

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
 Data File : BP003676.D
 Acq On : 20 Oct 2020 12:19
 Operator : CG/JU
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 20 12:56:11 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	129209	20.00	ng	0.00
21) Naphthalene-d8	11.375	136	453651	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	311894	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	646242	20.00	ng	0.00
76) Chrysene-d12	21.851	240	706244	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	695224	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1039338	134.51	ng	0.00
7) Phenol-d6	7.675	99	1457086	133.47	ng	0.00
23) Nitrobenzene-d5	9.699	82	1033892	96.41	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	805682	165.58	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2505951	103.87	ng	0.00
79) Terphenyl-d14	20.310	244	4005136	99.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	11681	3.54	ng	# 86
3) Pyridine	4.128	79	31733	3.40	ng	# 90
4) n-Nitrosodimethylamine	4.023	42	13765	3.46	ng	# 57
6) Aniline	7.822	93	47417	3.91	ng	# 88
8) 2-Chlorophenol	8.093	128	28292	3.68	ng	# 81
9) Benzaldehyde	7.622	77	27728	4.81	ng	# 71
10) Phenol	7.699	94	38711	3.72	ng	70
11) bis(2-Chloroethyl)ether	7.905	93	31128	3.77	ng	89
12) 1,3-Dichlorobenzene	8.422	146	35892	3.62	ng	# 92
13) 1,4-Dichlorobenzene	8.563	146	36046	3.60	ng	# 90
14) 1,2-Dichlorobenzene	8.899	146	34382	3.62	ng	96
15) Benzyl Alcohol	8.752	79	27783	3.33	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	9.058	45	28782	3.52	ng	99
17) 2-Methylphenol	8.969	107	24934	3.62	ng	# 87
18) Hexachloroethane	9.652	117	13284	3.44	ng	83
19) n-Nitroso-di-n-propyla...	9.322	70	22724	3.41	ng	# 82
20) 3+4-Methylphenols	9.299	107	31971	3.45	ng	86
22) Acetophenone	9.346	105	47552	3.58	ng	# 86
24) Nitrobenzene	9.734	77	38732	3.75	ng	# 79
25) Isophorone	10.257	82	61376	3.55	ng	# 91
26) 2-Nitrophenol	10.463	139	11788	3.06	ng	# 56
27) 2,4-Dimethylphenol	10.516	122	25554	4.22	ng	# 72
28) bis(2-Chloroethoxy)met...	10.728	93	39758	3.61	ng	95
29) 2,4-Dichlorophenol	11.010	162	26920	3.39	ng	94
30) 1,2,4-Trichlorobenzene	11.240	180	38149	3.75	ng	98
31) Naphthalene	11.422	128	90542	3.70	ng	99
32) Benzoic acid	10.581	122	5386	1.50	ng	86
33) 4-Chloroaniline	11.504	127	35826	3.55	ng	# 83
34) Hexachlorobutadiene	11.734	225	27165	3.54	ng	97
35) Caprolactam	12.193	113	6985	3.00	ng	# 74
36) 4-Chloro-3-methylphenol	12.599	107	29413	3.41	ng	# 78
37) 2-Methylnaphthalene	12.987	142	65041	3.67	ng	# 93
38) 1-Methylnaphthalene	13.204	142	61358	3.66	ng	# 100
40) 1,2,4,5-Tetrachloroben...	13.363	216	46255	3.74	ng	98
41) Hexachlorocyclopentadiene	13.357	237	28744	4.02	ng	96
43) 2,4,6-Trichlorophenol	13.581	196	22783	3.10	ng	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
 Data File : BP003676.D
 Acq On : 20 Oct 2020 12:19
 Operator : CG/JU
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 5 Sample Multiplier: 1

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

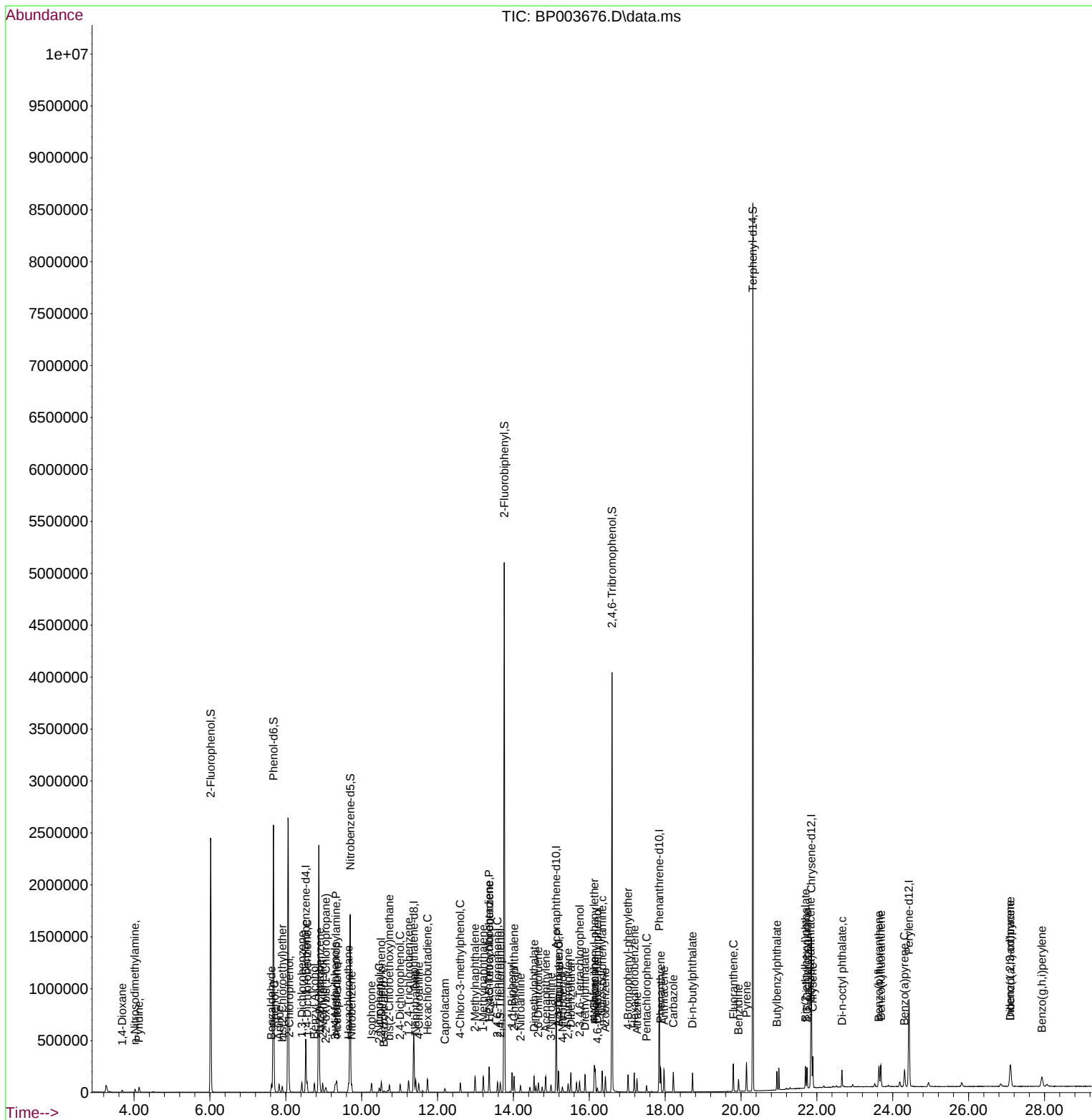
Quant Time: Oct 20 12:56:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 12:55:54 2020
 Response via : Initial Calibration

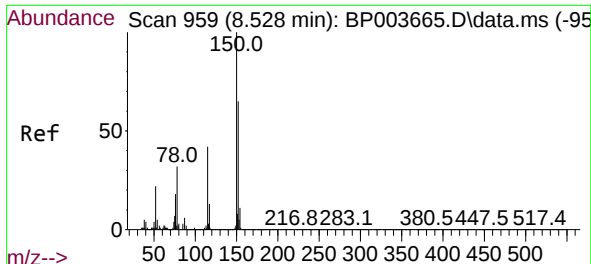
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	25226	3.30	ng	# 93
46) 1,1'-Biphenyl	13.963	154	90783	3.73	ng	97
47) 2-Chloronaphthalene	14.016	162	70389	3.46	ng	96
48) 2-Nitroaniline	14.187	65	15435	2.57	ng	# 62
49) Acenaphthylene	14.851	152	101062	3.48	ng	98
50) Dimethylphthalate	14.546	163	88779	3.46	ng	99
51) 2,6-Dinitrotoluene	14.657	165	17010	3.26	ng	# 64
52) Acenaphthene	15.187	154	67546	3.45	ng	94
53) 3-Nitroaniline	14.993	138	14406	2.82	ng	# 64
54) 2,4-Dinitrophenol	15.193	184	4418	1.85	ng	# 1
55) Dibenzofuran	15.516	168	111734	3.77	ng	100
56) 4-Nitrophenol	15.293	139	11028	2.88	ng	# 46
57) 2,4-Dinitrotoluene	15.440	165	21931	3.11	ng	# 72
58) Fluorene	16.157	166	89761	3.75	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.745	232	23092	3.15	ng	90
60) Diethylphthalate	15.887	149	84432	3.36	ng	97
61) 4-Chlorophenyl-phenyle...	16.134	204	53896	3.73	ng	93
62) 4-Nitroaniline	16.140	138	14884	2.62	ng	# 58
63) Azobenzene	16.422	77	79616	3.37	ng	88
65) 4,6-Dinitro-2-methylph...	16.210	198	9114	2.68	ng	88
66) n-Nitrosodiphenylamine	16.340	169	75753	3.94	ng	100
67) 4-Bromophenyl-phenylether	17.022	248	34458	3.98	ng	97
68) Hexachlorobenzene	17.187	284	40666	4.08	ng	97
69) Atrazine	17.257	200	23374	3.12	ng	96
70) Pentachlorophenol	17.510	266	11454	2.33	ng	86
71) Phenanthrene	17.881	178	133500	3.72	ng	99
72) Anthracene	17.969	178	128481	3.70	ng	99
73) Carbazole	18.216	167	108325	3.51	ng	98
74) Di-n-butylphthalate	18.722	149	111952	2.97	ng	# 96
75) Fluoranthene	19.798	202	154433	3.50	ng	96
77) Benzidine	19.933	184	61423	3.63	ng	98
78) Pyrene	20.145	202	164664	3.48	ng	97
80) Butylbenzylphthalate	20.945	149	45276	2.61	ng	# 81
81) Benzo(a)anthracene	21.833	228	164863	3.50	ng	98
82) 3,3'-Dichlorobenzidine	21.739	252	57394	3.48	ng	97
83) Chrysene	21.892	228	161634	3.62	ng	97
84) Bis(2-ethylhexyl)phtha...	21.698	149	69065	2.78	ng	100
85) Di-n-octyl phthalate	22.663	149	111701	2.77	ng	# 93
87) Indeno(1,2,3-cd)pyrene	27.098	276	161519	3.24	ng	# 91
88) Benzo(b)fluoranthene	23.633	252	164477	3.39	ng	# 96
89) Benzo(k)fluoranthene	23.686	252	152209	3.29	ng	# 95
90) Benzo(a)pyrene	24.310	252	135094	3.12	ng	# 96
91) Dibenzo(a,h)anthracene	27.104	278	135839	3.26	ng	# 93
92) Benzo(g,h,i)perylene	27.933	276	132236	3.42	ng	# 91

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

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-OT4-2020

Quant Time: Oct 20 12:56:11 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

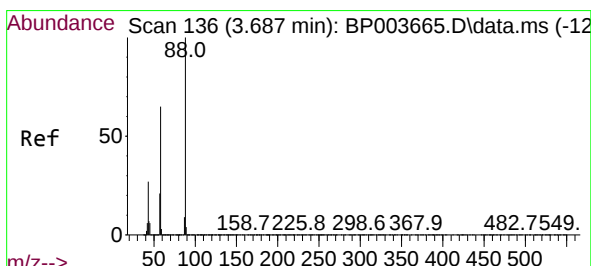
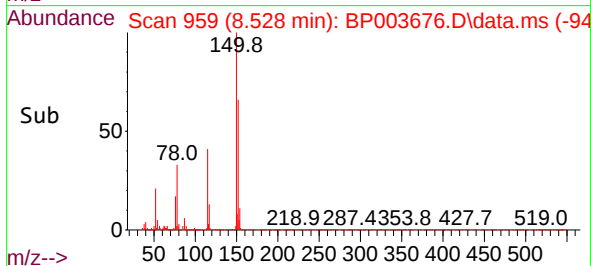
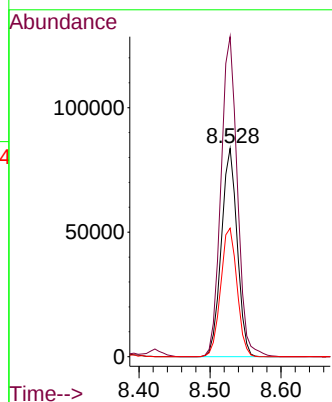
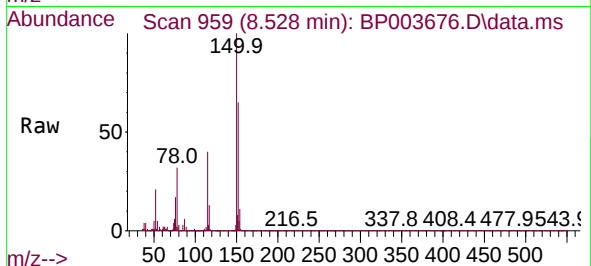




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

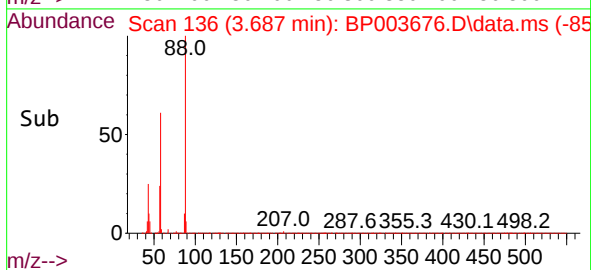
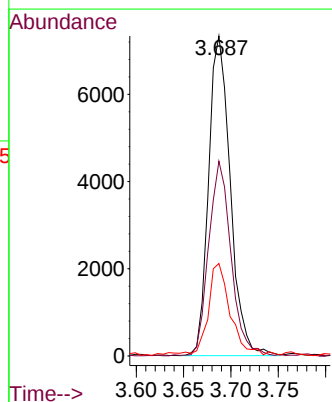
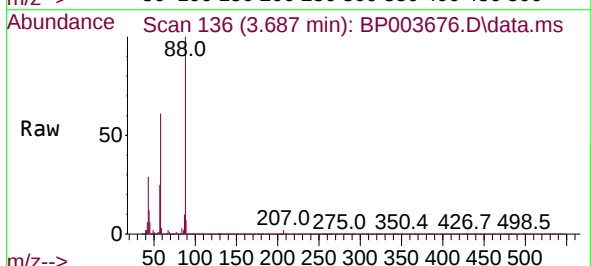
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

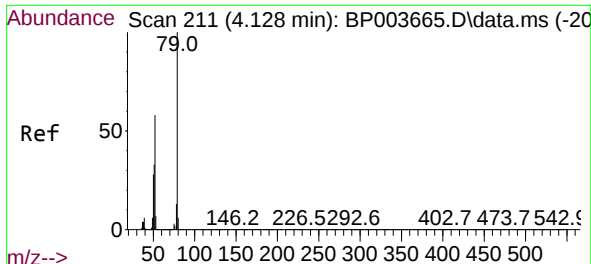
Tgt Ion:152 Resp: 129209
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 61.7 43.8 65.6



#2
1,4-Dioxane
Concen: 3.54 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 88 Resp: 11681
Ion Ratio Lower Upper
88 100
58 62.8 44.2 66.4
43 29.9 15.2 22.8

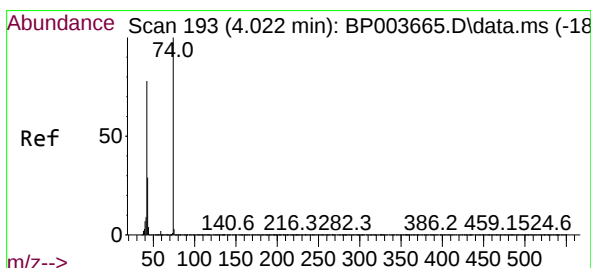
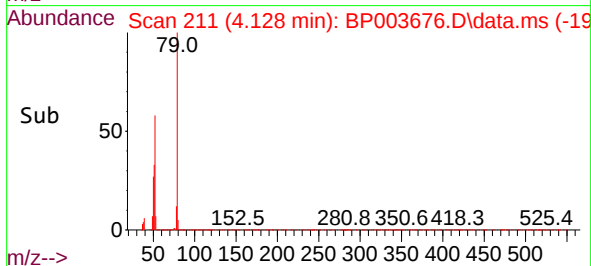
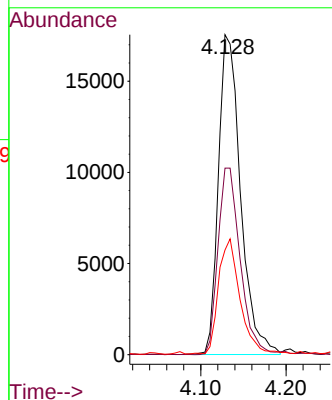
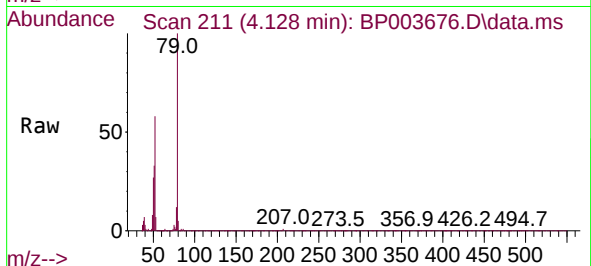




#3
Pyridine
Concen: 3.40 ng
RT: 4.128 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

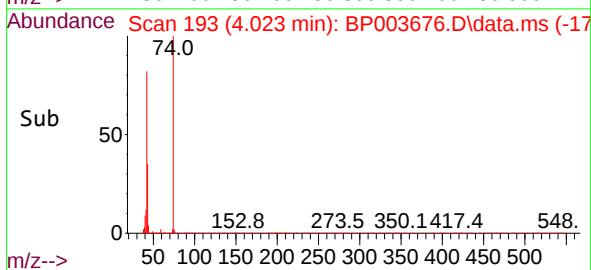
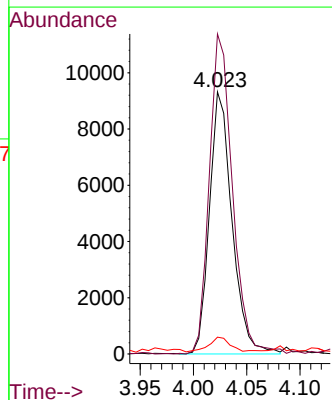
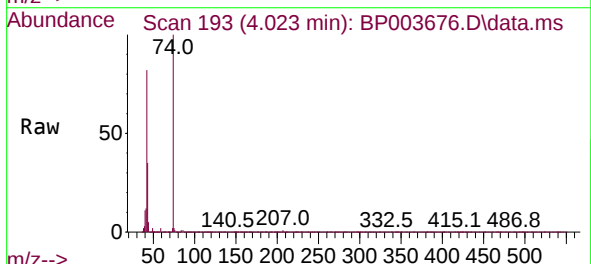
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

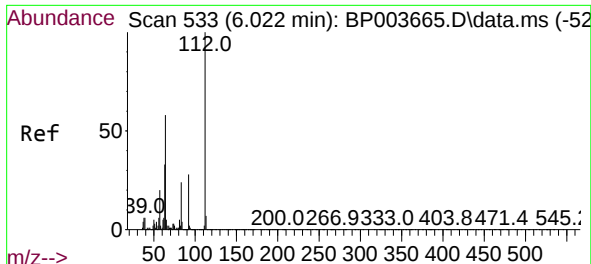
Tgt Ion: 79 Resp: 31733
Ion Ratio Lower Upper
79 100
52 58.3 41.3 61.9
51 32.7 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 3.46 ng
RT: 4.023 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 42 Resp: 13765
Ion Ratio Lower Upper
42 100
74 122.1 148.6 223.0#
44 6.4 5.3 7.9

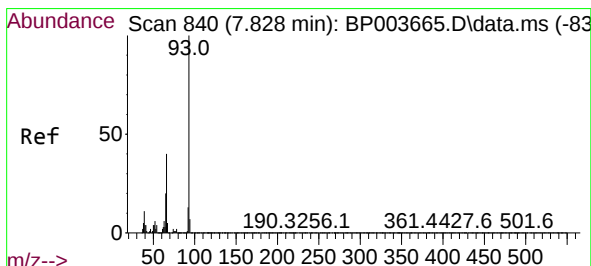
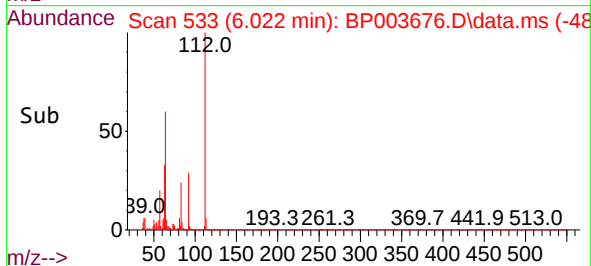
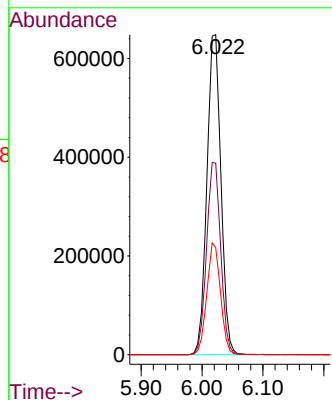
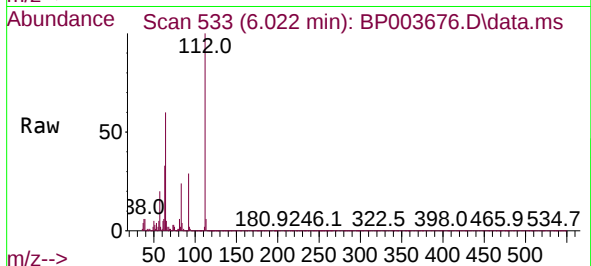




#5
2-Fluorophenol
Concen: 134.51 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

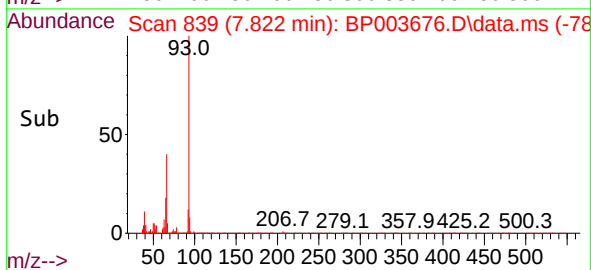
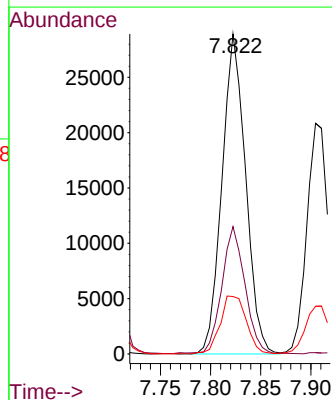
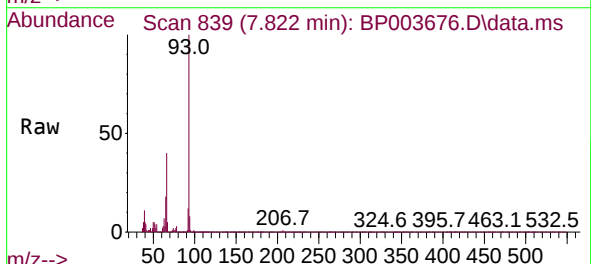
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

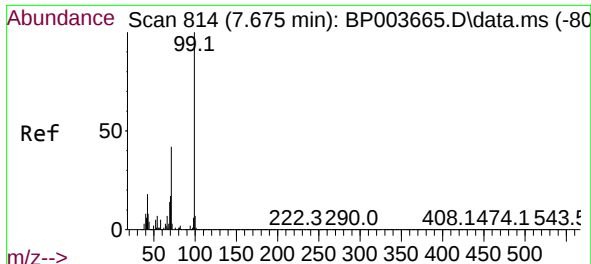
Tgt Ion:112 Resp: 1039338
Ion Ratio Lower Upper
112 100
64 59.9 32.8 49.2#
63 33.4 17.0 25.4#



#6
Aniline
Concen: 3.91 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

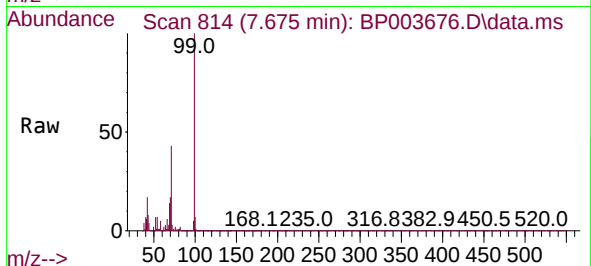
Tgt Ion: 93 Resp: 47417
Ion Ratio Lower Upper
93 100
66 39.8 25.4 38.0#
65 18.0 12.5 18.7





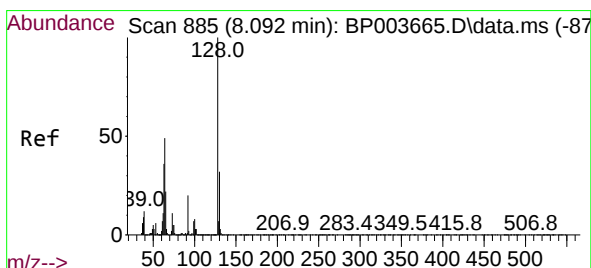
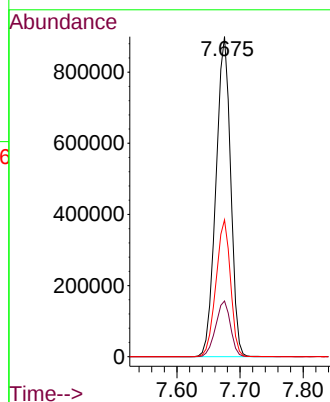
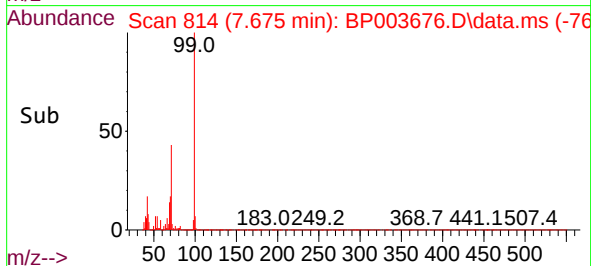
#7
Phenol-d6
Concen: 133.47 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

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

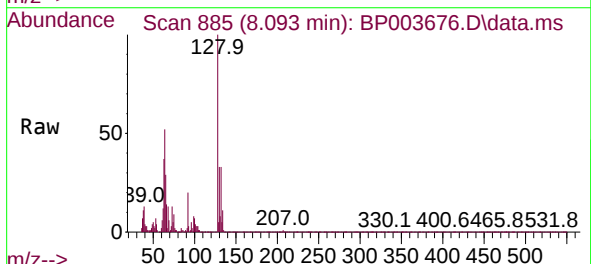


Tgt Ion: 99 Resp: 1457086

Ion	Ratio	Lower	Upper
99	100		
42	17.4	8.6	13.0#
71	42.8	23.4	35.2#

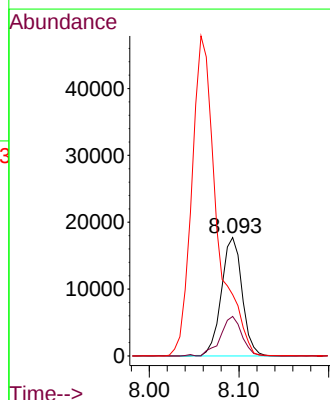
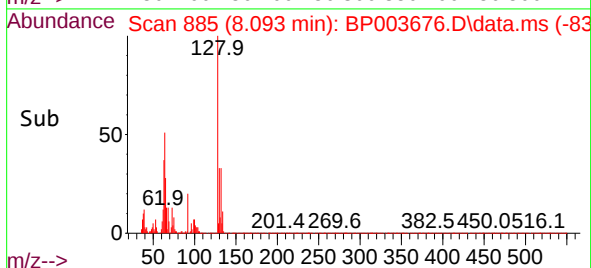


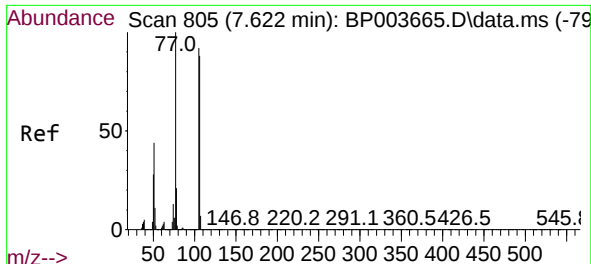
#8
2-Chlorophenol
Concen: 3.68 ng
RT: 8.093 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19



Tgt Ion: 128 Resp: 28292

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.0	53.0
64	51.7	10.4	50.4#

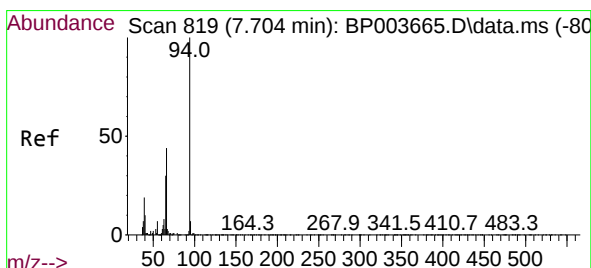
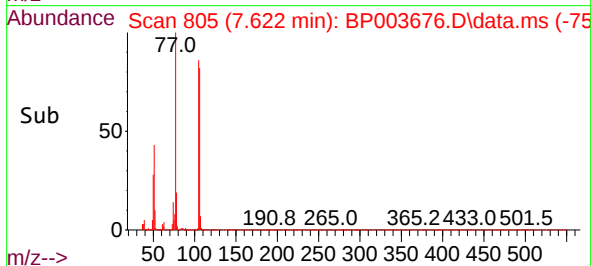
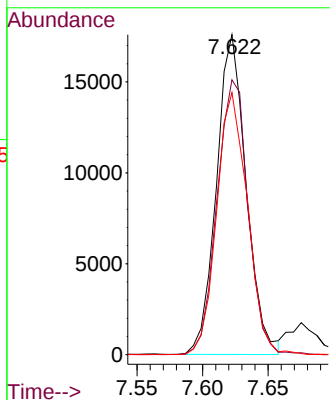
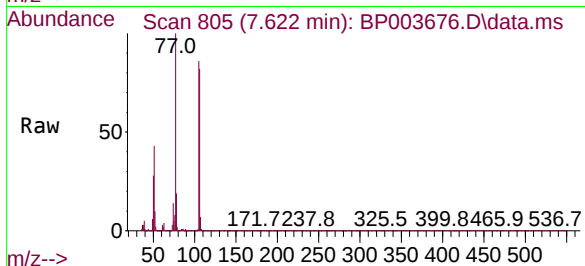




#9
Benzaldehyde
Concen: 4.81 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

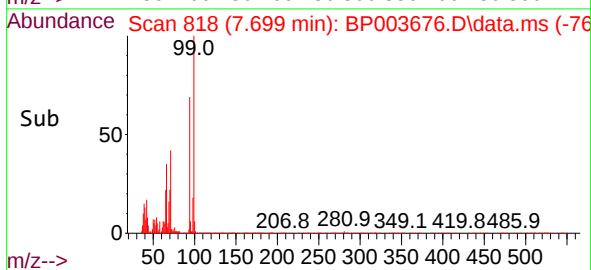
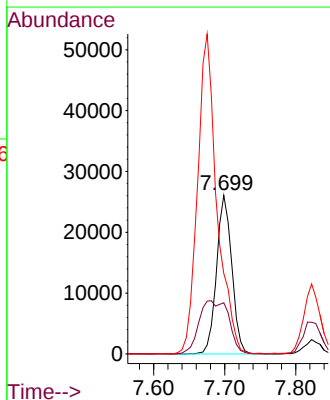
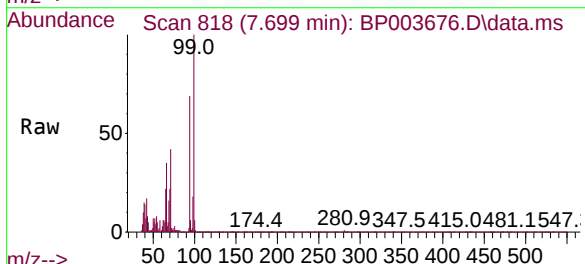
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

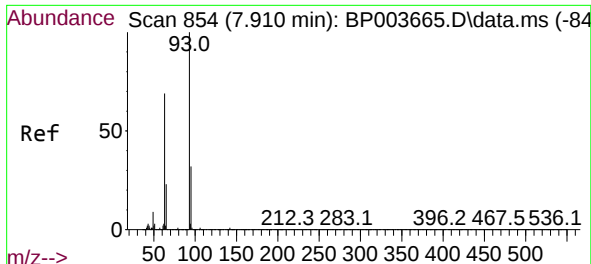
Tgt Ion:	77	Resp:	27728
Ion	Ratio	Lower	Upper
77	100		
105	85.9	97.1	137.1#
106	81.9	93.7	133.7#



#10
Phenol
Concen: 3.72 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	94	Resp:	38711
Ion	Ratio	Lower	Upper
94	100		
65	32.3	2.3	42.3
66	50.8	10.9	50.9

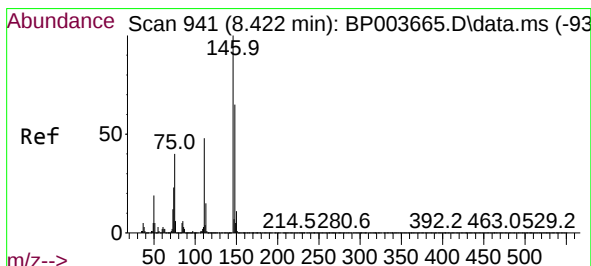
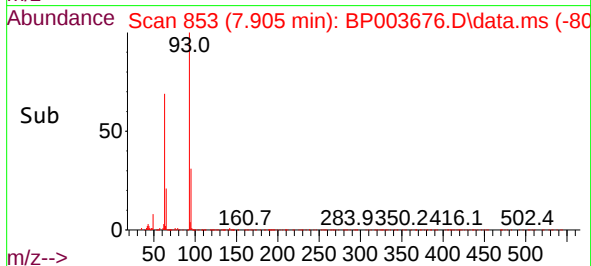
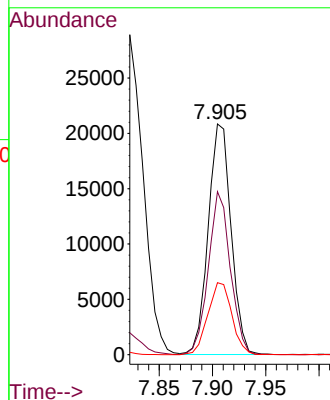
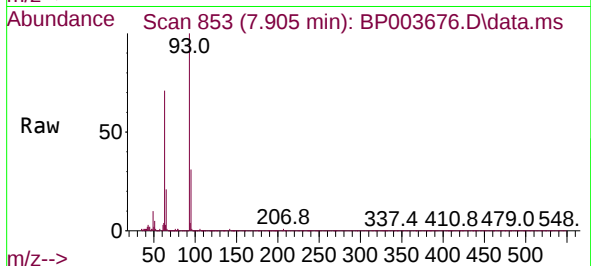




#11
bis(2-Chloroethyl)ether
Concen: 3.77 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

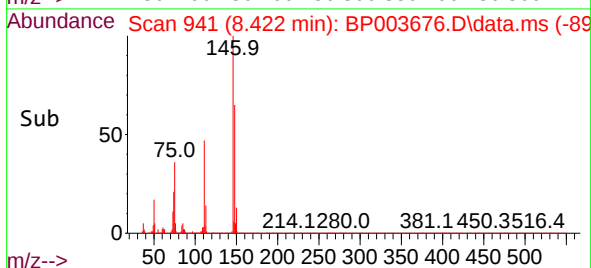
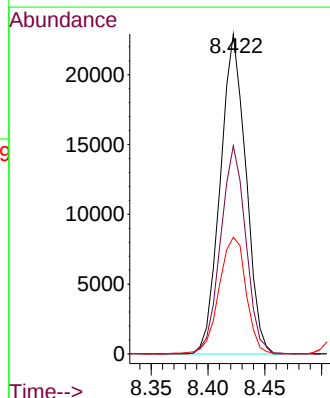
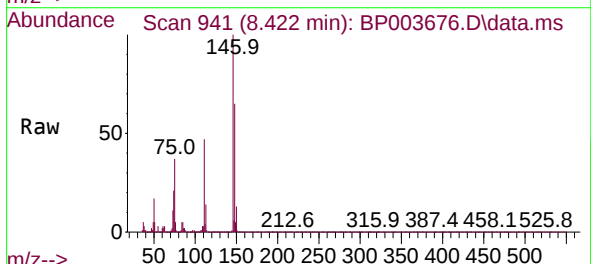
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

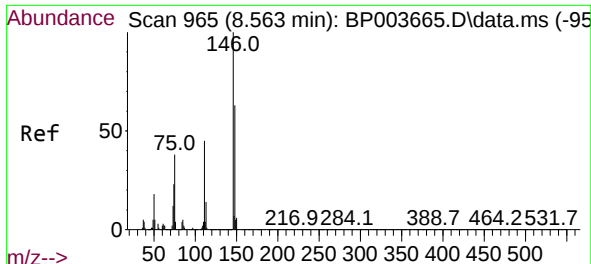
Tgt Ion: 93 Resp: 31128
Ion Ratio Lower Upper
93 100
63 70.7 39.0 79.0
95 31.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 3.62 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:146 Resp: 35892
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 36.5 18.1 27.1#





#13

1,4-Dichlorobenzene

Concen: 3.60 ng

RT: 8.563 min Scan# 965

Delta R.T. 0.000 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

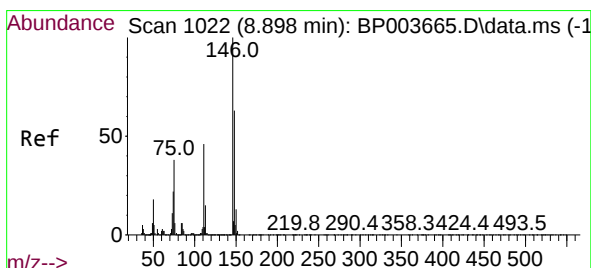
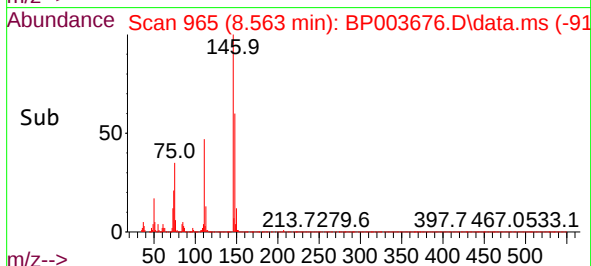
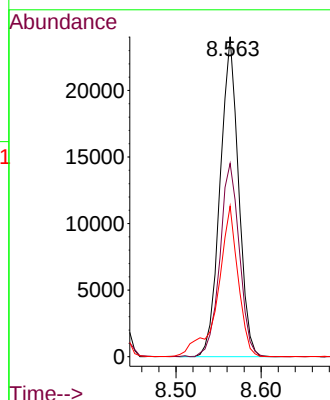
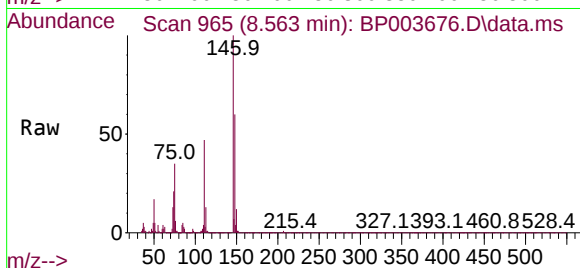
Tgt Ion:	146	Resp:	36046
Ion Ratio	Lower	Upper	
146	100		
148	60.4	51.3	76.9
111	47.0	28.9	43.3

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#14

1,2-Dichlorobenzene

Concen: 3.62 ng

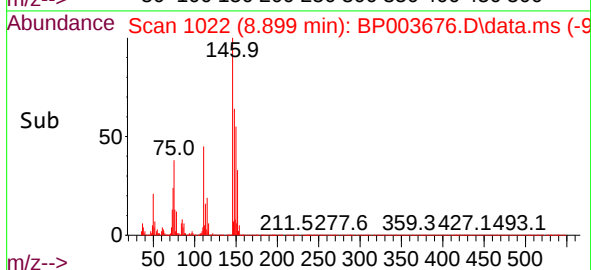
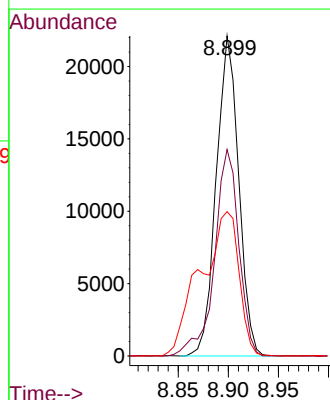
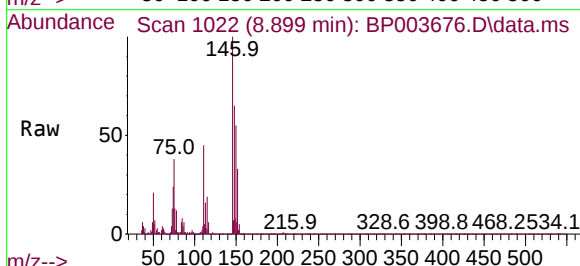
RT: 8.899 min Scan# 1022

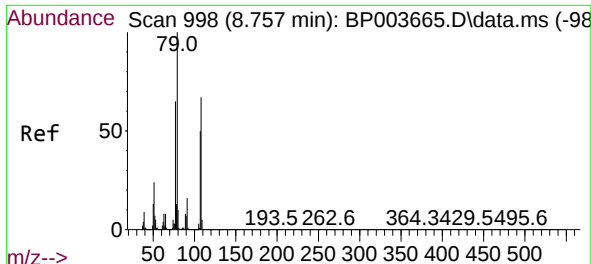
Delta R.T. 0.000 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

Tgt Ion:	146	Resp:	34382
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.6	77.4
111	45.1	31.0	46.6

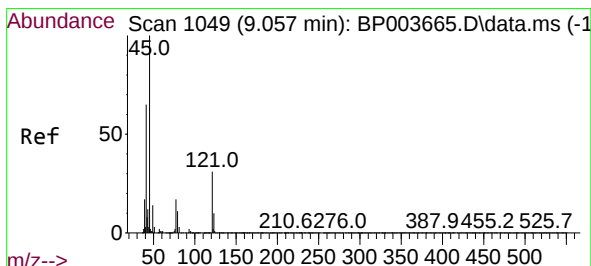
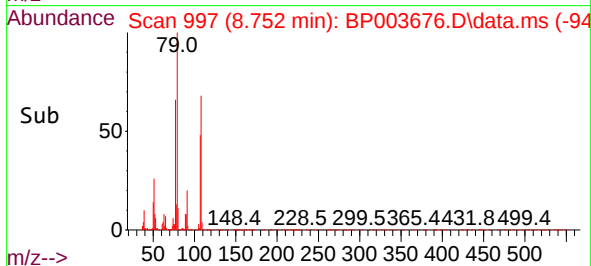
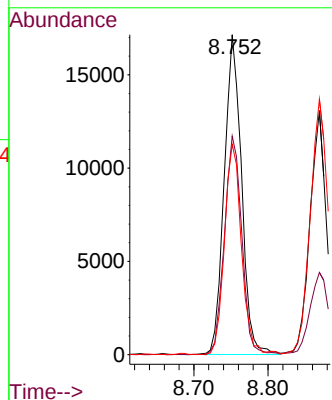
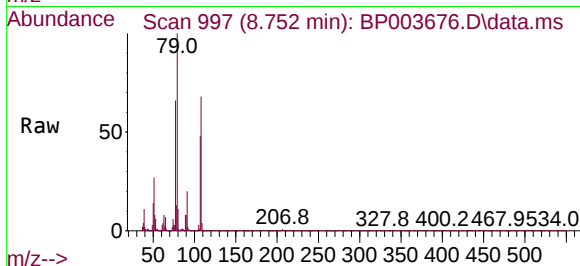




#15
Benzyl Alcohol
Concen: 3.33 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

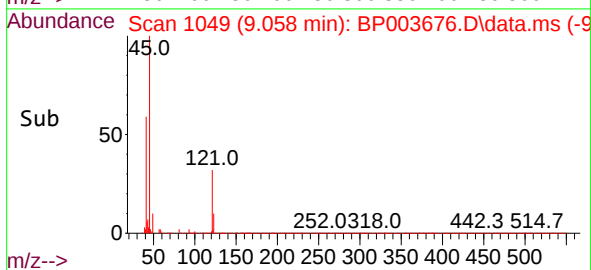
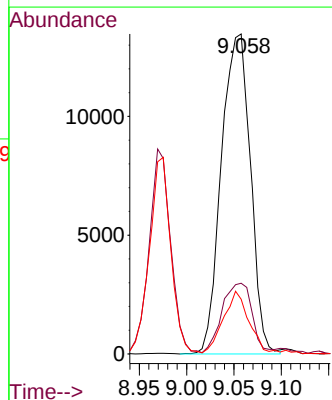
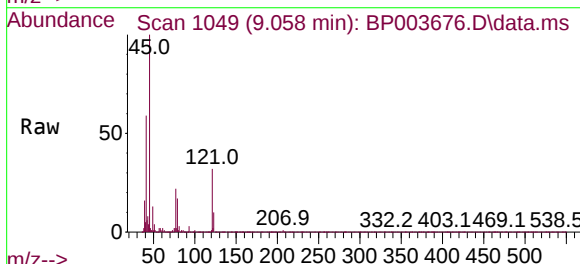
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

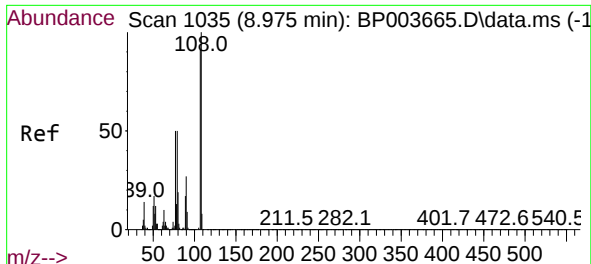
Tgt Ion: 79 Resp: 27783
Ion Ratio Lower Upper
79 100
108 68.3 73.5 110.3#
77 65.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.52 ng
RT: 9.058 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 45 Resp: 28782
Ion Ratio Lower Upper
45 100
77 22.1 2.3 42.3
79 17.1 0.0 36.6

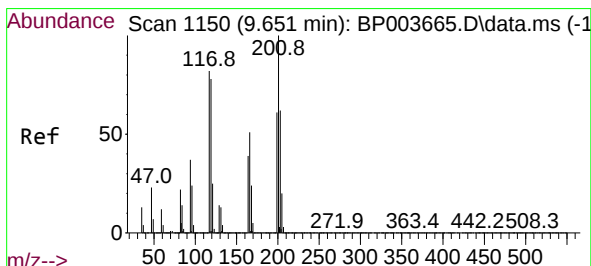
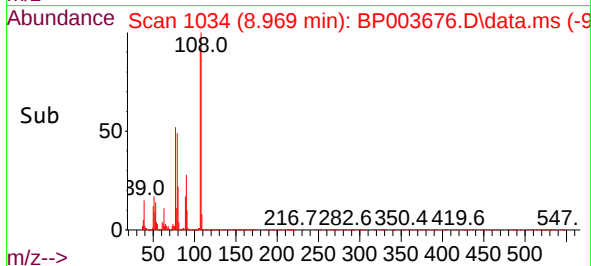
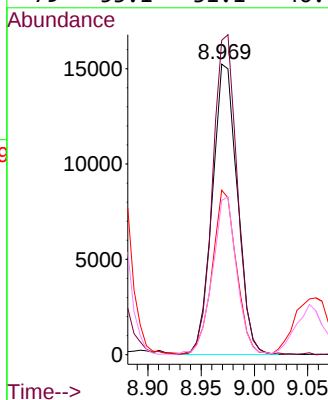
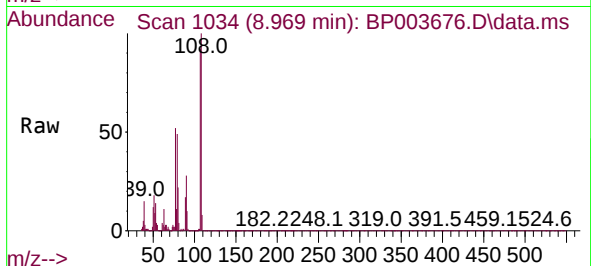




#17
2-Methylphenol
Concen: 3.62 ng
RT: 8.969 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

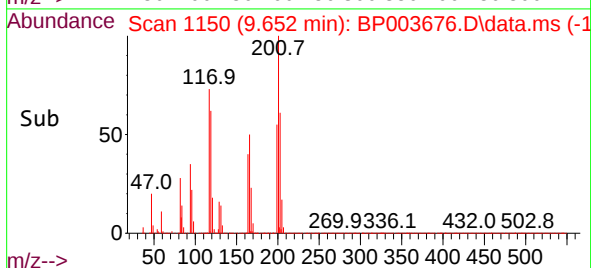
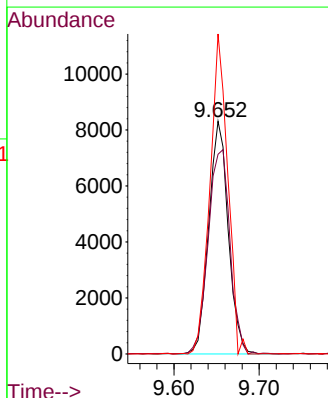
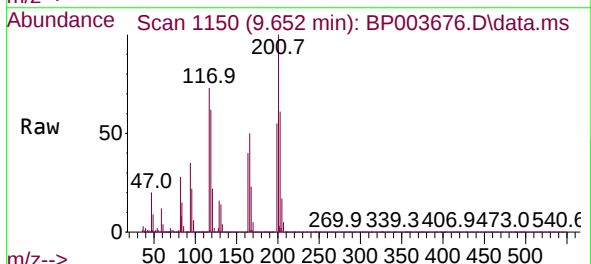
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

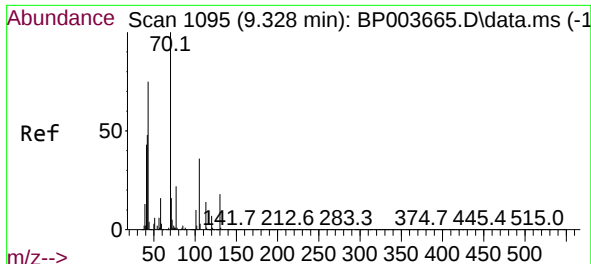
Tgt Ion:	107	Resp:	24934
Ion	Ratio	Lower	Upper
107	100		
108	108.2	89.6	134.4
77	56.6	31.8	47.6#
79	53.1	31.1	46.7#



#18
Hexachloroethane
Concen: 3.44 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	117	Resp:	13284
Ion	Ratio	Lower	Upper
117	100		
119	85.8	78.8	118.2
201	137.6	92.3	138.5

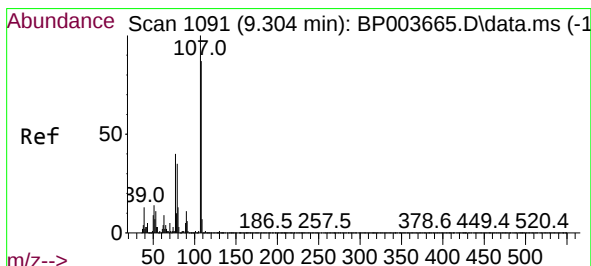
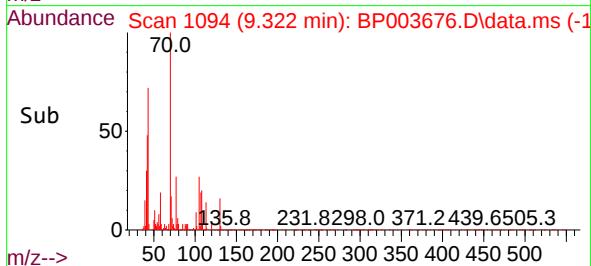
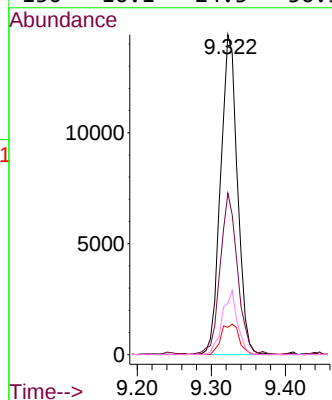
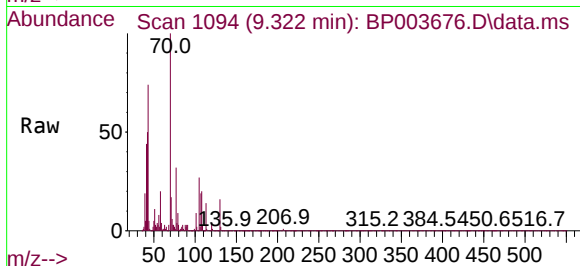




#19
n-Nitroso-di-n-propylamine
Concen: 3.41 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

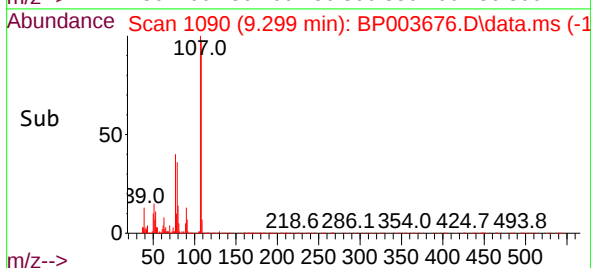
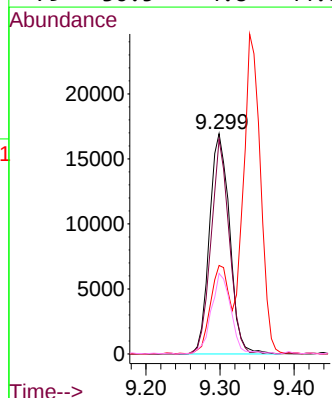
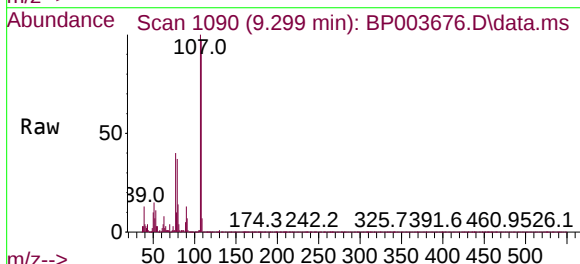
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

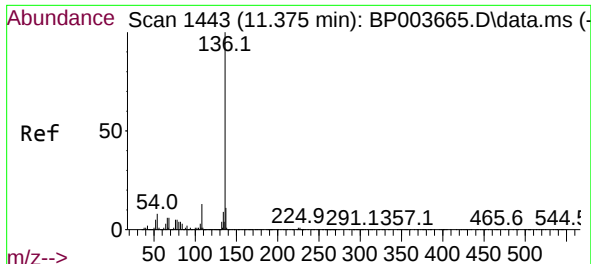
Tgt Ion:	70	Resp:	22724
Ion	Ratio	Lower	Upper
70	100		
42	50.4	32.8	49.2#
101	8.6	9.6	14.4#
130	16.1	24.3	36.5#



#20
3+4-Methylphenols
Concen: 3.45 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	107	Resp:	31971
Ion	Ratio	Lower	Upper
107	100		
108	97.5	69.0	109.0
77	40.1	8.5	48.5
79	36.5	4.8	44.8

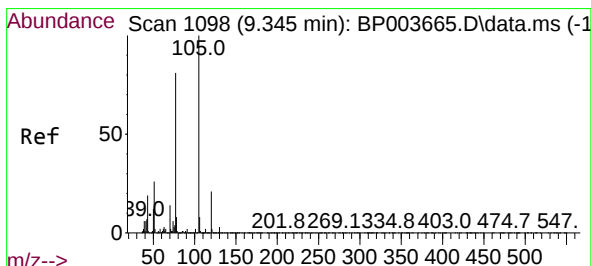
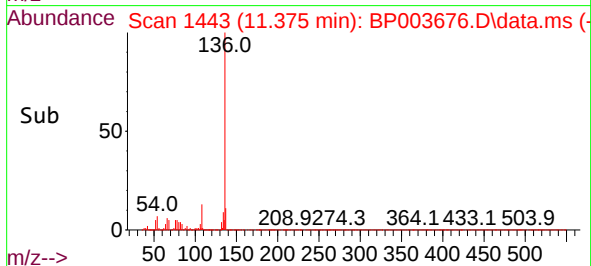
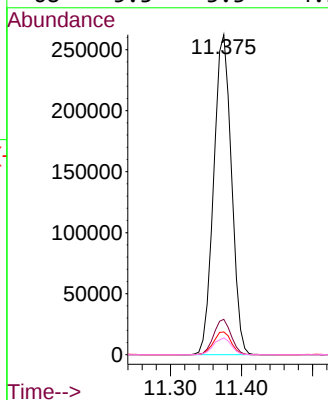
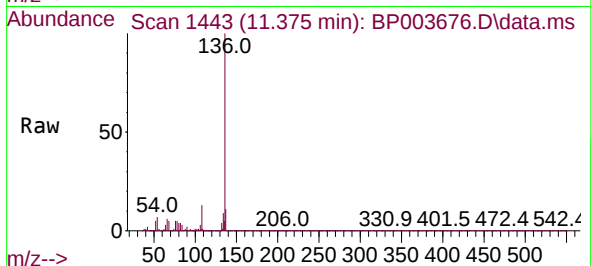




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

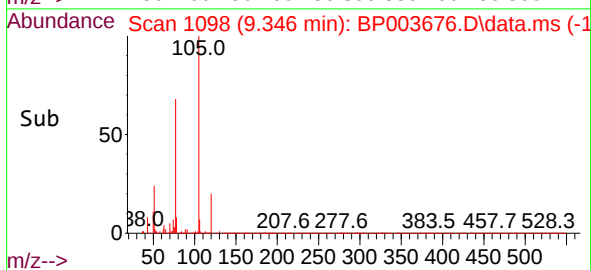
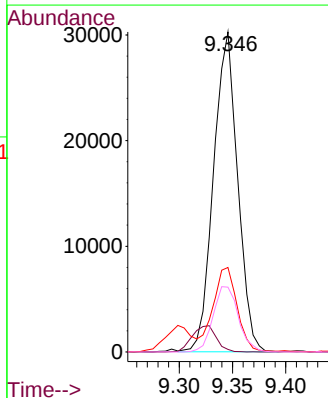
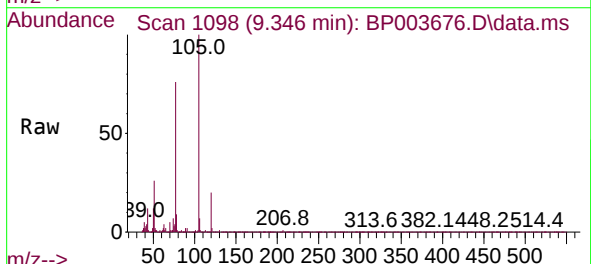
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

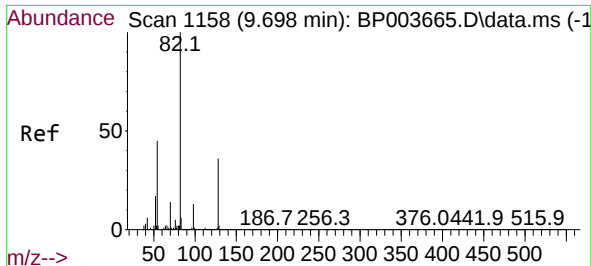
Tgt Ion:	136	Resp:	453651
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	7.1	3.6	5.4#
68	5.3	3.3	4.9#



#22
Acetophenone
Concen: 3.58 ng
RT: 9.346 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	105	Resp:	47552
Ion Ratio	Lower	Upper	
105	100		
71	0.8	2.6	3.8#
51	26.4	13.5	20.3#
120	20.3	19.6	29.4

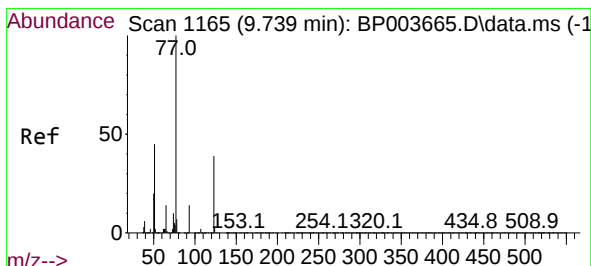
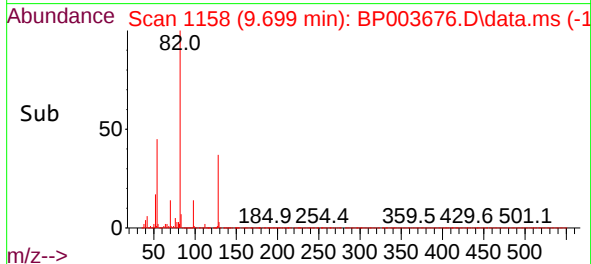
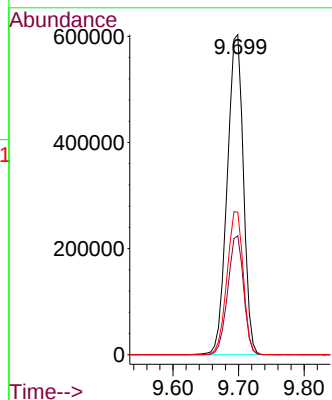
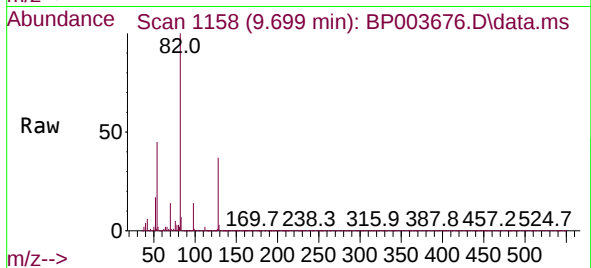




#23
Nitrobenzene-d5
Concen: 96.41 ng
RT: 9.699 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

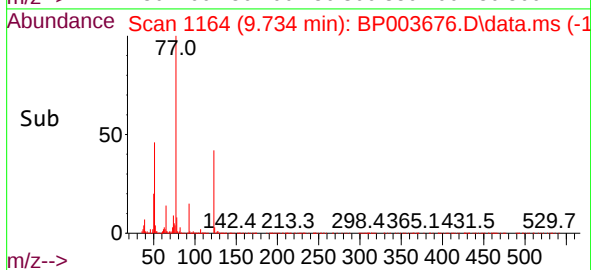
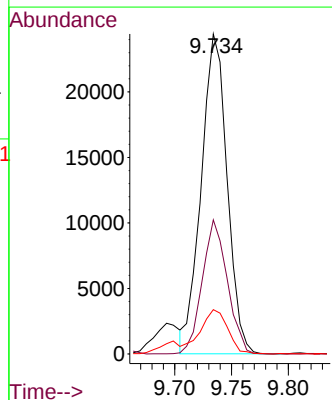
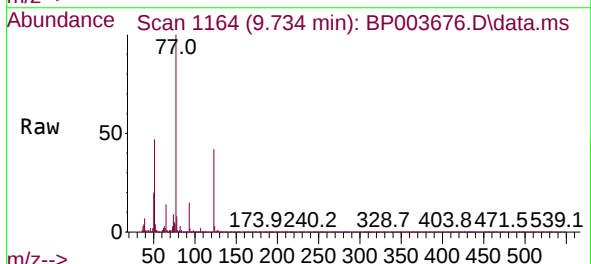
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

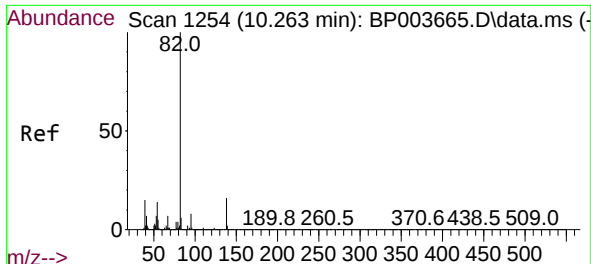
Tgt Ion: 82 Resp: 1033892
Ion Ratio Lower Upper
82 100
128 37.1 45.6 68.4#
54 44.6 30.1 45.1



#24
Nitrobenzene
Concen: 3.75 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 77 Resp: 38732
Ion Ratio Lower Upper
77 100
123 41.9 48.6 72.8#
65 13.8 10.0 15.0

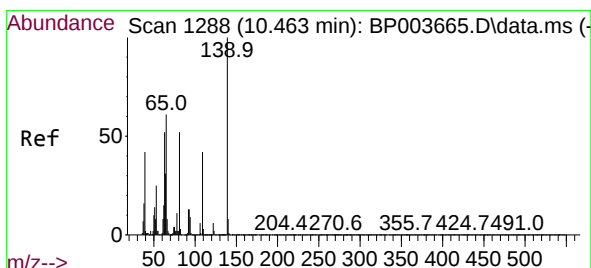
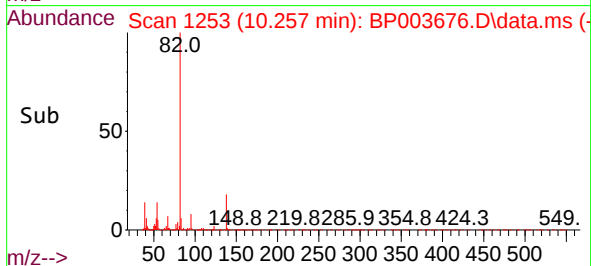
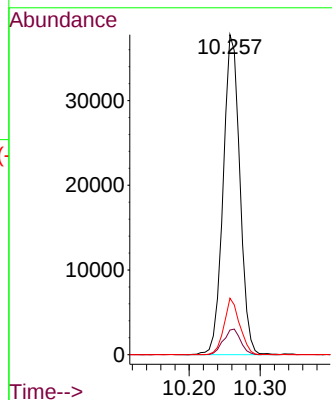
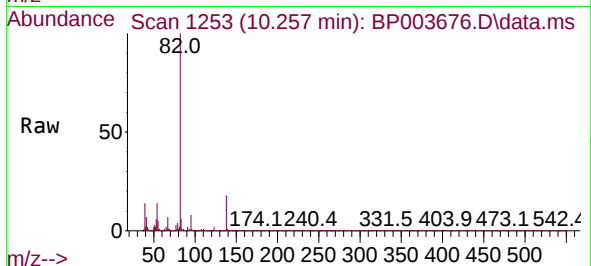




#25
Isophorone
Concen: 3.55 ng
RT: 10.257 min Scan# 1253
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

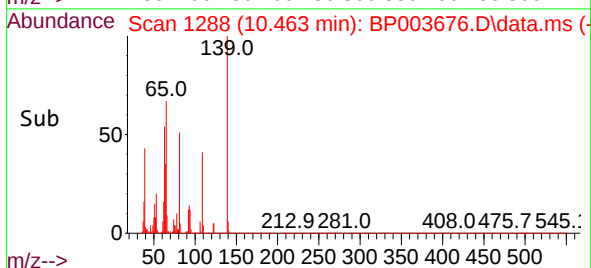
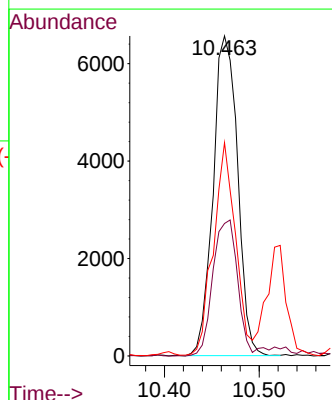
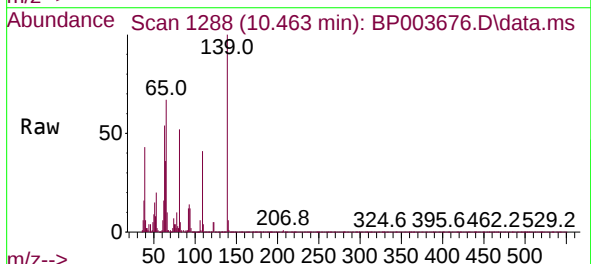
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

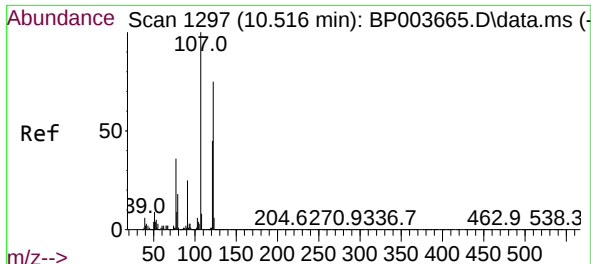
Tgt Ion: 82 Resp: 61376
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.7 18.7 28.1#



#26
2-Nitrophenol
Concen: 3.06 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 139 Resp: 11788
Ion Ratio Lower Upper
139 100
109 41.4 22.1 33.1#
65 66.7 26.5 39.7#

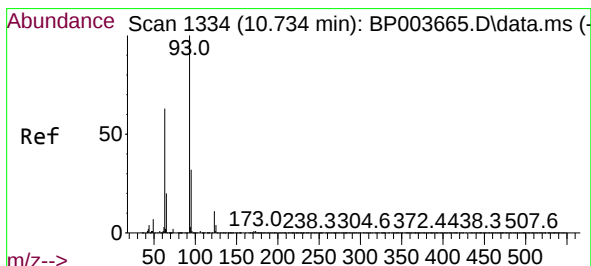
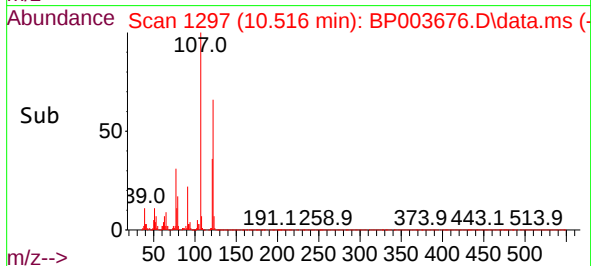
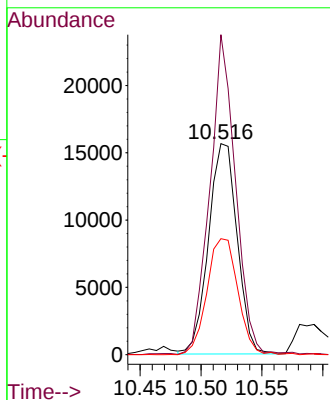
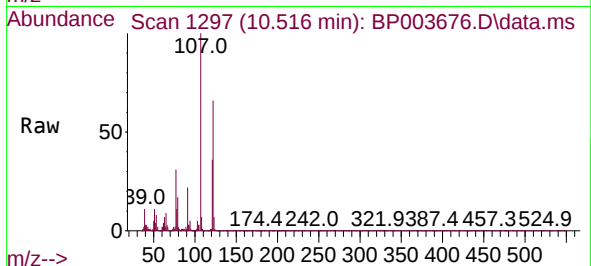




#27
2,4-Dimethylphenol
Concen: 4.22 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

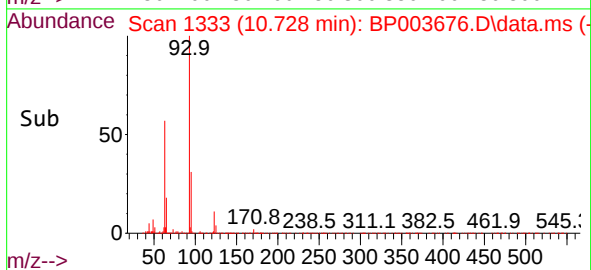
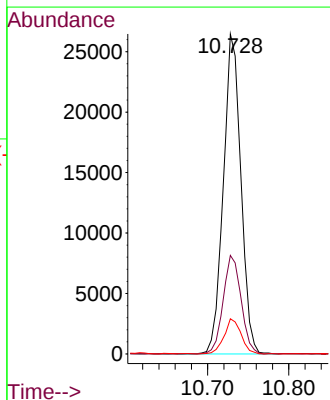
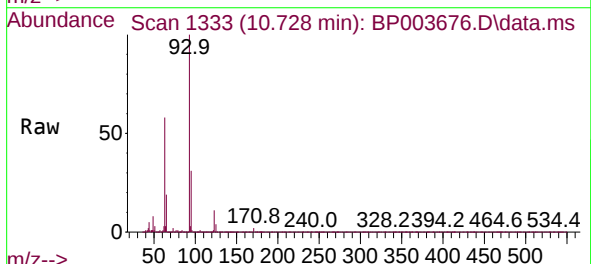
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

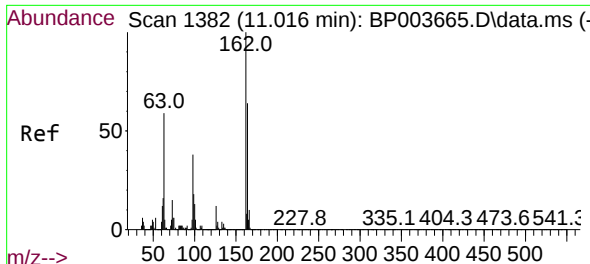
Tgt Ion:122 Resp: 25554
Ion Ratio Lower Upper
122 100
107 151.6 87.3 130.9#
121 54.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 3.61 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 93 Resp: 39758
Ion Ratio Lower Upper
93 100
95 30.8 26.7 40.1
123 11.0 10.5 15.7

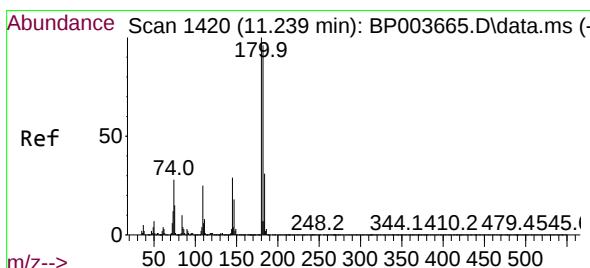
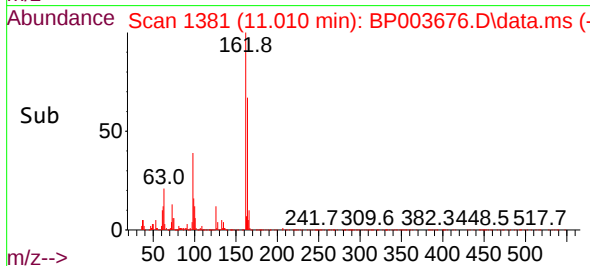
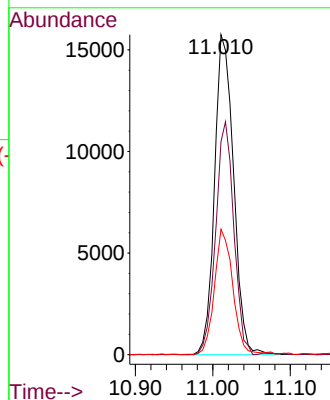
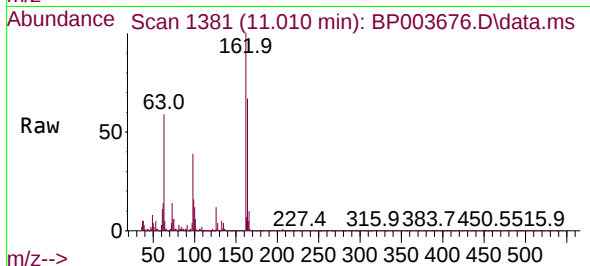




#29
2,4-Dichlorophenol
Concen: 3.39 ng
RT: 11.010 min Scan# 1381
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

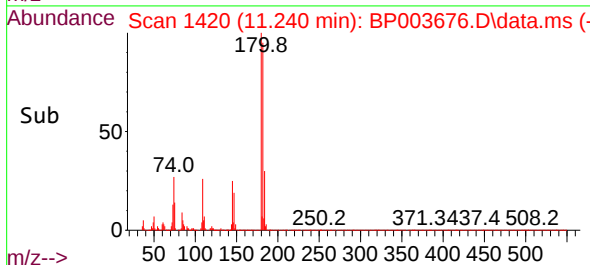
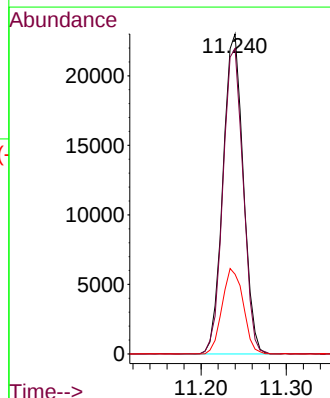
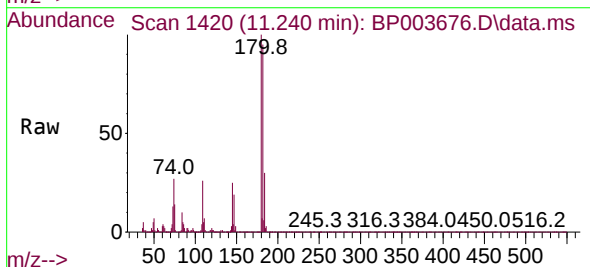
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

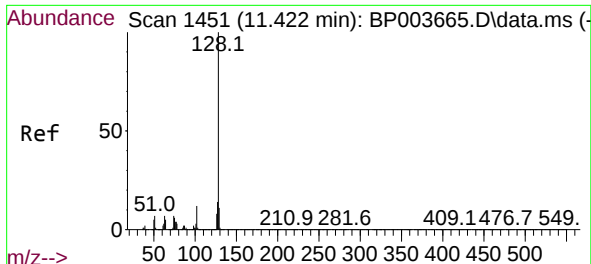
Tgt Ion:162 Resp: 26920
Ion Ratio Lower Upper
162 100
164 66.6 45.8 85.8
98 39.2 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 3.75 ng
RT: 11.240 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:180 Resp: 38149
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.2
145 24.9 23.8 35.8

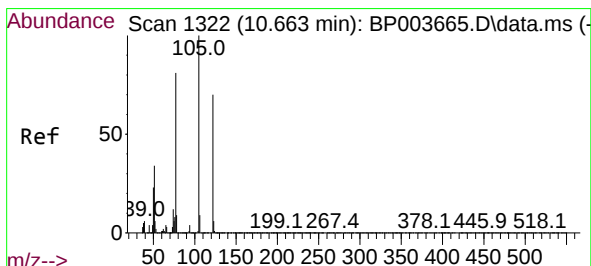
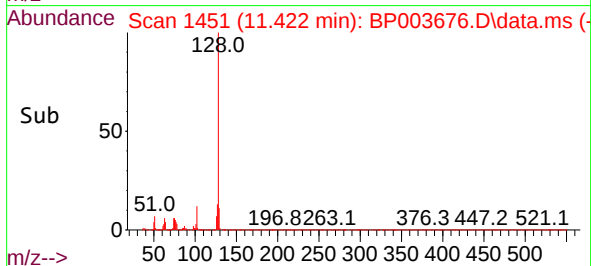
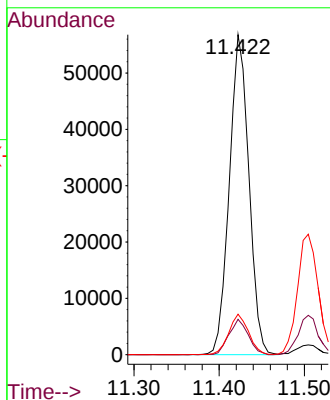
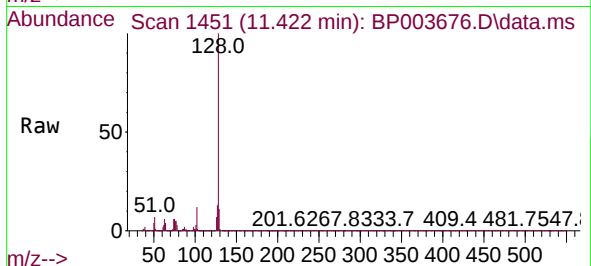




#31
Naphthalene
Concen: 3.70 ng
RT: 11.422 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

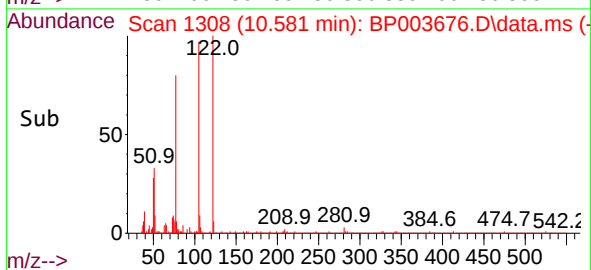
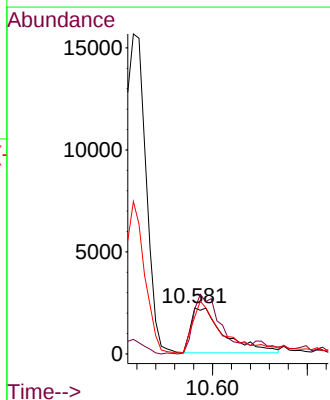
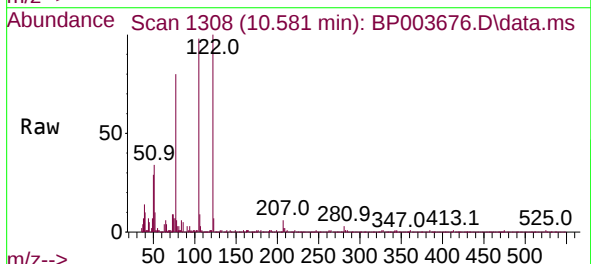
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

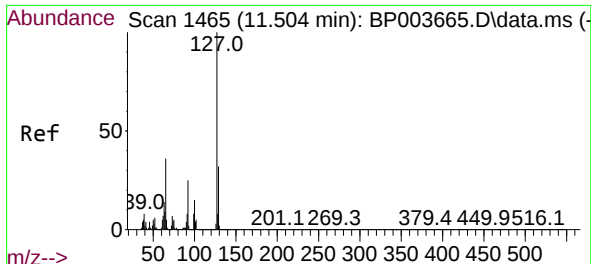
Tgt Ion:128 Resp: 90542
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 1.50 ng
RT: 10.581 min Scan# 1308
Delta R.T. -0.082 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:122 Resp: 5386
Ion Ratio Lower Upper
122 100
105 97.6 94.1 134.1
77 80.5 50.1 90.1

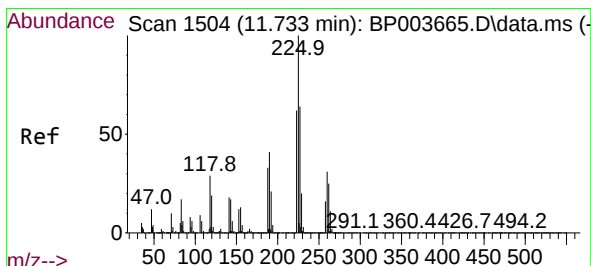
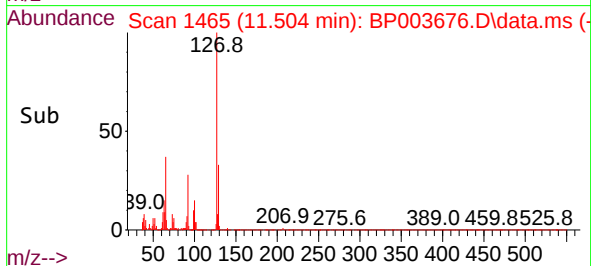
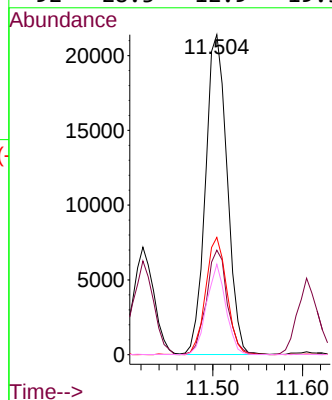
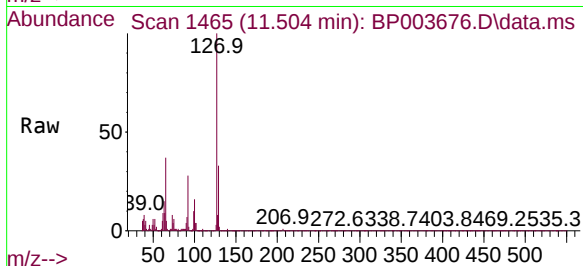




#33
4-Chloroaniline
Concen: 3.55 ng
RT: 11.504 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

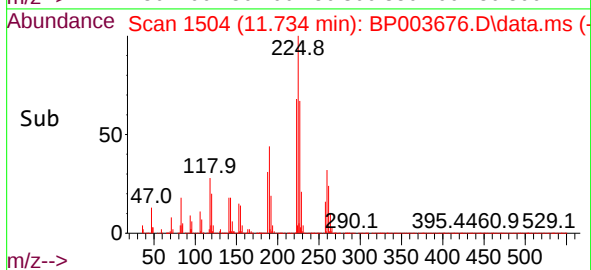
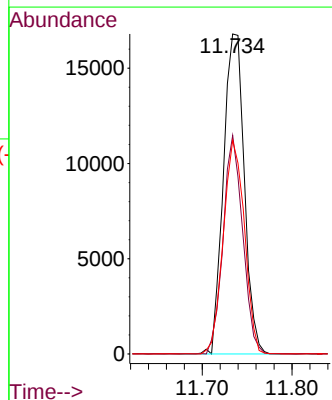
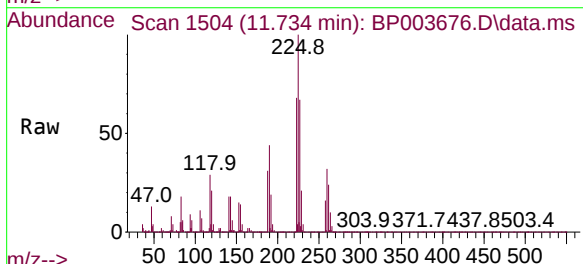
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

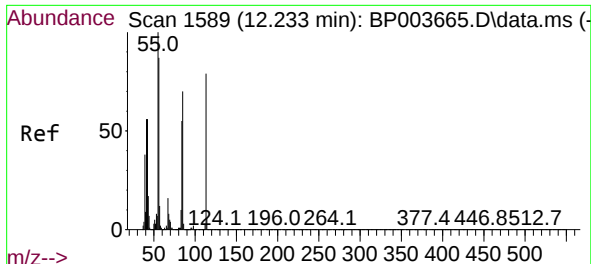
Tgt Ion:	127	Resp:	35826
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	36.7	17.3	25.9#
92	28.3	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 3.54 ng
RT: 11.734 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	225	Resp:	27165
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.1	75.1
227	66.4	51.4	77.2

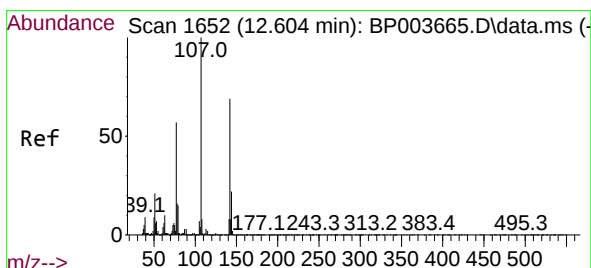
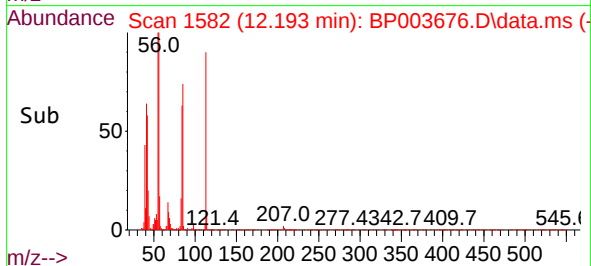
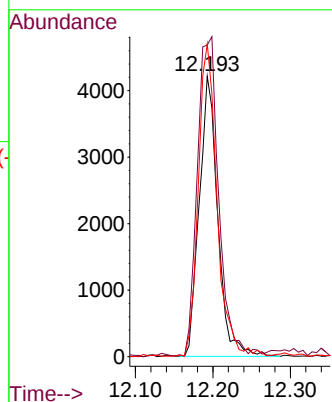
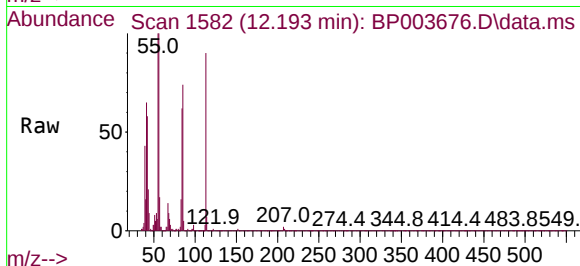




#35
Caprolactam
Concen: 3.00 ng
RT: 12.193 min Scan# 1582
Delta R.T. -0.041 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

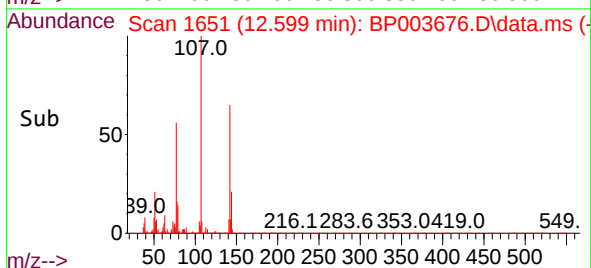
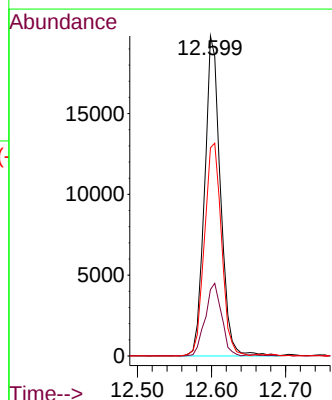
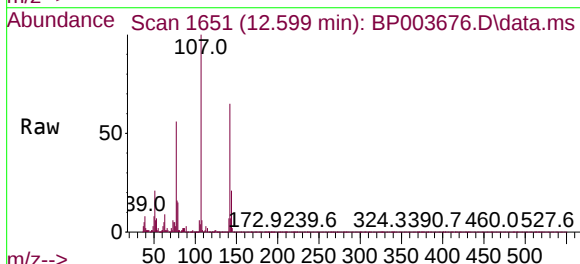
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

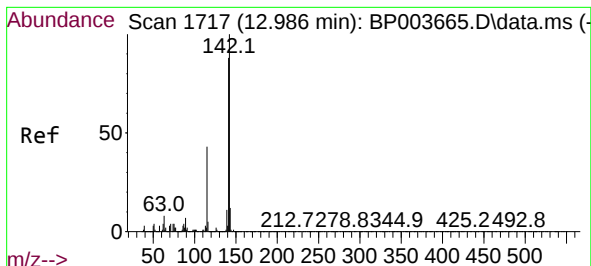
Tgt Ion:113 Resp: 6985
Ion Ratio Lower Upper
113 100
55 111.1 77.3 117.3
56 111.6 55.9 95.9#



#36
4-Chloro-3-methylphenol
Concen: 3.41 ng
RT: 12.599 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:107 Resp: 29413
Ion Ratio Lower Upper
107 100
144 20.8 22.7 34.1#
142 65.1 70.7 106.1#

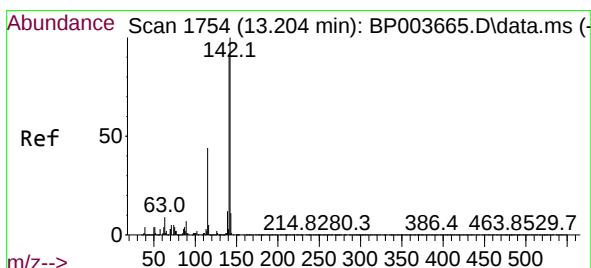
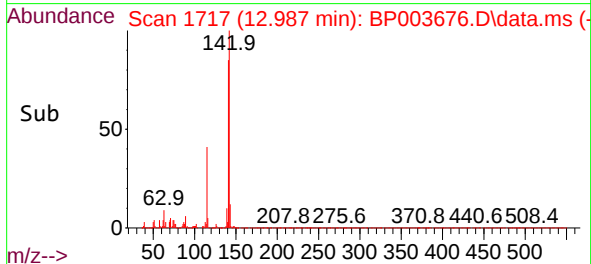
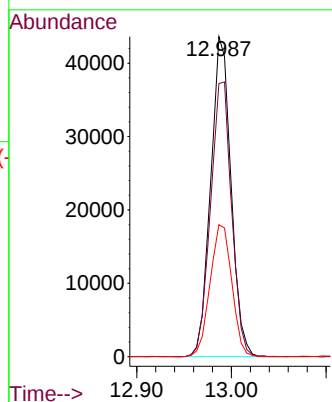
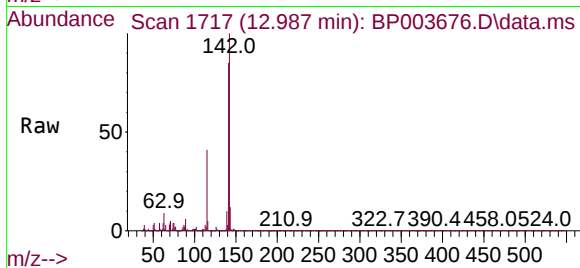




#37
2-Methylnaphthalene
Concen: 3.67 ng
RT: 12.987 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

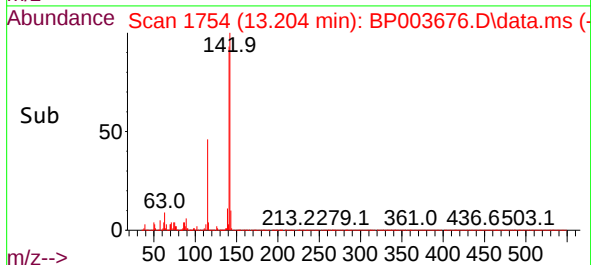
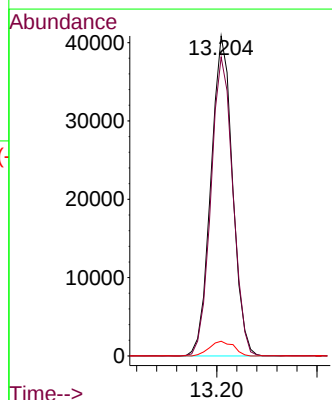
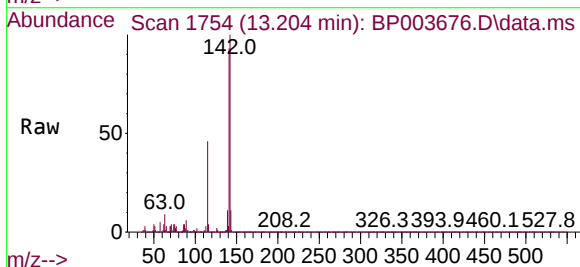
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

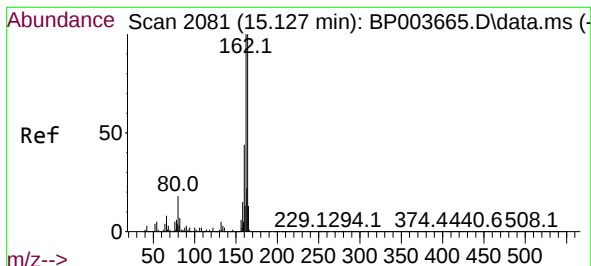
Tgt Ion:142 Resp: 65041
Ion Ratio Lower Upper
142 100
141 85.4 71.4 107.2
115 41.3 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 3.66 ng
RT: 13.204 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:142 Resp: 61358
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.6 2.9 4.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.128 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

Tgt Ion:164 Resp: 311894

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.2

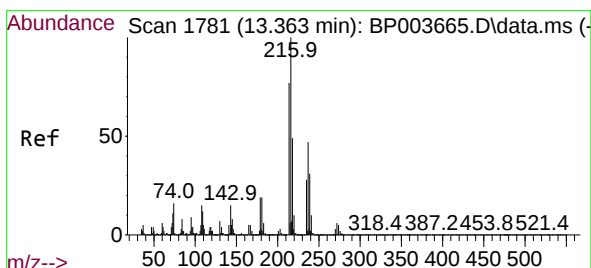
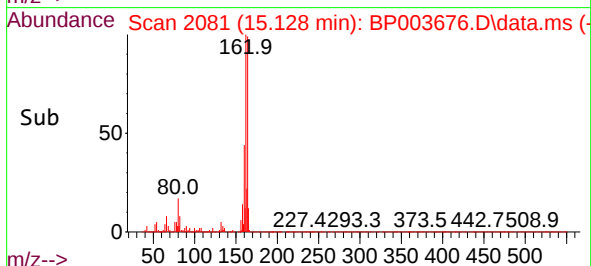
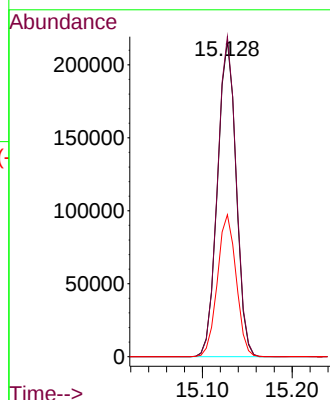
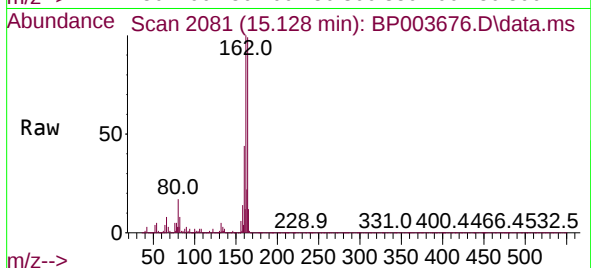
160 45.0 36.1 54.1

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.74 ng

RT: 13.363 min Scan# 1781

Delta R.T. 0.000 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

Tgt Ion:216 Resp: 46255

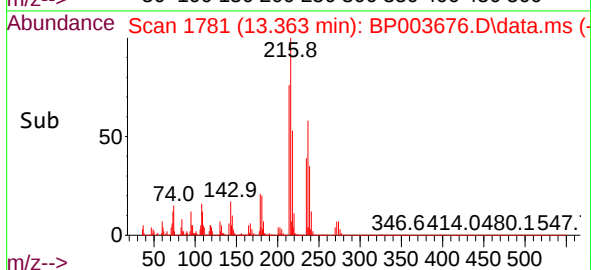
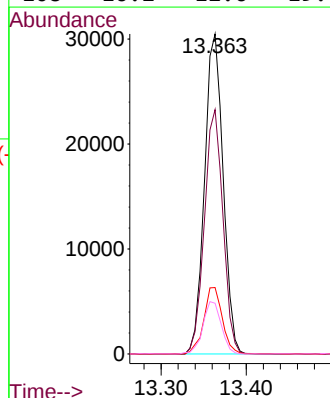
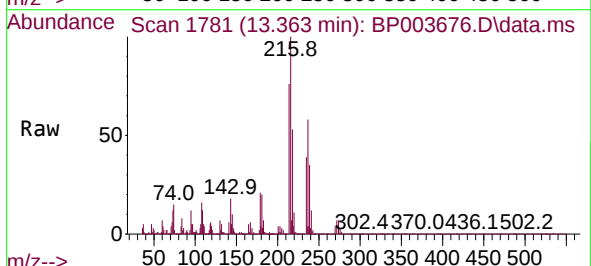
Ion Ratio Lower Upper

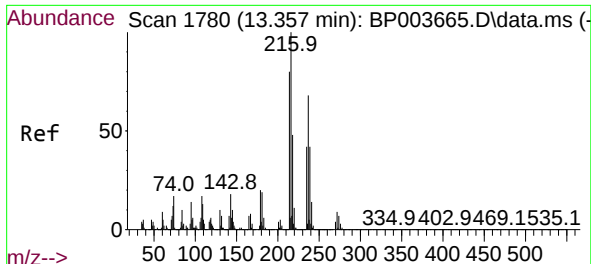
216 100

214 76.1 63.0 94.6

179 20.6 16.9 25.3

108 16.2 12.6 19.0

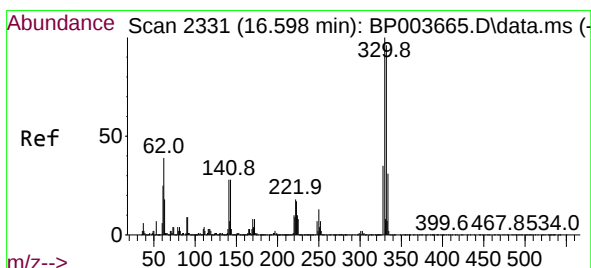
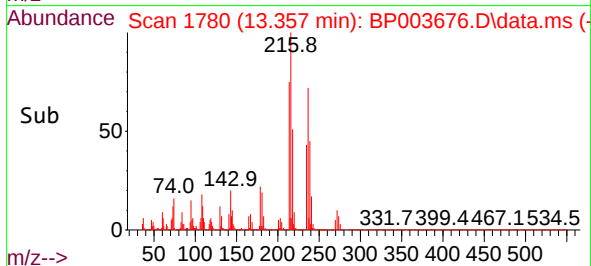
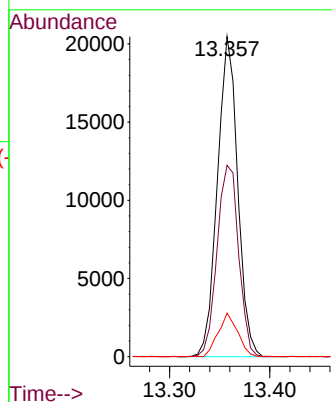
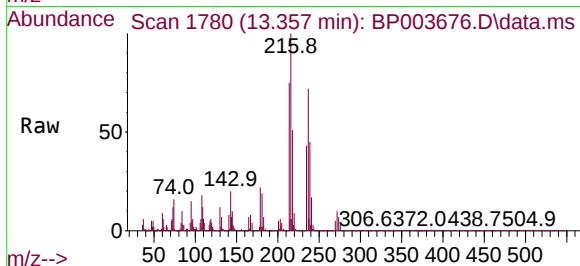




#41
Hexachlorocyclopentadiene
Concen: 4.02 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

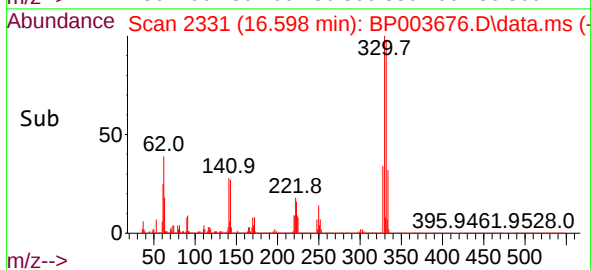
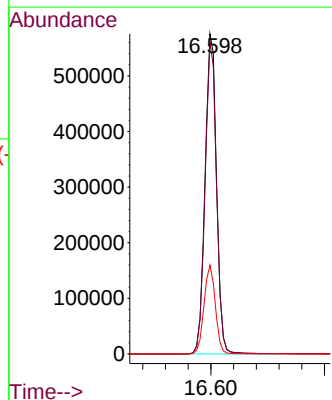
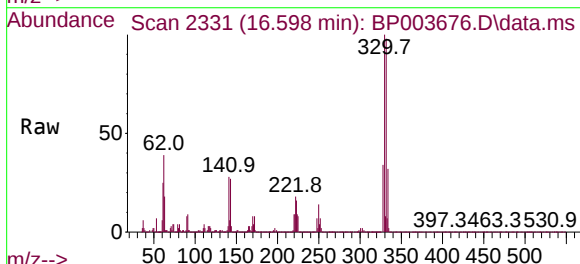
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

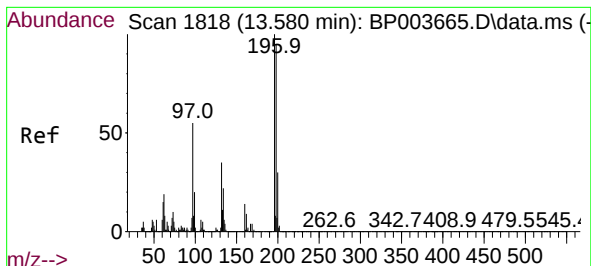
Tgt Ion:	237	Resp:	28744
Ion	Ratio	Lower	Upper
237	100		
235	59.8	43.2	83.2
272	13.6	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 165.58 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	330	Resp:	805682
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	27.5	23.4	35.2

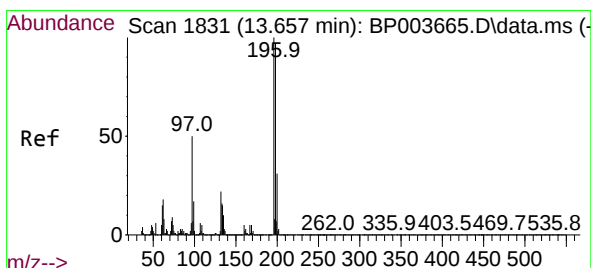
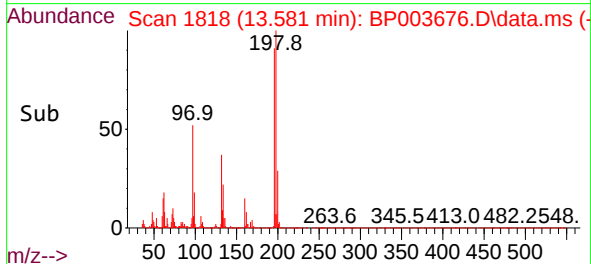
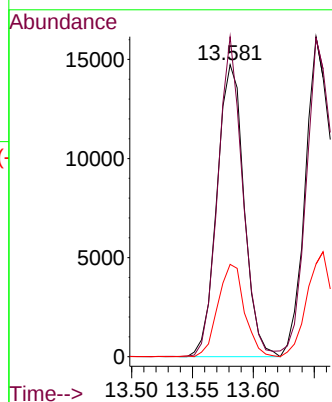
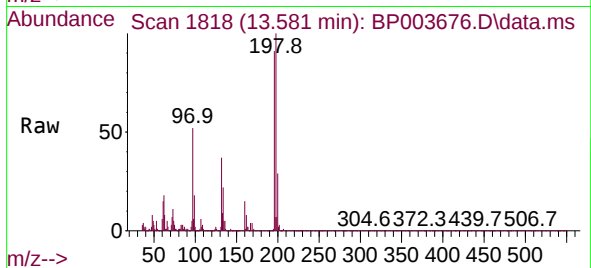




#43
2,4,6-Trichlorophenol
Concen: 3.10 ng
RT: 13.581 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

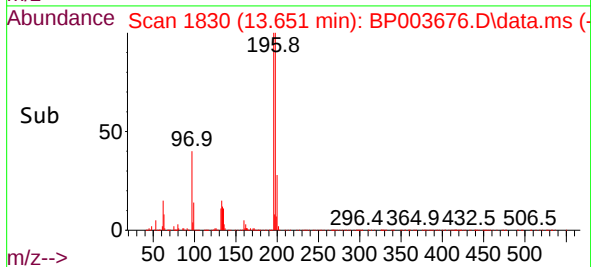
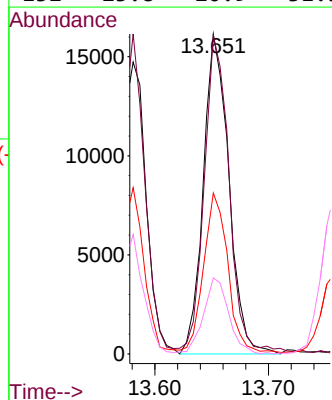
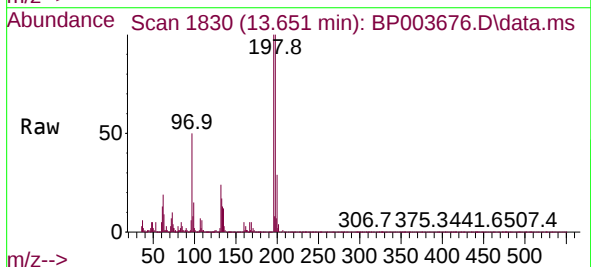
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

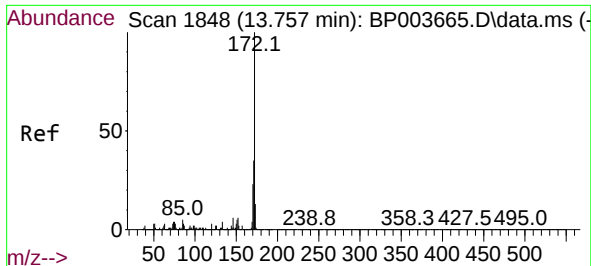
Tgt Ion:196 Resp: 22783
Ion Ratio Lower Upper
196 100
198 109.6 77.0 115.6
200 31.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 3.30 ng
RT: 13.651 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:196 Resp: 25226
Ion Ratio Lower Upper
196 100
198 99.6 77.3 115.9
97 50.3 31.0 46.4#
132 23.8 20.9 31.3

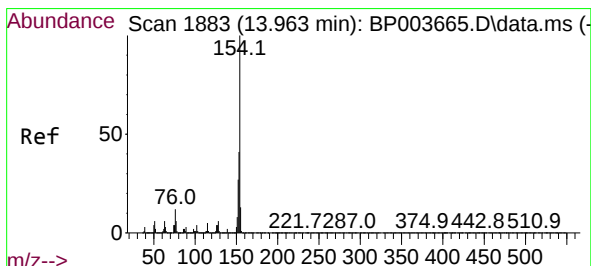
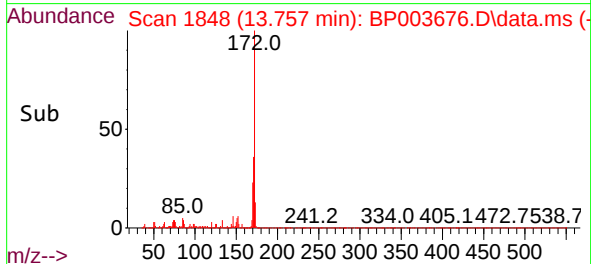
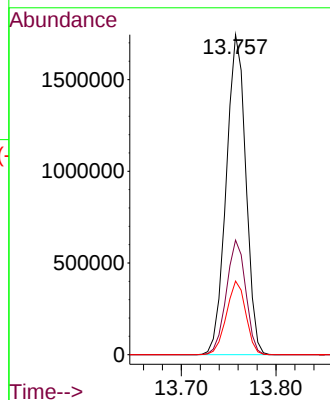
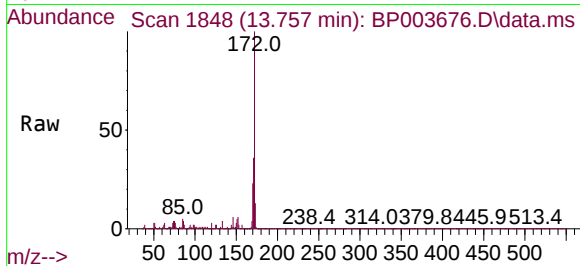




#45
2-Fluorobiphenyl
Concen: 103.87 ng
RT: 13.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

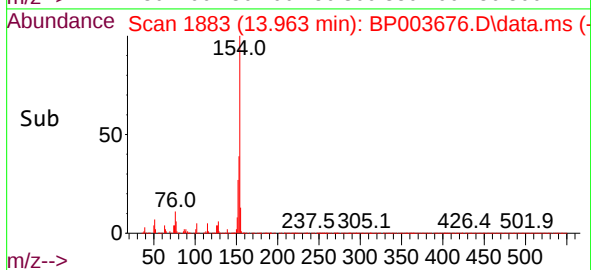
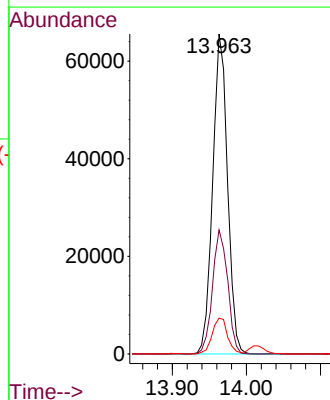
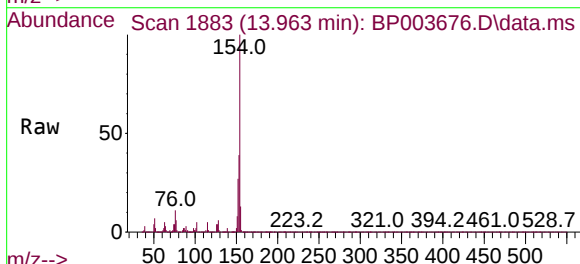
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

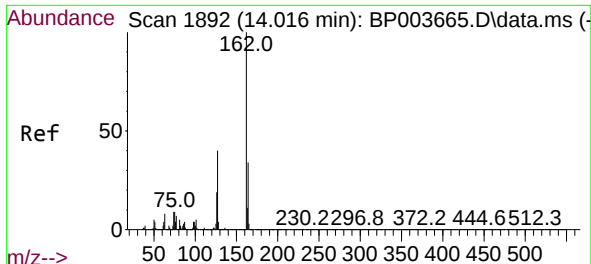
Tgt Ion:172 Resp: 2505951
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.0 19.2 28.8



#46
1,1'-Biphenyl
Concen: 3.73 ng
RT: 13.963 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:154 Resp: 90783
Ion Ratio Lower Upper
154 100
153 38.8 20.4 60.4
76 11.2 0.0 29.3

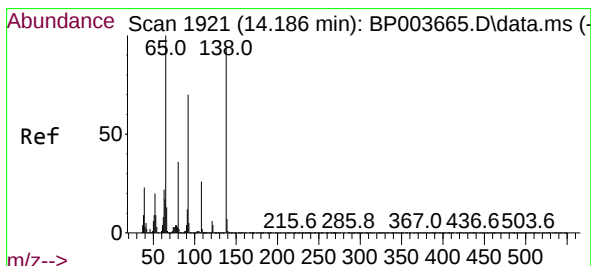
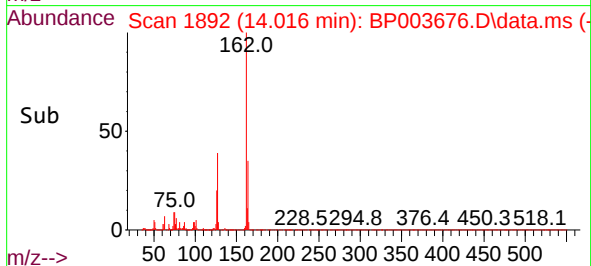
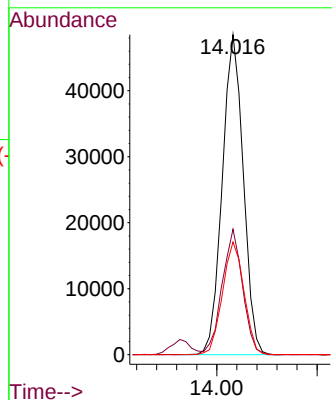
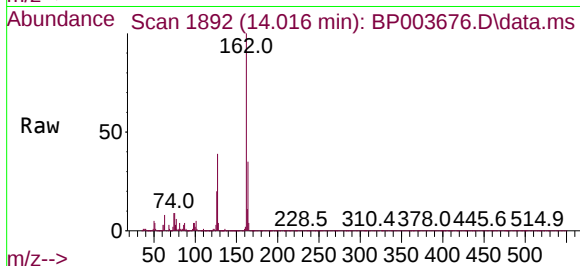




#47
2-Chloronaphthalene
Concen: 3.46 ng
RT: 14.016 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

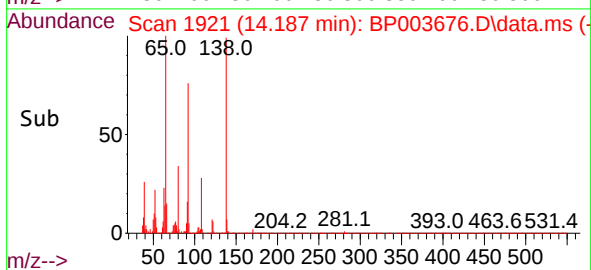
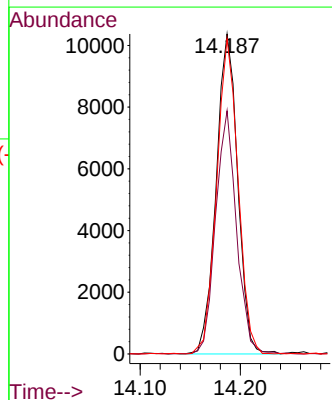
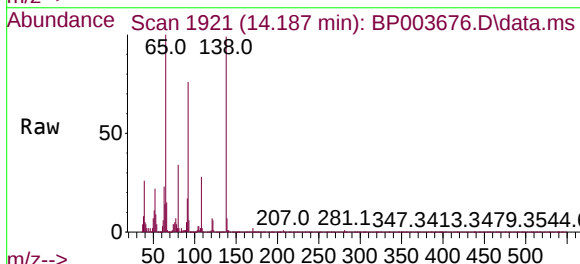
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

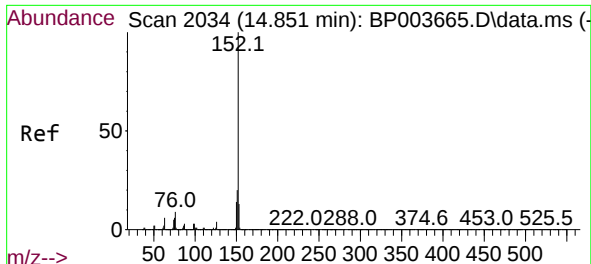
Tgt Ion:	162	Resp:	70389
Ion	Ratio	Lower	Upper
162	100		
127	39.2	29.9	44.9
164	35.2	26.1	39.1



#48
2-Nitroaniline
Concen: 2.57 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	65	Resp:	15435
Ion	Ratio	Lower	Upper
65	100		
92	76.0	70.6	106.0
138	98.5	133.6	200.4

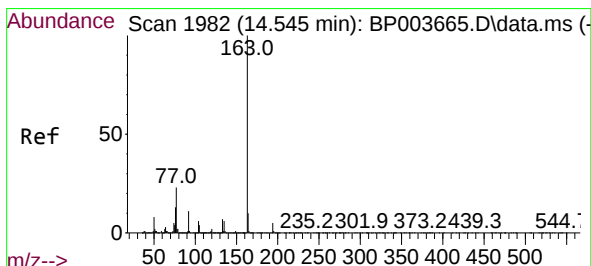
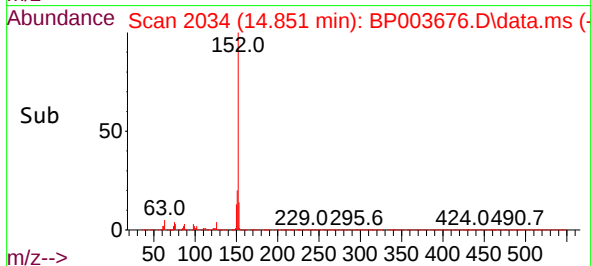
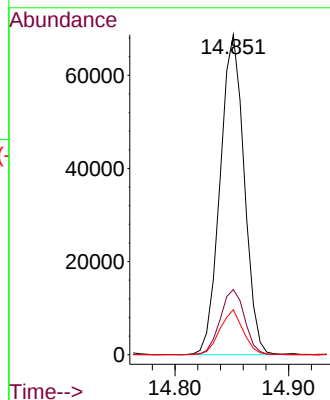
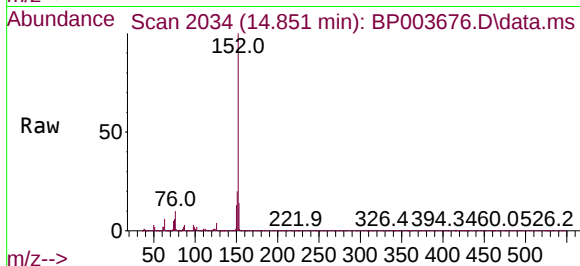




#49
Acenaphthylene
Concen: 3.48 ng
RT: 14.851 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

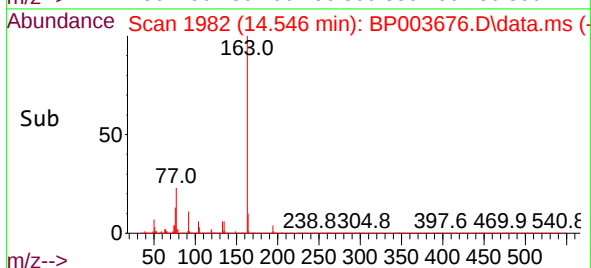
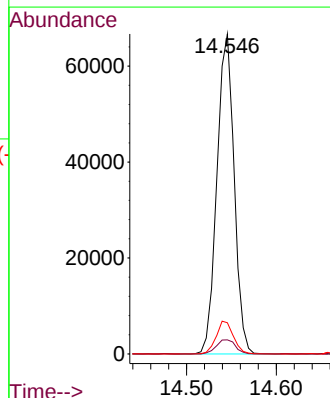
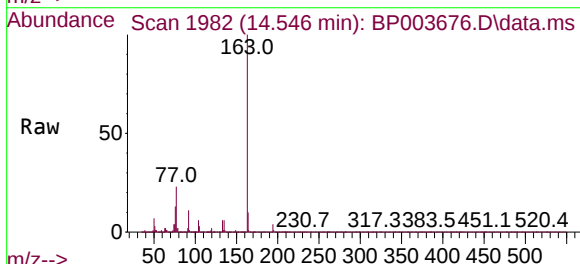
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

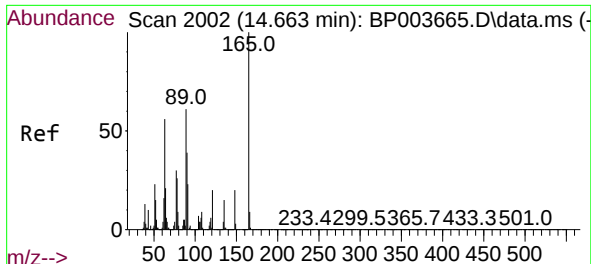
Tgt Ion:152 Resp: 101062
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 14.0 10.5 15.7



#50
Dimethylphthalate
Concen: 3.46 ng
RT: 14.546 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:163 Resp: 88779
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.8 8.2 12.2

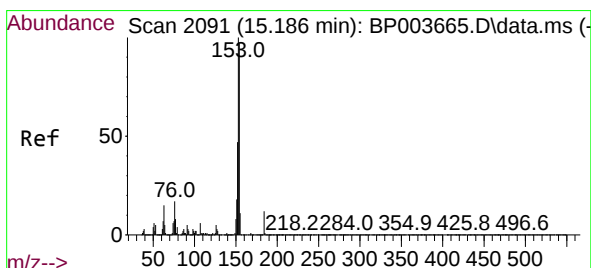
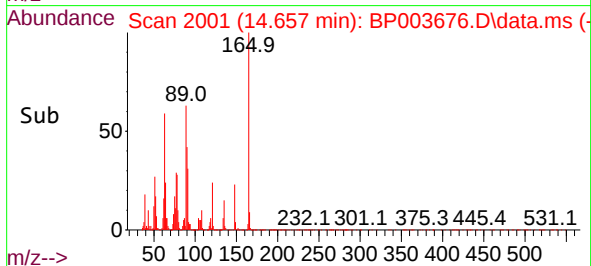
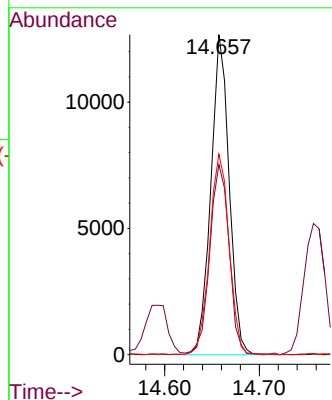
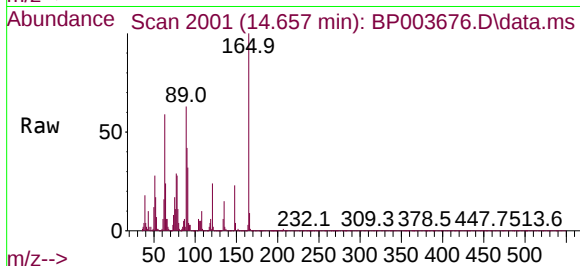




#51
2,6-Dinitrotoluene
Concen: 3.26 ng
RT: 14.657 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

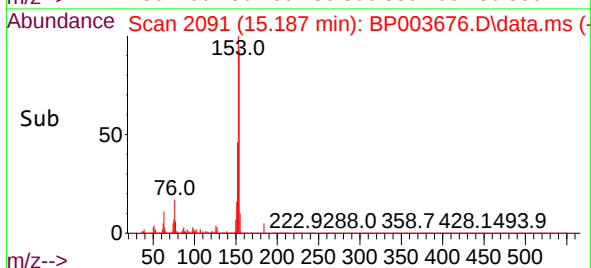
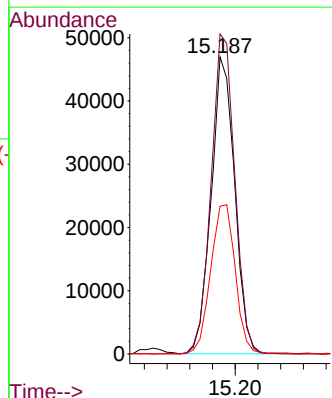
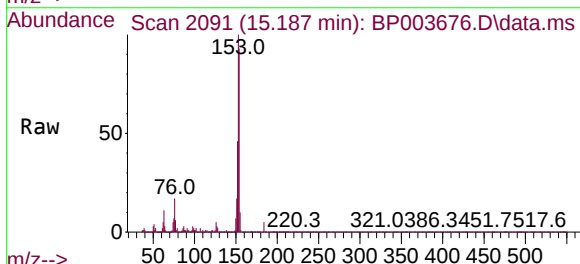
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

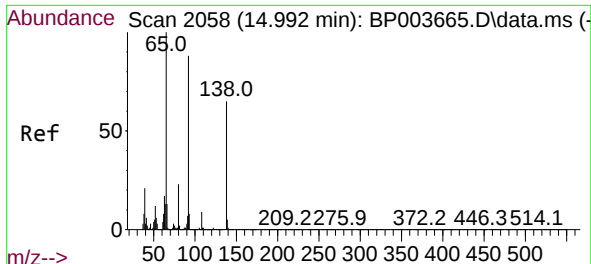
Tgt Ion:165 Resp: 17010
Ion Ratio Lower Upper
165 100
63 59.4 27.8 41.6#
89 62.7 34.6 52.0#



#52
Acenaphthene
Concen: 3.45 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:154 Resp: 67546
Ion Ratio Lower Upper
154 100
153 107.7 91.0 136.6
152 49.7 43.0 64.6

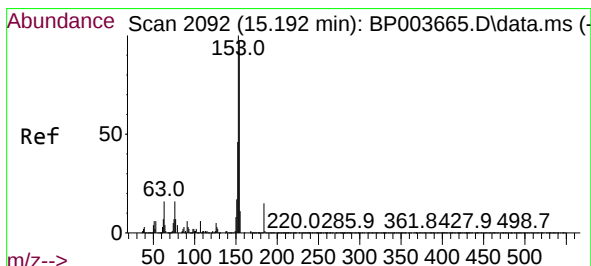
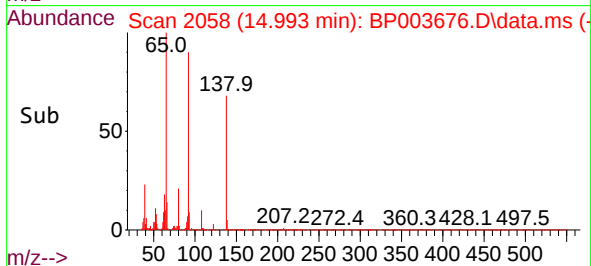
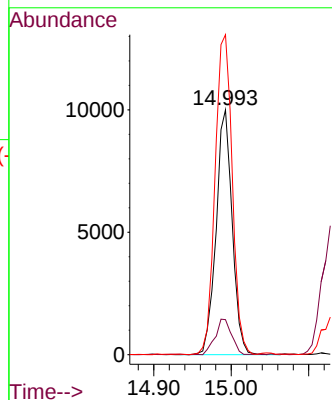
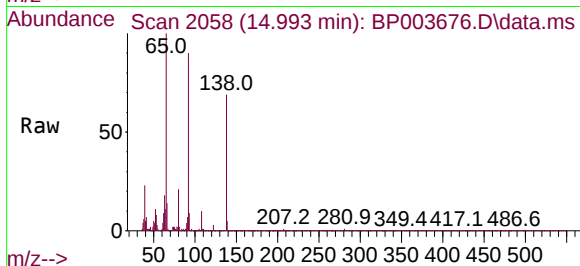




#53
3-Nitroaniline
Concen: 2.82 ng
RT: 14.993 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

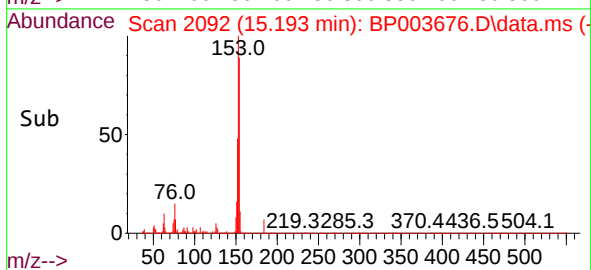
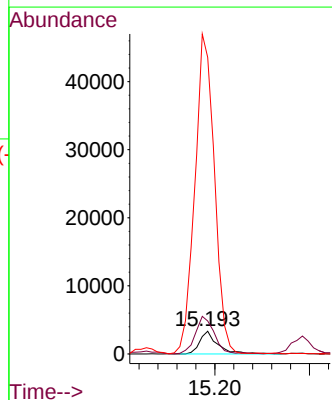
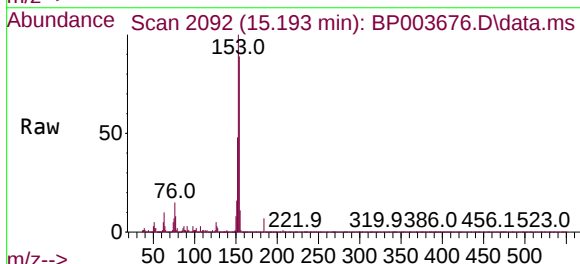
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

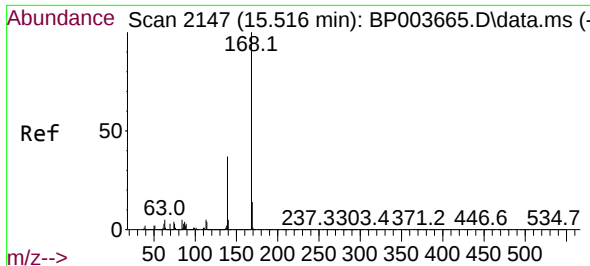
Tgt Ion:138 Resp: 14406
Ion Ratio Lower Upper
138 100
108 14.3 7.5 11.3#
92 130.7 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 1.85 ng
RT: 15.193 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:184 Resp: 4418
Ion Ratio Lower Upper
184 100
63 145.7 32.3 48.5#
154 1308.0 49.1 73.7#

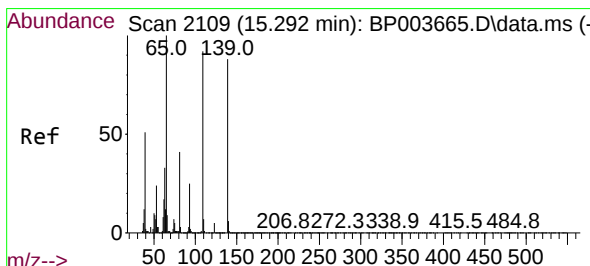
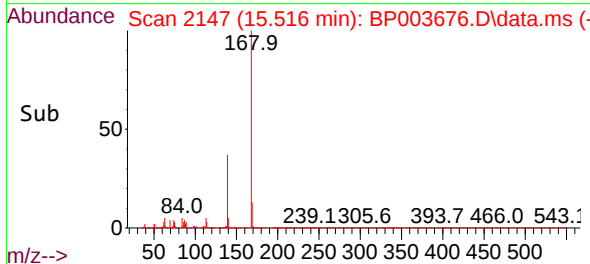
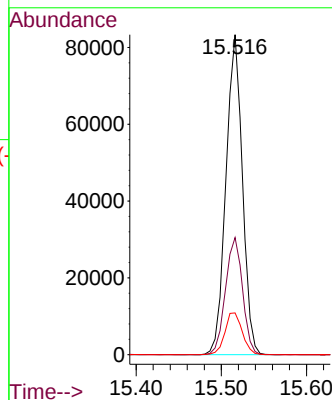
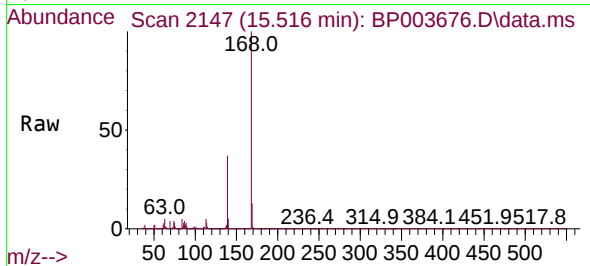




#55
Dibenzofuran
Concen: 3.77 ng
RT: 15.516 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

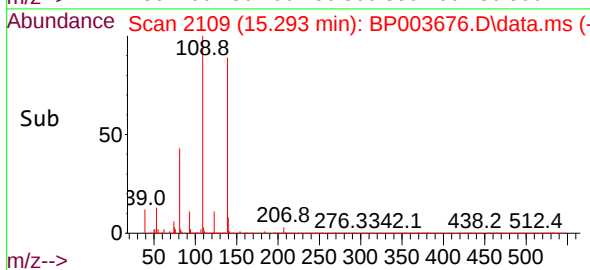
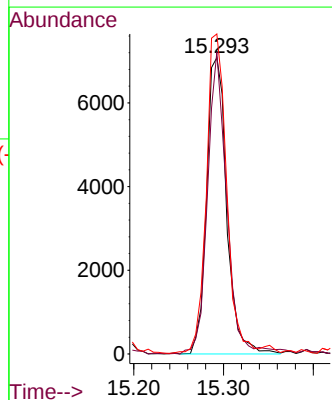
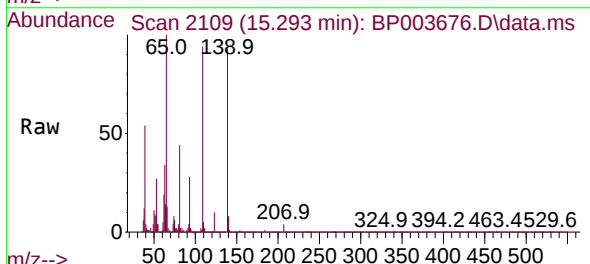
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

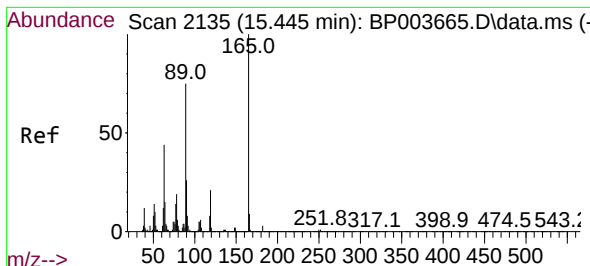
Tgt Ion:168 Resp: 111734
Ion Ratio Lower Upper
168 100
139 36.6 29.1 43.7
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 2.88 ng
RT: 15.293 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:139 Resp: 11028
Ion Ratio Lower Upper
139 100
109 101.9 44.6 84.6#
65 108.0 41.6 81.6#

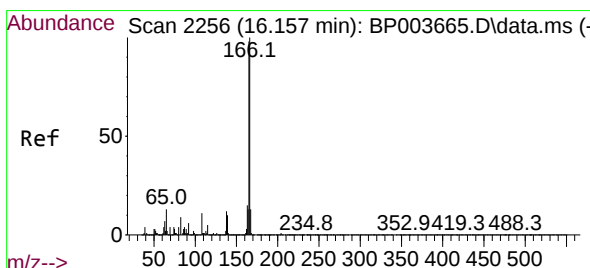
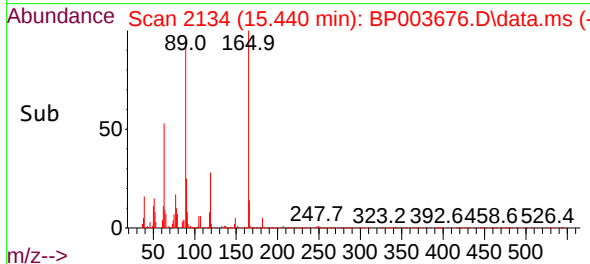
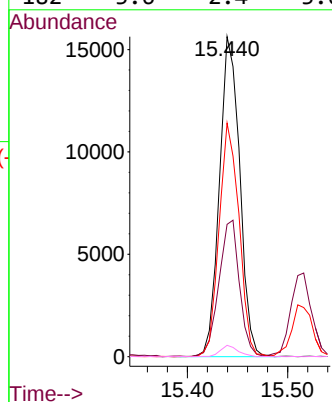
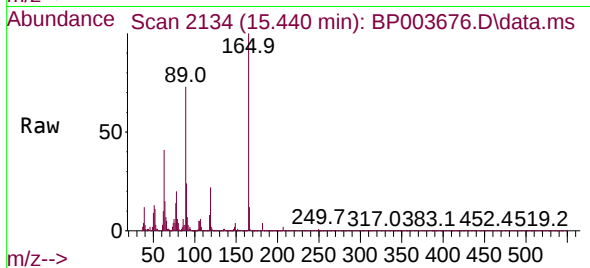




#57
2,4-Dinitrotoluene
Concen: 3.11 ng
RT: 15.440 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

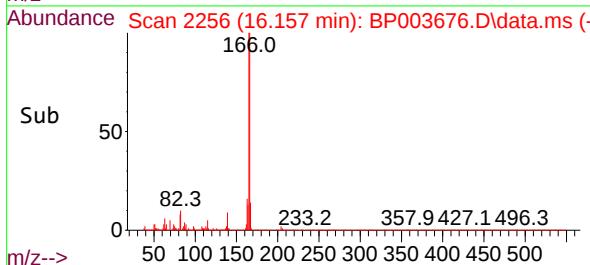
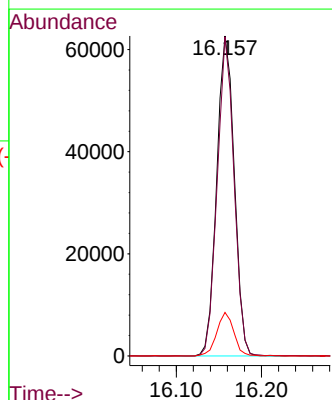
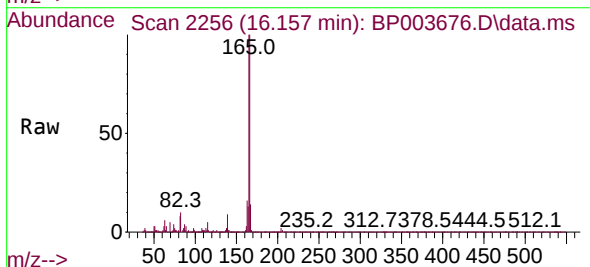
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

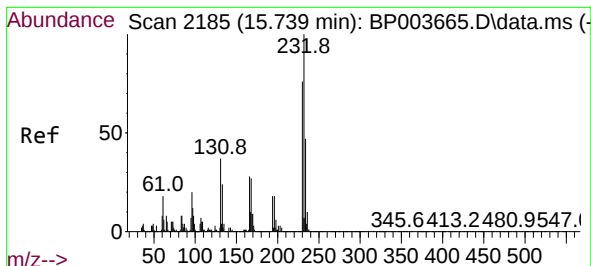
Tgt Ion:165 Resp: 21931
Ion Ratio Lower Upper
165 100
63 41.3 20.6 31.0#
89 73.0 42.6 63.8#
182 3.6 2.4 3.6



#58
Fluorene
Concen: 3.75 ng
RT: 16.157 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:166 Resp: 89761
Ion Ratio Lower Upper
166 100
165 99.7 77.8 116.8
167 13.6 11.0 16.4

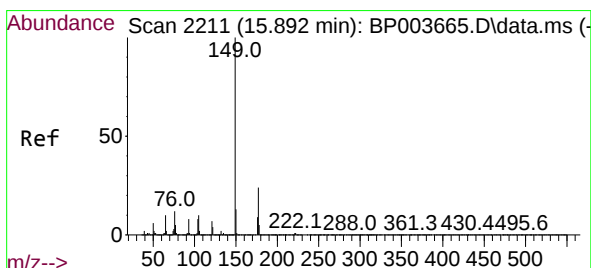
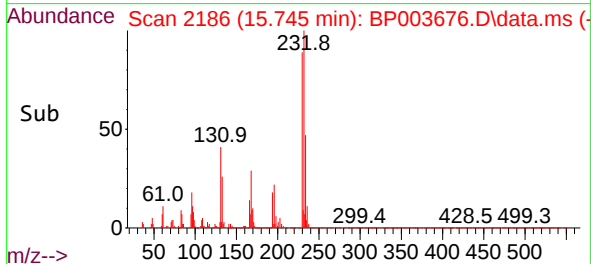
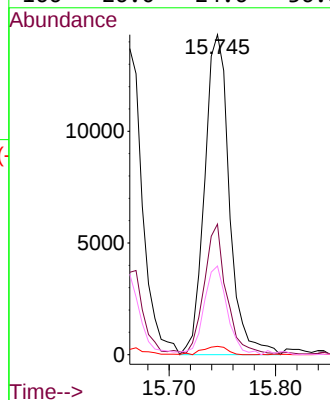
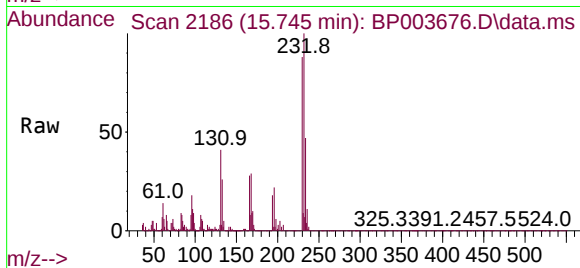




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.15 ng
RT: 15.745 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

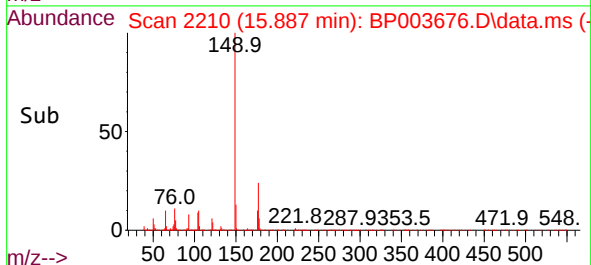
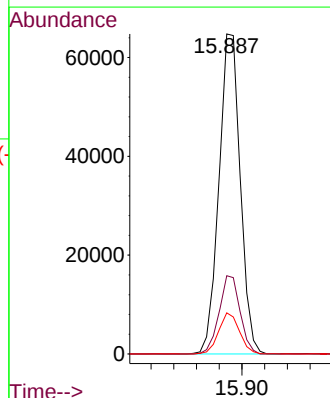
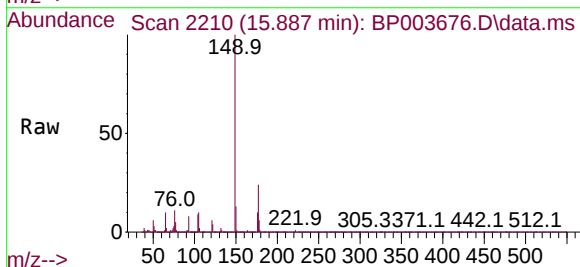
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

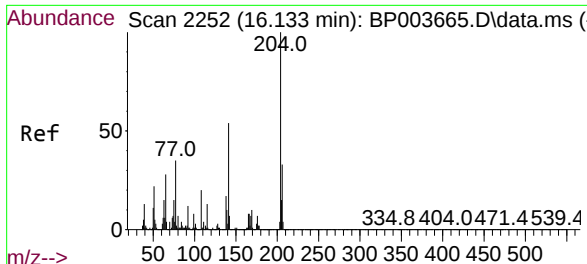
Tgt Ion:232	Resp:	23092
Ion Ratio	Lower	Upper
232	100	
131	35.7	34.1 51.1
130	2.6	1.8 2.8
166	26.0	24.6 36.8



#60
Diethylphthalate
Concen: 3.36 ng
RT: 15.887 min Scan# 2210
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:149	Resp:	84432
Ion Ratio	Lower	Upper
149	100	
177	24.4	18.0 27.0
150	12.9	10.0 15.0

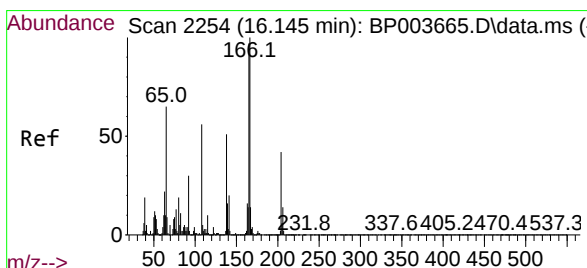
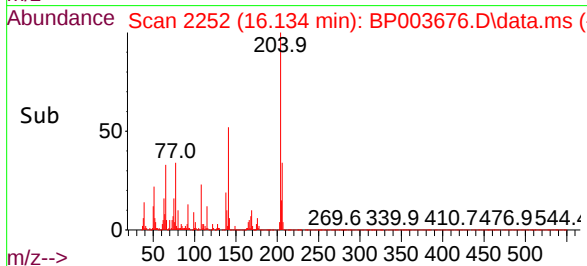
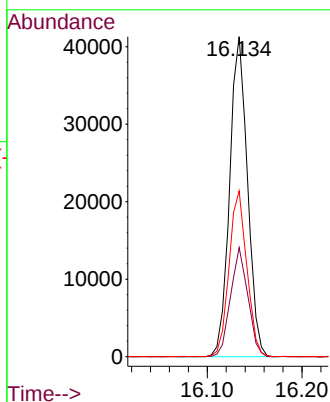
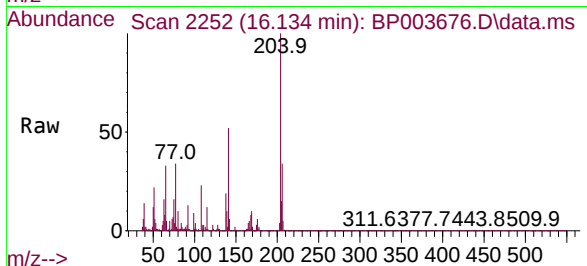




#61
4-Chlorophenyl-phenylether
Concen: 3.73 ng
RT: 16.134 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

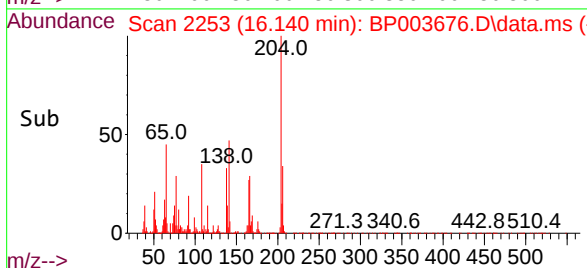
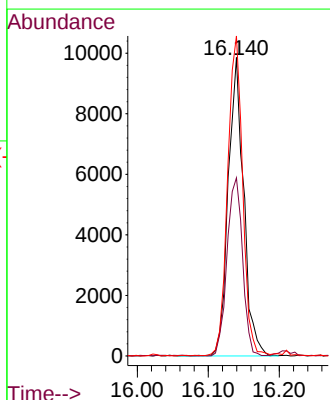
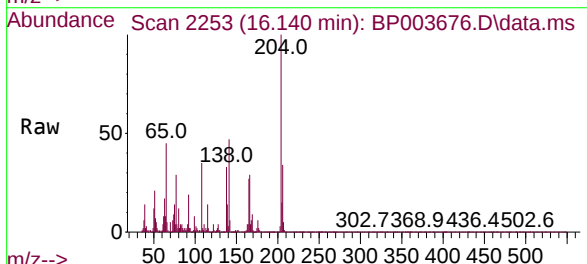
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

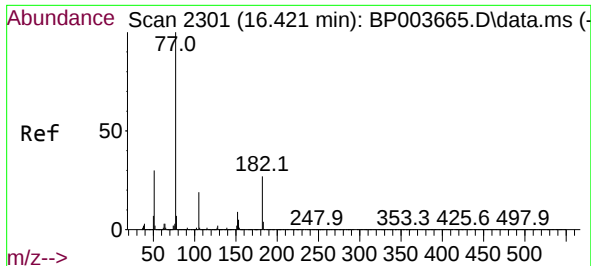
Tgt Ion:	204	Resp:	53896
Ion Ratio	Lower	Upper	
204	100		
206	34.1	25.9	38.9
141	51.8	46.5	69.7



#62
4-Nitroaniline
Concen: 2.62 ng
RT: 16.140 min Scan# 2253
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	138	Resp:	14884
Ion Ratio	Lower	Upper	
138	100		
92	59.7	20.7	60.7
108	107.2	47.8	87.8

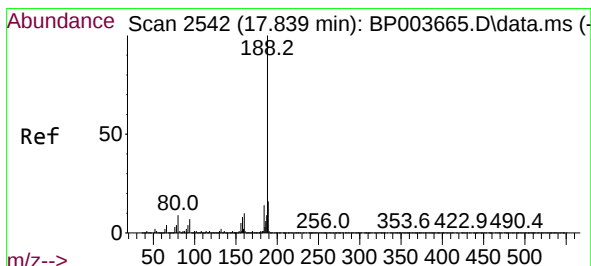
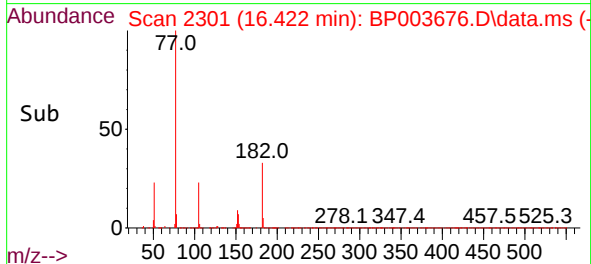
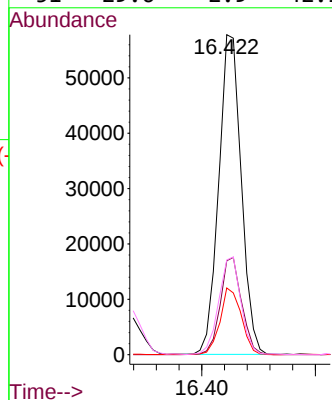
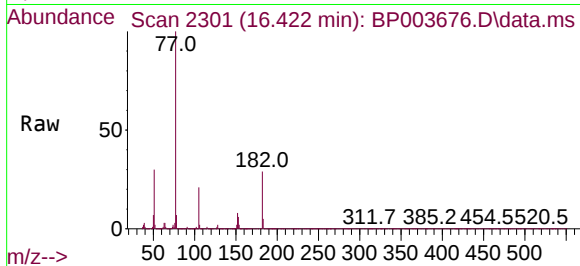




#63
Azobenzene
Concen: 3.37 ng
RT: 16.422 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

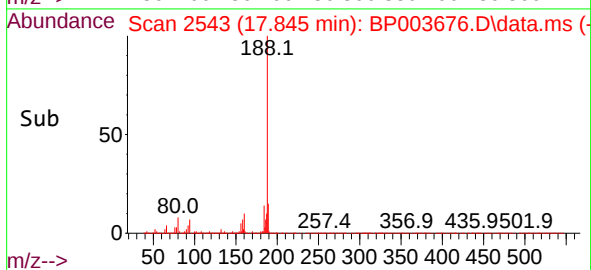
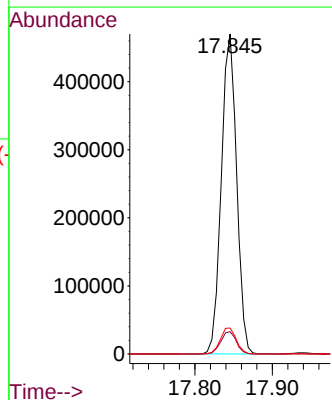
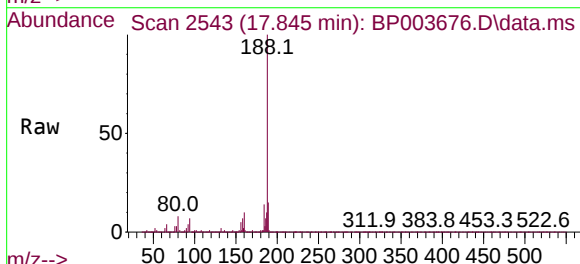
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

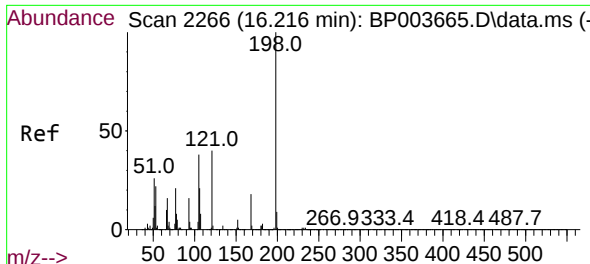
Tgt Ion: 77	Resp: 79616
Ion Ratio	Lower Upper
77 100	
182 29.4	16.9 56.9
105 20.9	5.6 45.6
51 29.6	2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion: 188	Resp: 646242
Ion Ratio	Lower Upper
188 100	
94 7.0	6.2 9.2
80 8.1	6.2 9.2

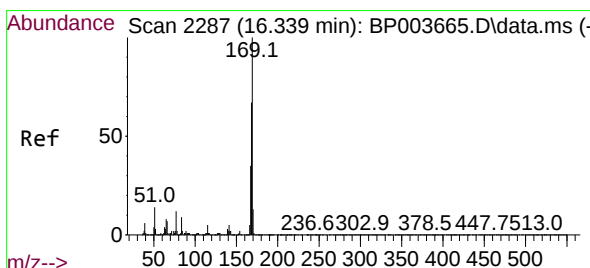
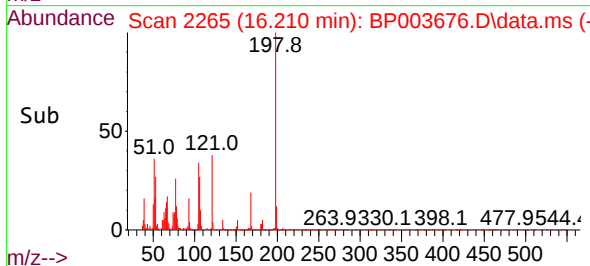
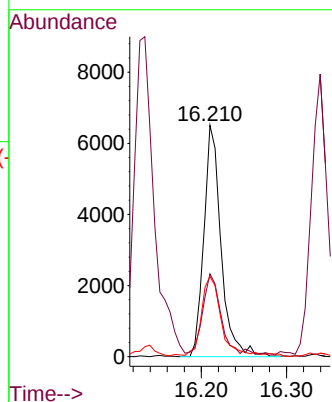
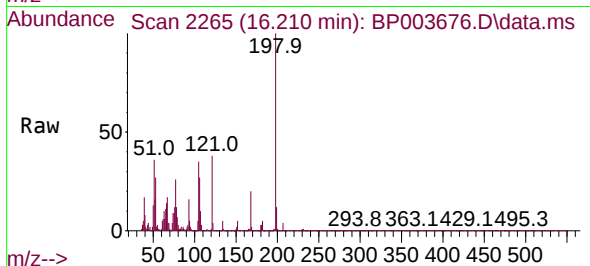




#65
4,6-Dinitro-2-methylphenol
Concen: 2.68 ng
RT: 16.210 min Scan# 2265
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

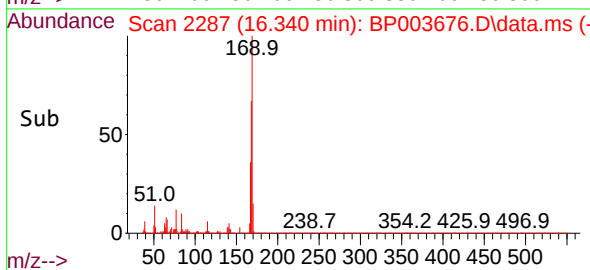
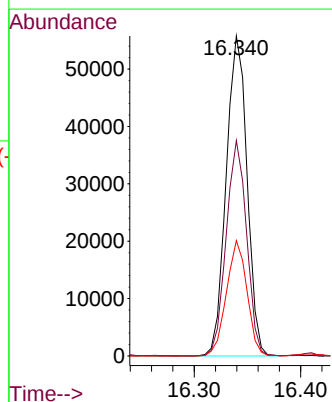
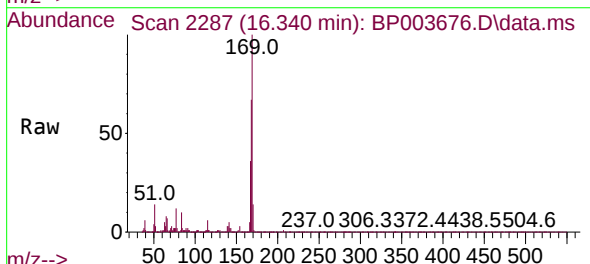
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

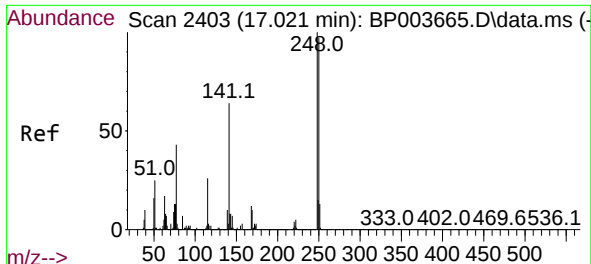
Tgt Ion:198	Resp:	9114
Ion Ratio	Lower	Upper
198	100	
51	35.8	6.4 46.4
105	34.7	18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 3.94 ng
RT: 16.340 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:169	Resp:	75753
Ion Ratio	Lower	Upper
169	100	
168	67.3	53.8 80.6
167	36.0	28.9 43.3

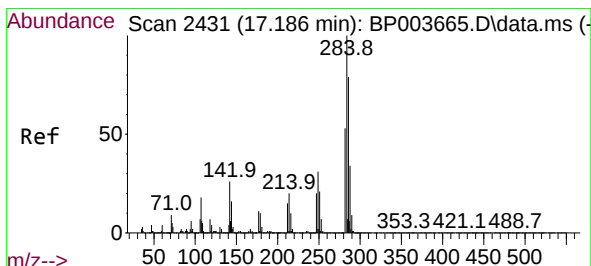
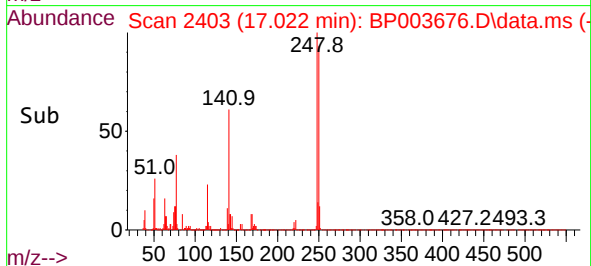
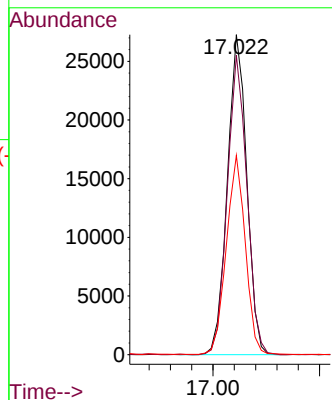
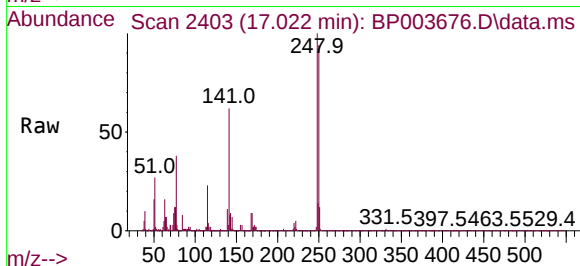




#67
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

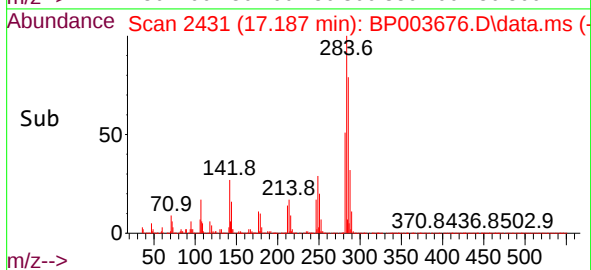
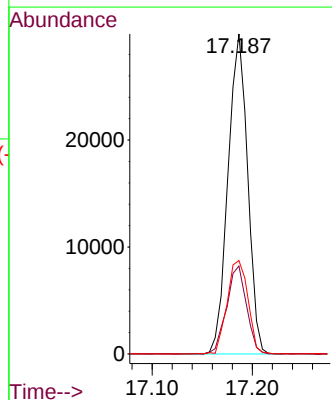
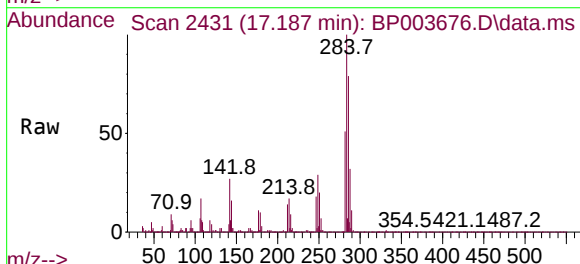
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

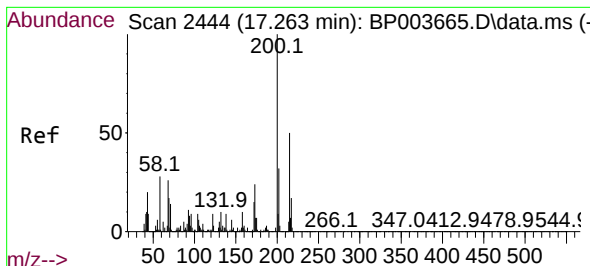
Tgt Ion:248	Resp:	34458
Ion Ratio	Lower	Upper
248	100	
250	93.6	76.7 115.1
141	62.2	53.0 79.6



#68
Hexachlorobenzene
Concen: 4.08 ng
RT: 17.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:284	Resp:	40666
Ion Ratio	Lower	Upper
284	100	
142	27.5	24.2 36.4
249	29.2	23.8 35.8





#69

Atrazine

Concen: 3.12 ng

RT: 17.257 min Scan# 2443

Delta R.T. -0.005 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

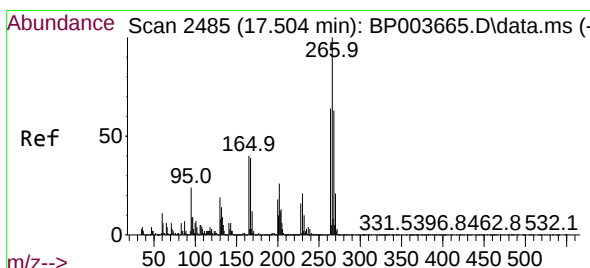
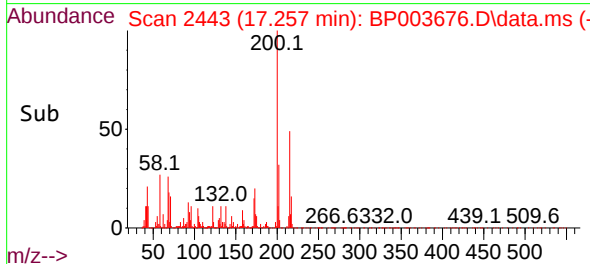
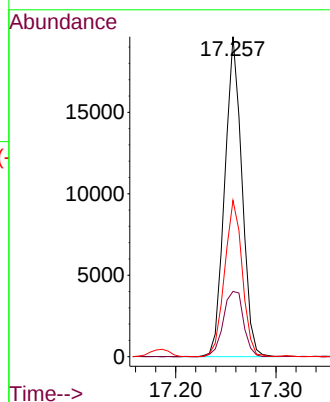
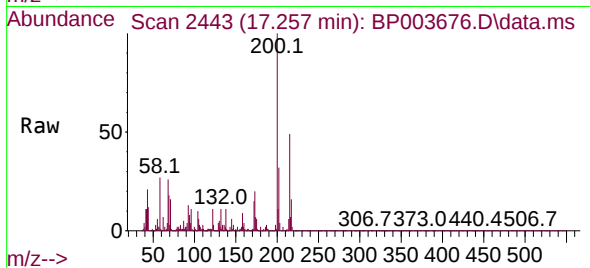
Tgt Ion:	200	Resp:	23374
Ion Ratio	Lower	Upper	
200	100		
173	20.4	5.9	45.9
215	48.9	28.4	68.4

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#70

Pentachlorophenol

Concen: 2.33 ng

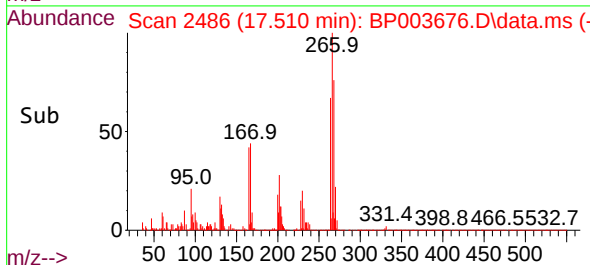
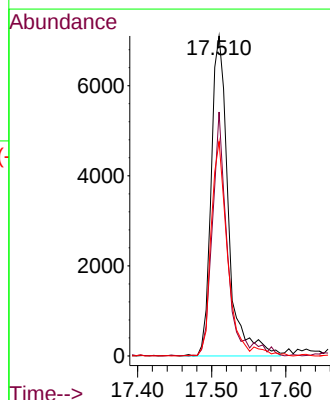
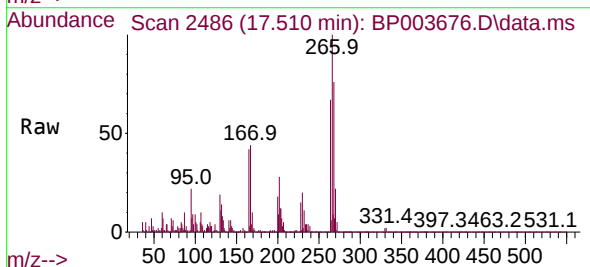
RT: 17.510 min Scan# 2486

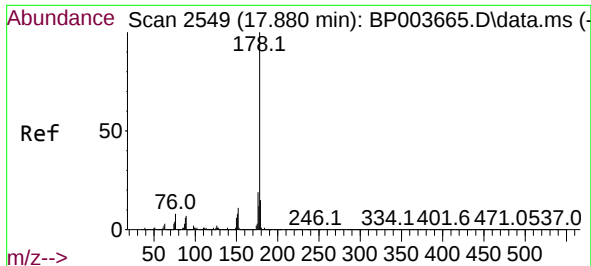
Delta R.T. 0.006 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

Tgt Ion:	266	Resp:	11454
Ion Ratio	Lower	Upper	
266	100		
268	76.3	51.1	76.7
264	72.6	50.6	76.0

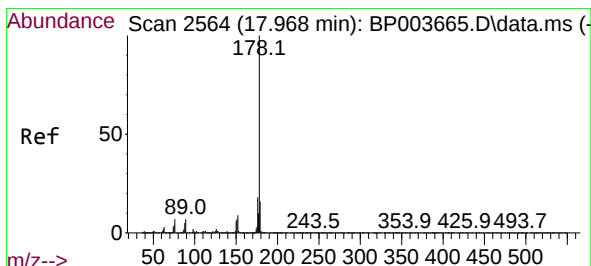
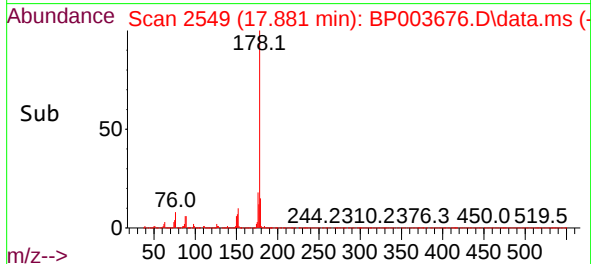
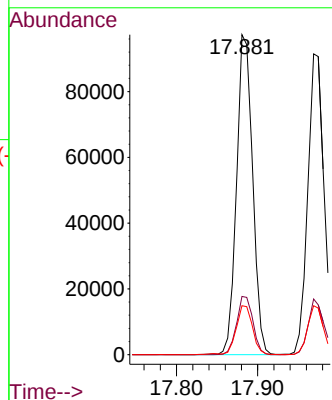
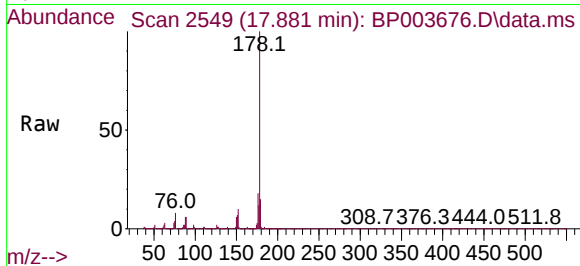




#71
Phenanthrene
Concen: 3.72 ng
RT: 17.881 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

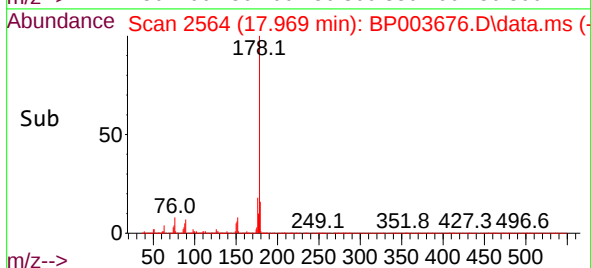
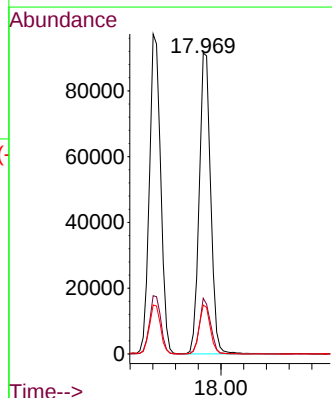
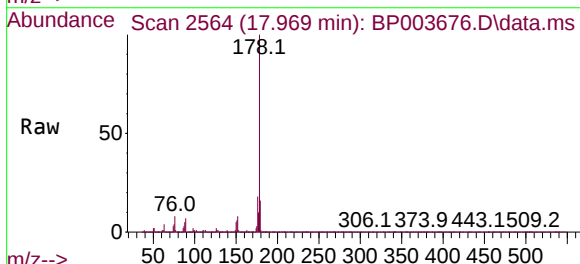
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

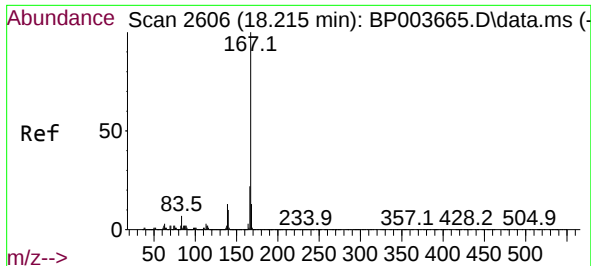
Tgt Ion:178 Resp: 133500
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 3.70 ng
RT: 17.969 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:178 Resp: 128481
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.3 12.5 18.7

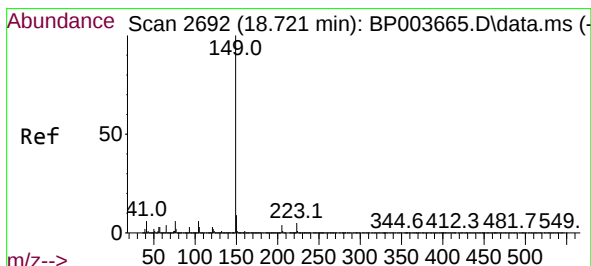
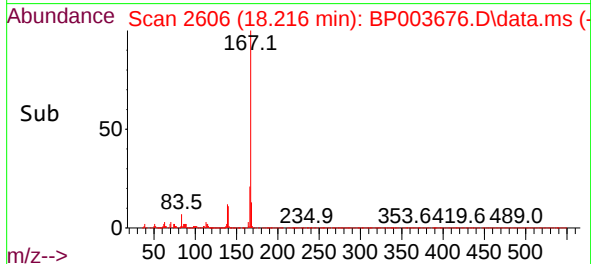
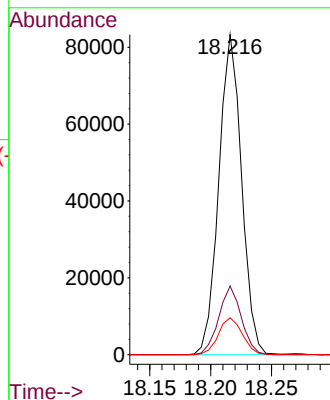
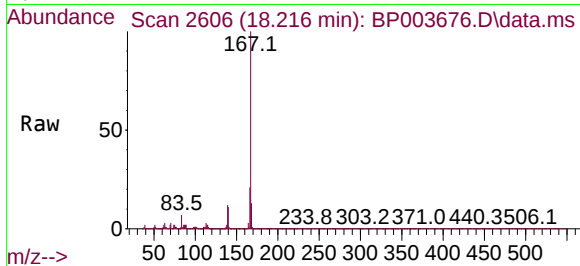




#73
 Carbazole
 Concen: 3.51 ng
 RT: 18.216 min Scan# 2606
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

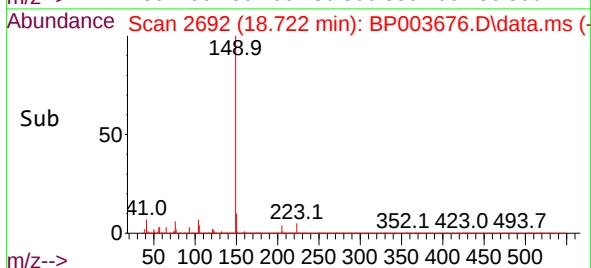
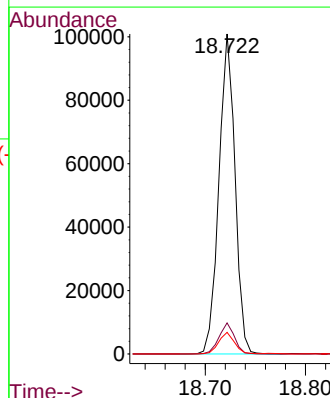
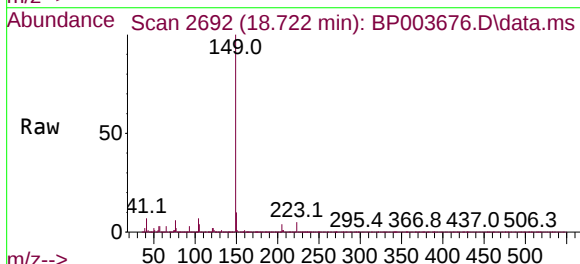
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

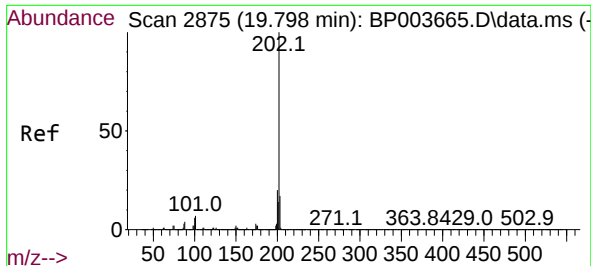
Tgt Ion:167	Resp:	108325
Ion Ratio	Lower	Upper
167	100	
166	21.4	17.6 26.4
139	11.6	10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 2.97 ng
 RT: 18.722 min Scan# 2692
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

Tgt Ion:149	Resp:	111952
Ion Ratio	Lower	Upper
149	100	
150	9.7	7.3 10.9
104	6.8	3.4 5.0#

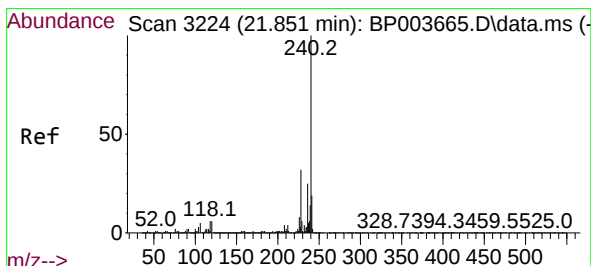
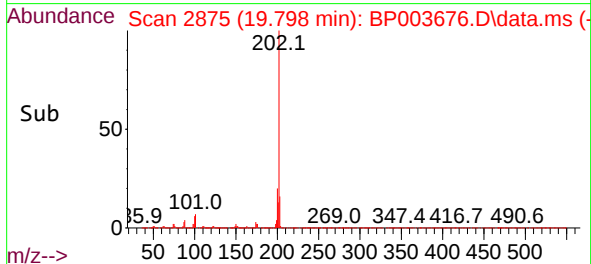
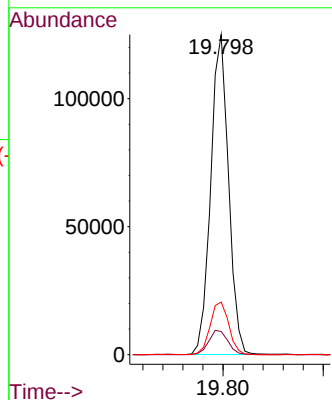
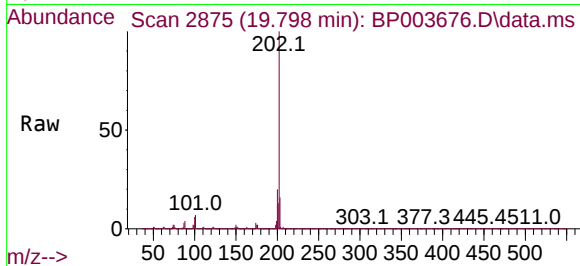




#75
Fluoranthene
Concen: 3.50 ng
RT: 19.798 min Scan# 2875
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

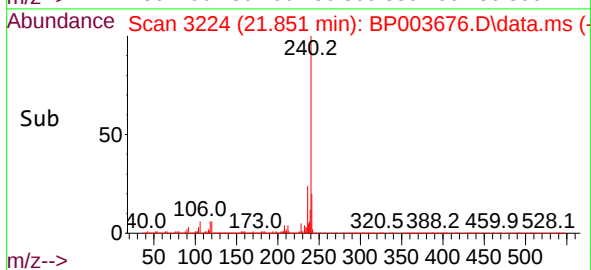
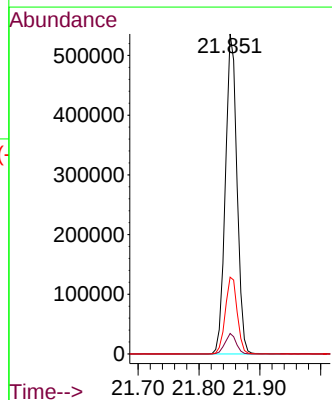
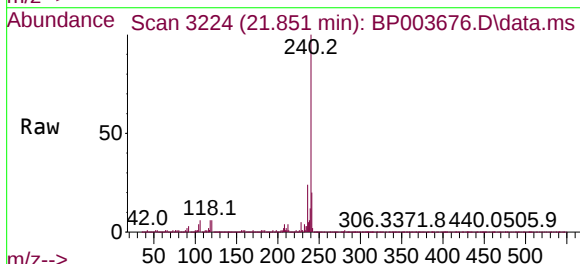
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

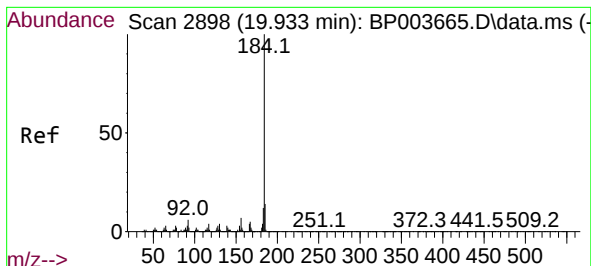
Tgt Ion:	202	Resp:	154433
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	29.4
203	16.4	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	240	Resp:	706244
Ion Ratio	Lower	Upper	
240	100		
120	6.4	7.8	11.6#
236	24.0	20.8	31.2





#77

Benzidine

Concen: 3.63 ng

RT: 19.933 min Scan# 2898

Delta R.T. 0.000 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

Tgt Ion:184 Resp: 61423

Ion Ratio Lower Upper

184 100

185 13.0 11.5 17.3

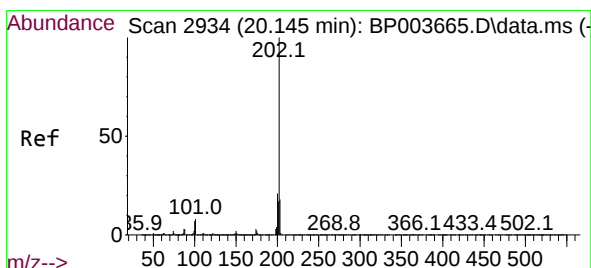
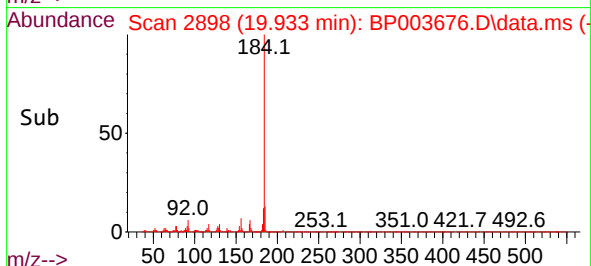
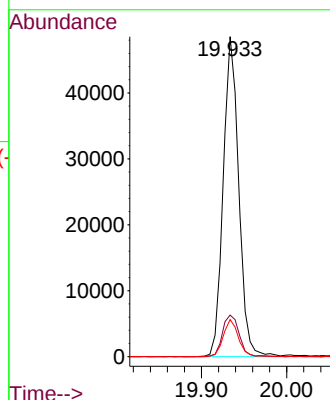
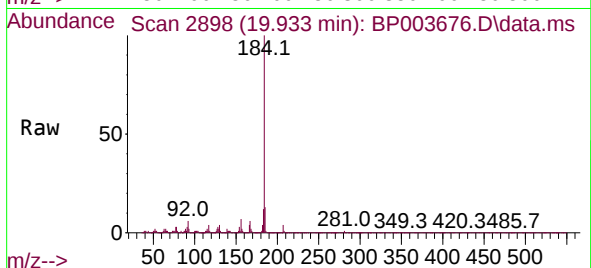
183 11.6 9.6 14.4

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#78

Pyrene

Concen: 3.48 ng

RT: 20.145 min Scan# 2934

Delta R.T. 0.000 min

Lab File: BP003676.D

Acq: 20 Oct 2020 12:19

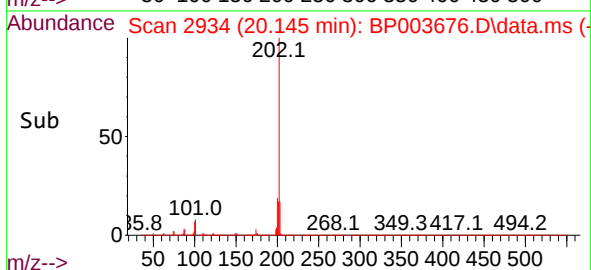
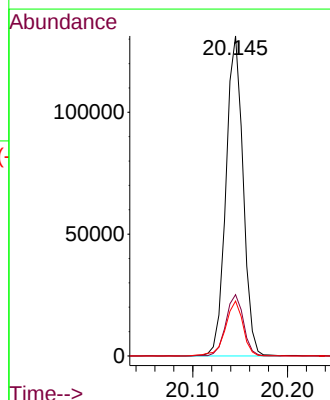
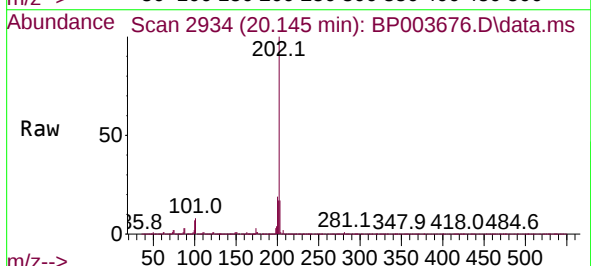
Tgt Ion:202 Resp: 164664

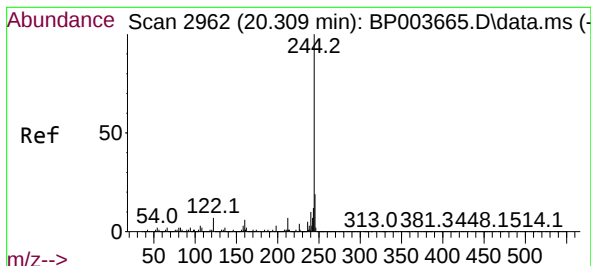
Ion Ratio Lower Upper

202 100

200 19.2 17.1 25.7

203 17.2 14.2 21.2

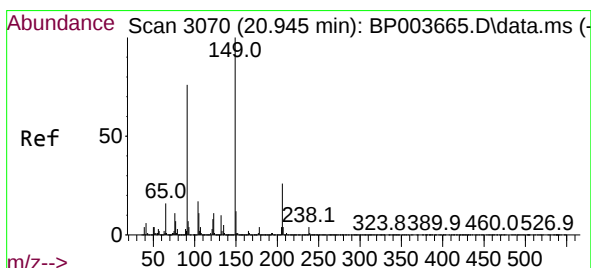
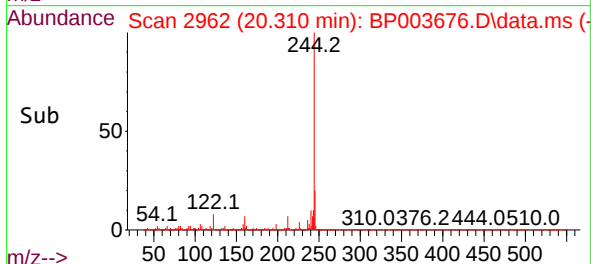
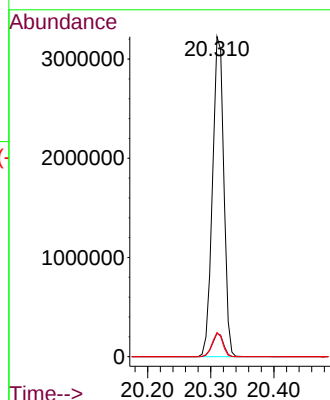
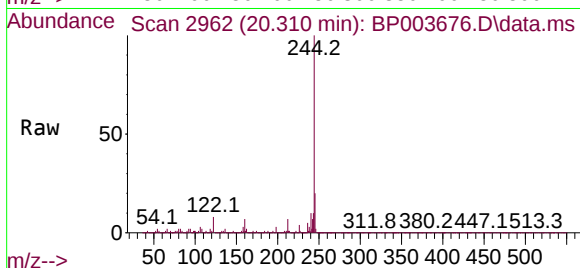




#79
 Terphenyl-d14
 Concen: 99.74 ng
 RT: 20.310 min Scan# 2962
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

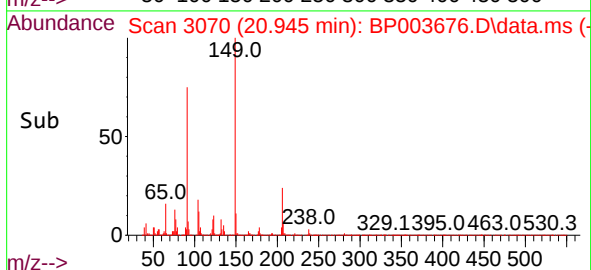
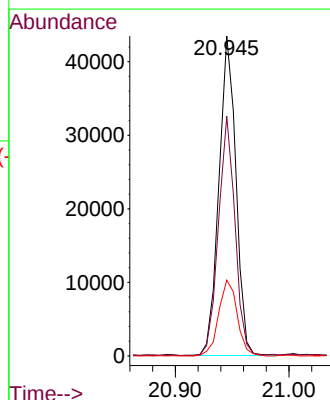
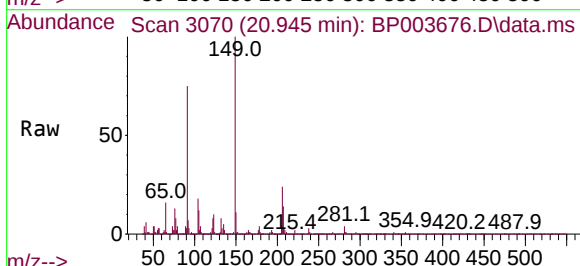
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

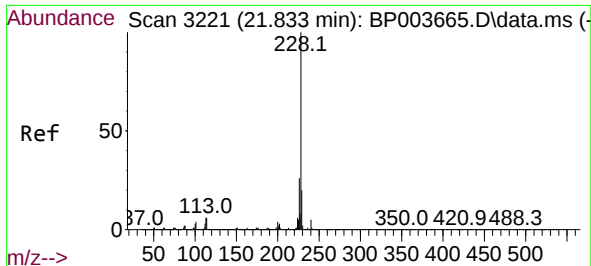
Tgt Ion:244 Resp: 4005136
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 7.5 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 2.61 ng
 RT: 20.945 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: BP003676.D
 Acq: 20 Oct 2020 12:19

Tgt Ion:149 Resp: 45276
 Ion Ratio Lower Upper
 149 100
 91 74.9 45.4 68.0#
 206 23.7 17.1 25.7

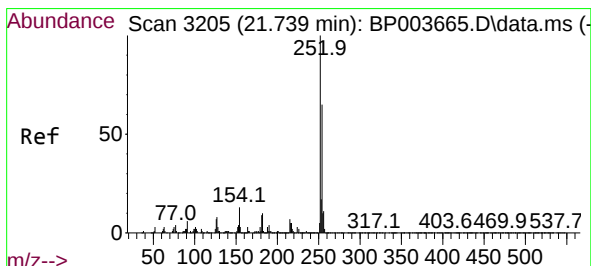
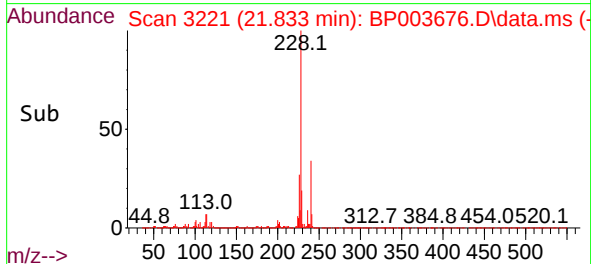
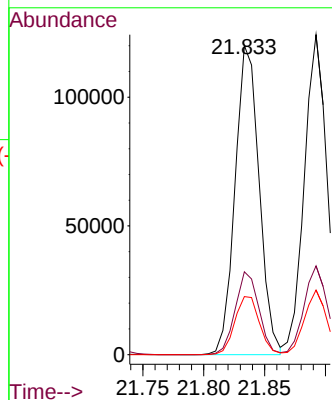
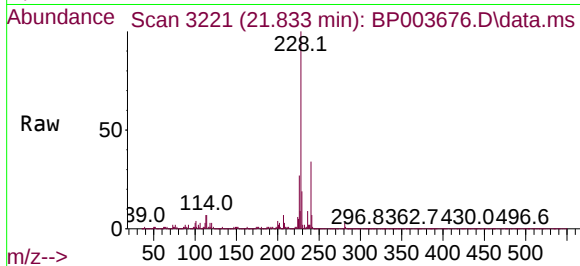




#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 21.833 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

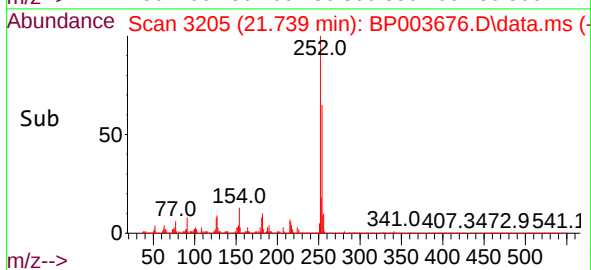
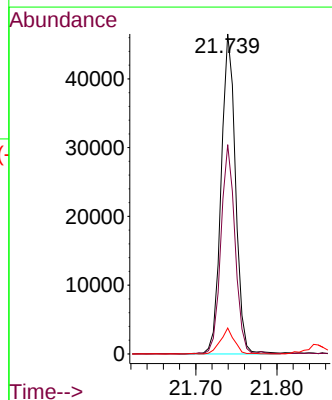
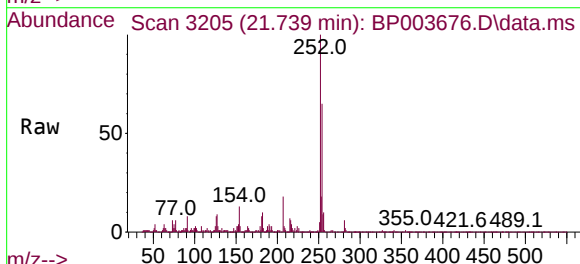
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

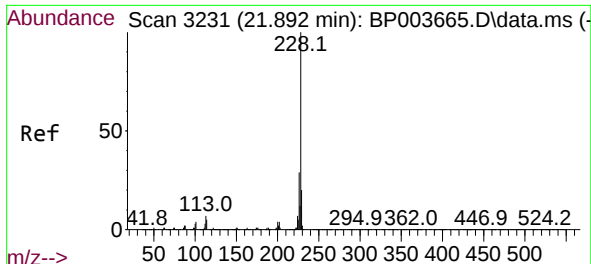
Tgt Ion:	228	Resp:	164863
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.1	33.1
229	18.8	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 3.48 ng
RT: 21.739 min Scan# 3205
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:	252	Resp:	57394
Ion Ratio	Lower	Upper	
252	100		
254	65.4	51.0	76.4
126	8.1	7.9	11.9

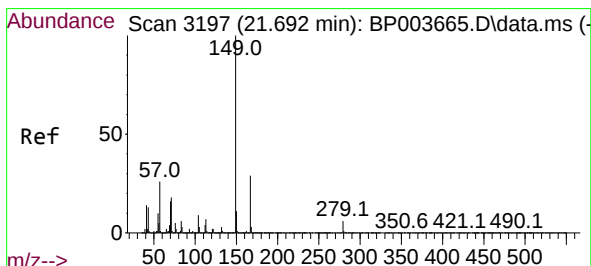
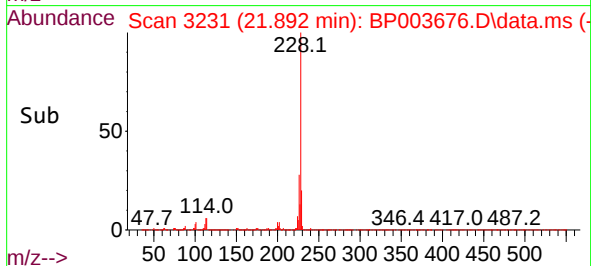
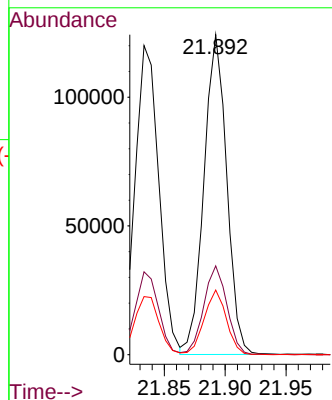
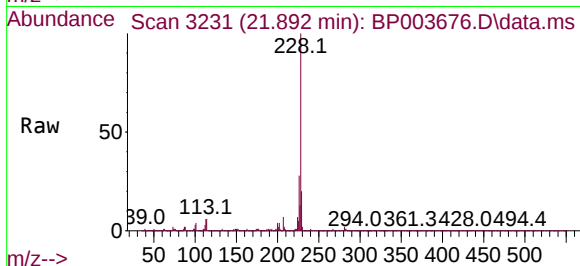




#83
Chrysene
Concen: 3.62 ng
RT: 21.892 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

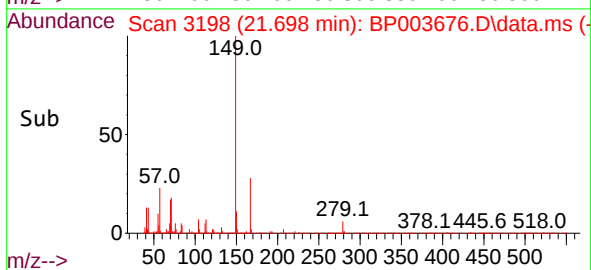
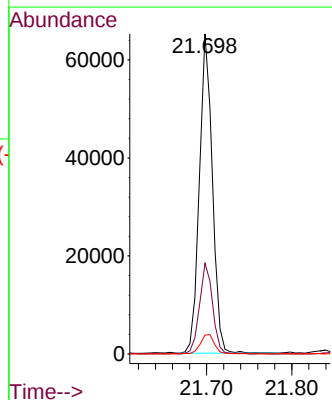
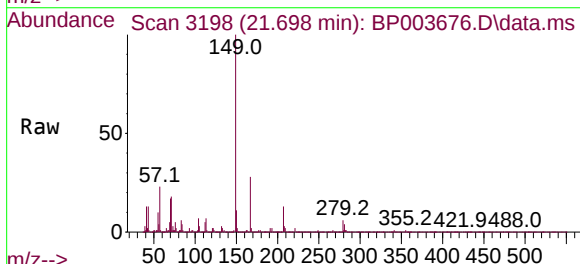
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

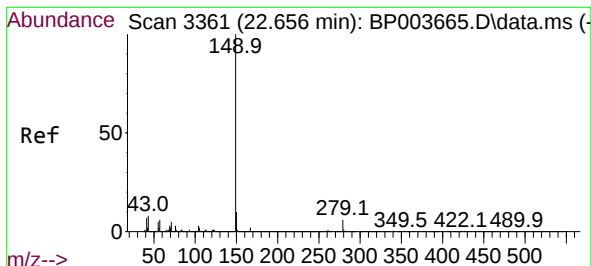
Tgt Ion:228	Resp: 161634
Ion Ratio	Lower Upper
228 100	
226 27.8	24.4 36.6
229 20.2	15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.78 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:149	Resp: 69065
Ion Ratio	Lower Upper
149 100	
167 28.3	22.6 34.0
279 5.9	4.2 6.2

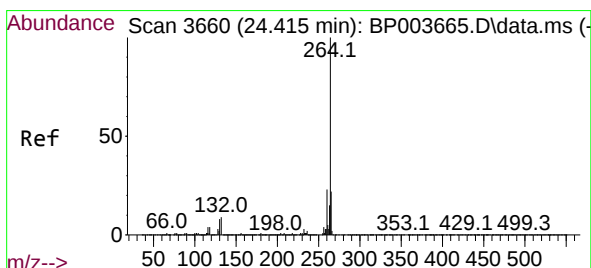
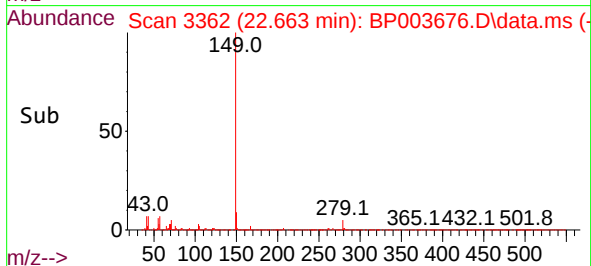
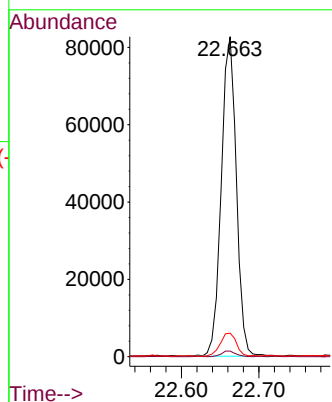
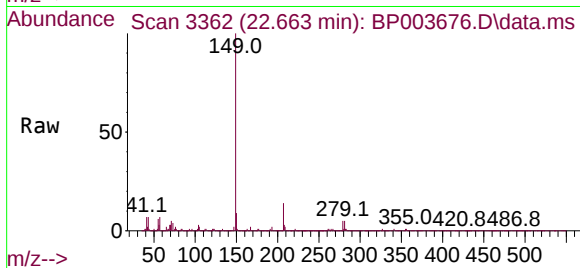




#85
Di-n-octyl phthalate
Concen: 2.77 ng
RT: 22.663 min Scan# 3362
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

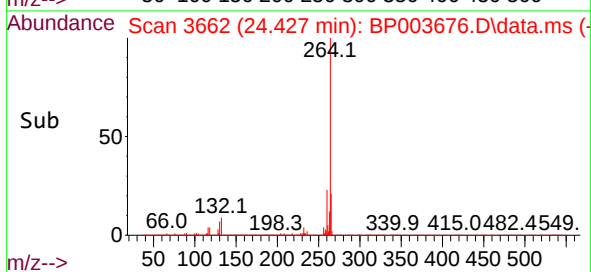
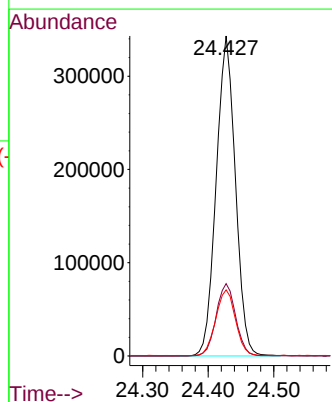
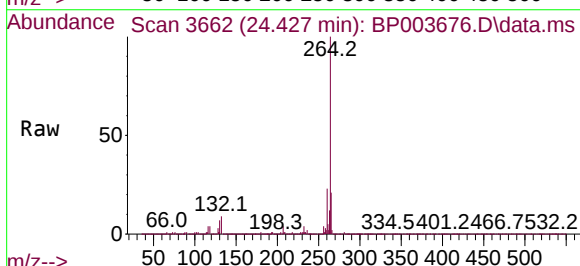
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

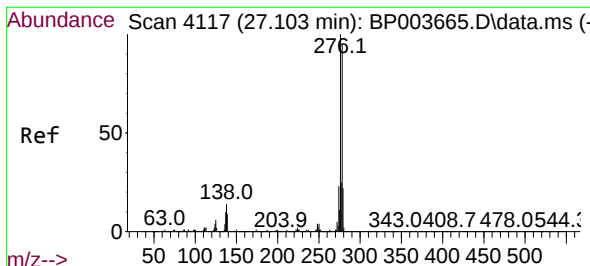
Tgt Ion:149 Resp: 111701
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.8 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.427 min Scan# 3662
Delta R.T. 0.012 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:264 Resp: 695224
Ion Ratio Lower Upper
264 100
260 22.6 18.8 28.2
265 20.7 17.4 26.2

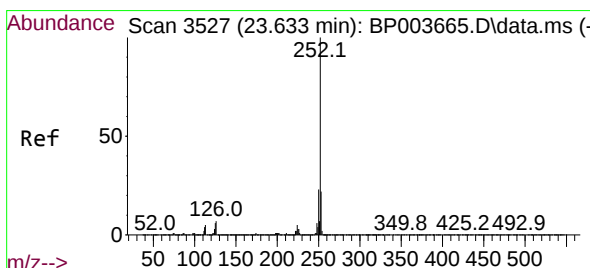
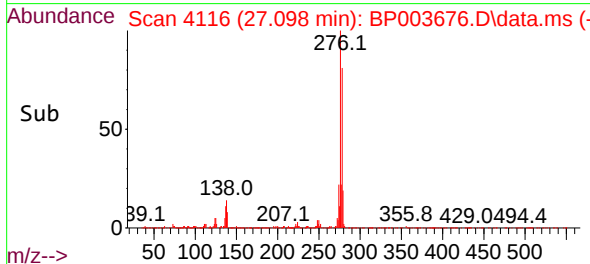
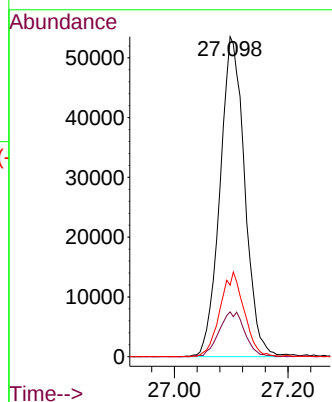
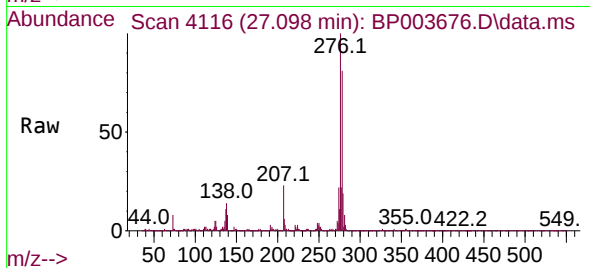




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.24 ng
RT: 27.098 min Scan# 4116
Delta R.T. -0.005 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

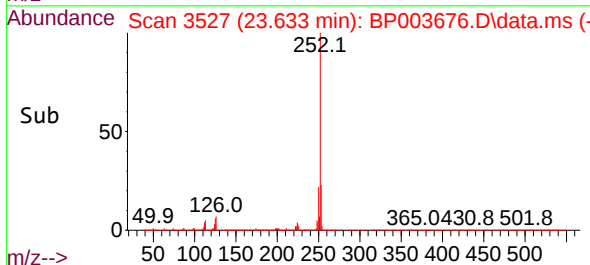
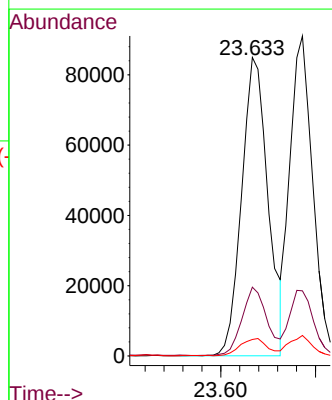
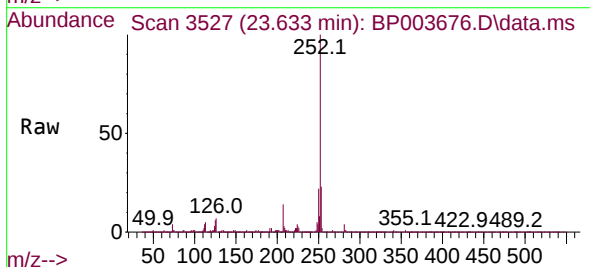
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

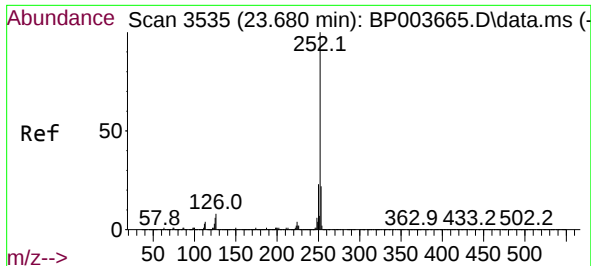
Tgt Ion:276 Resp: 161519
Ion Ratio Lower Upper
276 100
138 14.8 18.7 28.1#
277 25.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 3.39 ng
RT: 23.633 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:252 Resp: 164477
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 5.5 7.3 10.9#

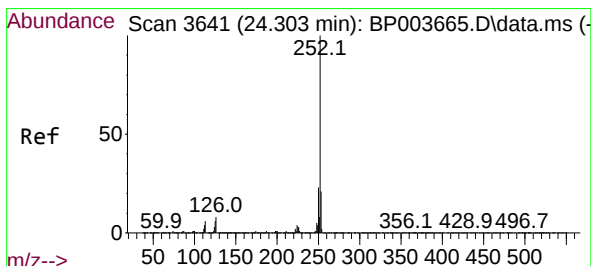
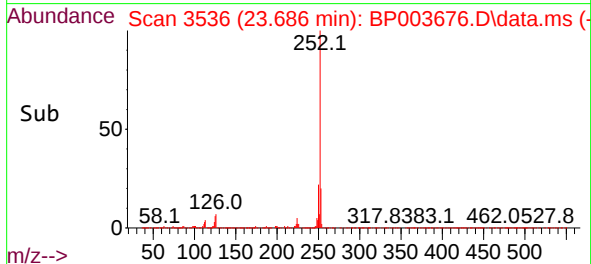
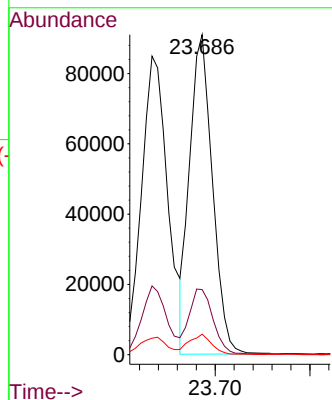
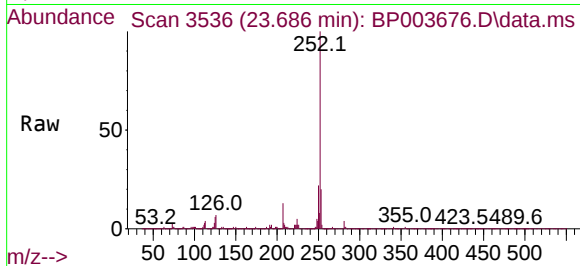




#89
Benzo(k)fluoranthene
Concen: 3.29 ng
RT: 23.686 min Scan# 3536
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

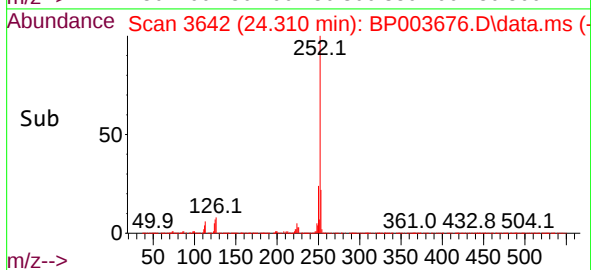
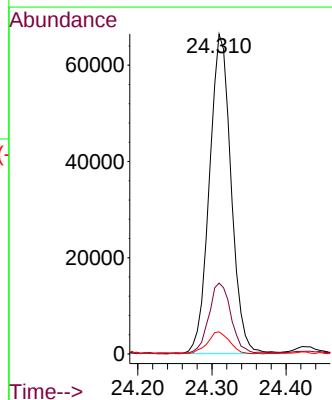
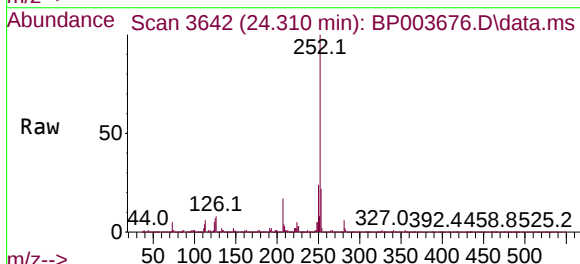
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

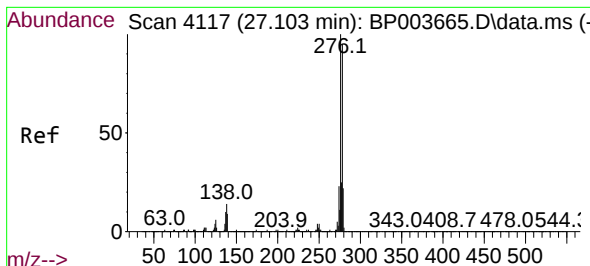
Tgt Ion:252 Resp: 152209
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.8
125 6.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 3.12 ng
RT: 24.310 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:252 Resp: 135094
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 6.9 8.2 12.4#

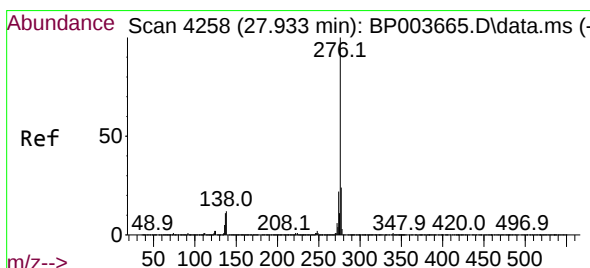
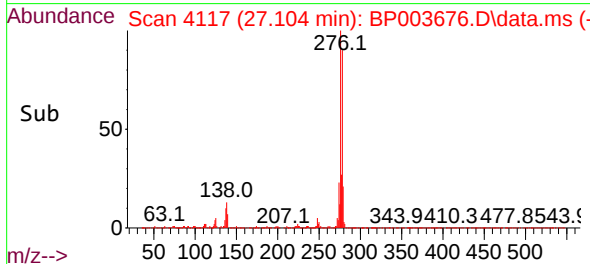
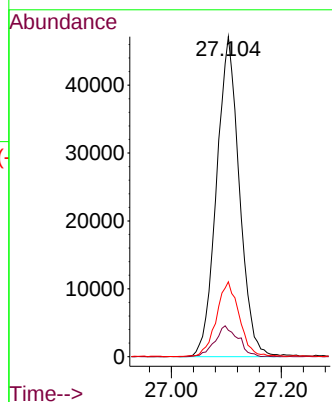
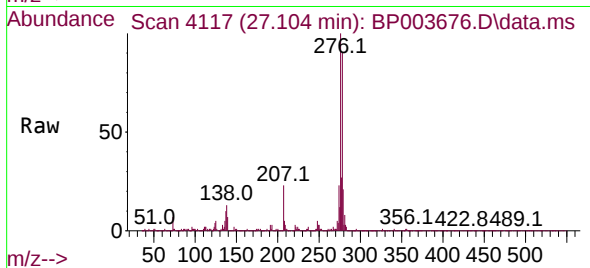




#91
Dibenzo(a,h)anthracene
Concen: 3.26 ng
RT: 27.104 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

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

Tgt Ion:278 Resp: 135839
Ion Ratio Lower Upper
278 100
139 8.3 12.4 18.6#
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 27.933 min Scan# 4258
Delta R.T. 0.000 min
Lab File: BP003676.D
Acq: 20 Oct 2020 12:19

Tgt Ion:276 Resp: 132236
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 12.9 16.6 24.8#

