

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
 Data File : BG047104.D
 Acq On : 28 Oct 2020 12:04
 Operator : CG/JU
 Sample : L4214-03
 Misc : MDL-MDL-SOIL 4PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 28 12:54:05 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	8.056	152	39905	20.00	ng	0.00
21) Naphthalene-d8	10.871	136	147067	20.00	ng	# 0.00
39) Acenaphthene-d10	14.684	164	102309	20.00	ng	0.00
64) Phenanthrene-d10	17.434	188	263460	20.00	ng	# 0.00
76) Chrysene-d12	21.699	240	351042	20.00	ng	# 0.00
86) Perylene-d12	24.937	264	351991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	374046	166.16	ng	0.00
7) Phenol-d6	7.210	99	516371	158.62	ng	0.00
23) Nitrobenzene-d5	9.220	82	377042	122.77	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	274180	167.20	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	904114	124.94	ng	0.00
79) Terphenyl-d14	20.042	244	2017289	111.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.503	88	5105	5.02	ng	93
3) Pyridine	3.908	79	11838	4.29	ng	# 86
4) n-Nitrosodimethylamine	3.820	42	6967	4.76	ng	# 64
6) Aniline	7.375	93	17563	4.56	ng	93
8) 2-Chlorophenol	7.622	128	10694	4.47	ng	89
9) Benzaldehyde	7.187	77	12397	6.80	ng	86
10) Phenol	7.240	94	13544	4.41	ng	78
11) bis(2-Chloroethyl)ether	7.469	93	11688	4.83	ng	92
12) 1,3-Dichlorobenzene	7.945	146	13168	4.32	ng	# 87
13) 1,4-Dichlorobenzene	8.086	146	12483	4.05	ng	91
14) 1,2-Dichlorobenzene	8.409	146	12042	4.13	ng	99
15) Benzyl Alcohol	8.291	79	10637	4.19	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.568	45	16274	4.25	ng	95
17) 2-Methylphenol	8.491	107	8674	4.10	ng	# 90
18) Hexachloroethane	9.149	117	5093	4.42	ng	# 79
19) n-Nitroso-di-n-propyla...	8.850	70	9008	4.06	ng	# 98
20) 3+4-Methylphenols	8.826	107	12215	4.29	ng	93
22) Acetophenone	8.879	105	18516	4.67	ng	# 95
24) Nitrobenzene	9.267	77	15085	4.73	ng	# 82
25) Isophorone	9.784	82	26016	4.74	ng	99
26) 2-Nitrophenol	9.978	139	5588	4.04	ng	# 93
27) 2,4-Dimethylphenol	10.031	122	8773	4.64	ng	# 79
28) bis(2-Chloroethoxy)met...	10.266	93	14126	4.16	ng	# 91
29) 2,4-Dichlorophenol	10.512	162	10378	3.99	ng	99
30) 1,2,4-Trichlorobenzene	10.730	180	14247	4.44	ng	90
31) Naphthalene	10.918	128	35878	4.66	ng	99
32) Benzoic acid	10.125	122	335	0.22	ng	# 47
33) 4-Chloroaniline	11.029	127	12602	3.77	ng	97
34) Hexachlorobutadiene	11.206	225	10695	4.45	ng	86
35) Caprolactam	11.764	113	3358	3.88	ng	91
36) 4-Chloro-3-methylphenol	12.134	107	10370	3.84	ng	96
37) 2-Methylnaphthalene	12.522	142	25630	4.29	ng	# 89
38) 1-Methylnaphthalene	12.522	142	25630	4.53	ng	95
40) 1,2,4,5-Tetrachloroben...	12.886	216	18389	4.92	ng	99
41) Hexachlorocyclopentadiene	12.868	237	7903	3.87	ng	94
43) 2,4,6-Trichlorophenol	13.127	196	9484	3.89	ng	97

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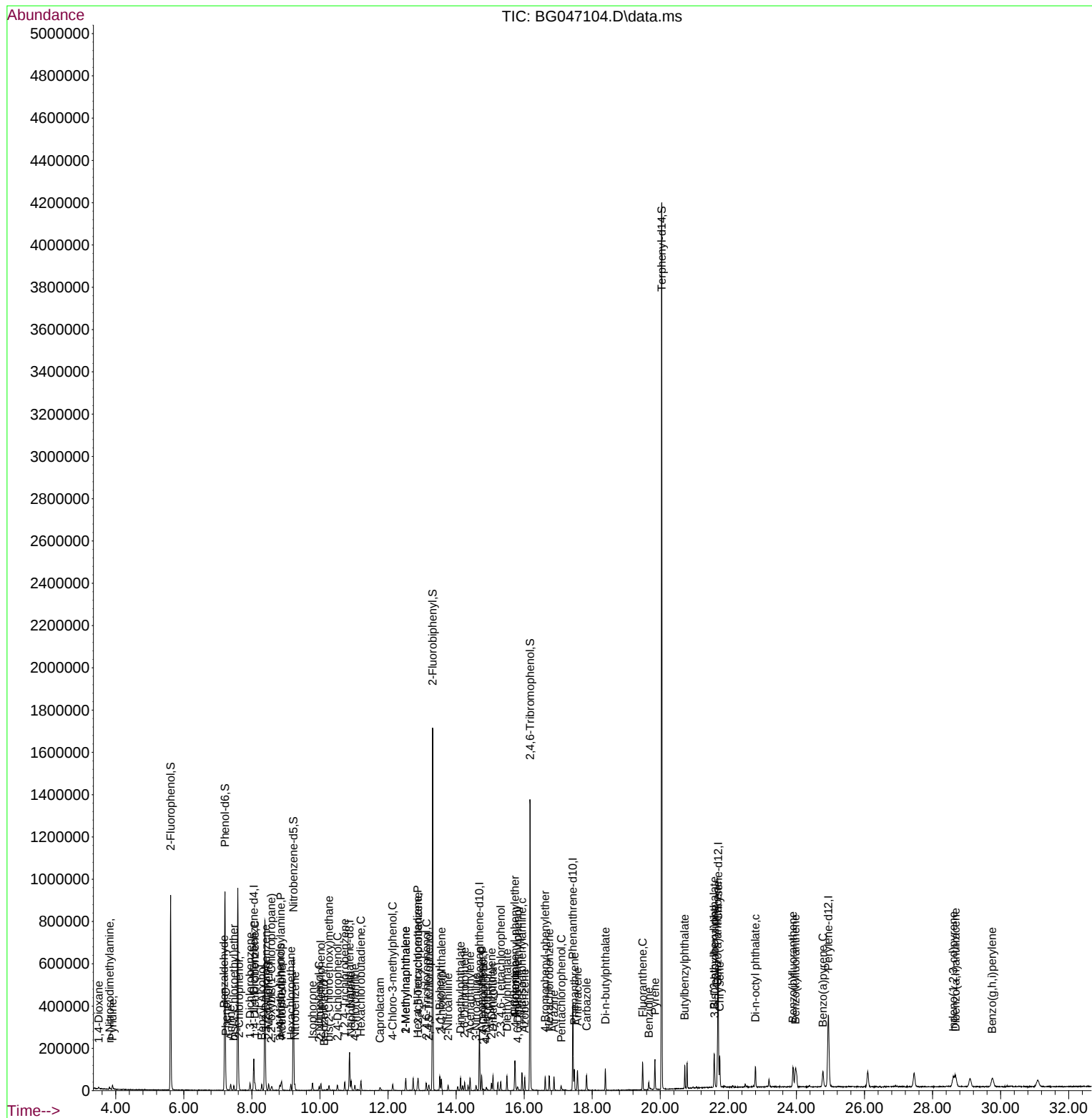
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.198	196	9905	4.00	ng	93
46) 1,1'-Biphenyl	13.521	154	35270	4.55	ng	93
47) 2-Chloronaphthalene	13.568	162	28541	4.48	ng #	91
48) 2-Nitroaniline	13.767	65	7750	3.73	ng #	76
49) Acenaphthylene	14.414	152	40244	4.35	ng	100
50) Dimethylphthalate	14.132	163	37806	4.49	ng	99
51) 2,6-Dinitrotoluene	14.249	165	6965	3.96	ng #	45
52) Acenaphthene	14.755	154	27956	4.63	ng	95
53) 3-Nitroaniline	14.584	138	6009	3.44	ng #	99
54) 2,4-Dinitrophenol	14.802	184	2062	1.78	ng #	79
55) Dibenzofuran	15.084	168	45484	4.69	ng	97
56) 4-Nitrophenol	14.890	139	4359	3.19	ng #	87
57) 2,4-Dinitrotoluene	15.042	165	10335	4.09	ng #	81
58) Fluorene	15.730	166	34929	4.46	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.313	232	10602	4.03	ng #	95
60) Diethylphthalate	15.495	149	38291	4.56	ng	95
61) 4-Chlorophenyl-phenyle...	15.724	204	21417	4.59	ng	95
62) 4-Nitroaniline	15.742	138	6767	3.61	ng	90
63) Azobenzene	16.018	77	35224	4.72	ng	89
65) 4,6-Dinitro-2-methylph...	15.812	198	5367	3.31	ng	89
66) n-Nitrosodiphenylamine	15.935	169	34041	4.50	ng	93
67) 4-Bromophenyl-phenylether	16.617	248	13343	3.85	ng #	92
68) Hexachlorobenzene	16.735	284	15808	4.32	ng	93
69) Atrazine	16.876	200	13789	4.43	ng	97
70) Pentachlorophenol	17.093	266	6476	3.04	ng	89
71) Phenanthrene	17.475	178	63991	4.55	ng	92
72) Anthracene	17.569	178	64581	4.68	ng	96
73) Carbazole	17.833	167	54793	4.47	ng	98
74) Di-n-butylphthalate	18.386	149	72703	4.80	ng	97
75) Fluoranthene	19.478	202	88582	4.90	ng	95
77) Benzidine	19.661	184	31118	3.88	ng #	93
78) Pyrene	19.843	202	95626	4.27	ng	97
80) Butylbenzylphthalate	20.718	149	31766	3.70	ng #	87
81) Benzo(a)anthracene	21.682	228	102953	4.48	ng	95
82) 3,3'-Dichlorobenzidine	21.594	252	33840	4.06	ng #	98
83) Chrysene	21.746	228	97958	4.47	ng	96
84) Bis(2-ethylhexyl)phtha...	21.582	149	47519	3.93	ng #	90
85) Di-n-octyl phthalate	22.792	149	83461	4.11	ng #	98
87) Indeno(1,2,3-cd)pyrene	28.609	276	107134	4.17	ng #	86
88) Benzo(b)fluoranthene	23.897	252	97157	4.22	ng #	96
89) Benzo(k)fluoranthene	23.967	252	96372	4.31	ng #	95
90) Benzo(a)pyrene	24.778	252	86814	4.04	ng #	97
91) Dibenzo(a,h)anthracene	28.674	278	89028	4.27	ng #	91
92) Benzo(g,h,i)perylene	29.749	276	87945	4.24	ng #	92

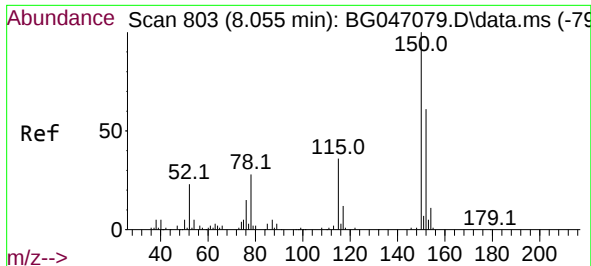
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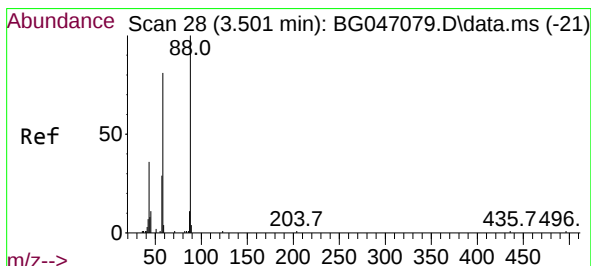
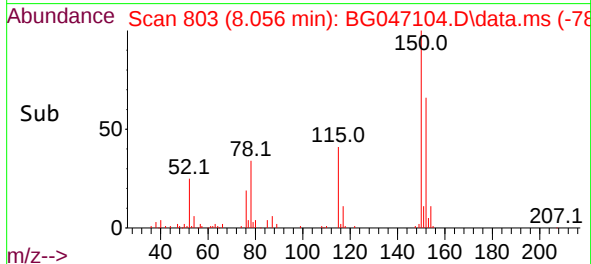
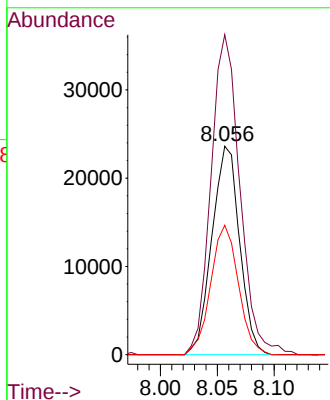
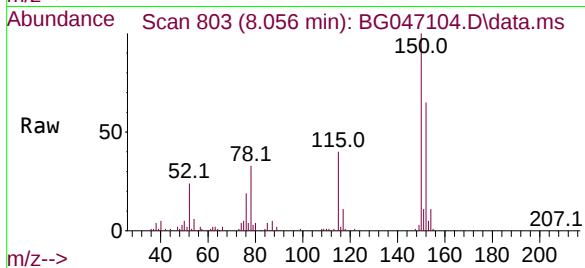




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

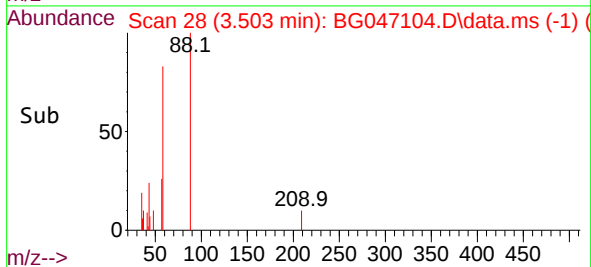
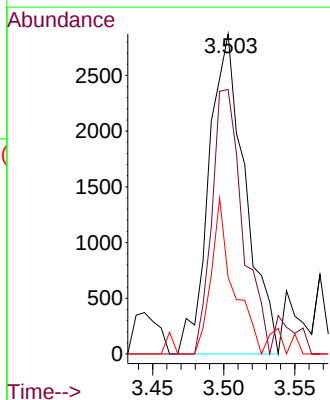
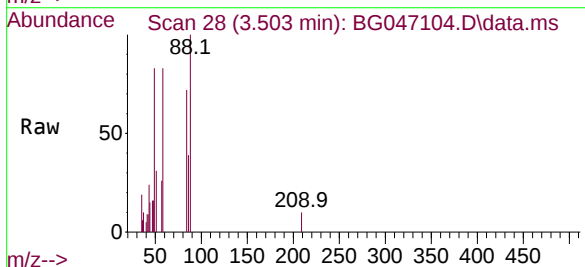
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

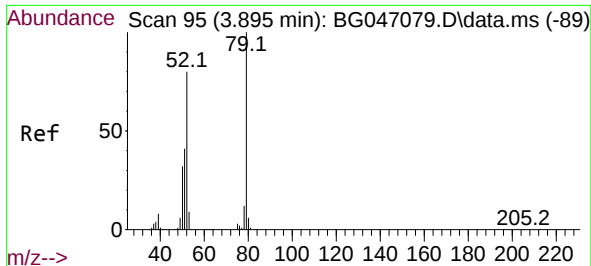
Tgt Ion:152 Resp: 39905
Ion Ratio Lower Upper
152 100
150 153.5 125.0 187.6
115 62.1 41.8 62.6



#2
1,4-Dioxane
Concen: 5.02 ng
RT: 3.503 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 88 Resp: 5105
Ion Ratio Lower Upper
88 100
58 69.9 61.6 92.4
43 29.4 21.3 31.9

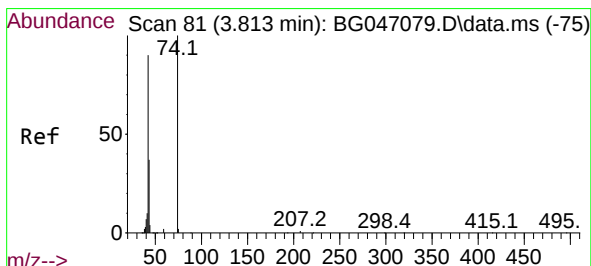
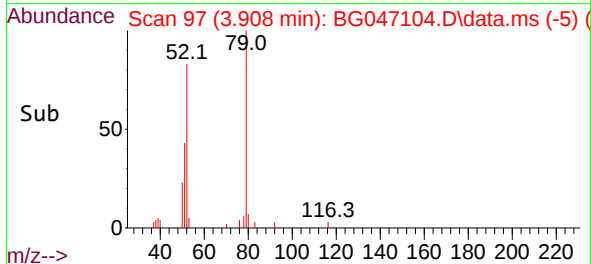
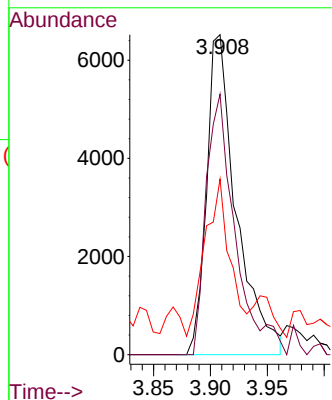
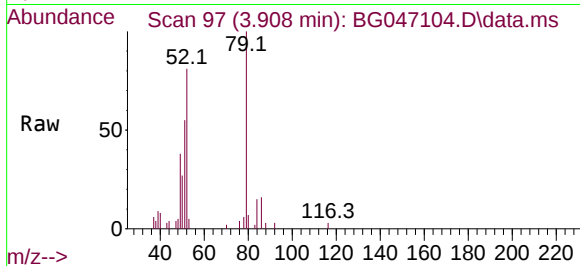




#3
Pyridine
Concen: 4.29 ng
RT: 3.908 min Scan# 97
Delta R.T. 0.013 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

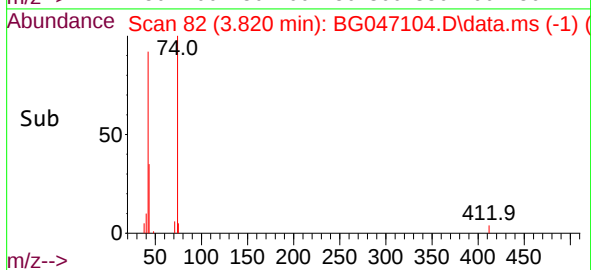
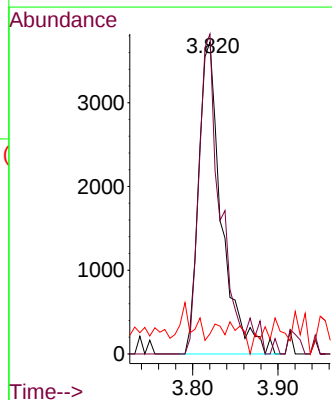
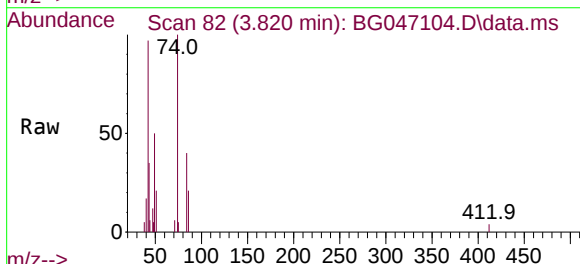
Instrument :
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ClientSampleId :
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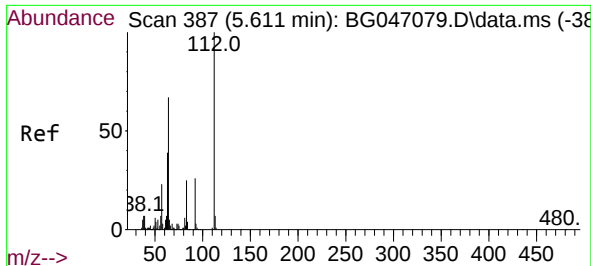
Tgt Ion: 79	Resp: 11838
Ion Ratio	Lower Upper
79	100
52	81.4 61.3 91.9
51	54.9 28.4 42.6#



#4
n-Nitrosodimethylamine
Concen: 4.76 ng
RT: 3.820 min Scan# 82
Delta R.T. 0.007 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 42	Resp: 6967
Ion Ratio	Lower Upper
42	100
74	102.6 120.4 180.6#
44	6.5 6.2 9.2

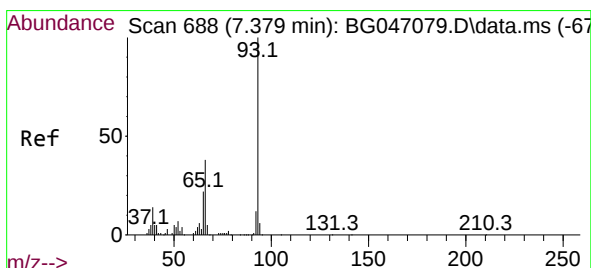
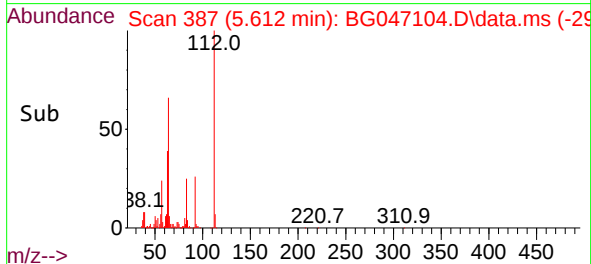
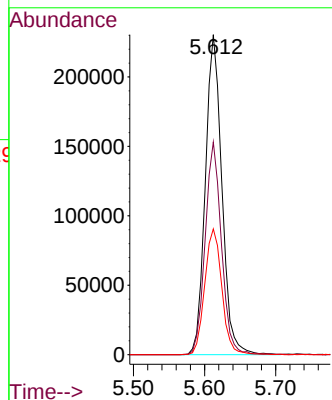
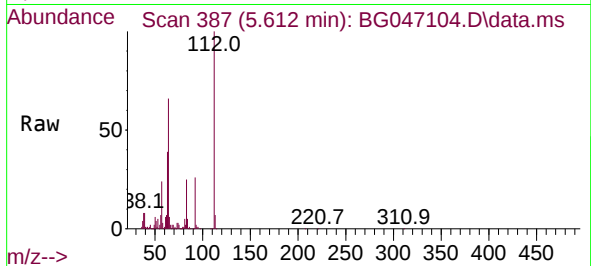




#5
2-Fluorophenol
Concen: 166.16 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

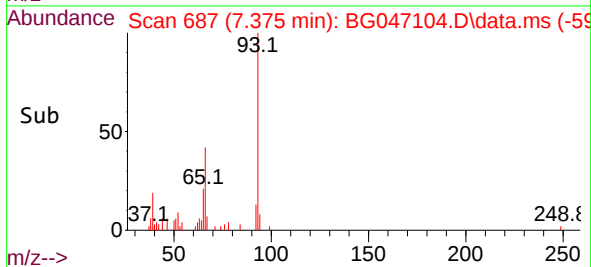
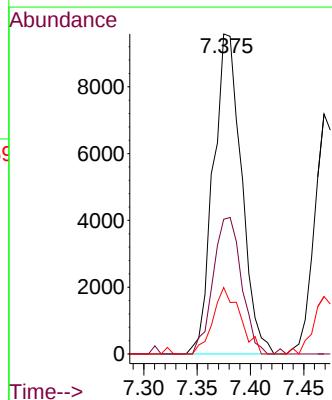
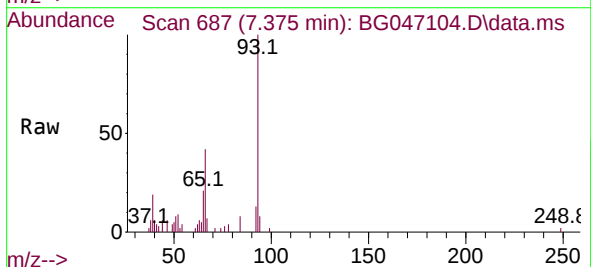
Instrument :
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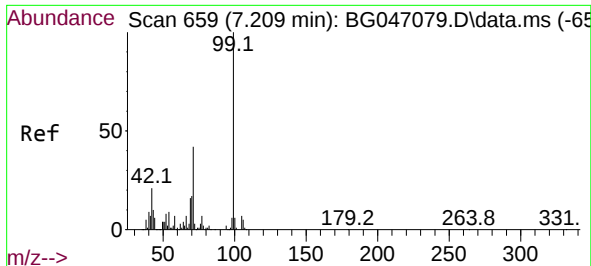
Tgt Ion:112 Resp: 374046
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 39.3 22.8 34.2#



#6
Aniline
Concen: 4.56 ng
RT: 7.375 min Scan# 687
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 93 Resp: 17563
Ion Ratio Lower Upper
93 100
66 42.1 29.5 44.3
65 20.7 15.5 23.3



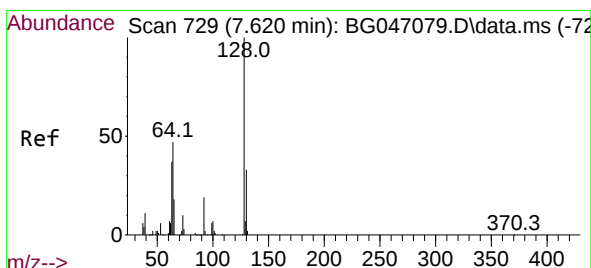
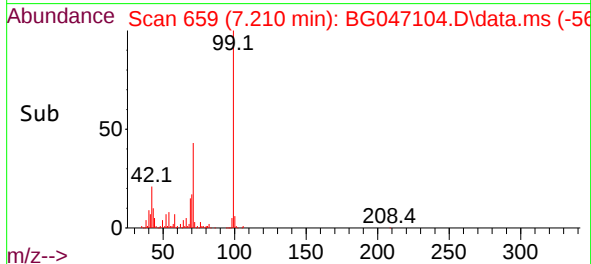
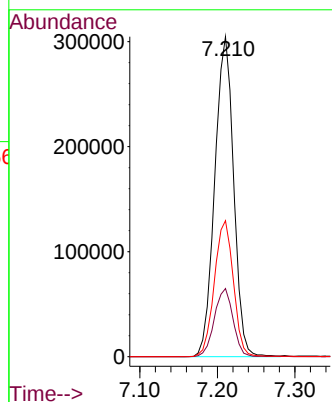
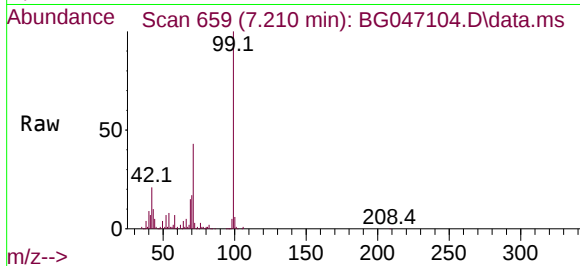


#7
Phenol-d6
Concen: 158.62 ng
RT: 7.210 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG047104.D
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Tgt Ion: 99 Resp: 516371

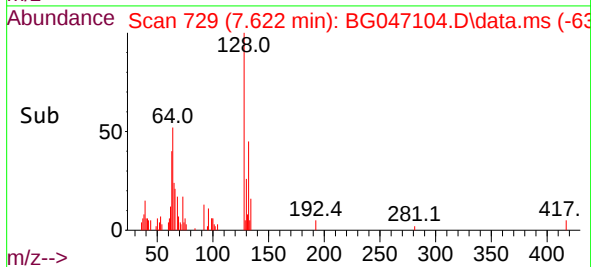
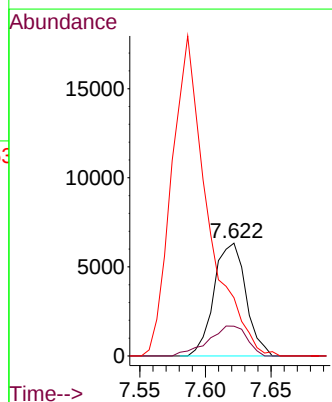
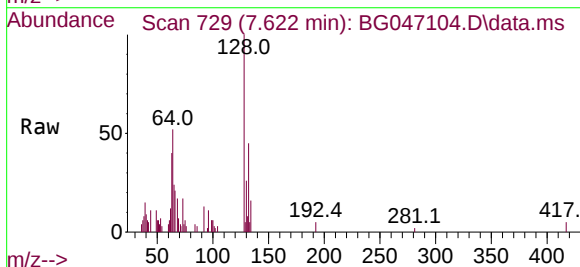
Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.8	19.2#
71	42.5	24.6	36.8#

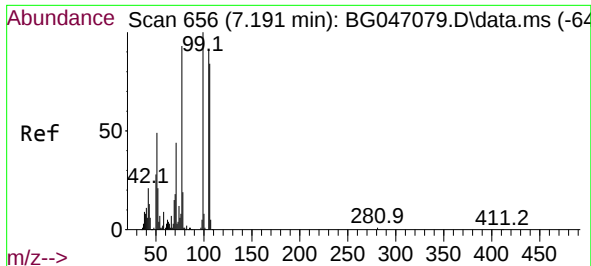


#8
2-Chlorophenol
Concen: 4.47 ng
RT: 7.622 min Scan# 729
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 128 Resp: 10694

Ion	Ratio	Lower	Upper
128	100		
130	26.4	12.6	52.6
64	51.6	24.8	64.8

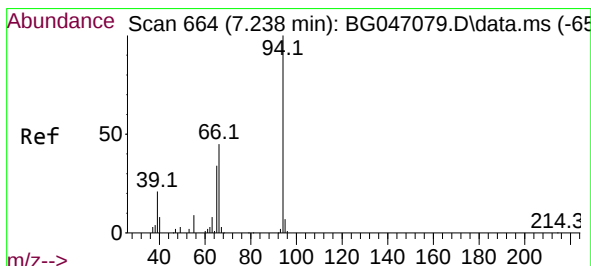
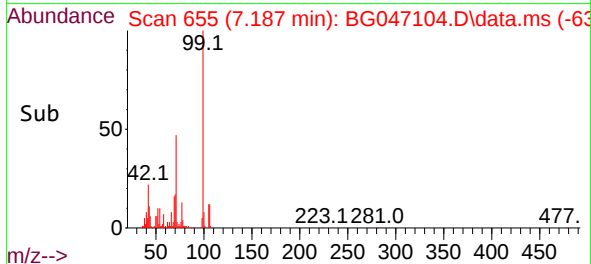
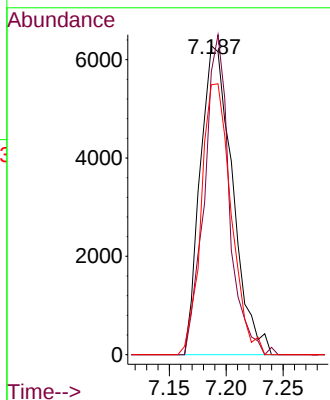
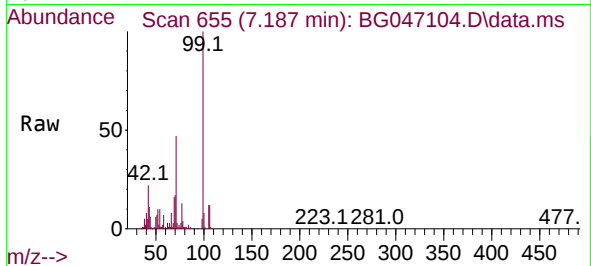




#9
Benzaldehyde
Concen: 6.80 ng
RT: 7.187 min Scan# 655
Delta R.T. -0.004 min
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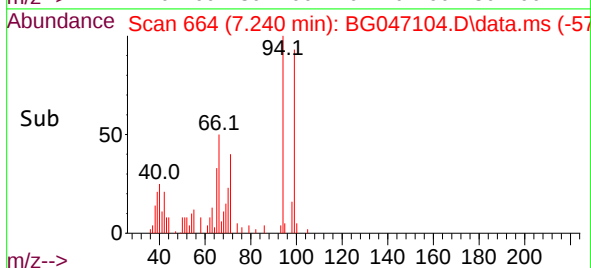
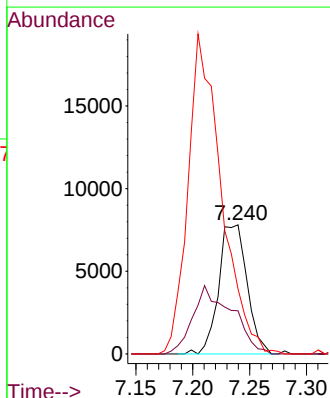
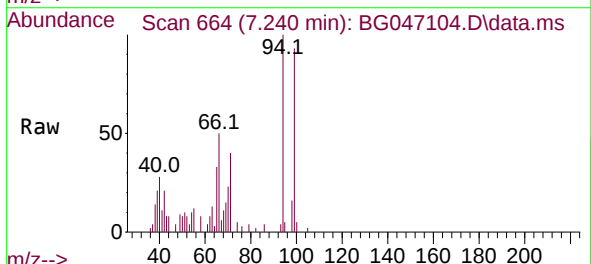
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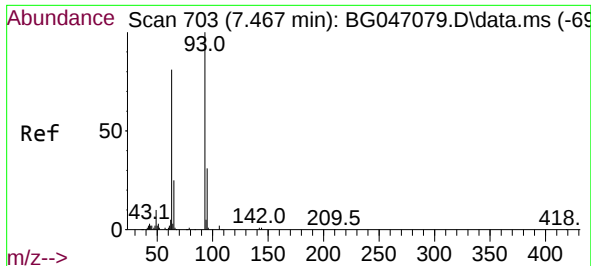
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Ion Ratio Lower Upper
77 100
105 91.5 85.9 125.9
106 87.4 80.9 120.9



#10
Phenol
Concen: 4.41 ng
RT: 7.240 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 94 Resp: 13544
Ion Ratio Lower Upper
94 100
65 33.4 6.6 46.6
66 50.3 13.9 53.9

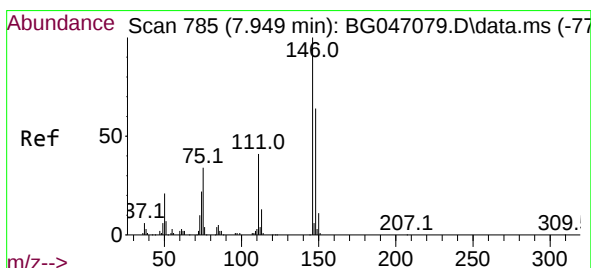
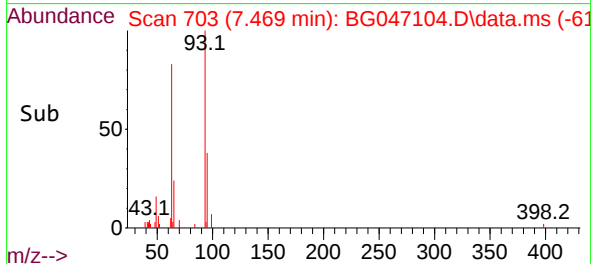
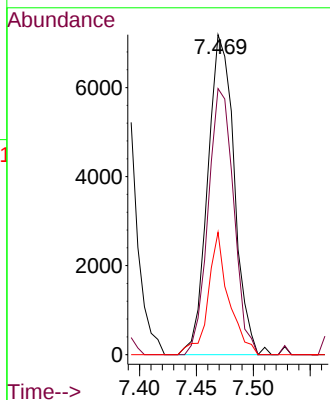
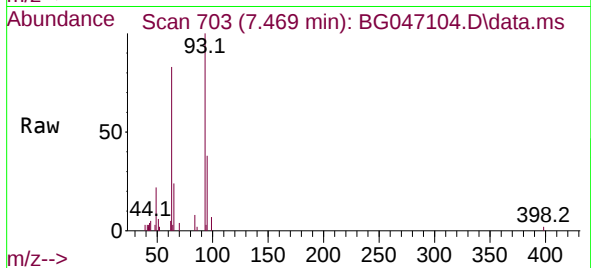




#11
bis(2-Chloroethyl)ether
Concen: 4.83 ng
RT: 7.469 min Scan# 703
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

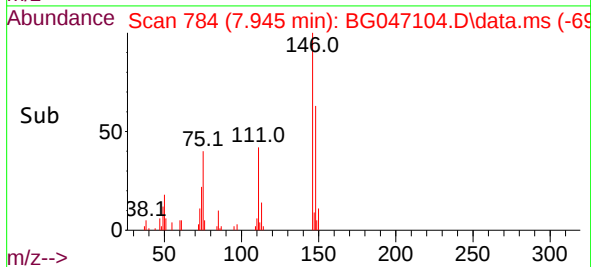
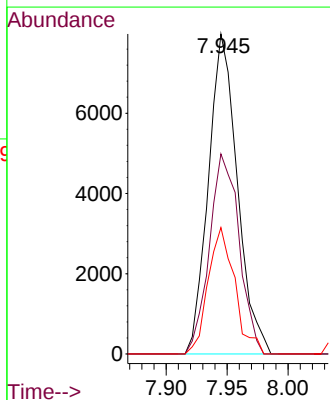
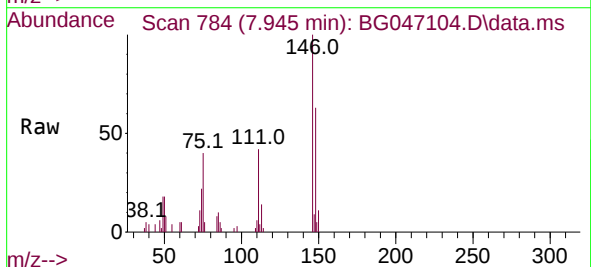
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

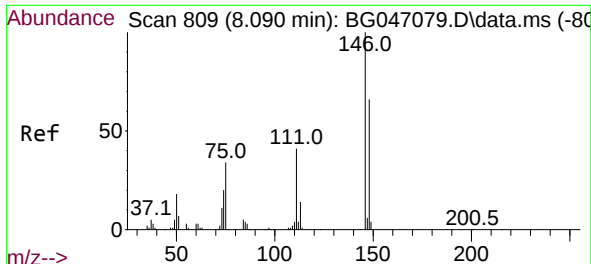
Tgt Ion: 93	Resp: 11688
Ion Ratio	Lower Upper
93 100	
63 83.2	56.4 96.4
95 38.3	13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 4.32 ng
RT: 7.945 min Scan# 784
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:146	Resp:	13168	
Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.1	75.1
75	39.5	20.1	30.1#

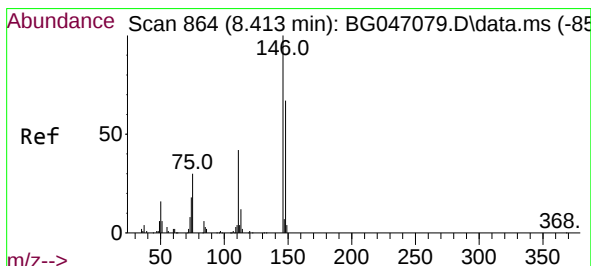
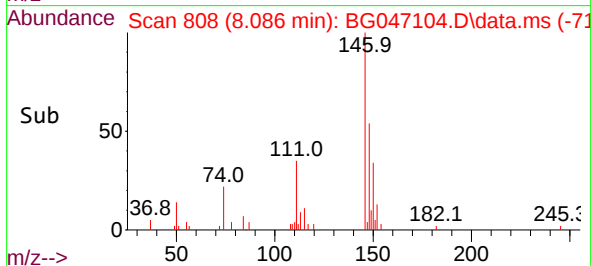
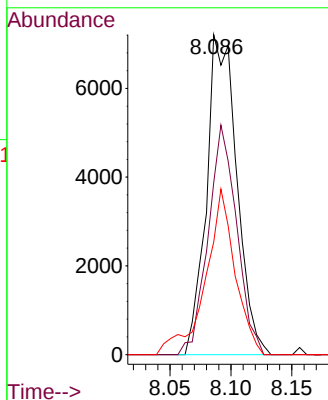
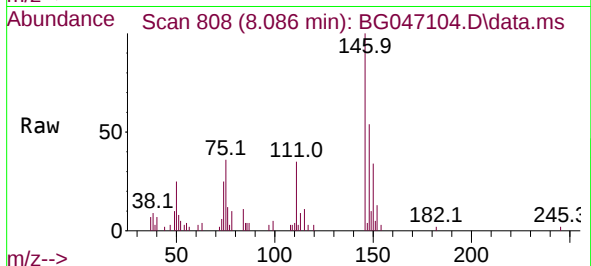




#13
1,4-Dichlorobenzene
Concen: 4.05 ng
RT: 8.086 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

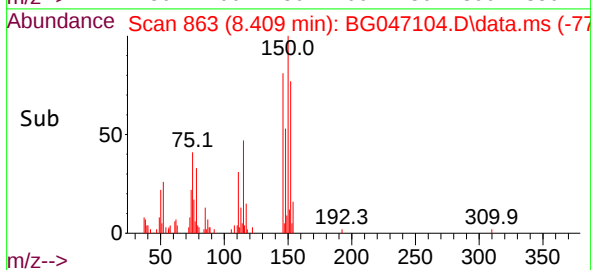
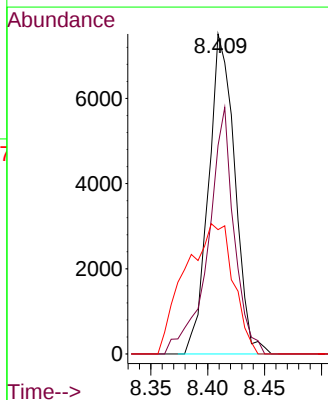
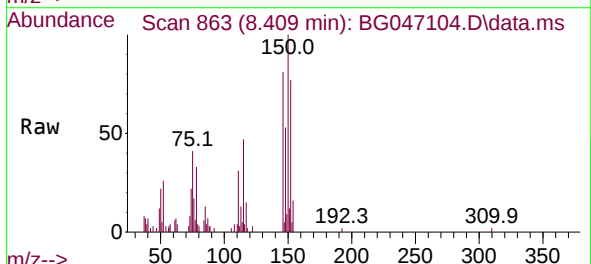
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

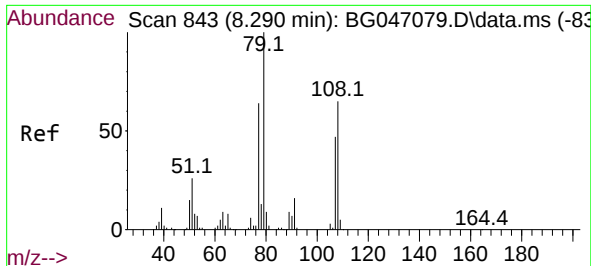
Tgt Ion:	146	Resp:	12483
Ion Ratio	Lower	Upper	
146	100		
148	53.8	51.1	76.7
111	35.2	29.7	44.5



#14
1,2-Dichlorobenzene
Concen: 4.13 ng
RT: 8.409 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	146	Resp:	12042
Ion Ratio	Lower	Upper	
146	100		
148	65.2	53.0	79.6
111	38.9	30.7	46.1

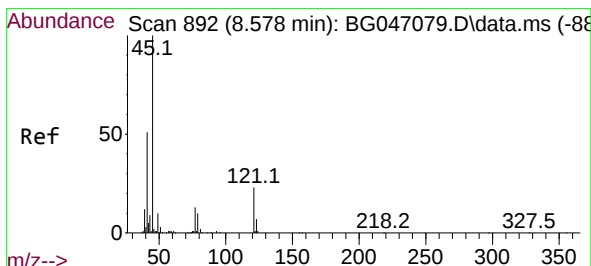
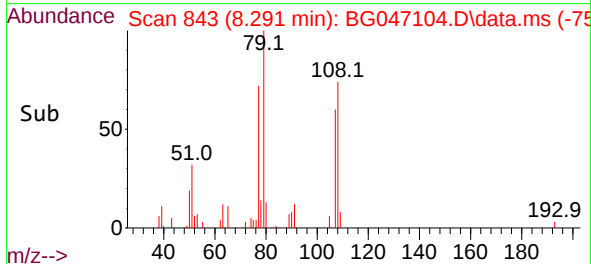
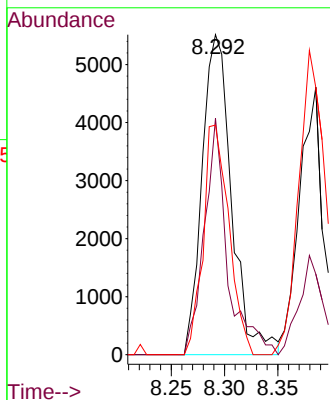
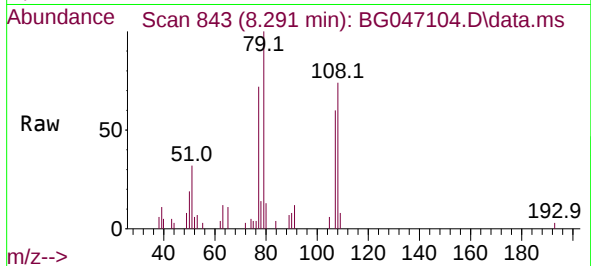




#15
Benzyl Alcohol
Concen: 4.19 ng
RT: 8.291 min Scan# 843
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

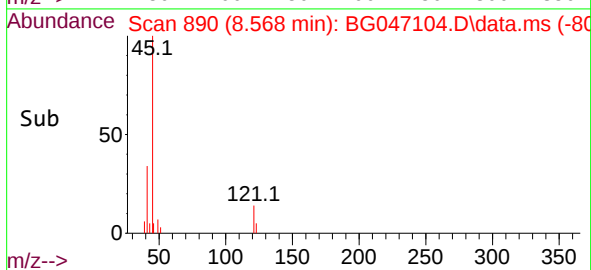
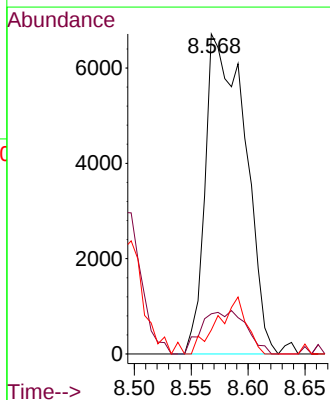
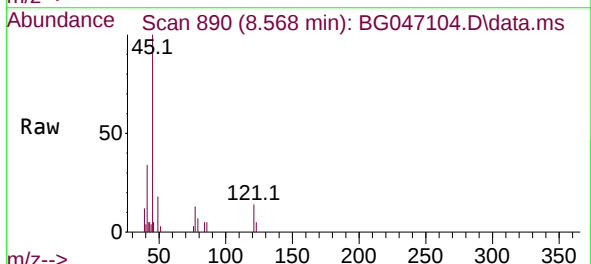
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

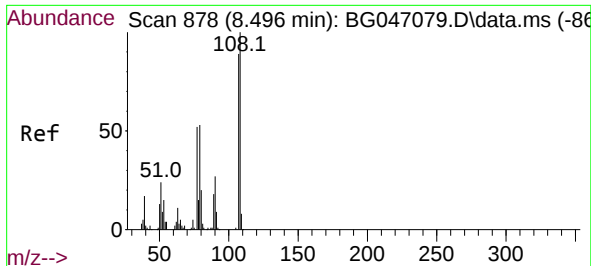
Tgt Ion: 79	Resp: 10637
Ion Ratio	Lower Upper
79	100
108	73.8 65.5 98.3
77	71.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.25 ng
RT: 8.568 min Scan# 890
Delta R.T. -0.010 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 45	Resp: 16274
Ion Ratio	Lower Upper
45	100
77	12.6 0.0 33.4
79	7.5 0.0 30.8

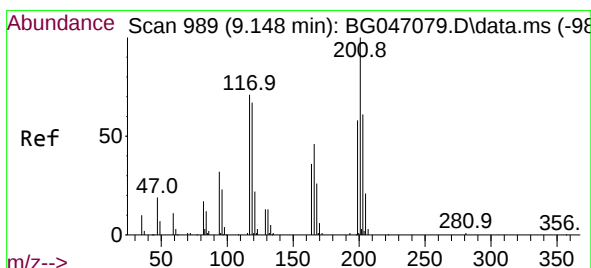
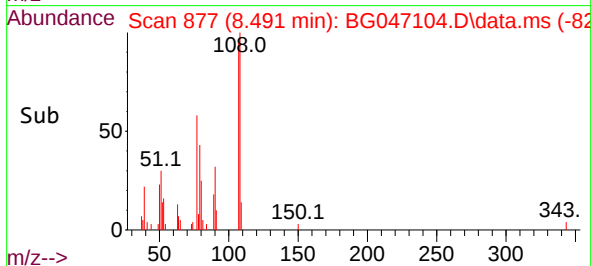
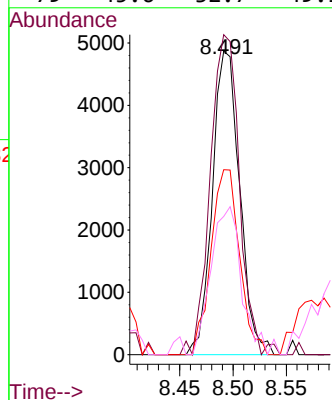
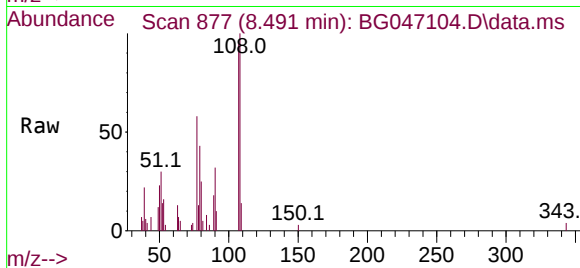




#17
2-Methylphenol
Concen: 4.10 ng
RT: 8.491 min Scan# 877
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

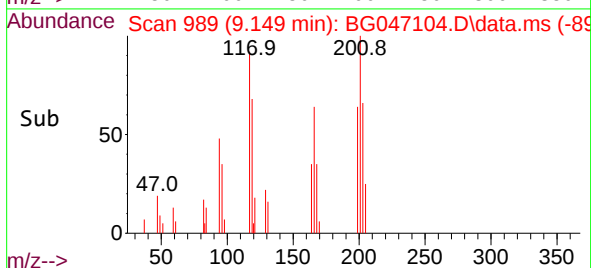
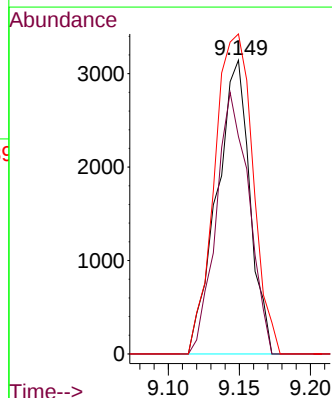
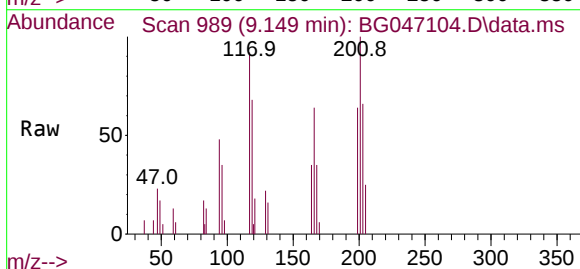
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

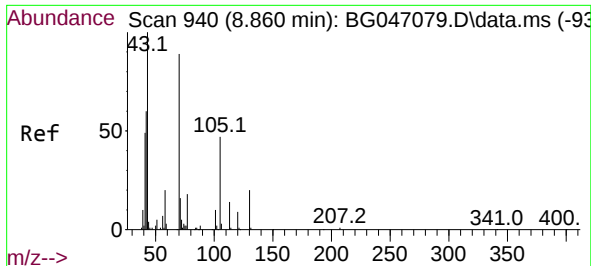
Tgt Ion:	107	Resp:	8674
Ion	Ratio	Lower	Upper
107	100		
108	105.4	87.2	130.8
77	60.9	33.8	50.8#
79	45.6	32.7	49.1



#18
Hexachloroethane
Concen: 4.42 ng
RT: 9.149 min Scan# 989
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	117	Resp:	5093
Ion	Ratio	Lower	Upper
117	100		
119	74.0	77.5	116.3#
201	108.9	104.9	157.3

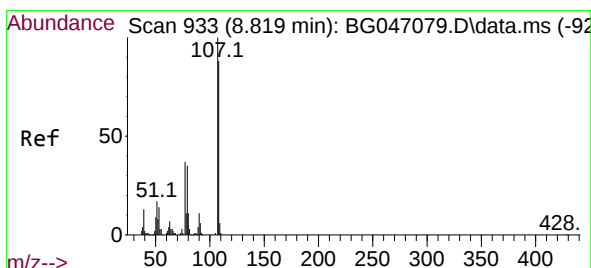
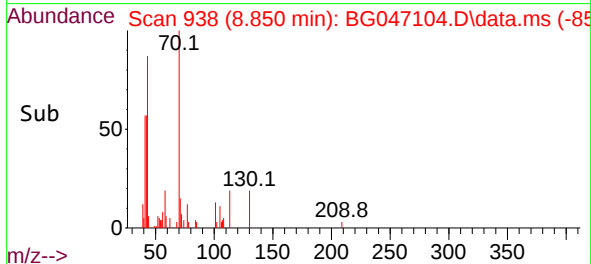
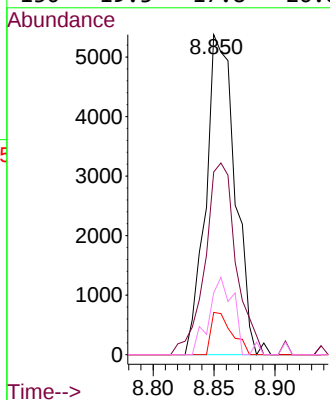
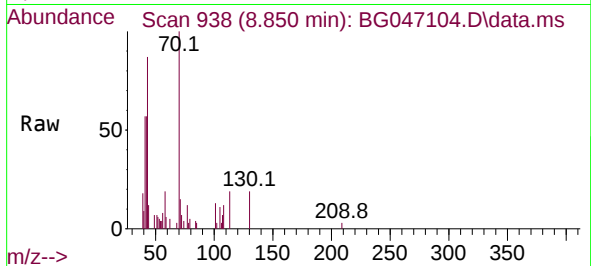




#19
n-Nitroso-di-n-propylamine
Concen: 4.06 ng
RT: 8.850 min Scan# 938
Delta R.T. -0.010 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

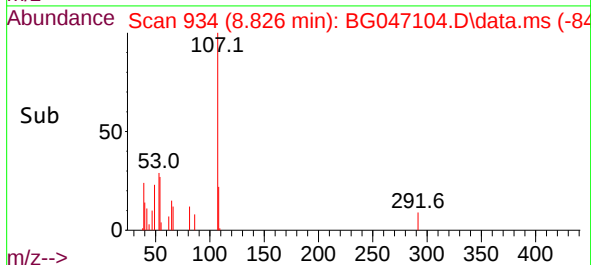
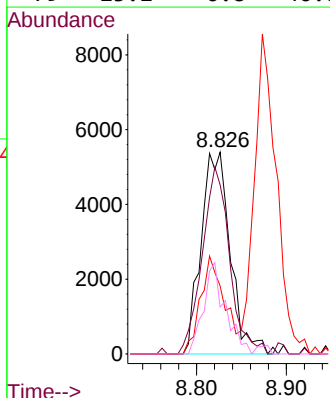
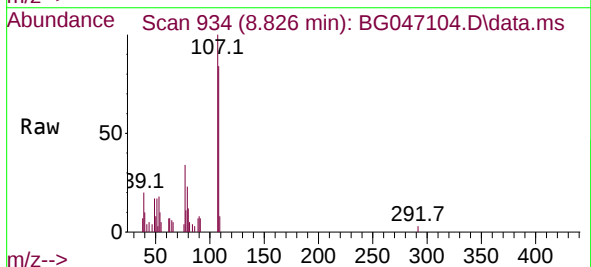
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

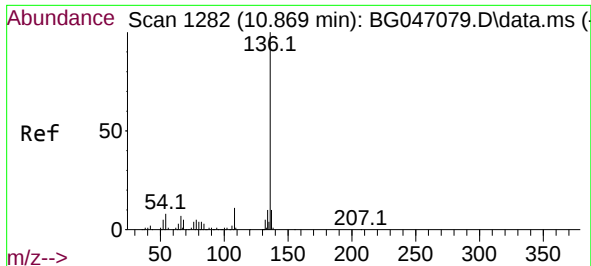
Tgt Ion:	70	Resp:	9008
Ion	Ratio	Lower	Upper
70	100		
42	57.1	45.6	68.4
101	13.2	8.4	12.6#
130	19.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 4.29 ng
RT: 8.826 min Scan# 934
Delta R.T. 0.007 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	107	Resp:	12215
Ion	Ratio	Lower	Upper
107	100		
108	83.8	70.6	110.6
77	33.7	10.2	50.2
79	23.2	6.8	46.8

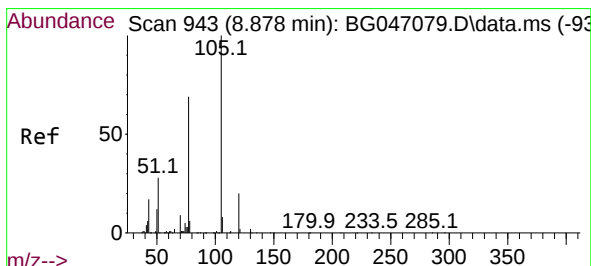
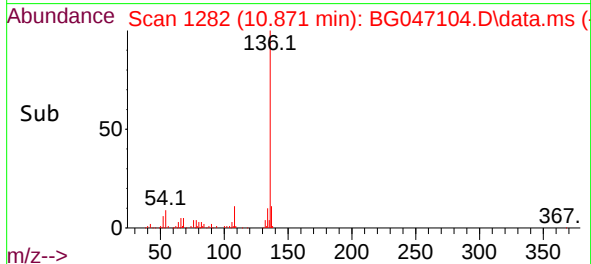
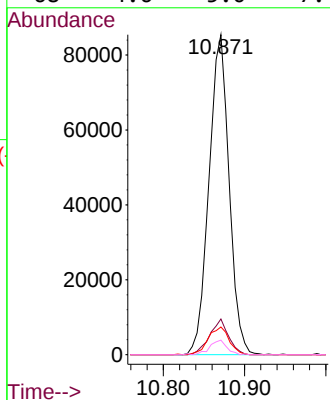
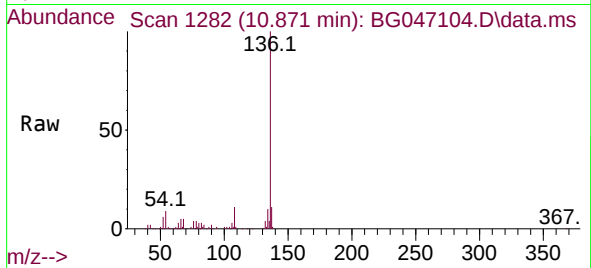




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.871 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

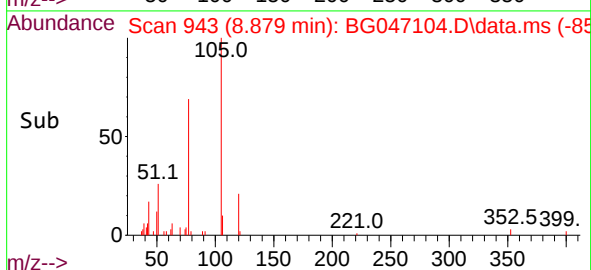
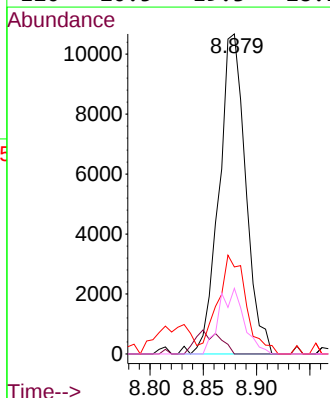
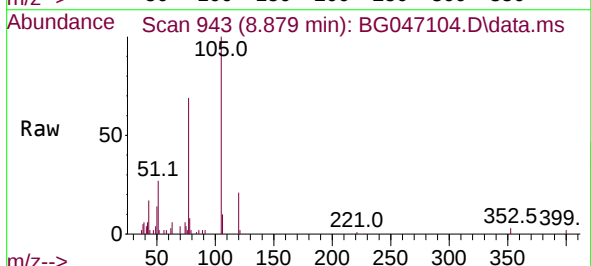
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

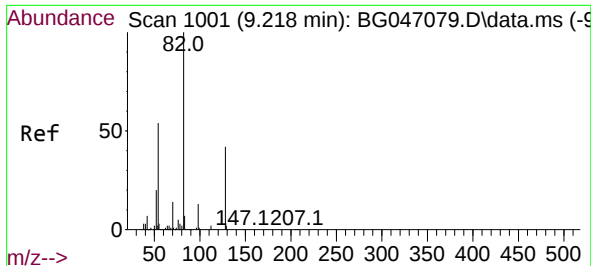
Tgt Ion:	136	Resp:	147067
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.6	6.2	9.4
68	4.6	5.0	7.4



#22
Acetophenone
Concen: 4.67 ng
RT: 8.879 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	105	Resp:	18516
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.7	4.1
51	27.2	21.0	31.6
120	20.5	19.3	28.9

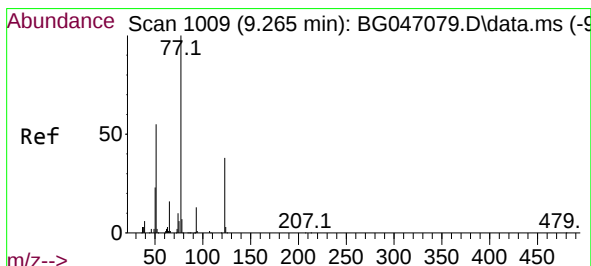
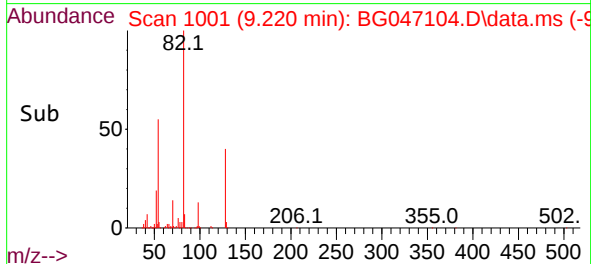
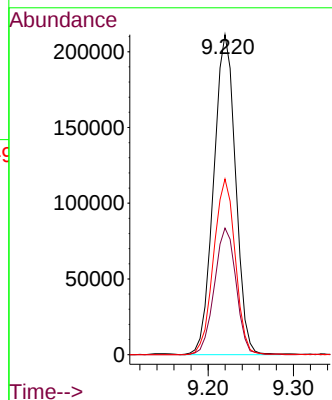
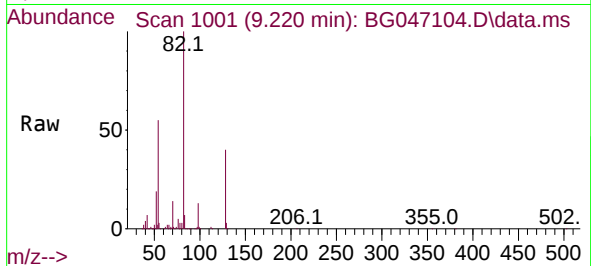




#23
Nitrobenzene-d5
Concen: 122.77 ng
RT: 9.220 min Scan# 1001
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

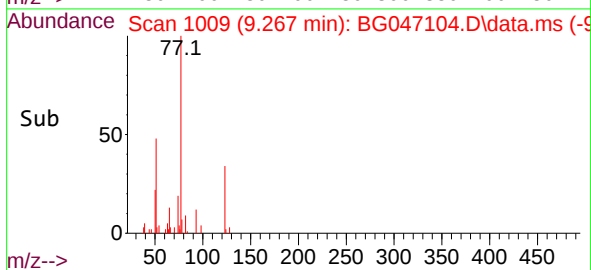
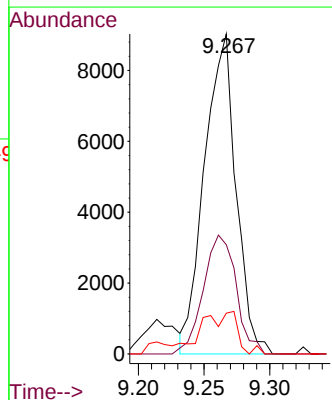
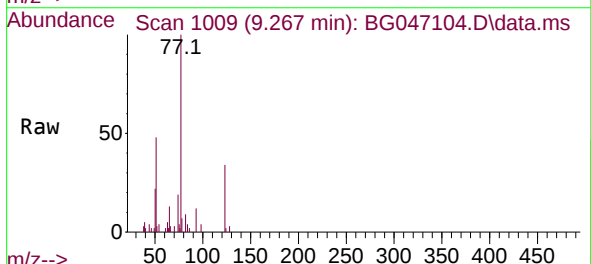
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

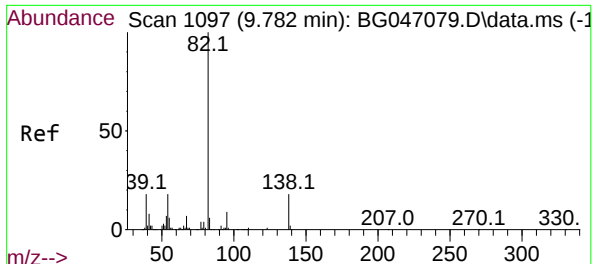
Tgt Ion: 82 Resp: 377042
Ion Ratio Lower Upper
82 100
128 39.5 37.0 55.6
54 54.9 39.0 58.4



#24
Nitrobenzene
Concen: 4.73 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 77 Resp: 15085
Ion Ratio Lower Upper
77 100
123 34.1 39.7 59.5#
65 12.7 10.4 15.6

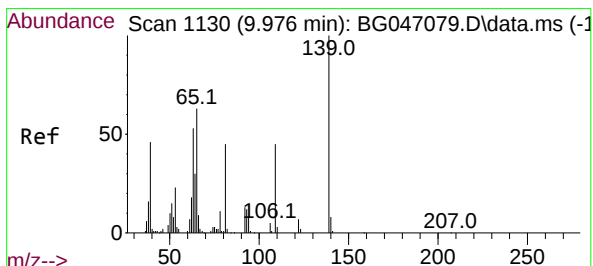
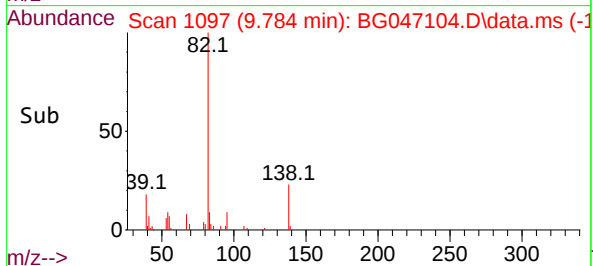
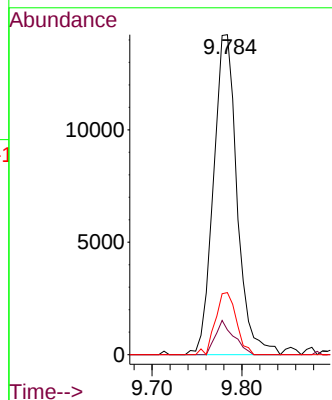
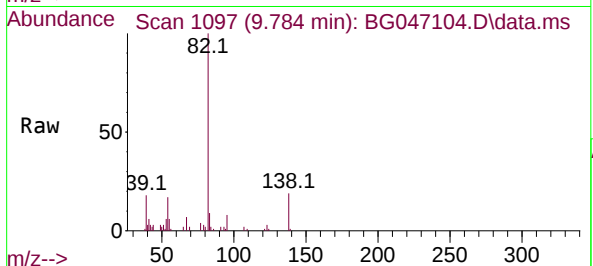




#25
Isophorone
Concen: 4.74 ng
RT: 9.784 min Scan# 1097
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

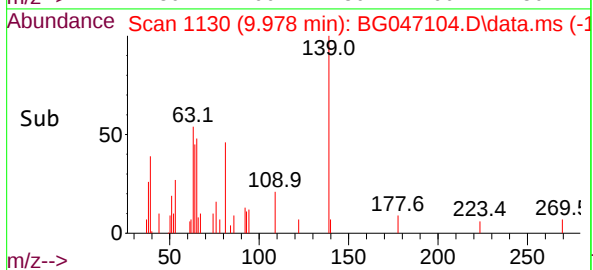
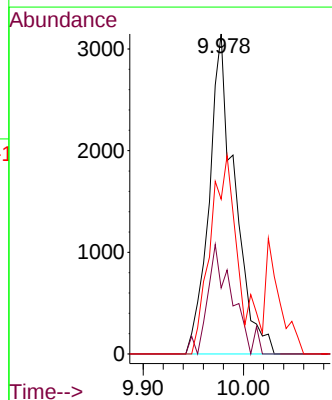
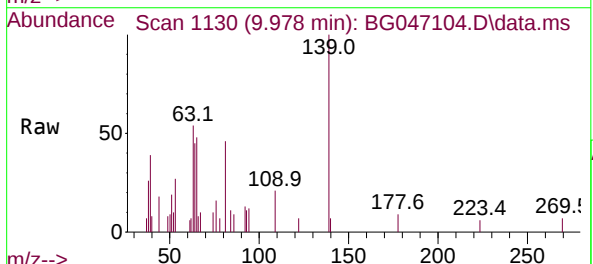
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

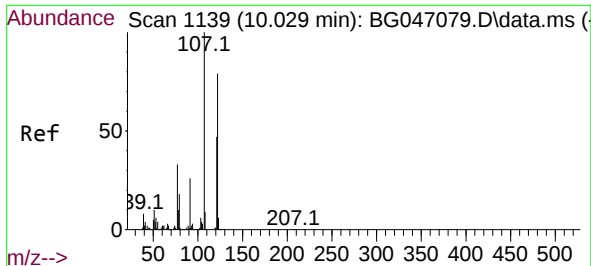
Tgt Ion:	82	Resp:	26016
Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.6	8.4
138	19.4	15.8	23.6



#26
2-Nitrophenol
Concen: 4.04 ng
RT: 9.978 min Scan# 1130
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	139	Resp:	5588
Ion	Ratio	Lower	Upper
139	100		
109	20.6	20.7	31.1#
65	48.3	36.1	54.1

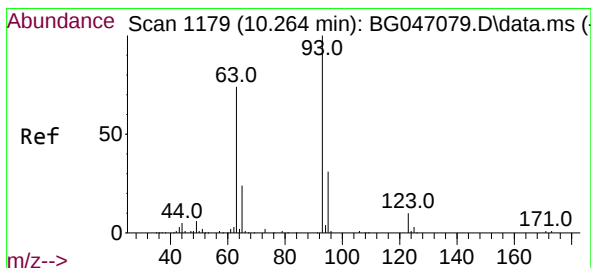
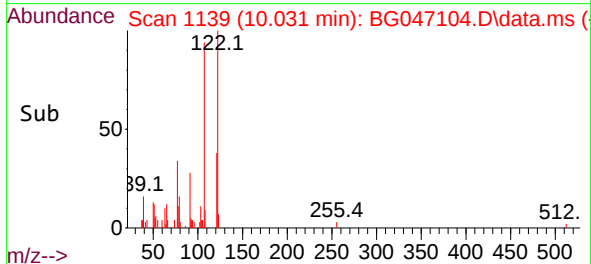
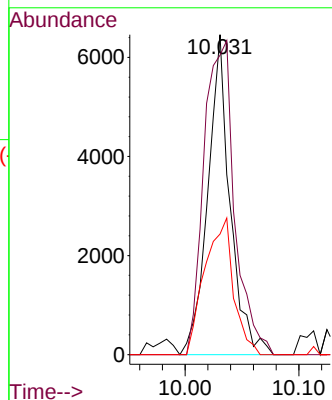
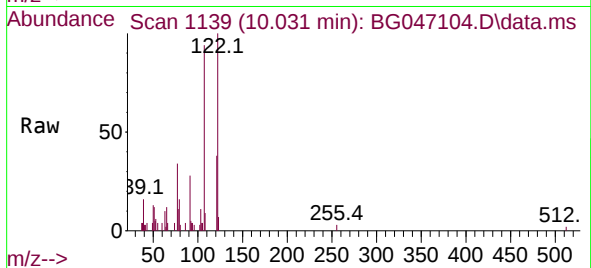




#27
2,4-Dimethylphenol
Concen: 4.64 ng
RT: 10.031 min Scan# 1139
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

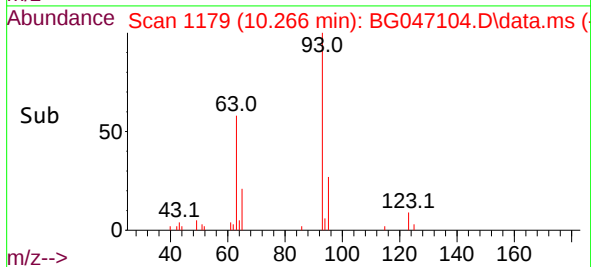
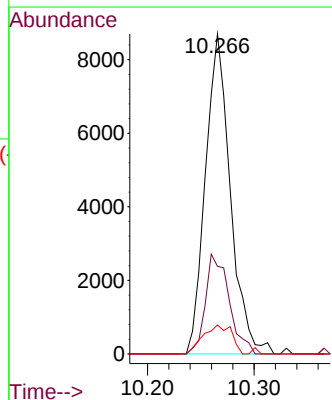
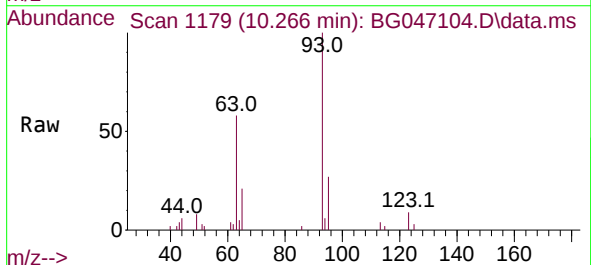
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

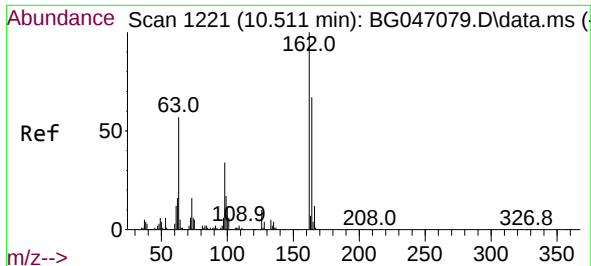
Tgt Ion:122 Resp: 8773
Ion Ratio Lower Upper
122 100
107 93.6 89.2 133.8
121 37.7 46.9 70.3#



#28
bis(2-Chloroethoxy)methane
Concen: 4.16 ng
RT: 10.266 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 93 Resp: 14126
Ion Ratio Lower Upper
93 100
95 27.4 26.5 39.7
123 9.1 9.4 14.0#

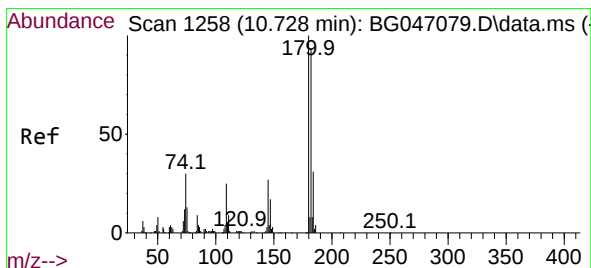
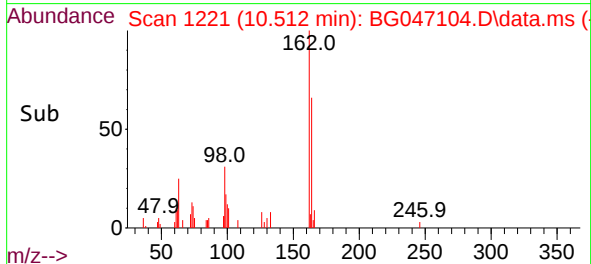
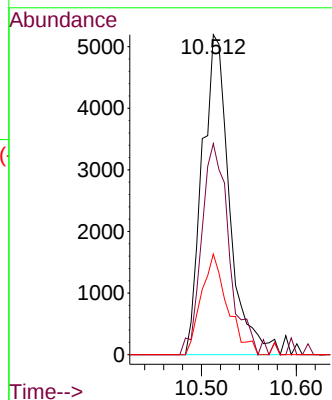
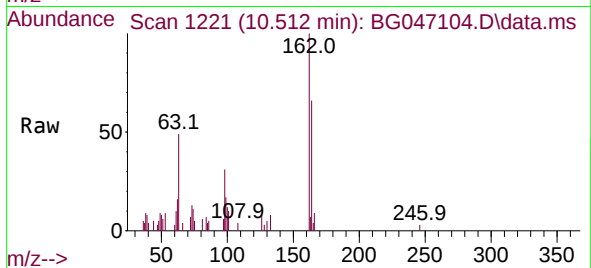




#29
2,4-Dichlorophenol
Concen: 3.99 ng
RT: 10.512 min Scan# 1221
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

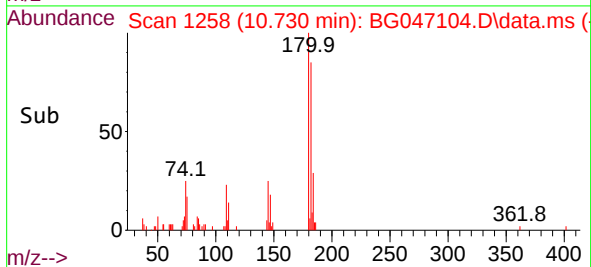
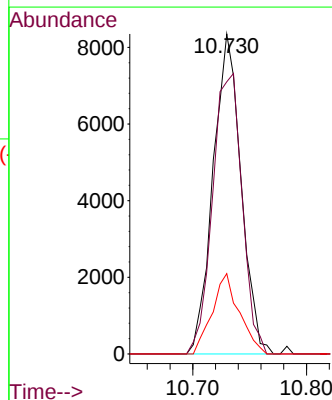
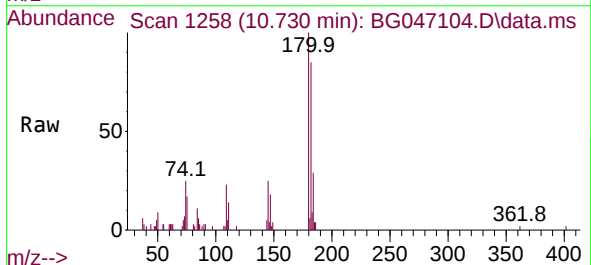
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

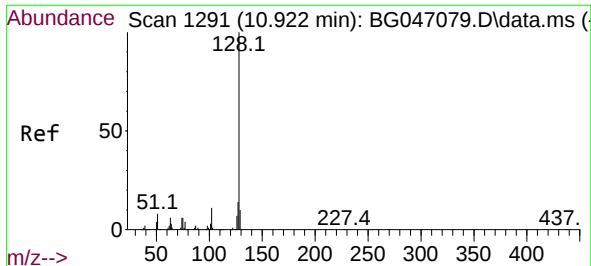
Tgt Ion:162 Resp: 10378
Ion Ratio Lower Upper
162 100
164 66.0 45.6 85.6
98 31.4 11.0 51.0



#30
1,2,4-Trichlorobenzene
Concen: 4.44 ng
RT: 10.730 min Scan# 1258
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:180 Resp: 14247
Ion Ratio Lower Upper
180 100
182 85.0 76.9 115.3
145 25.1 21.4 32.0

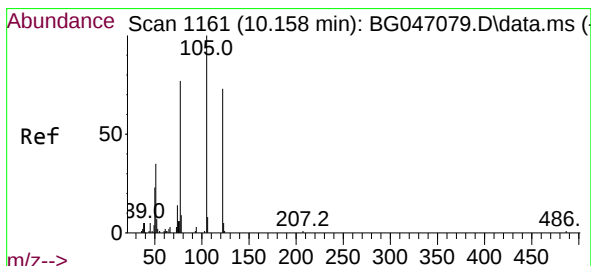
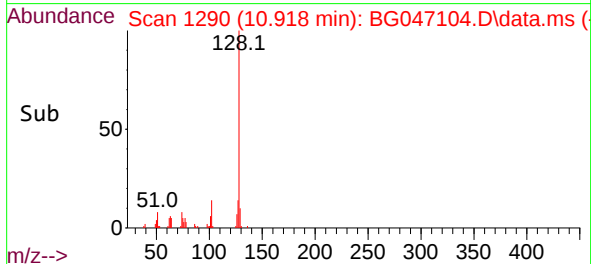
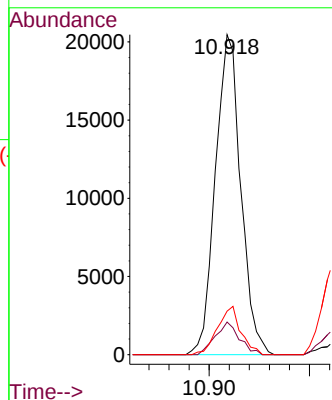
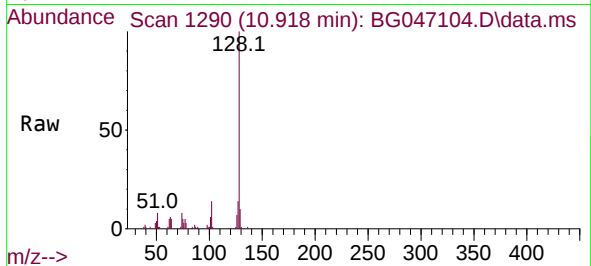




#31
Naphthalene
Concen: 4.66 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

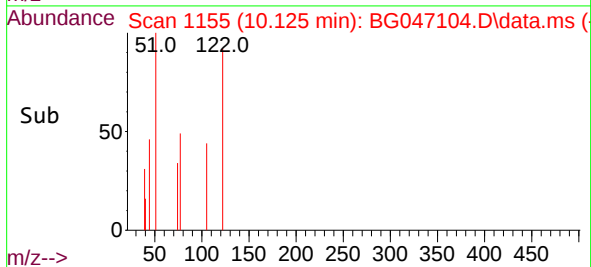
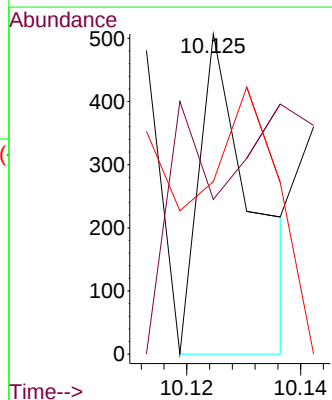
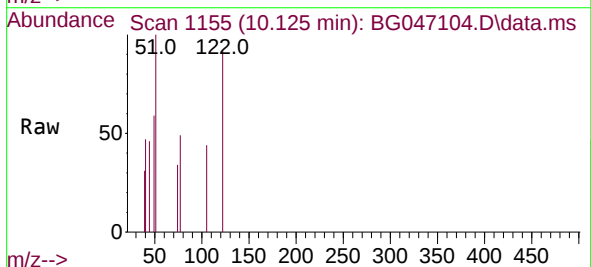
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

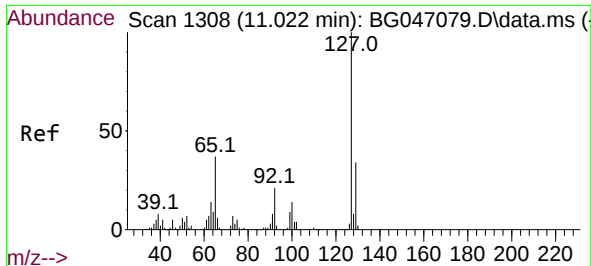
Tgt Ion:128 Resp: 35878
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 0.22 ng
RT: 10.125 min Scan# 1155
Delta R.T. -0.033 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:122 Resp: 335
Ion Ratio Lower Upper
122 100
105 48.3 103.7 143.7#
77 53.8 63.0 103.0#

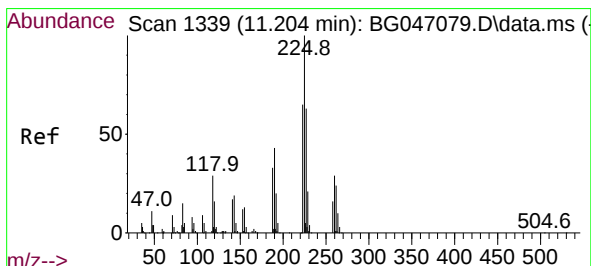
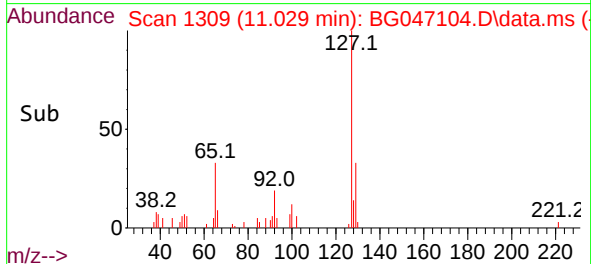
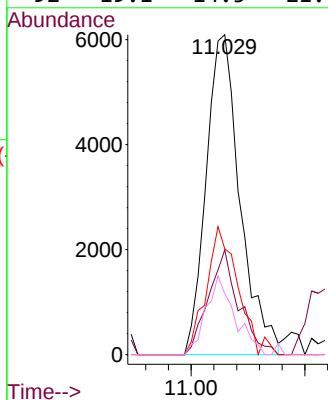
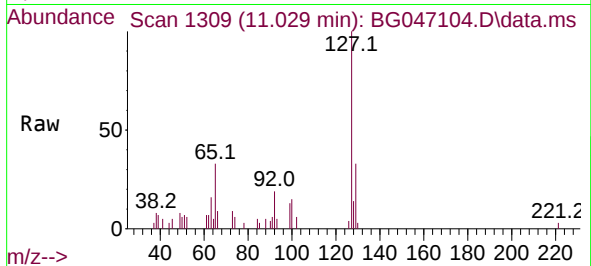




#33
4-Chloroaniline
Concen: 3.77 ng
RT: 11.029 min Scan# 1309
Delta R.T. 0.007 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

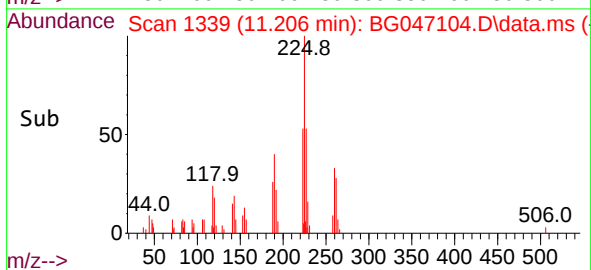
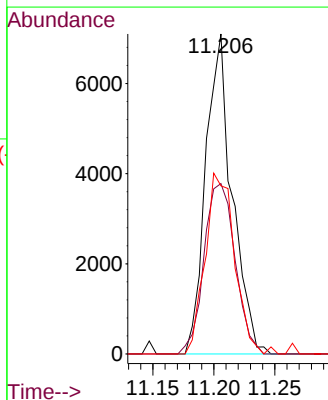
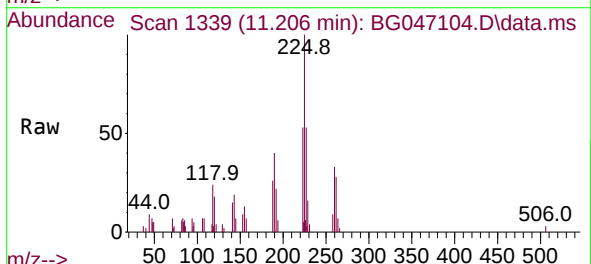
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

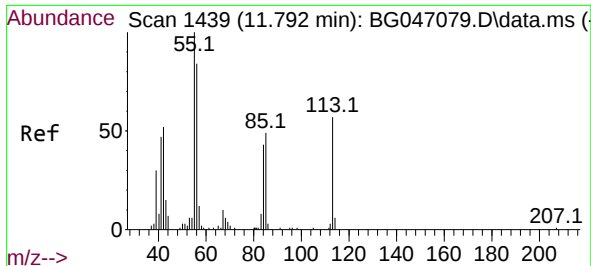
Tgt Ion:	127	Resp:	12602
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	33.1	23.8	35.6
92	19.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 4.45 ng
RT: 11.206 min Scan# 1339
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	225	Resp:	10695
Ion	Ratio	Lower	Upper
225	100		
223	53.2	49.5	74.3
227	52.5	52.0	78.0

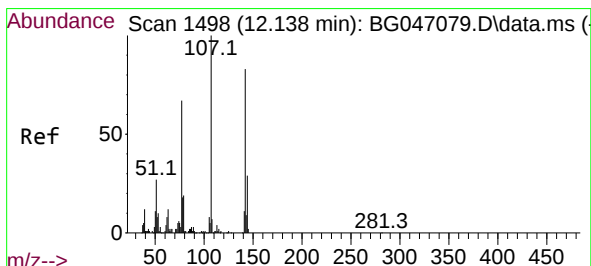
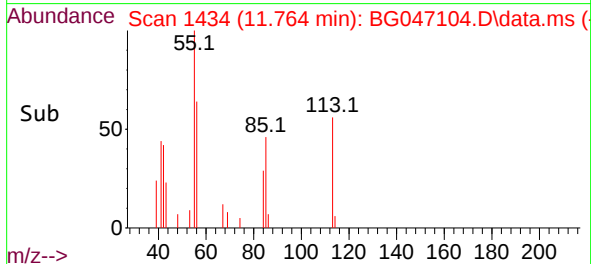
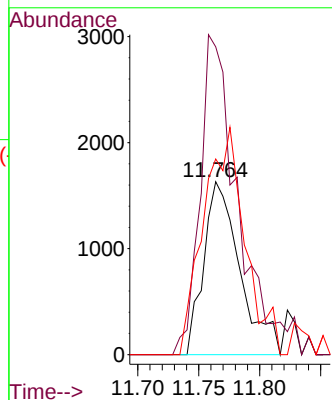
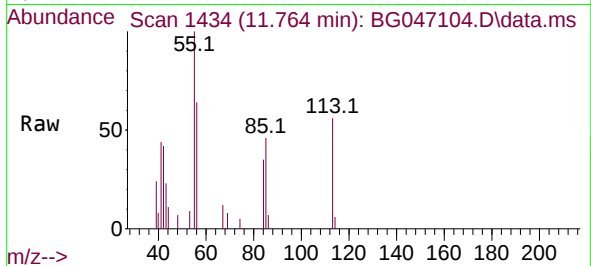




#35
Caprolactam
Concen: 3.88 ng
RT: 11.764 min Scan# 1434
Delta R.T. -0.028 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

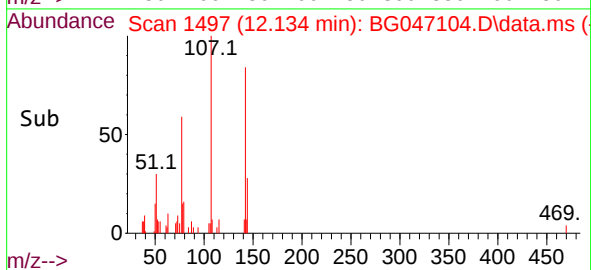
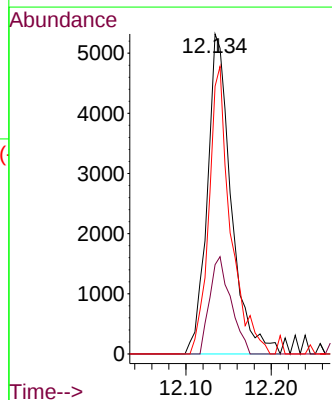
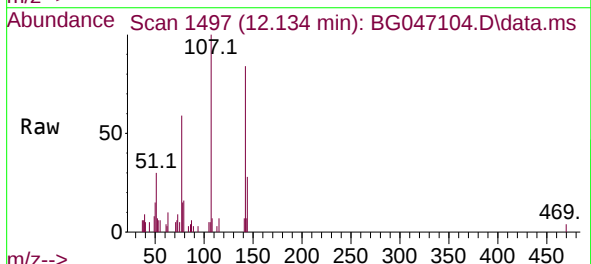
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

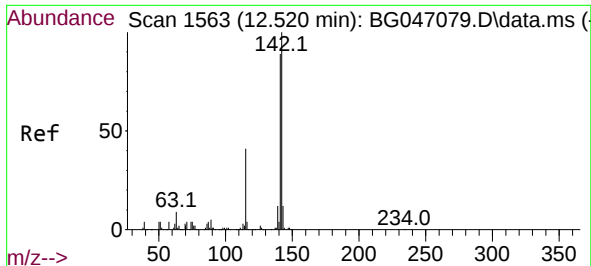
Tgt Ion:113 Resp: 3358
Ion Ratio Lower Upper
113 100
55 178.1 149.2 189.2
56 113.2 107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 3.84 ng
RT: 12.134 min Scan# 1497
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:107 Resp: 10370
Ion Ratio Lower Upper
107 100
144 27.9 22.5 33.7
142 83.7 70.8 106.2

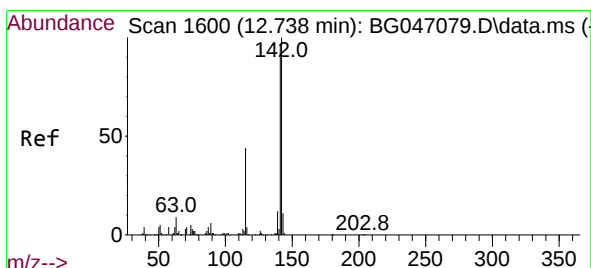
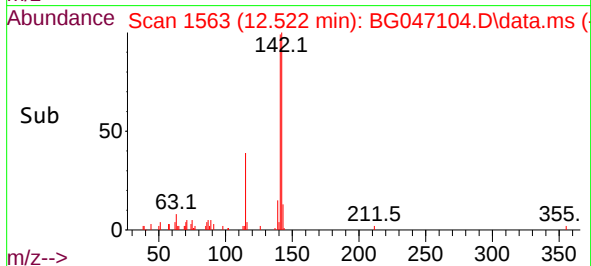
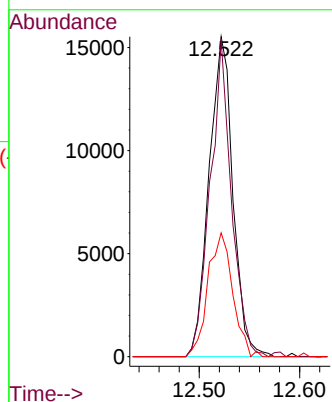
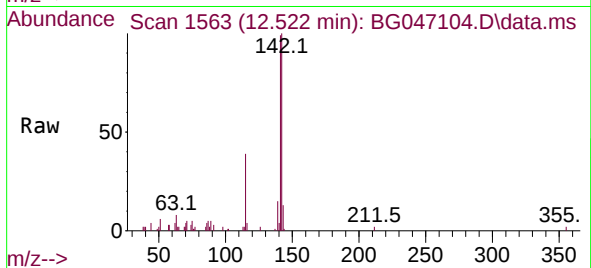




#37
2-Methylnaphthalene
Concen: 4.29 ng
RT: 12.522 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

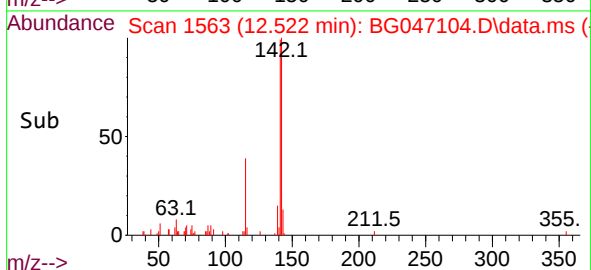
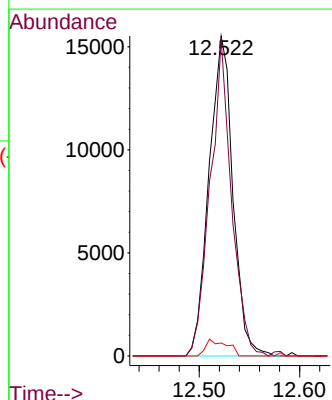
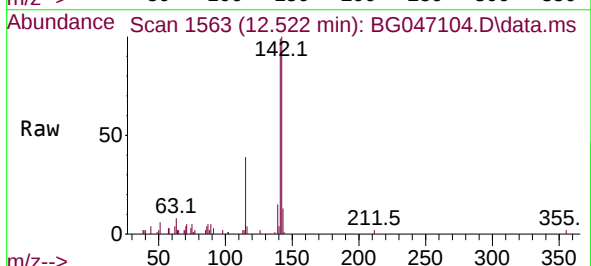
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

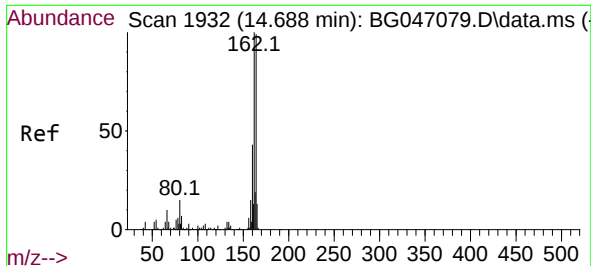
Tgt Ion:142 Resp: 25630
Ion Ratio Lower Upper
142 100
141 99.2 71.6 107.4
115 38.7 25.4 38.2#



#38
1-Methylnaphthalene
Concen: 4.53 ng
RT: 12.522 min Scan# 1563
Delta R.T. -0.216 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:142 Resp: 25630
Ion Ratio Lower Upper
142 100
141 99.2 75.4 113.2
116 4.1 2.9 4.3

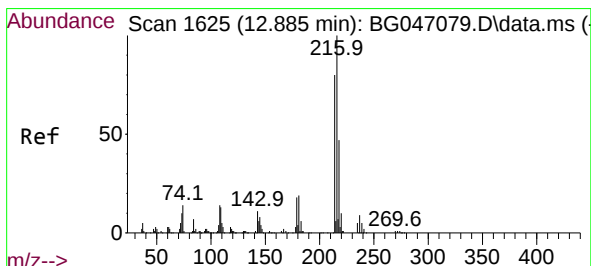
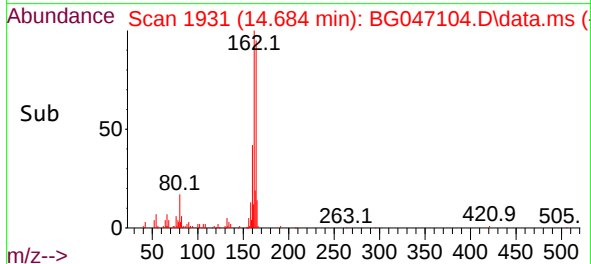
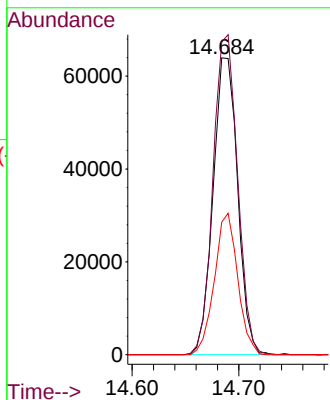
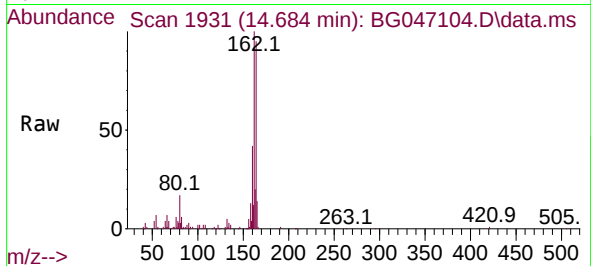




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.684 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

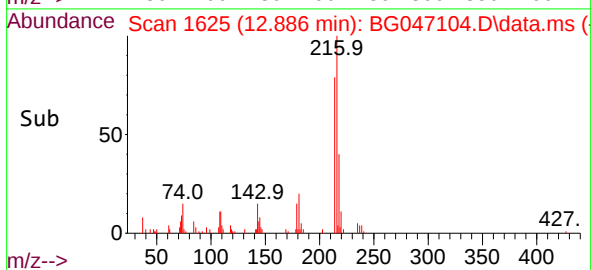
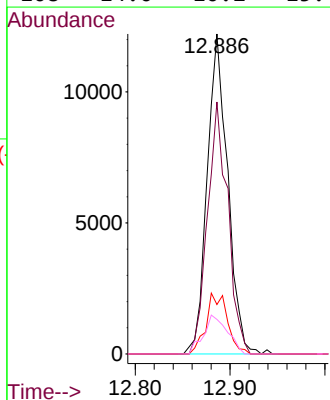
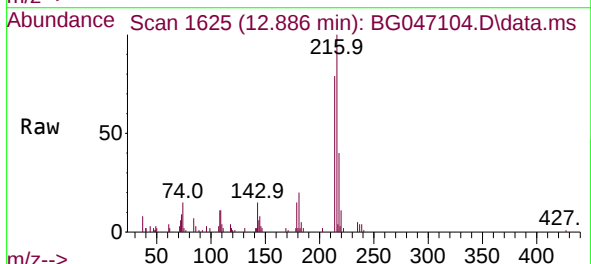
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

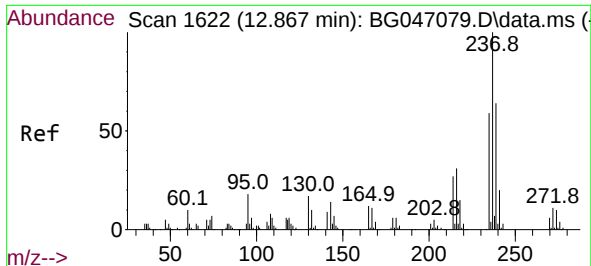
Tgt Ion:164 Resp: 102309
Ion Ratio Lower Upper
164 100
162 105.4 82.3 123.5
160 44.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.92 ng
RT: 12.886 min Scan# 1625
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:216 Resp: 18389
Ion Ratio Lower Upper
216 100
214 77.6 61.9 92.9
179 19.6 14.8 22.2
108 14.0 10.2 15.4

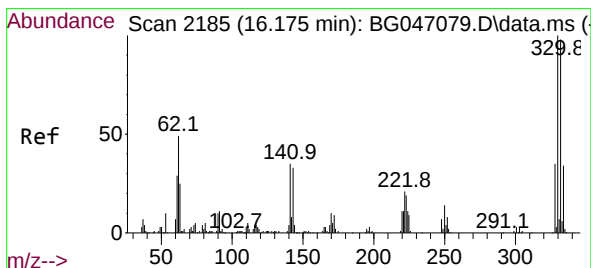
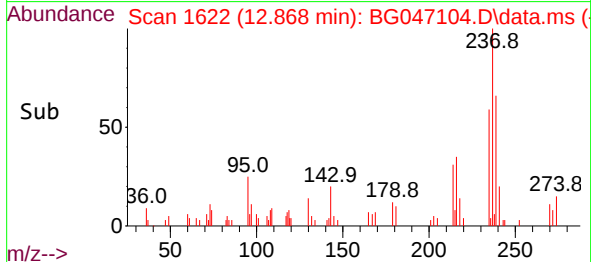
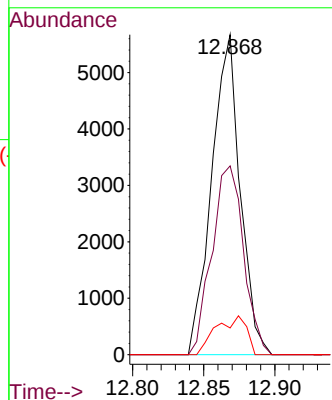
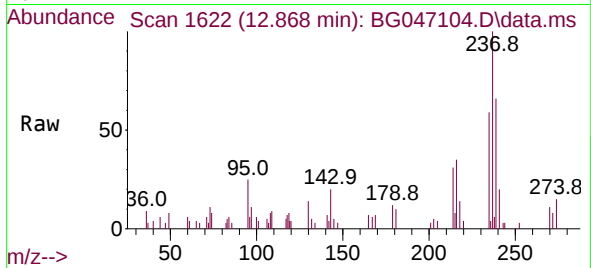




#41
Hexachlorocyclopentadiene
Concen: 3.87 ng
RT: 12.868 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

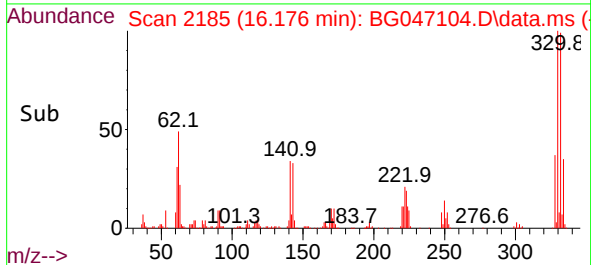
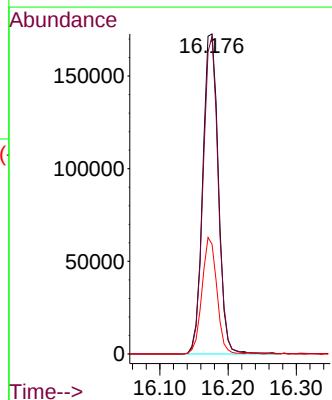
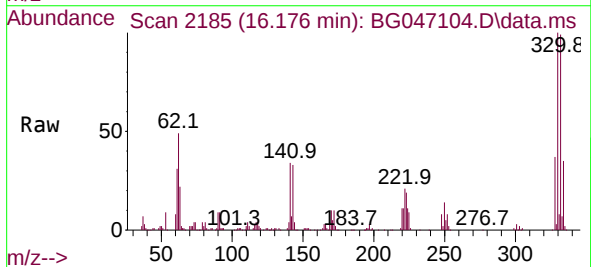
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

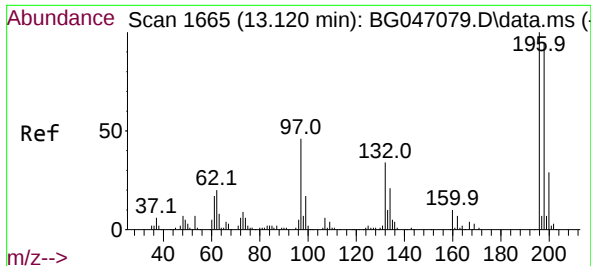
Tgt Ion:237 Resp: 7903
Ion Ratio Lower Upper
237 100
235 59.0 43.1 83.1
272 8.3 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 167.20 ng
RT: 16.176 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:330 Resp: 274180
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 34.7 26.0 39.0

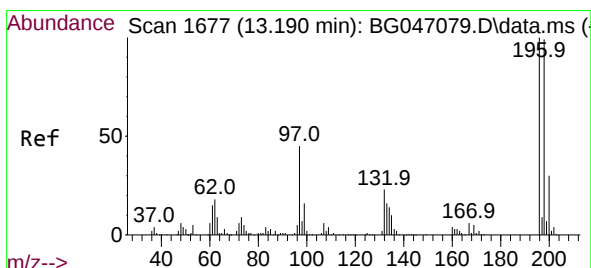
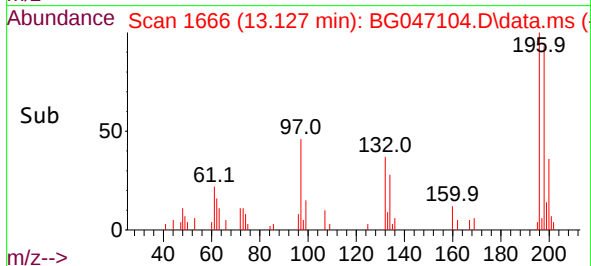
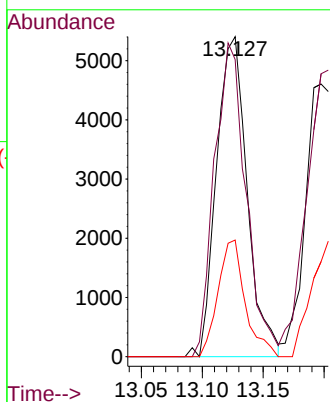
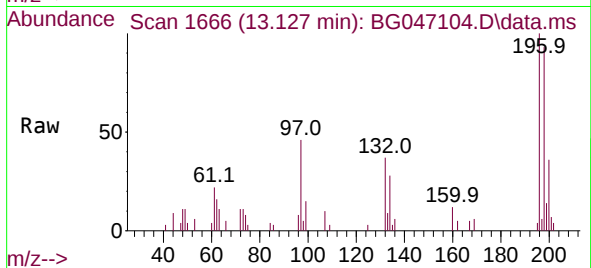




#43
2,4,6-Trichlorophenol
Concen: 3.89 ng
RT: 13.127 min Scan# 1666
Delta R.T. 0.007 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

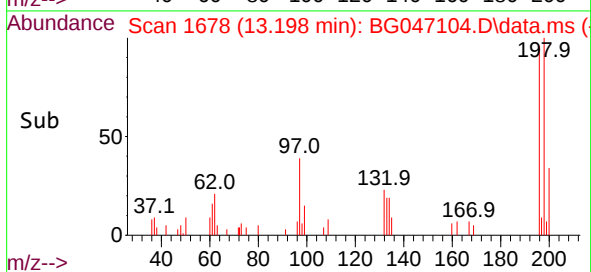
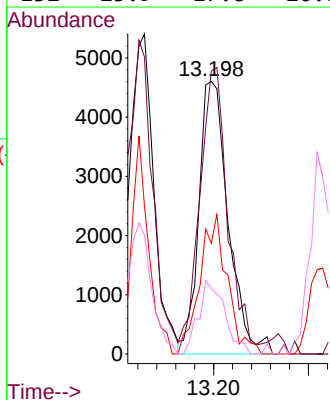
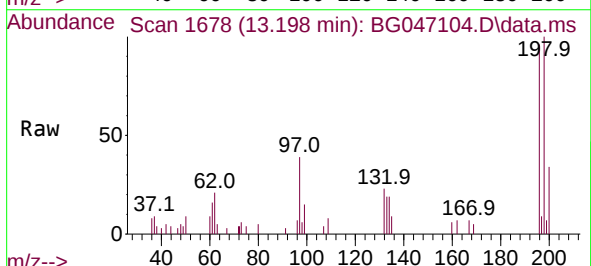
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

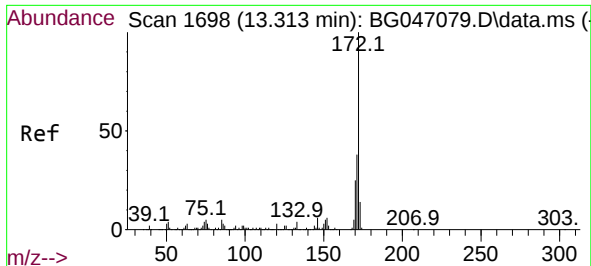
Tgt Ion:196 Resp: 9484
Ion Ratio Lower Upper
196 100
198 92.8 74.9 112.3
200 36.4 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 4.00 ng
RT: 13.198 min Scan# 1678
Delta R.T. 0.007 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:196 Resp: 9905
Ion Ratio Lower Upper
196 100
198 103.8 77.6 116.4
97 40.6 28.6 43.0
132 23.9 17.8 26.8

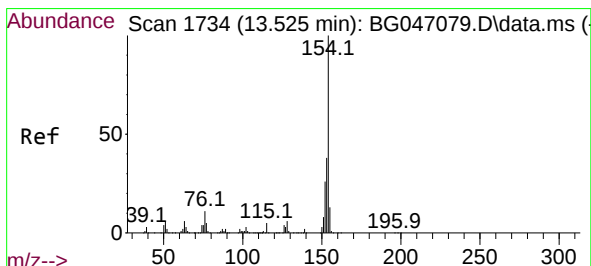
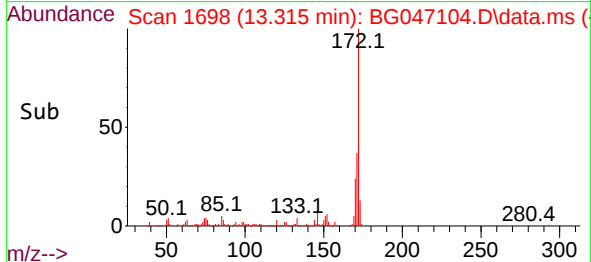
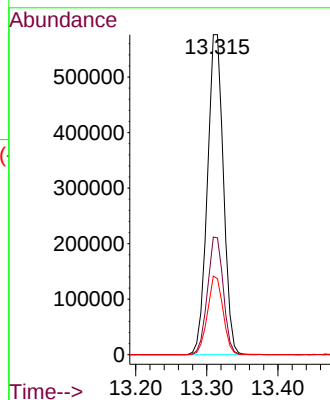
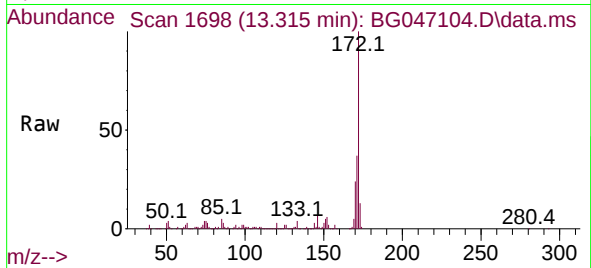




#45
2-Fluorobiphenyl
Concen: 124.94 ng
RT: 13.315 min Scan# 1698
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

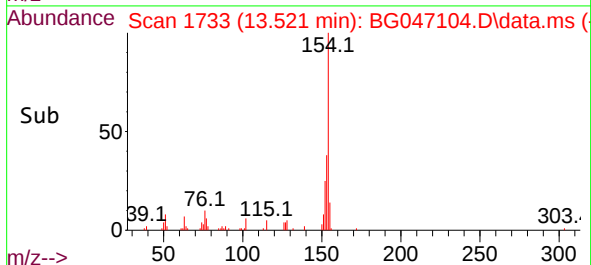
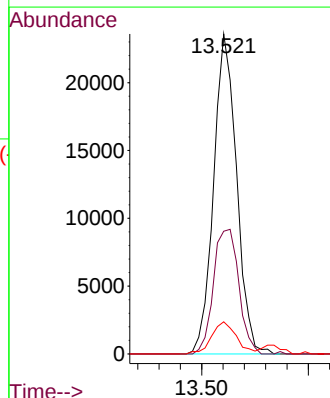
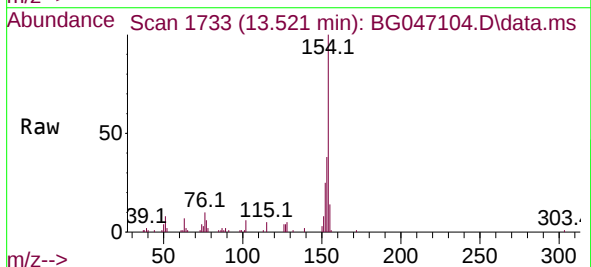
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

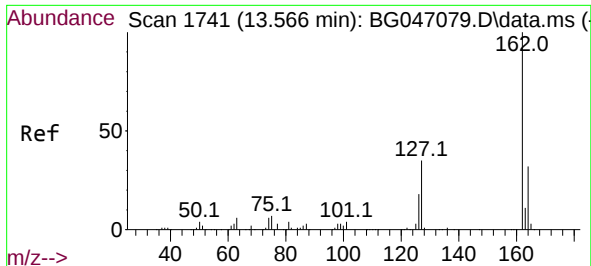
Tgt Ion:172 Resp: 904114
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 23.8 20.8 31.2



#46
1,1'-Biphenyl
Concen: 4.55 ng
RT: 13.521 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:154 Resp: 35270
Ion Ratio Lower Upper
154 100
153 38.4 22.6 62.6
76 10.0 0.0 32.6

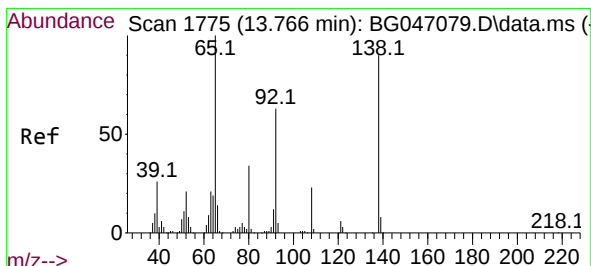
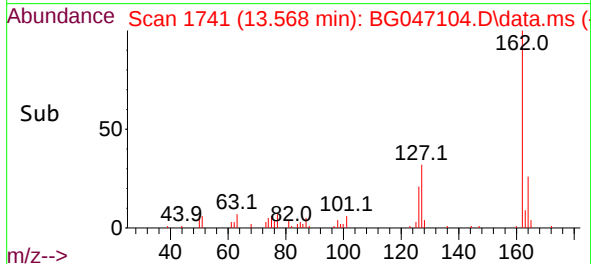
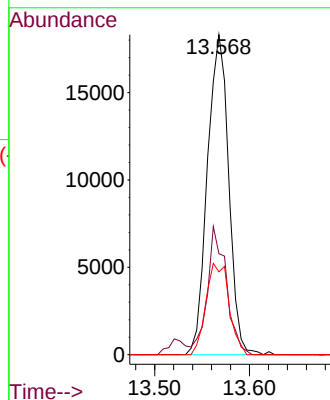
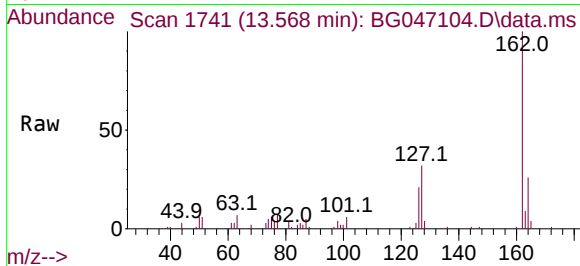




#47
2-Chloronaphthalene
Concen: 4.48 ng
RT: 13.568 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

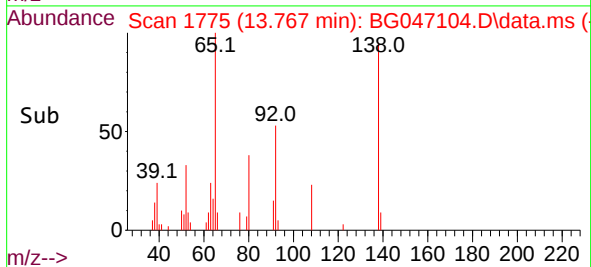
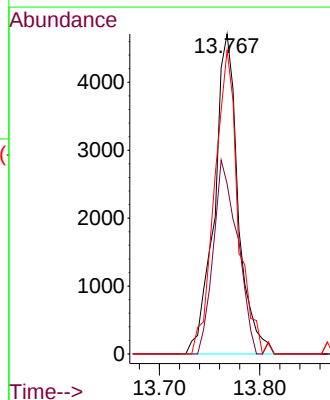
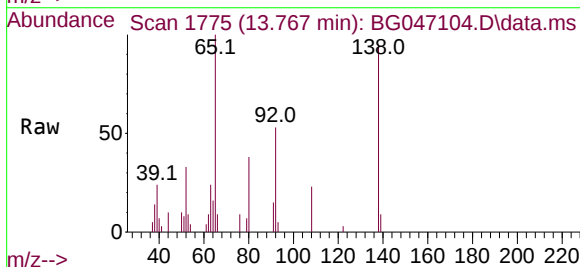
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

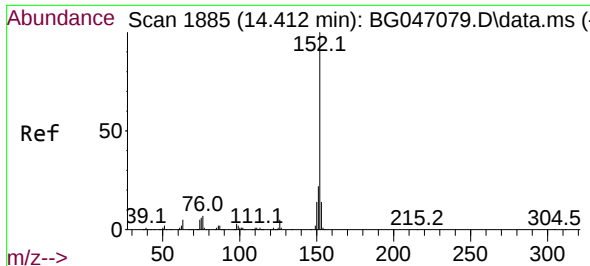
Tgt Ion:	162	Resp:	28541
Ion	Ratio	Lower	Upper
162	100		
127	31.6	27.8	41.6
164	25.9	27.0	40.4#



#48
2-Nitroaniline
Concen: 3.73 ng
RT: 13.767 min Scan# 1775
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	65	Resp:	7750
Ion	Ratio	Lower	Upper
65	100		
92	53.2	58.6	88.0#
138	94.9	98.2	147.4#

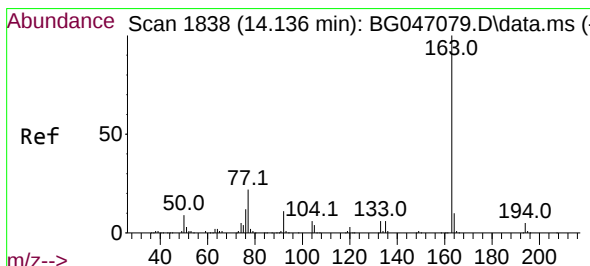
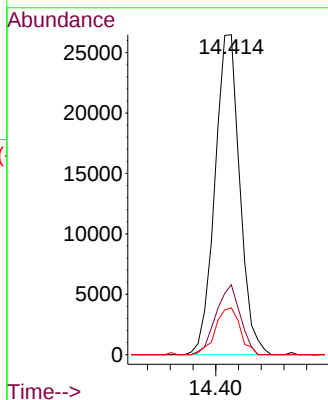
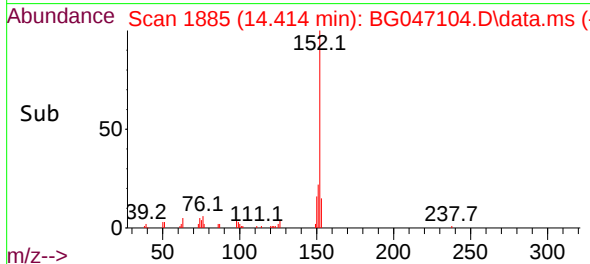
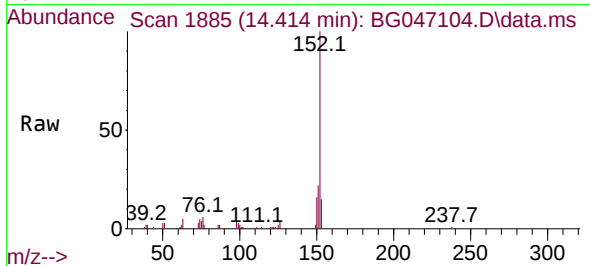




#49
Acenaphthylene
Concen: 4.35 ng
RT: 14.414 min Scan# 1885
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

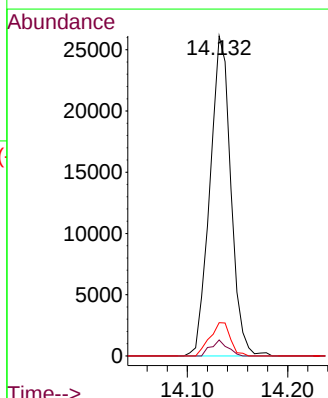
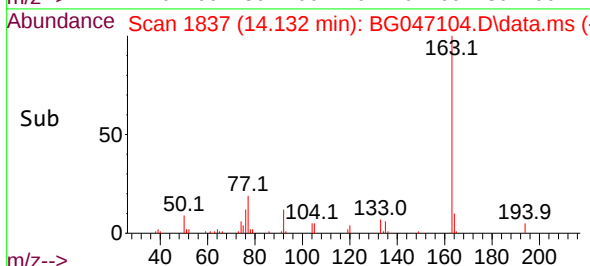
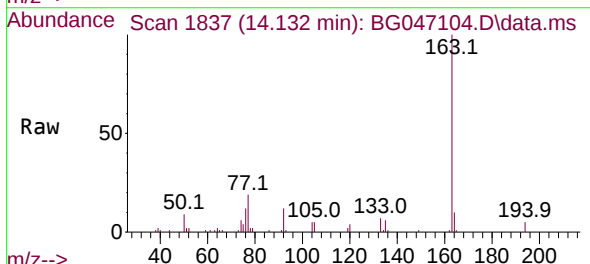
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

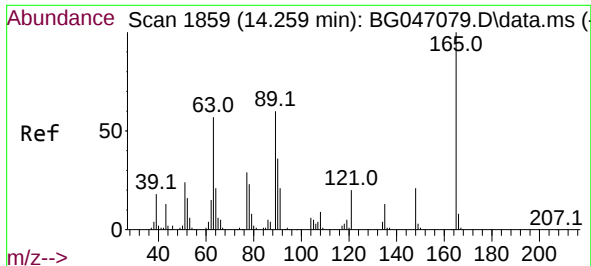
Tgt Ion:	152	Resp:	40244
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.4	26.0
153	14.6	11.5	17.3



#50
Dimethylphthalate
Concen: 4.49 ng
RT: 14.132 min Scan# 1837
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	163	Resp:	37806
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	10.4	8.8	13.2

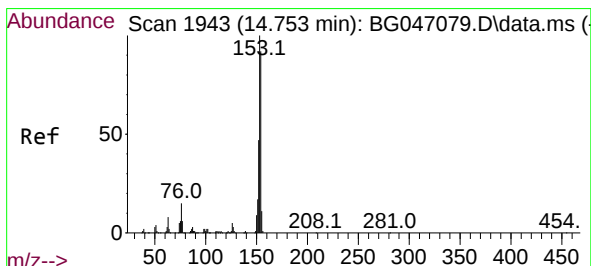
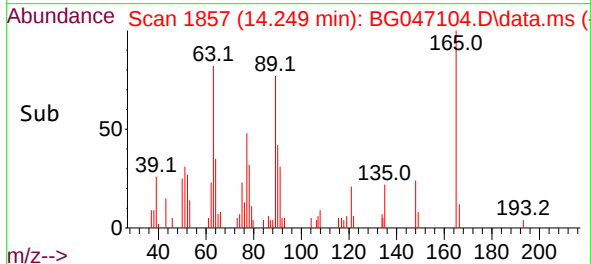
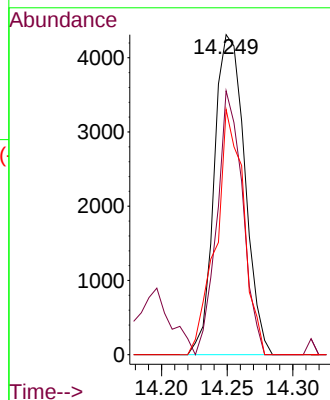
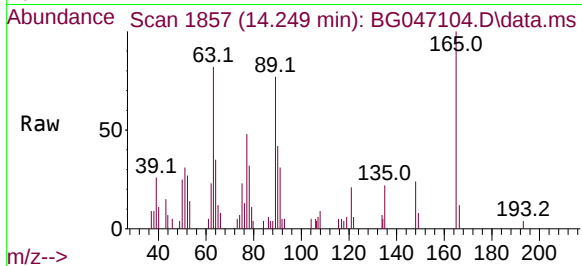




#51
2,6-Dinitrotoluene
Concen: 3.96 ng
RT: 14.249 min Scan# 1857
Delta R.T. -0.010 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

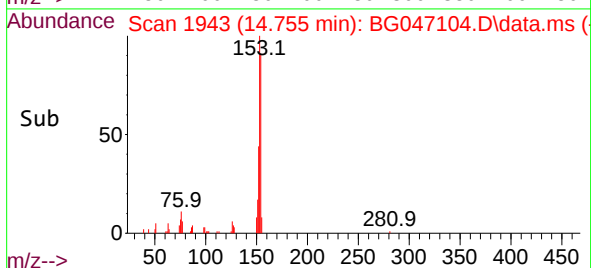
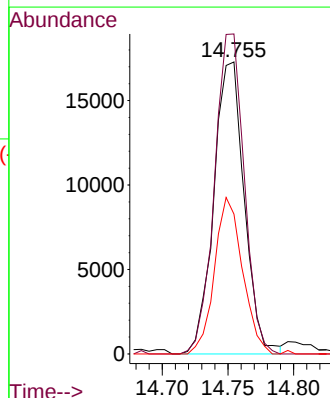
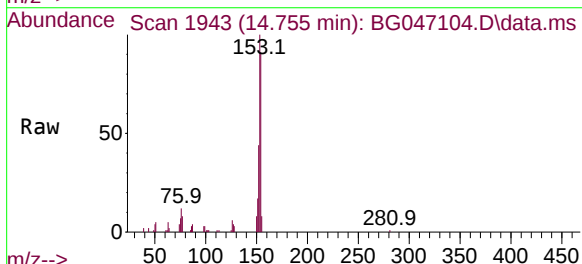
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

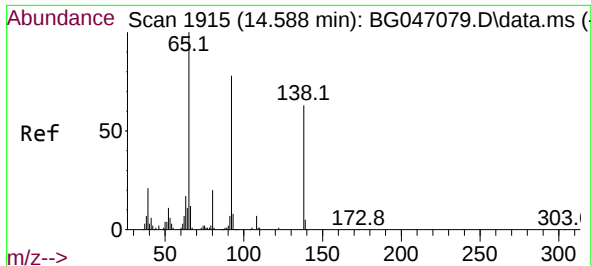
Tgt Ion:	165	Resp:	6965
Ion Ratio	Lower	Upper	
165	100		
63	82.4	33.7	50.5#
89	76.6	36.6	54.8#



#52
Acenaphthene
Concen: 4.63 ng
RT: 14.755 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	154	Resp:	27956
Ion Ratio	Lower	Upper	
154	100		
153	109.6	90.3	135.5
152	47.9	43.8	65.8

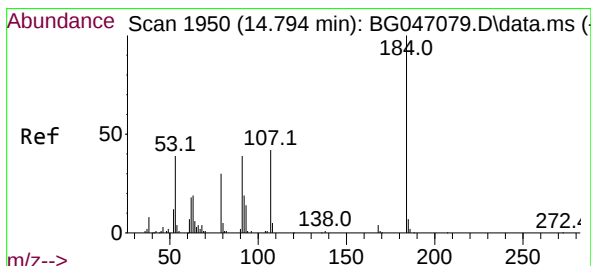
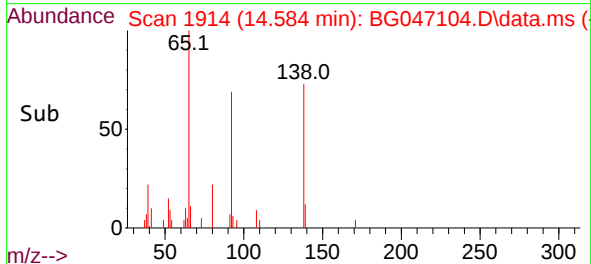
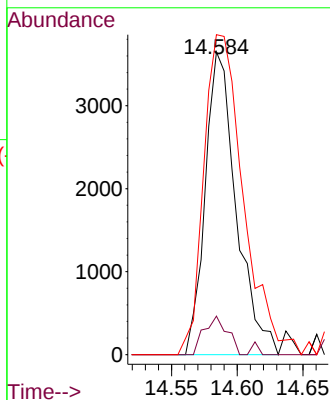
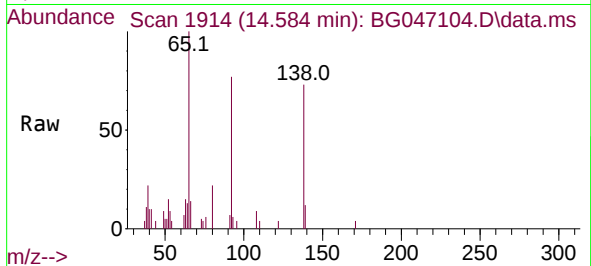




#53
3-Nitroaniline
Concen: 3.44 ng
RT: 14.584 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

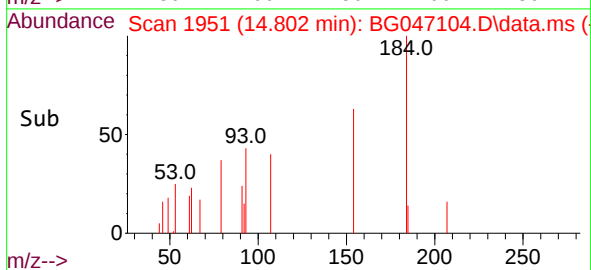
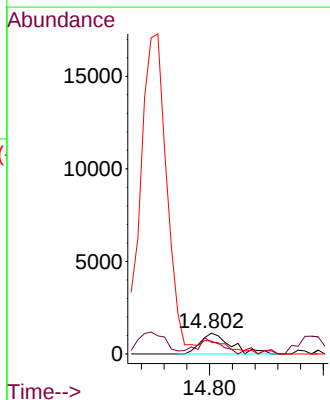
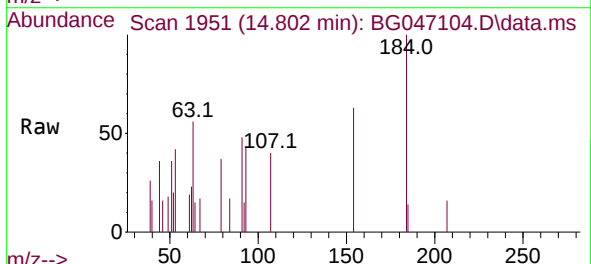
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

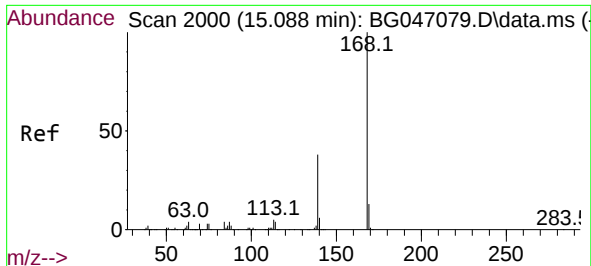
Tgt Ion:138 Resp: 6009
Ion Ratio Lower Upper
138 100
108 12.7 7.4 11.0#
92 105.7 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 1.78 ng
RT: 14.802 min Scan# 1951
Delta R.T. 0.008 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:184 Resp: 2062
Ion Ratio Lower Upper
184 100
63 56.0 32.3 48.5#
154 62.5 40.4 60.6#

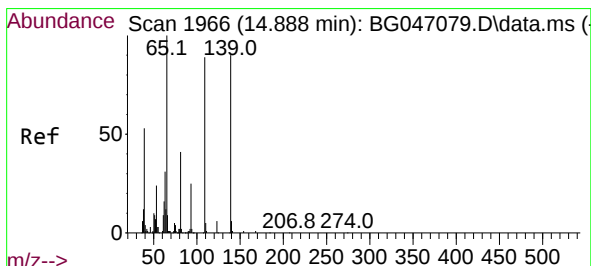
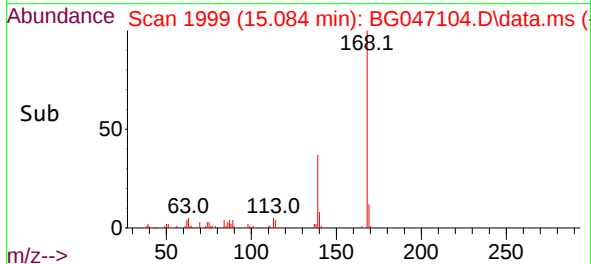
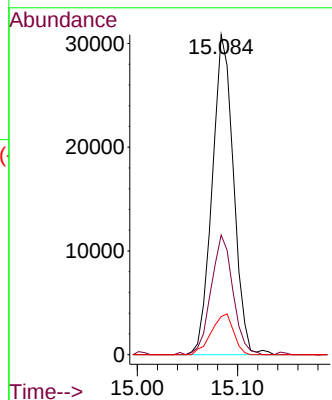
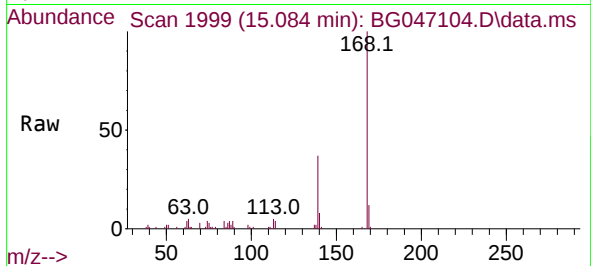




#55
Dibenzofuran
Concen: 4.69 ng
RT: 15.084 min Scan# 1999
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

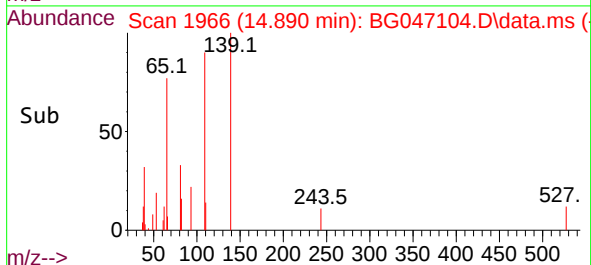
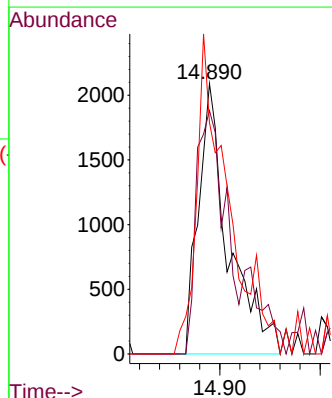
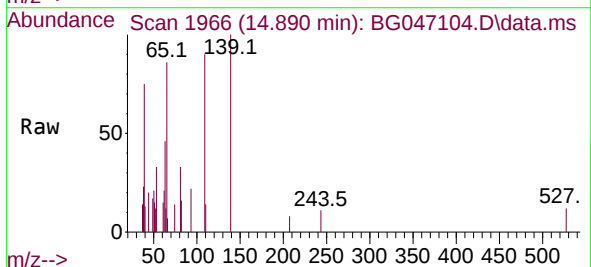
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

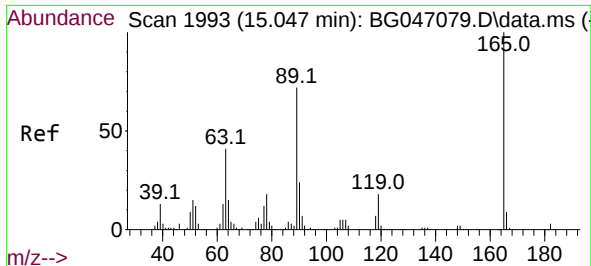
Tgt Ion:168	Resp:	45484
Ion Ratio	Lower	Upper
168	100	
139	37.4	28.6 43.0
169	11.9	11.0 16.6



#56
4-Nitrophenol
Concen: 3.19 ng
RT: 14.890 min Scan# 1966
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:139	Resp:	4359
Ion Ratio	Lower	Upper
139	100	
109	90.0	45.9 85.9#
65	85.6	65.4 105.4

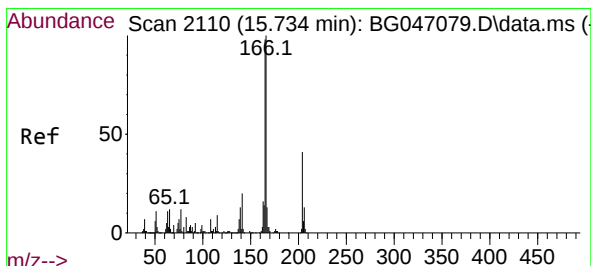
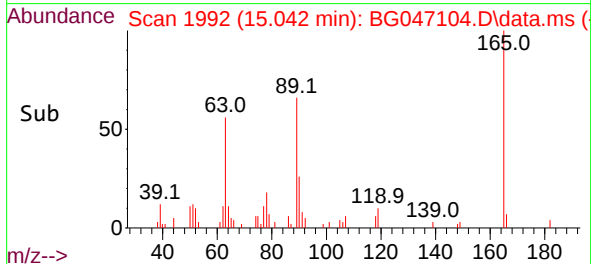
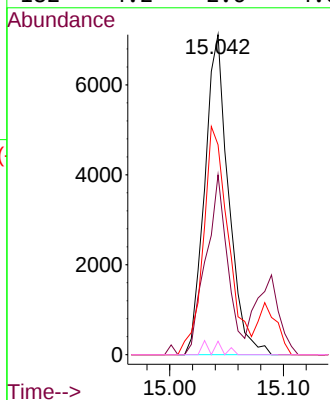
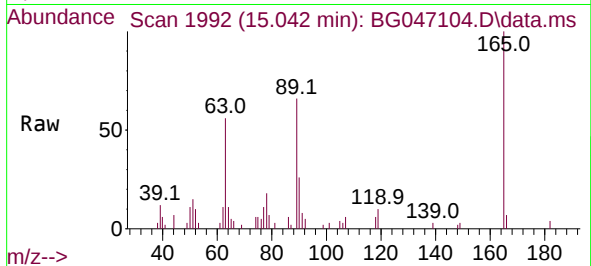




#57
2,4-Dinitrotoluene
Concen: 4.09 ng
RT: 15.042 min Scan# 1992
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

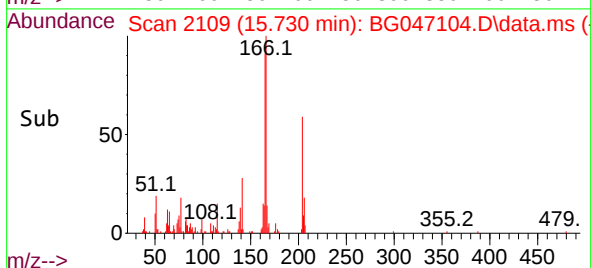
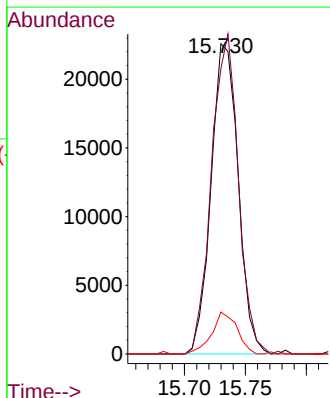
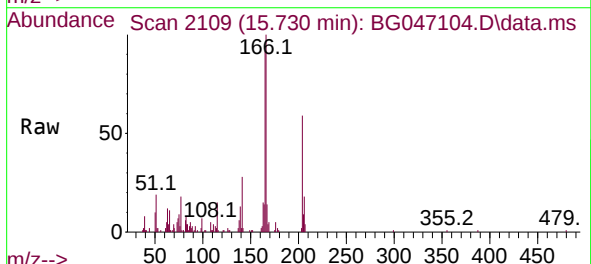
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

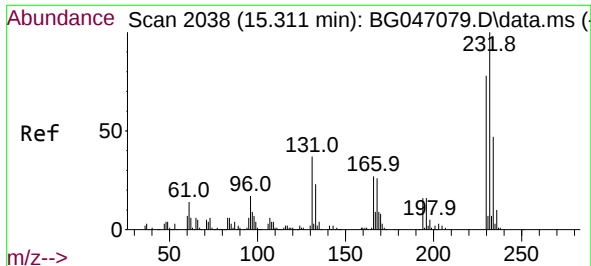
Tgt Ion:165	Resp:	10335
Ion Ratio	Lower	Upper
165	100	
63	56.2	26.4 39.6#
89	65.6	47.8 71.8
182	4.2	2.6 4.0#



#58
Fluorene
Concen: 4.46 ng
RT: 15.730 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:166	Resp:	34929
Ion Ratio	Lower	Upper
166	100	
165	92.0	77.2 115.8
167	13.5	11.4 17.2

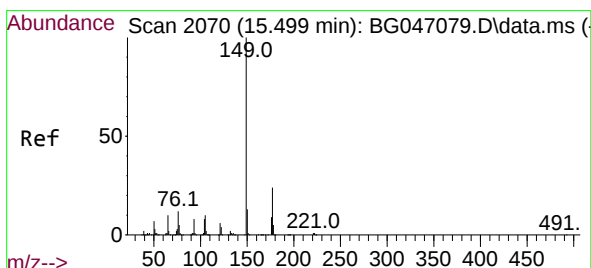
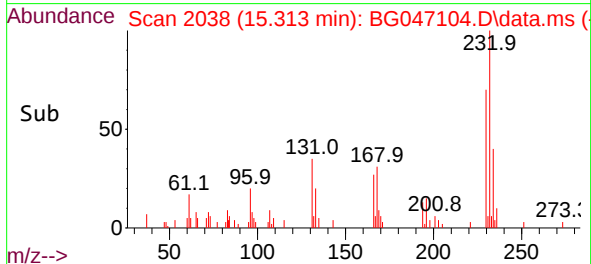
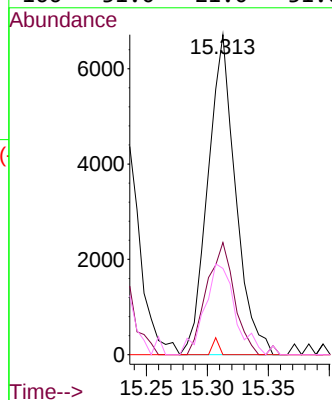
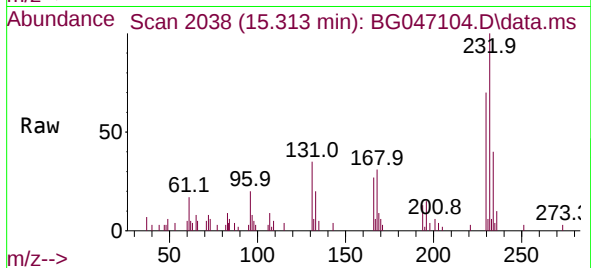




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.03 ng
RT: 15.313 min Scan# 2038
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

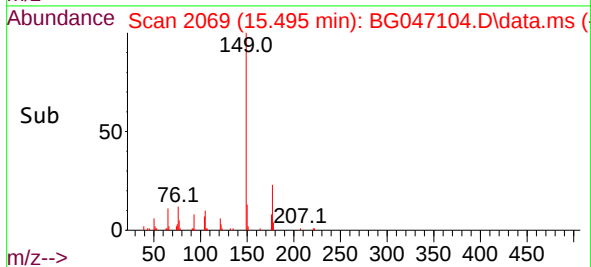
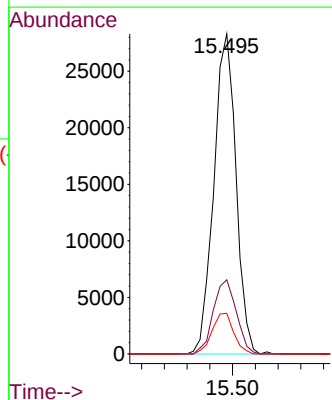
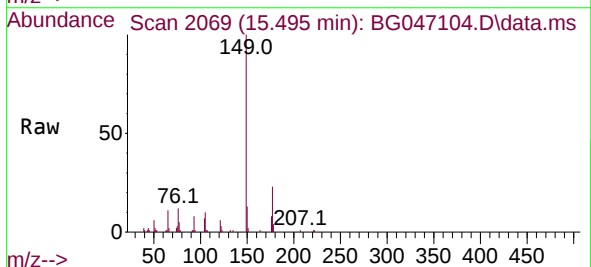
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

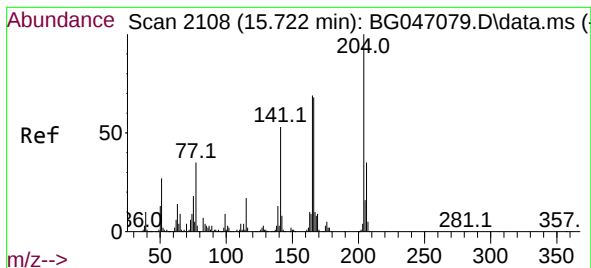
Tgt Ion:	232	Resp:	10602
Ion Ratio	Lower	Upper	
232	100		
131	34.6	26.6	40.0
130	1.2	1.4	2.0#
166	31.0	21.0	31.6



#60
Diethylphthalate
Concen: 4.56 ng
RT: 15.495 min Scan# 2069
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	149	Resp:	38291
Ion Ratio	Lower	Upper	
149	100		
177	23.2	21.4	32.2
150	12.7	10.7	16.1

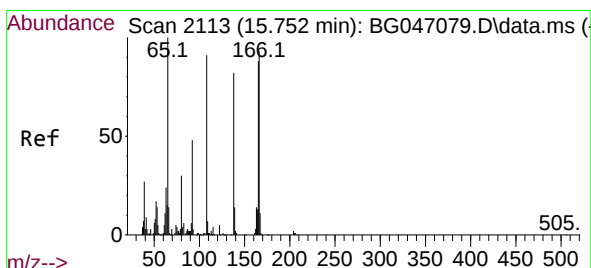
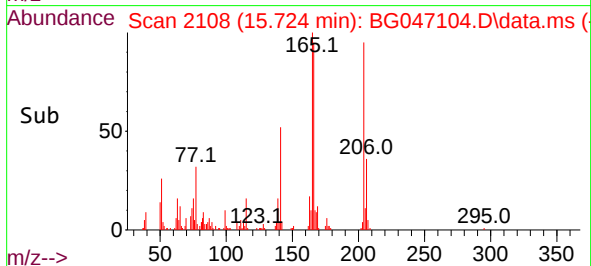
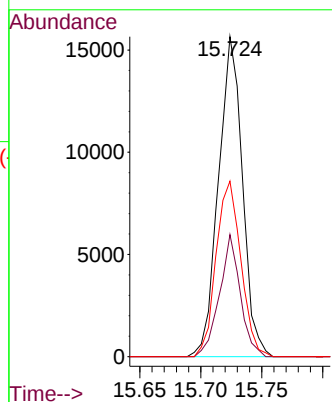
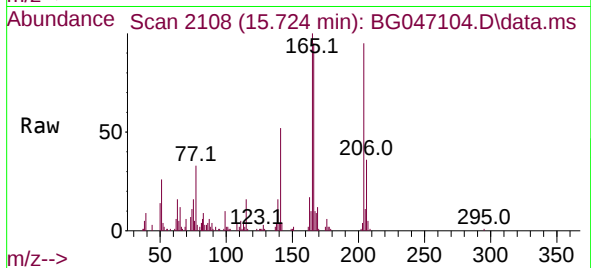




#61
4-Chlorophenyl-phenylether
Concen: 4.59 ng
RT: 15.724 min Scan# 2108
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

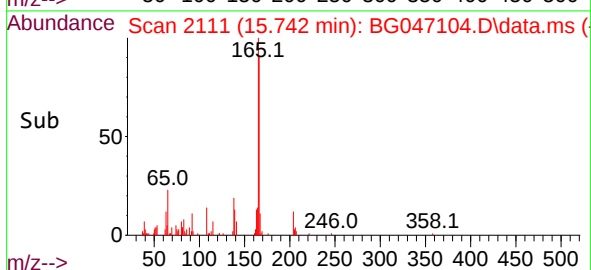
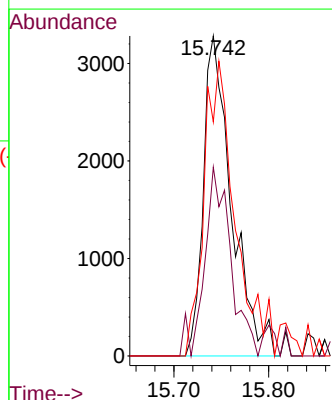
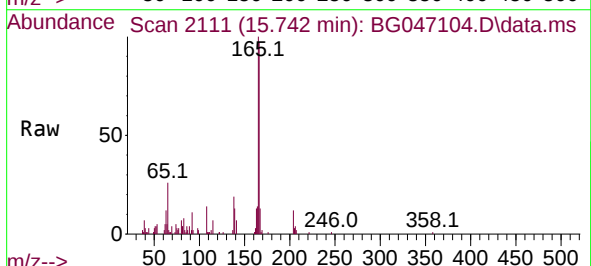
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

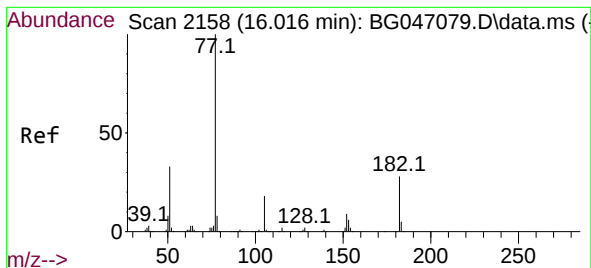
Tgt Ion:204 Resp: 21417
Ion Ratio Lower Upper
204 100
206 38.1 27.8 41.8
141 54.8 41.5 62.3



#62
4-Nitroaniline
Concen: 3.61 ng
RT: 15.742 min Scan# 2111
Delta R.T. -0.010 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:138 Resp: 6767
Ion Ratio Lower Upper
138 100
92 59.0 26.9 66.9
108 73.2 49.4 89.4

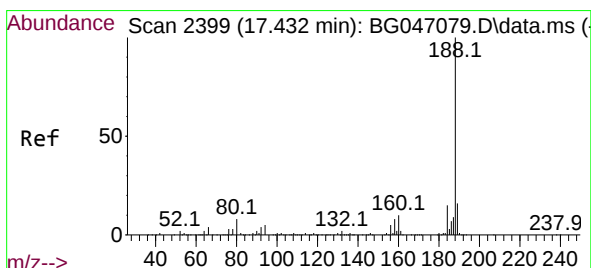
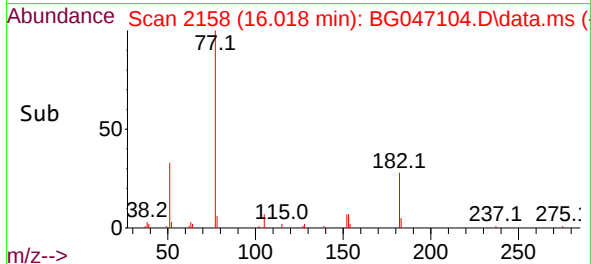
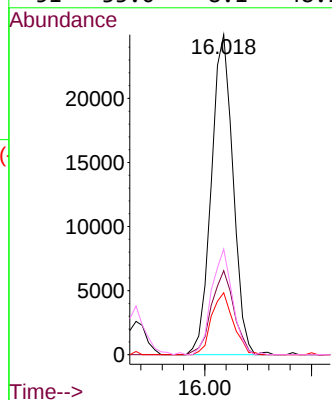
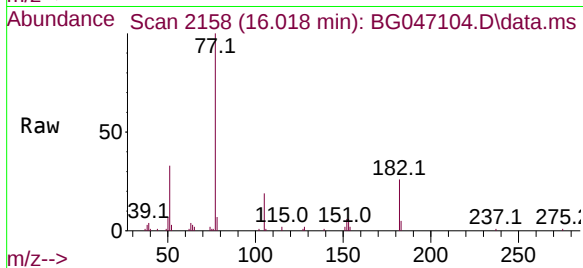




#63
Azobenzene
Concen: 4.72 ng
RT: 16.018 min Scan# 2158
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

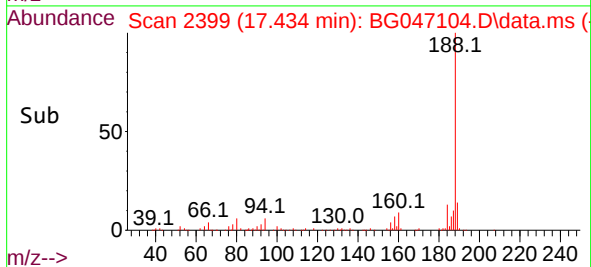
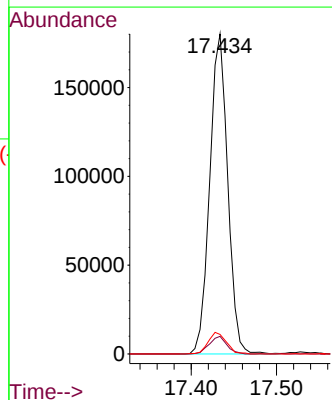
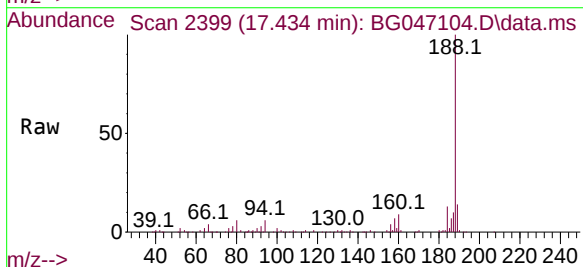
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

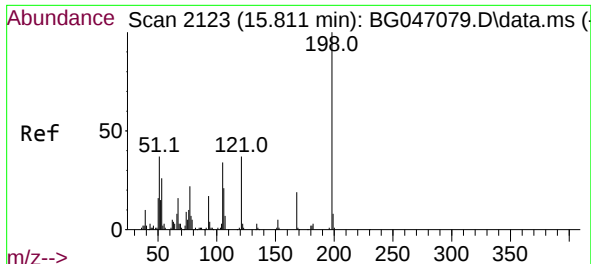
Tgt Ion: 77	Resp: 35224
Ion Ratio	Lower Upper
77 100	
182 26.3	14.0 54.0
105 19.3	3.0 43.0
51 33.0	8.1 48.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.434 min Scan# 2399
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion: 188	Resp: 263460
Ion Ratio	Lower Upper
188 100	
94 5.5	6.3 9.5#
80 6.1	7.0 10.6#

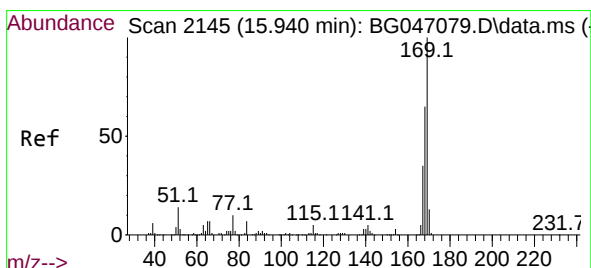
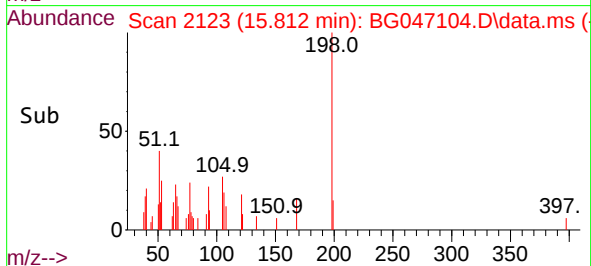
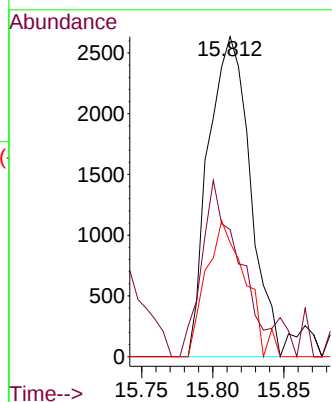
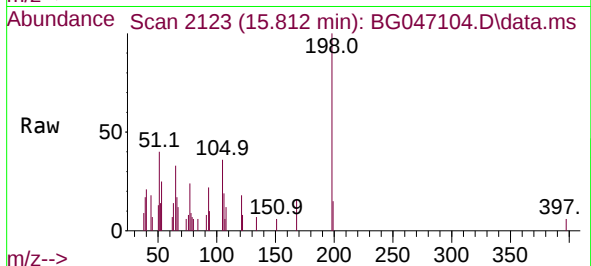




#65
4,6-Dinitro-2-methylphenol
Concen: 3.31 ng
RT: 15.812 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

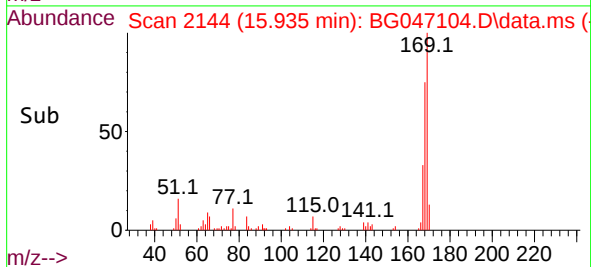
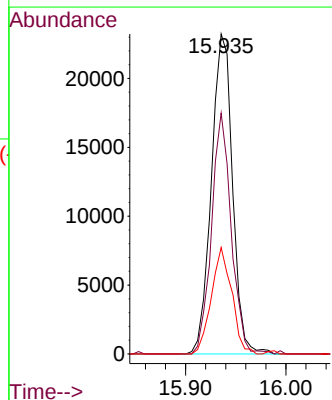
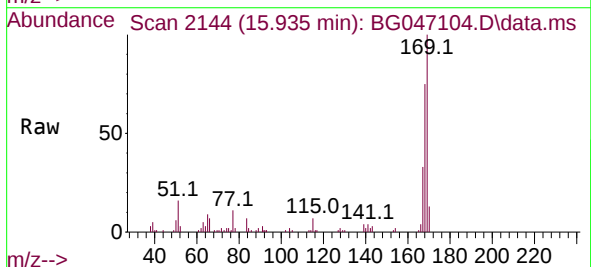
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

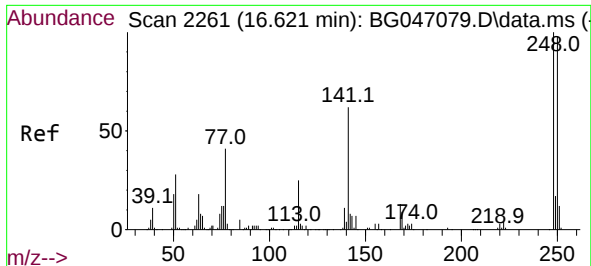
Tgt Ion:	198	Resp:	5367
Ion	Ratio	Lower	Upper
198	100		
51	39.7	10.4	50.4
105	35.6	12.9	52.9



#66
n-Nitrosodiphenylamine
Concen: 4.50 ng
RT: 15.935 min Scan# 2144
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:	169	Resp:	34041
Ion	Ratio	Lower	Upper
169	100		
168	75.2	55.5	83.3
167	33.2	30.5	45.7

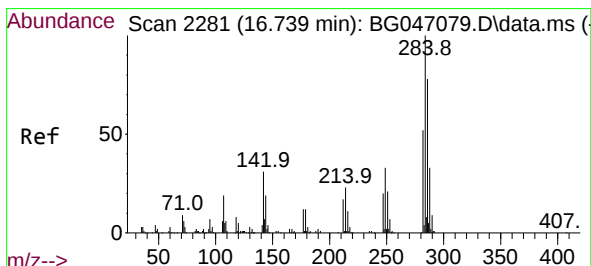
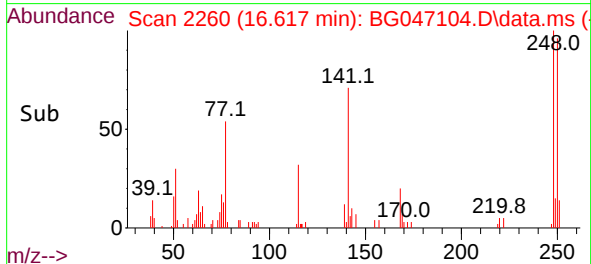
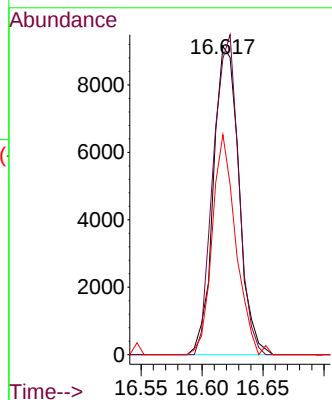
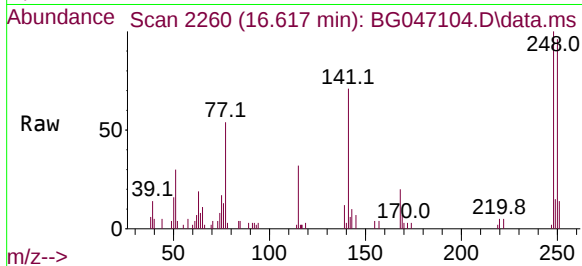




#67
 4-Bromophenyl-phenylether
 Concen: 3.85 ng
 RT: 16.617 min Scan# 2260
 Delta R.T. -0.004 min
 Lab File: BG047104.D
 Acq: 28 Oct 2020 12:04

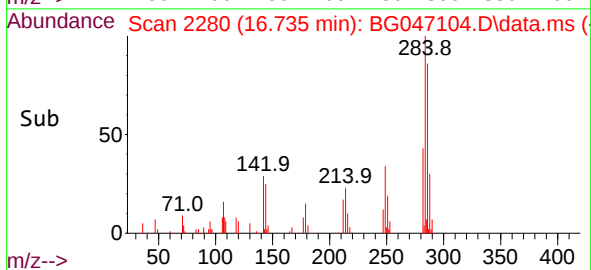
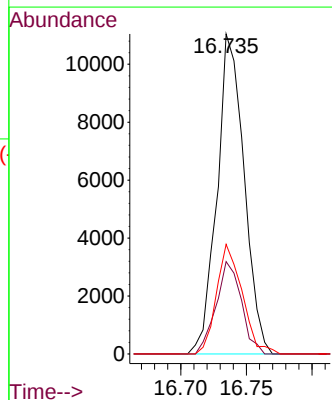
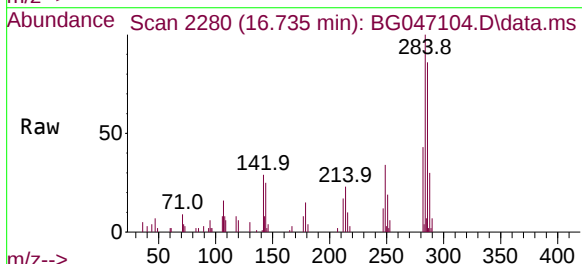
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

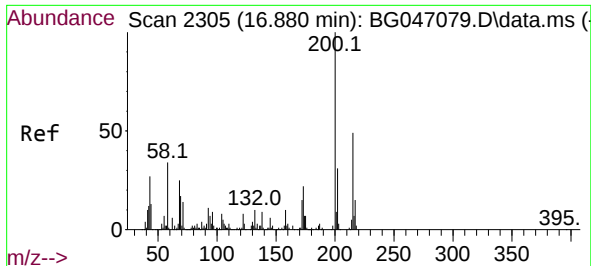
Tgt Ion:248 Resp: 13343
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.9 118.3
 141 71.3 46.2 69.4#



#68
 Hexachlorobenzene
 Concen: 4.32 ng
 RT: 16.735 min Scan# 2280
 Delta R.T. -0.004 min
 Lab File: BG047104.D
 Acq: 28 Oct 2020 12:04

Tgt Ion:284 Resp: 15808
 Ion Ratio Lower Upper
 284 100
 142 28.8 21.1 31.7
 249 37.6 25.9 38.9

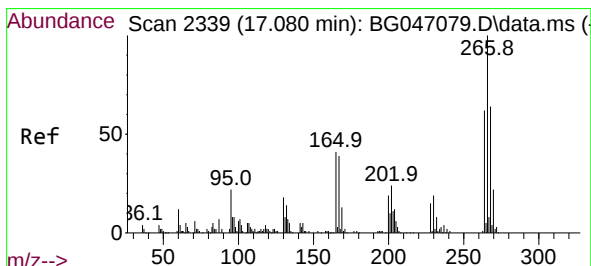
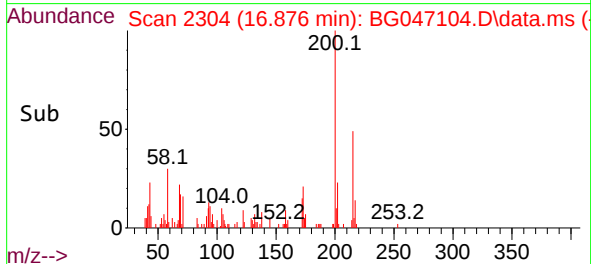
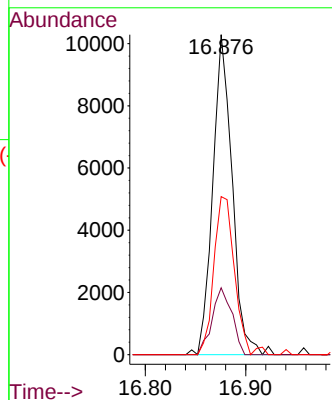
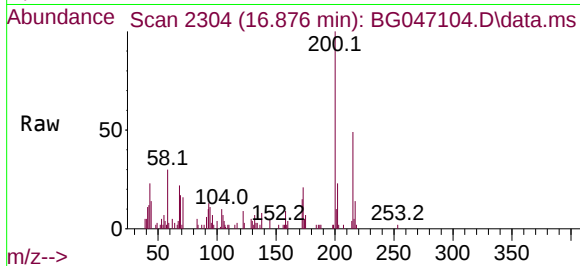




#69
Atrazine
Concen: 4.43 ng
RT: 16.876 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

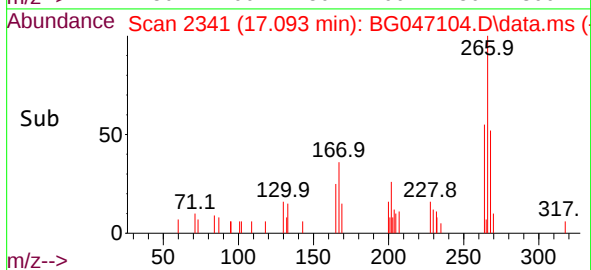
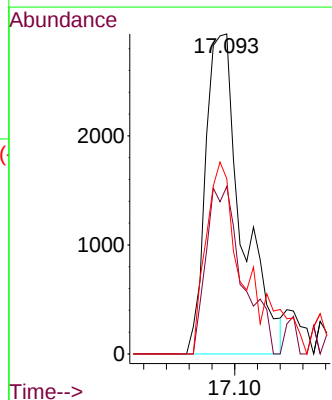
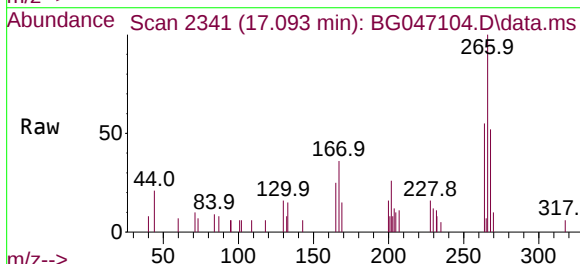
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

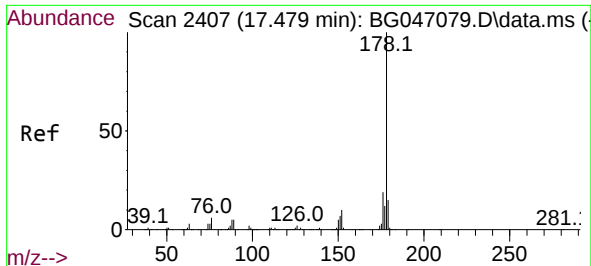
Tgt Ion:200 Resp: 13789
Ion Ratio Lower Upper
200 100
173 20.9 4.2 44.2
215 49.4 30.0 70.0



#70
Pentachlorophenol
Concen: 3.04 ng
RT: 17.093 min Scan# 2341
Delta R.T. 0.013 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:266 Resp: 6476
Ion Ratio Lower Upper
266 100
268 52.3 49.8 74.6
264 54.8 49.3 73.9

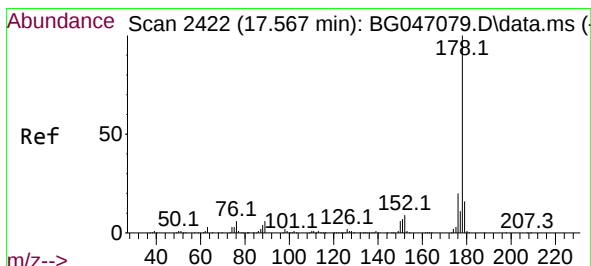
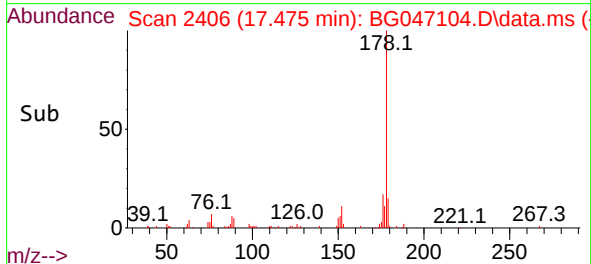
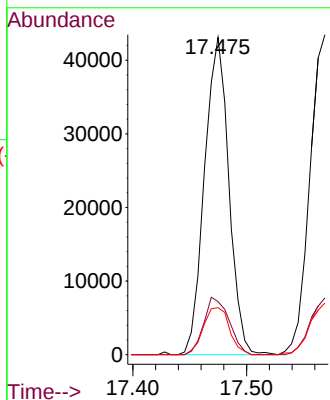
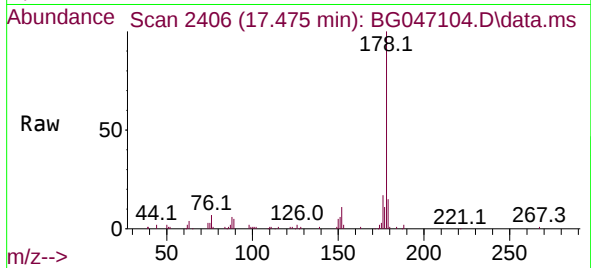




#71
Phenanthrene
Concen: 4.55 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

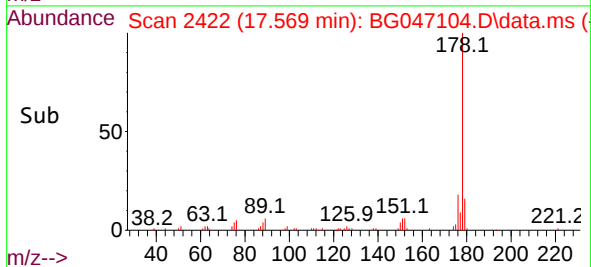
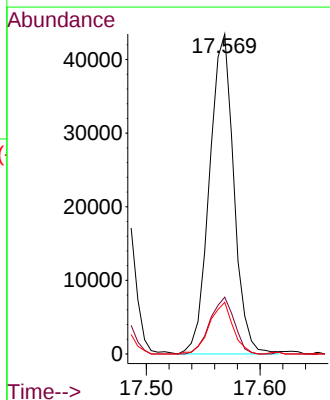
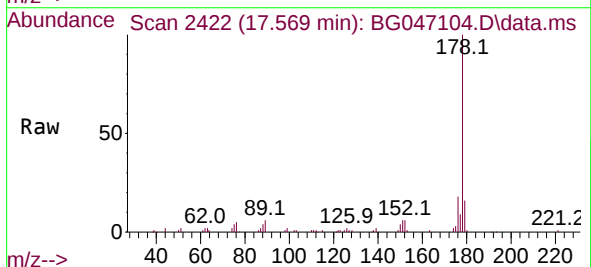
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

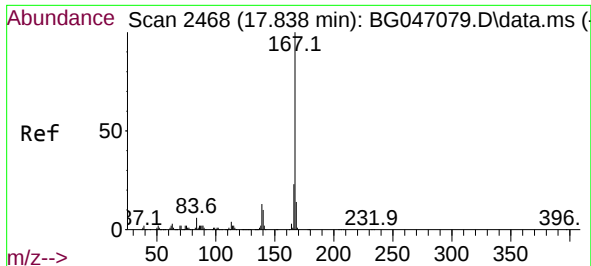
Tgt Ion:178 Resp: 63991
Ion Ratio Lower Upper
178 100
176 16.7 16.7 25.1
179 14.8 14.0 21.0



#72
Anthracene
Concen: 4.68 ng
RT: 17.569 min Scan# 2422
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

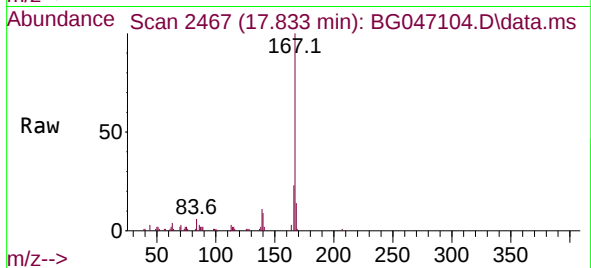
Tgt Ion:178 Resp: 64581
Ion Ratio Lower Upper
178 100
176 17.8 16.4 24.6
179 16.1 13.8 20.6





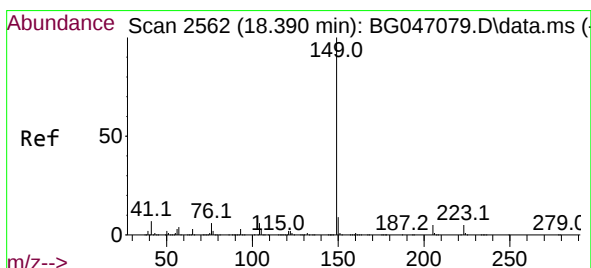
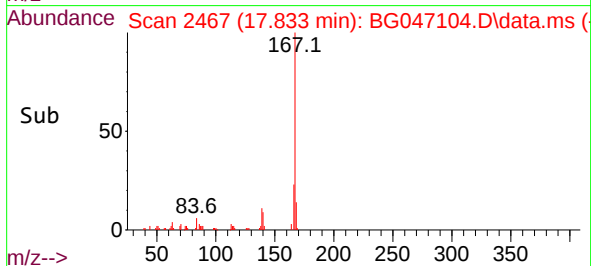
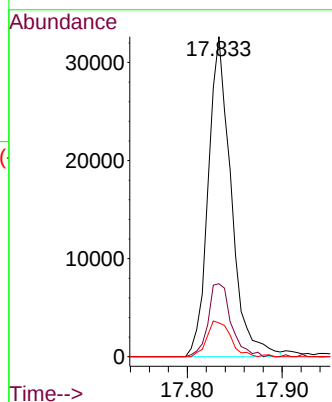
#73
 Carbazole
 Concen: 4.47 ng
 RT: 17.833 min Scan# 2467
 Delta R.T. -0.004 min
 Lab File: BG047104.D
 Acq: 28 Oct 2020 12:04

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



Tgt Ion:167 Resp: 54793

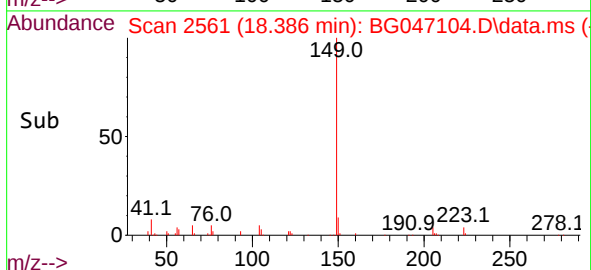
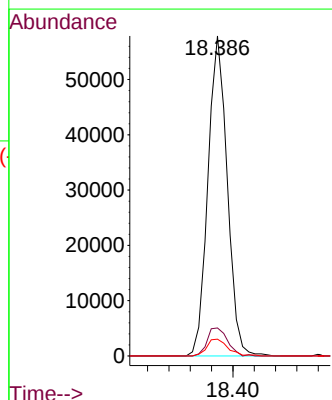
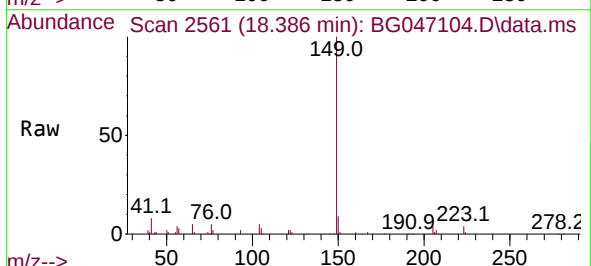
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.7	28.1
139	10.5	9.6	14.4

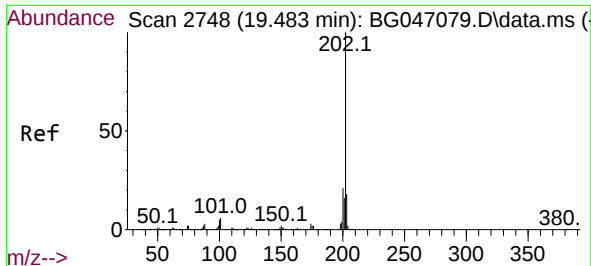


#74
 Di-n-butylphthalate
 Concen: 4.80 ng
 RT: 18.386 min Scan# 2561
 Delta R.T. -0.004 min
 Lab File: BG047104.D
 Acq: 28 Oct 2020 12:04

Tgt Ion:149 Resp: 72703

Ion	Ratio	Lower	Upper
149	100		
150	8.7	8.2	12.4
104	5.3	3.8	5.8

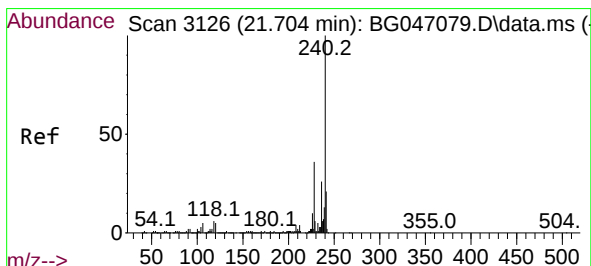
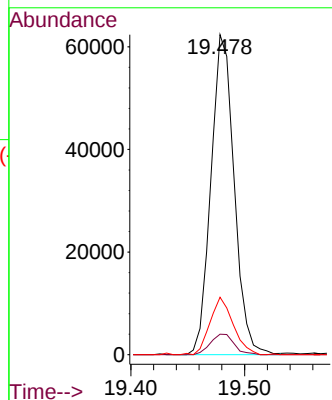
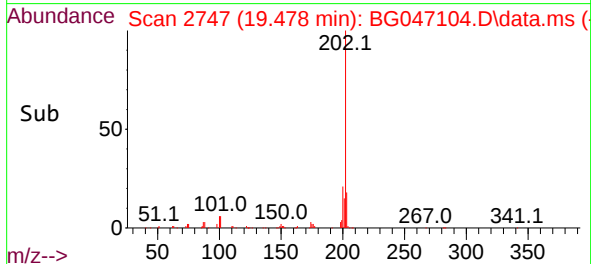
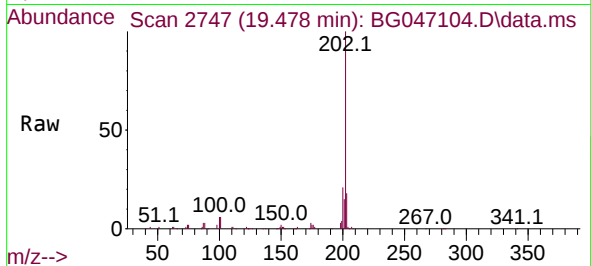




#75
Fluoranthene
Concen: 4.90 ng
RT: 19.478 min Scan# 2747
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

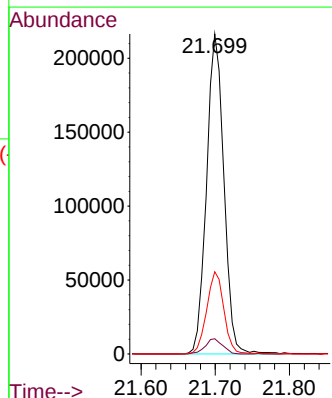
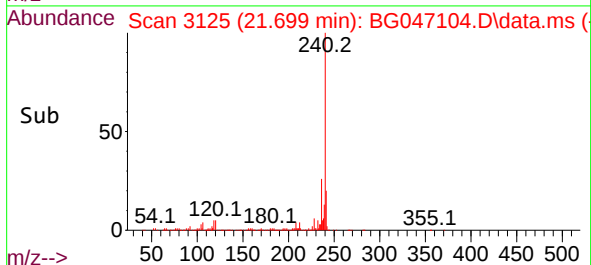
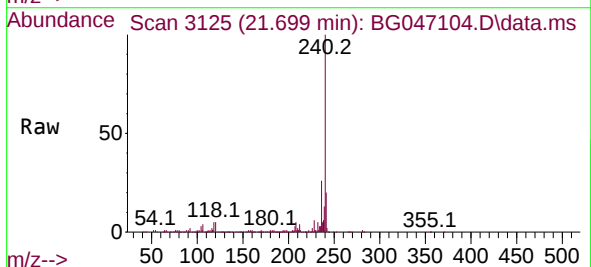
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

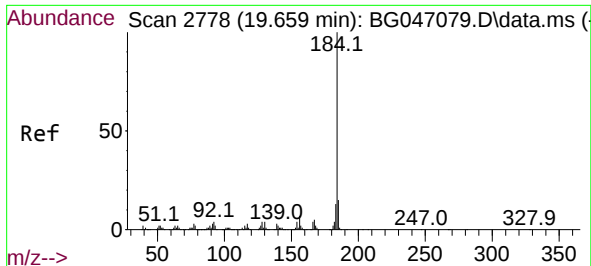
Tgt Ion:202 Resp: 88582
Ion Ratio Lower Upper
202 100
101 6.4 0.0 29.7
203 17.9 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.699 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:240 Resp: 351042
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 25.7 20.5 30.7

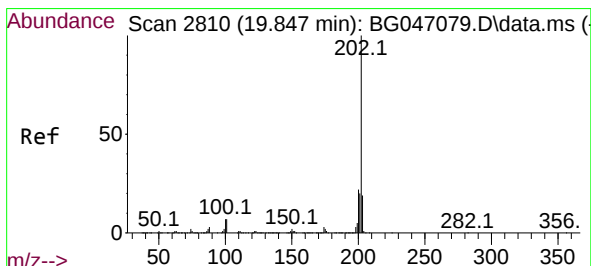
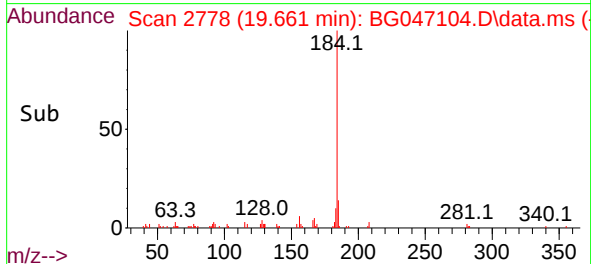
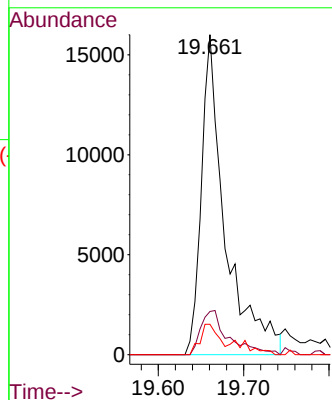
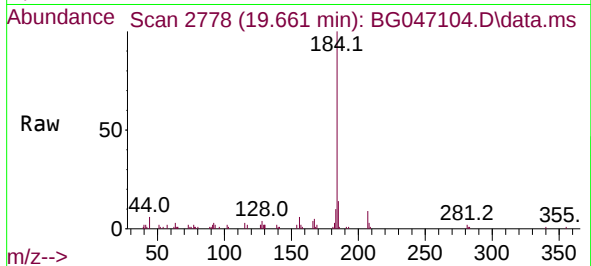




#77
Benzidine
Concen: 3.88 ng
RT: 19.661 min Scan# 2778
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

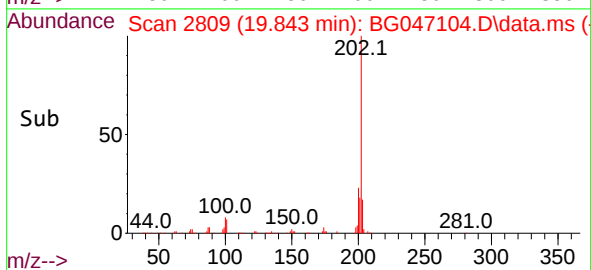
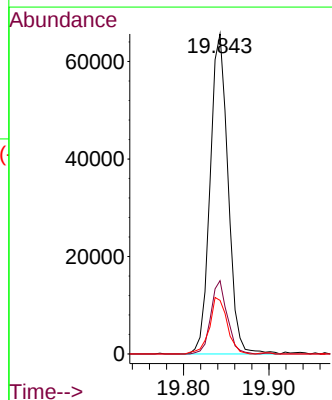
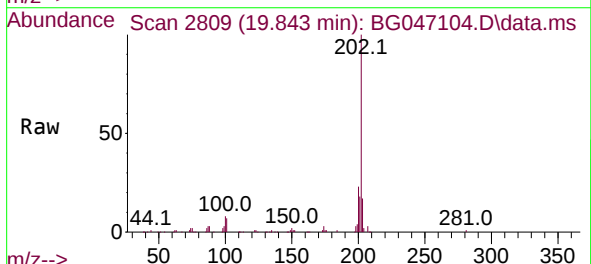
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

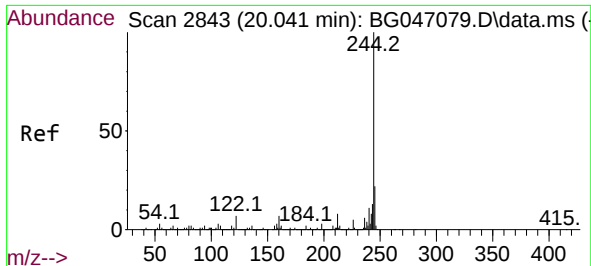
Tgt Ion:184 Resp: 31118
Ion Ratio Lower Upper
184 100
185 13.5 12.4 18.6
183 9.5 10.6 15.8#



#78
Pyrene
Concen: 4.27 ng
RT: 19.843 min Scan# 2809
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:202 Resp: 95626
Ion Ratio Lower Upper
202 100
200 22.9 18.6 27.8
203 16.7 15.3 22.9

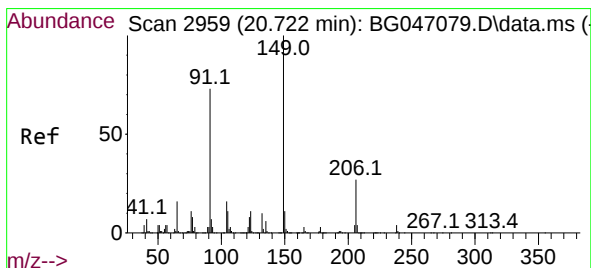
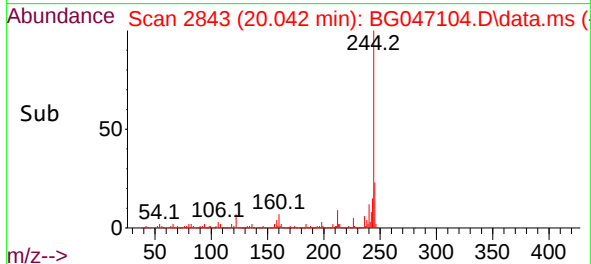
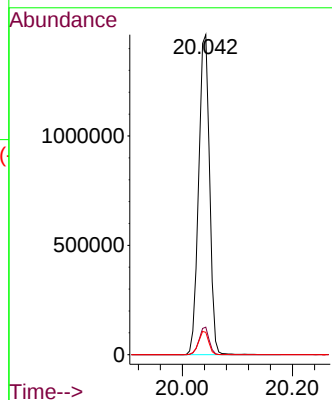
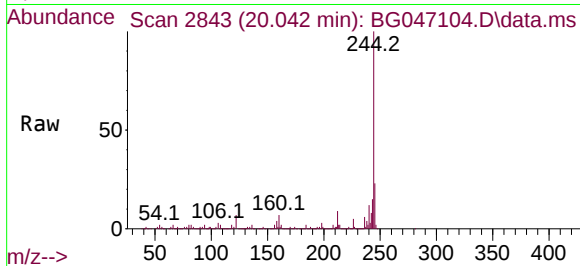




#79
Terphenyl-d14
Concen: 111.74 ng
RT: 20.042 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

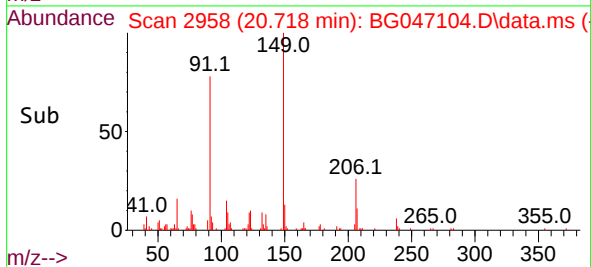
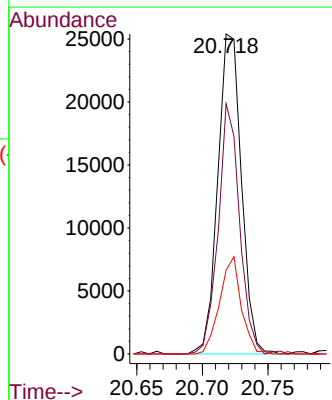
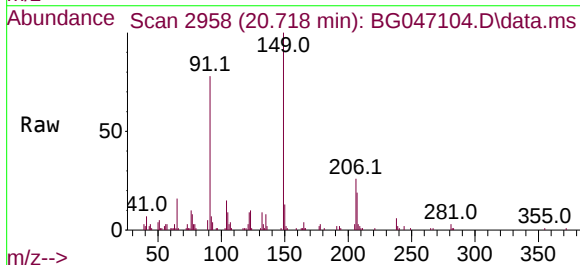
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

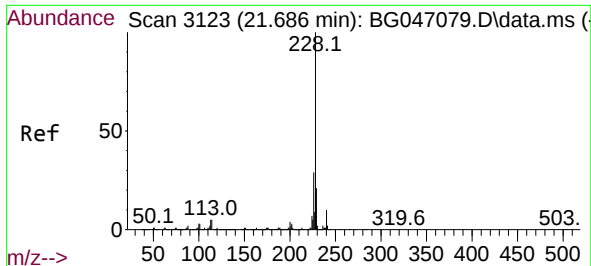
Tgt Ion:244 Resp: 2017289
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 7.0 7.8 11.6#



#80
Butylbenzylphthalate
Concen: 3.70 ng
RT: 20.718 min Scan# 2958
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:149 Resp: 31766
Ion Ratio Lower Upper
149 100
91 78.2 51.5 77.3#
206 26.2 21.2 31.8



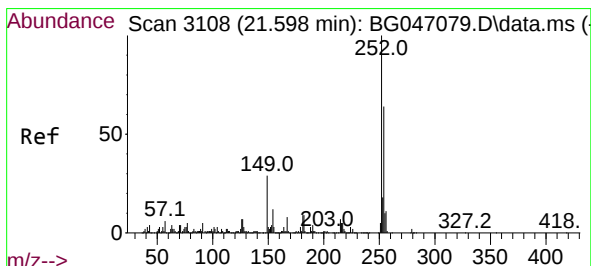
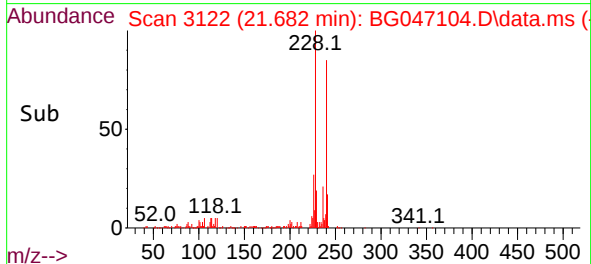
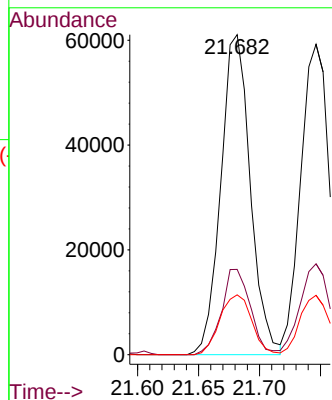
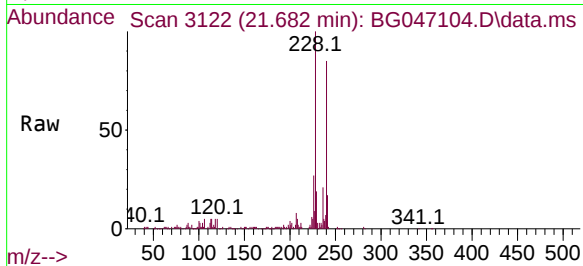


#81
Benzo(a)anthracene
Concen: 4.48 ng
RT: 21.682 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

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

Tgt Ion:228 Resp: 102953

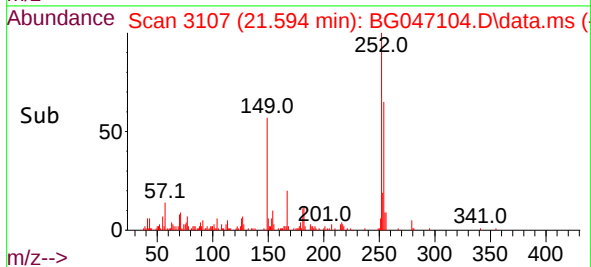
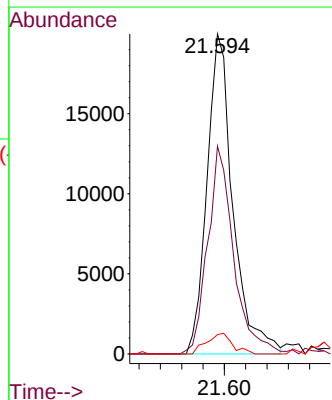
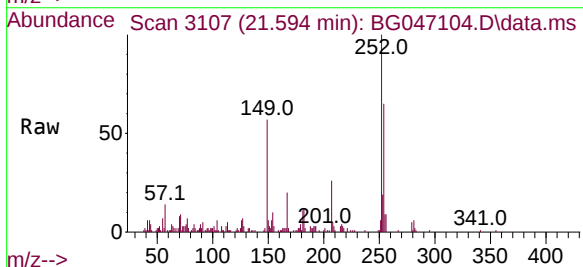
Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.3	34.9
229	18.7	17.4	26.0

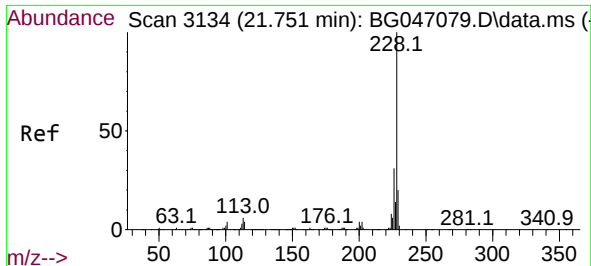


#82
3,3'-Dichlorobenzidine
Concen: 4.06 ng
RT: 21.594 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:252 Resp: 33840

Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.2	79.8
126	6.1	6.8	10.2#

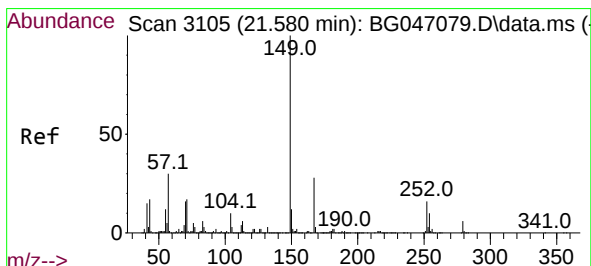
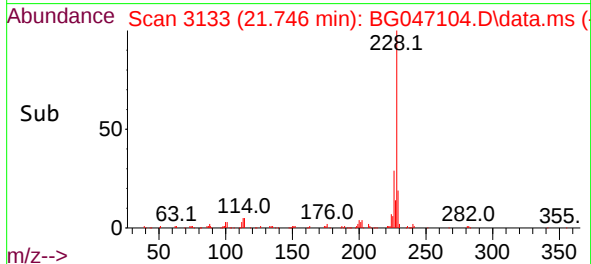
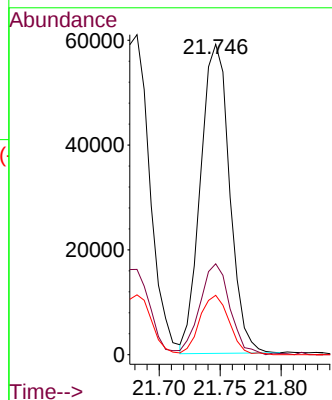
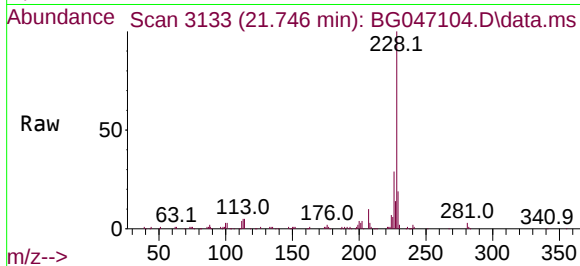




#83
Chrysene
Concen: 4.47 ng
RT: 21.746 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

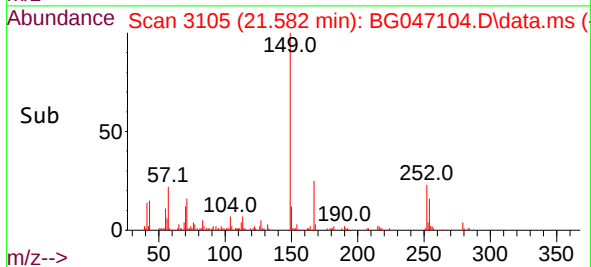
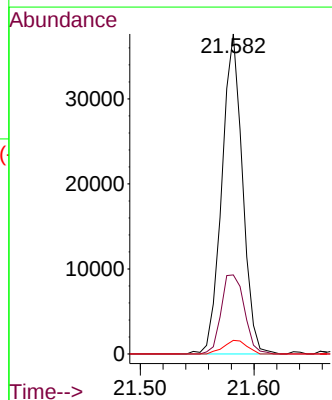
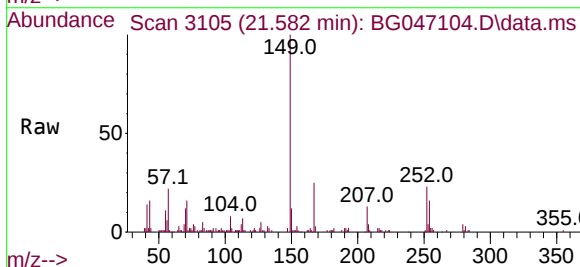
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

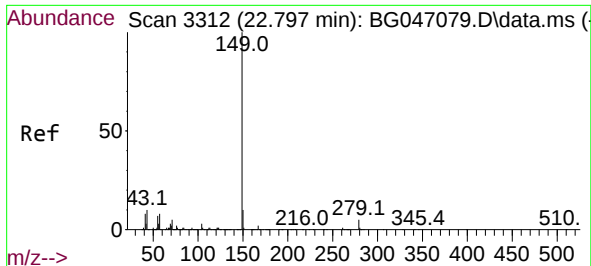
Tgt Ion:228	Resp:	97958
Ion Ratio	Lower	Upper
228	100	
226	29.3	25.0 37.4
229	19.1	17.3 25.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.93 ng
RT: 21.582 min Scan# 3105
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:149	Resp:	47519
Ion Ratio	Lower	Upper
149	100	
167	24.7	24.8 37.2#
279	4.2	4.6 7.0#

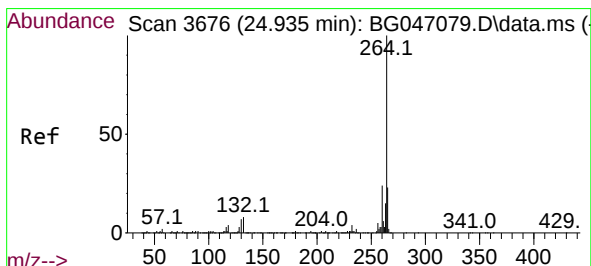
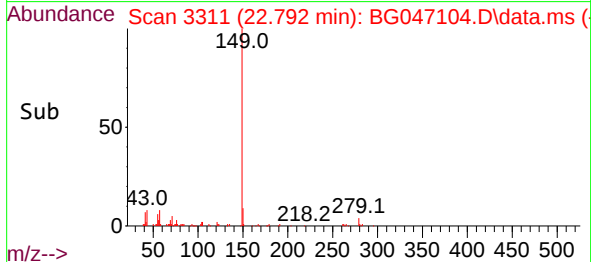
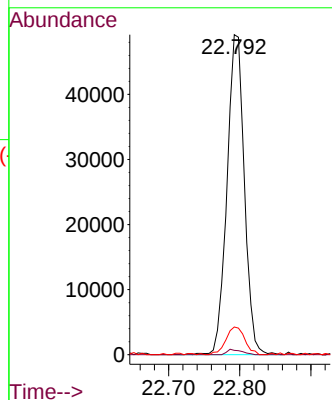
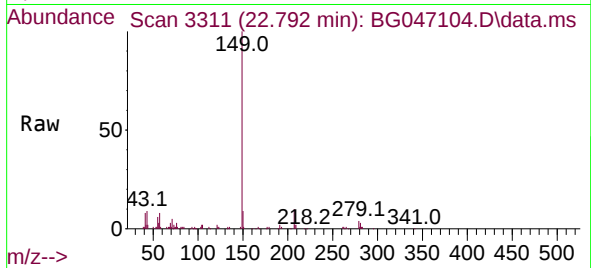




#85
Di-n-octyl phthalate
Concen: 4.11 ng
RT: 22.792 min Scan# 3311
Delta R.T. -0.004 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

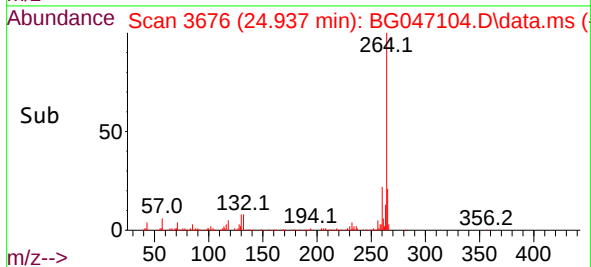
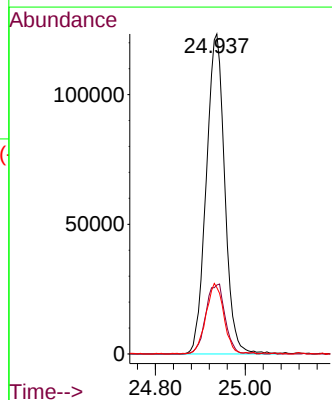
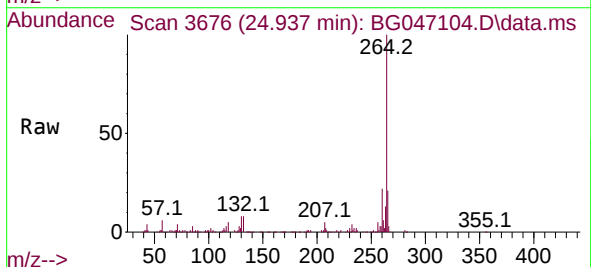
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020

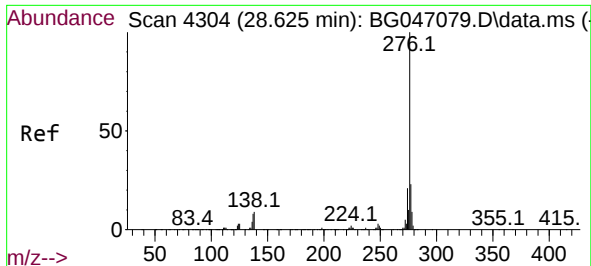
Tgt Ion:149 Resp: 83461
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.2#
43 9.4 6.8 10.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.937 min Scan# 3676
Delta R.T. 0.002 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

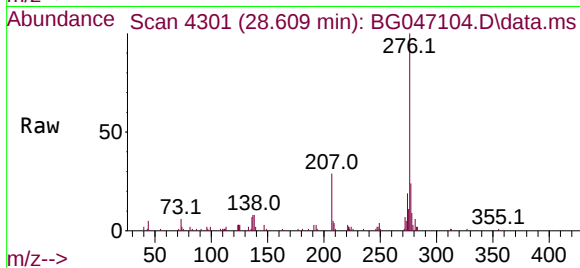
Tgt Ion:264 Resp: 351991
Ion Ratio Lower Upper
264 100
260 21.5 18.8 28.2
265 20.7 17.8 26.8



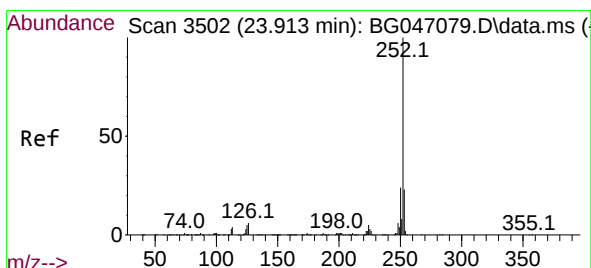
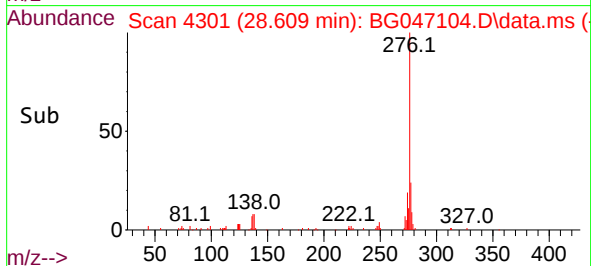
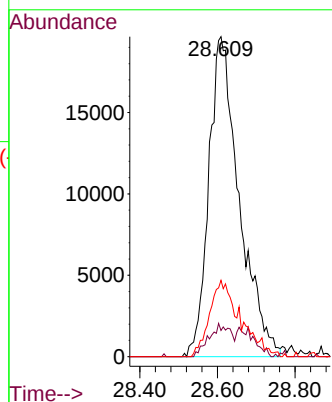


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.17 ng
 RT: 28.609 min Scan# 4301
 Delta R.T. -0.016 min
 Lab File: BG047104.D
 Acq: 28 Oct 2020 12:04

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

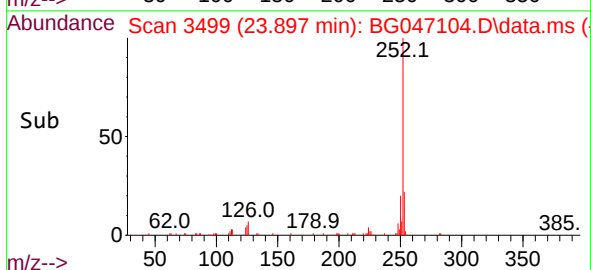
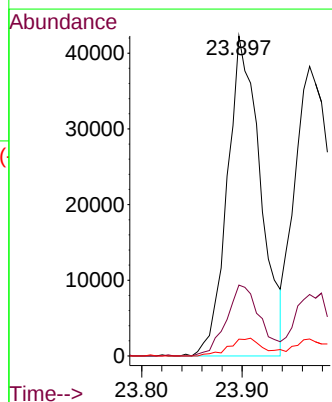
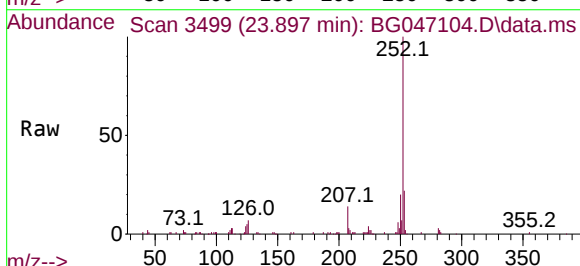


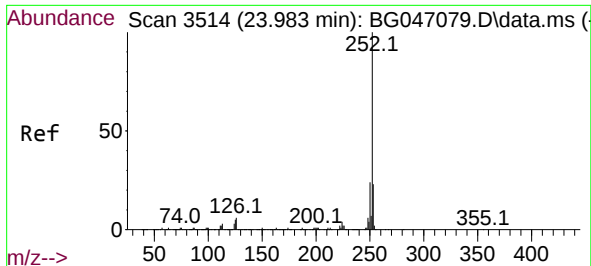
Tgt Ion:276 Resp: 107134
 Ion Ratio Lower Upper
 276 100
 138 7.3 16.2 24.2#
 277 24.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 4.22 ng
 RT: 23.897 min Scan# 3499
 Delta R.T. -0.016 min
 Lab File: BG047104.D
 Acq: 28 Oct 2020 12:04

Tgt Ion:252 Resp: 97157
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.7 28.1
 125 5.3 6.5 9.7#





#89

Benzo(k)fluoranthene

Concen: 4.31 ng

RT: 23.967 min Scan# 3511

Delta R.T. -0.016 min

Lab File: BG047104.D

Acq: 28 Oct 2020 12:04

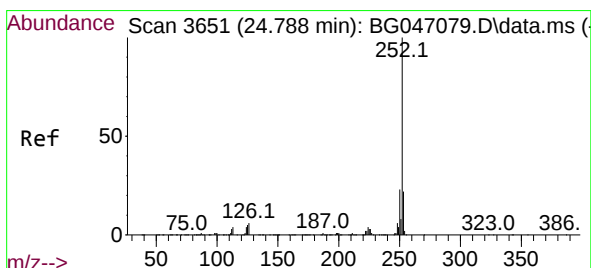
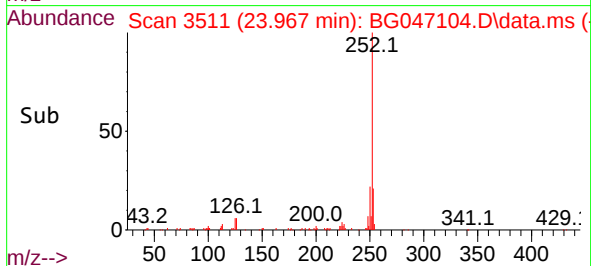
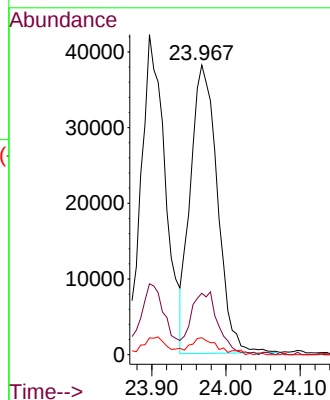
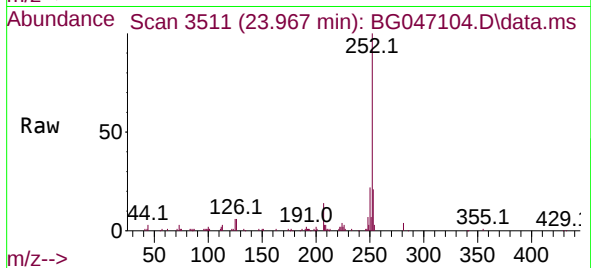
Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:252	Resp:	96372
Ion Ratio	Lower	Upper
252	100	
253	21.2	18.6 27.8
125	5.9	6.8 10.2#



#90

Benzo(a)pyrene

Concen: 4.04 ng

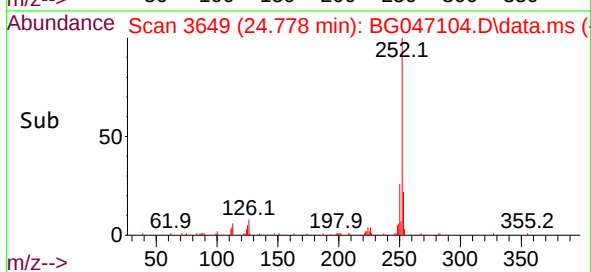
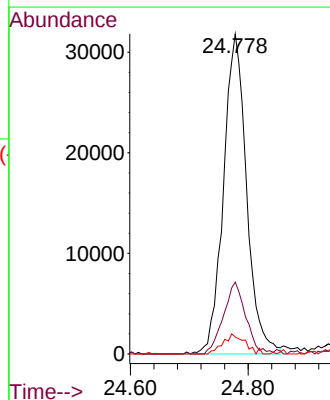
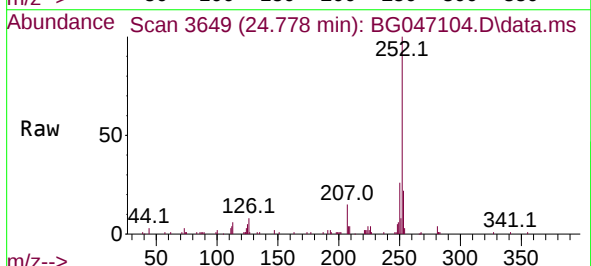
RT: 24.778 min Scan# 3649

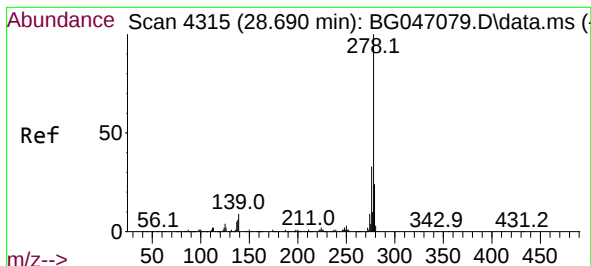
Delta R.T. -0.010 min

Lab File: BG047104.D

Acq: 28 Oct 2020 12:04

Tgt Ion:252	Resp:	86814
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.9 26.9
125	5.3	7.0 10.4#

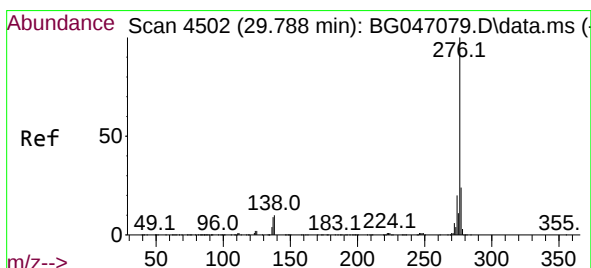
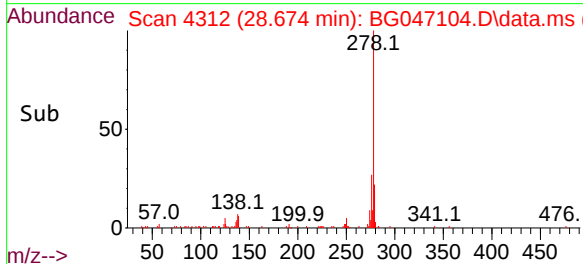
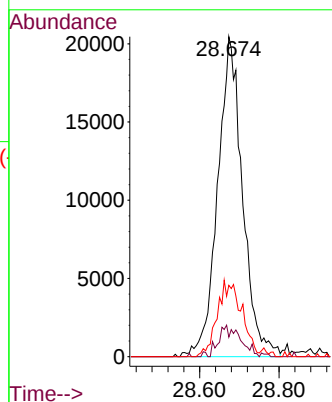
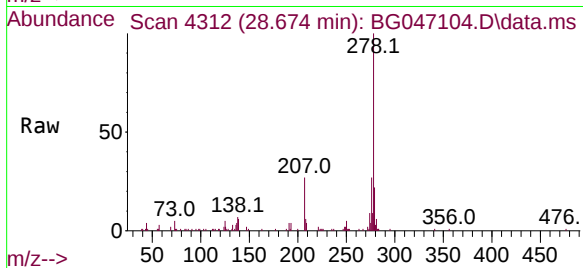




#91
Dibenzo(a,h)anthracene
Concen: 4.27 ng
RT: 28.674 min Scan# 4312
Delta R.T. -0.016 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

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

Tgt Ion:278 Resp: 89028
Ion Ratio Lower Upper
278 100
139 6.1 10.5 15.7#
279 22.3 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 4.24 ng
RT: 29.749 min Scan# 4495
Delta R.T. -0.040 min
Lab File: BG047104.D
Acq: 28 Oct 2020 12:04

Tgt Ion:276 Resp: 87945
Ion Ratio Lower Upper
276 100
277 26.7 19.6 29.4
138 11.0 13.4 20.2#

