

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
 Data File : BP003677.D
 Acq On : 20 Oct 2020 12:57
 Operator : CG/JU
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Quant Time: Oct 20 13:35:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 12:55:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	117665	20.00	ng	# 0.00
21) Naphthalene-d8	11.369	136	415908	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	279294	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	616875	20.00	ng	0.00
76) Chrysene-d12	21.851	240	633931	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	587826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1035759	147.20	ng	0.00
7) Phenol-d6	7.675	99	1375270	138.33	ng	0.00
23) Nitrobenzene-d5	9.693	82	977397	99.41	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	623929	143.19	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2234390	103.42	ng	0.00
79) Terphenyl-d14	20.310	244	3672176	101.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	23872	7.94	ng	# 88
3) Pyridine	4.128	79	62402	7.34	ng	# 88
4) n-Nitrosodimethylamine	4.022	42	27605	7.61	ng	# 61
6) Aniline	7.822	93	90370	8.19	ng	# 83
8) 2-Chlorophenol	8.093	128	54256	7.74	ng	# 80
9) Benzaldehyde	7.622	77	54673	10.42	ng	# 77
10) Phenol	7.699	94	74185	7.84	ng	71
11) bis(2-Chloroethyl)ether	7.905	93	57248	7.62	ng	90
12) 1,3-Dichlorobenzene	8.422	146	66302	7.34	ng	# 91
13) 1,4-Dichlorobenzene	8.563	146	66865	7.33	ng	# 90
14) 1,2-Dichlorobenzene	8.899	146	64268	7.43	ng	# 92
15) Benzyl Alcohol	8.752	79	56244	7.40	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	9.052	45	55580	7.46	ng	99
17) 2-Methylphenol	8.975	107	47697	7.61	ng	# 90
18) Hexachloroethane	9.652	117	25186	7.16	ng	91
19) n-Nitroso-di-n-propyla...	9.322	70	45878	7.55	ng	# 85
20) 3+4-Methylphenols	9.299	107	62676	7.42	ng	91
22) Acetophenone	9.346	105	92325	7.59	ng	# 88
24) Nitrobenzene	9.734	77	75715	8.00	ng	# 76
25) Isophorone	10.257	82	121346	7.66	ng	# 89
26) 2-Nitrophenol	10.463	139	24127	6.82	ng	# 63
27) 2,4-Dimethylphenol	10.516	122	47968	8.64	ng	# 80
28) bis(2-Chloroethoxy)met...	10.728	93	74434	7.37	ng	# 96
29) 2,4-Dichlorophenol	11.016	162	52761	7.24	ng	92
30) 1,2,4-Trichlorobenzene	11.234	180	67384	7.22	ng	99
31) Naphthalene	11.422	128	171307	7.64	ng	99
32) Benzoic acid	10.593	122	10504	3.19	ng	# 56
33) 4-Chloroaniline	11.504	127	68961	7.46	ng	# 85
34) Hexachlorobutadiene	11.734	225	49891	7.08	ng	97
35) Caprolactam	12.198	113	13971	6.55	ng	# 58
36) 4-Chloro-3-methylphenol	12.598	107	56677	7.17	ng	85
37) 2-Methylnaphthalene	12.987	142	125199	7.70	ng	# 94
38) 1-Methylnaphthalene	13.204	142	113941	7.41	ng	# 100
40) 1,2,4,5-Tetrachloroben...	13.357	216	82698	7.48	ng	98
41) Hexachlorocyclopentadiene	13.357	237	53165	8.30	ng	98
43) 2,4,6-Trichlorophenol	13.581	196	44641	6.78	ng	97

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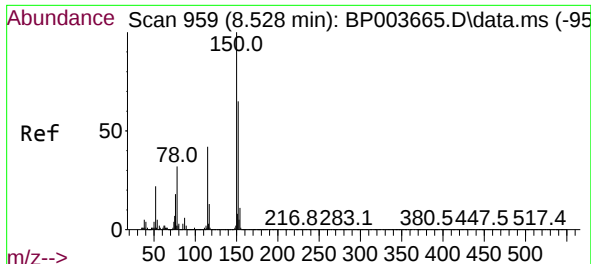
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.651	196	47700	6.98	ng	#	93
46) 1,1'-Biphenyl	13.963	154	167426	7.69	ng		98
47) 2-Chloronaphthalene	14.010	162	129803	7.13	ng		99
48) 2-Nitroaniline	14.181	65	33230	6.18	ng	#	56
49) Acenaphthylene	14.845	152	189851	7.30	ng		98
50) Dimethylphthalate	14.540	163	163232	7.11	ng		99
51) 2,6-Dinitrotoluene	14.657	165	32429	6.95	ng	#	60
52) Acenaphthene	15.187	154	123016	7.01	ng		95
53) 3-Nitroaniline	14.987	138	29663	6.47	ng	#	59
54) 2,4-Dinitrophenol	15.192	184	8906	4.16	ng	#	1
55) Dibenzofuran	15.510	168	199079	7.50	ng		95
56) 4-Nitrophenol	15.287	139	22008	6.42	ng	#	48
57) 2,4-Dinitrotoluene	15.439	165	41816	6.62	ng	#	66
58) Fluorene	16.157	166	160083	7.48	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.739	232	42552	6.49	ng		91
60) Diethylphthalate	15.887	149	155388	6.91	ng		98
61) 4-Chlorophenyl-phenyle...	16.128	204	93756	7.24	ng		97
62) 4-Nitroaniline	16.134	138	31177	6.13	ng	#	55
63) Azobenzene	16.422	77	155727	7.37	ng		85
65) 4,6-Dinitro-2-methylph...	16.210	198	19438	5.98	ng		89
66) n-Nitrosodiphenylamine	16.334	169	137080	7.46	ng		97
67) 4-Bromophenyl-phenylether	17.022	248	57694	6.99	ng		97
68) Hexachlorobenzene	17.181	284	66781	7.03	ng		95
69) Atrazine	17.257	200	46718	6.52	ng		94
70) Pentachlorophenol	17.504	266	25834	5.50	ng		98
71) Phenanthrene	17.881	178	254180	7.41	ng		99
72) Anthracene	17.969	178	254051	7.67	ng		99
73) Carbazole	18.210	167	215221	7.31	ng		98
74) Di-n-butylphthalate	18.716	149	236784	6.59	ng	#	97
75) Fluoranthene	19.792	202	302417	7.18	ng		97
77) Benzidine	19.933	184	131213	8.64	ng		99
78) Pyrene	20.139	202	315032	7.42	ng		97
80) Butylbenzylphthalate	20.945	149	91828	5.90	ng	#	85
81) Benzo(a)anthracene	21.833	228	305096	7.22	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	112391	7.59	ng		99
83) Chrysene	21.886	228	296786	7.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	136458	6.13	ng		98
85) Di-n-octyl phthalate	22.657	149	216729	6.00	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.092	276	295546	7.00	ng	#	92
88) Benzo(b)fluoranthene	23.633	252	300241	7.32	ng	#	96
89) Benzo(k)fluoranthene	23.680	252	276480	7.06	ng	#	96
90) Benzo(a)pyrene	24.304	252	250323	6.84	ng	#	96
91) Dibenzo(a,h)anthracene	27.092	278	246904	7.00	ng	#	93
92) Benzo(g,h,i)perylene	27.921	276	236610	7.24	ng	#	91

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

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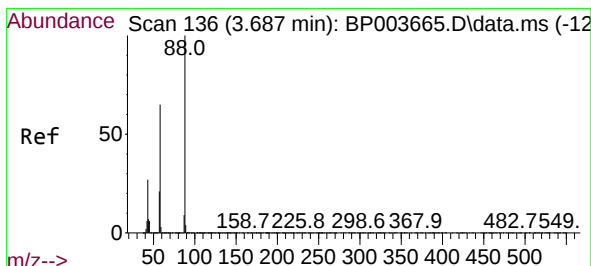
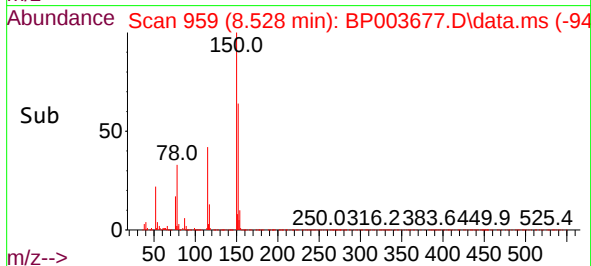
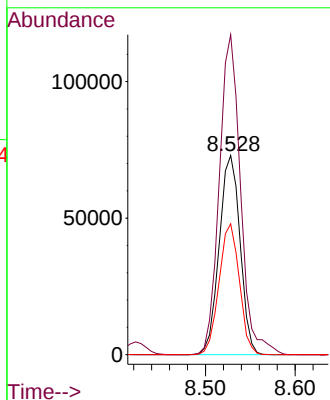
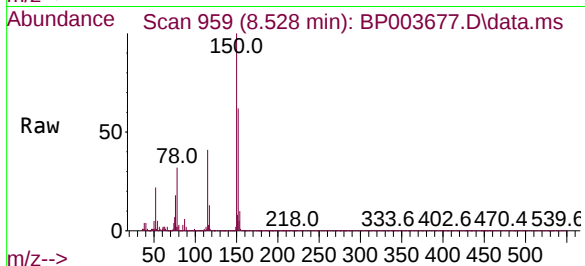




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

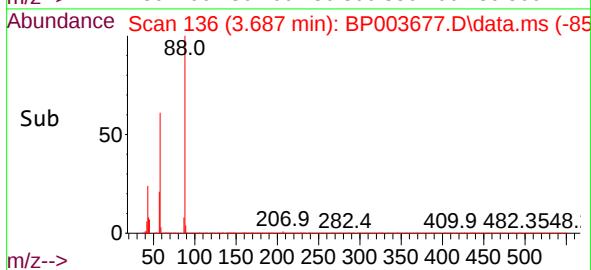
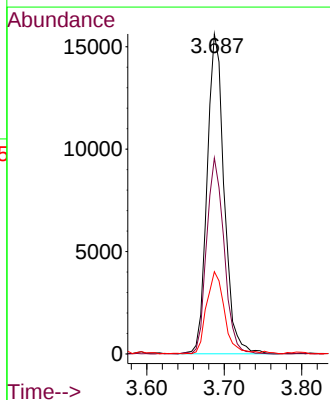
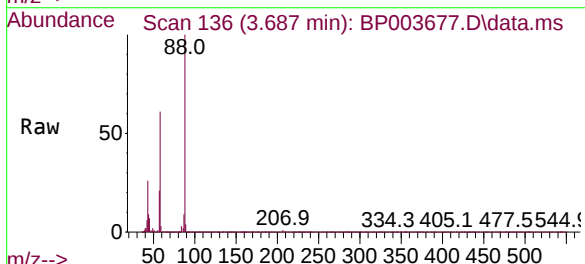
Instrument :
BNA_P
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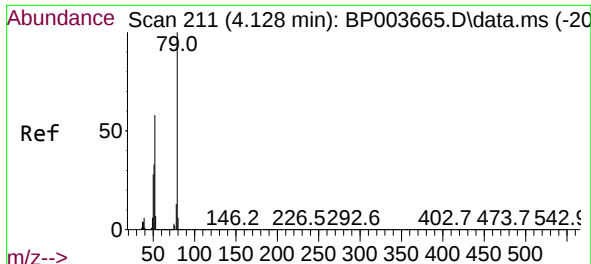
Tgt Ion:152 Resp: 117665
Ion Ratio Lower Upper
152 100
150 160.6 123.8 185.6
115 65.7 43.8 65.6#



#2
1,4-Dioxane
Concen: 7.94 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 88 Resp: 23872
Ion Ratio Lower Upper
88 100
58 62.8 44.2 66.4
43 27.0 15.2 22.8#

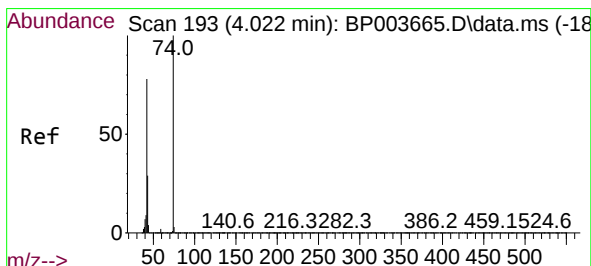
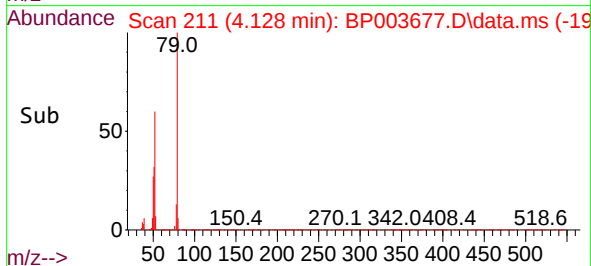
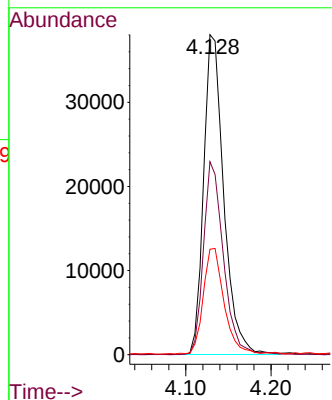
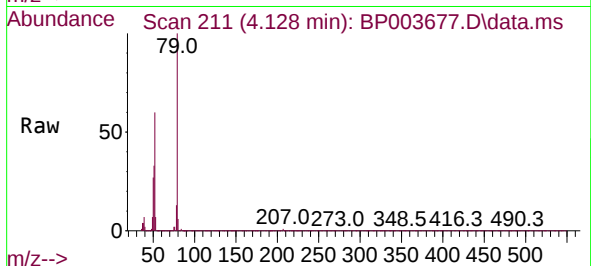




#3
Pyridine
Concen: 7.34 ng
RT: 4.128 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

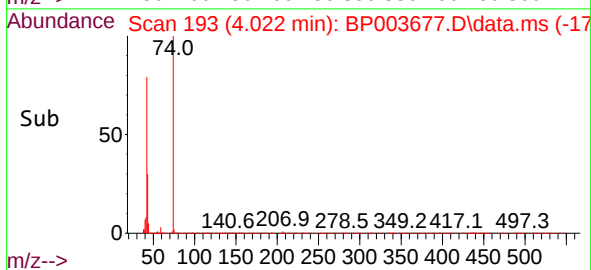
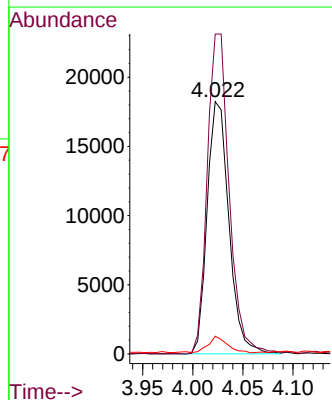
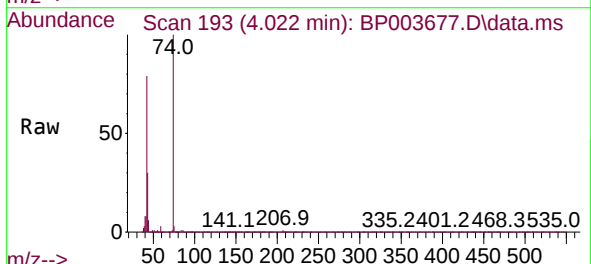
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

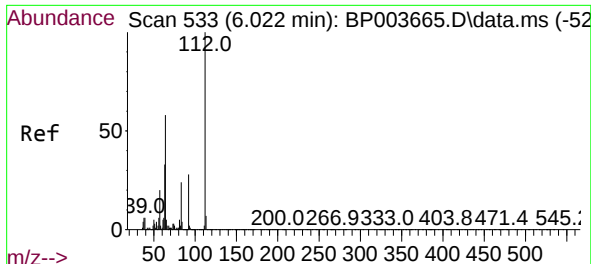
Tgt Ion: 79 Resp: 62402
Ion Ratio Lower Upper
79 100
52 60.3 41.3 61.9
51 33.0 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 7.61 ng
RT: 4.022 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 42 Resp: 27605
Ion Ratio Lower Upper
42 100
74 126.8 148.6 223.0#
44 7.1 5.3 7.9

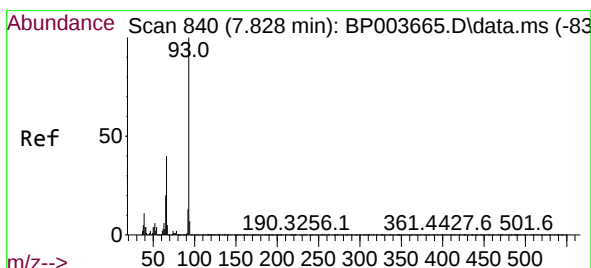
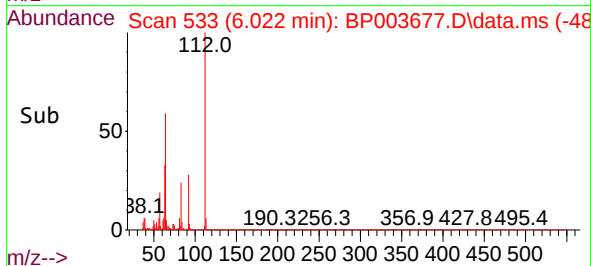
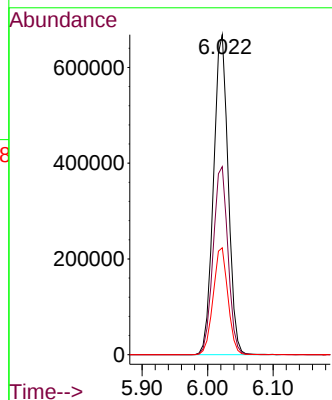
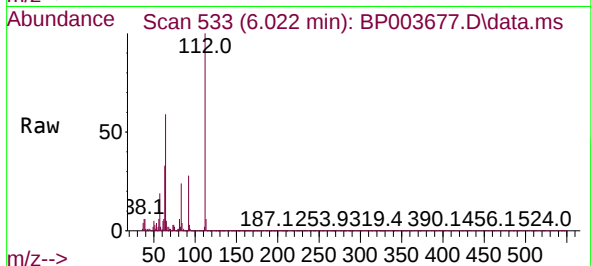




#5
2-Fluorophenol
Concen: 147.20 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

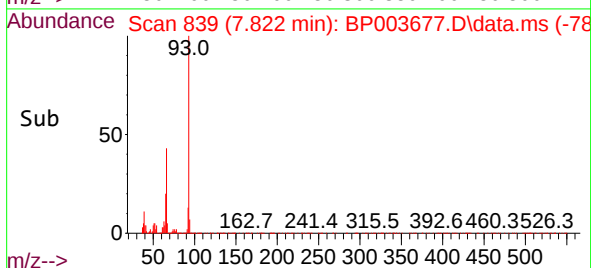
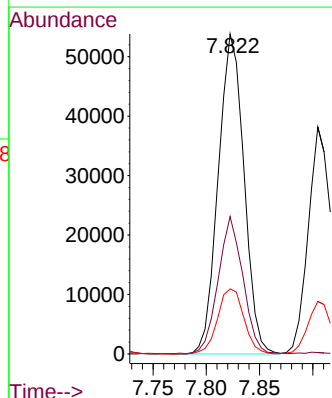
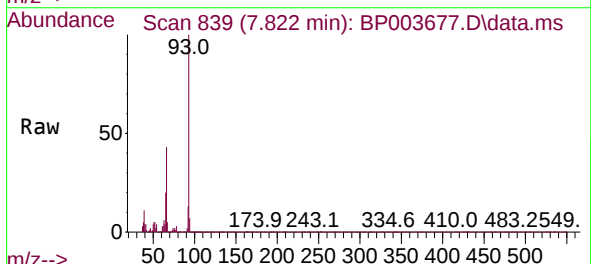
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ClientSampleId :
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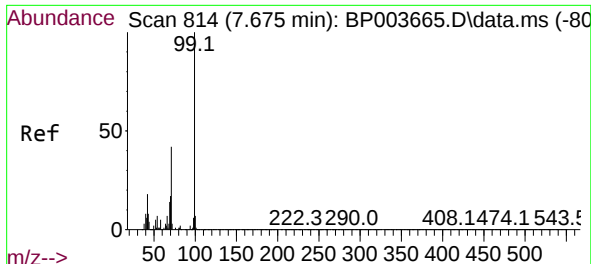
Tgt Ion:112 Resp: 1035759
Ion Ratio Lower Upper
112 100
64 58.8 32.8 49.2#
63 33.4 17.0 25.4#



#6
Aniline
Concen: 8.19 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 93 Resp: 90370
Ion Ratio Lower Upper
93 100
66 43.0 25.4 38.0#
65 20.3 12.5 18.7#

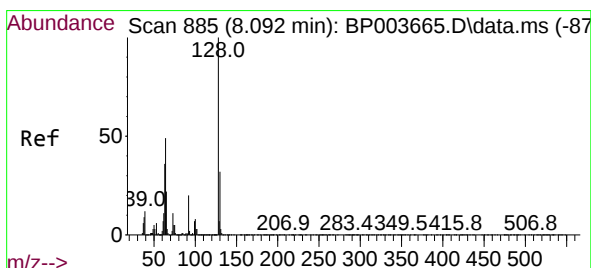
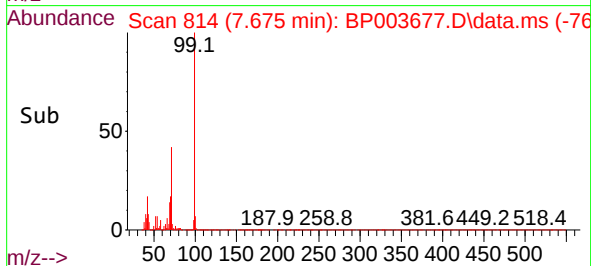
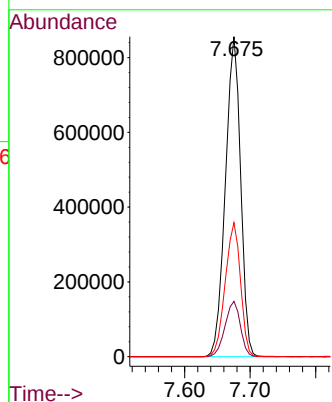
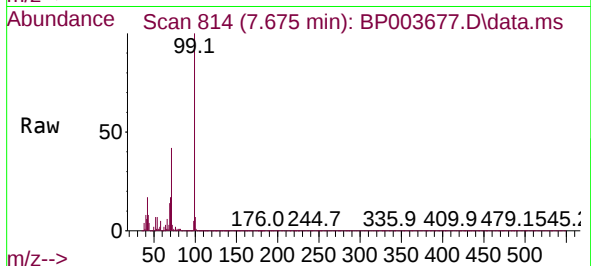




#7
Phenol-d6
Concen: 138.33 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

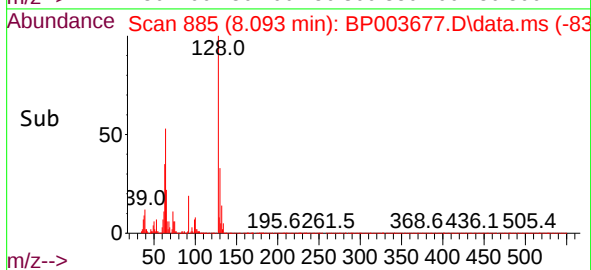
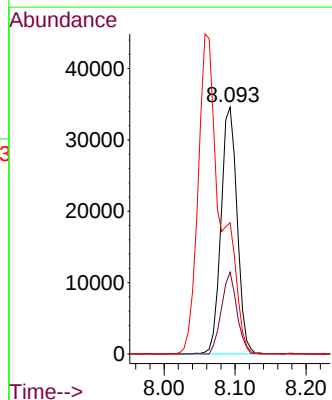
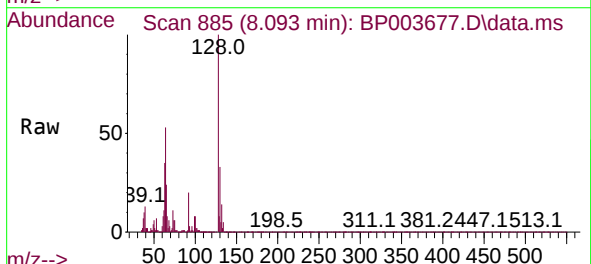
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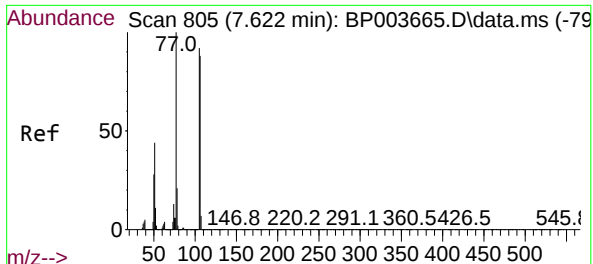
Tgt Ion: 99 Resp: 1375270
Ion Ratio Lower Upper
99 100
42 17.3 8.6 13.0#
71 41.9 23.4 35.2#



#8
2-Chlorophenol
Concen: 7.74 ng
RT: 8.093 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:128 Resp: 54256
Ion Ratio Lower Upper
128 100
130 33.1 13.0 53.0
64 53.2 10.4 50.4#

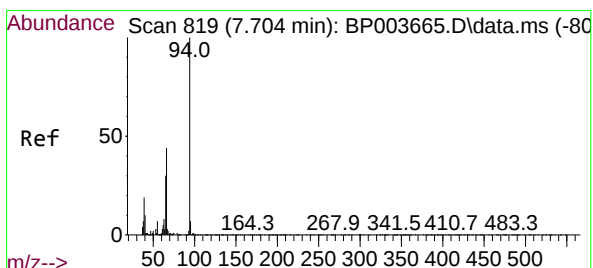
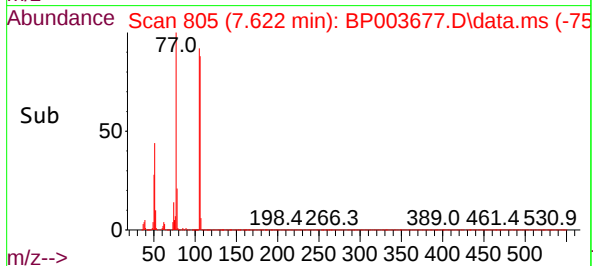
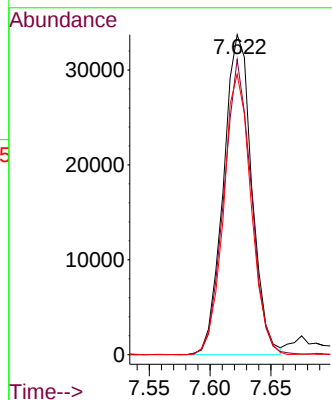
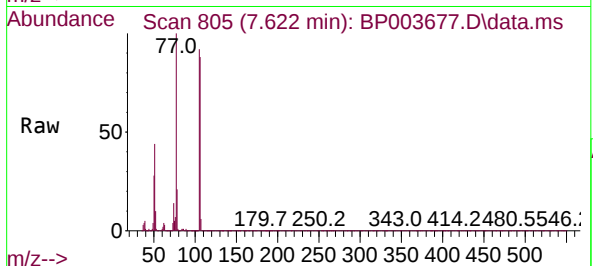




#9
Benzaldehyde
Concen: 10.42 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

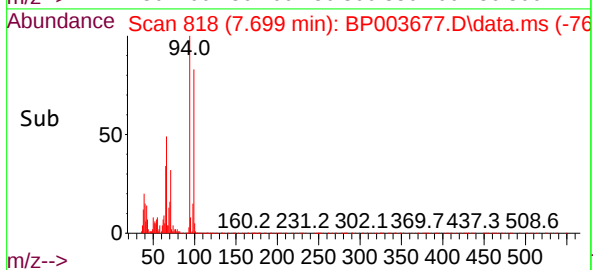
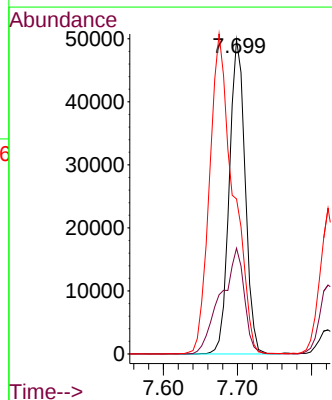
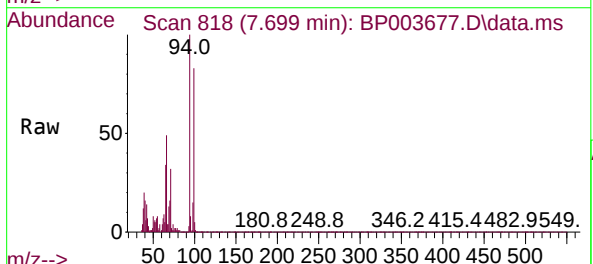
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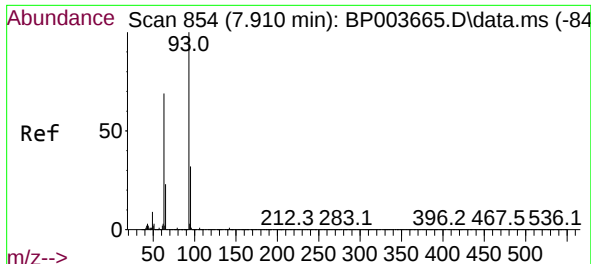
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Ion Ratio Lower Upper
77 100
105 92.3 97.1 137.1#
106 87.7 93.7 133.7#



#10
Phenol
Concen: 7.84 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 94 Resp: 74185
Ion Ratio Lower Upper
94 100
65 33.7 2.3 42.3
66 49.3 10.9 50.9

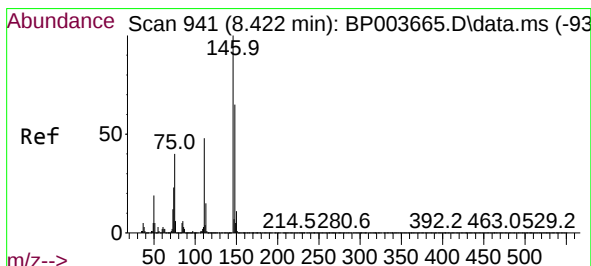
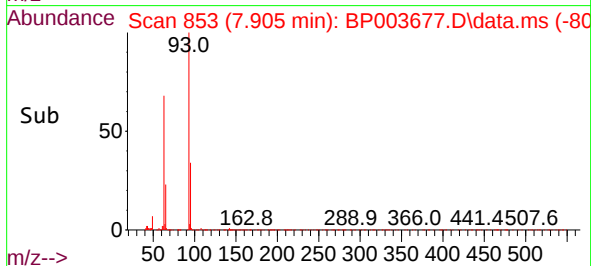
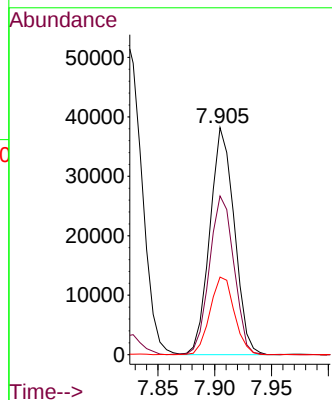
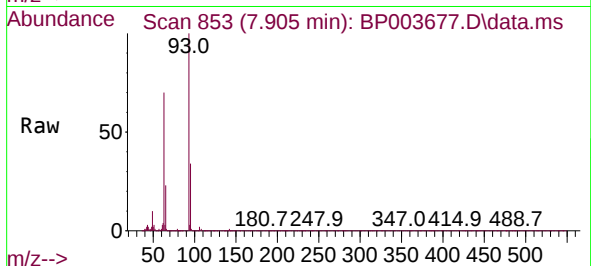




#11
bis(2-Chloroethyl)ether
Concen: 7.62 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

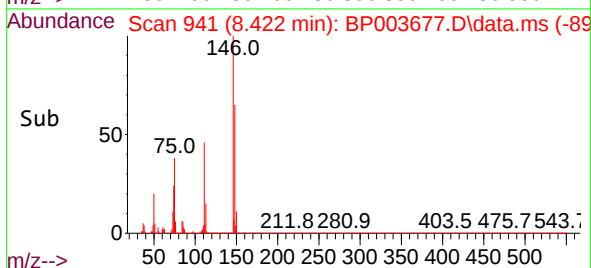
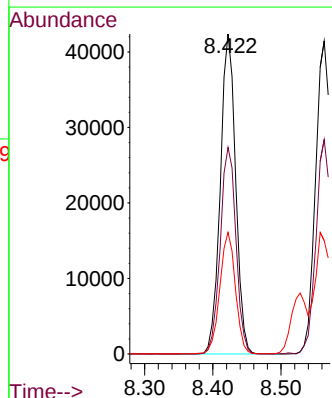
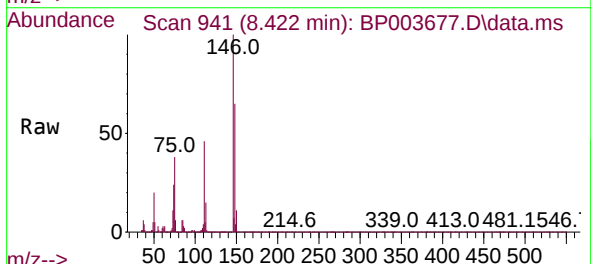
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

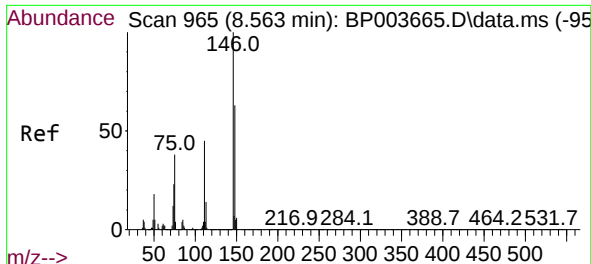
Tgt Ion: 93 Resp: 57248
Ion Ratio Lower Upper
93 100
63 69.9 39.0 79.0
95 34.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 7.34 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:146 Resp: 66302
Ion Ratio Lower Upper
146 100
148 64.6 52.5 78.7
75 38.0 18.1 27.1#

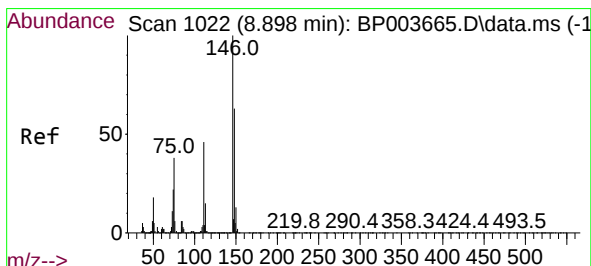
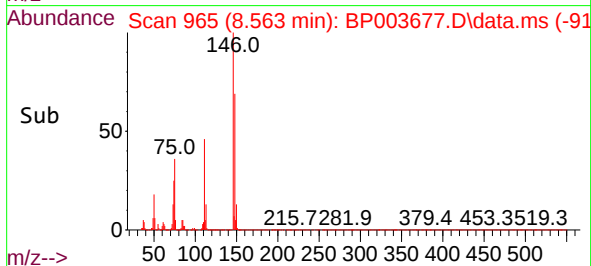
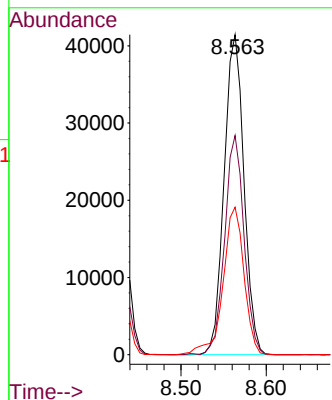
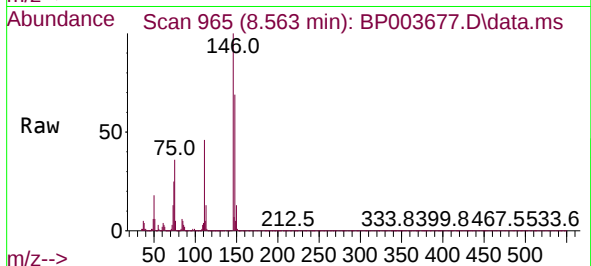




#13
1,4-Dichlorobenzene
Concen: 7.33 ng
RT: 8.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

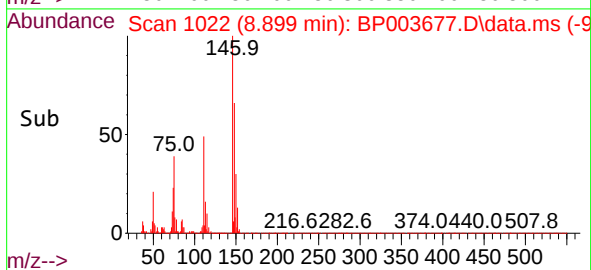
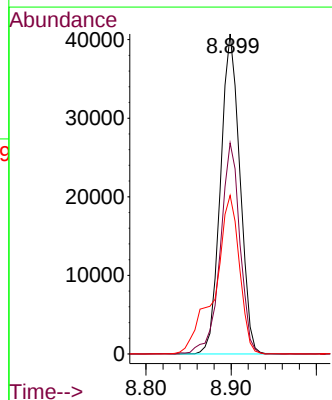
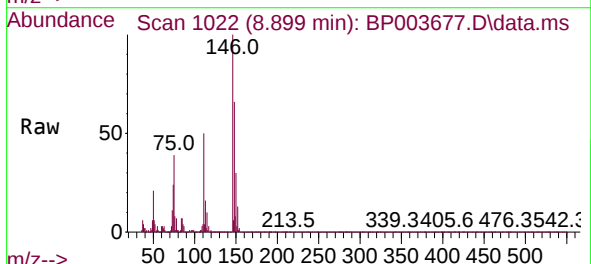
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

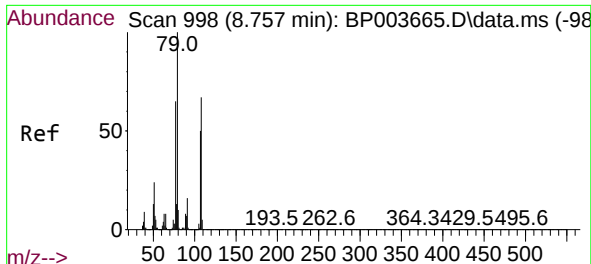
Tgt Ion:146 Resp: 66865
Ion Ratio Lower Upper
146 100
148 68.5 51.3 76.9
111 46.1 28.9 43.3#



#14
1,2-Dichlorobenzene
Concen: 7.43 ng
RT: 8.899 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:146 Resp: 64268
Ion Ratio Lower Upper
146 100
148 66.0 51.6 77.4
111 49.5 31.0 46.6#

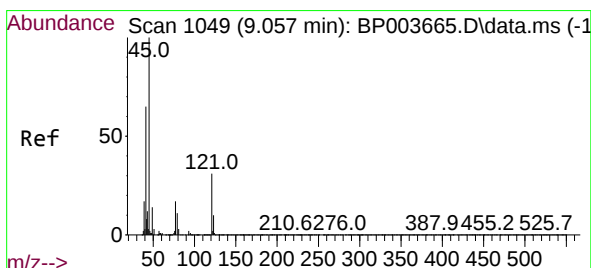
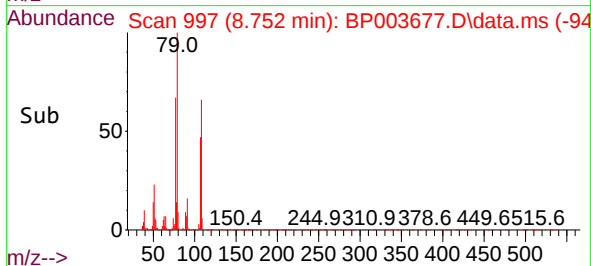
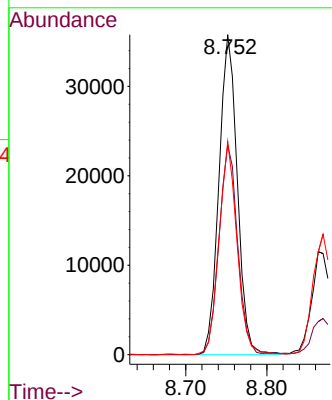
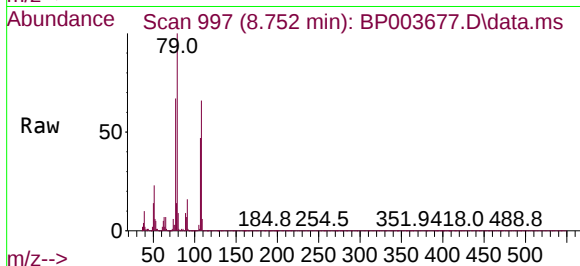




#15
Benzyl Alcohol
Concen: 7.40 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

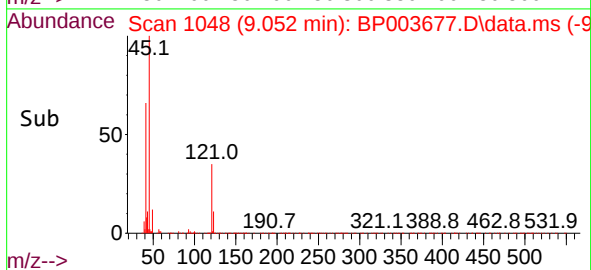
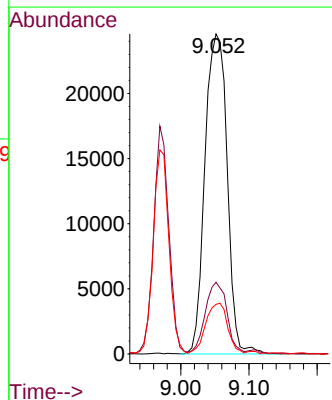
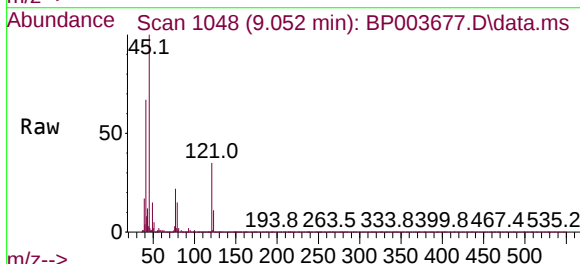
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

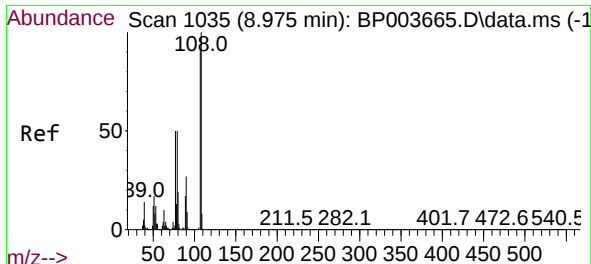
Tgt Ion: 79 Resp: 56244
Ion Ratio Lower Upper
79 100
108 65.5 73.5 110.3#
77 66.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.46 ng
RT: 9.052 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 45 Resp: 55580
Ion Ratio Lower Upper
45 100
77 22.4 2.3 42.3
79 15.5 0.0 36.6

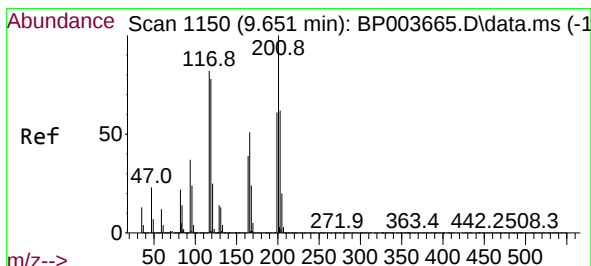
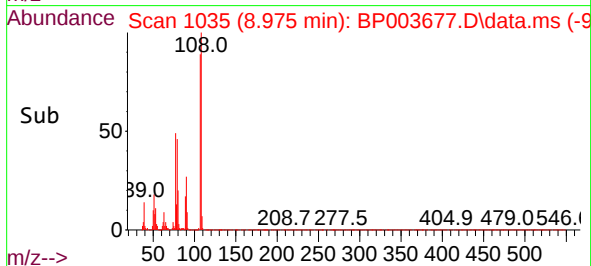
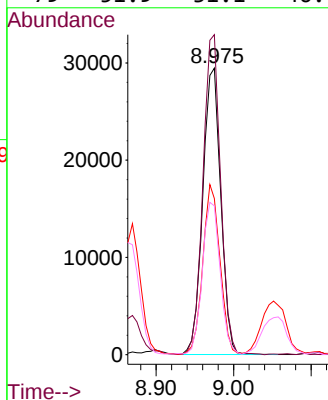
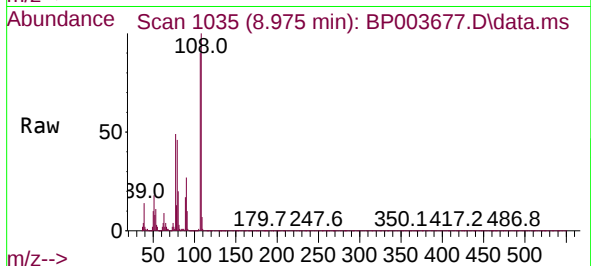




#17
2-Methylphenol
Concen: 7.61 ng
RT: 8.975 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

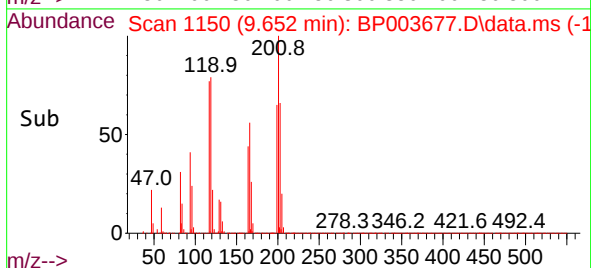
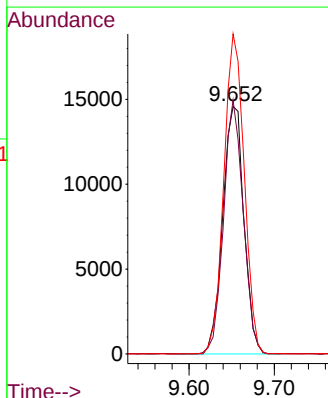
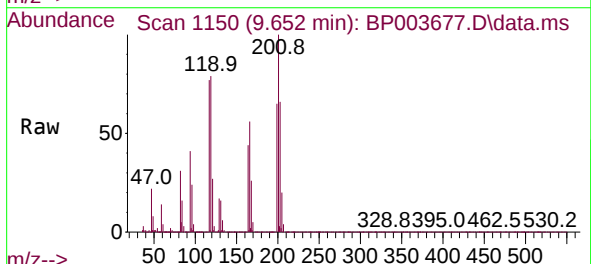
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

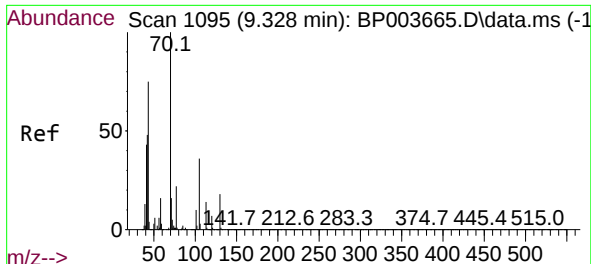
Tgt Ion:	107	Resp:	47697
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	54.5	31.8	47.6#
79	51.9	31.1	46.7#



#18
Hexachloroethane
Concen: 7.16 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	117	Resp:	25186
Ion	Ratio	Lower	Upper
117	100		
119	102.5	78.8	118.2
201	129.2	92.3	138.5

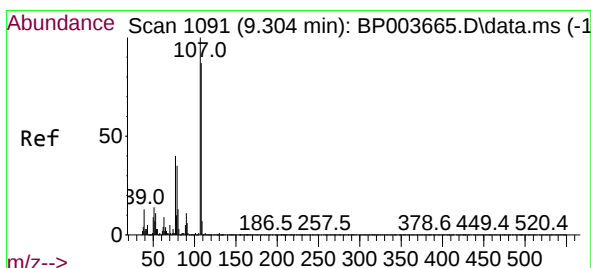
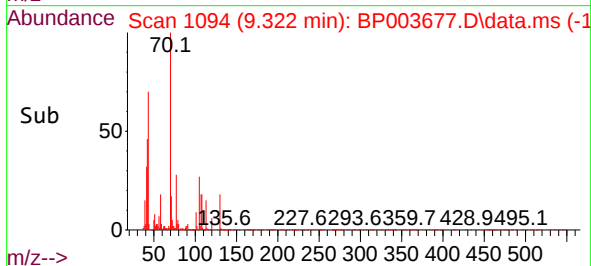
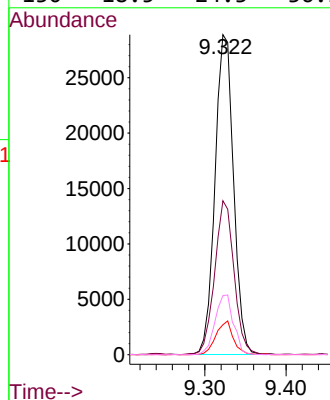
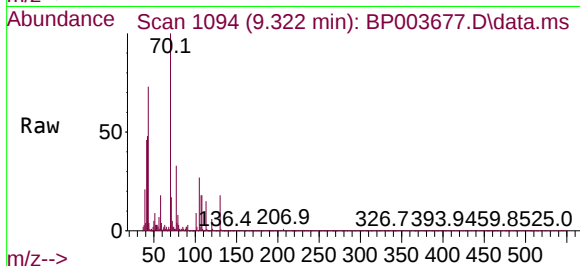




#19
n-Nitroso-di-n-propylamine
Concen: 7.55 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

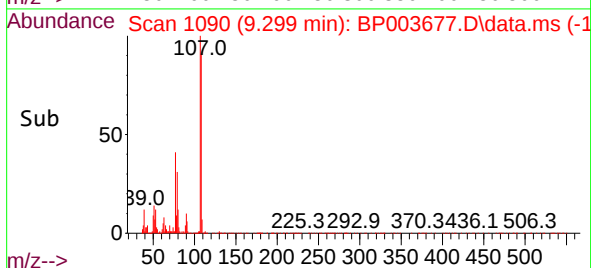
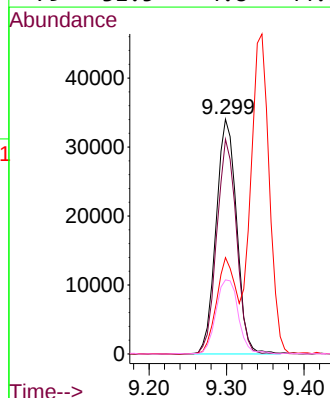
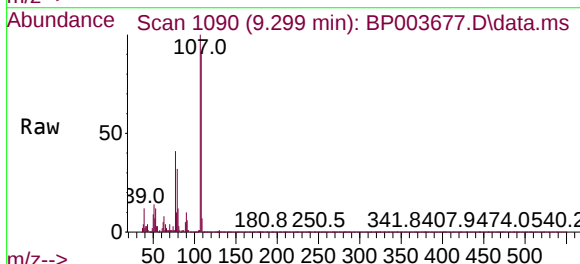
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

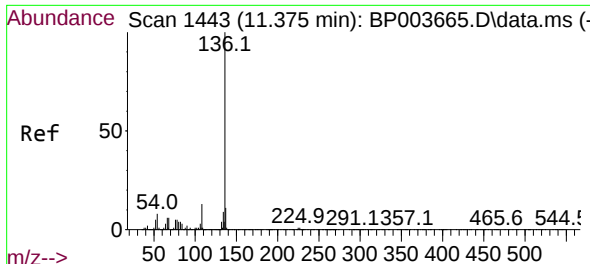
Tgt Ion:	70	Resp:	45878
Ion	Ratio	Lower	Upper
70	100		
42	48.1	32.8	49.2
101	9.4	9.6	14.4#
130	18.5	24.3	36.5#



#20
3+4-Methylphenols
Concen: 7.42 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	107	Resp:	62676
Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.0	109.0
77	41.0	8.5	48.5
79	31.5	4.8	44.8

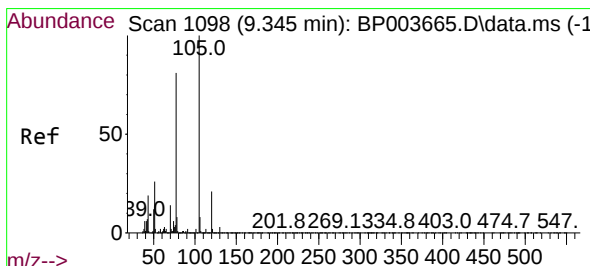
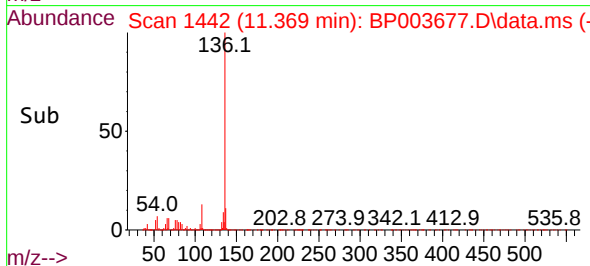
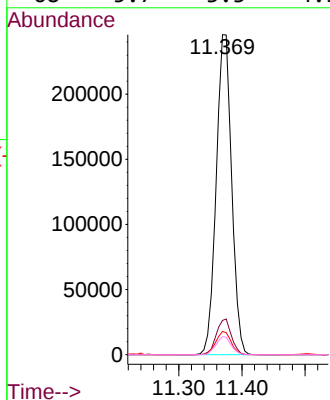
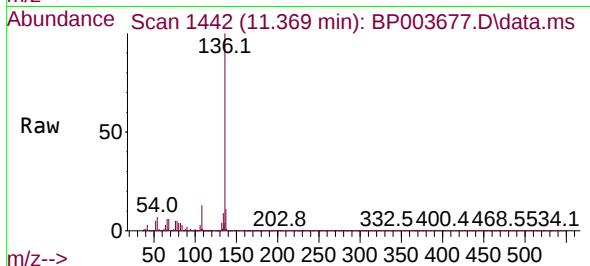




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

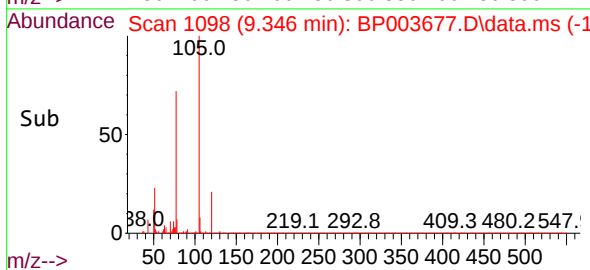
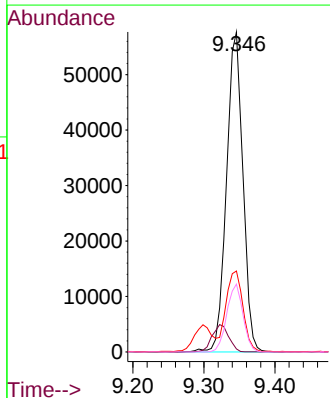
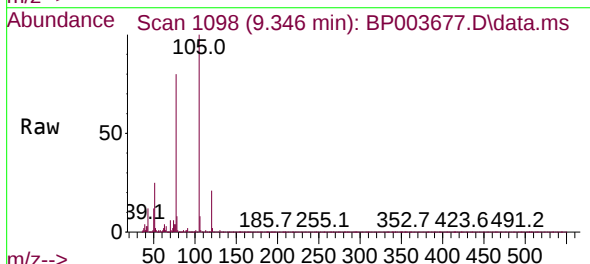
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

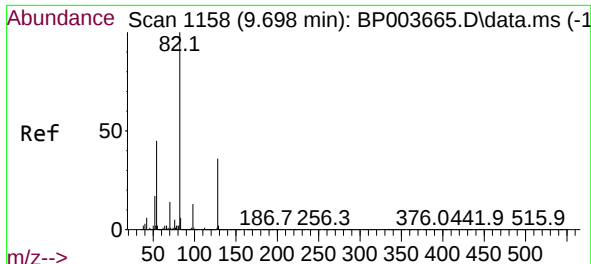
Tgt Ion:	136	Resp:	415908
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	7.3	3.6	5.4#
68	5.7	3.3	4.9#



#22
Acetophenone
Concen: 7.59 ng
RT: 9.346 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	105	Resp:	92325
Ion Ratio	Lower	Upper	
105	100		
71	0.9	2.6	3.8#
51	25.3	13.5	20.3#
120	21.2	19.6	29.4

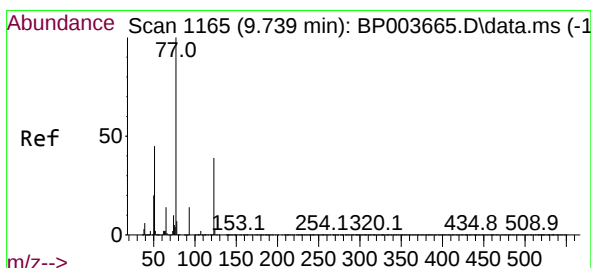
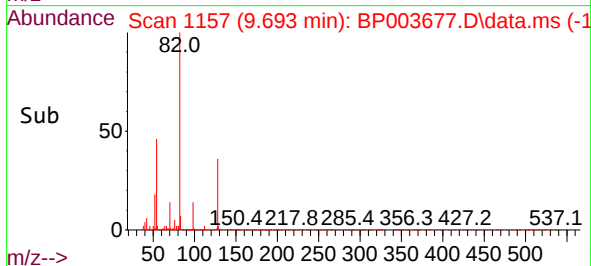
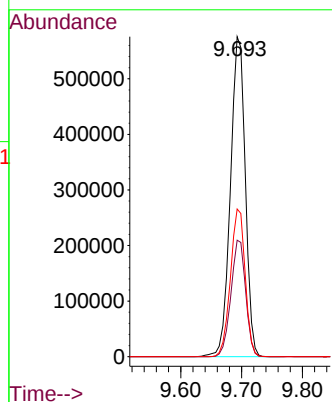
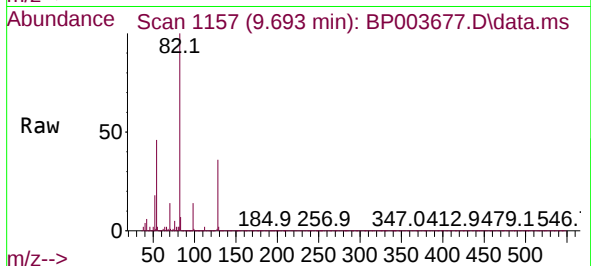




#23
Nitrobenzene-d5
Concen: 99.41 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

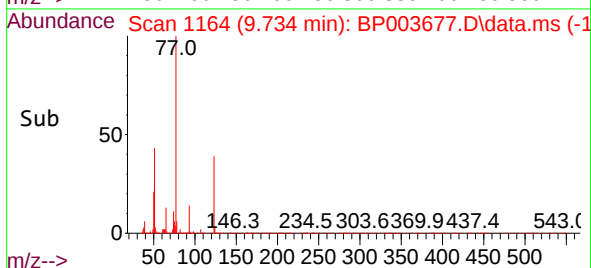
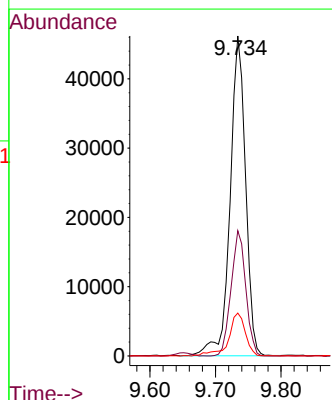
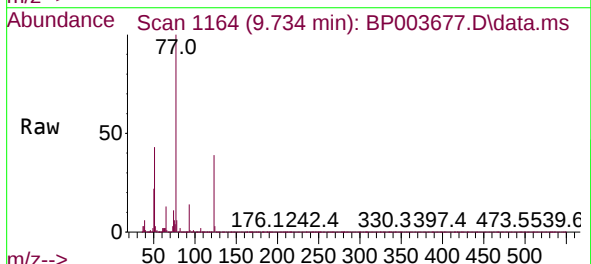
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

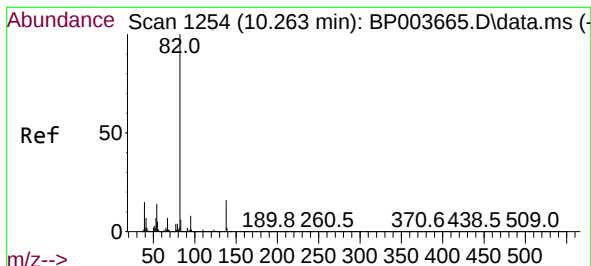
Tgt Ion: 82 Resp: 977397
Ion Ratio Lower Upper
82 100
128 36.4 45.6 68.4#
54 46.1 30.1 45.1#



#24
Nitrobenzene
Concen: 8.00 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 77 Resp: 75715
Ion Ratio Lower Upper
77 100
123 39.2 48.6 72.8#
65 13.4 10.0 15.0

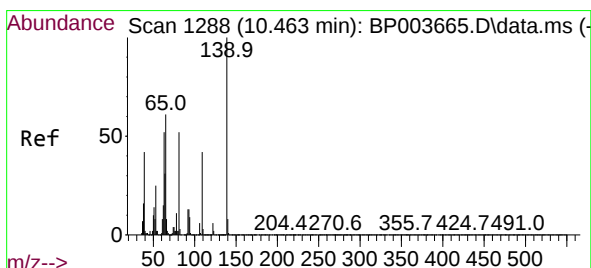
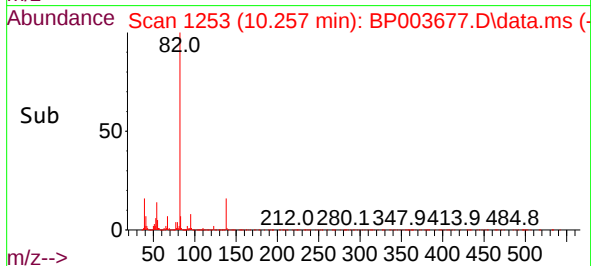
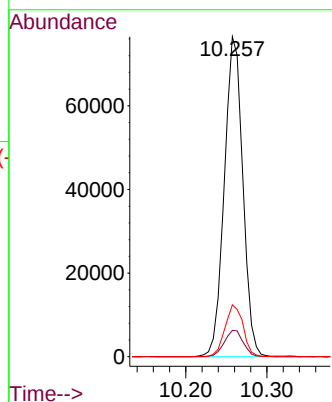
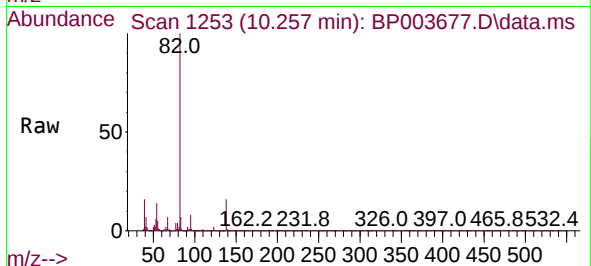




#25
Isophorone
Concen: 7.66 ng
RT: 10.257 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

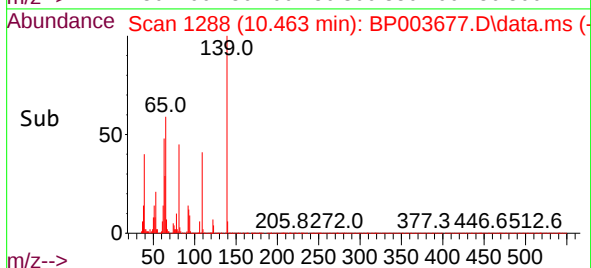
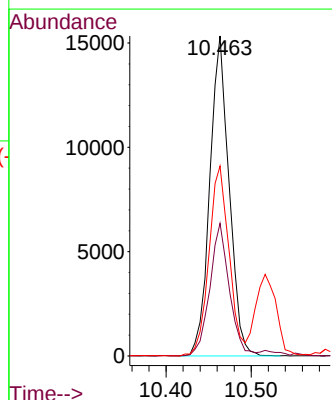
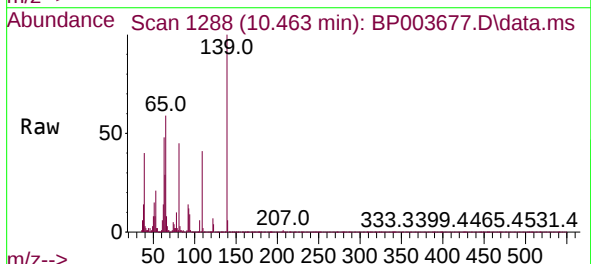
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

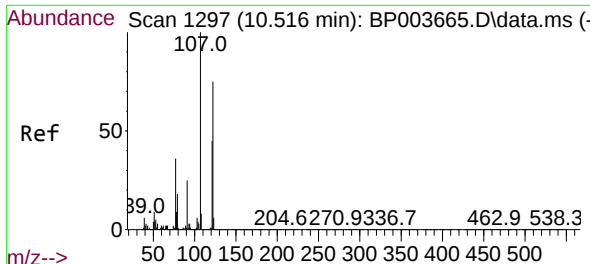
Tgt Ion: 82 Resp: 121346
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 16.2 18.7 28.1#



#26
2-Nitrophenol
Concen: 6.82 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 139 Resp: 24127
Ion Ratio Lower Upper
139 100
109 41.5 22.1 33.1#
65 59.3 26.5 39.7#

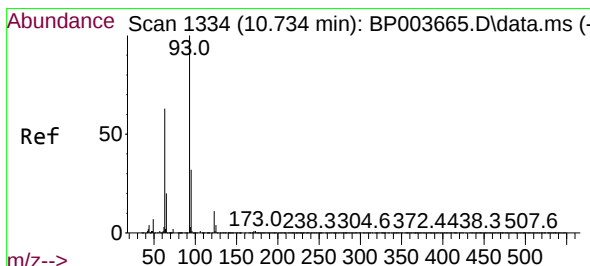
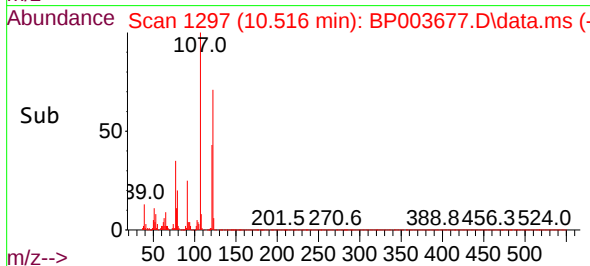
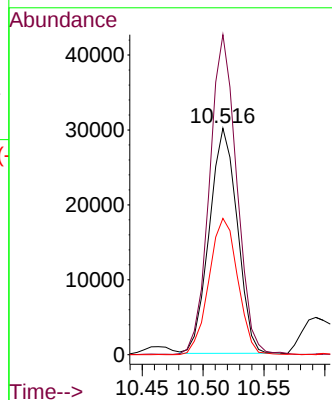
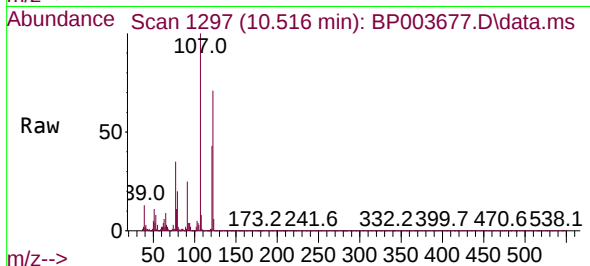




#27
2,4-Dimethylphenol
Concen: 8.64 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

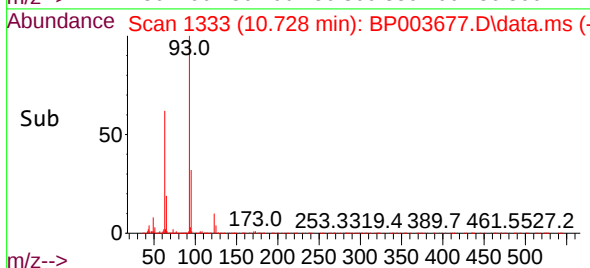
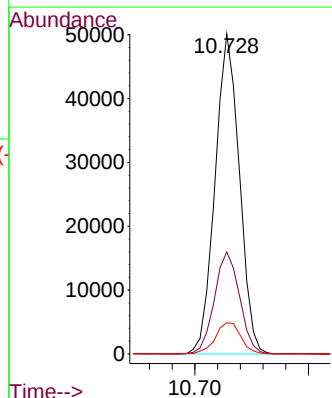
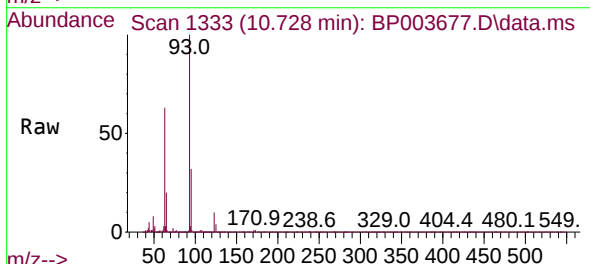
Instrument :
BNA_P
ClientSampleId :
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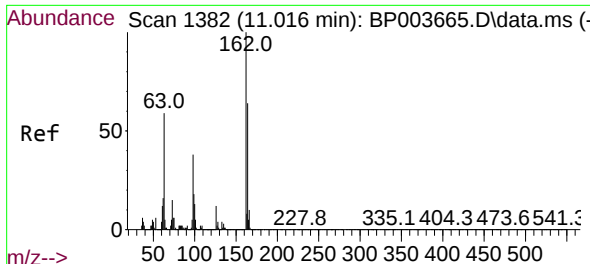
Tgt Ion:	122	Resp:	47968
Ion	Ratio	Lower	Upper
122	100		
107	141.4	87.3	130.9#
121	60.2	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 7.37 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	93	Resp:	74434
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.7	40.1
123	9.7	10.5	15.7#

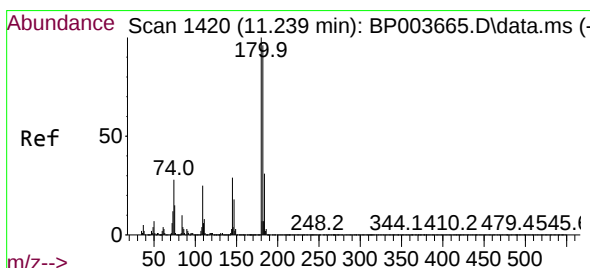
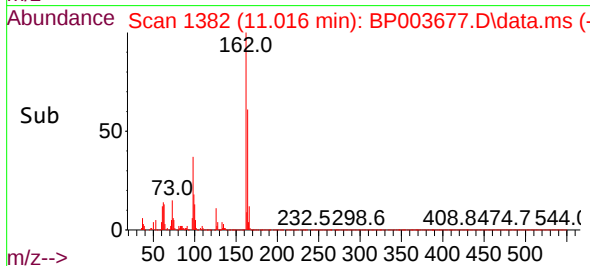
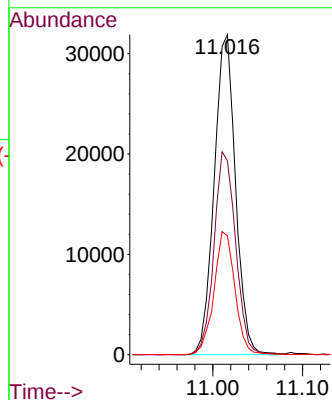
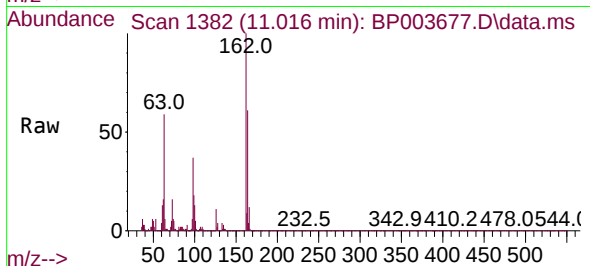




#29
2,4-Dichlorophenol
Concen: 7.24 ng
RT: 11.016 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

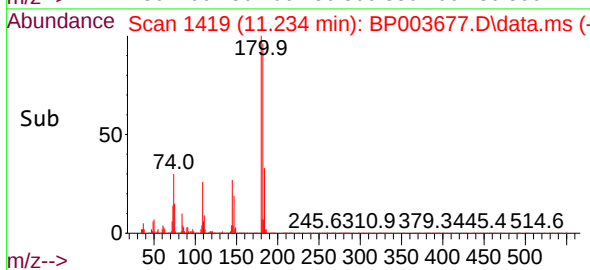
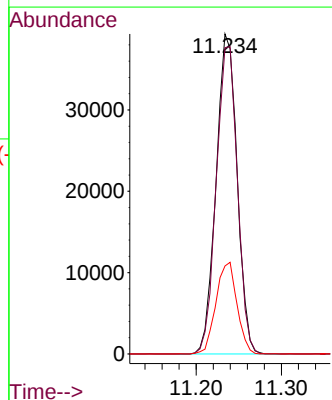
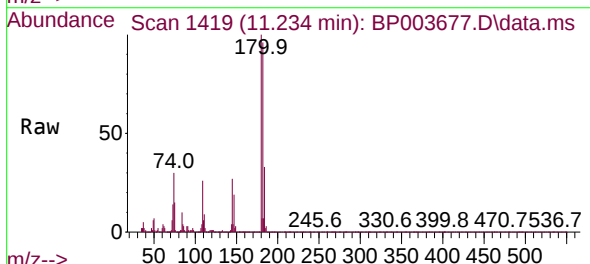
Instrument :
BNA_P
ClientSampleId :
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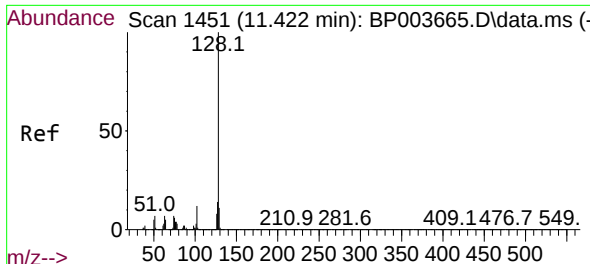
Tgt Ion:162 Resp: 52761
Ion Ratio Lower Upper
162 100
164 60.7 45.8 85.8
98 37.1 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 7.22 ng
RT: 11.234 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:180 Resp: 67384
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 27.5 23.8 35.8

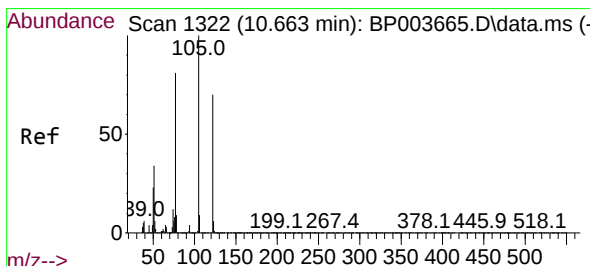
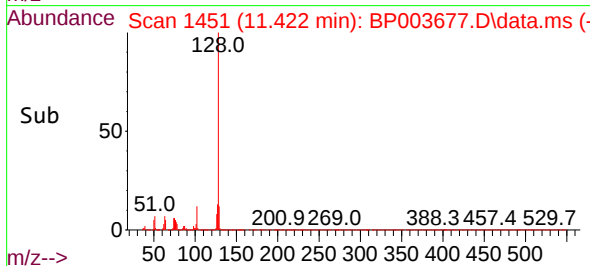
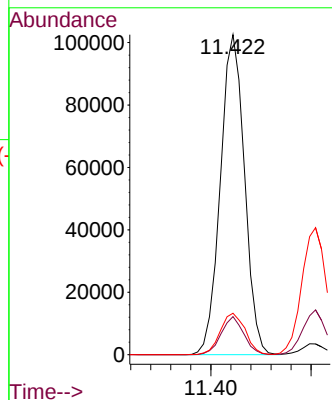
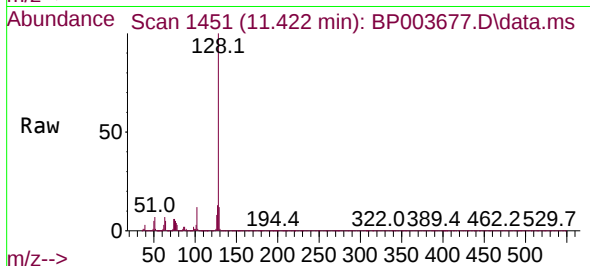




#31
Naphthalene
Concen: 7.64 ng
RT: 11.422 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

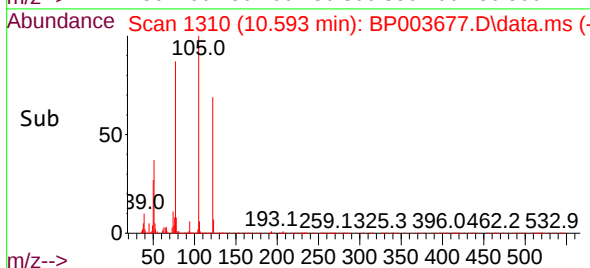
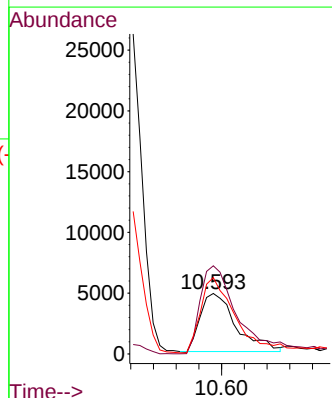
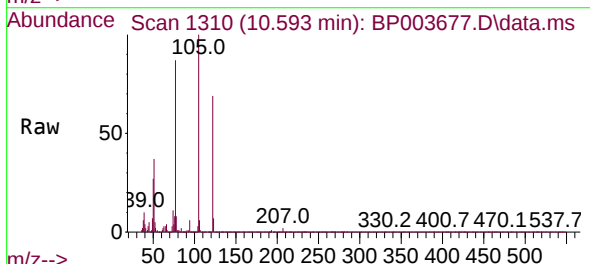
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

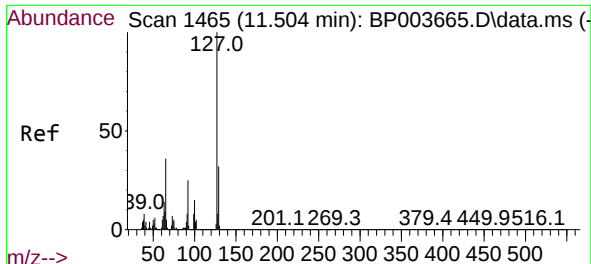
Tgt Ion:128 Resp: 171307
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 3.19 ng
RT: 10.593 min Scan# 1310
Delta R.T. -0.070 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:122 Resp: 10504
Ion Ratio Lower Upper
122 100
105 145.7 94.1 134.1#
77 126.2 50.1 90.1#

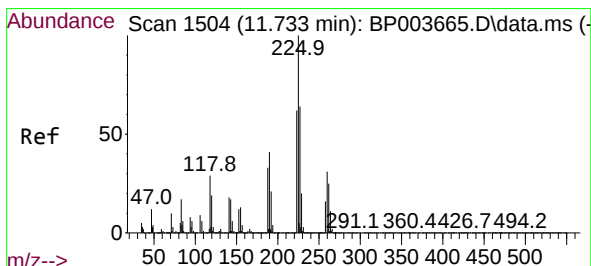
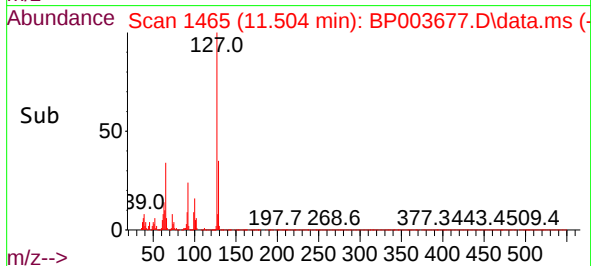
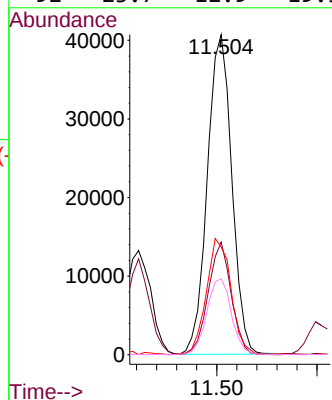
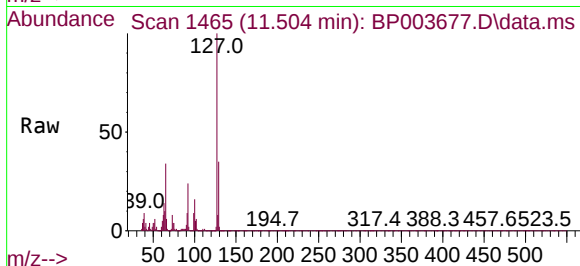




#33
4-Chloroaniline
Concen: 7.46 ng
RT: 11.504 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

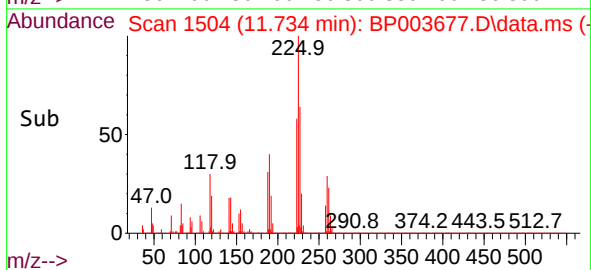
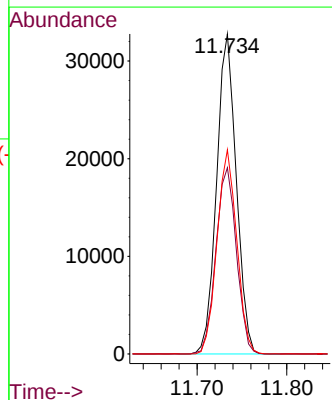
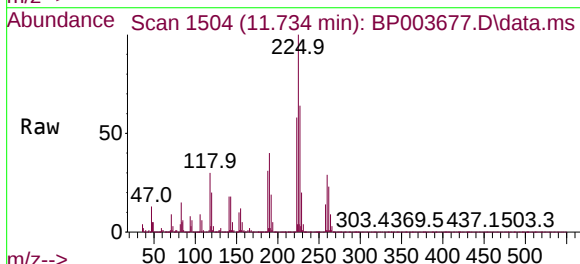
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

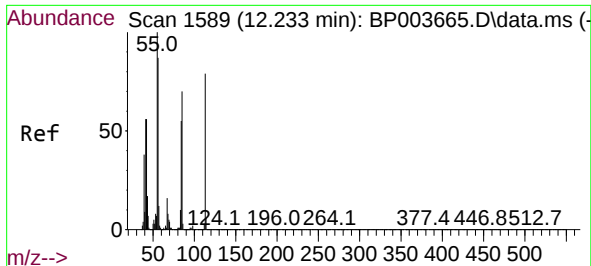
Tgt Ion:	127	Resp:	68961
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.7	38.5
65	33.6	17.3	25.9#
92	23.7	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 7.08 ng
RT: 11.734 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	225	Resp:	49891
Ion	Ratio	Lower	Upper
225	100		
223	58.2	50.1	75.1
227	63.8	51.4	77.2

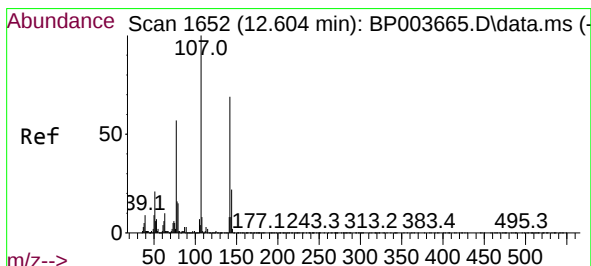
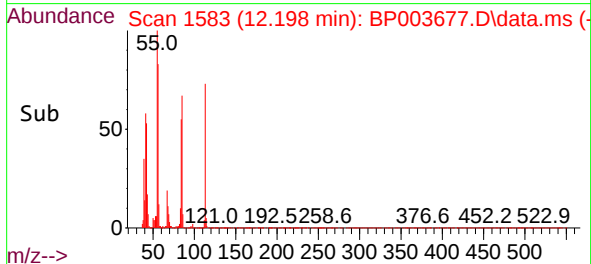
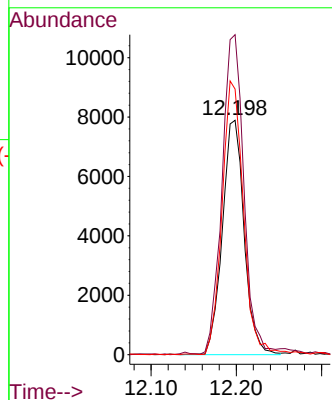
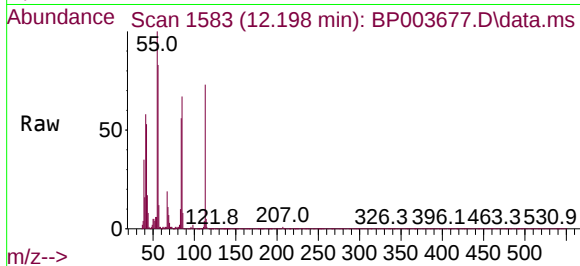




#35
Caprolactam
Concen: 6.55 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

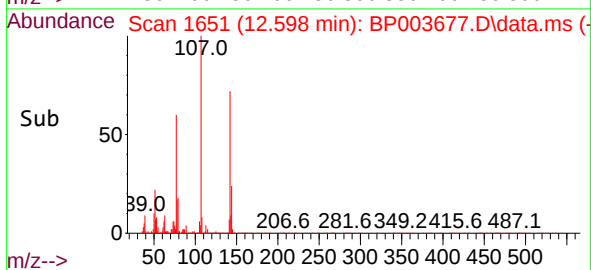
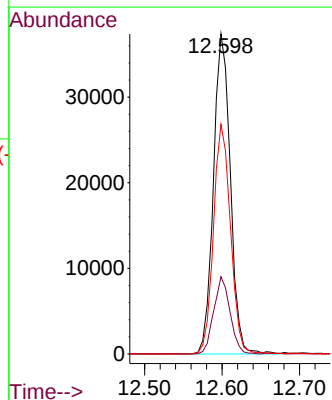
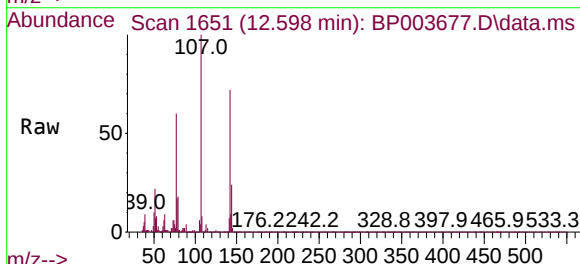
Instrument :
BNA_P
ClientSampleId :
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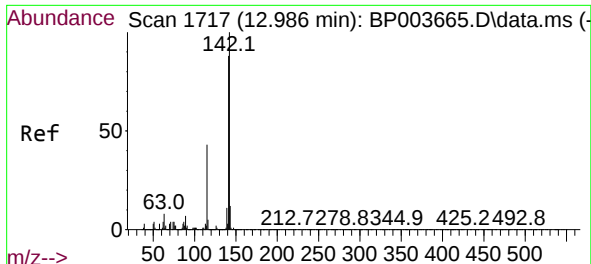
Tgt Ion:113 Resp: 13971
Ion Ratio Lower Upper
113 100
55 136.5 77.3 117.3#
56 113.3 55.9 95.9#



#36
4-Chloro-3-methylphenol
Concen: 7.17 ng
RT: 12.598 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:107 Resp: 56677
Ion Ratio Lower Upper
107 100
144 24.2 22.7 34.1
142 71.7 70.7 106.1

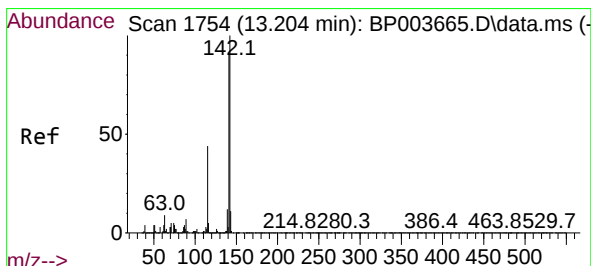
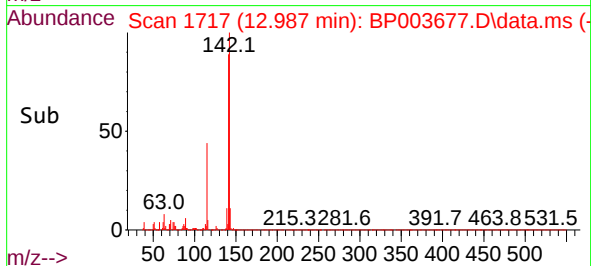
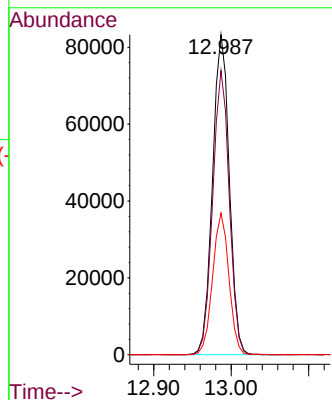
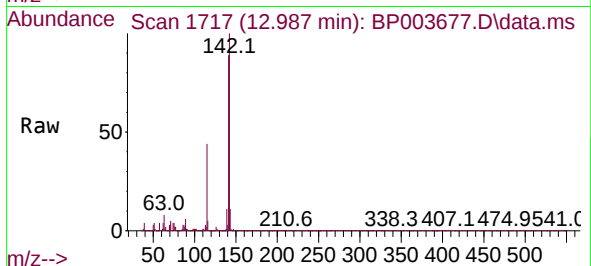




#37
2-Methylnaphthalene
Concen: 7.70 ng
RT: 12.987 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

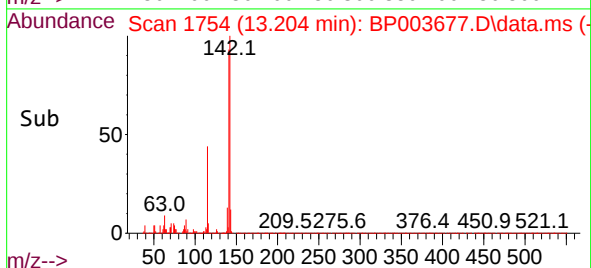
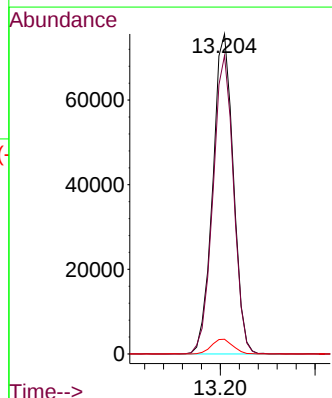
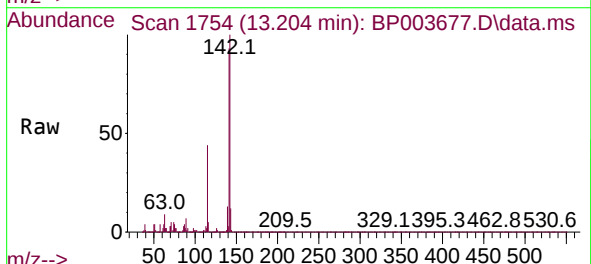
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

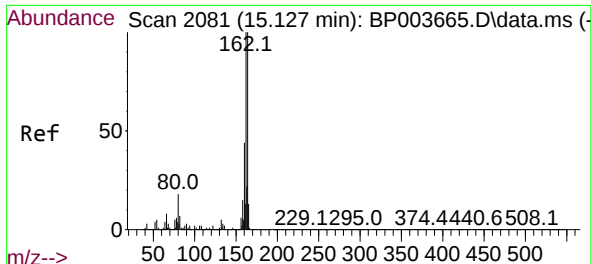
Tgt Ion:142 Resp: 125199
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 44.2 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 7.41 ng
RT: 13.204 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:142 Resp: 113941
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6
116 4.6 2.9 4.3#

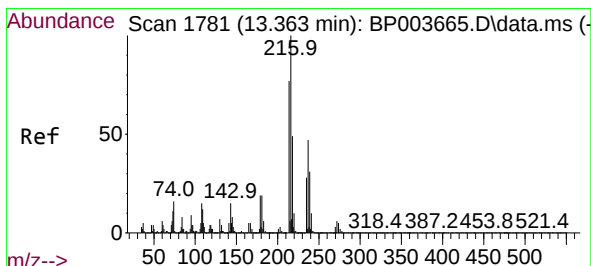
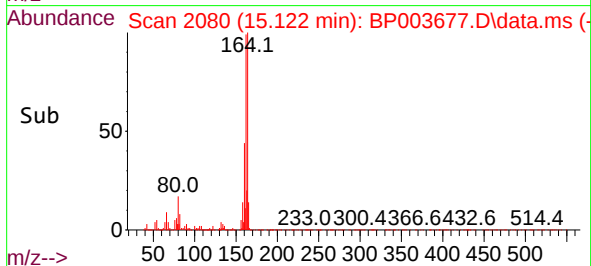
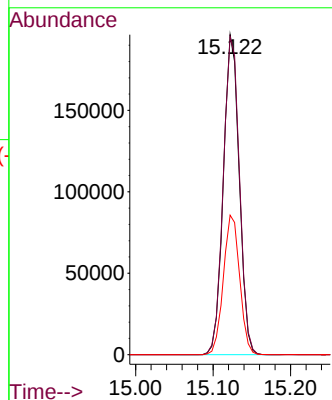
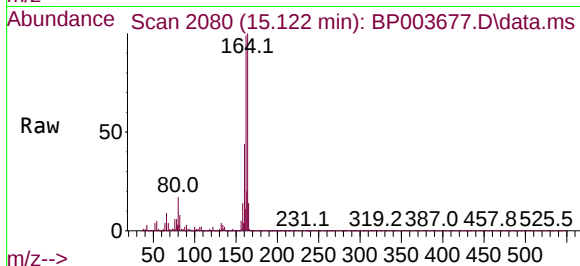




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

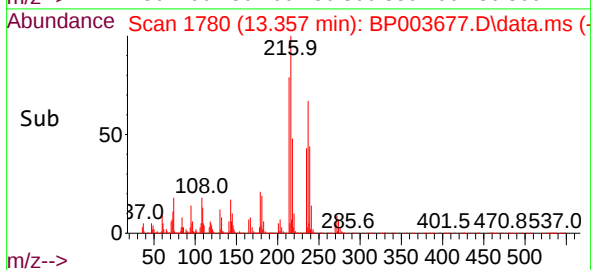
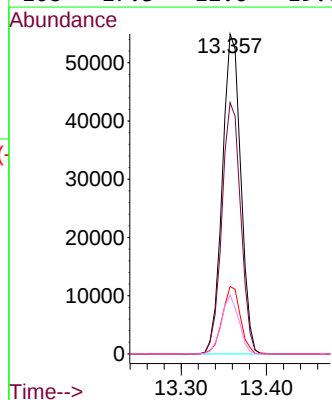
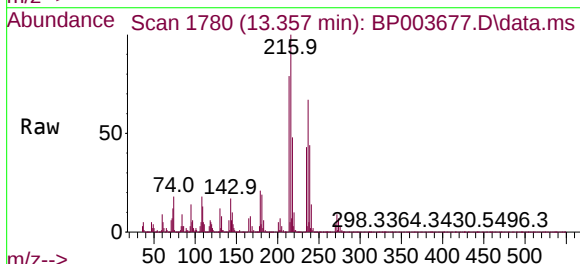
Instrument :
BNA_P
ClientSampleId :
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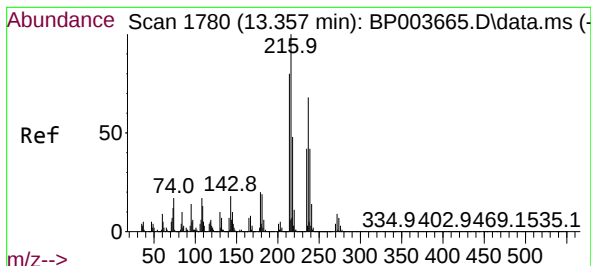
Tgt Ion:164 Resp: 279294
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 43.6 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.48 ng
RT: 13.357 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:216 Resp: 82698
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.6
179 20.7 16.9 25.3
108 17.3 12.6 19.0

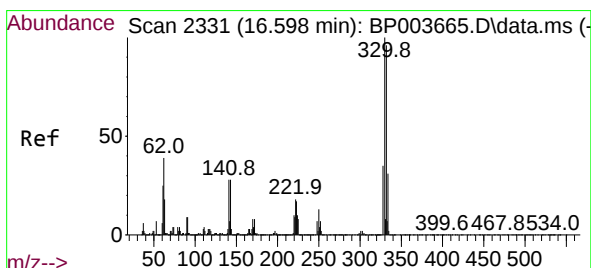
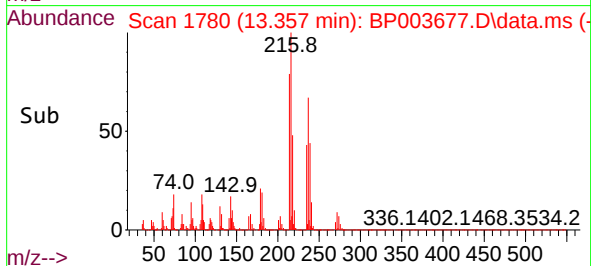
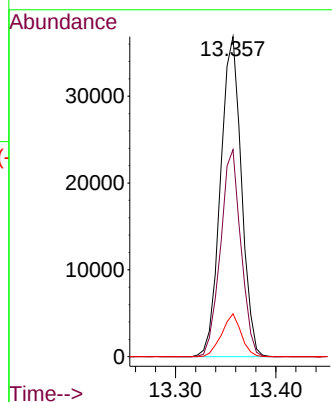
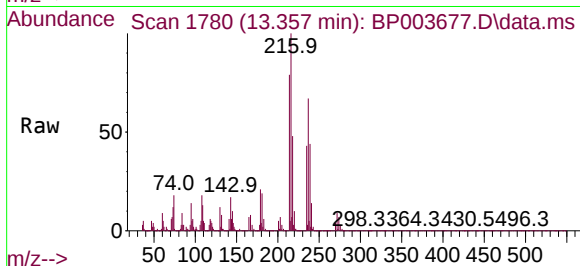




#41
Hexachlorocyclopentadiene
Concen: 8.30 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

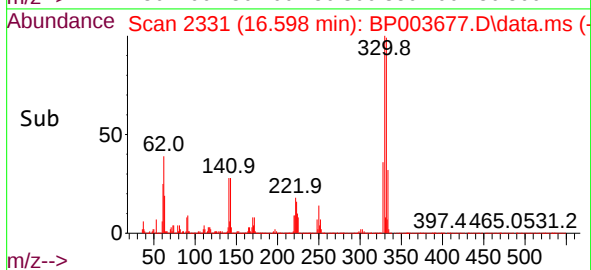
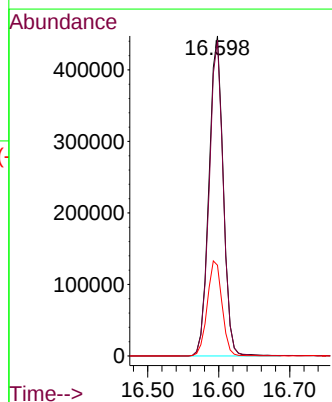
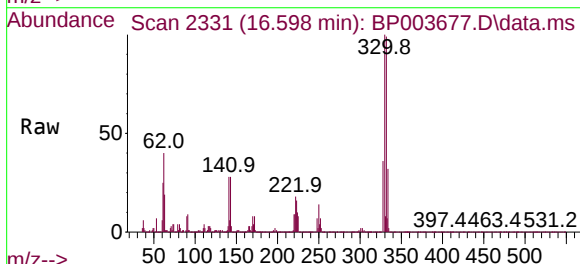
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

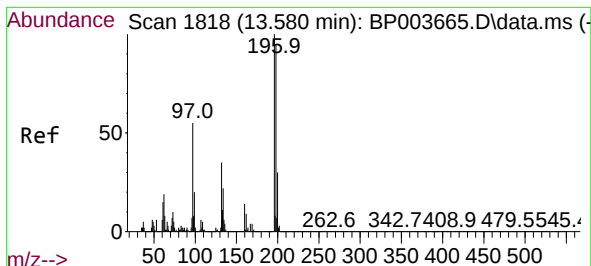
Tgt Ion:	237	Resp:	53165
Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.2	83.2
272	13.4	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 143.19 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	330	Resp:	623929
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	30.8	23.4	35.2

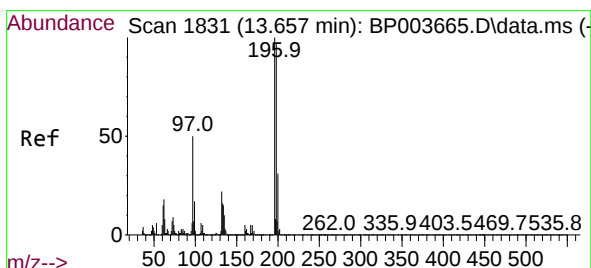
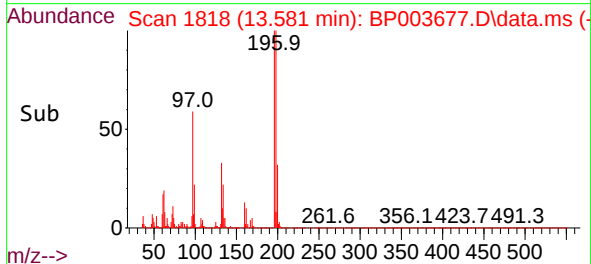
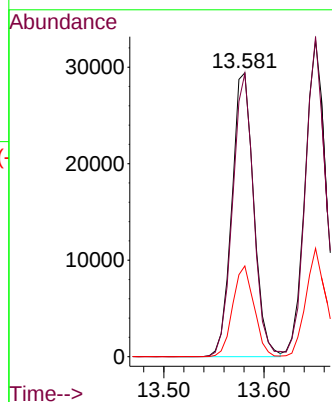
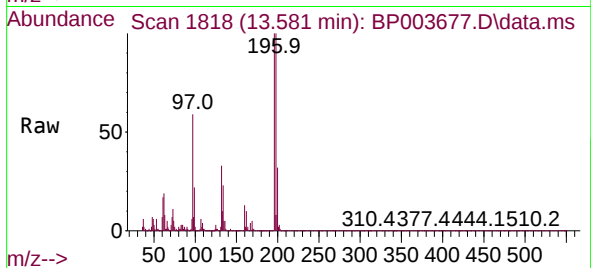




#43
2,4,6-Trichlorophenol
Concen: 6.78 ng
RT: 13.581 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

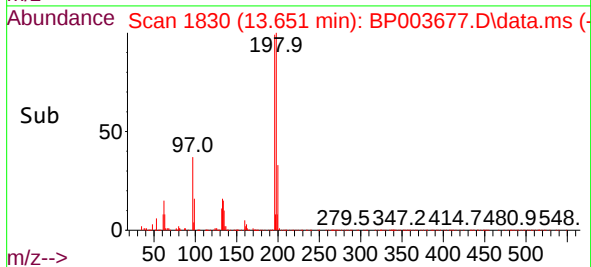
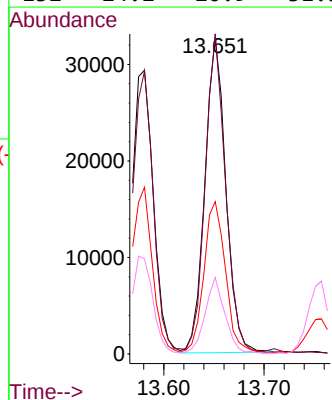
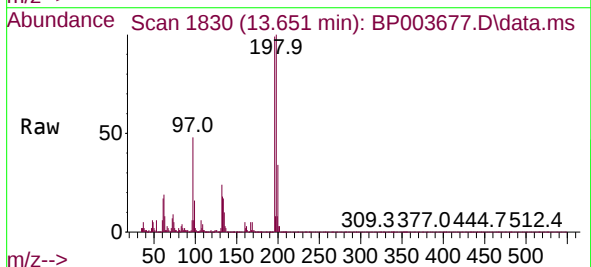
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

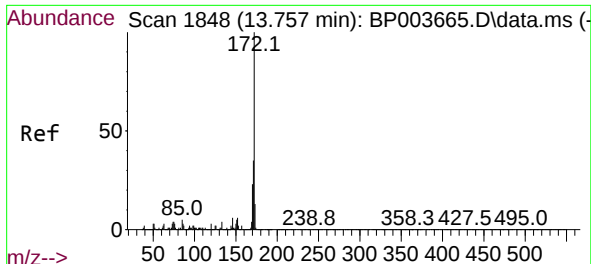
Tgt Ion:196 Resp: 44641
Ion Ratio Lower Upper
196 100
198 99.8 77.0 115.6
200 31.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 6.98 ng
RT: 13.651 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:196 Resp: 47700
Ion Ratio Lower Upper
196 100
198 101.1 77.3 115.9
97 48.1 31.0 46.4#
132 24.2 20.9 31.3



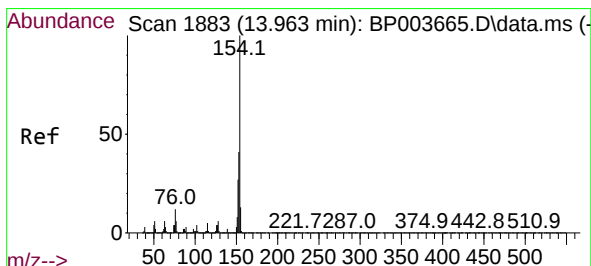
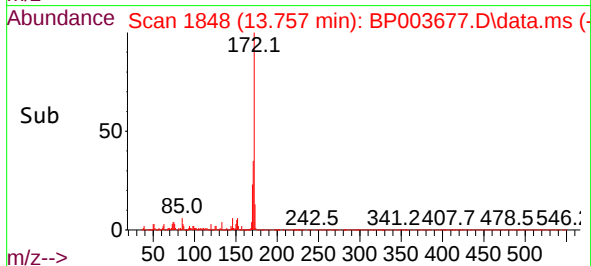
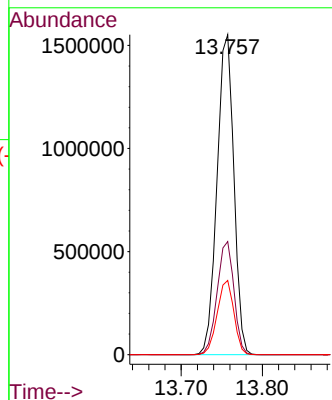
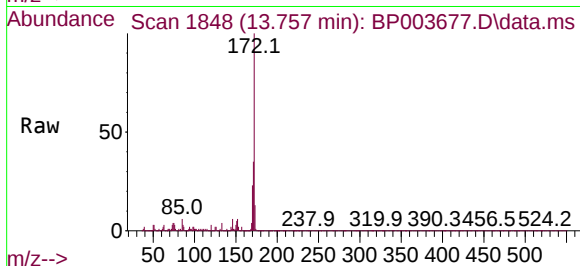


#45
2-Fluorobiphenyl
Concen: 103.42 ng
RT: 13.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Tgt Ion:172 Resp: 2234390

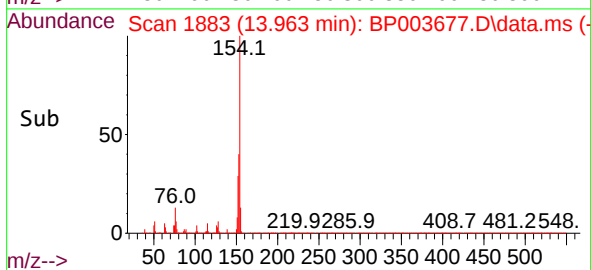
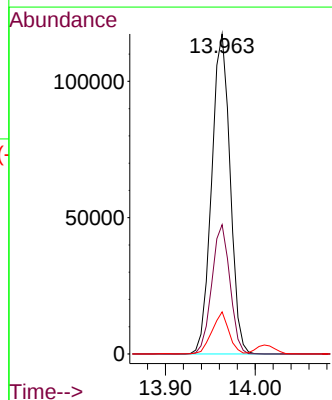
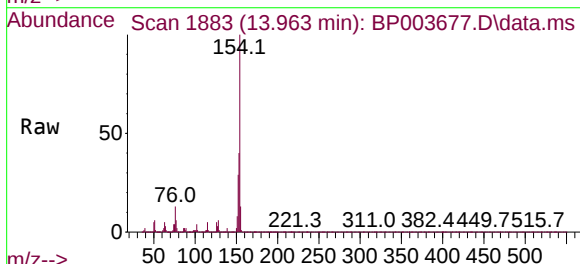
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	19.2	28.8

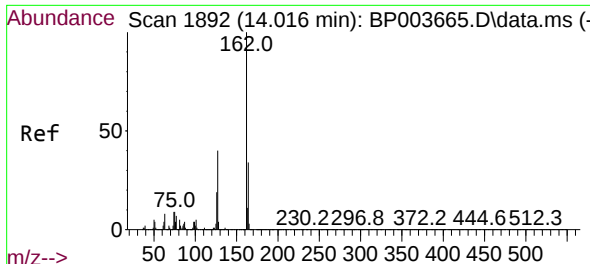


#46
1,1'-Biphenyl
Concen: 7.69 ng
RT: 13.963 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:154 Resp: 167426

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	13.1	0.0	29.3

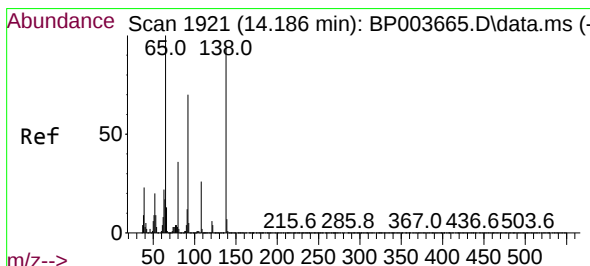
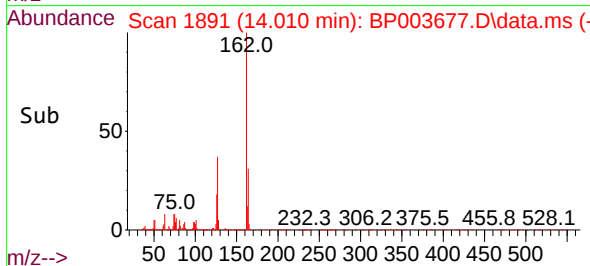
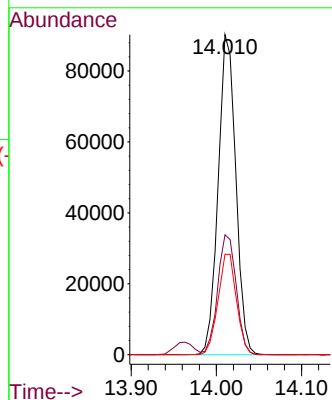
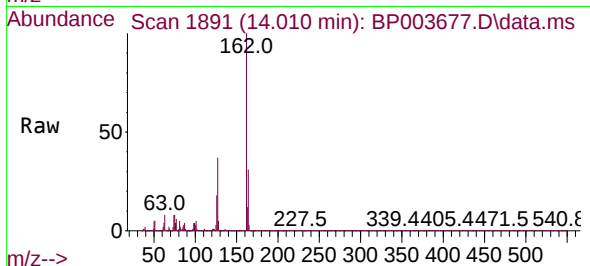




#47
2-Chloronaphthalene
Concen: 7.13 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

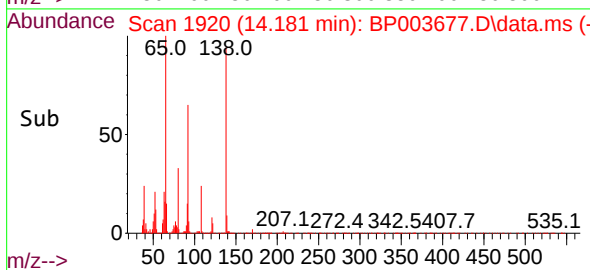
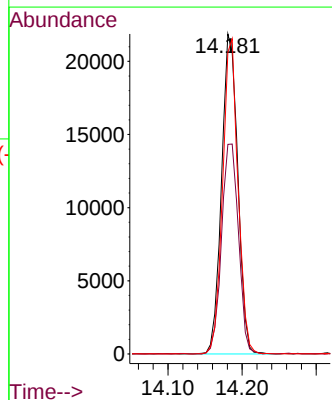
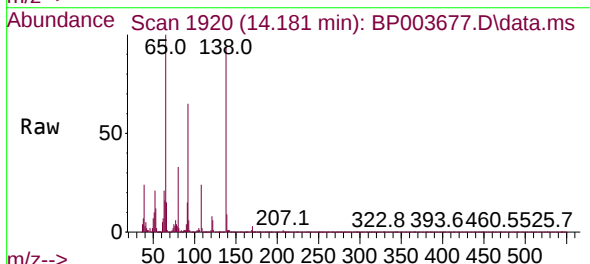
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

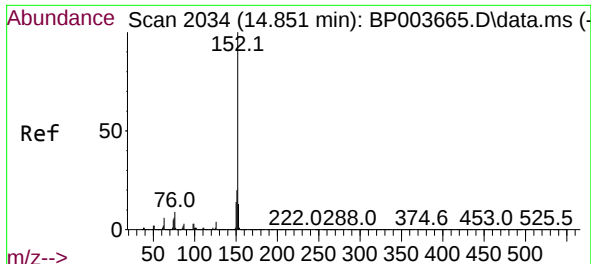
Tgt Ion:162 Resp: 129803
Ion Ratio Lower Upper
162 100
127 37.4 29.9 44.9
164 31.4 26.1 39.1



#48
2-Nitroaniline
Concen: 6.18 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion: 65 Resp: 33230
Ion Ratio Lower Upper
65 100
92 65.5 70.6 106.0#
138 94.3 133.6 200.4#

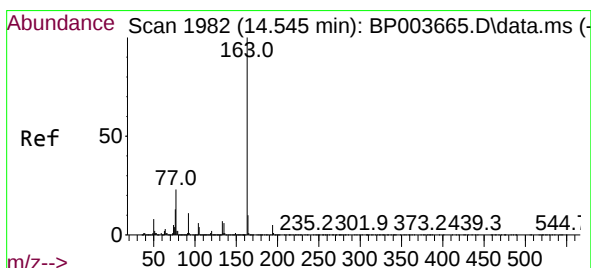
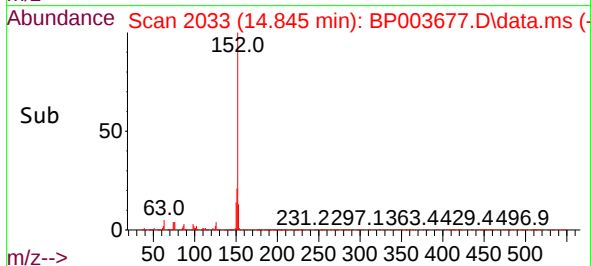
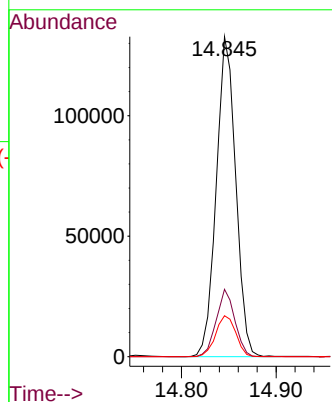
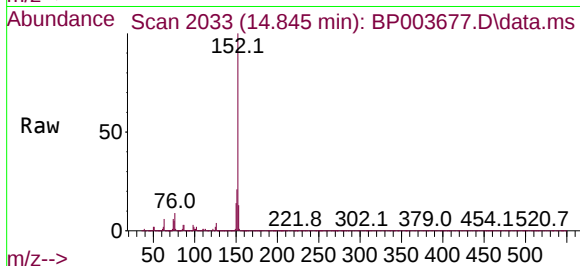




#49
Acenaphthylene
Concen: 7.30 ng
RT: 14.845 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

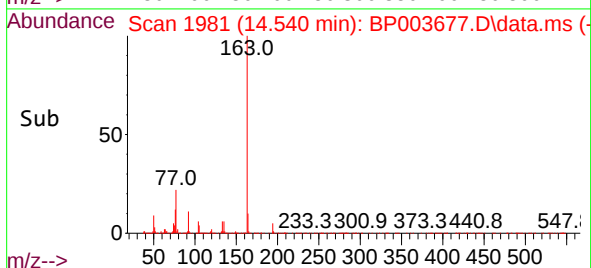
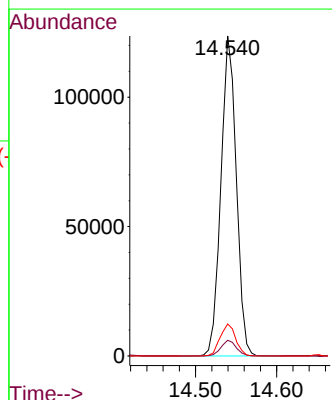
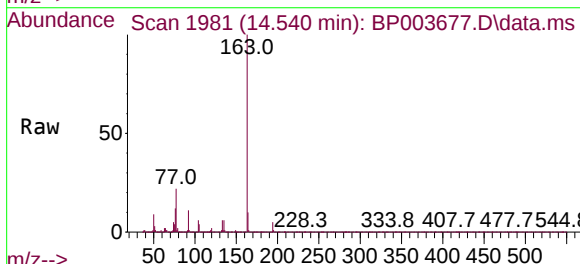
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Tgt Ion:152 Resp: 189851
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 7.11 ng
RT: 14.540 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:163 Resp: 163232
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 10.0 8.2 12.2

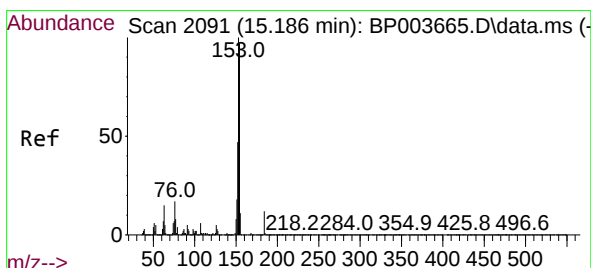
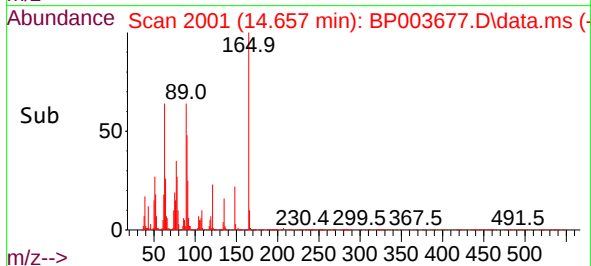
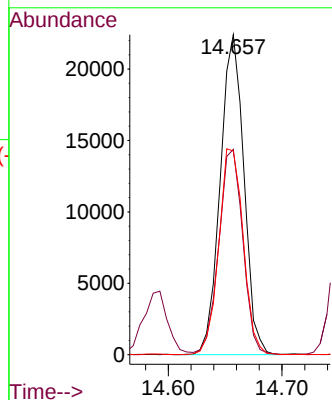
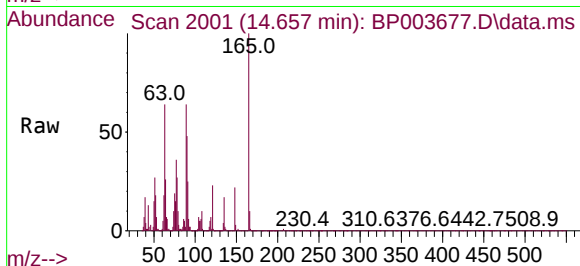




#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 14.657 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

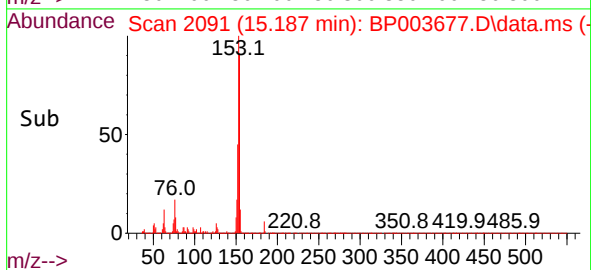
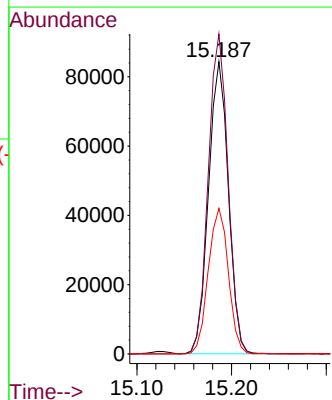
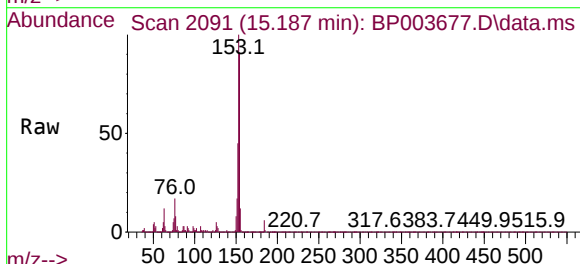
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

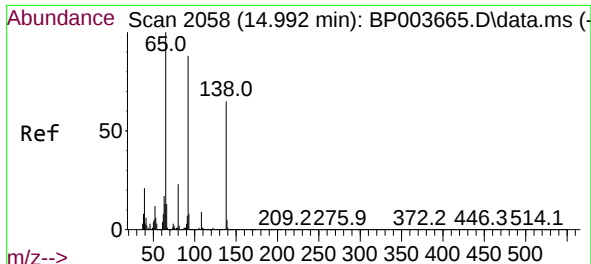
Tgt Ion:165 Resp: 32429
Ion Ratio Lower Upper
165 100
63 64.1 27.8 41.6#
89 63.7 34.6 52.0#



#52
Acenaphthene
Concen: 7.01 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:154 Resp: 123016
Ion Ratio Lower Upper
154 100
153 109.5 91.0 136.6
152 49.8 43.0 64.6

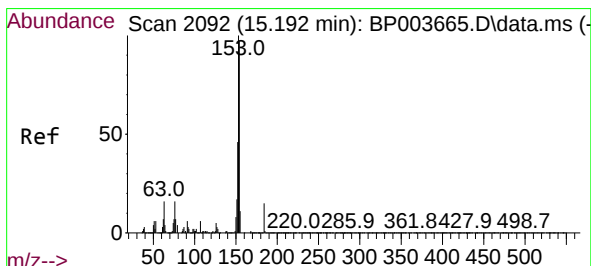
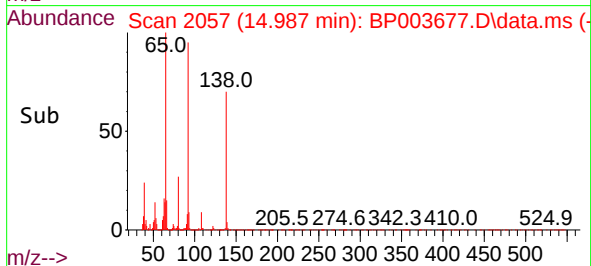
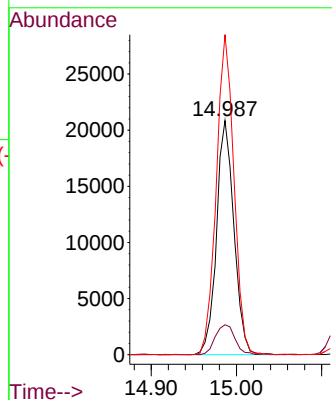
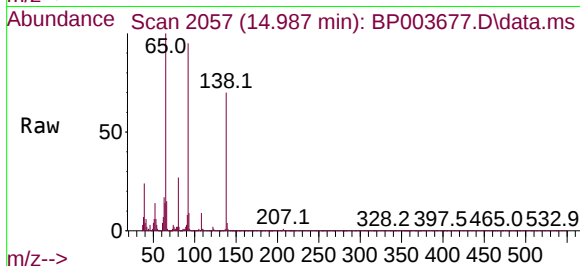




#53
3-Nitroaniline
Concen: 6.47 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

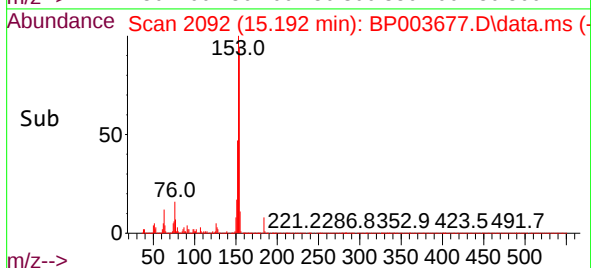
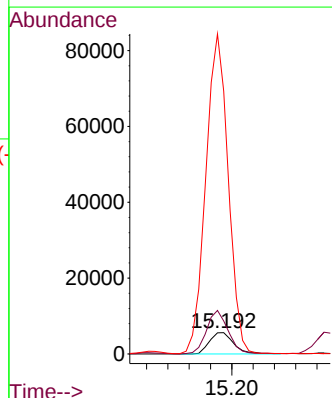
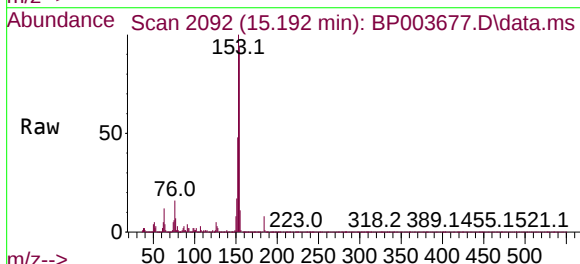
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

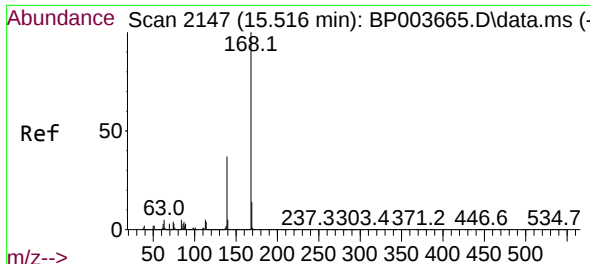
Tgt Ion:138 Resp: 29663
Ion Ratio Lower Upper
138 100
108 12.7 7.5 11.3#
92 136.7 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 4.16 ng
RT: 15.192 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:184 Resp: 8906
Ion Ratio Lower Upper
184 100
63 155.4 32.3 48.5#
154 1235.8 49.1 73.7#

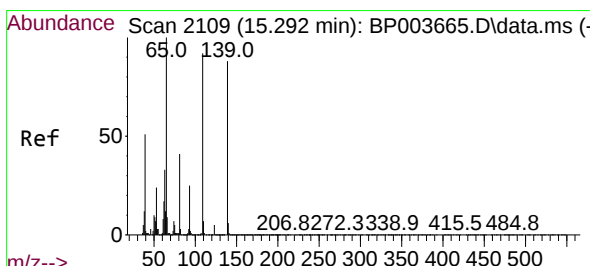
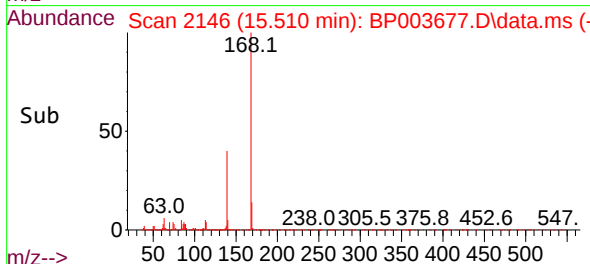
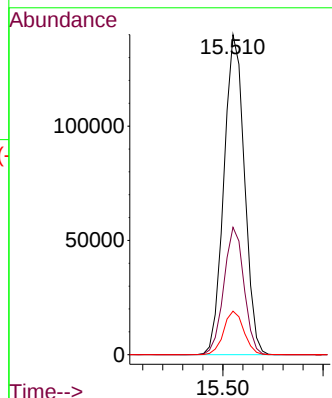
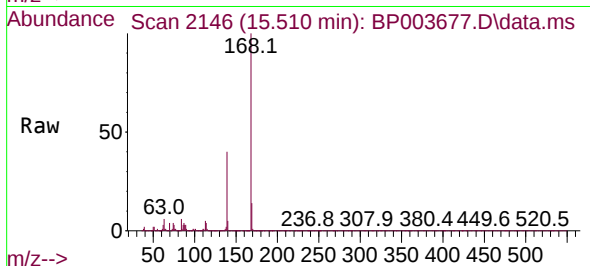




#55
Dibenzofuran
Concen: 7.50 ng
RT: 15.510 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

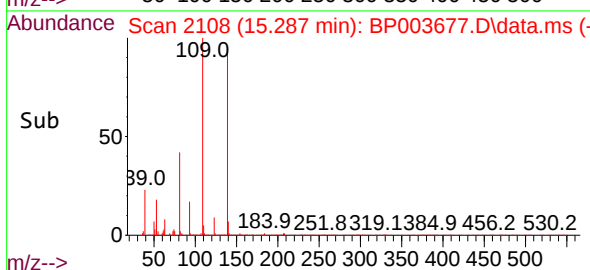
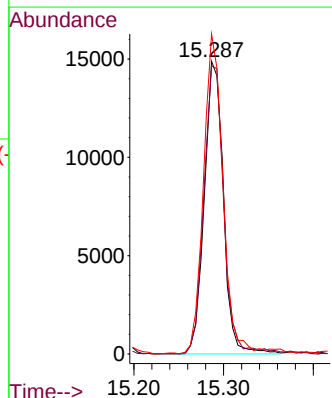
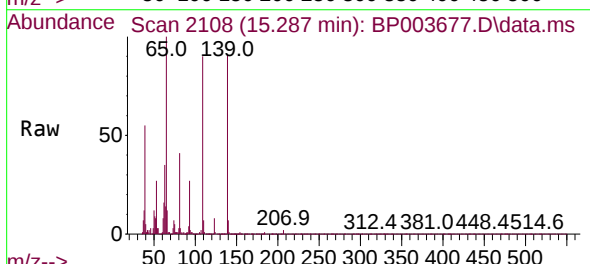
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

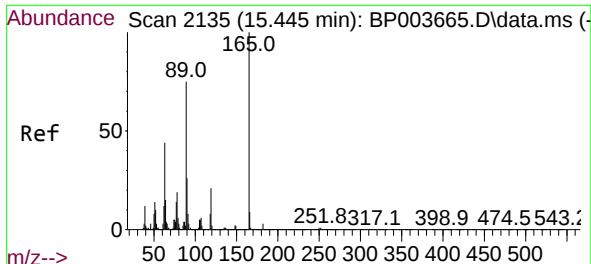
Tgt Ion:168 Resp: 199079
Ion Ratio Lower Upper
168 100
139 39.8 29.1 43.7
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 6.42 ng
RT: 15.287 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:139 Resp: 22008
Ion Ratio Lower Upper
139 100
109 98.5 44.6 84.6#
65 109.4 41.6 81.6#

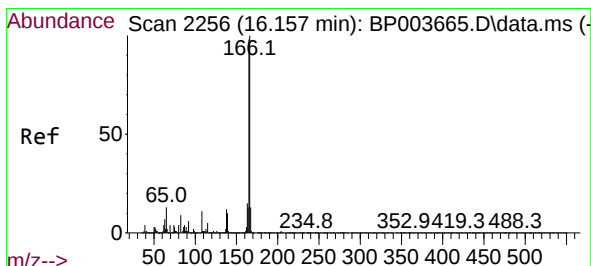
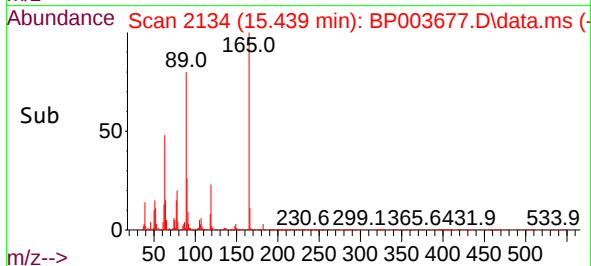
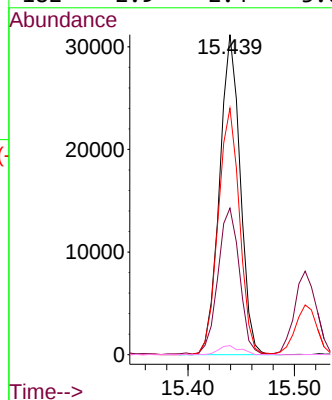
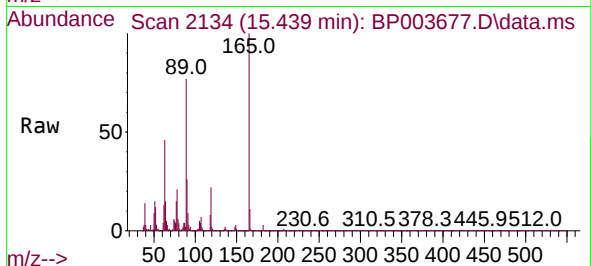




#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

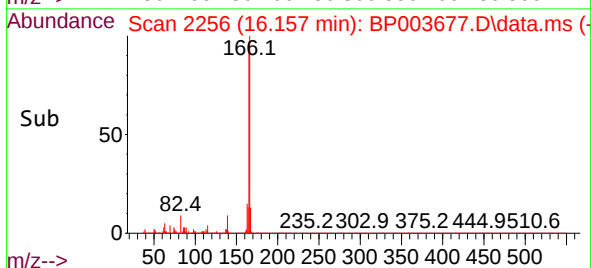
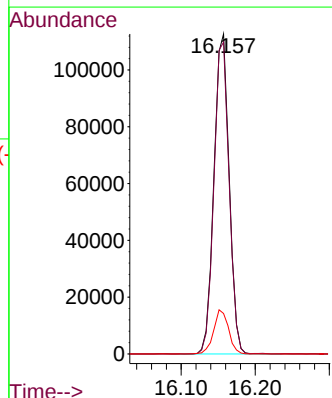
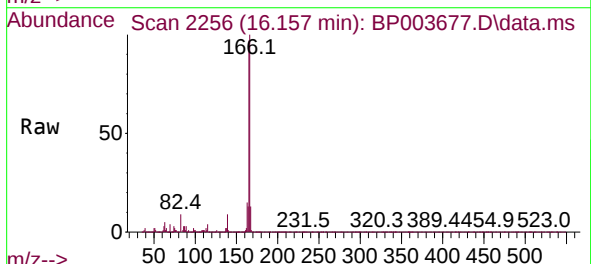
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

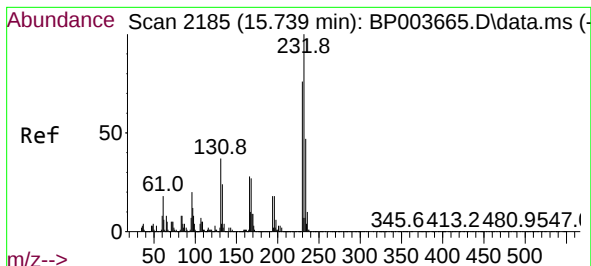
Tgt Ion:165	Resp:	41816
Ion Ratio	Lower	Upper
165	100	
63	45.8	20.6 31.0#
89	77.0	42.6 63.8#
182	2.9	2.4 3.6



#58
Fluorene
Concen: 7.48 ng
RT: 16.157 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:166	Resp:	160083
Ion Ratio	Lower	Upper
166	100	
165	97.5	77.8 116.8
167	12.7	11.0 16.4

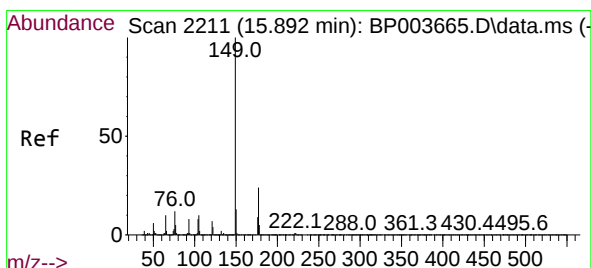
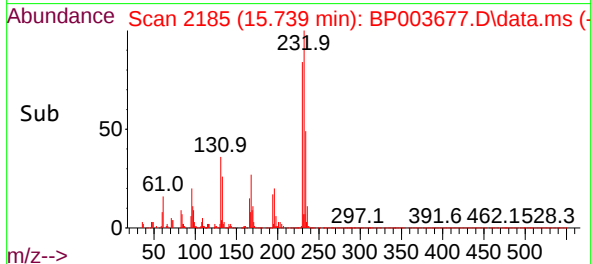
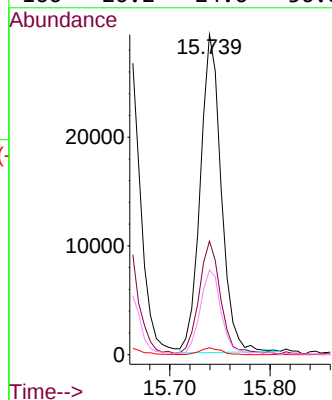
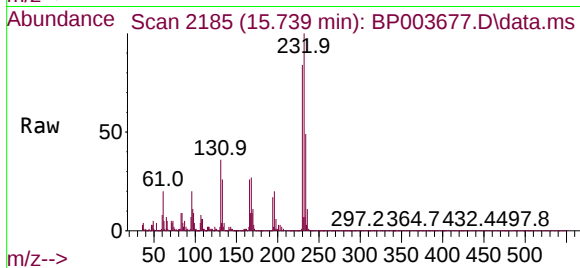




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.49 ng
RT: 15.739 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

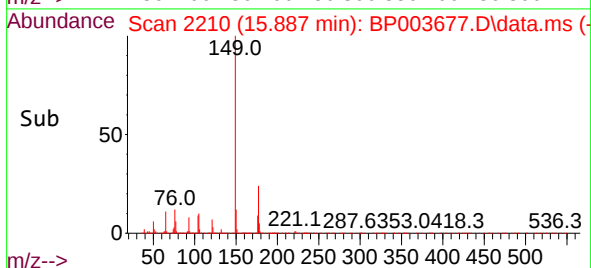
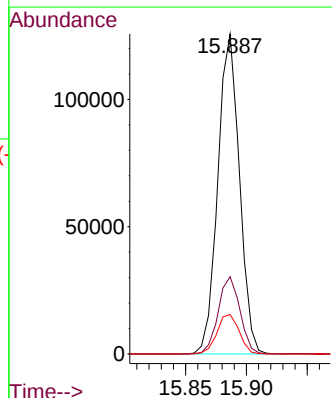
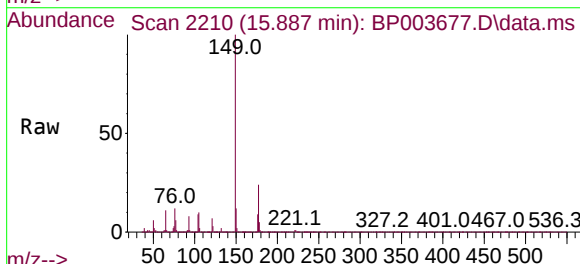
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

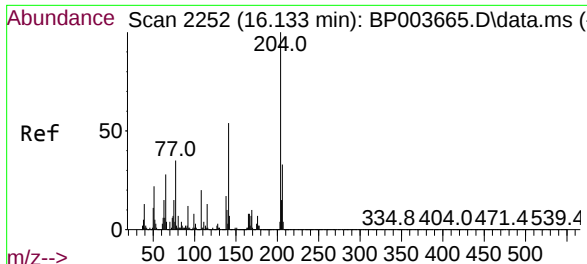
Tgt Ion:	232	Resp:	42552
Ion	Ratio	Lower	Upper
232	100		
131	36.7	34.1	51.1
130	2.2	1.8	2.8
166	26.2	24.6	36.8



#60
Diethylphthalate
Concen: 6.91 ng
RT: 15.887 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	149	Resp:	155388
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.0	27.0
150	12.4	10.0	15.0

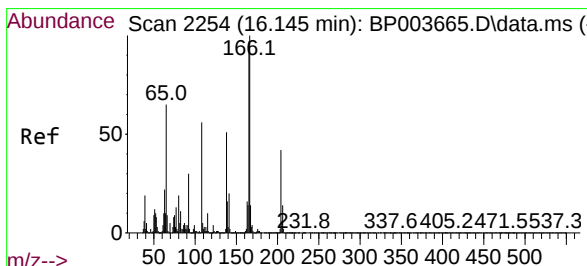
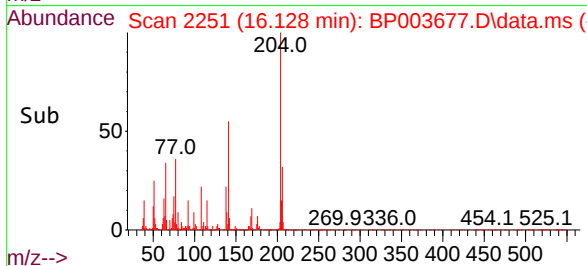
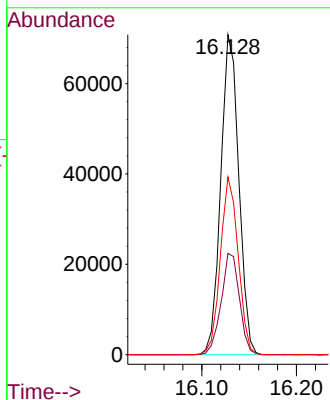
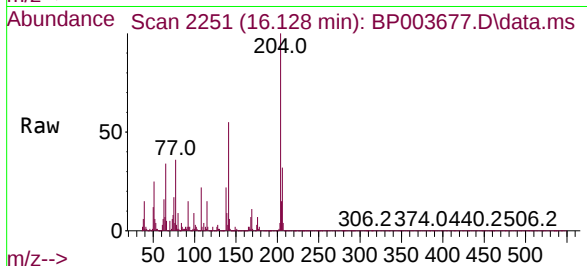




#61
4-Chlorophenyl-phenylether
Concen: 7.24 ng
RT: 16.128 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

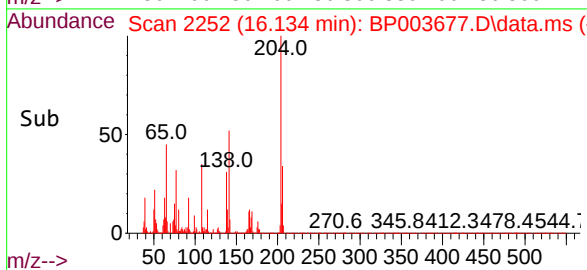
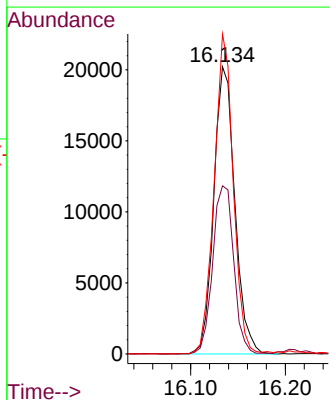
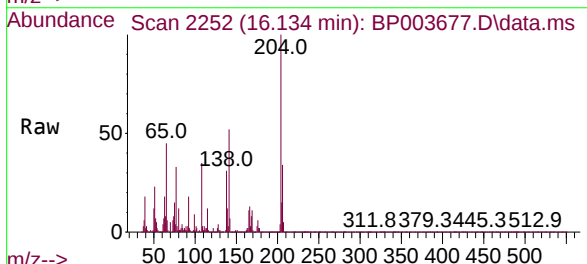
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

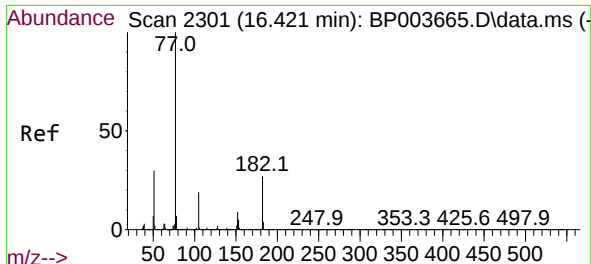
Tgt Ion:	204	Resp:	93756
Ion Ratio	Lower	Upper	
204	100		
206	31.6	25.9	38.9
141	55.5	46.5	69.7



#62
4-Nitroaniline
Concen: 6.13 ng
RT: 16.134 min Scan# 2252
Delta R.T. -0.011 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:	138	Resp:	31177
Ion Ratio	Lower	Upper	
138	100		
92	58.5	20.7	60.7
108	111.4	47.8	87.8#

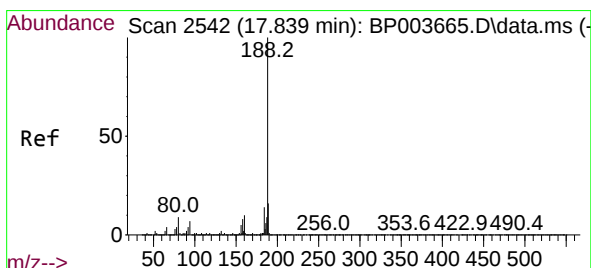
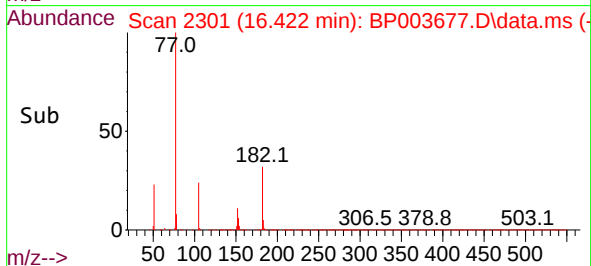
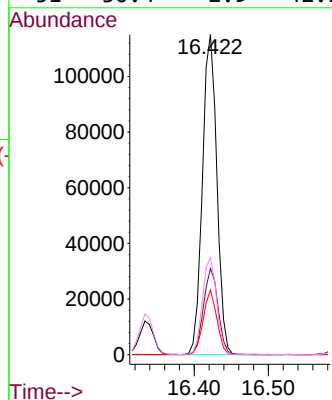
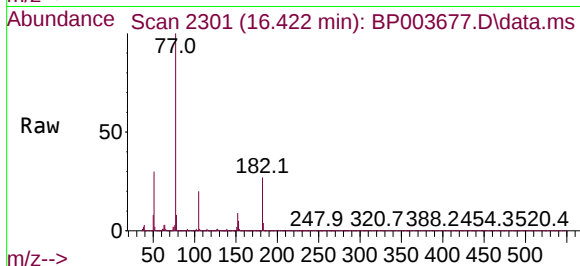




#63
Azobenzene
Concen: 7.37 ng
RT: 16.422 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

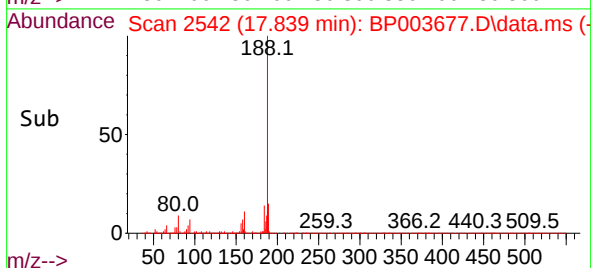
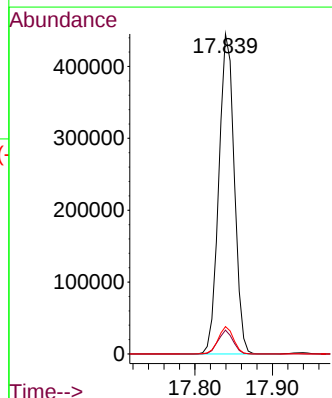
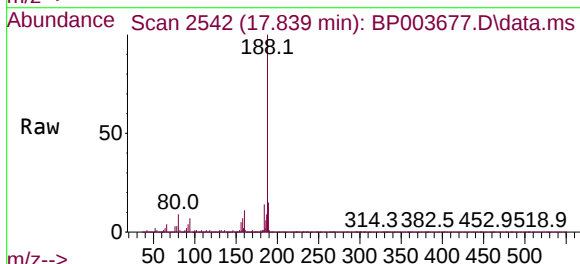
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

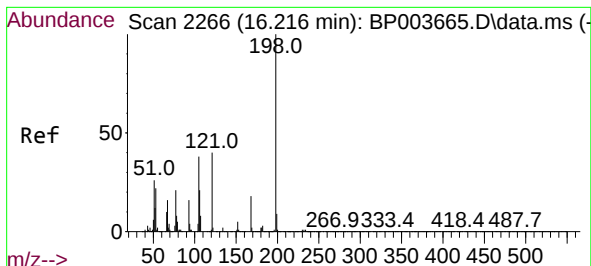
Tgt Ion: 77	Resp: 155727
Ion Ratio	Lower Upper
77 100	
182 26.9	16.9 56.9
105 20.3	5.6 45.6
51 30.4	2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:188	Resp: 616875
Ion Ratio	Lower Upper
188 100	
94 7.5	6.2 9.2
80 8.5	6.2 9.2

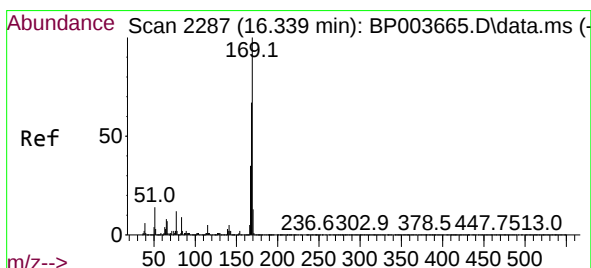
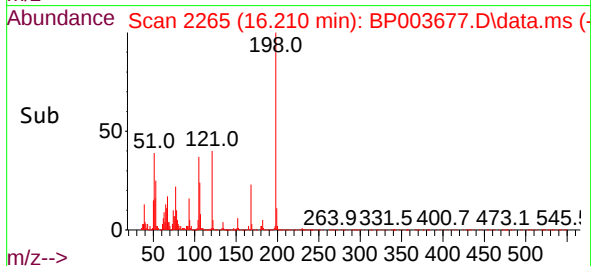
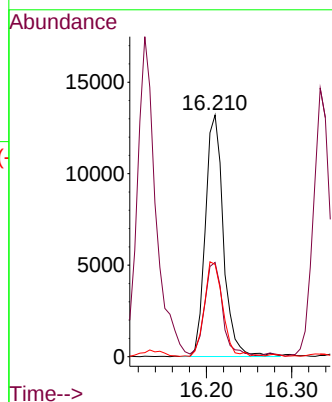
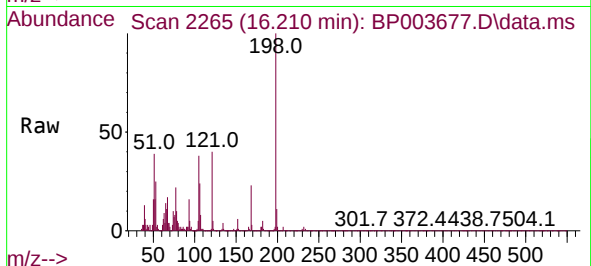




#65
4,6-Dinitro-2-methylphenol
Concen: 5.98 ng
RT: 16.210 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

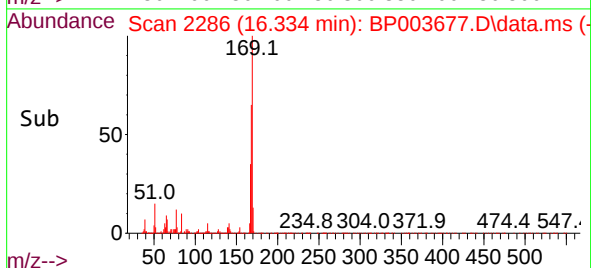
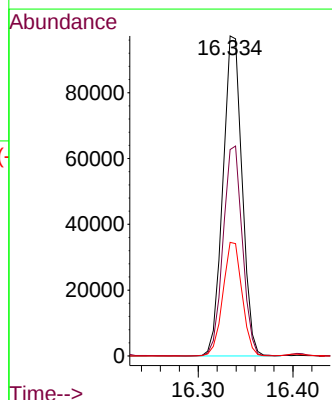
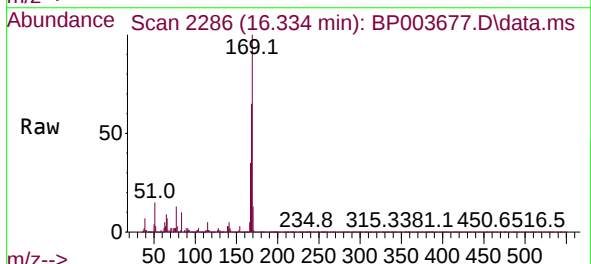
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

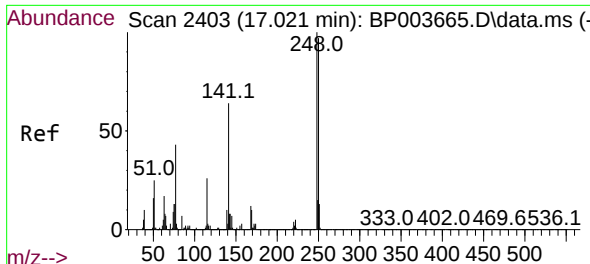
Tgt Ion:198	Resp:	19438
Ion Ratio	Lower	Upper
198	100	
51	39.0	6.4 46.4
105	38.2	18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 7.46 ng
RT: 16.334 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:169	Resp:	137080
Ion Ratio	Lower	Upper
169	100	
168	64.5	53.8 80.6
167	35.5	28.9 43.3

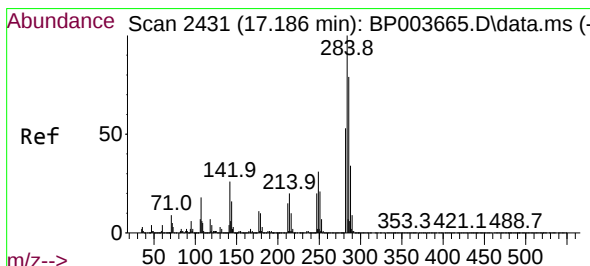
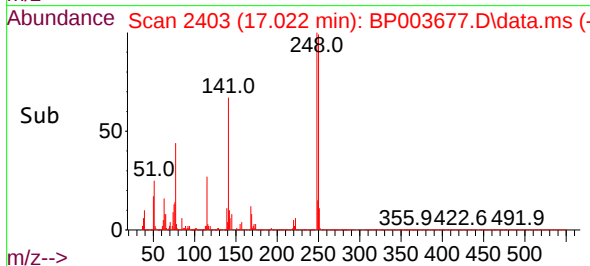
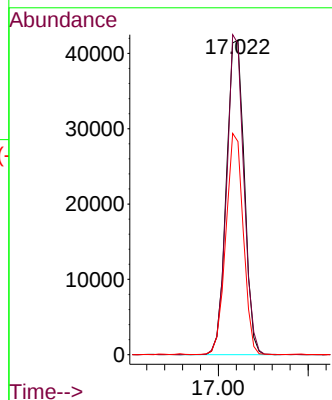
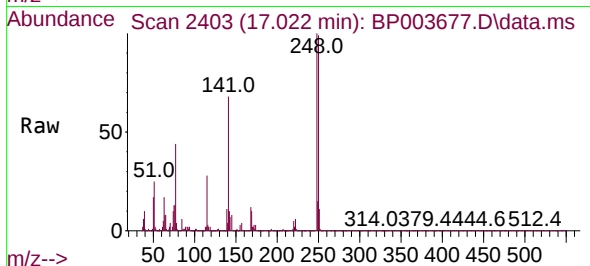




#67
4-Bromophenyl-phenylether
Concen: 6.99 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

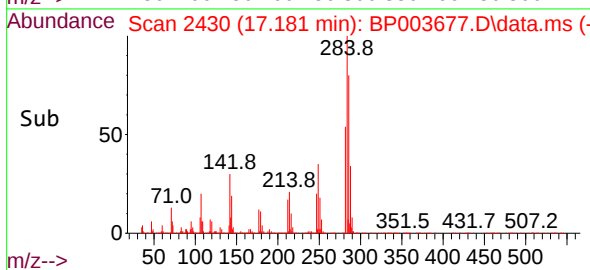
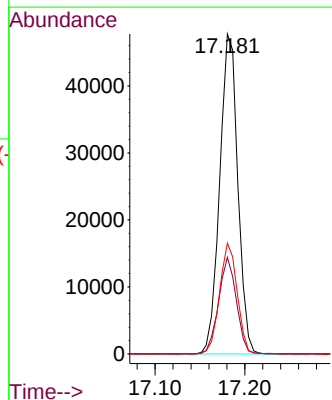
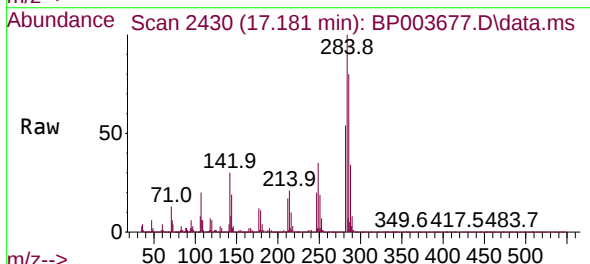
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

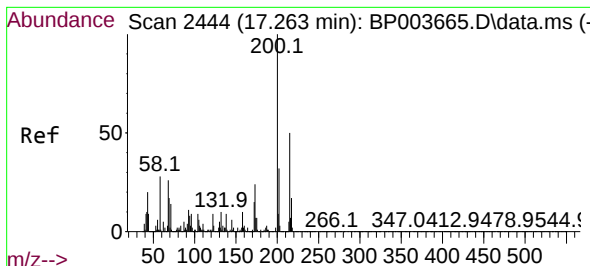
Tgt Ion:248	Resp:	57694
Ion Ratio	Lower	Upper
248	100	
250	99.0	76.7 115.1
141	67.8	53.0 79.6



#68
Hexachlorobenzene
Concen: 7.03 ng
RT: 17.181 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:284	Resp:	66781
Ion Ratio	Lower	Upper
284	100	
142	30.2	24.2 36.4
249	34.6	23.8 35.8





#69

Atrazine

Concen: 6.52 ng

RT: 17.257 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP003677.D

Acq: 20 Oct 2020 12:57

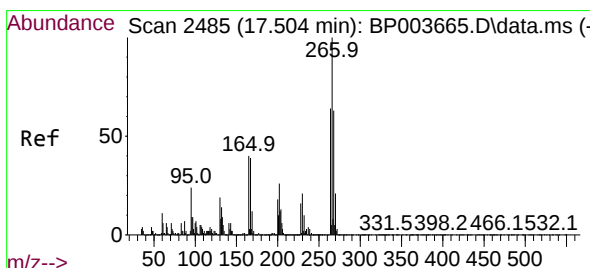
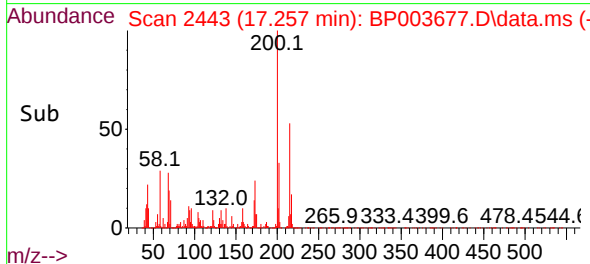
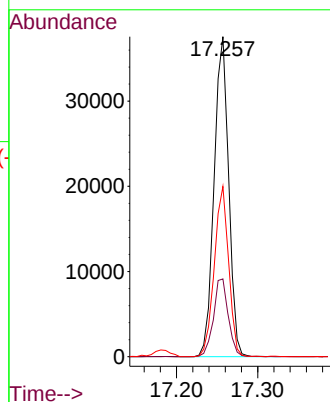
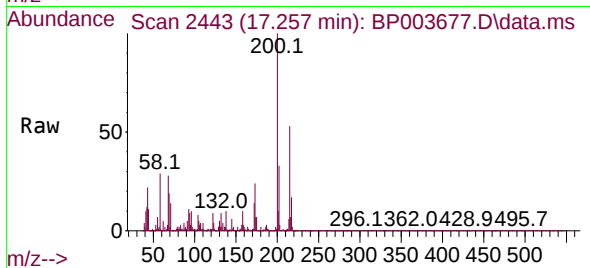
Tgt Ion:	200	Resp:	46718
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.9	45.9
215	53.2	28.4	68.4

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#70

Pentachlorophenol

Concen: 5.50 ng

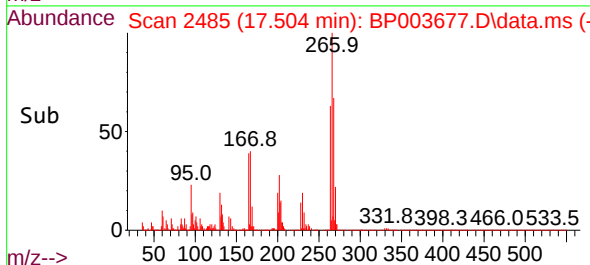
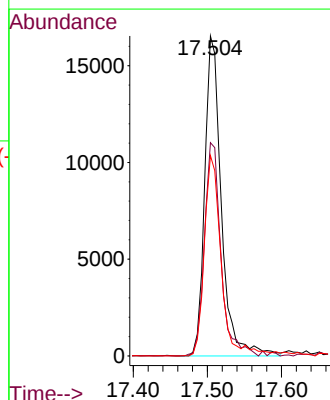
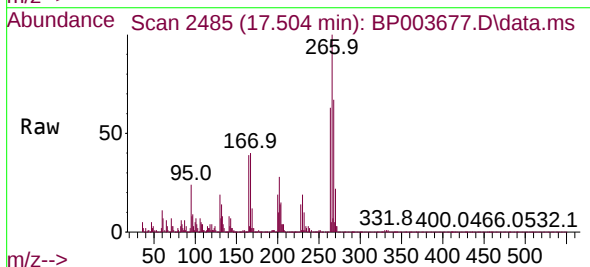
RT: 17.504 min Scan# 2485

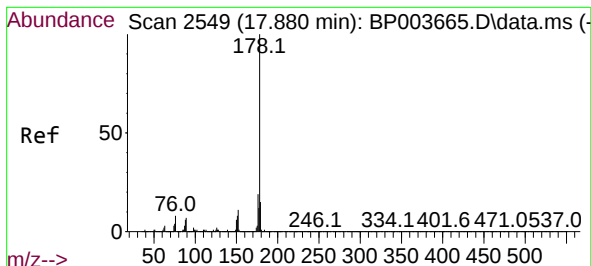
Delta R.T. 0.000 min

Lab File: BP003677.D

Acq: 20 Oct 2020 12:57

Tgt Ion:	266	Resp:	25834
Ion Ratio	Lower	Upper	
266	100		
268	66.7	51.1	76.7
264	62.6	50.6	76.0

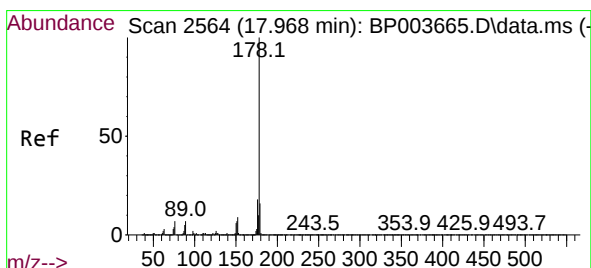
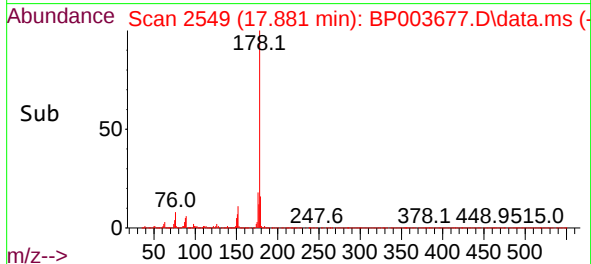
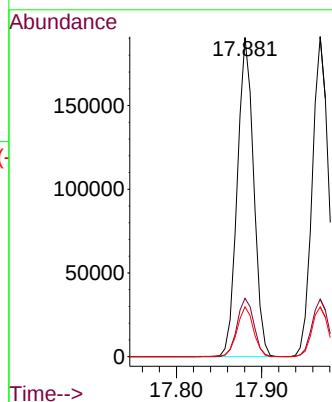
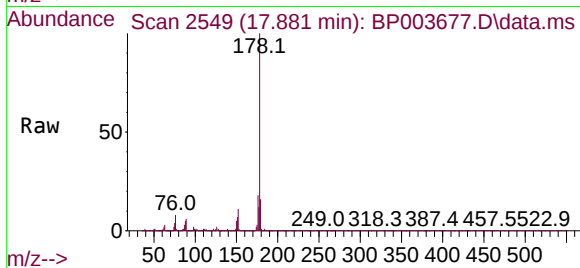




#71
Phenanthrene
Concen: 7.41 ng
RT: 17.881 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

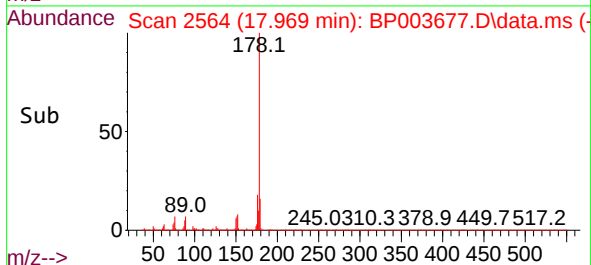
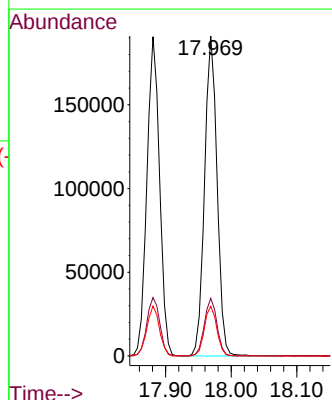
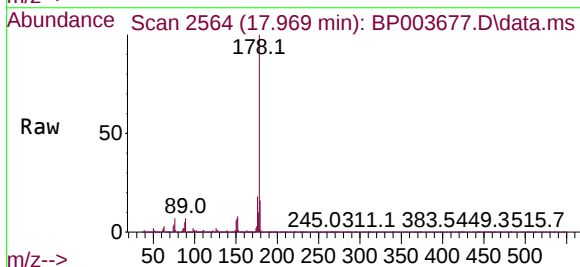
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

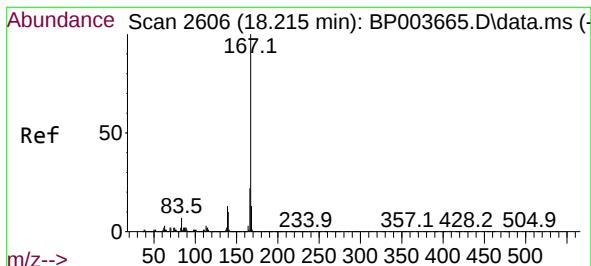
Tgt Ion:178 Resp: 254180
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 7.67 ng
RT: 17.969 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:178 Resp: 254051
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.5 12.5 18.7

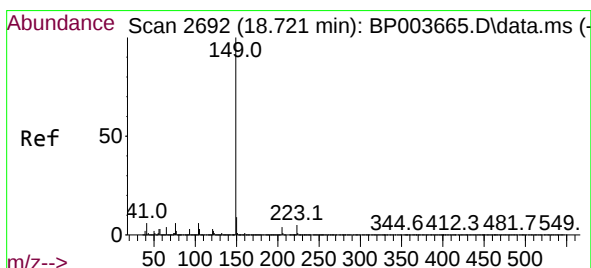
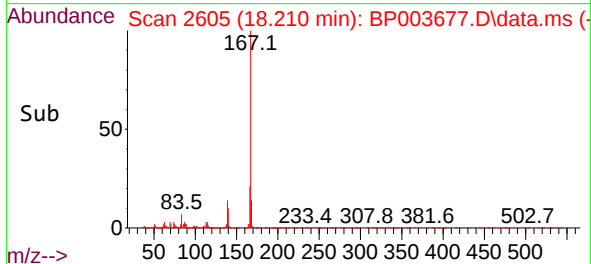
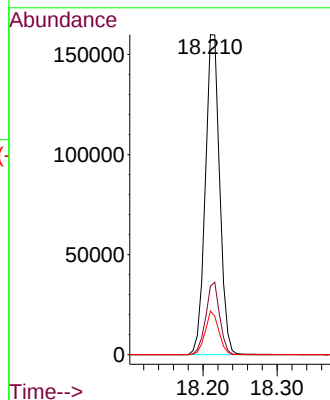
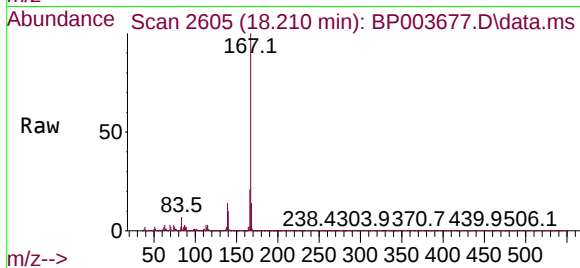




#73
 Carbazole
 Concen: 7.31 ng
 RT: 18.210 min Scan# 2605
 Delta R.T. -0.006 min
 Lab File: BP003677.D
 Acq: 20 Oct 2020 12:57

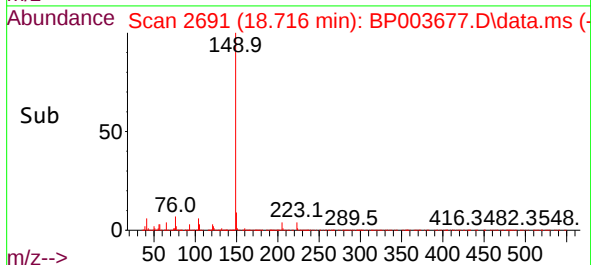
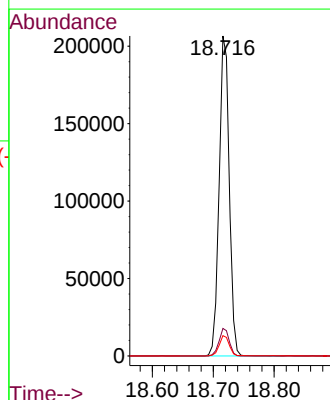
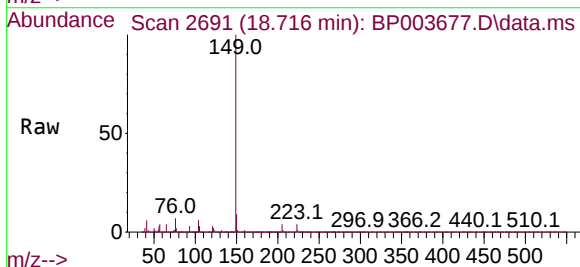
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

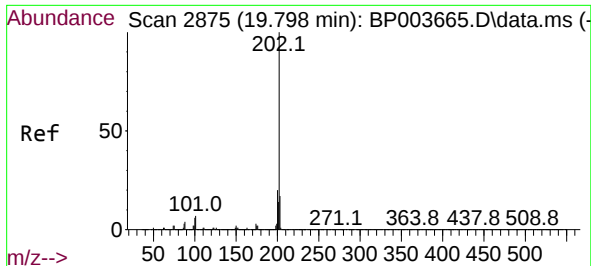
Tgt Ion:167 Resp: 215221
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 6.59 ng
 RT: 18.716 min Scan# 2691
 Delta R.T. -0.006 min
 Lab File: BP003677.D
 Acq: 20 Oct 2020 12:57

Tgt Ion:149 Resp: 236784
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.3 10.9
 104 6.3 3.4 5.0#

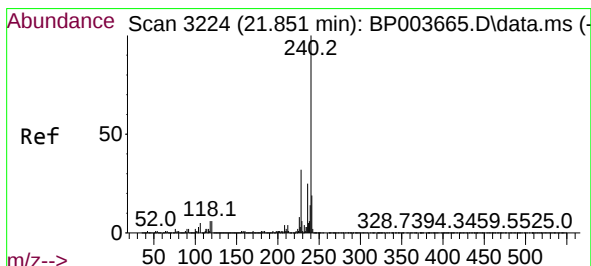
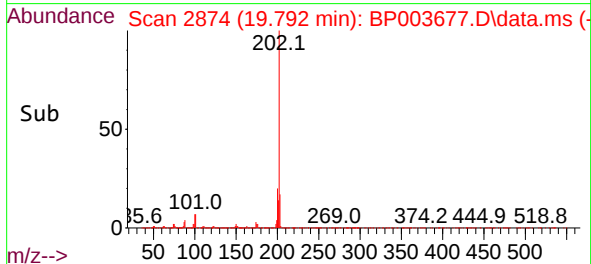
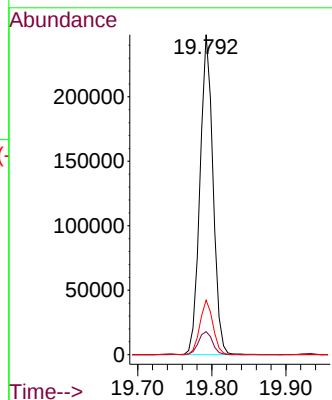
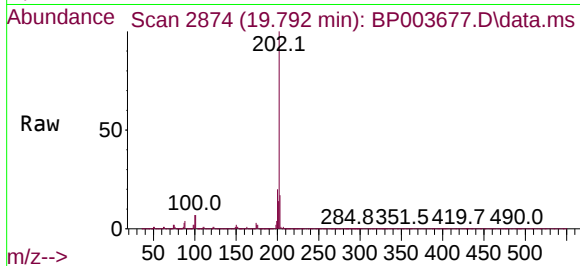




#75
Fluoranthene
Concen: 7.18 ng
RT: 19.792 min Scan# 2874
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

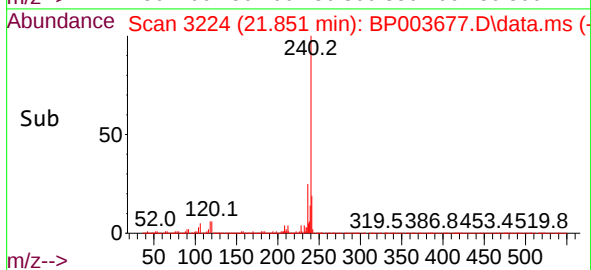
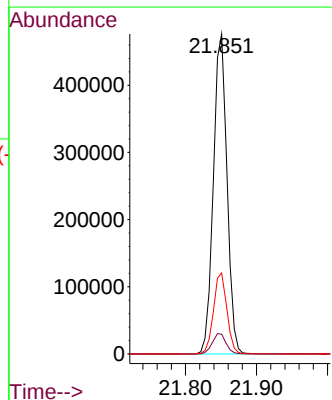
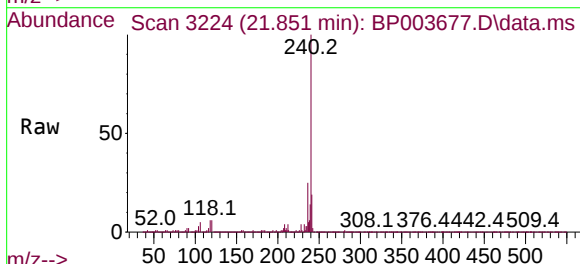
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

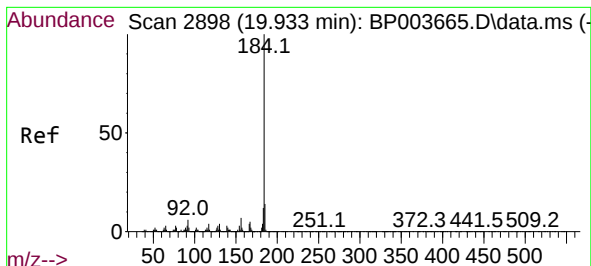
Tgt Ion:202	Resp:	302417
Ion Ratio	Lower	Upper
202	100	
101	7.2	0.0 29.4
203	17.1	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:240	Resp:	633931
Ion Ratio	Lower	Upper
240	100	
120	6.2	7.8 11.6#
236	25.3	20.8 31.2





#77

Benzidine

Concen: 8.64 ng

RT: 19.933 min Scan# 2898

Delta R.T. 0.000 min

Lab File: BP003677.D

Acq: 20 Oct 2020 12:57

Tgt Ion:184 Resp: 131213

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

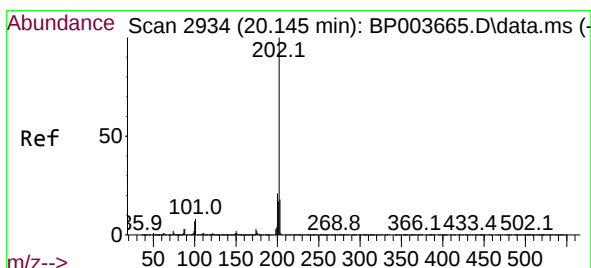
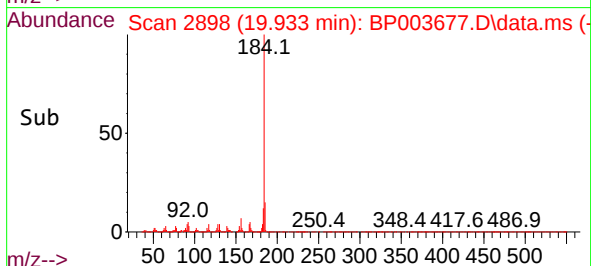
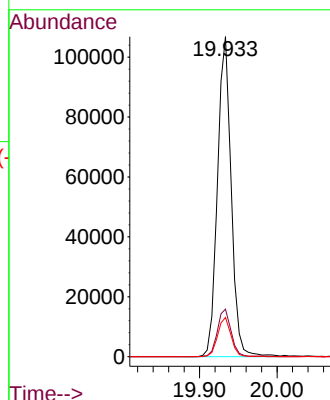
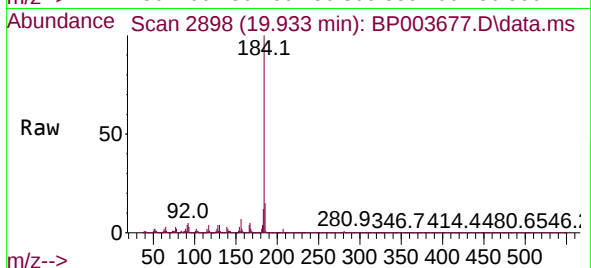
183 12.2 9.6 14.4

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#78

Pyrene

Concen: 7.42 ng

RT: 20.139 min Scan# 2933

Delta R.T. -0.006 min

Lab File: BP003677.D

Acq: 20 Oct 2020 12:57

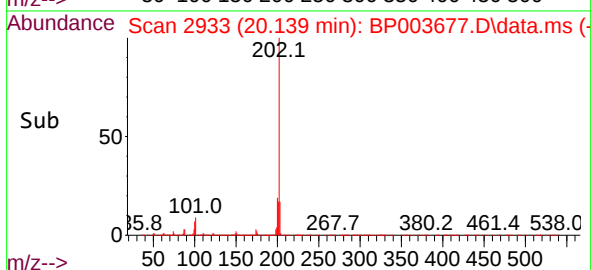
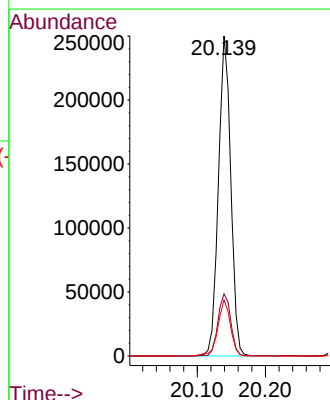
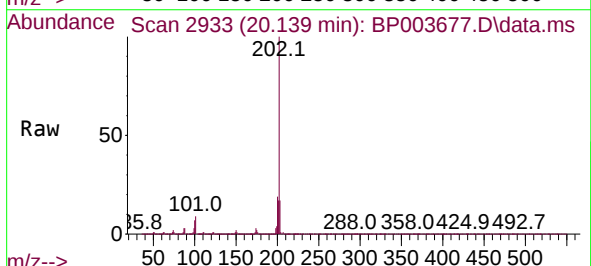
Tgt Ion:202 Resp: 315032

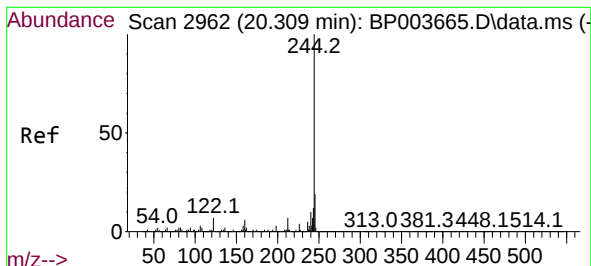
Ion Ratio Lower Upper

202 100

200 19.4 17.1 25.7

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 101.88 ng

RT: 20.310 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP003677.D

Acq: 20 Oct 2020 12:57

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020

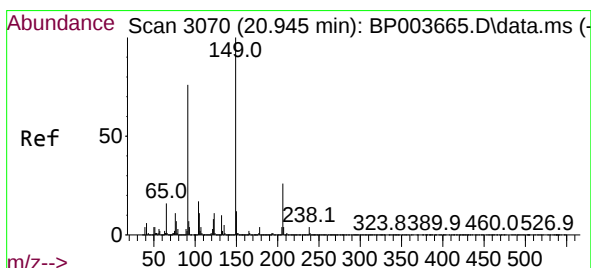
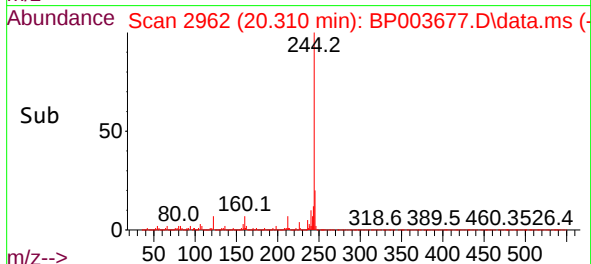
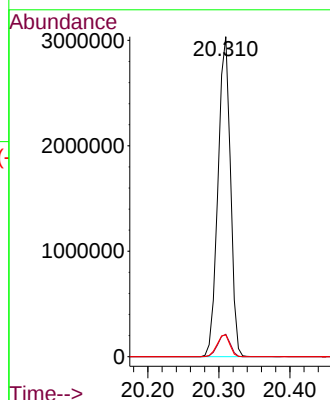
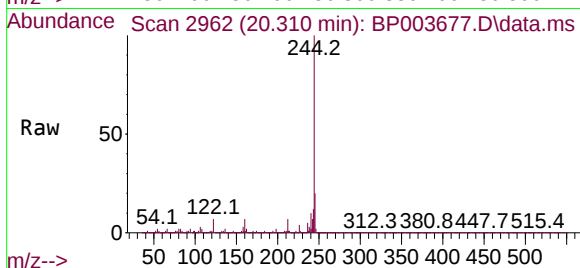
Tgt Ion:244 Resp: 3672176

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 6.8 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 5.90 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BP003677.D

Acq: 20 Oct 2020 12:57

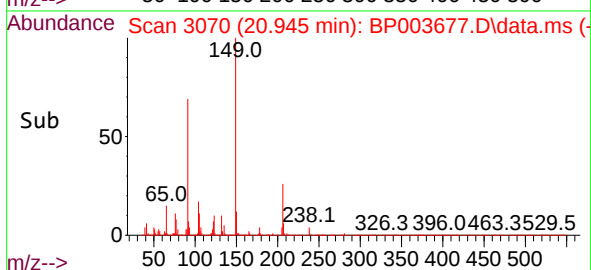
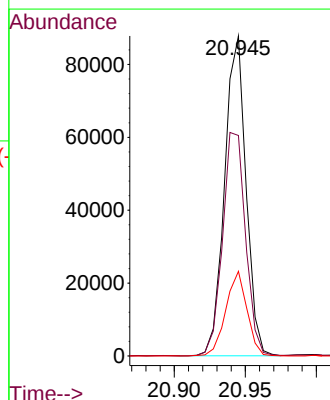
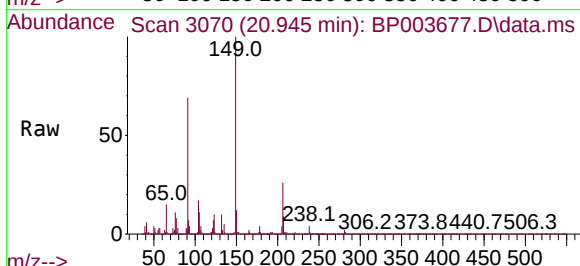
Tgt Ion:149 Resp: 91828

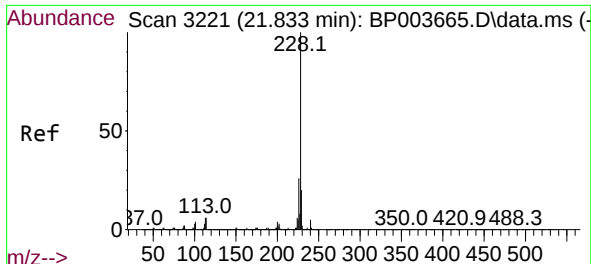
Ion Ratio Lower Upper

149 100

91 68.9 45.4 68.0#

206 26.5 17.1 25.7#

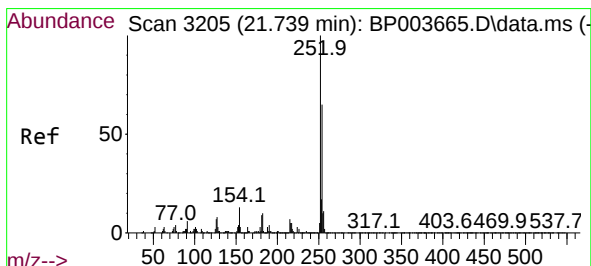
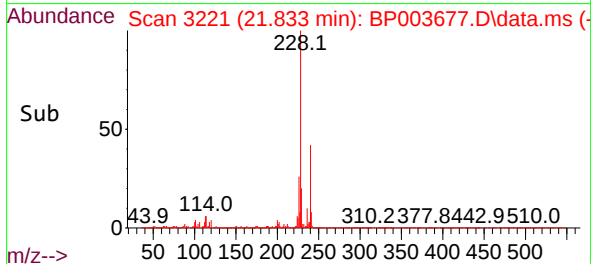
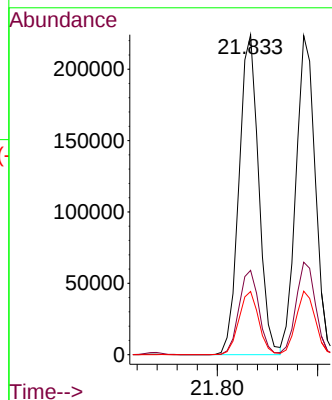
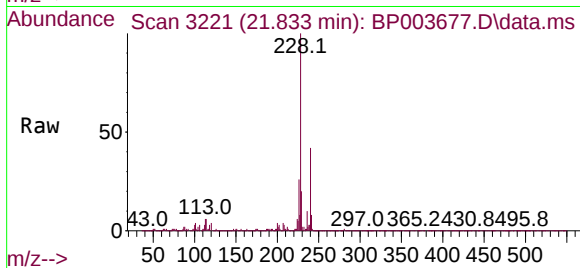




#81
Benzo(a)anthracene
Concen: 7.22 ng
RT: 21.833 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

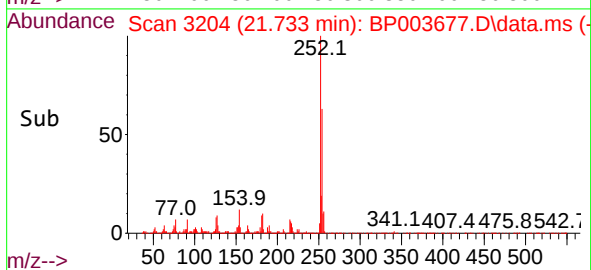
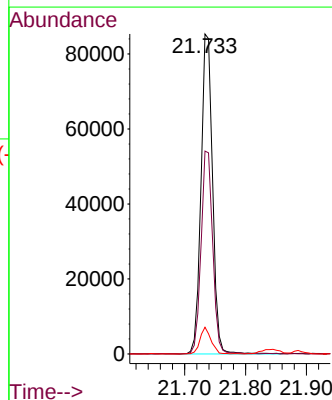
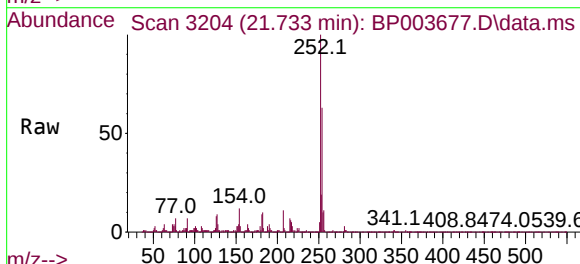
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

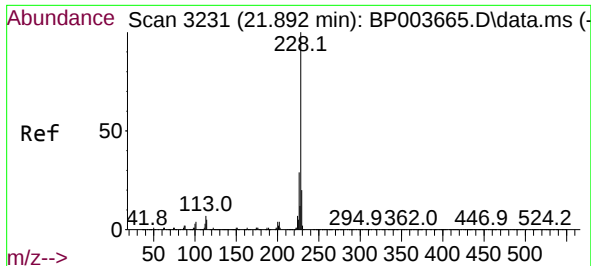
Tgt Ion:228	Resp:	305096
Ion Ratio	Lower	Upper
228	100	
226	26.3	22.1 33.1
229	19.7	15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 7.59 ng
RT: 21.733 min Scan# 3204
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:252	Resp:	112391
Ion Ratio	Lower	Upper
252	100	
254	63.4	51.0 76.4
126	8.3	7.9 11.9

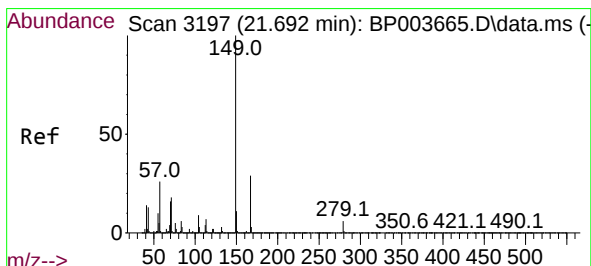
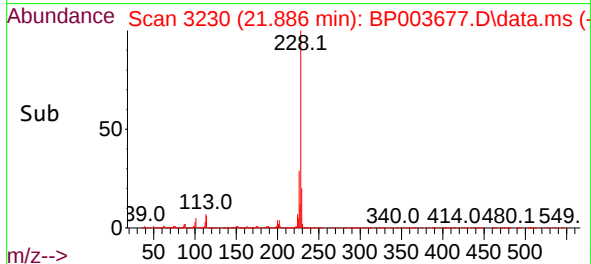
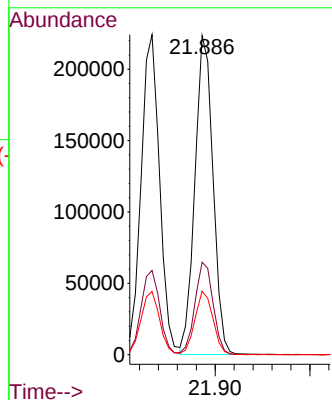
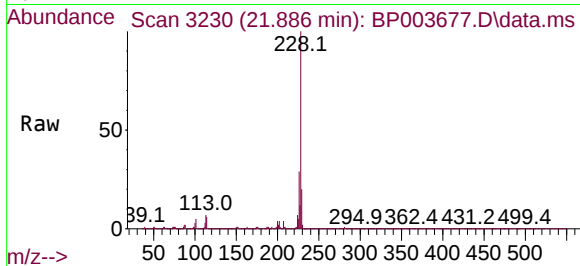




#83
Chrysene
Concen: 7.41 ng
RT: 21.886 min Scan# 3230
Delta R.T. -0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

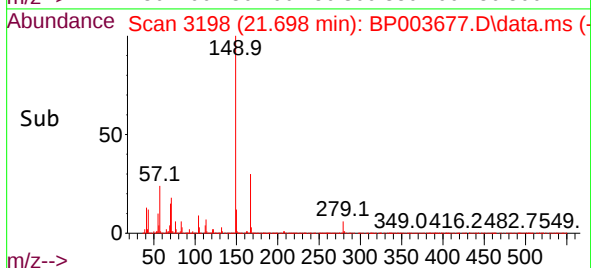
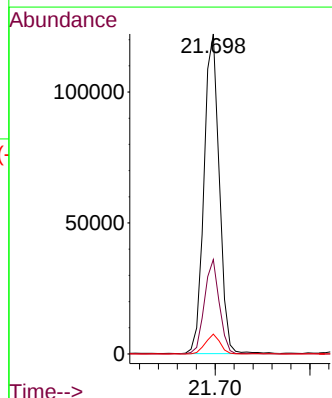
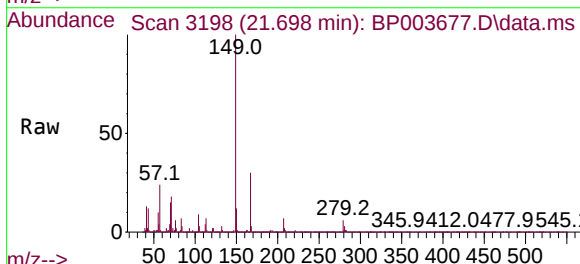
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

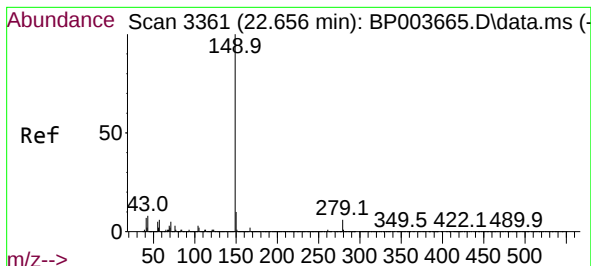
Tgt Ion:228 Resp: 296786
Ion Ratio Lower Upper
228 100
226 29.0 24.4 36.6
229 19.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.13 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:149 Resp: 136458
Ion Ratio Lower Upper
149 100
167 29.5 22.6 34.0
279 6.2 4.2 6.2

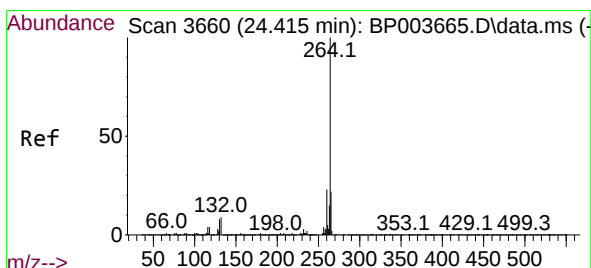
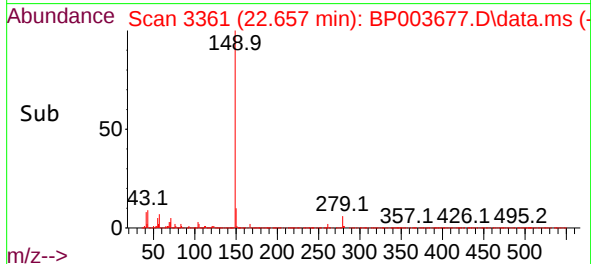
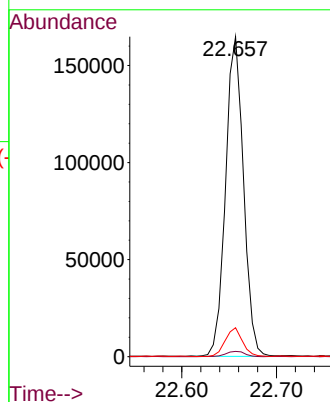
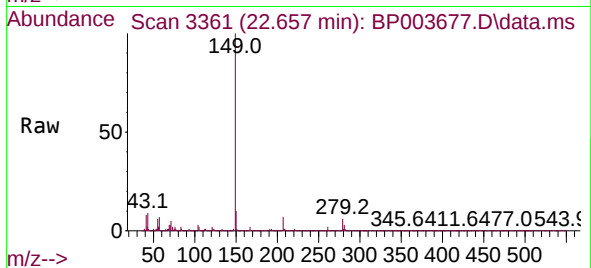




#85
Di-n-octyl phthalate
Concen: 6.00 ng
RT: 22.657 min Scan# 3361
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

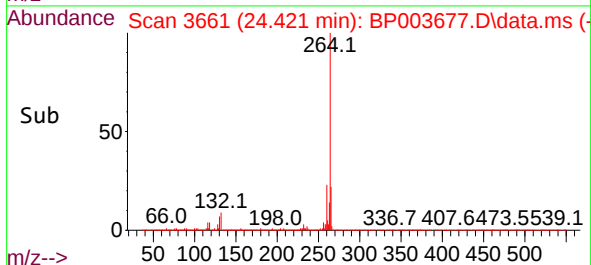
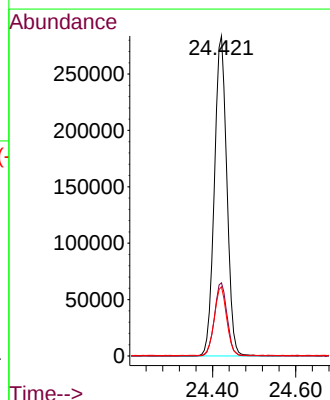
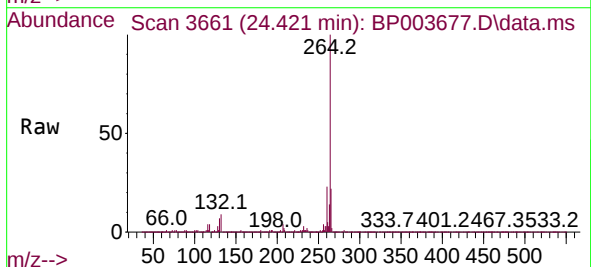
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

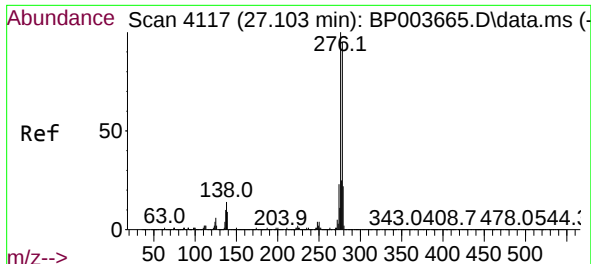
Tgt Ion:149 Resp: 216729
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.6 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.421 min Scan# 3661
Delta R.T. 0.006 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:264 Resp: 587826
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.6 17.4 26.2

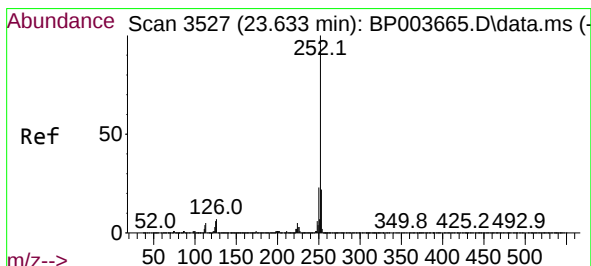
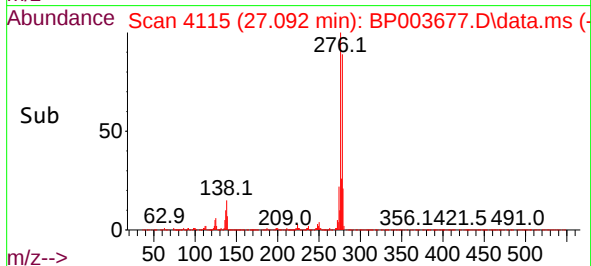
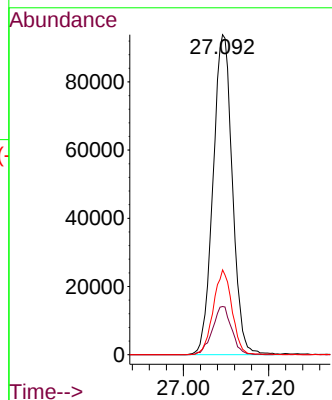
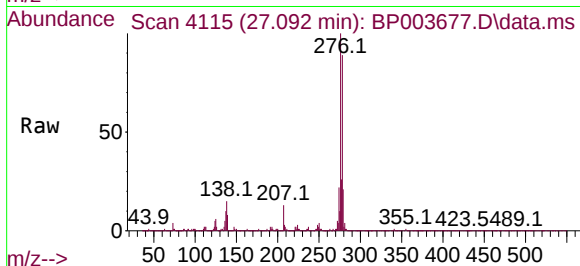




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.00 ng
RT: 27.092 min Scan# 4115
Delta R.T. -0.011 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

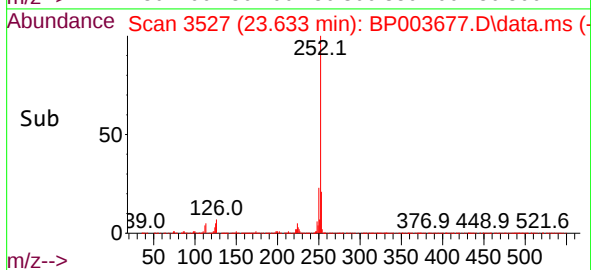
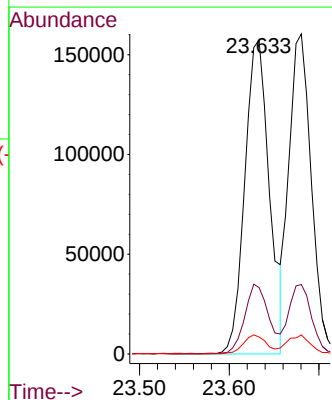
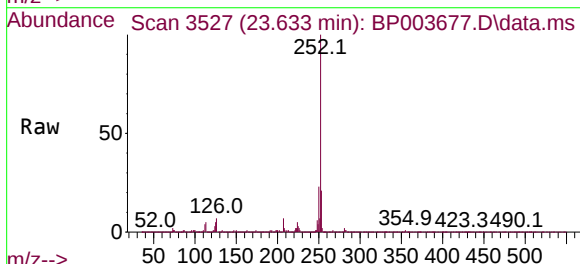
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

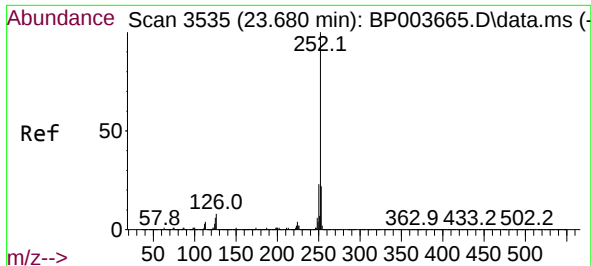
Tgt Ion:276 Resp: 295546
Ion Ratio Lower Upper
276 100
138 14.9 18.7 28.1#
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 7.32 ng
RT: 23.633 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:252 Resp: 300241
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 5.4 7.3 10.9#

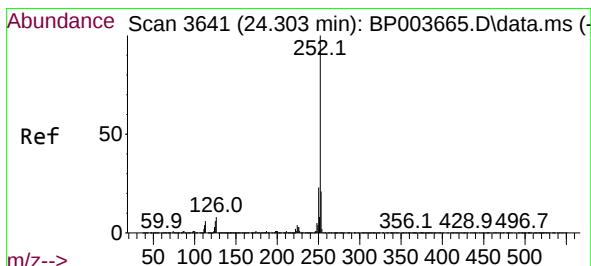
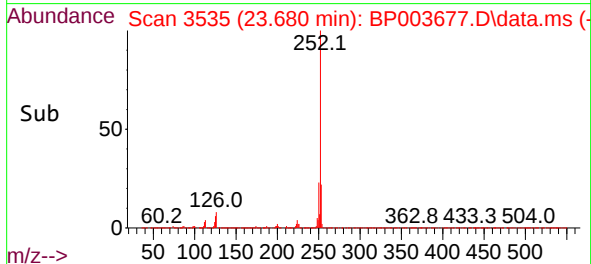
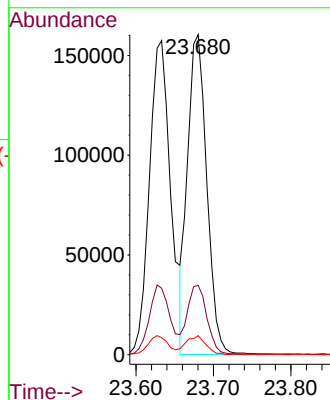
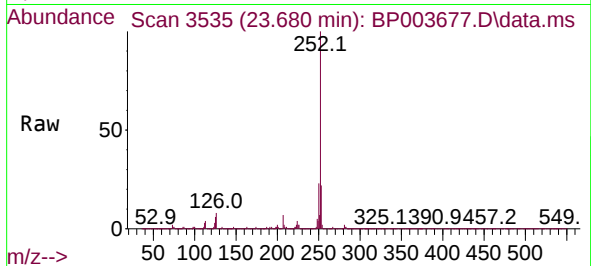




#89
Benzo(k)fluoranthene
Concen: 7.06 ng
RT: 23.680 min Scan# 3535
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

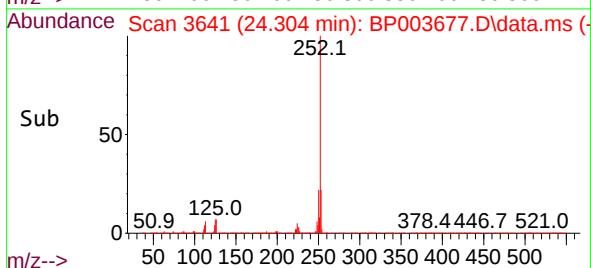
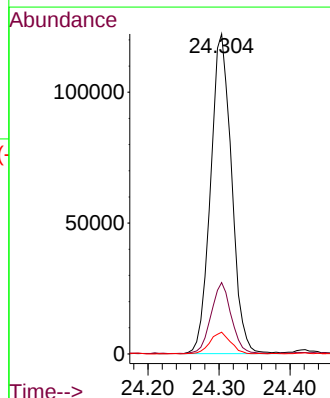
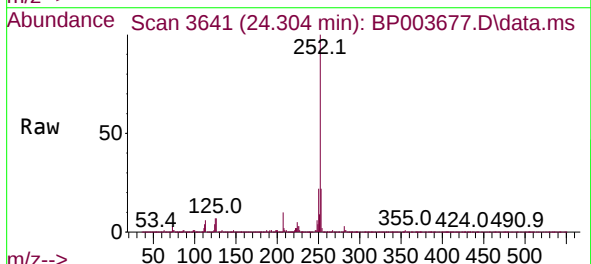
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

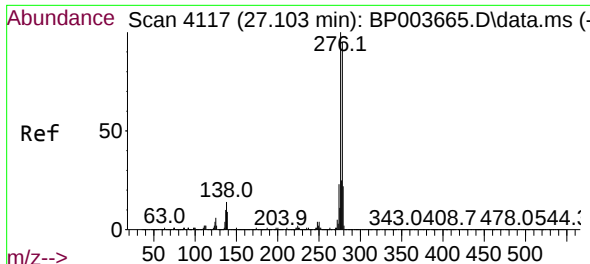
Tgt Ion:252 Resp: 276480
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 5.9 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 6.84 ng
RT: 24.304 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:252 Resp: 250323
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 6.8 8.2 12.4#

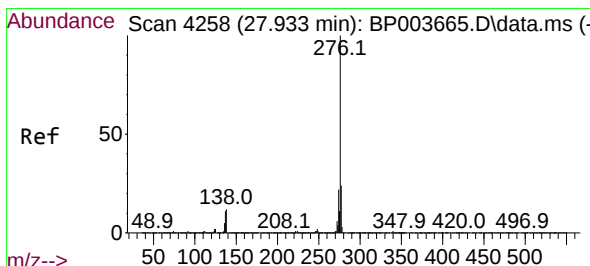
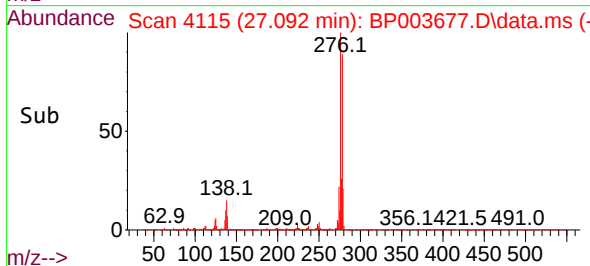
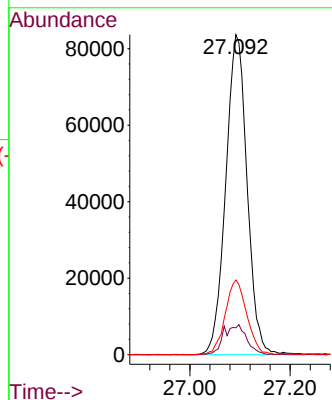
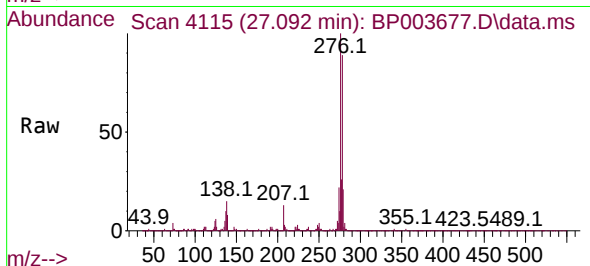




#91
Dibenzo(a,h)anthracene
Concen: 7.00 ng
RT: 27.092 min Scan# 4115
Delta R.T. -0.011 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Tgt Ion:278 Resp: 246904
Ion Ratio Lower Upper
278 100
139 8.4 12.4 18.6#
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 7.24 ng
RT: 27.921 min Scan# 4256
Delta R.T. -0.011 min
Lab File: BP003677.D
Acq: 20 Oct 2020 12:57

Tgt Ion:276 Resp: 236610
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 12.6 16.6 24.8#

