

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
 Data File : BG047106.D
 Acq On : 28 Oct 2020 13:25
 Operator : CG/JU
 Sample : L4214-03
 Misc : MDL-MDL-SOIL 4PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 10/29/2020 10:43:48 AM

Quant Time: Oct 28 14:03:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 12:53:38 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	44016	20.00	ng	# 0.00
21) Naphthalene-d8	10.865	136	170738	20.00	ng	# 0.00
39) Acenaphthene-d10	14.684	164	119891	20.00	ng	0.00
64) Phenanthrene-d10	17.427	188	309473	20.00	ng	# 0.00
76) Chrysene-d12	21.699	240	404107	20.00	ng	# 0.00
86) Perylene-d12	24.930	264	399991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	336789	135.64	ng	0.00
7) Phenol-d6	7.210	99	471895	131.42	ng	0.00
23) Nitrobenzene-d5	9.219	82	337796	94.74	ng	0.00
42) 2,4,6-Tribromophenol	16.170	330	255694	133.06	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	831905	98.10	ng	0.00
79) Terphenyl-d14	20.036	244	1881320	90.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.497	88	4730	4.22	ng	# 88
3) Pyridine	3.902	79	10941	3.59	ng	# 86
4) n-Nitrosodimethylamine	3.814	42	5162	3.20	ng	# 77
6) Aniline	7.374	93	17044	4.02	ng	# 88
8) 2-Chlorophenol	7.615	128	9405	3.56	ng	88
9) Benzaldehyde	7.192	77	10448	5.19	ng	93
10) Phenol	7.233	94	12950	3.82	ng	# 69
11) bis(2-Chloroethyl)ether	7.468	93	9909	3.71	ng	95
12) 1,3-Dichlorobenzene	7.944	146	11926	3.55	ng	# 89
13) 1,4-Dichlorobenzene	8.091	146	12326	3.63	ng	98
14) 1,2-Dichlorobenzene	8.414	146	10952m	3.40	ng	
15) Benzyl Alcohol	8.297	79	8656	3.09	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.585	45	14957	3.54	ng	88
17) 2-Methylphenol	8.491	107	8503	3.65	ng	# 83
18) Hexachloroethane	9.137	117	4045	3.18	ng	99
19) n-Nitroso-di-n-propyla...	8.855	70	8045	3.29	ng	# 92
20) 3+4-Methylphenols	8.820	107	10481	3.33	ng	90
22) Acetophenone	8.879	105	16032	3.49	ng	# 87
24) Nitrobenzene	9.261	77	12407	3.35	ng	# 85
25) Isophorone	9.783	82	22149	3.47	ng	# 88
26) 2-Nitrophenol	9.977	139	5348	3.33	ng	# 77
27) 2,4-Dimethylphenol	10.024	122	8544	3.89	ng	91
28) bis(2-Chloroethoxy)met...	10.265	93	12838	3.26	ng	# 96
29) 2,4-Dichlorophenol	10.512	162	9976	3.30	ng	84
30) 1,2,4-Trichlorobenzene	10.723	180	12156	3.27	ng	# 92
31) Naphthalene	10.917	128	32756	3.67	ng	98
33) 4-Chloroaniline	11.023	127	11156	2.87	ng	# 87
34) Hexachlorobutadiene	11.205	225	9609	3.44	ng	93
35) Caprolactam	11.769	113	3598	3.58	ng	# 76
36) 4-Chloro-3-methylphenol	12.139	107	10039	3.20	ng	# 81
37) 2-Methylnaphthalene	12.521	142	24768m	3.57	ng	
38) 1-Methylnaphthalene	12.739	142	22555m	3.43	ng	
40) 1,2,4,5-Tetrachloroben...	12.886	216	16731	3.82	ng	98
41) Hexachlorocyclopentadiene	12.862	237	7285	3.04	ng	89
43) 2,4,6-Trichlorophenol	13.121	196	8778	3.08	ng	98
44) 2,4,5-Trichlorophenol	13.191	196	9479	3.27	ng	# 87

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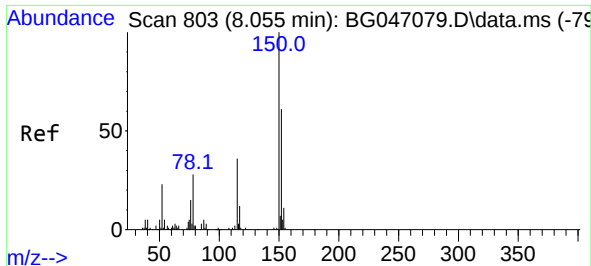
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 12:53:38 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.520	154	33636	3.71	ng	91
47) 2-Chloronaphthalene	13.567	162	26112	3.49	ng	99
48) 2-Nitroaniline	13.761	65	6616	2.72	ng #	72
49) Acenaphthylene	14.407	152	37574	3.46	ng	93
50) Dimethylphthalate	14.131	163	32542	3.30	ng #	99
51) 2,6-Dinitrotoluene	14.249	165	6843	3.32	ng #	71
52) Acenaphthene	14.748	154	24203	3.42	ng	95
53) 3-Nitroaniline	14.584	138	6392	3.12	ng #	89
55) Dibenzofuran	15.083	168	42698	3.76	ng	93
56) 4-Nitrophenol	14.889	139	3686	2.30	ng	87
57) 2,4-Dinitrotoluene	15.036	165	9566	3.23	ng #	82
58) Fluorene	15.729	166	33259	3.63	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.306	232	9859	3.20	ng	99
60) Diethylphthalate	15.488	149	34856	3.54	ng	94
61) 4-Chlorophenyl-phenyle...	15.724	204	19421	3.55	ng #	94
62) 4-Nitroaniline	15.747	138	6183	2.81	ng #	77
63) Azobenzene	16.017	77	33099	3.78	ng	89
65) 4,6-Dinitro-2-methylph...	15.812	198	5300	2.78	ng	87
66) n-Nitrosodiphenylamine	15.935	169	30739	3.46	ng	96
67) 4-Bromophenyl-phenylether	16.617	248	12931	3.18	ng #	87
68) Hexachlorobenzene	16.734	284	14369	3.35	ng	98
69) Atrazine	16.875	200	11984	3.28	ng	95
70) Pentachlorophenol	17.087	266	5909	2.36	ng	96
71) Phenanthrene	17.474	178	59079m	3.57	ng	
72) Anthracene	17.563	178	58064	3.58	ng	96
73) Carbazole	17.833	167	50323	3.49	ng	97
74) Di-n-butylphthalate	18.385	149	68523	3.85	ng #	95
75) Fluoranthene	19.478	202	84534	3.98	ng	94
77) Benzidine	19.654	184	31532	3.41	ng	97
78) Pyrene	19.842	202	85974	3.34	ng	96
80) Butylbenzylphthalate	20.718	149	29199	2.96	ng	89
81) Benzo(a)anthracene	21.675	228	95078	3.59	ng	98
82) 3,3'-Dichlorobenzidine	21.593	252	32564	3.39	ng #	99
83) Chrysene	21.740	228	90378	3.59	ng	96
84) Bis(2-ethylhexyl)phtha...	21.575	149	45147	3.24	ng	99
85) Di-n-octyl phthalate	22.792	149	75627	3.23	ng	97
87) Indeno(1,2,3-cd)pyrene	28.608	276	100274	3.43	ng #	78
88) Benzo(b)fluoranthene	23.896	252	88821	3.40	ng	98
89) Benzo(k)fluoranthene	23.967	252	89115	3.51	ng #	96
90) Benzo(a)pyrene	24.778	252	80371	3.29	ng #	94
91) Dibenzo(a,h)anthracene	28.667	278	81483	3.44	ng #	93
92) Benzo(g,h,i)perylene	29.760	276	80482	3.41	ng #	85

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



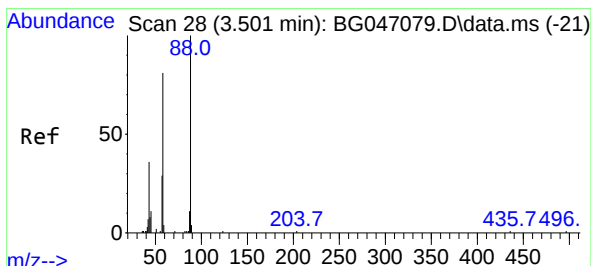
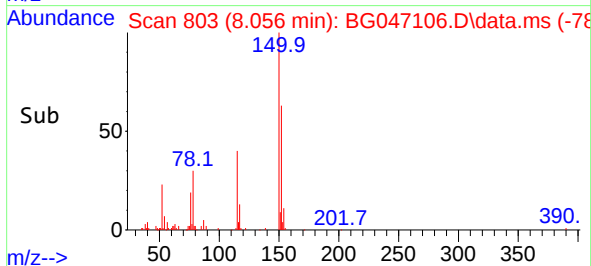
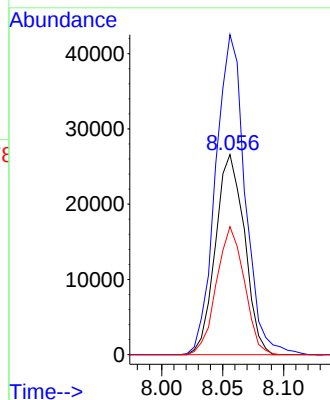
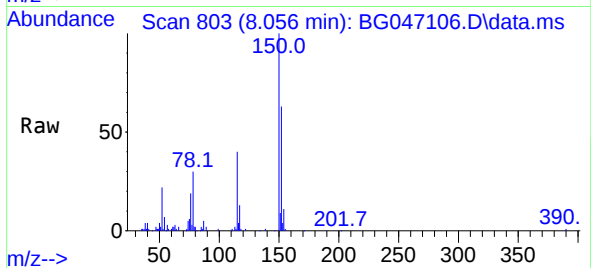
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:152 Resp: 44016
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.6
115 63.9 41.8 62.6#

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

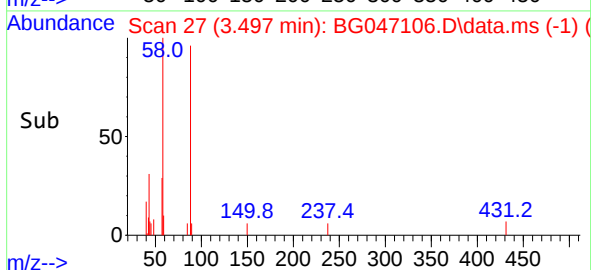
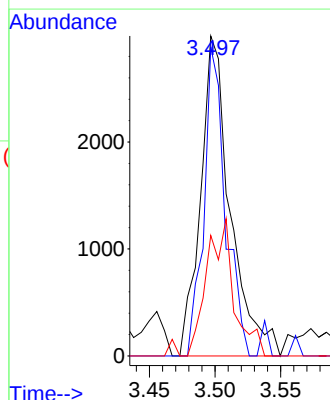
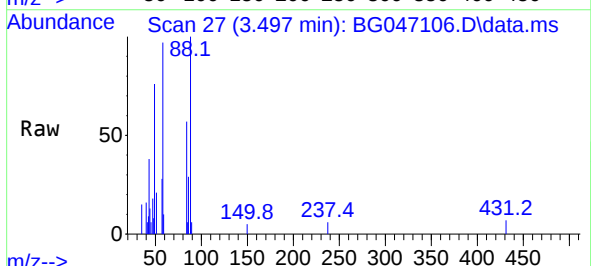
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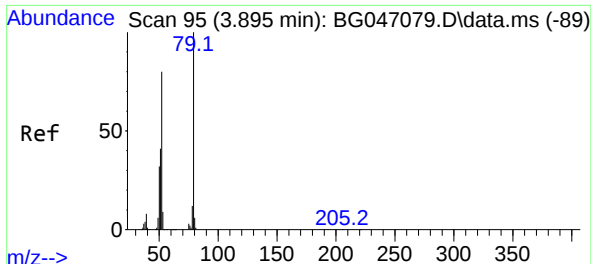
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#2
1,4-Dioxane
Concen: 4.22 ng
RT: 3.497 min Scan# 27
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 88 Resp: 4730
Ion Ratio Lower Upper
88 100
58 70.1 61.6 92.4
43 38.9 21.3 31.9#





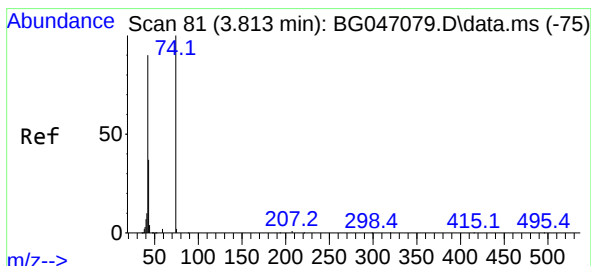
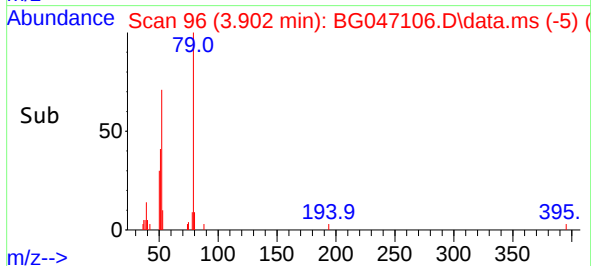
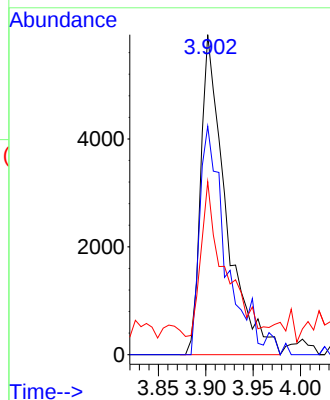
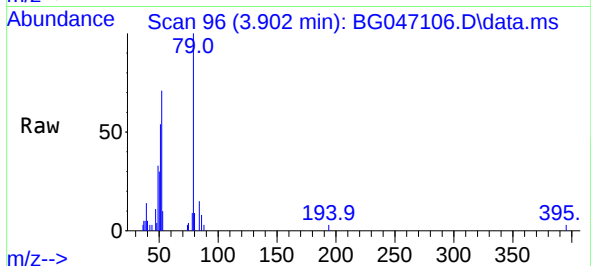
#3
Pyridine
Concen: 3.59 ng
RT: 3.902 min Scan# 96
Delta R.T. 0.007 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 79 Resp: 10941
Ion Ratio Lower Upper
79 100
52 71.4 61.3 91.9
51 54.1 28.4 42.6#

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

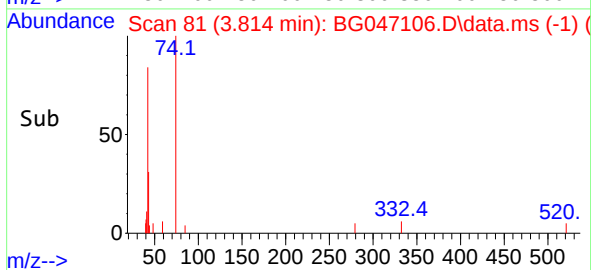
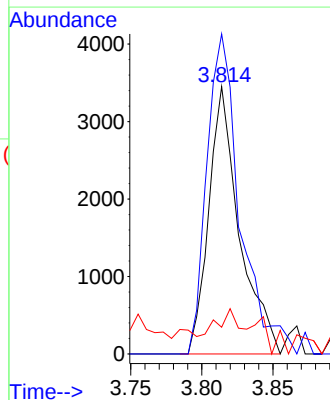
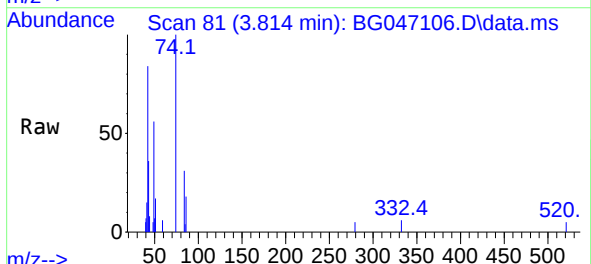
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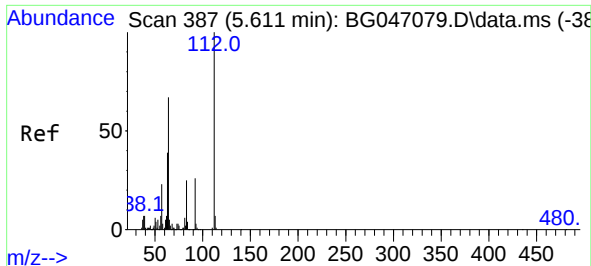
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#4
n-Nitrosodimethylamine
Concen: 3.20 ng
RT: 3.814 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

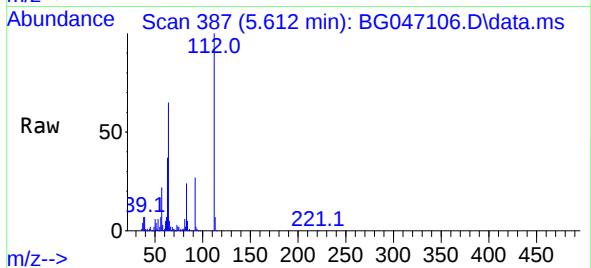
Tgt Ion: 42 Resp: 5162
Ion Ratio Lower Upper
42 100
74 119.7 120.4 180.6#
44 10.0 6.2 9.2#





#5
2-Fluorophenol
Concen: 135.64 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

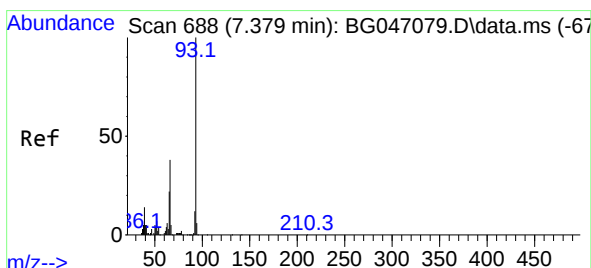
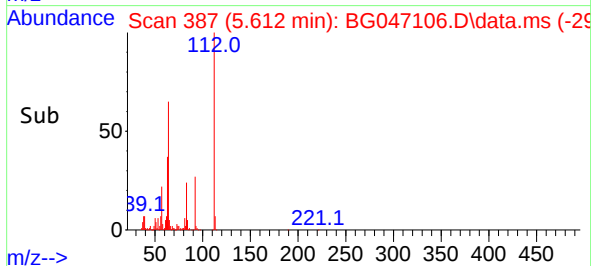
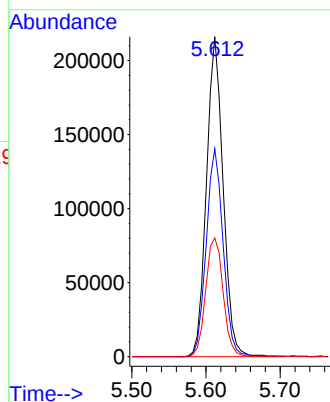
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



Tgt Ion:112 Resp: 336789
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 37.2 22.8 34.2#

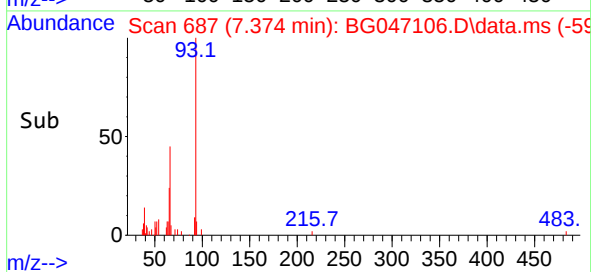
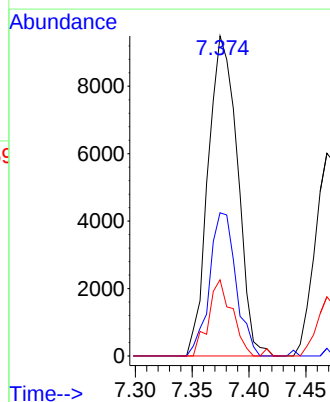
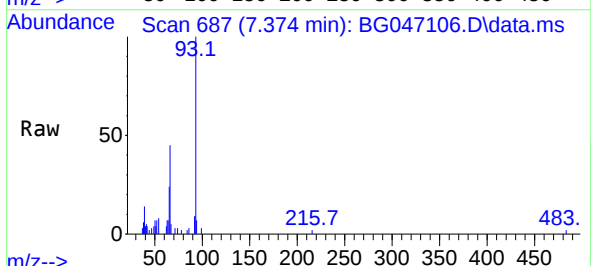
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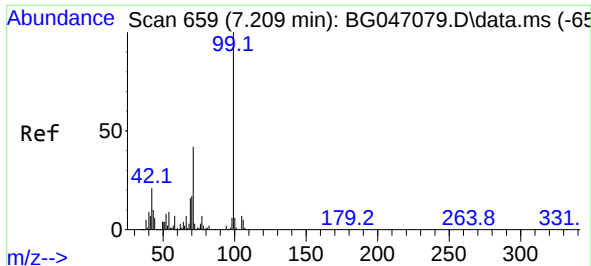
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#6
Aniline
Concen: 4.02 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 93 Resp: 17044
Ion Ratio Lower Upper
93 100
66 44.8 29.5 44.3#
65 23.8 15.5 23.3#





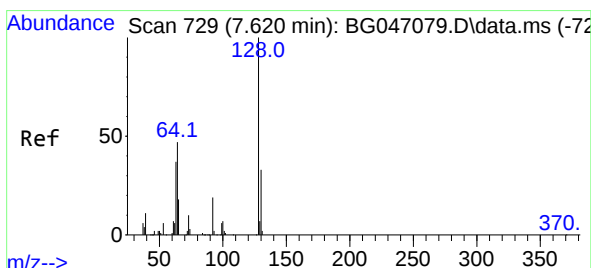
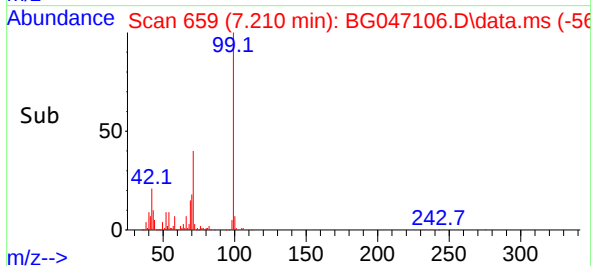
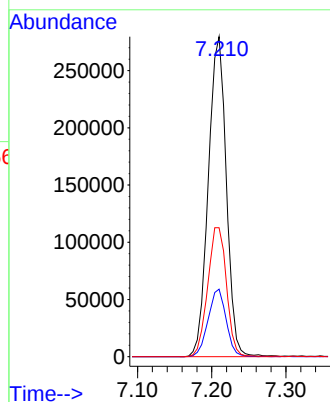
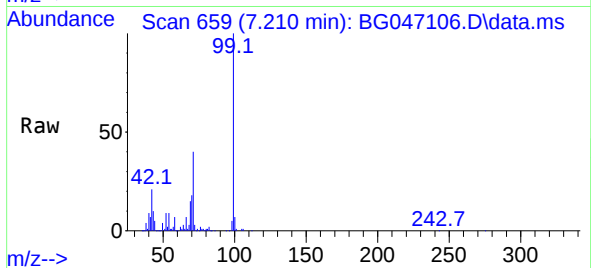
#7
Phenol-d6
Concen: 131.42 ng
RT: 7.210 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 99 Resp: 471895
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 40.3 24.6 36.8#

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ClientSampleId :
MDL-SOIL-03-QT4-2020

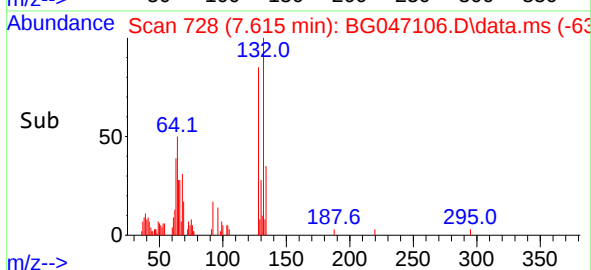
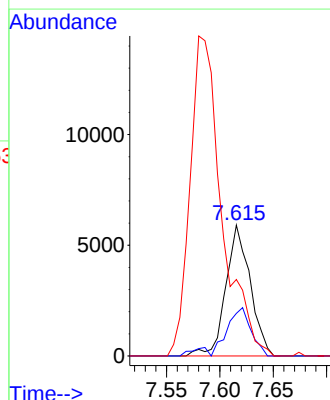
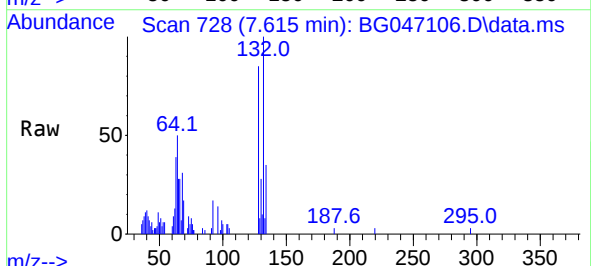
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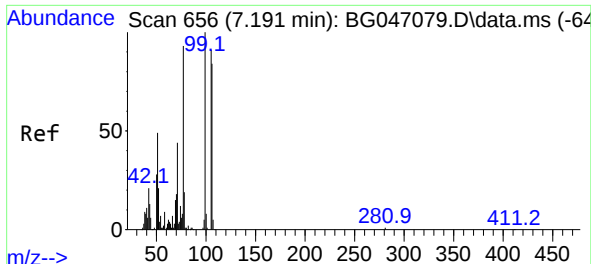
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#8
2-Chlorophenol
Concen: 3.56 ng
RT: 7.615 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 128 Resp: 9405
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 58.4 24.8 64.8





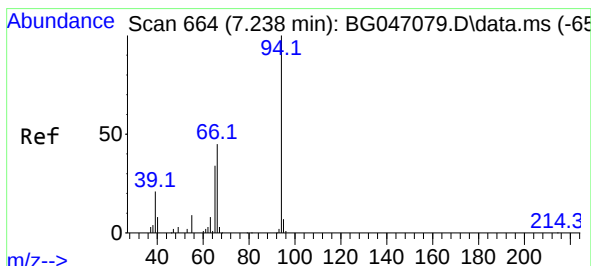
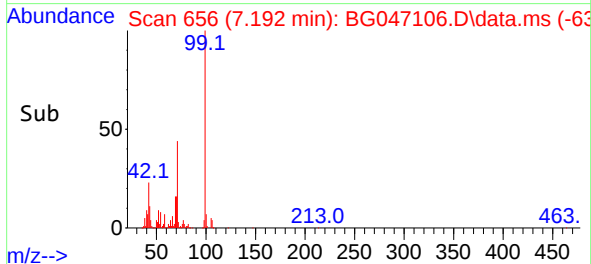
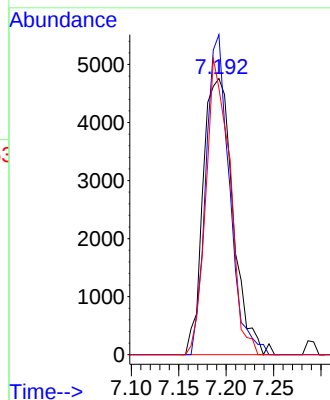
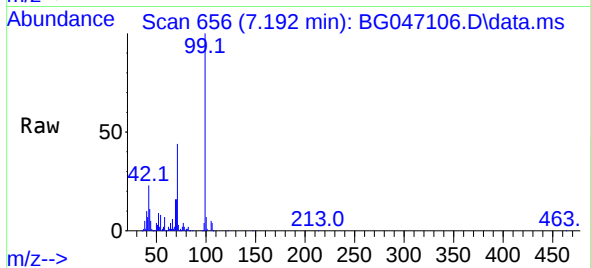
#9
Benzaldehyde
Concen: 5.19 ng
RT: 7.192 min Scan# 656
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 77 Resp: 10448
Ion Ratio Lower Upper
77 100
105 115.9 85.9 125.9
106 96.5 80.9 120.9

Instrument :
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MDL-SOIL-03-QT4-2020

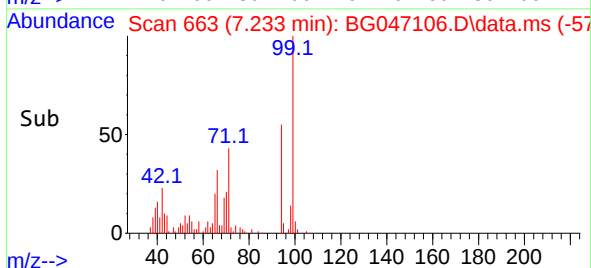
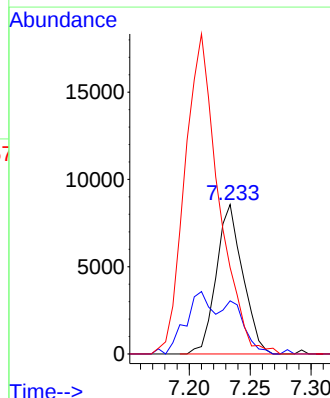
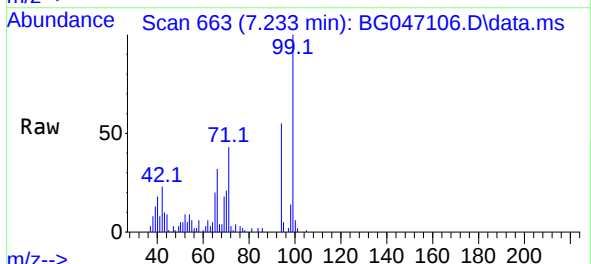
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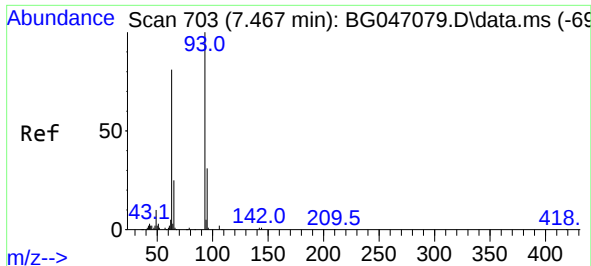
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10/29/2020 10:43:48 AM



#10
Phenol
Concen: 3.82 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

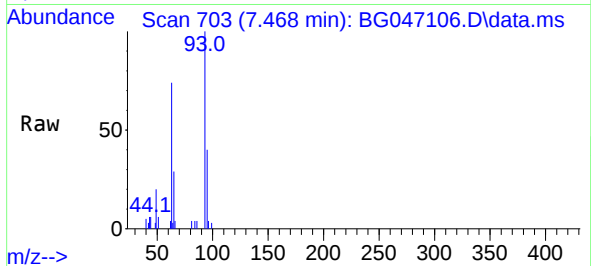
Tgt Ion: 94 Resp: 12950
Ion Ratio Lower Upper
94 100
65 35.5 6.6 46.6
66 57.8 13.9 53.9#





#11
bis(2-Chloroethyl)ether
Concen: 3.71 ng
RT: 7.468 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

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

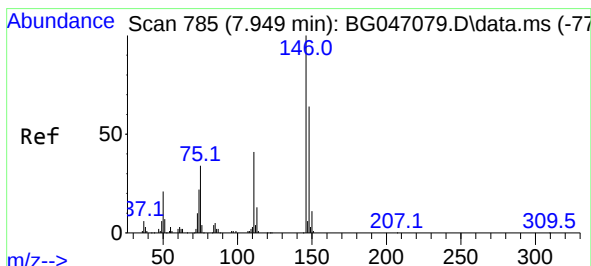
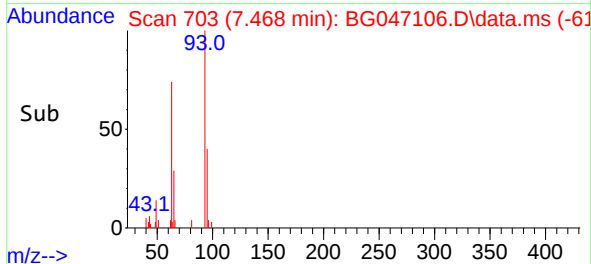
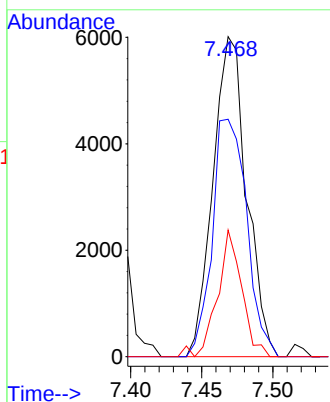


Tgt Ion: 93 Resp: 9909

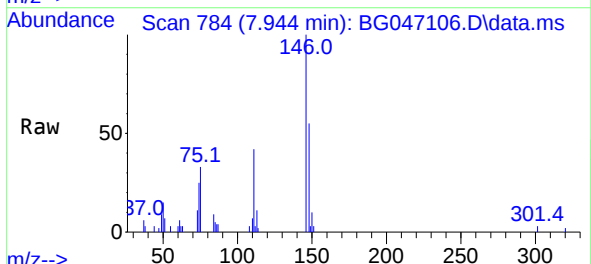
Ion	Ratio	Lower	Upper
93	100		
63	74.2	56.4	96.4
95	39.6	13.8	53.8

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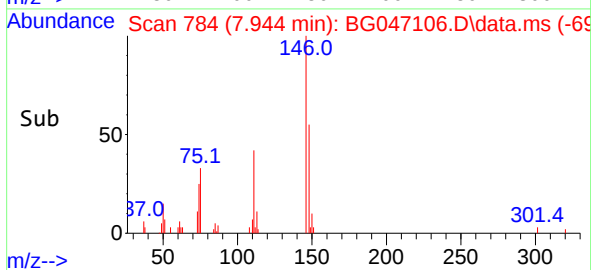
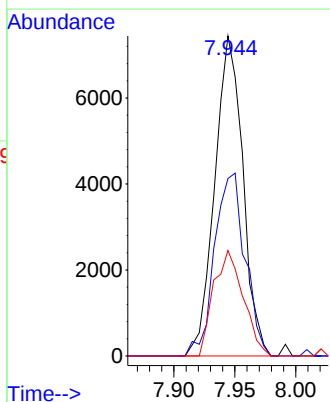


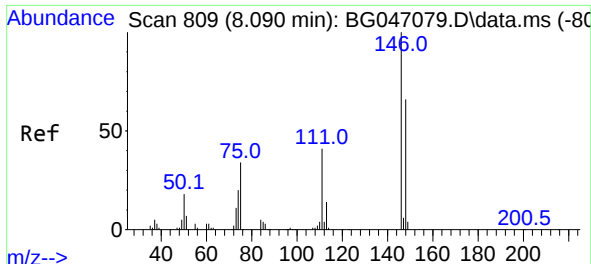
#12
1,3-Dichlorobenzene
Concen: 3.55 ng
RT: 7.944 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion: 146 Resp: 11926

Ion	Ratio	Lower	Upper
146	100		
148	55.5	50.1	75.1
75	33.0	20.1	30.1





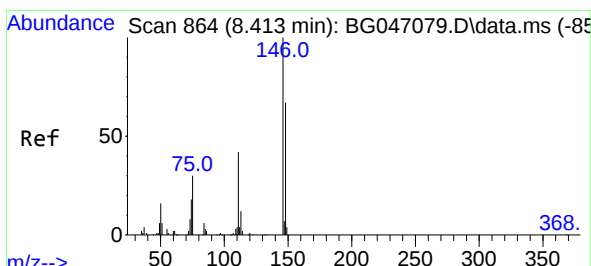
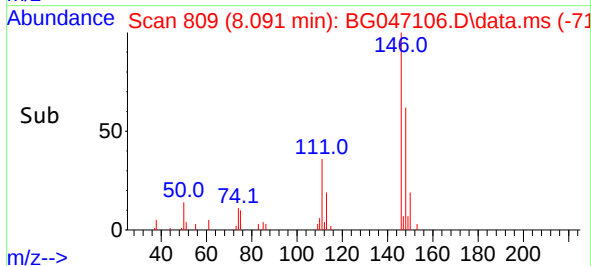
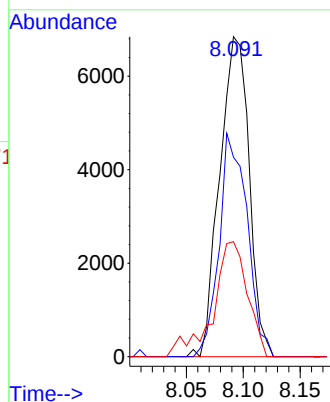
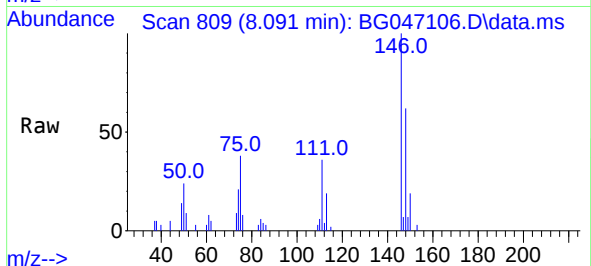
#13
1,4-Dichlorobenzene
Concen: 3.63 ng
RT: 8.091 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	146	Resp:	12326
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.1	76.7
111	36.0	29.7	44.5

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

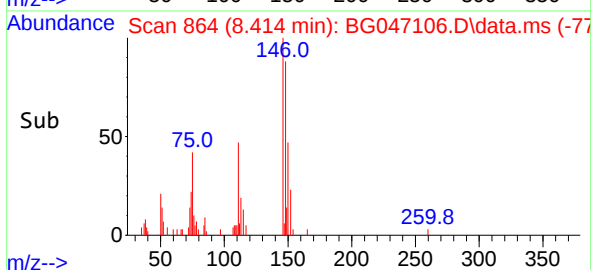
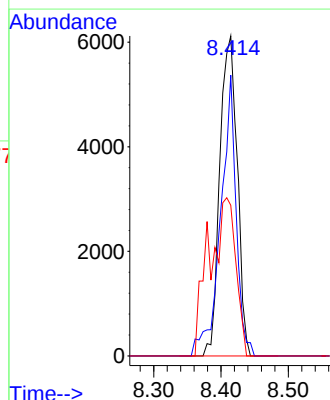
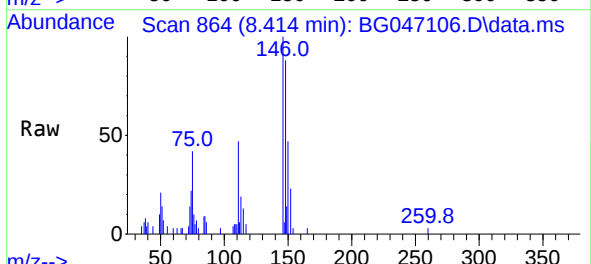
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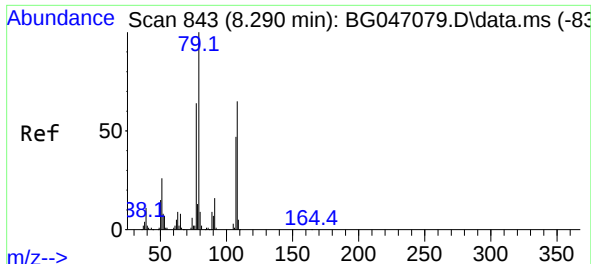
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#14
1,2-Dichlorobenzene
Concen: 3.40 ng m
RT: 8.414 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	146	Resp:	10952
Ion Ratio	Lower	Upper	
146	100		
148	87.8	53.0	79.6#
111	47.1	30.7	46.1#





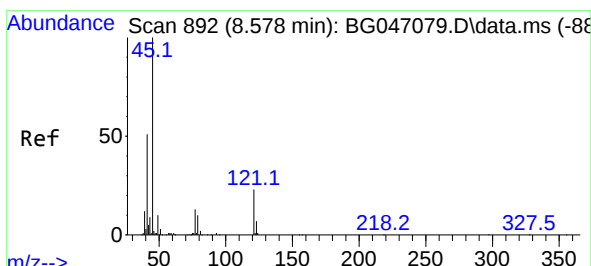
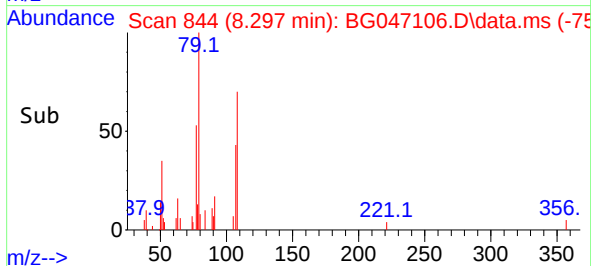
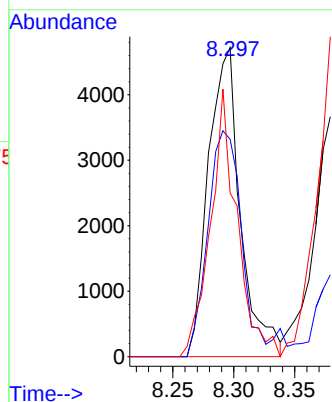
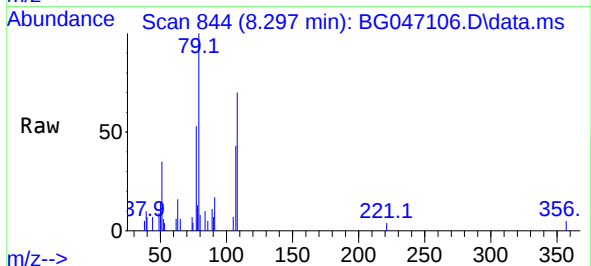
#15
Benzyl Alcohol
Concen: 3.09 ng
RT: 8.297 min Scan# 844
Delta R.T. 0.007 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 79 Resp: 8656
Ion Ratio Lower Upper
79 100
108 70.3 65.5 98.3
77 53.0 50.1 75.1

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

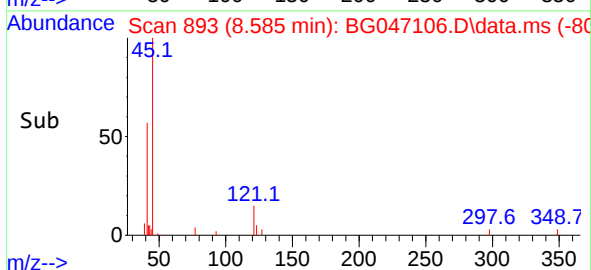
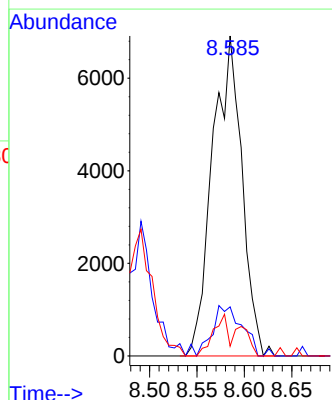
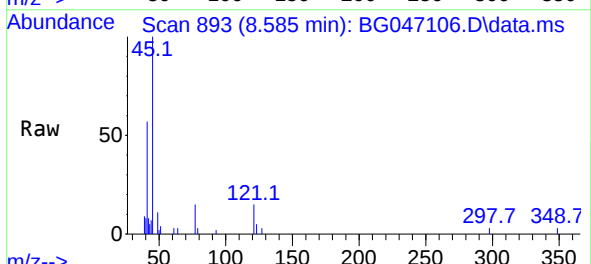
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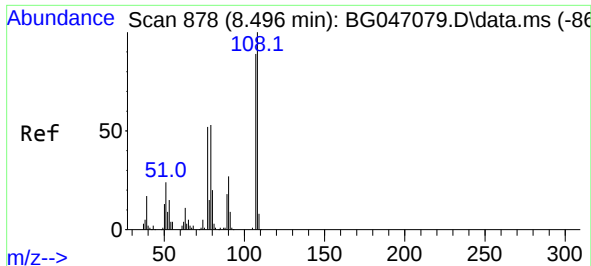
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.54 ng
RT: 8.585 min Scan# 893
Delta R.T. 0.007 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 45 Resp: 14957
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.4
79 3.1 0.0 30.8





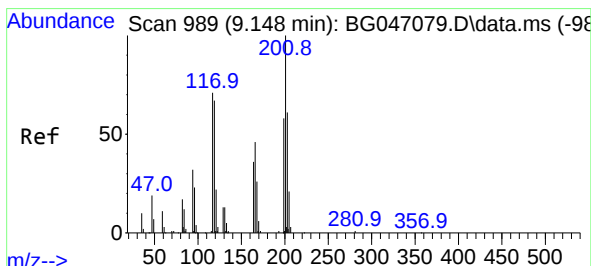
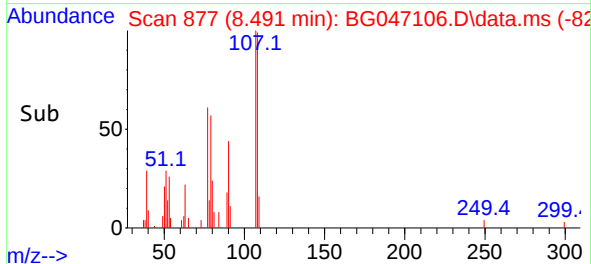
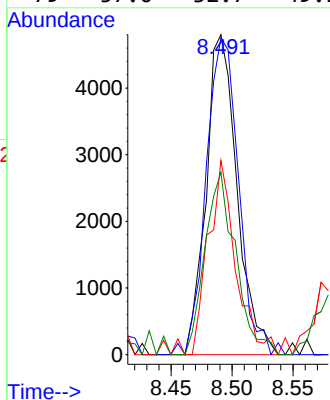
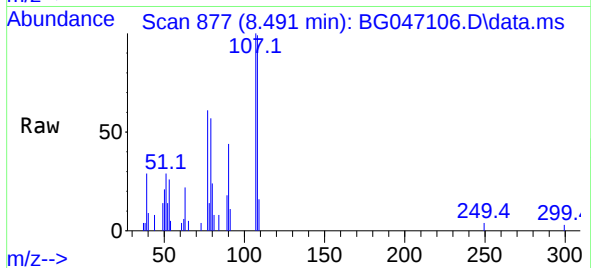
#17
2-Methylphenol
Concen: 3.65 ng
RT: 8.491 min Scan# 877
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	107	Resp:	8503
Ion Ratio	Lower	Upper	
107	100		
108	99.0	87.2	130.8
77	60.7	33.8	50.8#
79	57.0	32.7	49.1#

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

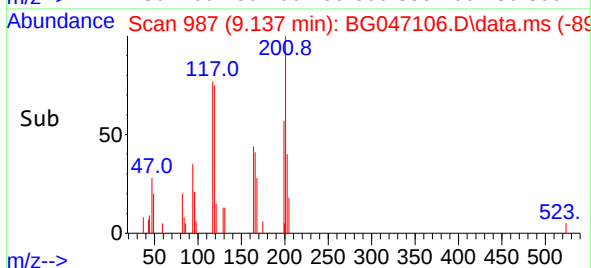
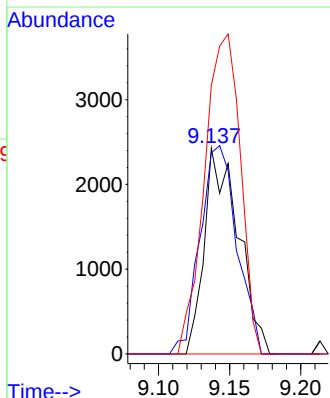
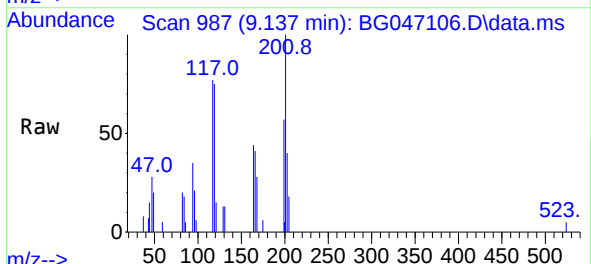
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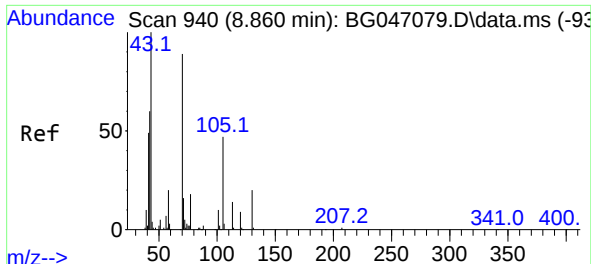
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#18
Hexachloroethane
Concen: 3.18 ng
RT: 9.137 min Scan# 987
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	117	Resp:	4045
Ion Ratio	Lower	Upper	
117	100		
119	97.8	77.5	116.3
201	130.5	104.9	157.3





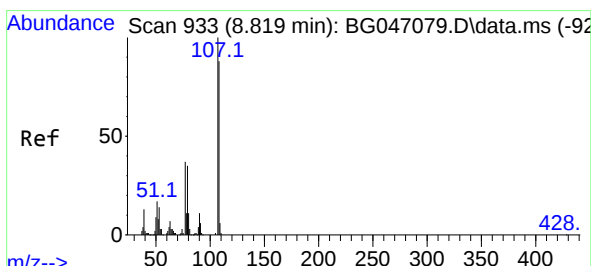
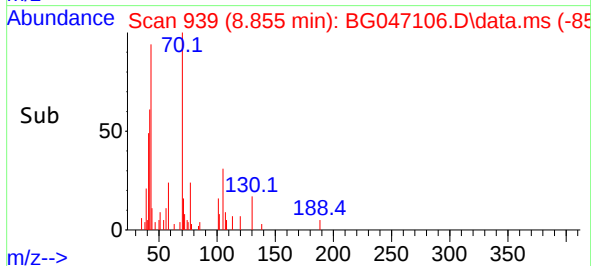
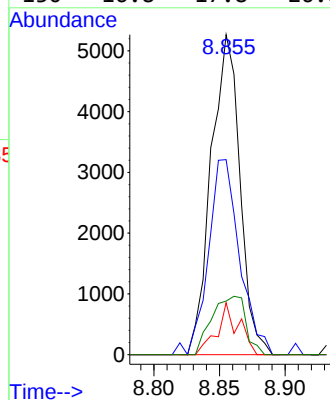
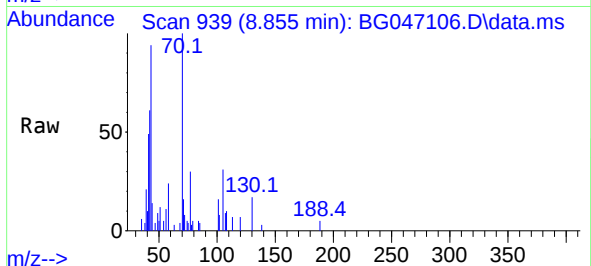
#19
n-Nitroso-di-n-propylamine
Concen: 3.29 ng
RT: 8.855 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	70	Resp:	8045
Ion	Ratio	Lower	Upper
70	100		
42	60.9	45.6	68.4
101	16.3	8.4	12.6
130	16.8	17.8	26.8

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

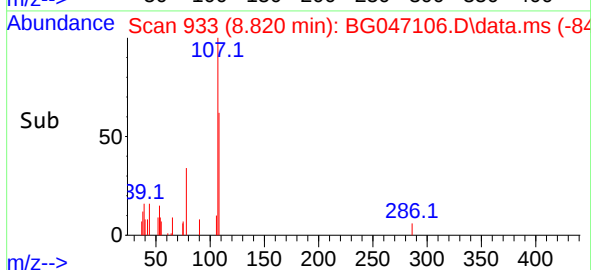
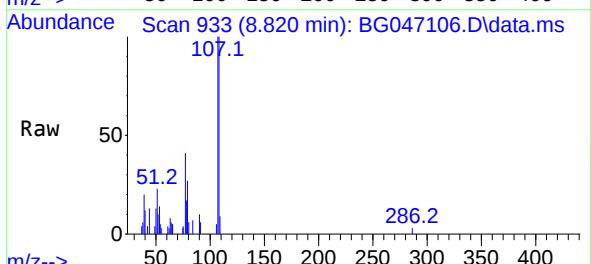
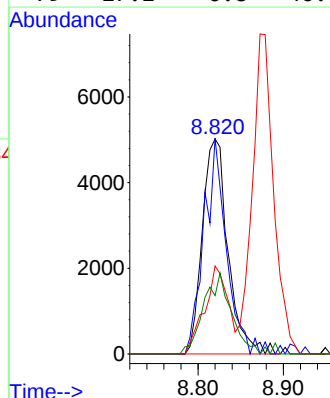
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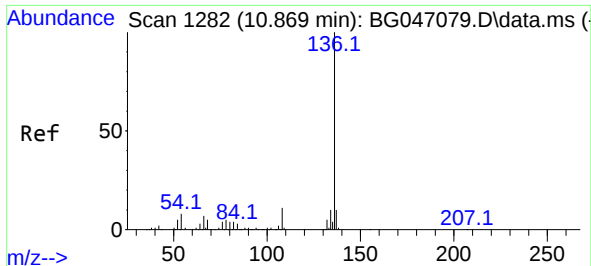
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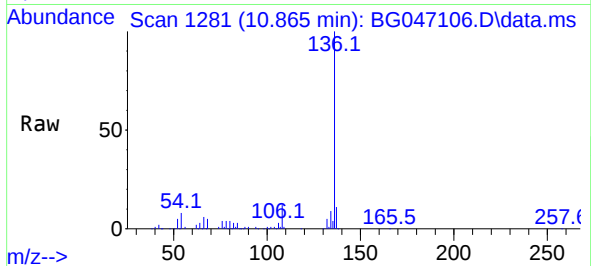
#20
3+4-Methylphenols
Concen: 3.33 ng
RT: 8.820 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	107	Resp:	10481
Ion	Ratio	Lower	Upper
107	100		
108	100.3	70.6	110.6
77	40.9	10.2	50.2
79	27.2	6.8	46.8

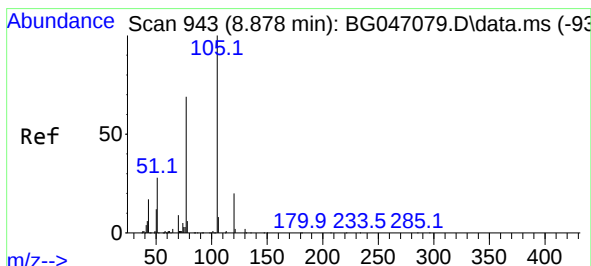
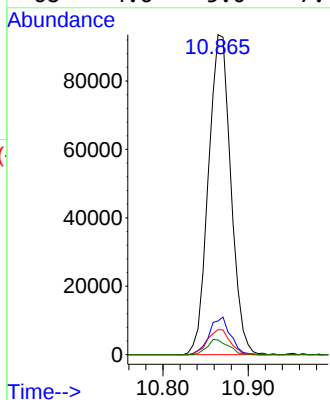
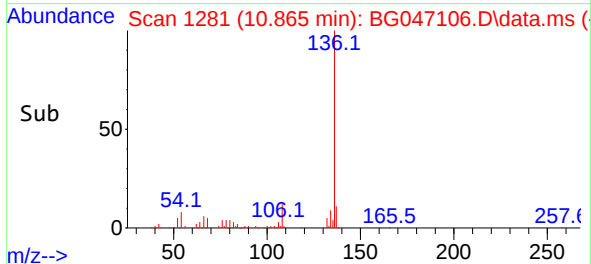




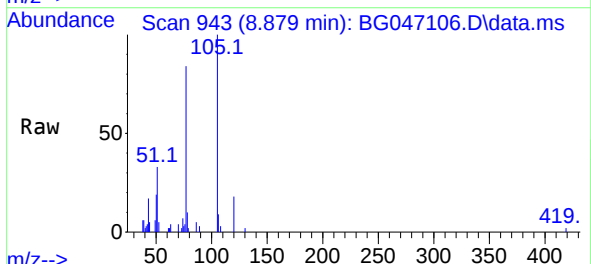
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.865 min Scan# 1281
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



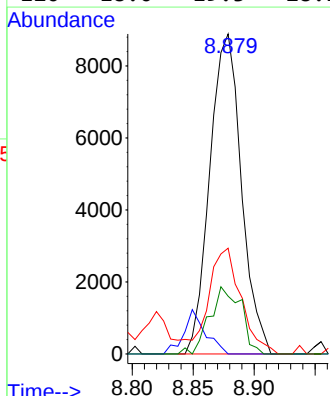
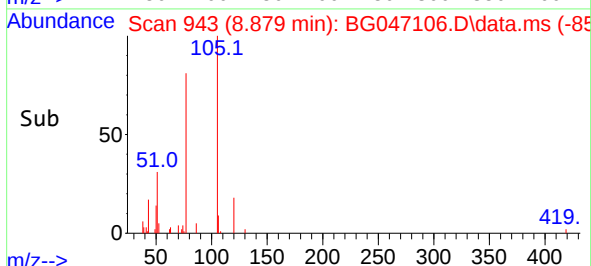
Tgt Ion:	136	Resp:	170738
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.8	6.2	9.4
68	4.6	5.0	7.4#



#22
Acetophenone
Concen: 3.49 ng
RT: 8.879 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



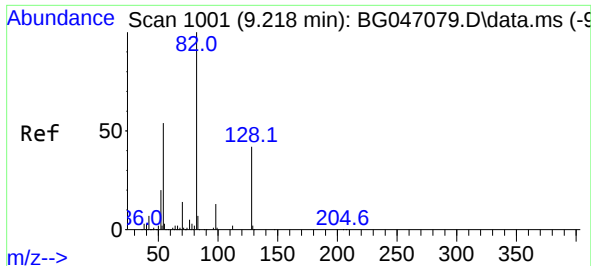
Tgt Ion:	105	Resp:	16032
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.7	4.1#
51	33.0	21.0	31.6#
120	18.0	19.3	28.9#



Instrument :
BNA_G
ClientSampleId :
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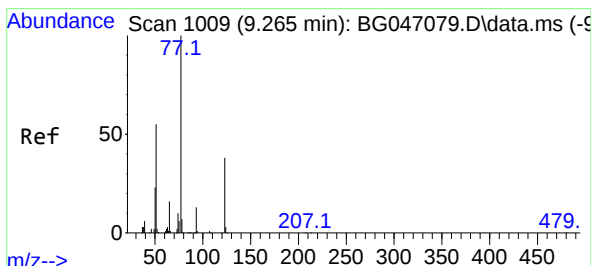
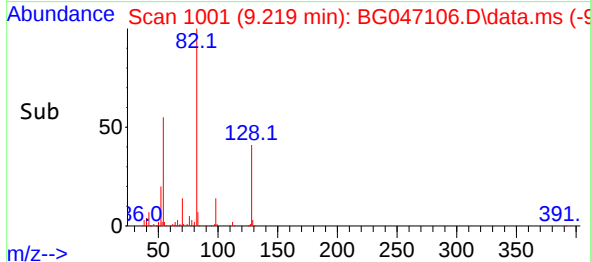
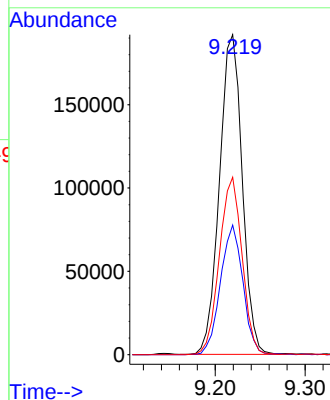
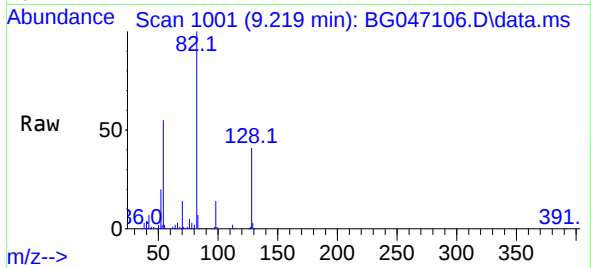
#23
Nitrobenzene-d5
Concen: 94.74 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 82 Resp: 337796
Ion Ratio Lower Upper
82 100
128 40.5 37.0 55.6
54 55.5 39.0 58.4

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

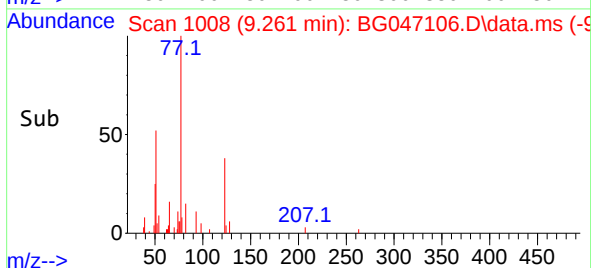
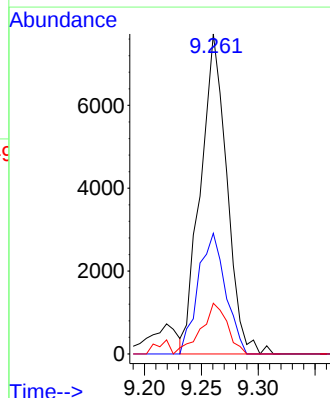
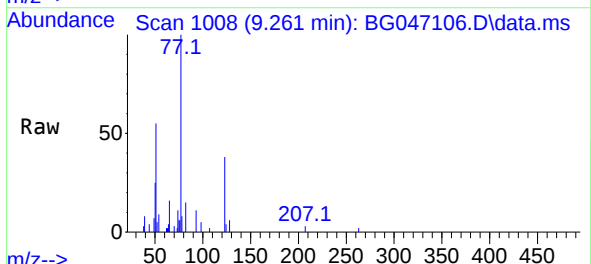
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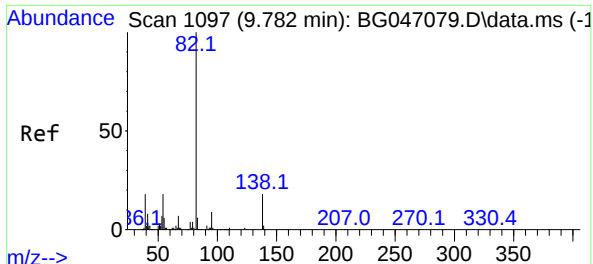
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#24
Nitrobenzene
Concen: 3.35 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 77 Resp: 12407
Ion Ratio Lower Upper
77 100
123 37.7 39.7 59.5#
65 15.9 10.4 15.6#





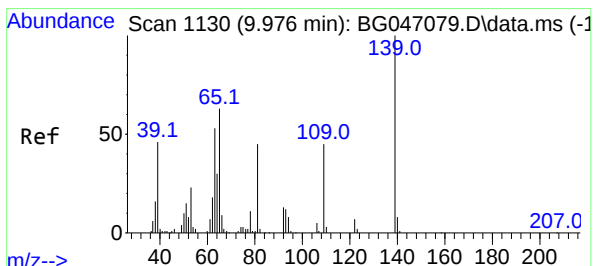
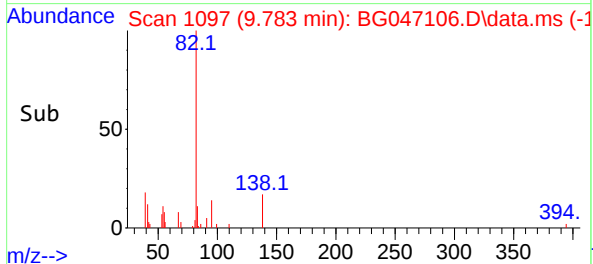
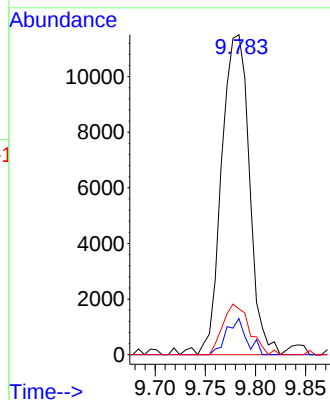
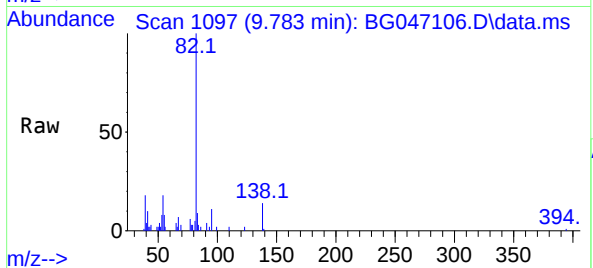
#25
Isophorone
Concen: 3.47 ng
RT: 9.783 min Scan# 1097
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 82 Resp: 22149
Ion Ratio Lower Upper
82 100
95 11.3 5.6 8.4#
138 14.3 15.8 23.6#

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

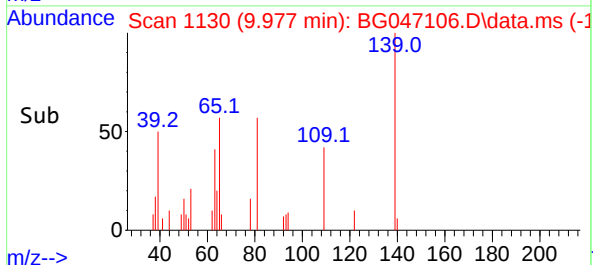
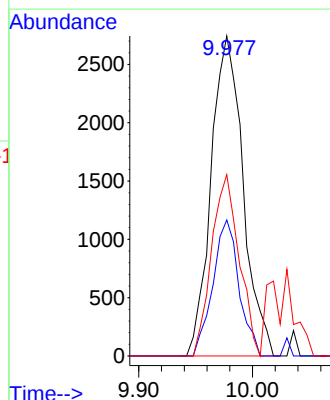
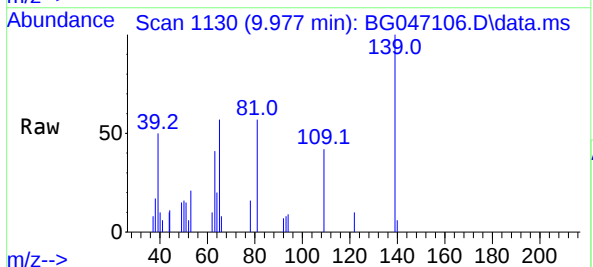
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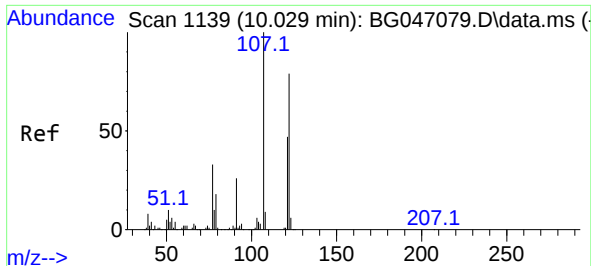
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#26
2-Nitrophenol
Concen: 3.33 ng
RT: 9.977 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 139 Resp: 5348
Ion Ratio Lower Upper
139 100
109 42.5 20.7 31.1#
65 56.7 36.1 54.1#





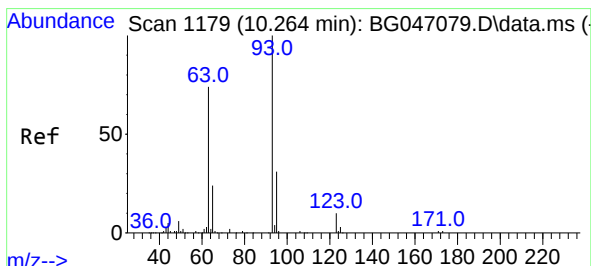
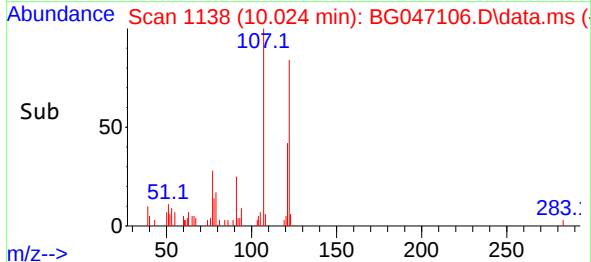
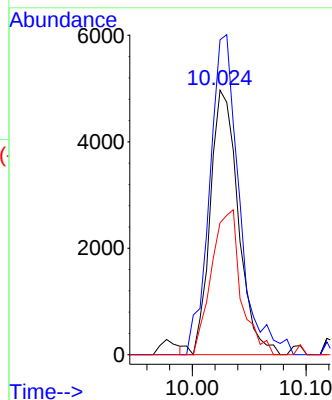
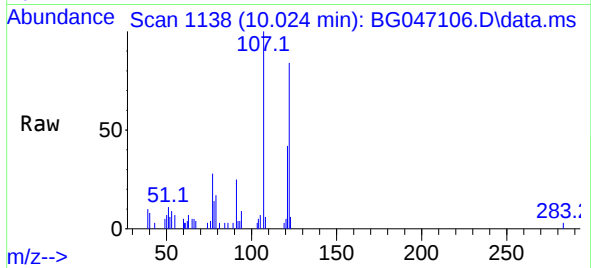
#27
2,4-Dimethylphenol
Concen: 3.89 ng
RT: 10.024 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	122	Resp:	8544
Ion	Ratio	Lower	Upper
122	100		
107	119.0	89.2	133.8
121	49.8	46.9	70.3

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

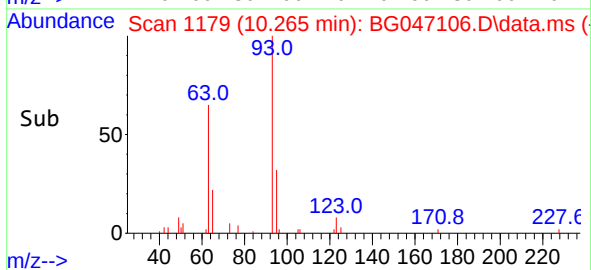
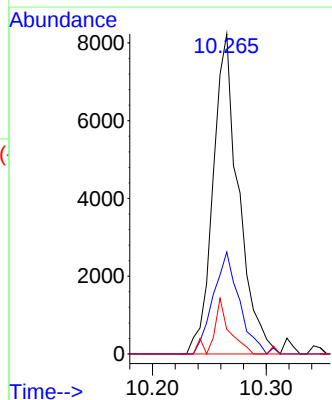
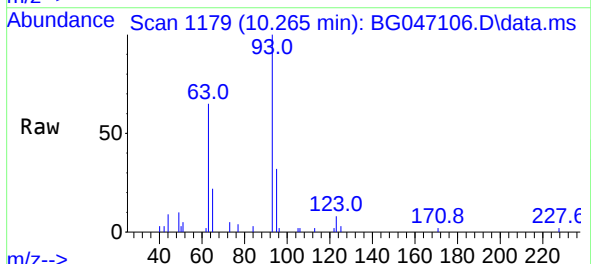
Manual Integrations
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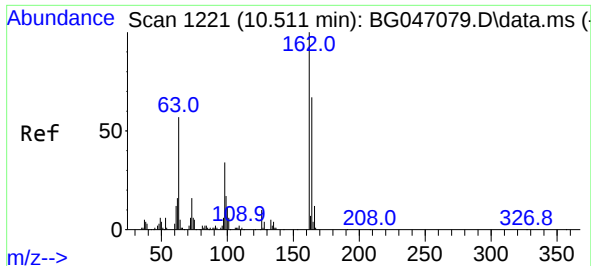
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#28
bis(2-Chloroethoxy)methane
Concen: 3.26 ng
RT: 10.265 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	93	Resp:	12838
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	7.7	9.4	14.0#





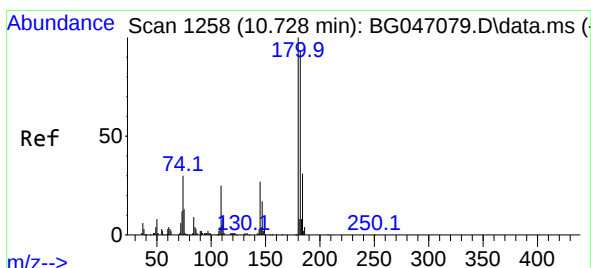
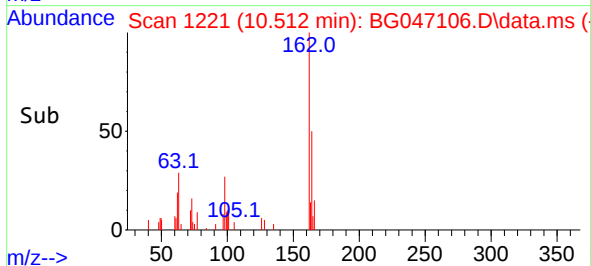
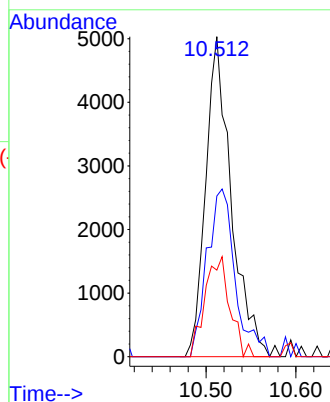
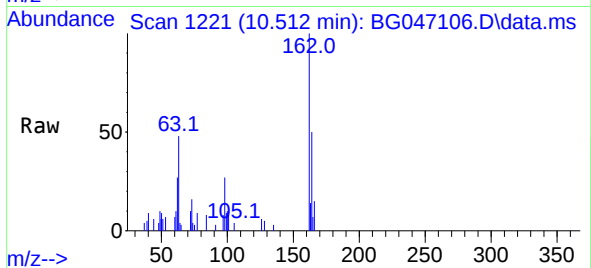
#29
2,4-Dichlorophenol
Concen: 3.30 ng
RT: 10.512 min Scan# 1221
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	162	Resp:	9976
Ion Ratio	Lower	Upper	
162	100		
164	50.2	45.6	85.6
98	27.0	11.0	51.0

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

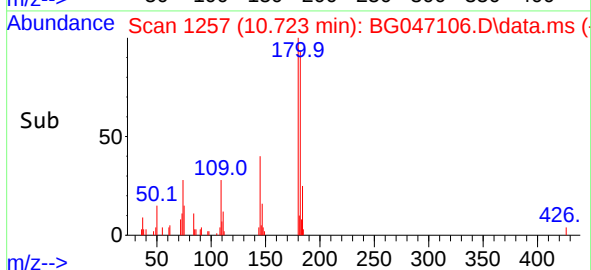
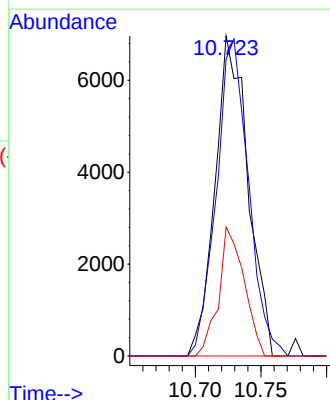
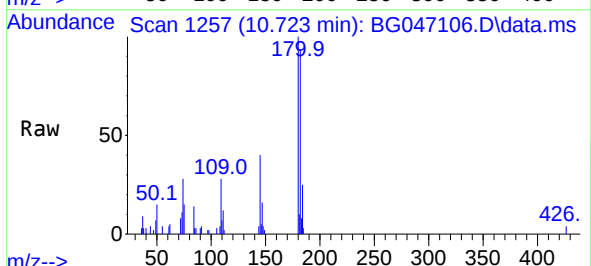
Manual Integrations
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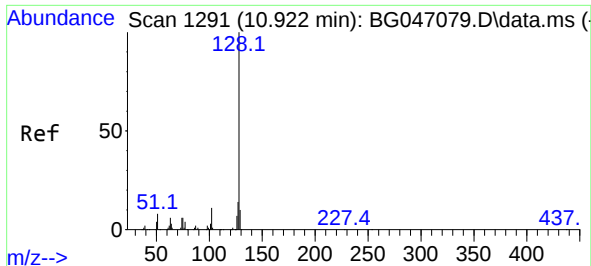
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#30
1,2,4-Trichlorobenzene
Concen: 3.27 ng
RT: 10.723 min Scan# 1257
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	180	Resp:	12156
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.9	115.3
145	40.3	21.4	32.0#





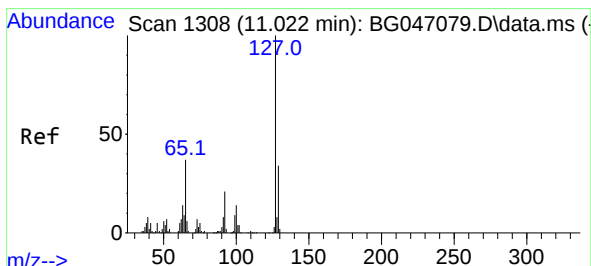
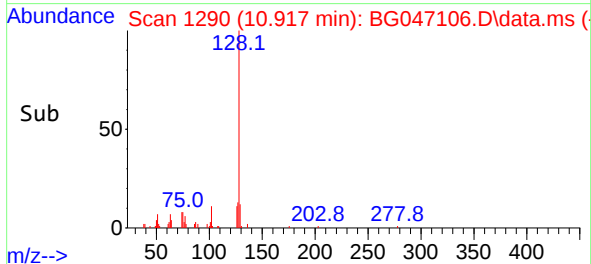
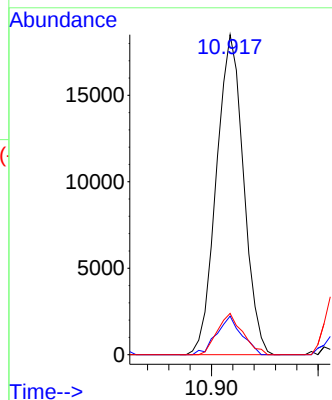
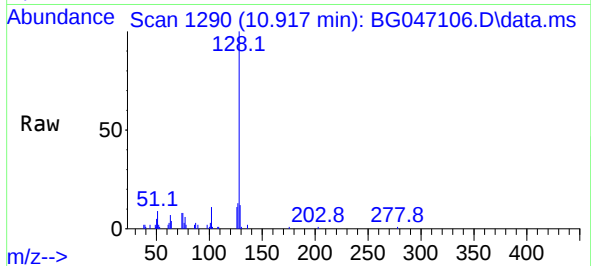
#31
Naphthalene
Concen: 3.67 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	128	Resp:	32756
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.0	13.6
127	12.9	11.0	16.4

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

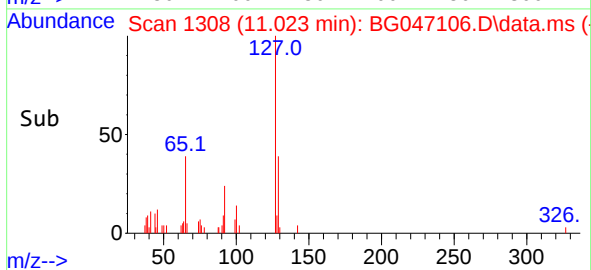
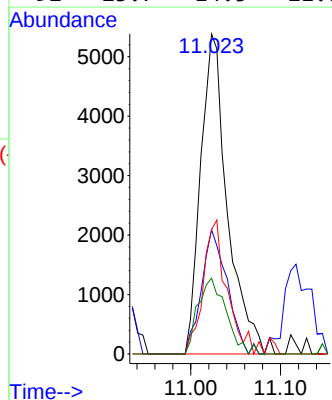
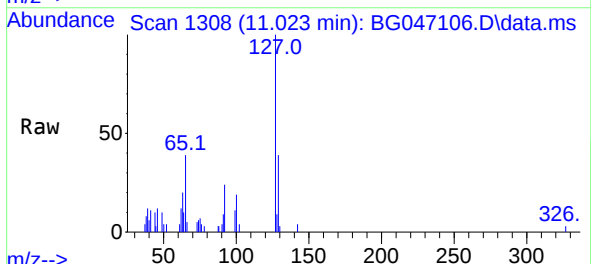
Manual Integrations
APPROVED

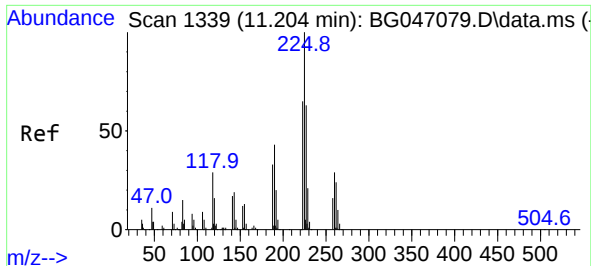
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#33
4-Chloroaniline
Concen: 2.87 ng
RT: 11.023 min Scan# 1308
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

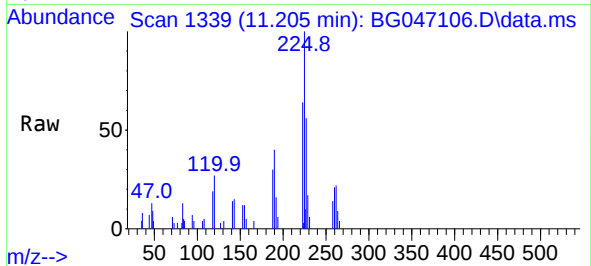
Tgt Ion:	127	Resp:	11156
Ion Ratio	Lower	Upper	
127	100		
129	38.9	26.8	40.2
65	38.8	23.8	35.6#
92	23.7	14.5	21.7#





#34
Hexachlorobutadiene
Concen: 3.44 ng
RT: 11.205 min Scan# 1339
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

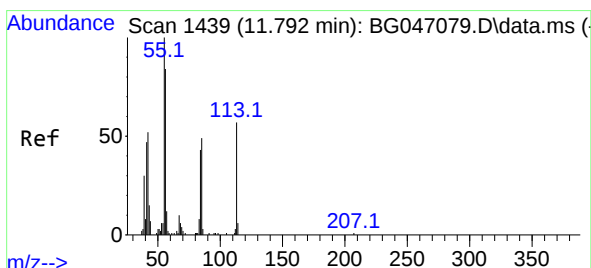
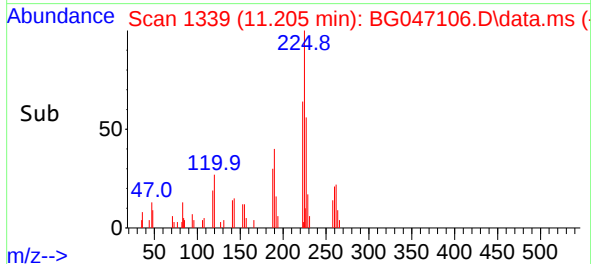
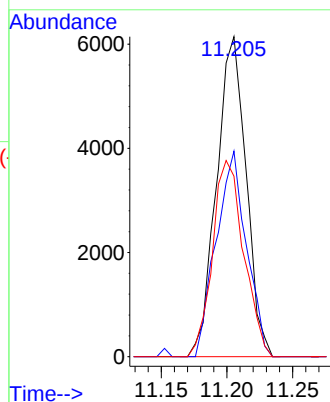
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	225	Resp:	9609
Ion Ratio	Lower	Upper	
225	100		
223	64.2	49.5	74.3
227	56.4	52.0	78.0

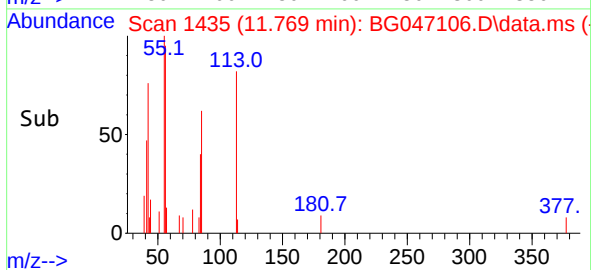
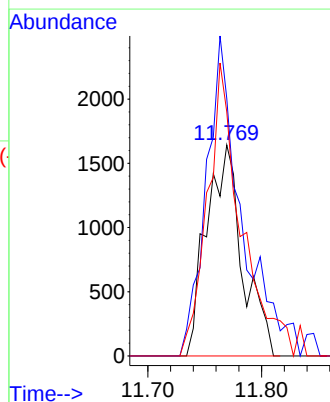
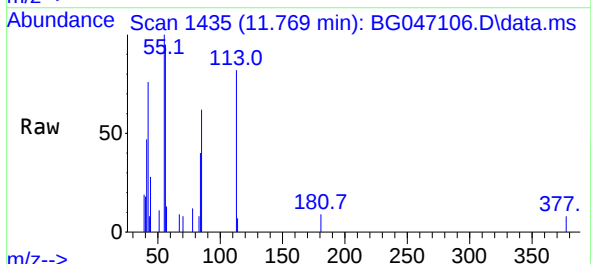
Manual Integrations
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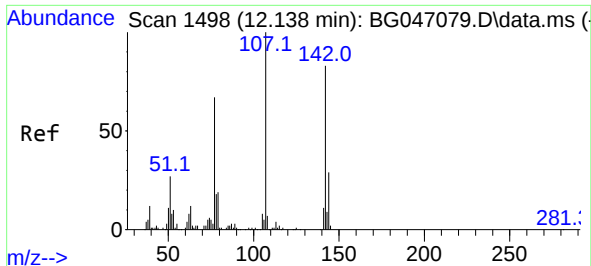
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#35
Caprolactam
Concen: 3.58 ng
RT: 11.769 min Scan# 1435
Delta R.T. -0.022 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	113	Resp:	3598
Ion Ratio	Lower	Upper	
113	100		
55	122.0	149.2	189.2#
56	115.7	107.2	147.2





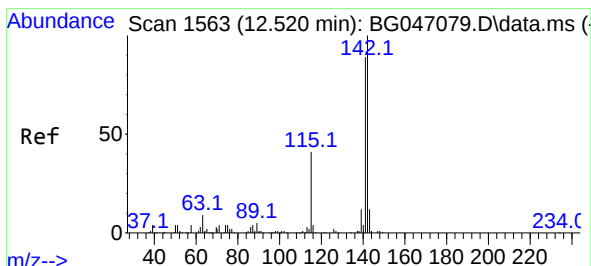
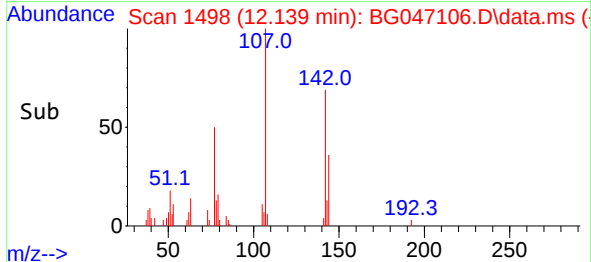
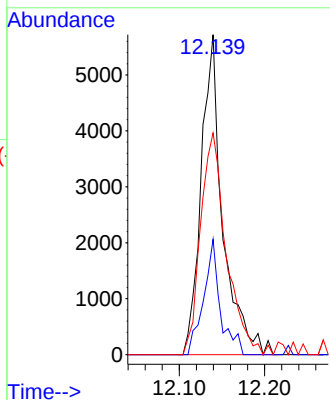
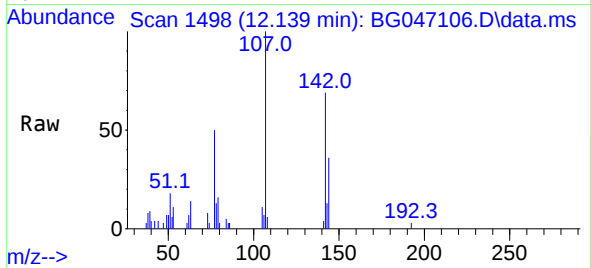
#36
4-Chloro-3-methylphenol
Concen: 3.20 ng
RT: 12.139 min Scan# 1498
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

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

Tgt Ion	Ratio	Lower	Upper
107	100		
144	36.0	22.5	33.7#
142	69.3	70.8	106.2#

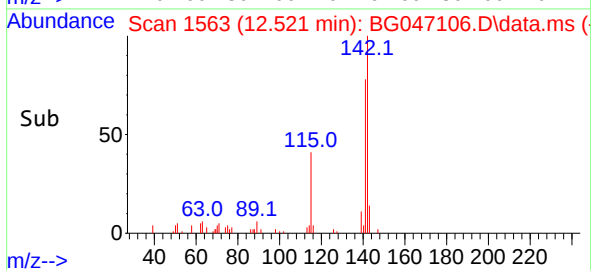
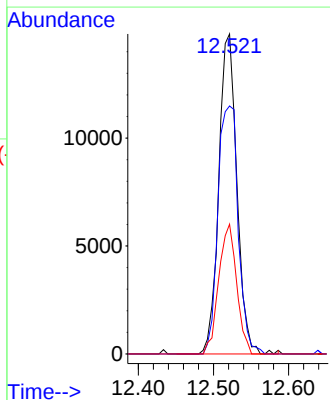
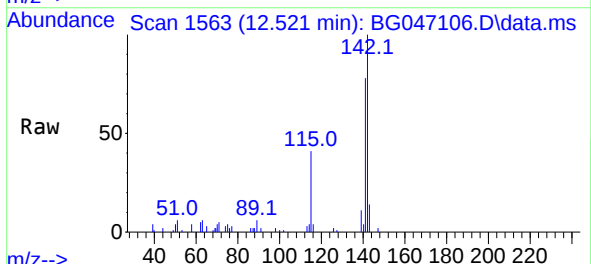
Manual Integrations
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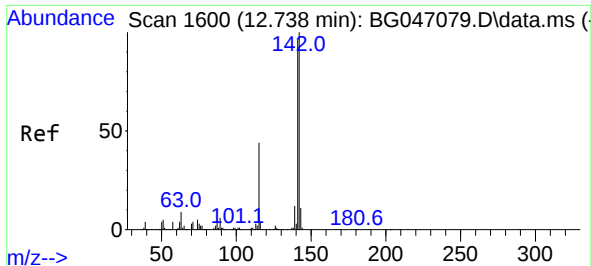
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#37
2-Methylnaphthalene
Concen: 3.57 ng m
RT: 12.521 min Scan# 1563
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	77.5	71.6	107.4
115	40.5	25.4	38.2#





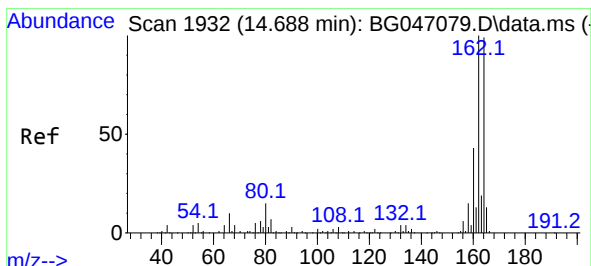
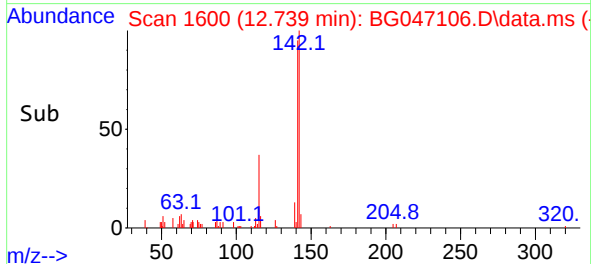
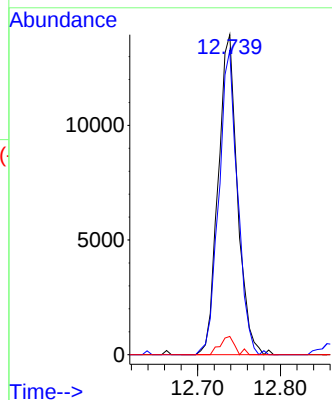
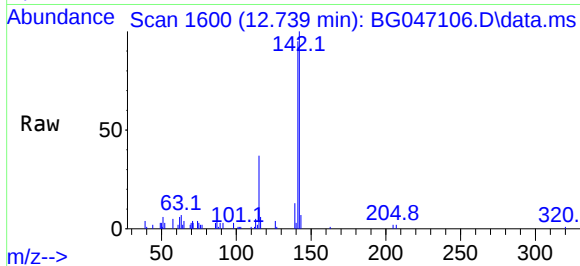
#38
1-Methylnaphthalene
Concen: 3.43 ng m
RT: 12.739 min Scan# 1600
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:142 Resp: 22555
Ion Ratio Lower Upper
142 100
141 95.1 75.4 113.2
116 5.7 2.9 4.3#

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

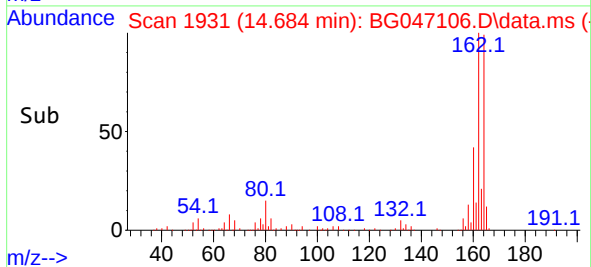
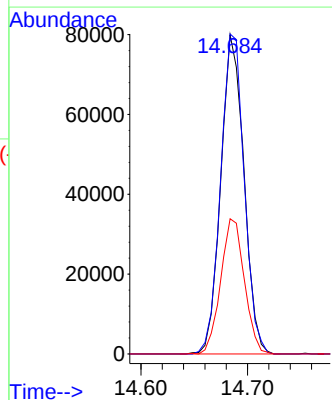
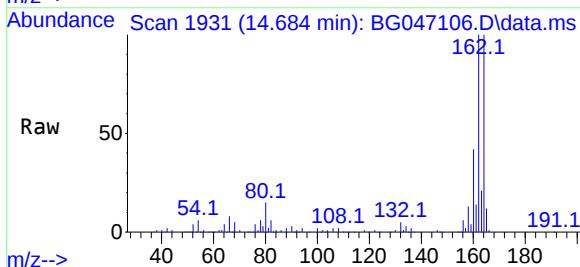
Manual Integrations
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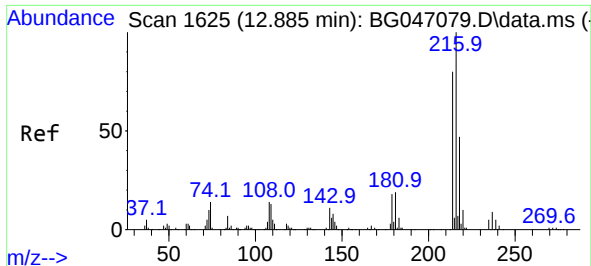
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.684 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

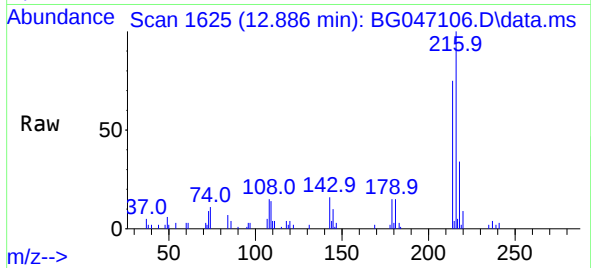
Tgt Ion:164 Resp: 119891
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 42.4 35.3 52.9





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.82 ng
RT: 12.886 min Scan# 1625
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

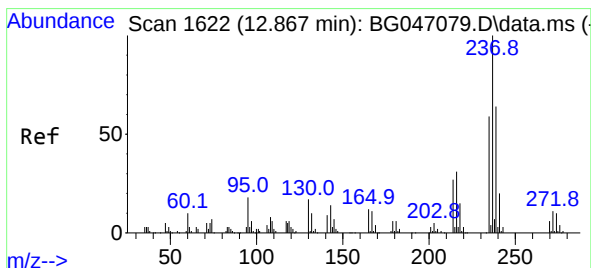
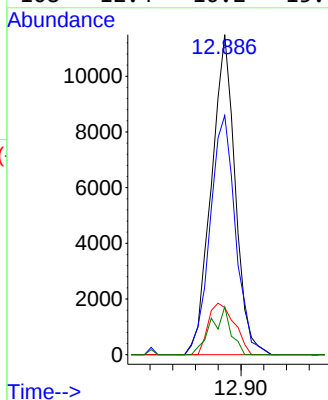
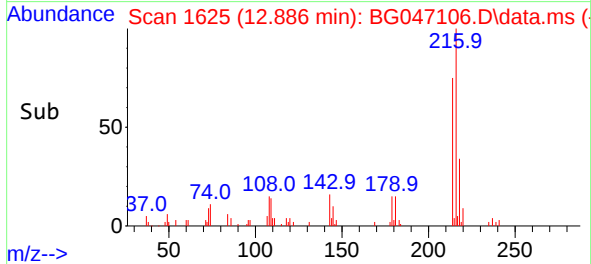
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



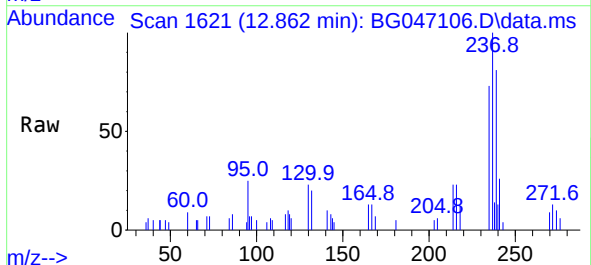
Tgt Ion:	216	Resp:	16731
Ion Ratio	Lower	Upper	
216	100		
214	79.7	61.9	92.9
179	17.5	14.8	22.2
108	12.4	10.2	15.4

Manual Integrations
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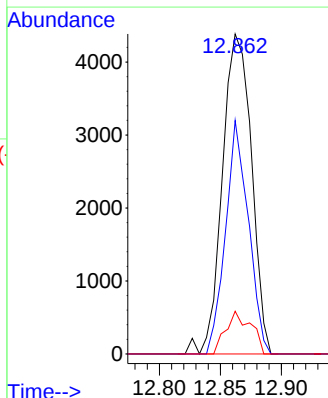
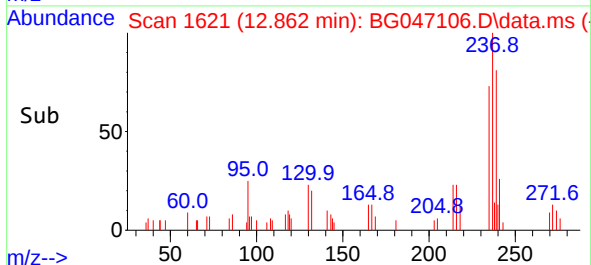
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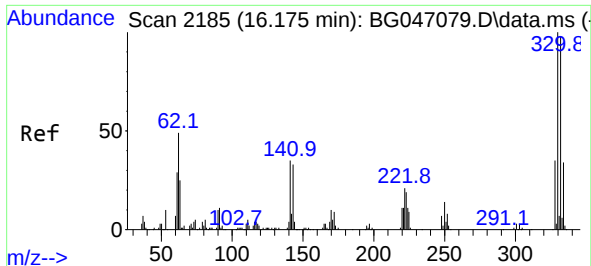


#41
Hexachlorocyclopentadiene
Concen: 3.04 ng
RT: 12.862 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



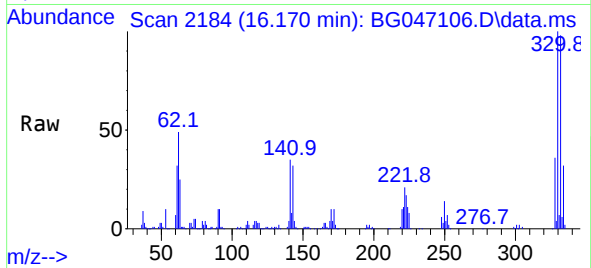
Tgt Ion:	237	Resp:	7285
Ion Ratio	Lower	Upper	
237	100		
235	73.0	43.1	83.1
272	13.3	0.0	33.1





#42
2,4,6-Tribromophenol
Concen: 133.06 ng
RT: 16.170 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

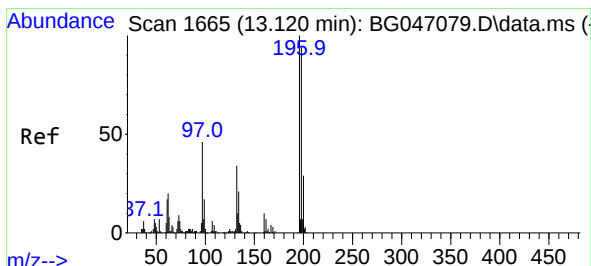
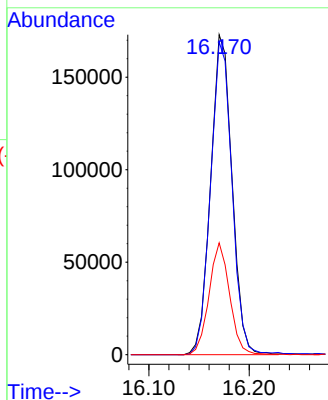
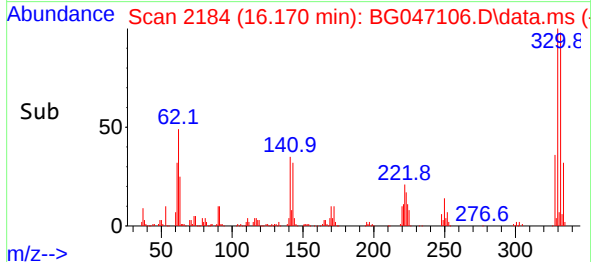
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



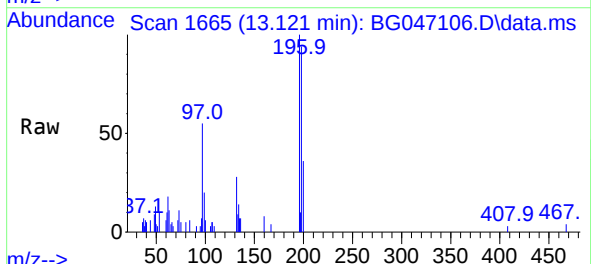
Tgt Ion:330 Resp: 255694
Ion Ratio Lower Upper
330 100
332 98.1 76.5 114.7
141 33.8 26.0 39.0

Manual Integrations
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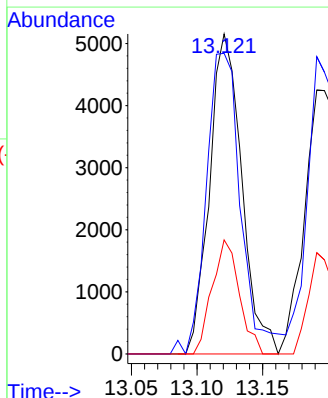
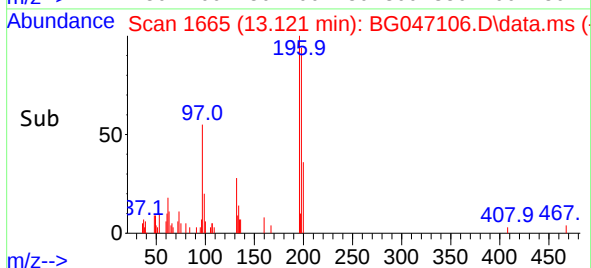
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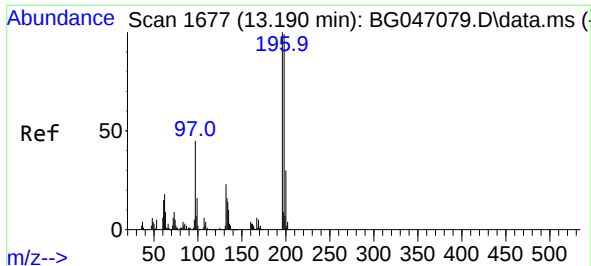


#43
2,4,6-Trichlorophenol
Concen: 3.08 ng
RT: 13.121 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:196 Resp: 8778
Ion Ratio Lower Upper
196 100
198 94.0 74.9 112.3
200 35.6 25.3 37.9





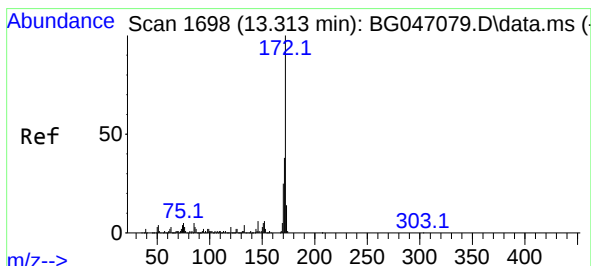
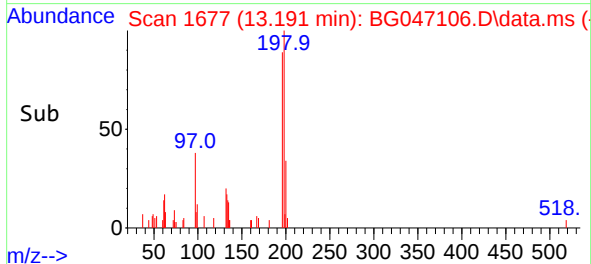
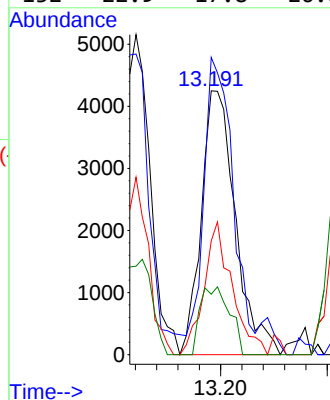
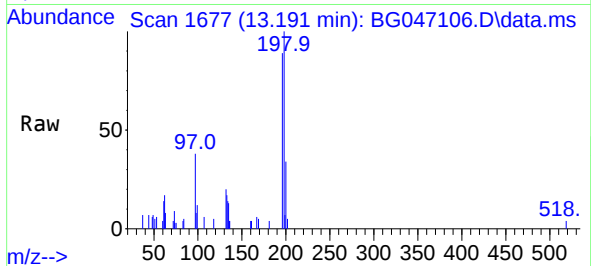
#44
2,4,5-Trichlorophenol
Concen: 3.27 ng
RT: 13.191 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	196	Resp:	9479
Ion	Ratio	Lower	Upper
196	100		
198	112.7	77.6	116.4
97	43.1	28.6	43.0#
132	22.9	17.8	26.8

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

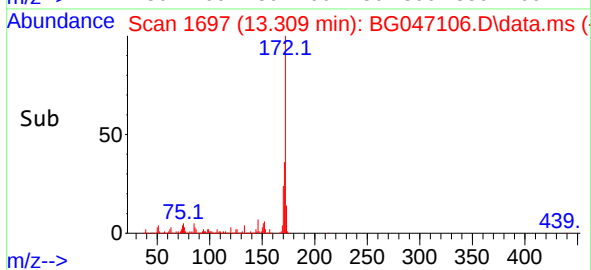
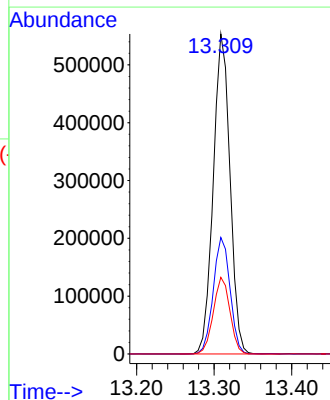
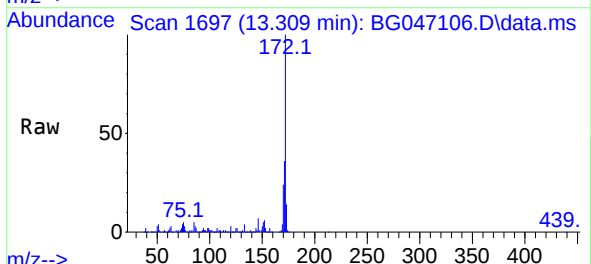
Manual Integrations
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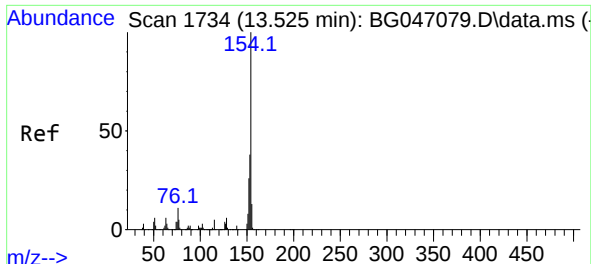
mohammad
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#45
2-Fluorobiphenyl
Concen: 98.10 ng
RT: 13.309 min Scan# 1697
Delta R.T. -0.004 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

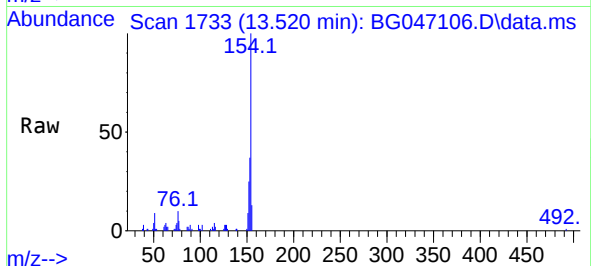
Tgt Ion:	172	Resp:	831905
Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	23.9	20.8	31.2





#46
1,1'-Biphenyl
Concen: 3.71 ng
RT: 13.520 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

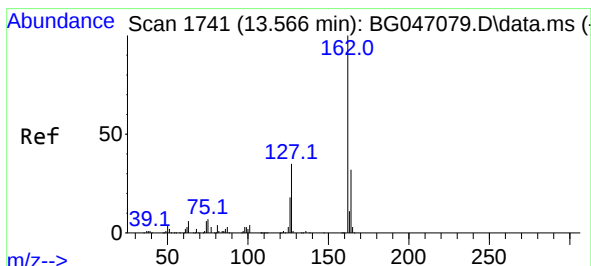
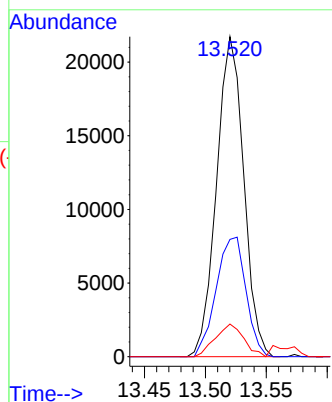
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



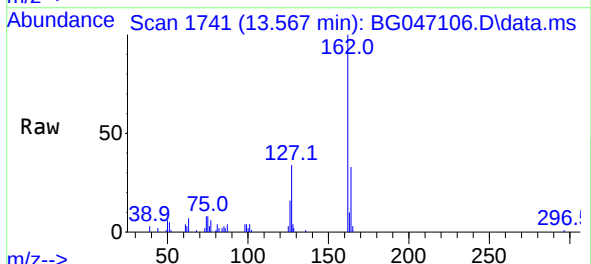
Tgt Ion:	154	Resp:	33636
Ion Ratio	Lower	Upper	
154	100		
153	36.7	22.6	62.6
76	10.2	0.0	32.6

Manual Integrations
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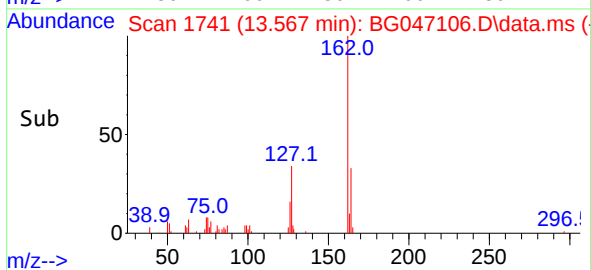
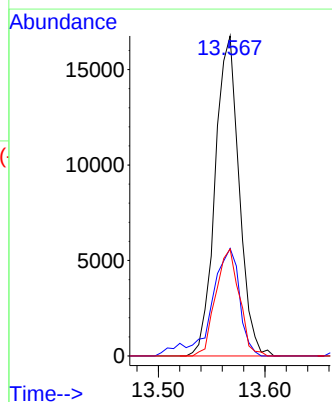
mohammad
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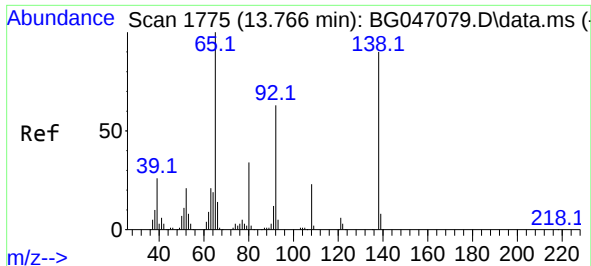


#47
2-Chloronaphthalene
Concen: 3.49 ng
RT: 13.567 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:	162	Resp:	26112
Ion Ratio	Lower	Upper	
162	100		
127	33.6	27.8	41.6
164	33.4	27.0	40.4





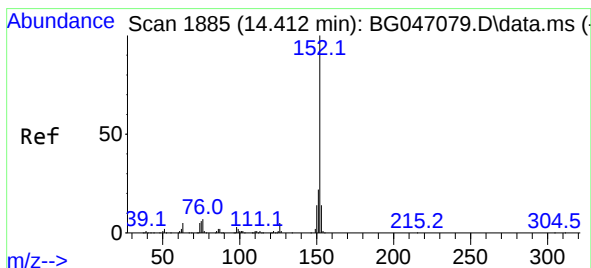
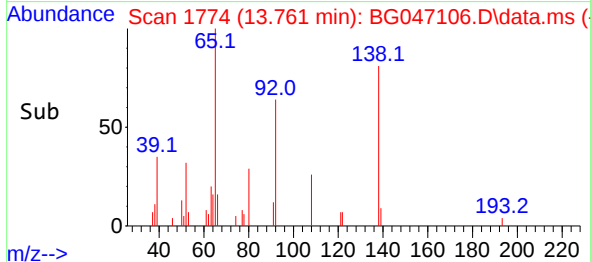
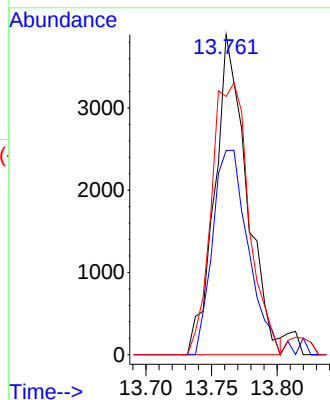
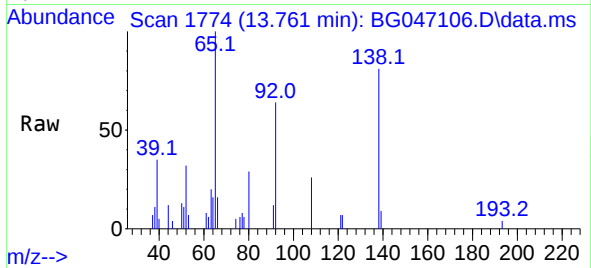
#48
2-Nitroaniline
Concen: 2.72 ng
RT: 13.761 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 65 Resp: 6616
Ion Ratio Lower Upper
65 100
92 63.8 58.6 88.0
138 80.7 98.2 147.4#

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

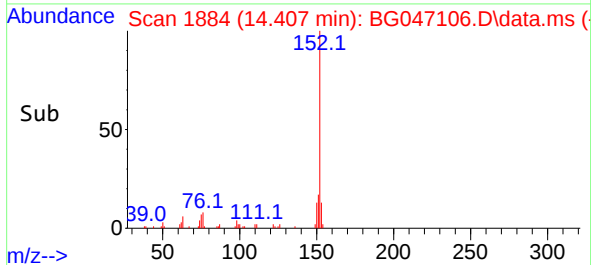
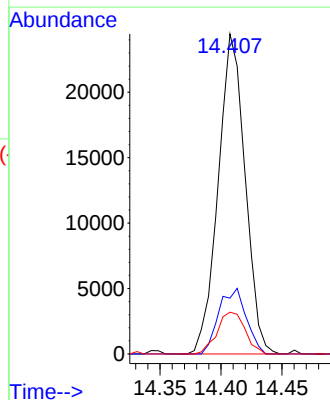
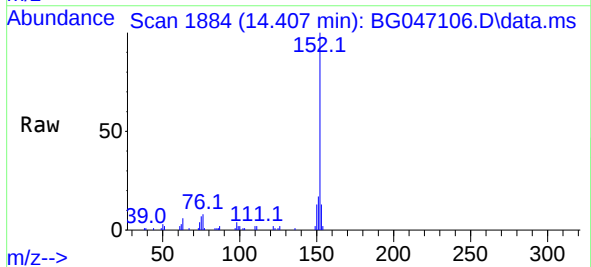
Manual Integrations
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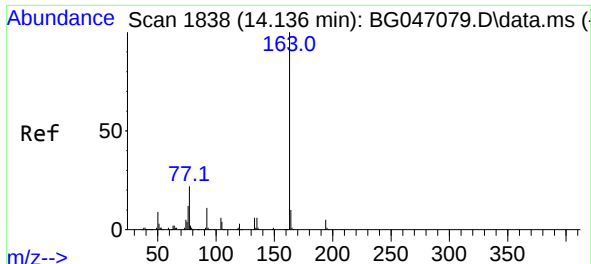
mohammad
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#49
Acenaphthylene
Concen: 3.46 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 152 Resp: 37574
Ion Ratio Lower Upper
152 100
151 17.4 17.4 26.0
153 13.1 11.5 17.3





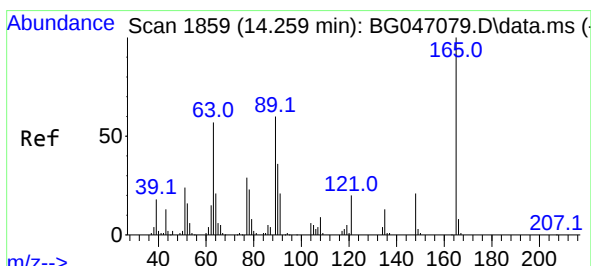
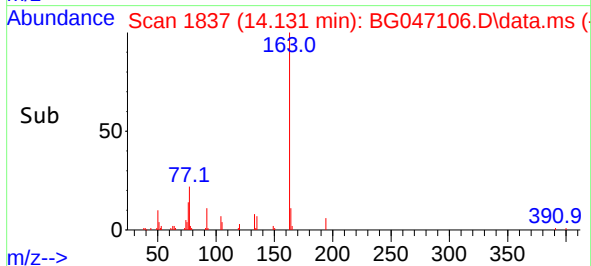
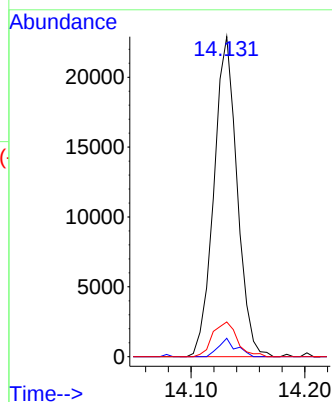
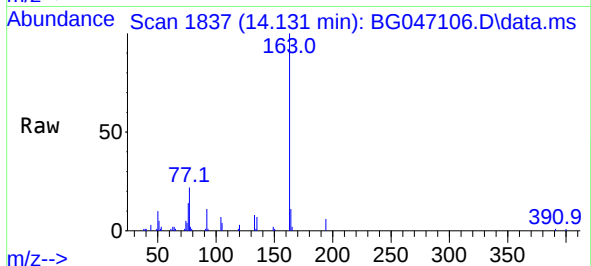
#50
Dimethylphthalate
Concen: 3.30 ng
RT: 14.131 min Scan# 1837
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:163 Resp: 32542
Ion Ratio Lower Upper
163 100
194 5.8 3.8 5.8#
164 10.9 8.8 13.2

Instrument :
BNA_G
ClientSampleId :
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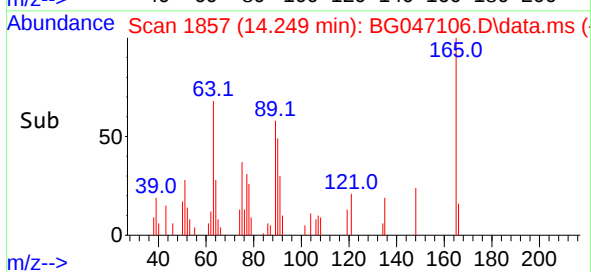
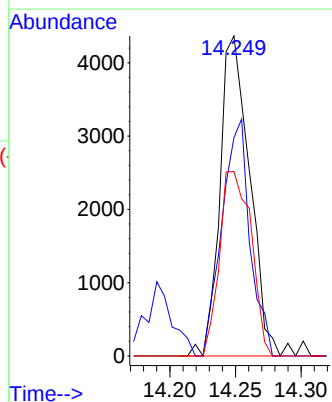
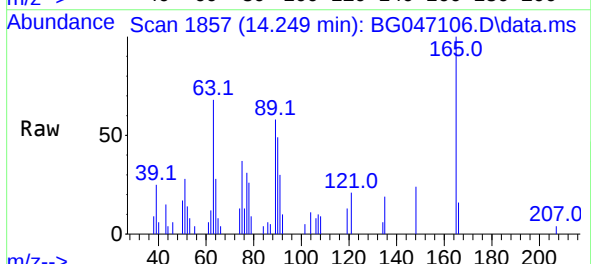
Manual Integrations
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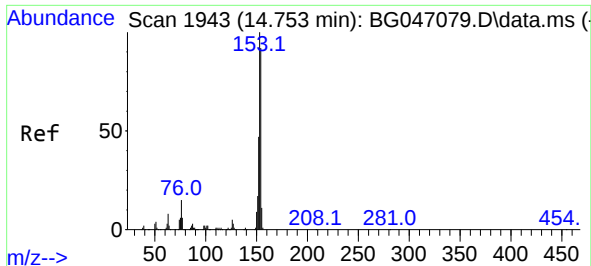
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#51
2,6-Dinitrotoluene
Concen: 3.32 ng
RT: 14.249 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

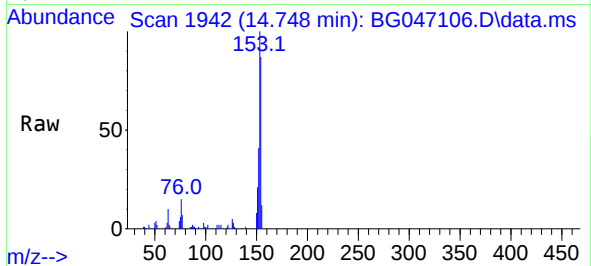
Tgt Ion:165 Resp: 6843
Ion Ratio Lower Upper
165 100
63 68.3 33.7 50.5#
89 57.7 36.6 54.8#





#52
Acenaphthene
Concen: 3.42 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

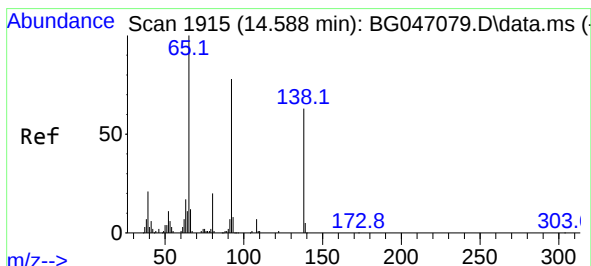
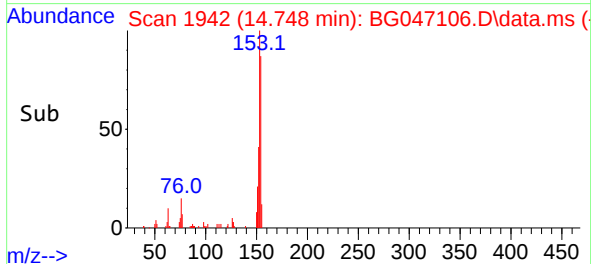
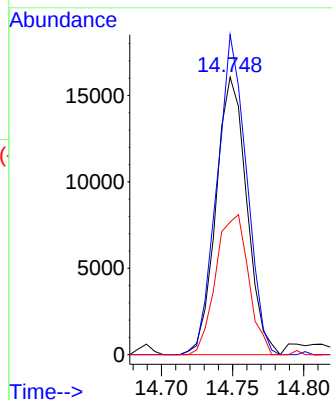
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



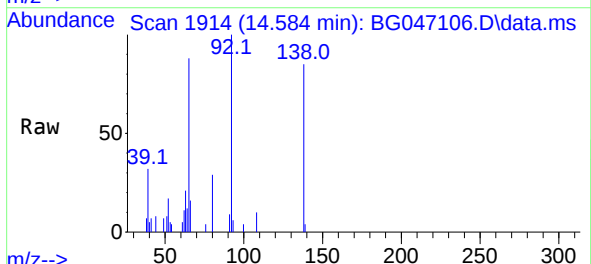
Tgt Ion:154 Resp: 24203
Ion Ratio Lower Upper
154 100
153 115.3 90.3 135.5
152 47.8 43.8 65.8

Manual Integrations
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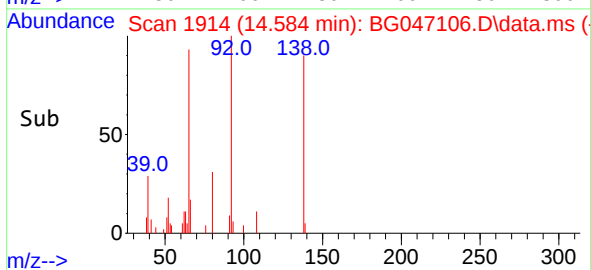
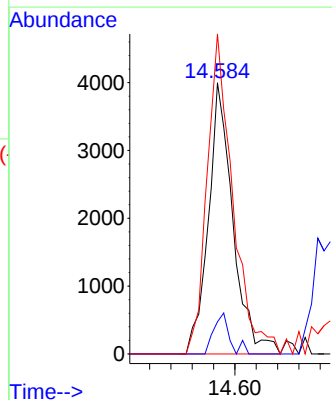
mohammad
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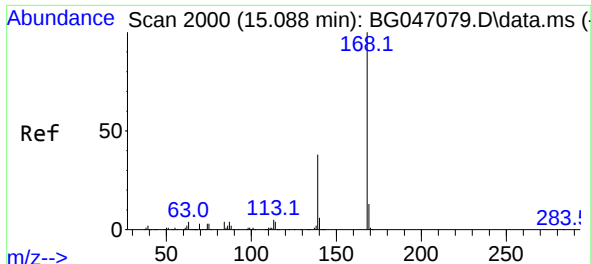


#53
3-Nitroaniline
Concen: 3.12 ng
RT: 14.584 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



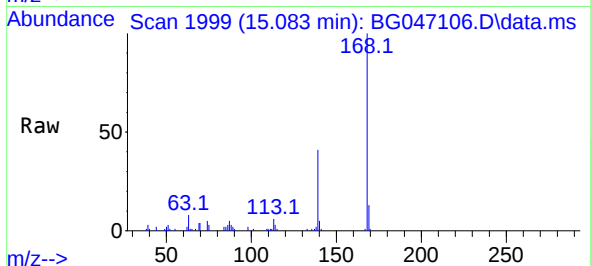
Tgt Ion:138 Resp: 6392
Ion Ratio Lower Upper
138 100
108 11.9 7.4 11.0#
92 118.0 85.2 127.8





#55
Dibenzofuran
Concen: 3.76 ng
RT: 15.083 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

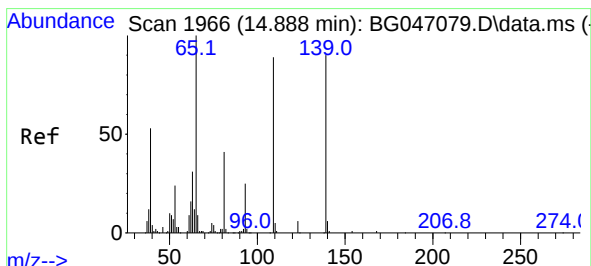
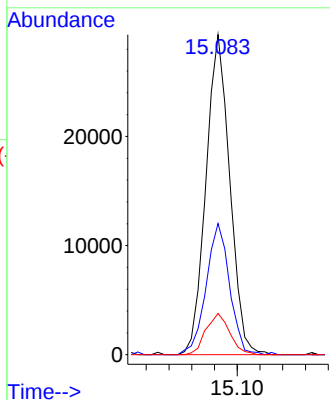
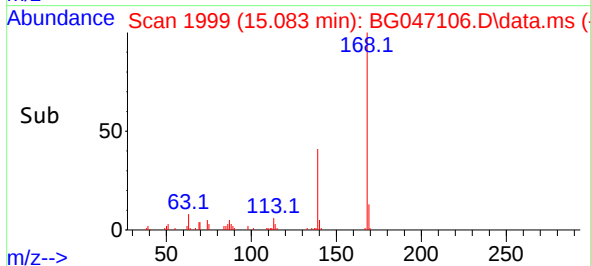
Instrument :
BNA_G
ClientSampleId :
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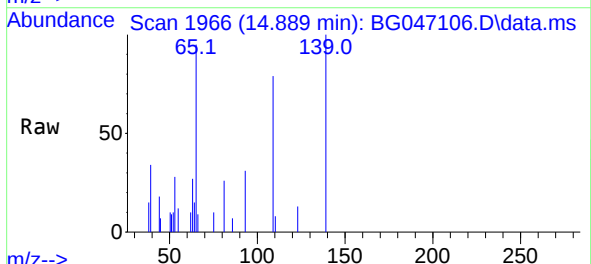
Tgt Ion:168 Resp: 42698
Ion Ratio Lower Upper
168 100
139 41.0 28.6 43.0
169 12.9 11.0 16.6

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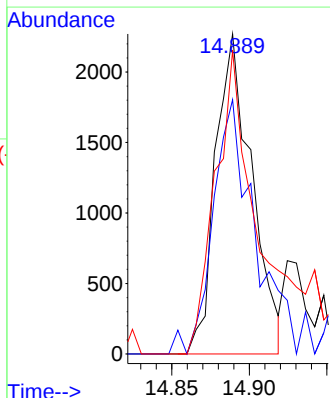
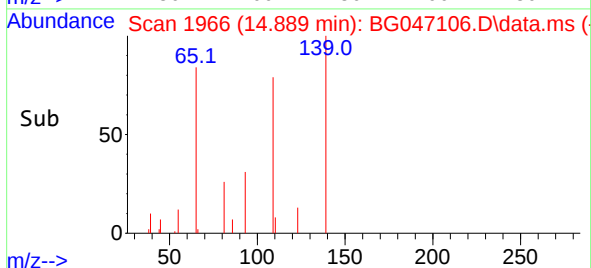
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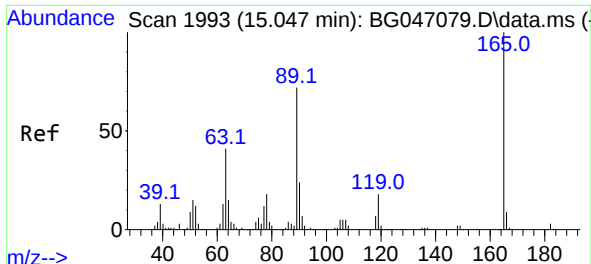


#56
4-Nitrophenol
Concen: 2.30 ng
RT: 14.889 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



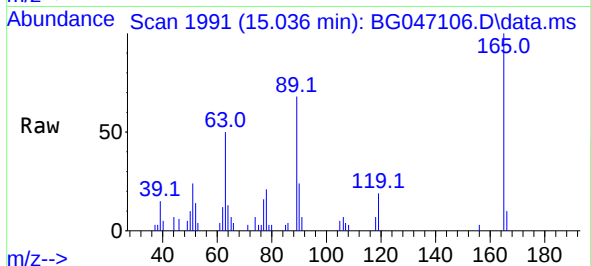
Tgt Ion:139 Resp: 3686
Ion Ratio Lower Upper
139 100
109 79.5 45.9 85.9
65 94.8 65.4 105.4





#57
2,4-Dinitrotoluene
Concen: 3.23 ng
RT: 15.036 min Scan# 1991
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

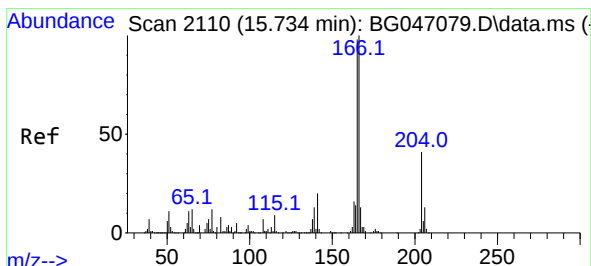
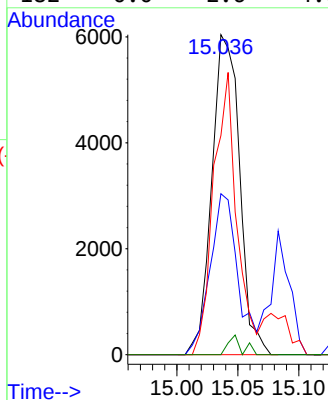
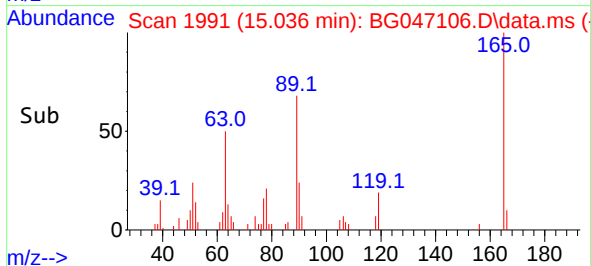
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



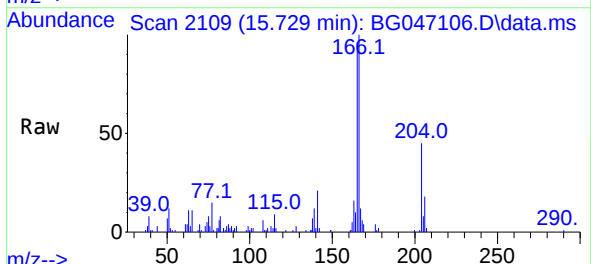
Tgt Ion:	165	Resp:	9566
Ion Ratio	Lower	Upper	
165	100		
63	50.3	26.4	39.6#
89	68.5	47.8	71.8
182	0.0	2.6	4.0#

Manual Integrations
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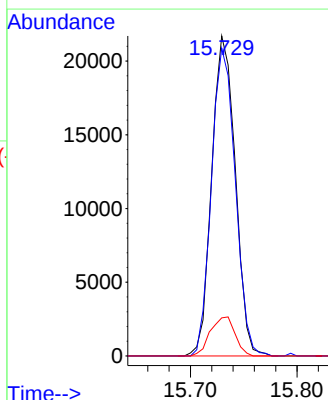
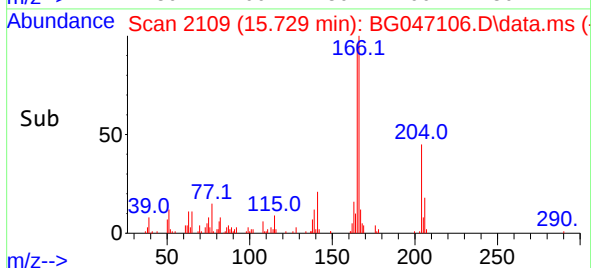
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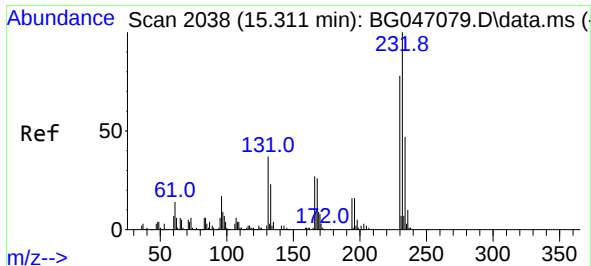


#58
Fluorene
Concen: 3.63 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:	166	Resp:	33259
Ion Ratio	Lower	Upper	
166	100		
165	96.2	77.2	115.8
167	11.9	11.4	17.2





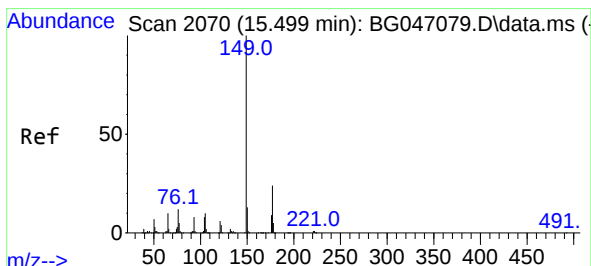
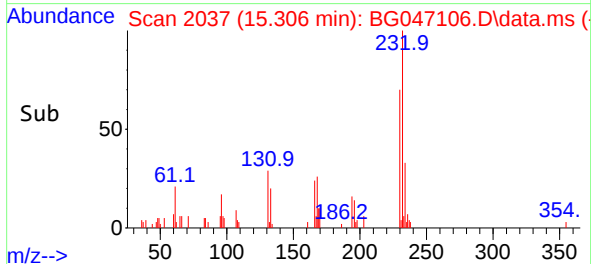
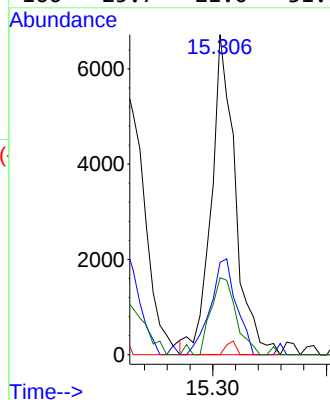
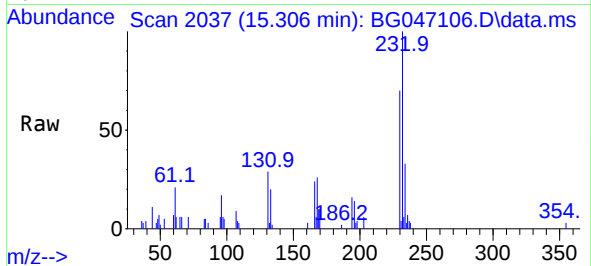
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.20 ng
RT: 15.306 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	232	Resp:	9859
Ion Ratio	Lower	Upper	
232	100		
131	32.3	26.6	40.0
130	1.8	1.4	2.0
166	25.7	21.0	31.6

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

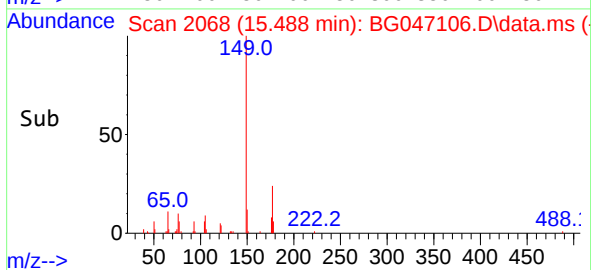
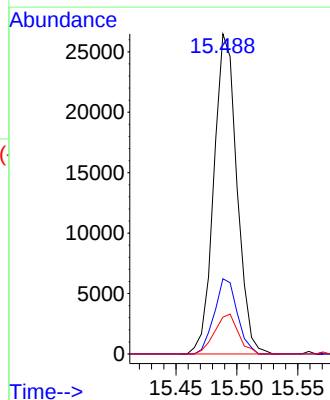
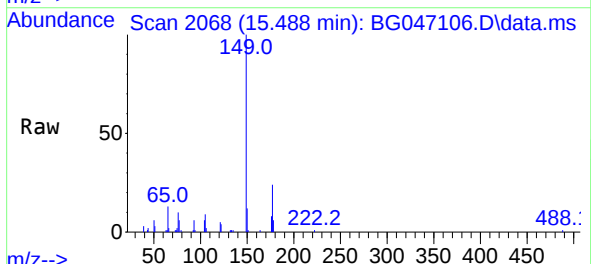
Manual Integrations
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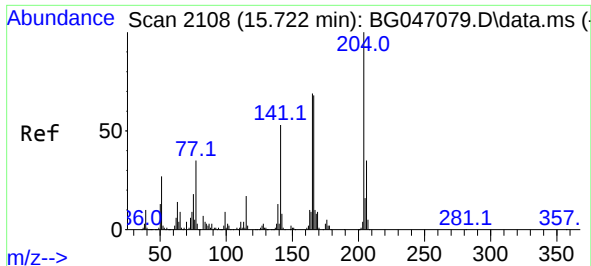
mohammad
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#60
Diethylphthalate
Concen: 3.54 ng
RT: 15.488 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	149	Resp:	34856
Ion Ratio	Lower	Upper	
149	100		
177	23.5	21.4	32.2
150	11.5	10.7	16.1





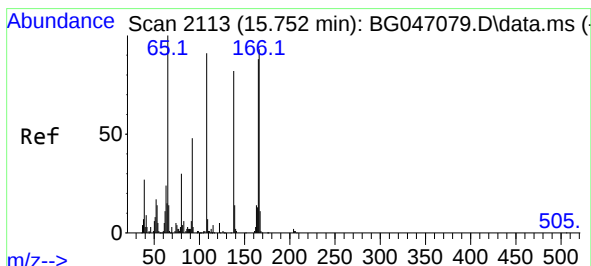
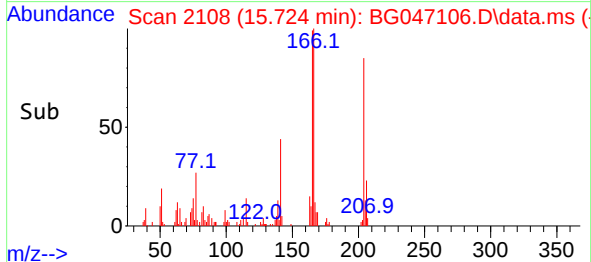
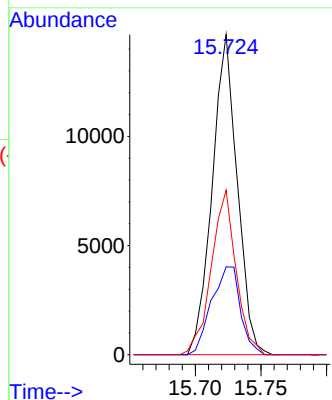
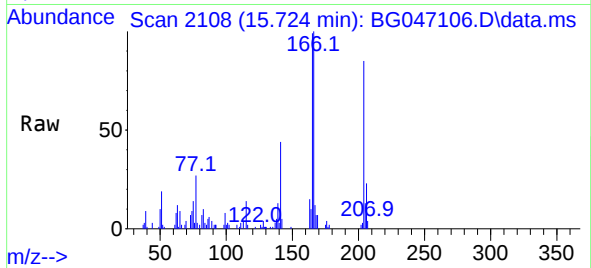
#61
4-Chlorophenyl-phenylether
Concen: 3.55 ng
RT: 15.724 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:204 Resp: 19421
Ion Ratio Lower Upper
204 100
206 27.4 27.8 41.8#
141 51.4 41.5 62.3

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

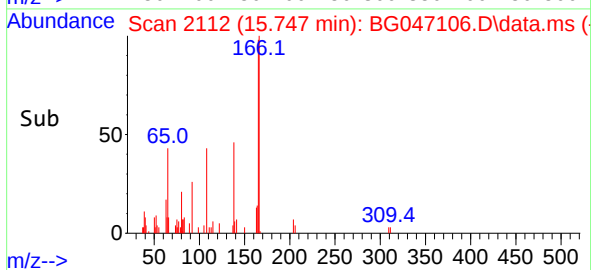
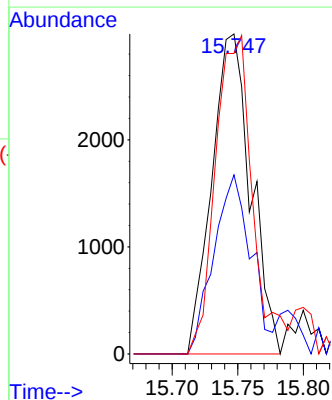
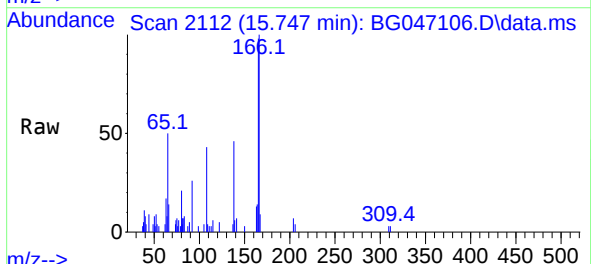
Manual Integrations
APPROVED

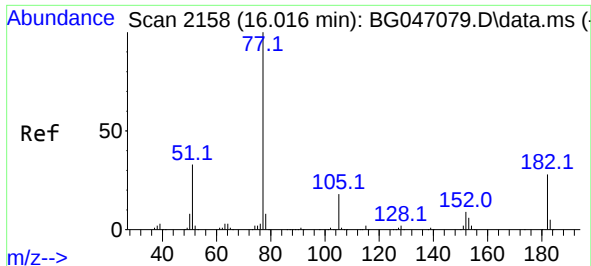
mohammad
10/29/2020 10:43:48 AM



#62
4-Nitroaniline
Concen: 2.81 ng
RT: 15.747 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:138 Resp: 6183
Ion Ratio Lower Upper
138 100
92 55.9 26.9 66.9
108 93.9 49.4 89.4#





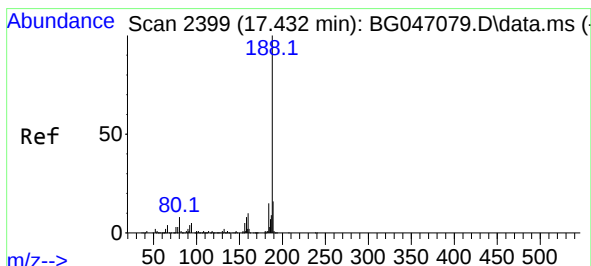
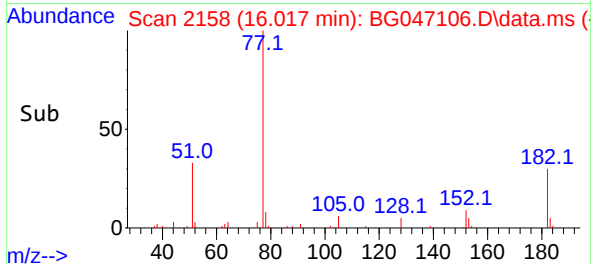
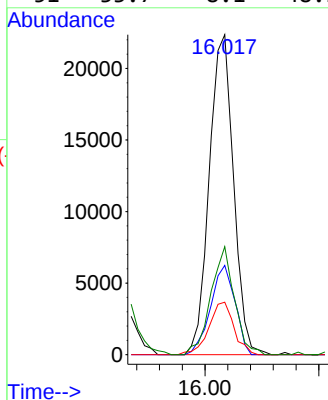
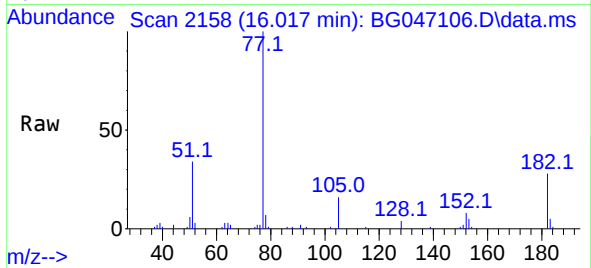
#63
Azobenzene
Concen: 3.78 ng
RT: 16.017 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 77	Resp: 33099
Ion Ratio	Lower Upper
77 100	
182 27.9	14.0 54.0
105 16.4	3.0 43.0
51 33.7	8.1 48.1

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

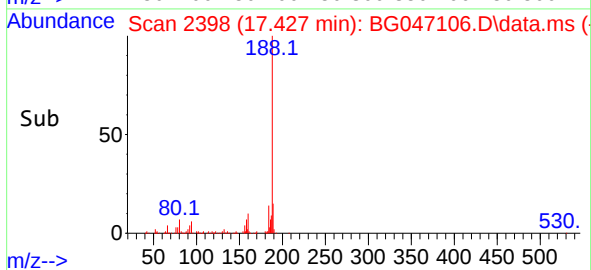
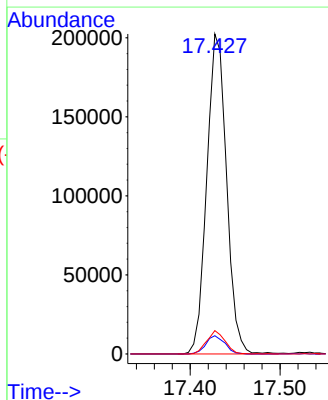
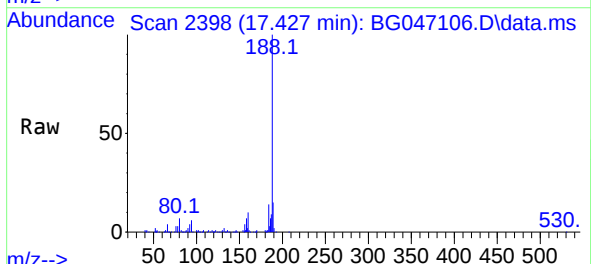
Manual Integrations
APPROVED

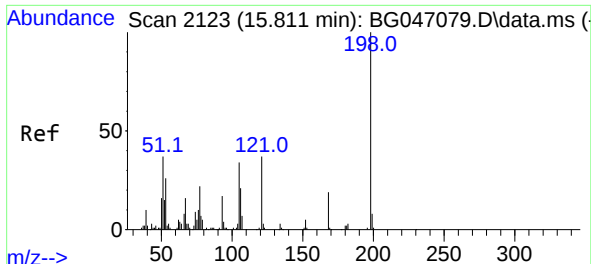
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.427 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion: 188	Resp: 309473
Ion Ratio	Lower Upper
188 100	
94 5.7	6.3 9.5#
80 7.3	7.0 10.6





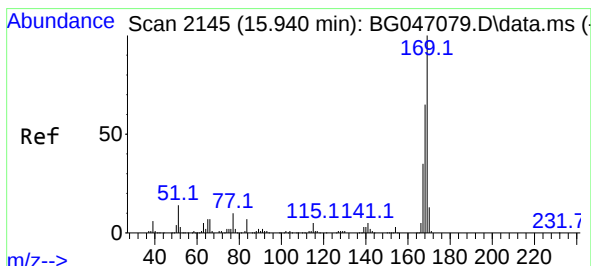
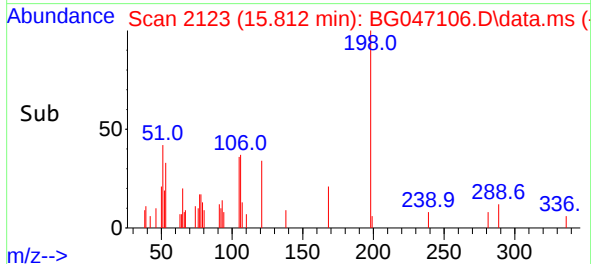
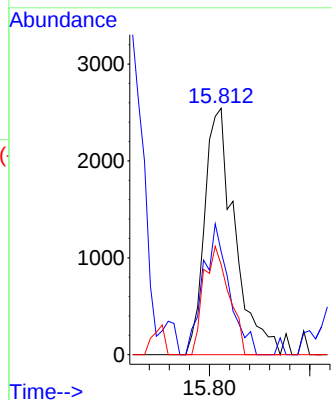
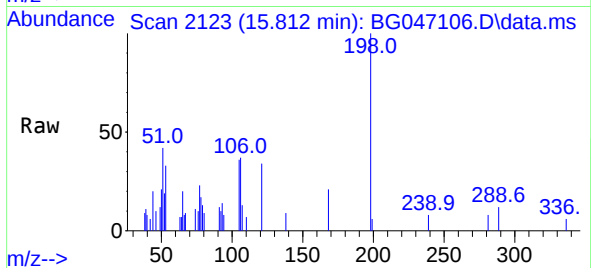
#65
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 15.812 min Scan# 2123
Delta R.T. 0.001 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	198	Resp:	5300
Ion Ratio	Lower	Upper	
198	100		
51	41.8	10.4	50.4
105	36.5	12.9	52.9

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

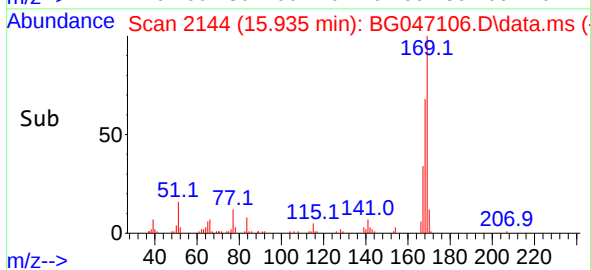
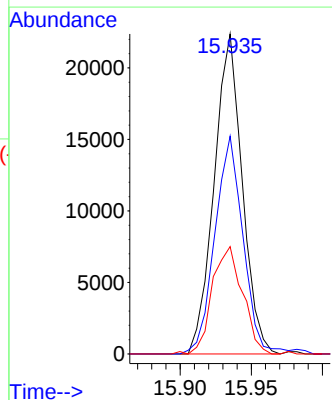
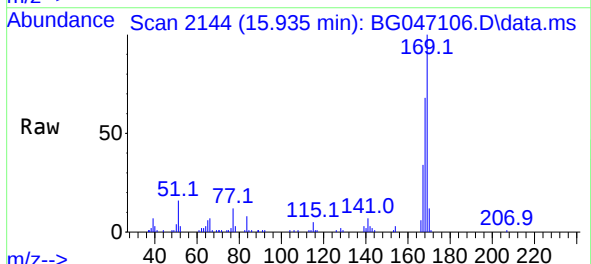
Manual Integrations
APPROVED

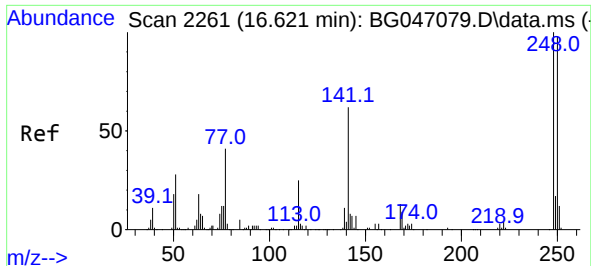
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#66
n-Nitrosodiphenylamine
Concen: 3.46 ng
RT: 15.935 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	169	Resp:	30739
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.5	83.3
167	33.5	30.5	45.7





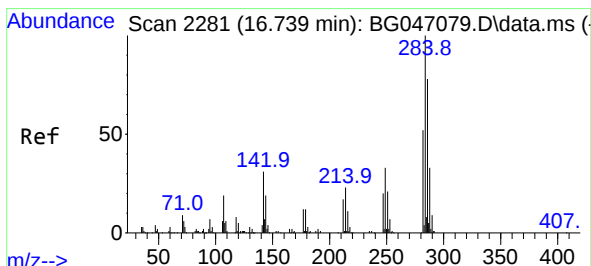
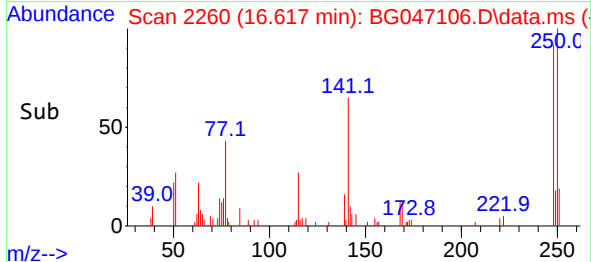
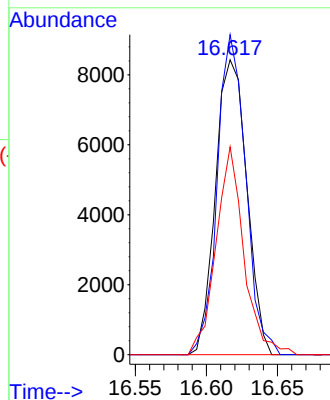
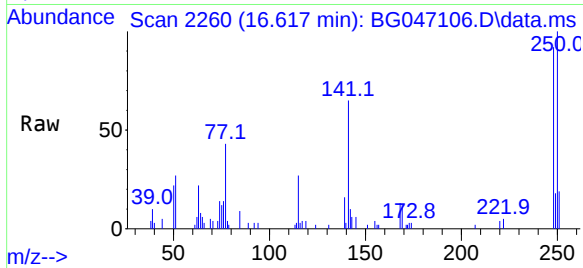
#67
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 16.617 min Scan# 2260
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:248 Resp: 12931
Ion Ratio Lower Upper
248 100
250 108.5 78.9 118.3
141 70.5 46.2 69.4#

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

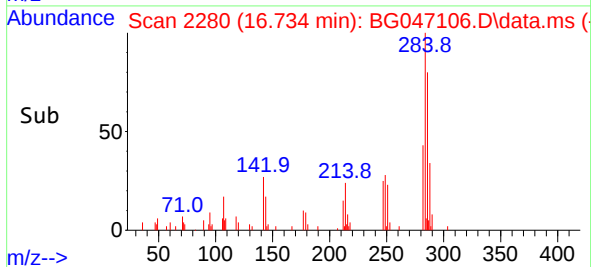
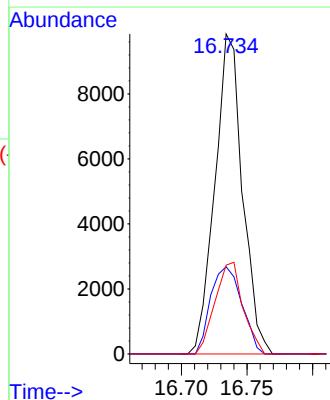
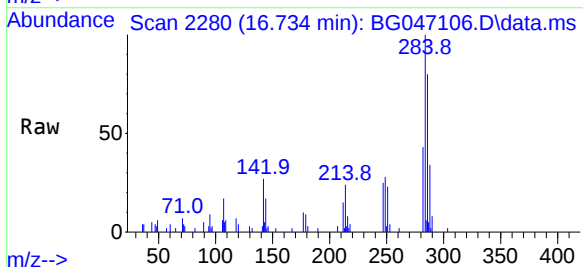
Manual Integrations
APPROVED

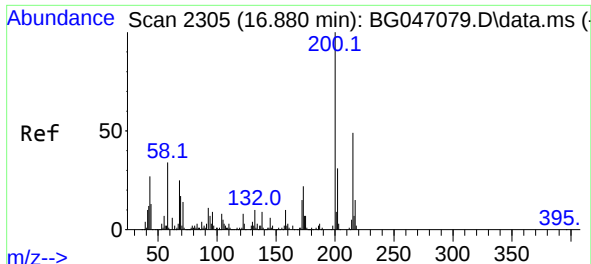
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#68
Hexachlorobenzene
Concen: 3.35 ng
RT: 16.734 min Scan# 2280
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:284 Resp: 14369
Ion Ratio Lower Upper
284 100
142 27.3 21.1 31.7
249 31.1 25.9 38.9





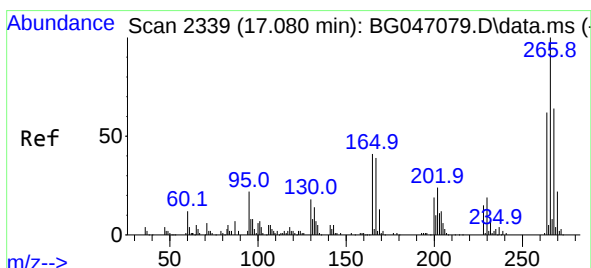
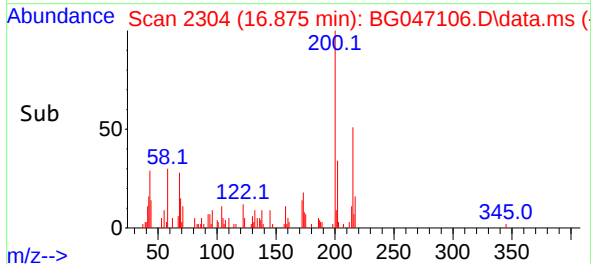
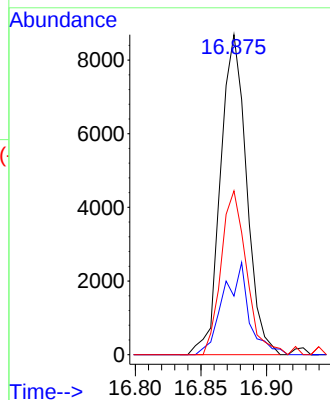
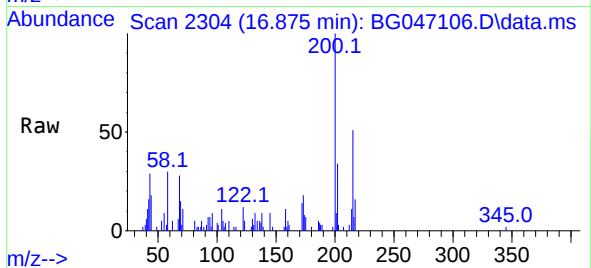
#69
Atrazine
Concen: 3.28 ng
RT: 16.875 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:200 Resp: 11984
Ion Ratio Lower Upper
200 100
173 18.3 4.2 44.2
215 51.2 30.0 70.0

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

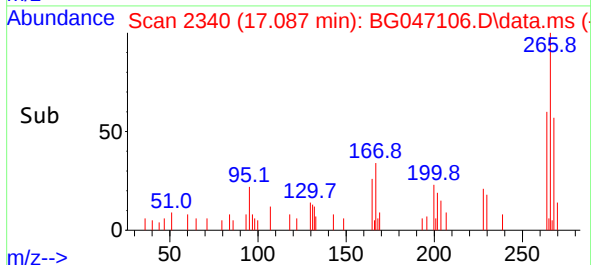
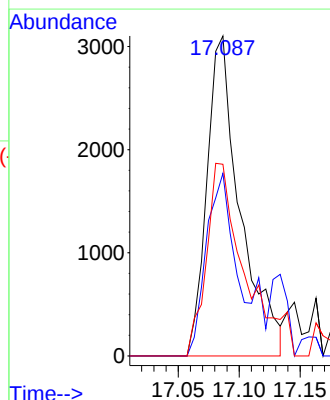
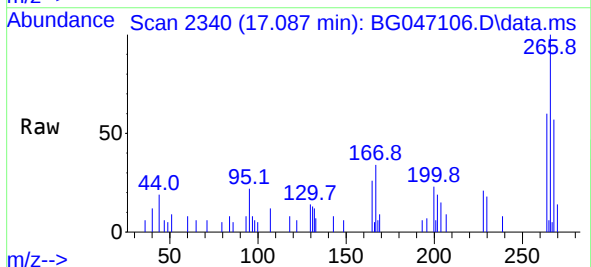
Manual Integrations
APPROVED

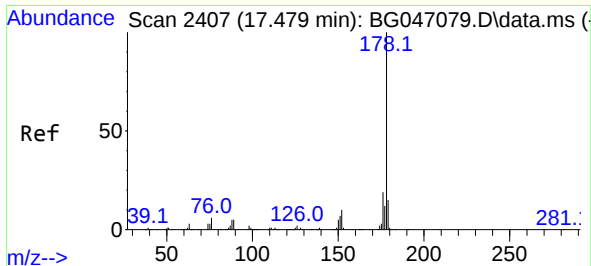
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#70
Pentachlorophenol
Concen: 2.36 ng
RT: 17.087 min Scan# 2340
Delta R.T. 0.007 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

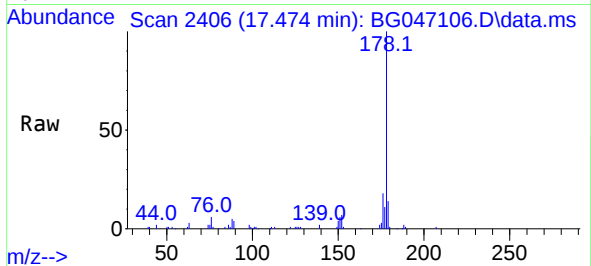
Tgt Ion:266 Resp: 5909
Ion Ratio Lower Upper
266 100
268 57.0 49.8 74.6
264 59.9 49.3 73.9





#71
Phenanthrene
Concen: 3.57 ng m
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

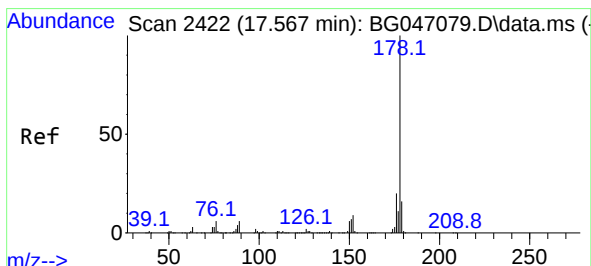
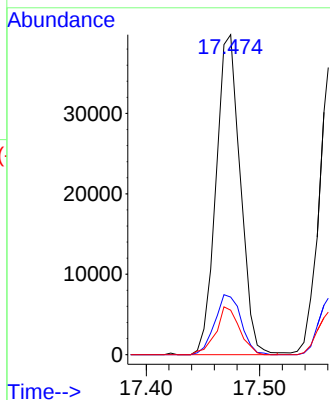
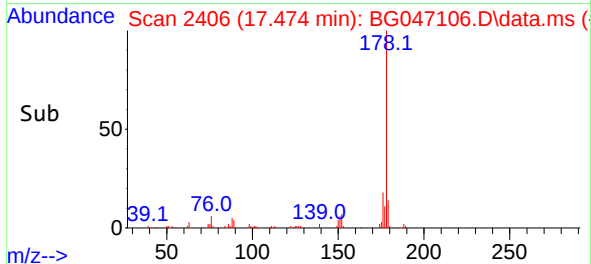
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



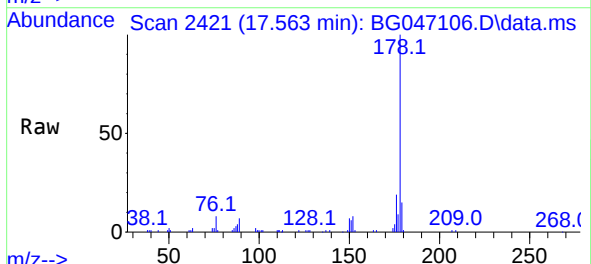
Tgt Ion:178 Resp: 59079
Ion Ratio Lower Upper
178 100
176 18.0 16.7 25.1
179 13.9 14.0 21.0#

Manual Integrations
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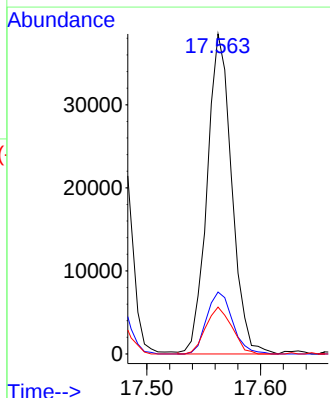
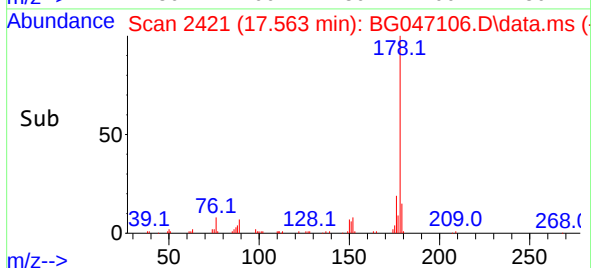
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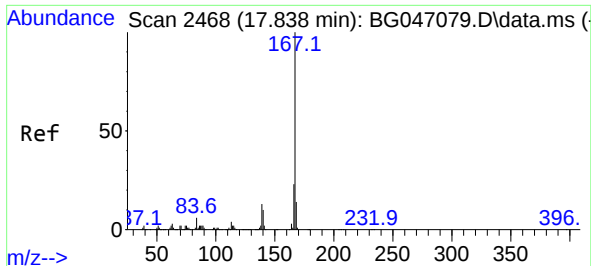


#72
Anthracene
Concen: 3.58 ng
RT: 17.563 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



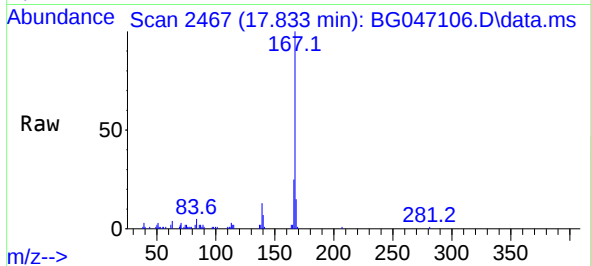
Tgt Ion:178 Resp: 58064
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 14.6 13.8 20.6





#73
Carbazole
Concen: 3.49 ng
RT: 17.833 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

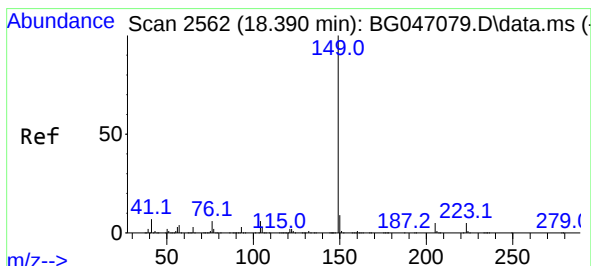
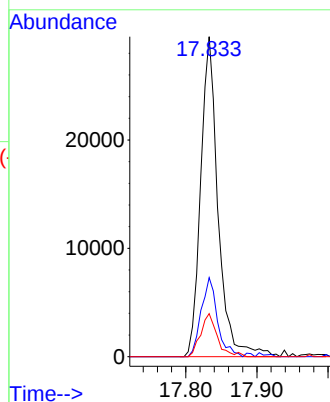
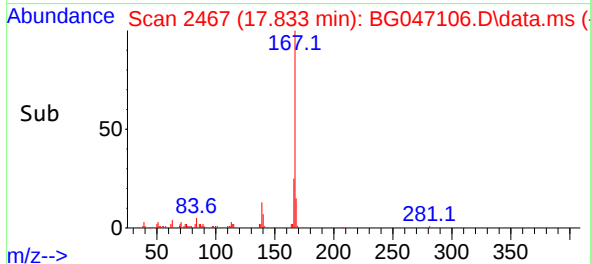
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



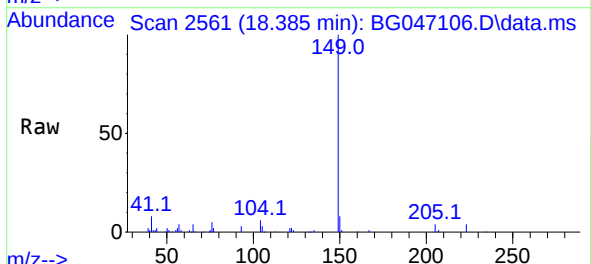
Tgt Ion:167 Resp: 50323
Ion Ratio Lower Upper
167 100
166 24.7 18.7 28.1
139 13.5 9.6 14.4

Manual Integrations
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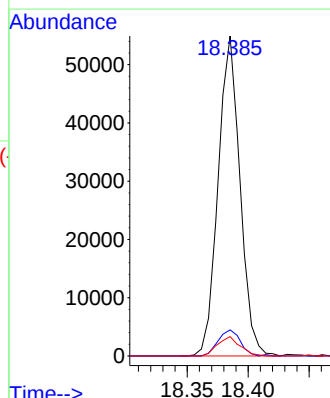
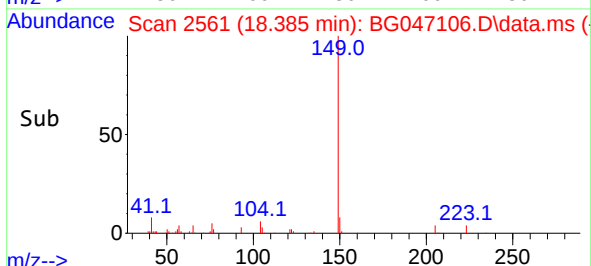
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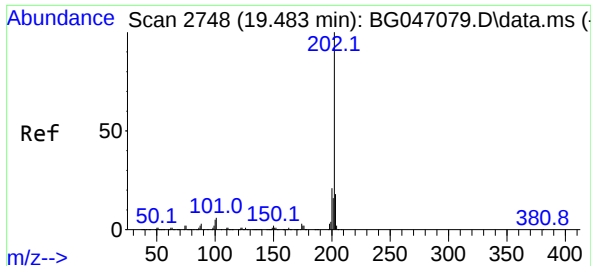


#74
Di-n-butylphthalate
Concen: 3.85 ng
RT: 18.385 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:149 Resp: 68523
Ion Ratio Lower Upper
149 100
150 8.1 8.2 12.4#
104 6.0 3.8 5.8#





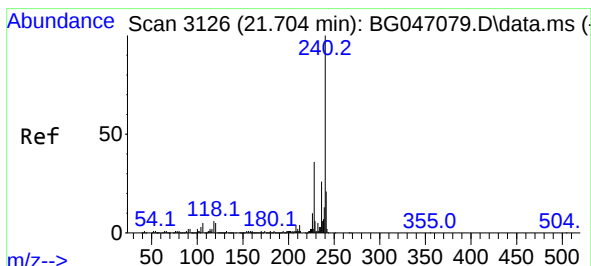
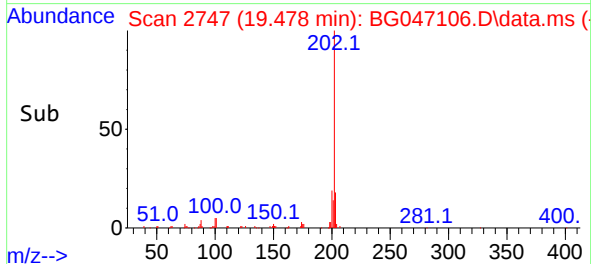
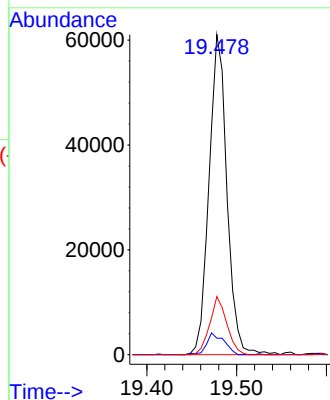
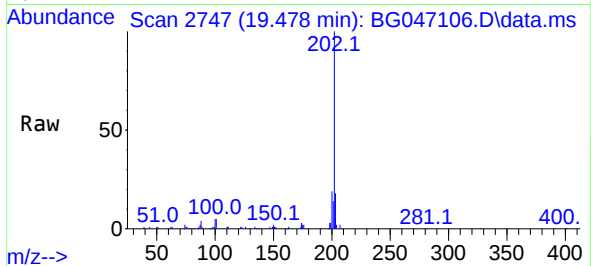
#75
Fluoranthene
Concen: 3.98 ng
RT: 19.478 min Scan# 2747
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:202 Resp: 84534
Ion Ratio Lower Upper
202 100
101 5.2 0.0 29.7
203 18.1 0.0 39.2

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

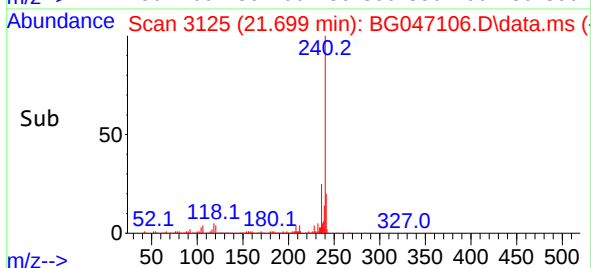
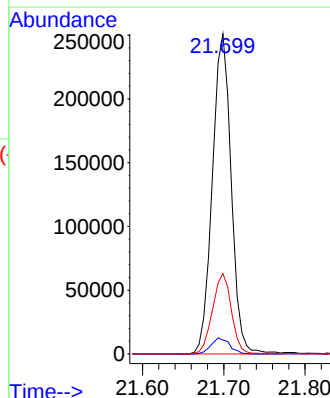
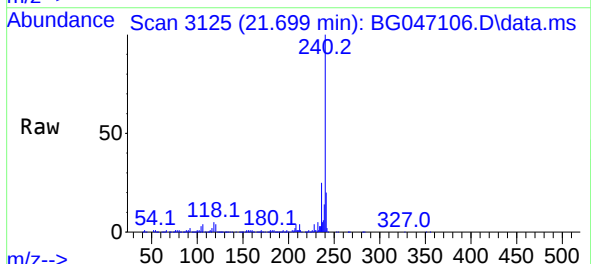
Manual Integrations
APPROVED

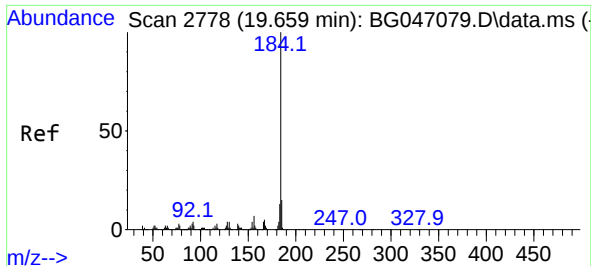
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.699 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:240 Resp: 404107
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 25.1 20.5 30.7





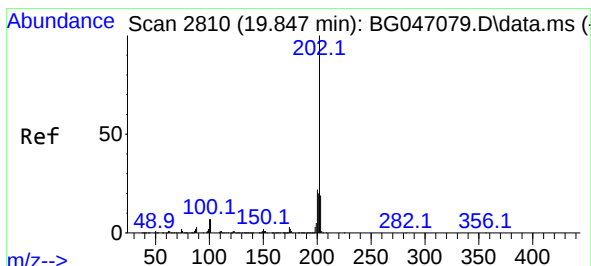
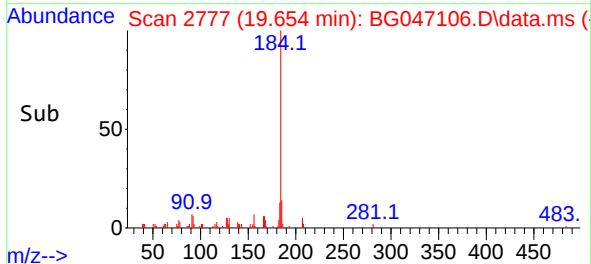
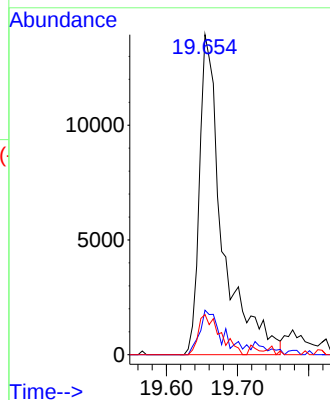
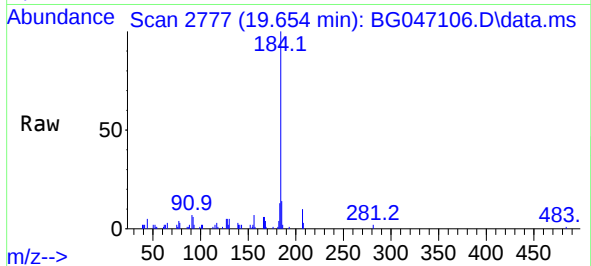
#77
Benzidine
Concen: 3.41 ng
RT: 19.654 min Scan# 2777
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	184	Resp:	31532
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.4	18.6
183	12.5	10.6	15.8

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

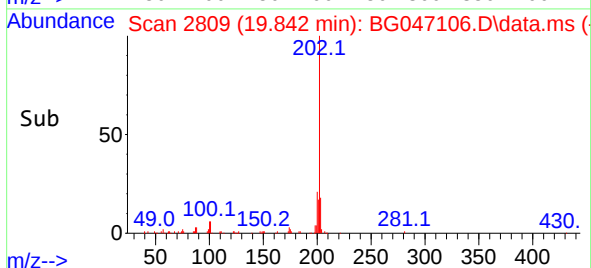
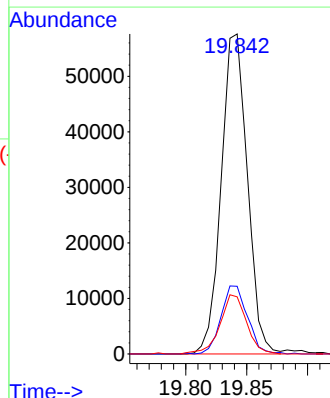
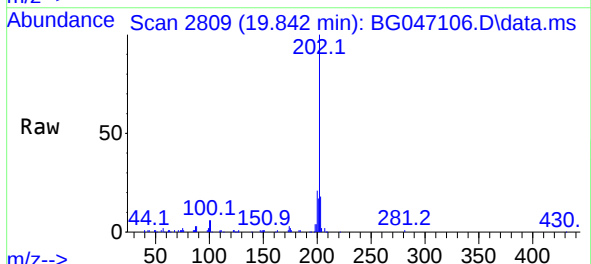
Manual Integrations
APPROVED

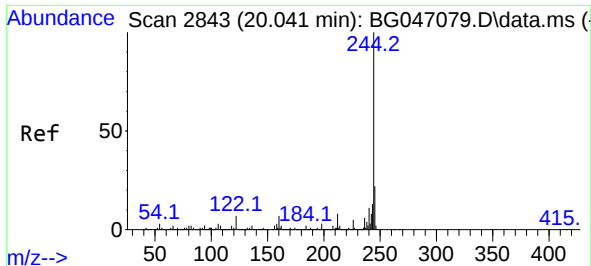
mohammad
10/29/2020 10:43:48 AM



#78
Pyrene
Concen: 3.34 ng
RT: 19.842 min Scan# 2809
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

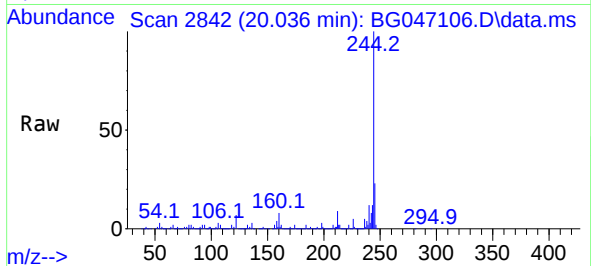
Tgt Ion:	202	Resp:	85974
Ion Ratio	Lower	Upper	
202	100		
200	21.1	18.6	27.8
203	17.9	15.3	22.9





#79
Terphenyl-d14
Concen: 90.52 ng
RT: 20.036 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

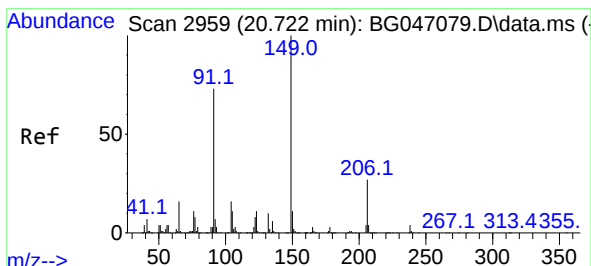
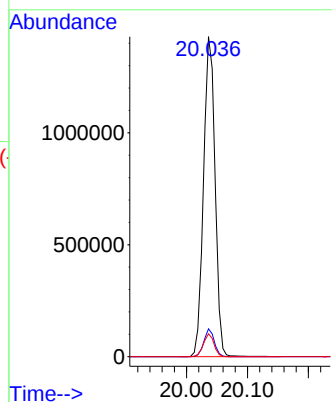
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



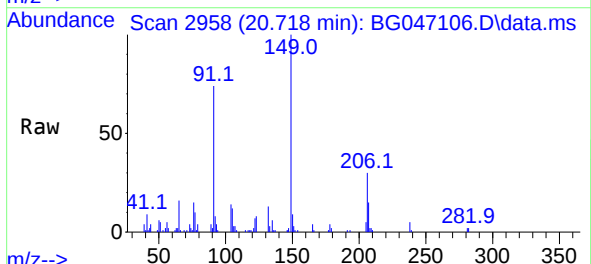
Tgt Ion:244 Resp: 1881320
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 7.2 7.8 11.6#

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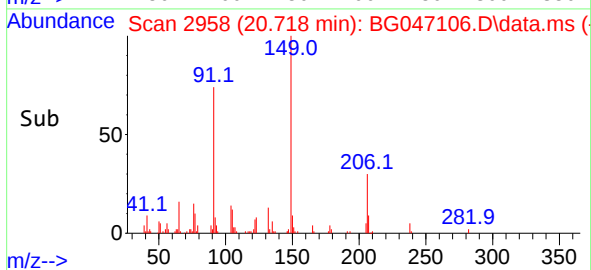
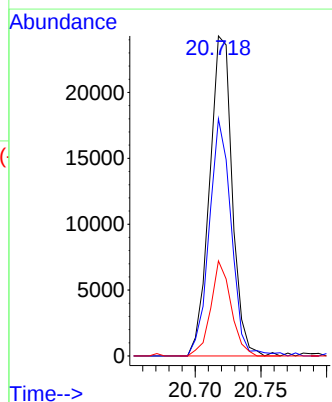
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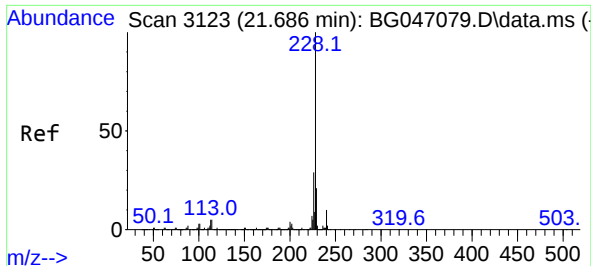


#80
Butylbenzylphthalate
Concen: 2.96 ng
RT: 20.718 min Scan# 2958
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:149 Resp: 29199
Ion Ratio Lower Upper
149 100
91 74.1 51.5 77.3
206 29.7 21.2 31.8





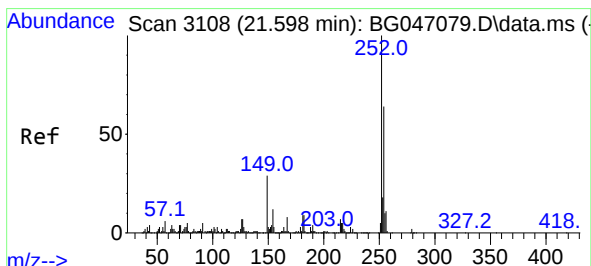
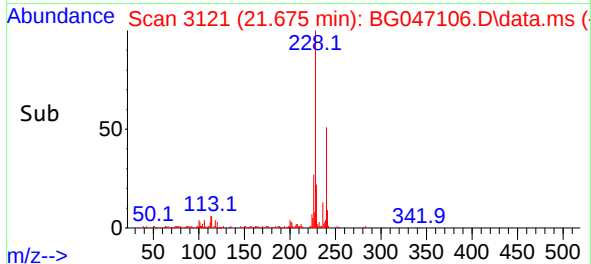
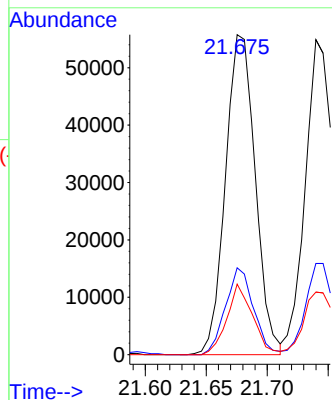
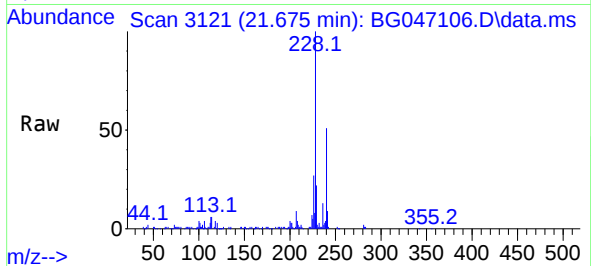
#81
Benzo(a)anthracene
Concen: 3.59 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:228 Resp: 95078
Ion Ratio Lower Upper
228 100
226 27.1 23.3 34.9
229 22.1 17.4 26.0

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

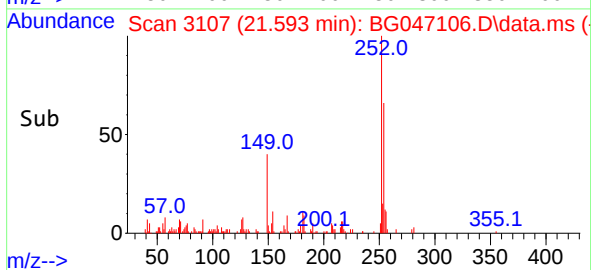
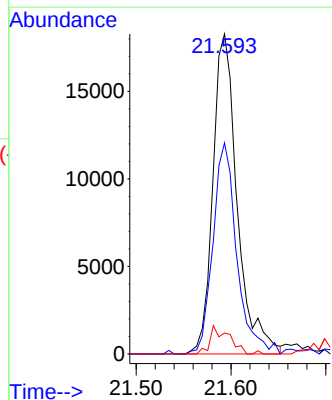
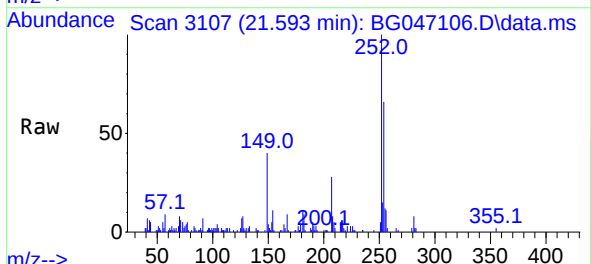
Manual Integrations
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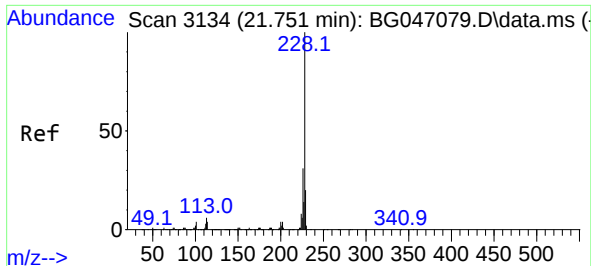
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#82
3,3'-Dichlorobenzidine
Concen: 3.39 ng
RT: 21.593 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:252 Resp: 32564
Ion Ratio Lower Upper
252 100
254 65.9 53.2 79.8
126 6.6 6.8 10.2#





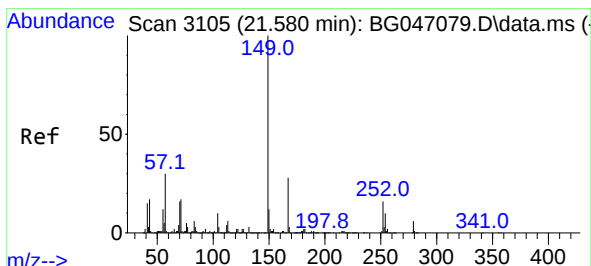
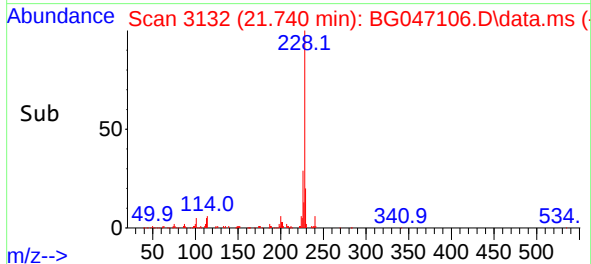
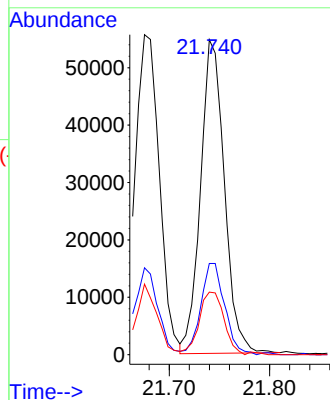
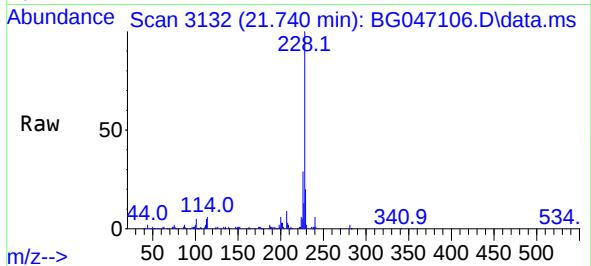
#83
Chrysene
Concen: 3.59 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	228	Resp:	90378
Ion Ratio	Lower	Upper	
228	100		
226	28.9	25.0	37.4
229	19.9	17.3	25.9

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

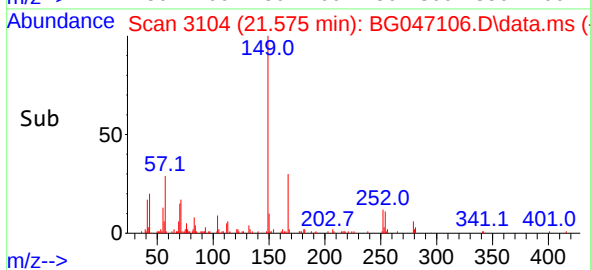
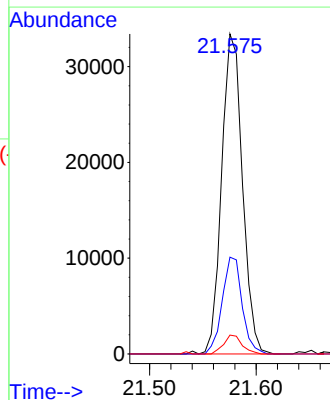
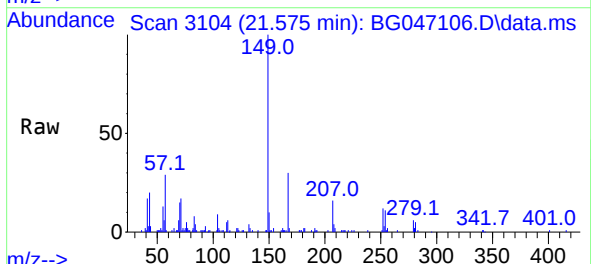
Manual Integrations
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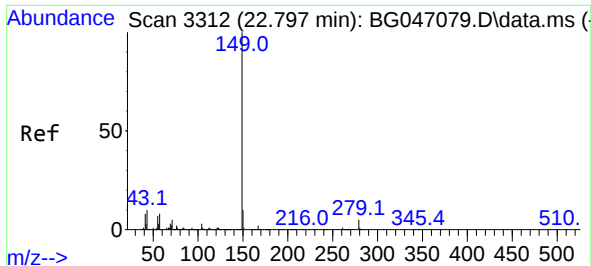
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.24 ng
RT: 21.575 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

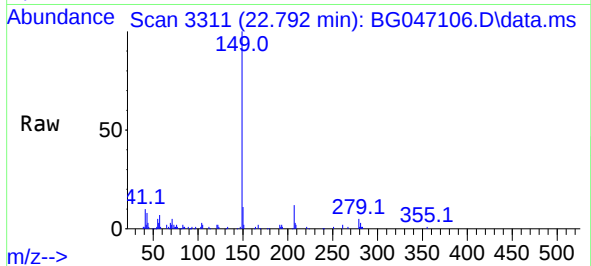
Tgt Ion:	149	Resp:	45147
Ion Ratio	Lower	Upper	
149	100		
167	30.3	24.8	37.2
279	5.9	4.6	7.0





#85
Di-n-octyl phthalate
Concen: 3.23 ng
RT: 22.792 min Scan# 3311
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

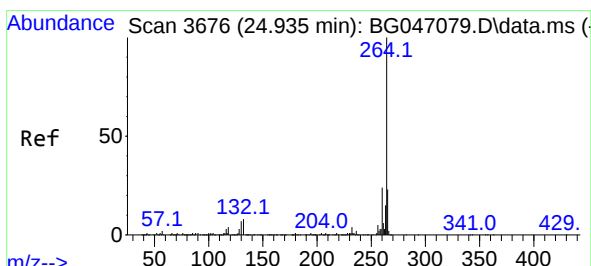
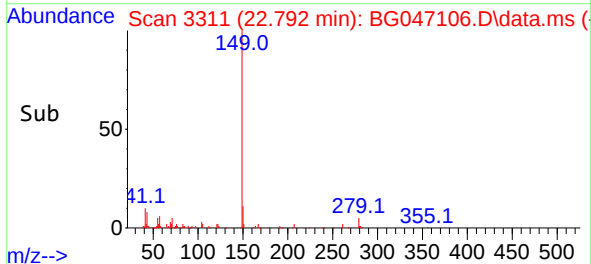
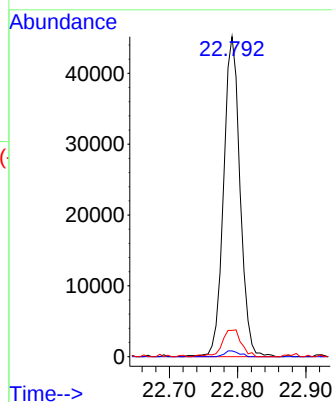
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



Tgt Ion:149 Resp: 75627
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 9.9 6.8 10.2

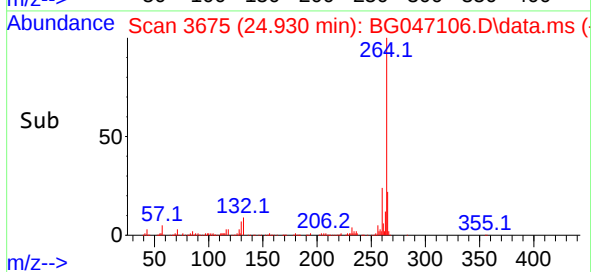
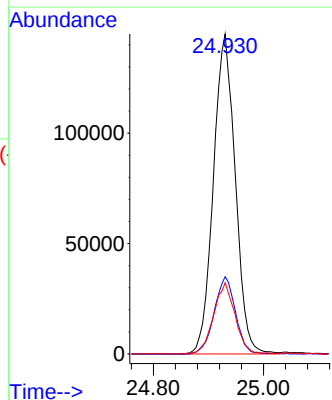
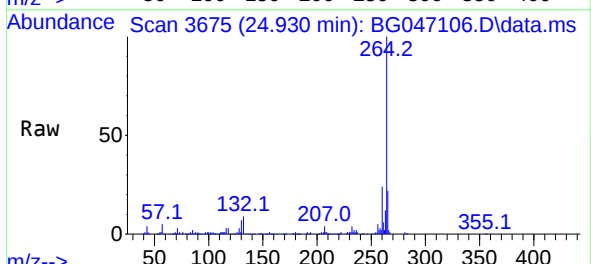
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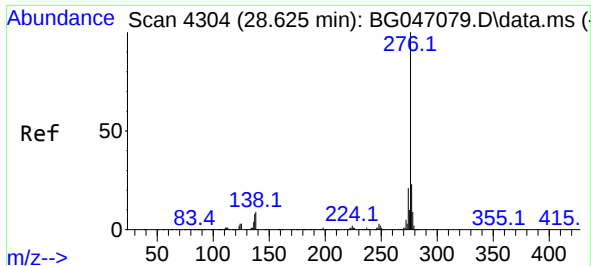
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

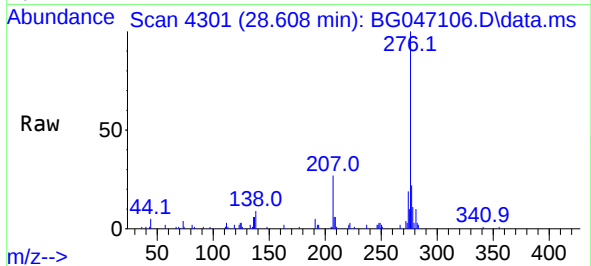
Tgt Ion:264 Resp: 399991
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.2 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.43 ng
RT: 28.608 min Scan# 4301
Delta R.T. -0.017 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

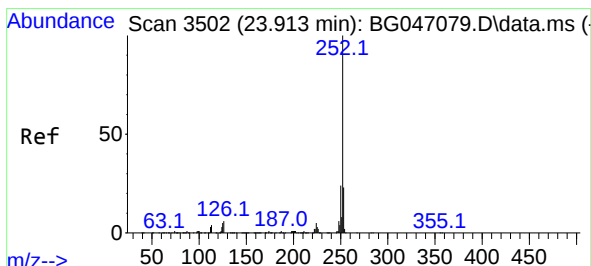
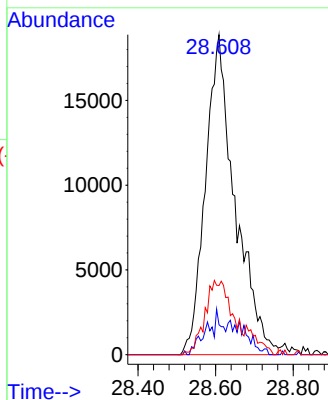
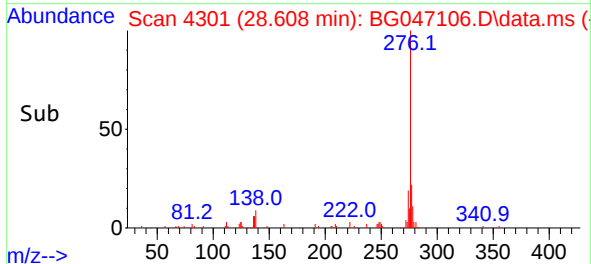
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



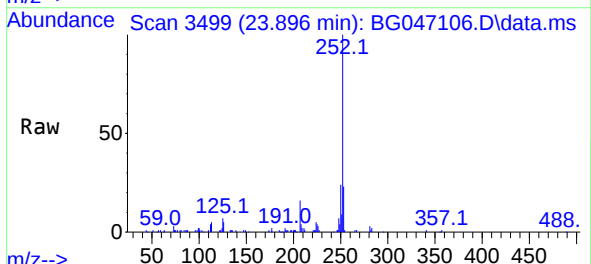
Tgt Ion:276 Resp: 100274
Ion Ratio Lower Upper
276 100
138 1.6 16.2 24.2#
277 21.2 20.3 30.5

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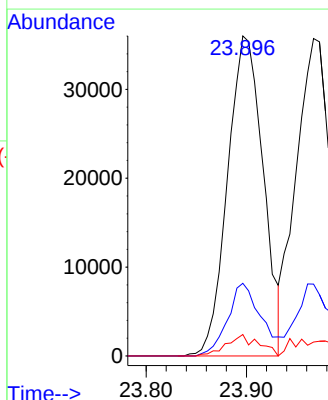
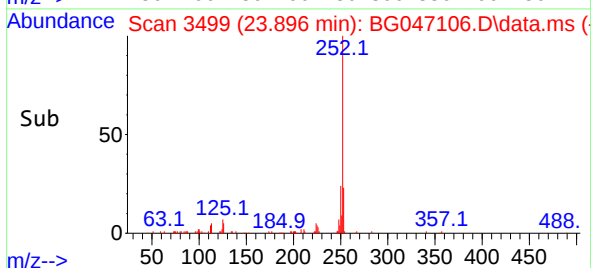
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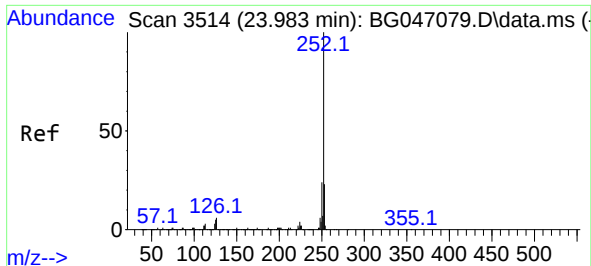


#88
Benzo(b)fluoranthene
Concen: 3.40 ng
RT: 23.896 min Scan# 3499
Delta R.T. -0.017 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:252 Resp: 88821
Ion Ratio Lower Upper
252 100
253 22.7 18.7 28.1
125 6.7 6.5 9.7





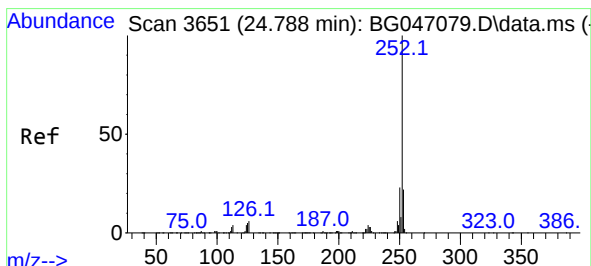
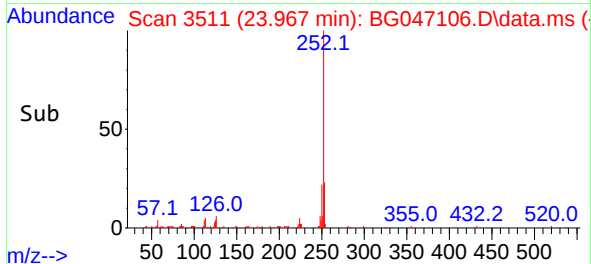
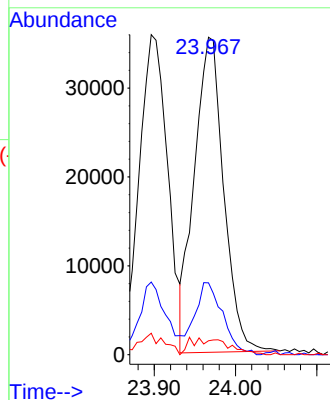
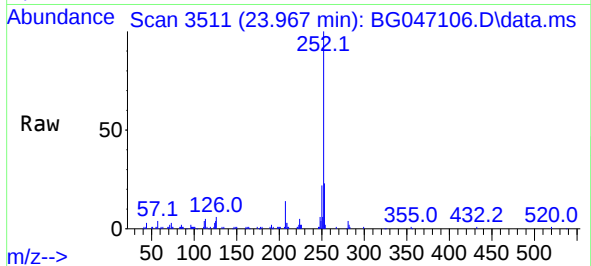
#89
Benzo(k)fluoranthene
Concen: 3.51 ng
RT: 23.967 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

Tgt Ion:	252	Resp:	89115
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.6	27.8
125	4.4	6.8	10.2#

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

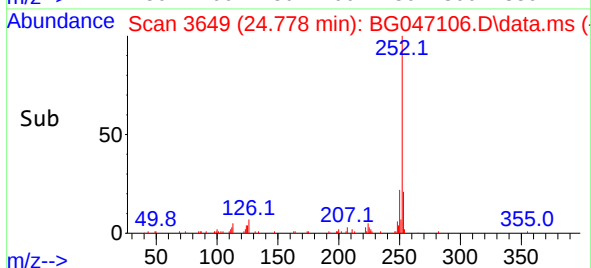
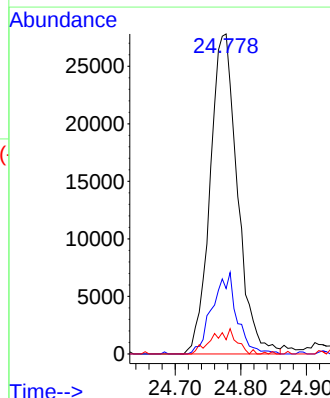
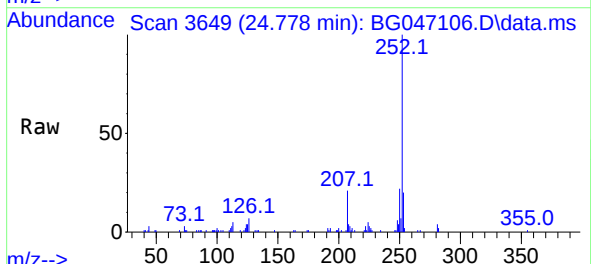
Manual Integrations
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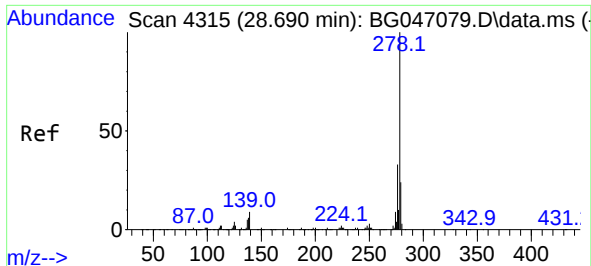
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#90
Benzo(a)pyrene
Concen: 3.29 ng
RT: 24.778 min Scan# 3649
Delta R.T. -0.011 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

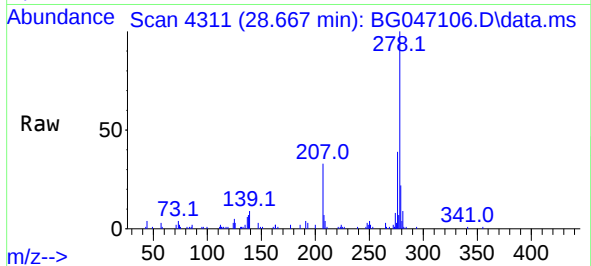
Tgt Ion:	252	Resp:	80371
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.9	26.9
125	4.5	7.0	10.4#





#91
Dibenzo(a,h)anthracene
Concen: 3.44 ng
RT: 28.667 min Scan# 4311
Delta R.T. -0.022 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25

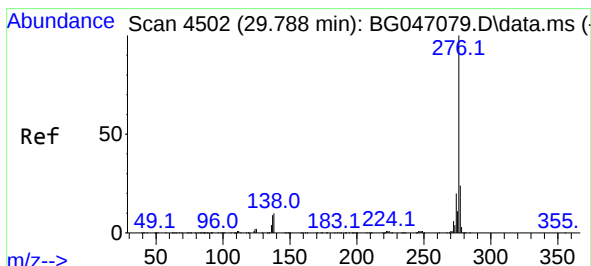
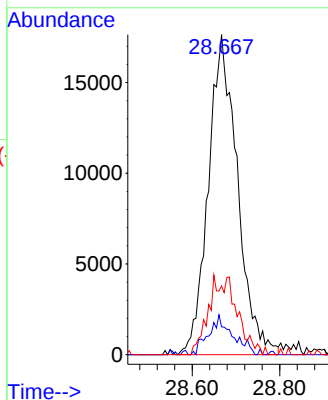
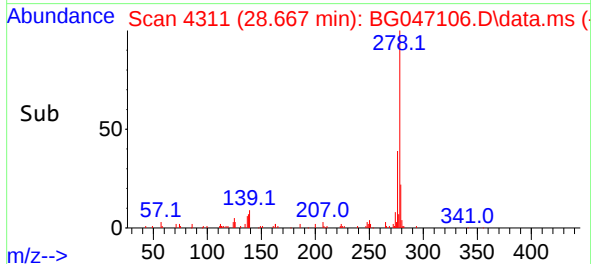
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2020



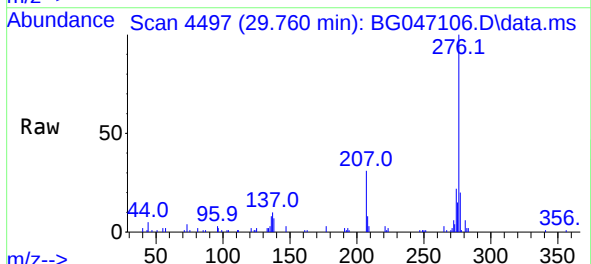
Tgt Ion:278 Resp: 81483
Ion Ratio Lower Upper
278 100
139 8.7 10.5 15.7#
279 21.5 19.4 29.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.41 ng
RT: 29.760 min Scan# 4497
Delta R.T. -0.028 min
Lab File: BG047106.D
Acq: 28 Oct 2020 13:25



Tgt Ion:276 Resp: 80482
Ion Ratio Lower Upper
276 100
277 20.0 19.6 29.4
138 6.6 13.4 20.2#

