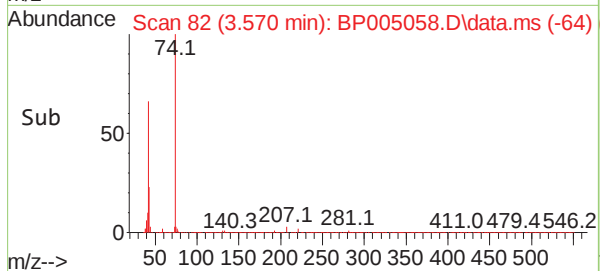
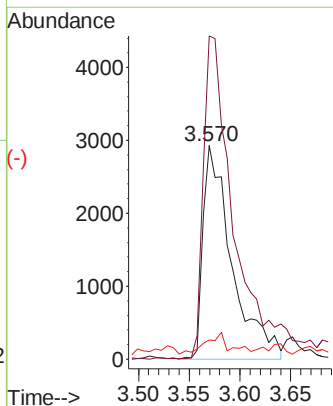
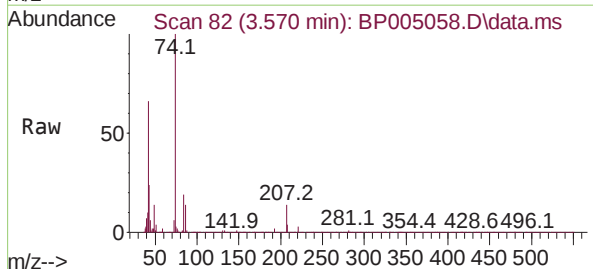
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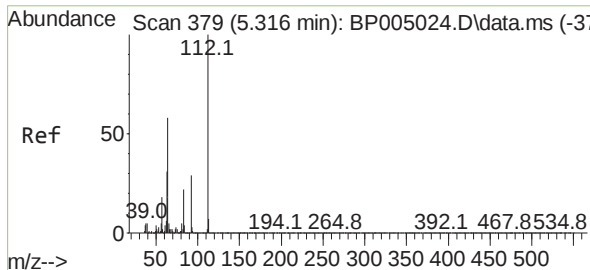
Tgt Ion:	79	Resp:	14559
Ion	Ratio	Lower	Upper
79	100		
52	46.6	41.3	61.9
51	25.9	21.2	31.8



n-Nitrosodimethylamine
Concen: 7.06 ng
RT: 3.570 min Scan# 82
Delta R.T. 0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	42	Resp:	5766
Ion	Ratio	Lower	Upper
42	100		
74	151.3	148.6	223.0
44	8.9	5.3	7.9#

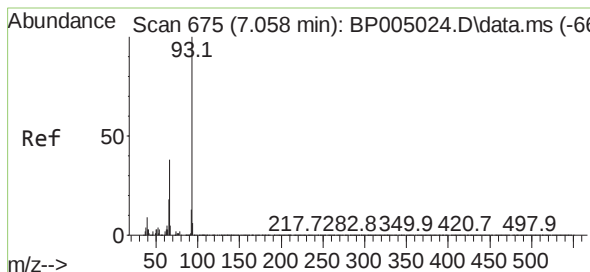
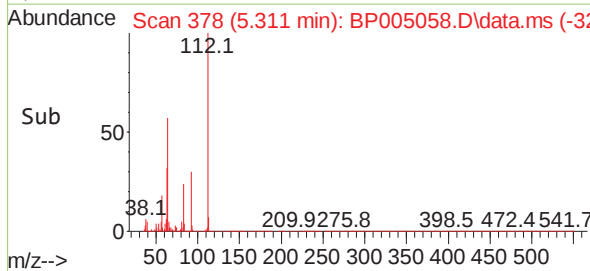
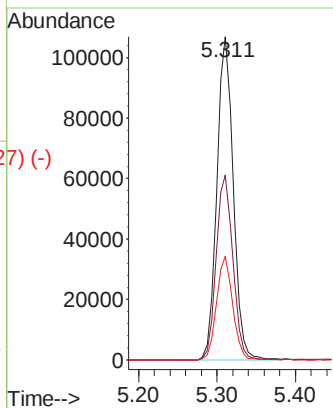
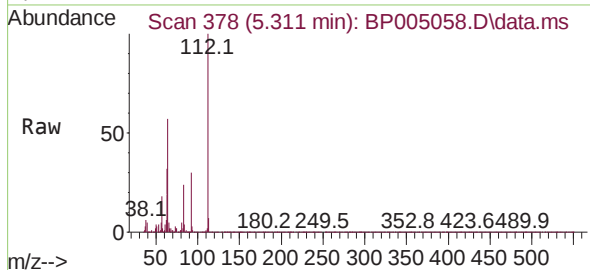




2-Fluorophenol
Concen: 73.29 ng
RT: 5.311 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

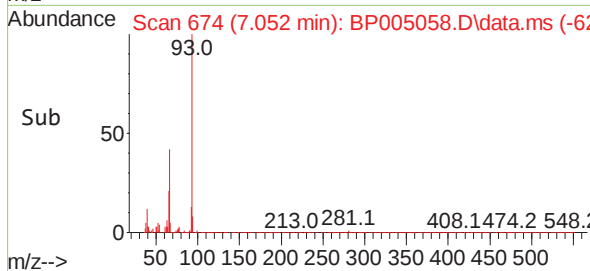
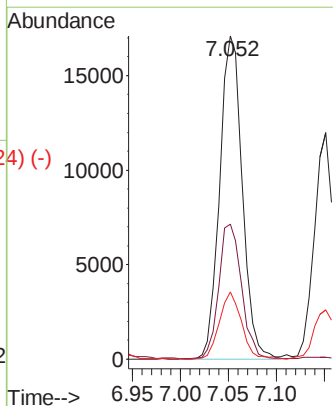
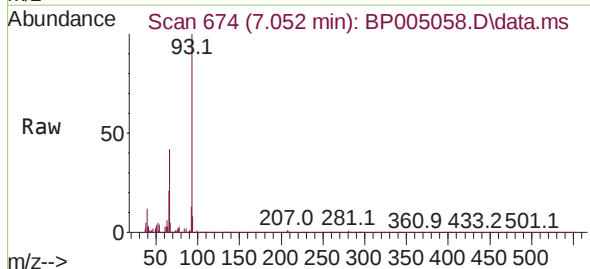
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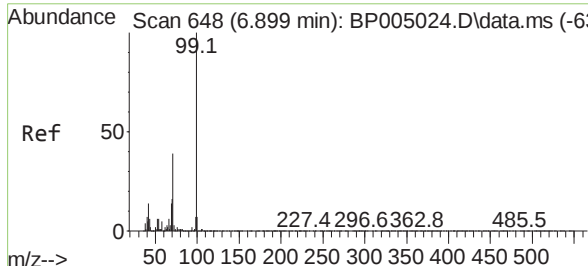
Tgt Ion:	112	Resp:	154493
Ion	Ratio	Lower	Upper
112	100		
64	57.2	32.8	49.2#
63	32.0	17.0	25.4#



Aniline
Concen: 8.22 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.006 min
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Tgt Ion:	93	Resp:	28135
Ion	Ratio	Lower	Upper
93	100		
66	41.8	25.4	38.0#
65	20.8	12.5	18.7#

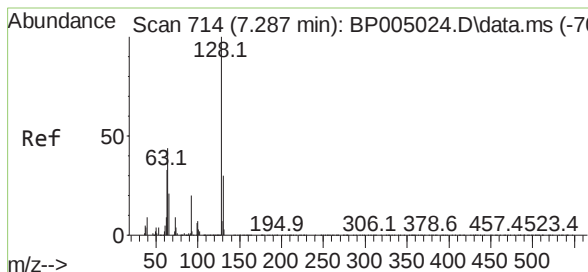
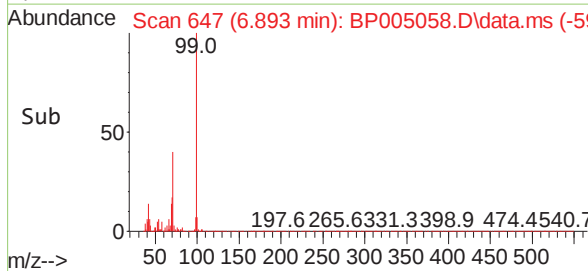
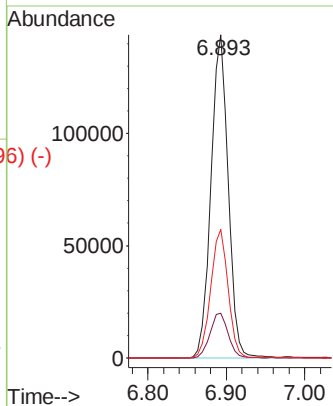
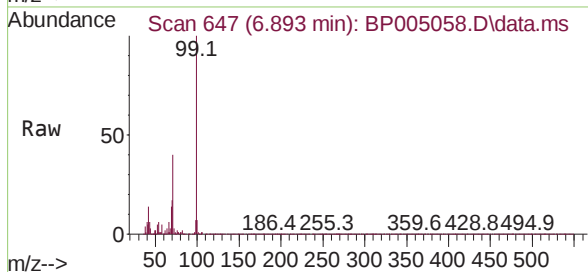




Phenol-d6
 Concen: 72.88 ng
 RT: 6.893 min Scan# 647
 Delta R.T. -0.000 min
 Lab File: BP005058.D
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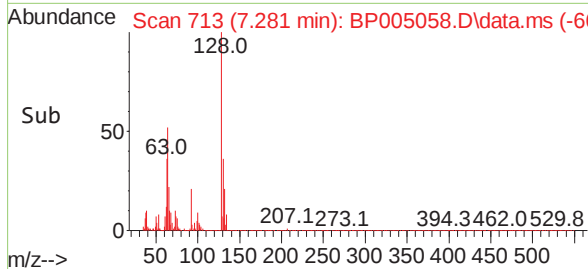
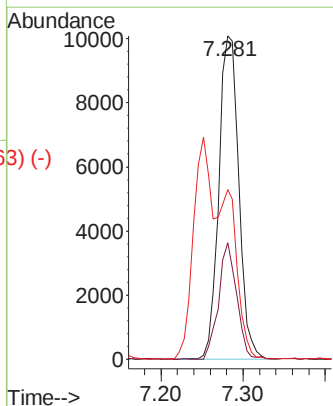
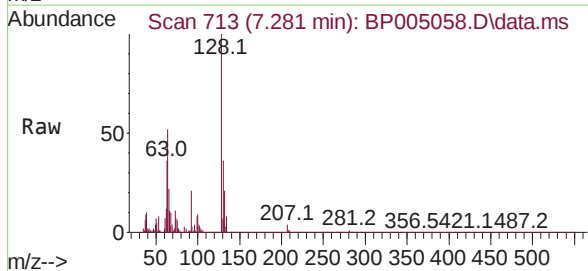
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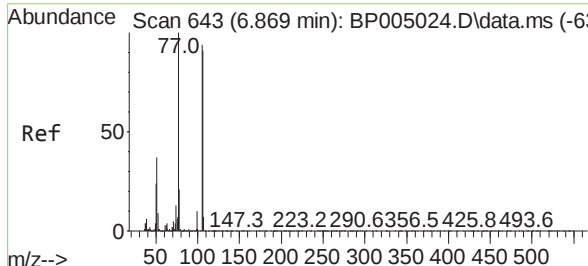
Tgt Ion:	99	Resp:	220083
Ion	Ratio	Lower	Upper
99	100		
42	13.8	8.6	13.0#
71	39.9	23.4	35.2#



2-Chlorophenol
 Concen: 7.70 ng
 RT: 7.281 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: BP005058.D
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Tgt Ion:	128	Resp:	17126
Ion	Ratio	Lower	Upper
128	100		
130	35.9	13.0	53.0
64	52.5	10.4	50.4#

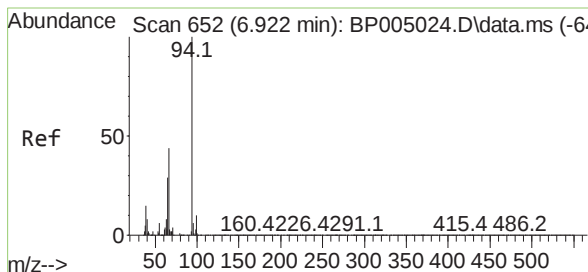
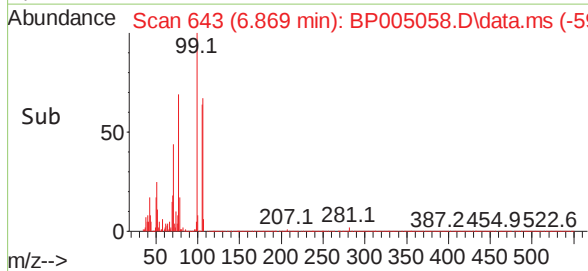
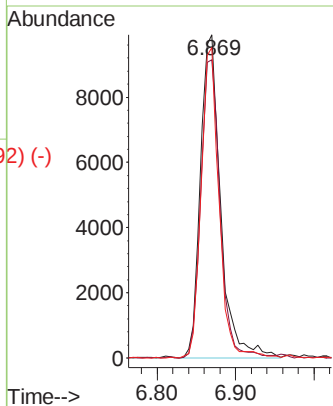
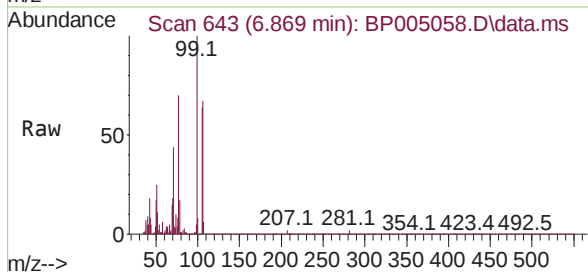




Benzaldehyde
 Concen: 11.48 ng
 RT: 6.869 min Scan# 643
 Delta R.T. -0.000 min
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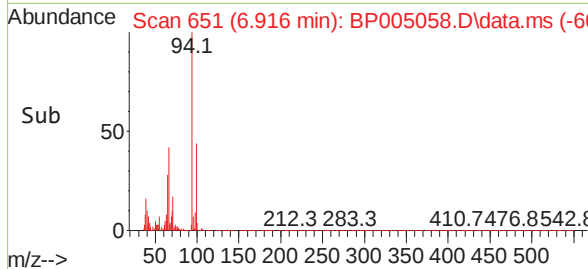
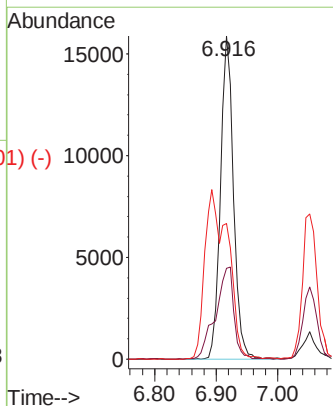
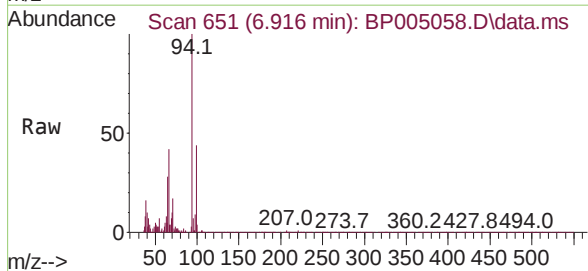
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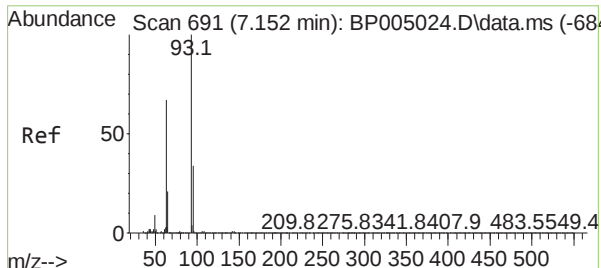
Tgt Ion:	77	Resp:	17662
Ion	Ratio	Lower	Upper
77	100		
105	92.4	97.1	137.1#
106	96.0	93.7	133.7



Phenol
 Concen: 7.51 ng
 RT: 6.916 min Scan# 651
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	94	Resp:	23230
Ion	Ratio	Lower	Upper
94	100		
65	28.2	2.3	42.3
66	41.9	10.9	50.9

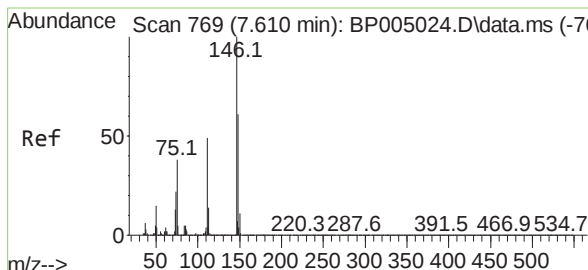
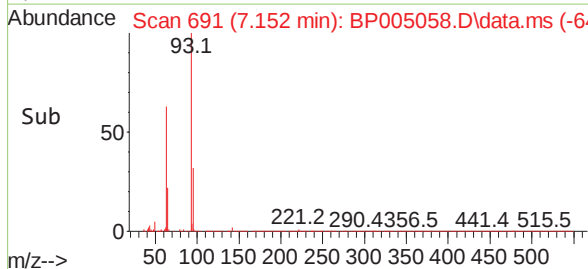
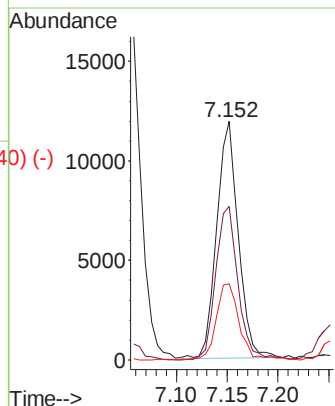
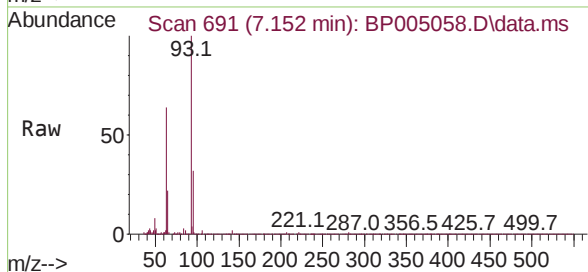




Scan 691 (7.152 min): BP005024.D\data.ms (-684)#1
 bis(2-Chloroethyl)ether
 Concen: 7.75 ng
 RT: 7.152 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

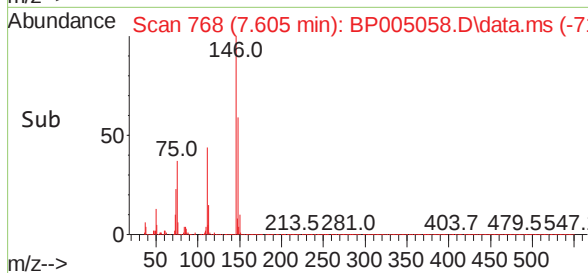
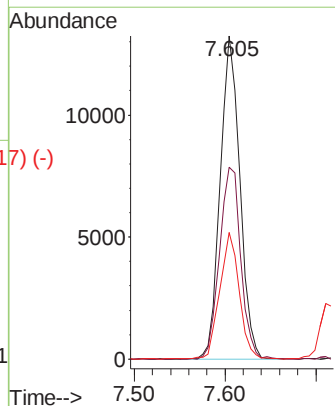
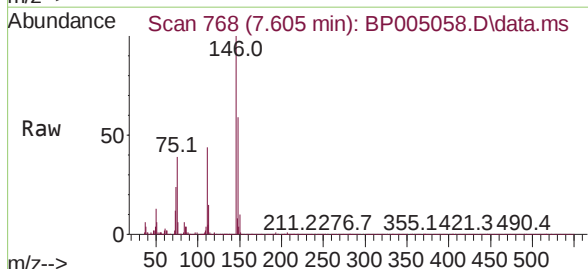
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

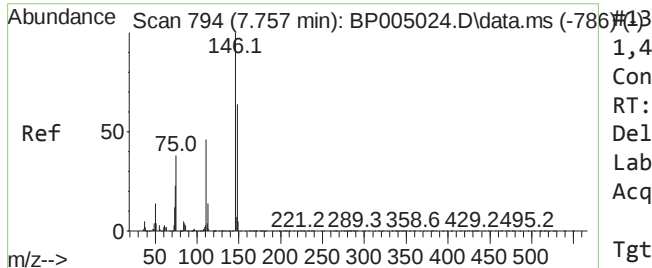
Tgt Ion:	93	Resp:	17563
Ion	Ratio	Lower	Upper
93	100		
63	64.4	39.0	79.0
95	31.9	12.8	52.8



Scan 769 (7.610 min): BP005024.D\data.ms (-760)#1
 1,3-Dichlorobenzene
 Concen: 8.07 ng
 RT: 7.605 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	146	Resp:	19941
Ion	Ratio	Lower	Upper
146	100		
148	59.5	52.5	78.7
75	39.2	18.1	27.1#

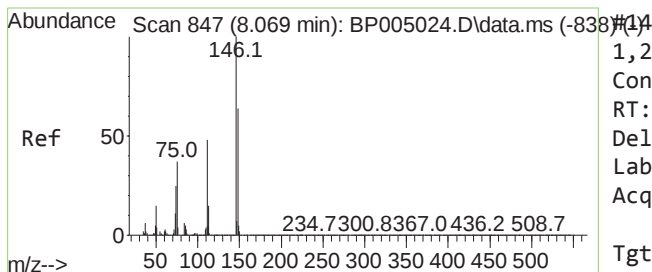
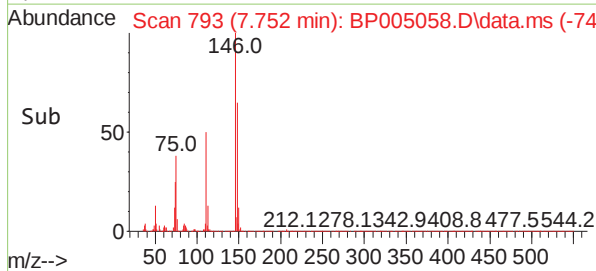
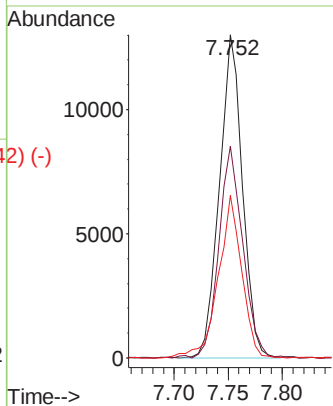
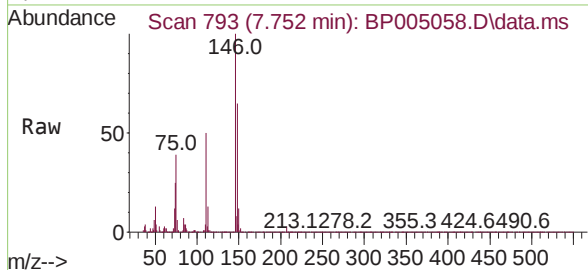




1,4-Dichlorobenzene
Concen: 7.76 ng
RT: 7.752 min Scan# 793
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

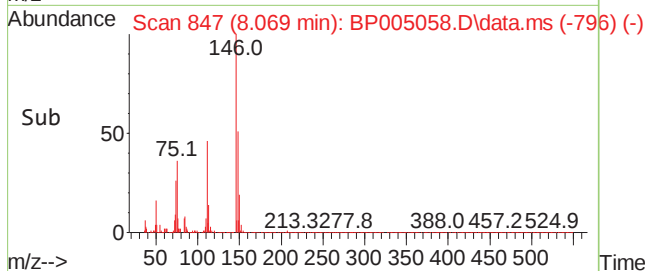
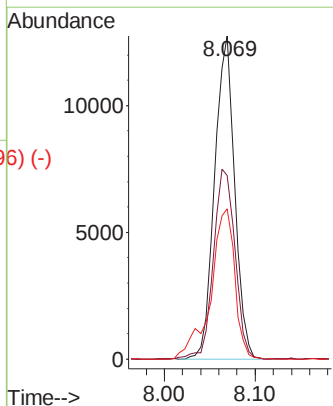
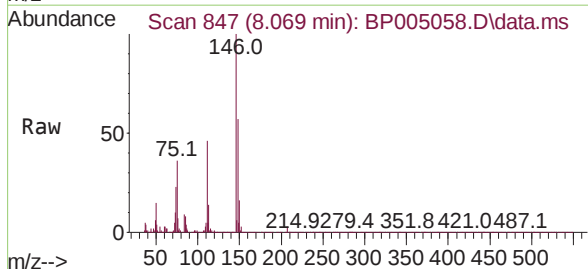
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	146	Resp:	19471
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.3	76.9
111	50.4	28.9	43.3#

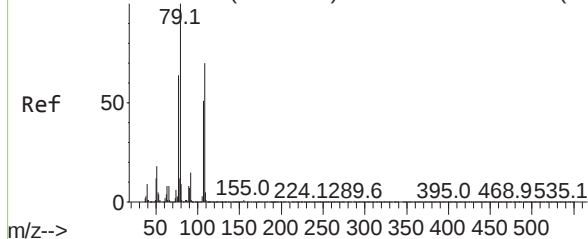


1,2-Dichlorobenzene
Concen: 8.11 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	146	Resp:	19523
Ion	Ratio	Lower	Upper
146	100		
148	56.8	51.6	77.4
111	46.5	31.0	46.6



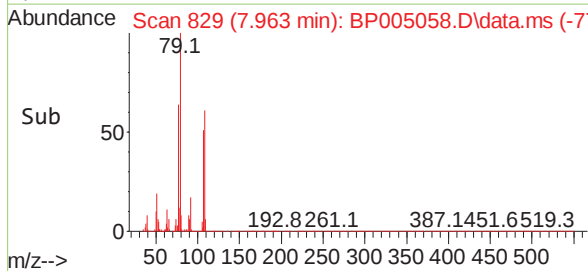
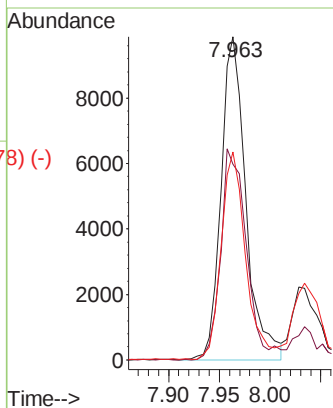
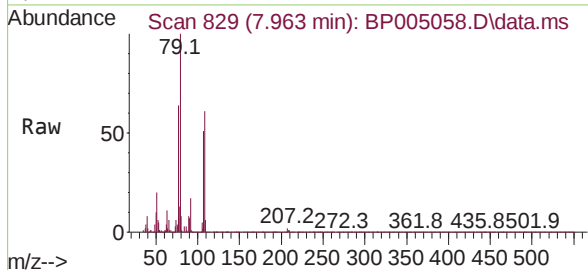
Abundance Scan 830 (7.969 min): BP005024.D\data.ms (-821) #15



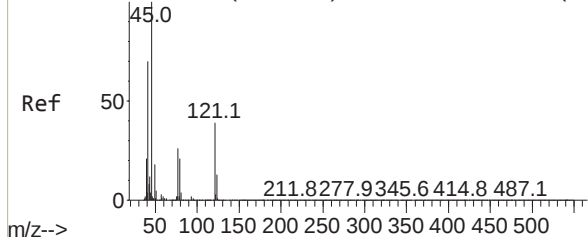
BenzyI Alcohol
Concen: 7.22 ng
RT: 7.963 min Scan# 829
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	79	Resp:	16817
Ion	Ratio	Lower	Upper
79	100		
108	60.6	73.5	110.3#
77	64.3	50.3	75.5

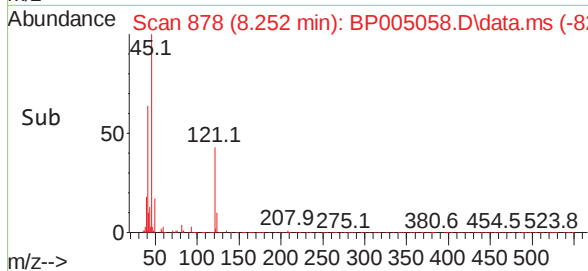
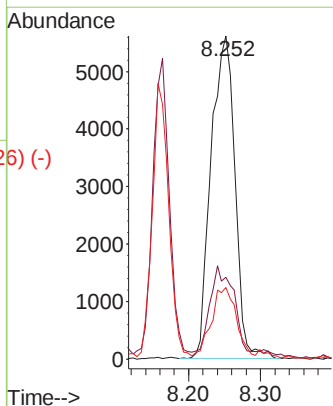
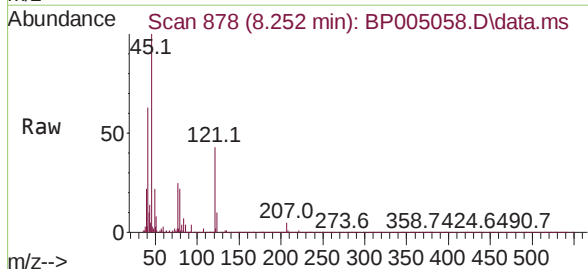


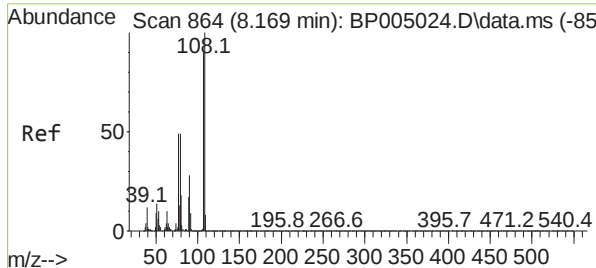
Abundance Scan 878 (8.252 min): BP005024.D\data.ms (-869) #15



2,2'-oxybis(1-Chloropropane)
Concen: 7.82 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	45	Resp:	12991
Ion	Ratio	Lower	Upper
45	100		
77	25.3	2.3	42.3
79	22.1	0.0	36.6

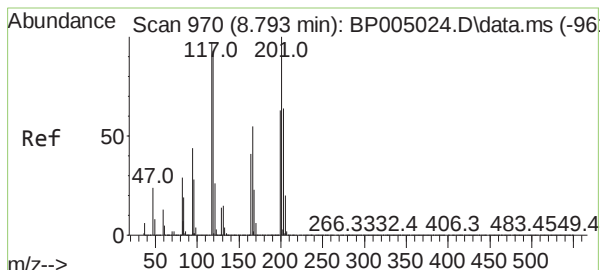
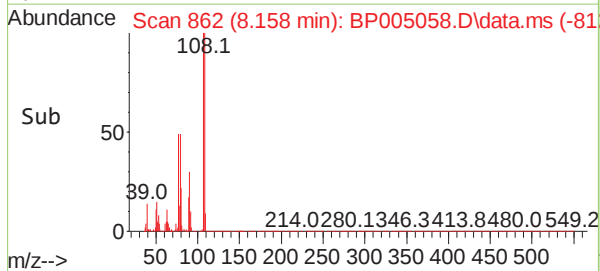
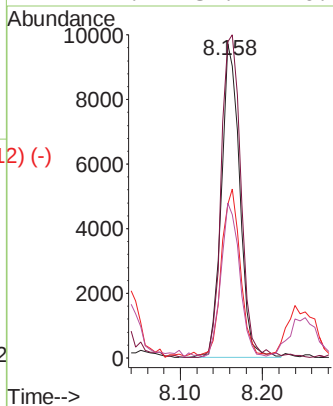
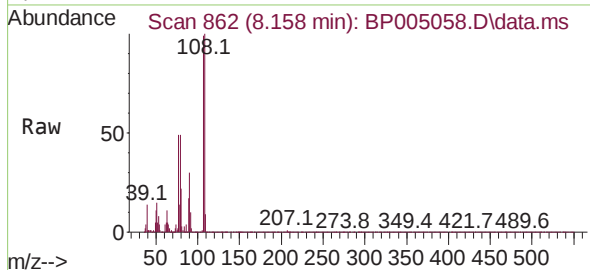




2-Methylphenol
 Concen: 7.62 ng
 RT: 8.158 min Scan# 862
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

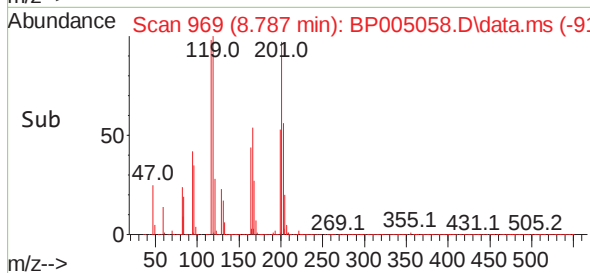
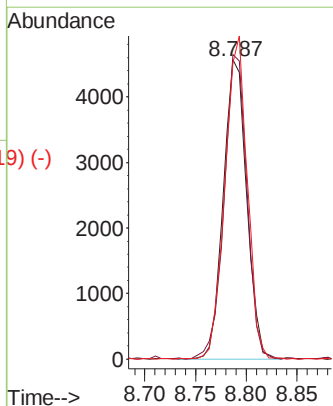
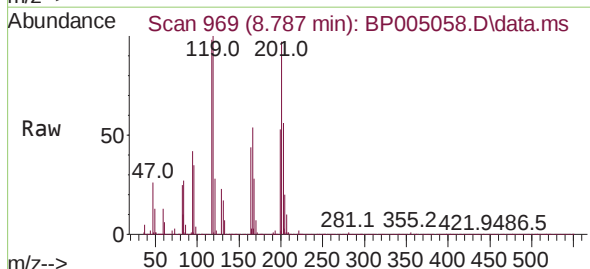
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

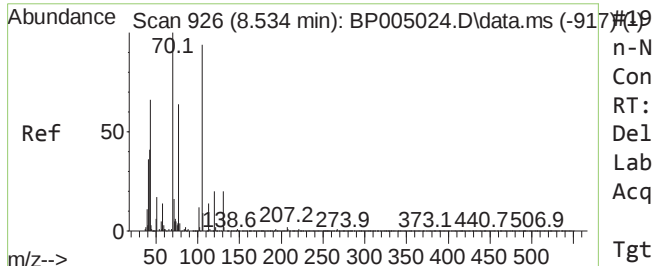
Tgt Ion:	107	Resp:	15056
Ion	Ratio	Lower	Upper
107	100		
108	100.5	89.6	134.4
77	48.8	31.8	47.6#
79	49.2	31.1	46.7#



Hexachloroethane
 Concen: 7.64 ng
 RT: 8.787 min Scan# 969
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	117	Resp:	7306
Ion	Ratio	Lower	Upper
117	100		
119	101.6	78.8	118.2
201	99.0	92.3	138.5

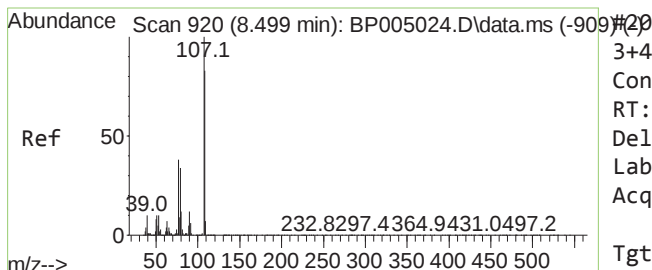
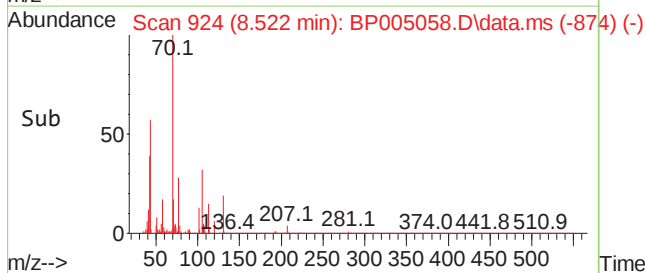
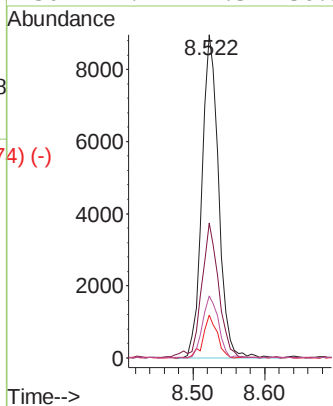
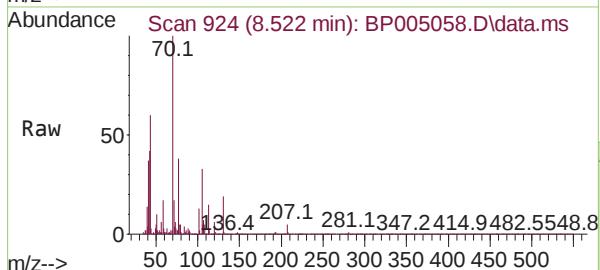




n-Nitroso-di-n-propylamine
Concen: 7.34 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

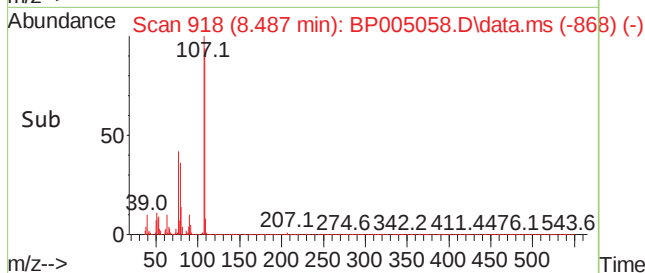
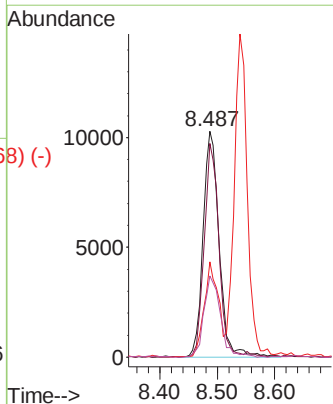
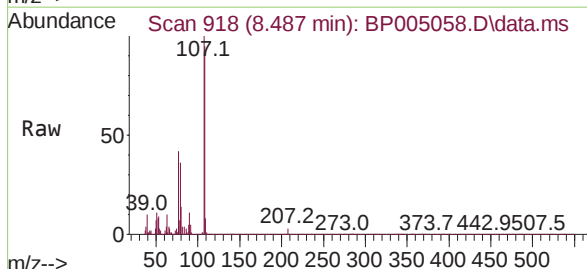
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

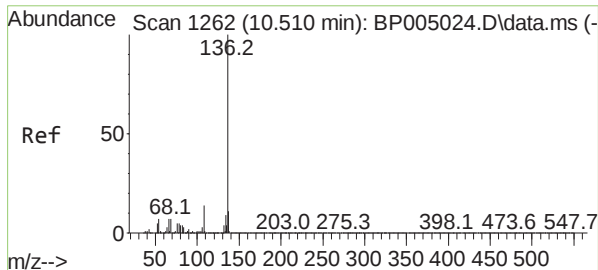
Tgt Ion:	70	Resp:	14369
Ion	Ratio	Lower	Upper
70	100		
42	41.7	32.8	49.2
101	13.2	9.6	14.4
130	19.1	24.3	36.5#



3+4-Methylphenols
Concen: 7.39 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	107	Resp:	19930
Ion	Ratio	Lower	Upper
107	100		
108	94.6	69.0	109.0
77	42.1	8.5	48.5
79	36.1	4.8	44.8

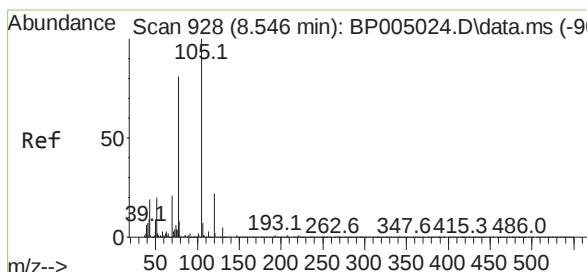
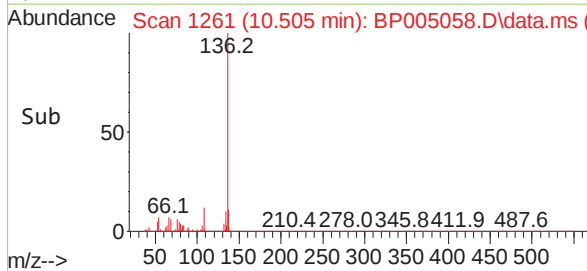
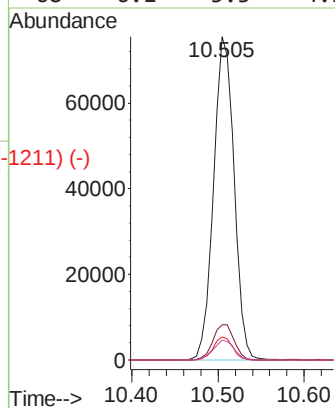
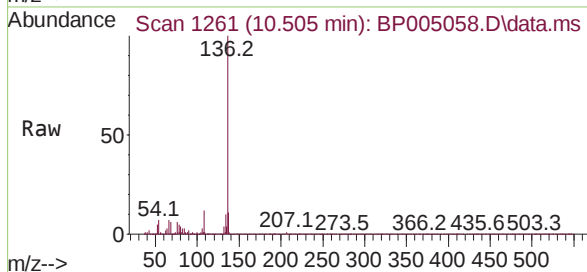




Naphthalene-d8
Concen: 20.00 ng
RT: 10.505 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

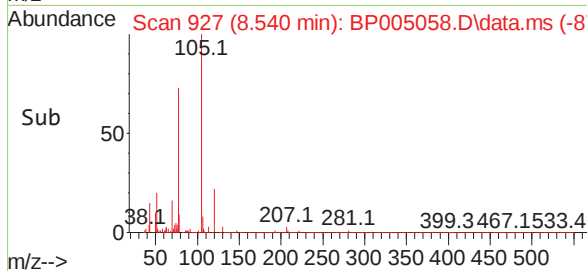
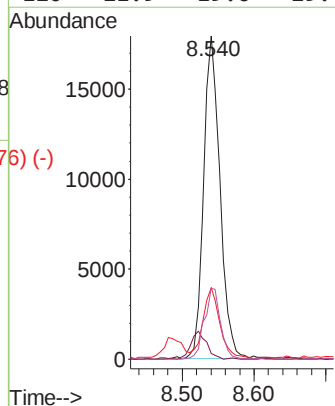
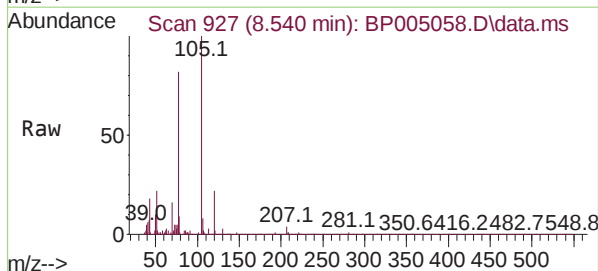
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	136	Resp:	125274
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	3.6	5.4#
68	6.1	3.3	4.9#



Acetophenone
Concen: 7.89 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

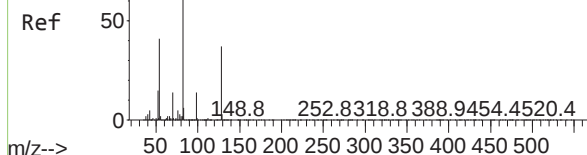
Tgt Ion:	105	Resp:	28422
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.6	3.8#
51	22.1	13.5	20.3#
120	21.9	19.6	29.4



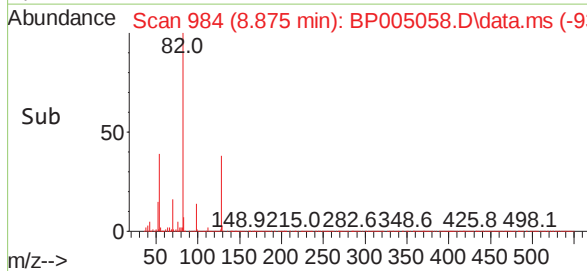
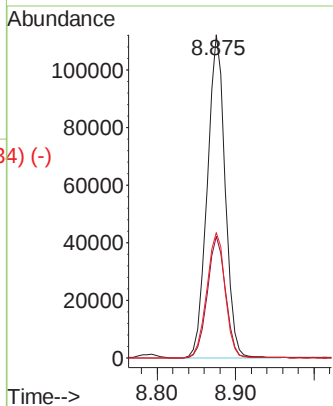
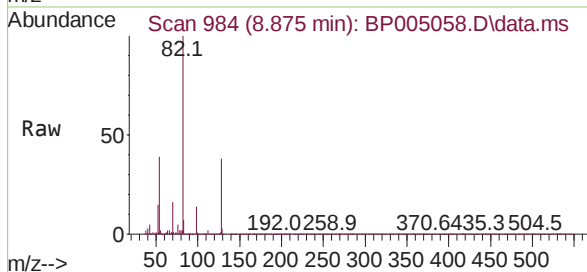
Abundance Scan 985 (8.881 min): BP005024.D\data.ms (-977) #23

Nitrobenzene-d5
Concen: 61.10 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



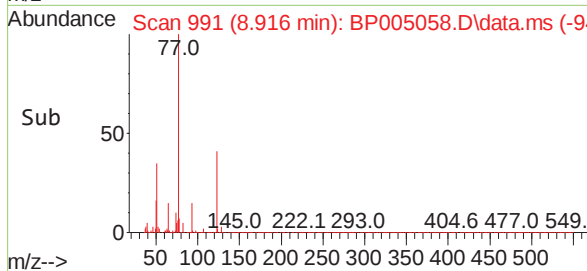
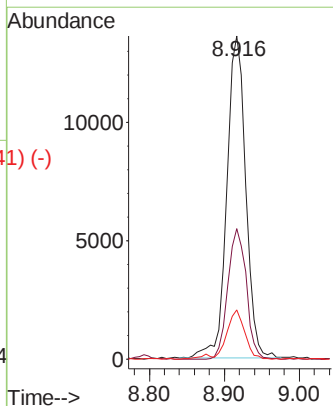
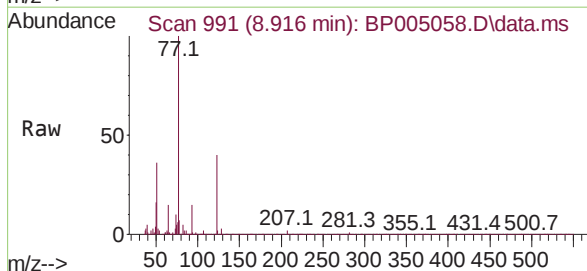
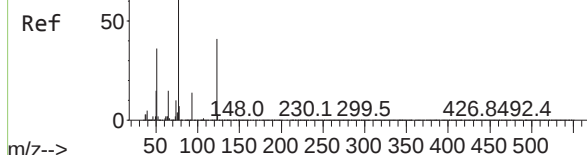
Tgt Ion:	82	Resp:	178391
Ion	Ratio	Lower	Upper
82	100		
128	37.6	45.6	68.4#
54	38.8	30.1	45.1



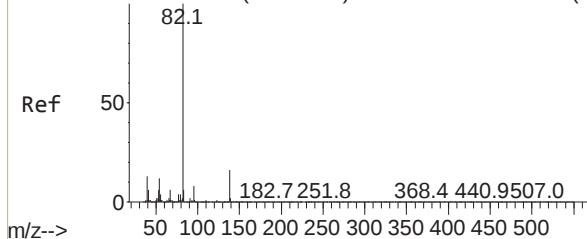
Abundance Scan 992 (8.922 min): BP005024.D\data.ms (-974) #24

Nitrobenzene
Concen: 7.68 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	77	Resp:	23628
Ion	Ratio	Lower	Upper
77	100		
123	40.4	48.6	72.8#
65	15.3	10.0	15.0#



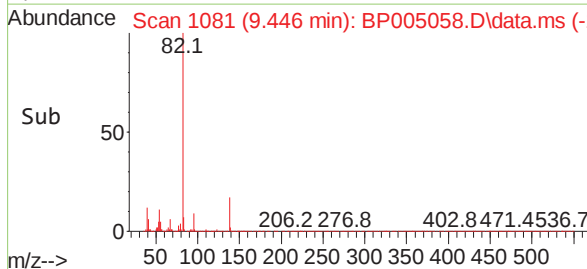
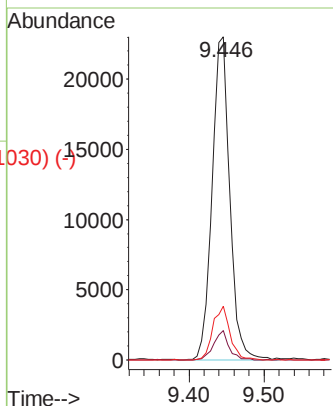
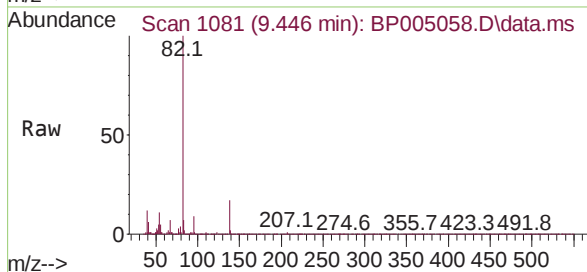
Abundance Scan 1082 (9.452 min): BP005024.D\data.ms (-1025-)



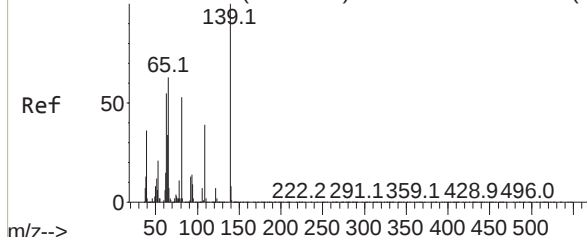
Isophorone
Concen: 6.98 ng
RT: 9.446 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion: 82 Resp: 37624
Ion Ratio Lower Upper
82 100
95 9.0 6.4 9.6
138 16.5 18.7 28.1#

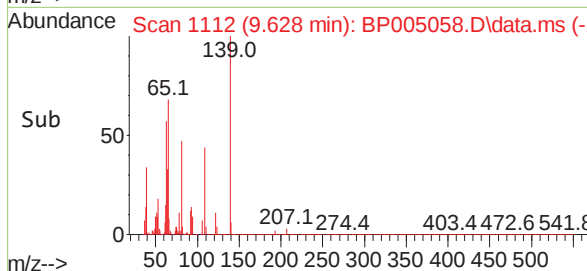
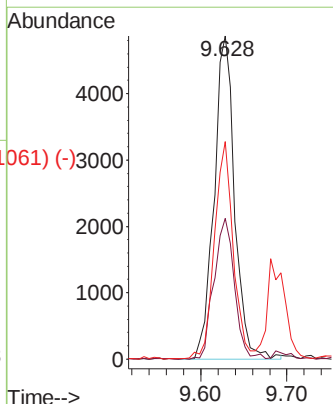
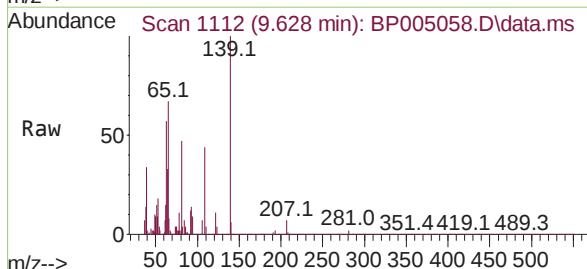


Abundance Scan 1112 (9.628 min): BP005024.D\data.ms (-1106-)

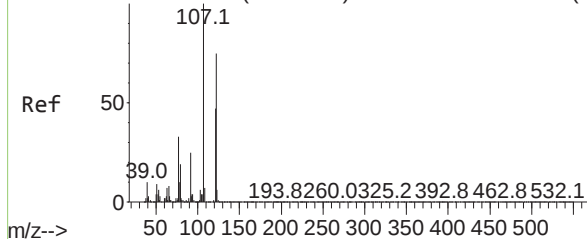


2-Nitrophenol
Concen: 6.80 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion: 139 Resp: 8111
Ion Ratio Lower Upper
139 100
109 43.6 22.1 33.1#
65 67.4 26.5 39.7#



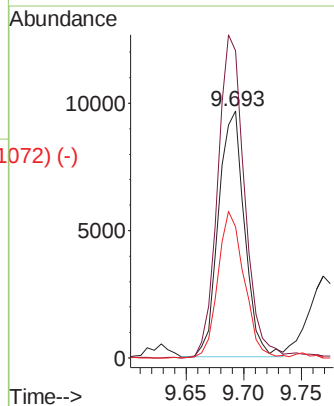
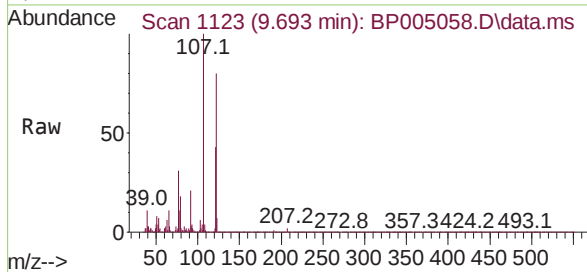
Abundance Scan 1123 (9.693 min): BP005024.D\data.ms (-1127-)



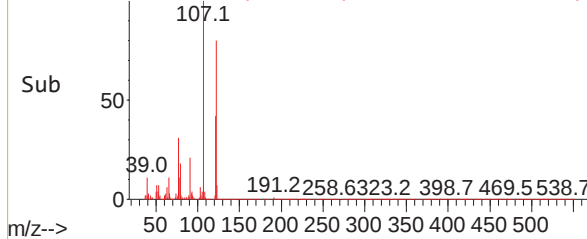
2,4-Dimethylphenol
Concen: 7.95 ng
RT: 9.693 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

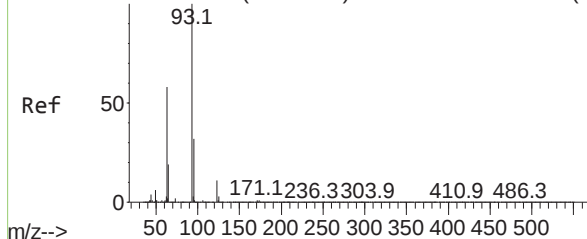
Tgt Ion:	122	Resp:	15259
Ion	Ratio	Lower	Upper
122	100		
107	124.3	87.3	130.9
121	52.9	47.3	70.9



Abundance Scan 1123 (9.693 min): BP005058.D\data.ms (-1072-)

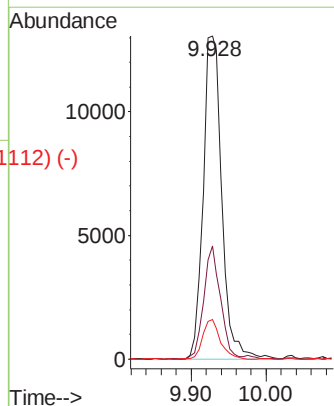
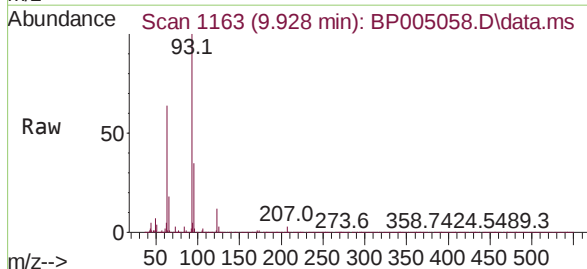


Abundance Scan 1164 (9.934 min): BP005024.D\data.ms (-1128-)

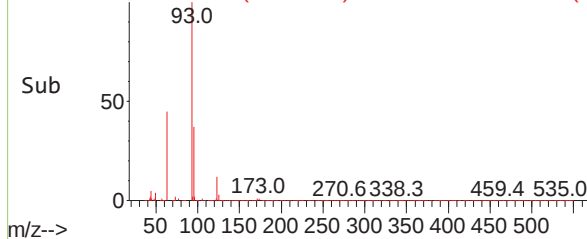


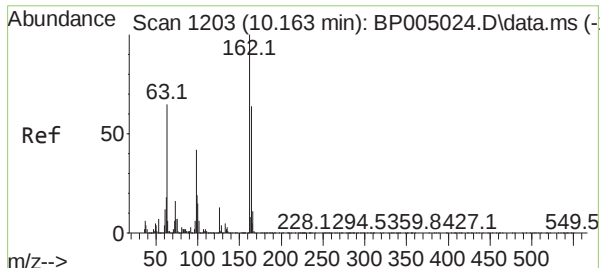
bis(2-Chloroethoxy)methane
Concen: 8.35 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	93	Resp:	22783
Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.7	40.1
123	12.2	10.5	15.7



Abundance Scan 1163 (9.928 min): BP005058.D\data.ms (-1112-)

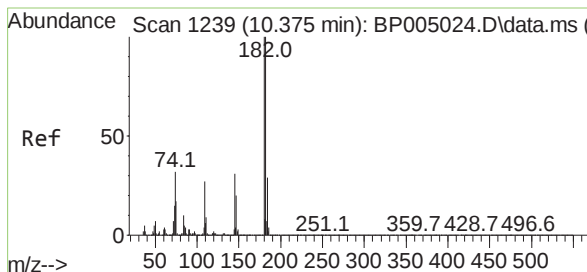
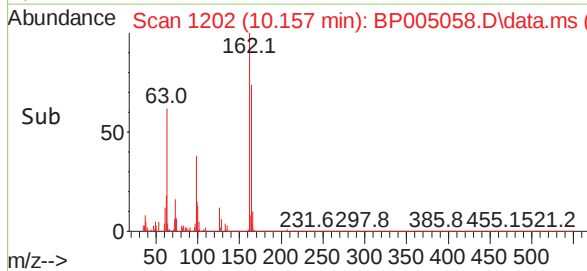
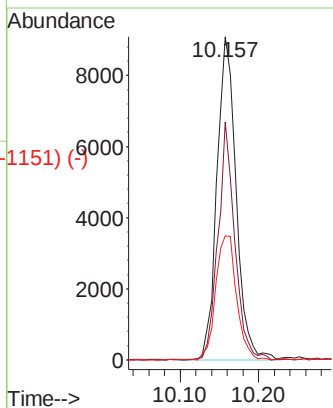
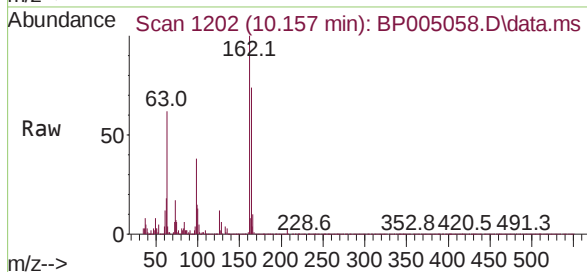




2,4-Dichlorophenol
Concen: 7.19 ng
RT: 10.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

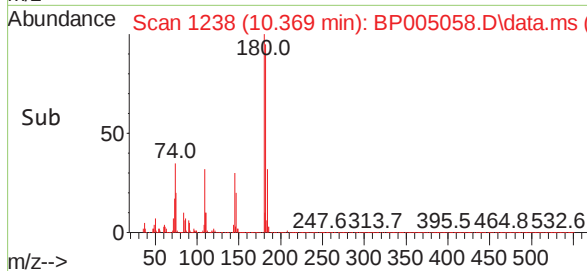
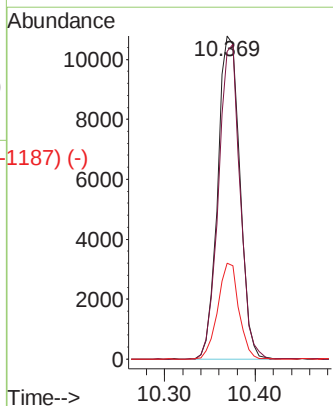
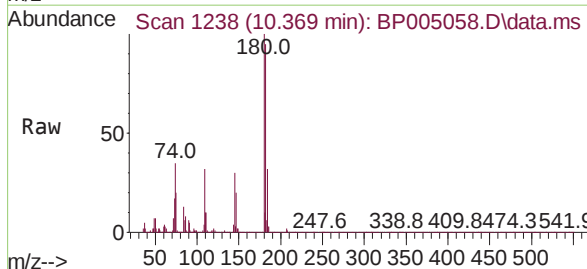
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

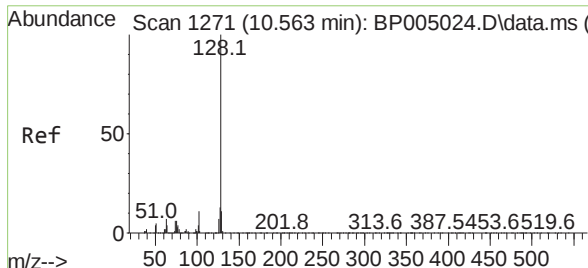
Tgt Ion:	162	Resp:	15435
Ion	Ratio	Lower	Upper
162	100		
164	73.7	45.8	85.8
98	38.5	10.2	50.2



1,2,4-Trichlorobenzene
Concen: 7.59 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	180	Resp:	18302
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.2
145	29.6	23.8	35.8

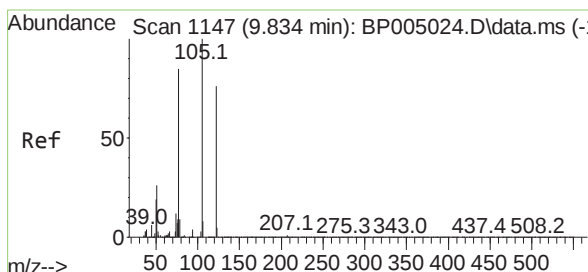
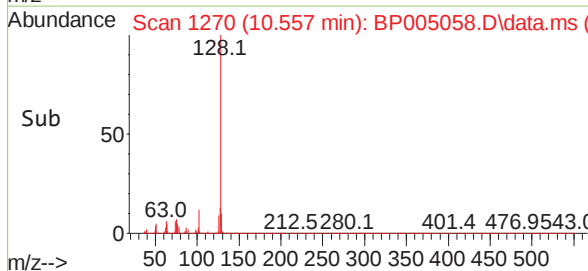
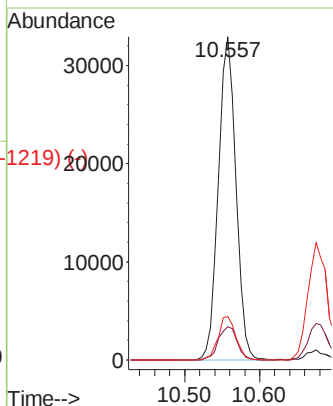
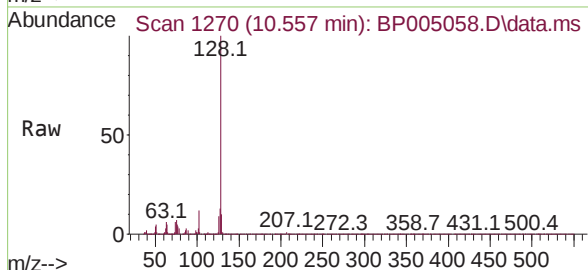




Naphthalene
Concen: 7.52 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

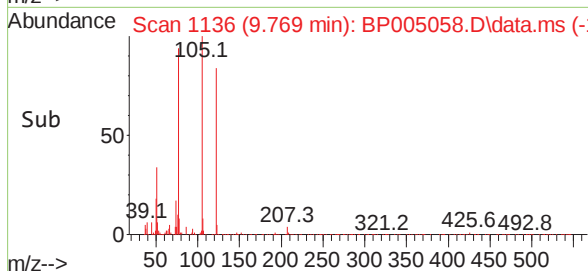
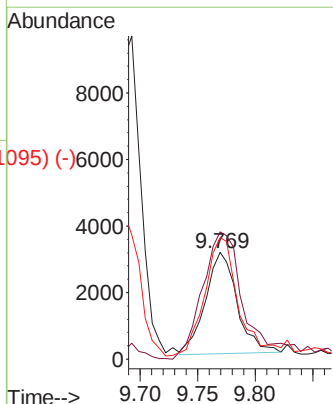
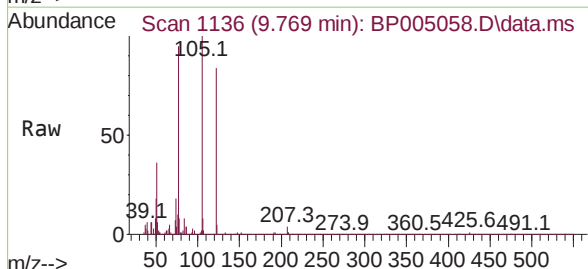
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	128	Resp:	53202
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	13.4	10.6	15.8

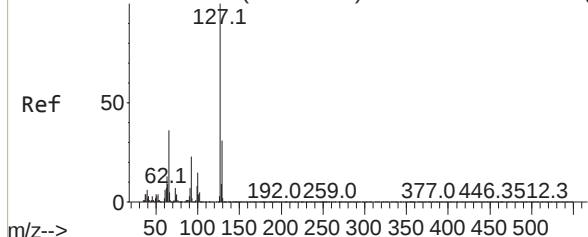


Benzoic acid
Concen: 4.11 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.059 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	122	Resp:	5855
Ion	Ratio	Lower	Upper
122	100		
105	119.5	94.1	134.1
77	114.1	50.1	90.1#



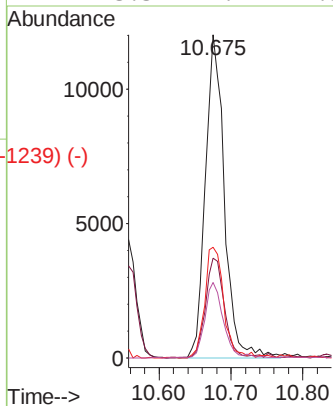
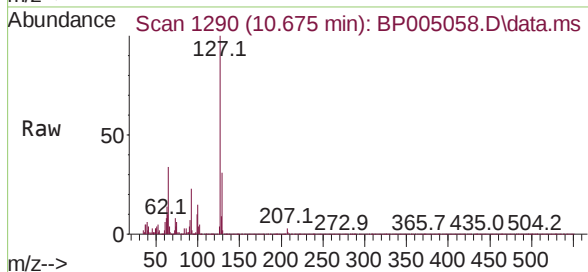
Abundance Scan 1291 (10.681 min): BP005024.D\data.ms (-1279) (-)



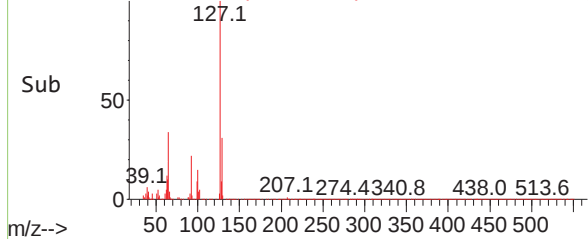
4-Chloroaniline
Concen: 7.73 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

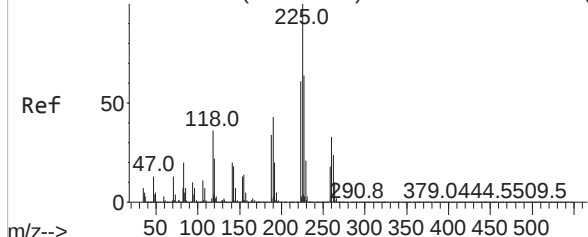
Tgt Ion:	127	Resp:	22137
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.7	38.5
65	34.2	17.3	25.9#
92	23.3	12.9	19.3#



Abundance Scan 1290 (10.675 min): BP005058.D\data.ms (-1239) (-)

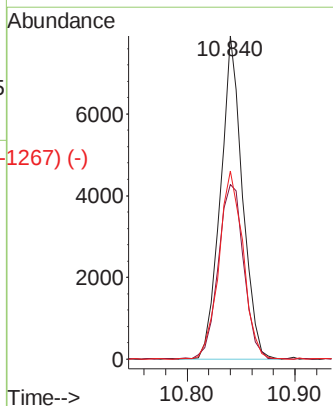
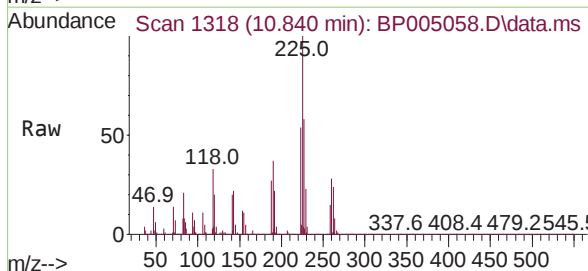


Abundance Scan 1319 (10.846 min): BP005024.D\data.ms (-1239) (-)

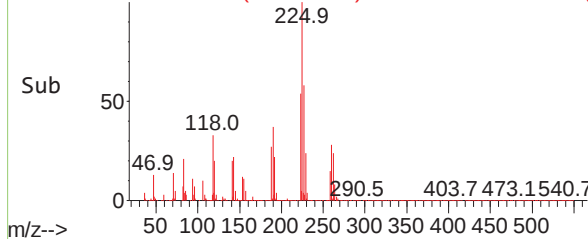


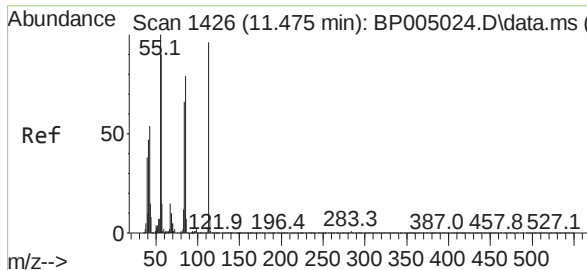
Hexachlorobutadiene
Concen: 7.28 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	225	Resp:	11306
Ion	Ratio	Lower	Upper
225	100		
223	54.0	50.1	75.1
227	58.3	51.4	77.2



Abundance Scan 1318 (10.840 min): BP005058.D\data.ms (-1267) (-)

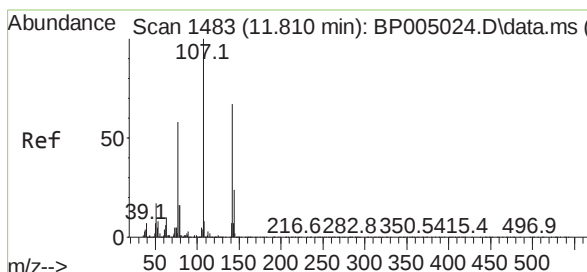
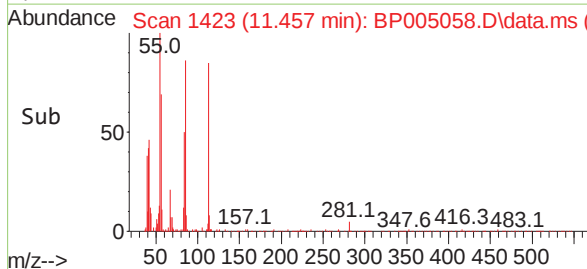
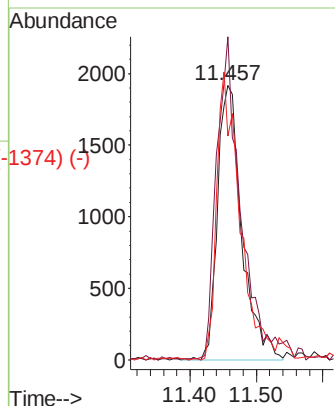
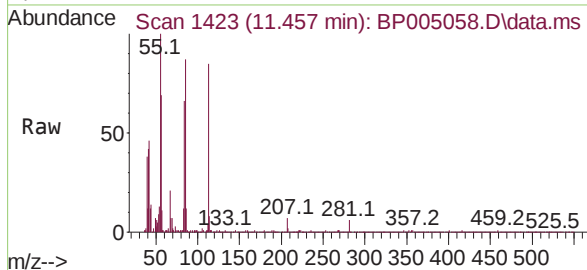




#35 (-)
Caprolactam
Concen: 6.85 ng
RT: 11.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

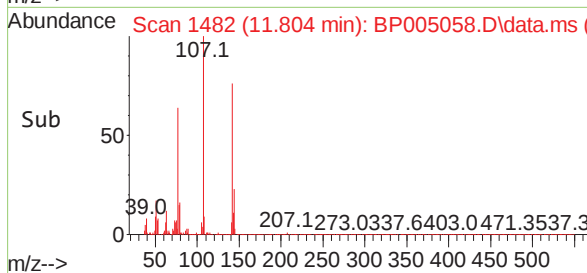
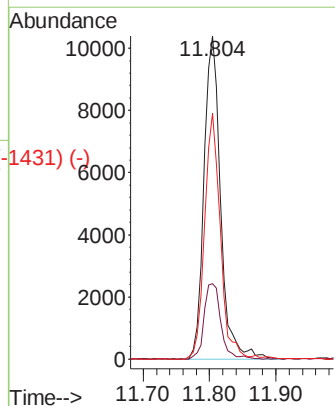
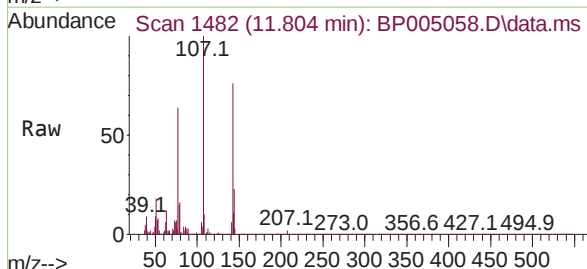
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:113 Resp: 4827
Ion Ratio Lower Upper
113 100
55 117.7 77.3 117.3#
56 81.5 55.9 95.9



#36 (-)
4-Chloro-3-methylphenol
Concen: 7.04 ng
RT: 11.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:107 Resp: 18269
Ion Ratio Lower Upper
107 100
144 23.4 22.7 34.1
142 76.0 70.7 106.1



Abundance Scan 1546 (12.181 min): BP005024.D\data.ms (-1537) (-)

2-Methylnaphthalene

Concen: 7.52 ng

RT: 12.175 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BP005058.D

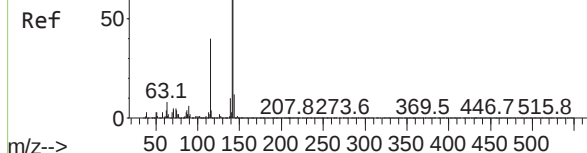
Acq: 26 Mar 2021 12:31

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2021



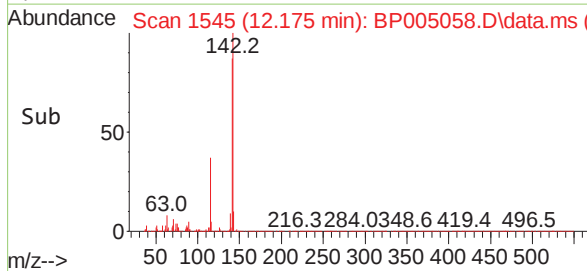
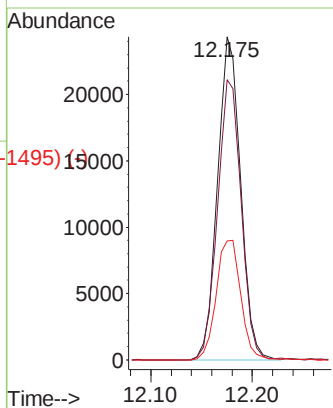
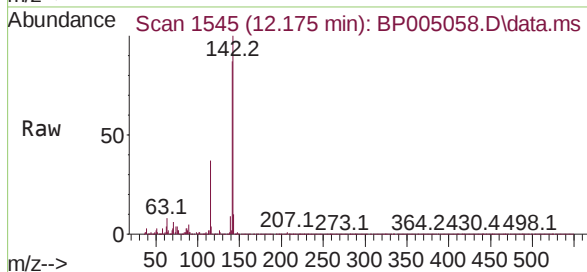
Tgt Ion:142 Resp: 38432

Ion Ratio Lower Upper

142 100

141 86.7 71.4 107.2

115 36.9 25.8 38.6



Abundance Scan 1583 (12.398 min): BP005024.D\data.ms (-1537) (-)

1-Methylnaphthalene

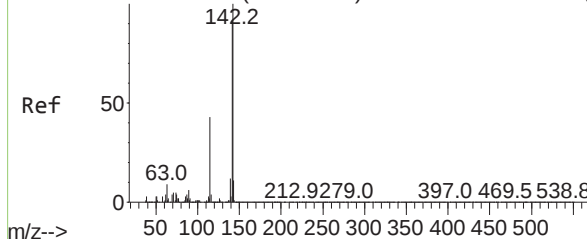
Concen: 7.48 ng

RT: 12.399 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BP005058.D

Acq: 26 Mar 2021 12:31



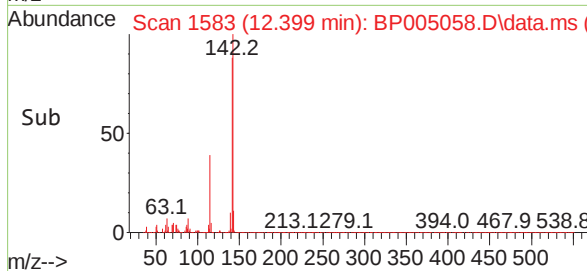
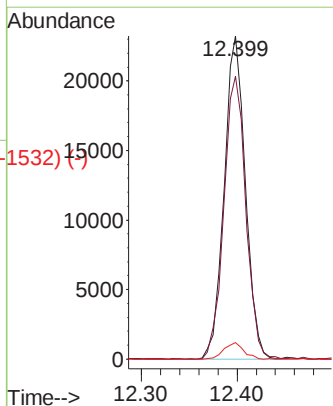
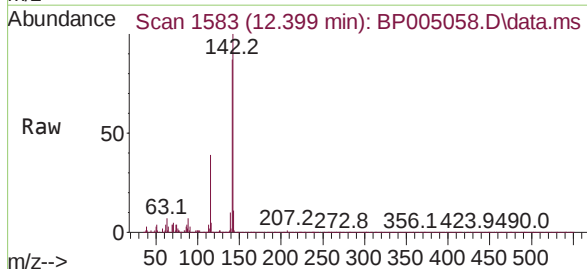
Tgt Ion:142 Resp: 35829

Ion Ratio Lower Upper

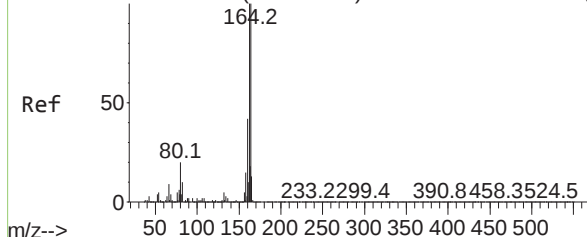
142 100

141 87.5 74.4 111.6

116 5.0 2.9 4.3#



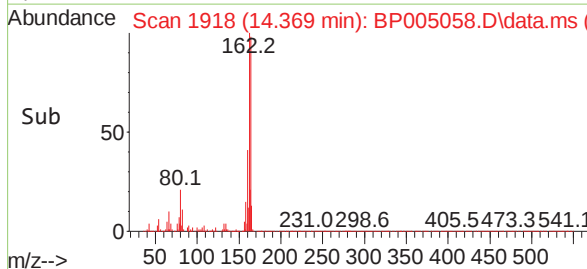
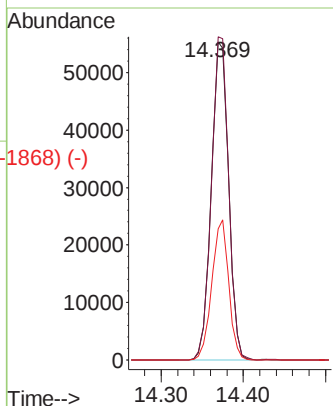
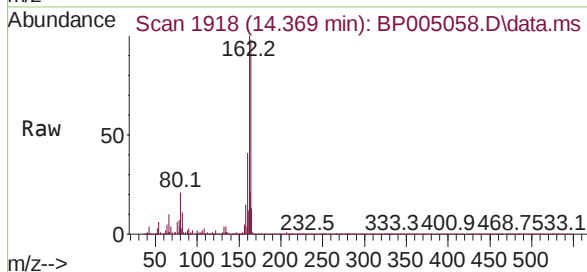
Abundance Scan 1919 (14.375 min): BP005024.D\data.ms (-1868) (-)



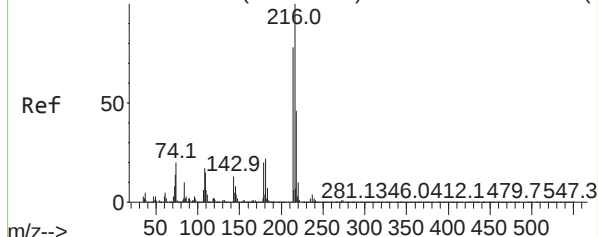
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	164	Resp:	81257
Ion Ratio	Lower	Upper	
164	100		
162	101.6	79.4	119.2
160	41.3	36.1	54.1

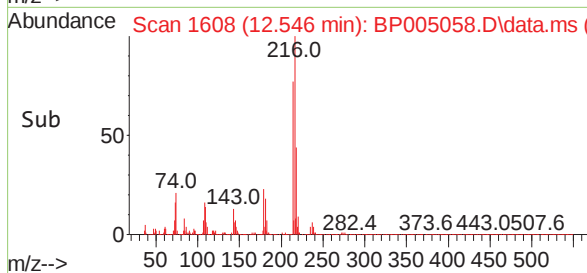
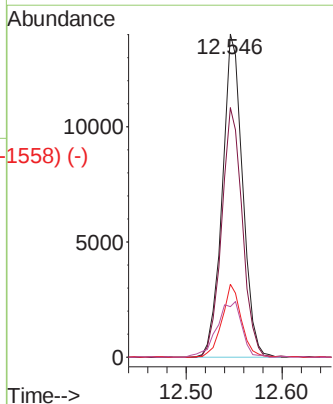
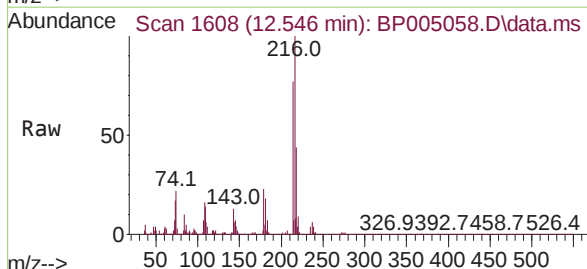


Abundance Scan 1609 (12.551 min): BP005024.D\data.ms (-1609) (-)

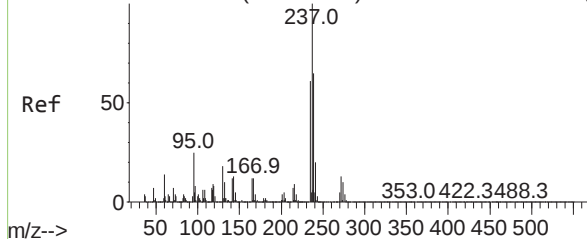


1,2,4,5-Tetrachlorobenzene
Concen: 7.83 ng
RT: 12.546 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	216	Resp:	20712
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	21.6	16.9	25.3
108	21.1	12.6	19.0#



Abundance Scan 1605 (12.528 min): BP005024.D\data.ms (-1554) (-)

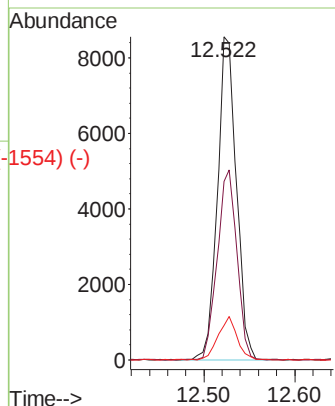
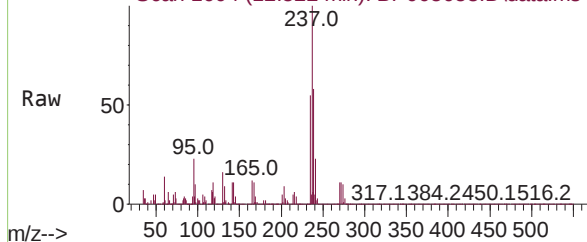


Hexachlorocyclopentadiene
Concen: 8.64 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

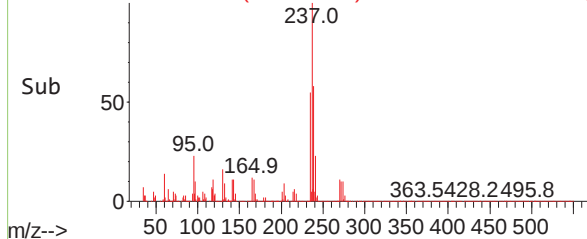
Tgt Ion:	237	Resp:	12440
Ion	Ratio	Lower	Upper
237	100		
235	55.2	43.2	83.2
272	10.6	0.0	33.3

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

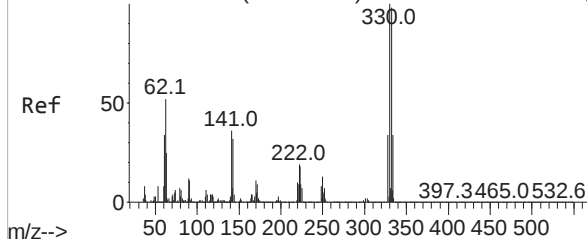
Abundance Scan 1604 (12.522 min): BP005058.D\data.ms



Abundance Scan 1604 (12.522 min): BP005058.D\data.ms (-1554) (-)



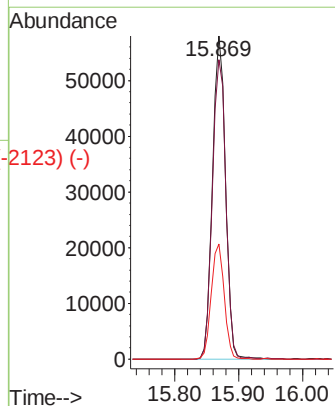
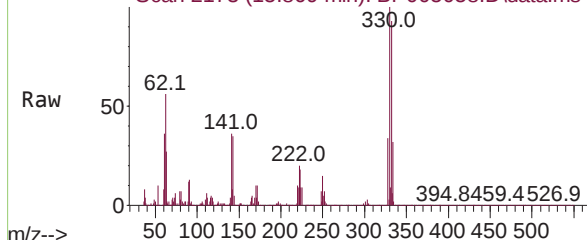
Abundance Scan 2174 (15.875 min): BP005024.D\data.ms (-2123) (-)



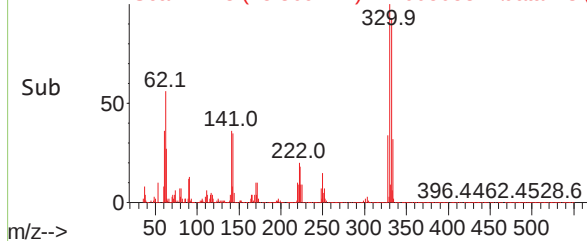
2,4,6-Tribromophenol
Concen: 76.36 ng
RT: 15.869 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP005058.D
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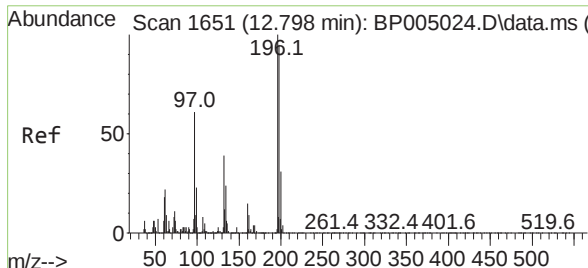
Tgt Ion:	330	Resp:	80846
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	35.8	23.4	35.2#

Abundance Scan 2173 (15.869 min): BP005058.D\data.ms



Abundance Scan 2173 (15.869 min): BP005058.D\data.ms (-2123) (-)

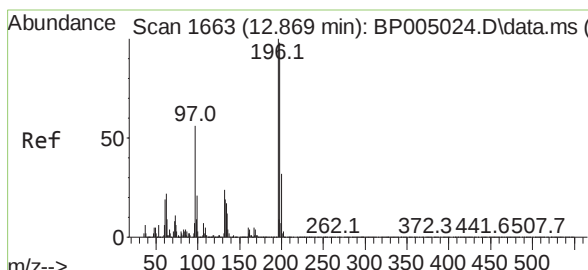
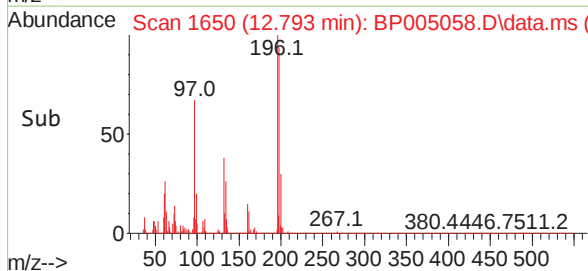
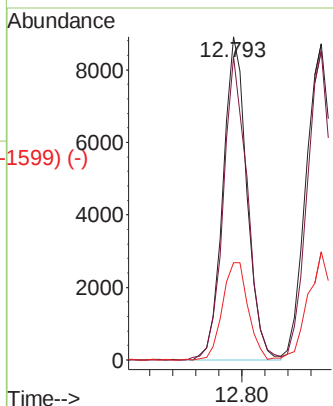
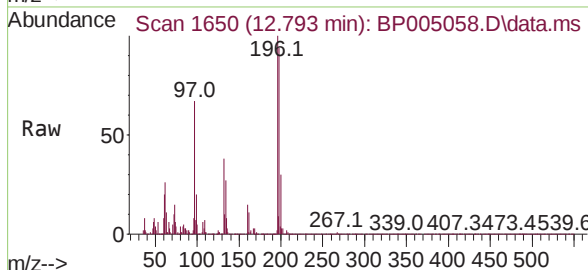




Scan 1651 (12.798 min): BP005024.D\data.ms (-1643) (-)
 2,4,6-Trichlorophenol
 Concen: 7.04 ng
 RT: 12.793 min Scan# 1650
 Delta R.T. -0.000 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

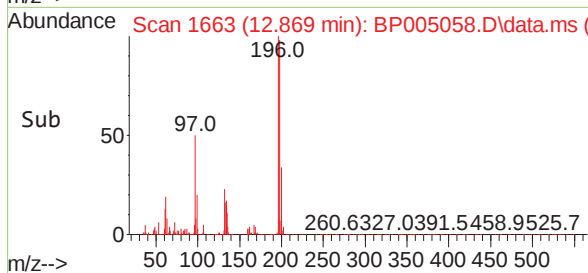
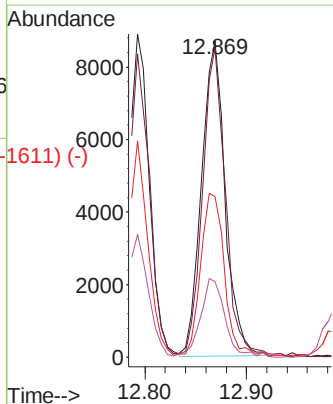
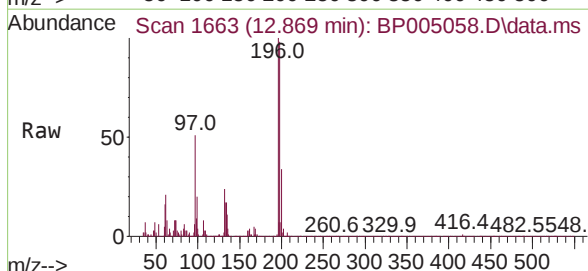
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Tgt Ion:	196	Resp:	12867
Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.0	115.6
200	30.2	25.1	37.7

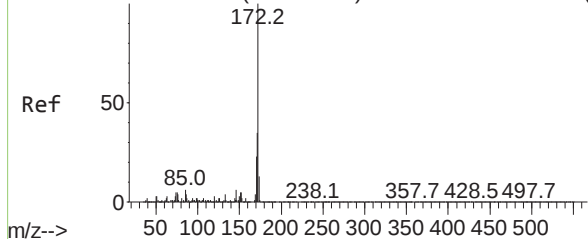


Scan 1663 (12.869 min): BP005024.D\data.ms (-1657) (-)
 2,4,5-Trichlorophenol
 Concen: 7.06 ng
 RT: 12.869 min Scan# 1663
 Delta R.T. 0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	196	Resp:	13977
Ion	Ratio	Lower	Upper
196	100		
198	97.9	77.3	115.9
97	50.9	31.0	46.4#
132	23.9	20.9	31.3



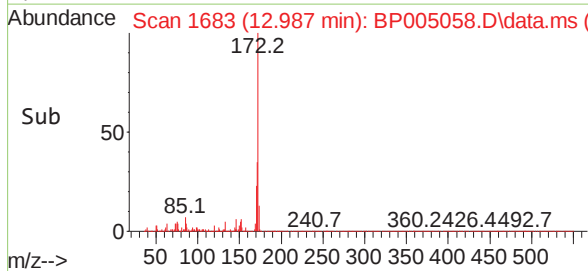
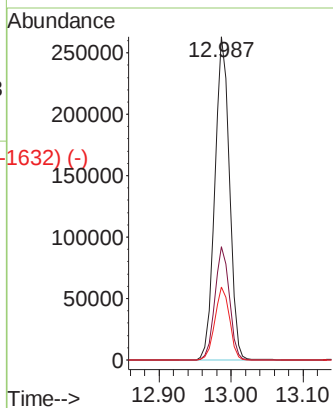
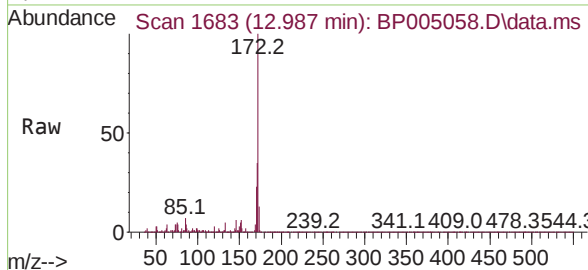
Abundance Scan 1684 (12.993 min): BP005024.D\data.ms (-1675) (-)



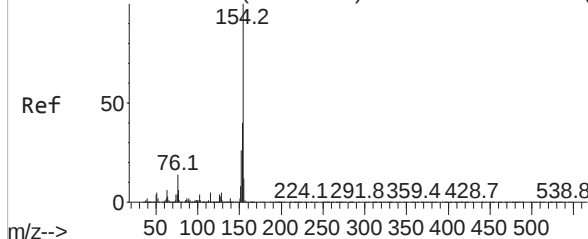
2-Fluorobiphenyl
Concen: 61.72 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	172	Resp:	370753
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.6	19.2	28.8

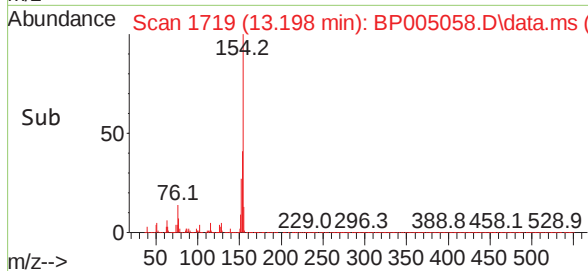
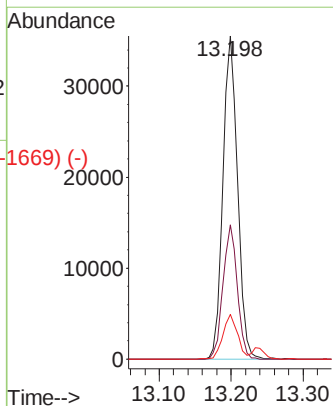
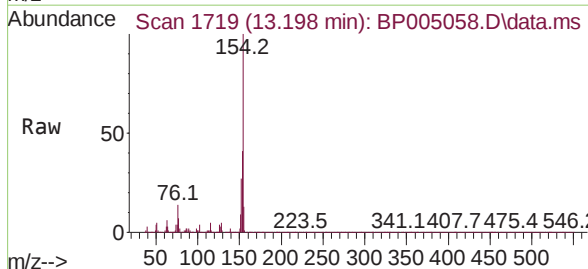


Abundance Scan 1720 (13.204 min): BP005024.D\data.ms (-1705) (-)

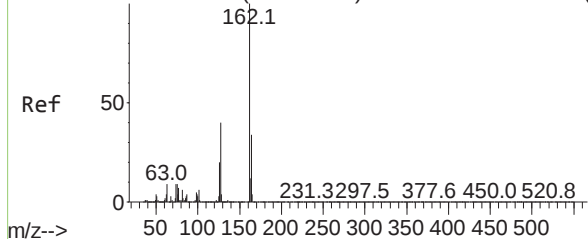


1,1'-Biphenyl
Concen: 8.09 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	154	Resp:	50127
Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.4	60.4
76	13.8	0.0	29.3



Abundance Scan 1727 (13.245 min): BP005024.D\data.ms (-1710) (-)

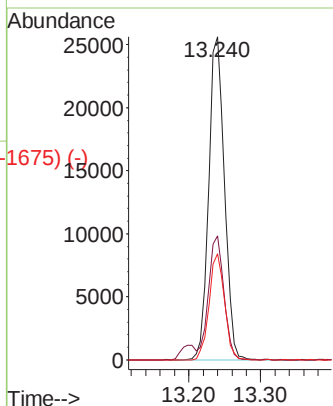
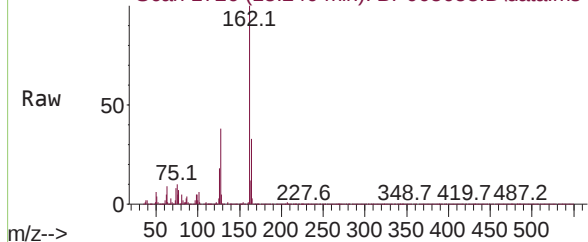


2-Chloronaphthalene
Concen: 7.75 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

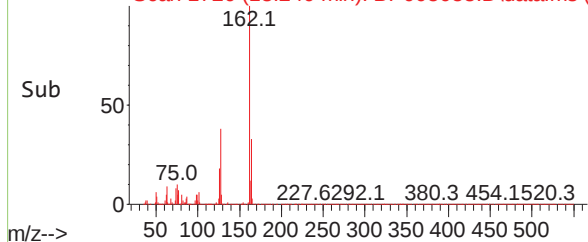
Tgt Ion:	162	Resp:	39122
Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.9	44.9
164	32.8	26.1	39.1

Instrument :
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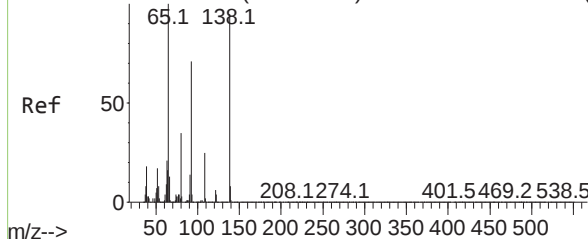
Abundance Scan 1726 (13.240 min): BP005058.D\data.ms



Abundance Scan 1726 (13.240 min): BP005058.D\data.ms (-1675) (-)



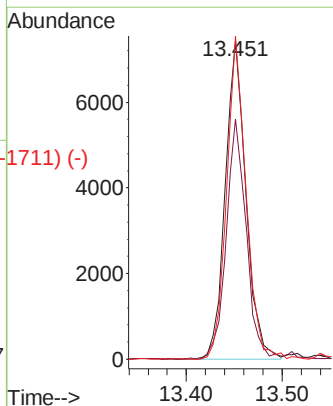
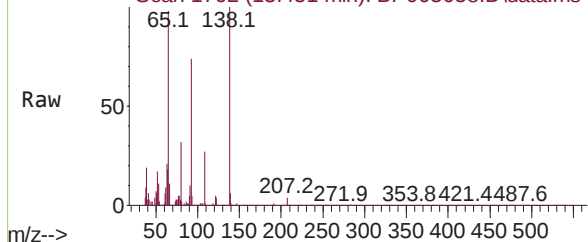
Abundance Scan 1763 (13.457 min): BP005024.D\data.ms (-1744) (-)



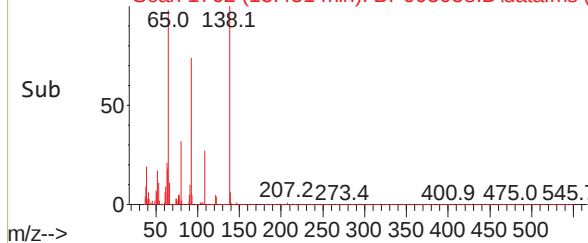
2-Nitroaniline
Concen: 6.95 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

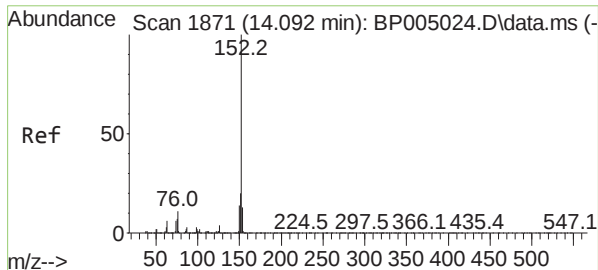
Tgt Ion:	65	Resp:	11166
Ion	Ratio	Lower	Upper
65	100		
92	75.3	70.6	106.0
138	101.5	133.6	200.4#

Abundance Scan 1762 (13.451 min): BP005058.D\data.ms



Abundance Scan 1762 (13.451 min): BP005058.D\data.ms (-1711) (-)

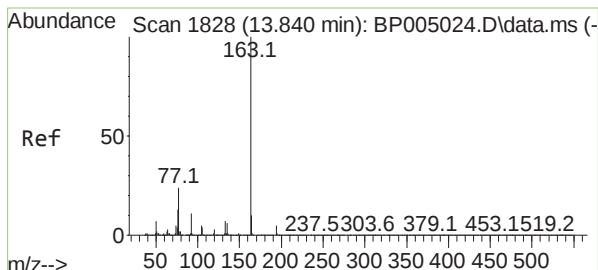
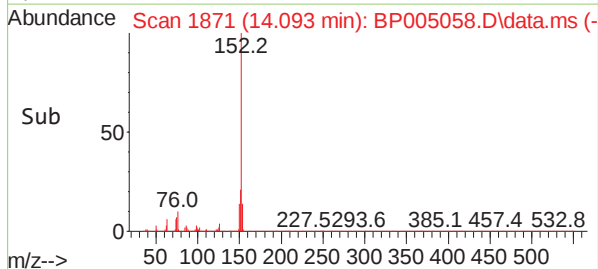
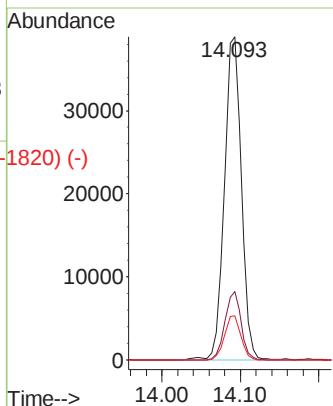
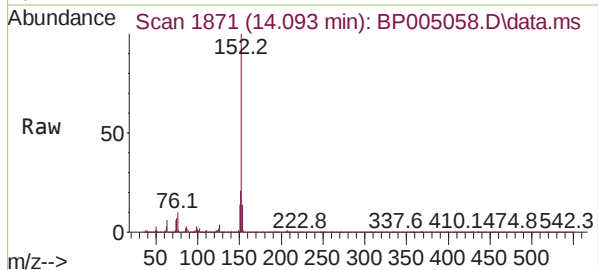




Acenaphthylene
Concen: 7.45 ng
RT: 14.093 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

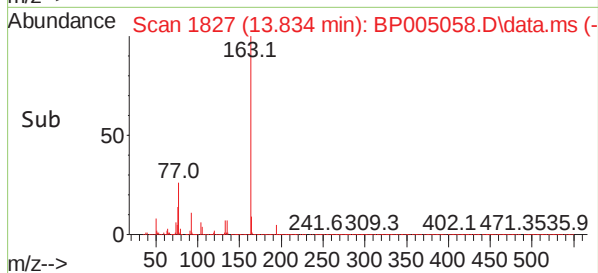
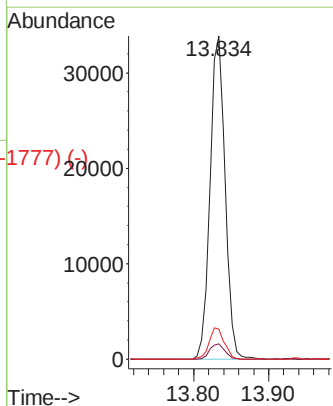
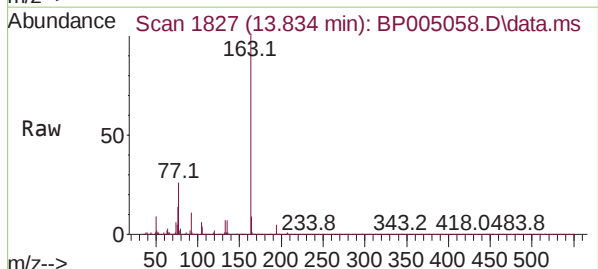
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	152	Resp:	58447
Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.9	23.9
153	13.6	10.5	15.7

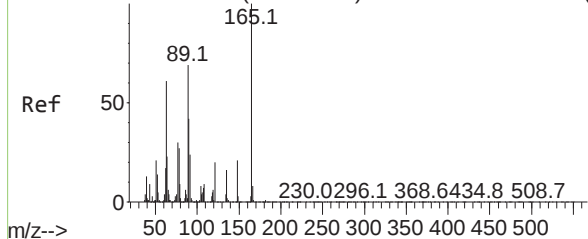


Dimethylphthalate
Concen: 7.61 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	163	Resp:	47655
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	9.3	8.2	12.2



Abundance Scan 1848 (13.957 min): BP005024.D\data.ms (-1750) (-)

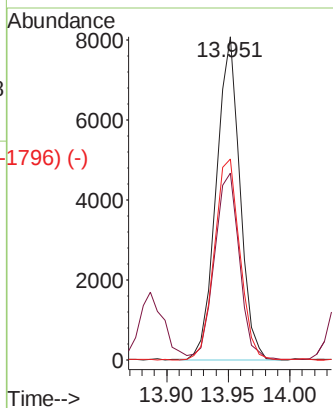
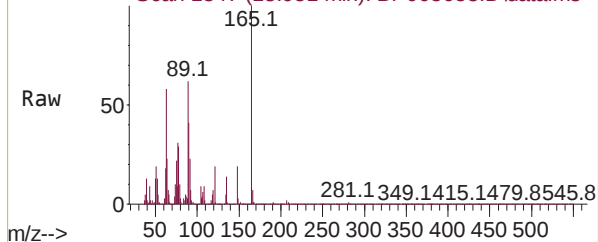


2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 13.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

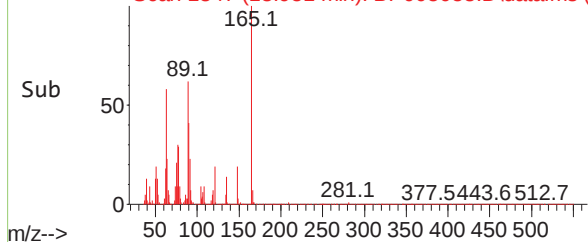
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	165	Resp:	10800
Ion	Ratio	Lower	Upper
165	100		
63	57.9	27.8	41.6#
89	62.2	34.6	52.0#

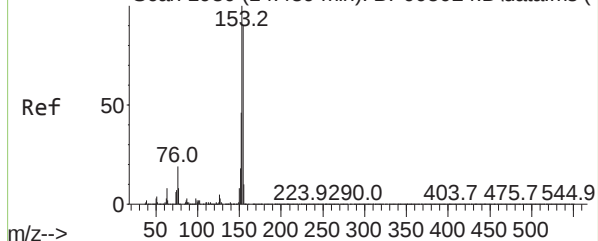
Abundance Scan 1847 (13.951 min): BP005058.D\data.ms



Abundance Scan 1847 (13.951 min): BP005058.D\data.ms (-1796) (-)



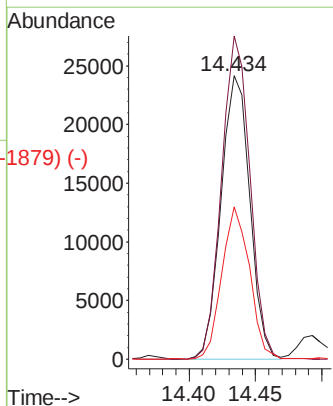
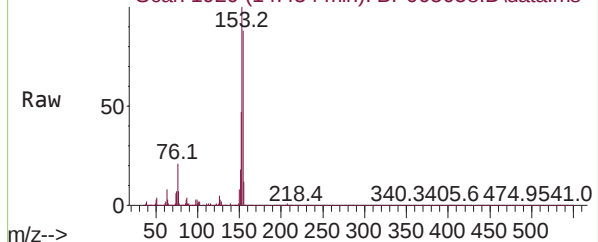
Abundance Scan 1930 (14.439 min): BP005024.D\data.ms (-1750) (-)



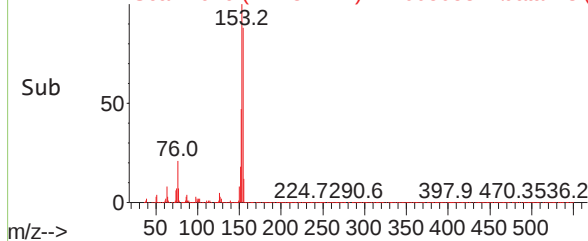
Acenaphthene
Concen: 7.55 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	154	Resp:	36456
Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.0	136.6
152	53.6	43.0	64.6

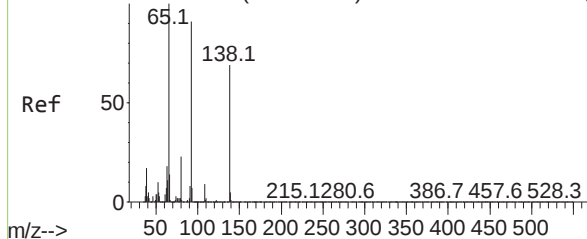
Abundance Scan 1929 (14.434 min): BP005058.D\data.ms



Abundance Scan 1929 (14.434 min): BP005058.D\data.ms (-1879) (-)



Abundance Scan 1904 (14.287 min): BP005024.D\data.ms (-1853) (-)

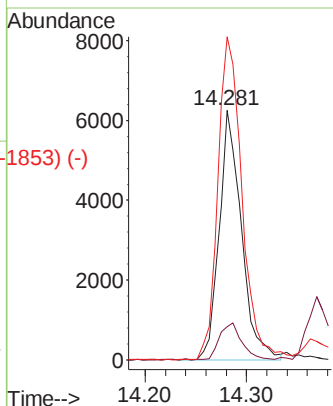
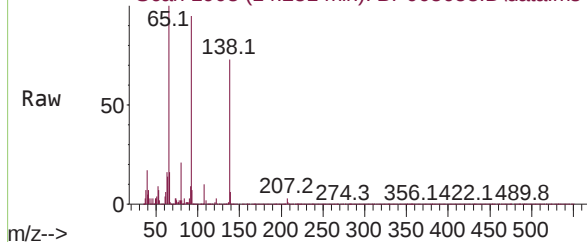


3-Nitroaniline
Concen: 7.02 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

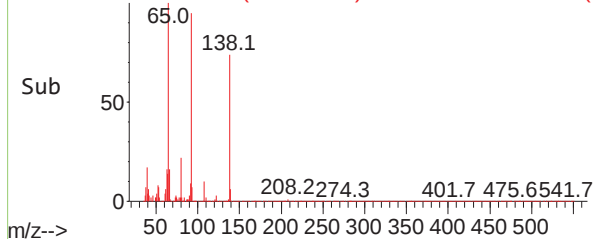
Tgt Ion:138 Resp: 9524
Ion Ratio Lower Upper
138 100
108 13.3 7.5 11.3#
92 129.4 75.0 112.6#

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

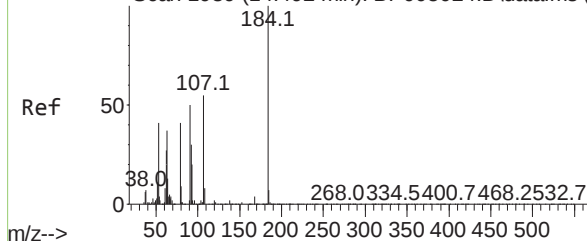
Abundance Scan 1903 (14.281 min): BP005058.D\data.ms



Abundance Scan 1903 (14.281 min): BP005058.D\data.ms (-1853) (-)



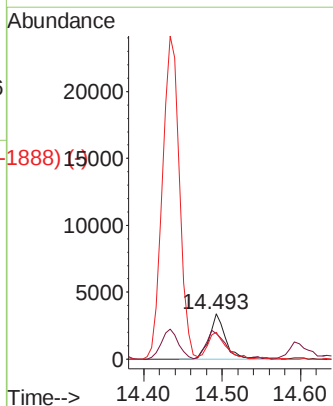
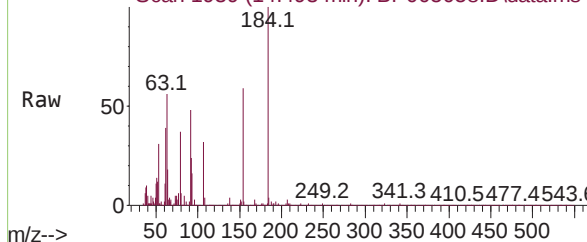
Abundance Scan 1939 (14.492 min): BP005024.D\data.ms (-1851) (-)



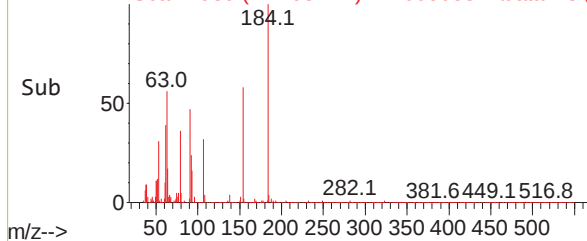
2,4-Dinitrophenol
Concen: 5.50 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:184 Resp: 4913
Ion Ratio Lower Upper
184 100
63 56.0 32.3 48.5#
154 58.5 49.1 73.7

Abundance Scan 1939 (14.493 min): BP005058.D\data.ms



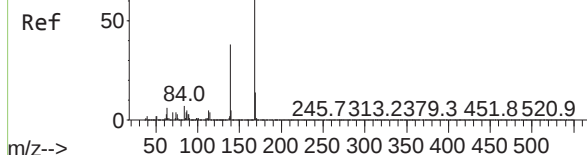
Abundance Scan 1939 (14.493 min): BP005058.D\data.ms (-1888) (-)



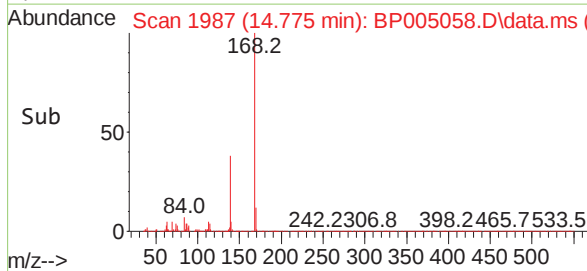
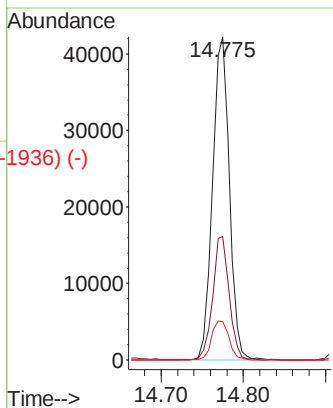
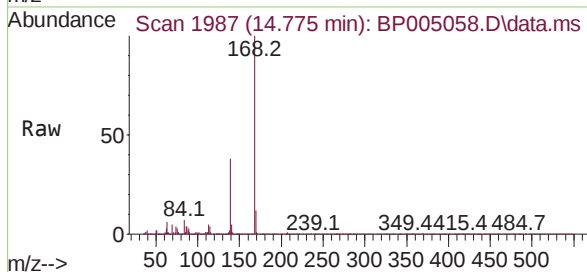
Abundance Scan 1987 (14.775 min): BP005024.D\data.ms (-1955) (-)

Dibenzofuran
Concen: 7.59 ng
RT: 14.775 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP005058.D
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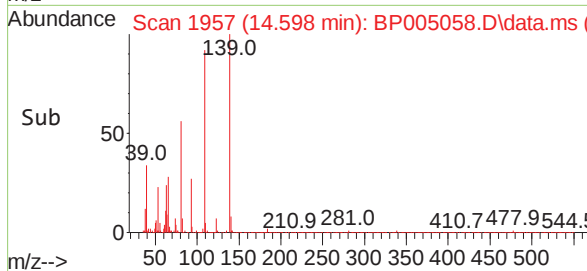
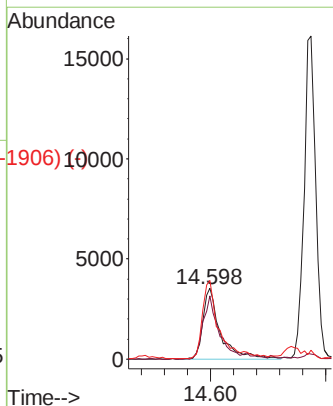
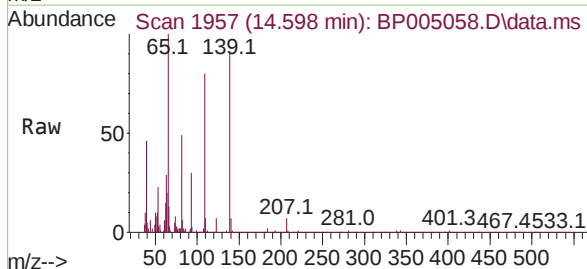
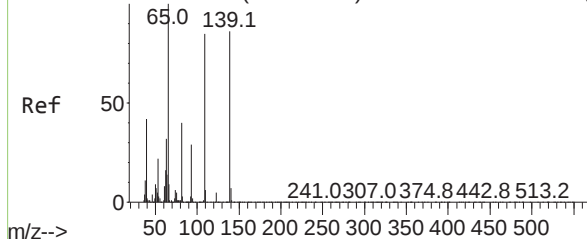
Tgt Ion:	168	Resp:	60056
Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.1	43.7
169	11.9	10.4	15.6



Abundance Scan 1957 (14.598 min): BP005024.D\data.ms (-1956) (-)

4-Nitrophenol
Concen: 6.63 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

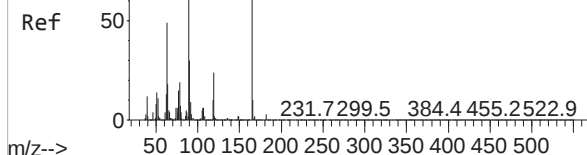
Tgt Ion:	139	Resp:	7387
Ion	Ratio	Lower	Upper
139	100		
109	89.2	44.6	84.6#
65	111.5	41.6	81.6#



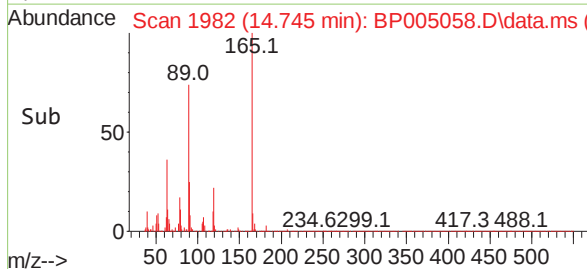
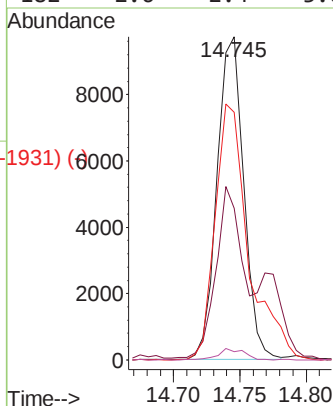
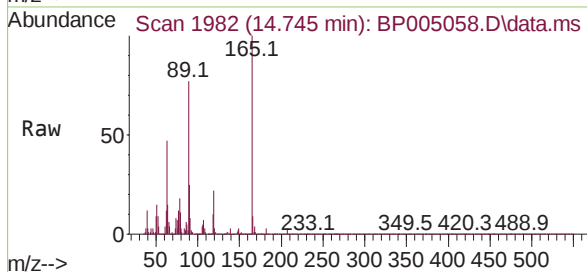
Abundance Scan 1982 (14.745 min): BP005024.D\data.ms (-1952) (-)

2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



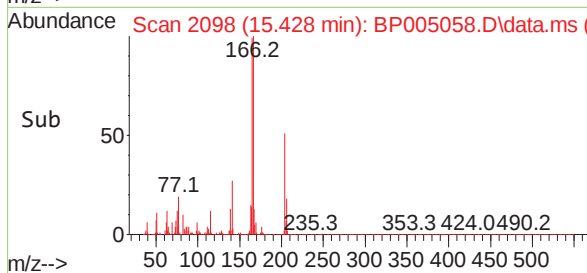
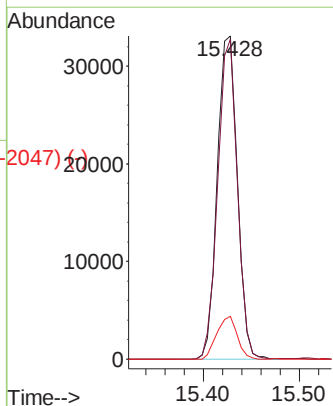
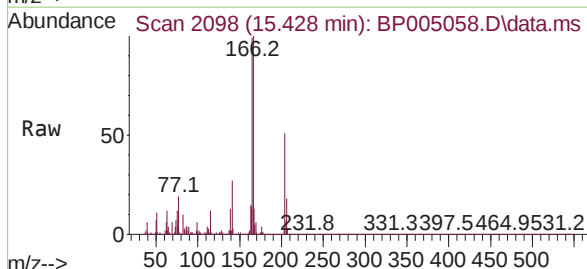
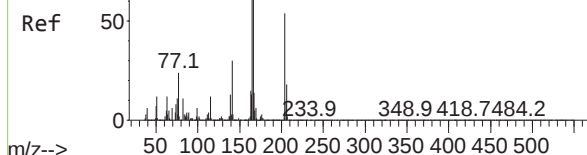
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.9	20.6	31.0#
89	76.5	42.6	63.8#
182	2.6	2.4	3.6



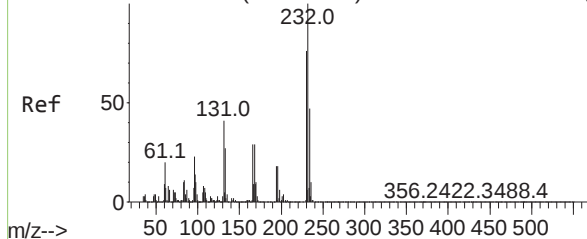
Abundance Scan 2098 (15.428 min): BP005024.D\data.ms (-2058) (-)

Fluorene
Concen: 7.57 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	13.3	11.0	16.4



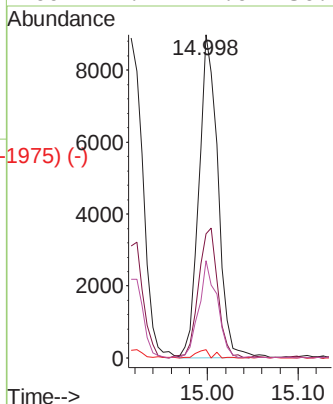
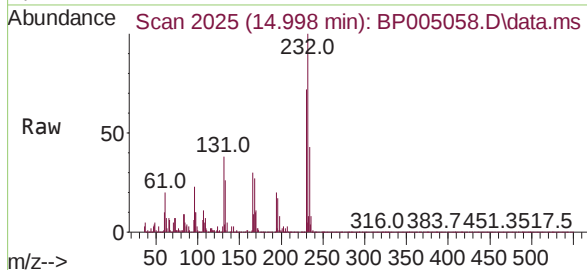
Abundance Scan 2026 (15.004 min): BP005024.D\data.ms (-2015) (-)



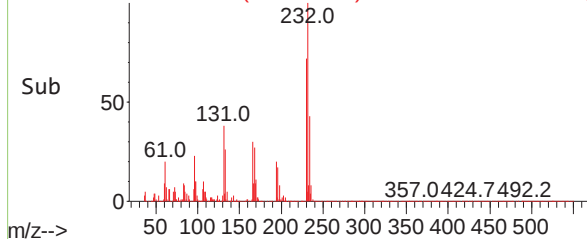
2,3,4,6-Tetrachlorophenol
Concen: 7.16 ng
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

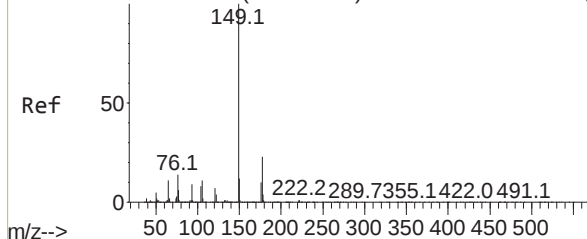
Tgt Ion:	232	Resp:	13083
Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.1	51.1
130	2.1	1.8	2.8
166	29.2	24.6	36.8



Abundance Scan 2025 (14.998 min): BP005058.D\data.ms (-1975) (-)

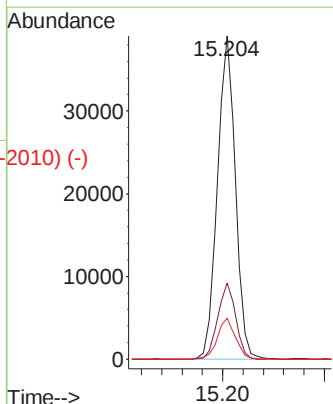
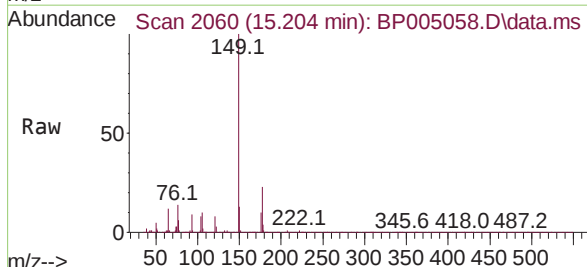


Abundance Scan 2061 (15.210 min): BP005024.D\data.ms (-2050) (-)

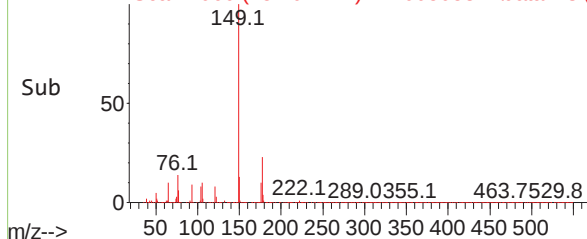


Diethylphthalate
Concen: 7.82 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

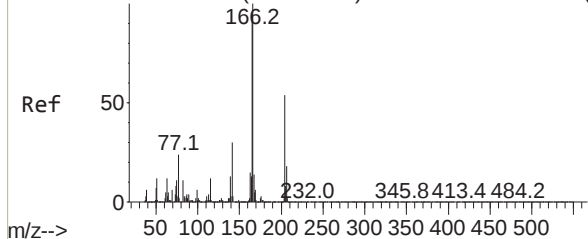
Tgt Ion:	149	Resp:	47874
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.0	27.0
150	12.6	10.0	15.0



Abundance Scan 2060 (15.204 min): BP005058.D\data.ms (-2010) (-)



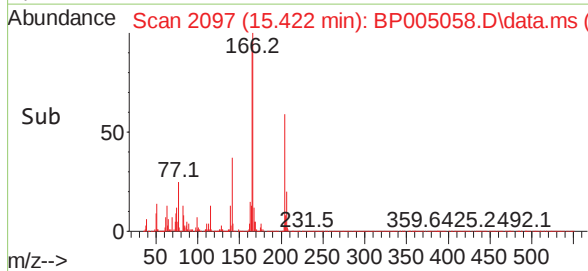
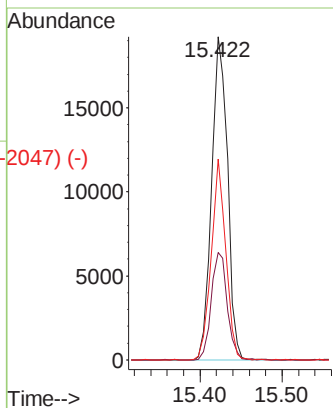
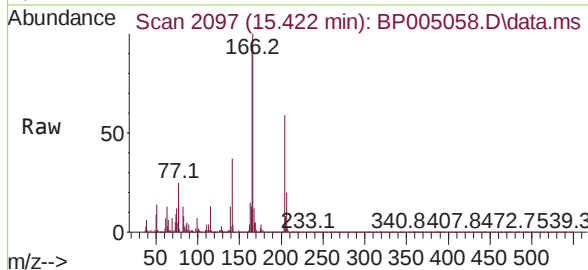
Abundance Scan 2098 (15.428 min): BP005024.D\data.ms (-2069) (-)



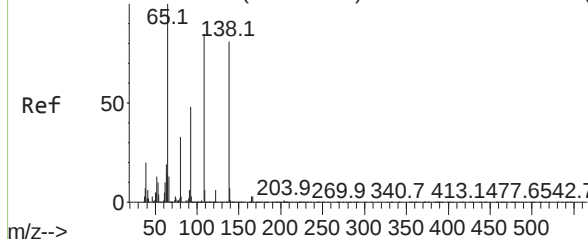
4-Chlorophenyl-phenylether
Concen: 7.62 ng
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	204	Resp:	25855
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.9	38.9
141	62.2	46.5	69.7

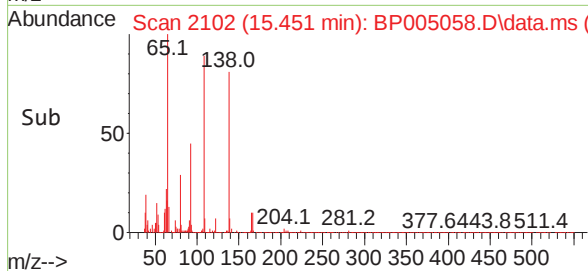
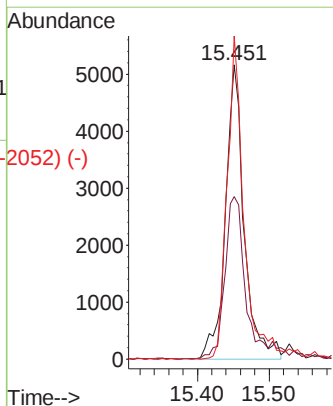
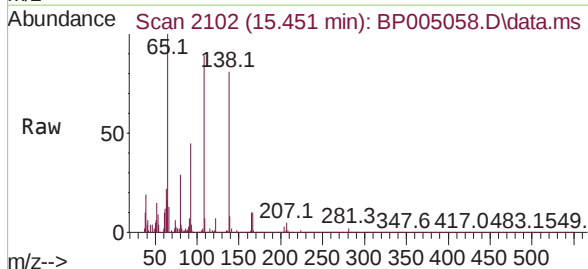


Abundance Scan 2103 (15.457 min): BP005024.D\data.ms (-2052) (-)



4-Nitroaniline
Concen: 6.68 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

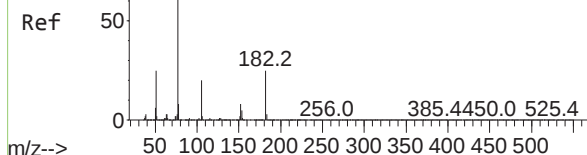
Tgt Ion:	138	Resp:	9319
Ion	Ratio	Lower	Upper
138	100		
92	55.2	20.7	60.7
108	109.7	47.8	87.8#



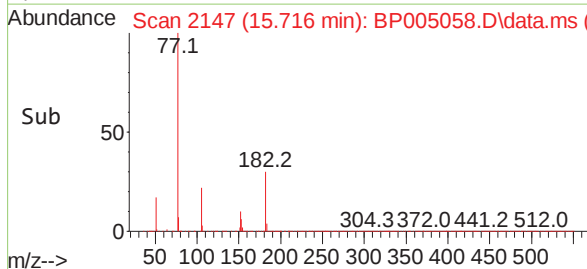
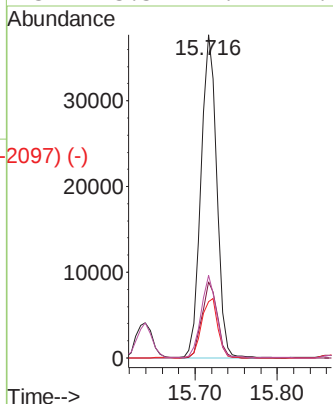
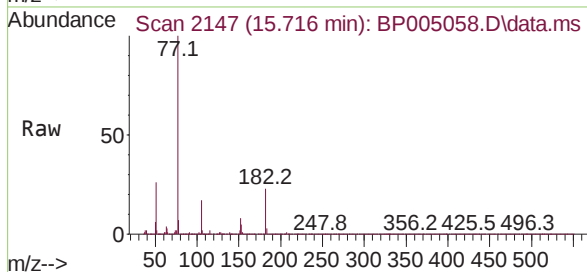
Abundance Scan 2148 (15.722 min): BP005024.D\data.ms (-2361) (-)

Azobenzene
Concen: 7.14 ng
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



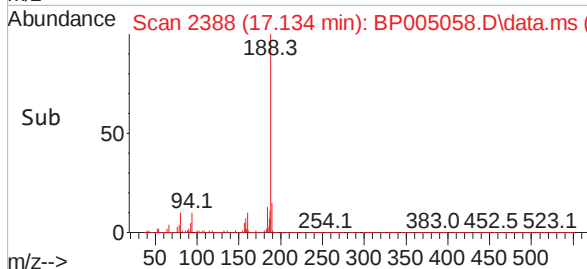
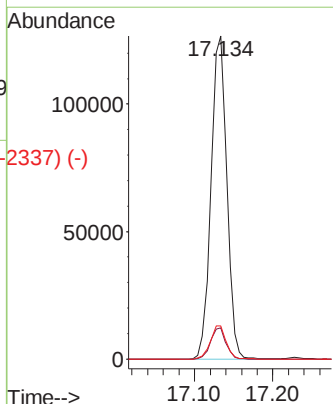
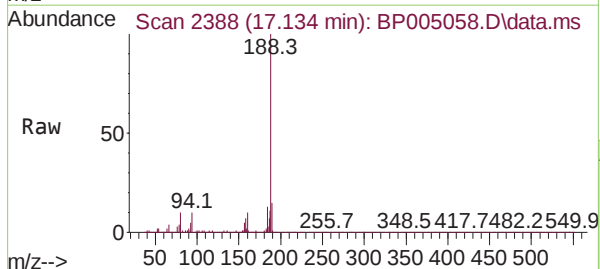
Tgt Ion:	77	Resp:	49970
Ion	Ratio	Lower	Upper
77	100		
182	23.5	16.9	56.9
105	17.3	5.6	45.6
51	25.5	2.9	42.9



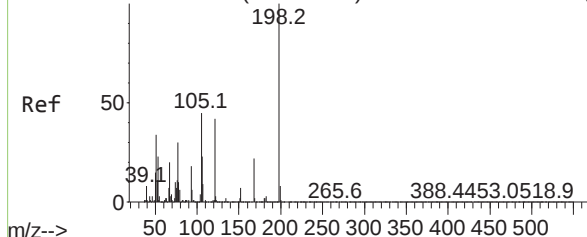
Abundance Scan 2388 (17.133 min): BP005024.D\data.ms (-2361) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	188	Resp:	178373
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.2	9.2#
80	10.3	6.2	9.2#



Abundance Scan 2112 (15.510 min): BP005024.D\data.ms (-2165) (-)

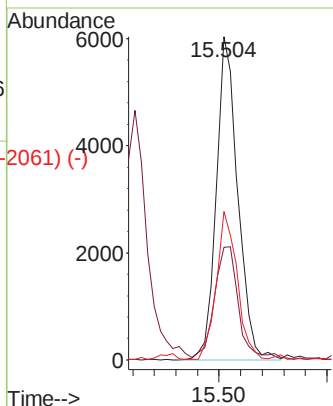
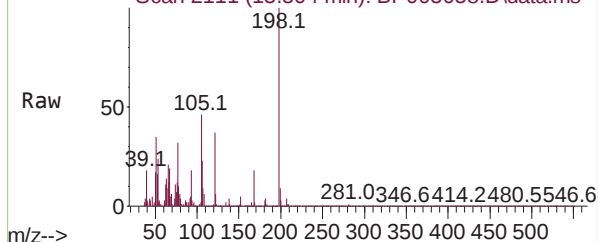


4,6-Dinitro-2-methylphenol
Concen: 6.47 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

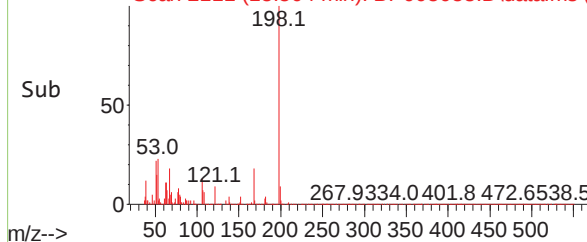
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	198	Resp:	8427
Ion	Ratio	Lower	Upper
198	100		
51	34.8	6.4	46.4
105	45.8	18.9	58.9

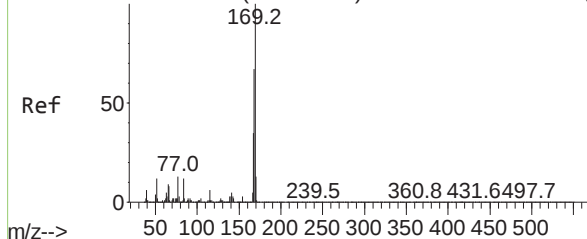
Abundance Scan 2111 (15.504 min): BP005058.D\data.ms



Abundance Scan 2111 (15.504 min): BP005058.D\data.ms (-2061) (-)



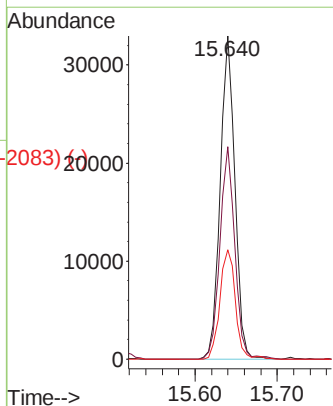
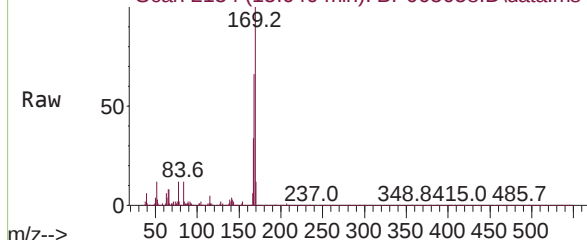
Abundance Scan 2135 (15.645 min): BP005024.D\data.ms (-2165) (-)



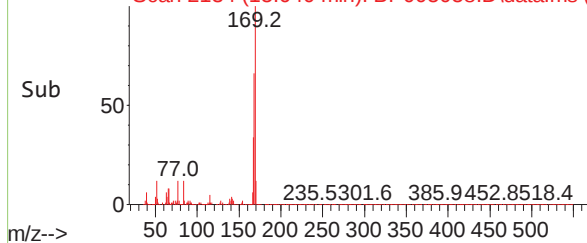
n-Nitrosodiphenylamine
Concen: 7.17 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	169	Resp:	41101
Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.8	80.6
167	33.9	28.9	43.3

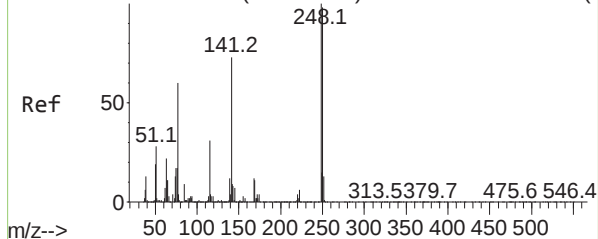
Abundance Scan 2134 (15.640 min): BP005058.D\data.ms



Abundance Scan 2134 (15.640 min): BP005058.D\data.ms (-2083) (-)



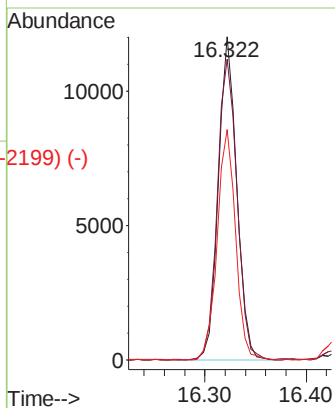
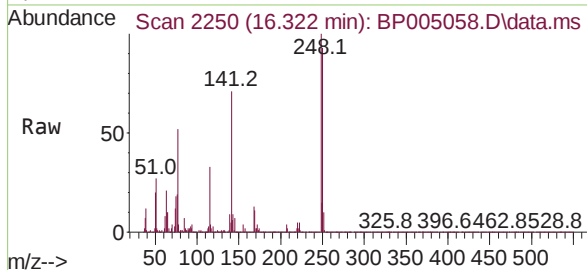
Abundance Scan 2250 (16.322 min): BP005024.D\data.ms (-2160) (-)



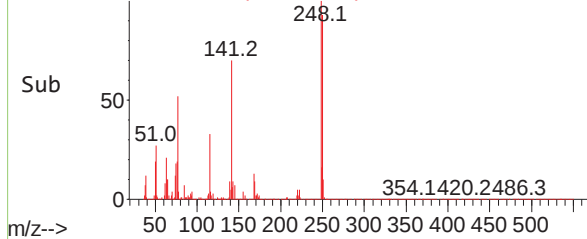
4-Bromophenyl-phenylether
Concen: 7.34 ng
RT: 16.322 min Scan# 2250
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

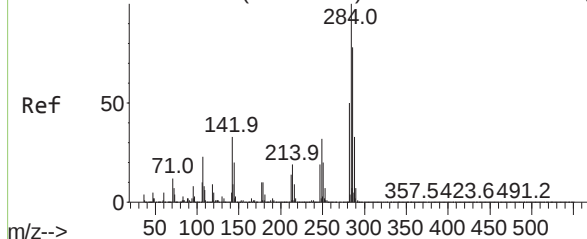
Tgt Ion:	248	Resp:	15176
Ion	Ratio	Lower	Upper
248	100		
250	93.1	76.7	115.1
141	71.3	53.0	79.6



Abundance Scan 2250 (16.322 min): BP005058.D\data.ms (-2199) (-)

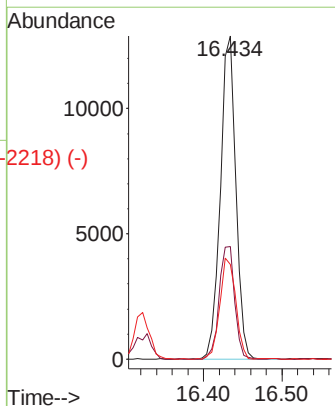
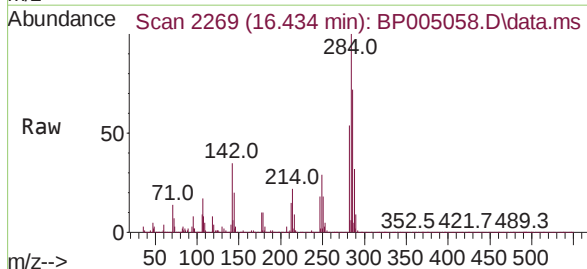


Abundance Scan 2269 (16.433 min): BP005024.D\data.ms (-2160) (-)

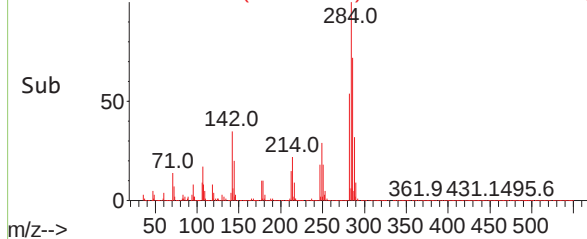


Hexachlorobenzene
Concen: 7.55 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

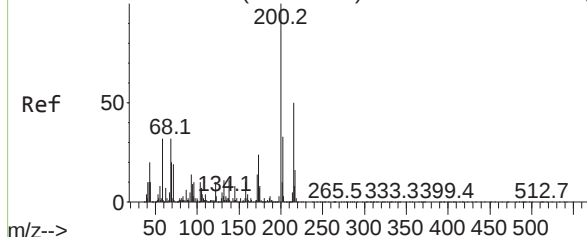
Tgt Ion:	284	Resp:	17536
Ion	Ratio	Lower	Upper
284	100		
142	34.9	24.2	36.4
249	29.4	23.8	35.8



Abundance Scan 2269 (16.434 min): BP005058.D\data.ms (-2218) (-)



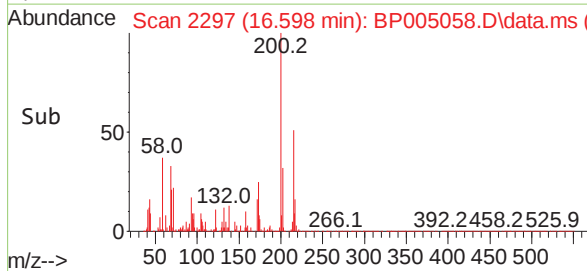
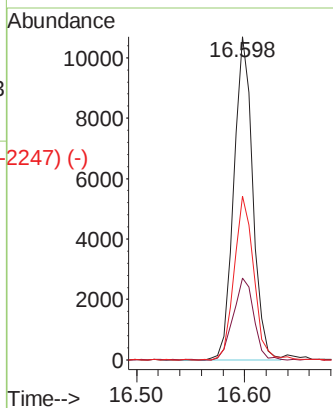
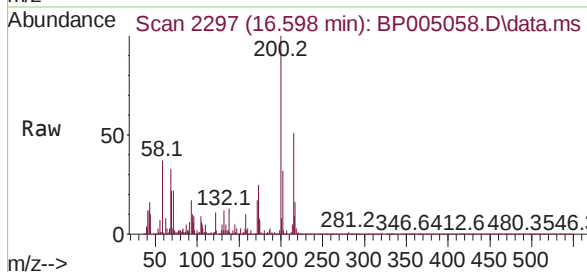
Abundance Scan 2298 (16.604 min): BP005024.D\data.ms (-2298) (-)



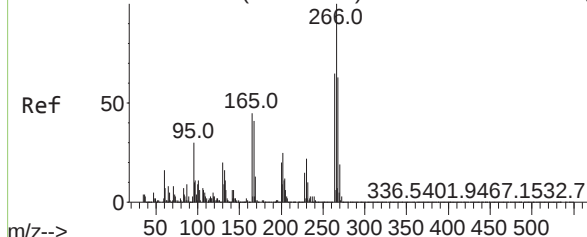
Atrazine
Concen: 6.89 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	200	Resp:	13123
Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.9	45.9
215	50.8	28.4	68.4

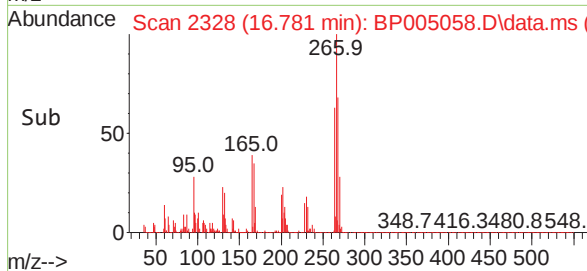
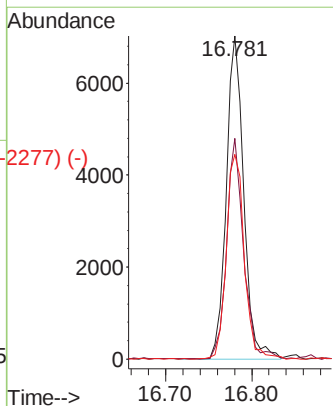
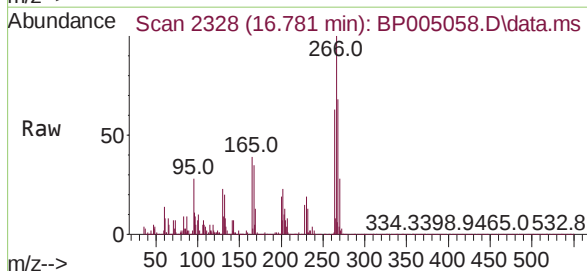


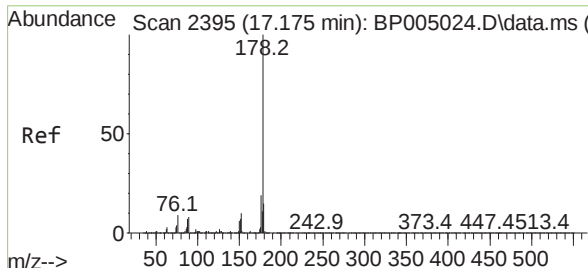
Abundance Scan 2328 (16.781 min): BP005024.D\data.ms (-2328) (-)



Pentachlorophenol
Concen: 6.53 ng
RT: 16.781 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	266	Resp:	10021
Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	63.4	50.6	76.0

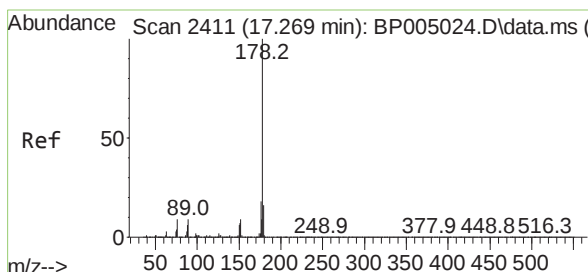
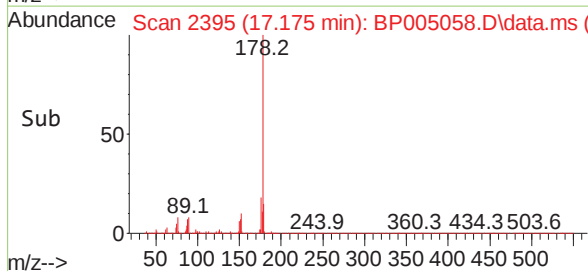
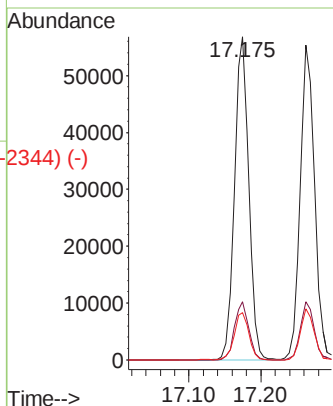
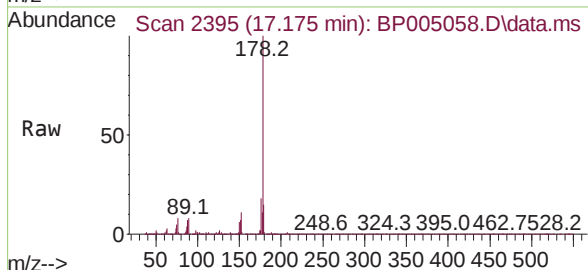




Phenanthrene
 Concen: 7.54 ng
 RT: 17.175 min Scan# 2395
 Delta R.T. -0.000 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

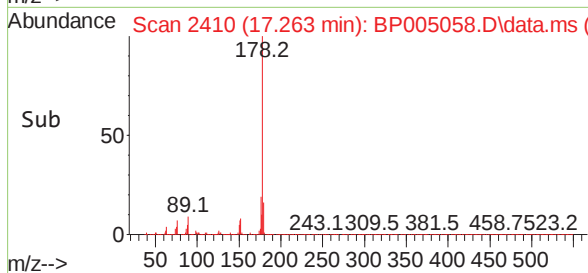
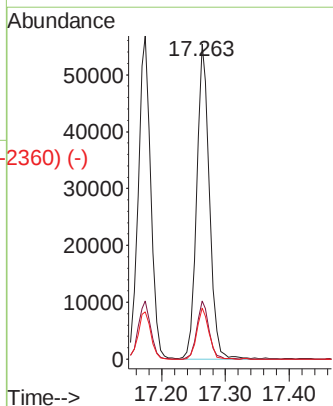
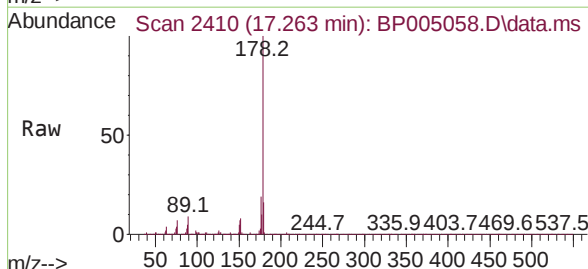
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Tgt Ion:	178	Resp:	77984
Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.3	22.9
179	14.7	12.5	18.7

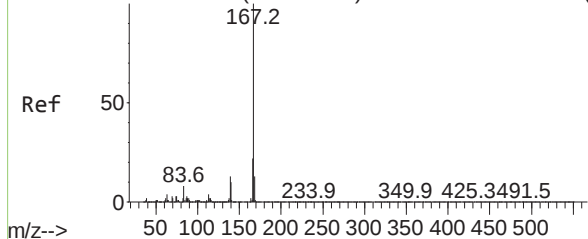


Anthracene
 Concen: 7.66 ng
 RT: 17.263 min Scan# 2410
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	178	Resp:	77386
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	16.2	12.5	18.7



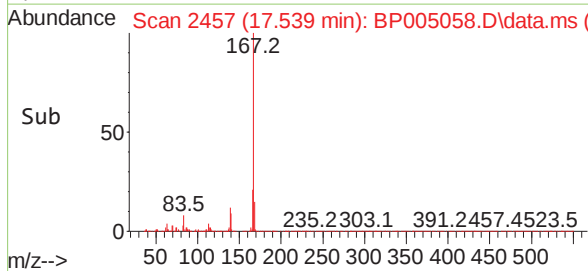
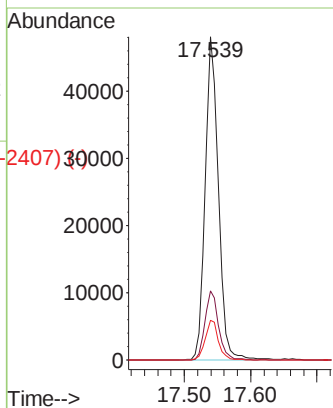
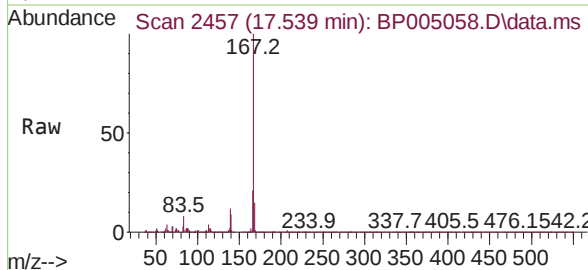
Abundance Scan 2458 (17.545 min): BP005024.D\data.ms (-2478) (-)



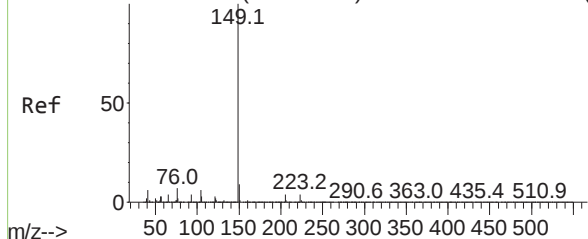
Carbazole
Concen: 7.11 ng
RT: 17.539 min Scan# 2457
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	167	Resp:	67478
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	12.3	10.2	15.4

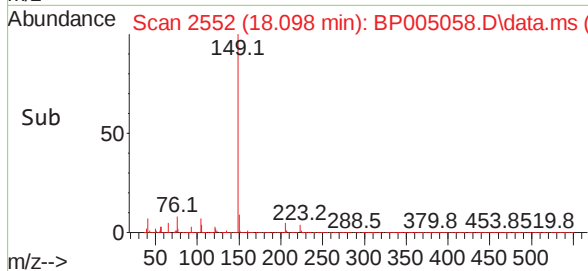
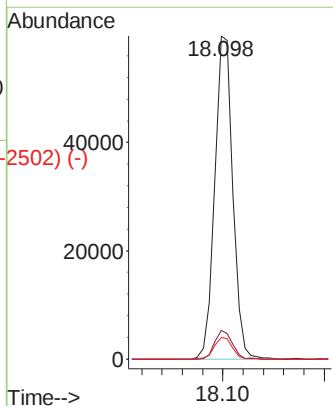
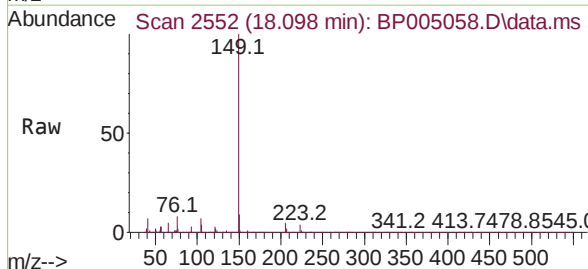


Abundance Scan 2552 (18.098 min): BP005024.D\data.ms (-2573) (-)

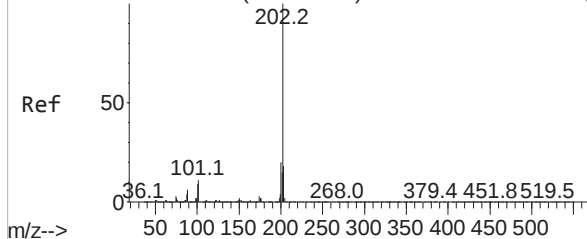


Di-n-butylphthalate
Concen: 7.03 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	149	Resp:	73422
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	6.8	3.4	5.0#



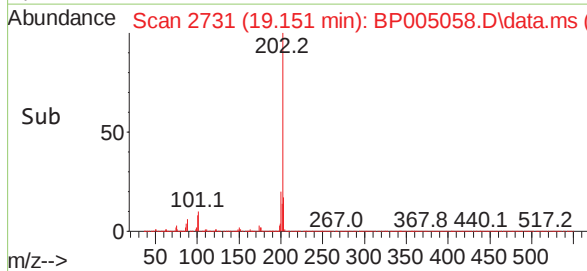
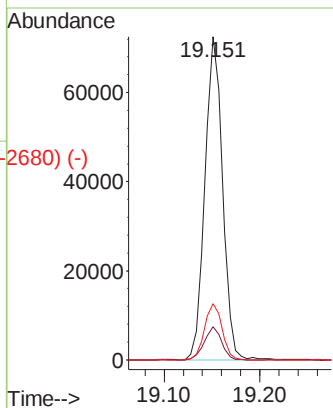
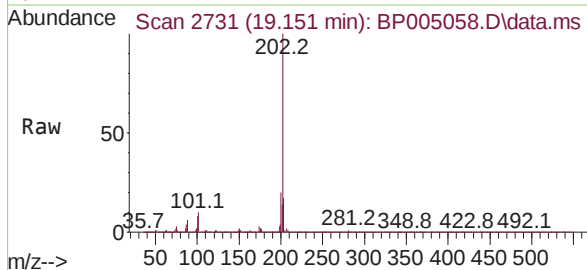
Abundance Scan 2731 (19.151 min): BP005024.D\data.ms (-275) (-)



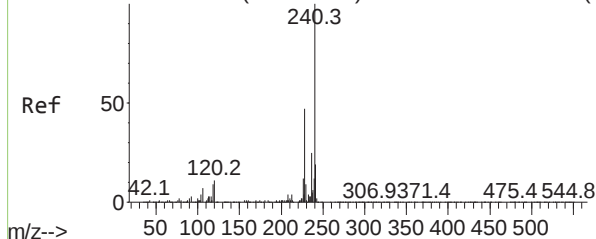
Fluoranthene
Concen: 7.52 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	202	Resp:	91504
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	17.3	0.0	37.8

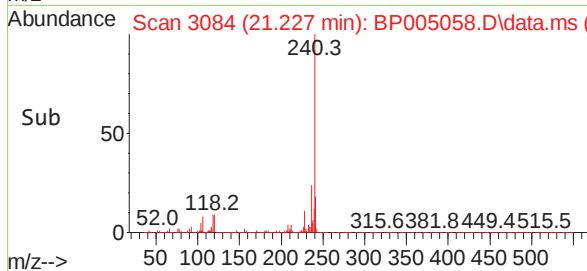
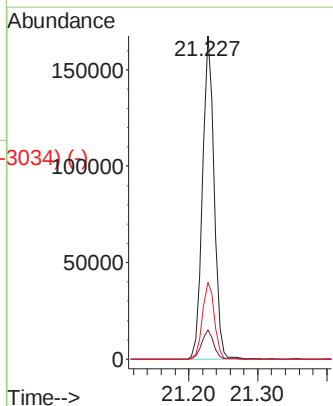
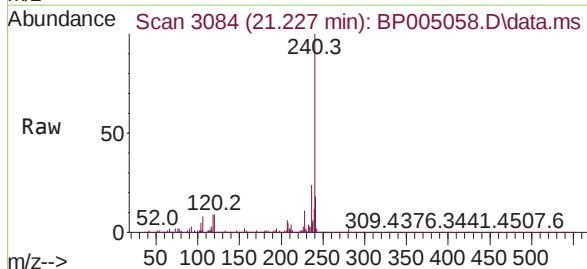


Abundance Scan 3084 (21.227 min): BP005024.D\data.ms (-3075) (-)

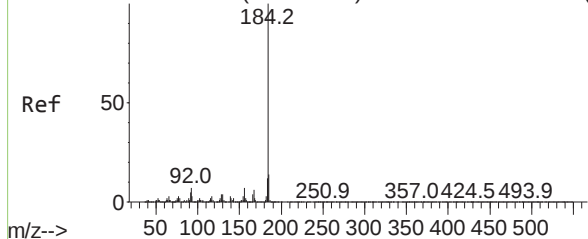


Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	240	Resp:	195634
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	23.8	20.8	31.2



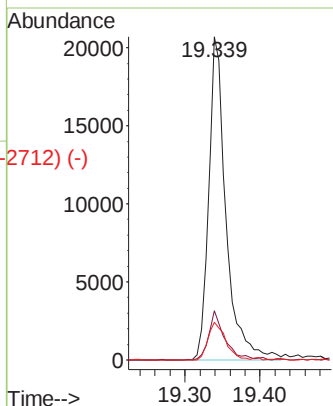
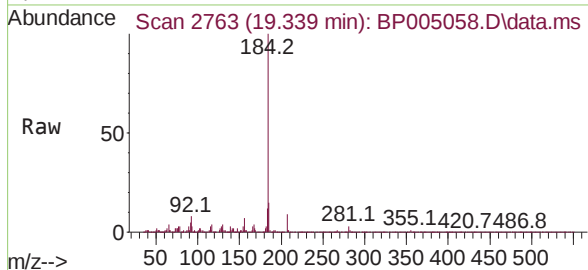
Abundance Scan 2763 (19.339 min): BP005024.D\data.ms (-2712) (-)



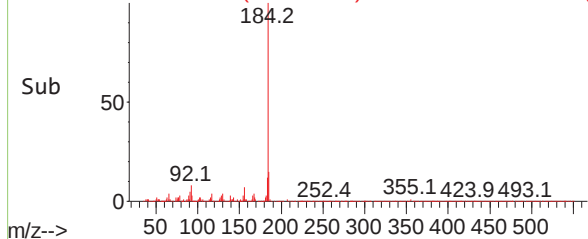
Benzidine
Concen: 7.79 ng
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

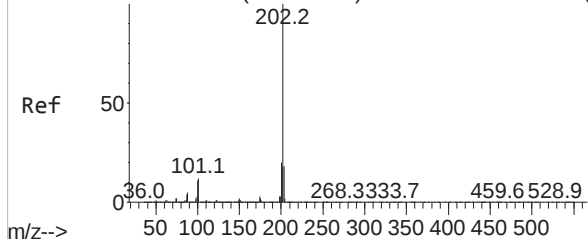
Tgt Ion:	184	Resp:	33452
Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.5	17.3
183	11.7	9.6	14.4



Abundance Scan 2763 (19.339 min): BP005058.D\data.ms (-2712) (-)

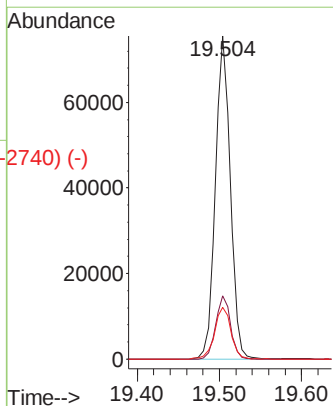
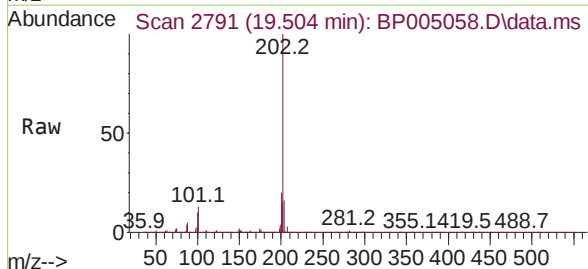


Abundance Scan 2791 (19.504 min): BP005024.D\data.ms (-2712) (-)

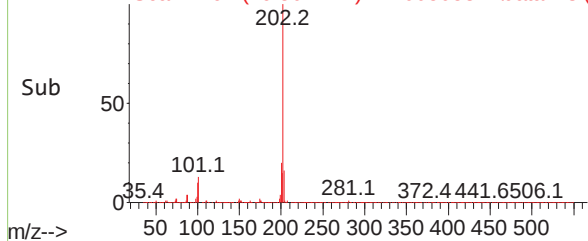


Pyrene
Concen: 7.13 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

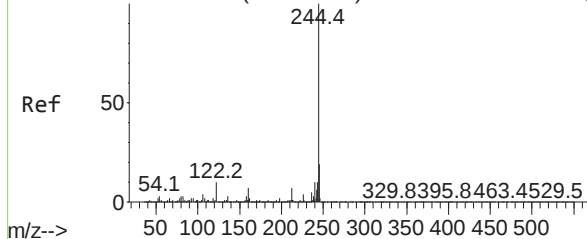
Tgt Ion:	202	Resp:	95887
Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.1	25.7
203	16.0	14.2	21.2



Abundance Scan 2791 (19.504 min): BP005058.D\data.ms (-2740) (-)



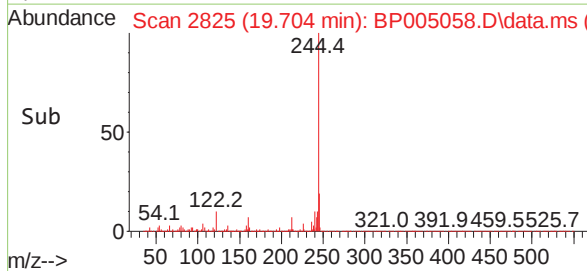
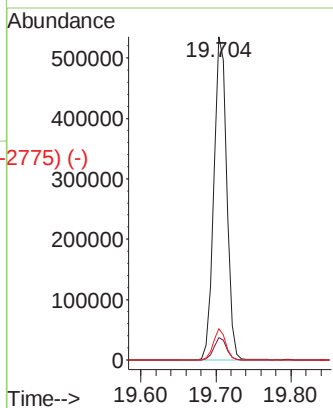
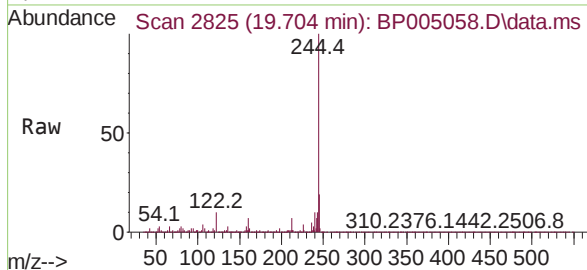
Abundance Scan 2825 (19.704 min): BP005024.D\data.ms (-2775) (-)



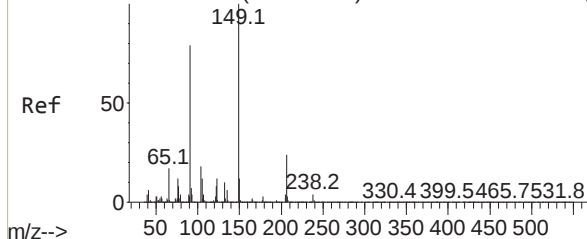
Terphenyl-d14
Concen: 59.41 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:244 Resp: 638492
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.7 7.8 11.8

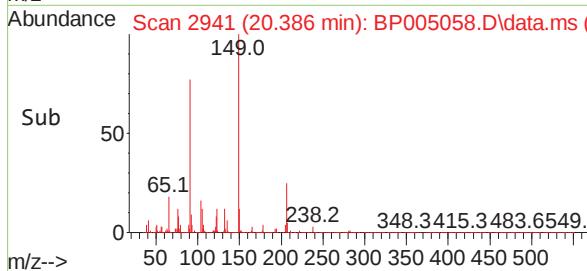
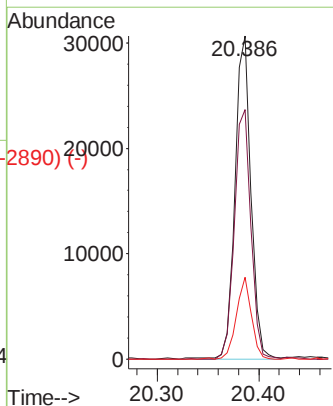
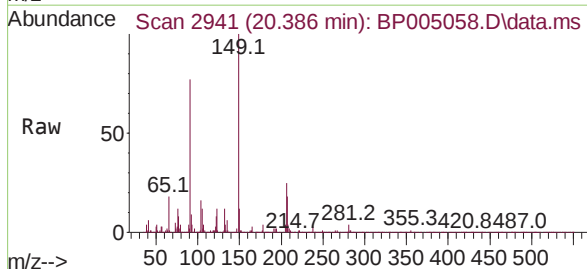


Abundance Scan 2941 (20.386 min): BP005024.D\data.ms (-2890) (-)

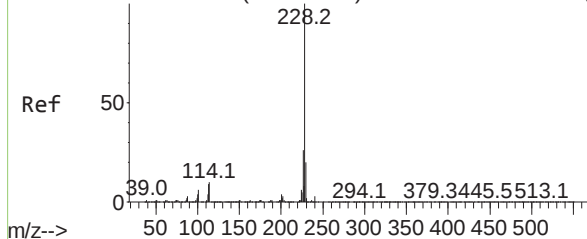


Butylbenzylphthalate
Concen: 6.69 ng
RT: 20.386 min Scan# 2941
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:149 Resp: 33386
Ion Ratio Lower Upper
149 100
91 77.2 45.4 68.0#
206 25.4 17.1 25.7



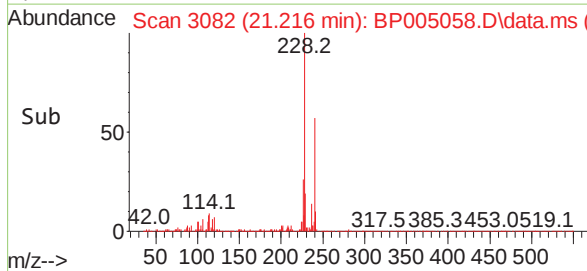
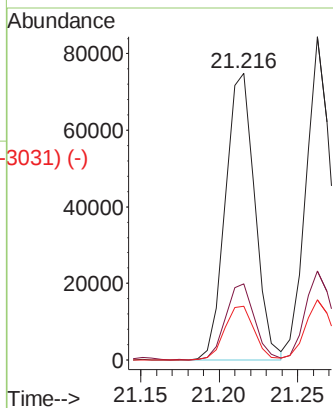
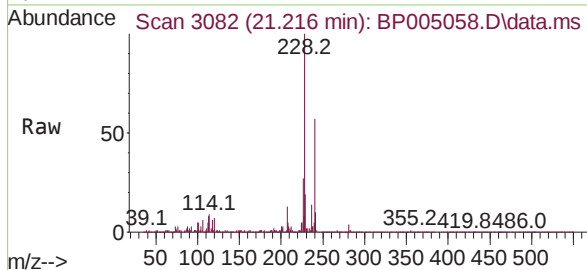
Abundance Scan 3081 (21.210 min): BP005024.D\data.ms (-3081) (-)



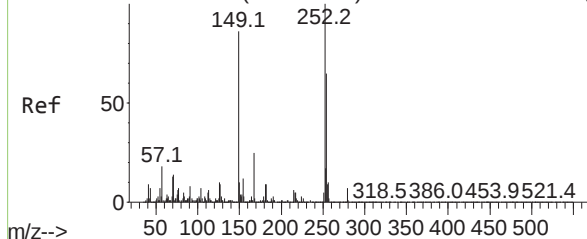
Benzo(a)anthracene
Concen: 7.32 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	228	Resp:	97258
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.1	33.1
229	18.6	15.9	23.9

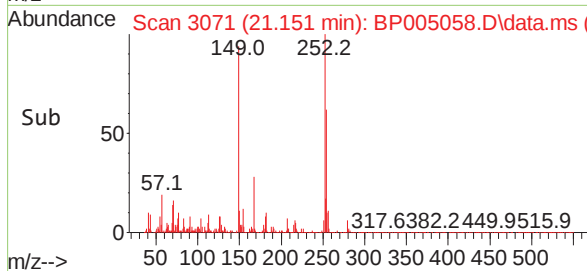
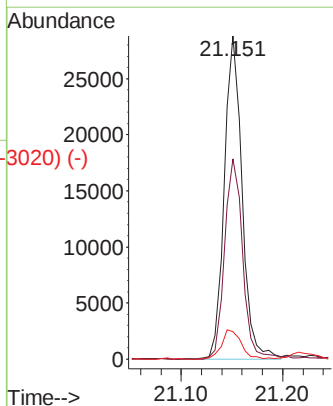
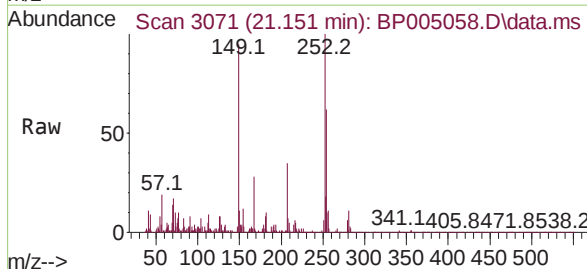


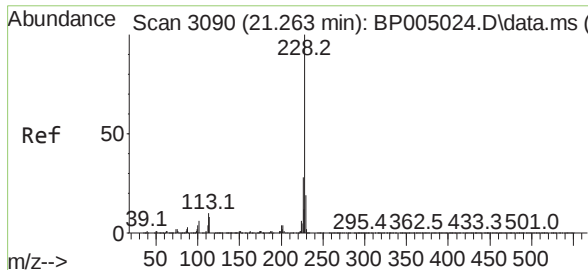
Abundance Scan 3071 (21.151 min): BP005024.D\data.ms (-3071) (-)



3,3'-Dichlorobenzidine
Concen: 7.85 ng
RT: 21.151 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	252	Resp:	35047
Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.0	76.4
126	8.5	7.9	11.9

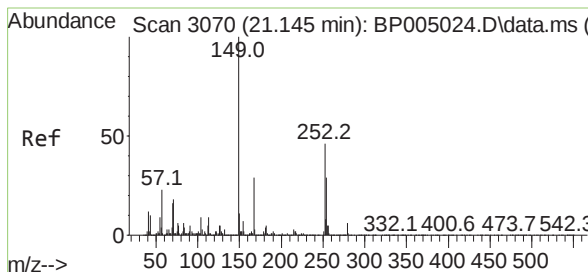
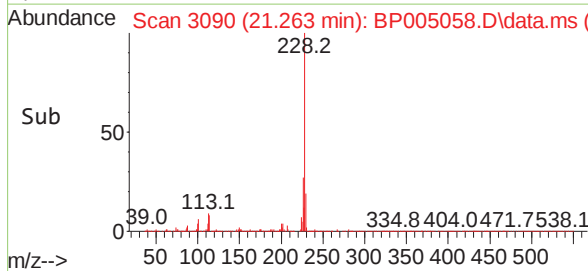
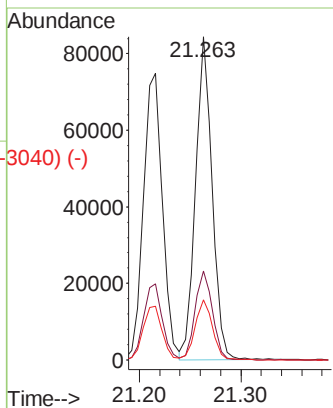
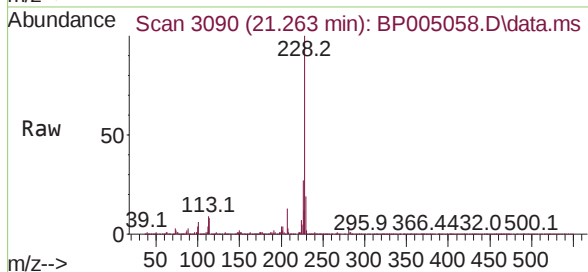




Scan 3090 (21.263 min): BP005024.D\data.ms (-3088) (-)
Chrysene
 Concen: 7.32 ng
 RT: 21.263 min Scan# 3090
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

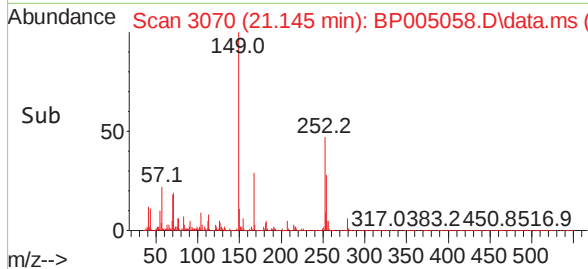
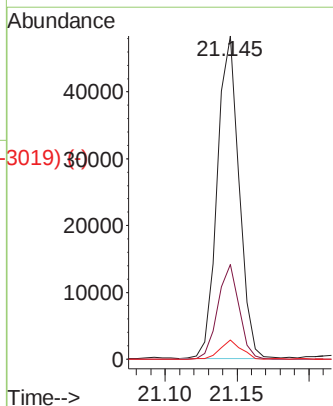
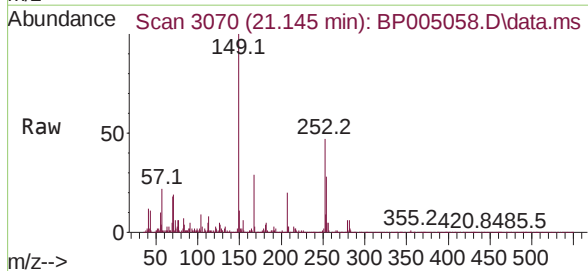
Instrument :
 BNA_P
ClientSampleId :
 MDL-SOIL-03-QT1-2021

Tgt Ion:	228	Resp:	95546
Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.4	36.6
229	18.6	15.8	23.6

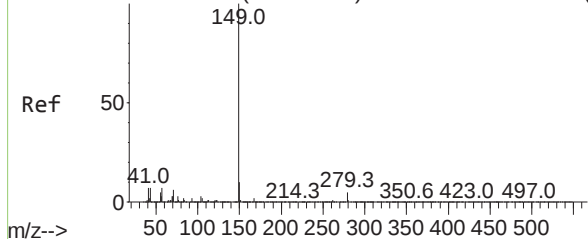


Scan 3070 (21.145 min): BP005024.D\data.ms (-3082) (-)
Bis(2-ethylhexyl)phthalate
 Concen: 6.89 ng
 RT: 21.145 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

Tgt Ion:	149	Resp:	50392
Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	34.0
279	5.9	4.2	6.2



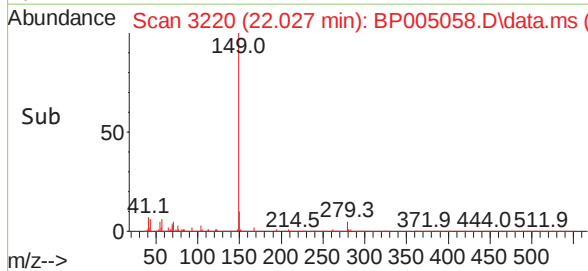
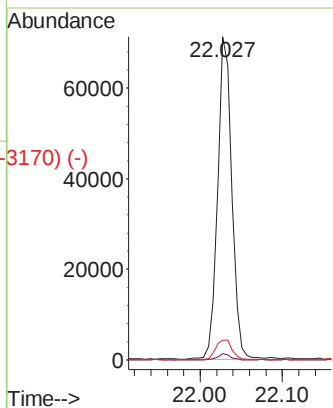
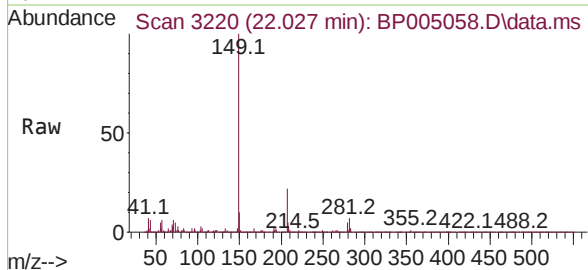
Abundance Scan 3220 (22.027 min): BP005024.D\data.ms (-3185) (-)



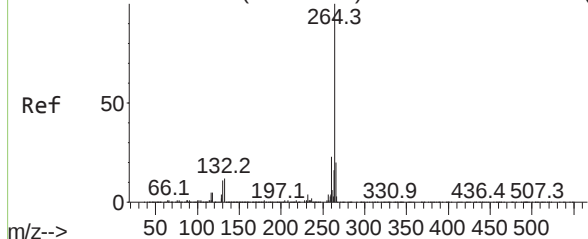
Di-n-octyl phthalate
Concen: 7.00 ng
RT: 22.027 min Scan# 3220
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	149	Resp:	86341
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	7.0	3.7	5.5#

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

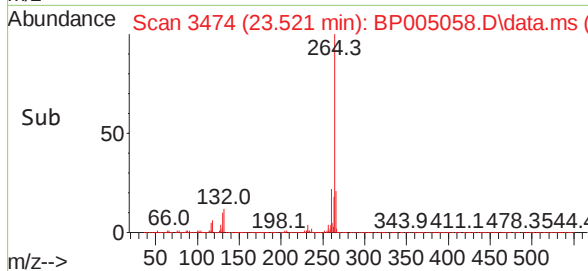
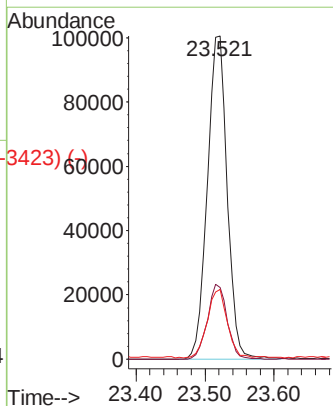
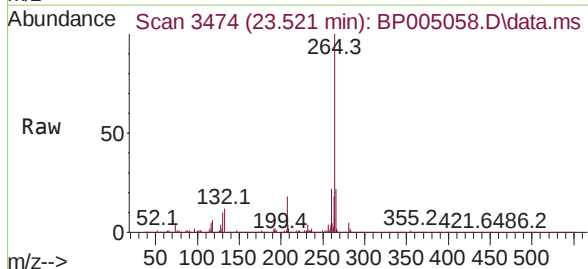


Abundance Scan 3473 (23.515 min): BP005024.D\data.ms (-3485) (-)

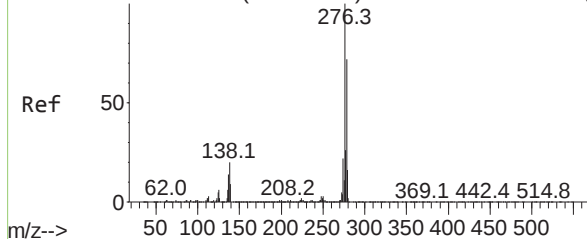


Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	264	Resp:	200787
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.8	28.2
265	21.7	17.4	26.2



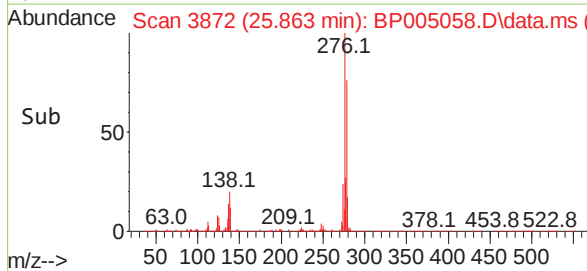
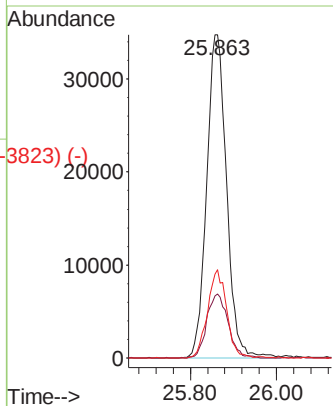
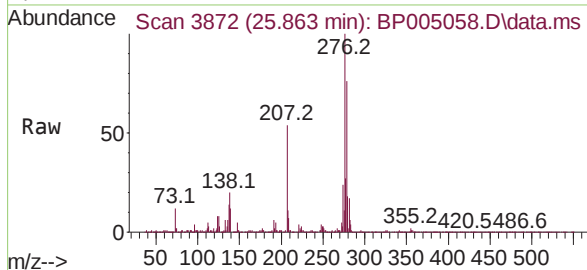
Abundance Scan 3872 (25.862 min): BP005024.D\data.ms (-3837) (-)



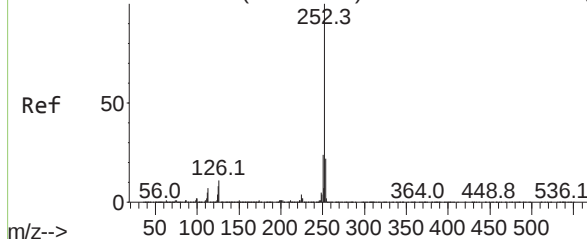
Indeno(1,2,3-cd)pyrene
Concen: 7.37 ng
RT: 25.863 min Scan# 3872
Delta R.T. -0.012 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	276	Resp:	110947
Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.7	28.1
277	26.0	20.4	30.6

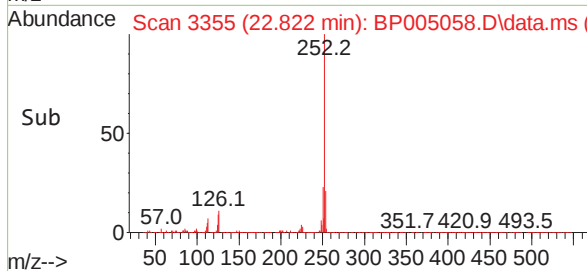
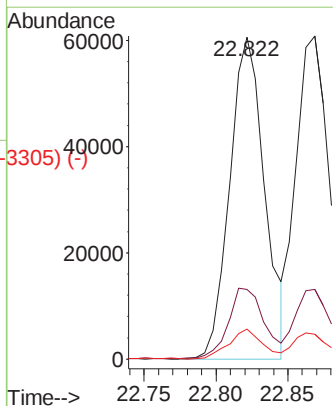
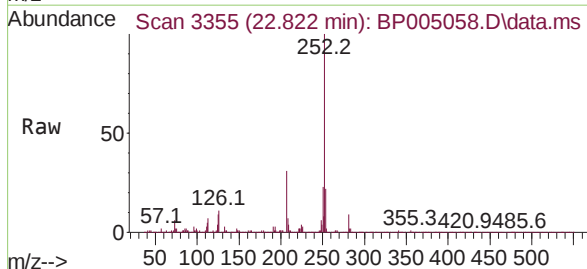


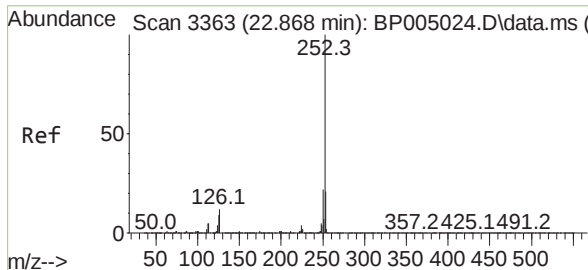
Abundance Scan 3355 (22.821 min): BP005024.D\data.ms (-3349) (-)



Benzo(b)fluoranthene
Concen: 7.19 ng
RT: 22.822 min Scan# 3355
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	252	Resp:	102577
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.3	7.3	10.9

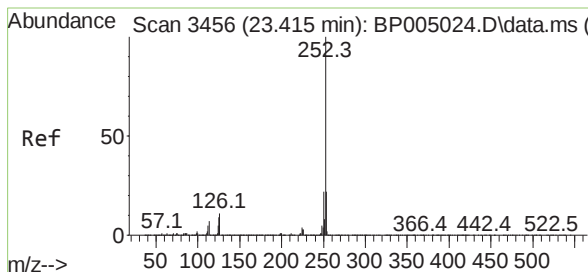
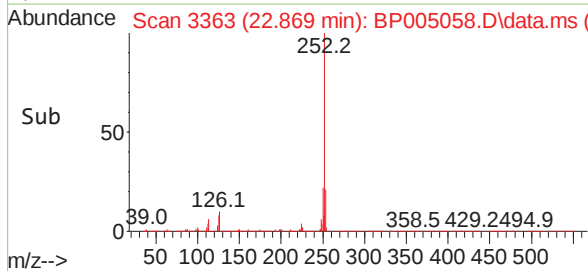
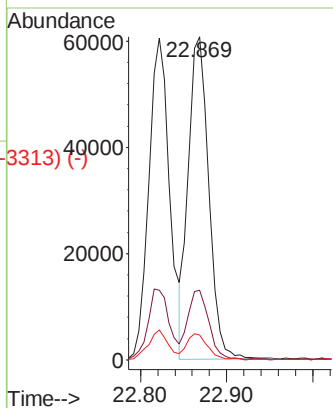
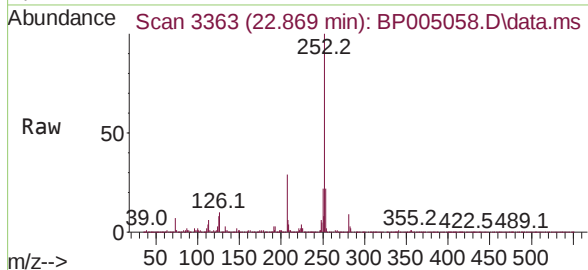




Scan 3363 (22.868 min): BP005024.D\data.ms (-3363)
 Benzo(k)fluoranthene
 Concen: 7.28 ng
 RT: 22.869 min Scan# 3363
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

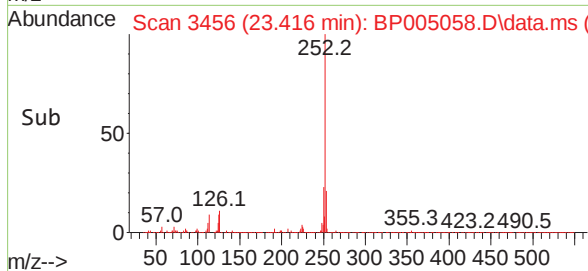
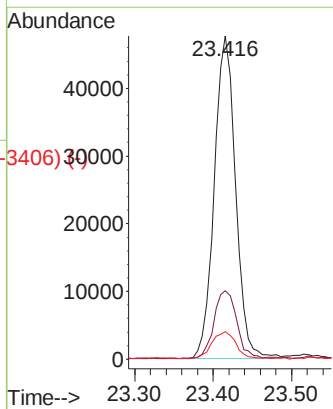
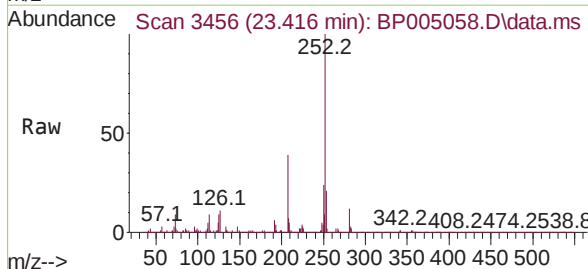
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Tgt Ion:	252	Resp:	99427
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	7.8	7.4	11.2



Scan 3456 (23.415 min): BP005024.D\data.ms (-3456)
 Benzo(a)pyrene
 Concen: 7.02 ng
 RT: 23.416 min Scan# 3456
 Delta R.T. -0.006 min
 Lab File: BP005058.D
 Acq: 26 Mar 2021 12:31

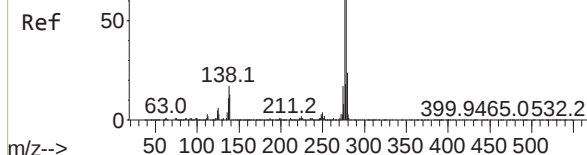
Tgt Ion:	252	Resp:	89720
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	8.6	8.2	12.4



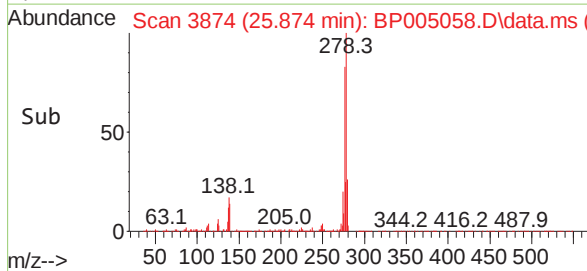
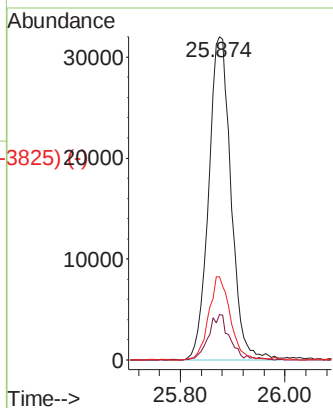
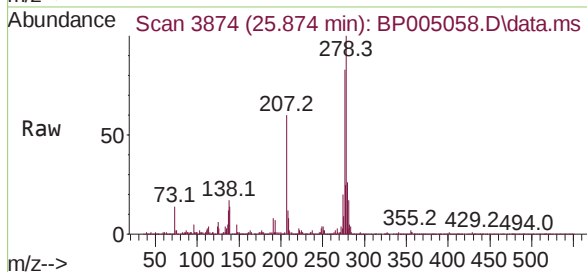
Abundance Scan 3875 (25.880 min): BP005024.D\data.ms (-3875) (-)

Dibenzo(a,h)anthracene
Concen: 7.30 ng
RT: 25.874 min Scan# 3874
Delta R.T. -0.012 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

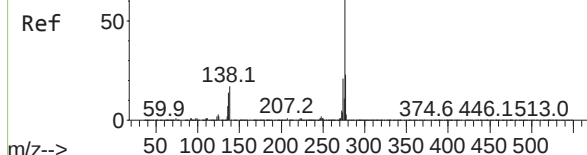


Tgt Ion:	278	Resp:	95040
Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.4	18.6
279	25.6	19.0	28.6



Abundance Scan 3995 (26.586 min): BP005024.D\data.ms (-3995) (-)

Benzo(g,h,i)perylene
Concen: 7.43 ng
RT: 26.574 min Scan# 3993
Delta R.T. -0.018 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



Tgt Ion:	276	Resp:	93307
Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	16.9	16.6	24.8

