

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
 Data File : BG047090.D
 Acq On : 27 Oct 2020 11:42
 Operator : CG/JU
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 10/28/2020 8:05:51 AM

Quant Time: Oct 27 12:48:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 12:36:22 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	37355	20.00	ng	# 0.00
21) Naphthalene-d8	10.864	136	138787	20.00	ng	# 0.00
39) Acenaphthene-d10	14.683	164	106350	20.00	ng	0.00
64) Phenanthrene-d10	17.427	188	262040	20.00	ng	# 0.00
76) Chrysene-d12	21.698	240	331739	20.00	ng	# 0.00
86) Perylene-d12	24.930	264	334546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	330753	156.96	ng	0.00
7) Phenol-d6	7.210	99	457151	150.02	ng	0.00
23) Nitrobenzene-d5	9.219	82	334087	115.28	ng	0.00
42) 2,4,6-Tribromophenol	16.170	330	260432	152.78	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	838206	111.43	ng	0.00
79) Terphenyl-d14	20.036	244	1862311	109.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.496	88	8633	9.07	ng	# 93
3) Pyridine	3.902	79	22627	8.76	ng	96
4) n-Nitrosodimethylamine	3.814	42	12094	8.83	ng	# 61
6) Aniline	7.374	93	32110	8.92	ng	91
8) 2-Chlorophenol	7.615	128	18207	8.13	ng	75
9) Benzaldehyde	7.192	77	20034	11.73	ng	85
10) Phenol	7.233	94	23822	8.28	ng	70
11) bis(2-Chloroethyl)ether	7.468	93	19296	8.52	ng	93
12) 1,3-Dichlorobenzene	7.944	146	24266	8.50	ng	# 95
13) 1,4-Dichlorobenzene	8.091	146	24007	8.33	ng	88
14) 1,2-Dichlorobenzene	8.408	146	22233	8.14	ng	94
15) Benzyl Alcohol	8.291	79	19356	8.15	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.584	45	28771	8.03	ng	94
17) 2-Methylphenol	8.490	107	16235	8.21	ng	# 85
18) Hexachloroethane	9.143	117	8793	8.14	ng	86
19) n-Nitroso-di-n-propyla...	8.855	70	15948	7.68	ng	95
20) 3+4-Methylphenols	8.819	107	21795	8.17	ng	91
22) Acetophenone	8.872	105	32557	8.71	ng	# 93
24) Nitrobenzene	9.254	77	27103	9.01	ng	92
25) Isophorone	9.777	82	47297	9.12	ng	# 92
26) 2-Nitrophenol	9.971	139	10341	7.92	ng	# 74
27) 2,4-Dimethylphenol	10.030	122	17996	10.09	ng	90
28) bis(2-Chloroethoxy)met...	10.265	93	26111	8.16	ng	95
29) 2,4-Dichlorophenol	10.512	162	20876	8.50	ng	94
30) 1,2,4-Trichlorobenzene	10.729	180	25629	8.47	ng	99
31) Naphthalene	10.917	128	65126	8.97	ng	99
32) Benzoic acid	10.100	122	6531m	4.63	ng	
33) 4-Chloroaniline	11.023	127	25835	8.18	ng	97
34) Hexachlorobutadiene	11.199	225	19421	8.56	ng	99
35) Caprolactam	11.757	113	7351	8.99	ng	# 79
36) 4-Chloro-3-methylphenol	12.133	107	20825	8.17	ng	# 86
37) 2-Methylnaphthalene	12.515	142	48908	8.68	ng	93
38) 1-Methylnaphthalene	12.733	142	45999	8.61	ng	# 91
40) 1,2,4,5-Tetrachloroben...	12.879	216	32546	8.38	ng	# 95
41) Hexachlorocyclopentadiene	12.862	237	18539	8.73	ng	98
43) 2,4,6-Trichlorophenol	13.120	196	18425	7.28	ng	97

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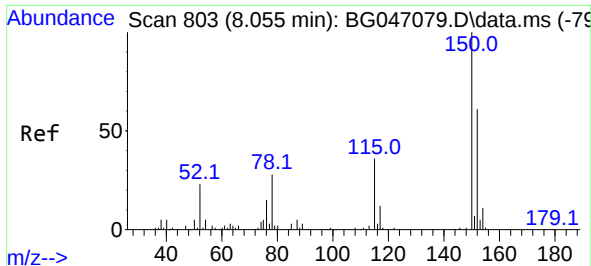
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.191	196	20305	7.89	ng	#	93
46) 1,1'-Biphenyl	13.520	154	67349	8.37	ng		91
47) 2-Chloronaphthalene	13.561	162	52804	7.97	ng		96
48) 2-Nitroaniline	13.761	65	15405	7.13	ng	#	74
49) Acenaphthylene	14.407	152	78431	8.15	ng		99
50) Dimethylphthalate	14.131	163	72574	8.28	ng		97
51) 2,6-Dinitrotoluene	14.254	165	15433	8.45	ng		96
52) Acenaphthene	14.748	154	50762	8.08	ng		97
53) 3-Nitroaniline	14.577	138	13530	7.45	ng	#	91
54) 2,4-Dinitrophenol	14.795	184	5874	4.87	ng	#	72
55) Dibenzofuran	15.083	168	84671	8.40	ng		98
56) 4-Nitrophenol	14.883	139	9962	7.01	ng	#	55
57) 2,4-Dinitrotoluene	15.036	165	20711	7.89	ng	#	84
58) Fluorene	15.729	166	68223	8.38	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.306	232	21167	7.75	ng		95
60) Diethylphthalate	15.488	149	75492	8.65	ng		95
61) 4-Chlorophenyl-phenyle...	15.723	204	40919	8.43	ng		98
62) 4-Nitroaniline	15.741	138	14924	7.65	ng	#	73
63) Azobenzene	16.011	77	66840	8.62	ng		90
65) 4,6-Dinitro-2-methylph...	15.805	198	12827	7.96	ng		94
66) n-Nitrosodiphenylamine	15.935	169	65132	8.66	ng		98
67) 4-Bromophenyl-phenylether	16.616	248	26924	7.81	ng		92
68) Hexachlorobenzene	16.740	284	29940	8.23	ng		98
69) Atrazine	16.875	200	26341	8.51	ng		98
70) Pentachlorophenol	17.080	266	13878	6.55	ng	#	76
71) Phenanthrene	17.474	178	123356	8.81	ng		97
72) Anthracene	17.562	178	126389	9.22	ng		96
73) Carbazole	17.832	167	110725	9.08	ng		96
74) Di-n-butylphthalate	18.385	149	140723	9.33	ng	#	97
75) Fluoranthene	19.478	202	167343	9.30	ng		96
77) Benzidine	19.654	184	76292	10.06	ng		97
78) Pyrene	19.842	202	177571	8.40	ng		96
80) Butylbenzylphthalate	20.717	149	62728	7.74	ng		92
81) Benzo(a)anthracene	21.675	228	186404	8.58	ng		95
82) 3,3'-Dichlorobenzidine	21.587	252	67670	8.59	ng		95
83) Chrysene	21.740	228	185045	8.94	ng		95
84) Bis(2-ethylhexyl)phtha...	21.575	149	89739	7.86	ng		91
85) Di-n-octyl phthalate	22.791	149	154094	8.03	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.596	276	197759	8.10	ng	#	87
88) Benzo(b)fluoranthene	23.896	252	179639	8.22	ng	#	97
89) Benzo(k)fluoranthene	23.966	252	181143	8.53	ng	#	94
90) Benzo(a)pyrene	24.771	252	163012	7.98	ng	#	97
91) Dibenzo(a,h)anthracene	28.661	278	160914	8.11	ng	#	92
92) Benzo(g,h,i)perylene	29.754	276	167976	8.52	ng	#	92

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



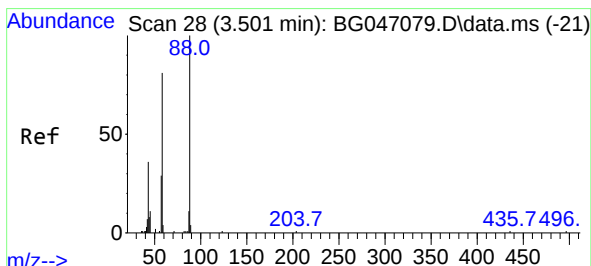
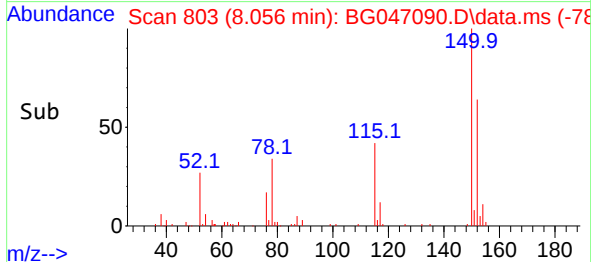
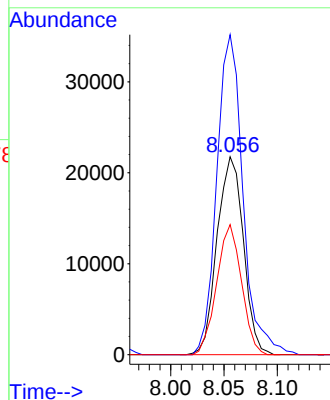
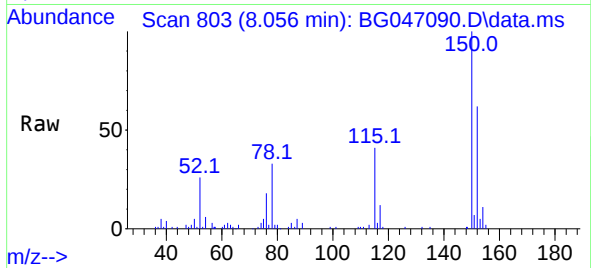
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:152 Resp: 37355
Ion Ratio Lower Upper
152 100
150 161.7 125.0 187.6
115 65.7 41.8 62.6#

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

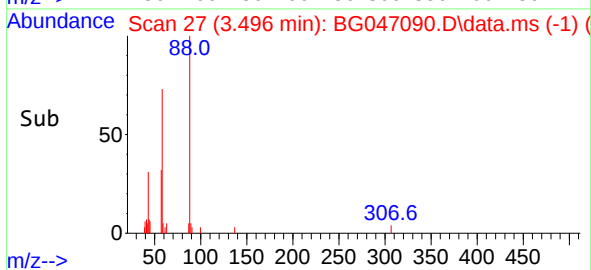
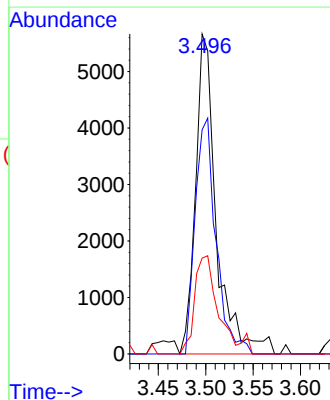
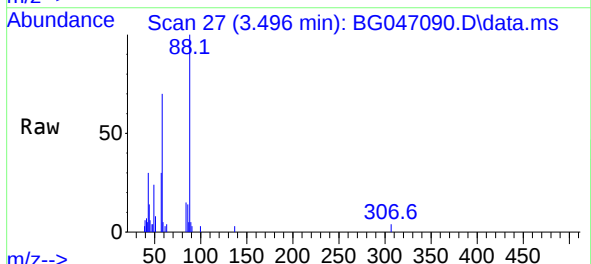
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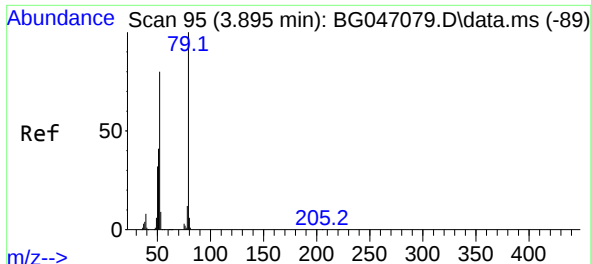
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#2
1,4-Dioxane
Concen: 9.07 ng
RT: 3.496 min Scan# 27
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 88 Resp: 8633
Ion Ratio Lower Upper
88 100
58 73.8 61.6 92.4
43 35.7 21.3 31.9#





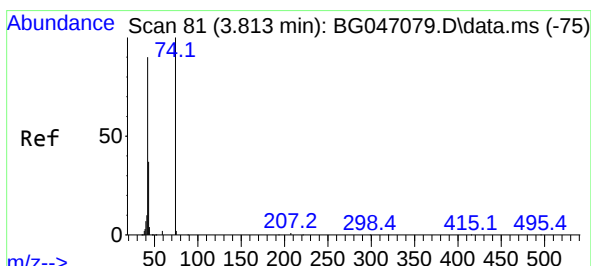
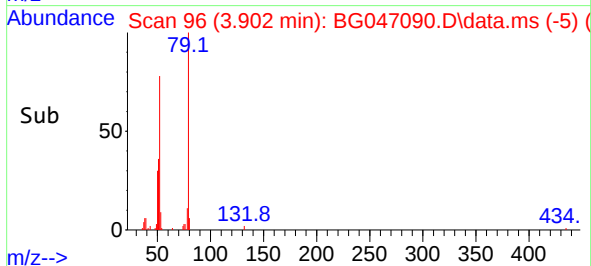
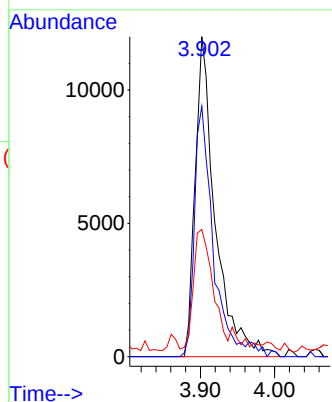
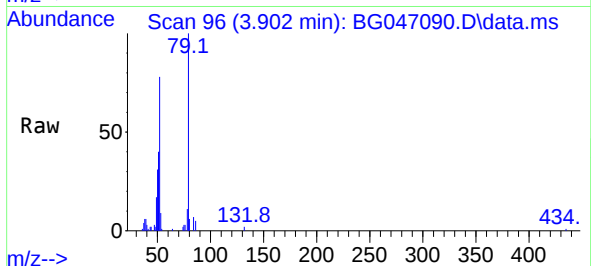
#3
Pyridine
Concen: 8.76 ng
RT: 3.902 min Scan# 96
Delta R.T. 0.007 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	79	Resp:	22627
Ion Ratio	Lower	Upper	
79	100		
52	78.3	61.3	91.9
51	39.7	28.4	42.6

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

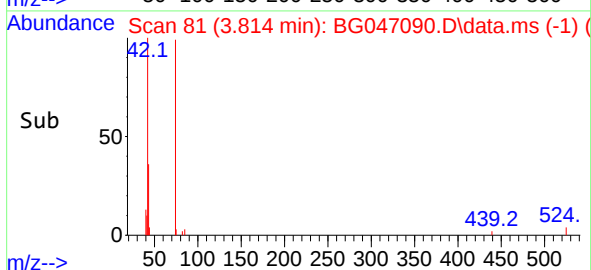
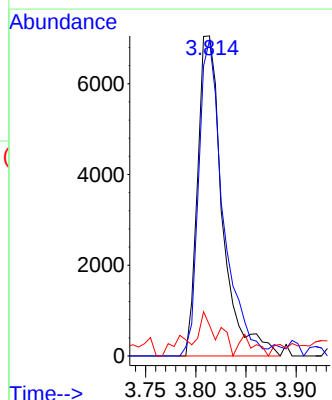
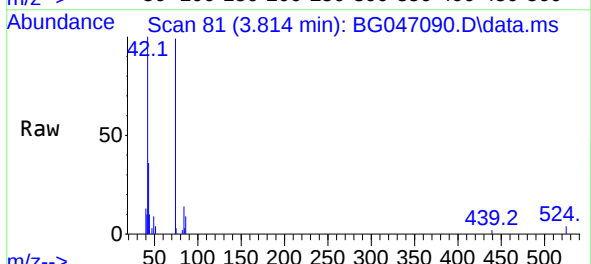
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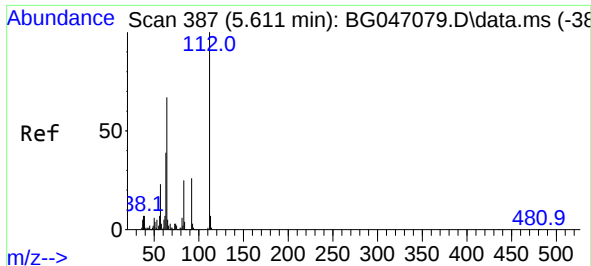
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#4
n-Nitrosodimethylamine
Concen: 8.83 ng
RT: 3.814 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	42	Resp:	12094
Ion Ratio	Lower	Upper	
42	100		
74	98.7	120.4	180.6#
44	9.6	6.2	9.2#





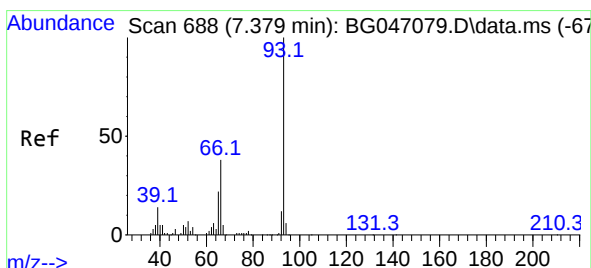
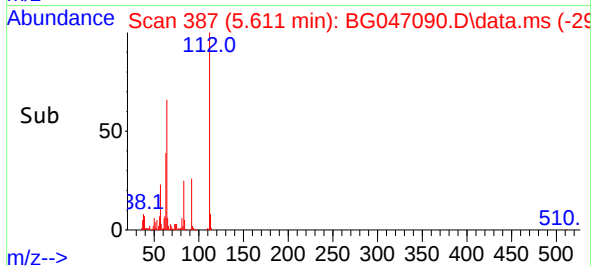
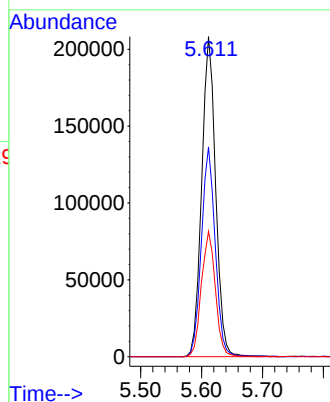
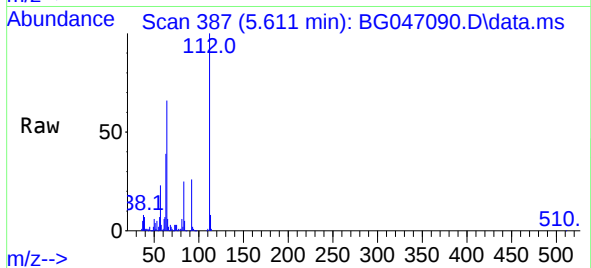
#5
2-Fluorophenol
Concen: 156.96 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.000 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 112 Resp: 330753
Ion Ratio Lower Upper
112 100
64 65.6 46.7 70.1
63 39.2 22.8 34.2#

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

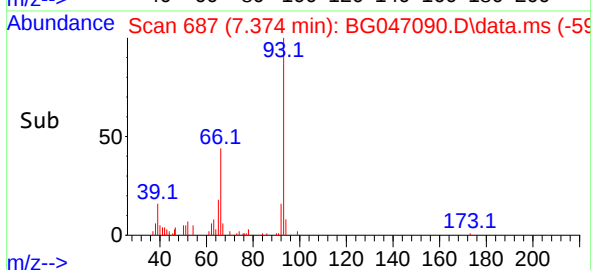
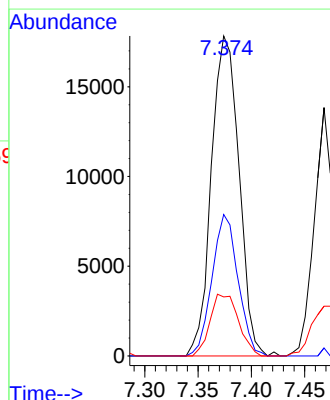
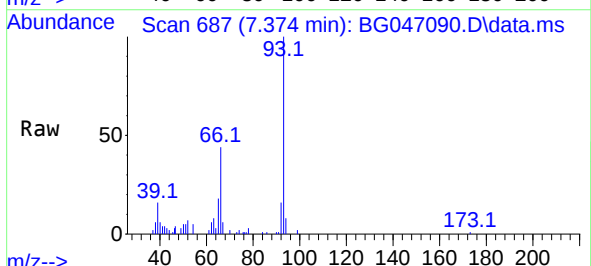
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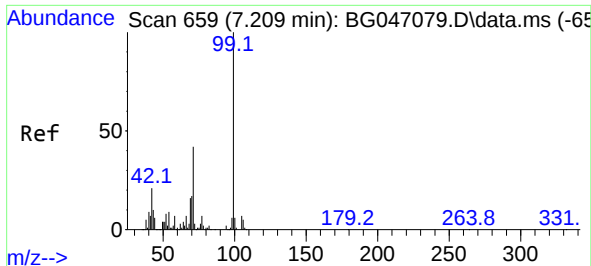
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#6
Aniline
Concen: 8.92 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 93 Resp: 32110
Ion Ratio Lower Upper
93 100
66 44.2 29.5 44.3
65 18.5 15.5 23.3





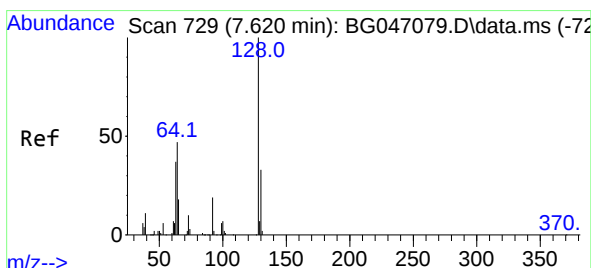
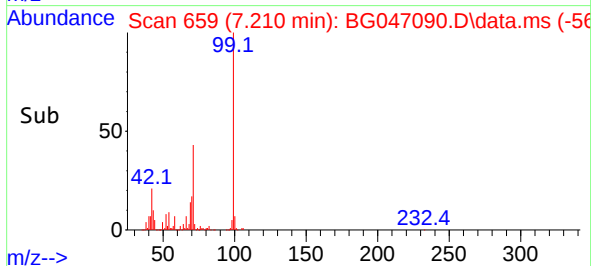
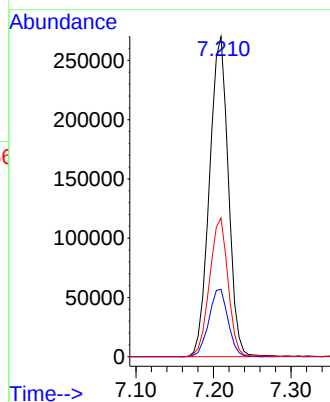
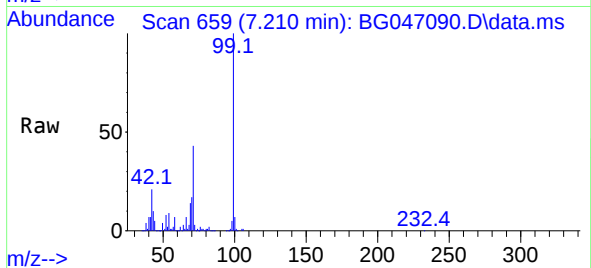
#7
Phenol-d6
Concen: 150.02 ng
RT: 7.210 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 99 Resp: 457151
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 43.3 24.6 36.8#

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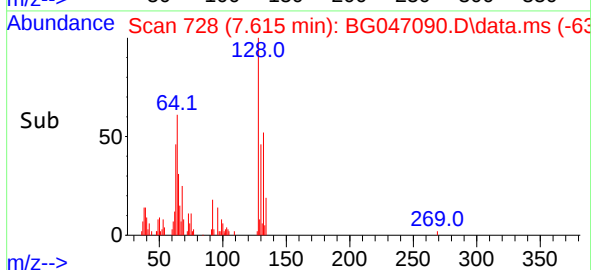
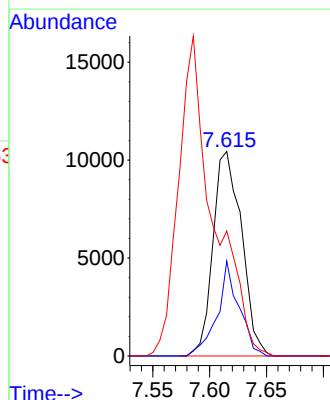
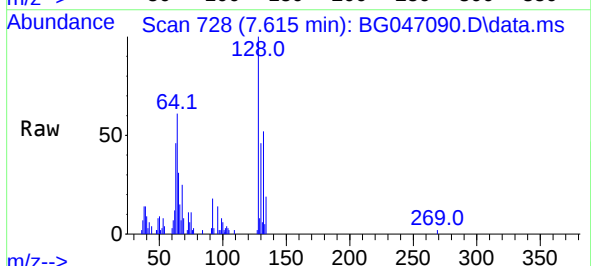
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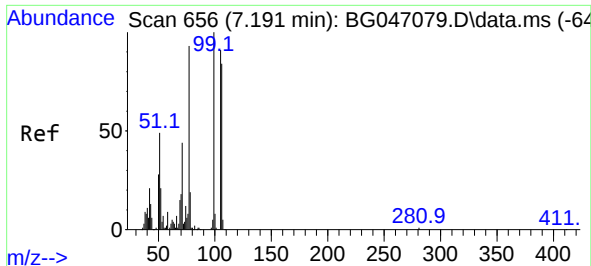
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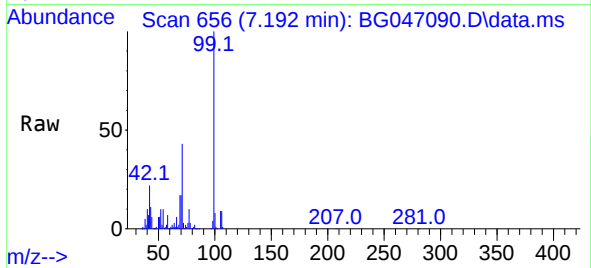
#8
2-Chlorophenol
Concen: 8.13 ng
RT: 7.615 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 128 Resp: 18207
Ion Ratio Lower Upper
128 100
130 46.4 12.6 52.6
64 61.1 24.8 64.8

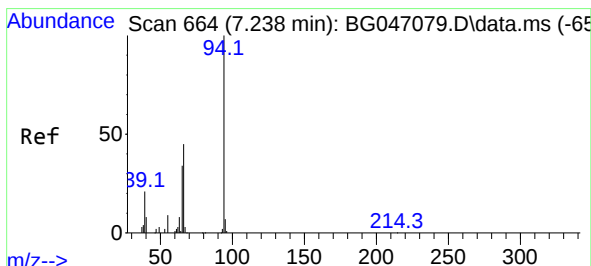
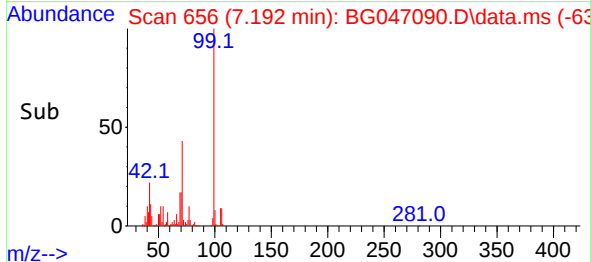
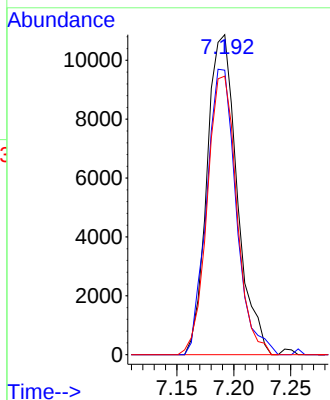




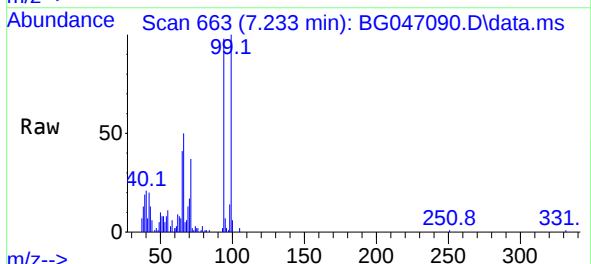
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Benzaldehyde
Concen: 11.73 ng
RT: 7.192 min Scan# 656
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



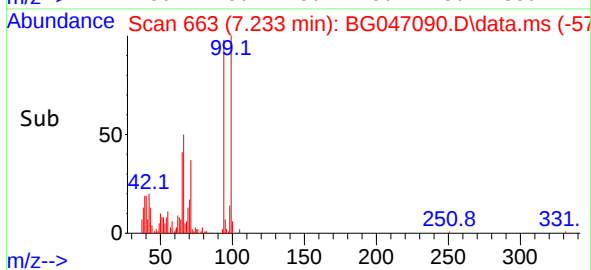
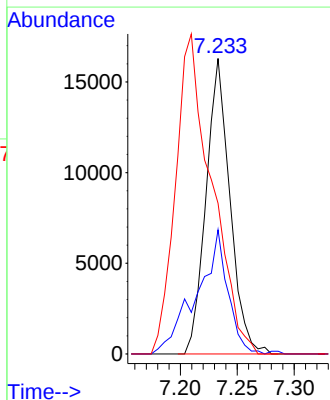
Tgt Ion: 77 Resp: 20034
Ion Ratio Lower Upper
77 100
105 88.9 85.9 125.9
106 87.0 80.9 120.9



#10
Phenol
Concen: 8.28 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



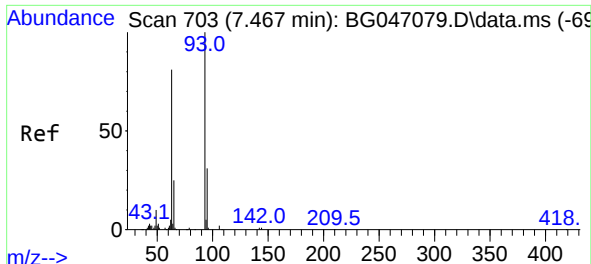
Tgt Ion: 94 Resp: 23822
Ion Ratio Lower Upper
94 100
65 42.0 6.6 46.6
66 51.0 13.9 53.9



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

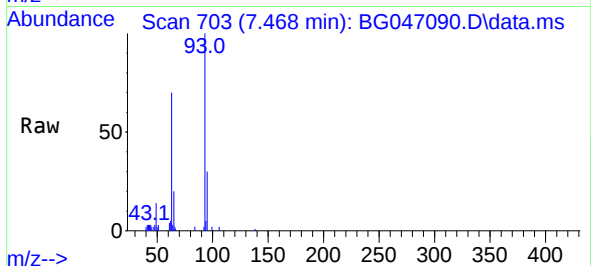
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#11
bis(2-Chloroethyl)ether
Concen: 8.52 ng
RT: 7.468 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

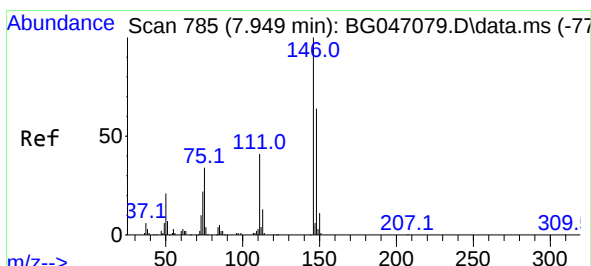
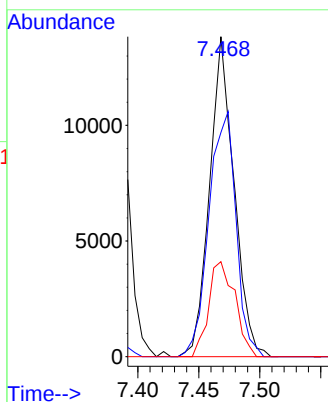
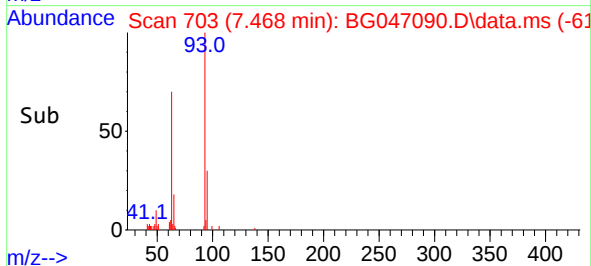
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



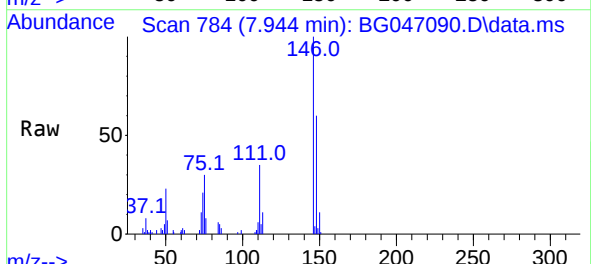
Tgt Ion: 93 Resp: 19296
Ion Ratio Lower Upper
93 100
63 70.0 56.4 96.4
95 29.7 13.8 53.8

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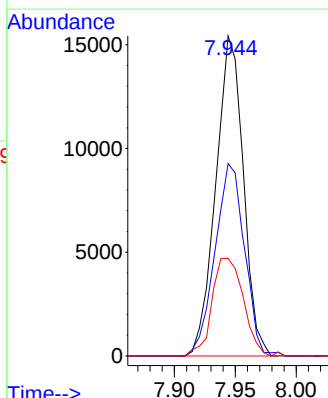
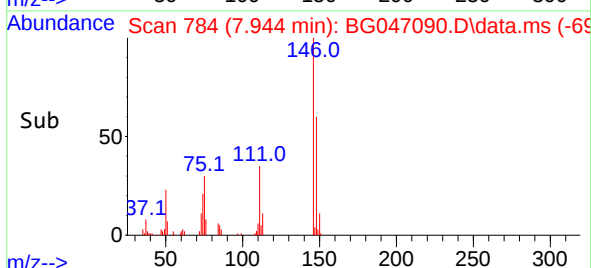
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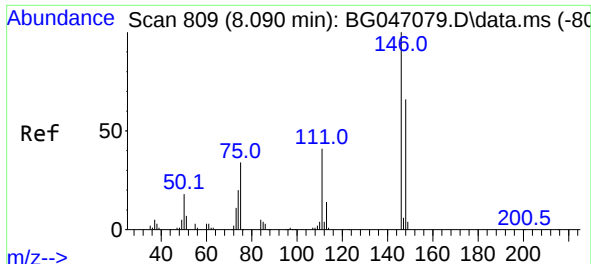


#12
1,3-Dichlorobenzene
Concen: 8.50 ng
RT: 7.944 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

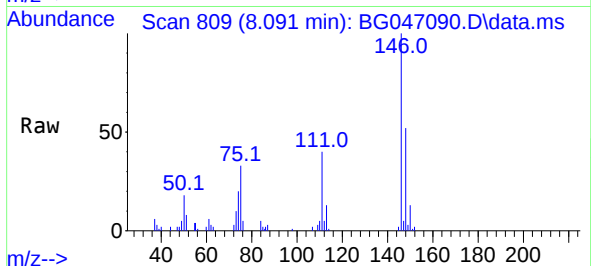


Tgt Ion: 146 Resp: 24266
Ion Ratio Lower Upper
146 100
148 60.1 50.1 75.1
75 30.5 20.1 30.1#

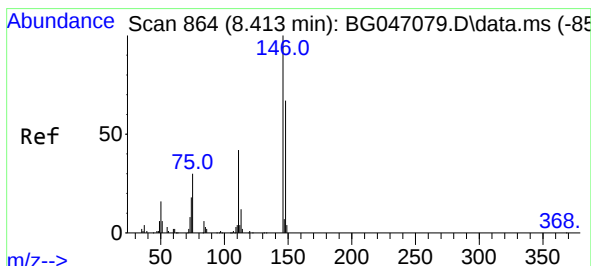
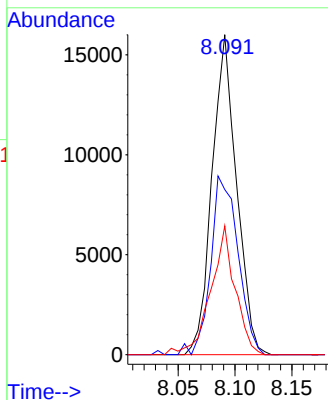
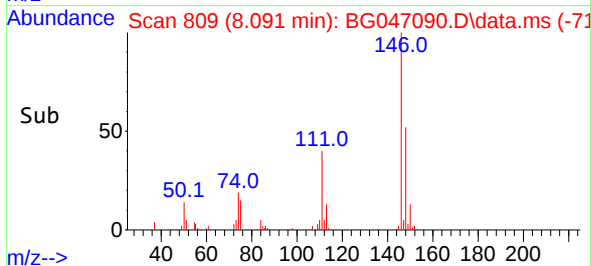




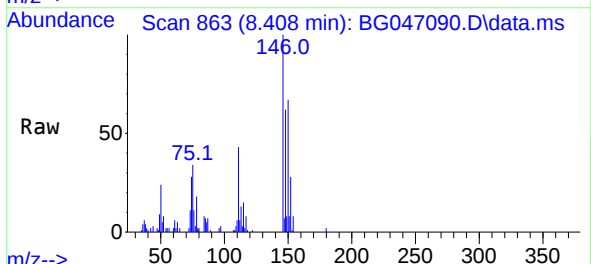
#13
1,4-Dichlorobenzene
Concen: 8.33 ng
RT: 8.091 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



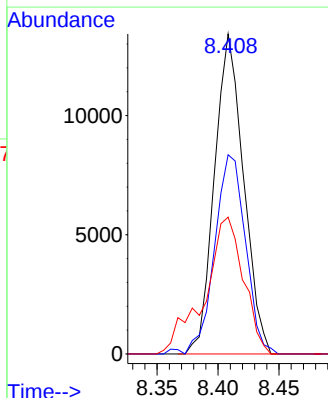
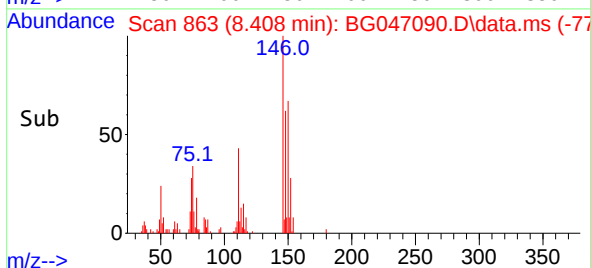
Tgt Ion:146 Resp: 24007
Ion Ratio Lower Upper
146 100
148 51.6 51.1 76.7
111 40.2 29.7 44.5



#14
1,2-Dichlorobenzene
Concen: 8.14 ng
RT: 8.408 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



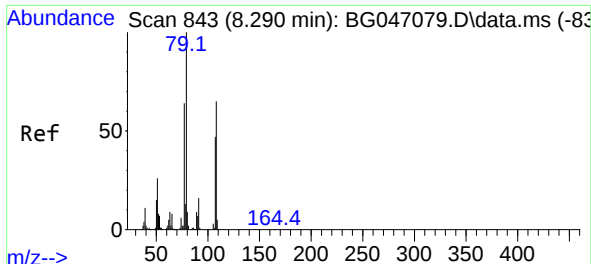
Tgt Ion:146 Resp: 22233
Ion Ratio Lower Upper
146 100
148 62.3 53.0 79.6
111 42.7 30.7 46.1



Instrument :
BNA_G
ClientSampleId :
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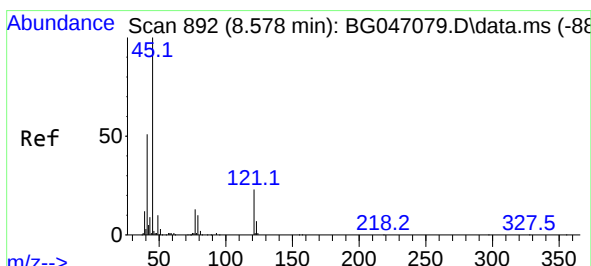
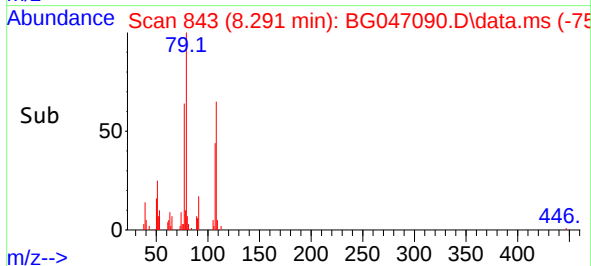
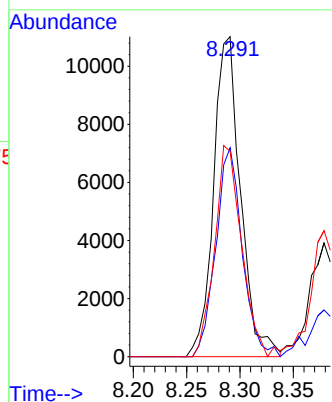
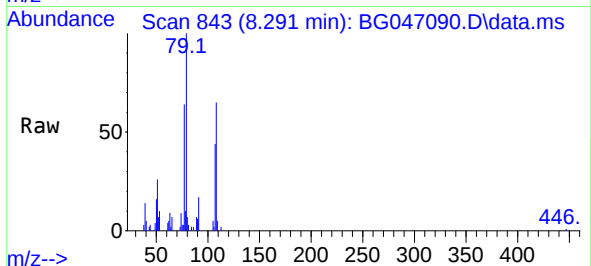
#15
Benzyl Alcohol
Concen: 8.15 ng
RT: 8.291 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 79 Resp: 19356
Ion Ratio Lower Upper
79 100
108 65.3 65.5 98.3#
77 64.1 50.1 75.1

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

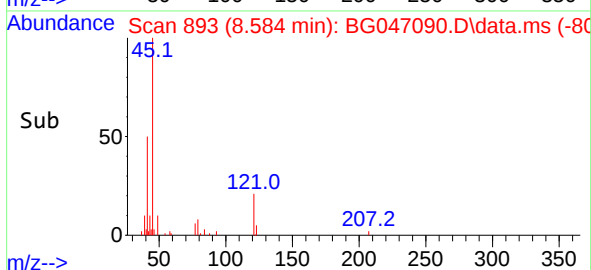
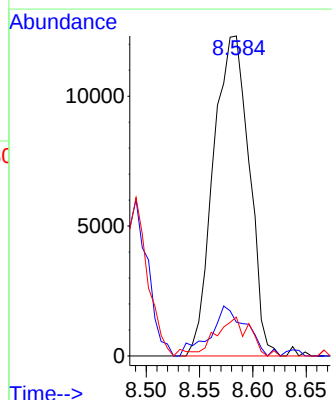
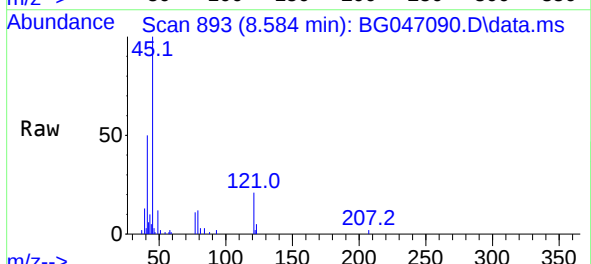
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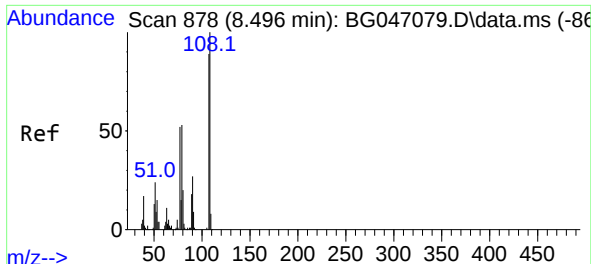
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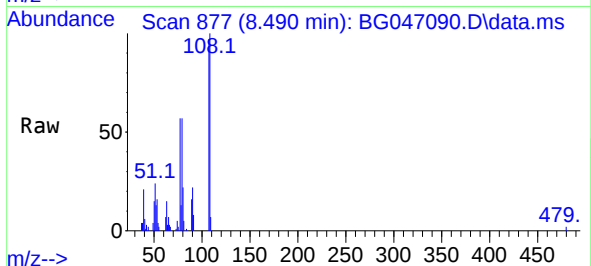
#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.03 ng
RT: 8.584 min Scan# 893
Delta R.T. 0.007 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 45 Resp: 28771
Ion Ratio Lower Upper
45 100
77 10.6 0.0 33.4
79 12.2 0.0 30.8

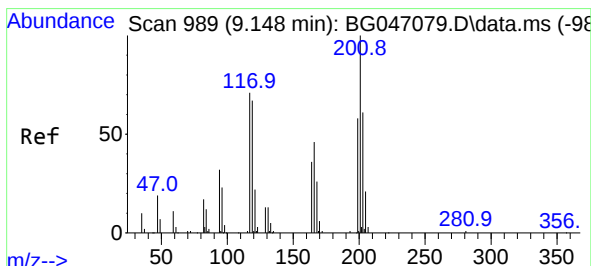
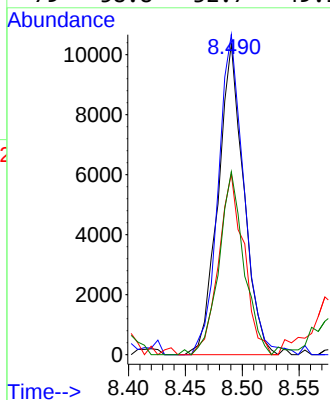
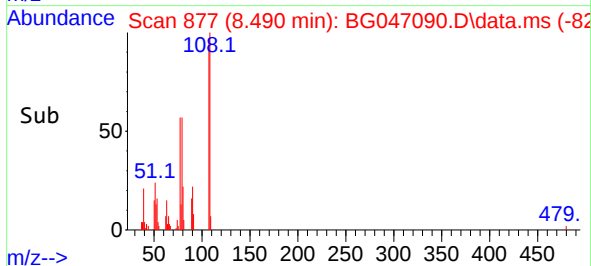




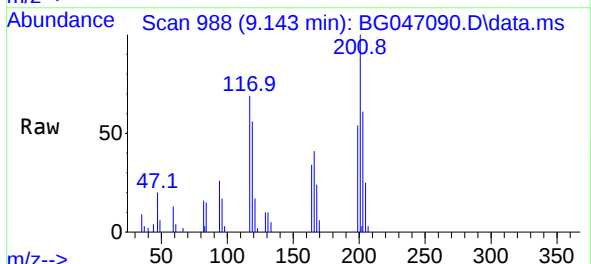
#17
2-Methylphenol
Concen: 8.21 ng
RT: 8.490 min Scan# 877
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



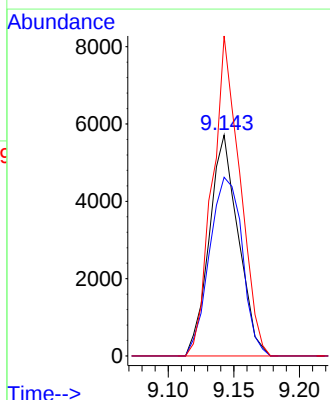
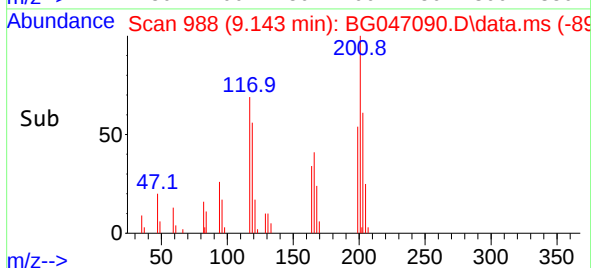
Tgt Ion:	107	Resp:	16235
Ion Ratio	Lower	Upper	
107	100		
108	102.8	87.2	130.8
77	58.1	33.8	50.8#
79	58.8	32.7	49.1#



#18
Hexachloroethane
Concen: 8.14 ng
RT: 9.143 min Scan# 988
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



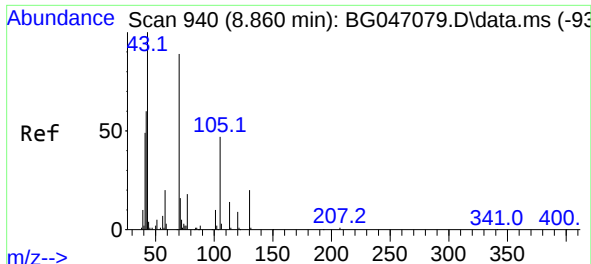
Tgt Ion:	117	Resp:	8793
Ion Ratio	Lower	Upper	
117	100		
119	80.9	77.5	116.3
201	144.8	104.9	157.3



Instrument :
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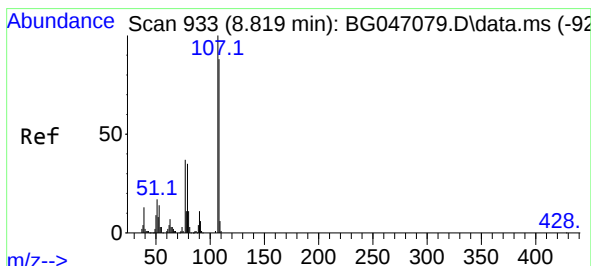
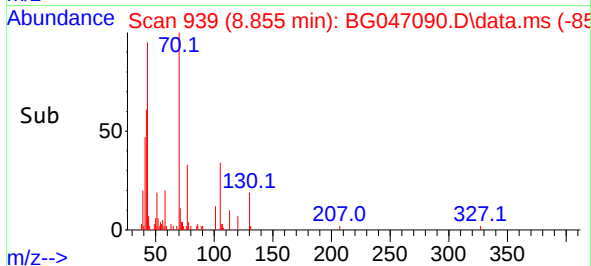
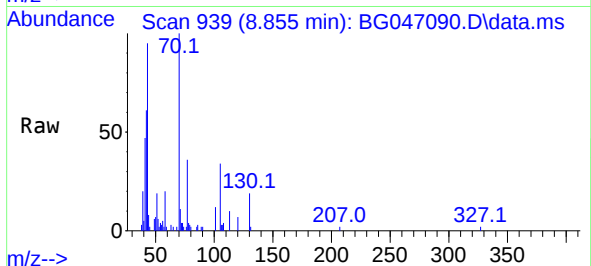
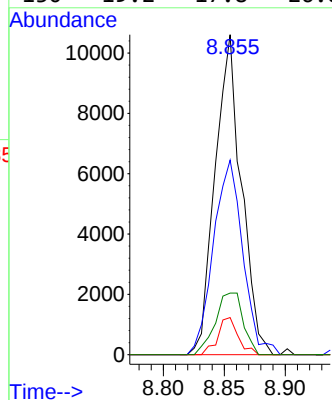
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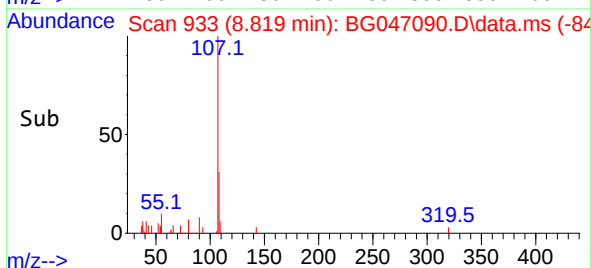
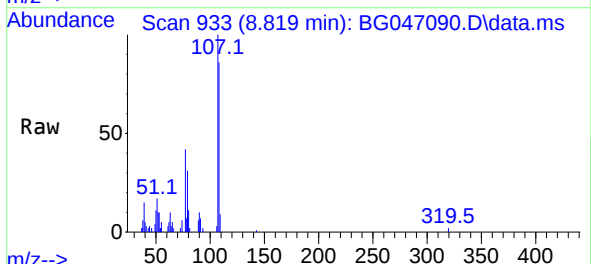
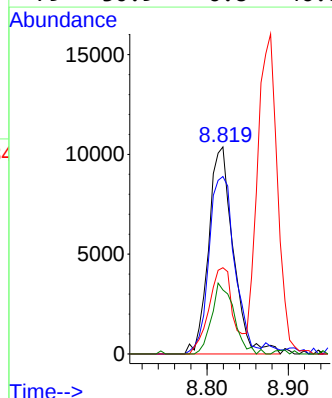
#19
n-Nitroso-di-n-propylamine
Concen: 7.68 ng
RT: 8.855 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	70	Resp:	15948
Ion	Ratio	Lower	Upper
70	100		
42	60.8	45.6	68.4
101	11.6	8.4	12.6
130	19.2	17.8	26.8



#20
3+4-Methylphenols
Concen: 8.17 ng
RT: 8.819 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

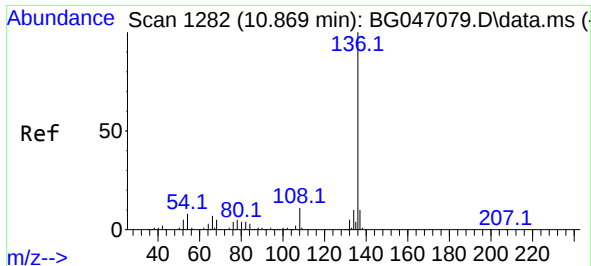
Tgt Ion:	107	Resp:	21795
Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.6	110.6
77	41.6	10.2	50.2
79	30.9	6.8	46.8



Instrument :
BNA_G
ClientSampleId :
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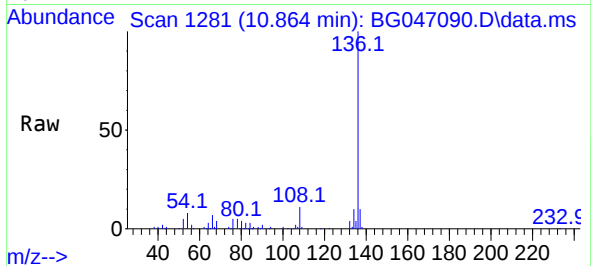
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.864 min Scan# 1281
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

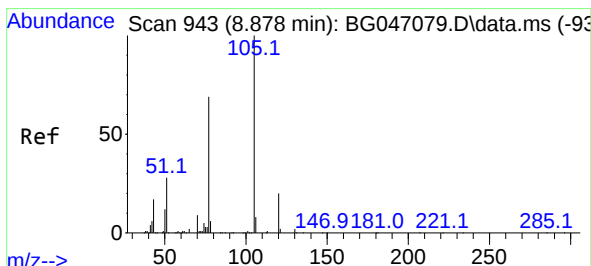
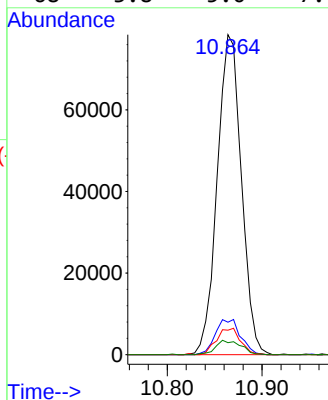
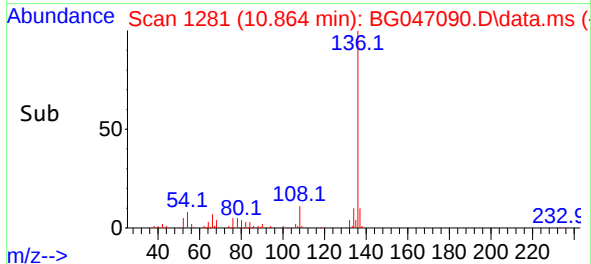
Instrument :
BNA_G
ClientSampleId :
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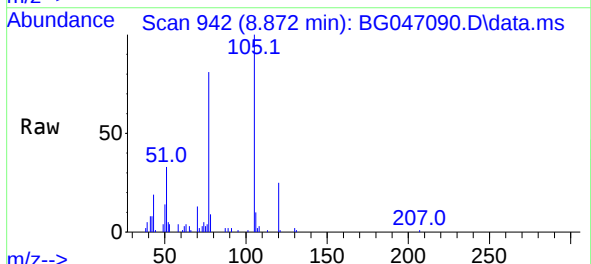
Tgt Ion:136 Resp: 138787
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 7.6 6.2 9.4
68 3.8 5.0 7.4#

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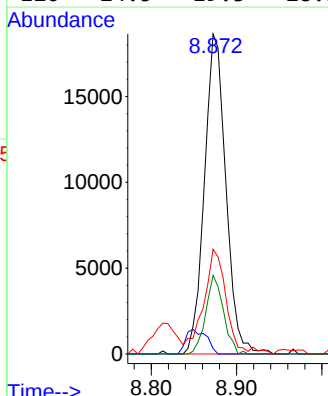
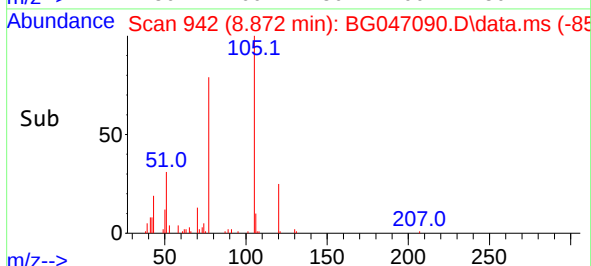
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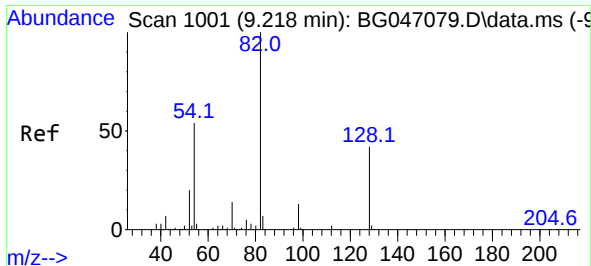


#22
Acetophenone
Concen: 8.71 ng
RT: 8.872 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



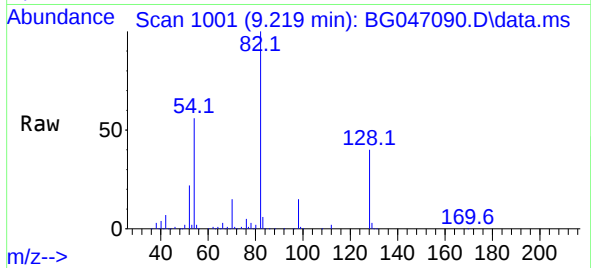
Tgt Ion:105 Resp: 32557
Ion Ratio Lower Upper
105 100
71 1.7 2.7 4.1#
51 32.7 21.0 31.6#
120 24.5 19.3 28.9





#23
Nitrobenzene-d5
Concen: 115.28 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

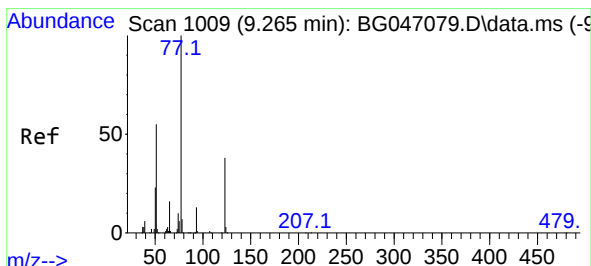
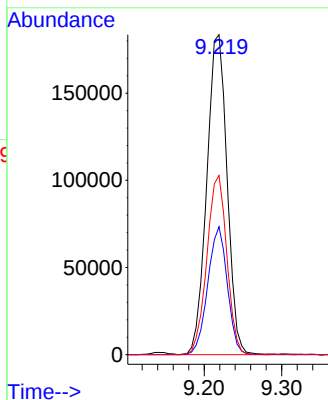
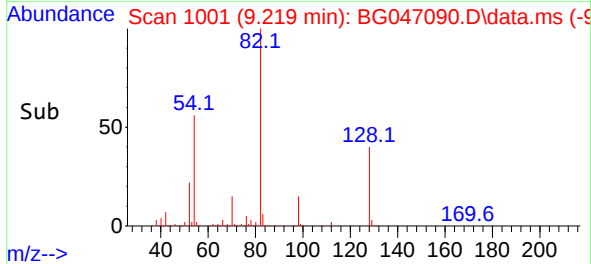
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



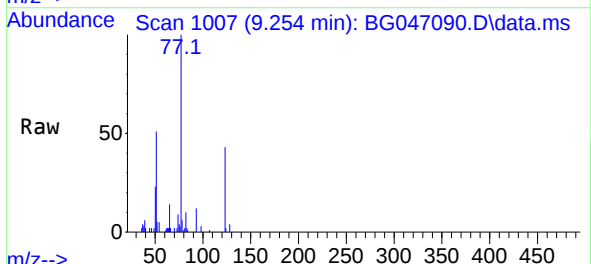
Tgt Ion: 82 Resp: 334087
Ion Ratio Lower Upper
82 100
128 40.0 37.0 55.6
54 56.0 39.0 58.4

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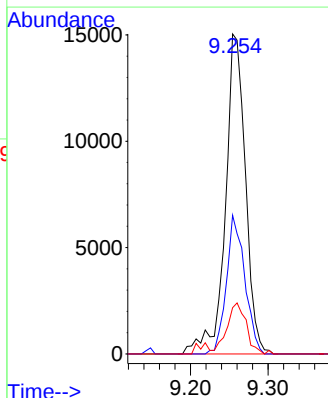
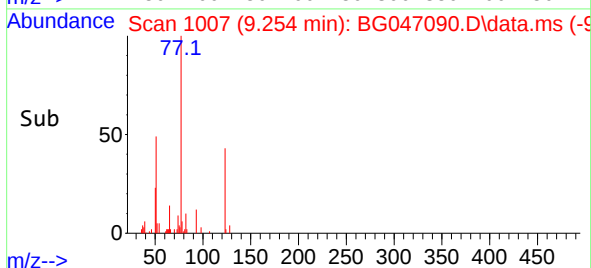
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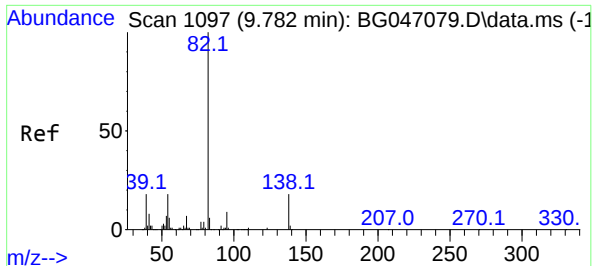


#24
Nitrobenzene
Concen: 9.01 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion: 77 Resp: 27103
Ion Ratio Lower Upper
77 100
123 43.3 39.7 59.5
65 14.5 10.4 15.6





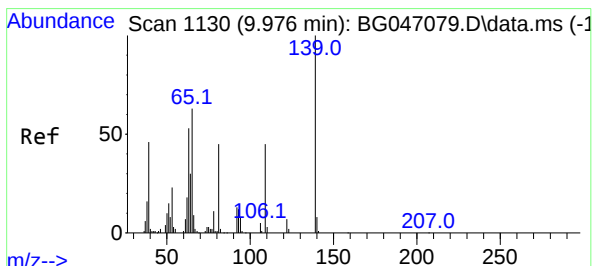
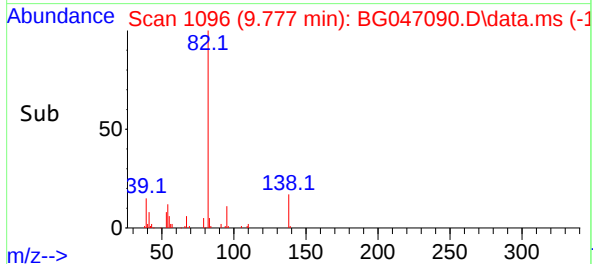
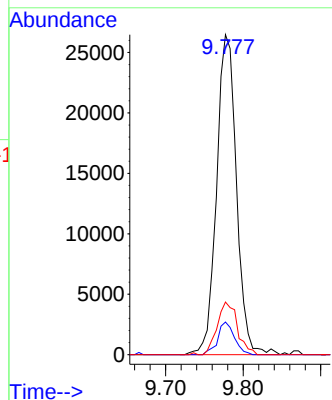
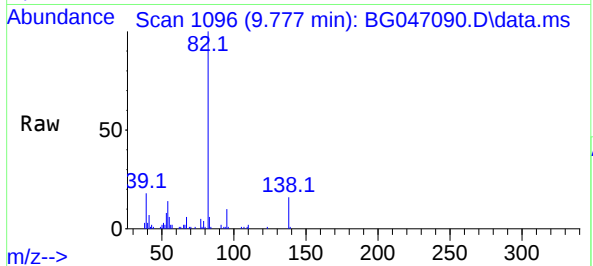
#25
Isophorone
Concen: 9.12 ng
RT: 9.777 min Scan# 1096
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 82 Resp: 47297
Ion Ratio Lower Upper
82 100
95 10.2 5.6 8.4#
138 16.5 15.8 23.6

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

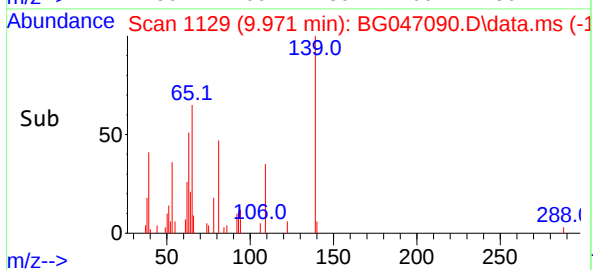
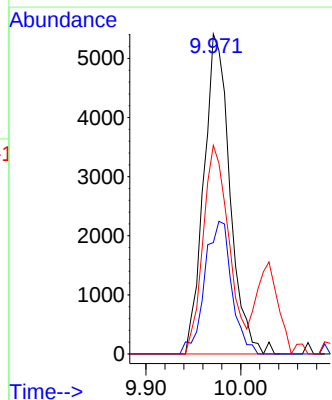
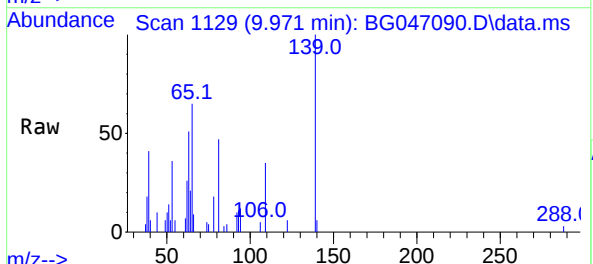
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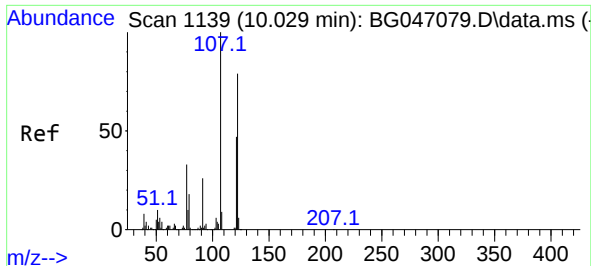
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#26
2-Nitrophenol
Concen: 7.92 ng
RT: 9.971 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion: 139 Resp: 10341
Ion Ratio Lower Upper
139 100
109 34.8 20.7 31.1#
65 65.2 36.1 54.1#





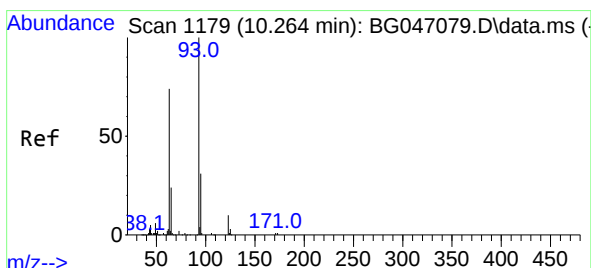
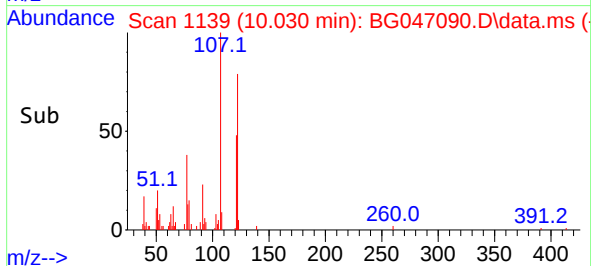
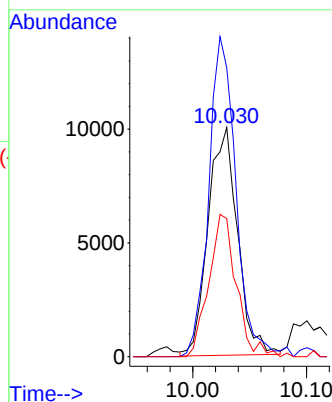
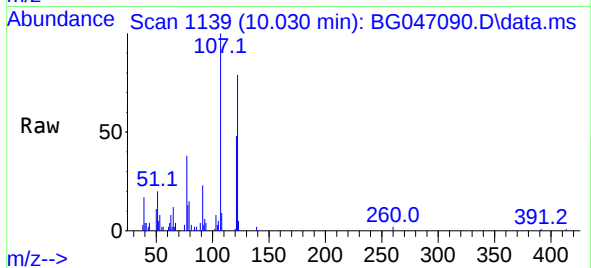
#27
2,4-Dimethylphenol
Concen: 10.09 ng
RT: 10.030 min Scan# 1139
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	122	Resp:	17996
Ion	Ratio	Lower	Upper
122	100		
107	126.2	89.2	133.8
121	60.3	46.9	70.3

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

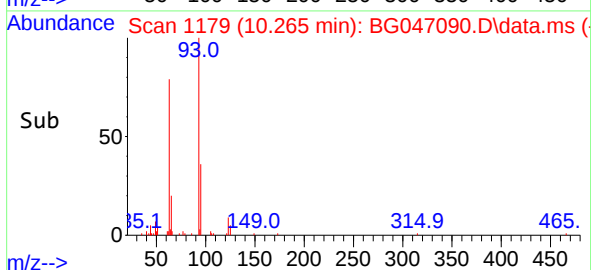
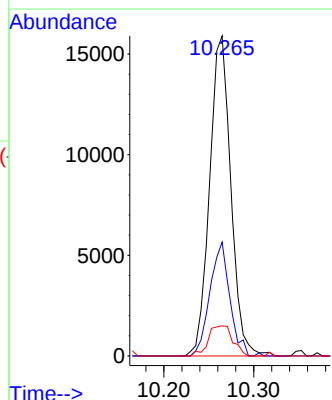
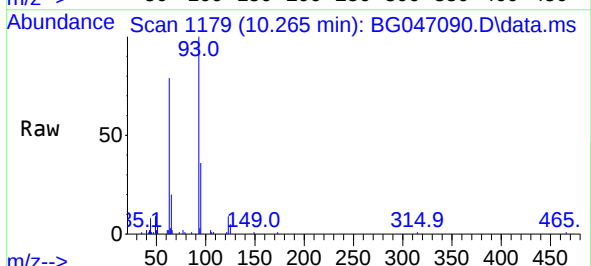
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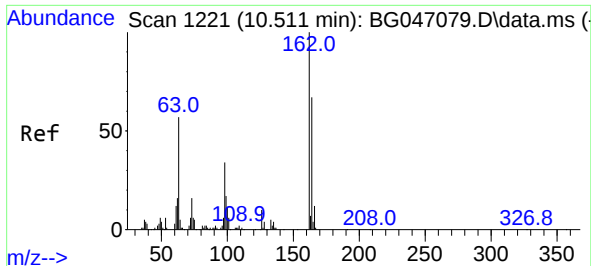
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#28
bis(2-Chloroethoxy)methane
Concen: 8.16 ng
RT: 10.265 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	93	Resp:	26111
Ion	Ratio	Lower	Upper
93	100		
95	35.6	26.5	39.7
123	9.4	9.4	14.0





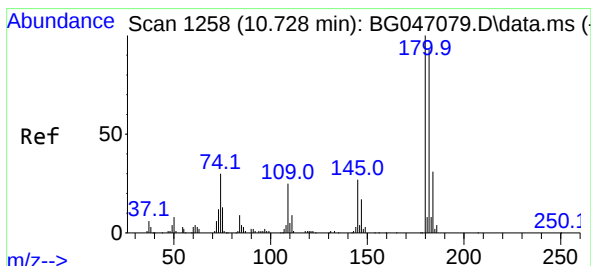
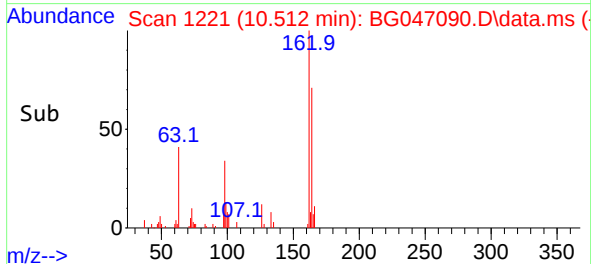
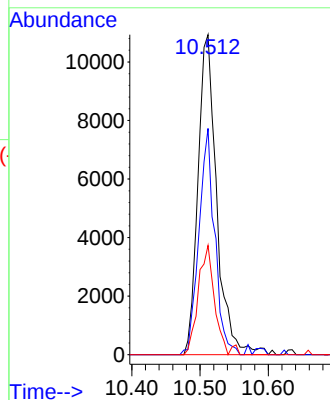
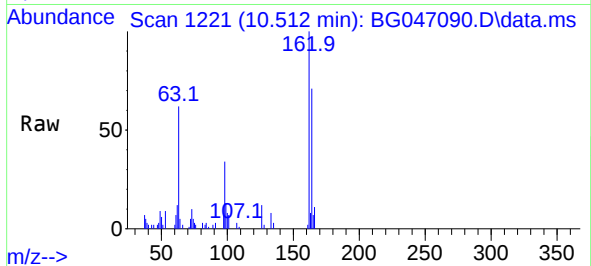
#29
2,4-Dichlorophenol
Concen: 8.50 ng
RT: 10.512 min Scan# 1221
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion	Ratio	Lower	Upper
162	100		
164	70.7	45.6	85.6
98	34.2	11.0	51.0

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

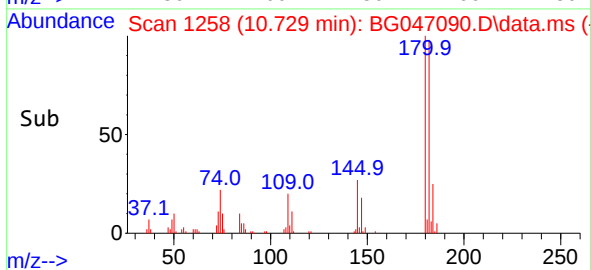
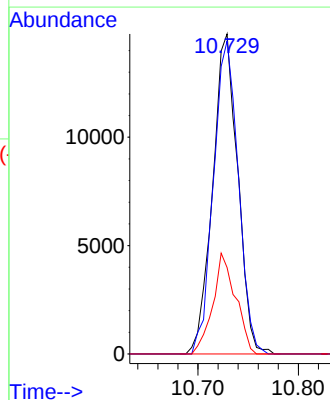
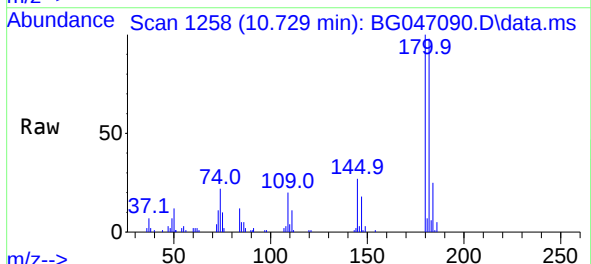
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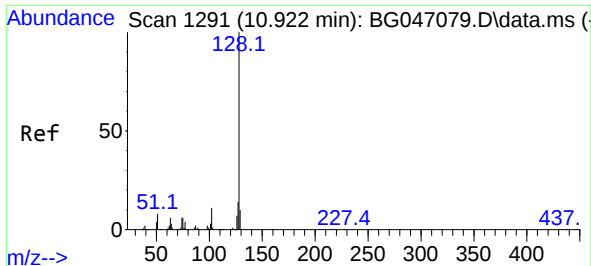
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#30
1,2,4-Trichlorobenzene
Concen: 8.47 ng
RT: 10.729 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.9	115.3
145	27.0	21.4	32.0





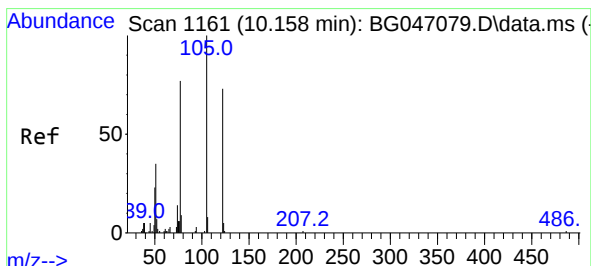
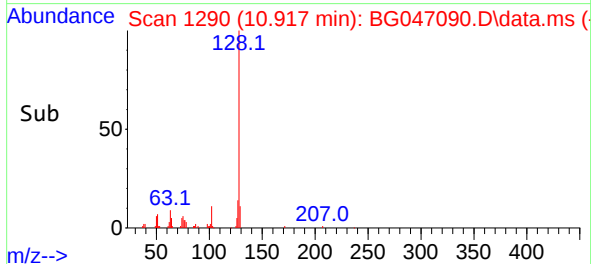
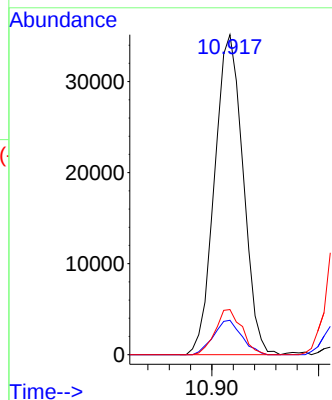
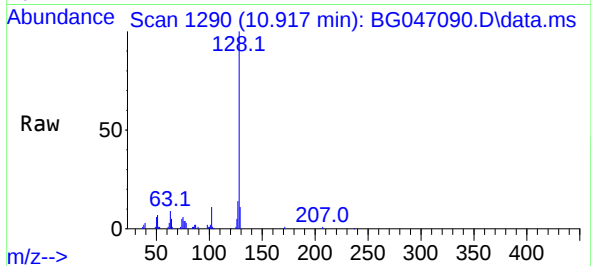
#31
Naphthalene
Concen: 8.97 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:128 Resp: 65126
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.1 11.0 16.4

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

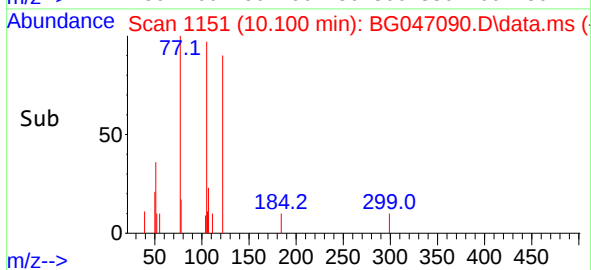
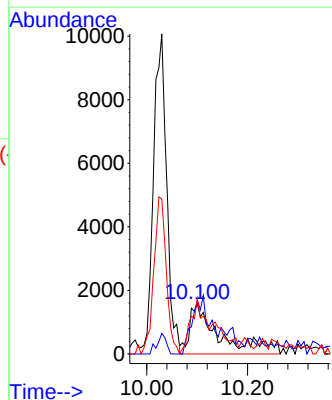
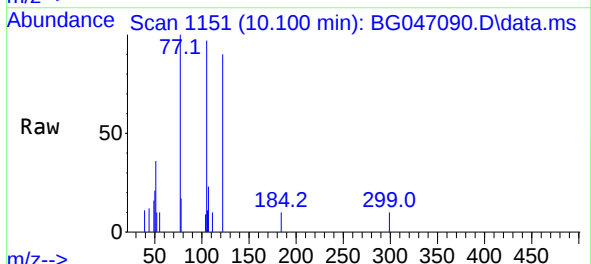
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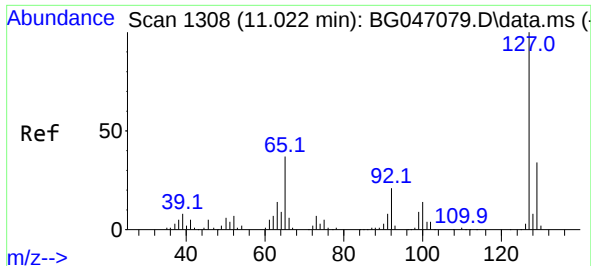
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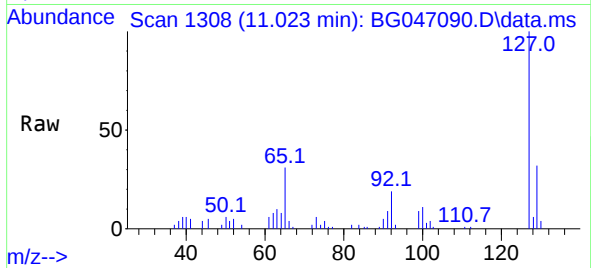
#32
Benzoic acid
Concen: 4.63 ng m
RT: 10.100 min Scan# 1151
Delta R.T. -0.058 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:122 Resp: 6531
Ion Ratio Lower Upper
122 100
105 107.5 103.7 143.7
77 111.2 63.0 103.0#

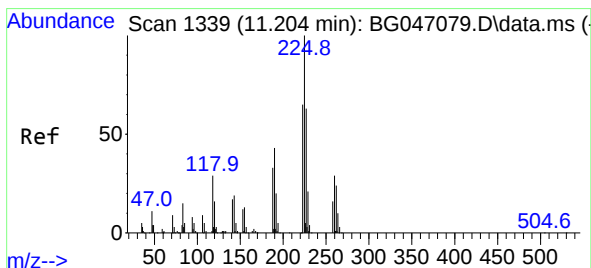
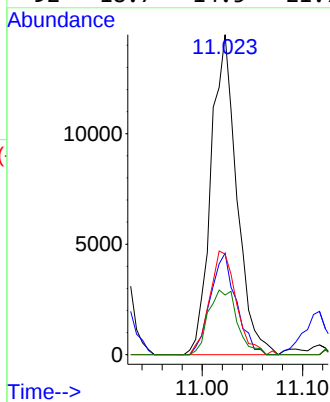
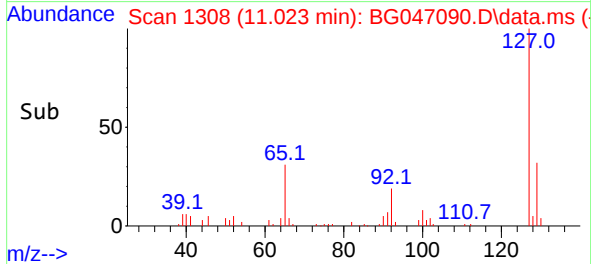




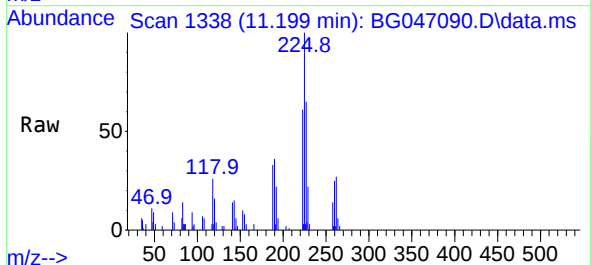
#33
4-Chloroaniline
Concen: 8.18 ng
RT: 11.023 min Scan# 1308
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



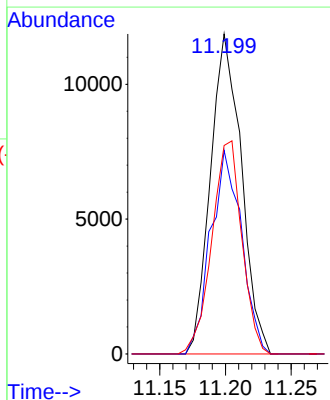
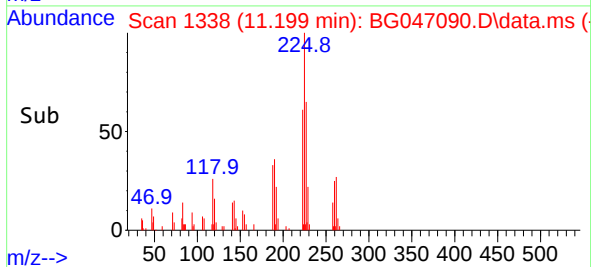
Tgt Ion:	127	Resp:	25835
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.8	40.2
65	31.4	23.8	35.6
92	18.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 8.56 ng
RT: 11.199 min Scan# 1338
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



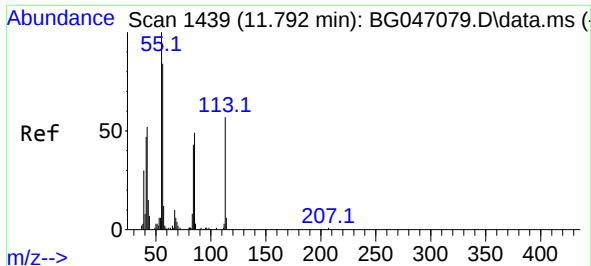
Tgt Ion:	225	Resp:	19421
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.5	74.3
227	65.2	52.0	78.0



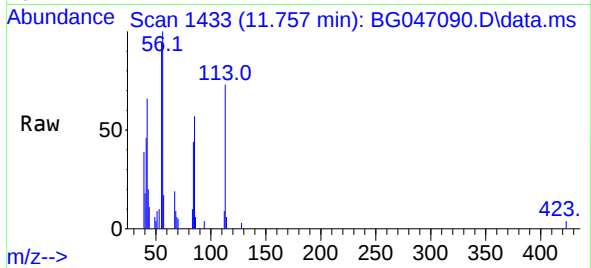
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

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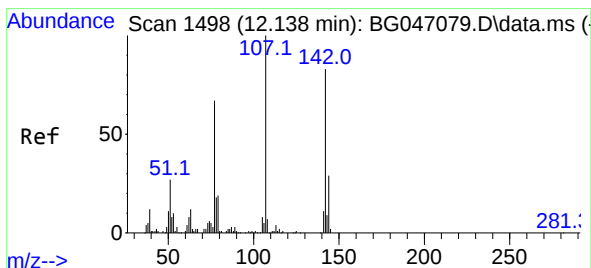
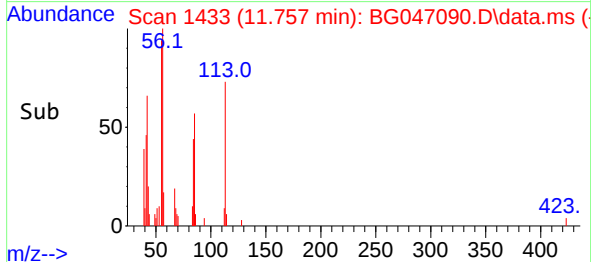
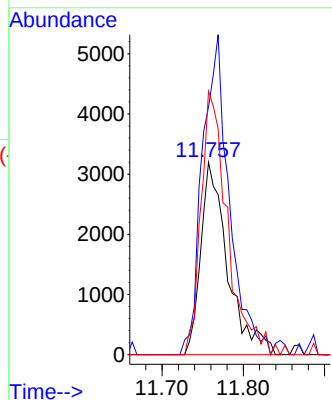
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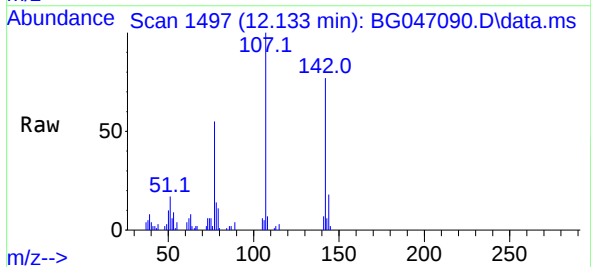
#35
Caprolactam
Concen: 8.99 ng
RT: 11.757 min Scan# 1433
Delta R.T. -0.035 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



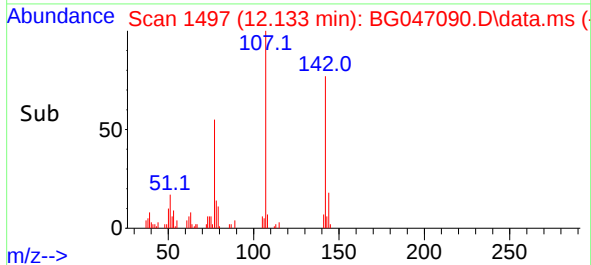
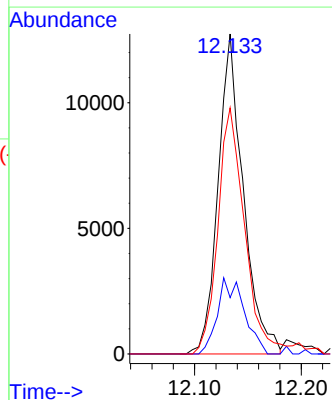
Tgt Ion:113 Resp: 7351
Ion Ratio Lower Upper
113 100
55 128.8 149.2 189.2#
56 137.0 107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 8.17 ng
RT: 12.133 min Scan# 1497
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



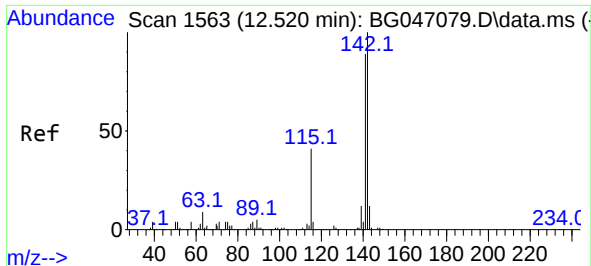
Tgt Ion:107 Resp: 20825
Ion Ratio Lower Upper
107 100
144 17.6 22.5 33.7#
142 76.9 70.8 106.2



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

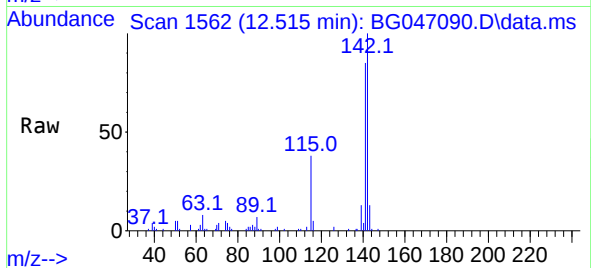
Manual Integrations
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#37
2-Methylnaphthalene
Concen: 8.68 ng
RT: 12.515 min Scan# 1562
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

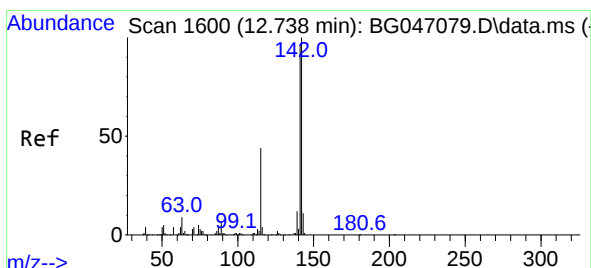
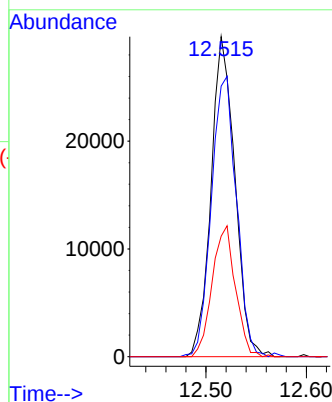
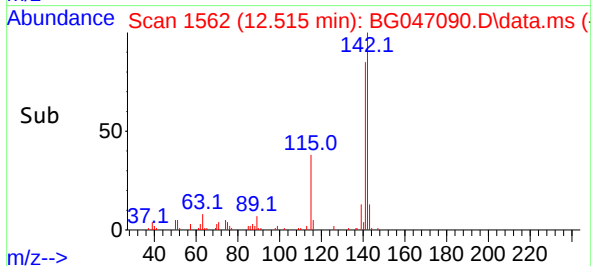
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



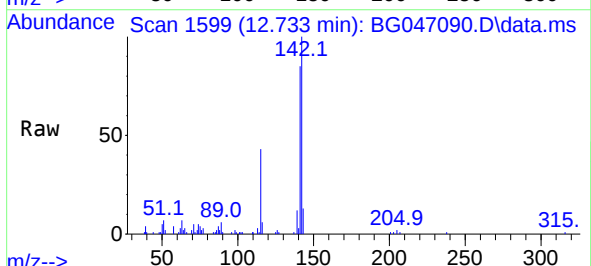
Tgt Ion:142 Resp: 48908
Ion Ratio Lower Upper
142 100
141 84.6 71.6 107.4
115 37.6 25.4 38.2

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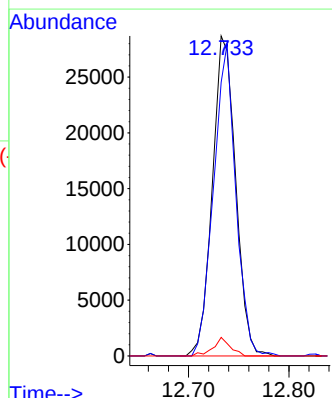
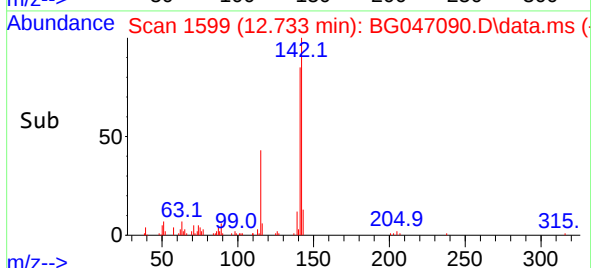
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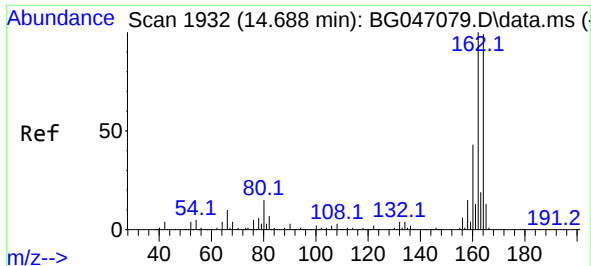


#38
1-Methylnaphthalene
Concen: 8.61 ng
RT: 12.733 min Scan# 1599
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



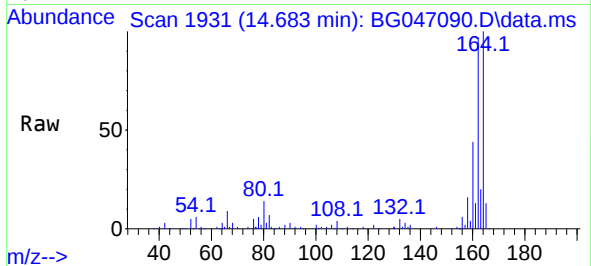
Tgt Ion:142 Resp: 45999
Ion Ratio Lower Upper
142 100
141 85.5 75.4 113.2
116 5.8 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.683 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

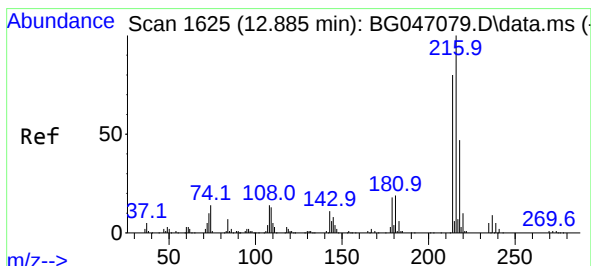
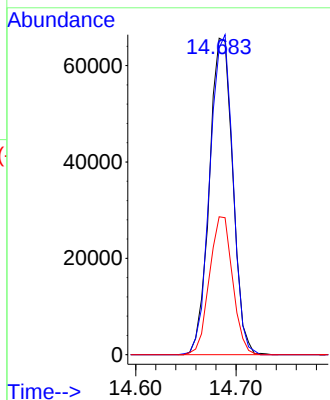
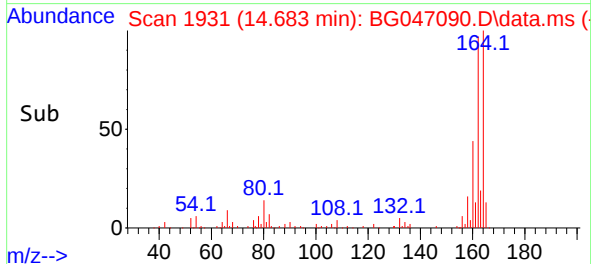
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



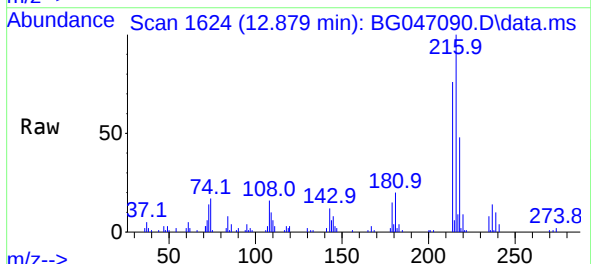
Tgt Ion:164 Resp: 106350
Ion Ratio Lower Upper
164 100
162 96.9 82.3 123.5
160 43.6 35.3 52.9

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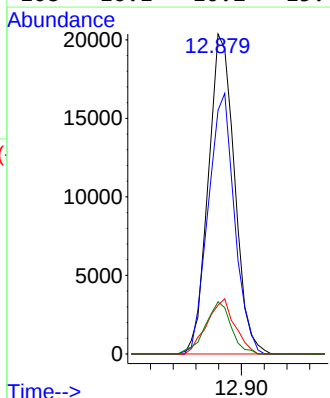
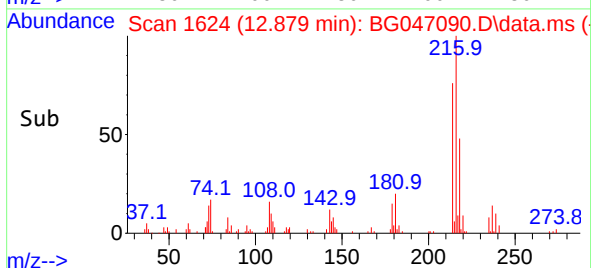
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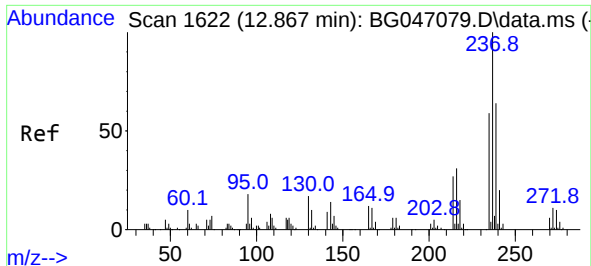


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.38 ng
RT: 12.879 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion:216 Resp: 32546
Ion Ratio Lower Upper
216 100
214 82.0 61.9 92.9
179 18.2 14.8 22.2
108 16.1 10.2 15.4#





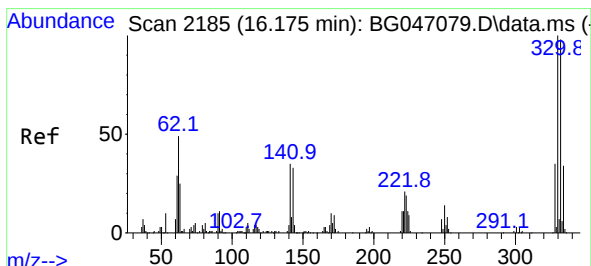
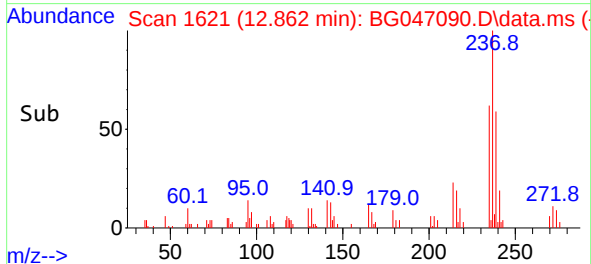
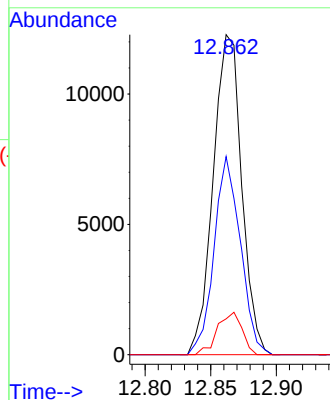
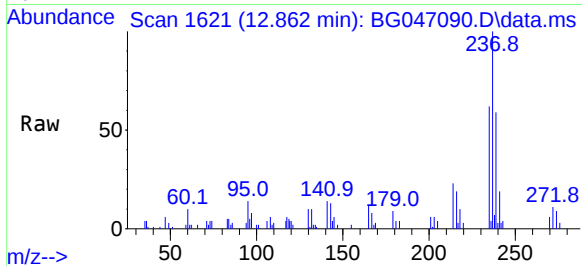
#41
Hexachlorocyclopentadiene
Concen: 8.73 ng
RT: 12.862 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:237 Resp: 18539
Ion Ratio Lower Upper
237 100
235 61.9 43.1 83.1
272 11.2 0.0 33.1

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

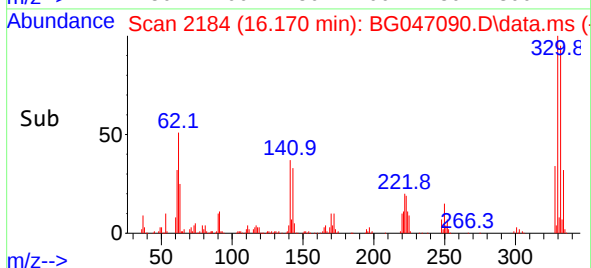
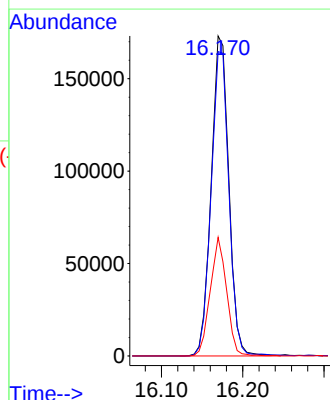
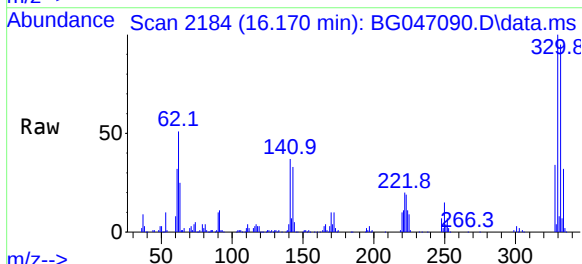
Manual Integrations
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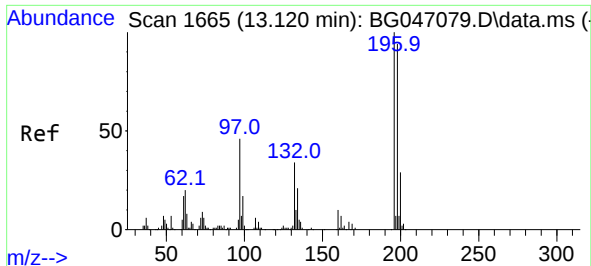
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#42
2,4,6-Tribromophenol
Concen: 152.78 ng
RT: 16.170 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:330 Resp: 260432
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 34.5 26.0 39.0





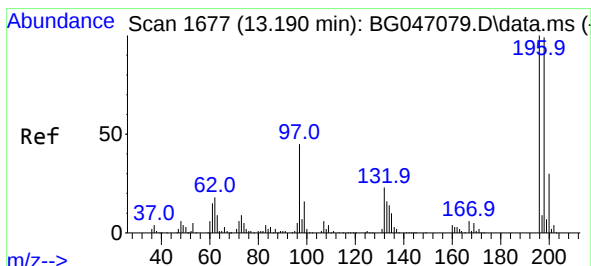
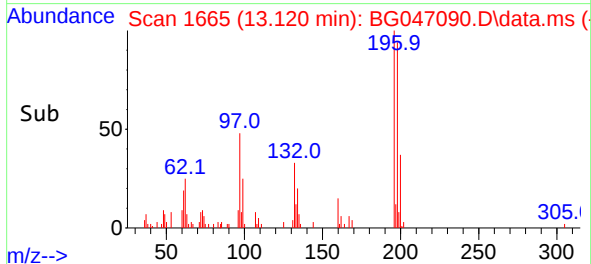
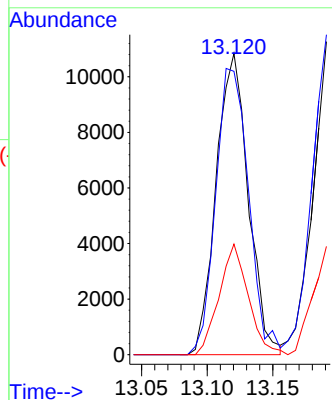
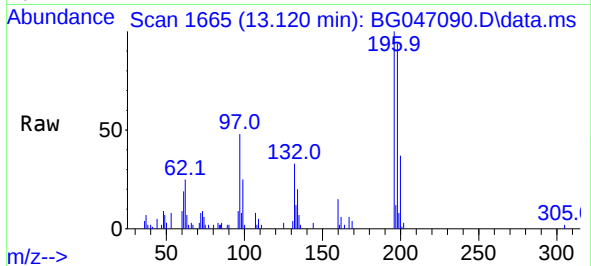
#43
2,4,6-Trichlorophenol
Concen: 7.28 ng
RT: 13.120 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	196	Resp:	18425
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.9	112.3
200	36.7	25.3	37.9

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

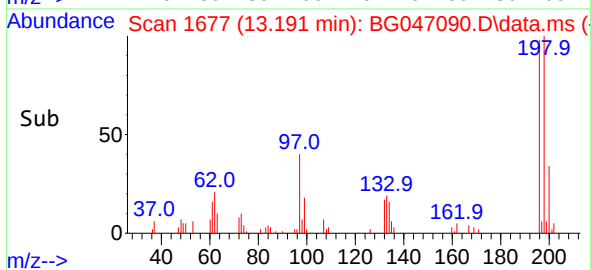
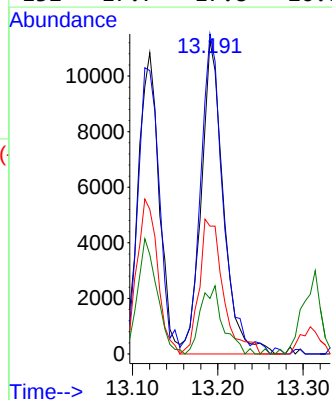
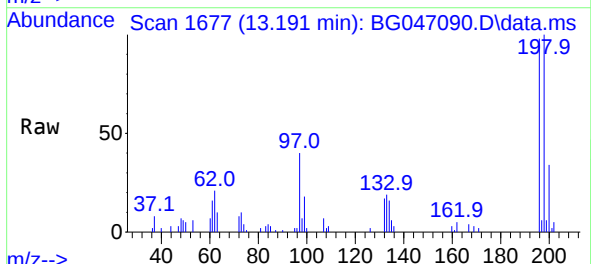
Manual Integrations
APPROVED

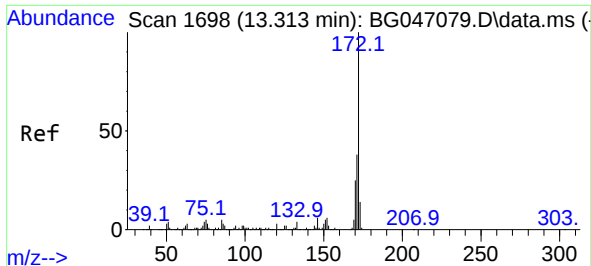
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 7.89 ng
RT: 13.191 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	196	Resp:	20305
Ion Ratio	Lower	Upper	
196	100		
198	102.2	77.6	116.4
97	40.8	28.6	43.0
132	17.7	17.8	26.8#





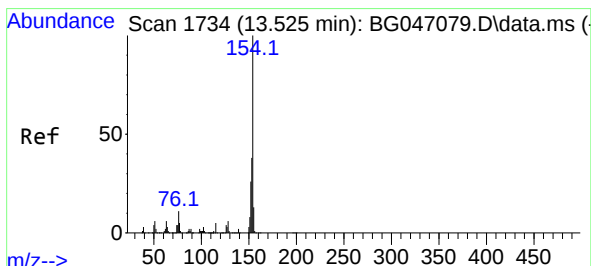
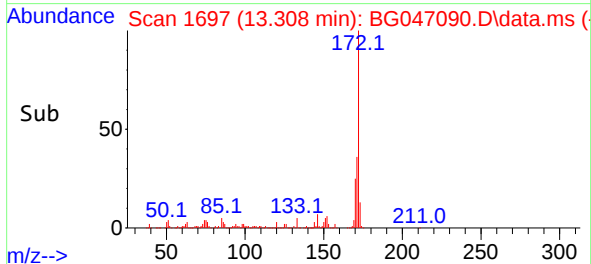
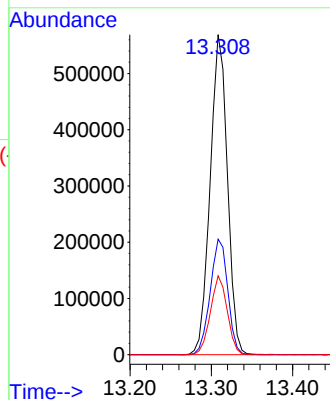
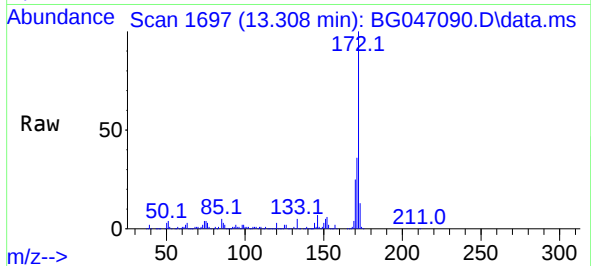
#45
2-Fluorobiphenyl
Concen: 111.43 ng
RT: 13.308 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	172	Resp:	838206
Ion Ratio	Lower	Upper	
172	100		
171	36.1	31.3	46.9
170	24.7	20.8	31.2

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

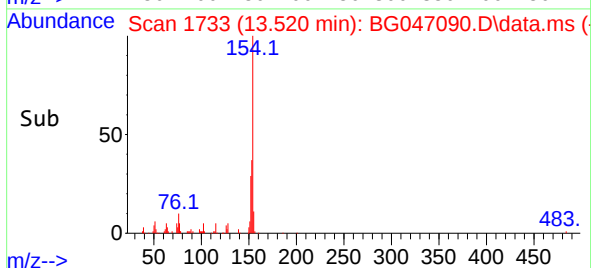
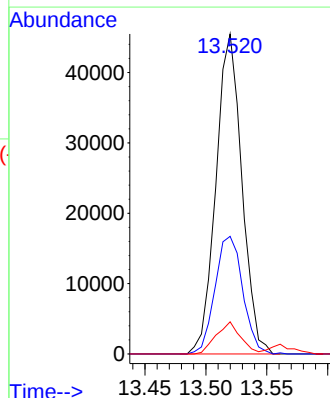
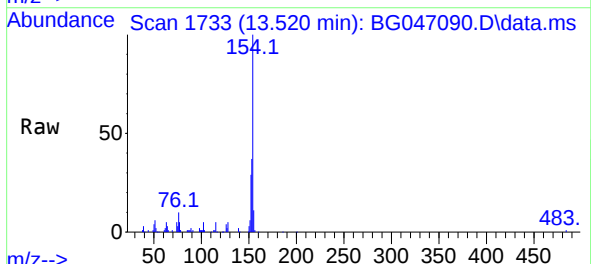
Manual Integrations
APPROVED

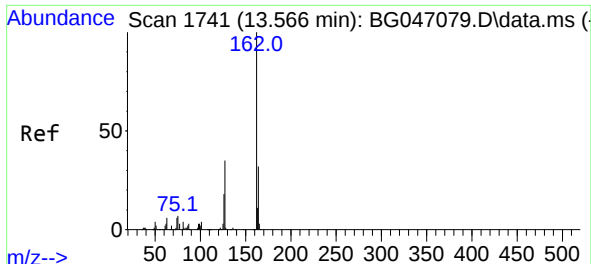
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#46
1,1'-Biphenyl
Concen: 8.37 ng
RT: 13.520 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	154	Resp:	67349
Ion Ratio	Lower	Upper	
154	100		
153	36.8	22.6	62.6
76	10.1	0.0	32.6





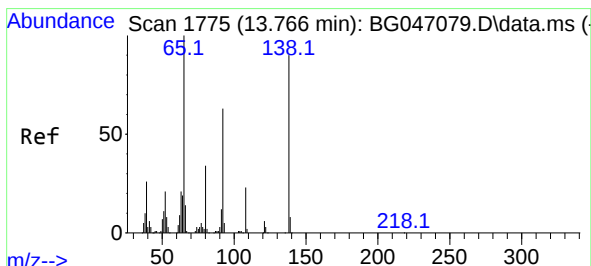
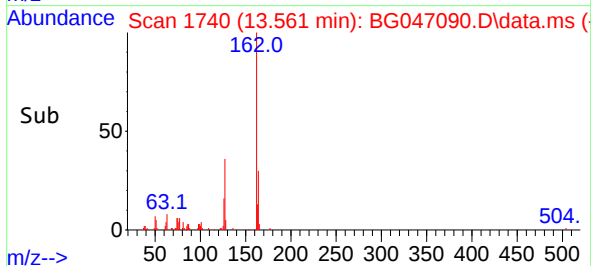
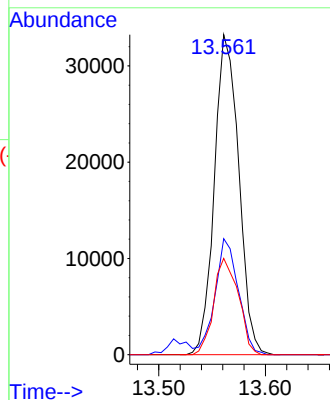
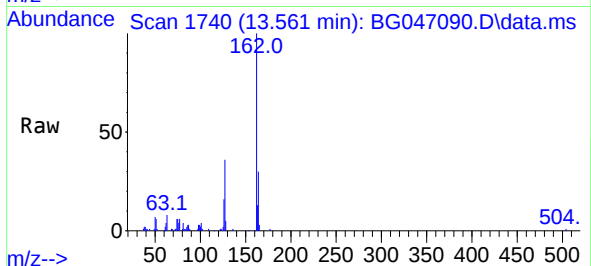
#47
2-Chloronaphthalene
Concen: 7.97 ng
RT: 13.561 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	162	Resp:	52804
Ion Ratio	Lower	Upper	
162	100		
127	36.3	27.8	41.6
164	30.1	27.0	40.4

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

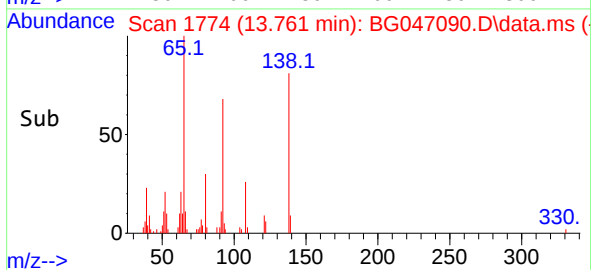
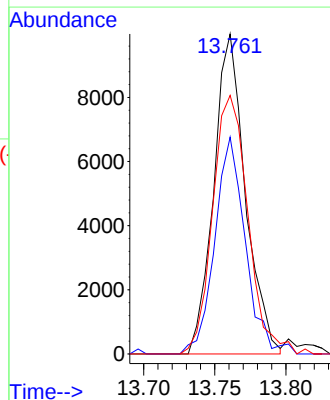
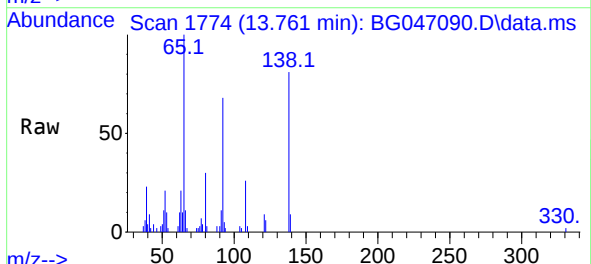
Manual Integrations
APPROVED

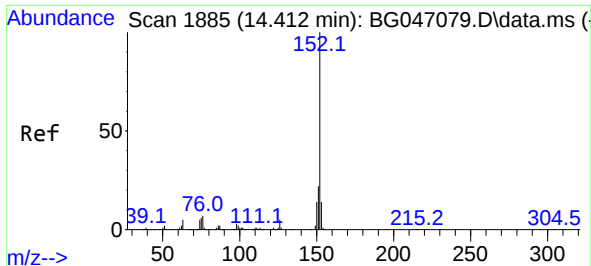
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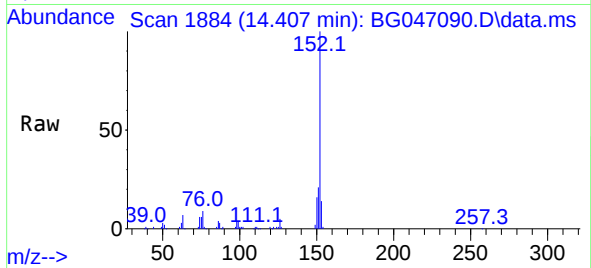
#48
2-Nitroaniline
Concen: 7.13 ng
RT: 13.761 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	65	Resp:	15405
Ion Ratio	Lower	Upper	
65	100		
92	67.8	58.6	88.0
138	80.8	98.2	147.4#

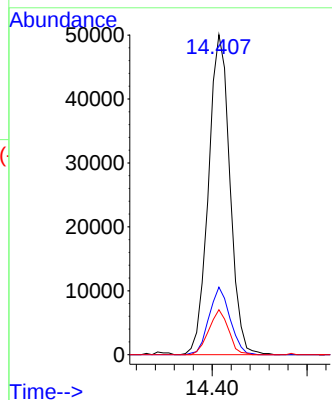




#49
Acenaphthylene
Concen: 8.15 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



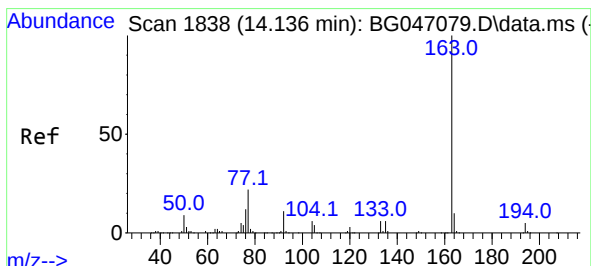
Tgt Ion:152 Resp: 78431
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.0
153 14.0 11.5 17.3



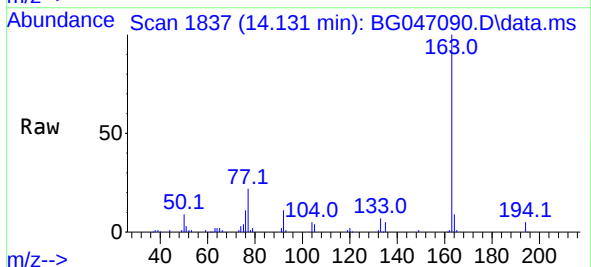
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
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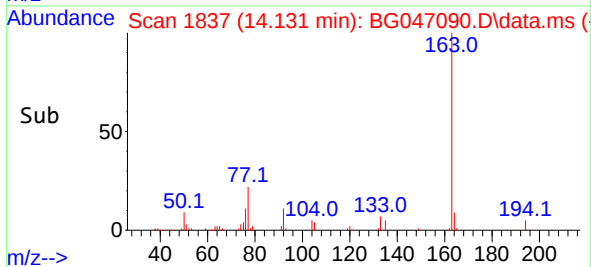
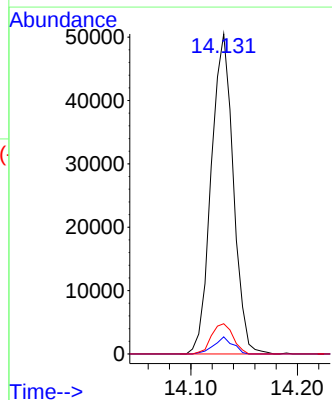
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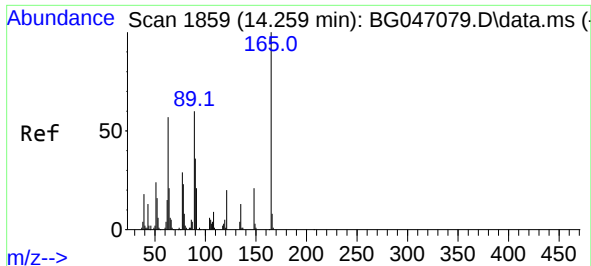


#50
Dimethylphthalate
Concen: 8.28 ng
RT: 14.131 min Scan# 1837
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion:163 Resp: 72574
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 9.4 8.8 13.2





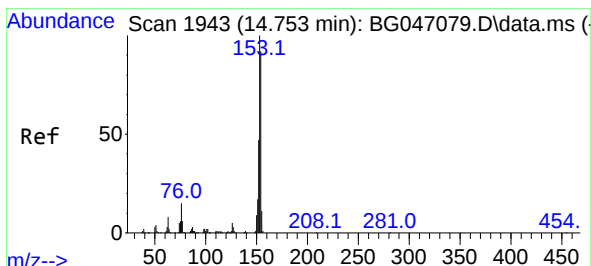
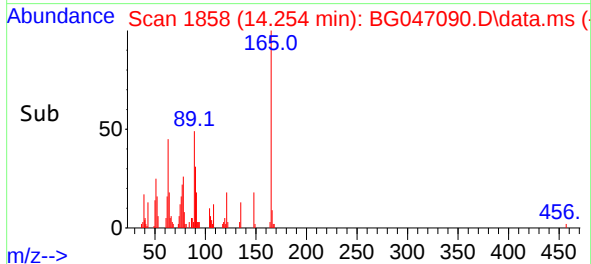
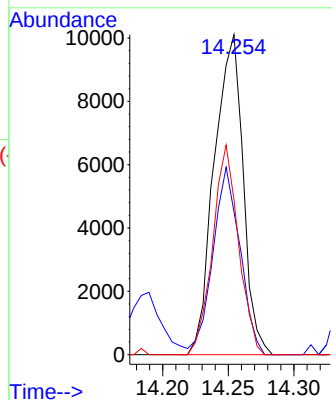
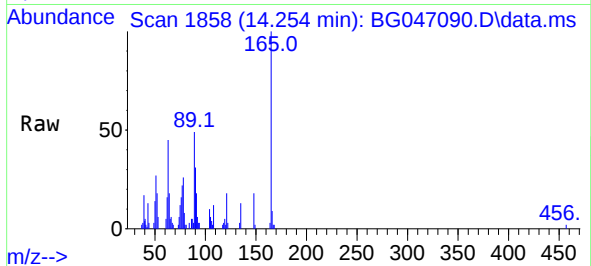
#51
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 14.254 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:165 Resp: 15433
Ion Ratio Lower Upper
165 100
63 44.7 33.7 50.5
89 48.5 36.6 54.8

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

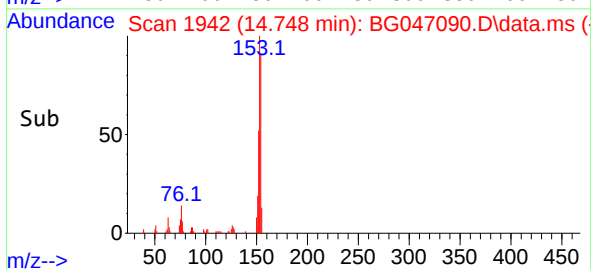
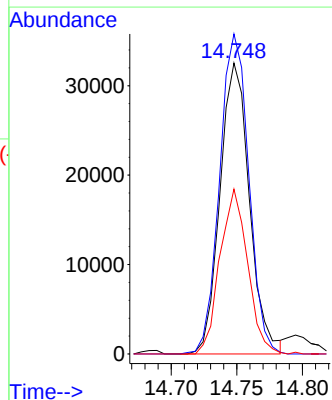
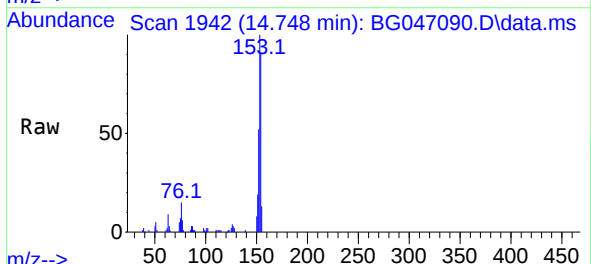
Manual Integrations
APPROVED

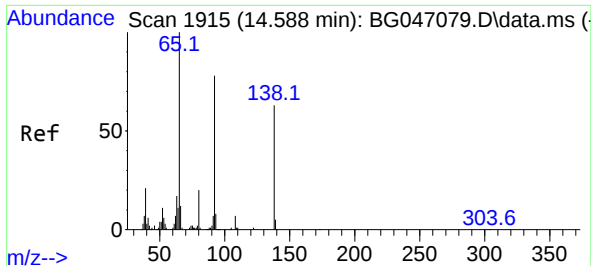
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#52
Acenaphthene
Concen: 8.08 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:154 Resp: 50762
Ion Ratio Lower Upper
154 100
153 110.0 90.3 135.5
152 56.7 43.8 65.8





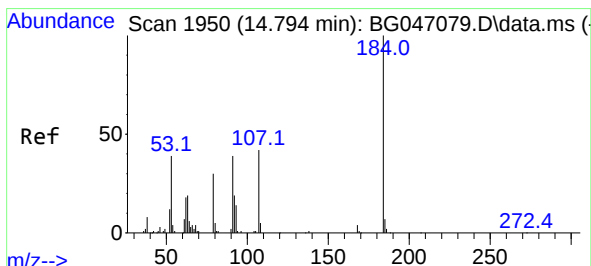
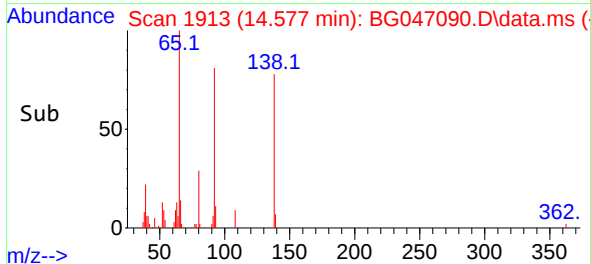
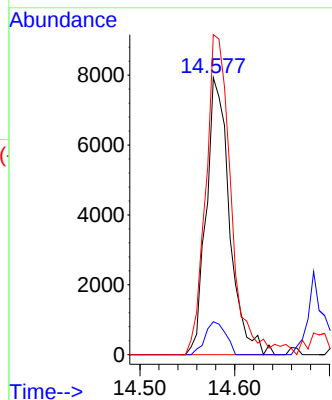
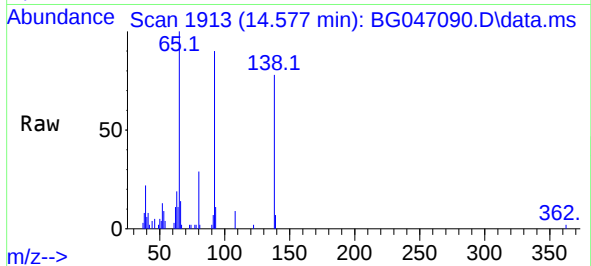
#53
3-Nitroaniline
Concen: 7.45 ng
RT: 14.577 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:138 Resp: 13530
Ion Ratio Lower Upper
138 100
108 11.9 7.4 11.0#
92 115.5 85.2 127.8

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

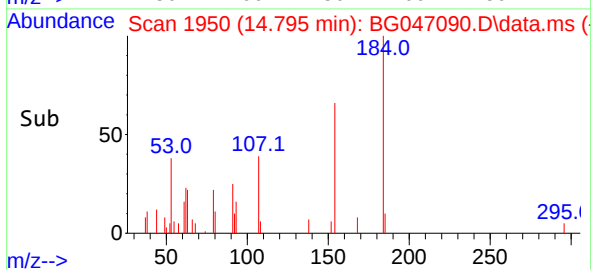
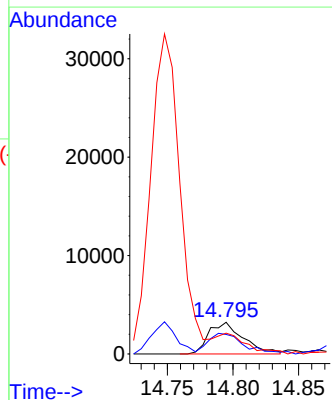
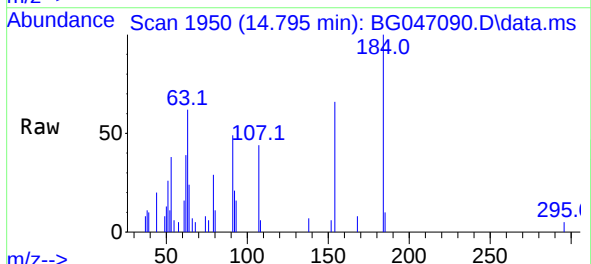
Manual Integrations
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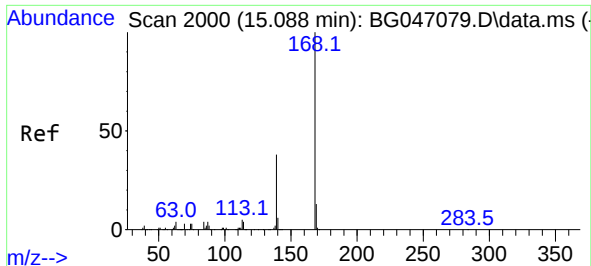
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#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.795 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:184 Resp: 5874
Ion Ratio Lower Upper
184 100
63 61.8 32.3 48.5#
154 65.7 40.4 60.6#





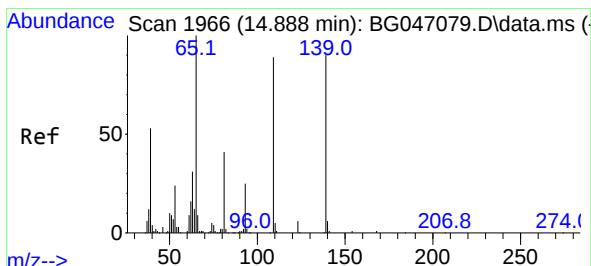
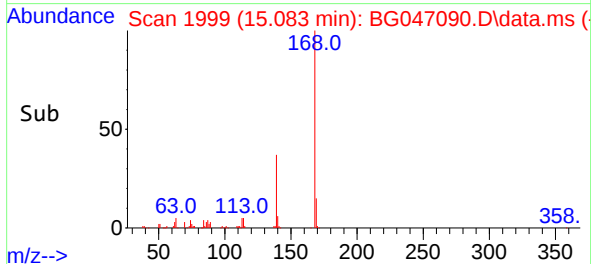
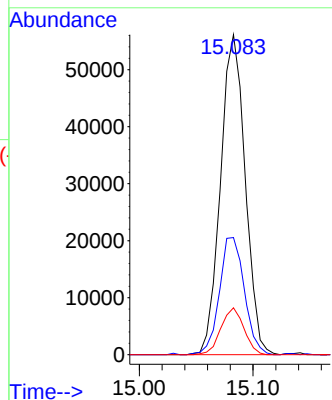
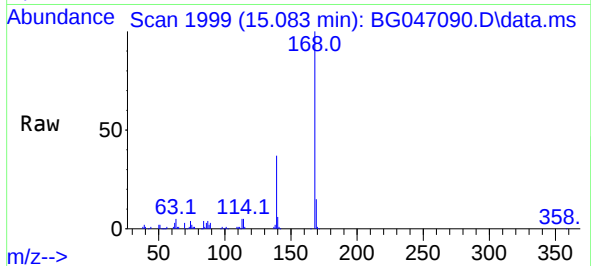
#55
Dibenzenofuran
Concen: 8.40 ng
RT: 15.083 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	168	Resp:	84671
Ion Ratio	Lower	Upper	
168	100		
139	36.6	28.6	43.0
169	14.7	11.0	16.6

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

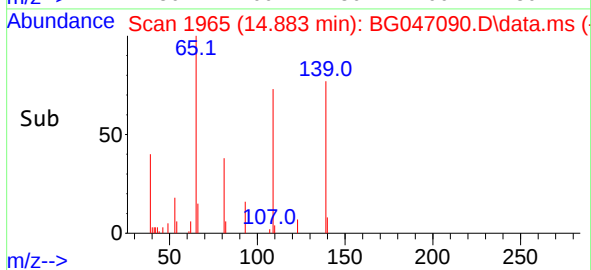
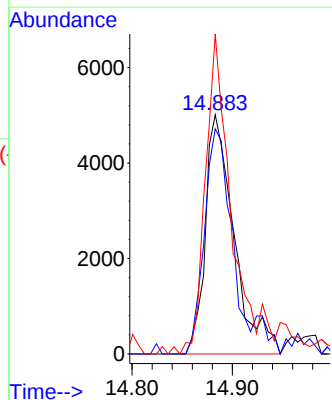
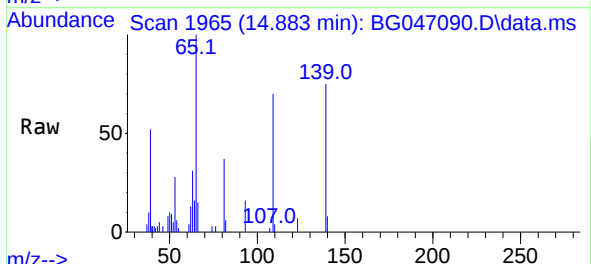
Manual Integrations
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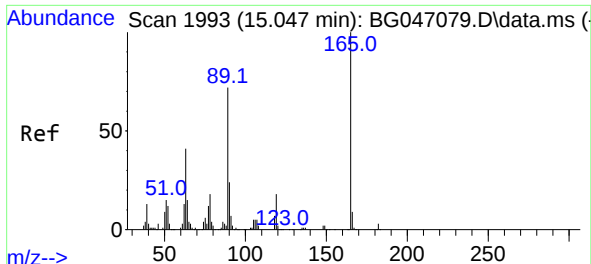
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#56
4-Nitrophenol
Concen: 7.01 ng
RT: 14.883 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

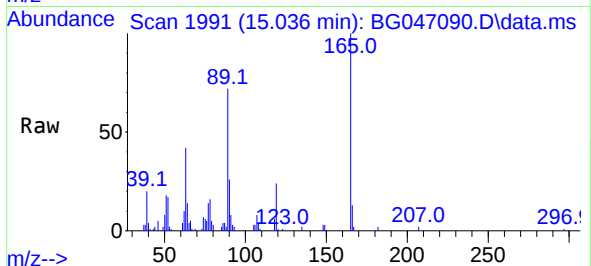
Tgt Ion:	139	Resp:	9962
Ion Ratio	Lower	Upper	
139	100		
109	94.2	45.9	85.9#
65	133.8	65.4	105.4#





#57
2,4-Dinitrotoluene
Concen: 7.89 ng
RT: 15.036 min Scan# 1991
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

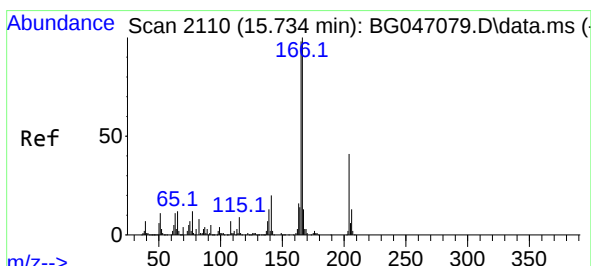
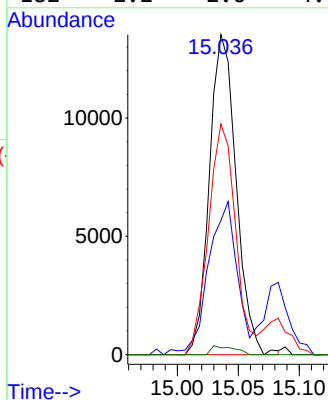
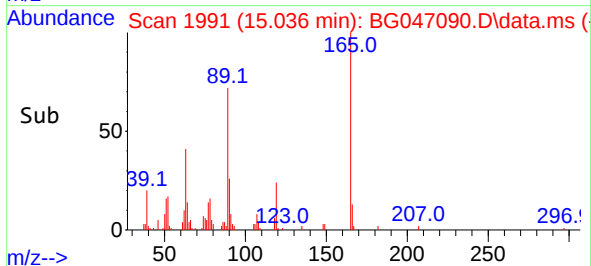
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



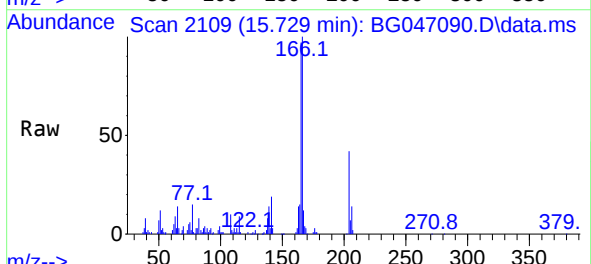
Tgt Ion:165 Resp: 20711
Ion Ratio Lower Upper
165 100
63 42.0 26.4 39.6#
89 72.1 47.8 71.8#
182 2.2 2.6 4.0#

Manual Integrations
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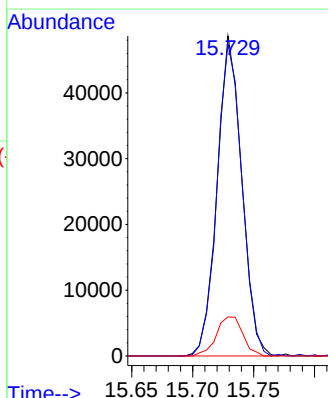
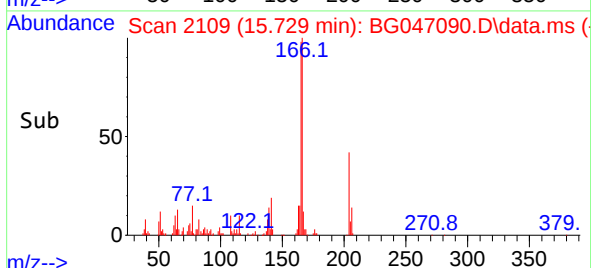
mohammad
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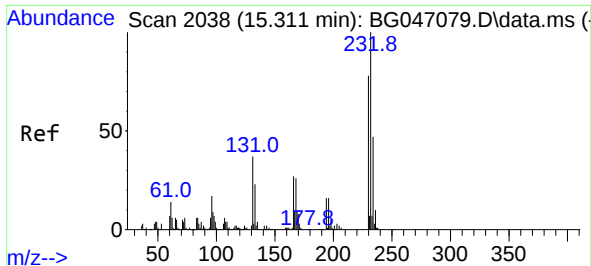


#58
Fluorene
Concen: 8.38 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion:166 Resp: 68223
Ion Ratio Lower Upper
166 100
165 97.5 77.2 115.8
167 12.2 11.4 17.2





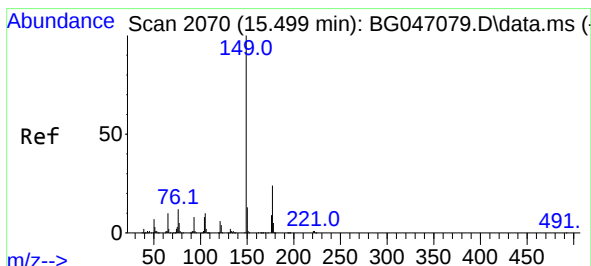
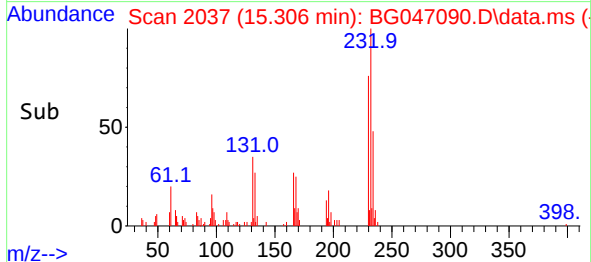
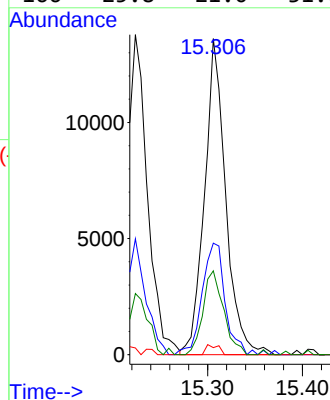
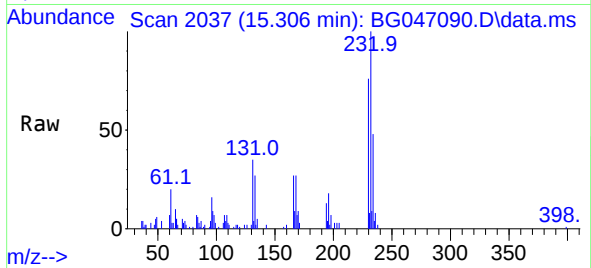
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.75 ng
RT: 15.306 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	232	Resp:	21167
Ion Ratio	Lower	Upper	
232	100		
131	38.2	26.6	40.0
130	1.9	1.4	2.0
166	25.8	21.0	31.6

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

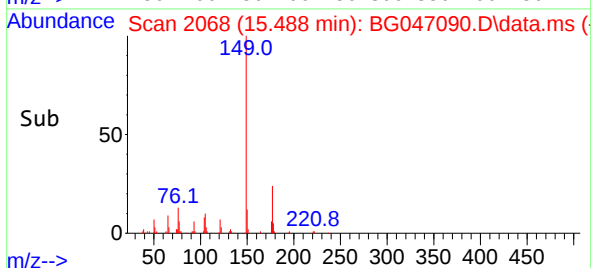
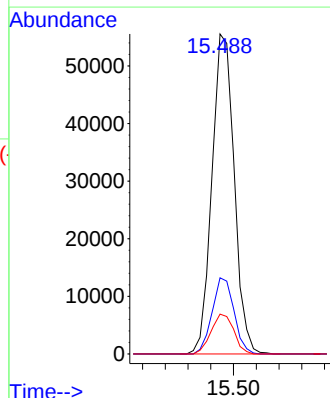
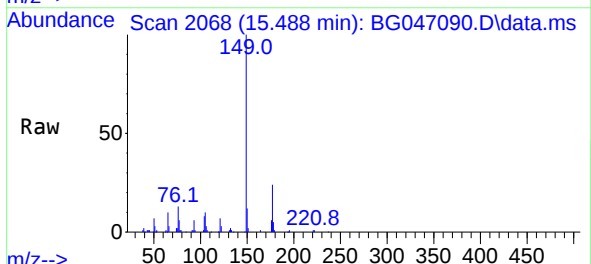
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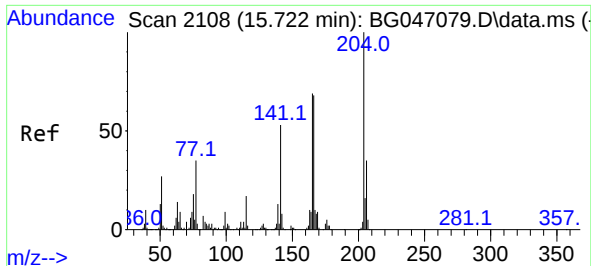
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#60
Diethylphthalate
Concen: 8.65 ng
RT: 15.488 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

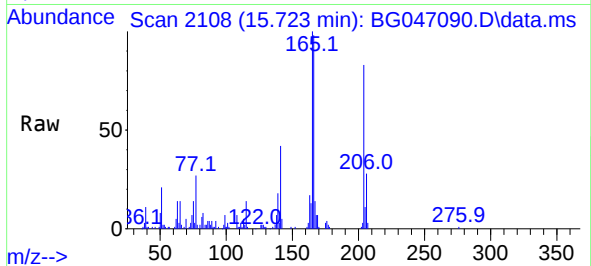
Tgt Ion:	149	Resp:	75492
Ion Ratio	Lower	Upper	
149	100		
177	23.8	21.4	32.2
150	12.5	10.7	16.1





#61
4-Chlorophenyl-phenylether
Concen: 8.43 ng
RT: 15.723 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

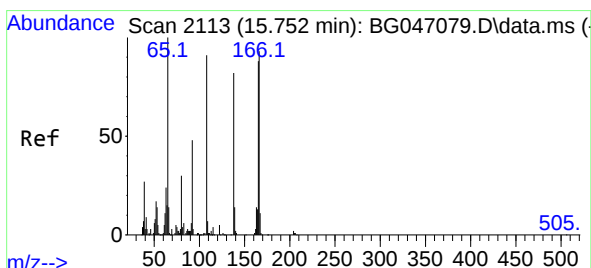
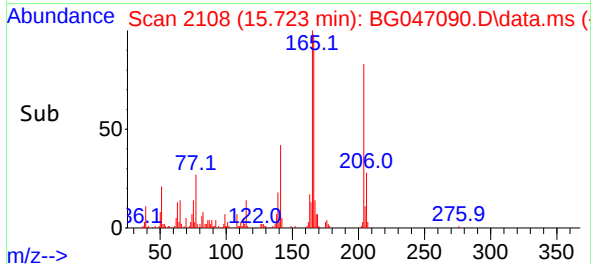
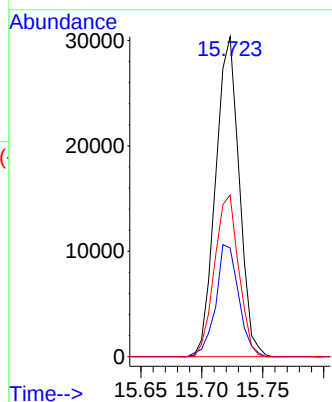
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:204 Resp: 40919
Ion Ratio Lower Upper
204 100
206 34.0 27.8 41.8
141 50.5 41.5 62.3

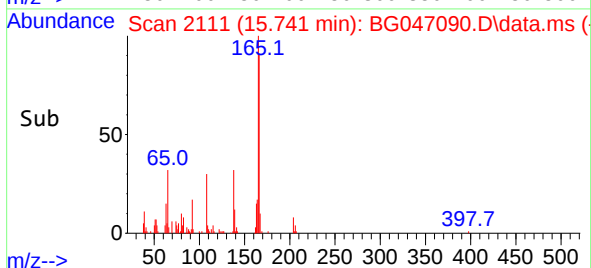
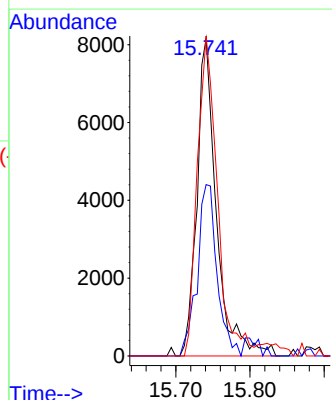
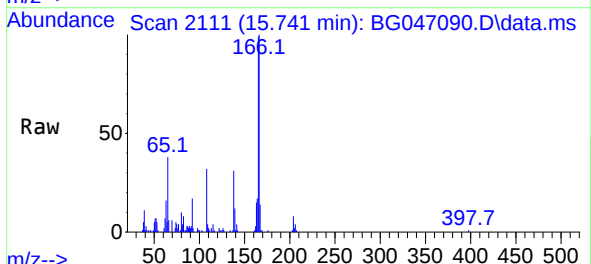
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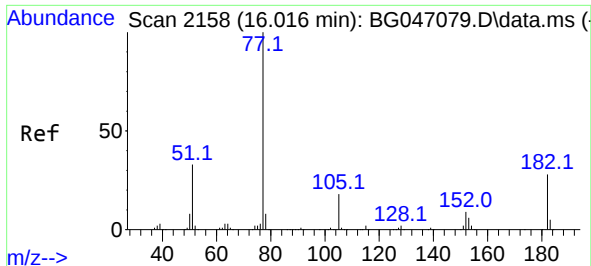
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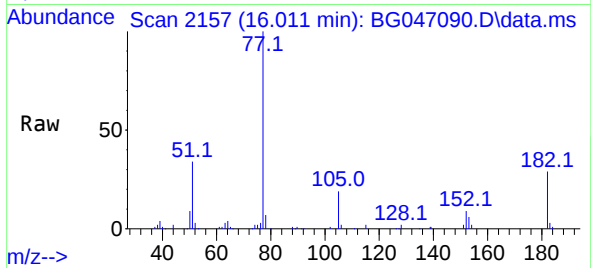
#62
4-Nitroaniline
Concen: 7.65 ng
RT: 15.741 min Scan# 2111
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:138 Resp: 14924
Ion Ratio Lower Upper
138 100
92 54.0 26.9 66.9
108 100.8 49.4 89.4#

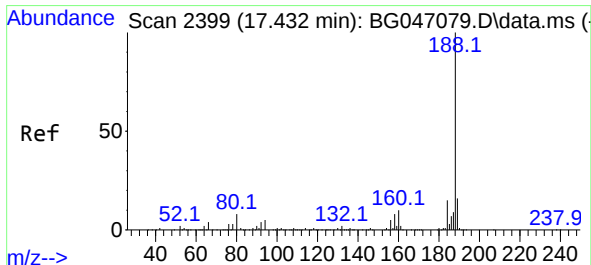
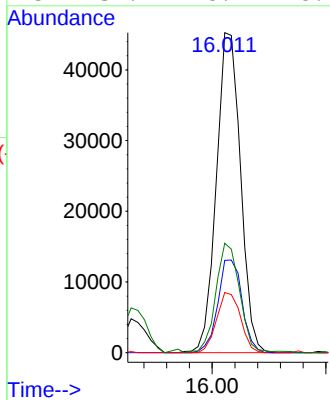
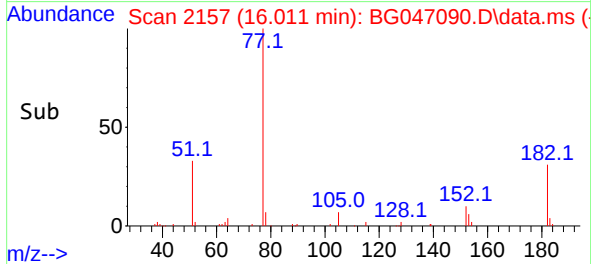




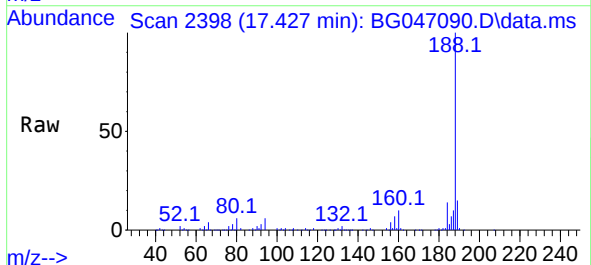
#63
Azobenzene
Concen: 8.62 ng
RT: 16.011 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



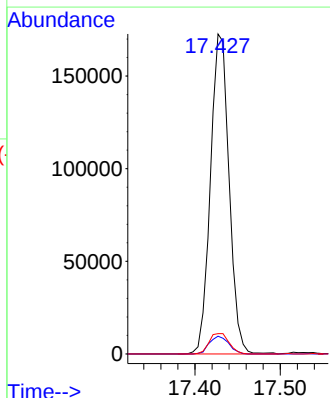
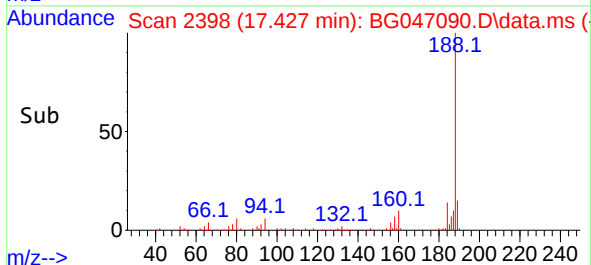
Tgt Ion: 77 Resp: 66840
Ion Ratio Lower Upper
77 100
182 28.8 14.0 54.0
105 18.8 3.0 43.0
51 34.2 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.427 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



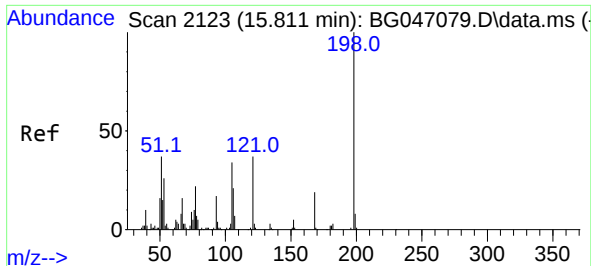
Tgt Ion: 188 Resp: 262040
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 6.4 7.0 10.6#



Instrument :
BNA_G
ClientSampleId :
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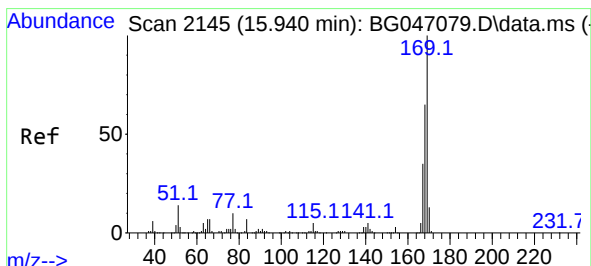
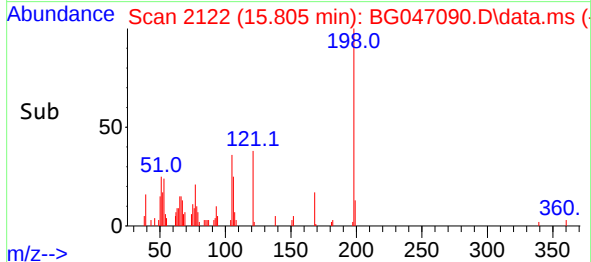
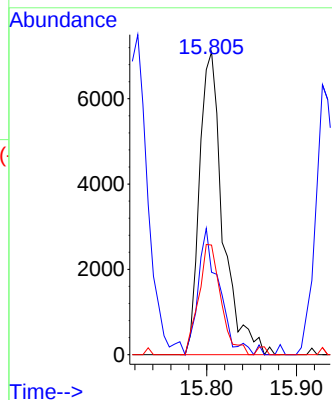
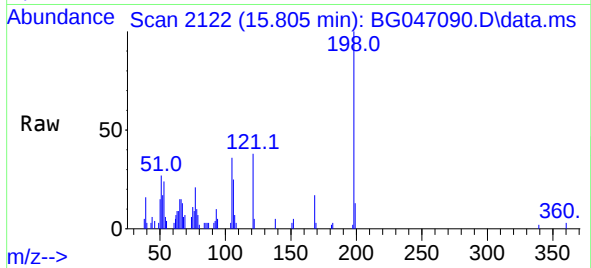
#65
4,6-Dinitro-2-methylphenol
Concen: 7.96 ng
RT: 15.805 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	198	Resp:	12827
Ion Ratio	Lower	Upper	
198	100		
51	27.2	10.4	50.4
105	36.2	12.9	52.9

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

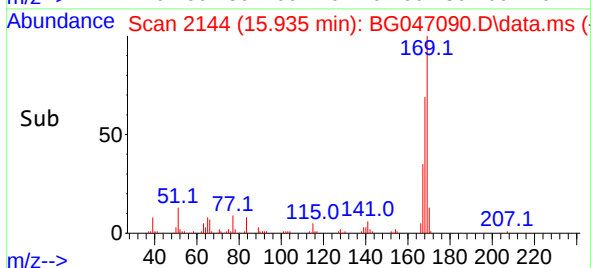
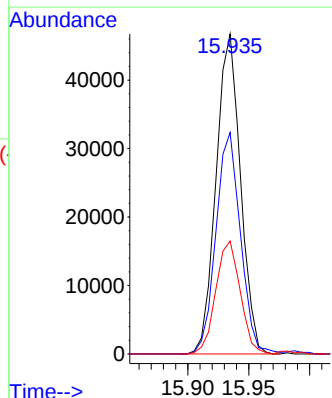
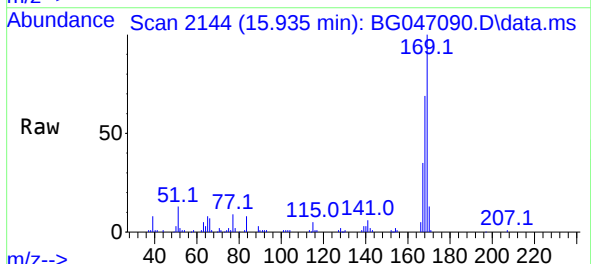
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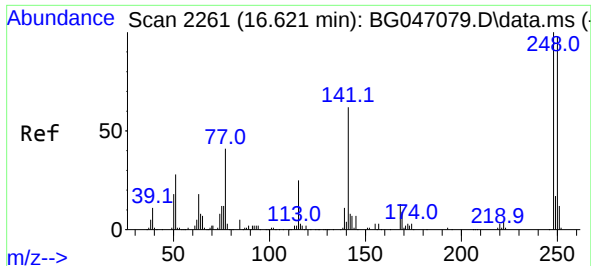
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#66
n-Nitrosodiphenylamine
Concen: 8.66 ng
RT: 15.935 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	169	Resp:	65132
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.5	83.3
167	35.3	30.5	45.7





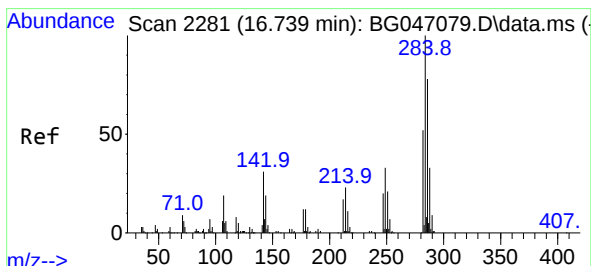
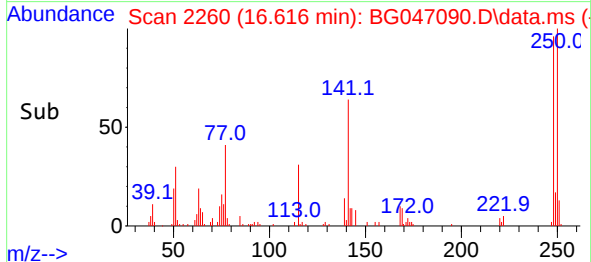
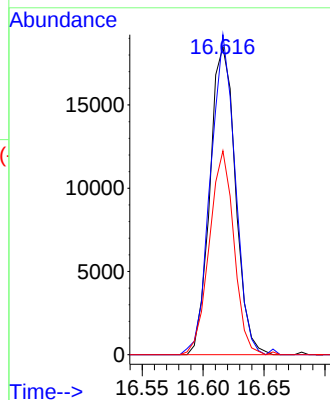
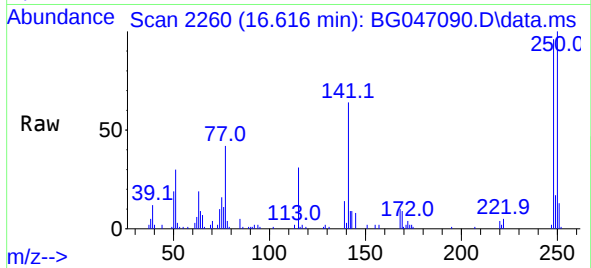
#67
4-Bromophenyl-phenylether
Concen: 7.81 ng
RT: 16.616 min Scan# 2260
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:248 Resp: 26924
Ion Ratio Lower Upper
248 100
250 104.0 78.9 118.3
141 66.3 46.2 69.4

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

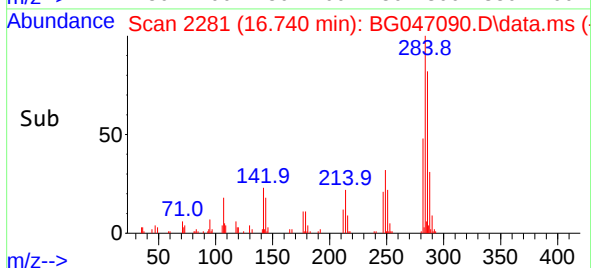
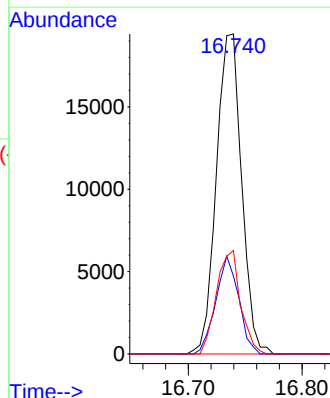
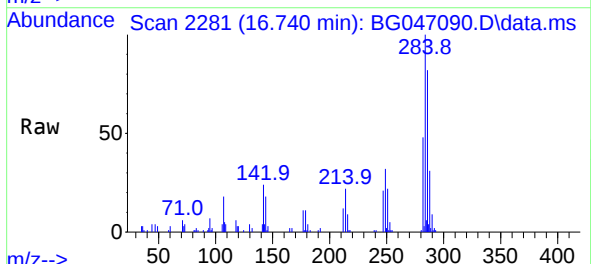
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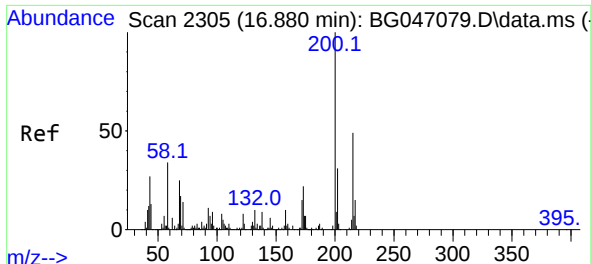
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#68
Hexachlorobenzene
Concen: 8.23 ng
RT: 16.740 min Scan# 2281
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:284 Resp: 29940
Ion Ratio Lower Upper
284 100
142 24.3 21.1 31.7
249 32.3 25.9 38.9





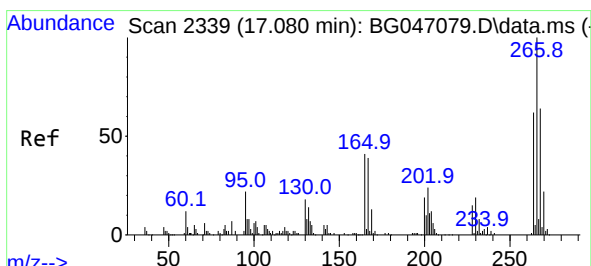
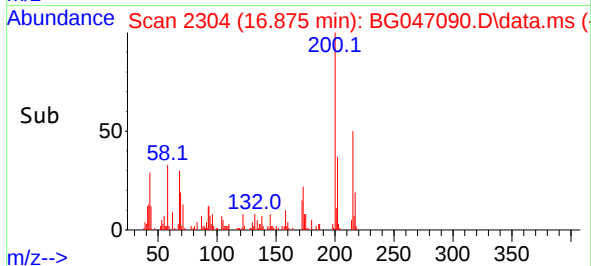
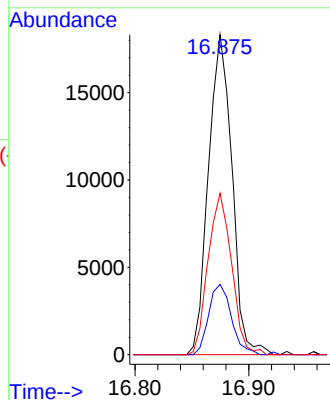
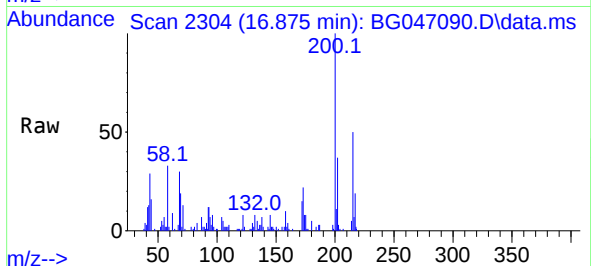
#69
Atrazine
Concen: 8.51 ng
RT: 16.875 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:	200	Resp:	26341
Ion Ratio	Lower	Upper	
200	100		
173	21.9	4.2	44.2
215	50.4	30.0	70.0

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

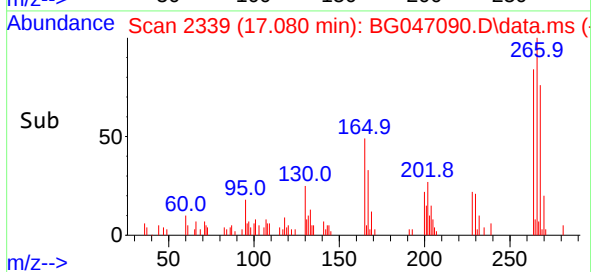
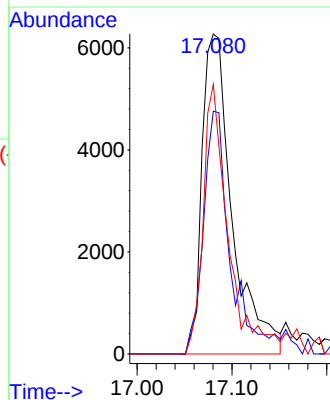
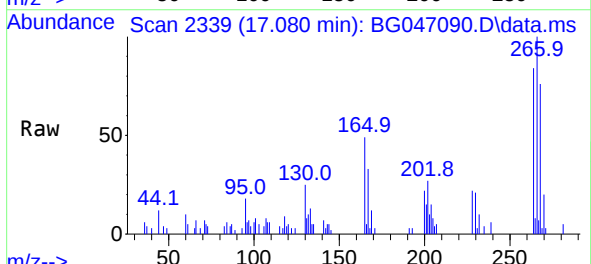
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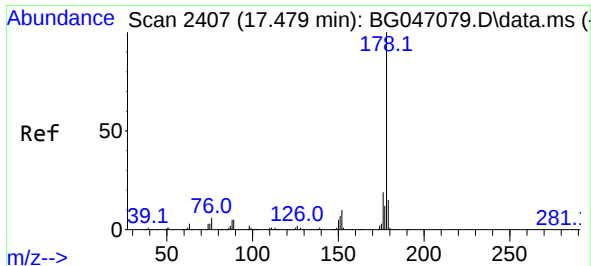
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#70
Pentachlorophenol
Concen: 6.55 ng
RT: 17.080 min Scan# 2339
Delta R.T. 0.001 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

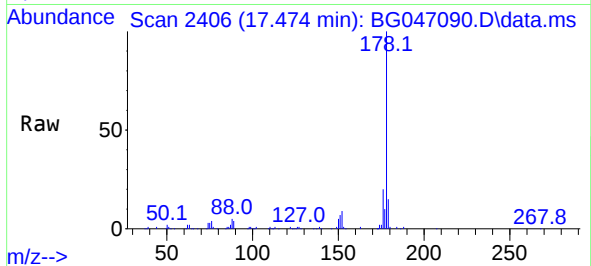
Tgt Ion:	266	Resp:	13878
Ion Ratio	Lower	Upper	
266	100		
268	75.9	49.8	74.6#
264	84.2	49.3	73.9#





#71
Phenanthrene
Concen: 8.81 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

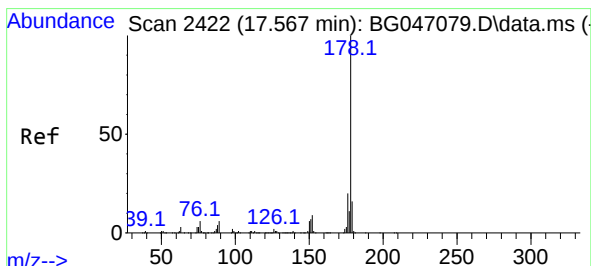
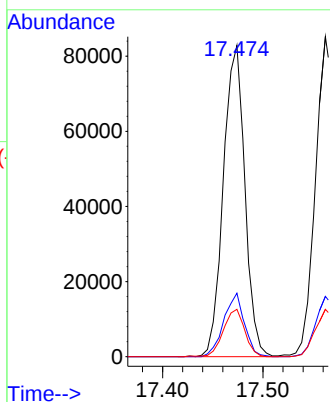
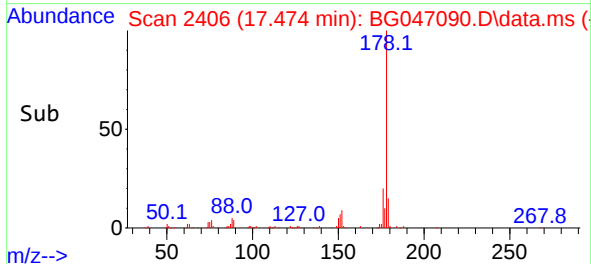
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



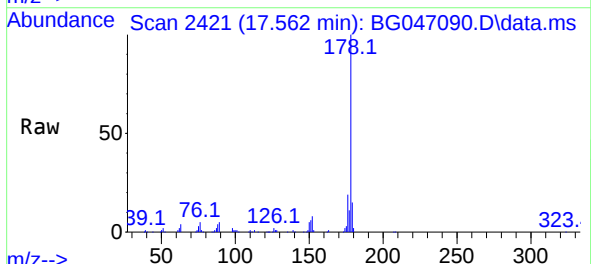
Tgt Ion:178 Resp: 123356
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 15.2 14.0 21.0

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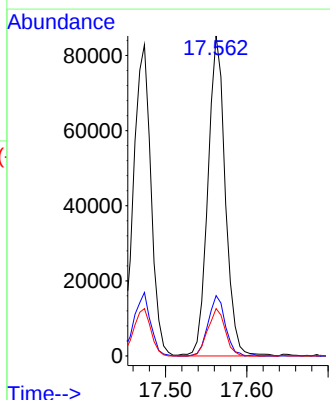
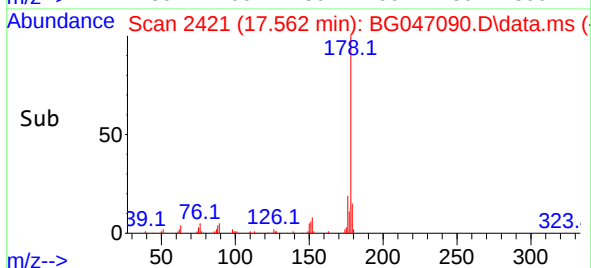
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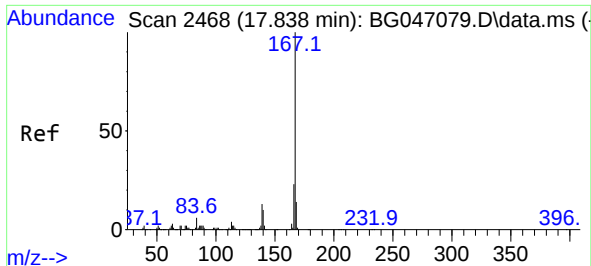


#72
Anthracene
Concen: 9.22 ng
RT: 17.562 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



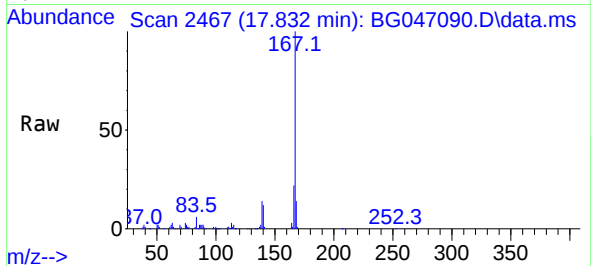
Tgt Ion:178 Resp: 126389
Ion Ratio Lower Upper
178 100
176 18.9 16.4 24.6
179 14.8 13.8 20.6





#73
Carbazole
Concen: 9.08 ng
RT: 17.832 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

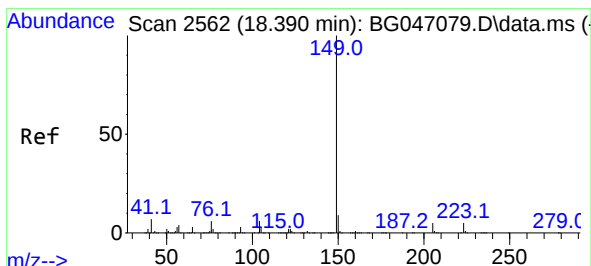
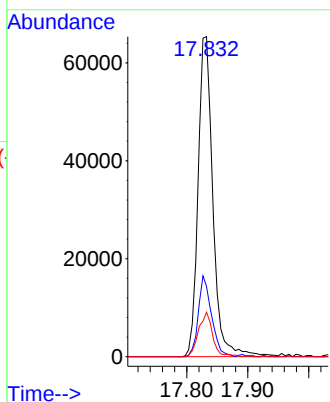
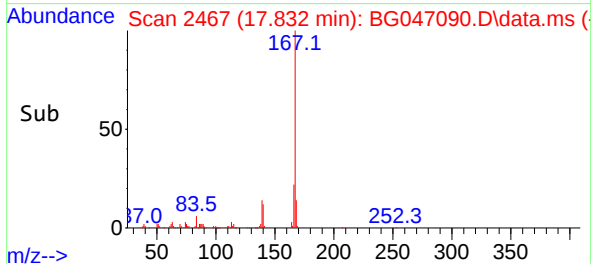
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



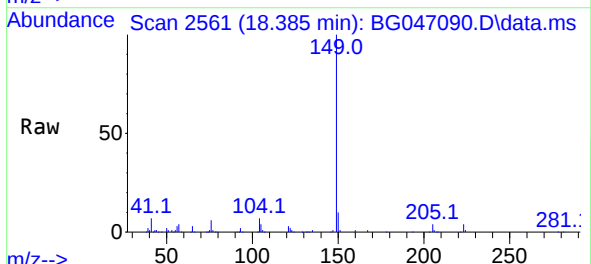
Tgt Ion:167 Resp: 110725
Ion Ratio Lower Upper
167 100
166 22.0 18.7 28.1
139 13.9 9.6 14.4

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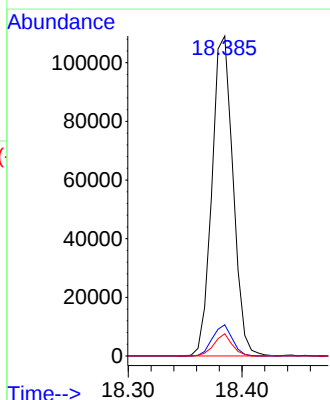
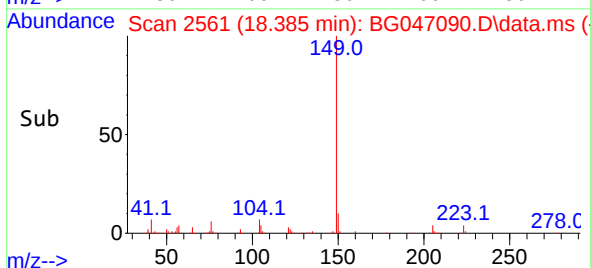
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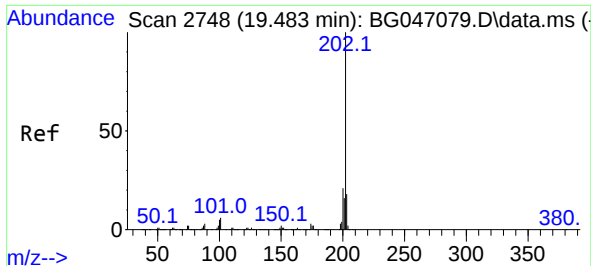


#74
Di-n-butylphthalate
Concen: 9.33 ng
RT: 18.385 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



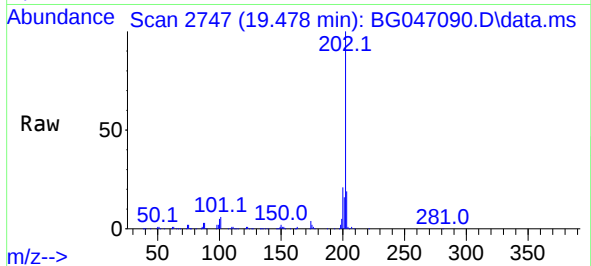
Tgt Ion:149 Resp: 140723
Ion Ratio Lower Upper
149 100
150 9.7 8.2 12.4
104 6.9 3.8 5.8#





#75
Fluoranthene
Concen: 9.30 ng
RT: 19.478 min Scan# 2747
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

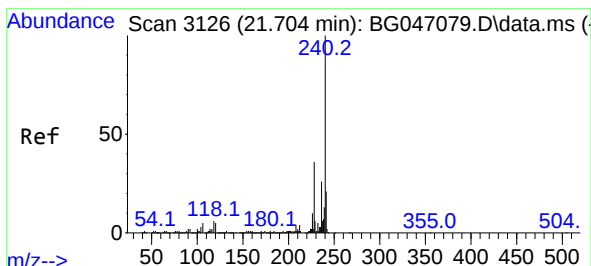
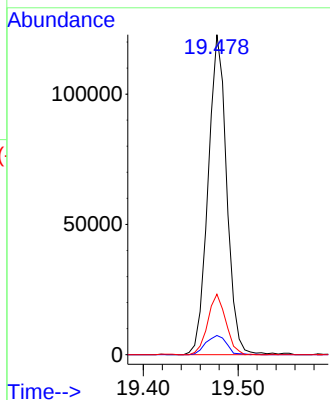
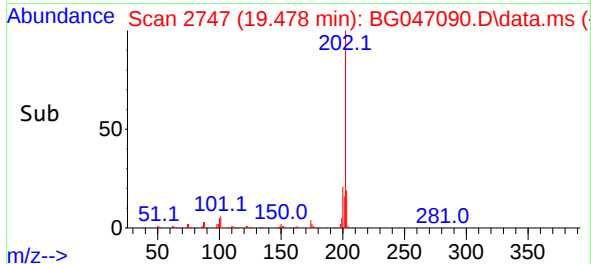
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



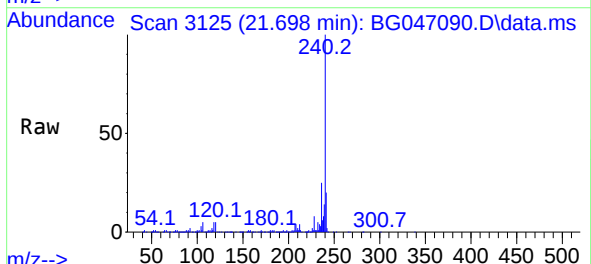
Tgt Ion:202 Resp: 167343
Ion Ratio Lower Upper
202 100
101 6.0 0.0 29.7
203 18.9 0.0 39.2

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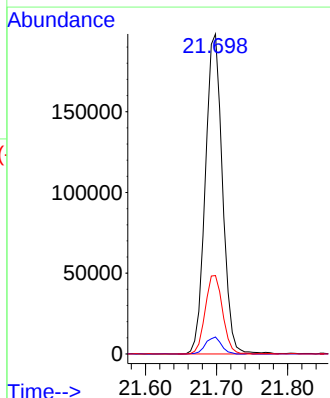
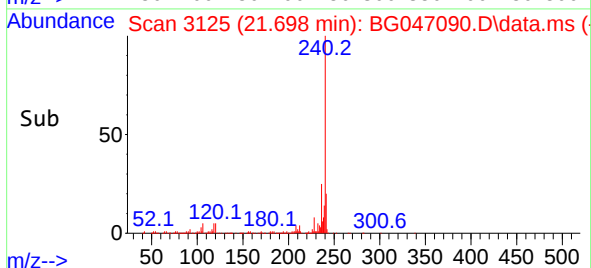
mohammad
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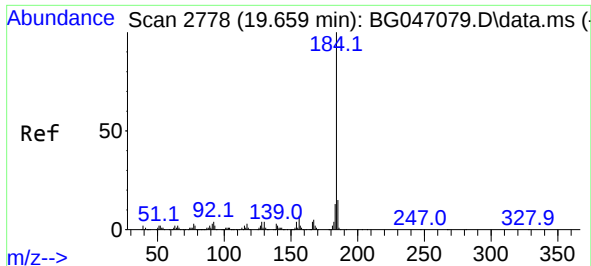


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.698 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion:240 Resp: 331739
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 24.5 20.5 30.7





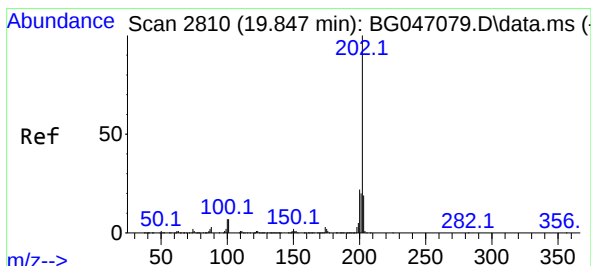
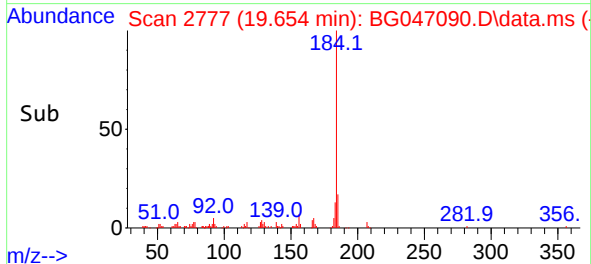
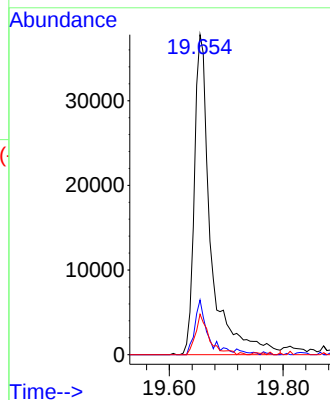
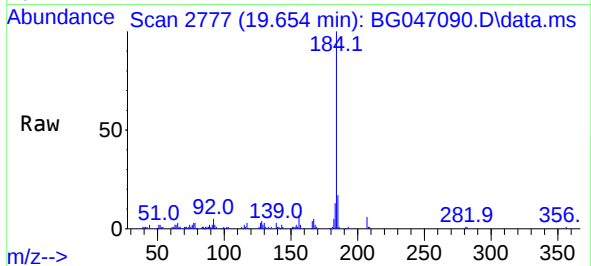
#77
Benzidine
Concen: 10.06 ng
RT: 19.654 min Scan# 2777
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:184	Resp:	76292
Ion Ratio	Lower	Upper
184	100	
185	17.1	12.4 18.6
183	12.7	10.6 15.8

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

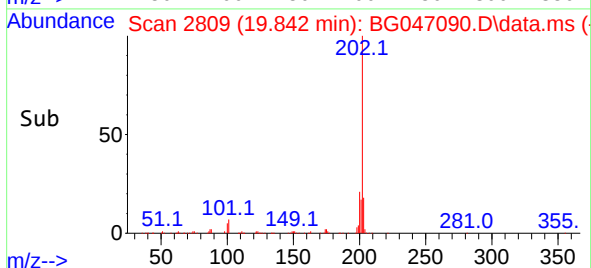
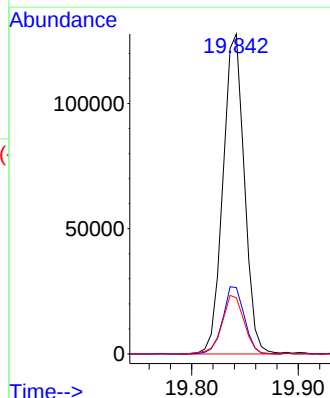
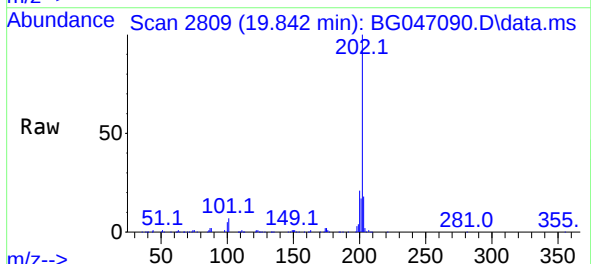
Manual Integrations
APPROVED

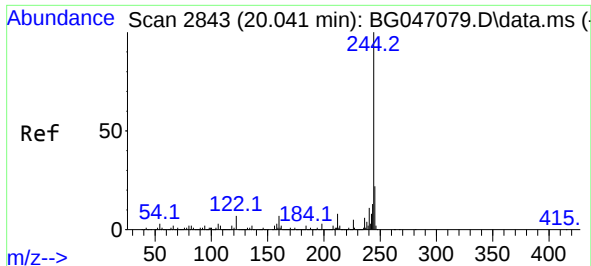
mohammad
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#78
Pyrene
Concen: 8.40 ng
RT: 19.842 min Scan# 2809
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

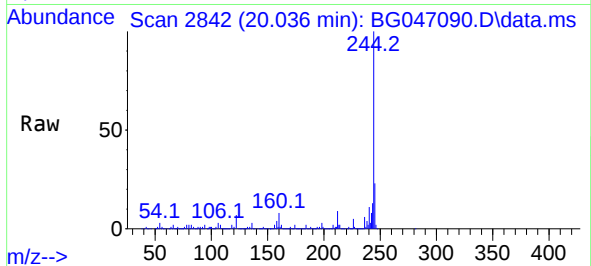
Tgt Ion:202	Resp:	177571
Ion Ratio	Lower	Upper
202	100	
200	20.8	18.6 27.8
203	17.6	15.3 22.9





#79
Terphenyl-d14
Concen: 109.16 ng
RT: 20.036 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

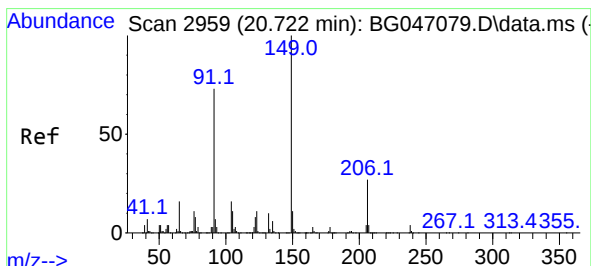
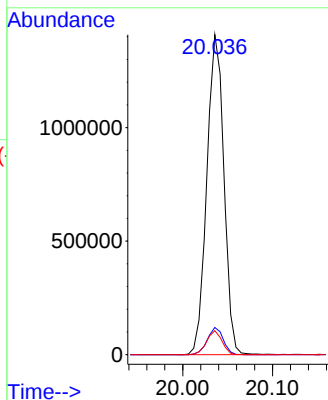
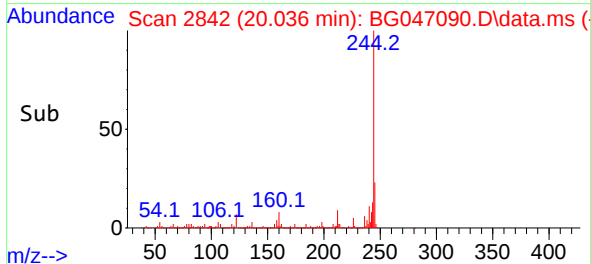
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



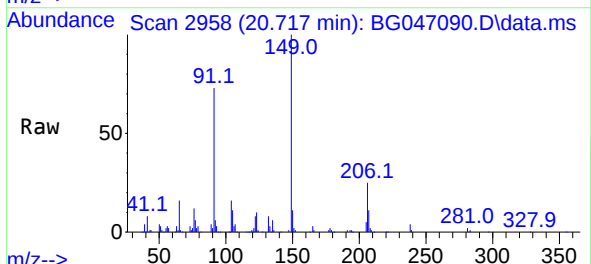
Tgt Ion:244 Resp: 1862311
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 7.5 7.8 11.6#

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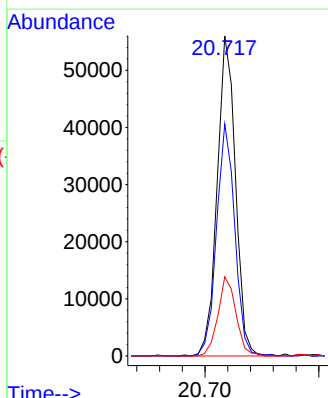
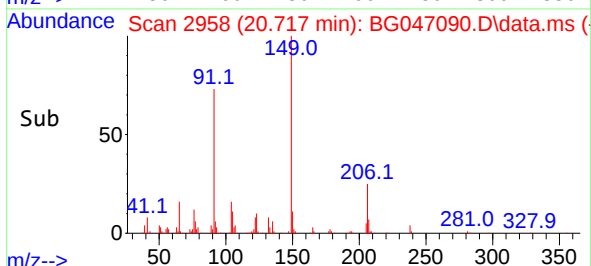
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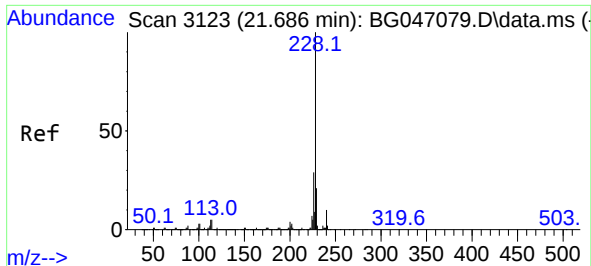


#80
Butylbenzylphthalate
Concen: 7.74 ng
RT: 20.717 min Scan# 2958
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion:149 Resp: 62728
Ion Ratio Lower Upper
149 100
91 72.5 51.5 77.3
206 24.8 21.2 31.8





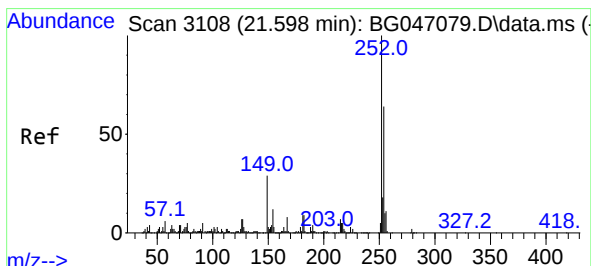
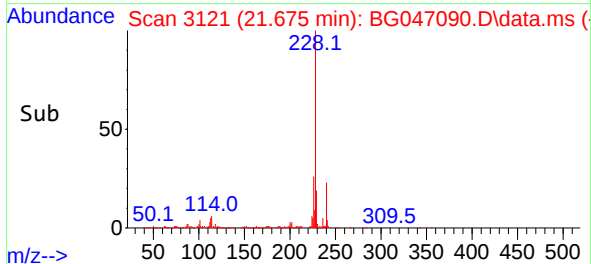
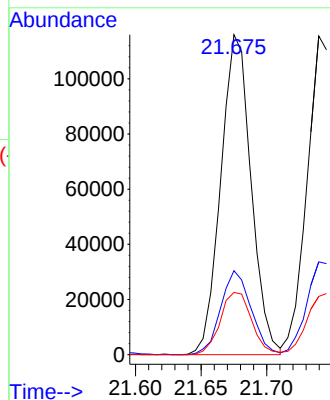
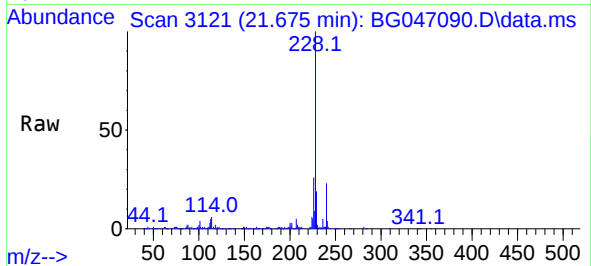
#81
Benzo(a)anthracene
Concen: 8.58 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:228 Resp: 186404
Ion Ratio Lower Upper
228 100
226 26.3 23.3 34.9
229 19.4 17.4 26.0

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

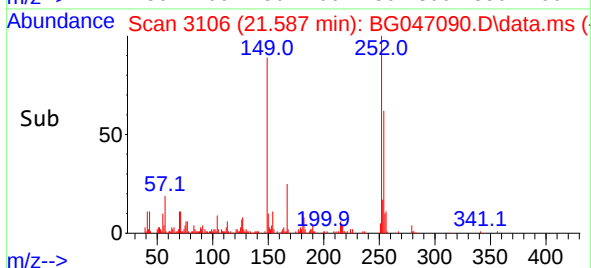
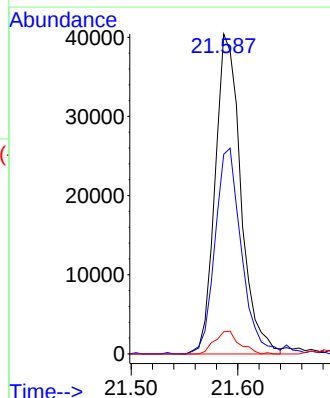
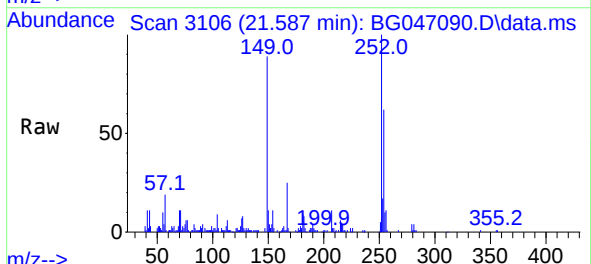
Manual Integrations
APPROVED

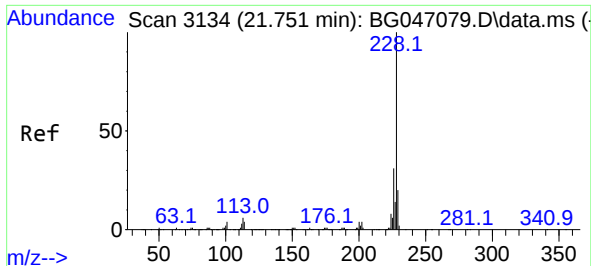
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#82
3,3'-Dichlorobenzidine
Concen: 8.59 ng
RT: 21.587 min Scan# 3106
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:252 Resp: 67670
Ion Ratio Lower Upper
252 100
254 62.4 53.2 79.8
126 6.9 6.8 10.2





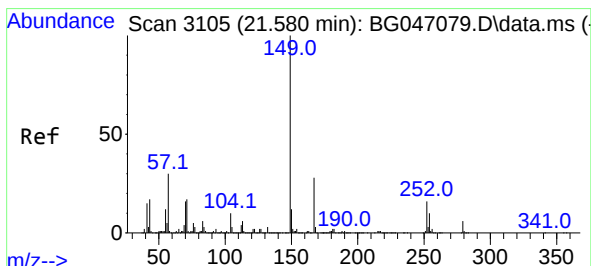
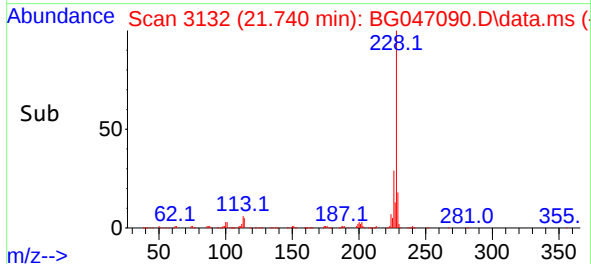
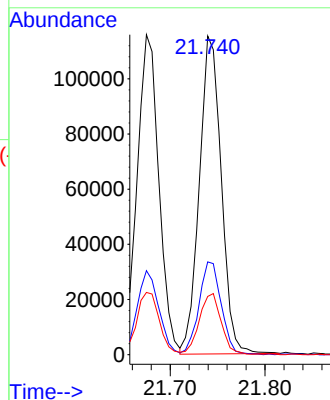
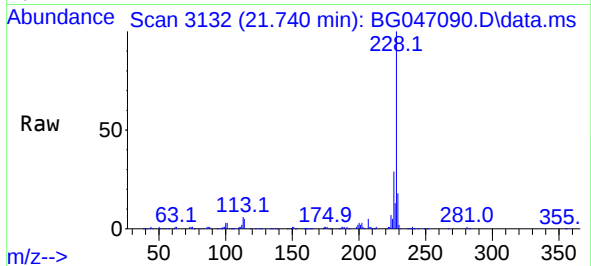
#83
Chrysene
Concen: 8.94 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:228 Resp: 185045
Ion Ratio Lower Upper
228 100
226 29.1 25.0 37.4
229 18.3 17.3 25.9

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

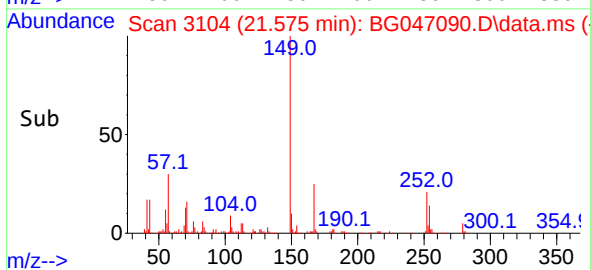
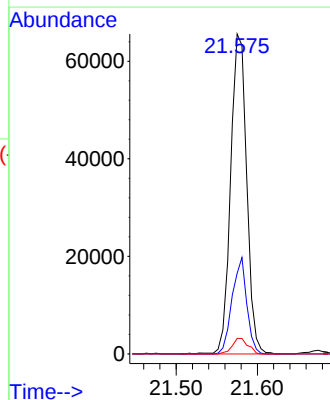
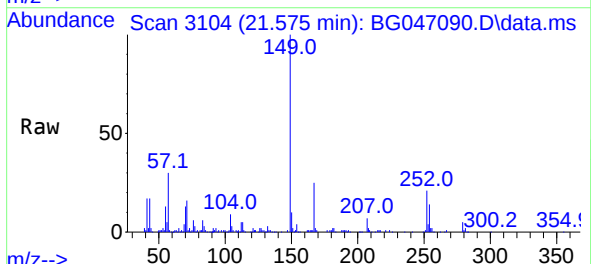
Manual Integrations
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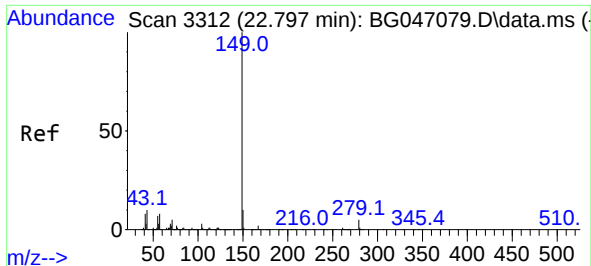
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.86 ng
RT: 21.575 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

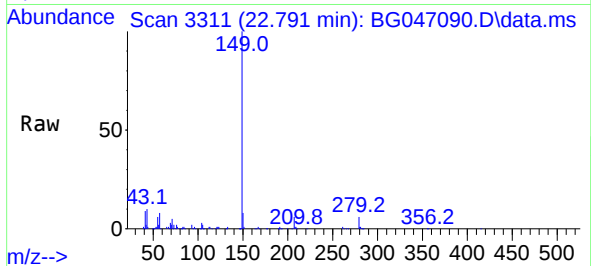
Tgt Ion:149 Resp: 89739
Ion Ratio Lower Upper
149 100
167 25.2 24.8 37.2
279 4.9 4.6 7.0





#85
Di-n-octyl phthalate
Concen: 8.03 ng
RT: 22.791 min Scan# 3311
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

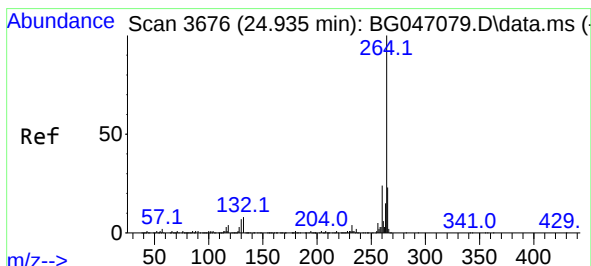
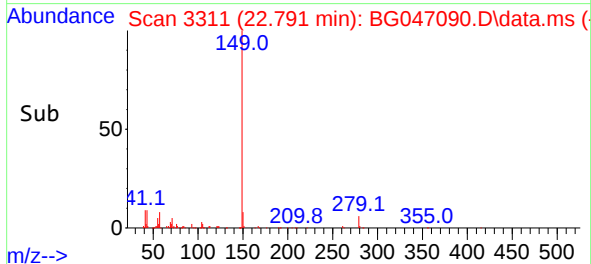
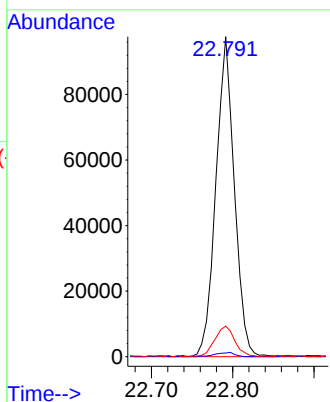
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



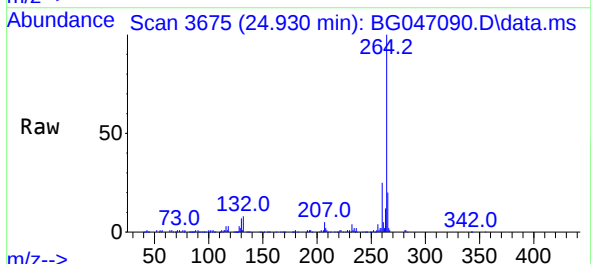
Tgt Ion:149 Resp: 154094
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.2#
43 10.5 6.8 10.2#

Manual Integrations
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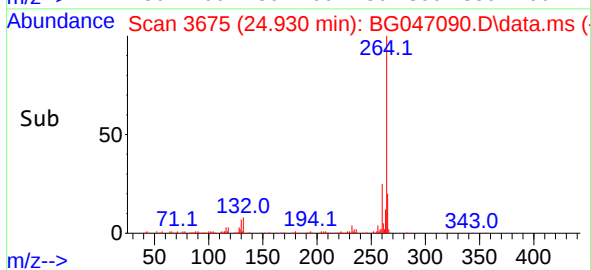
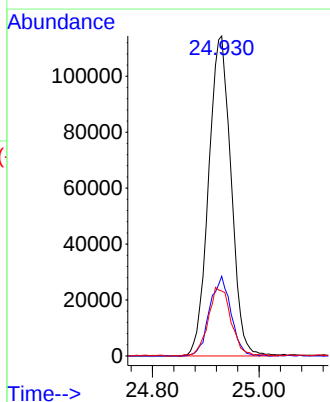
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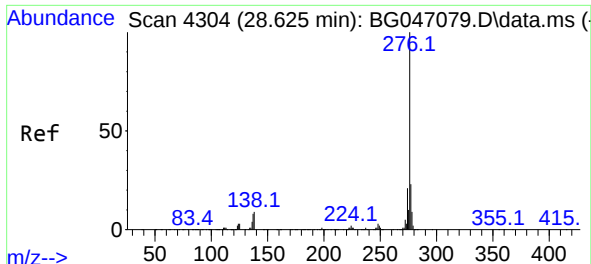


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



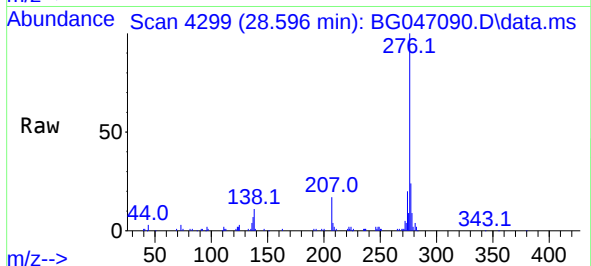
Tgt Ion:264 Resp: 334546
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 20.3 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.10 ng
RT: 28.596 min Scan# 4299
Delta R.T. -0.029 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

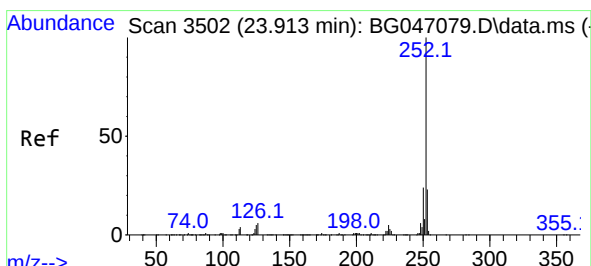
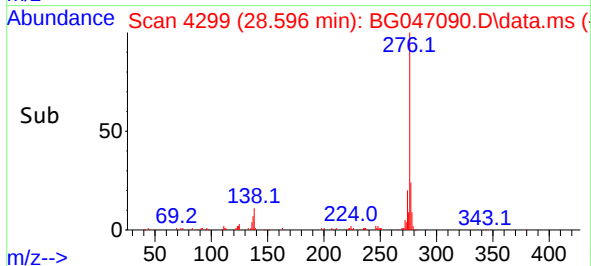
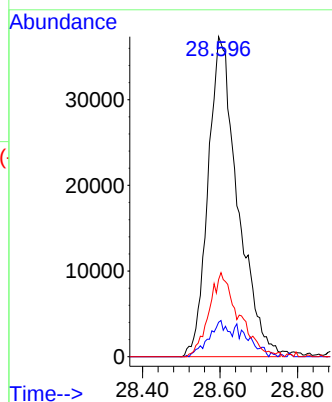
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



Tgt Ion:276 Resp: 197759
Ion Ratio Lower Upper
276 100
138 7.7 16.2 24.2#
277 26.5 20.3 30.5

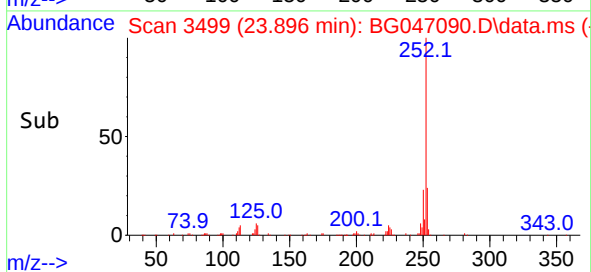
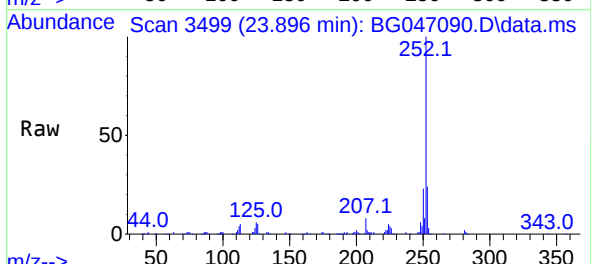
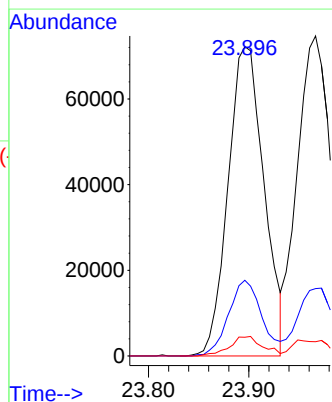
Manual Integrations
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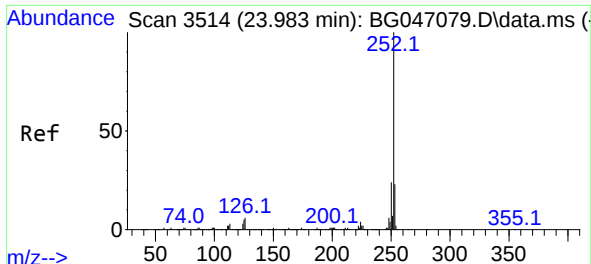
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#88
Benzo(b)fluoranthene
Concen: 8.22 ng
RT: 23.896 min Scan# 3499
Delta R.T. -0.017 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:252 Resp: 179639
Ion Ratio Lower Upper
252 100
253 24.5 18.7 28.1
125 6.1 6.5 9.7#





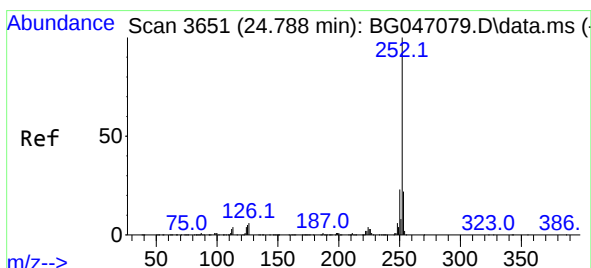
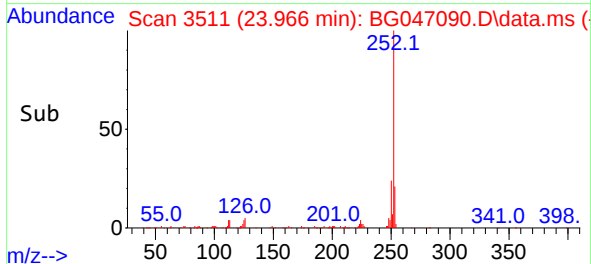
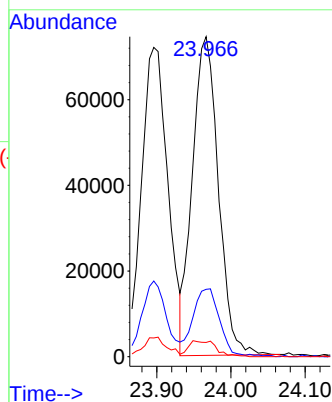
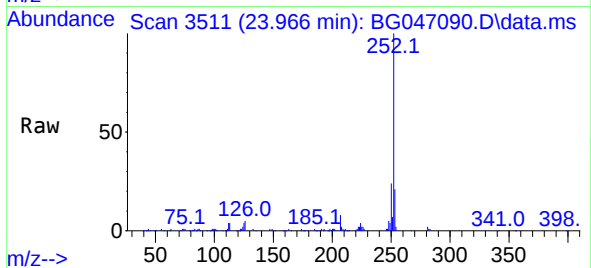
#89
Benzo(k)fluoranthene
Concen: 8.53 ng
RT: 23.966 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

Tgt Ion:252 Resp: 181143
Ion Ratio Lower Upper
252 100
253 21.1 18.6 27.8
125 4.4 6.8 10.2#

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

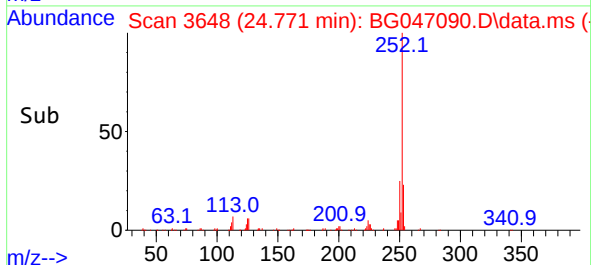
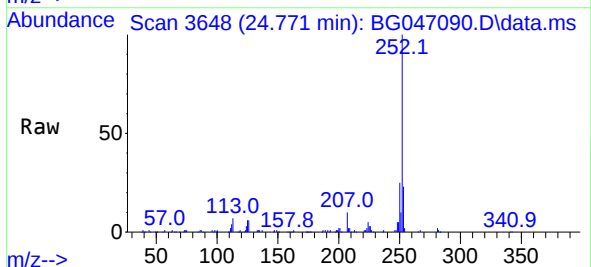
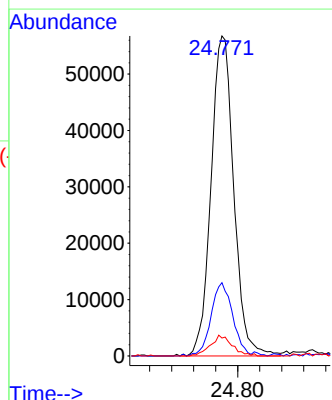
Manual Integrations
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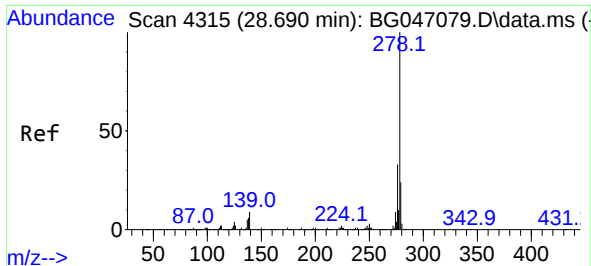
mohammad
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#90
Benzo(a)pyrene
Concen: 7.98 ng
RT: 24.771 min Scan# 3648
Delta R.T. -0.017 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

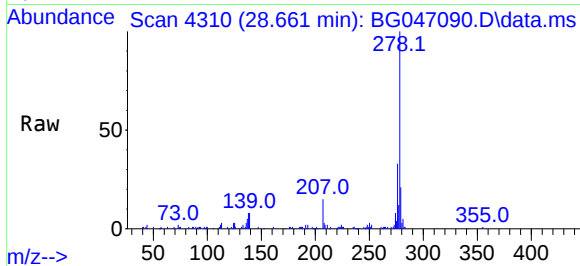
Tgt Ion:252 Resp: 163012
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 5.6 7.0 10.4#





#91
Dibenzo(a,h)anthracene
Concen: 8.11 ng
RT: 28.661 min Scan# 4310
Delta R.T. -0.029 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42

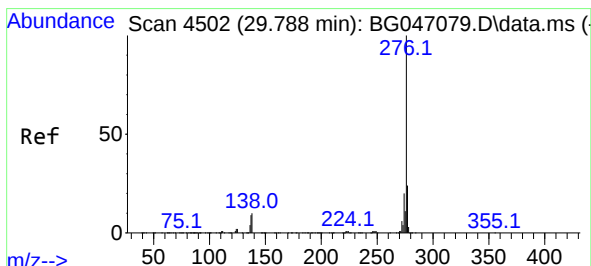
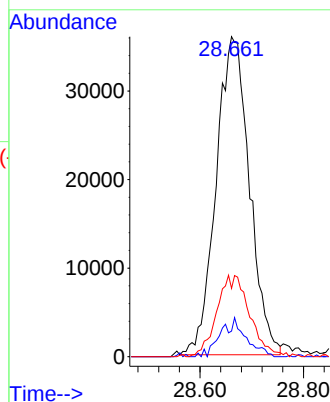
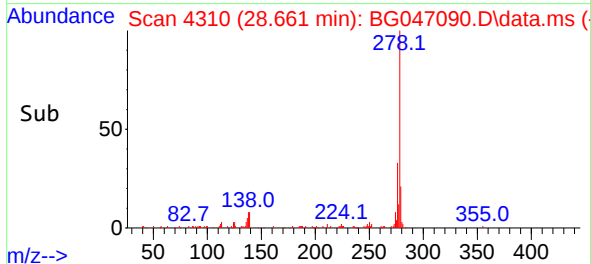
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



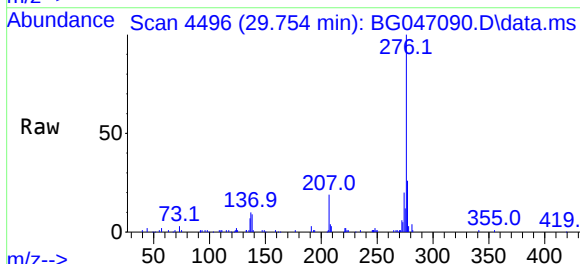
Tgt Ion:278 Resp: 160914
Ion Ratio Lower Upper
278 100
139 8.0 10.5 15.7#
279 21.4 19.4 29.0

Manual Integrations
APPROVED

mohammad
10/28/2020 8:05:51 AM



#92
Benzo(g,h,i)perylene
Concen: 8.52 ng
RT: 29.754 min Scan# 4496
Delta R.T. -0.035 min
Lab File: BG047090.D
Acq: 27 Oct 2020 11:42



Tgt Ion:276 Resp: 167976
Ion Ratio Lower Upper
276 100
277 25.5 19.6 29.4
138 9.4 13.4 20.2#

