

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
 Data File : BG047105.D
 Acq On : 28 Oct 2020 12:45
 Operator : CG/JU
 Sample : L4214-03
 Misc : MDL-MDL-SOIL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 28 13:19:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 12:53:38 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	45886	20.00	ng	0.00
21) Naphthalene-d8	10.864	136	163945	20.00	ng	0.00
39) Acenaphthene-d10	14.689	164	122530	20.00	ng	0.00
64) Phenanthrene-d10	17.432	188	320336	20.00	ng	# 0.00
76) Chrysene-d12	21.698	240	366642	20.00	ng	# 0.00
86) Perylene-d12	24.930	264	368338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	382782	147.88	ng	0.00
7) Phenol-d6	7.209	99	532508	142.26	ng	0.00
23) Nitrobenzene-d5	9.219	82	392971	114.79	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	316131	160.96	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	982833	113.41	ng	0.00
79) Terphenyl-d14	20.041	244	2083375	110.49	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.490	88	10632	9.09	ng	94
3) Pyridine	3.901	79	24697	7.78	ng	88
4) n-Nitrosodimethylamine	3.807	42	14322	8.52	ng	# 74
6) Aniline	7.374	93	38019	8.59	ng	91
8) 2-Chlorophenol	7.620	128	22436	8.15	ng	95
9) Benzaldehyde	7.191	77	23776	11.34	ng	# 79
10) Phenol	7.233	94	28639	8.10	ng	75
11) bis(2-Chloroethyl)ether	7.473	93	22039	7.92	ng	92
12) 1,3-Dichlorobenzene	8.096	146	29416	8.39	ng	97
13) 1,4-Dichlorobenzene	8.096	146	29416	8.31	ng	98
14) 1,2-Dichlorobenzene	8.408	146	28754	8.57	ng	98
15) Benzyl Alcohol	8.284	79	23116	7.92	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.578	45	33641	7.64	ng	94
17) 2-Methylphenol	8.490	107	19012	7.82	ng	# 87
18) Hexachloroethane	9.142	117	10335	7.79	ng	90
19) n-Nitroso-di-n-propyla...	8.854	70	20619	8.09	ng	# 90
20) 3+4-Methylphenols	8.819	107	24179	7.38	ng	90
22) Acetophenone	8.872	105	38675	8.76	ng	# 89
24) Nitrobenzene	9.260	77	30863	8.68	ng	# 82
25) Isophorone	9.783	82	54851	8.96	ng	# 91
26) 2-Nitrophenol	9.971	139	12751	8.27	ng	# 81
27) 2,4-Dimethylphenol	10.029	122	19382	9.20	ng	97
28) bis(2-Chloroethoxy)met...	10.264	93	31535	8.34	ng	92
29) 2,4-Dichlorophenol	10.511	162	24380	8.41	ng	93
30) 1,2,4-Trichlorobenzene	10.729	180	30710	8.59	ng	92
31) Naphthalene	10.917	128	75798	8.84	ng	99
32) Benzoic acid	10.094	122	3765	2.26	ng	# 61
33) 4-Chloroaniline	11.022	127	30406	8.15	ng	# 93
34) Hexachlorobutadiene	11.204	225	22918	8.55	ng	95
35) Caprolactam	11.763	113	7904	8.18	ng	96
36) 4-Chloro-3-methylphenol	12.133	107	25151	8.35	ng	97
37) 2-Methylnaphthalene	12.521	142	56965	8.56	ng	90
38) 1-Methylnaphthalene	12.738	142	53806	8.53	ng	98
40) 1,2,4,5-Tetrachloroben...	12.885	216	39033	8.72	ng	98
41) Hexachlorocyclopentadiene	12.861	237	19284	7.88	ng	95
43) 2,4,6-Trichlorophenol	13.126	196	22090	7.57	ng	94

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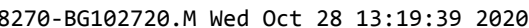
Instrument :
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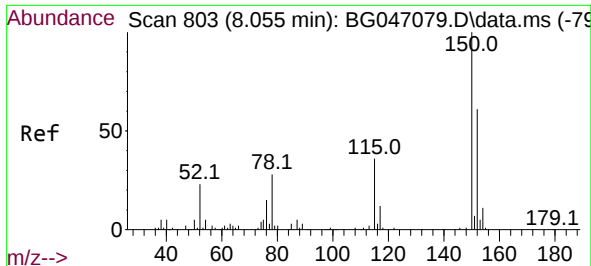
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.190	196	23902	8.06	ng	97
46) 1,1'-Biphenyl	13.519	154	79182	8.54	ng	96
47) 2-Chloronaphthalene	13.566	162	62308	8.16	ng	97
48) 2-Nitroaniline	13.760	65	18791	7.55	ng #	74
49) Acenaphthylene	14.407	152	93653	8.45	ng	98
50) Dimethylphthalate	14.130	163	88593	8.78	ng #	98
51) 2,6-Dinitrotoluene	14.254	165	17659	8.39	ng #	80
52) Acenaphthene	14.747	154	60056	8.30	ng	92
53) 3-Nitroaniline	14.583	138	16604	7.94	ng #	73
54) 2,4-Dinitrophenol	14.794	184	8056	5.80	ng #	87
55) Dibenzofuran	15.082	168	106314	9.15	ng #	97
56) 4-Nitrophenol	14.888	139	12521	7.65	ng #	64
57) 2,4-Dinitrotoluene	15.041	165	24994	8.27	ng #	81
58) Fluorene	15.729	166	83398	8.89	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.305	232	25711	8.17	ng #	99
60) Diethylphthalate	15.493	149	88849	8.83	ng	97
61) 4-Chlorophenyl-phenyle...	15.723	204	47777	8.54	ng	98
62) 4-Nitroaniline	15.746	138	18039	8.03	ng #	75
63) Azobenzene	16.016	77	83866	9.38	ng	91
65) 4,6-Dinitro-2-methylph...	15.805	198	15454	7.84	ng	82
66) n-Nitrosodiphenylamine	15.934	169	76837	8.36	ng	97
67) 4-Bromophenyl-phenylether	16.616	248	34001	8.07	ng	92
68) Hexachlorobenzene	16.733	284	34502	7.76	ng #	94
69) Atrazine	16.874	200	31213	8.25	ng	99
70) Pentachlorophenol	17.080	266	18081	6.98	ng	94
71) Phenanthrene	17.474	178	146867	8.58	ng	95
72) Anthracene	17.562	178	150382	8.97	ng	97
73) Carbazole	17.832	167	130797	8.77	ng	99
74) Di-n-butylphthalate	18.384	149	161844	8.78	ng #	97
75) Fluoranthene	19.477	202	203663	9.26	ng	96
77) Benzidine	19.653	184	83840	10.01	ng	98
78) Pyrene	19.841	202	207736	8.89	ng	95
80) Butylbenzylphthalate	20.717	149	67825	7.57	ng	92
81) Benzo(a)anthracene	21.680	228	212699	8.85	ng	94
82) 3,3'-Dichlorobenzidine	21.592	252	75607	8.68	ng	98
83) Chrysene	21.745	228	201212	8.80	ng	98
84) Bis(2-ethylhexyl)phtha...	21.580	149	100822	7.99	ng #	94
85) Di-n-octyl phthalate	22.791	149	176115	8.30	ng #	96
87) Indeno(1,2,3-cd)pyrene	28.608	276	223882	8.32	ng #	76
88) Benzo(b)fluoranthene	23.901	252	204889	8.51	ng	95
89) Benzo(k)fluoranthene	23.966	252	198525	8.49	ng #	97
90) Benzo(a)pyrene	24.771	252	179685	7.99	ng #	97
91) Dibenzo(a,h)anthracene	28.678	278	182924	8.37	ng #	93
92) Benzo(g,h,i)perylene	29.759	276	187842	8.65	ng #	93

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

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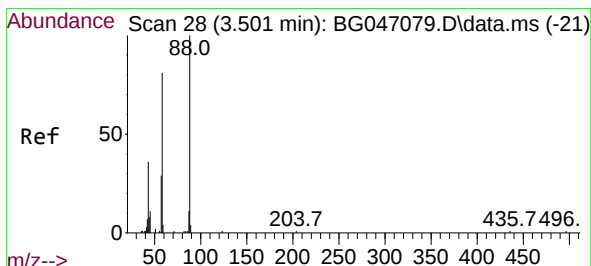
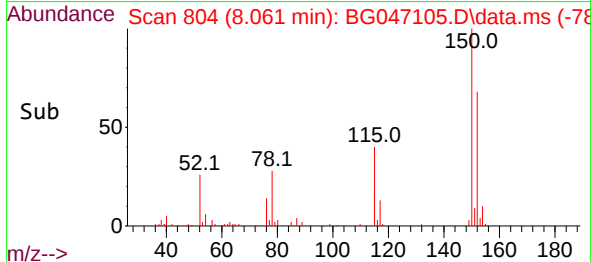
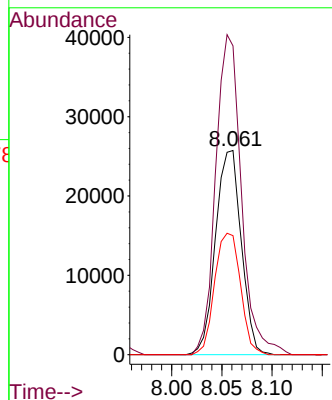
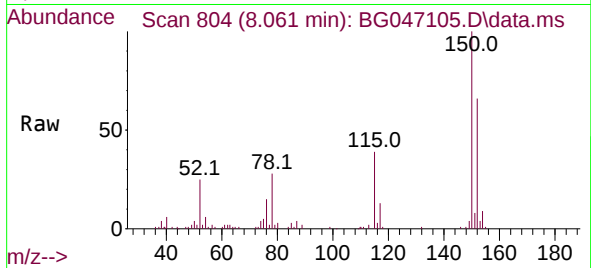




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

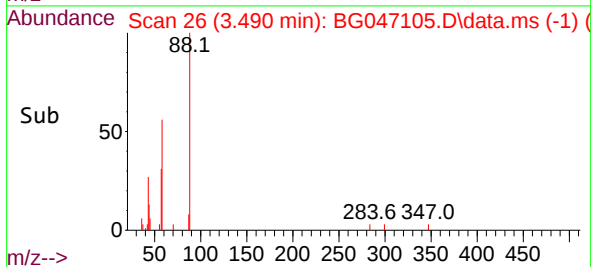
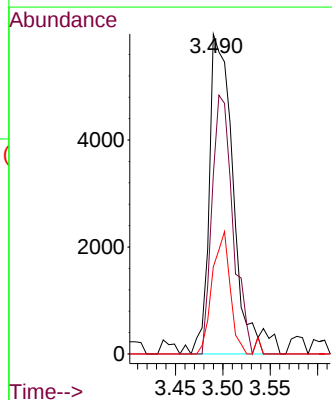
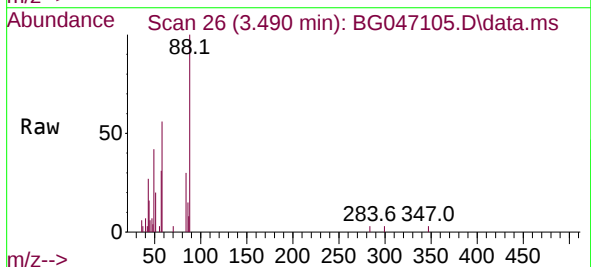
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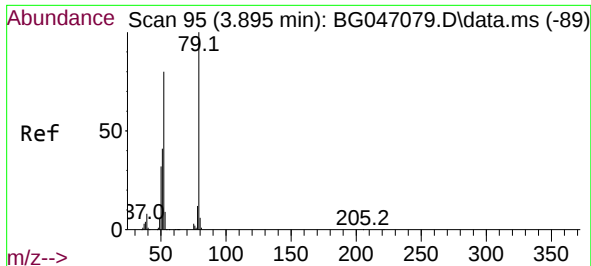
Tgt Ion:152 Resp: 45886
Ion Ratio Lower Upper
152 100
150 151.2 125.0 187.6
115 58.3 41.8 62.6



#2
1,4-Dioxane
Concen: 9.09 ng
RT: 3.490 min Scan# 26
Delta R.T. -0.012 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion: 88 Resp: 10632
Ion Ratio Lower Upper
88 100
58 70.3 61.6 92.4
43 28.0 21.3 31.9

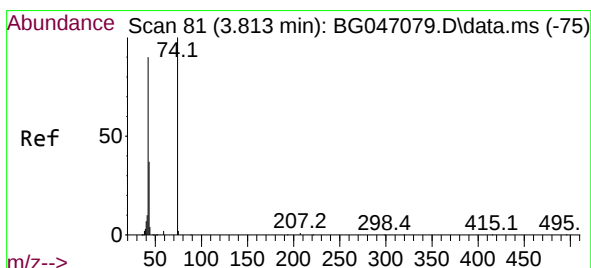
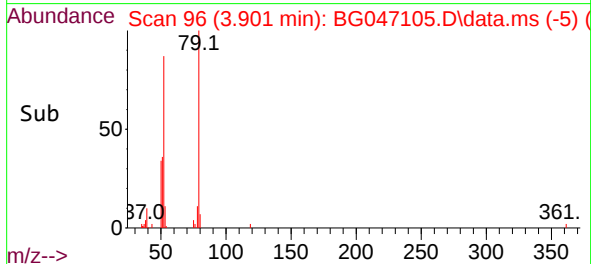
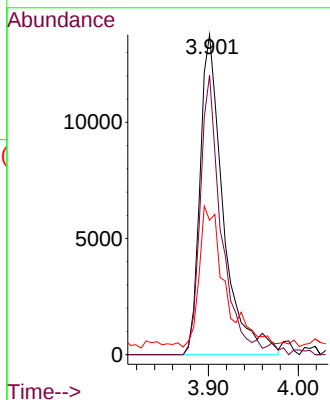
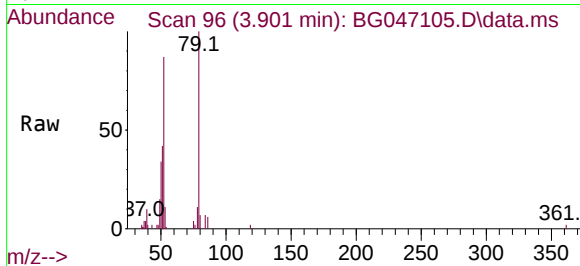




#3
Pyridine
Concen: 7.78 ng
RT: 3.901 min Scan# 96
Delta R.T. 0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

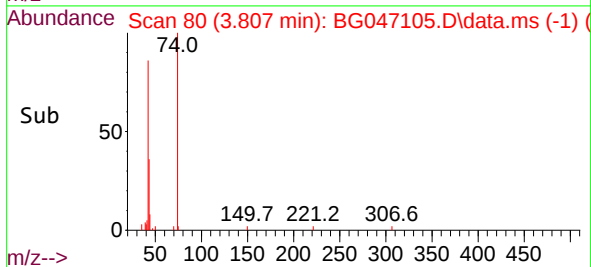
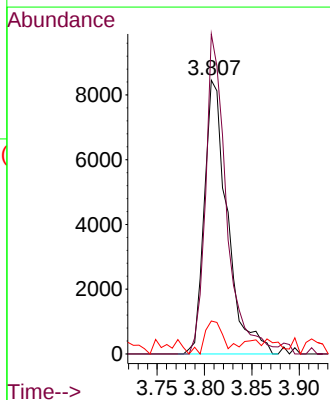
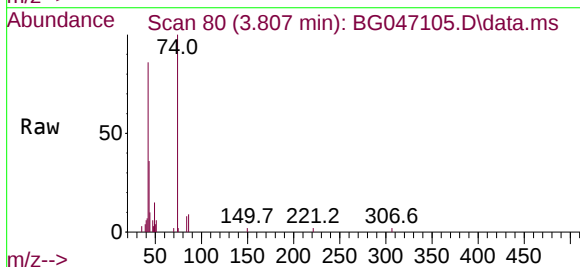
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

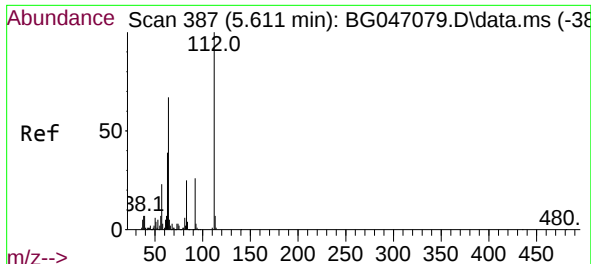
Tgt Ion:	79	Resp:	24697
Ion	Ratio	Lower	Upper
79	100		
52	87.4	61.3	91.9
51	42.0	28.4	42.6



#4
n-Nitrosodimethylamine
Concen: 8.52 ng
RT: 3.807 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	42	Resp:	14322
Ion	Ratio	Lower	Upper
42	100		
74	116.9	120.4	180.6#
44	12.1	6.2	9.2#

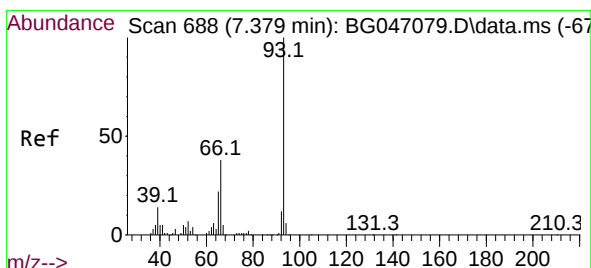
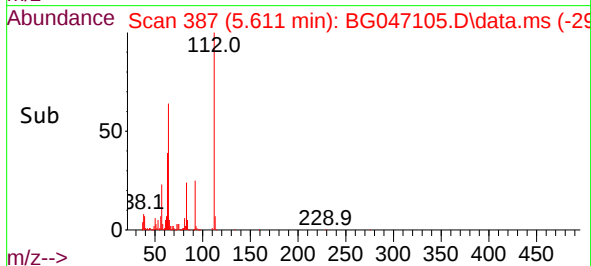
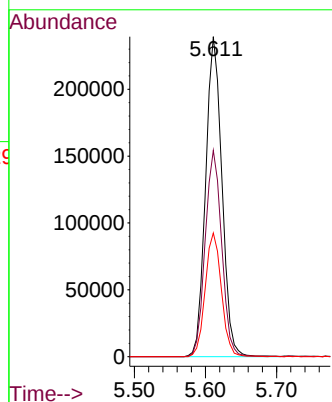
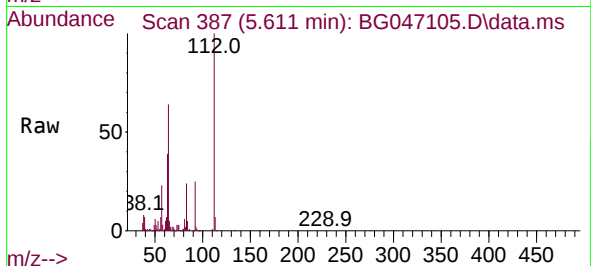




#5
2-Fluorophenol
Concen: 147.88 ng
RT: 5.611 min Scan# 387
Delta R.T. -0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

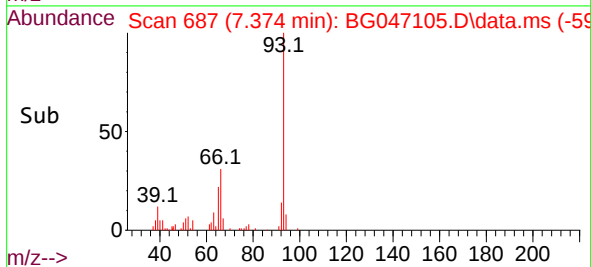
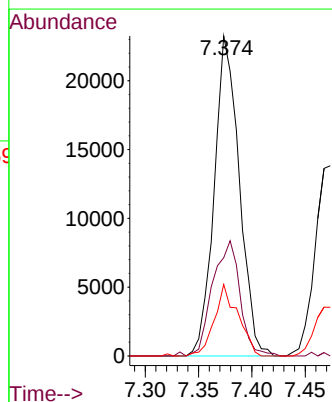
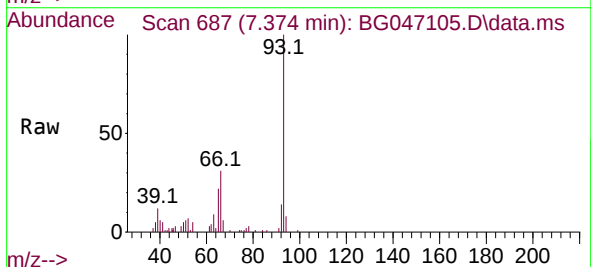
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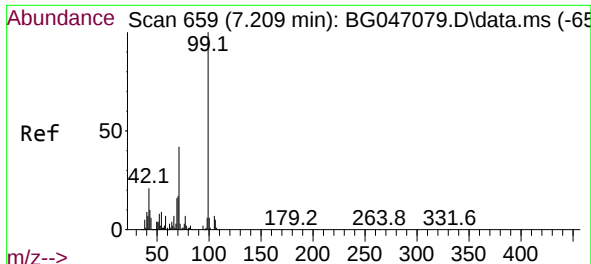
Tgt Ion:112 Resp: 382782
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 38.7 22.8 34.2#



#6
Aniline
Concen: 8.59 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion: 93 Resp: 38019
Ion Ratio Lower Upper
93 100
66 30.7 29.5 44.3
65 22.3 15.5 23.3

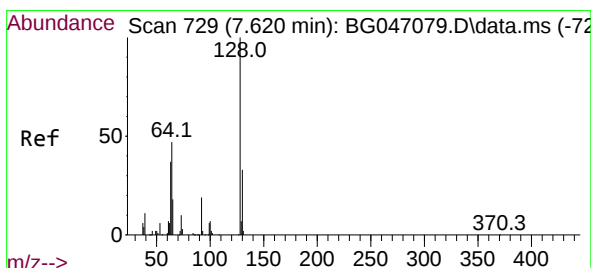
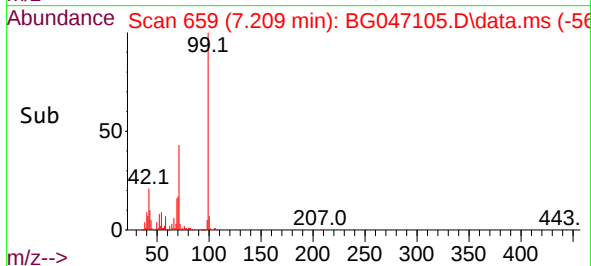
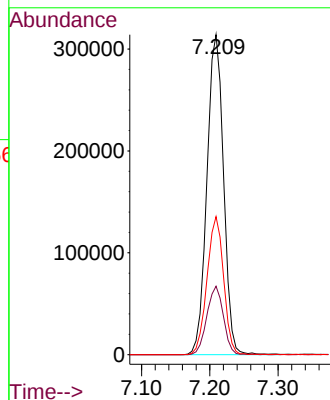
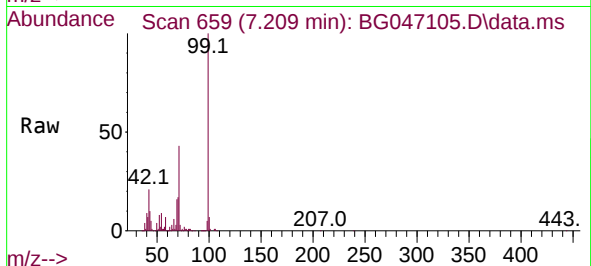




#7
Phenol-d6
Concen: 142.26 ng
RT: 7.209 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

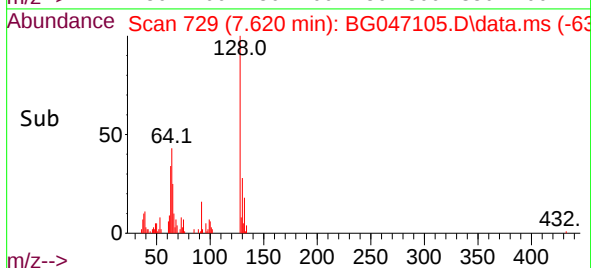
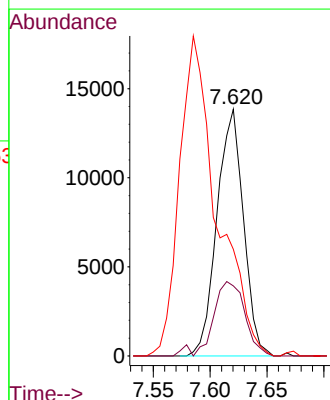
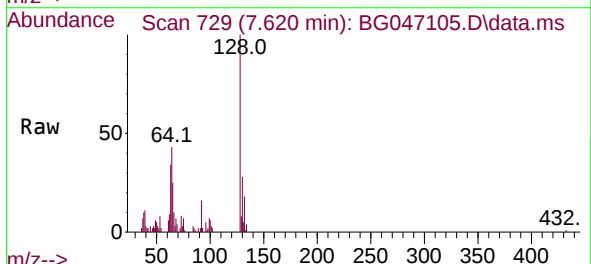
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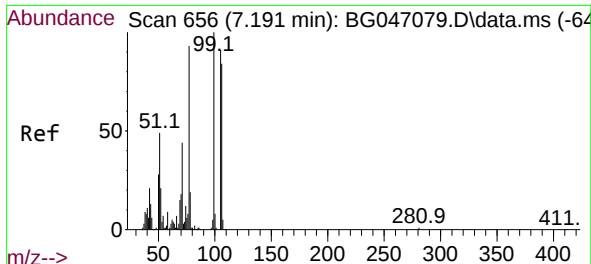
Tgt Ion:	99	Resp:	532508
Ion	Ratio	Lower	Upper
99	100		
42	21.4	12.8	19.2#
71	43.2	24.6	36.8#



#8
2-Chlorophenol
Concen: 8.15 ng
RT: 7.620 min Scan# 729
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	128	Resp:	22436
Ion	Ratio	Lower	Upper
128	100		
130	28.4	12.6	52.6
64	43.2	24.8	64.8

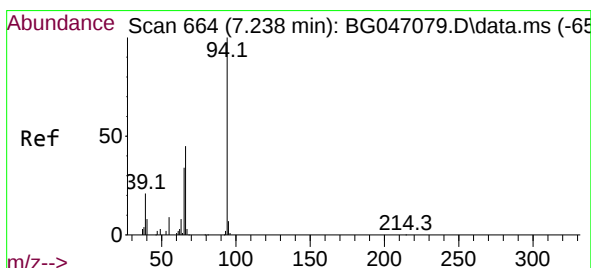
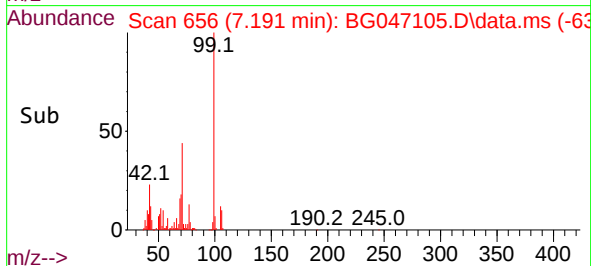
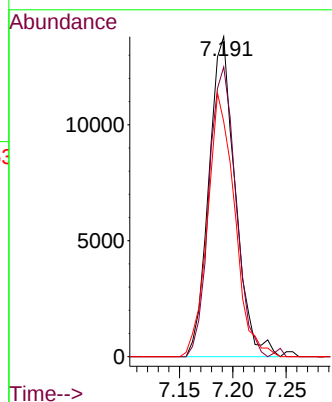
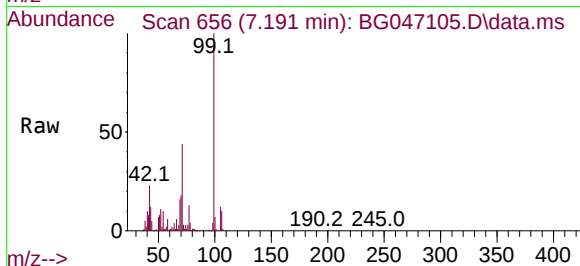




#9
Benzaldehyde
Concen: 11.34 ng
RT: 7.191 min Scan# 656
Delta R.T. 0.000 min
Lab File: BG047105.D
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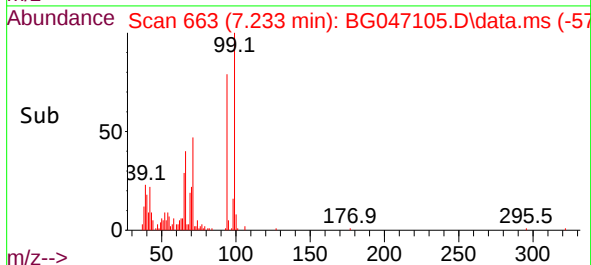
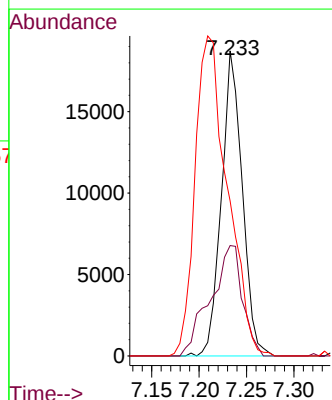
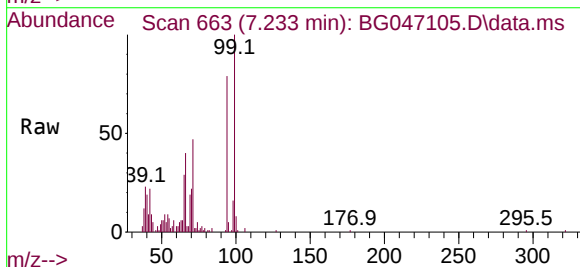
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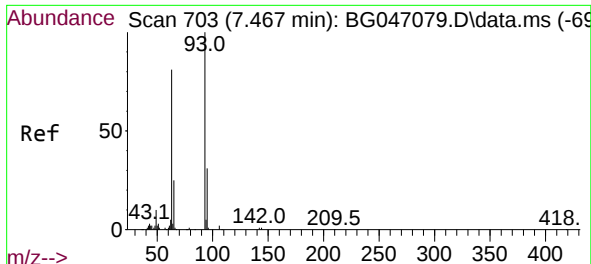
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Ion Ratio Lower Upper
77 100
105 90.5 85.9 125.9
106 73.4 80.9 120.9#



#10
Phenol
Concen: 8.10 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion: 94 Resp: 28639
Ion Ratio Lower Upper
94 100
65 36.2 6.6 46.6
66 50.8 13.9 53.9

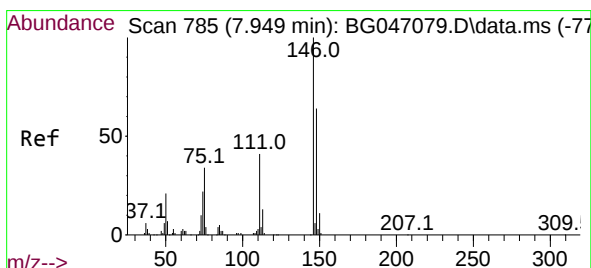
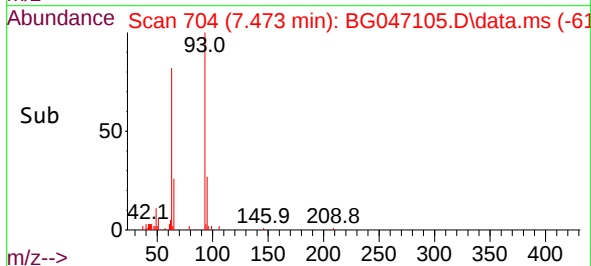
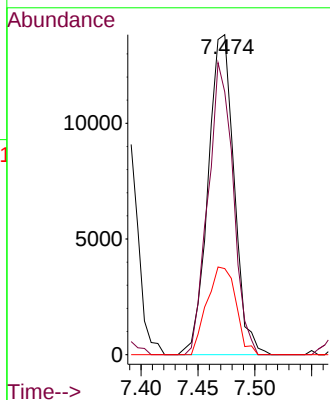
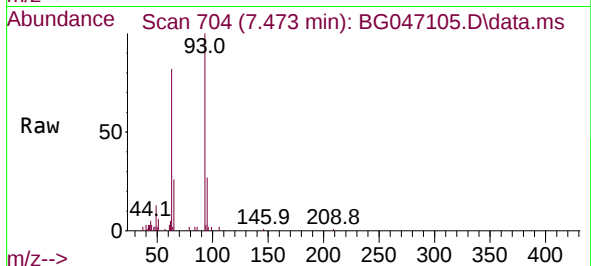




#11
bis(2-Chloroethyl)ether
Concen: 7.92 ng
RT: 7.473 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

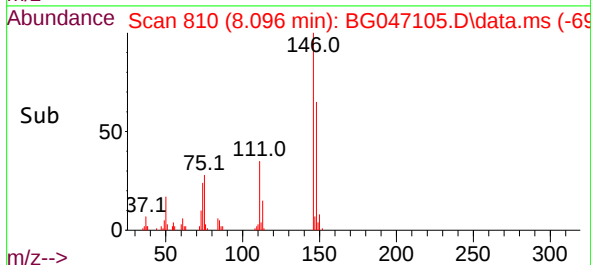
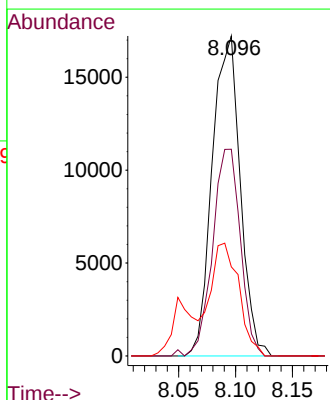
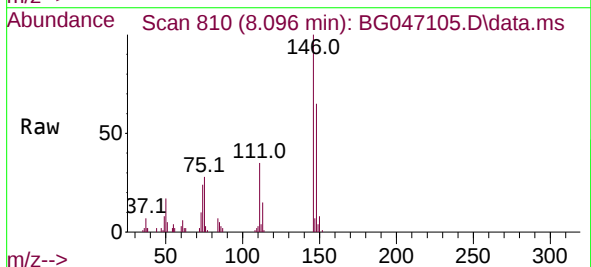
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

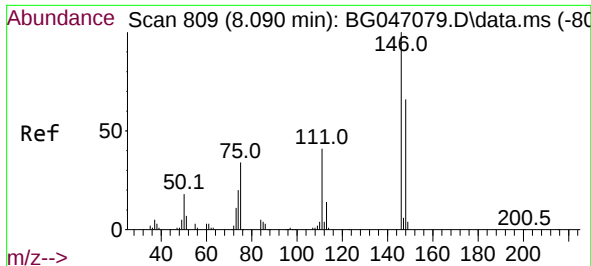
Tgt Ion: 93	Resp: 22039
Ion Ratio	Lower Upper
93 100	
63 82.1	56.4 96.4
95 26.9	13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 8.39 ng
RT: 8.096 min Scan# 810
Delta R.T. 0.147 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:146	Resp: 29416
Ion Ratio	Lower Upper
146 100	
148 64.6	50.1 75.1
75 27.9	20.1 30.1

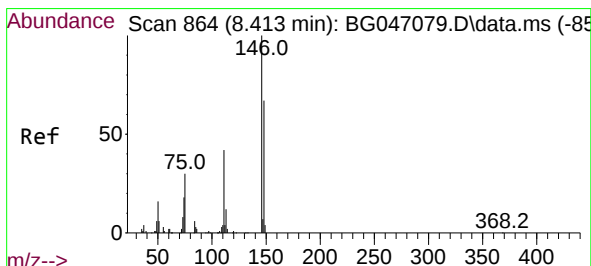
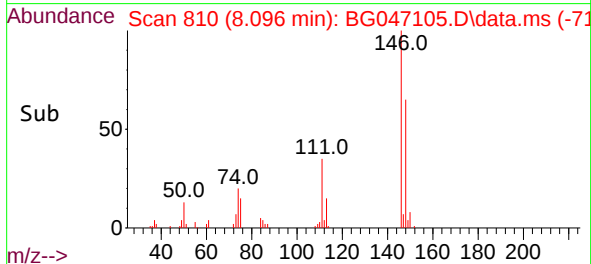
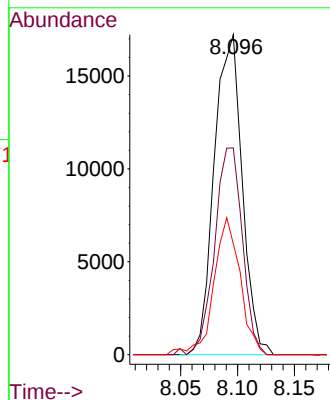
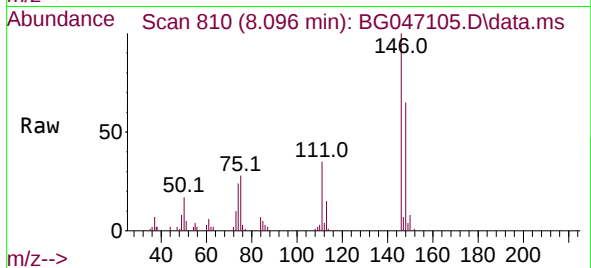




#13
1,4-Dichlorobenzene
Concen: 8.31 ng
RT: 8.096 min Scan# 810
Delta R.T. 0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

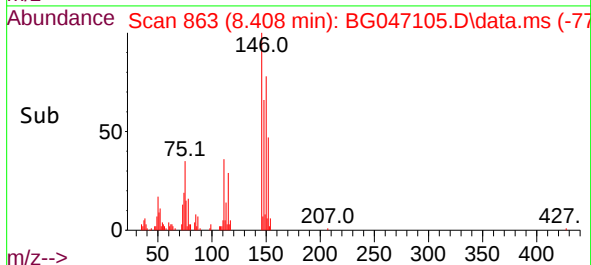
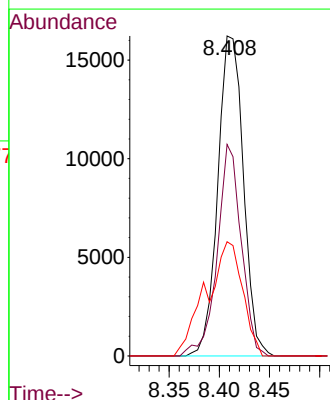
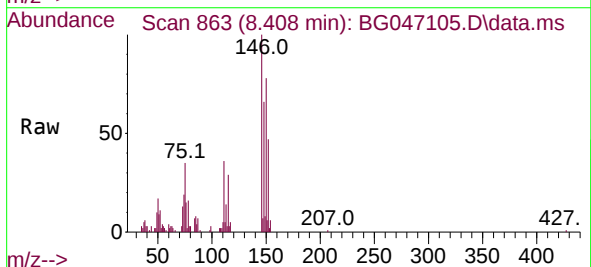
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

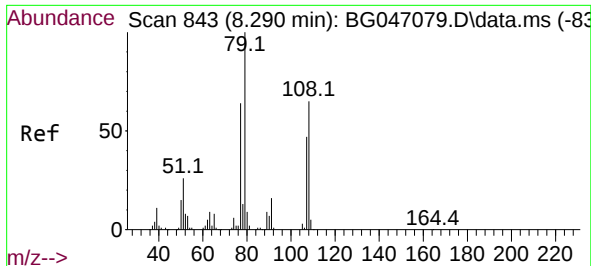
Tgt Ion:146 Resp: 29416
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 34.6 29.7 44.5



#14
1,2-Dichlorobenzene
Concen: 8.57 ng
RT: 8.408 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:146 Resp: 28754
Ion Ratio Lower Upper
146 100
148 66.1 53.0 79.6
111 35.7 30.7 46.1

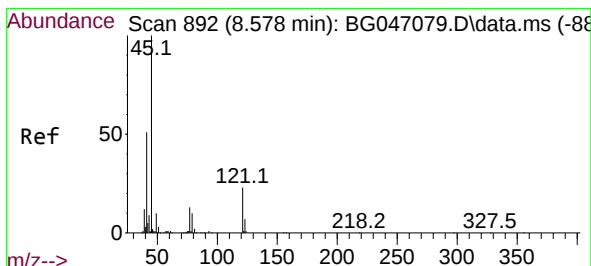
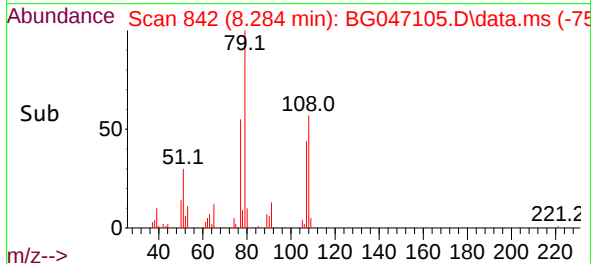
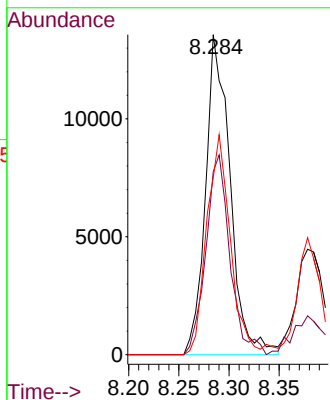
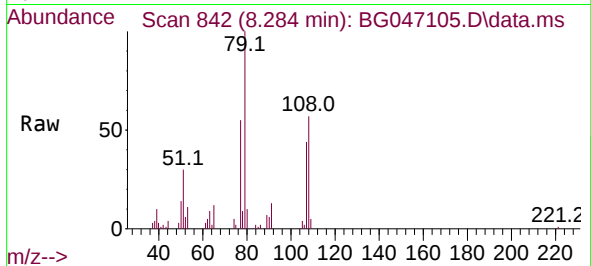




#15
Benzyl Alcohol
Concen: 7.92 ng
RT: 8.284 min Scan# 842
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

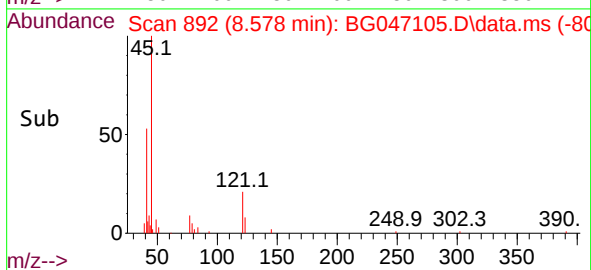
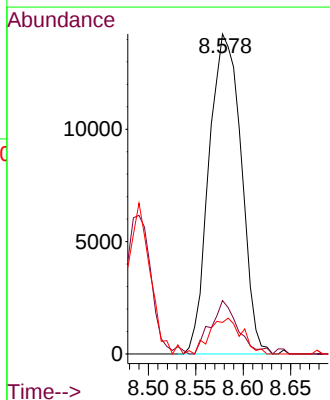
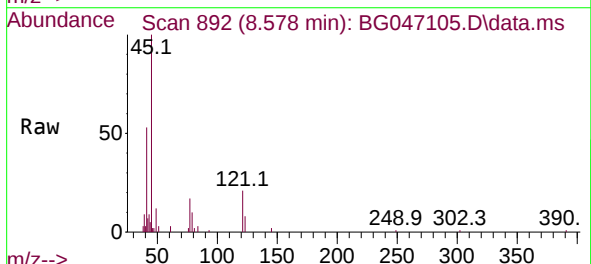
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

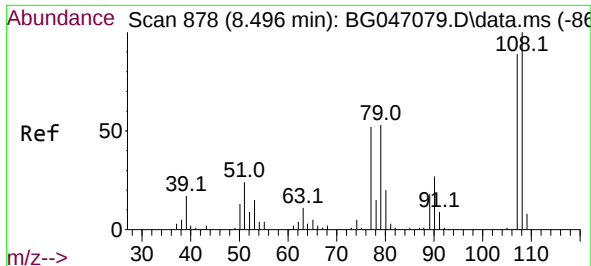
Tgt Ion: 79 Resp: 23116
Ion Ratio Lower Upper
79 100
108 57.2 65.5 98.3#
77 55.2 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 7.64 ng
RT: 8.578 min Scan# 892
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion: 45 Resp: 33641
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.4
79 9.9 0.0 30.8

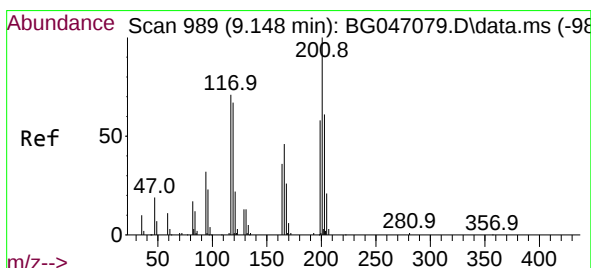
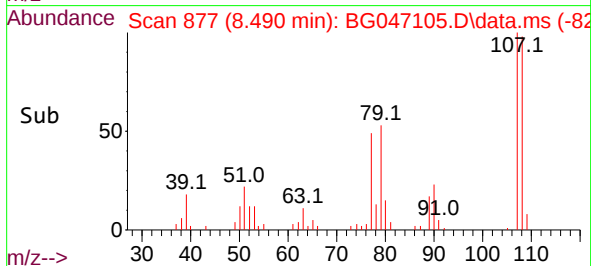
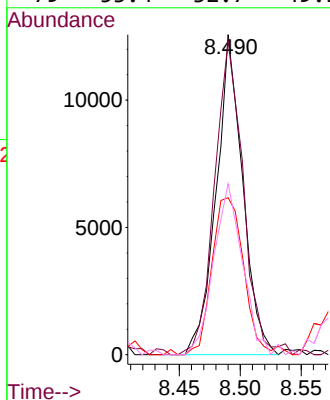
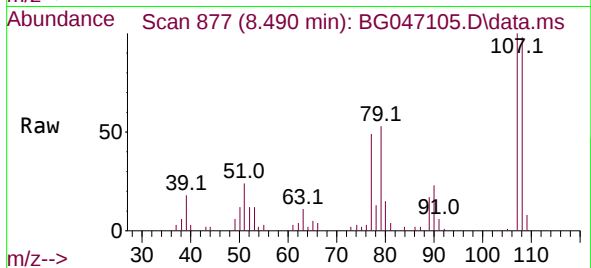




#17
2-Methylphenol
Concen: 7.82 ng
RT: 8.490 min Scan# 877
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

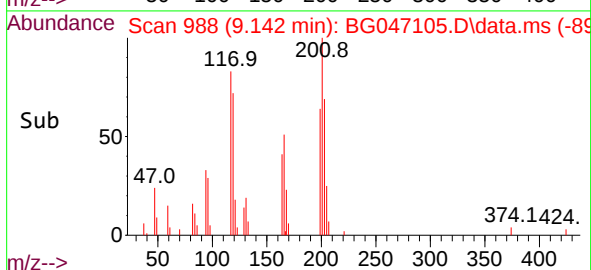
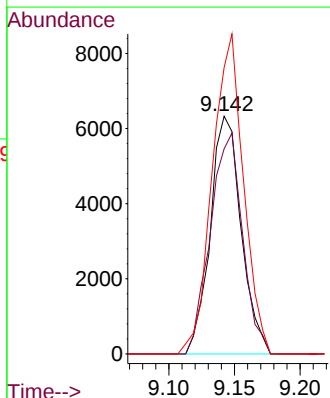
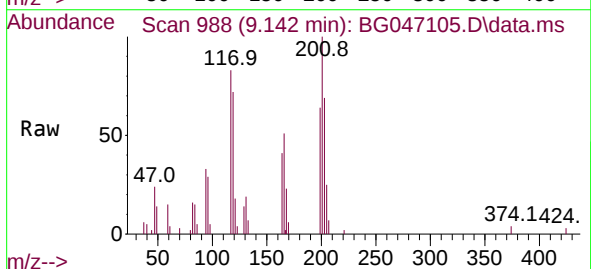
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

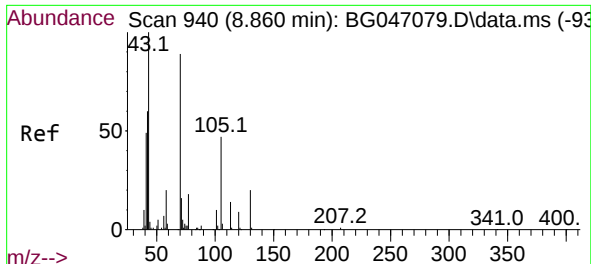
Tgt Ion:	107	Resp:	19012
Ion	Ratio	Lower	Upper
107	100		
108	98.0	87.2	130.8
77	49.0	33.8	50.8
79	53.4	32.7	49.1#



#18
Hexachloroethane
Concen: 7.79 ng
RT: 9.142 min Scan# 988
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	117	Resp:	10335
Ion	Ratio	Lower	Upper
117	100		
119	86.3	77.5	116.3
201	120.4	104.9	157.3

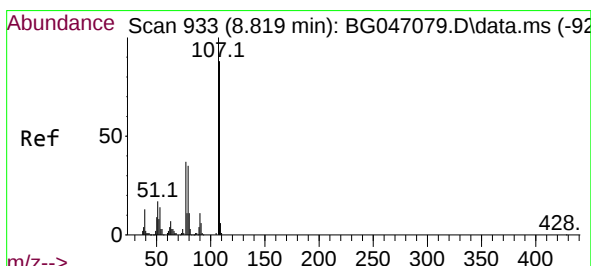
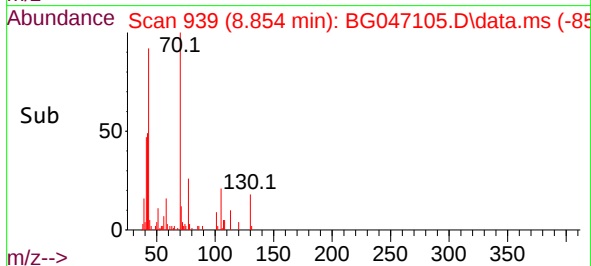
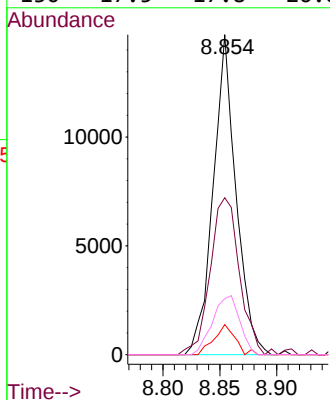
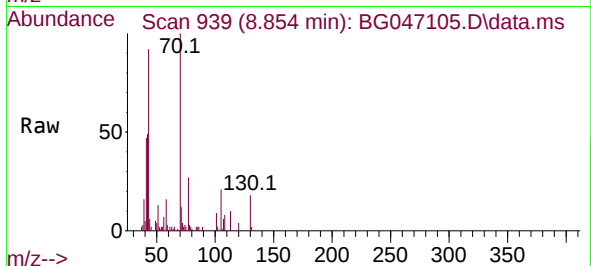




#19
n-Nitroso-di-n-propylamine
Concen: 8.09 ng
RT: 8.854 min Scan# 939
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

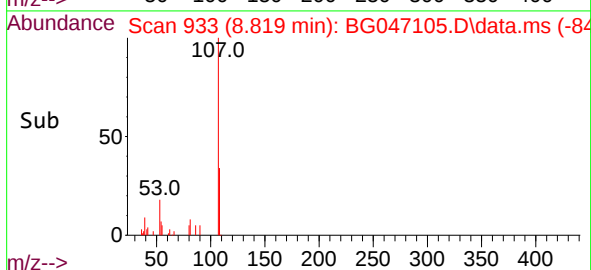
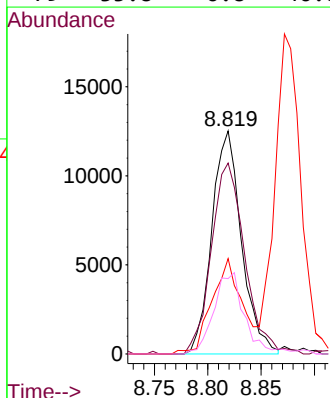
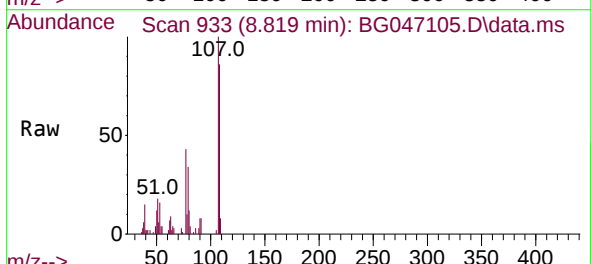
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

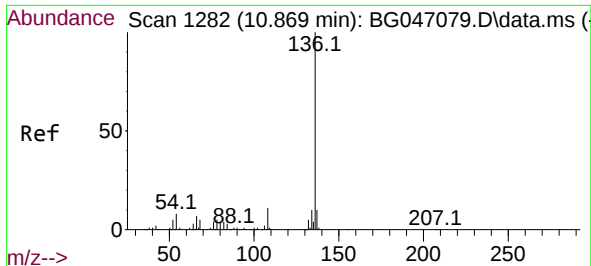
Tgt Ion:	70	Resp:	20619
Ion	Ratio	Lower	Upper
70	100		
42	49.1	45.6	68.4
101	9.4	8.4	12.6
130	17.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 7.38 ng
RT: 8.819 min Scan# 933
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	107	Resp:	24179
Ion	Ratio	Lower	Upper
107	100		
108	85.5	70.6	110.6
77	42.7	10.2	50.2
79	33.8	6.8	46.8

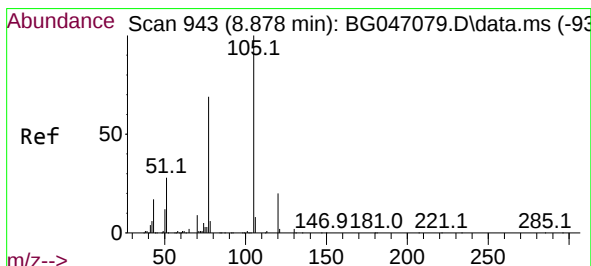
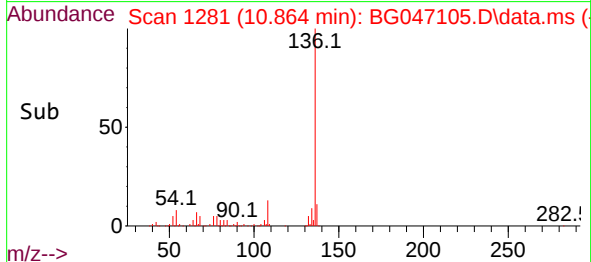
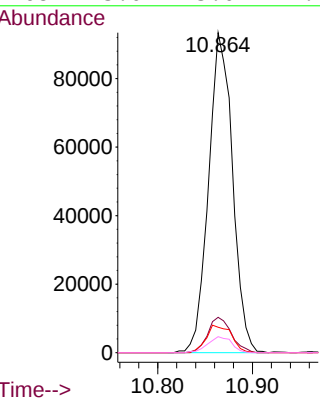
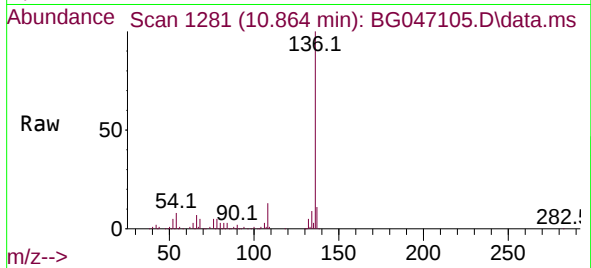




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.864 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

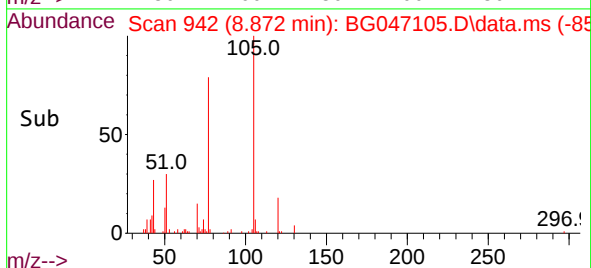
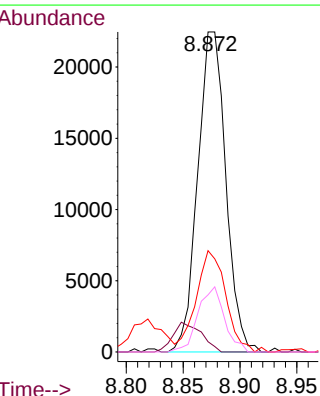
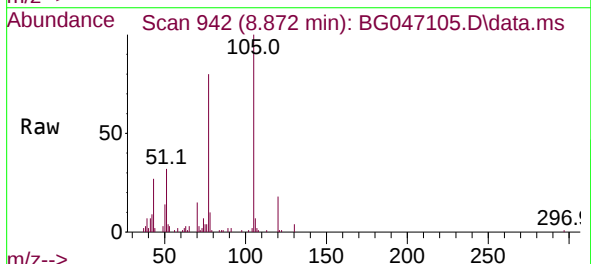
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

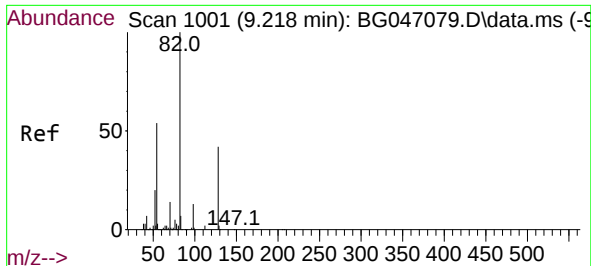
Tgt Ion:	136	Resp:	163945
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.0	6.2	9.4
68	5.0	5.0	7.4



#22
Acetophenone
Concen: 8.76 ng
RT: 8.872 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	105	Resp:	38675
Ion Ratio	Lower	Upper	
105	100		
71	3.2	2.7	4.1
51	31.6	21.0	31.6#
120	17.9	19.3	28.9#

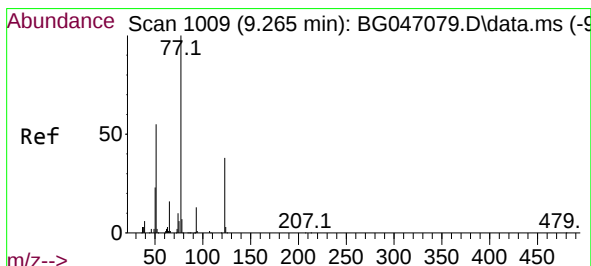
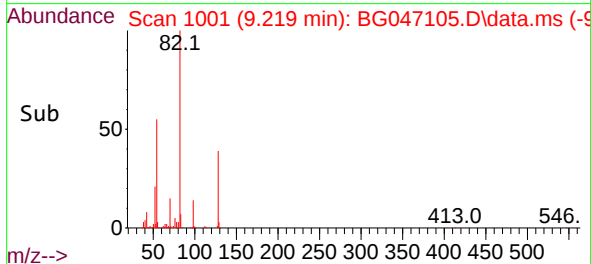
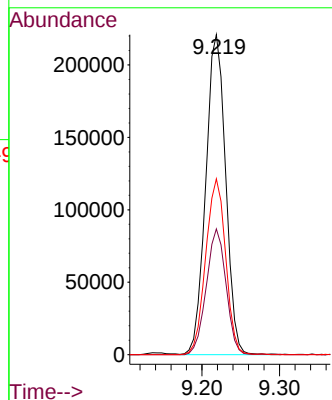
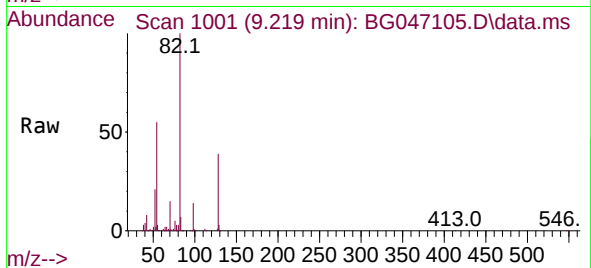




#23
Nitrobenzene-d5
Concen: 114.79 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

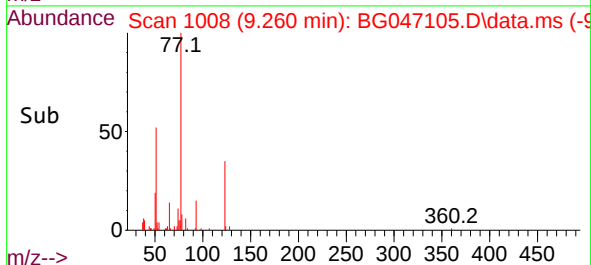
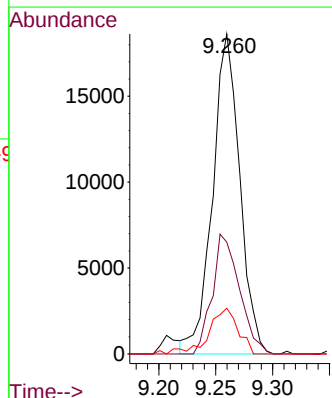
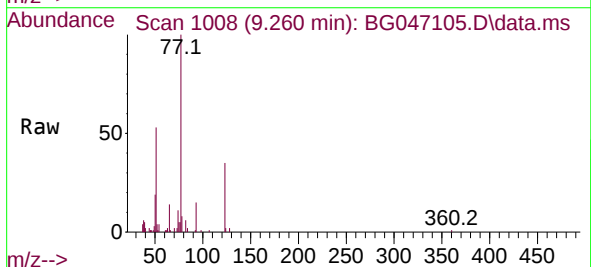
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

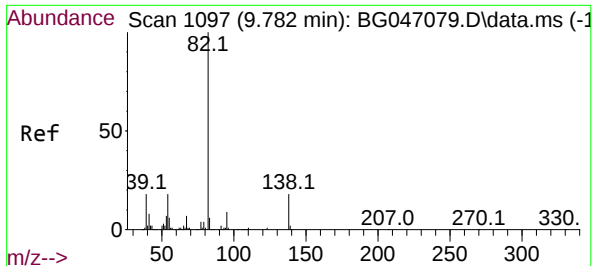
Tgt Ion: 82 Resp: 392971
Ion Ratio Lower Upper
82 100
128 39.3 37.0 55.6
54 54.9 39.0 58.4



#24
Nitrobenzene
Concen: 8.68 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion: 77 Resp: 30863
Ion Ratio Lower Upper
77 100
123 35.0 39.7 59.5#
65 14.3 10.4 15.6

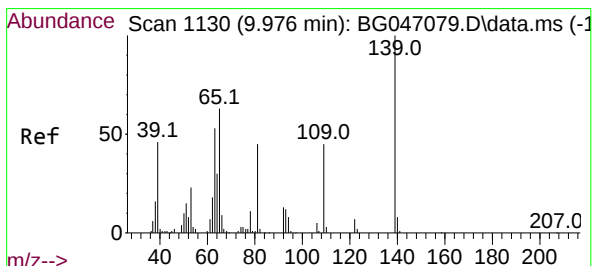
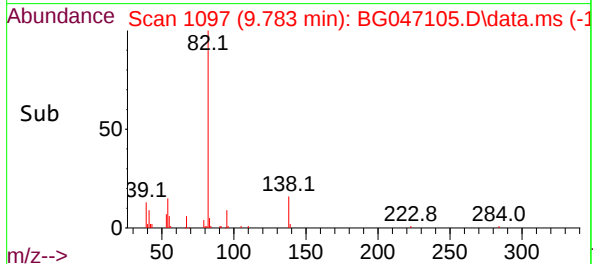
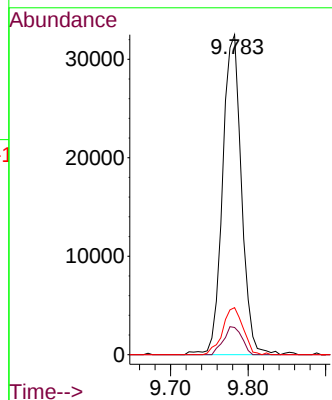
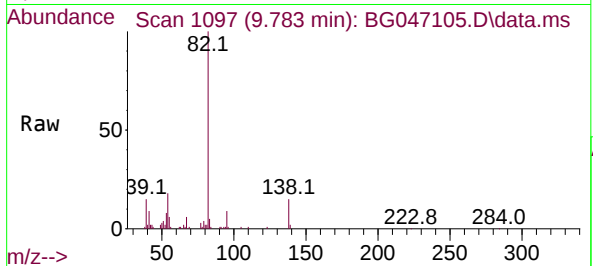




#25
Isophorone
Concen: 8.96 ng
RT: 9.783 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

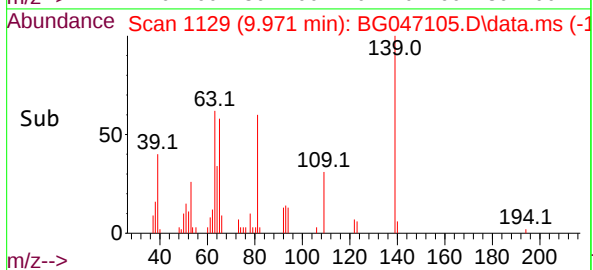
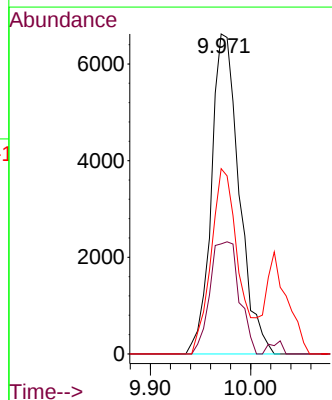
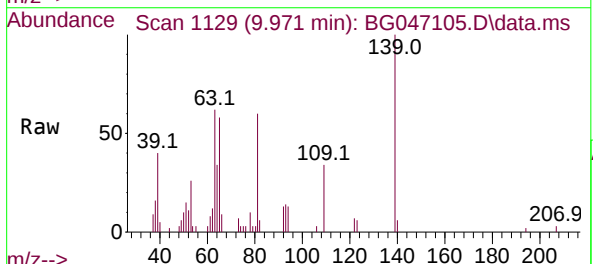
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

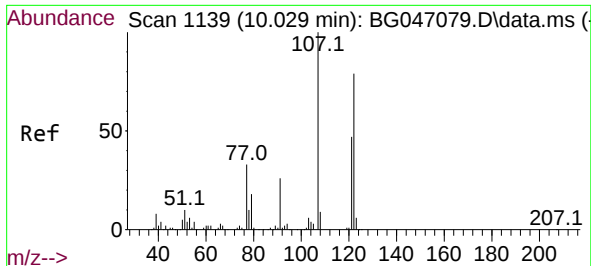
Tgt Ion:	82	Resp:	54851
Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.6	8.4#
138	14.7	15.8	23.6#



#26
2-Nitrophenol
Concen: 8.27 ng
RT: 9.971 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	139	Resp:	12751
Ion	Ratio	Lower	Upper
139	100		
109	34.4	20.7	31.1#
65	57.9	36.1	54.1#

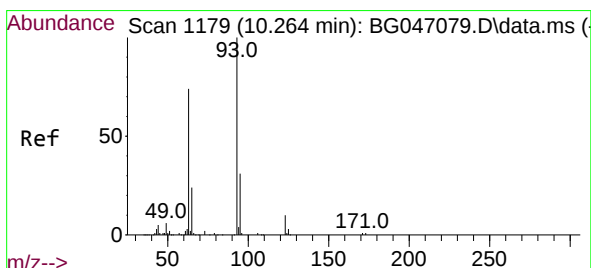
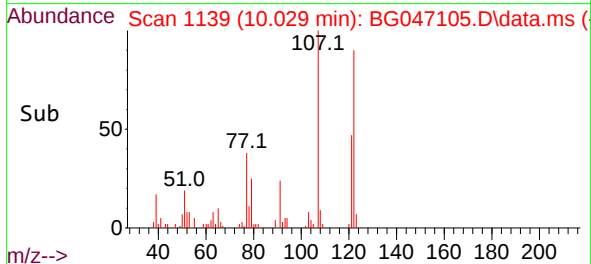
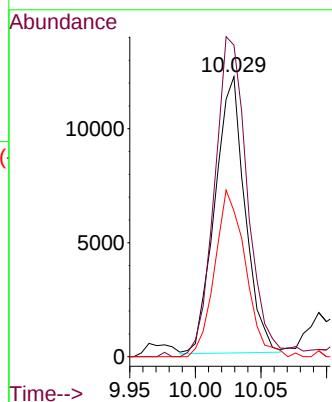
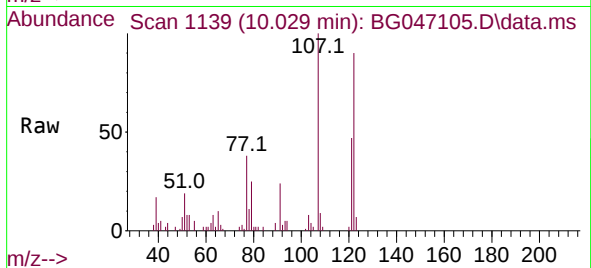




#27
2,4-Dimethylphenol
Concen: 9.20 ng
RT: 10.029 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

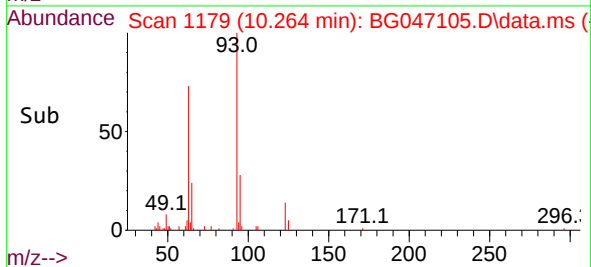
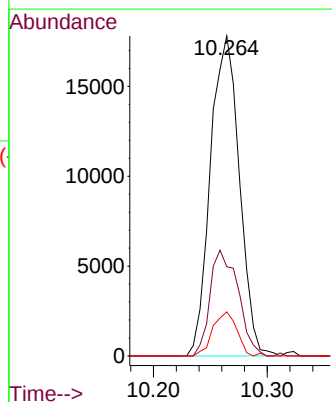
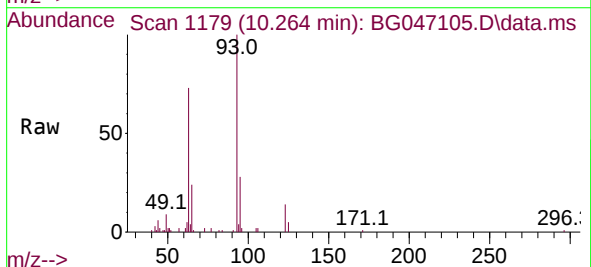
Instrument :
BNA_G
ClientSampleId :
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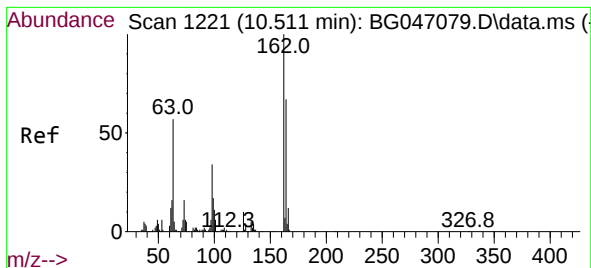
Tgt Ion:122 Resp: 19382
Ion Ratio Lower Upper
122 100
107 111.3 89.2 133.8
121 52.0 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 8.34 ng
RT: 10.264 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion: 93 Resp: 31535
Ion Ratio Lower Upper
93 100
95 27.9 26.5 39.7
123 13.8 9.4 14.0

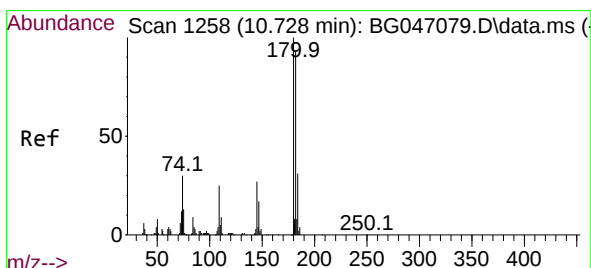
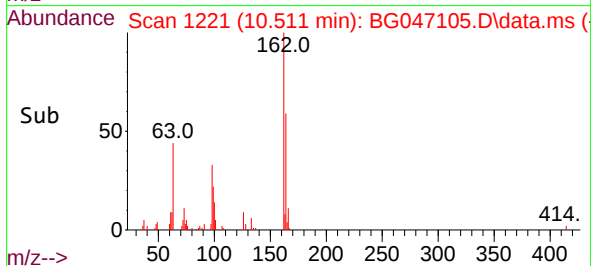
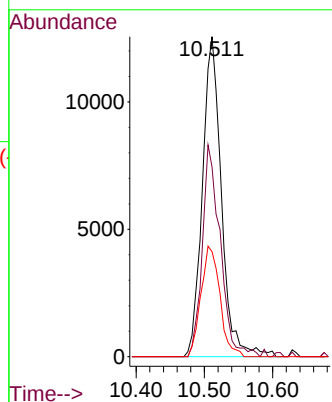
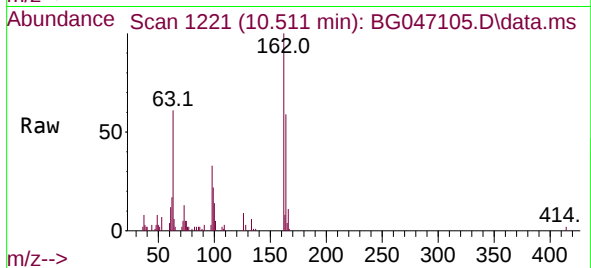




#29
2,4-Dichlorophenol
Concen: 8.41 ng
RT: 10.511 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

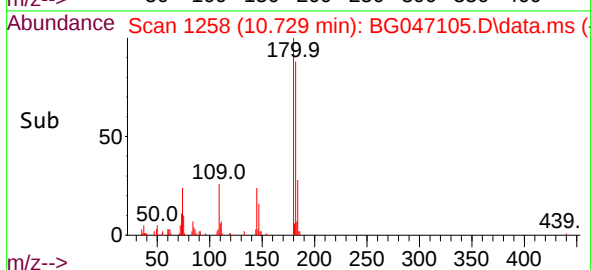
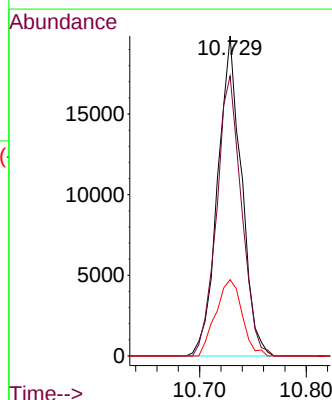
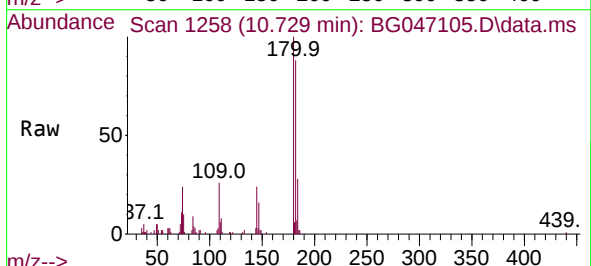
Instrument :
BNA_G
ClientSampleId :
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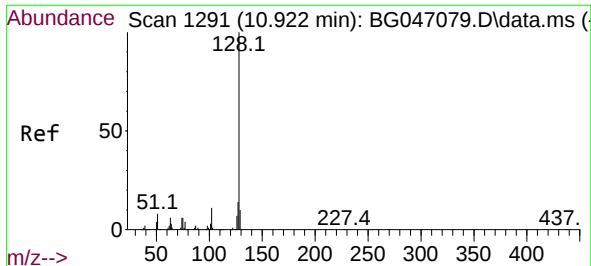
Tgt Ion:162 Resp: 24380
Ion Ratio Lower Upper
162 100
164 59.2 45.6 85.6
98 32.8 11.0 51.0



#30
1,2,4-Trichlorobenzene
Concen: 8.59 ng
RT: 10.729 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:180 Resp: 30710
Ion Ratio Lower Upper
180 100
182 87.5 76.9 115.3
145 23.9 21.4 32.0

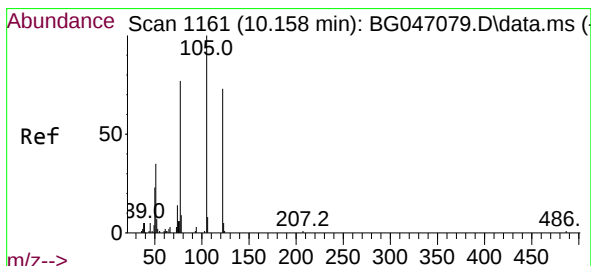
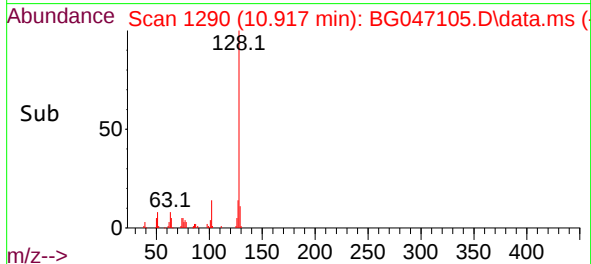
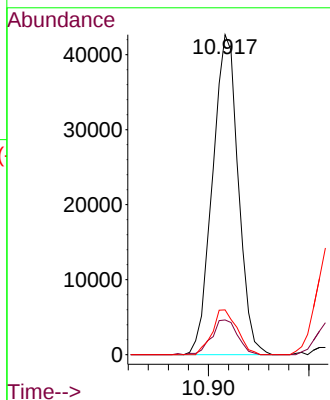
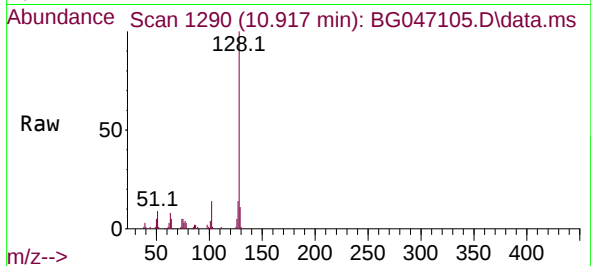




#31
Naphthalene
Concen: 8.84 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

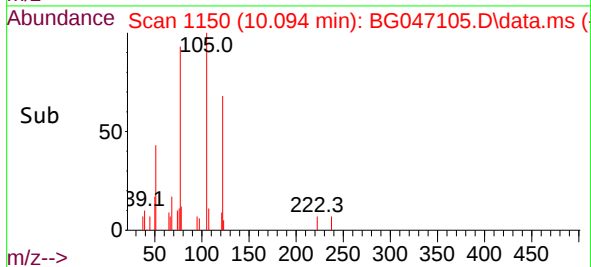
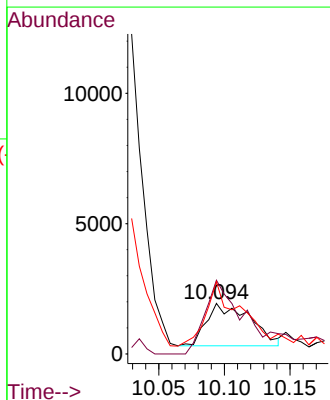
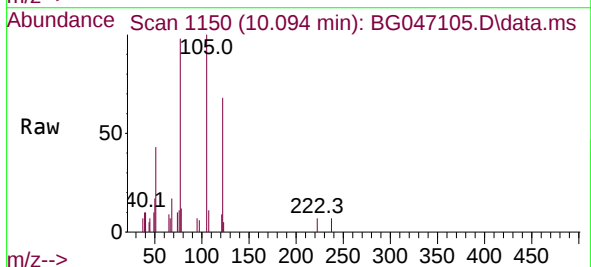
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

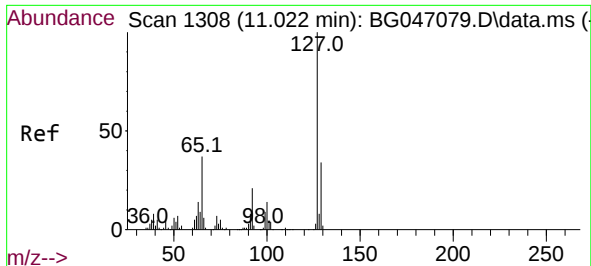
Tgt Ion:128 Resp: 75798
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.0 11.0 16.4



#32
Benzoic acid
Concen: 2.26 ng
RT: 10.094 min Scan# 1150
Delta R.T. -0.064 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:122 Resp: 3765
Ion Ratio Lower Upper
122 100
105 146.1 103.7 143.7#
77 143.2 63.0 103.0#

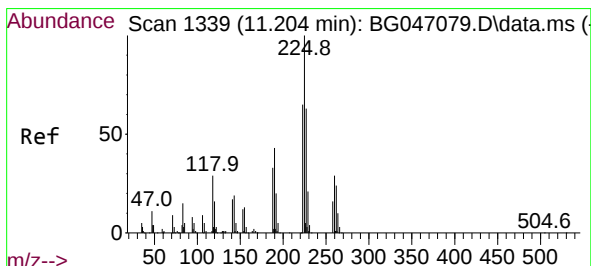
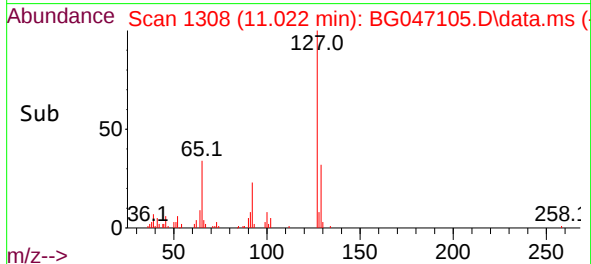
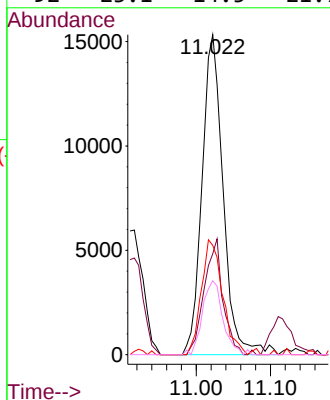
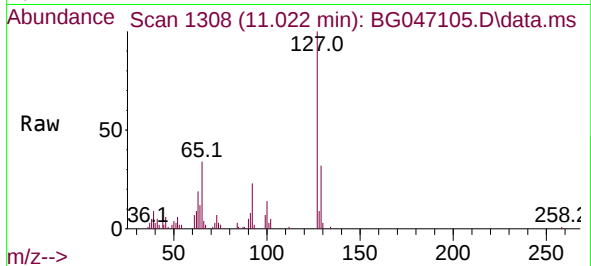




#33
4-Chloroaniline
Concen: 8.15 ng
RT: 11.022 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

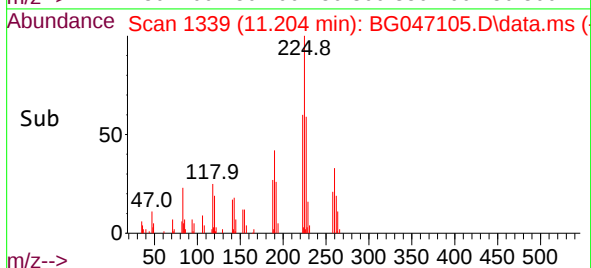
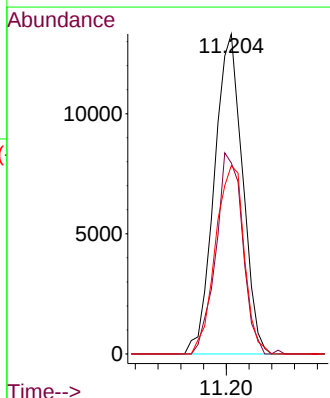
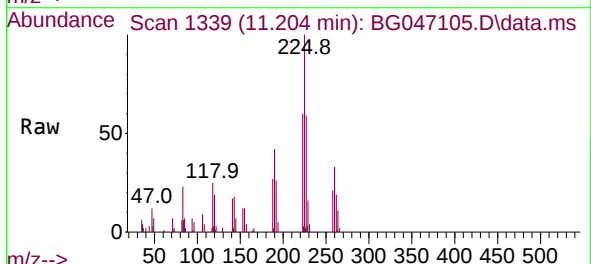
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

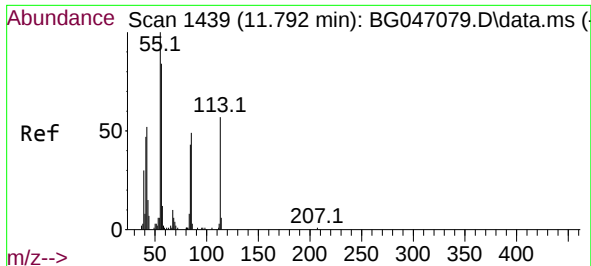
Tgt Ion:	127	Resp:	30406
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.8	40.2
65	34.2	23.8	35.6
92	23.1	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 8.55 ng
RT: 11.204 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	225	Resp:	22918
Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.5	74.3
227	58.9	52.0	78.0

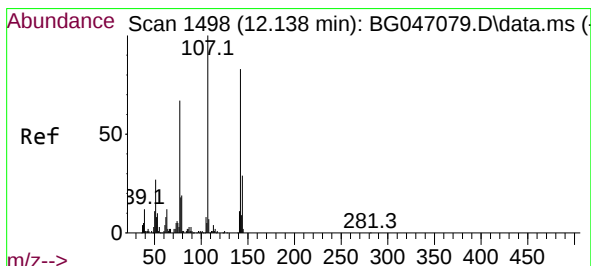
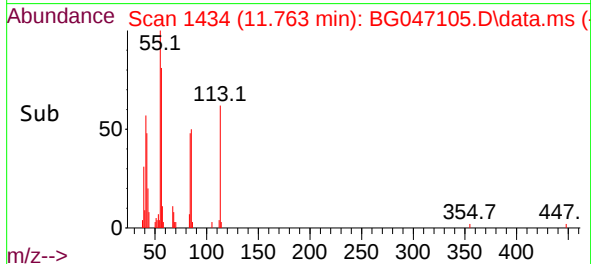
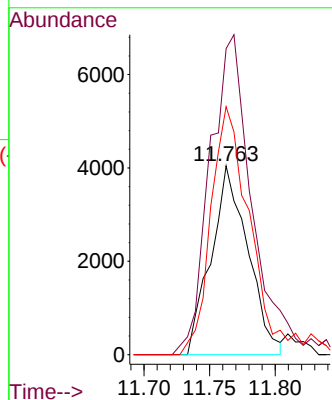
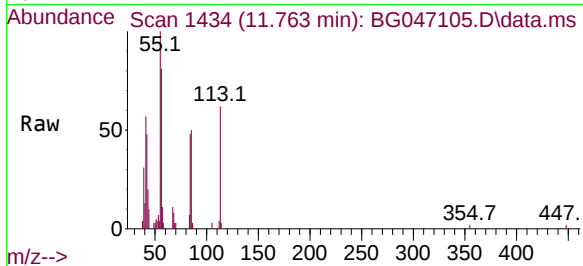




#35
Caprolactam
Concen: 8.18 ng
RT: 11.763 min Scan# 1434
Delta R.T. -0.029 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

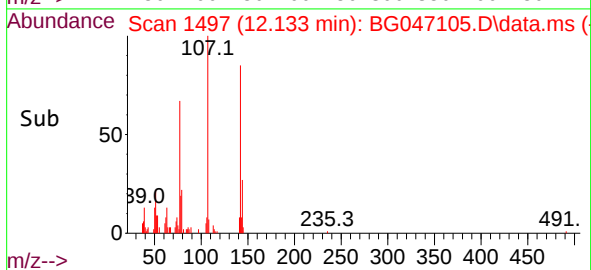
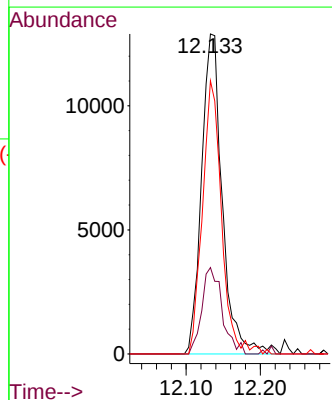
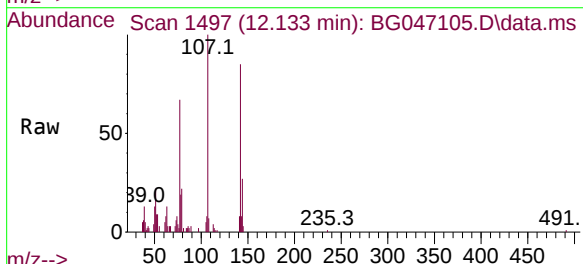
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

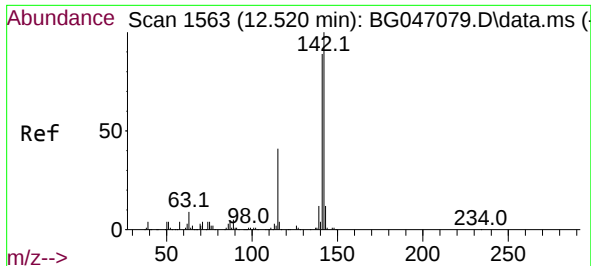
Tgt Ion:113	Resp:	7904
Ion	Ratio	Lower Upper
113	100	
55	162.1	149.2 189.2
56	131.3	107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 8.35 ng
RT: 12.133 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:107	Resp:	25151
Ion	Ratio	Lower Upper
107	100	
144	27.0	22.5 33.7
142	85.4	70.8 106.2

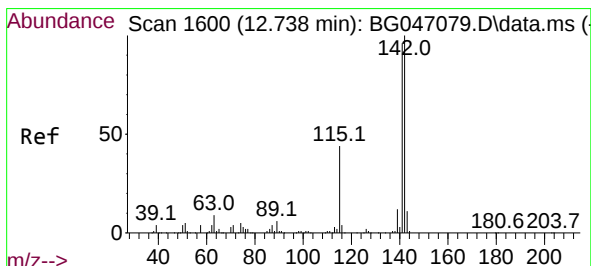
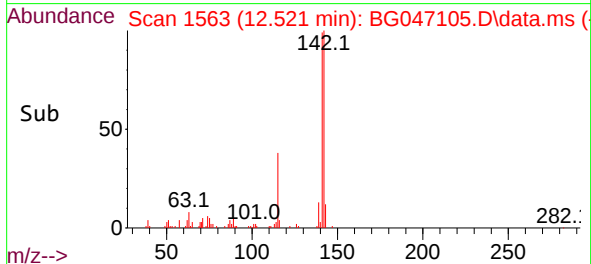
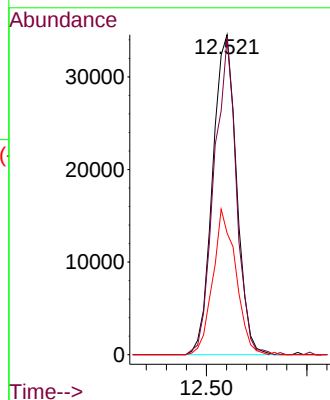
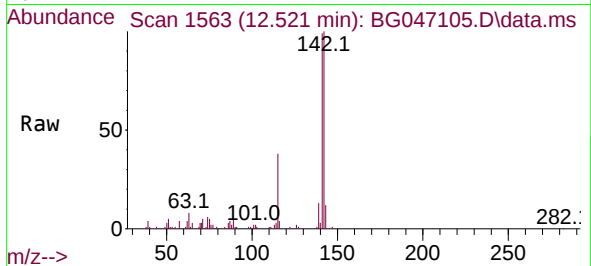




#37
2-Methylnaphthalene
Concen: 8.56 ng
RT: 12.521 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

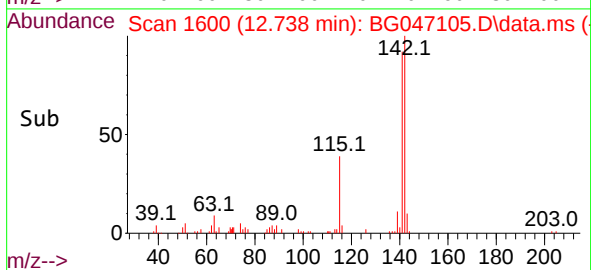
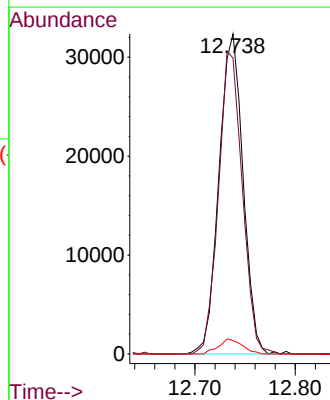
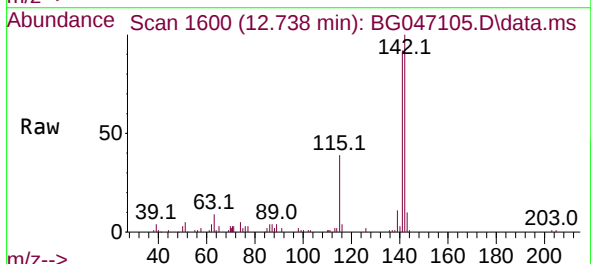
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

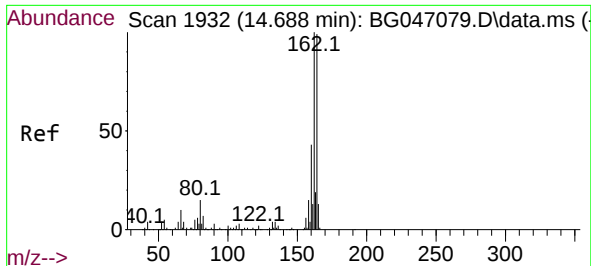
Tgt Ion:	142	Resp:	56965
Ion Ratio	Lower	Upper	
142	100		
141	98.9	71.6	107.4
115	38.0	25.4	38.2



#38
1-Methylnaphthalene
Concen: 8.53 ng
RT: 12.738 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	142	Resp:	53806
Ion Ratio	Lower	Upper	
142	100		
141	92.5	75.4	113.2
116	4.2	2.9	4.3

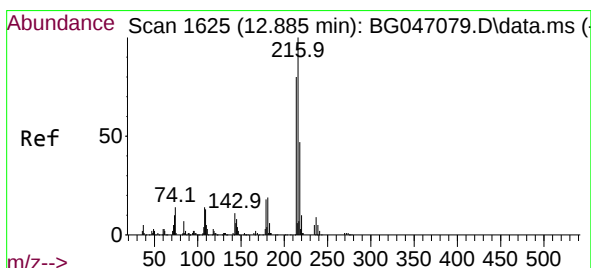
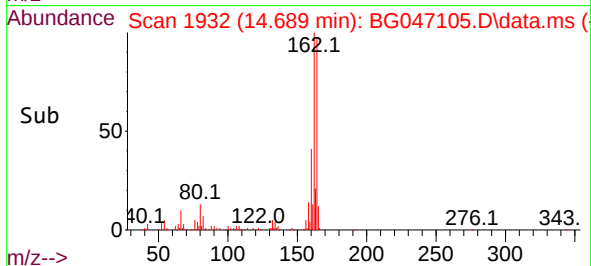
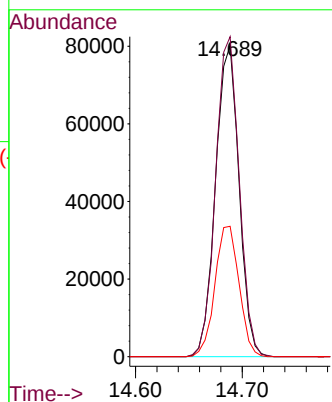
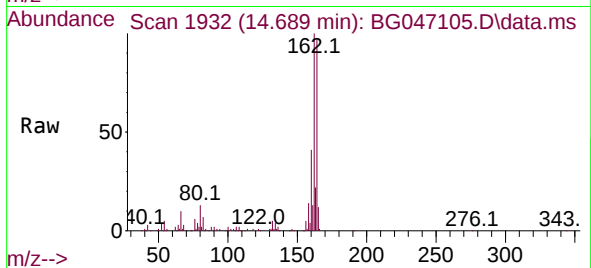




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.689 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

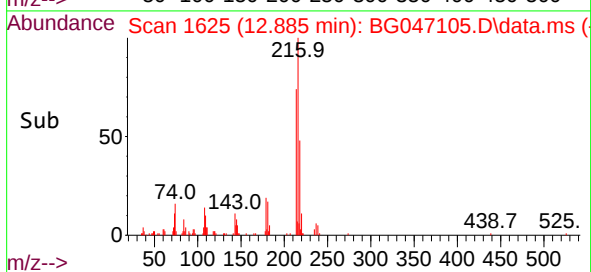
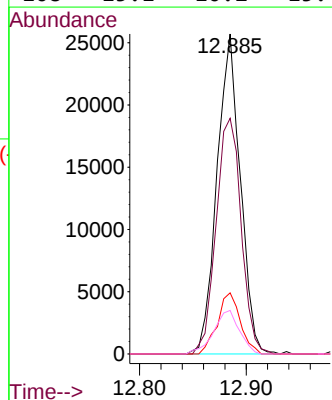
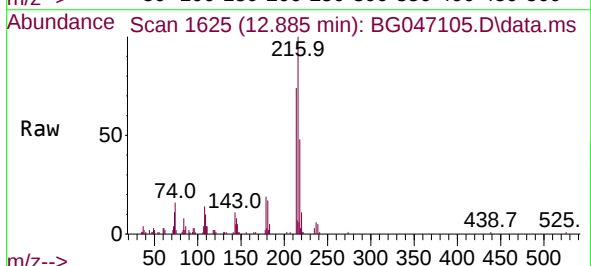
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

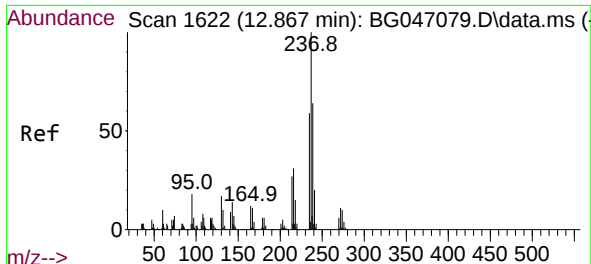
Tgt Ion:164 Resp: 122530
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 41.9 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.72 ng
RT: 12.885 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:216 Resp: 39033
Ion Ratio Lower Upper
216 100
214 79.0 61.9 92.9
179 18.7 14.8 22.2
108 15.1 10.2 15.4

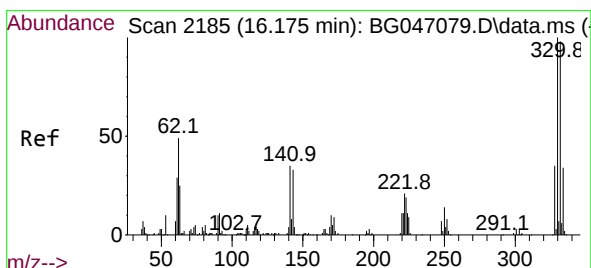
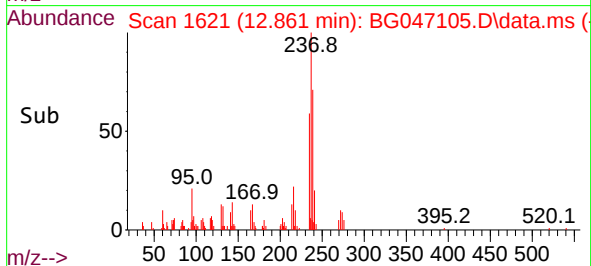
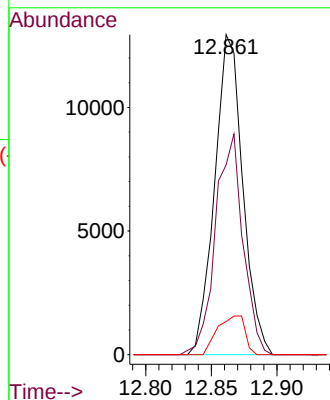
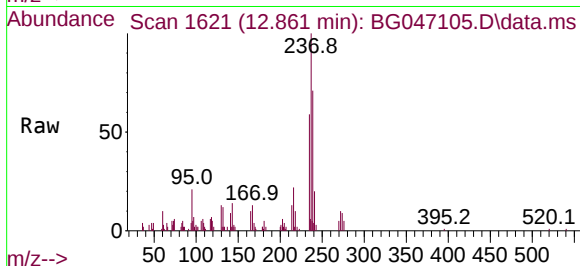




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.861 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

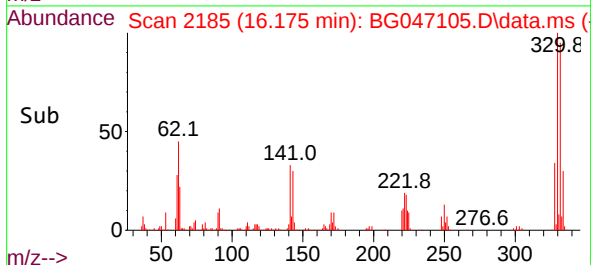
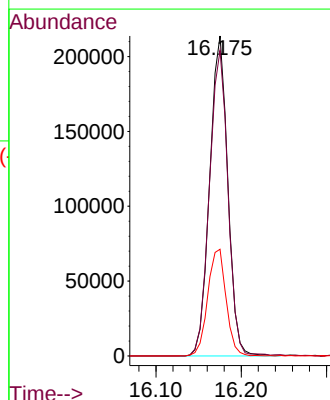
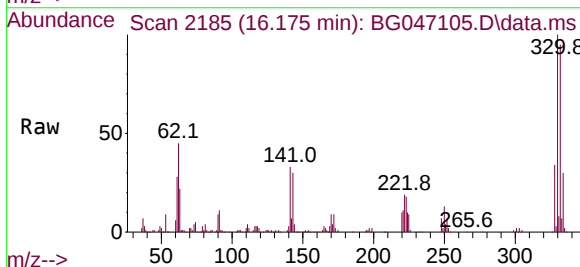
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

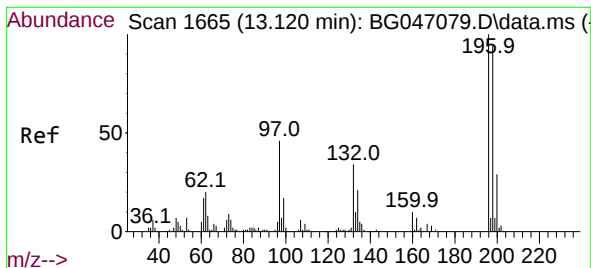
Tgt Ion:237	Resp:	19284
Ion Ratio	Lower	Upper
237	100	
235	59.3	43.1 83.1
272	10.4	0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 160.96 ng
RT: 16.175 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:330	Resp:	316131
Ion Ratio	Lower	Upper
330	100	
332	97.7	76.5 114.7
141	33.9	26.0 39.0

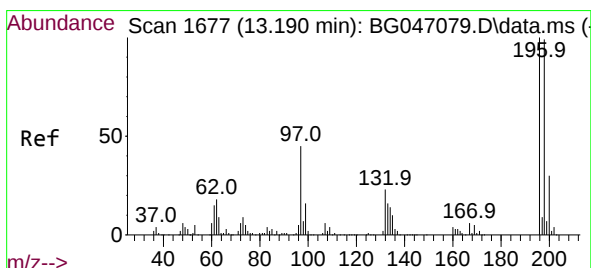
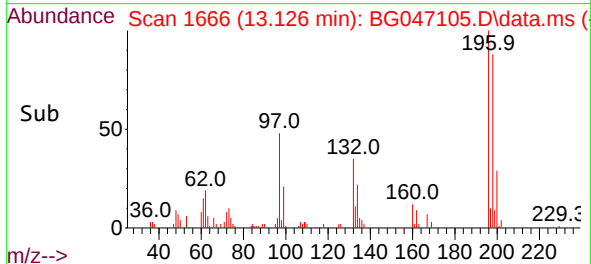
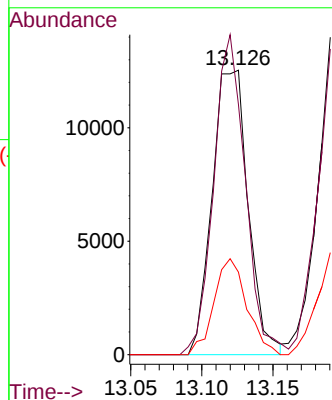
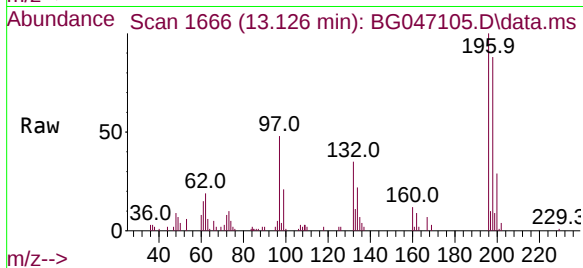




#43
2,4,6-Trichlorophenol
Concen: 7.57 ng
RT: 13.126 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

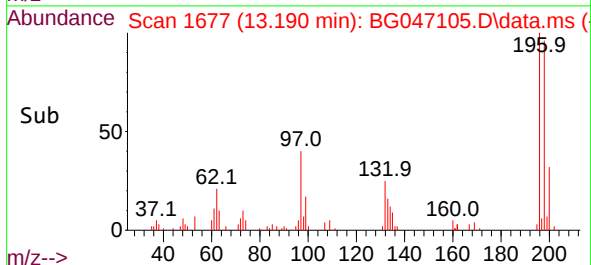
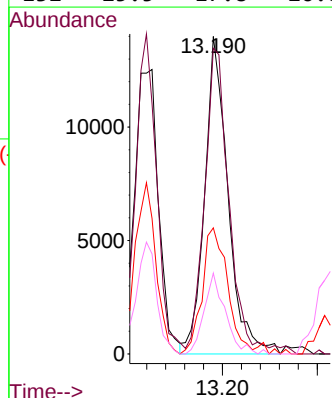
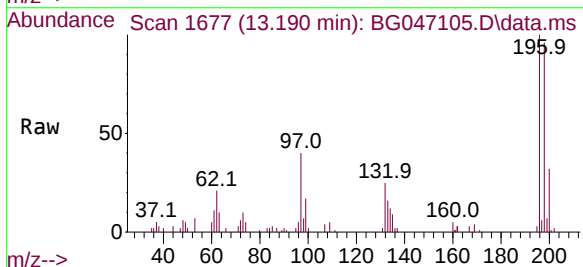
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

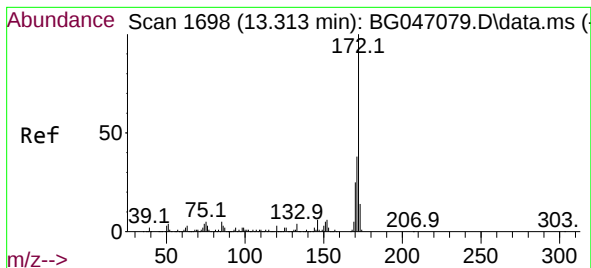
Tgt Ion:196 Resp: 22090
Ion Ratio Lower Upper
196 100
198 88.0 74.9 112.3
200 29.0 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 8.06 ng
RT: 13.190 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:196 Resp: 23902
Ion Ratio Lower Upper
196 100
198 96.3 77.6 116.4
97 39.7 28.6 43.0
132 25.5 17.8 26.8

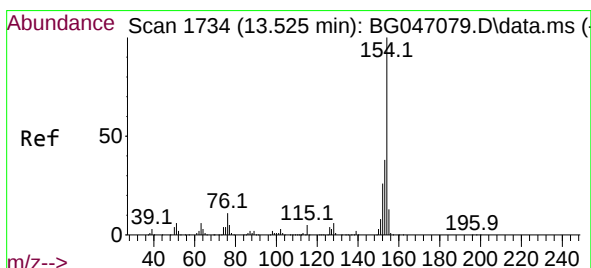
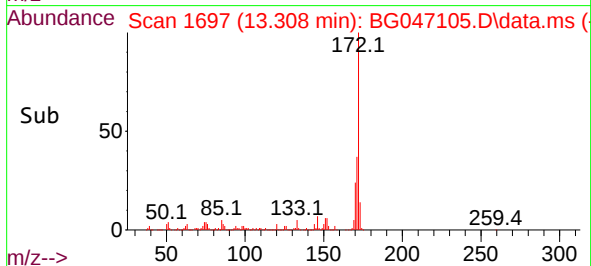
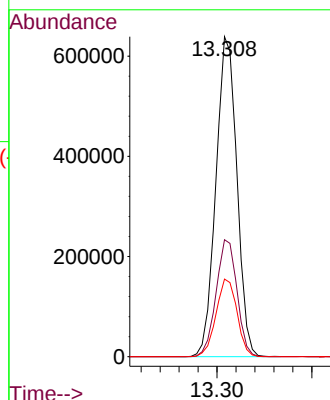
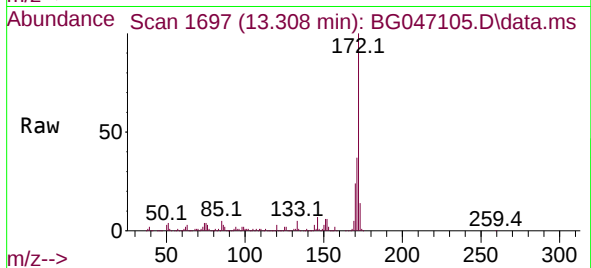




#45
2-Fluorobiphenyl
Concen: 113.41 ng
RT: 13.308 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

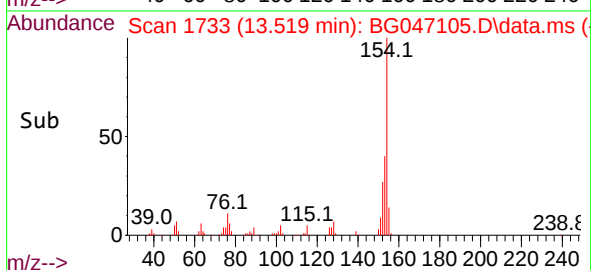
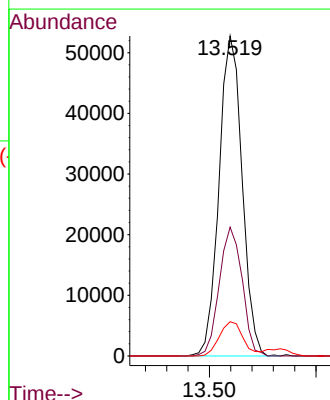
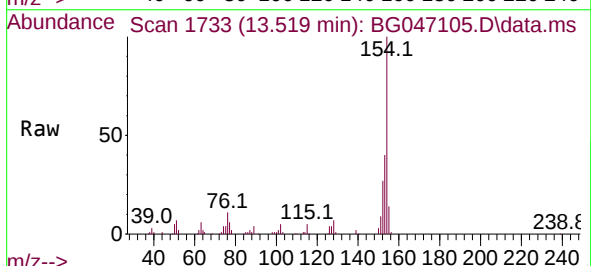
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

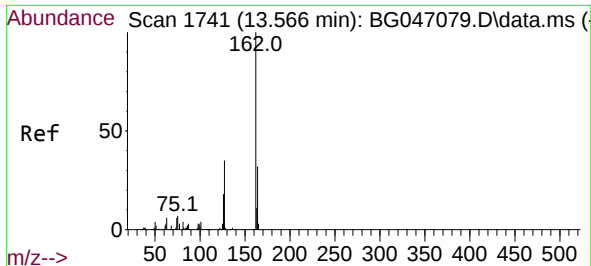
Tgt Ion:172 Resp: 982833
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 24.3 20.8 31.2



#46
1,1'-Biphenyl
Concen: 8.54 ng
RT: 13.519 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:154 Resp: 79182
Ion Ratio Lower Upper
154 100
153 40.3 22.6 62.6
76 10.7 0.0 32.6

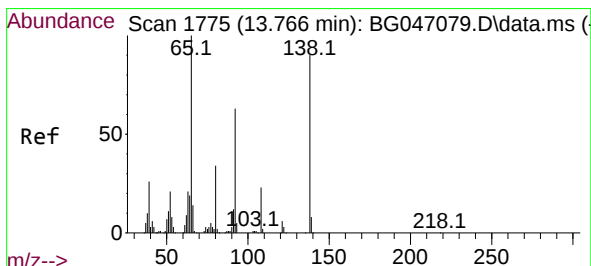
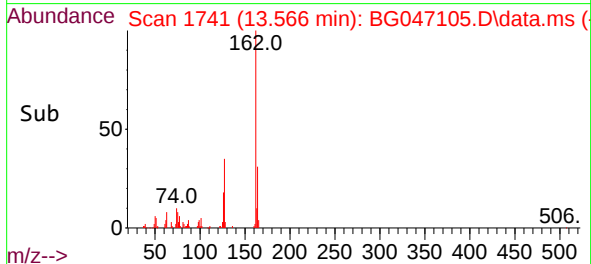
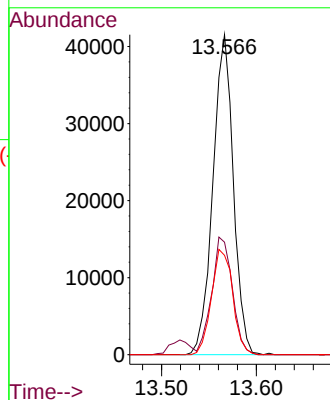
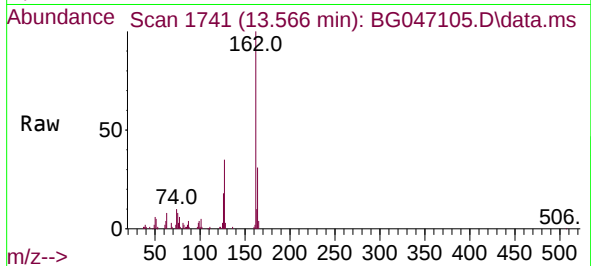




#47
2-Chloronaphthalene
Concen: 8.16 ng
RT: 13.566 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

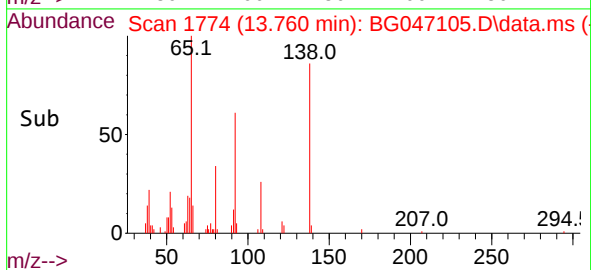
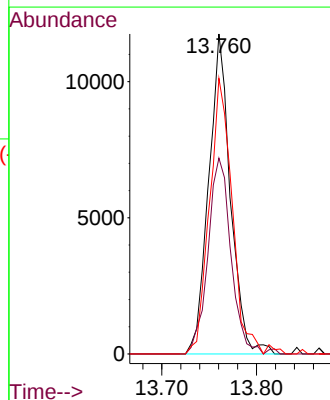
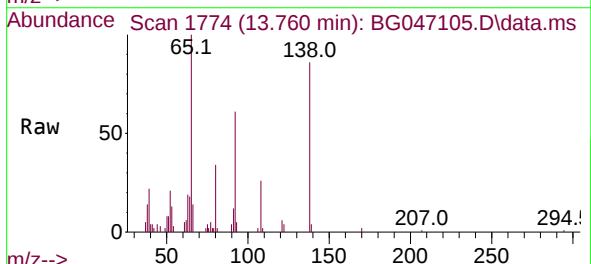
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

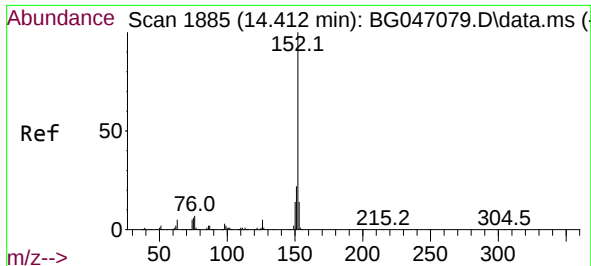
Tgt Ion:	162	Resp:	62308
Ion Ratio	Lower	Upper	
162	100		
127	35.2	27.8	41.6
164	31.1	27.0	40.4



#48
2-Nitroaniline
Concen: 7.55 ng
RT: 13.760 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	65	Resp:	18791
Ion Ratio	Lower	Upper	
65	100		
92	61.2	58.6	88.0
138	86.1	98.2	147.4#

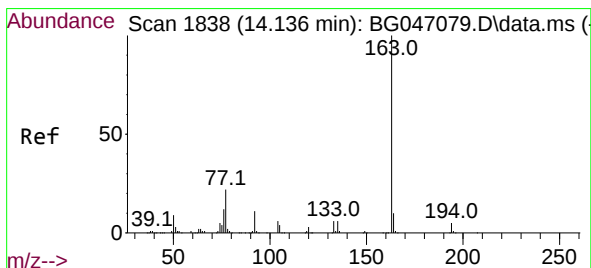
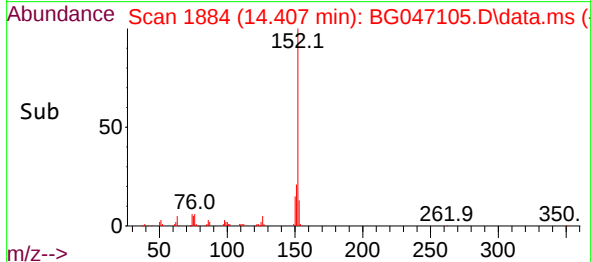
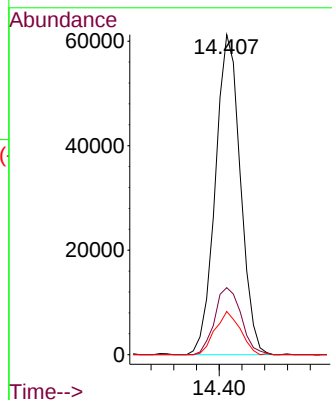
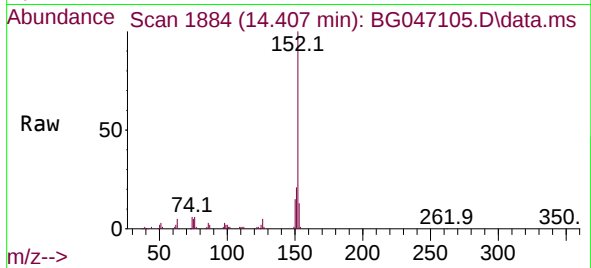




#49
Acenaphthylene
Concen: 8.45 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

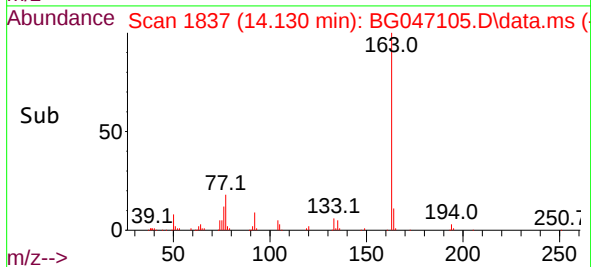
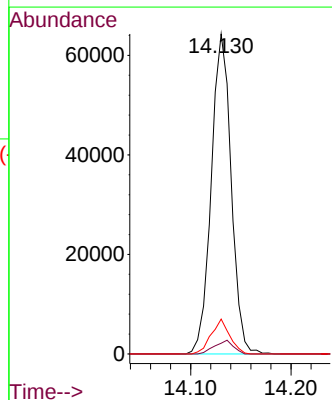
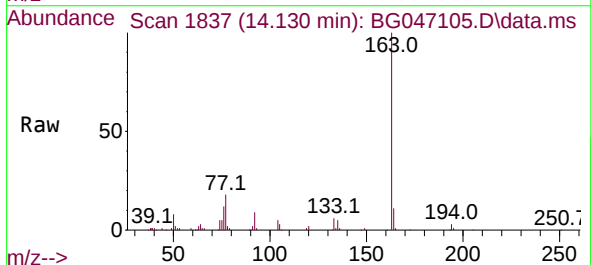
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

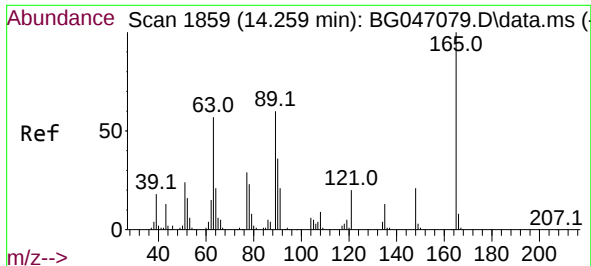
Tgt Ion:152 Resp: 93653
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0
153 13.5 11.5 17.3



#50
Dimethylphthalate
Concen: 8.78 ng
RT: 14.130 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:163 Resp: 88593
Ion Ratio Lower Upper
163 100
194 3.4 3.8 5.8#
164 10.9 8.8 13.2

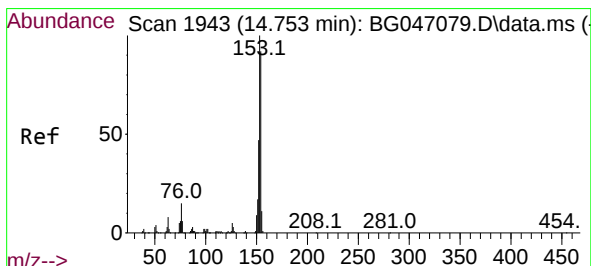
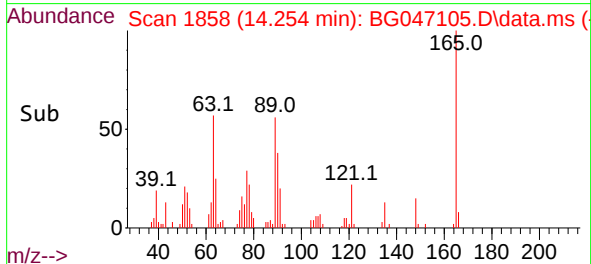
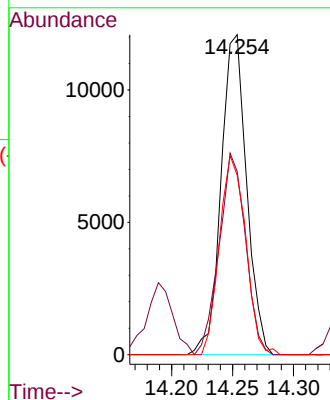
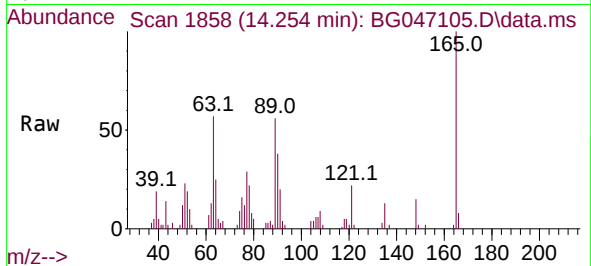




#51
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 14.254 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

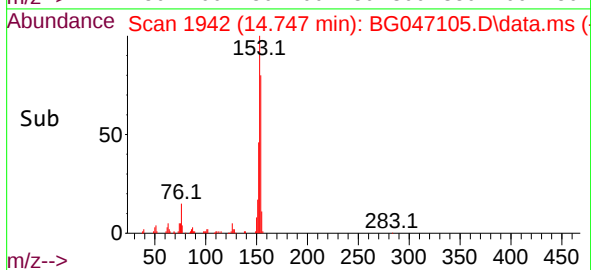
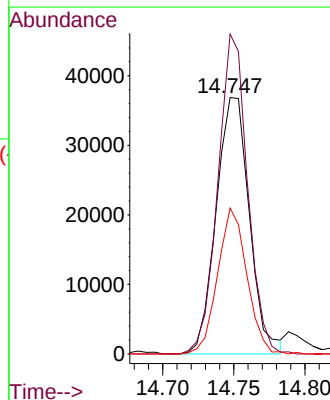
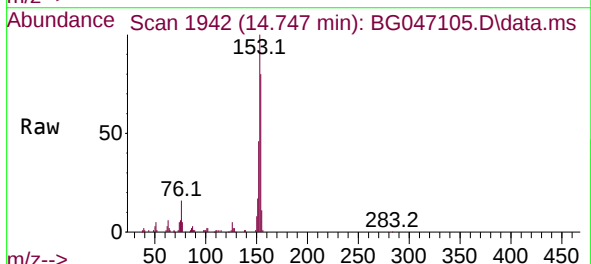
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

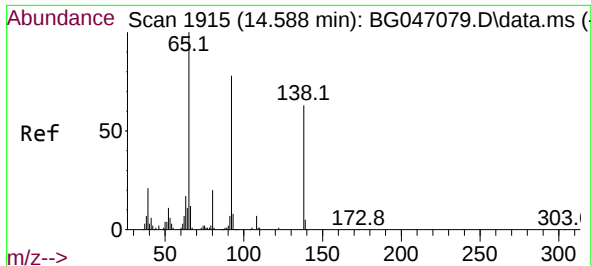
Tgt Ion:165 Resp: 17659
Ion Ratio Lower Upper
165 100
63 57.2 33.7 50.5#
89 56.1 36.6 54.8#



#52
Acenaphthene
Concen: 8.30 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:154 Resp: 60056
Ion Ratio Lower Upper
154 100
153 124.8 90.3 135.5
152 56.9 43.8 65.8

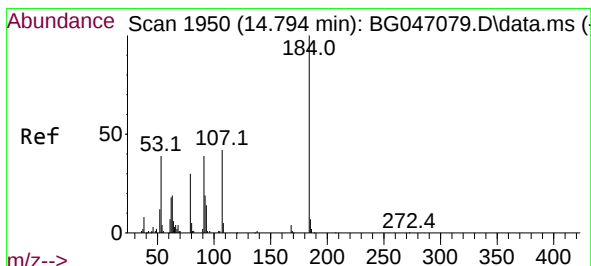
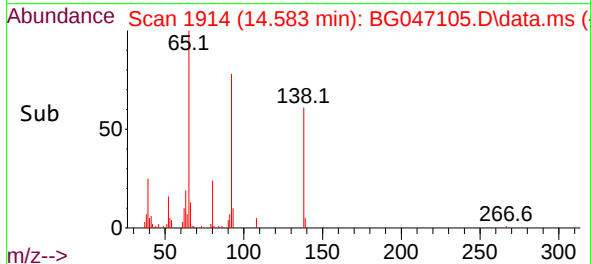
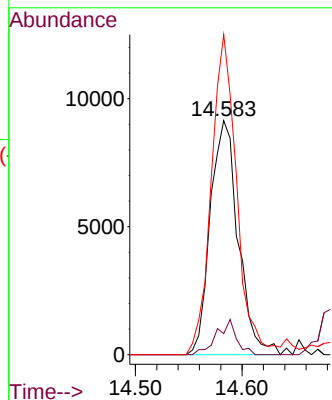
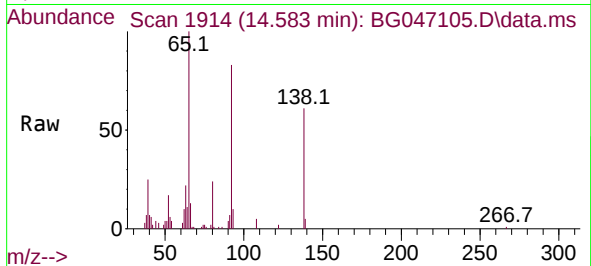




#53
3-Nitroaniline
Concen: 7.94 ng
RT: 14.583 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

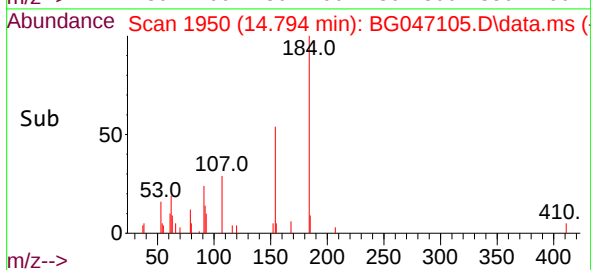
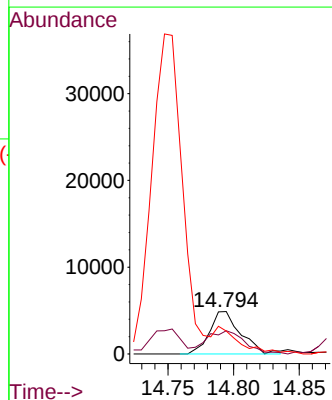
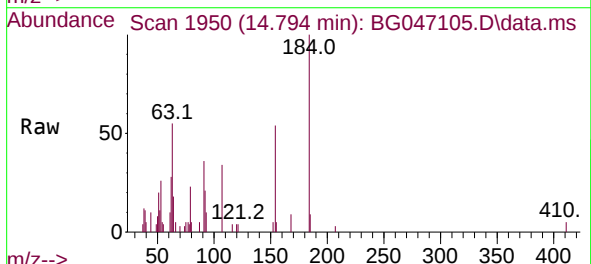
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

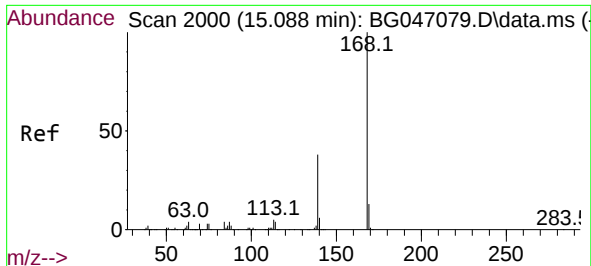
Tgt Ion:138 Resp: 16604
Ion Ratio Lower Upper
138 100
108 9.0 7.4 11.0
92 136.7 85.2 127.8#



#54
2,4-Dinitrophenol
Concen: 5.80 ng
RT: 14.794 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:184 Resp: 8056
Ion Ratio Lower Upper
184 100
63 55.0 32.3 48.5#
154 54.1 40.4 60.6

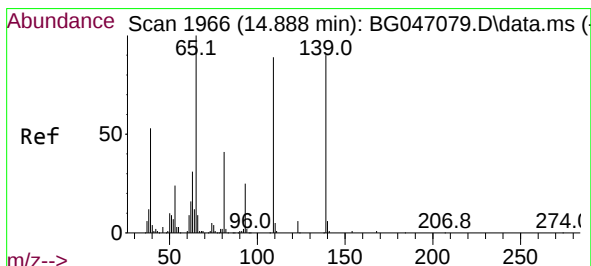
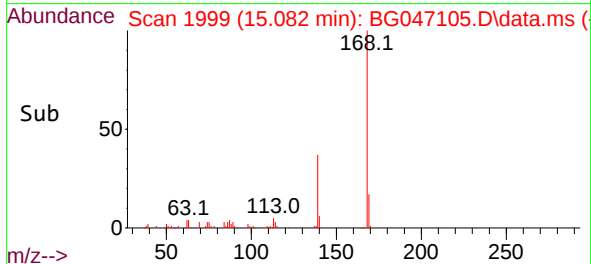
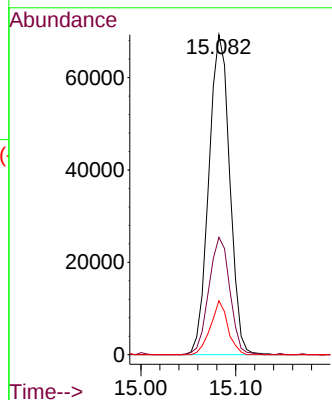
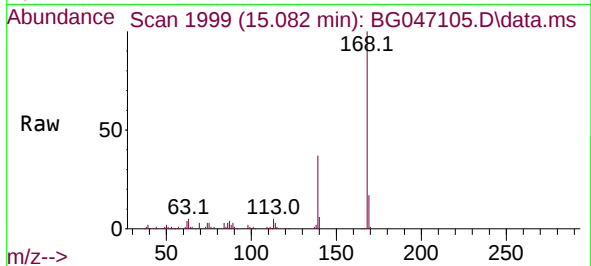




#55
Dibenzenofuran
Concen: 9.15 ng
RT: 15.082 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

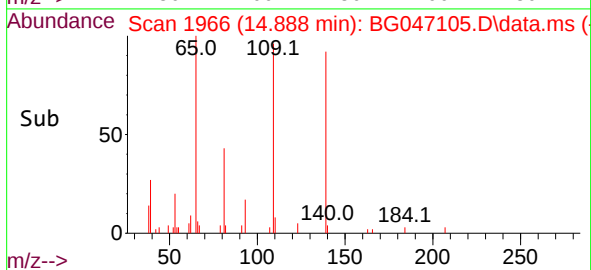
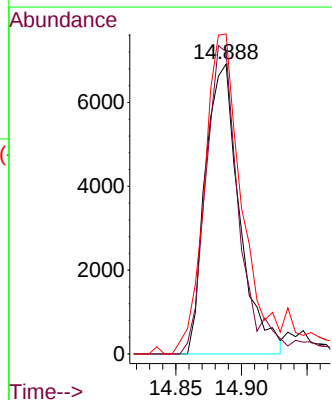
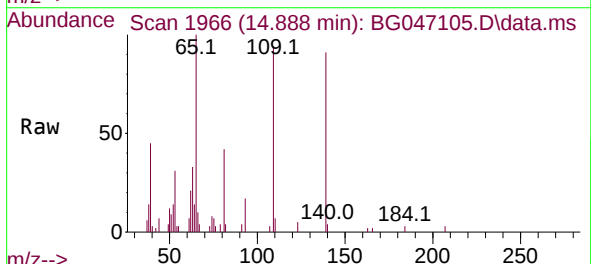
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

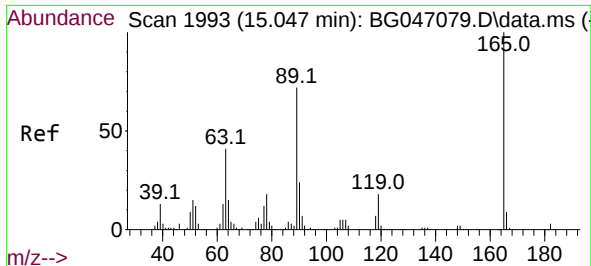
Tgt Ion:168 Resp: 106314
Ion Ratio Lower Upper
168 100
139 36.7 28.6 43.0
169 16.9 11.0 16.6#



#56
4-Nitrophenol
Concen: 7.65 ng
RT: 14.888 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:139 Resp: 12521
Ion Ratio Lower Upper
139 100
109 104.3 45.9 85.9#
65 110.4 65.4 105.4#

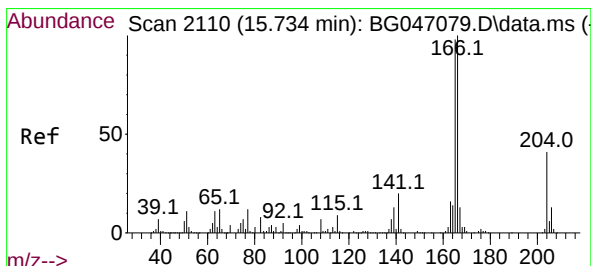
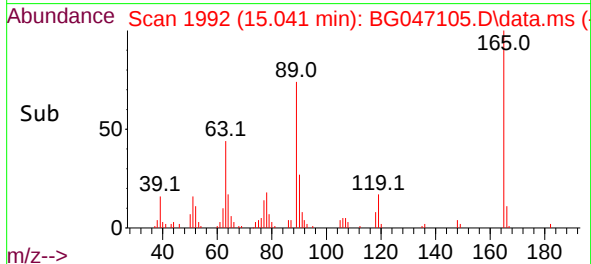
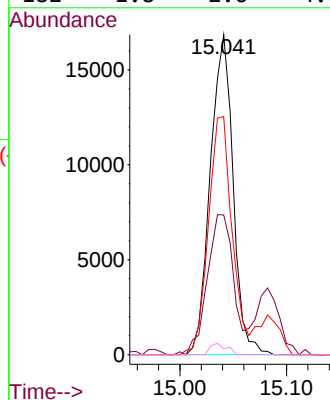
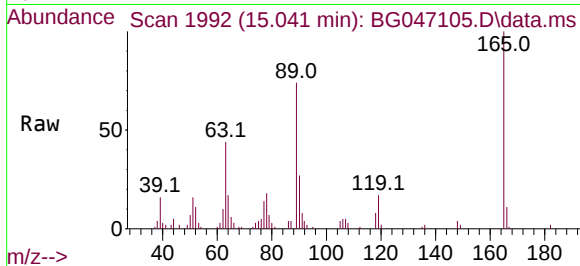




#57
2,4-Dinitrotoluene
Concen: 8.27 ng
RT: 15.041 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

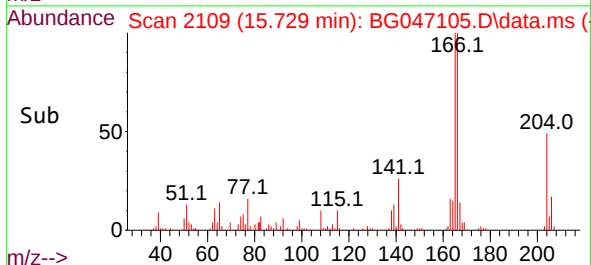
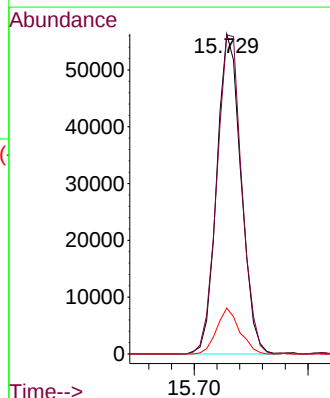
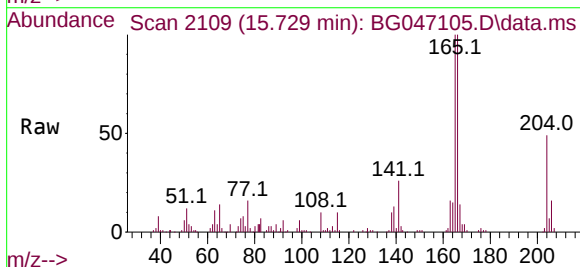
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

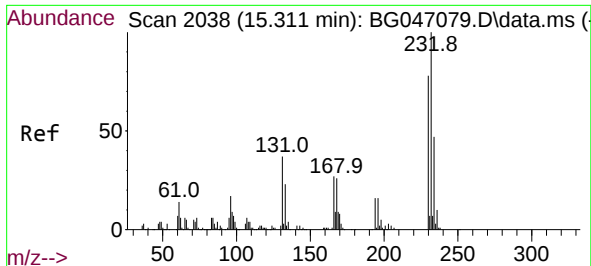
Tgt Ion:165	Resp:	24994
Ion Ratio	Lower	Upper
165	100	
63	43.6	26.4 39.6#
89	74.4	47.8 71.8#
182	1.8	2.6 4.0#



#58
Fluorene
Concen: 8.89 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:166	Resp:	83398
Ion Ratio	Lower	Upper
166	100	
165	99.7	77.2 115.8
167	14.4	11.4 17.2

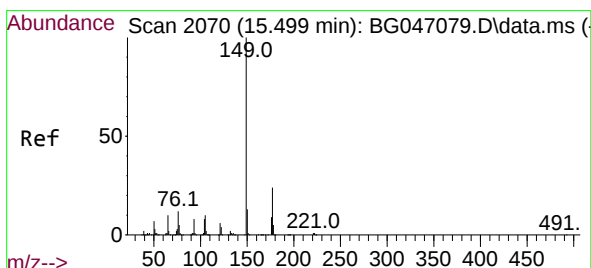
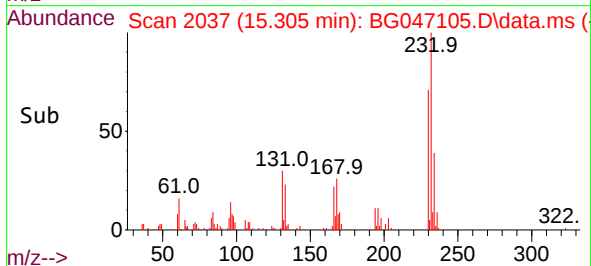
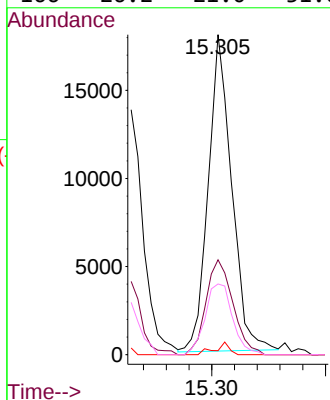
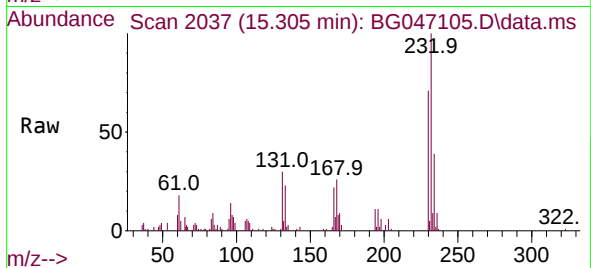




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.17 ng
RT: 15.305 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

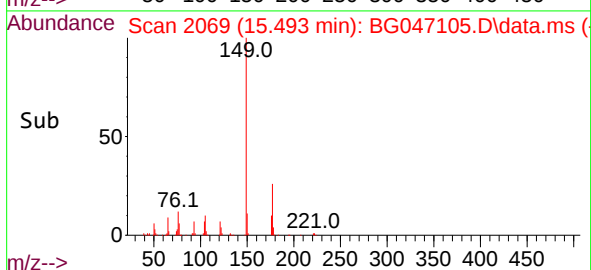
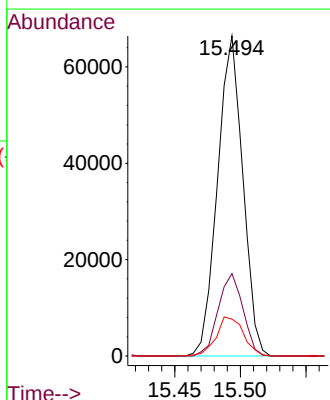
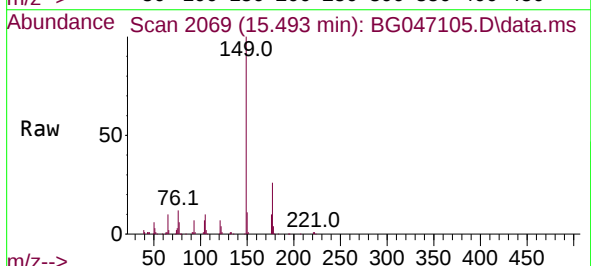
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

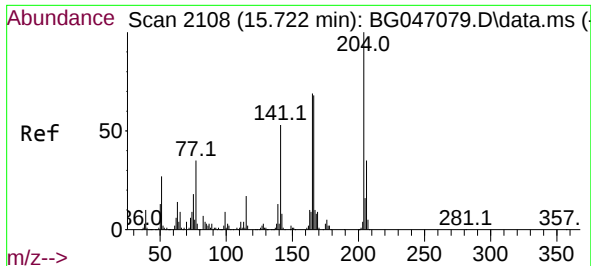
Tgt Ion:	232	Resp:	25711
Ion Ratio	Lower	Upper	
232	100		
131	34.4	26.6	40.0
130	2.4	1.4	2.0#
166	26.2	21.0	31.6



#60
Diethylphthalate
Concen: 8.83 ng
RT: 15.493 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:	149	Resp:	88849
Ion Ratio	Lower	Upper	
149	100		
177	25.8	21.4	32.2
150	11.5	10.7	16.1

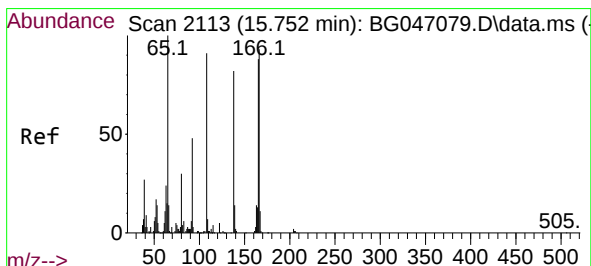
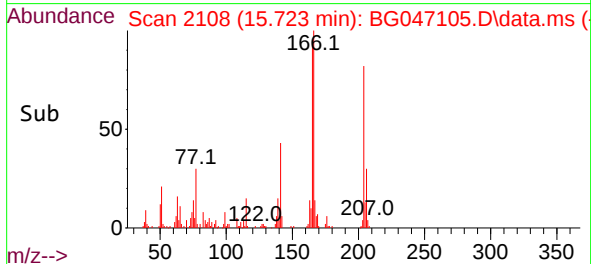
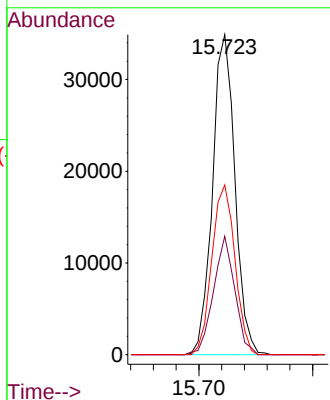
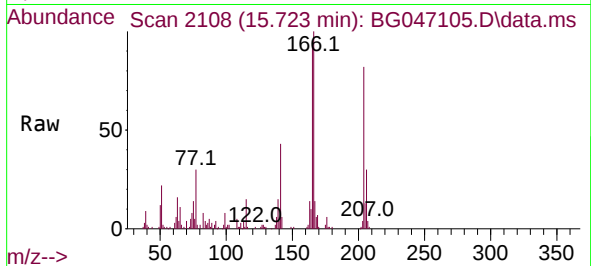




#61
4-Chlorophenyl-phenylether
Concen: 8.54 ng
RT: 15.723 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

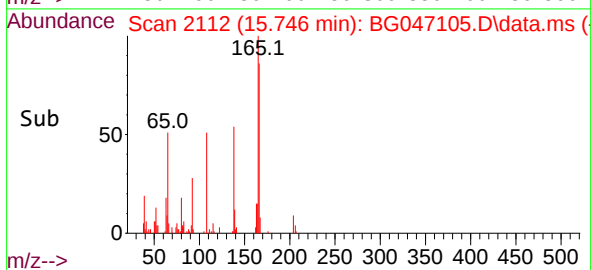
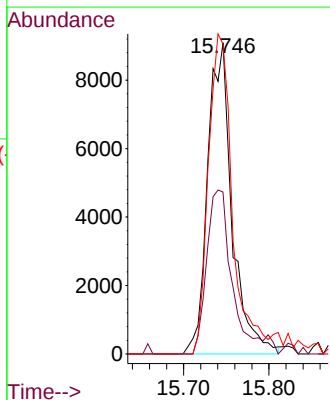
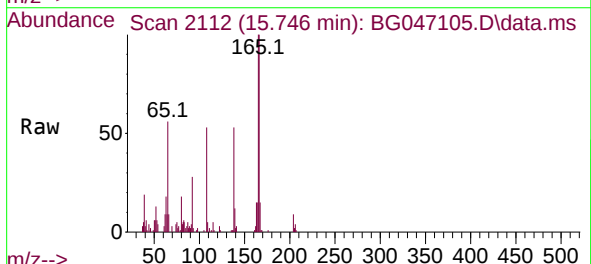
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

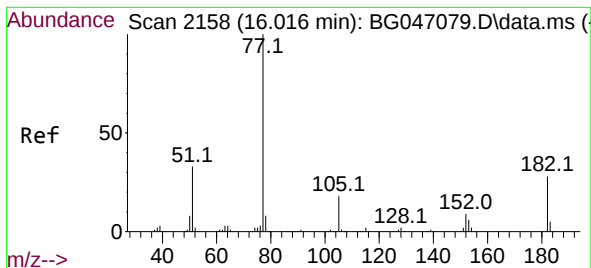
Tgt Ion:204 Resp: 47777
Ion Ratio Lower Upper
204 100
206 37.0 27.8 41.8
141 53.0 41.5 62.3



#62
4-Nitroaniline
Concen: 8.03 ng
RT: 15.746 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:138 Resp: 18039
Ion Ratio Lower Upper
138 100
92 52.0 26.9 66.9
108 99.6 49.4 89.4#

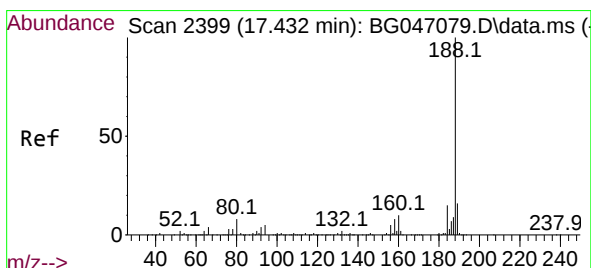
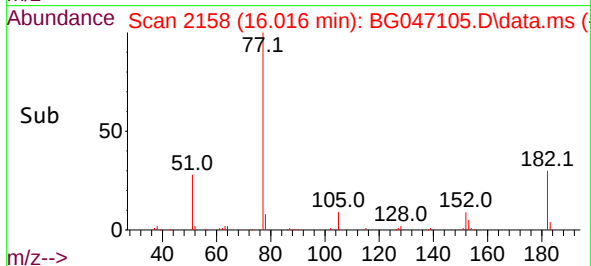
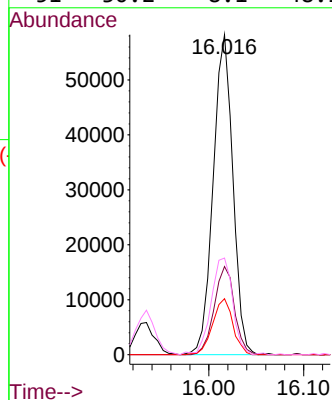
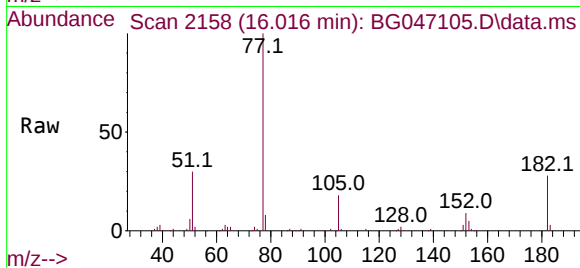




#63
Azobenzene
Concen: 9.38 ng
RT: 16.016 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

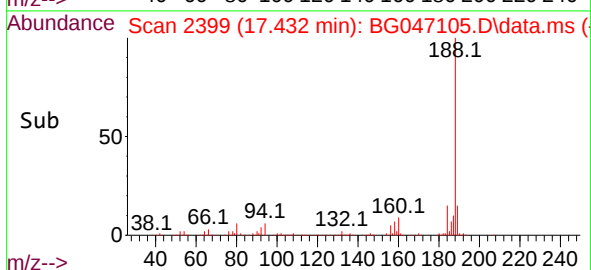
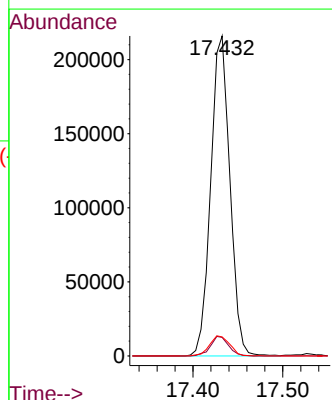
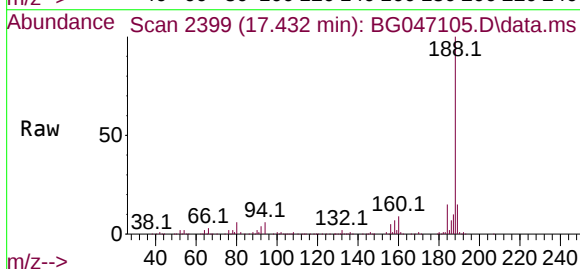
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

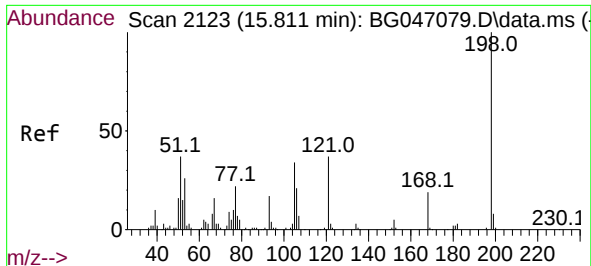
Tgt Ion: 77	Resp: 83866
Ion Ratio	Lower Upper
77 100	
182 27.5	14.0 54.0
105 17.5	3.0 43.0
51 30.2	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.432 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:188	Resp: 320336
Ion Ratio	Lower Upper
188 100	
94 5.8	6.3 9.5#
80 5.9	7.0 10.6#

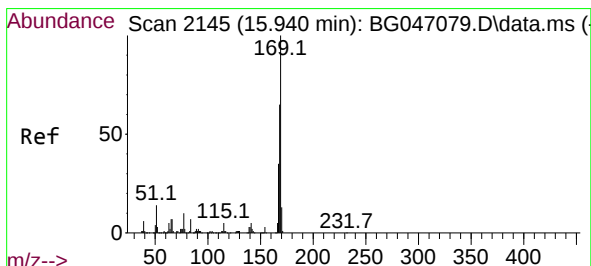
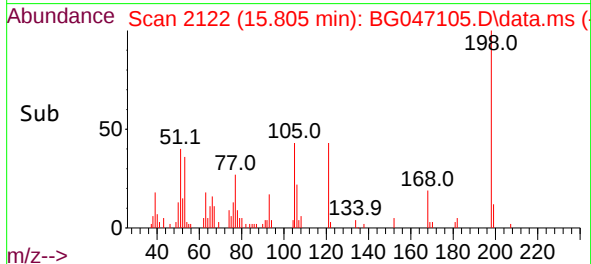
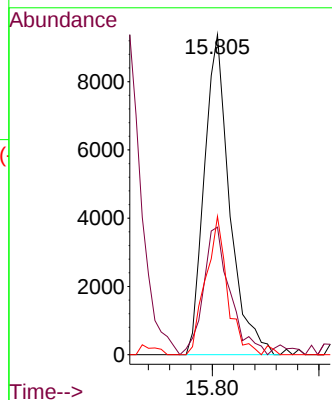
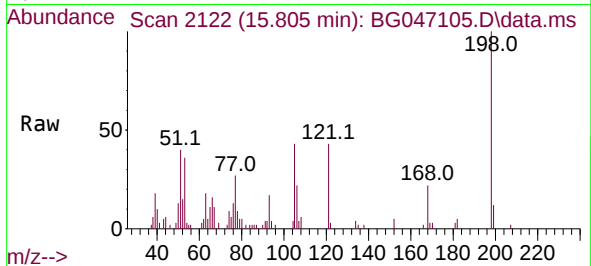




#65
4,6-Dinitro-2-methylphenol
Concen: 7.84 ng
RT: 15.805 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

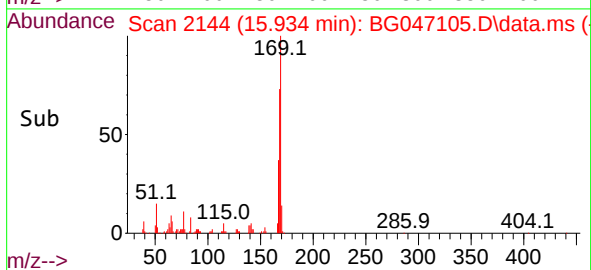
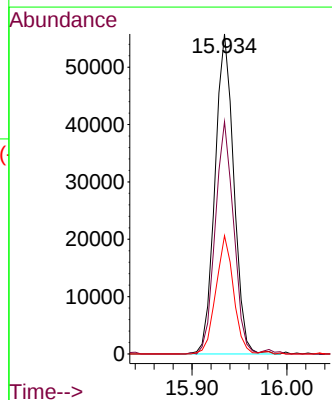
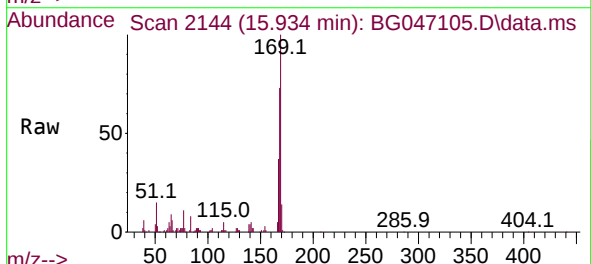
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

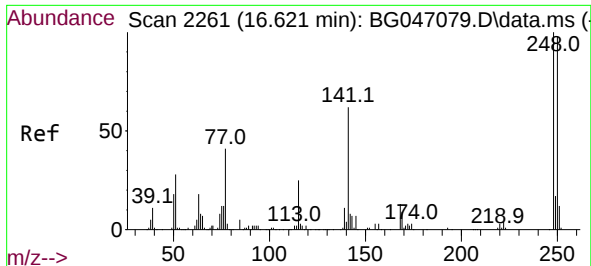
Tgt Ion:198 Resp: 15454
Ion Ratio Lower Upper
198 100
51 39.8 10.4 50.4
105 43.2 12.9 52.9



#66
n-Nitrosodiphenylamine
Concen: 8.36 ng
RT: 15.934 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:169 Resp: 76837
Ion Ratio Lower Upper
169 100
168 72.6 55.5 83.3
167 36.9 30.5 45.7

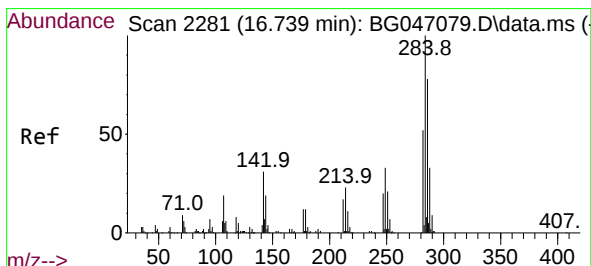
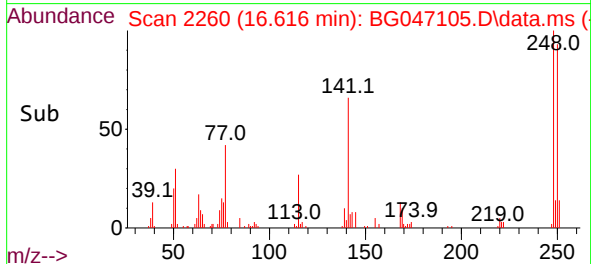
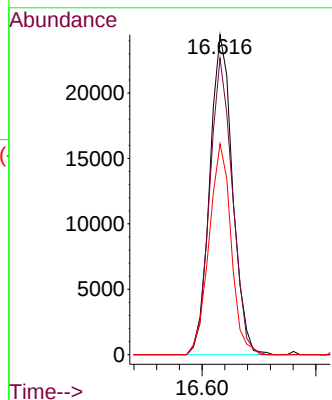
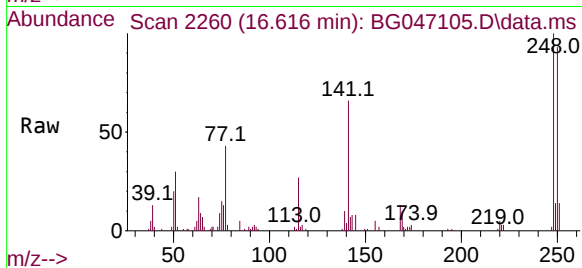




#67
4-Bromophenyl-phenylether
Concen: 8.07 ng
RT: 16.616 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

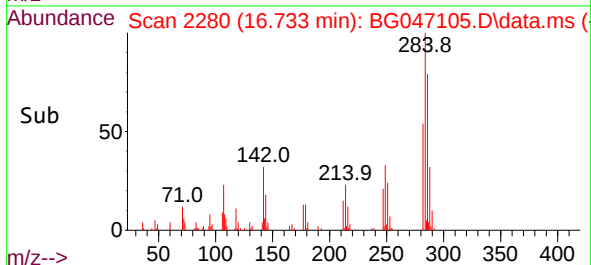
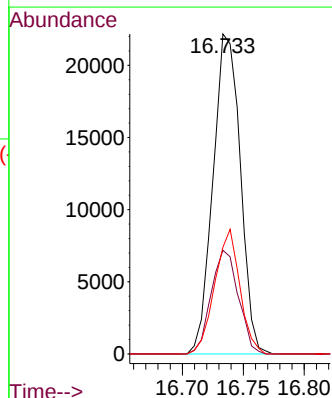
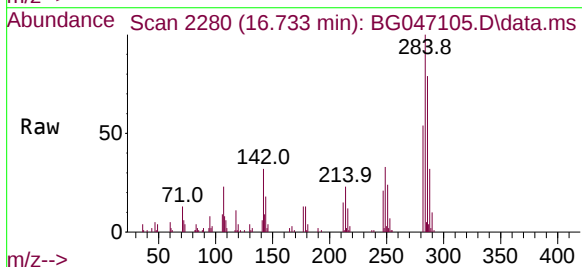
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

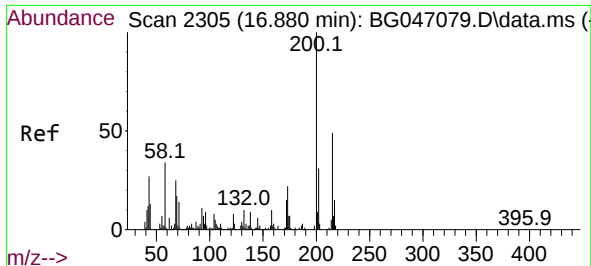
Tgt Ion:248 Resp: 34001
Ion Ratio Lower Upper
248 100
250 92.6 78.9 118.3
141 65.9 46.2 69.4



#68
Hexachlorobenzene
Concen: 7.76 ng
RT: 16.733 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:284 Resp: 34502
Ion Ratio Lower Upper
284 100
142 32.4 21.1 31.7#
249 33.4 25.9 38.9

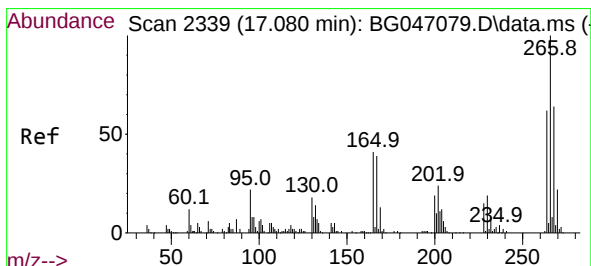
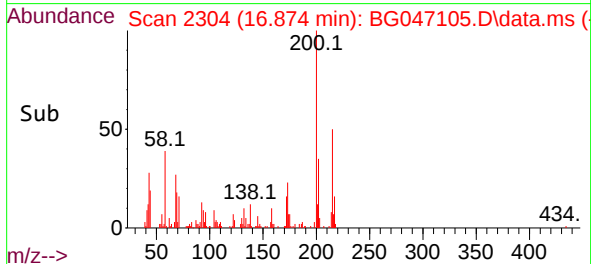
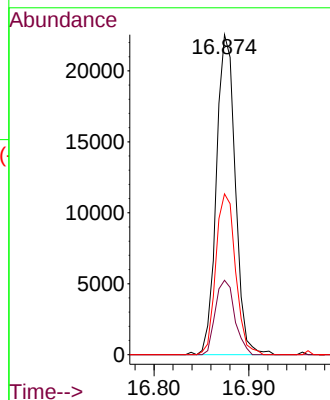
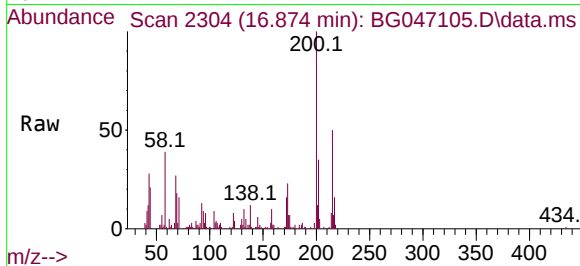




#69
Atrazine
Concen: 8.25 ng
RT: 16.874 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

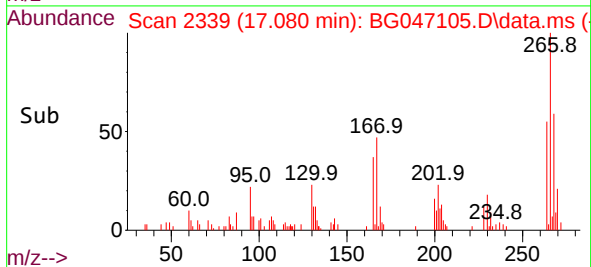
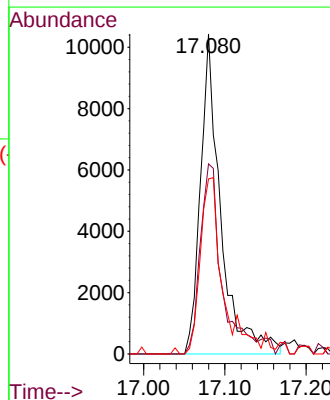
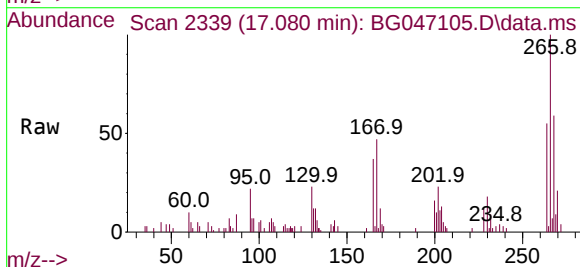
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

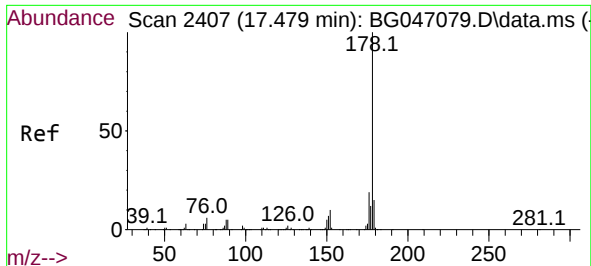
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.2	44.2
215	50.2	30.0	70.0



#70
Pentachlorophenol
Concen: 6.98 ng
RT: 17.080 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.4	49.8	74.6
264	54.7	49.3	73.9

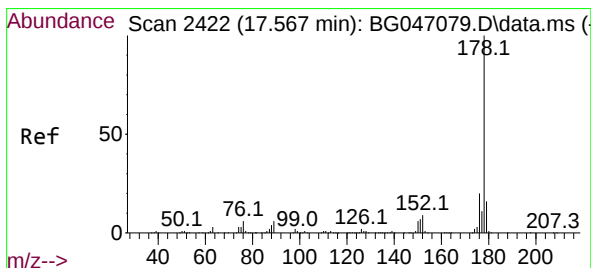
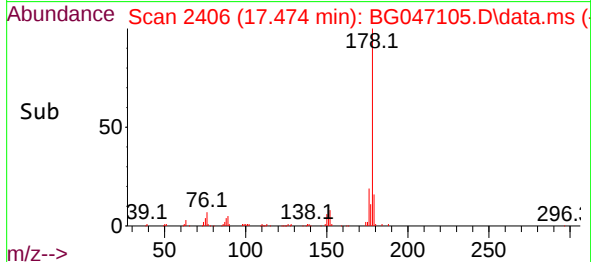
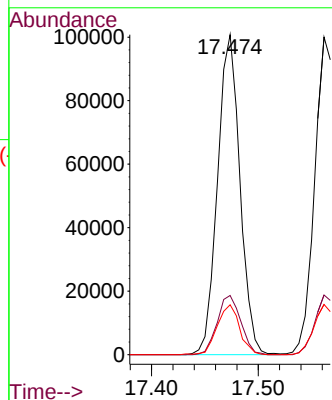
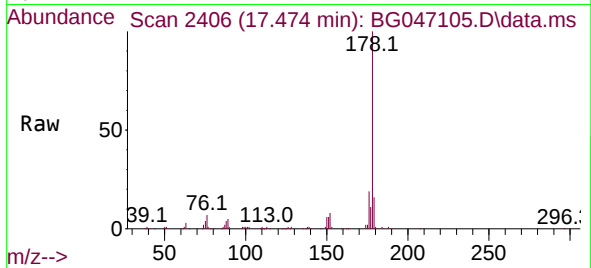




#71
Phenanthrene
Concen: 8.58 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

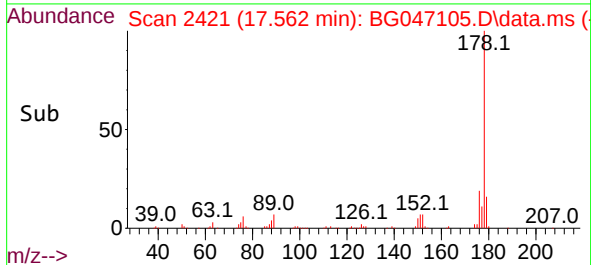
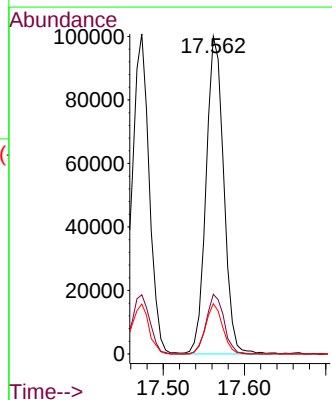
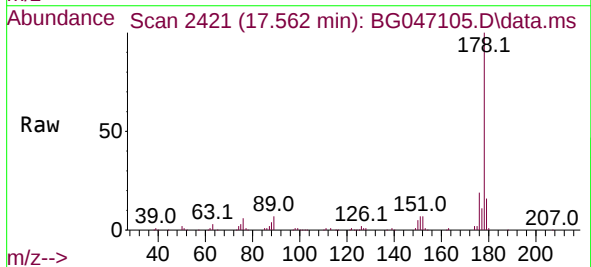
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

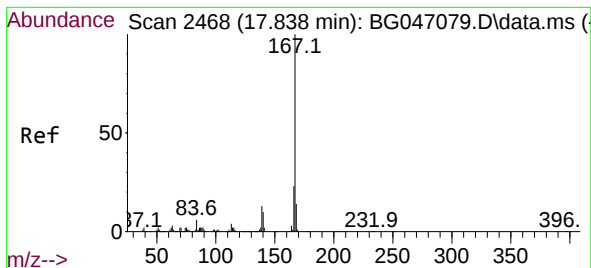
Tgt Ion:178 Resp: 146867
Ion Ratio Lower Upper
178 100
176 18.5 16.7 25.1
179 15.6 14.0 21.0



#72
Anthracene
Concen: 8.97 ng
RT: 17.562 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:178 Resp: 150382
Ion Ratio Lower Upper
178 100
176 18.8 16.4 24.6
179 15.8 13.8 20.6

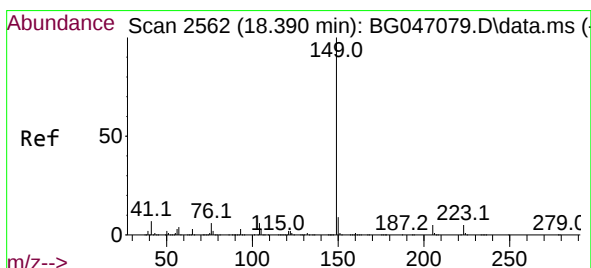
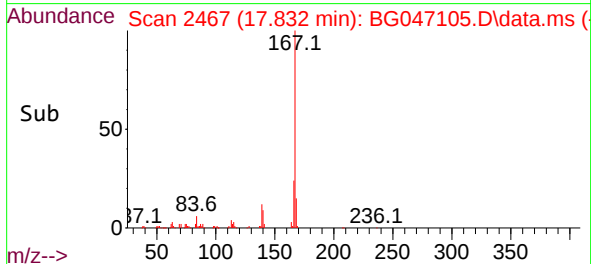
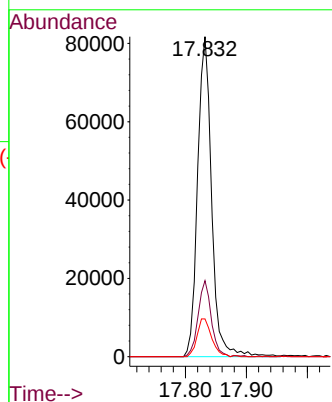
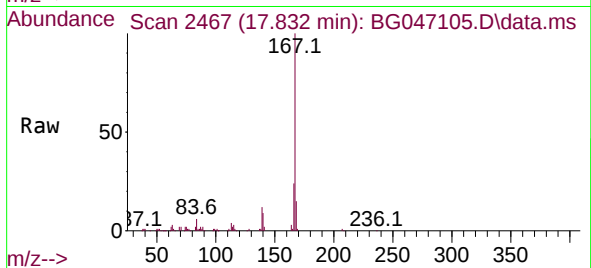




#73
 Carbazole
 Concen: 8.77 ng
 RT: 17.832 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BG047105.D
 Acq: 28 Oct 2020 12:45

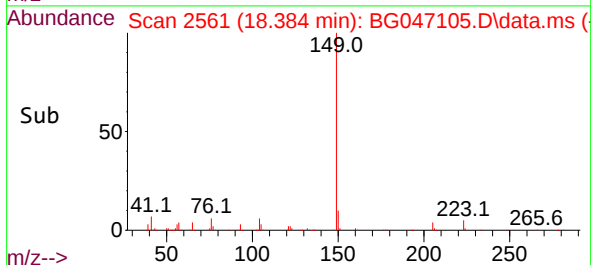
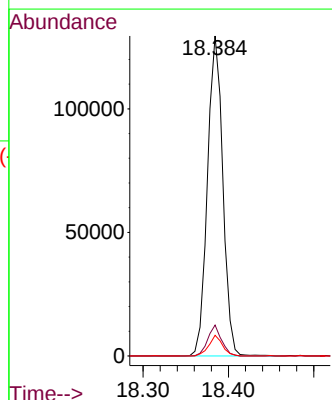
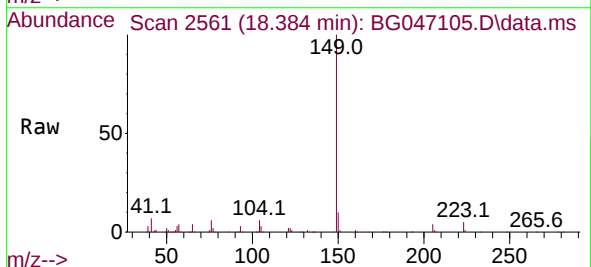
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

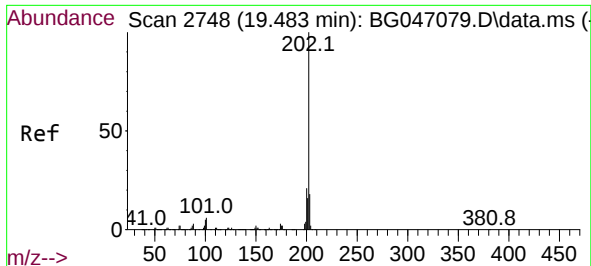
Tgt Ion:167 Resp: 130797
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.7 28.1
 139 11.8 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 8.78 ng
 RT: 18.384 min Scan# 2561
 Delta R.T. -0.006 min
 Lab File: BG047105.D
 Acq: 28 Oct 2020 12:45

Tgt Ion:149 Resp: 161844
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.4
 104 6.5 3.8 5.8#

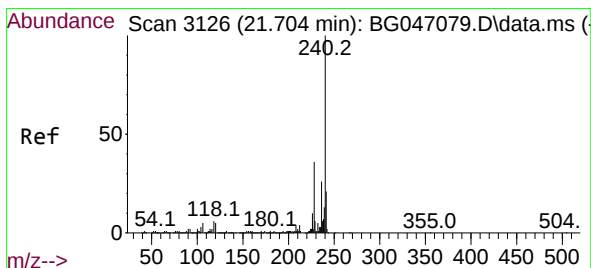
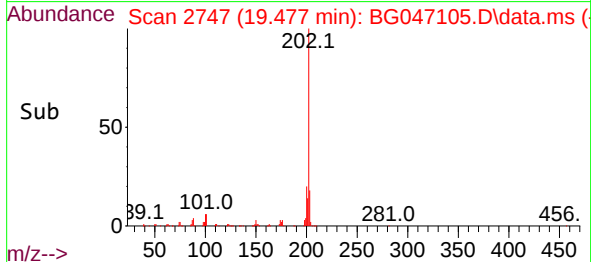
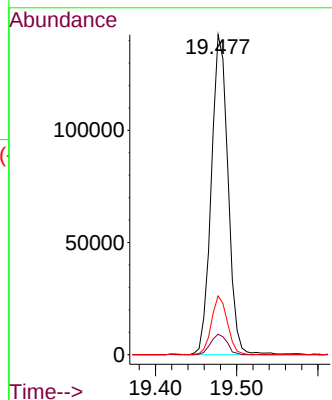
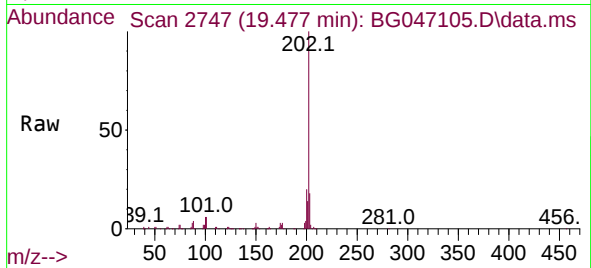




#75
Fluoranthene
Concen: 9.26 ng
RT: 19.477 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

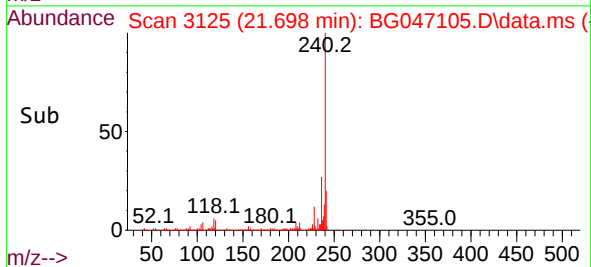
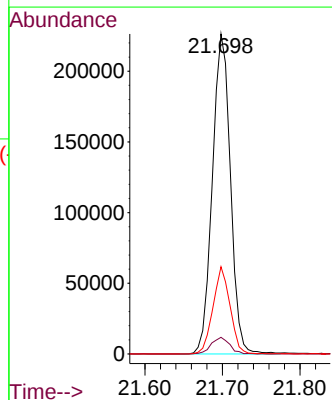
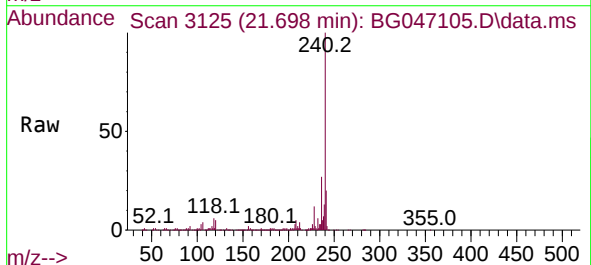
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

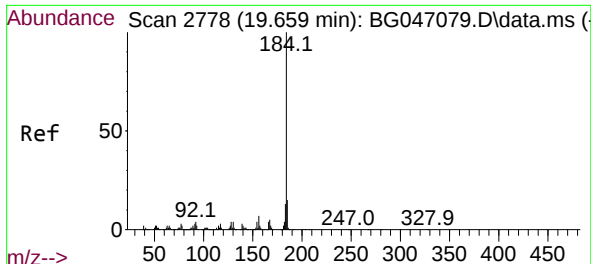
Tgt Ion:202 Resp: 203663
Ion Ratio Lower Upper
202 100
101 6.4 0.0 29.7
203 18.4 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.698 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:240 Resp: 366642
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 27.2 20.5 30.7

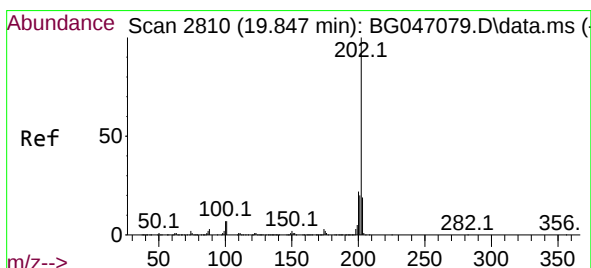
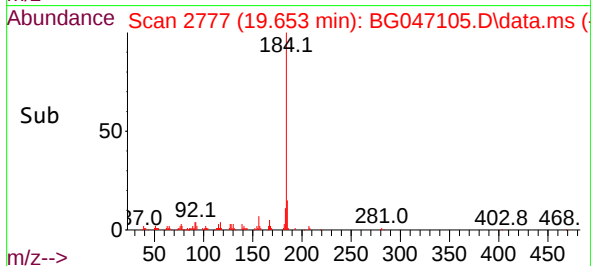
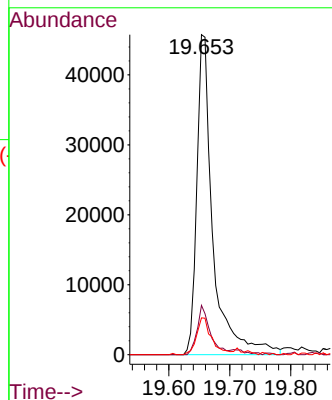
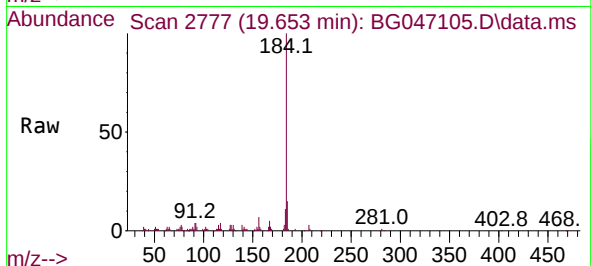




#77
Benzidine
Concen: 10.01 ng
RT: 19.653 min Scan# 2777
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

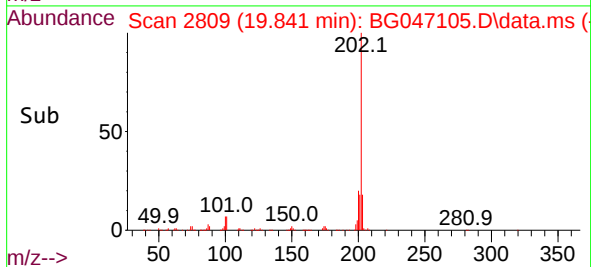
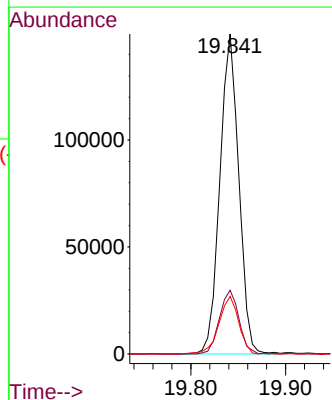
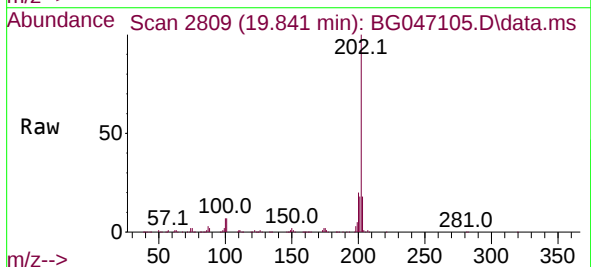
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

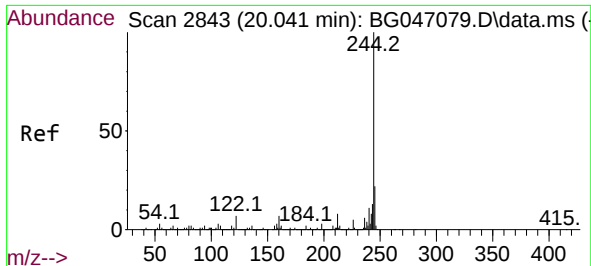
Tgt Ion:184 Resp: 83840
Ion Ratio Lower Upper
184 100
185 15.4 12.4 18.6
183 11.5 10.6 15.8



#78
Pyrene
Concen: 8.89 ng
RT: 19.841 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:202 Resp: 207736
Ion Ratio Lower Upper
202 100
200 19.9 18.6 27.8
203 18.0 15.3 22.9

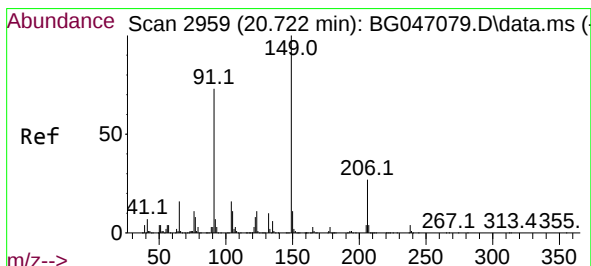
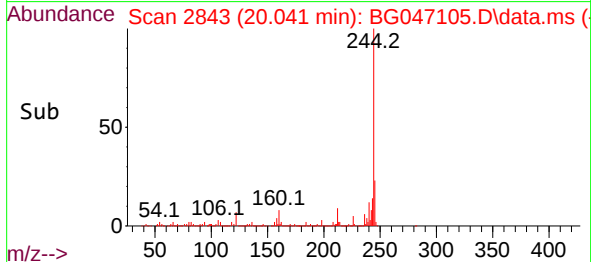
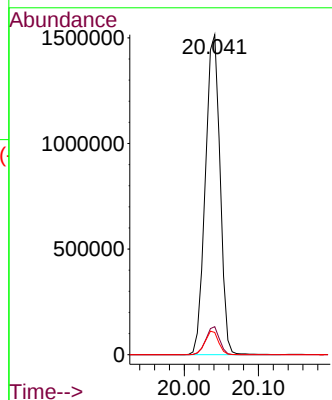
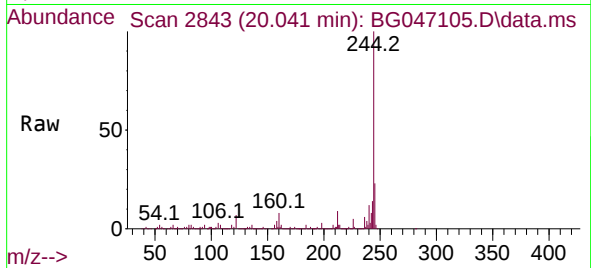




#79
Terphenyl-d14
Concen: 110.49 ng
RT: 20.041 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

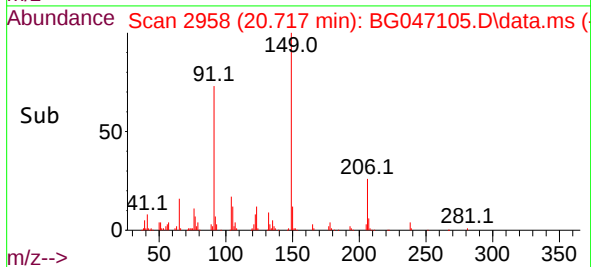
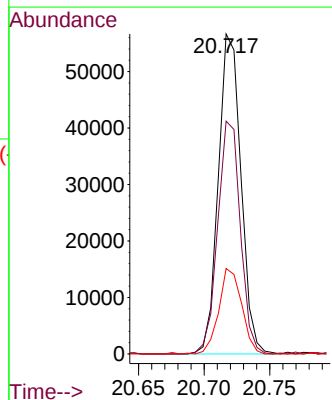
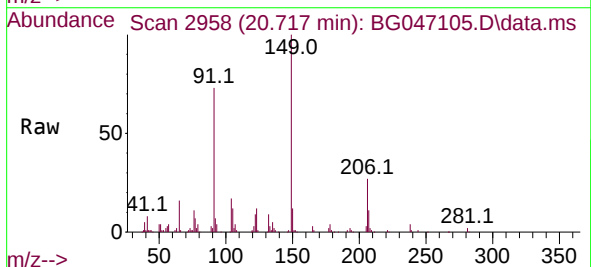
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

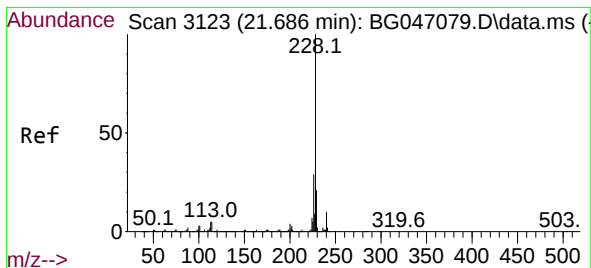
Tgt Ion:244 Resp: 2083375
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 7.0 7.8 11.6#



#80
Butylbenzylphthalate
Concen: 7.57 ng
RT: 20.717 min Scan# 2958
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:149 Resp: 67825
Ion Ratio Lower Upper
149 100
91 72.7 51.5 77.3
206 26.7 21.2 31.8



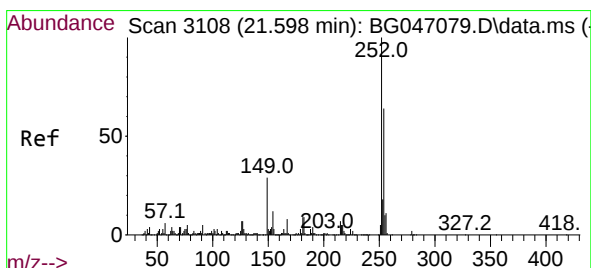
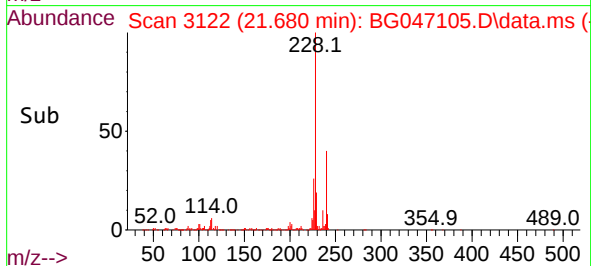
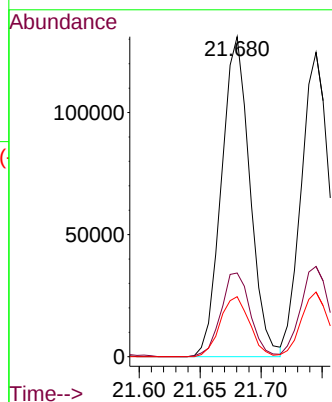
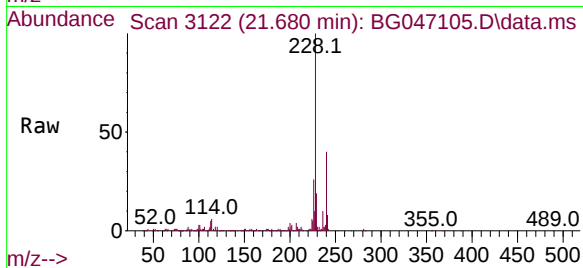


#81
Benzo(a)anthracene
Concen: 8.85 ng
RT: 21.680 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

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

Tgt Ion:228 Resp: 212699

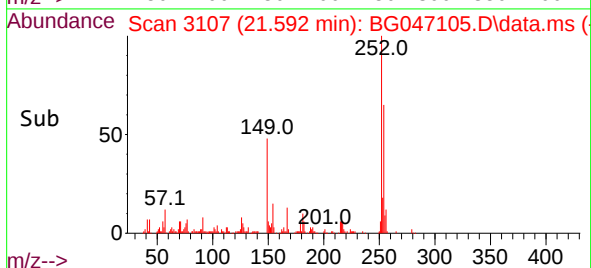
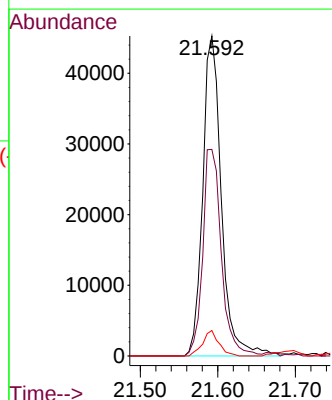
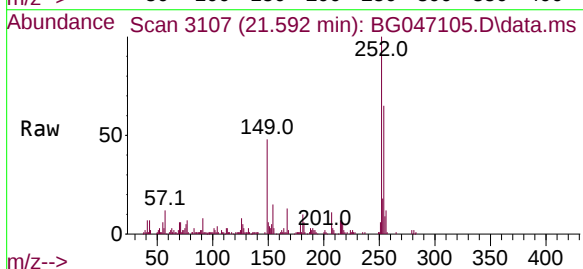
Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.3	34.9
229	18.8	17.4	26.0

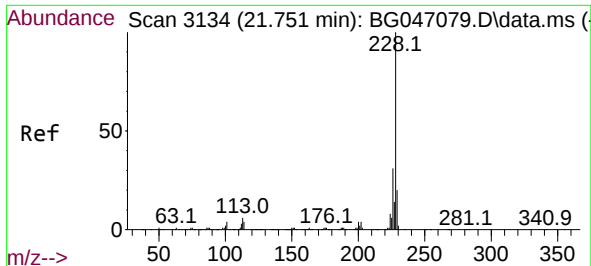


#82
3,3'-Dichlorobenzidine
Concen: 8.68 ng
RT: 21.592 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:252 Resp: 75607

Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.2	79.8
126	8.0	6.8	10.2

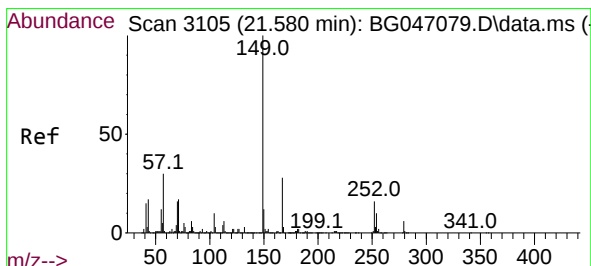
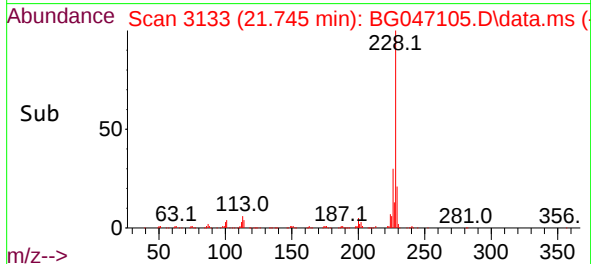
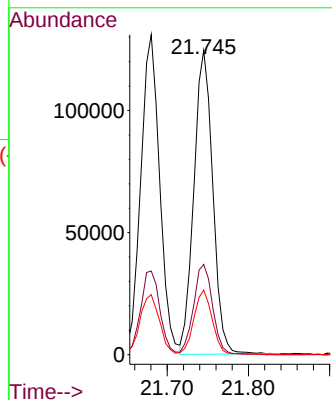
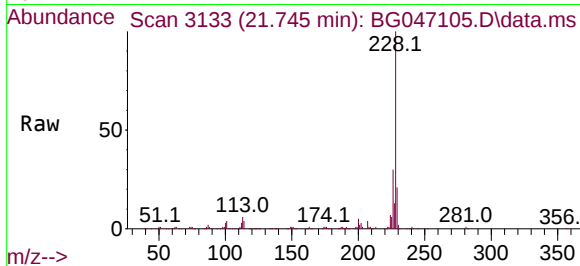




#83
Chrysene
Concen: 8.80 ng
RT: 21.745 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

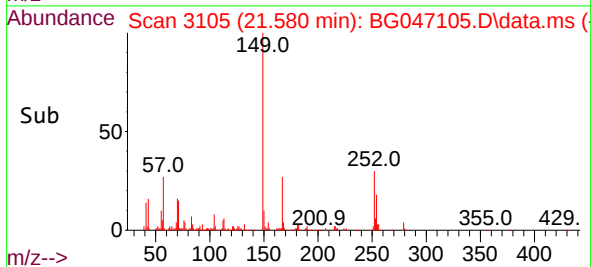
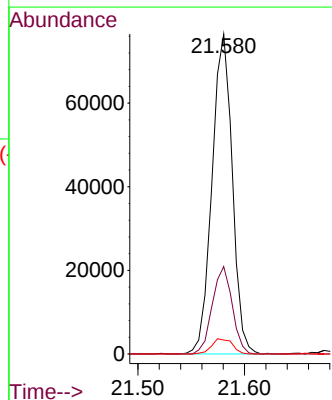
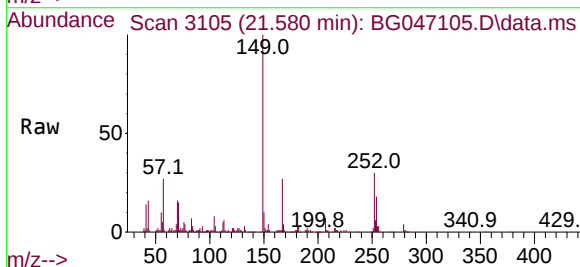
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

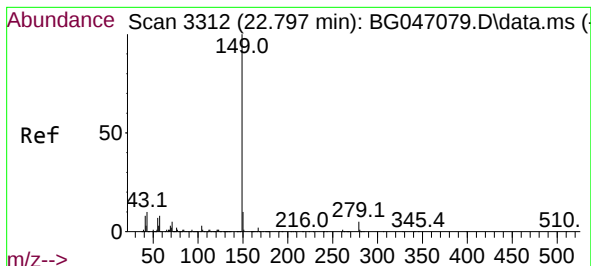
Tgt Ion:228 Resp: 201212
Ion Ratio Lower Upper
228 100
226 29.7 25.0 37.4
229 21.2 17.3 25.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.99 ng
RT: 21.580 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:149 Resp: 100822
Ion Ratio Lower Upper
149 100
167 27.3 24.8 37.2
279 4.3 4.6 7.0#

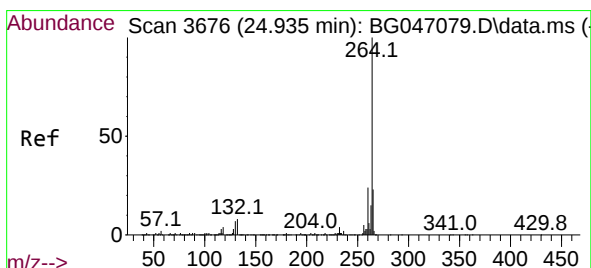
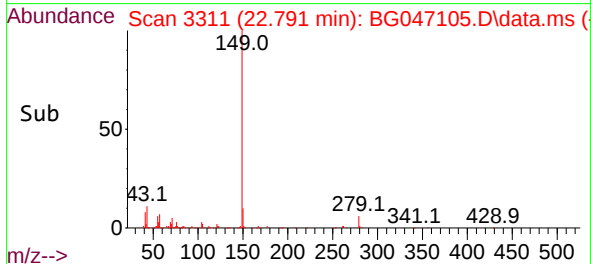
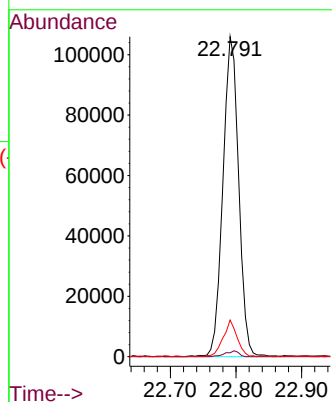
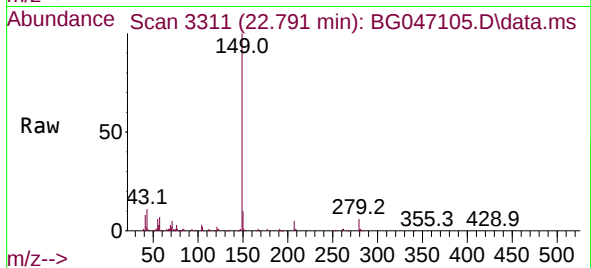




#85
Di-n-octyl phthalate
Concen: 8.30 ng
RT: 22.791 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

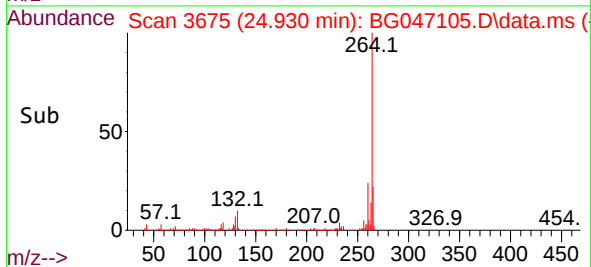
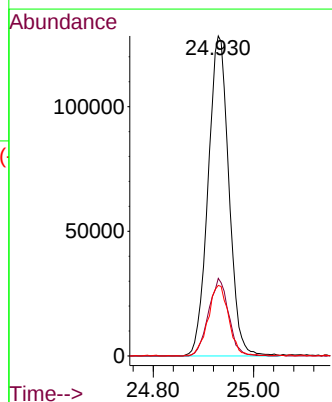
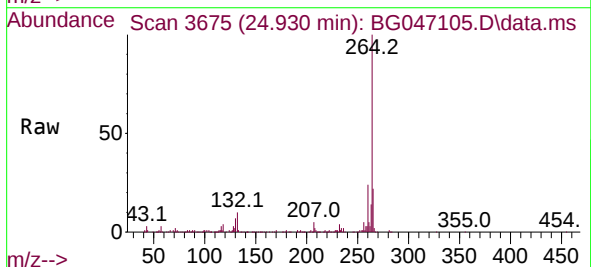
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

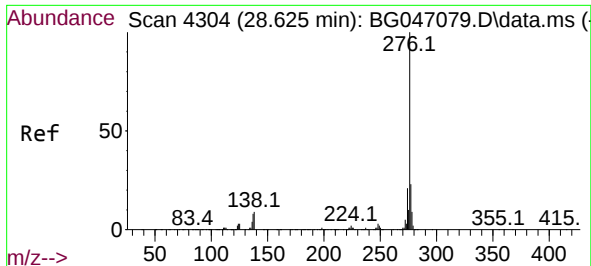
Tgt Ion:149 Resp: 176115
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.2
43 10.2 6.8 10.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.006 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:264 Resp: 368338
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.1 17.8 26.8

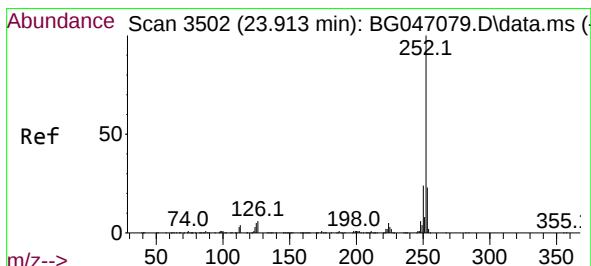
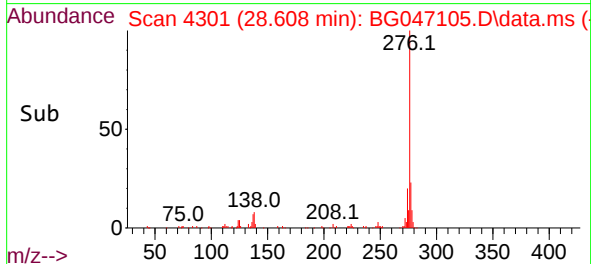
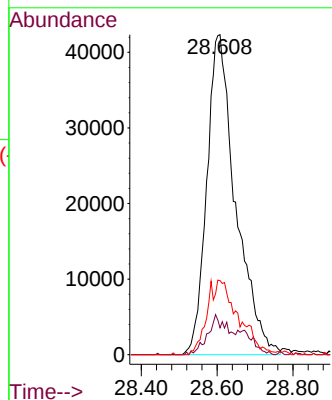
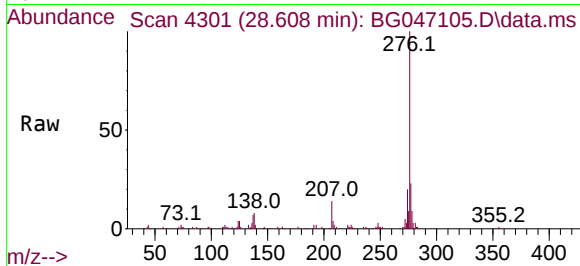




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.32 ng
 RT: 28.608 min Scan# 4301
 Delta R.T. -0.017 min
 Lab File: BG047105.D
 Acq: 28 Oct 2020 12:45

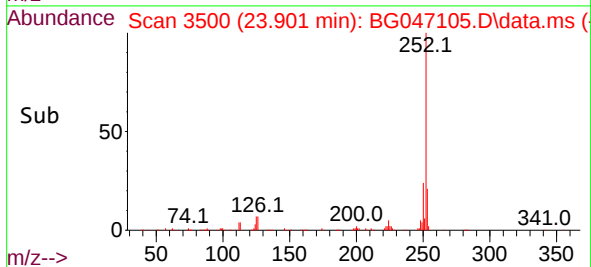
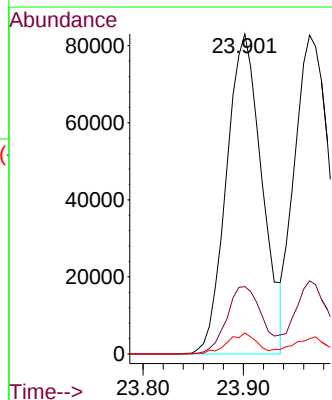
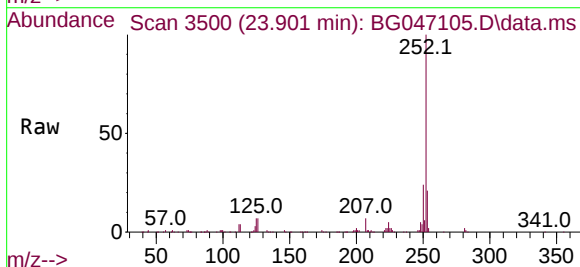
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

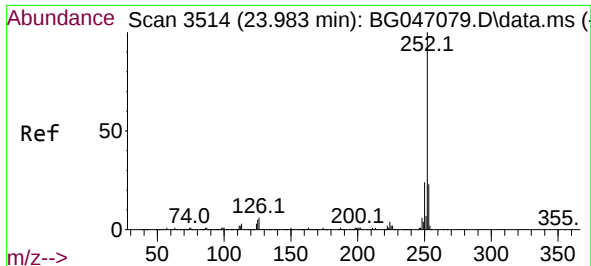
Tgt Ion:276 Resp: 223882
 Ion Ratio Lower Upper
 276 100
 138 5.2 16.2 24.2#
 277 16.6 20.3 30.5#



#88
 Benzo(b)fluoranthene
 Concen: 8.51 ng
 RT: 23.901 min Scan# 3500
 Delta R.T. -0.012 min
 Lab File: BG047105.D
 Acq: 28 Oct 2020 12:45

Tgt Ion:252 Resp: 204889
 Ion Ratio Lower Upper
 252 100
 253 21.1 18.7 28.1
 125 6.6 6.5 9.7

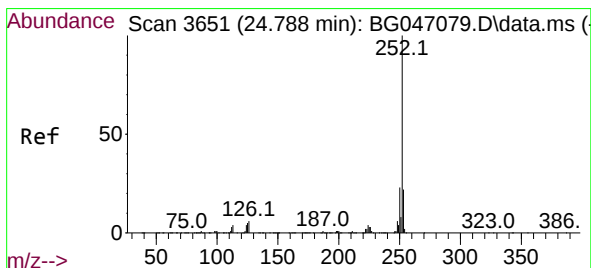
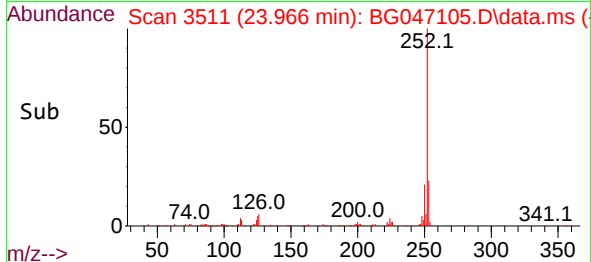
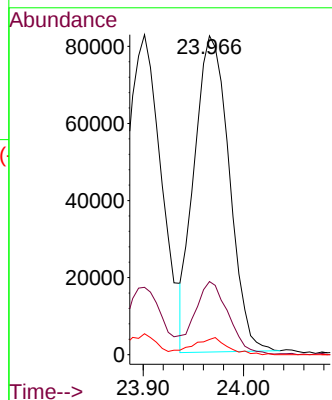
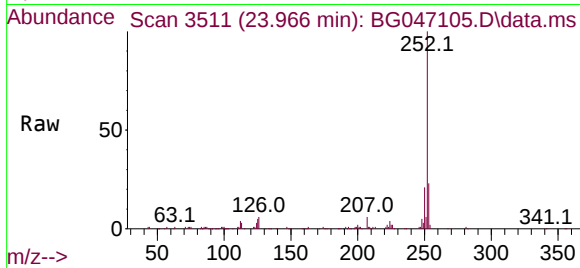




#89
Benzo(k)fluoranthene
Concen: 8.49 ng
RT: 23.966 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

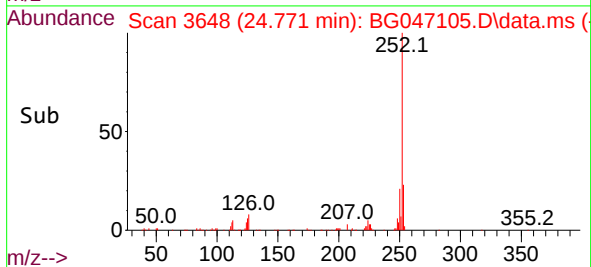
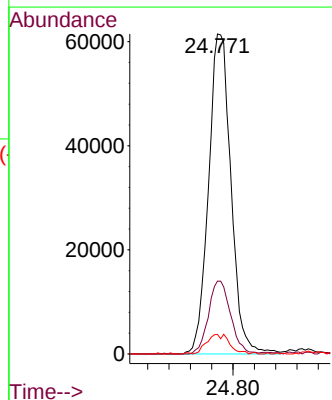
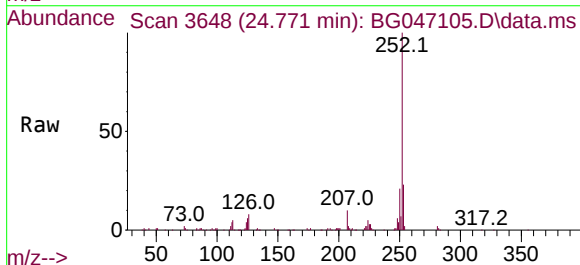
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

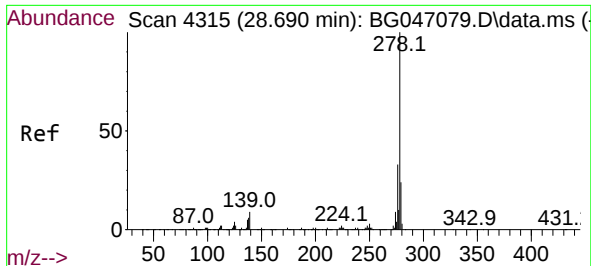
Tgt Ion:252 Resp: 198525
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 4.8 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 7.99 ng
RT: 24.771 min Scan# 3648
Delta R.T. -0.017 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

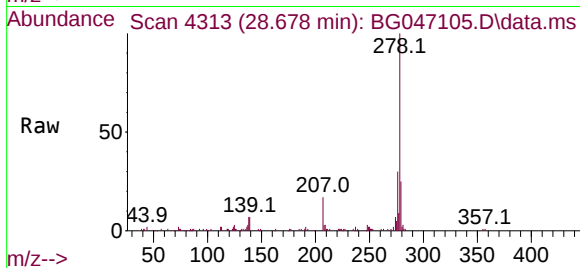
Tgt Ion:252 Resp: 179685
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 6.1 7.0 10.4#



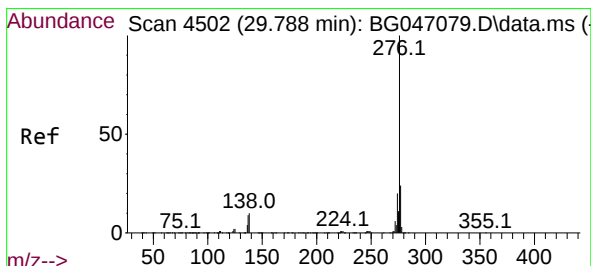
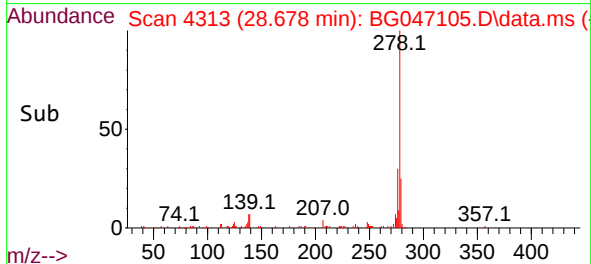
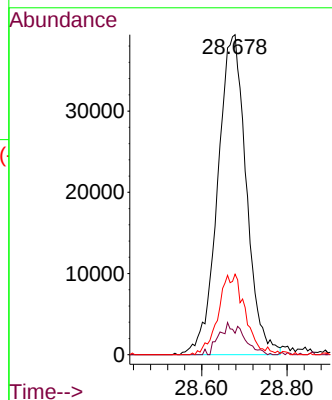


#91
Dibenzo(a,h)anthracene
Concen: 8.37 ng
RT: 28.678 min Scan# 4313
Delta R.T. -0.012 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

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



Tgt Ion:278 Resp: 182924
Ion Ratio Lower Upper
278 100
139 6.7 10.5 15.7#
279 25.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 8.65 ng
RT: 29.759 min Scan# 4497
Delta R.T. -0.029 min
Lab File: BG047105.D
Acq: 28 Oct 2020 12:45

Tgt Ion:276 Resp: 187842
Ion Ratio Lower Upper
276 100
277 24.9 19.6 29.4
138 10.1 13.4 20.2#

