

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
 Data File : BP003690.D
 Acq On : 21 Oct 2020 13:34
 Operator : CG/JU
 Sample : L4214-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Quant Time: Oct 21 14:52:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:27:05 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.522	152	132677	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	467905	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	314612	20.00	ng	0.00
64) Phenanthrene-d10	17.840	188	713840	20.00	ng	0.00
76) Chrysene-d12	21.845	240	750104	20.00	ng	# 0.00
86) Perylene-d12	24.416	264	702891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1160769	146.30	ng	0.00
7) Phenol-d6	7.675	99	1556256	138.83	ng	0.00
23) Nitrobenzene-d5	9.693	82	1096643	99.15	ng	0.00
42) 2,4,6-Tribromophenol	16.593	330	724113	147.53	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2521811	103.62	ng	0.00
79) Terphenyl-d14	20.304	244	4303334	100.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.687	88	26009	7.67	ng	# 86
3) Pyridine	4.134	79	74317	7.75	ng	90
4) n-Nitrosodimethylamine	4.023	42	30393	7.43	ng	# 64
6) Aniline	7.822	93	102329	8.22	ng	# 88
8) 2-Chlorophenol	8.093	128	60999	7.72	ng	83
9) Benzaldehyde	7.622	77	59114	10.00	ng	# 78
10) Phenol	7.699	94	85097	7.97	ng	# 72
11) bis(2-Chloroethyl)ether	7.905	93	65508	7.73	ng	88
12) 1,3-Dichlorobenzene	8.422	146	75607	7.42	ng	# 90
13) 1,4-Dichlorobenzene	8.564	146	76053	7.39	ng	# 95
14) 1,2-Dichlorobenzene	8.899	146	71972	7.38	ng	93
15) Benzyl Alcohol	8.752	79	62579	7.30	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	9.046	45	62874	7.49	ng	95
17) 2-Methylphenol	8.969	107	52544	7.43	ng	# 90
18) Hexachloroethane	9.652	117	28642	7.22	ng	94
19) n-Nitroso-di-n-propyla...	9.322	70	52510	7.67	ng	# 87
20) 3+4-Methylphenols	9.299	107	70971	7.46	ng	92
22) Acetophenone	9.340	105	103046	7.53	ng	# 87
24) Nitrobenzene	9.734	77	85999	8.08	ng	# 78
25) Isophorone	10.258	82	136180	7.64	ng	# 89
26) 2-Nitrophenol	10.463	139	27477	6.91	ng	# 66
27) 2,4-Dimethylphenol	10.516	122	53077	8.50	ng	89
28) bis(2-Chloroethoxy)met...	10.728	93	84095	7.40	ng	98
29) 2,4-Dichlorophenol	11.010	162	59349	7.24	ng	92
30) 1,2,4-Trichlorobenzene	11.234	180	77737	7.40	ng	96
31) Naphthalene	11.422	128	191683	7.60	ng	99
32) Benzoic acid	10.593	122	12307	3.32	ng	# 61
33) 4-Chloroaniline	11.499	127	79160	7.61	ng	# 86
34) Hexachlorobutadiene	11.728	225	55824	7.05	ng	98
35) Caprolactam	12.193	113	16549	6.90	ng	# 69
36) 4-Chloro-3-methylphenol	12.599	107	65222	7.34	ng	# 82
37) 2-Methylnaphthalene	12.981	142	138518	7.57	ng	# 93
38) 1-Methylnaphthalene	13.199	142	129448	7.48	ng	# 100
40) 1,2,4,5-Tetrachloroben...	13.357	216	94857	7.61	ng	98
41) Hexachlorocyclopentadiene	13.352	237	56584	7.84	ng	97
43) 2,4,6-Trichlorophenol	13.575	196	49383	6.66	ng	93

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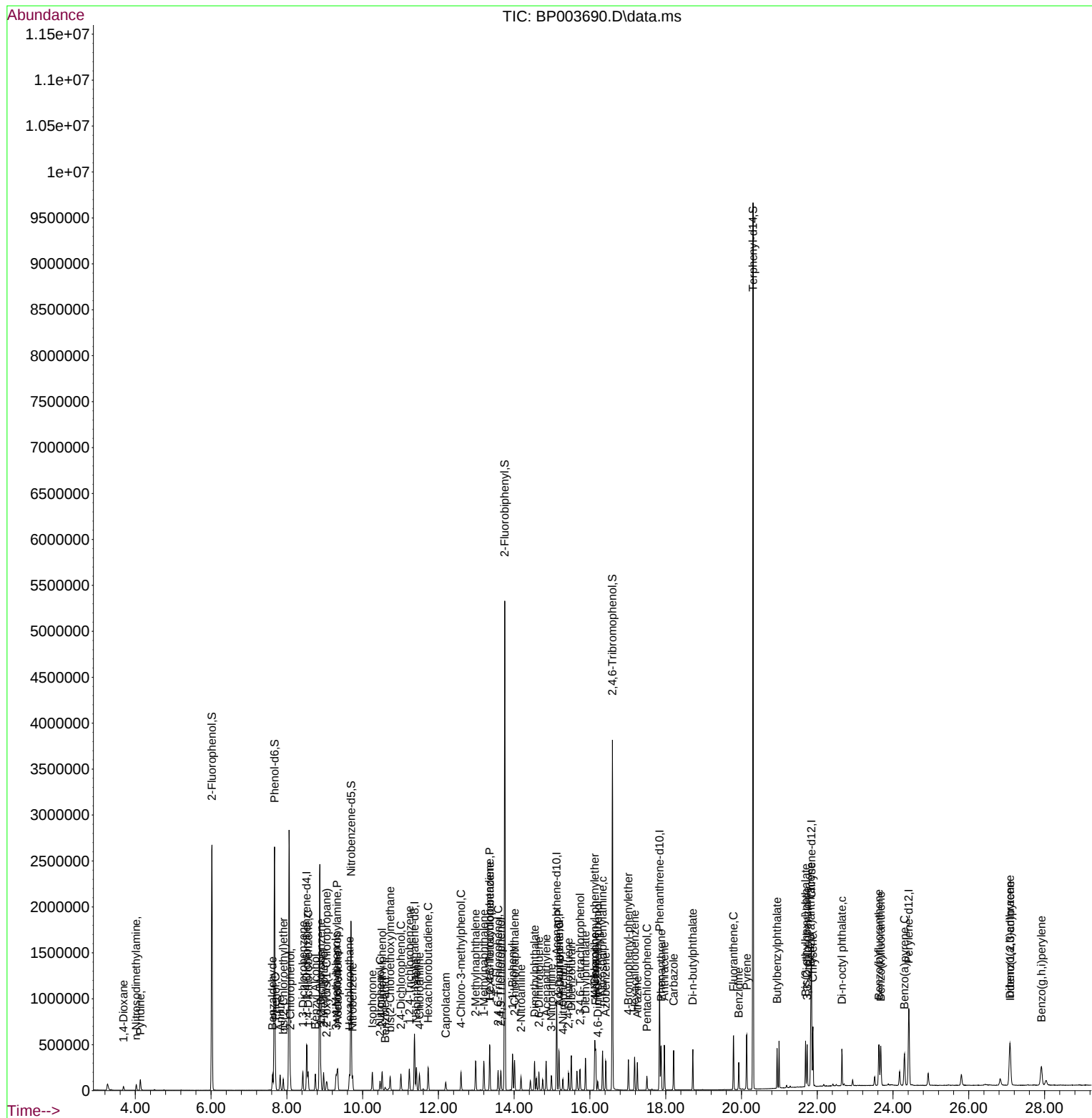
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.646	196	54161	7.03	ng	#	93
46) 1,1'-Biphenyl	13.957	154	189332	7.72	ng		96
47) 2-Chloronaphthalene	14.010	162	147144	7.17	ng		99
48) 2-Nitroaniline	14.181	65	36352	6.00	ng	#	58
49) Acenaphthylene	14.846	152	214121	7.31	ng		99
50) Dimethylphthalate	14.540	163	188338	7.29	ng		98
51) 2,6-Dinitrotoluene	14.651	165	38670	7.35	ng	#	64
52) Acenaphthene	15.181	154	141175	7.14	ng		93
53) 3-Nitroaniline	14.981	138	34115	6.61	ng	#	67
54) 2,4-Dinitrophenol	15.187	184	10717	4.45	ng	#	1
55) Dibenzofuran	15.510	168	228366	7.64	ng		99
56) 4-Nitrophenol	15.287	139	24255	6.28	ng	#	48
57) 2,4-Dinitrotoluene	15.434	165	48342	6.80	ng	#	61
58) Fluorene	16.151	166	181023	7.51	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.740	232	49464	6.70	ng		91
60) Diethylphthalate	15.881	149	179532	7.09	ng		99
61) 4-Chlorophenyl-phenyle...	16.128	204	106417	7.30	ng		94
62) 4-Nitroaniline	16.134	138	35357	6.18	ng	#	63
63) Azobenzene	16.416	77	177095	7.44	ng		85
65) 4,6-Dinitro-2-methylph...	16.204	198	22060	5.86	ng		89
66) n-Nitrosodiphenylamine	16.334	169	156637	7.37	ng		98
67) 4-Bromophenyl-phenylether	17.016	248	65821	6.89	ng		97
68) Hexachlorobenzene	17.181	284	78489	7.14	ng		95
69) Atrazine	17.251	200	55551	6.70	ng		97
70) Pentachlorophenol	17.504	266	29295	5.39	ng		95
71) Phenanthrene	17.881	178	293544	7.40	ng		99
72) Anthracene	17.963	178	288180	7.52	ng		99
73) Carbazole	18.210	167	251808	7.39	ng		99
74) Di-n-butylphthalate	18.716	149	272484	6.55	ng	#	98
75) Fluoranthene	19.792	202	351577	7.21	ng		97
77) Benzidine	19.928	184	146022	8.12	ng		99
78) Pyrene	20.139	202	368224	7.33	ng		99
80) Butylbenzylphthalate	20.939	149	106628	5.79	ng	#	81
81) Benzo(a)anthracene	21.828	228	364609	7.29	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	131509	7.51	ng	#	98
83) Chrysene	21.886	228	351510	7.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	159731	6.06	ng		98
85) Di-n-octyl phthalate	22.651	149	262540	6.14	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.092	276	355809	7.05	ng	#	92
88) Benzo(b)fluoranthene	23.627	252	356868	7.28	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	347223	7.42	ng	#	96
90) Benzo(a)pyrene	24.304	252	302847	6.93	ng	#	95
91) Dibenzo(a,h)anthracene	27.086	278	300497	7.13	ng	#	93
92) Benzo(g,h,i)perylene	27.915	276	285576	7.31	ng	#	91

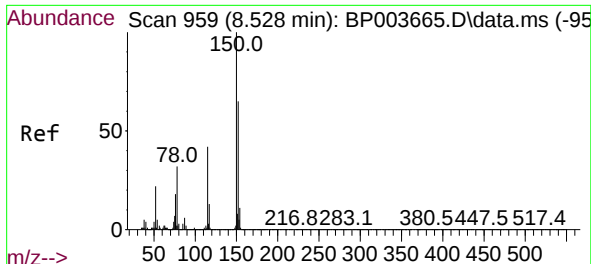
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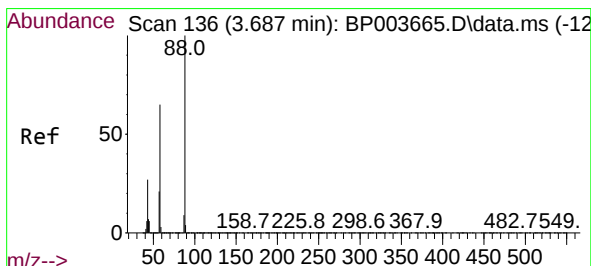
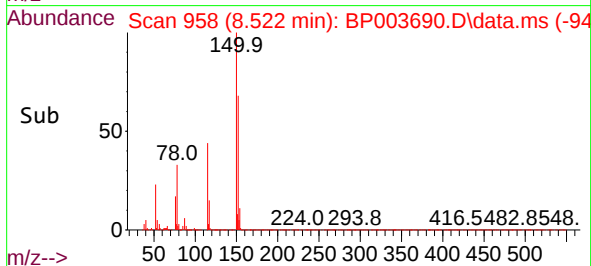
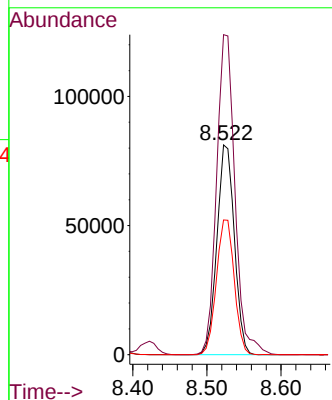
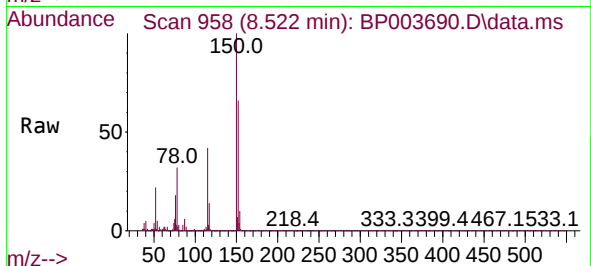




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

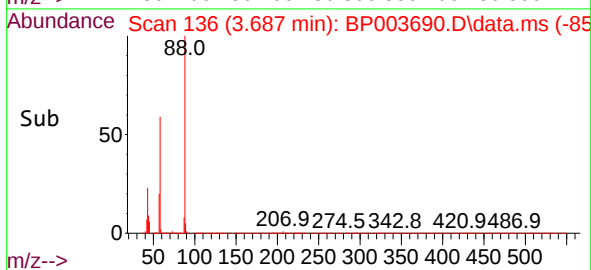
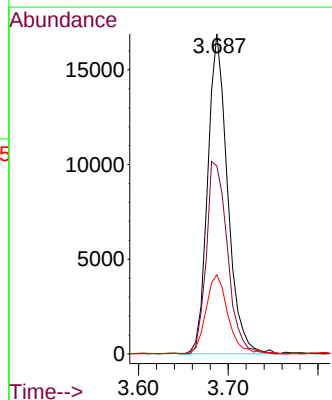
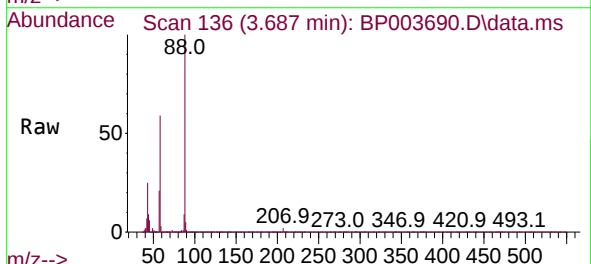
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

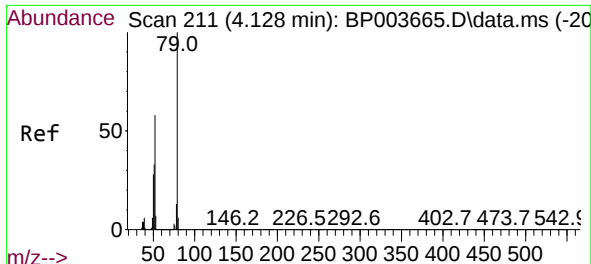
Tgt Ion:152 Resp: 132677
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 64.2 43.8 65.6



#2
1,4-Dioxane
Concen: 7.67 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 88 Resp: 26009
Ion Ratio Lower Upper
88 100
58 64.1 44.2 66.4
43 27.6 15.2 22.8

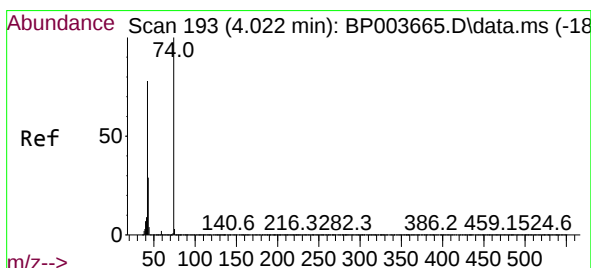
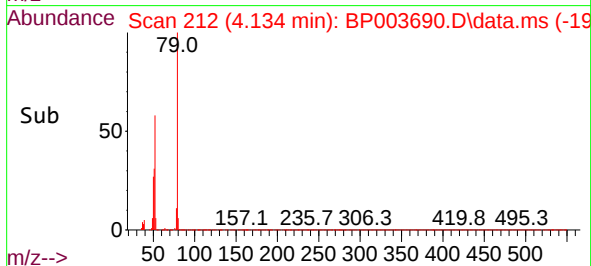
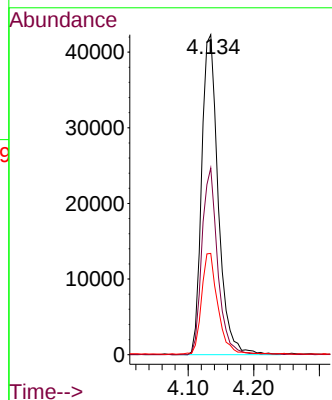
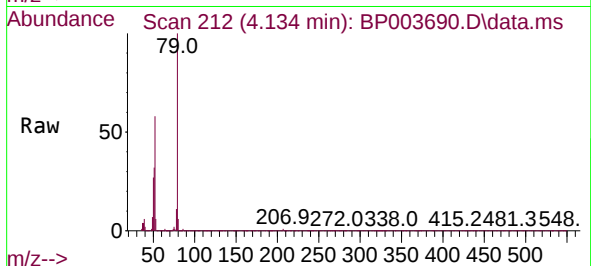




#3
Pyridine
Concen: 7.75 ng
RT: 4.134 min Scan# 212
Delta R.T. 0.006 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

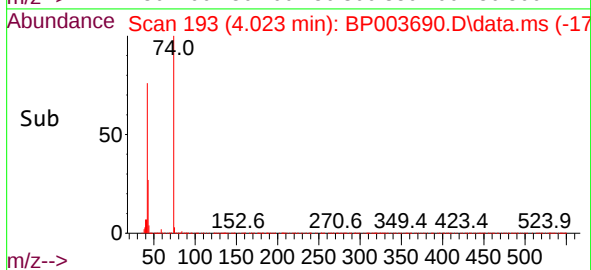
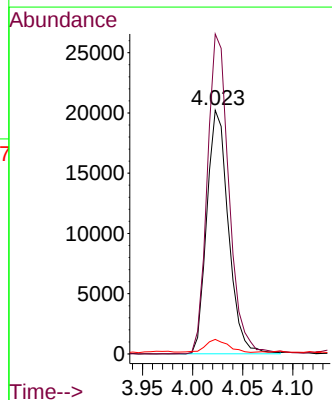
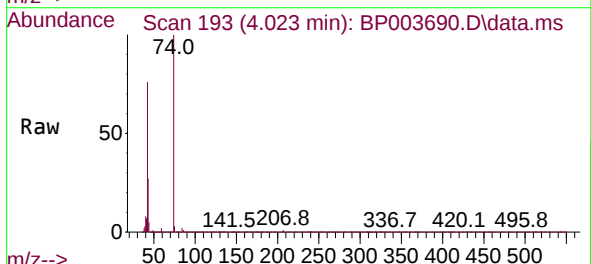
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BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

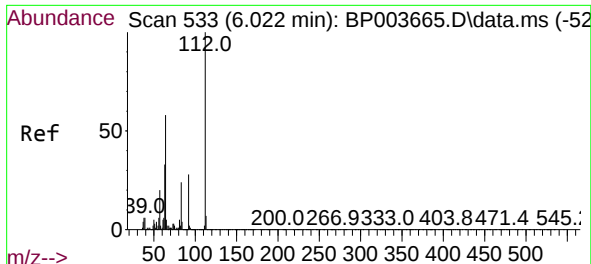
Tgt Ion: 79 Resp: 74317
Ion Ratio Lower Upper
79 100
52 58.3 41.3 61.9
51 31.7 21.2 31.8



#4
n-Nitrosodimethylamine
Concen: 7.43 ng
RT: 4.023 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 42 Resp: 30393
Ion Ratio Lower Upper
42 100
74 131.3 148.6 223.0#
44 6.0 5.3 7.9

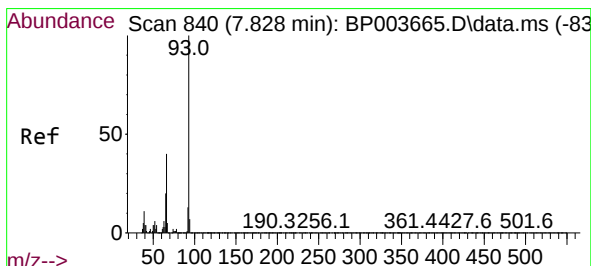
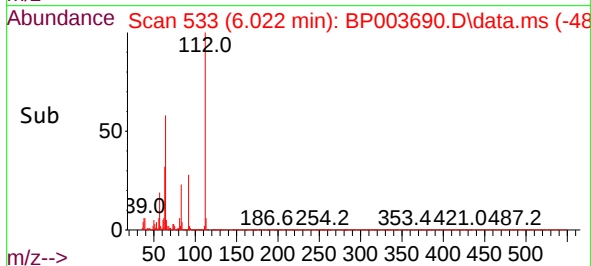
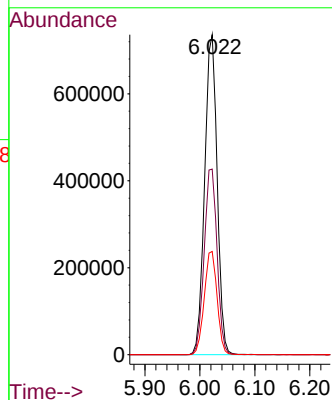
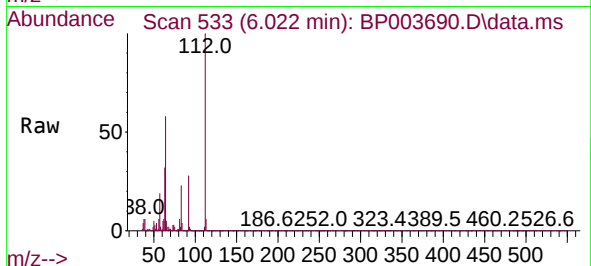




#5
2-Fluorophenol
Concen: 146.30 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

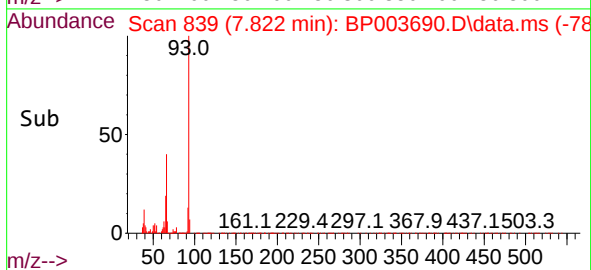
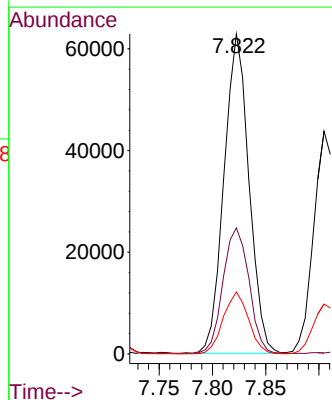
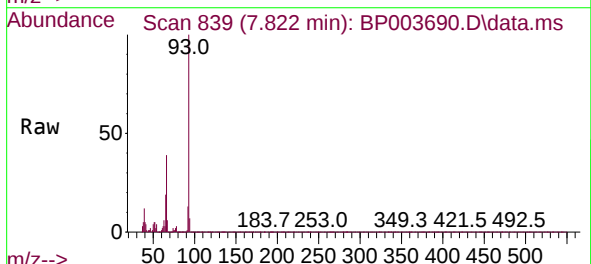
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ClientSampleId :
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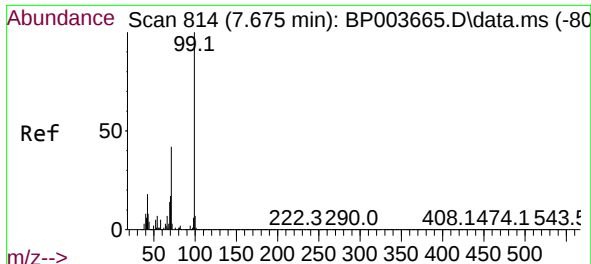
Tgt Ion:112 Resp: 1160769
Ion Ratio Lower Upper
112 100
64 58.0 32.8 49.2#
63 32.2 17.0 25.4#



#6
Aniline
Concen: 8.22 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.005 min
Lab File: BP003690.D
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Tgt Ion: 93 Resp: 102329
Ion Ratio Lower Upper
93 100
66 39.4 25.4 38.0#
65 19.4 12.5 18.7#

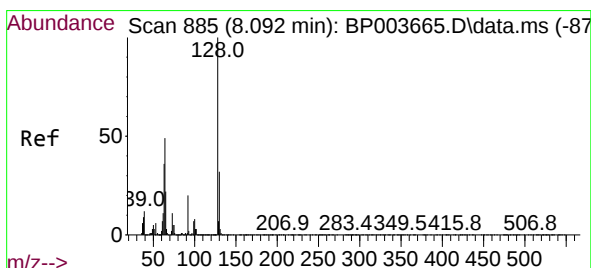
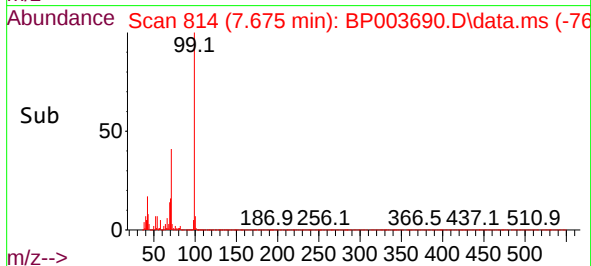
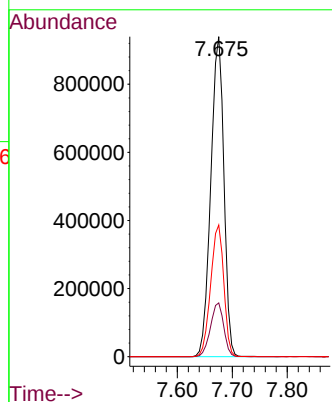
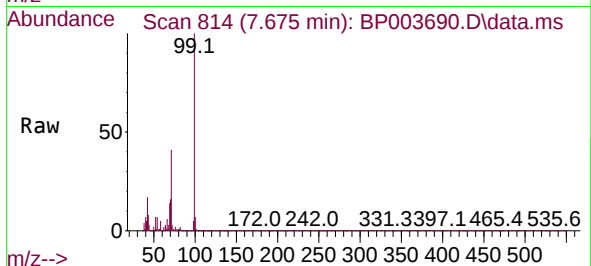




#7
Phenol-d6
Concen: 138.83 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

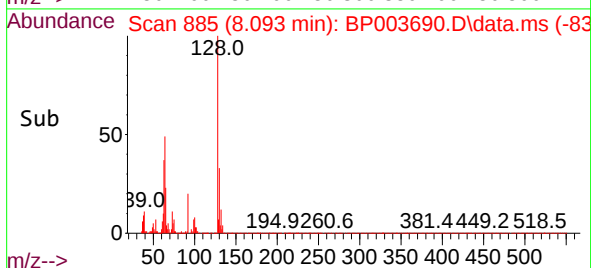
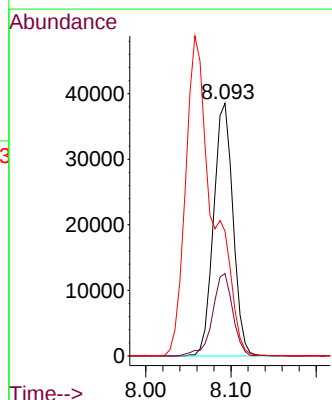
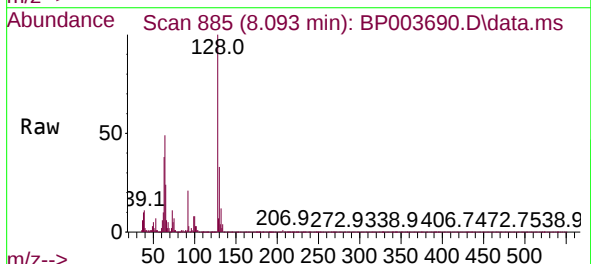
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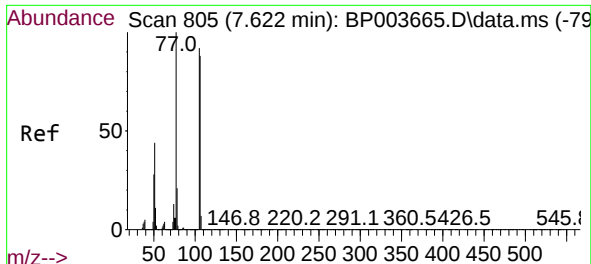
Tgt Ion: 99 Resp: 1556256
Ion Ratio Lower Upper
99 100
42 16.8 8.6 13.0#
71 41.1 23.4 35.2#



#8
2-Chlorophenol
Concen: 7.72 ng
RT: 8.093 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP003690.D
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Tgt Ion: 128 Resp: 60999
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 49.4 10.4 50.4

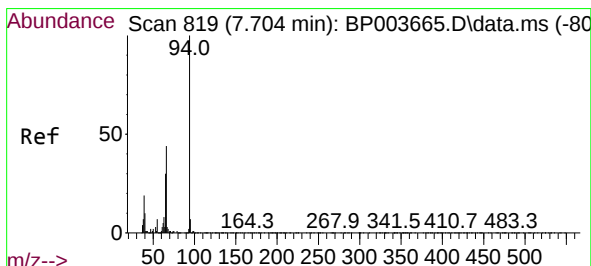
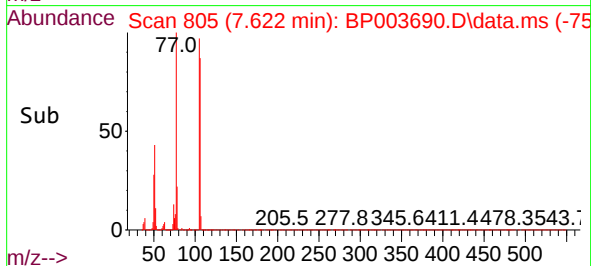
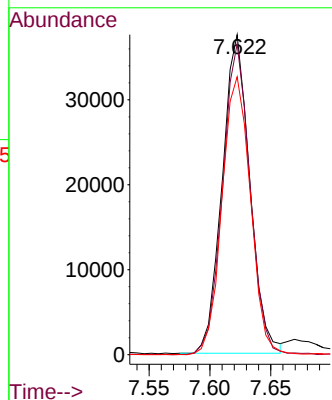
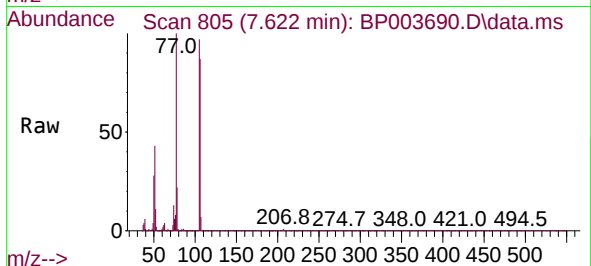




#9
Benzaldehyde
Concen: 10.00 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
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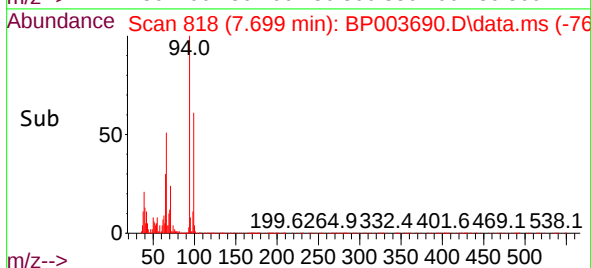
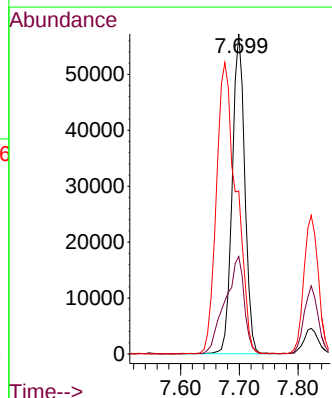
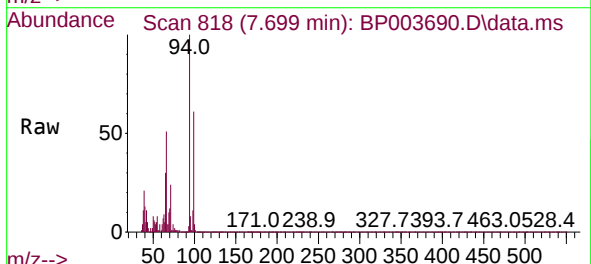
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ClientSampleId :
MDL-SOIL-03-QT4-2020

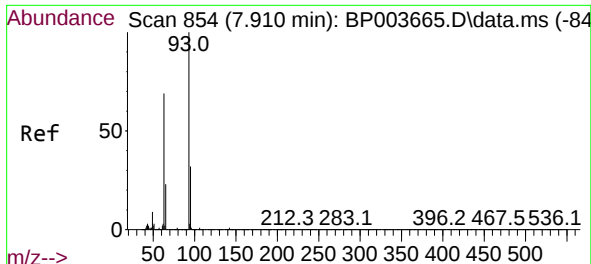
Tgt Ion: 77 Resp: 59114
Ion Ratio Lower Upper
77 100
105 97.1 97.1 137.1
106 86.9 93.7 133.7#



#10
Phenol
Concen: 7.97 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 94 Resp: 85097
Ion Ratio Lower Upper
94 100
65 30.5 2.3 42.3
66 50.9 10.9 50.9#

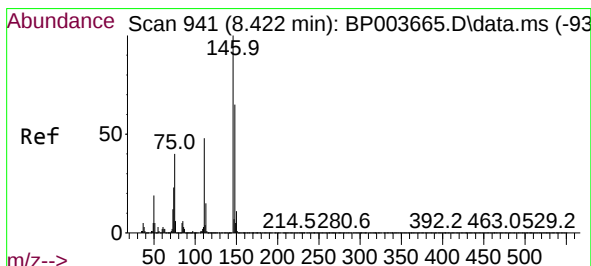
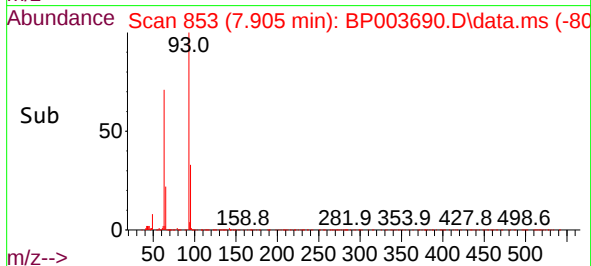
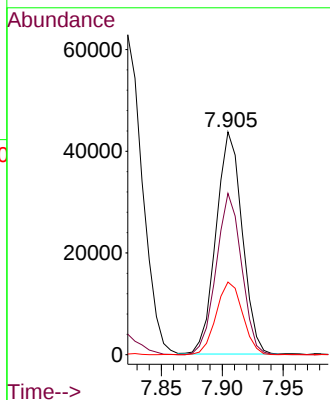
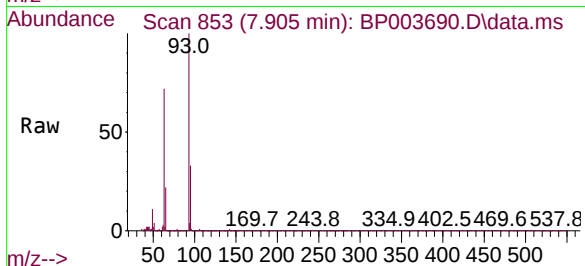




#11
bis(2-Chloroethyl)ether
Concen: 7.73 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

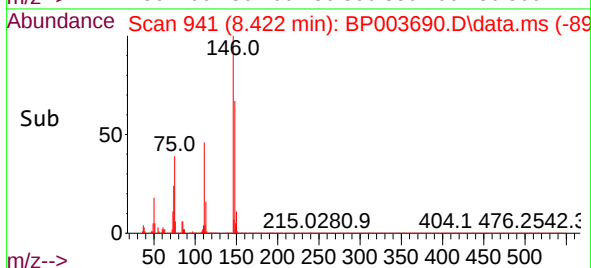
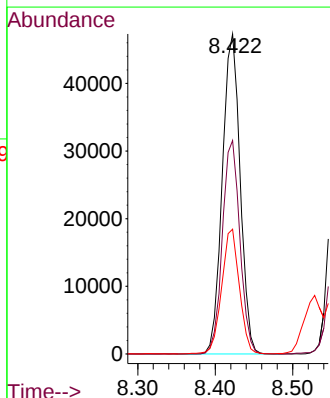
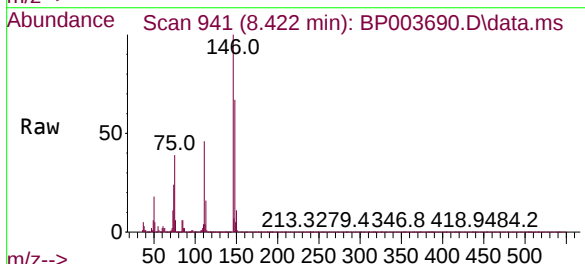
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

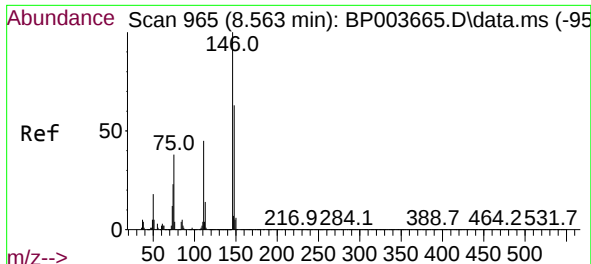
Tgt Ion: 93	Resp: 65508
Ion Ratio	Lower Upper
93 100	
63 72.4	39.0 79.0
95 32.6	12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 7.42 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 146	Resp: 75607
Ion Ratio	Lower Upper
146 100	
148 66.7	52.5 78.7
75 39.0	18.1 27.1

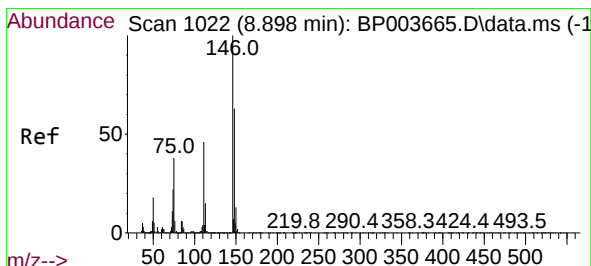
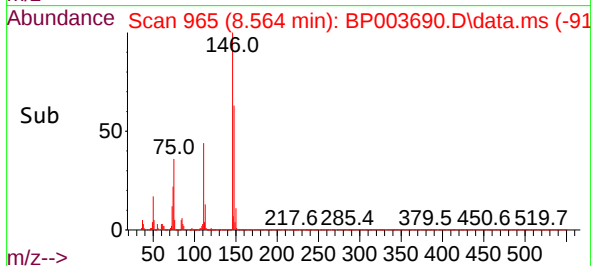
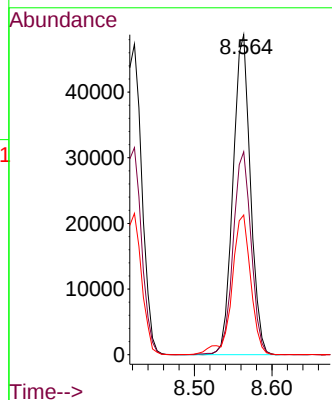
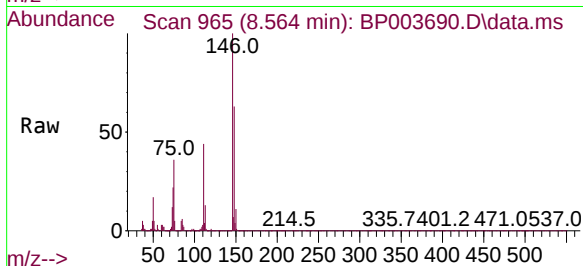




#13
1,4-Dichlorobenzene
Concen: 7.39 ng
RT: 8.564 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

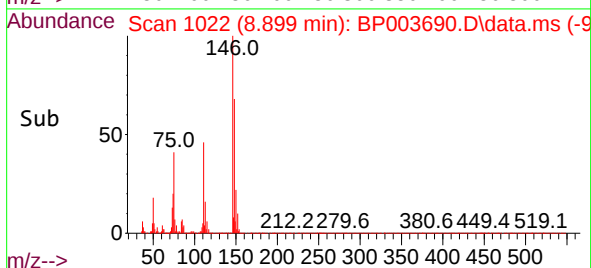
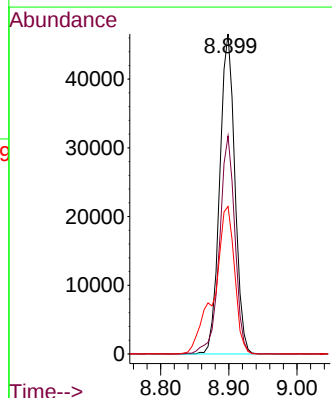
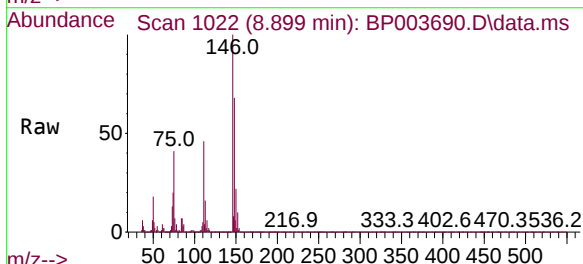
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

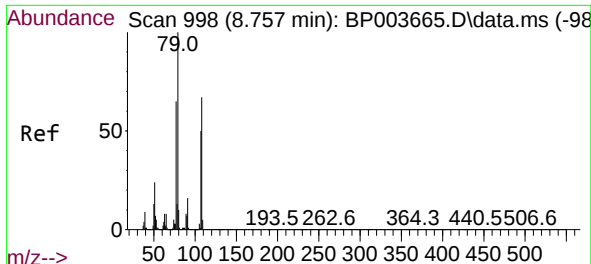
Tgt Ion:146 Resp: 76053
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 43.6 28.9 43.3#



#14
1,2-Dichlorobenzene
Concen: 7.38 ng
RT: 8.899 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:146 Resp: 71972
Ion Ratio Lower Upper
146 100
148 68.2 51.6 77.4
111 46.1 31.0 46.6

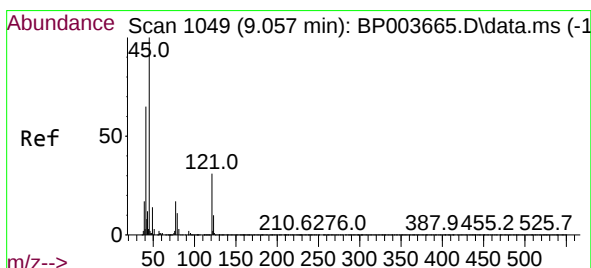
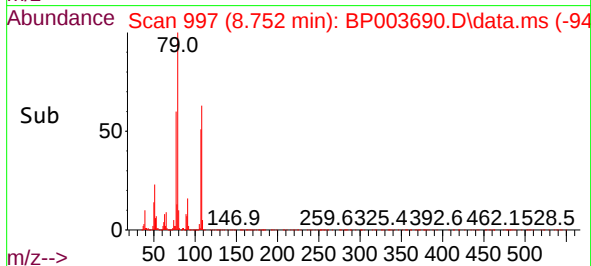
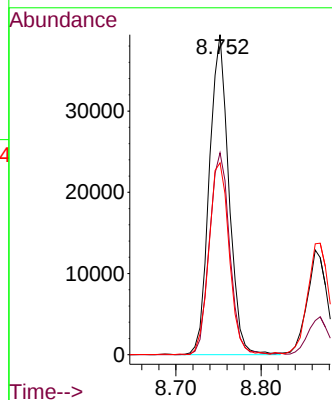
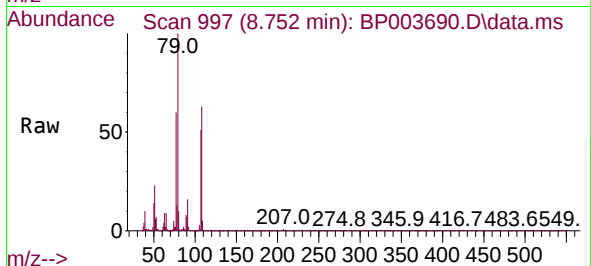




#15
Benzyl Alcohol
Concen: 7.30 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

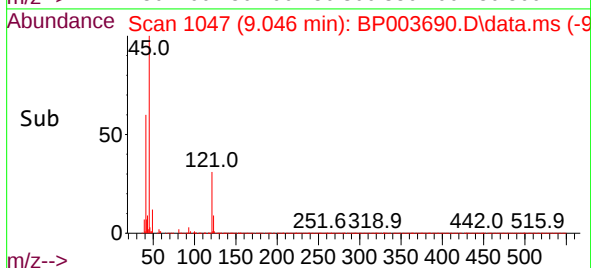
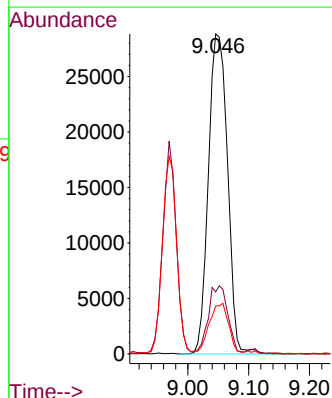
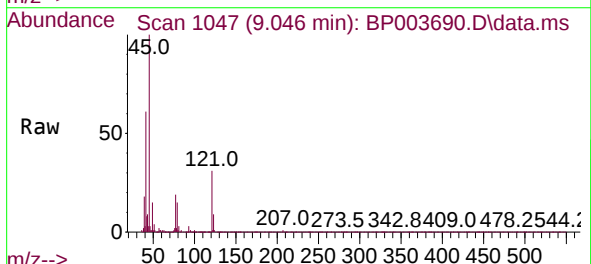
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

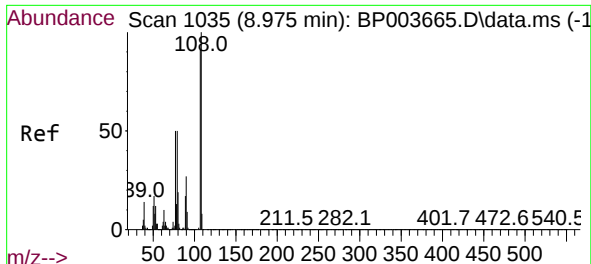
Tgt Ion: 79 Resp: 62579
Ion Ratio Lower Upper
79 100
108 63.1 73.5 110.3#
77 59.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.49 ng
RT: 9.046 min Scan# 1047
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 45 Resp: 62874
Ion Ratio Lower Upper
45 100
77 19.4 2.3 42.3
79 15.0 0.0 36.6

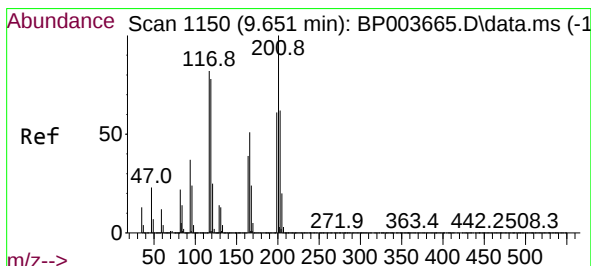
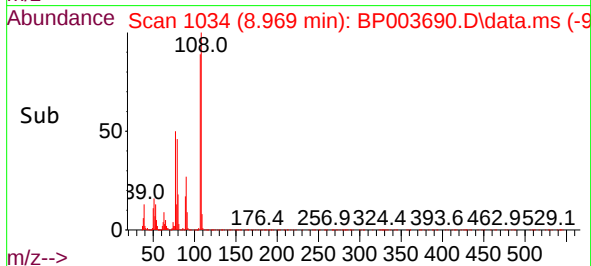
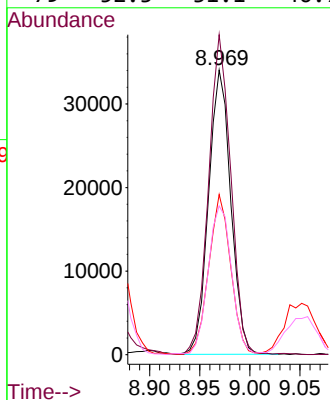
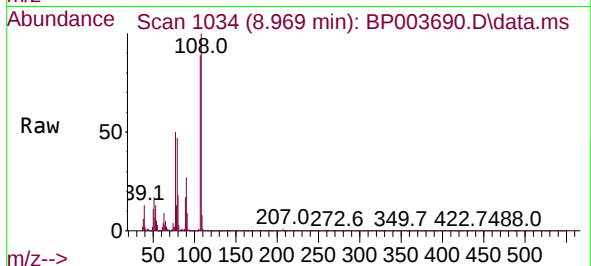




#17
2-Methylphenol
Concen: 7.43 ng
RT: 8.969 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

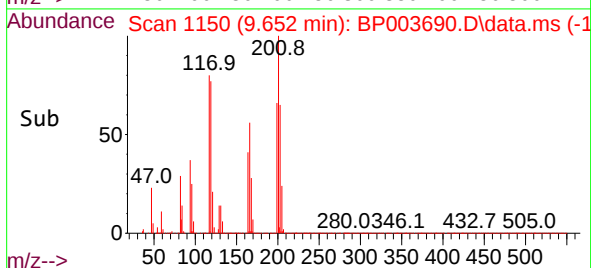
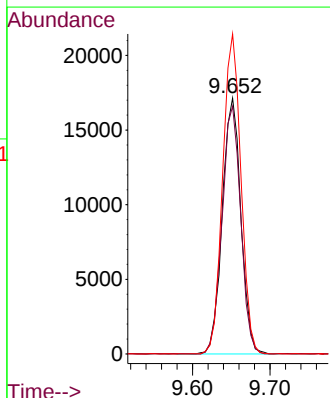
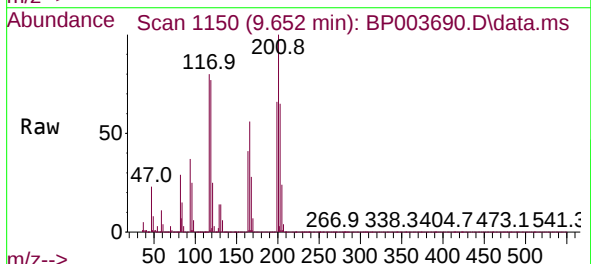
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

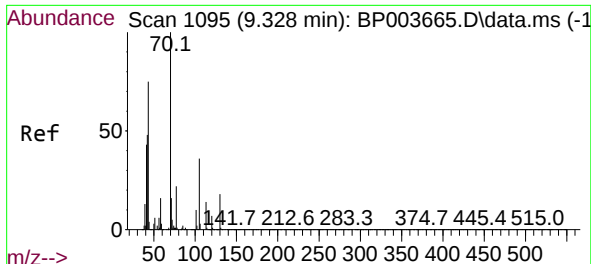
Tgt Ion:	107	Resp:	52544
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.6	134.4
77	56.3	31.8	47.6#
79	52.3	31.1	46.7#



#18
Hexachloroethane
Concen: 7.22 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	117	Resp:	28642
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.8	118.2
201	125.1	92.3	138.5

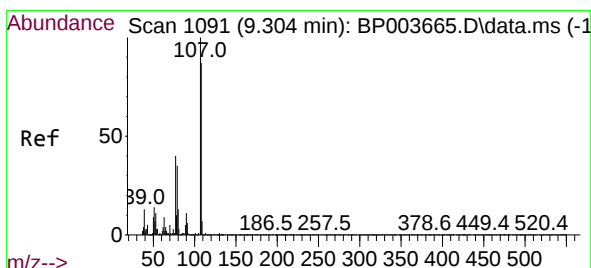
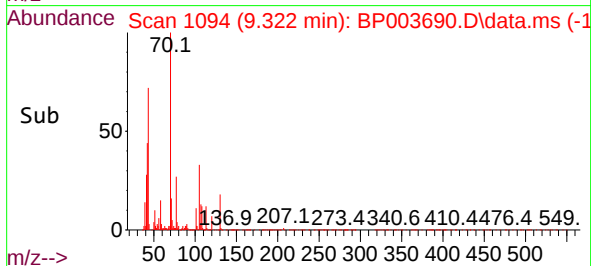
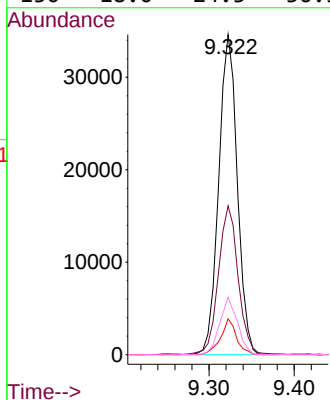
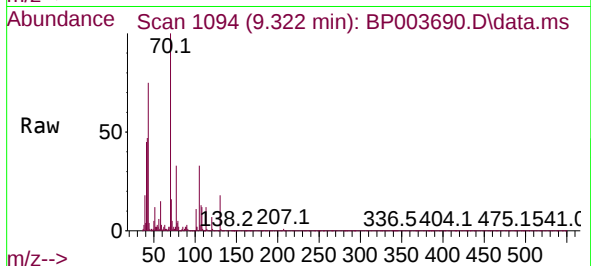




#19
n-Nitroso-di-n-propylamine
Concen: 7.67 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

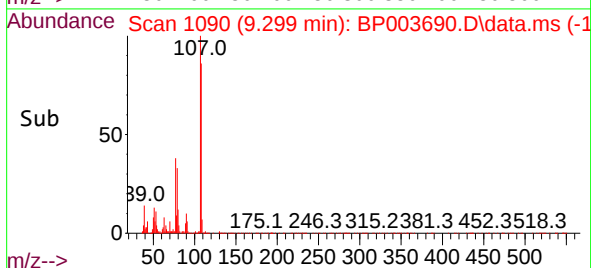
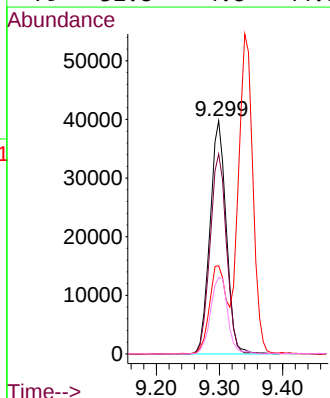
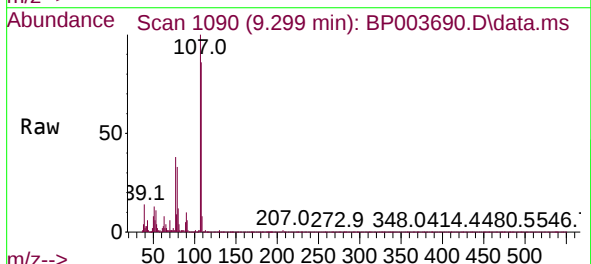
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

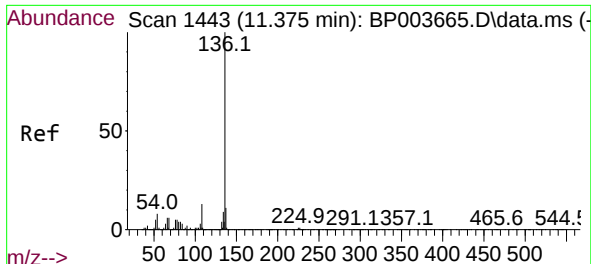
Tgt Ion:	70	Resp:	52510
Ion	Ratio	Lower	Upper
70	100		
42	46.5	32.8	49.2
101	11.2	9.6	14.4
130	18.0	24.3	36.5#



#20
3+4-Methylphenols
Concen: 7.46 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	107	Resp:	70971
Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.0	109.0
77	37.8	8.5	48.5
79	32.8	4.8	44.8

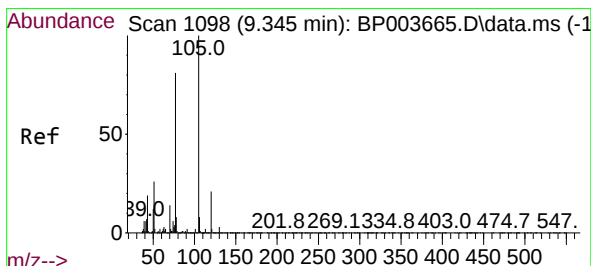
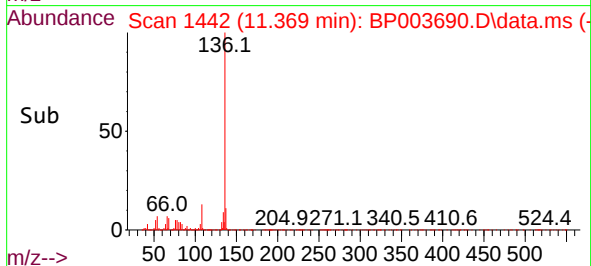
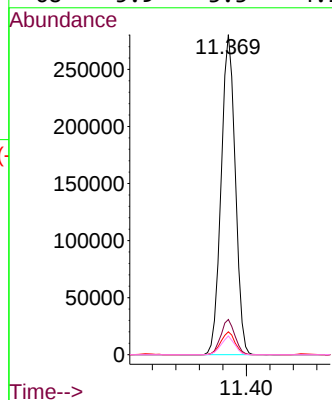
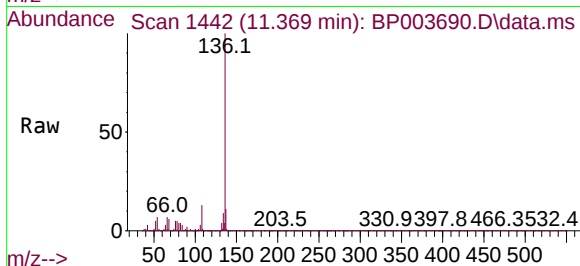




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

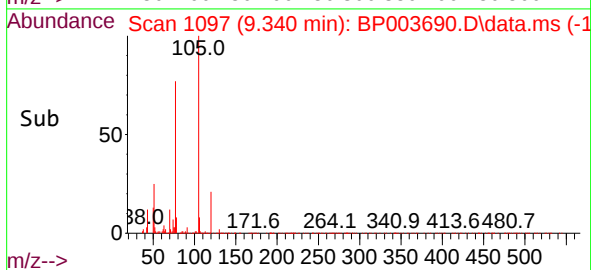
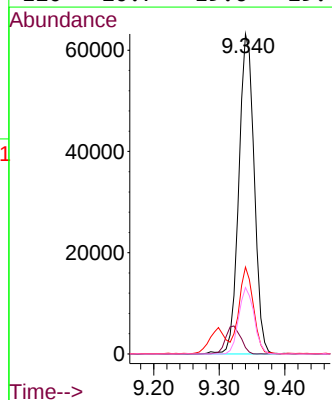
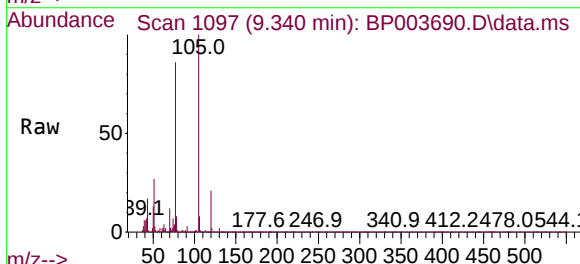
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

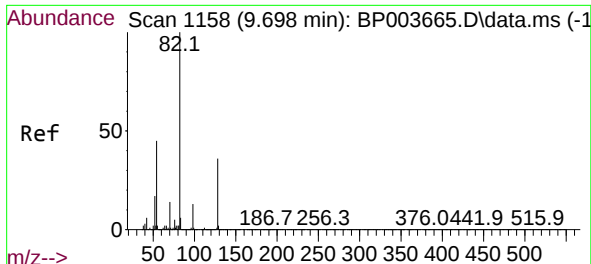
Tgt Ion:	136	Resp:	467905
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.1	3.6	5.4#
68	5.9	3.3	4.9#



#22
Acetophenone
Concen: 7.53 ng
RT: 9.340 min Scan# 1097
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	105	Resp:	103046
Ion Ratio	Lower	Upper	
105	100		
71	2.0	2.6	3.8#
51	27.1	13.5	20.3#
120	20.7	19.6	29.4

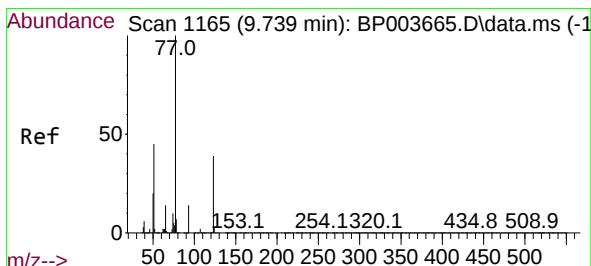
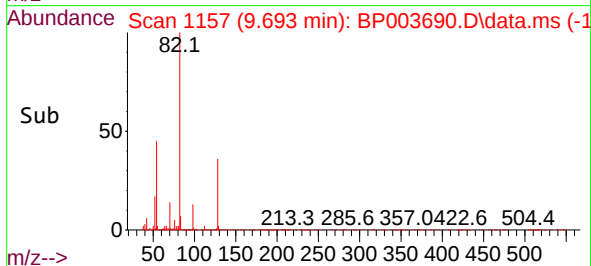
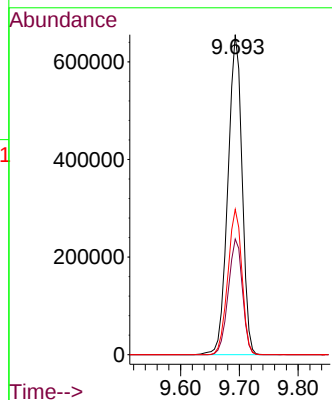
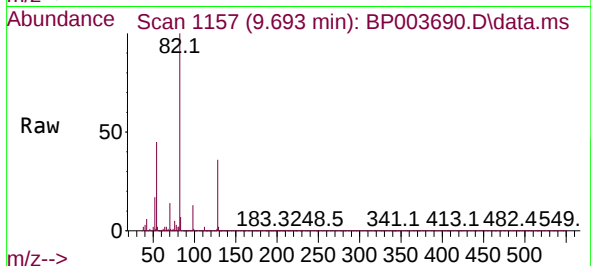




#23
Nitrobenzene-d5
Concen: 99.15 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

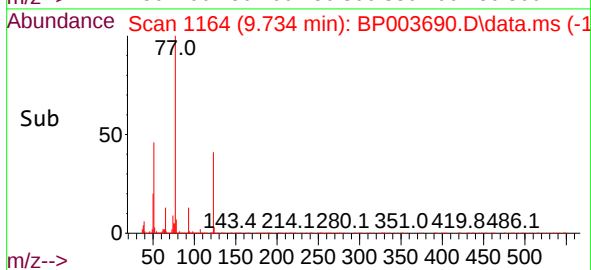
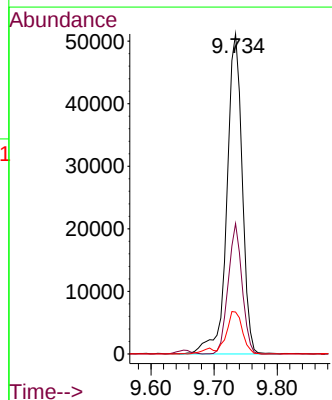
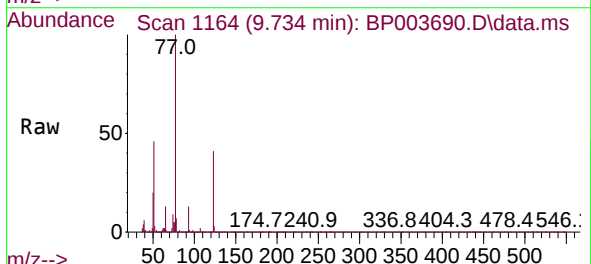
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

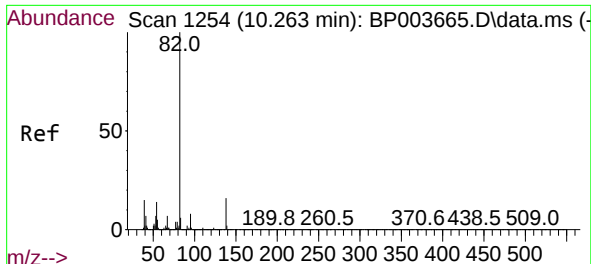
Tgt Ion: 82 Resp: 1096643
Ion Ratio Lower Upper
82 100
128 36.2 45.6 68.4#
54 45.4 30.1 45.1#



#24
Nitrobenzene
Concen: 8.08 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 77 Resp: 85999
Ion Ratio Lower Upper
77 100
123 40.7 48.6 72.8#
65 13.1 10.0 15.0

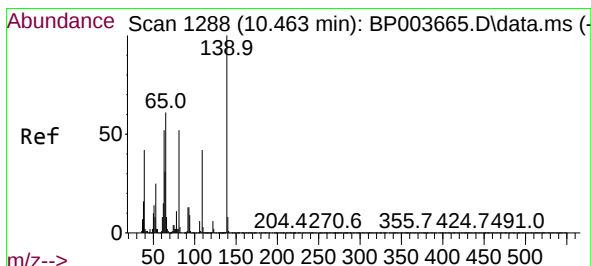
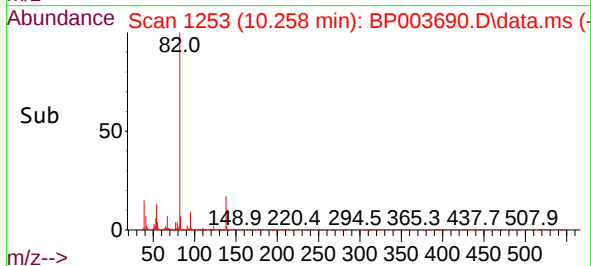
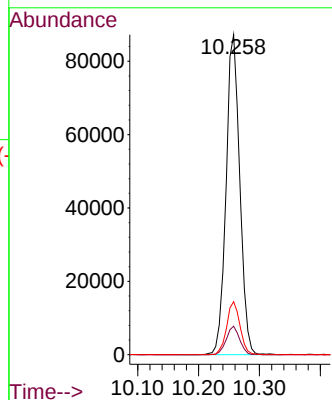
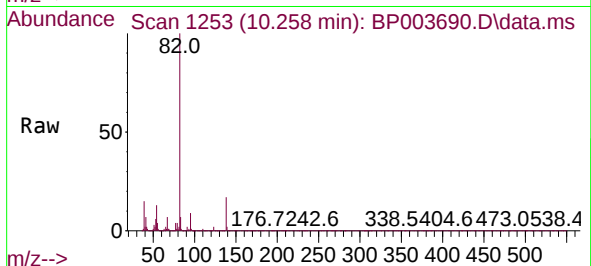




#25
Isophorone
Concen: 7.64 ng
RT: 10.258 min Scan# 1253
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

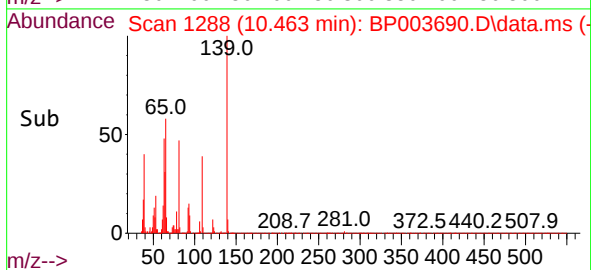
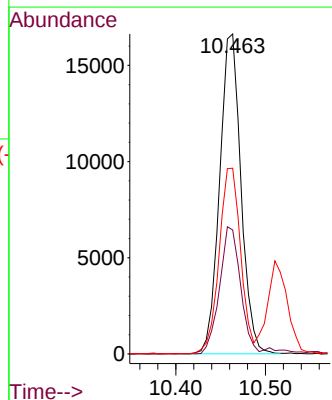
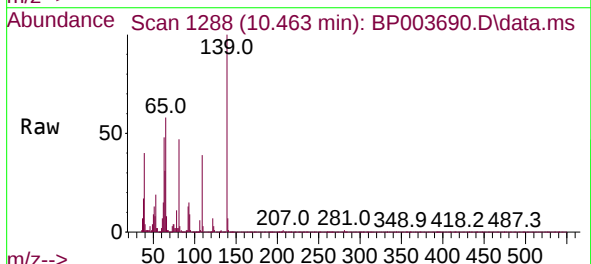
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

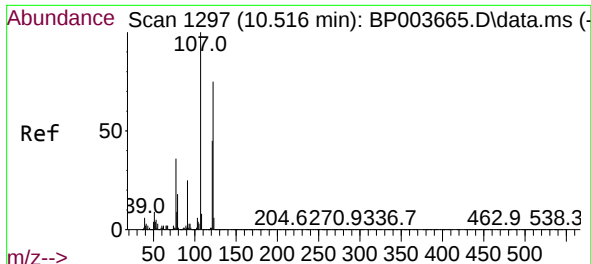
Tgt Ion: 82 Resp: 136180
Ion Ratio Lower Upper
82 100
95 8.9 6.4 9.6
138 16.6 18.7 28.1#



#26
2-Nitrophenol
Concen: 6.91 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 139 Resp: 27477
Ion Ratio Lower Upper
139 100
109 38.7 22.1 33.1#
65 58.0 26.5 39.7#

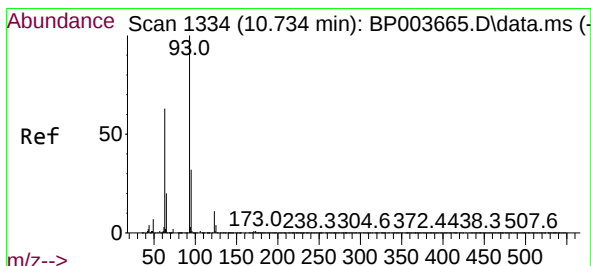
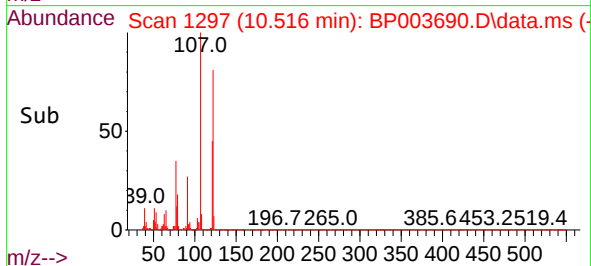
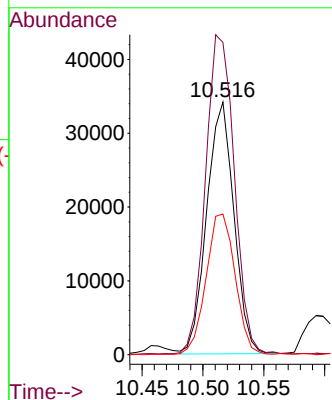
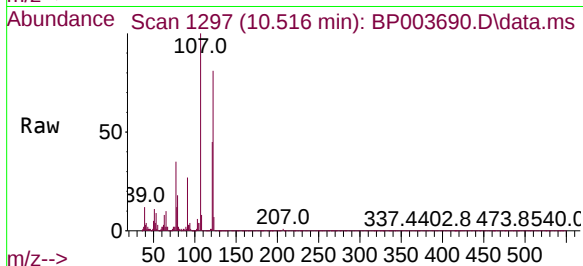




#27
2,4-Dimethylphenol
Concen: 8.50 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

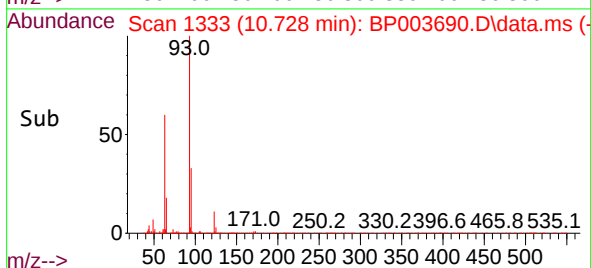
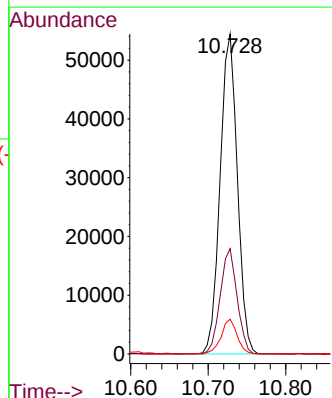
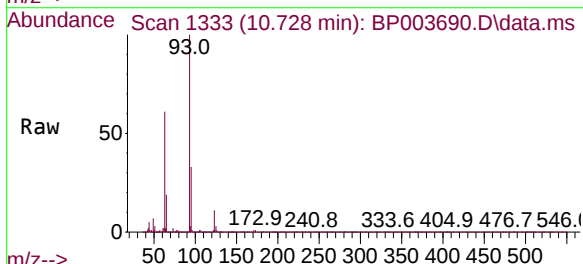
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

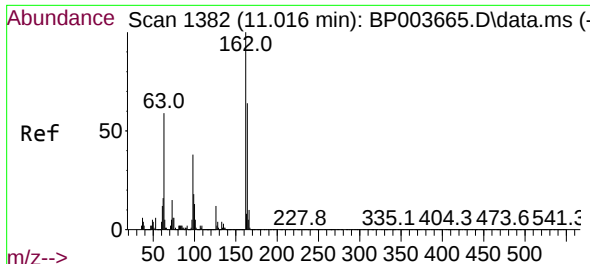
Tgt Ion:	122	Resp:	53077
Ion	Ratio	Lower	Upper
122	100		
107	123.6	87.3	130.9
121	55.6	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 7.40 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	93	Resp:	84095
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.7	40.1
123	10.8	10.5	15.7

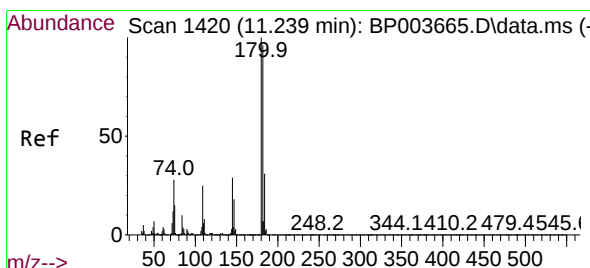
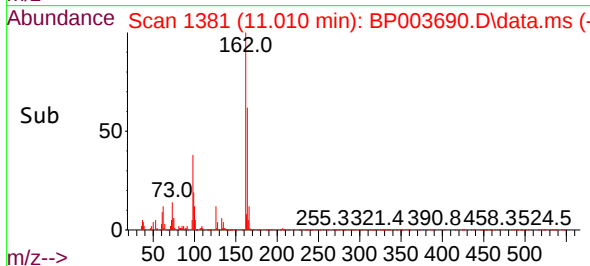
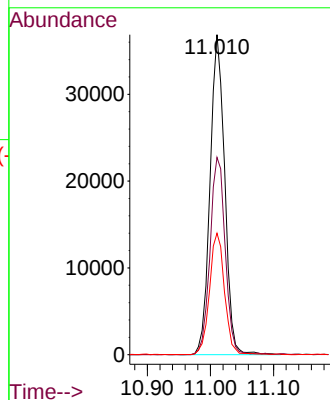
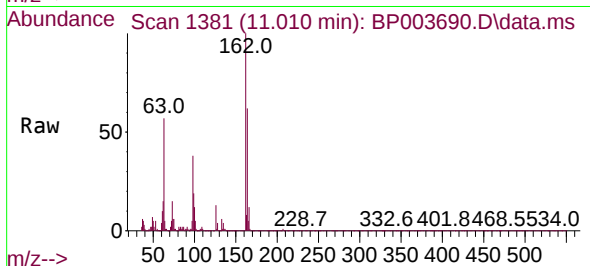




#29
2,4-Dichlorophenol
Concen: 7.24 ng
RT: 11.010 min Scan# 1381
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

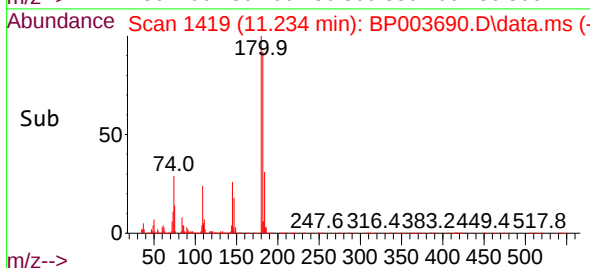
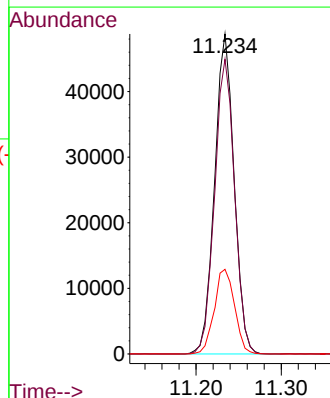
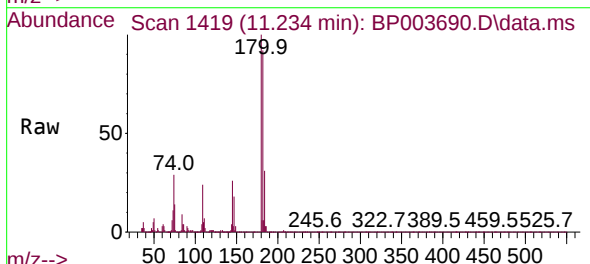
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

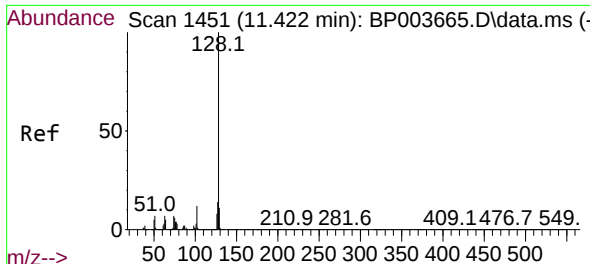
Tgt Ion:162 Resp: 59349
Ion Ratio Lower Upper
162 100
164 61.7 45.8 85.8
98 37.9 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 7.40 ng
RT: 11.234 min Scan# 1419
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:180 Resp: 77737
Ion Ratio Lower Upper
180 100
182 92.1 76.2 114.2
145 26.5 23.8 35.8

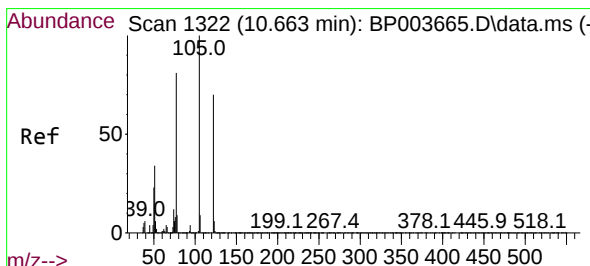
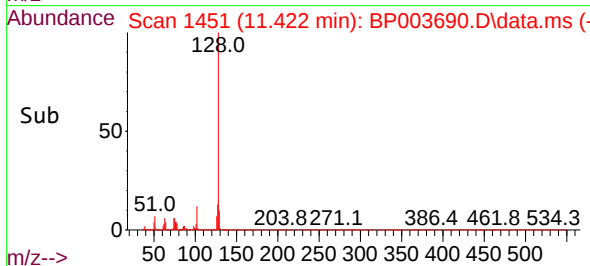
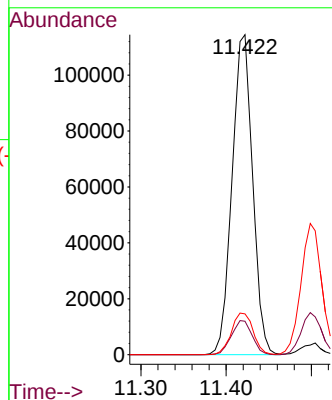
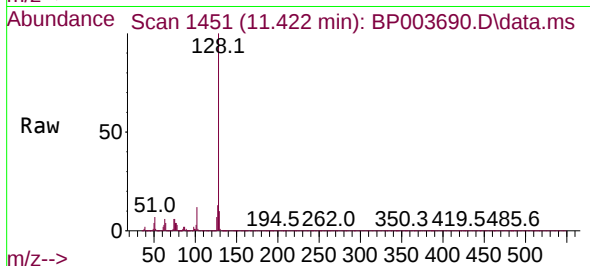




#31
Naphthalene
Concen: 7.60 ng
RT: 11.422 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

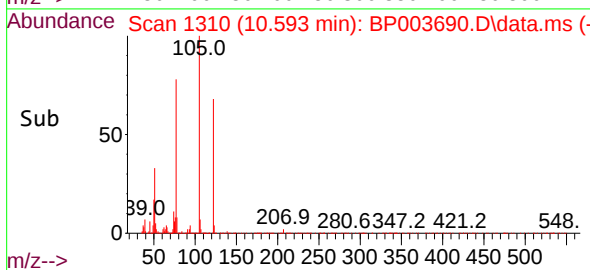
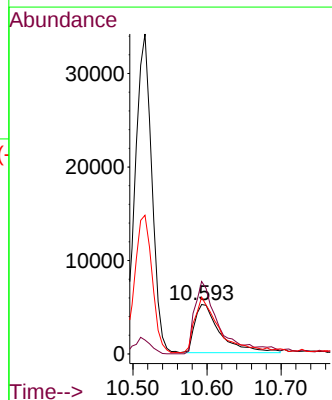
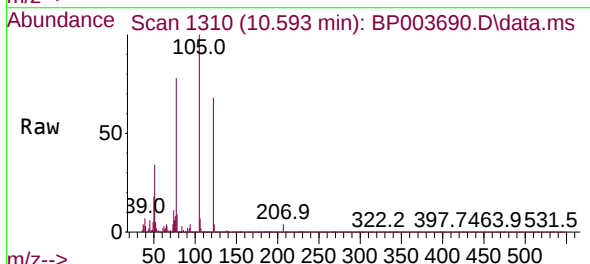
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

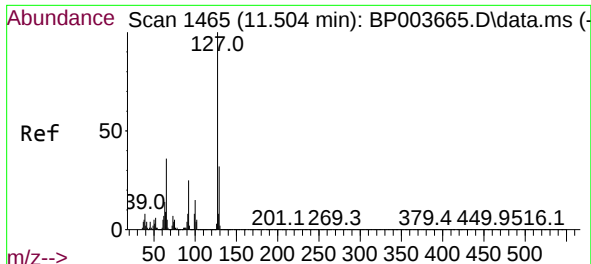
Tgt Ion:128 Resp: 191683
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 3.32 ng
RT: 10.593 min Scan# 1310
Delta R.T. -0.070 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:122 Resp: 12307
Ion Ratio Lower Upper
122 100
105 146.5 94.1 134.1#
77 114.8 50.1 90.1#

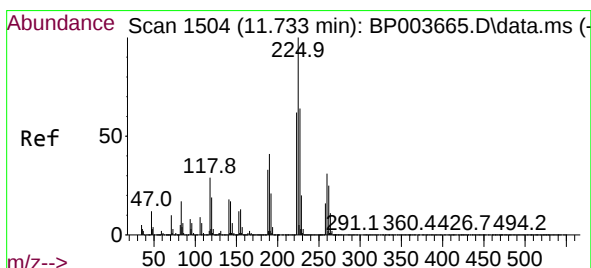
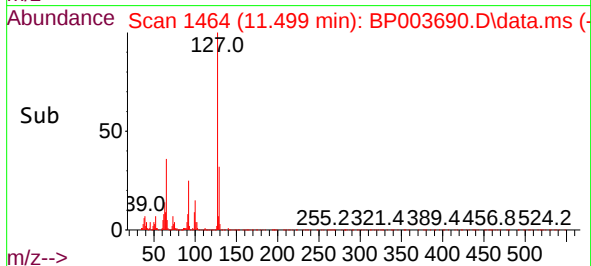
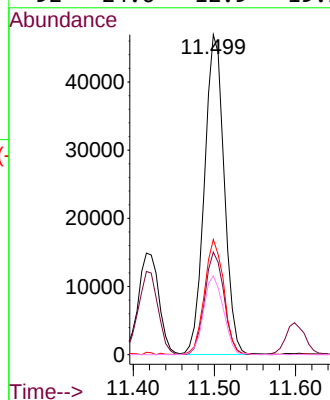
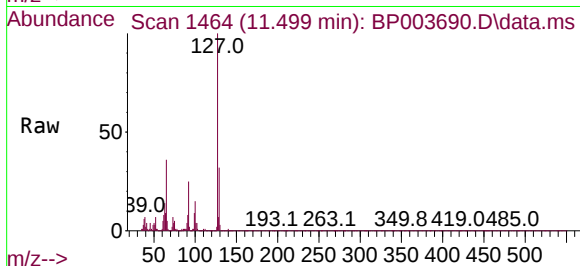




#33
4-Chloroaniline
Concen: 7.61 ng
RT: 11.499 min Scan# 1464
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

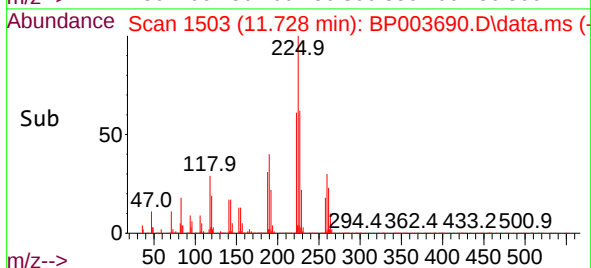
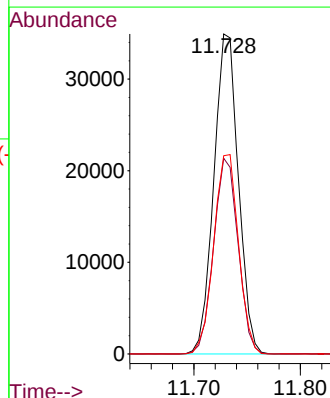
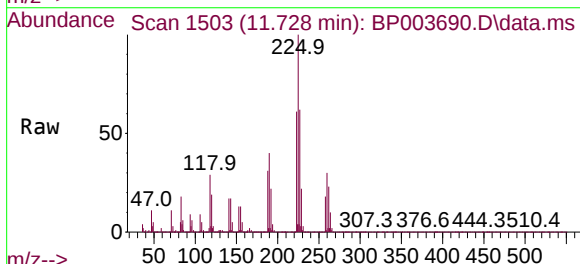
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

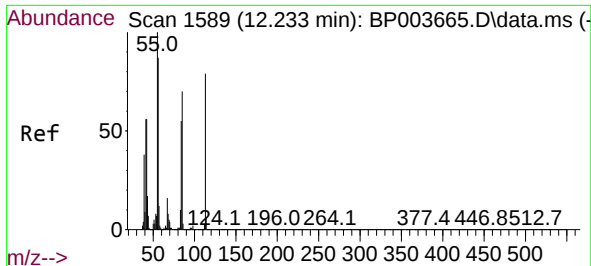
Tgt Ion:	127	Resp:	79160
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.7	38.5
65	36.0	17.3	25.9#
92	24.6	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 7.05 ng
RT: 11.728 min Scan# 1503
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	225	Resp:	55824
Ion Ratio	Lower	Upper	
225	100		
223	61.2	50.1	75.1
227	61.9	51.4	77.2

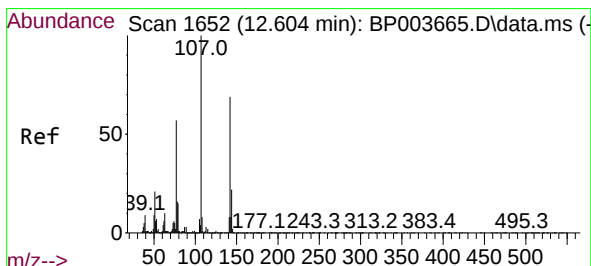
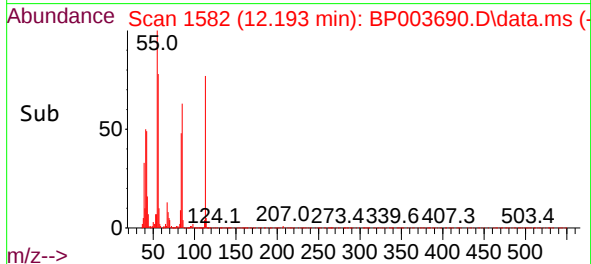
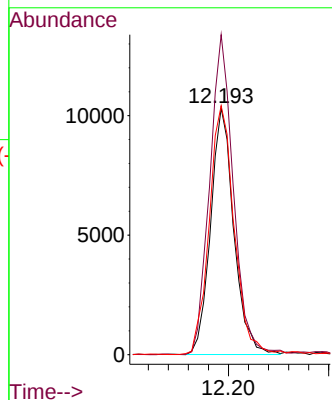
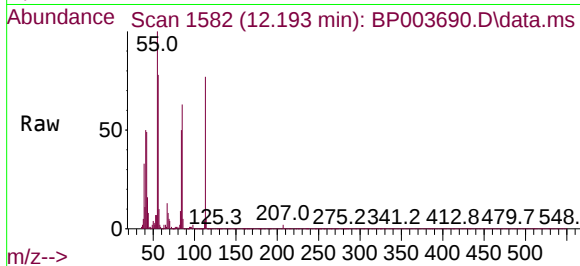




#35
Caprolactam
Concen: 6.90 ng
RT: 12.193 min Scan# 1582
Delta R.T. -0.041 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

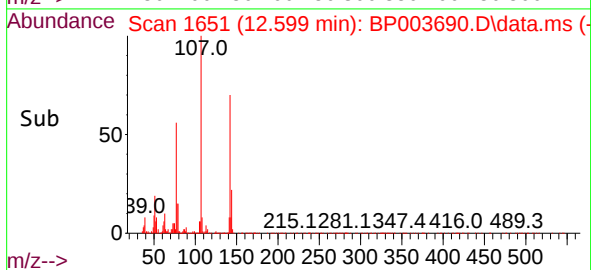
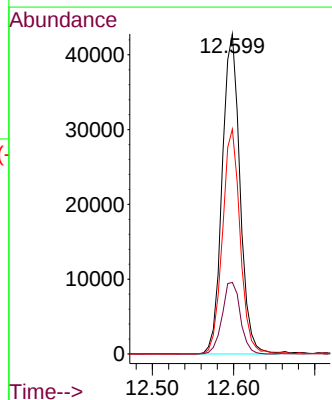
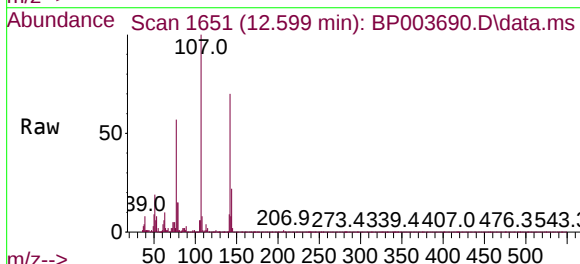
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

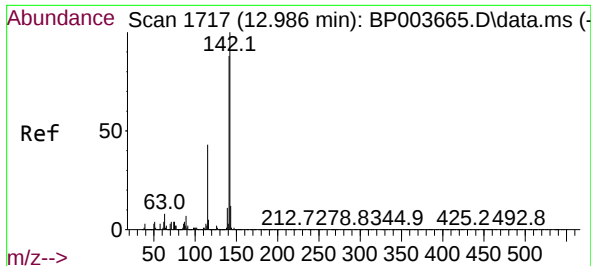
Tgt Ion:113 Resp: 16549
Ion Ratio Lower Upper
113 100
55 129.7 77.3 117.3#
56 100.9 55.9 95.9#



#36
4-Chloro-3-methylphenol
Concen: 7.34 ng
RT: 12.599 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:107 Resp: 65222
Ion Ratio Lower Upper
107 100
144 22.3 22.7 34.1#
142 70.2 70.7 106.1#

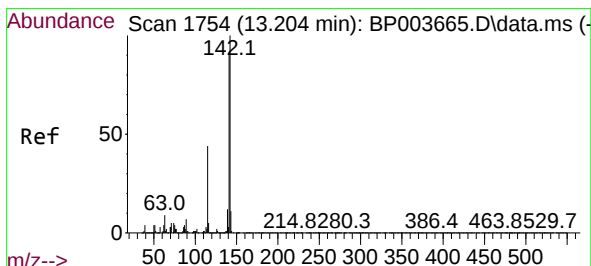
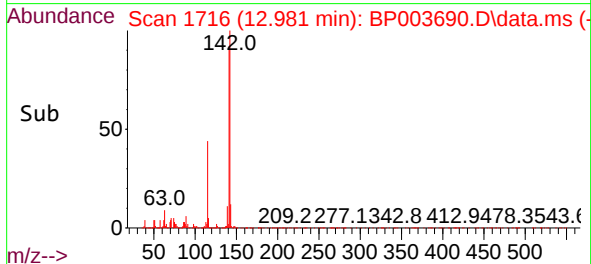
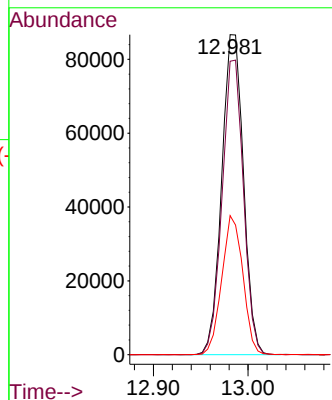
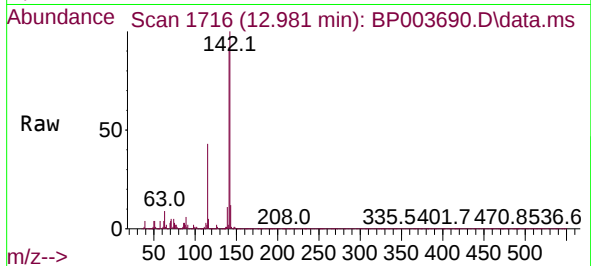




#37
2-Methylnaphthalene
Concen: 7.57 ng
RT: 12.981 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

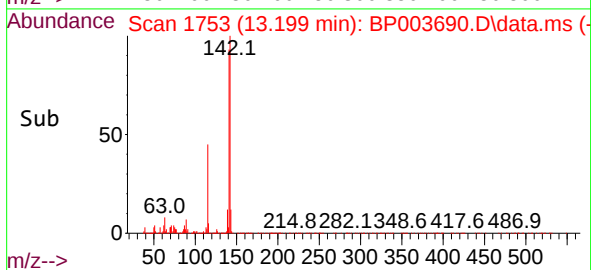
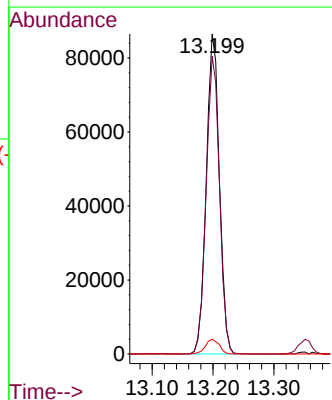
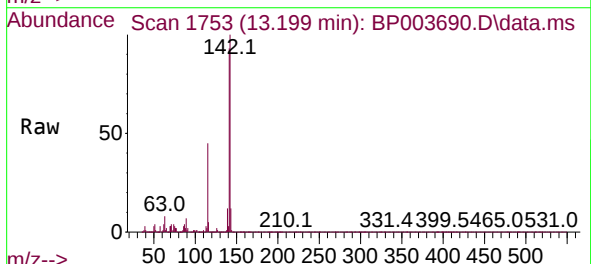
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

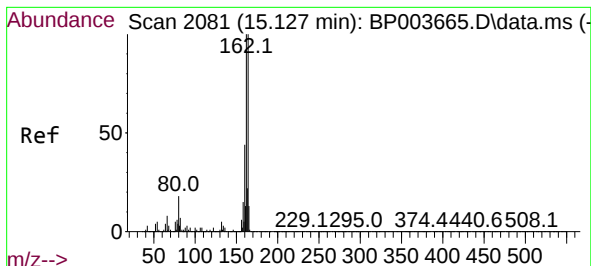
Tgt Ion:142 Resp: 138518
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.2
115 43.5 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 7.48 ng
RT: 13.199 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:142 Resp: 129448
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.6 2.9 4.3#

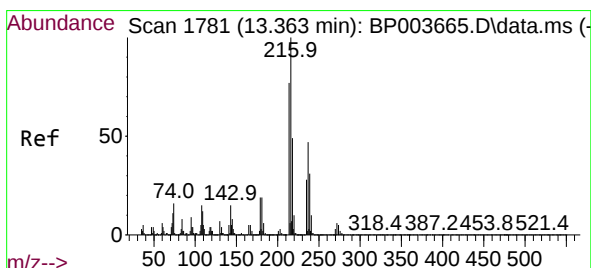
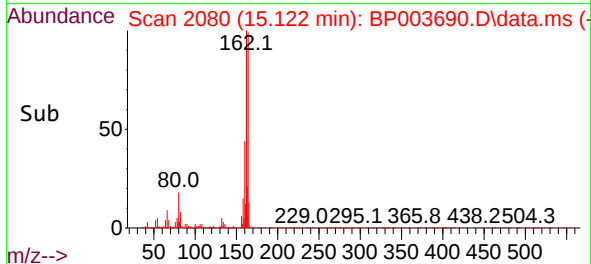
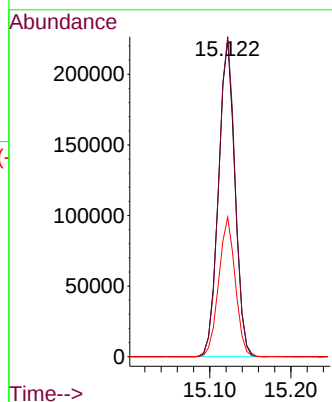
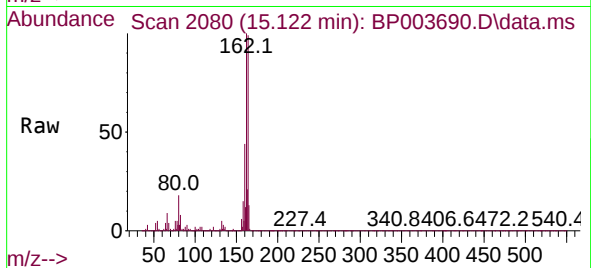




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

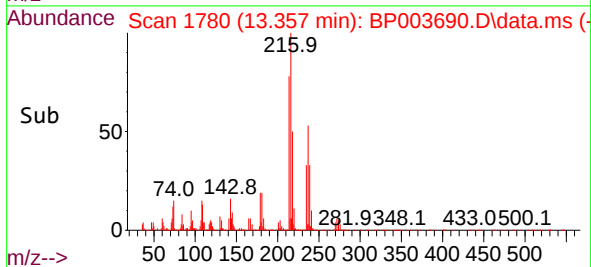
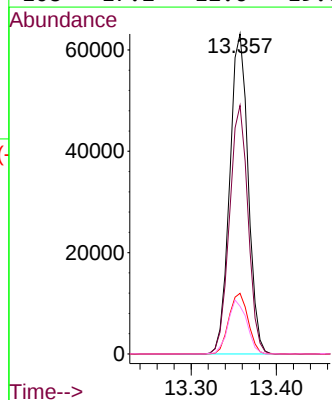
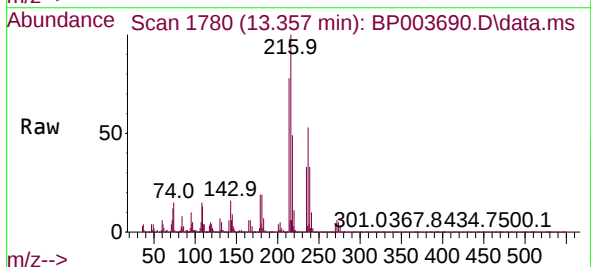
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

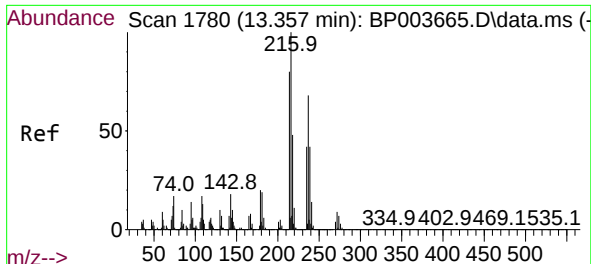
Tgt Ion:164 Resp: 314612
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 44.1 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.61 ng
RT: 13.357 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:216 Resp: 94857
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 19.8 16.9 25.3
108 17.2 12.6 19.0

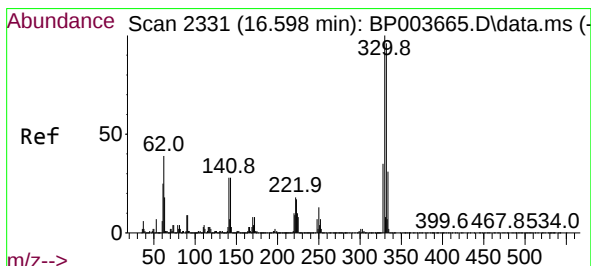
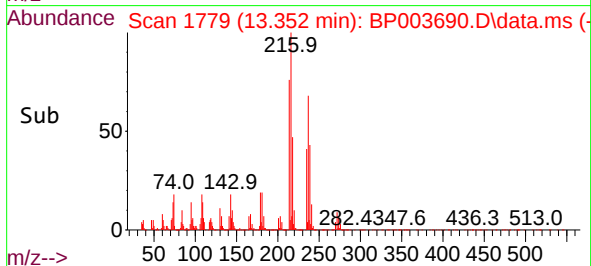
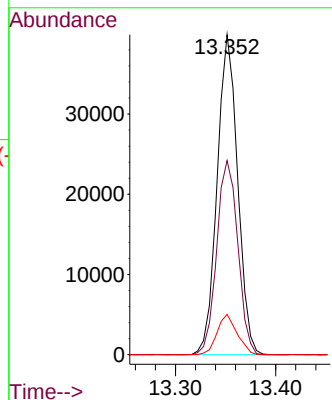
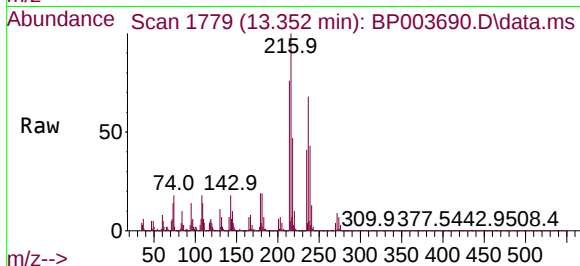




#41
Hexachlorocyclopentadiene
Concen: 7.84 ng
RT: 13.352 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

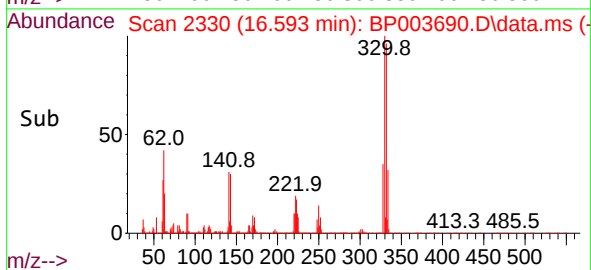
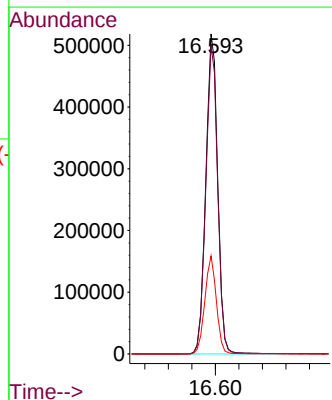
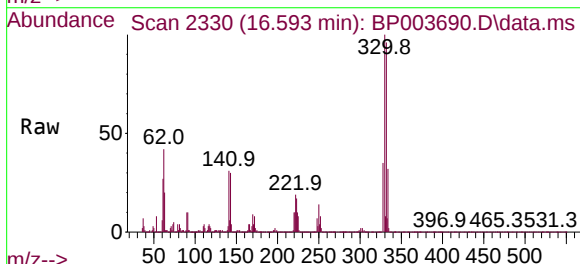
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

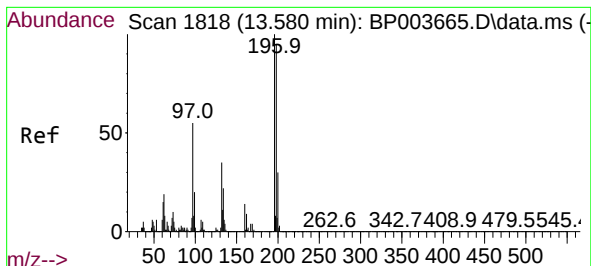
Tgt Ion:	237	Resp:	56584
Ion	Ratio	Lower	Upper
237	100		
235	60.6	43.2	83.2
272	12.6	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 147.53 ng
RT: 16.593 min Scan# 2330
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	330	Resp:	724113
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	29.9	23.4	35.2

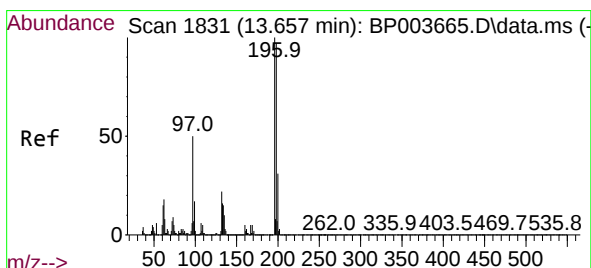
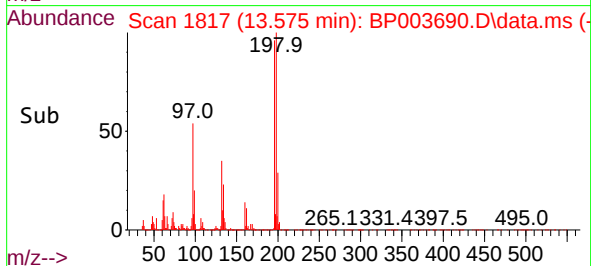
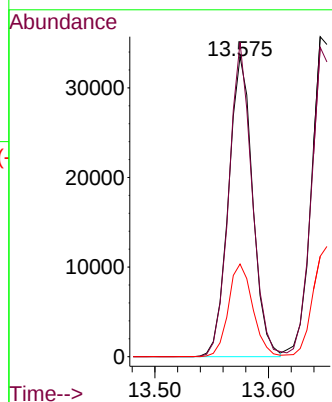
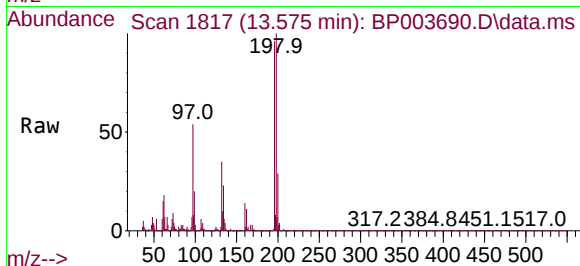




#43
2,4,6-Trichlorophenol
Concen: 6.66 ng
RT: 13.575 min Scan# 1817
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

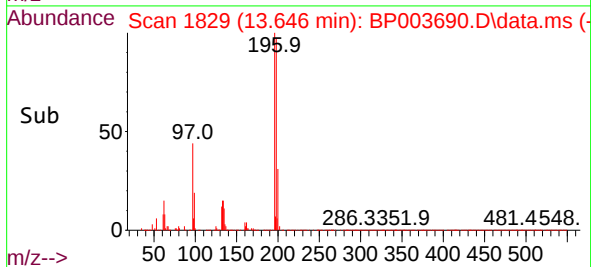
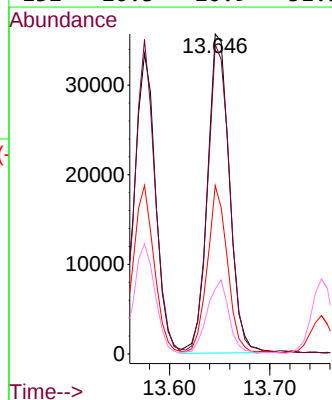
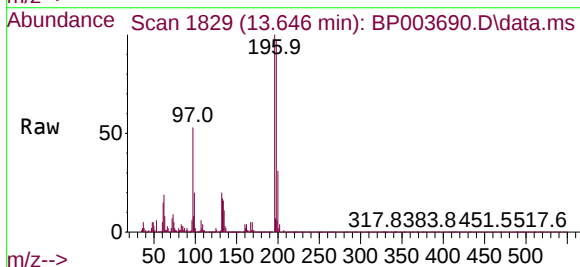
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

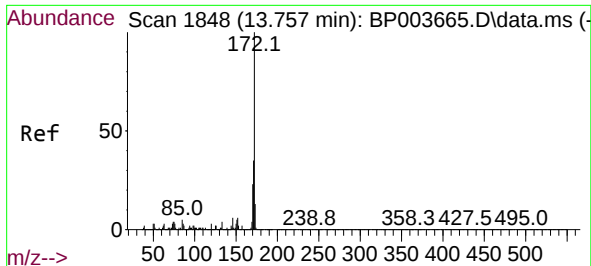
Tgt Ion:196 Resp: 49383
Ion Ratio Lower Upper
196 100
198 104.7 77.0 115.6
200 30.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 7.03 ng
RT: 13.646 min Scan# 1829
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:196 Resp: 54161
Ion Ratio Lower Upper
196 100
198 96.7 77.3 115.9
97 52.6 31.0 46.4#
132 20.3 20.9 31.3#

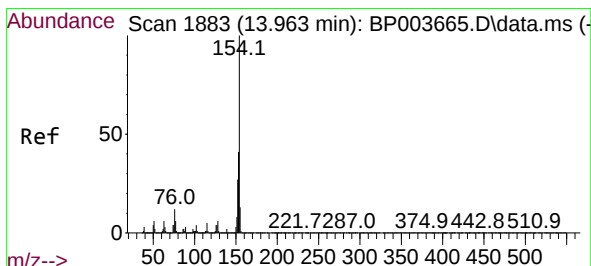
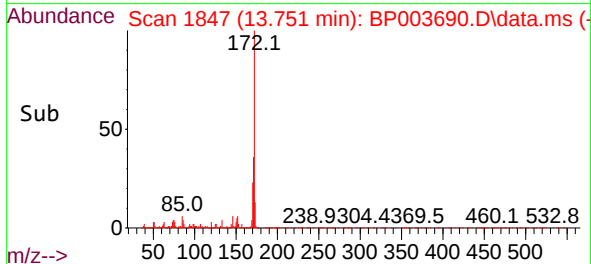
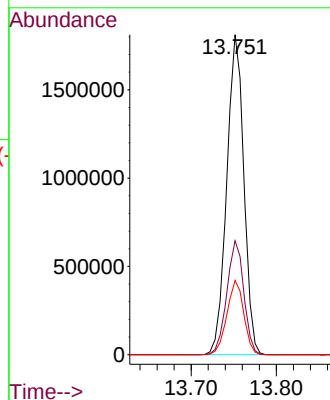
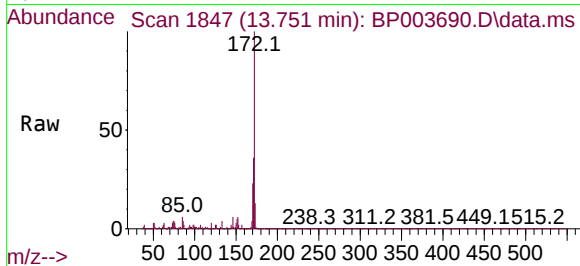




#45
2-Fluorobiphenyl
Concen: 103.62 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

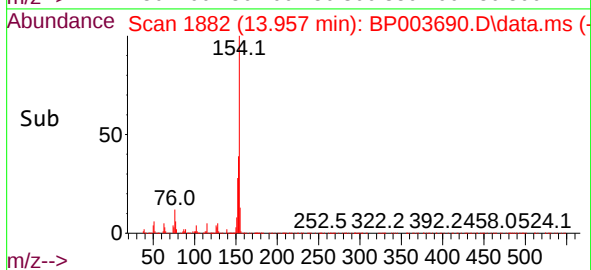
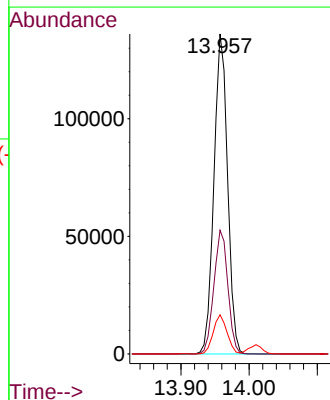
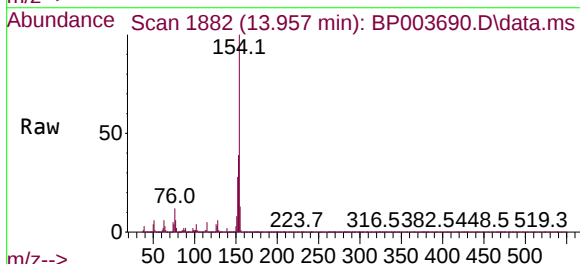
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

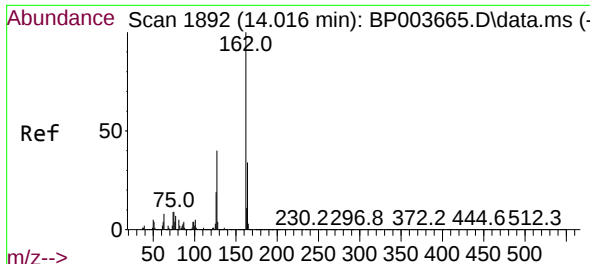
Tgt Ion:172 Resp: 2521811
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 7.72 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:154 Resp: 189332
Ion Ratio Lower Upper
154 100
153 38.6 20.4 60.4
76 12.2 0.0 29.3

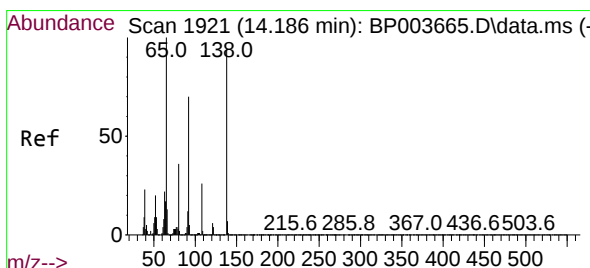
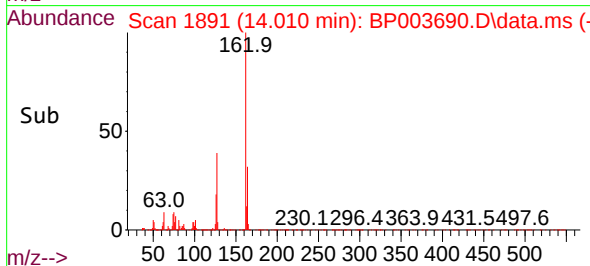
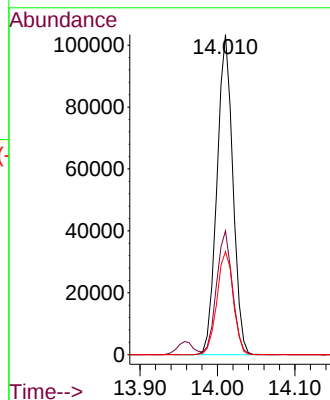
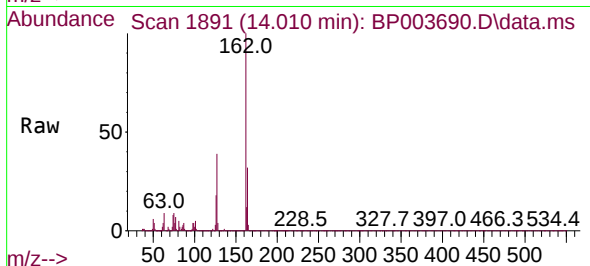




#47
2-Chloronaphthalene
Concen: 7.17 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

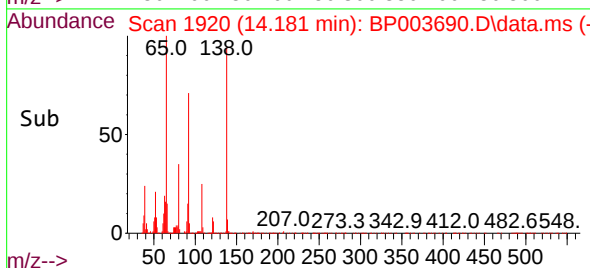
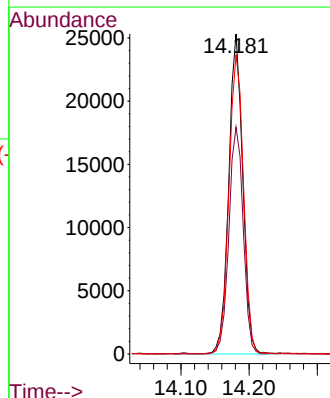
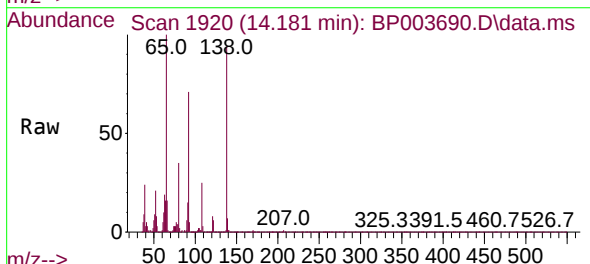
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

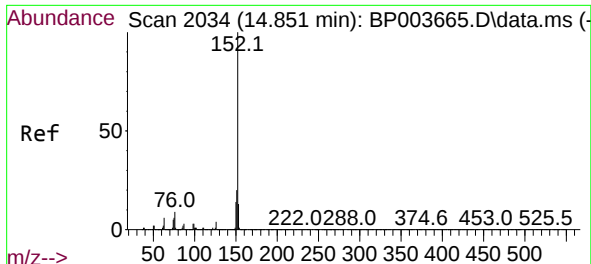
Tgt Ion:	162	Resp:	147144
Ion	Ratio	Lower	Upper
162	100		
127	38.7	29.9	44.9
164	32.2	26.1	39.1



#48
2-Nitroaniline
Concen: 6.00 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	65	Resp:	36352
Ion	Ratio	Lower	Upper
65	100		
92	70.9	70.6	106.0
138	93.6	133.6	200.4





#49

Acenaphthylene

Concen: 7.31 ng

RT: 14.846 min Scan# 2033

Delta R.T. -0.005 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

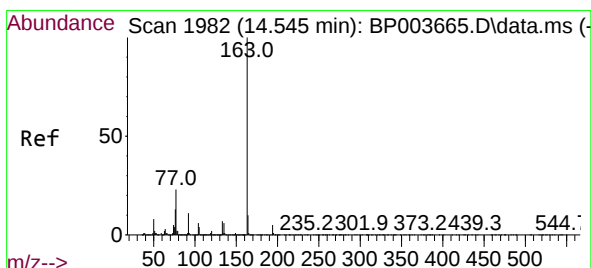
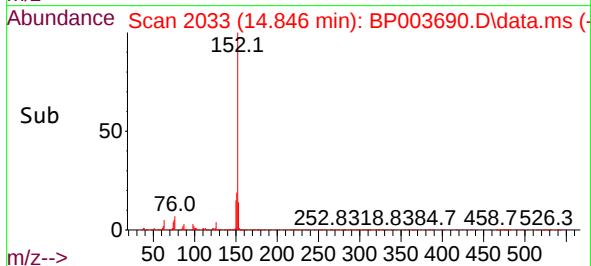
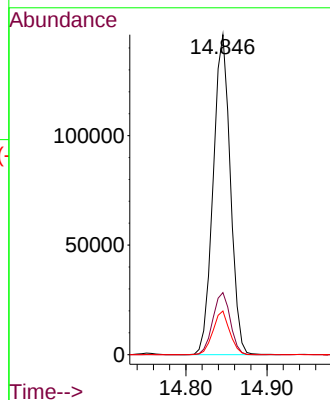
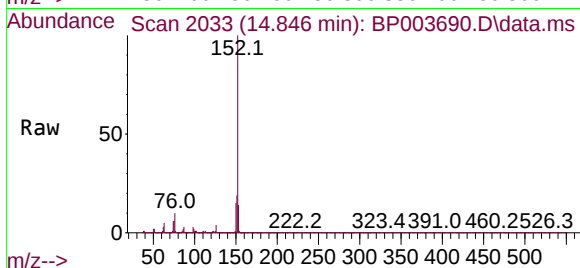
Tgt Ion:	152	Resp:	214121
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.9	23.9
153	13.6	10.5	15.7

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020



#50

Dimethylphthalate

Concen: 7.29 ng

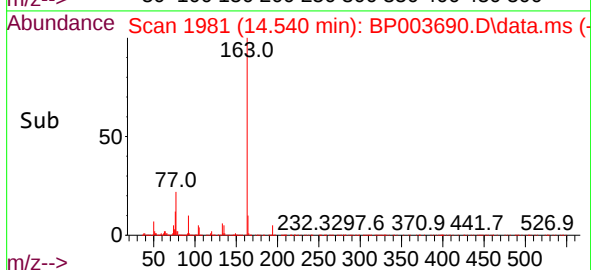
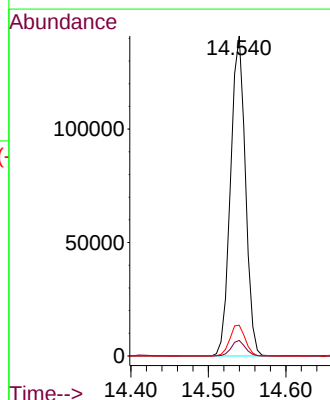
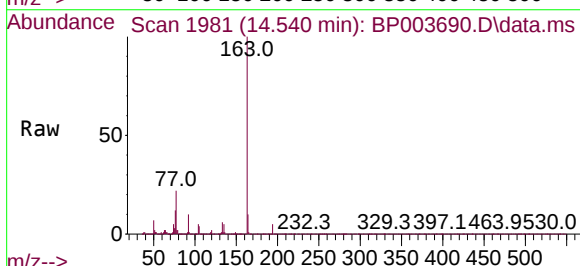
RT: 14.540 min Scan# 1981

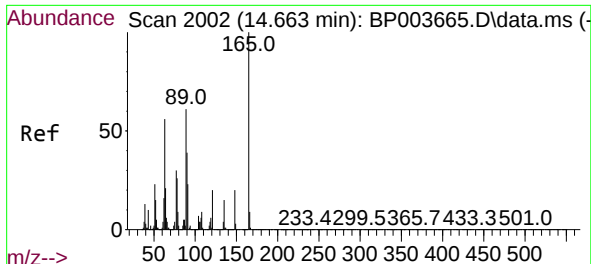
Delta R.T. -0.005 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

Tgt Ion:	163	Resp:	188338
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.3	4.9
164	9.6	8.2	12.2

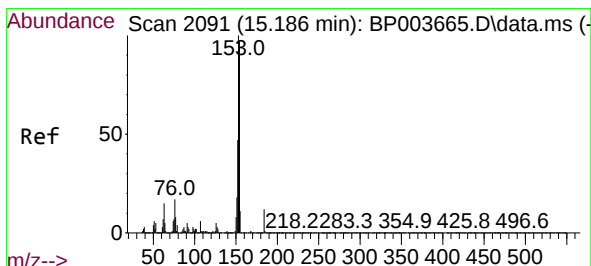
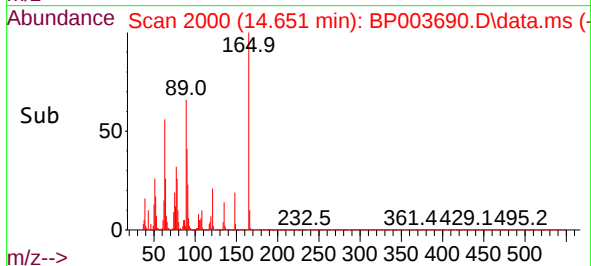
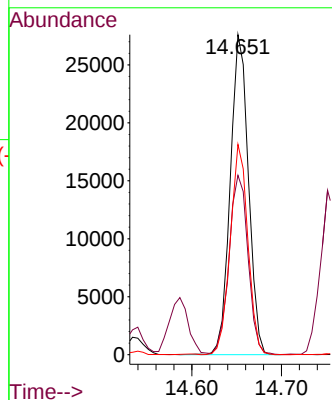
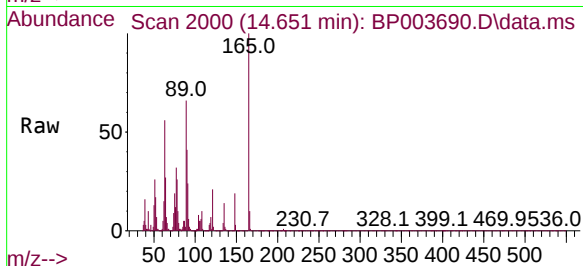




#51
2,6-Dinitrotoluene
Concen: 7.35 ng
RT: 14.651 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

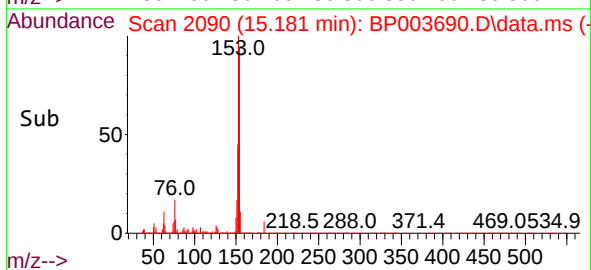
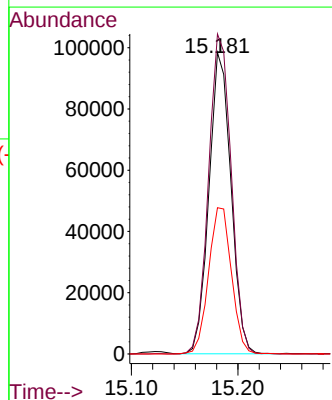
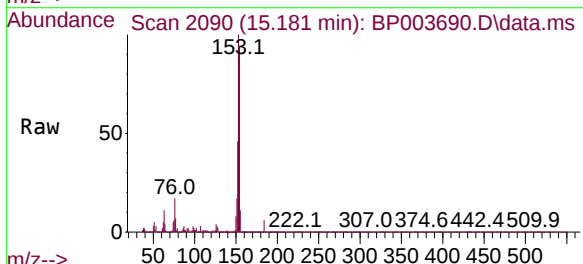
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

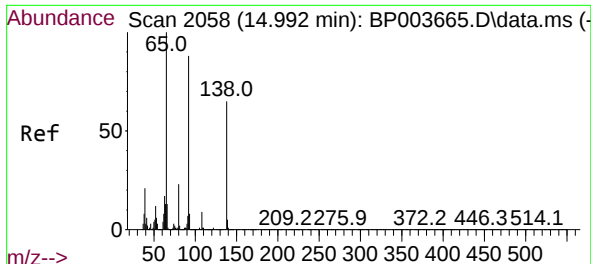
Tgt Ion:165 Resp: 38670
Ion Ratio Lower Upper
165 100
63 56.0 27.8 41.6#
89 65.7 34.6 52.0#



#52
Acenaphthene
Concen: 7.14 ng
RT: 15.181 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:154 Resp: 141175
Ion Ratio Lower Upper
154 100
153 106.2 91.0 136.6
152 48.5 43.0 64.6

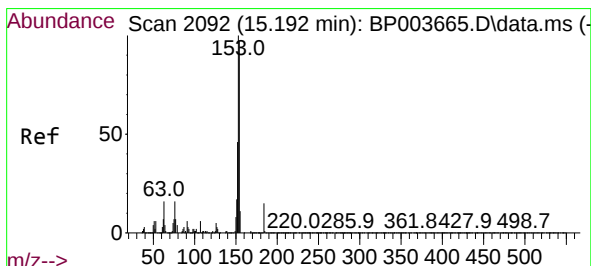
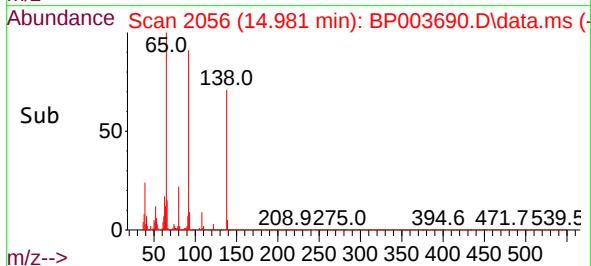
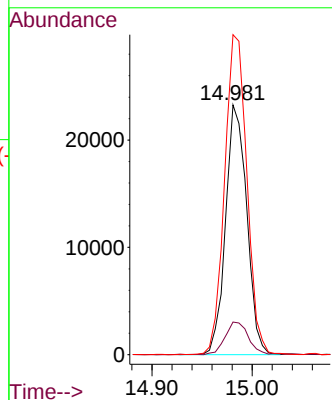
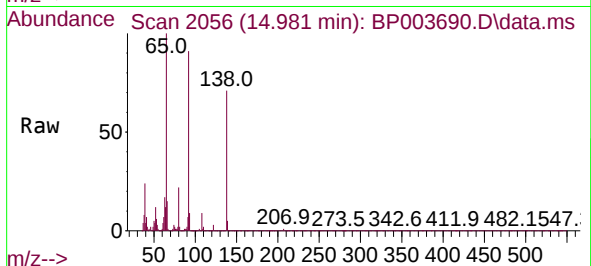




#53
3-Nitroaniline
Concen: 6.61 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

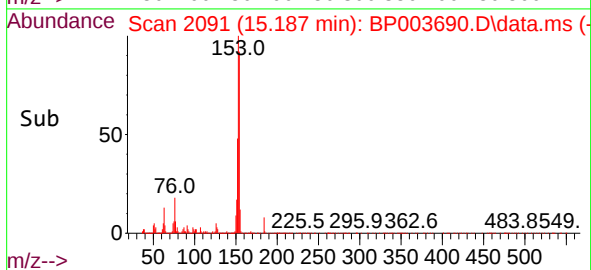
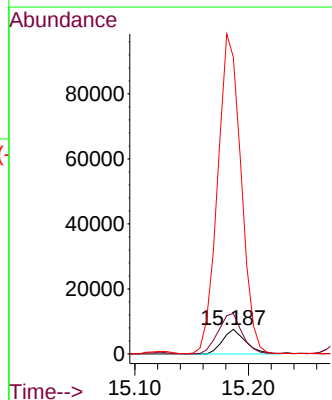
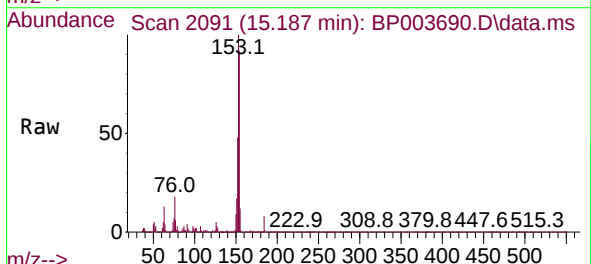
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

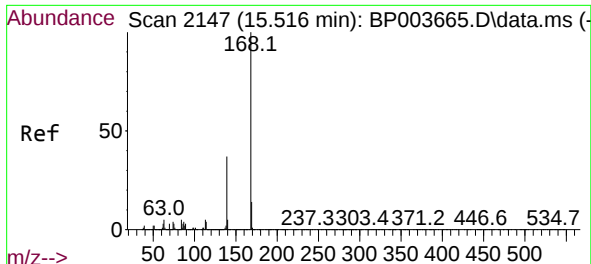
Tgt Ion:138 Resp: 34115
Ion Ratio Lower Upper
138 100
108 13.1 7.5 11.3#
92 128.2 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 4.45 ng
RT: 15.187 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:184 Resp: 10717
Ion Ratio Lower Upper
184 100
63 165.0 32.3 48.5#
154 1205.2 49.1 73.7#

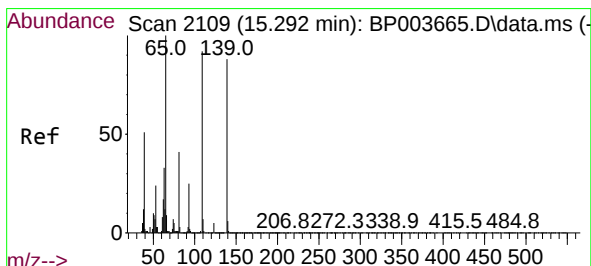
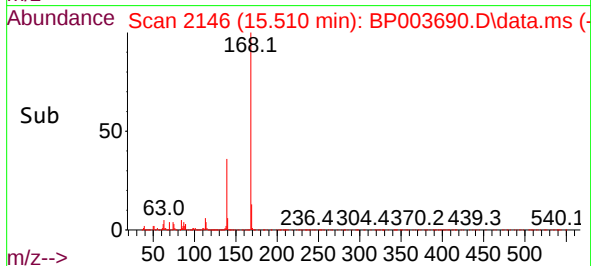
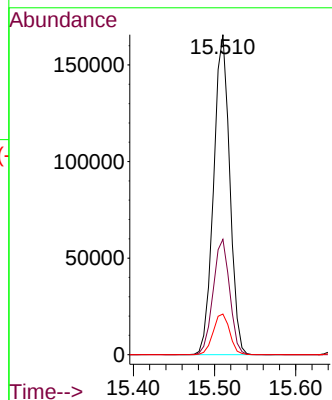
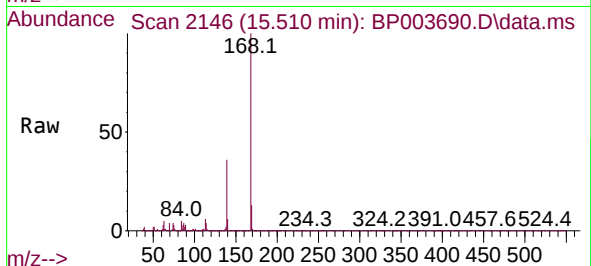




#55
Dibenzofuran
Concen: 7.64 ng
RT: 15.510 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

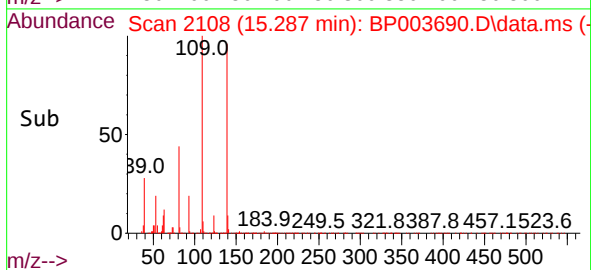
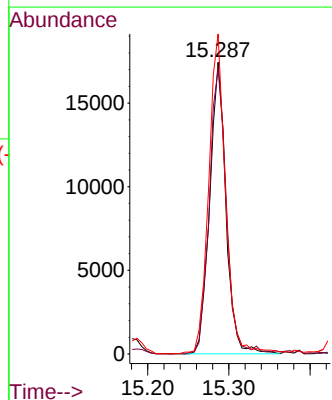
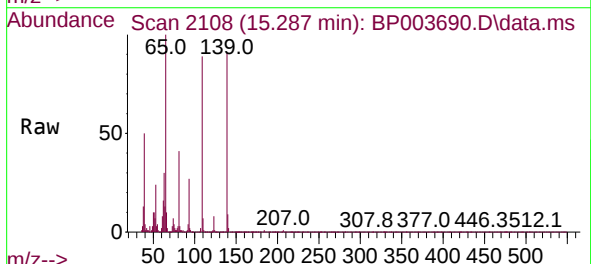
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

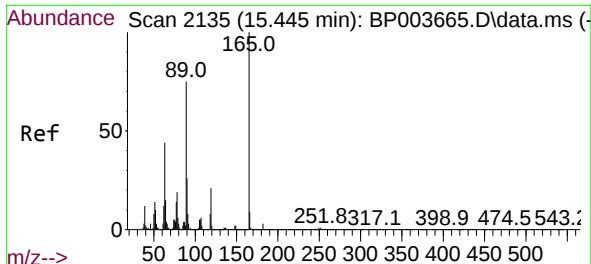
Tgt Ion:168 Resp: 228366
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7
169 12.7 10.4 15.6



#56
4-Nitrophenol
Concen: 6.28 ng
RT: 15.287 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:139 Resp: 24255
Ion Ratio Lower Upper
139 100
109 97.7 44.6 84.6#
65 109.7 41.6 81.6#

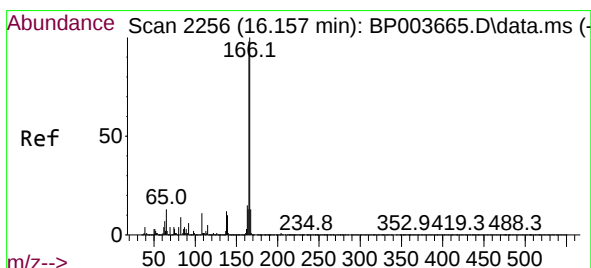
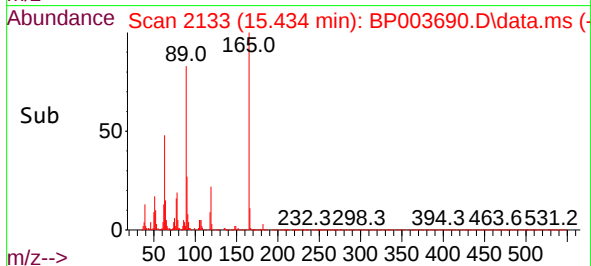
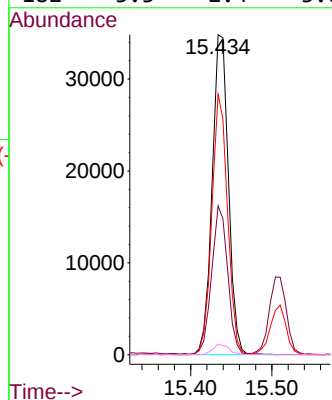
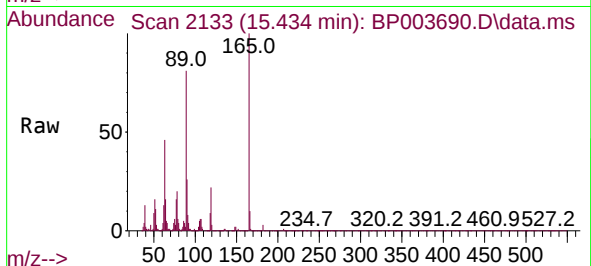




#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 15.434 min Scan# 2133
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

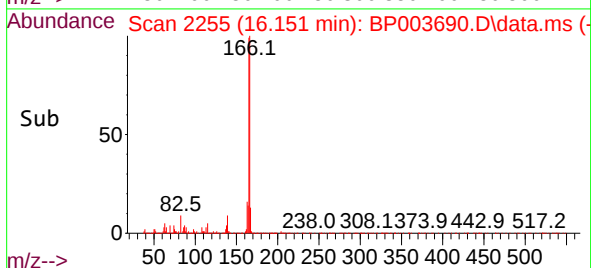
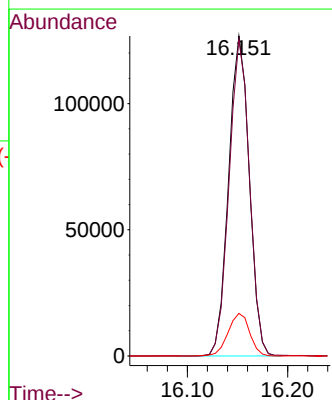
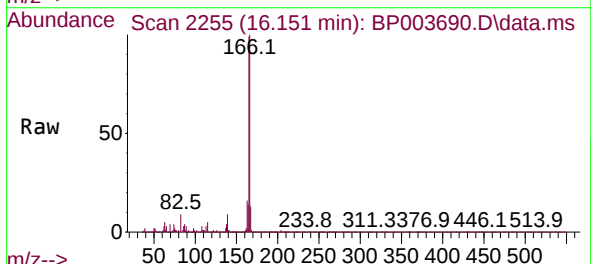
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

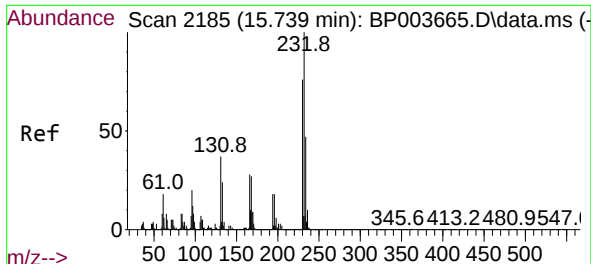
Tgt Ion:165 Resp: 48342
Ion Ratio Lower Upper
165 100
63 46.5 20.6 31.0#
89 81.4 42.6 63.8#
182 3.3 2.4 3.6



#58
Fluorene
Concen: 7.51 ng
RT: 16.151 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:166 Resp: 181023
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 13.3 11.0 16.4

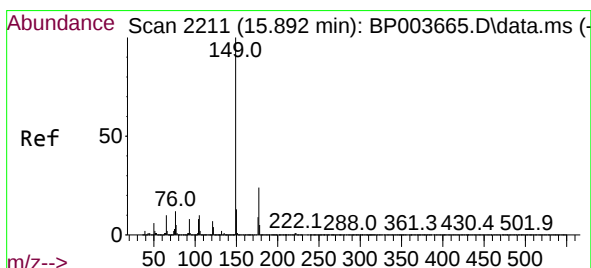
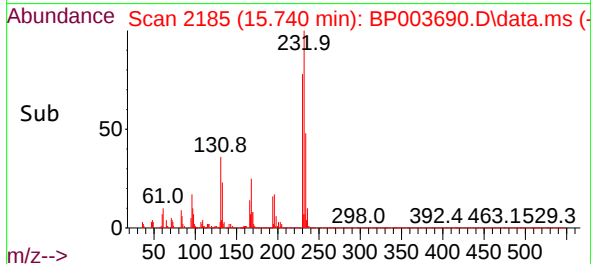
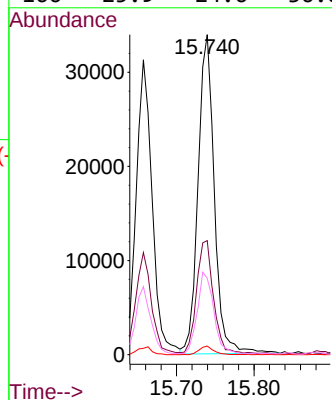
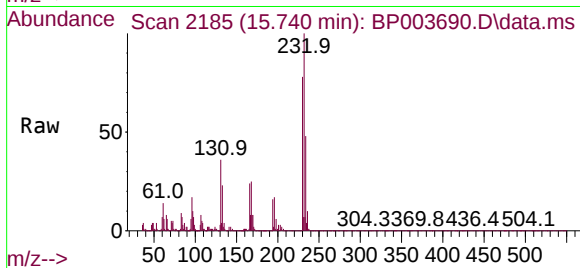




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.70 ng
RT: 15.740 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

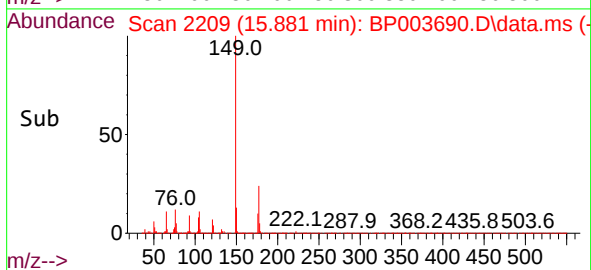
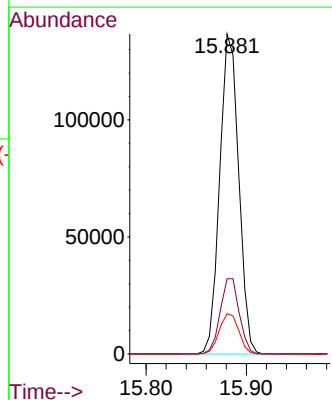
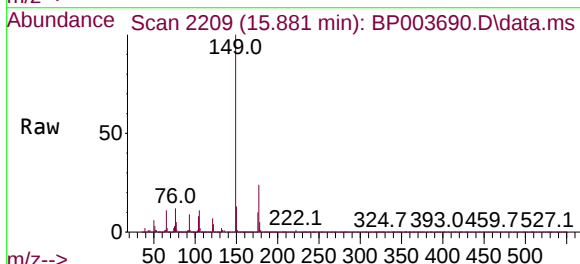
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

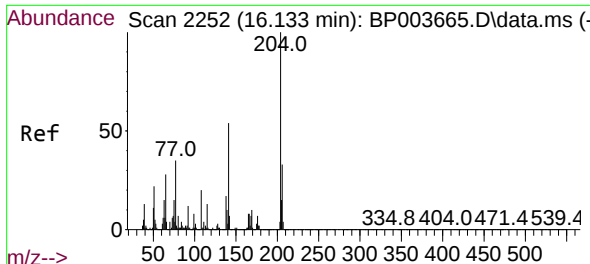
Tgt Ion:232	Resp:	49464
Ion Ratio	Lower	Upper
232	100	
131	36.7	34.1 51.1
130	2.4	1.8 2.8
166	25.9	24.6 36.8



#60
Diethylphthalate
Concen: 7.09 ng
RT: 15.881 min Scan# 2209
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:149	Resp:	179532
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.0 27.0
150	12.6	10.0 15.0

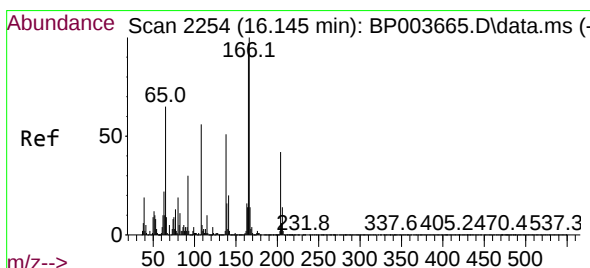
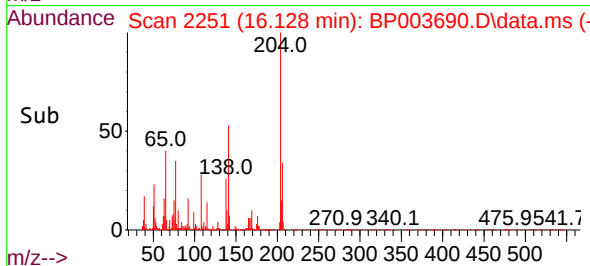
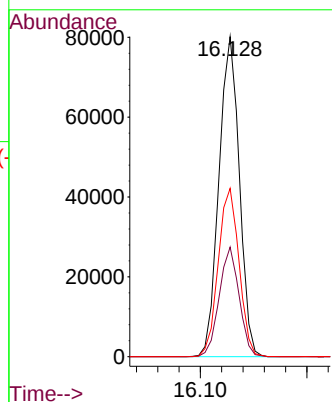
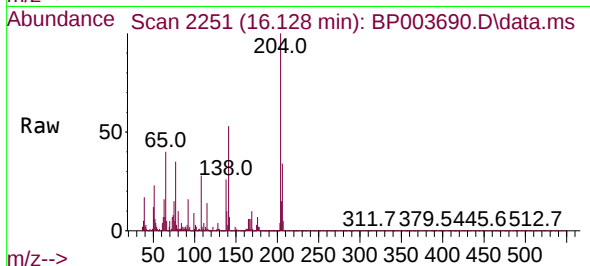




#61
4-Chlorophenyl-phenylether
Concen: 7.30 ng
RT: 16.128 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

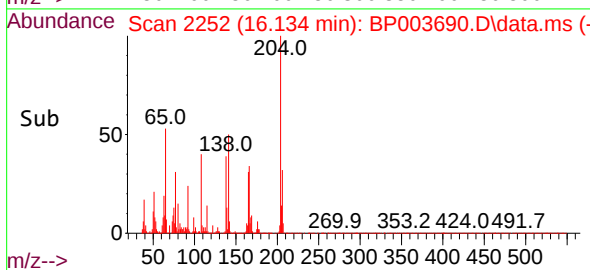
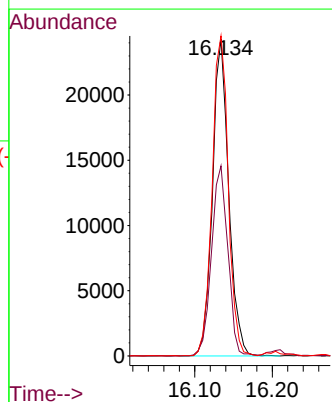
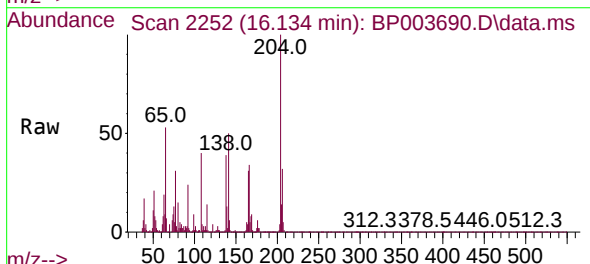
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

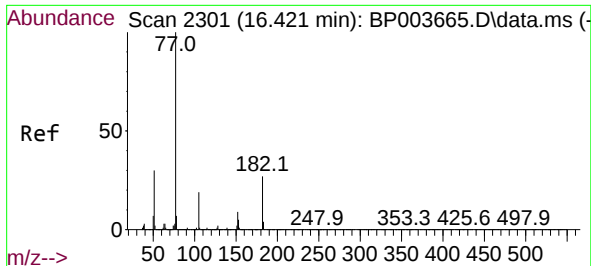
Tgt Ion:	204	Resp:	106417
Ion Ratio	Lower	Upper	
204	100		
206	34.2	25.9	38.9
141	52.6	46.5	69.7



#62
4-Nitroaniline
Concen: 6.18 ng
RT: 16.134 min Scan# 2252
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:	138	Resp:	35357
Ion Ratio	Lower	Upper	
138	100		
92	60.0	20.7	60.7
108	101.0	47.8	87.8#

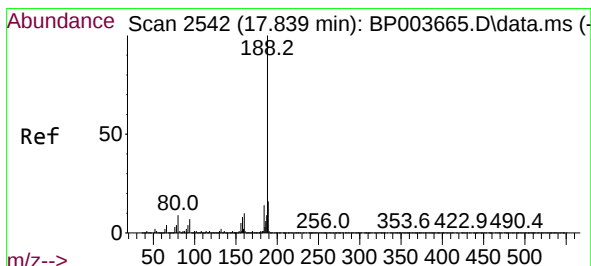
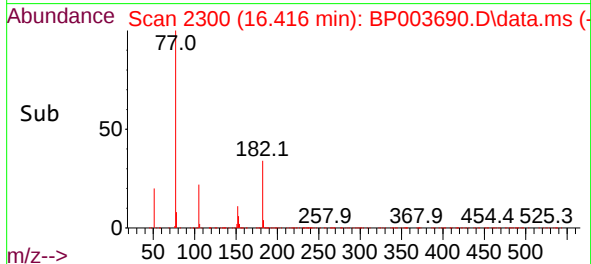
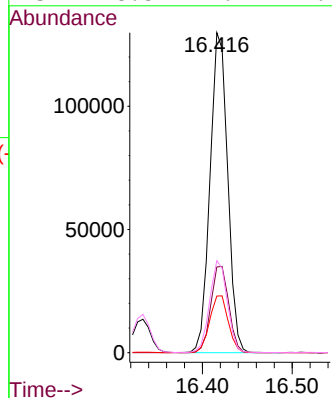
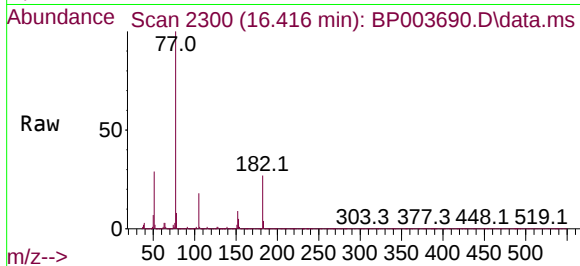




#63
Azobenzene
Concen: 7.44 ng
RT: 16.416 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

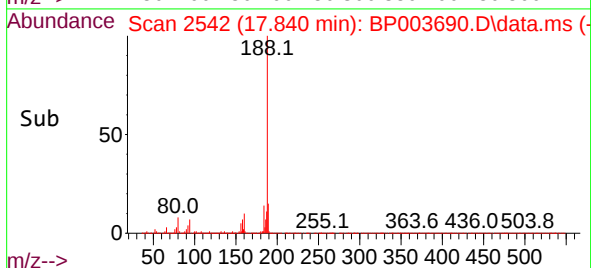
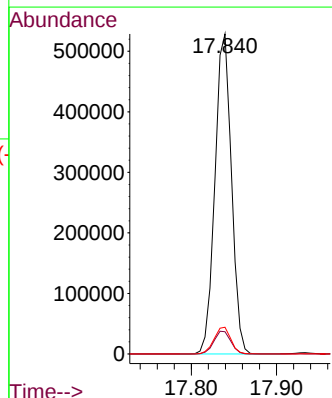
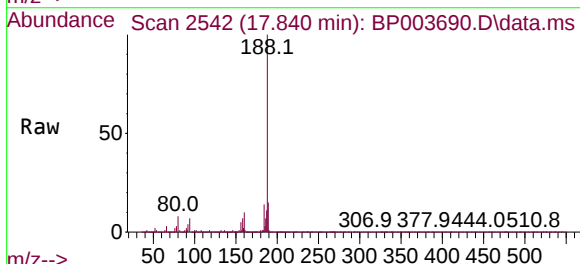
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

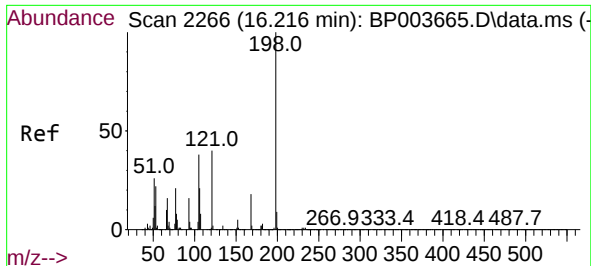
Tgt Ion: 77	Resp: 177095
Ion Ratio	Lower Upper
77 100	
182 26.8	16.9 56.9
105 17.7	5.6 45.6
51 28.8	2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.840 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion: 188	Resp: 713840
Ion Ratio	Lower Upper
188 100	
94 7.0	6.2 9.2
80 8.3	6.2 9.2

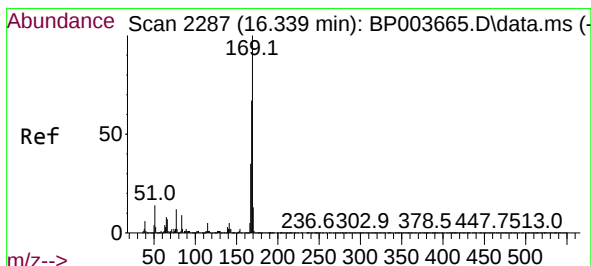
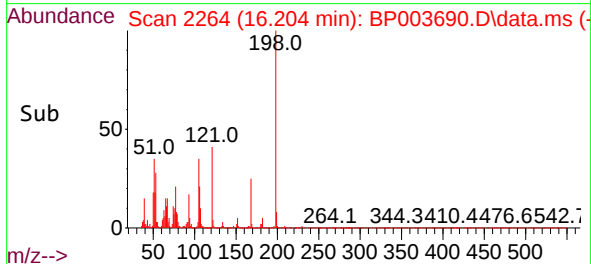
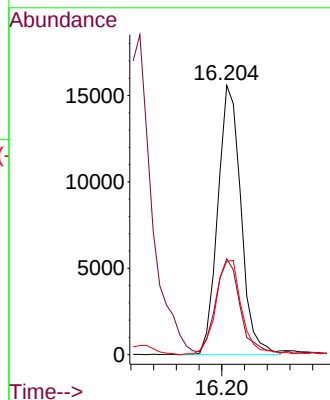
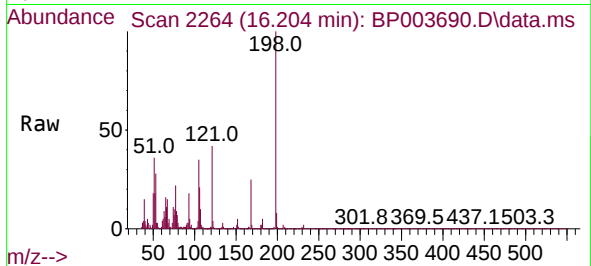




#65
4,6-Dinitro-2-methylphenol
Concen: 5.86 ng
RT: 16.204 min Scan# 2264
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

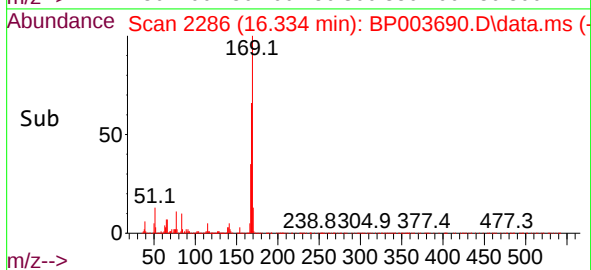
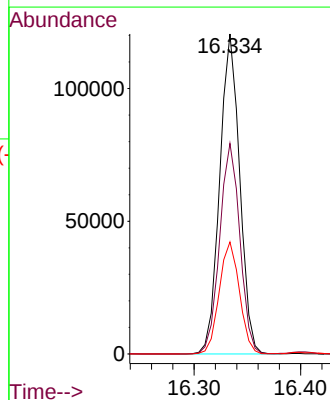
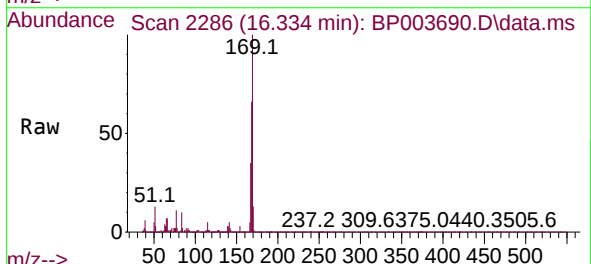
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

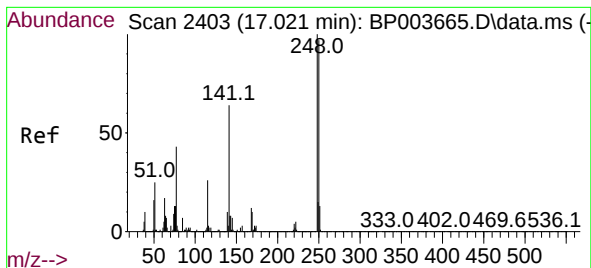
Tgt Ion:198	Resp:	22060
Ion Ratio	Lower	Upper
198	100	
51	35.6	6.4 46.4
105	34.7	18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 7.37 ng
RT: 16.334 min Scan# 2286
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:169	Resp:	156637
Ion Ratio	Lower	Upper
169	100	
168	65.8	53.8 80.6
167	35.0	28.9 43.3

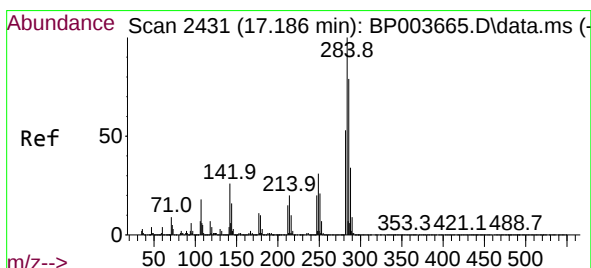
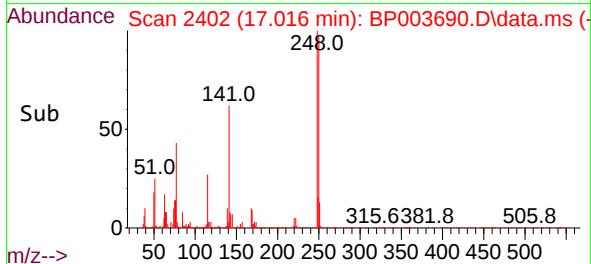
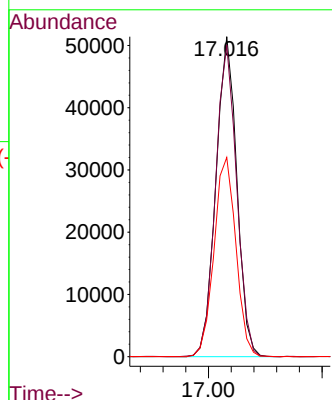
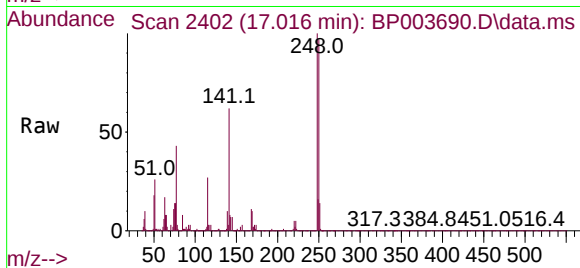




#67
4-Bromophenyl-phenylether
Concen: 6.89 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

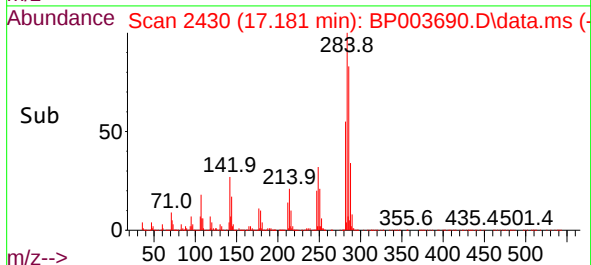
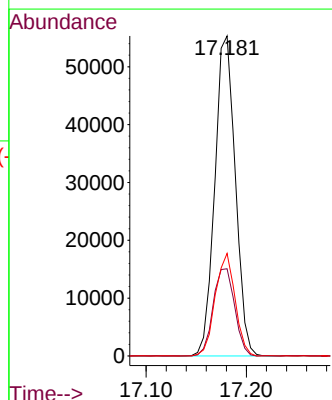
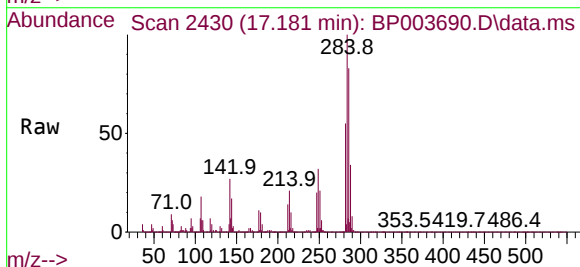
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

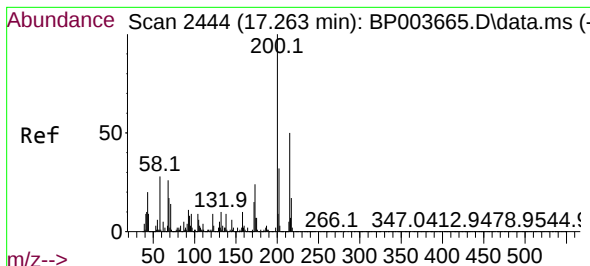
Tgt Ion:248 Resp: 65821
Ion Ratio Lower Upper
248 100
250 97.5 76.7 115.1
141 62.3 53.0 79.6



#68
Hexachlorobenzene
Concen: 7.14 ng
RT: 17.181 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:284 Resp: 78489
Ion Ratio Lower Upper
284 100
142 27.2 24.2 36.4
249 32.0 23.8 35.8





#69

Atrazine

Concen: 6.70 ng

RT: 17.251 min Scan# 2442

Delta R.T. -0.011 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

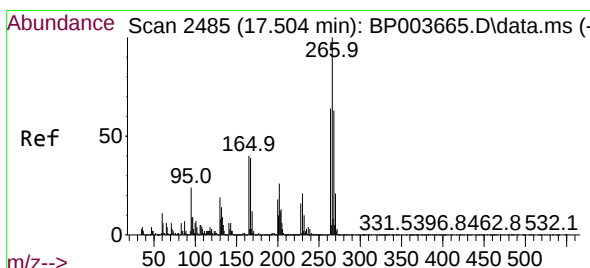
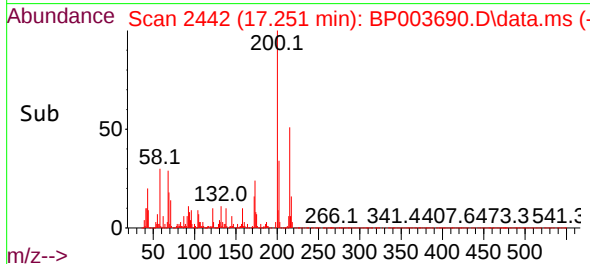
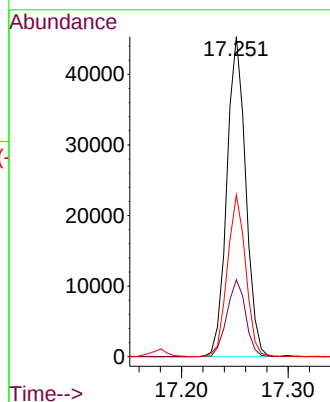
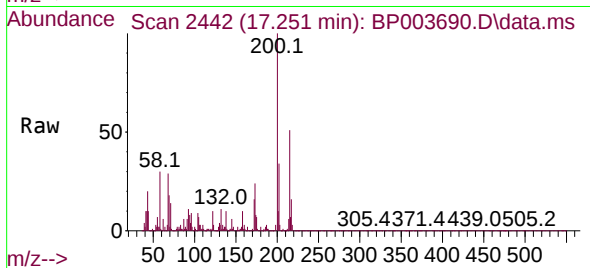
Tgt Ion:	200	Resp:	55551
Ion Ratio	Lower	Upper	
200	100		
173	24.1	5.9	45.9
215	50.6	28.4	68.4

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020



#70

Pentachlorophenol

Concen: 5.39 ng

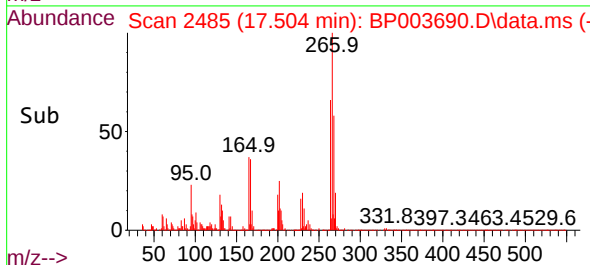
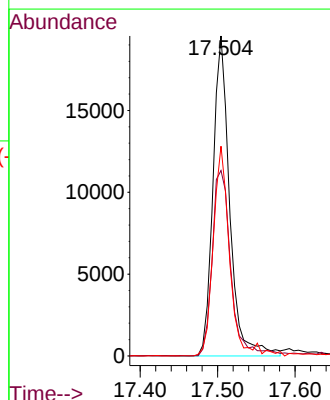
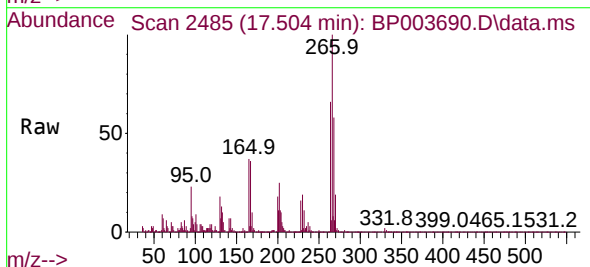
RT: 17.504 min Scan# 2485

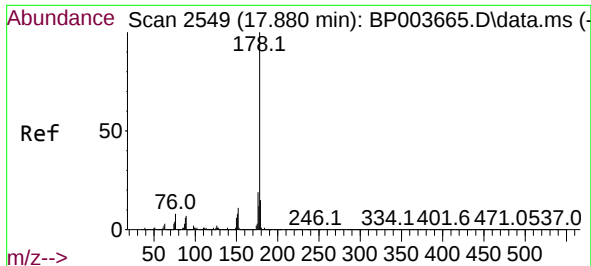
Delta R.T. 0.000 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

Tgt Ion:	266	Resp:	29295
Ion Ratio	Lower	Upper	
266	100		
268	58.0	51.1	76.7
264	65.6	50.6	76.0

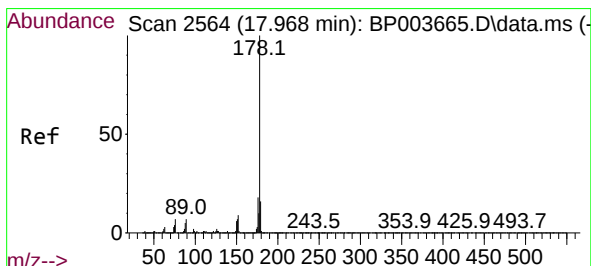
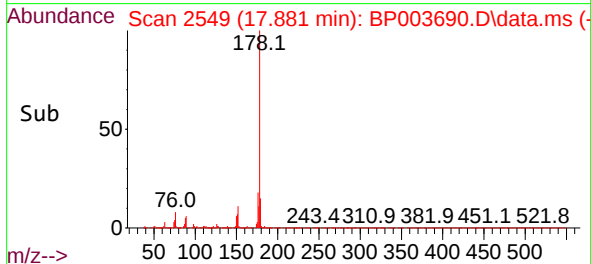
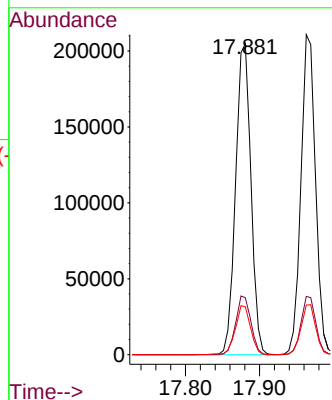
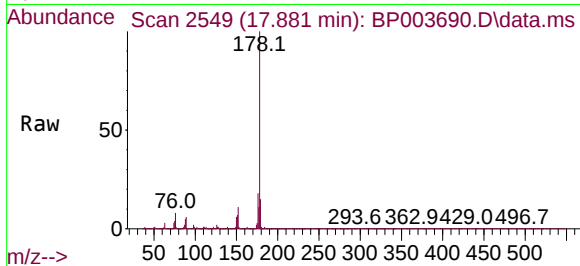




#71
Phenanthrene
Concen: 7.40 ng
RT: 17.881 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

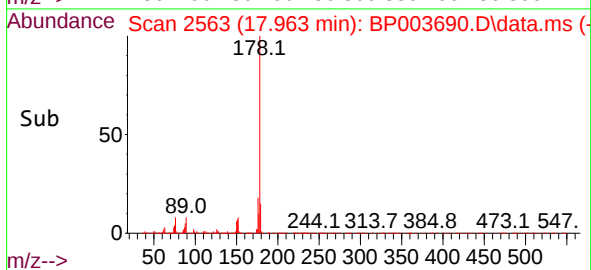
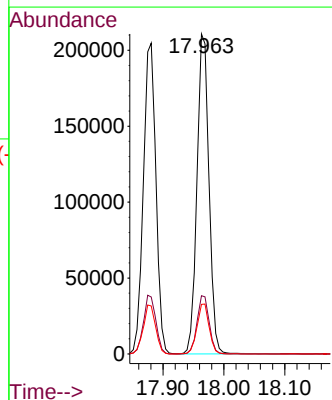
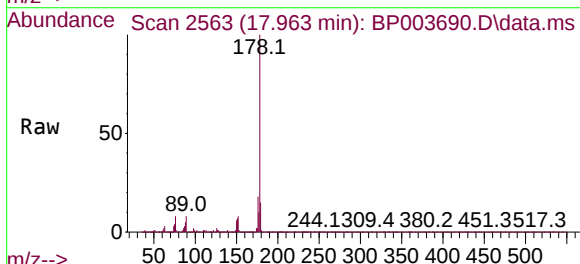
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

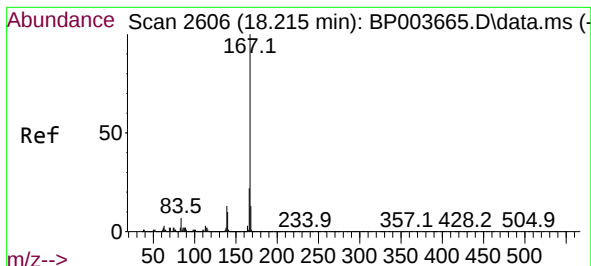
Tgt Ion:178 Resp: 293544
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 7.52 ng
RT: 17.963 min Scan# 2563
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:178 Resp: 288180
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.5 12.5 18.7





#73

Carbazole

Concen: 7.39 ng

RT: 18.210 min Scan# 2605

Delta R.T. -0.005 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

Instrument :

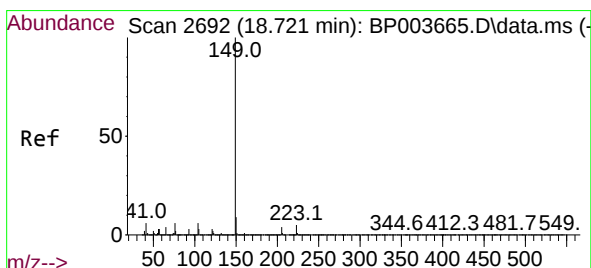
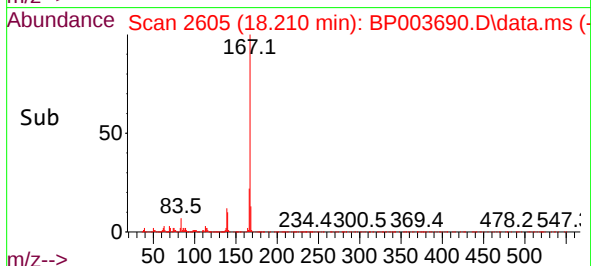
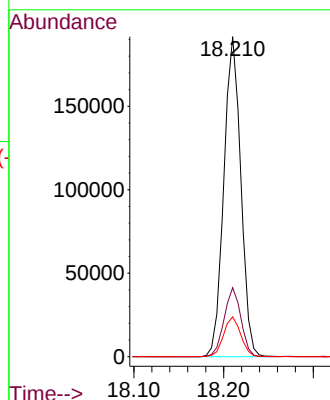
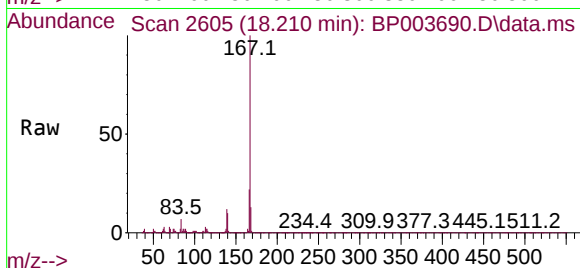
BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:167 Resp: 251808

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.5	10.2	15.4



#74

Di-n-butylphthalate

Concen: 6.55 ng

RT: 18.716 min Scan# 2691

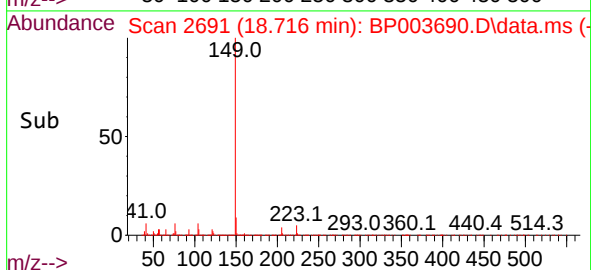
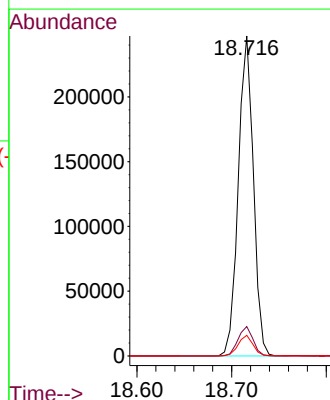
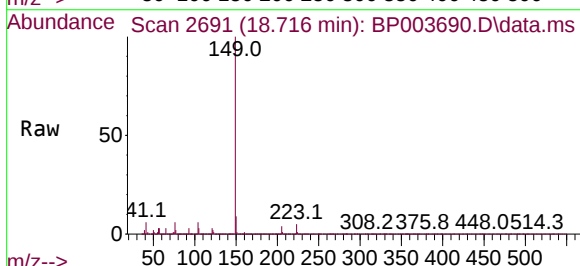
Delta R.T. -0.005 min

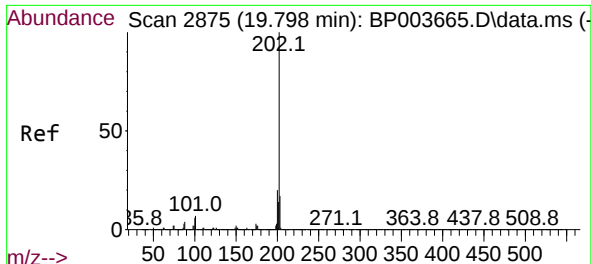
Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

Tgt Ion:149 Resp: 272484

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	6.5	3.4	5.0

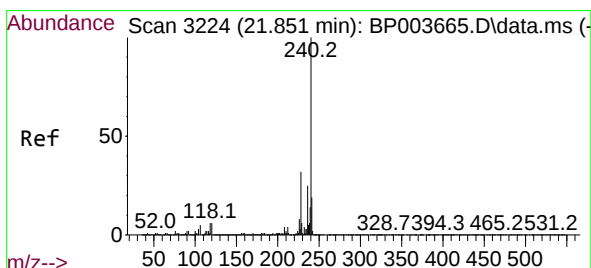
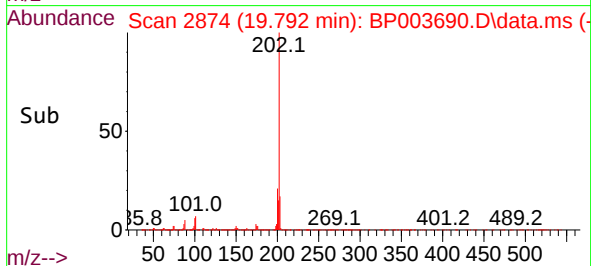
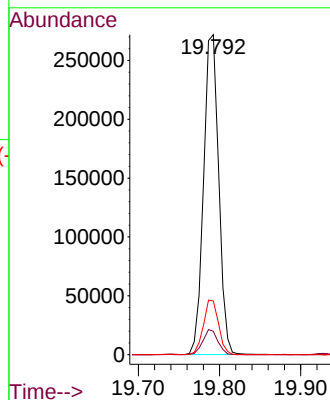
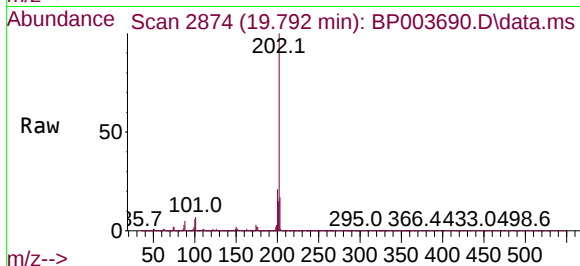




#75
Fluoranthene
Concen: 7.21 ng
RT: 19.792 min Scan# 2874
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

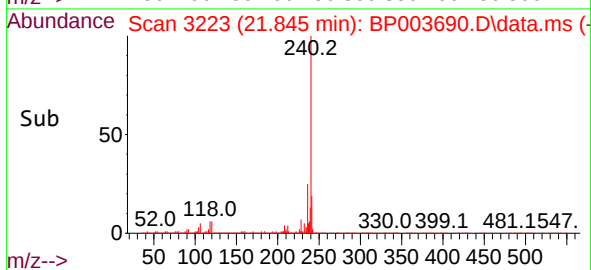
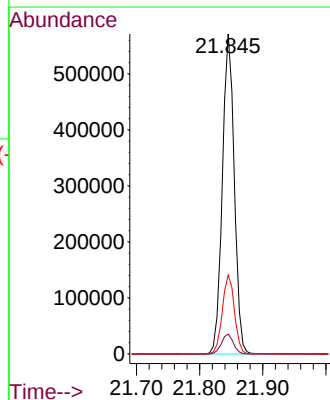
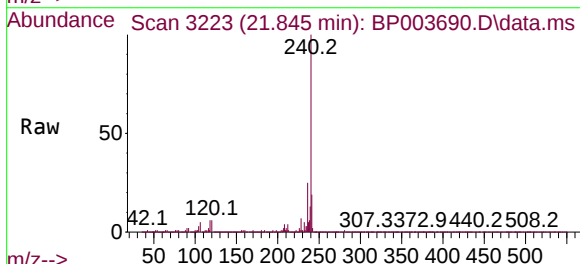
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

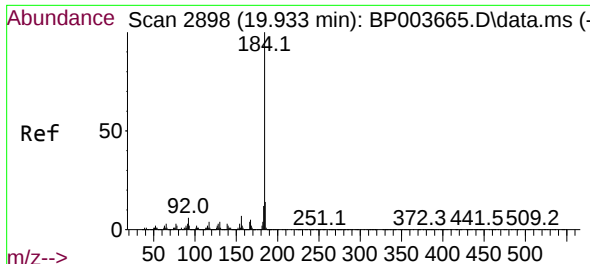
Tgt Ion:202 Resp: 351577
Ion Ratio Lower Upper
202 100
101 7.3 0.0 29.4
203 16.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.845 min Scan# 3223
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:240 Resp: 750104
Ion Ratio Lower Upper
240 100
120 6.2 7.8 11.6#
236 24.7 20.8 31.2

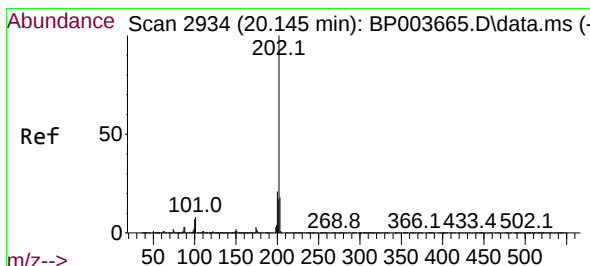
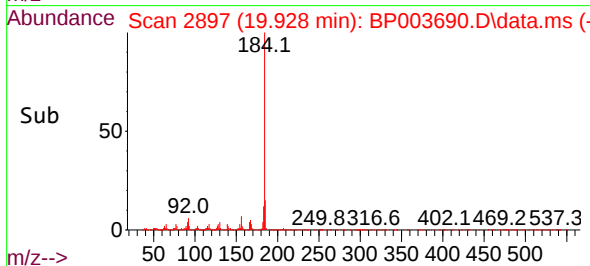
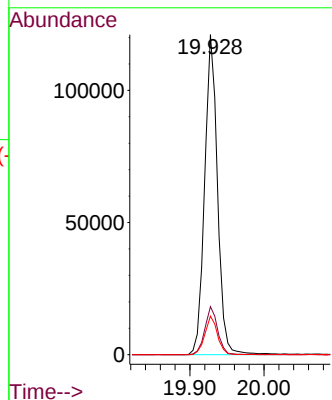
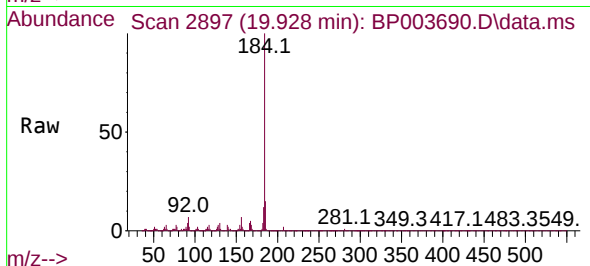




#77
Benzidine
Concen: 8.12 ng
RT: 19.928 min Scan# 2897
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

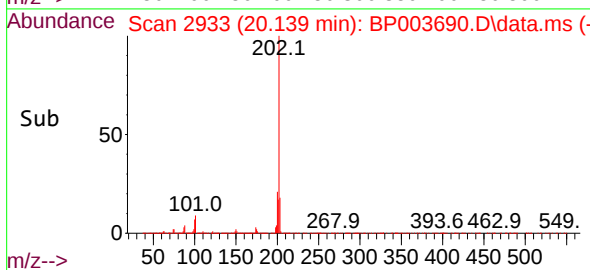
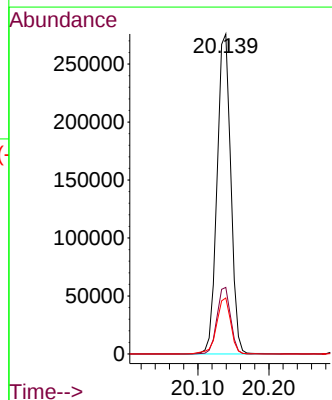
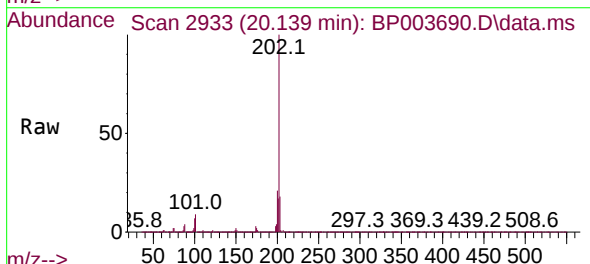
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

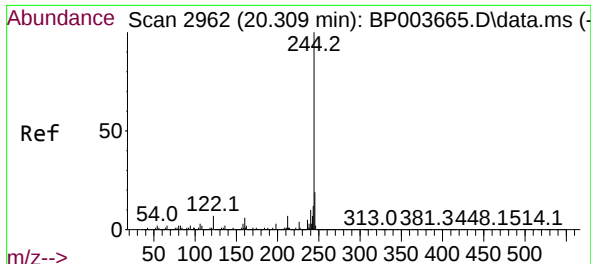
Tgt Ion:184 Resp: 146022
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 12.0 9.6 14.4



#78
Pyrene
Concen: 7.33 ng
RT: 20.139 min Scan# 2933
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:202 Resp: 368224
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.5 14.2 21.2

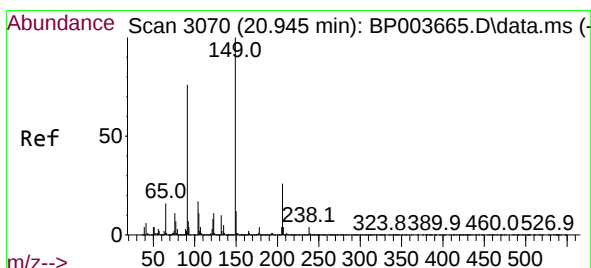
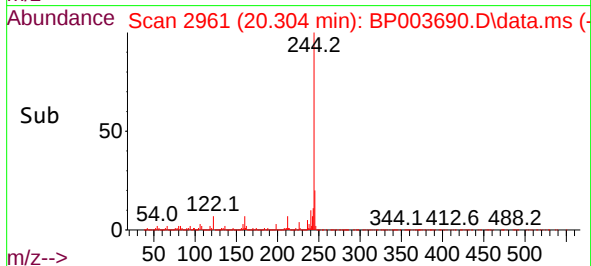
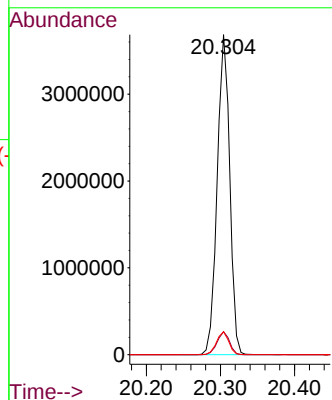
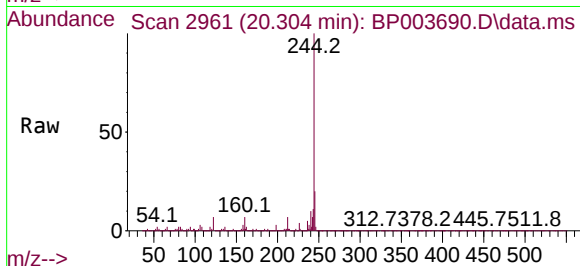




#79
 Terphenyl-d14
 Concen: 100.90 ng
 RT: 20.304 min Scan# 2961
 Delta R.T. -0.005 min
 Lab File: BP003690.D
 Acq: 21 Oct 2020 13:34

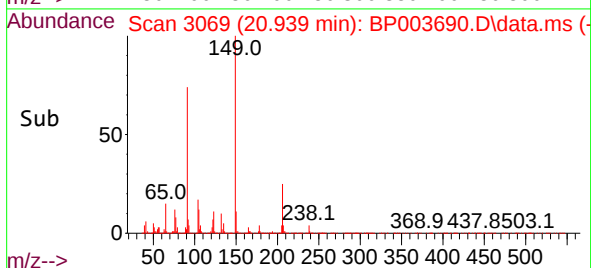
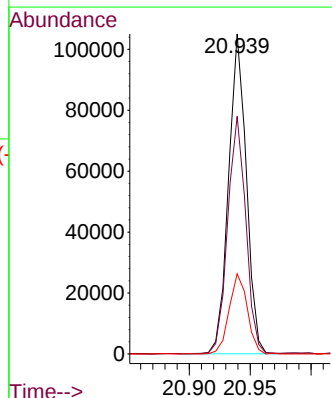
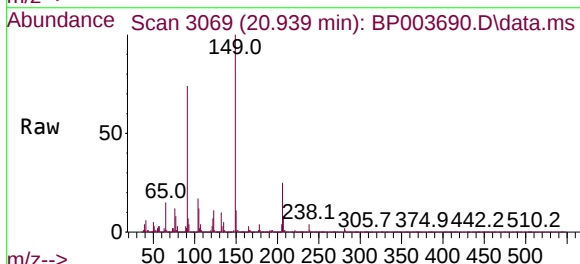
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

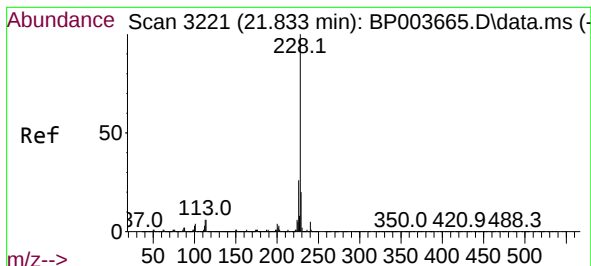
Tgt Ion:244 Resp: 4303334
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 7.2 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 5.79 ng
 RT: 20.939 min Scan# 3069
 Delta R.T. -0.005 min
 Lab File: BP003690.D
 Acq: 21 Oct 2020 13:34

Tgt Ion:149 Resp: 106628
 Ion Ratio Lower Upper
 149 100
 91 74.3 45.4 68.0#
 206 25.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 7.29 ng

RT: 21.828 min Scan# 3220

Delta R.T. -0.005 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

Tgt Ion:228 Resp: 364609

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

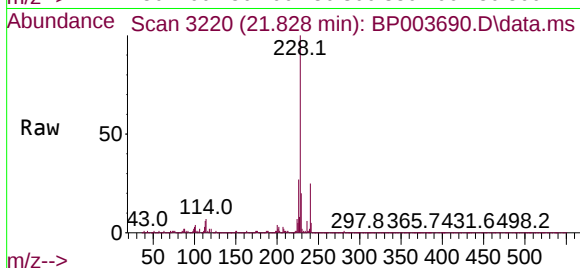
229 19.8 15.9 23.9

Instrument :

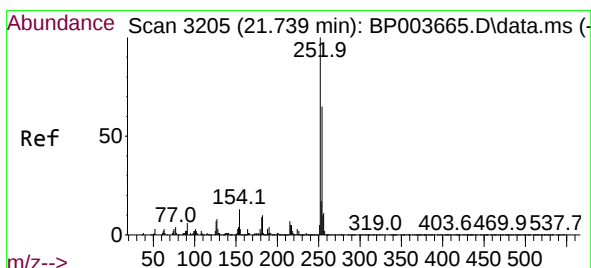
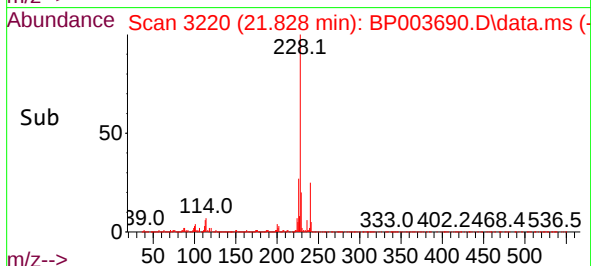
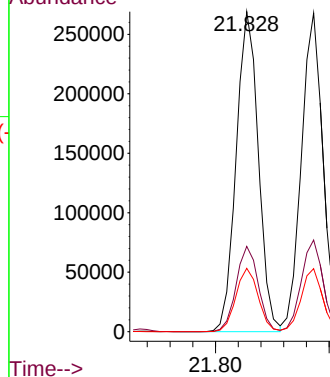
BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020



Abundance



#82

3,3'-Dichlorobenzidine

Concen: 7.51 ng

RT: 21.733 min Scan# 3204

Delta R.T. -0.005 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

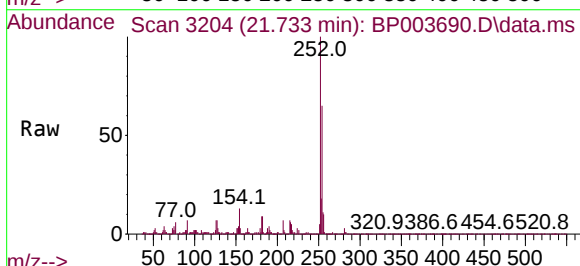
Tgt Ion:252 Resp: 131509

Ion Ratio Lower Upper

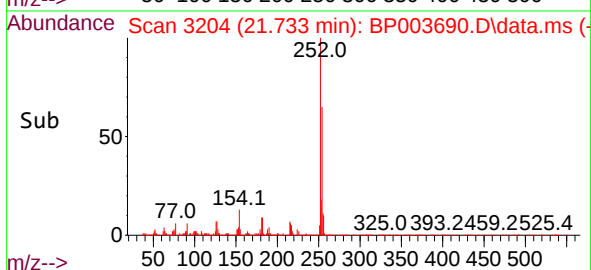
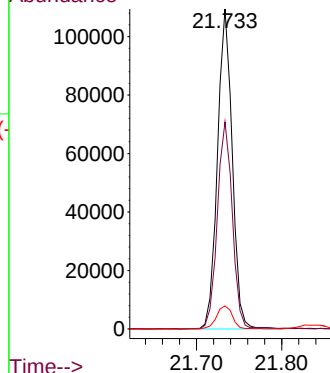
252 100

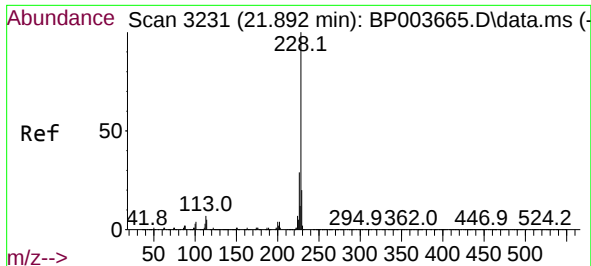
254 64.7 51.0 76.4

126 7.2 7.9 11.9#



Abundance

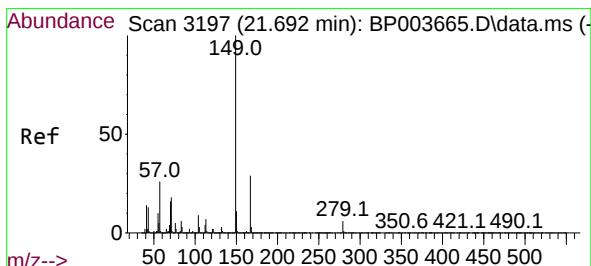
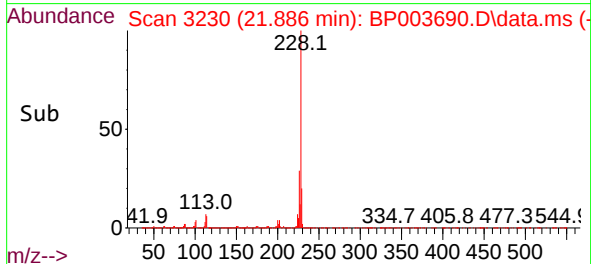
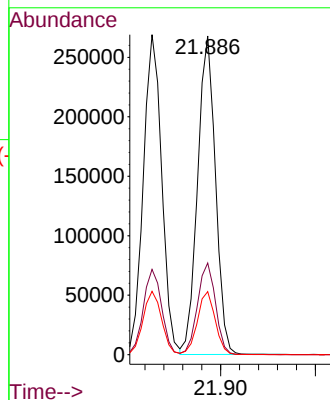
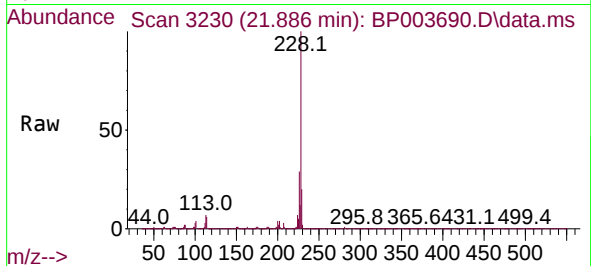




#83
Chrysene
Concen: 7.41 ng
RT: 21.886 min Scan# 3230
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

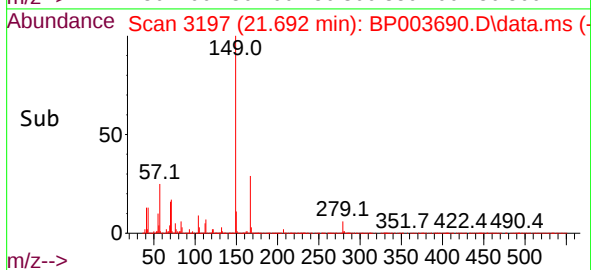
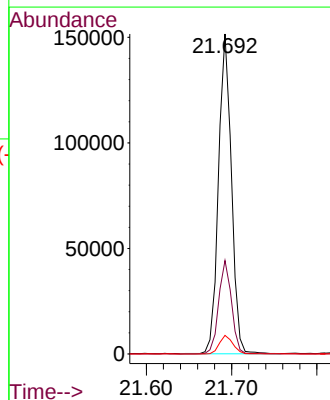
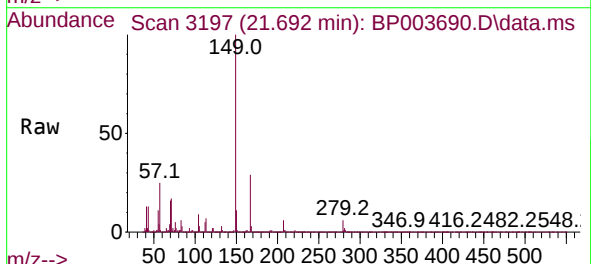
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

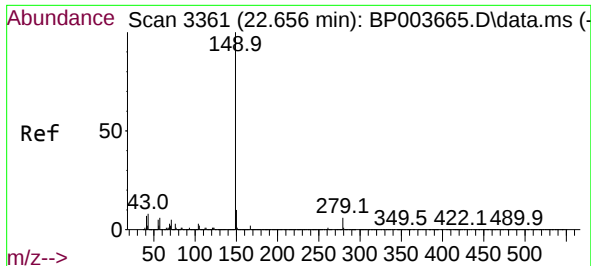
Tgt Ion:228 Resp: 351510
Ion Ratio Lower Upper
228 100
226 28.8 24.4 36.6
229 19.8 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.06 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:149 Resp: 159731
Ion Ratio Lower Upper
149 100
167 29.2 22.6 34.0
279 5.8 4.2 6.2

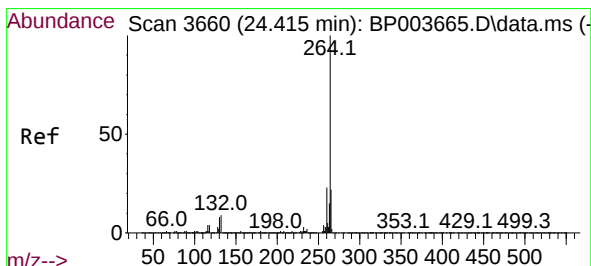
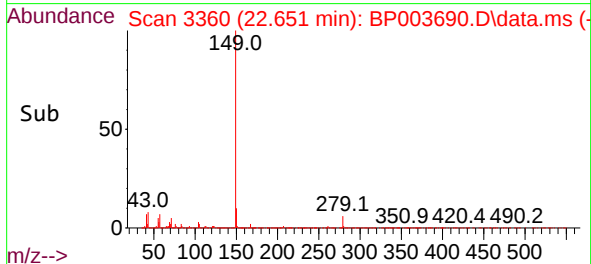
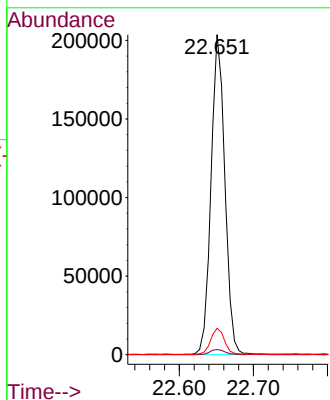
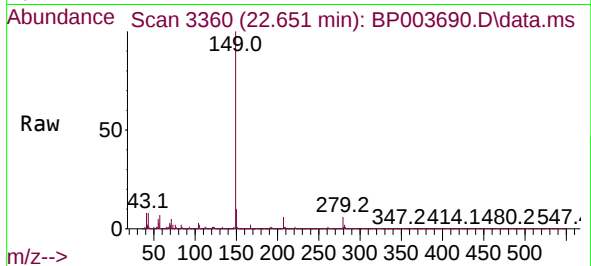




#85
Di-n-octyl phthalate
Concen: 6.14 ng
RT: 22.651 min Scan# 3360
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

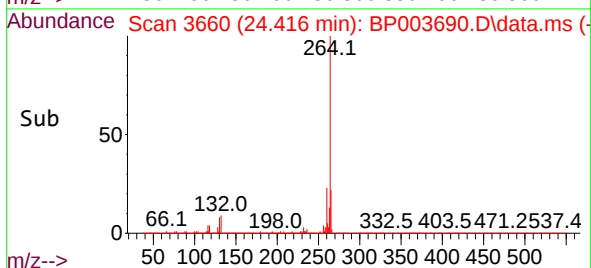
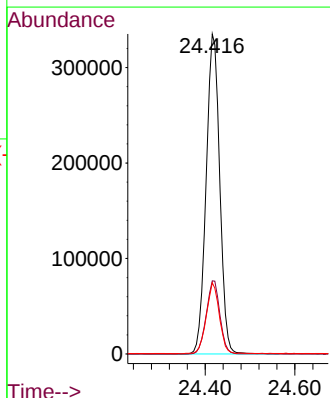
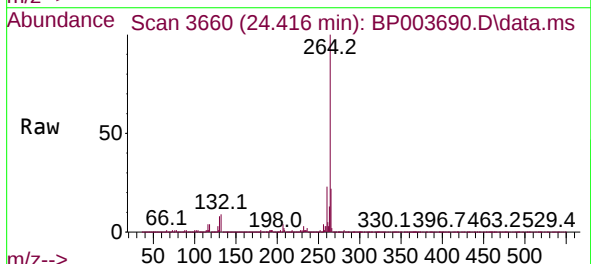
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

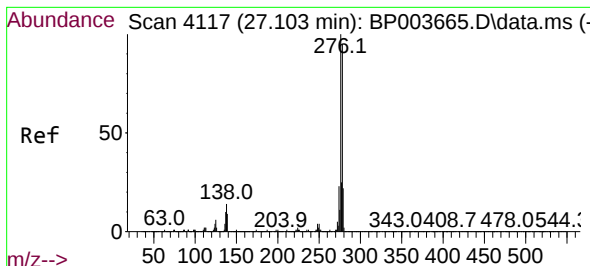
Tgt Ion:149 Resp: 262540
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.2 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.416 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:264 Resp: 702891
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 22.3 17.4 26.2

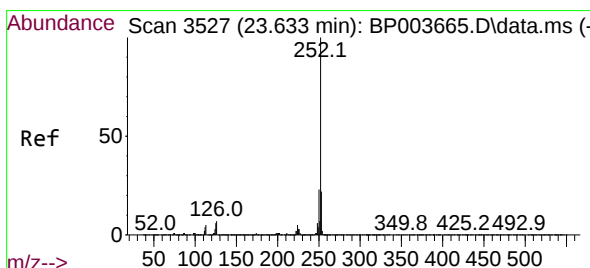
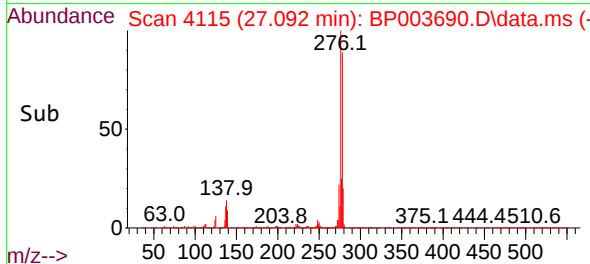
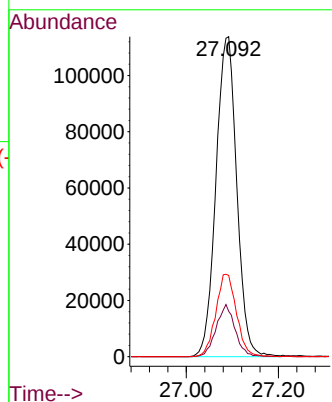
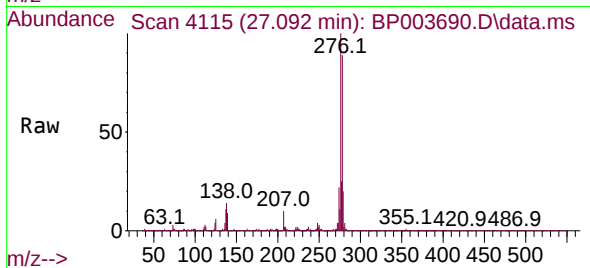




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.05 ng
RT: 27.092 min Scan# 4115
Delta R.T. -0.011 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

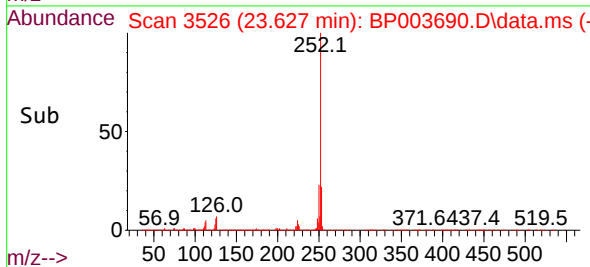
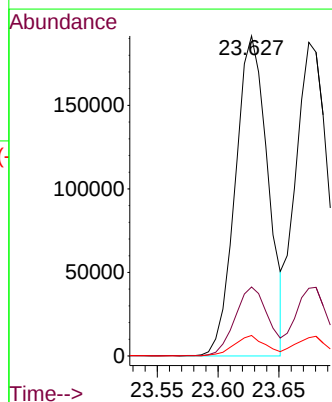
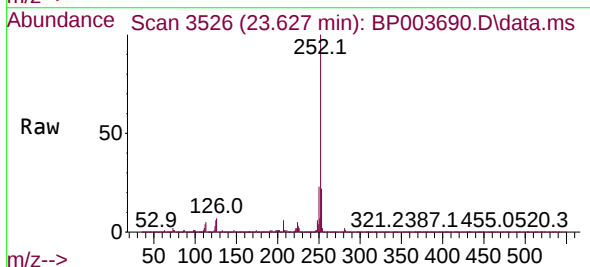
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

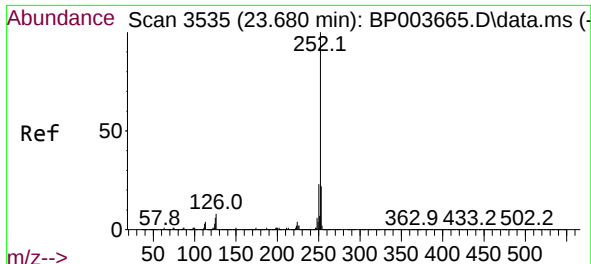
Tgt Ion:276 Resp: 355809
Ion Ratio Lower Upper
276 100
138 14.9 18.7 28.1#
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 7.28 ng
RT: 23.627 min Scan# 3526
Delta R.T. -0.005 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:252 Resp: 356868
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 6.4 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 7.42 ng

RT: 23.674 min Scan# 3534

Delta R.T. -0.005 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

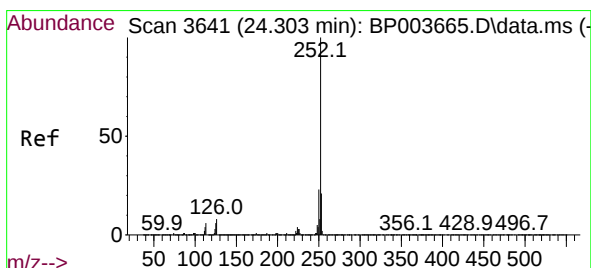
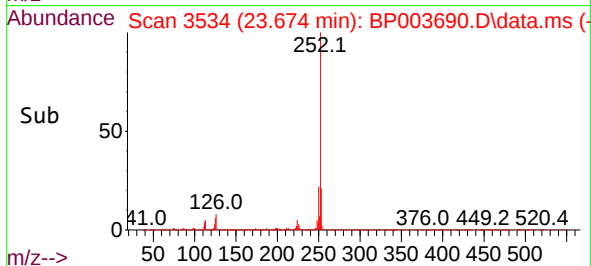
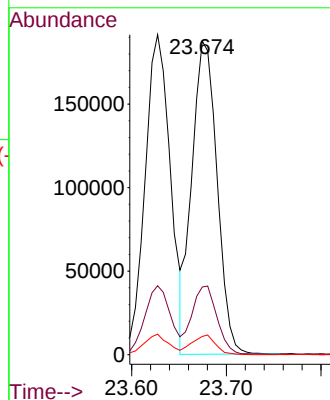
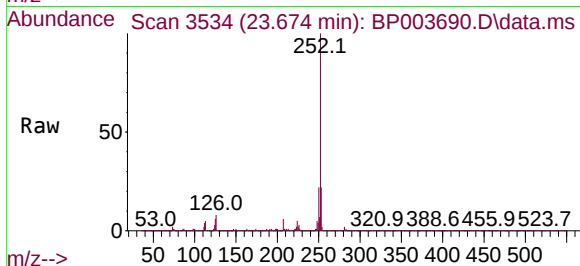
Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:252	Resp: 347223
Ion Ratio	Lower Upper
252	100
253	21.6 17.8 26.8
125	5.8 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 6.93 ng

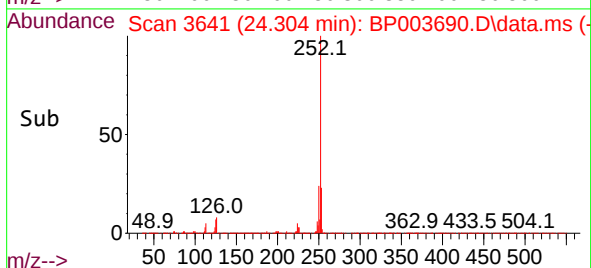
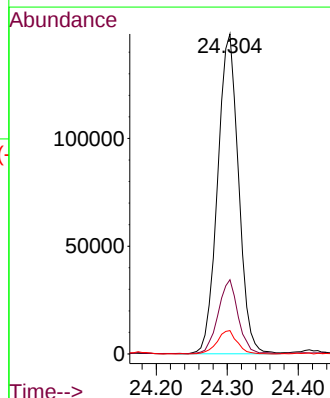
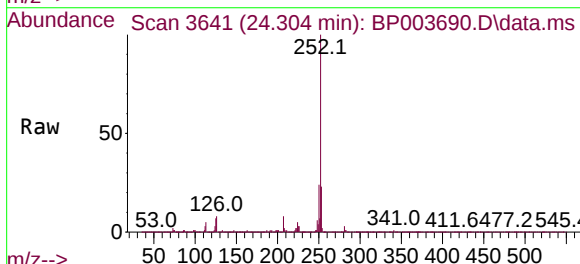
RT: 24.304 min Scan# 3641

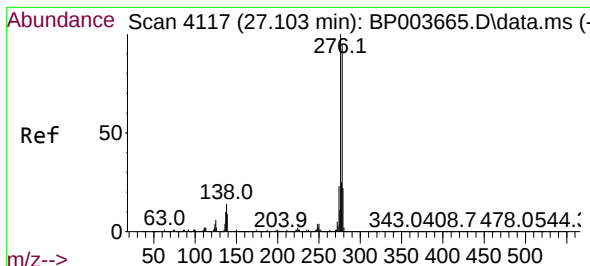
Delta R.T. 0.000 min

Lab File: BP003690.D

Acq: 21 Oct 2020 13:34

Tgt Ion:252	Resp: 302847
Ion Ratio	Lower Upper
252	100
253	23.2 17.4 26.0
125	7.3 8.2 12.4#

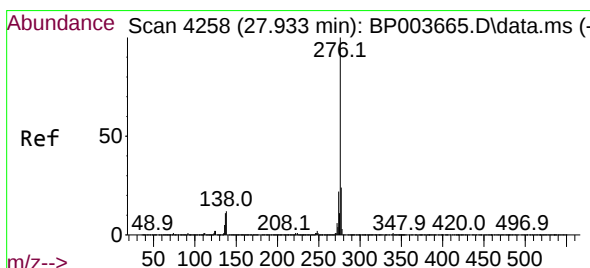
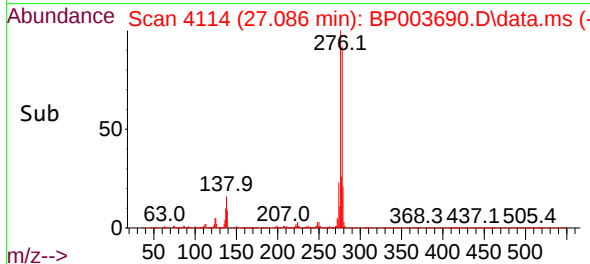
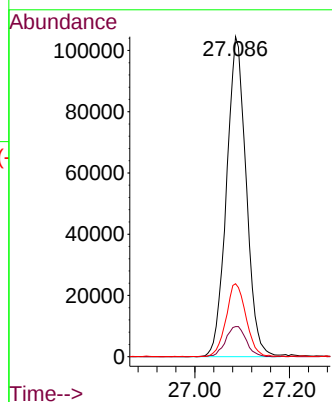
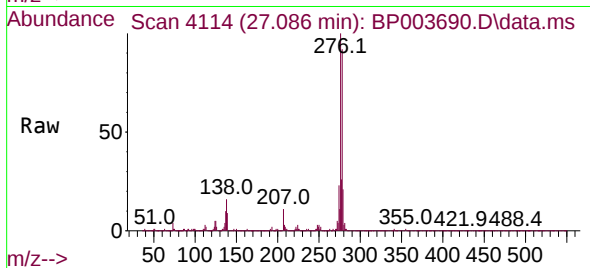




#91
Dibenzo(a,h)anthracene
Concen: 7.13 ng
RT: 27.086 min Scan# 4114
Delta R.T. -0.017 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

Tgt Ion:278 Resp: 300497
Ion Ratio Lower Upper
278 100
139 9.4 12.4 18.6#
279 22.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 7.31 ng
RT: 27.915 min Scan# 4255
Delta R.T. -0.017 min
Lab File: BP003690.D
Acq: 21 Oct 2020 13:34

Tgt Ion:276 Resp: 285576
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 11.9 16.6 24.8#

