

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
 Data File : BG047093.D
 Acq On : 27 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Manual Integrations
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mohammad
 10/28/2020 8:06:00 AM

Quant Time: Oct 27 14:17:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 12:36:22 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	38406	20.00	ng	0.00
21) Naphthalene-d8	10.870	136	145746	20.00	ng	0.00
39) Acenaphthene-d10	14.689	164	112294	20.00	ng	0.00
64) Phenanthrene-d10	17.432	188	284851	20.00	ng	# 0.00
76) Chrysene-d12	21.698	240	326314	20.00	ng	# 0.00
86) Perylene-d12	24.924	264	320655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	317923	146.74	ng	0.00
7) Phenol-d6	7.209	99	441697	140.98	ng	0.00
23) Nitrobenzene-d5	9.219	82	323966	106.45	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	272607	151.45	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	842182	106.03	ng	0.00
79) Terphenyl-d14	20.035	244	1751259	104.35	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.502	88	5973	6.10	ng	94
3) Pyridine	3.901	79	12095	4.55	ng	99
4) n-Nitrosodimethylamine	3.813	42	7114	5.05	ng	# 69
6) Aniline	7.374	93	19611	5.30	ng	93
8) 2-Chlorophenol	7.620	128	11544	5.01	ng	94
9) Benzaldehyde	7.192	77	12269	6.99	ng	95
10) Phenol	7.233	94	15744	5.32	ng	# 61
11) bis(2-Chloroethyl)ether	7.468	93	11649	5.00	ng	91
12) 1,3-Dichlorobenzene	7.944	146	14948	5.09	ng	96
13) 1,4-Dichlorobenzene	8.090	146	14667	4.95	ng	90
14) 1,2-Dichlorobenzene	8.414	146	13721	4.88	ng	90
15) Benzyl Alcohol	8.290	79	11765	4.82	ng	# 72
16) 2,2'-oxybis(1-Chloropr...	8.572	45	16766	4.55	ng	90
17) 2-Methylphenol	8.490	107	9860	4.85	ng	# 80
18) Hexachloroethane	9.142	117	5618	5.06	ng	# 82
19) n-Nitroso-di-n-propyla...	8.854	70	11053	5.18	ng	# 92
20) 3+4-Methylphenols	8.819	107	13083	4.77	ng	91
22) Acetophenone	8.872	105	20493	5.22	ng	# 92
24) Nitrobenzene	9.260	77	16948	5.36	ng	# 86
25) Isophorone	9.783	82	29477	5.42	ng	# 92
26) 2-Nitrophenol	9.976	139	6401	4.67	ng	# 86
27) 2,4-Dimethylphenol	10.029	122	10945	5.84	ng	90
28) bis(2-Chloroethoxy)met...	10.264	93	17027	5.07	ng	97
29) 2,4-Dichlorophenol	10.517	162	12759	4.95	ng	100
30) 1,2,4-Trichlorobenzene	10.729	180	16179	5.09	ng	93
31) Naphthalene	10.911	128	40896	5.36	ng	# 93
33) 4-Chloroaniline	11.028	127	16160	4.87	ng	# 88
34) Hexachlorobutadiene	11.210	225	12097	5.08	ng	# 81
35) Caprolactam	11.769	113	3972	4.63	ng	95
36) 4-Chloro-3-methylphenol	12.133	107	14129	5.28	ng	# 80
37) 2-Methylnaphthalene	12.521	142	31246	5.28	ng	# 81
38) 1-Methylnaphthalene	12.738	142	29684m	5.29	ng	
40) 1,2,4,5-Tetrachloroben...	12.885	216	22059	5.38	ng	97
41) Hexachlorocyclopentadiene	12.867	237	10789	4.81	ng	95
43) 2,4,6-Trichlorophenol	13.114	196	12093	4.52	ng	# 89
44) 2,4,5-Trichlorophenol	13.196	196	12966	4.77	ng	98

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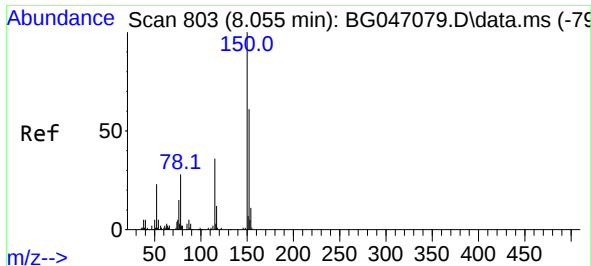
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.519	154	44884	5.28	ng	97
47) 2-Chloronaphthalene	13.566	162	34568	4.94	ng	93
48) 2-Nitroaniline	13.766	65	9012	3.95	ng #	81
49) Acenaphthylene	14.407	152	51513	5.07	ng	98
50) Dimethylphthalate	14.130	163	47372	5.12	ng	98
51) 2,6-Dinitrotoluene	14.254	165	9349	4.85	ng #	77
52) Acenaphthene	14.747	154	33592	5.07	ng	97
53) 3-Nitroaniline	14.577	138	8528	4.45	ng	93
54) 2,4-Dinitrophenol	14.800	184	3435	2.70	ng #	84
55) Dibenzofuran	15.082	168	57328	5.38	ng	96
56) 4-Nitrophenol	14.883	139	6971	4.65	ng	90
57) 2,4-Dinitrotoluene	15.041	165	13335	4.81	ng #	84
58) Fluorene	15.729	166	46079	5.36	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.306	232	14127m	4.90	ng	
60) Diethylphthalate	15.494	149	46885	5.09	ng	98
61) 4-Chlorophenyl-phenyle...	15.723	204	26772	5.22	ng	98
62) 4-Nitroaniline	15.740	138	8489m	4.12	ng	
63) Azobenzene	16.016	77	44834	5.47	ng	88
65) 4,6-Dinitro-2-methylph...	15.805	198	7791	4.45	ng	92
66) n-Nitrosodiphenylamine	15.934	169	41241	5.05	ng	98
67) 4-Bromophenyl-phenylether	16.616	248	18241	4.87	ng	98
68) Hexachlorobenzene	16.733	284	19839	5.02	ng	95
69) Atrazine	16.874	200	16471	4.90	ng	88
70) Pentachlorophenol	17.080	266	7968	3.46	ng #	88
71) Phenanthrene	17.474	178	81210	5.34	ng	92
72) Anthracene	17.562	178	82451	5.53	ng	95
73) Carbazole	17.832	167	68560	5.17	ng	97
74) Di-n-butylphthalate	18.384	149	83111	5.07	ng #	98
75) Fluoranthene	19.477	202	104217	5.33	ng	92
77) Benzidine	19.659	184	42404	5.69	ng #	92
78) Pyrene	19.841	202	106978	5.14	ng	95
80) Butylbenzylphthalate	20.717	149	34813	4.37	ng	93
81) Benzo(a)anthracene	21.680	228	111711	5.23	ng	94
82) 3,3'-Dichlorobenzidine	21.592	252	41982	5.41	ng #	94
83) Chrysene	21.745	228	108779	5.34	ng	96
84) Bis(2-ethylhexyl)phtha...	21.575	149	51021	4.54	ng #	99
85) Di-n-octyl phthalate	22.791	149	88847	4.70	ng #	98
87) Indeno(1,2,3-cd)pyrene	28.596	276	109296	4.67	ng #	83
88) Benzo(b)fluoranthene	23.895	252	103532	4.94	ng #	96
89) Benzo(k)fluoranthene	23.966	252	107846	5.30	ng #	89
90) Benzo(a)pyrene	24.771	252	92844	4.74	ng #	93
91) Dibenzo(a,h)anthracene	28.672	278	93371	4.91	ng #	94
92) Benzo(g,h,i)perylene	29.747	276	97598	5.16	ng #	93

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



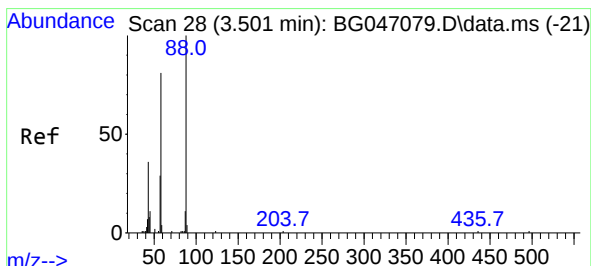
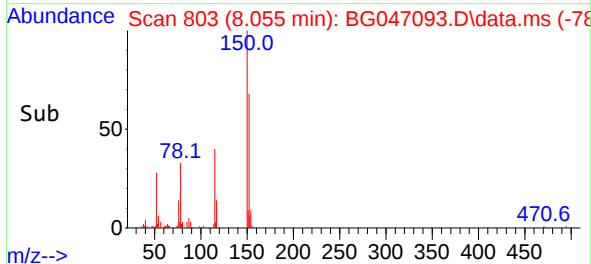
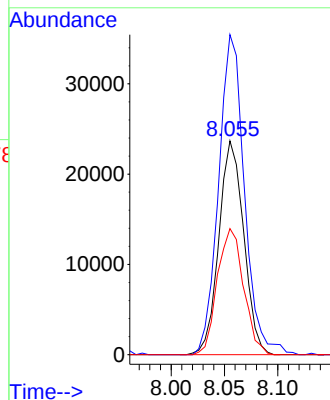
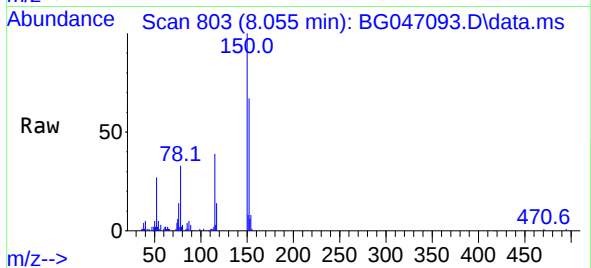
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.055 min Scan# 803
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	152	Resp:	38406
Ion Ratio	Lower	Upper	
152	100		
150	149.6	125.0	187.6
115	58.9	41.8	62.6

Instrument :
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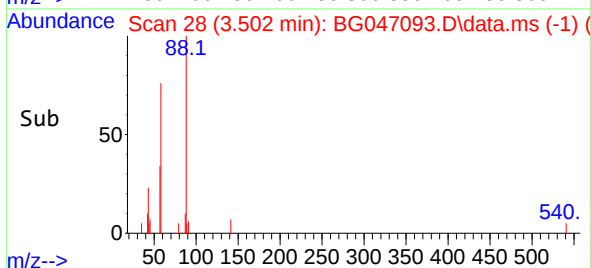
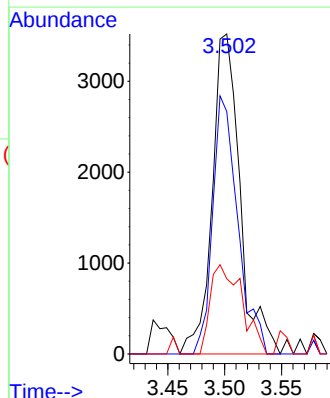
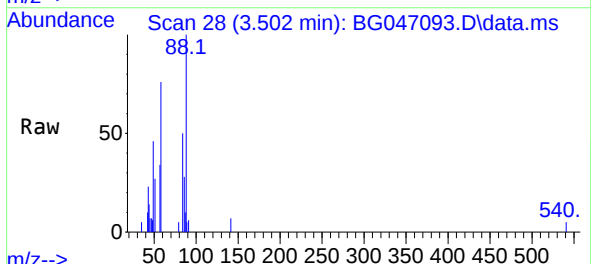
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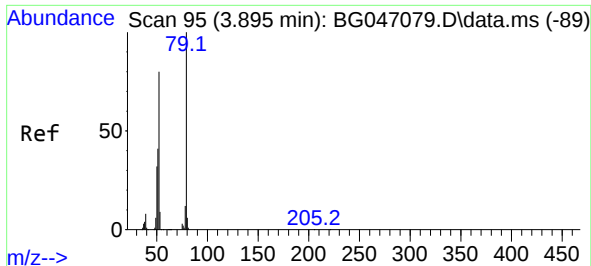
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#2
1,4-Dioxane
Concen: 6.10 ng
RT: 3.502 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	88	Resp:	5973
Ion Ratio	Lower	Upper	
88	100		
58	72.8	61.6	92.4
43	31.8	21.3	31.9





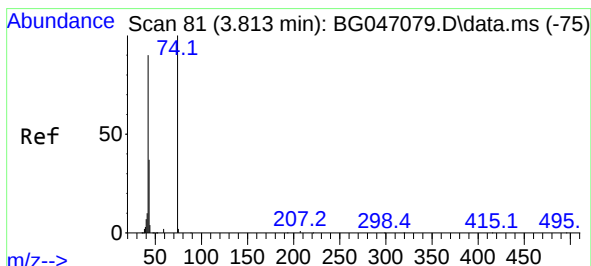
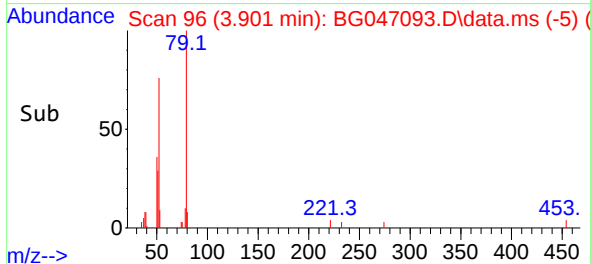
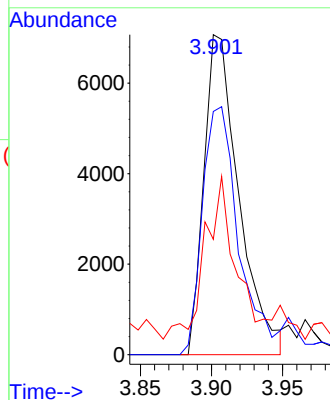
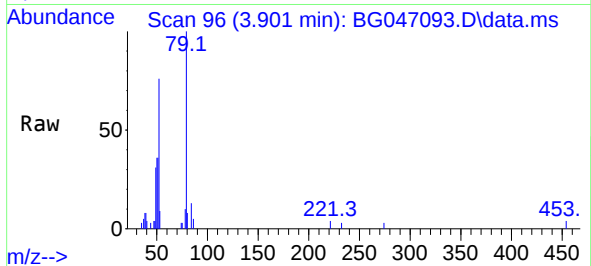
#3
Pyridine
Concen: 4.55 ng
RT: 3.901 min Scan# 96
Delta R.T. 0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 79 Resp: 12095
Ion Ratio Lower Upper
79 100
52 76.0 61.3 91.9
51 36.1 28.4 42.6

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

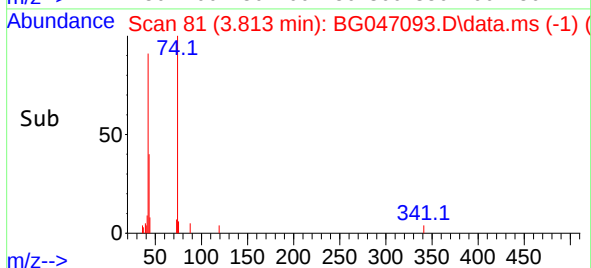
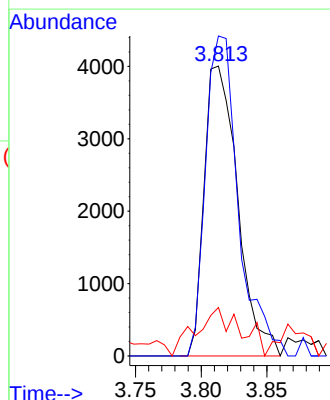
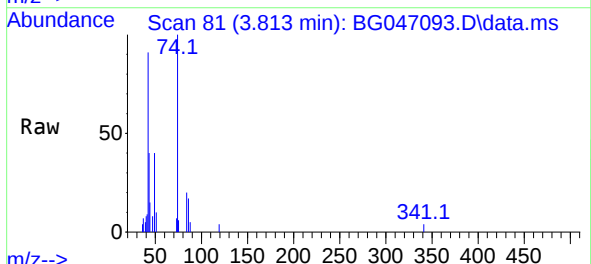
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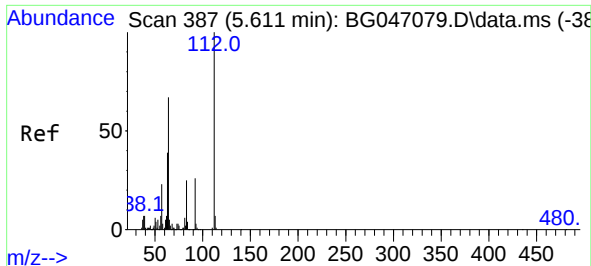
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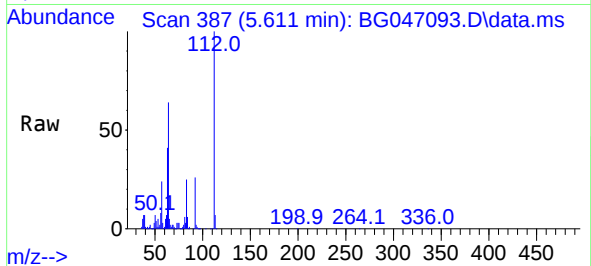
#4
n-Nitrosodimethylamine
Concen: 5.05 ng
RT: 3.813 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 42 Resp: 7114
Ion Ratio Lower Upper
42 100
74 110.4 120.4 180.6#
44 16.7 6.2 9.2#

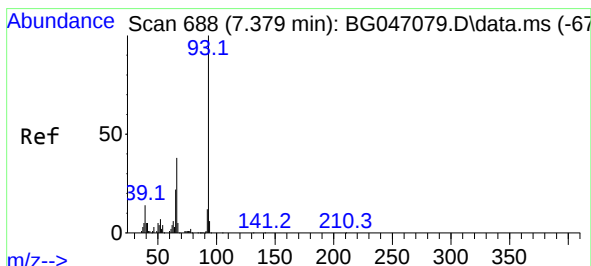
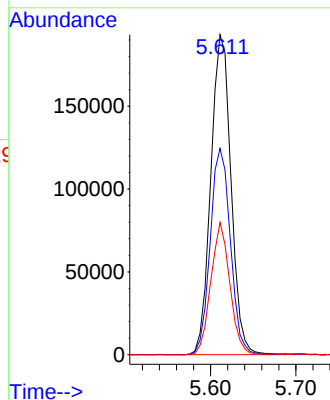
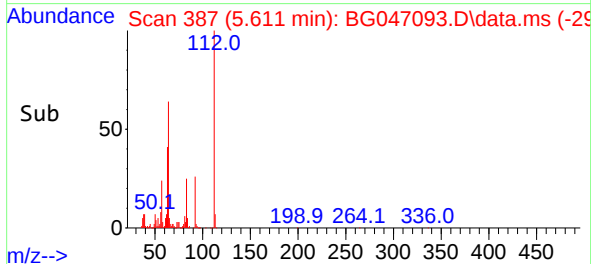




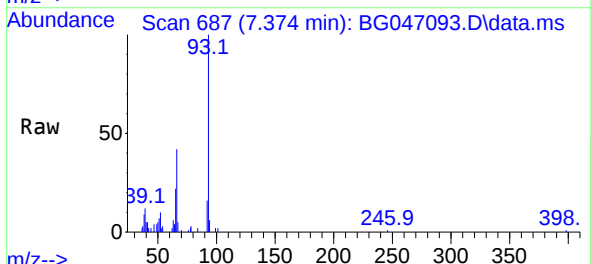
#5
2-Fluorophenol
Concen: 146.74 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



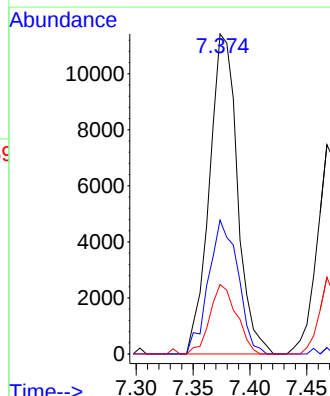
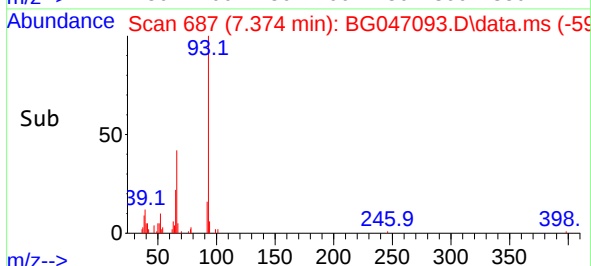
Tgt Ion: 112 Resp: 317923
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 41.3 22.8 34.2#



#6
Aniline
Concen: 5.30 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



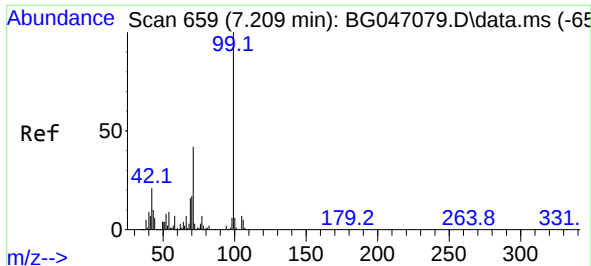
Tgt Ion: 93 Resp: 19611
Ion Ratio Lower Upper
93 100
66 41.8 29.5 44.3
65 21.7 15.5 23.3



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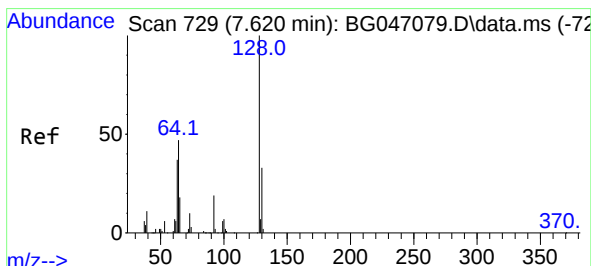
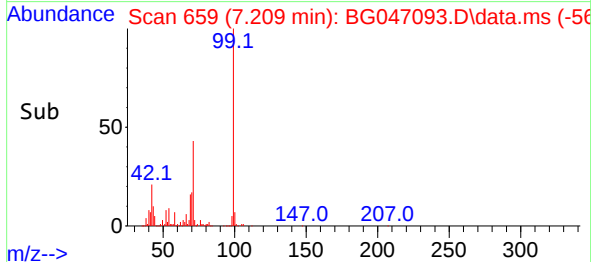
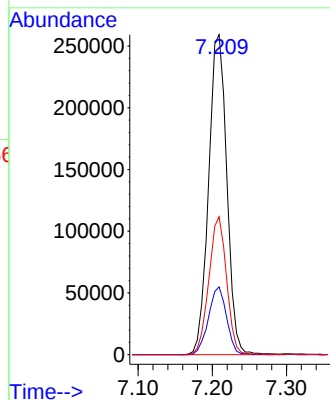
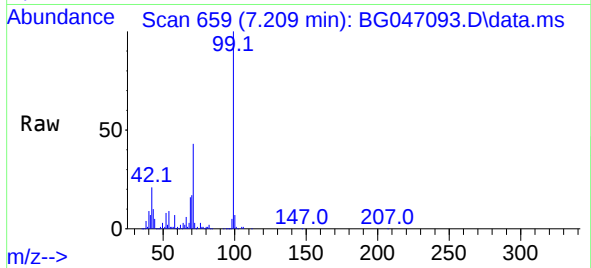
#7
Phenol-d6
Concen: 140.98 ng
RT: 7.209 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 99 Resp: 441697
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 43.1 24.6 36.8#

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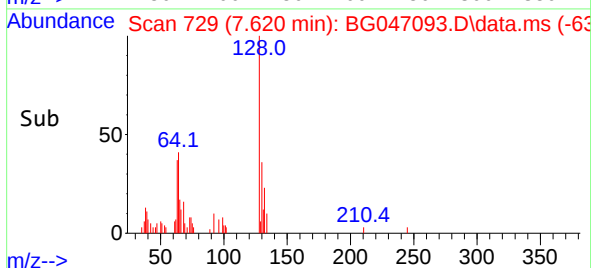
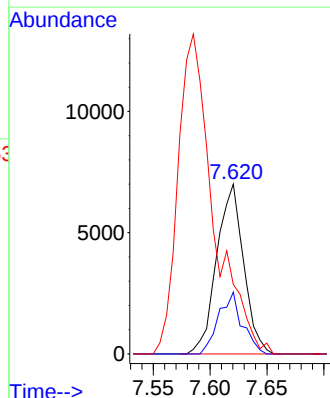
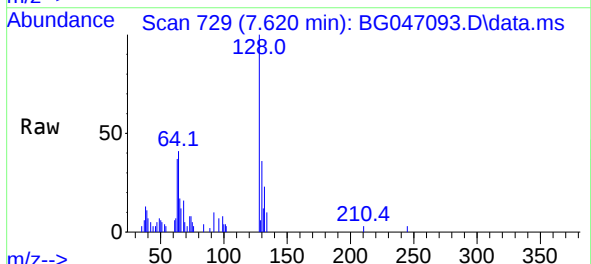
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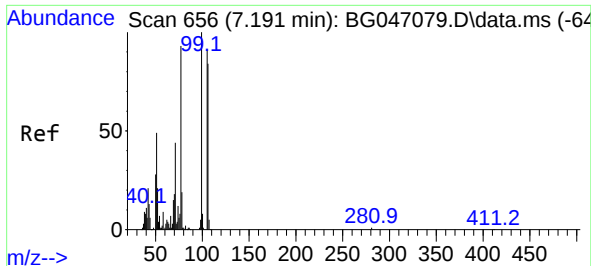
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#8
2-Chlorophenol
Concen: 5.01 ng
RT: 7.620 min Scan# 729
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 128 Resp: 11544
Ion Ratio Lower Upper
128 100
130 36.3 12.6 52.6
64 40.9 24.8 64.8





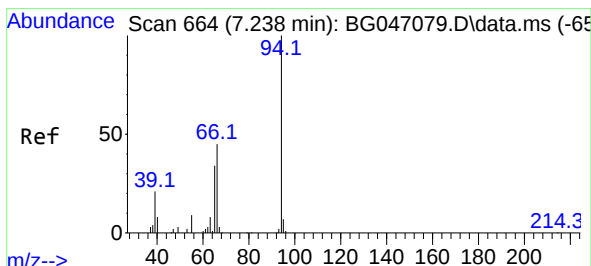
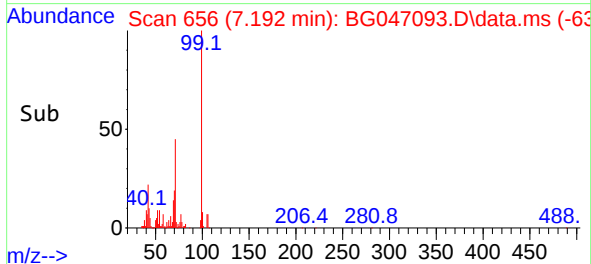
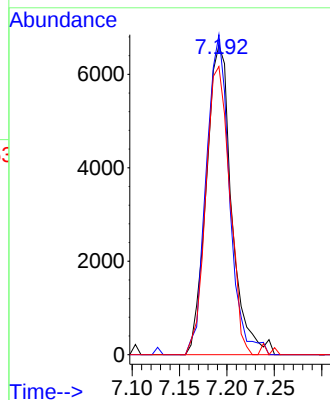
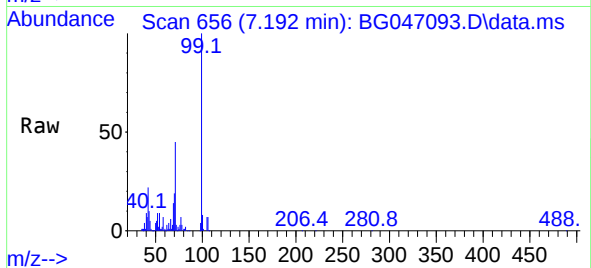
#9
Benzaldehyde
Concen: 6.99 ng
RT: 7.192 min Scan# 656
Delta R.T. 0.001 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 77 Resp: 12269
Ion Ratio Lower Upper
77 100
105 103.4 85.9 125.9
106 93.1 80.9 120.9

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LOQ-SOIL-02-QT4-2020

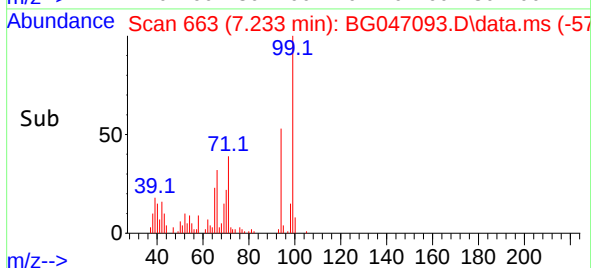
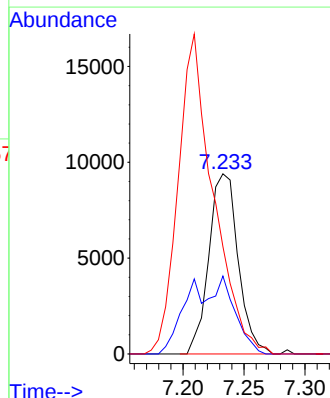
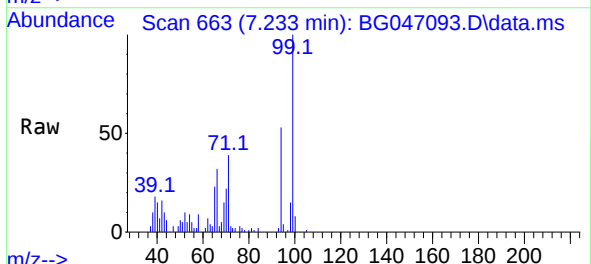
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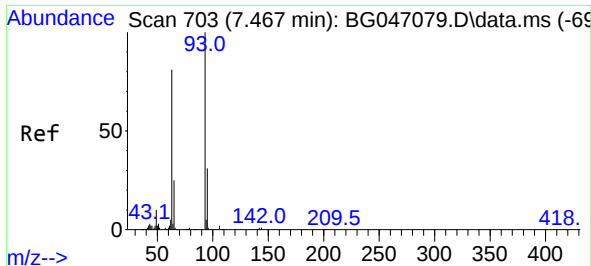
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#10
Phenol
Concen: 5.32 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

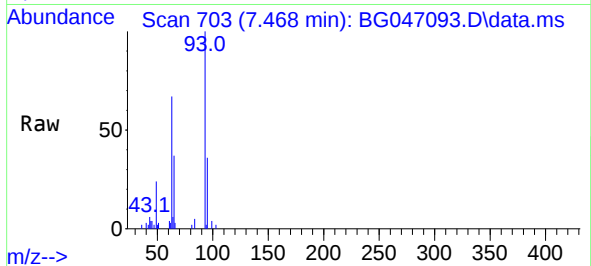
Tgt Ion: 94 Resp: 15744
Ion Ratio Lower Upper
94 100
65 43.3 6.6 46.6
66 59.6 13.9 53.9#





#11
bis(2-Chloroethyl)ether
Concen: 5.00 ng
RT: 7.468 min Scan# 703
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

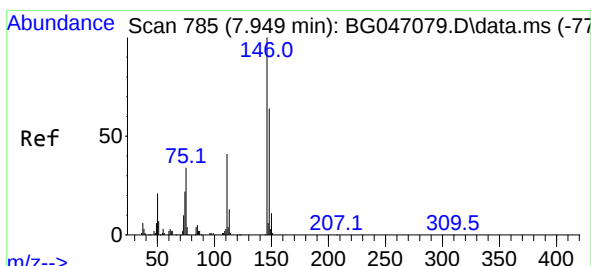
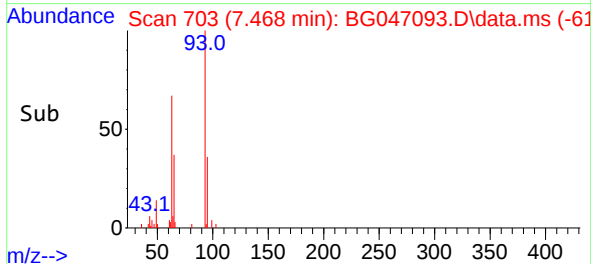
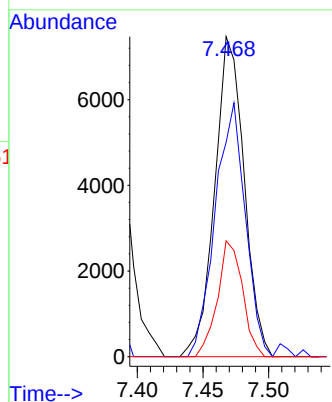


Tgt Ion: 93 Resp: 11649

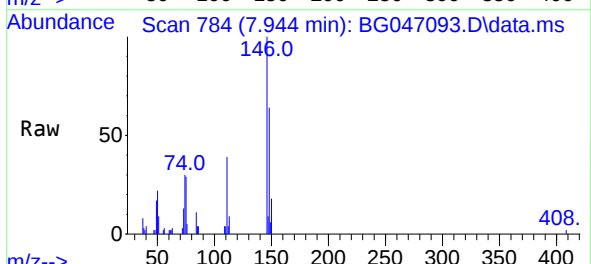
Ion	Ratio	Lower	Upper
93	100		
63	67.0	56.4	96.4
95	36.2	13.8	53.8

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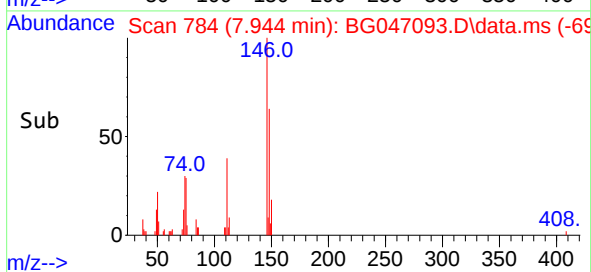
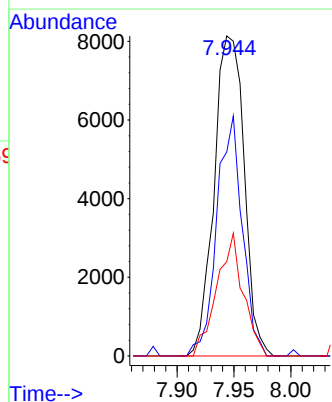


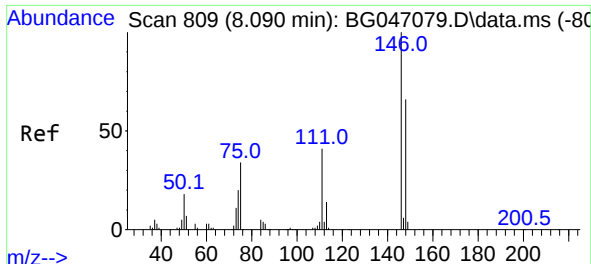
#12
1,3-Dichlorobenzene
Concen: 5.09 ng
RT: 7.944 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion: 146 Resp: 14948

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.1	75.1
75	29.5	20.1	30.1





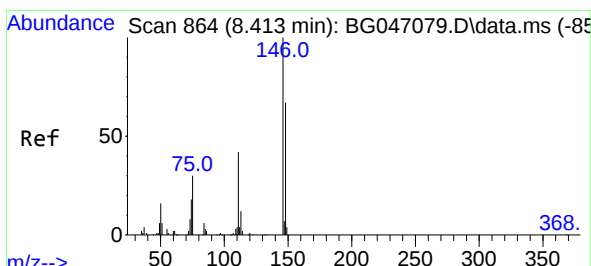
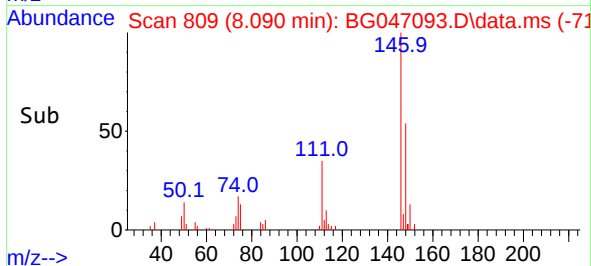
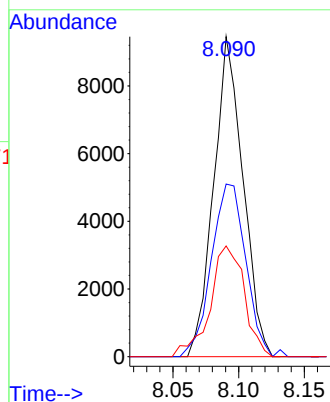
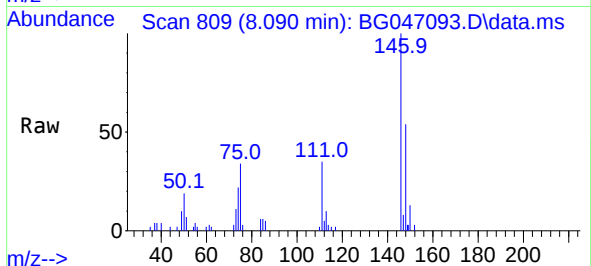
#13
1,4-Dichlorobenzene
Concen: 4.95 ng
RT: 8.090 min Scan# 809
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	146	Resp:	14667
Ion Ratio	Lower	Upper	
146	100		
148	54.0	51.1	76.7
111	34.6	29.7	44.5

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

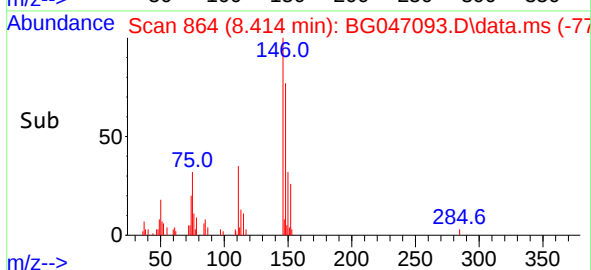
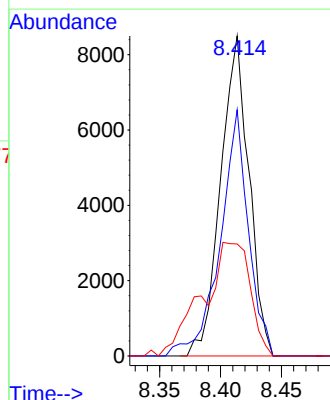
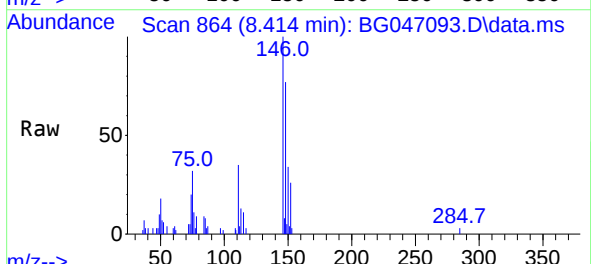
Manual Integrations
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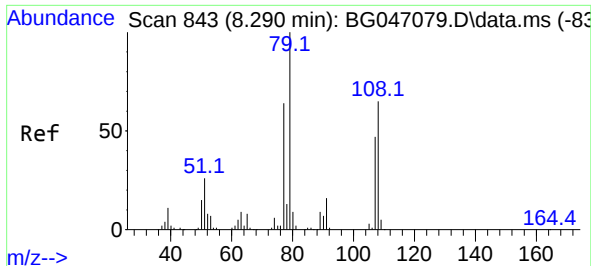
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#14
1,2-Dichlorobenzene
Concen: 4.88 ng
RT: 8.414 min Scan# 864
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

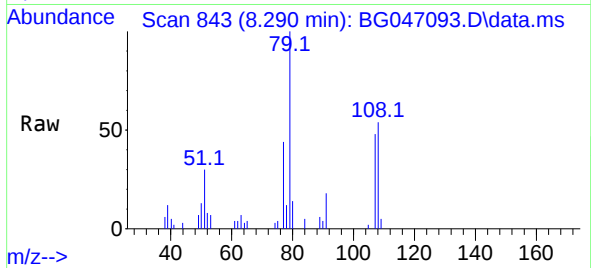
Tgt Ion:	146	Resp:	13721
Ion Ratio	Lower	Upper	
146	100		
148	76.9	53.0	79.6
111	35.0	30.7	46.1





#15
Benzyl Alcohol
Concen: 4.82 ng
RT: 8.290 min Scan# 843
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

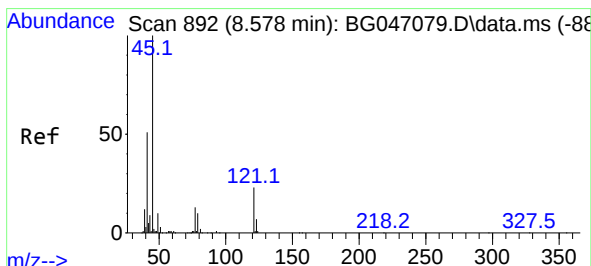
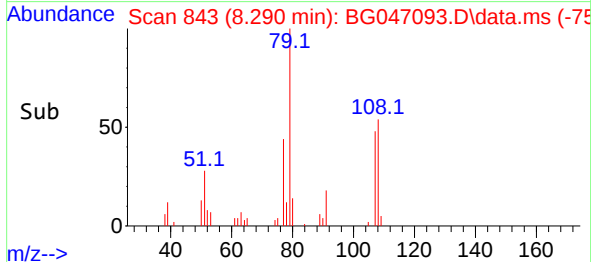
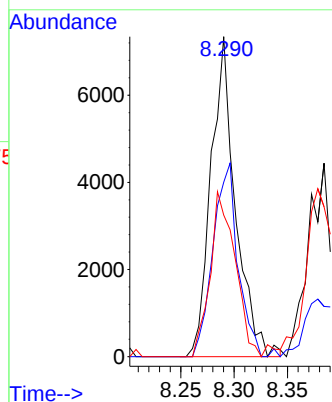
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion: 79 Resp: 11765
Ion Ratio Lower Upper
79 100
108 54.5 65.5 98.3#
77 44.3 50.1 75.1#

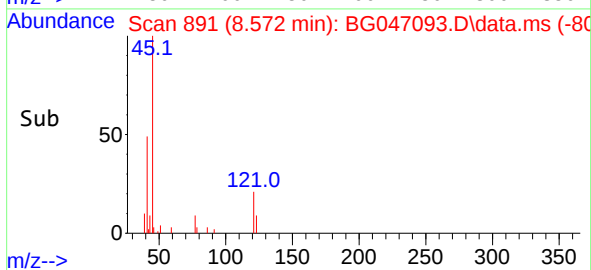
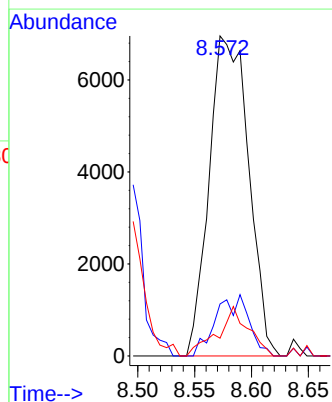
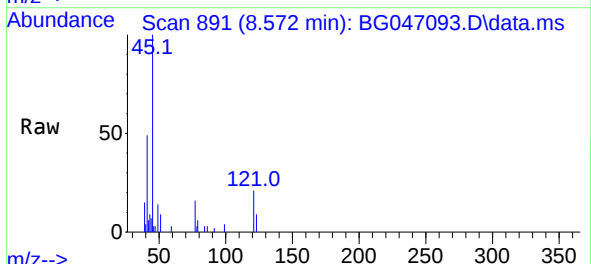
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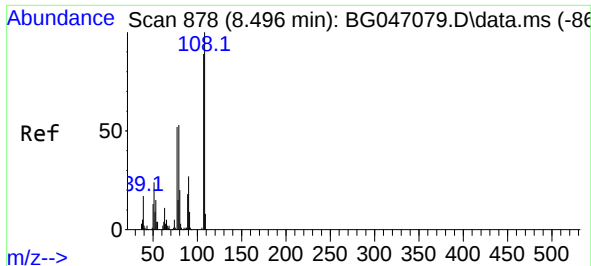
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.55 ng
RT: 8.572 min Scan# 891
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 45 Resp: 16766
Ion Ratio Lower Upper
45 100
77 16.3 0.0 33.4
79 5.5 0.0 30.8





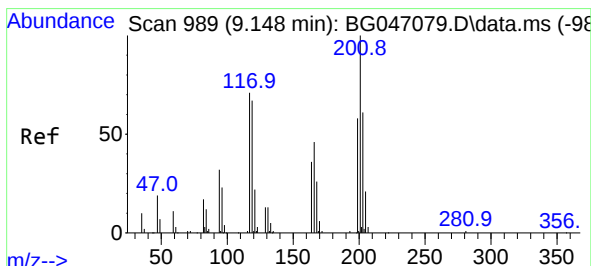
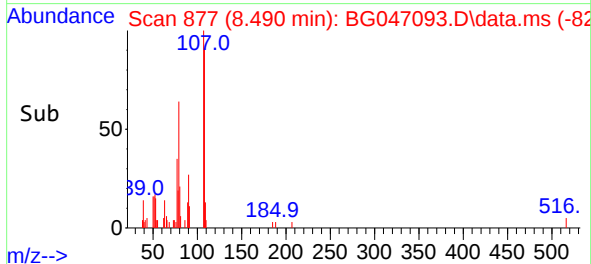
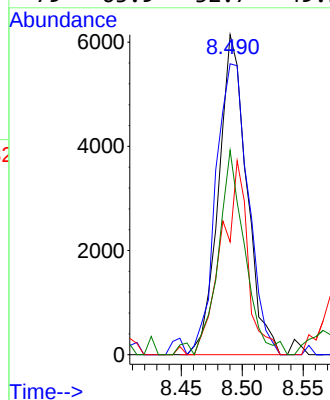
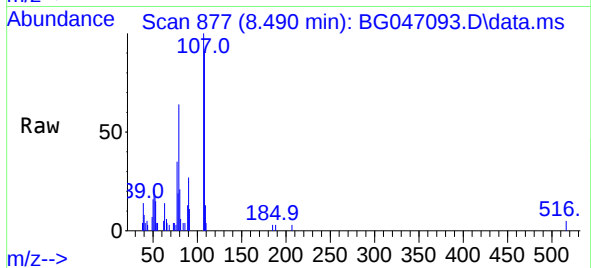
#17
2-Methylphenol
Concen: 4.85 ng
RT: 8.490 min Scan# 877
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	107	Resp:	9860
Ion	Ratio	Lower	Upper
107	100		
108	90.9	87.2	130.8
77	35.2	33.8	50.8
79	63.9	32.7	49.1#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

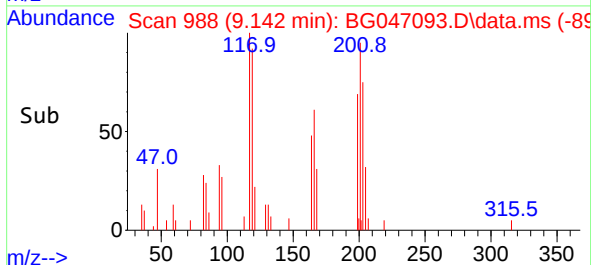
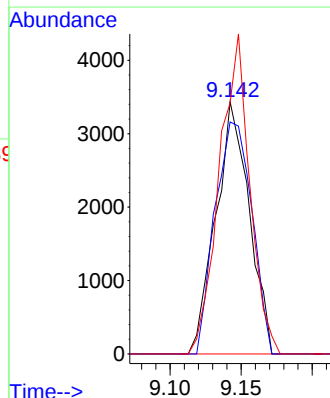
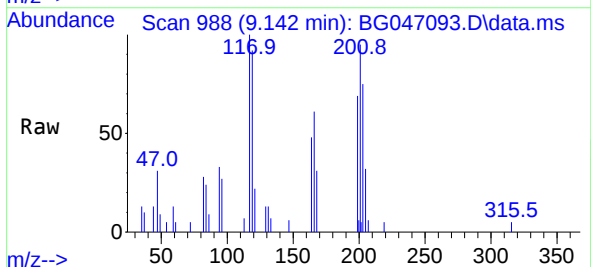
Manual Integrations
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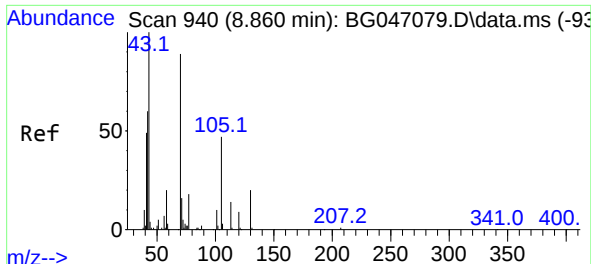
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#18
Hexachloroethane
Concen: 5.06 ng
RT: 9.142 min Scan# 988
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

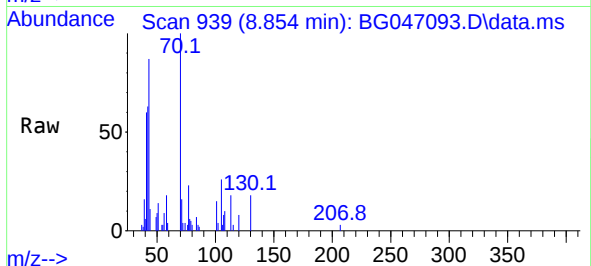
Tgt Ion:	117	Resp:	5618
Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.5	116.3
201	99.5	104.9	157.3#



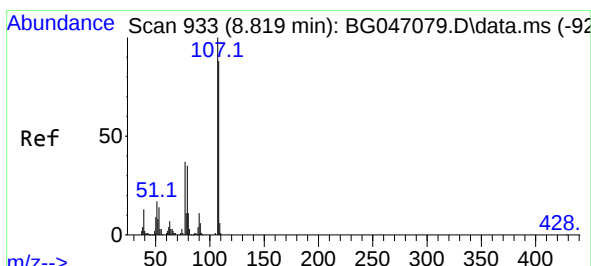
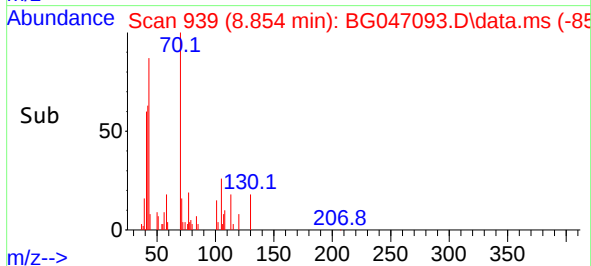
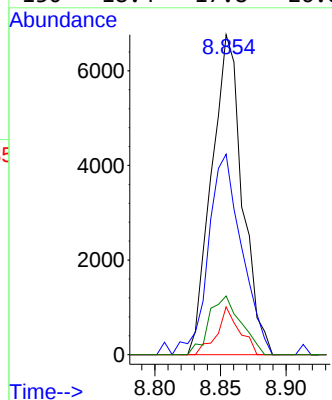


#19
n-Nitroso-di-n-propylamine
Concen: 5.18 ng
RT: 8.854 min Scan# 939
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

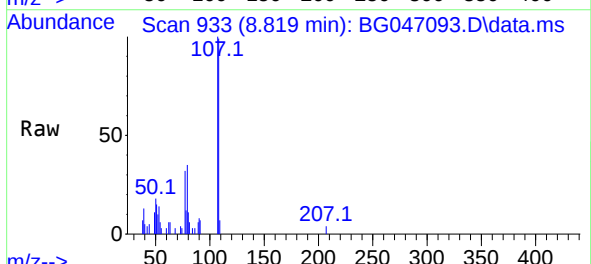
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



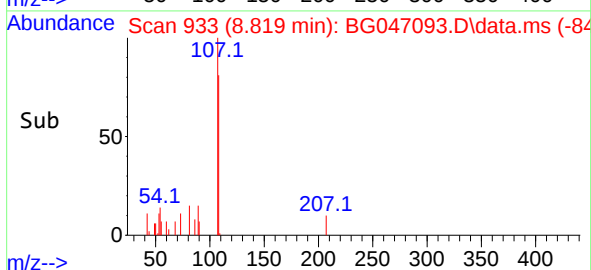
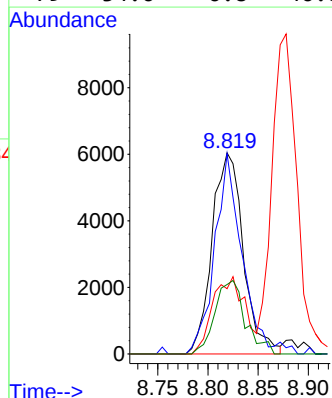
Tgt Ion:	70	Resp:	11053
Ion	Ratio	Lower	Upper
70	100		
42	62.6	45.6	68.4
101	15.0	8.4	12.6#
130	18.4	17.8	26.8

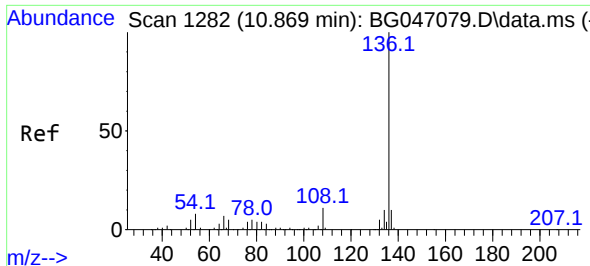


#20
3+4-Methylphenols
Concen: 4.77 ng
RT: 8.819 min Scan# 933
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



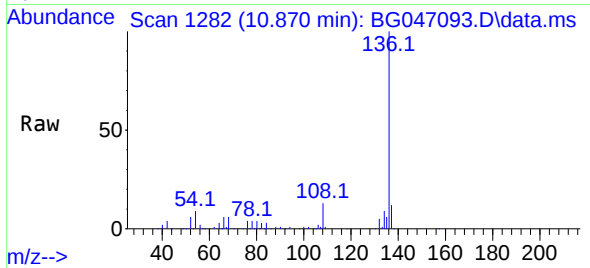
Tgt Ion:	107	Resp:	13083
Ion	Ratio	Lower	Upper
107	100		
108	99.5	70.6	110.6
77	32.5	10.2	50.2
79	34.6	6.8	46.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.870 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

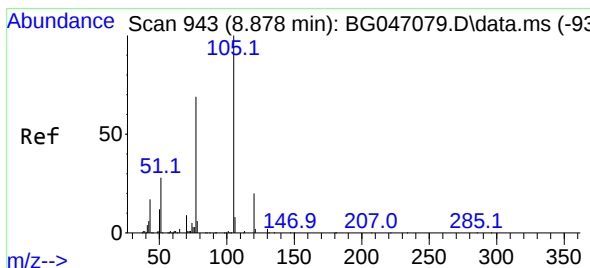
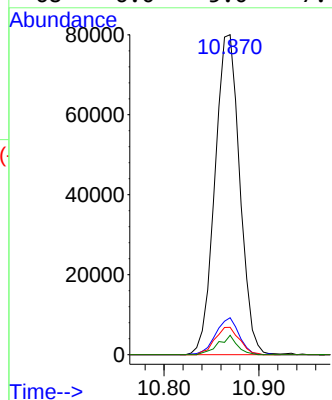
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



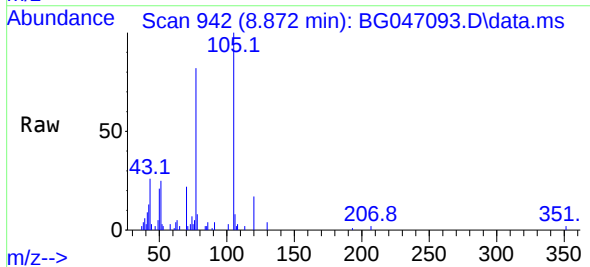
Tgt Ion:	136	Resp:	145746
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.5	6.2	9.4
68	6.0	5.0	7.4

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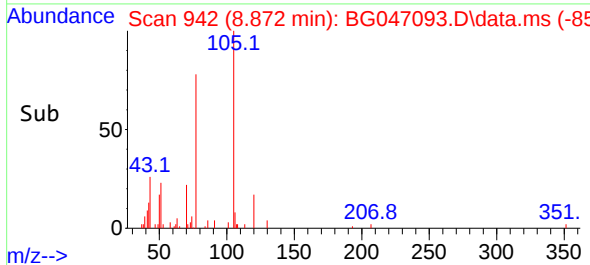
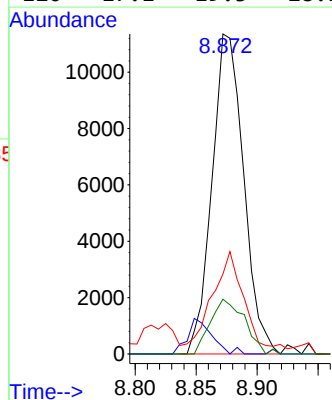
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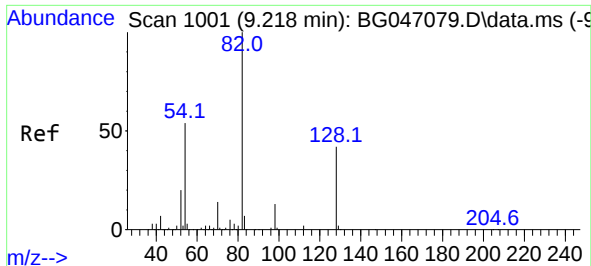


#22
Acetophenone
Concen: 5.22 ng
RT: 8.872 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion:	105	Resp:	20493
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.7	4.1#
51	25.0	21.0	31.6
120	17.1	19.3	28.9#





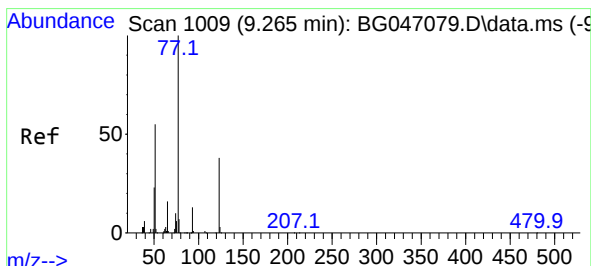
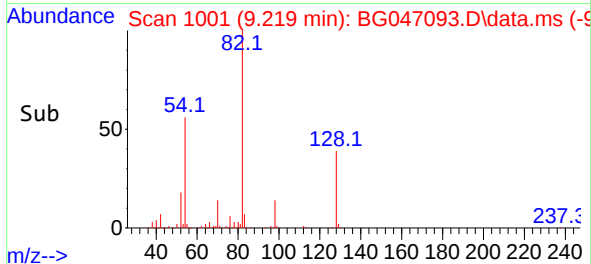
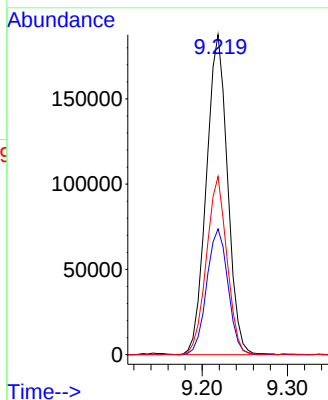
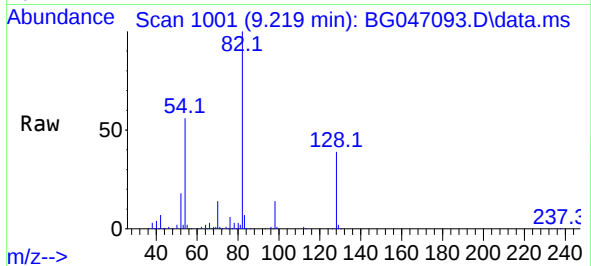
#23
Nitrobenzene-d5
Concen: 106.45 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 82 Resp: 323966
Ion Ratio Lower Upper
82 100
128 39.3 37.0 55.6
54 55.7 39.0 58.4

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

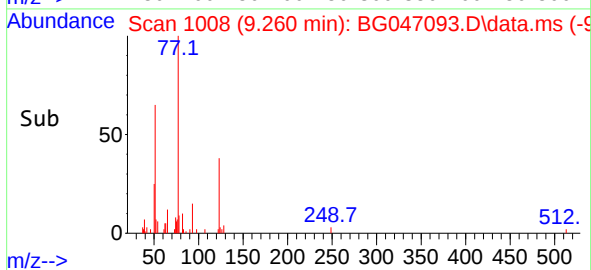
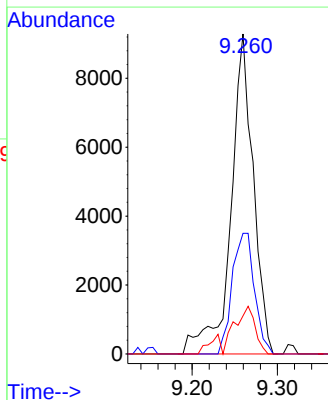
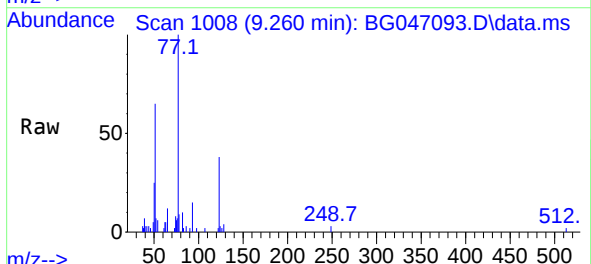
Manual Integrations
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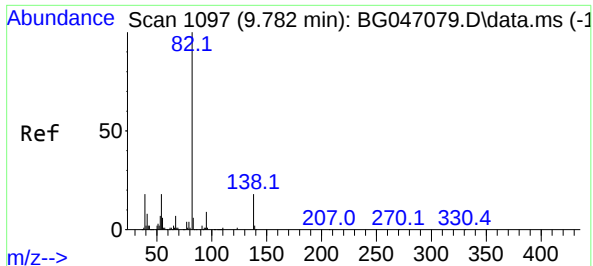
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#24
Nitrobenzene
Concen: 5.36 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 77 Resp: 16948
Ion Ratio Lower Upper
77 100
123 37.7 39.7 59.5#
65 11.9 10.4 15.6





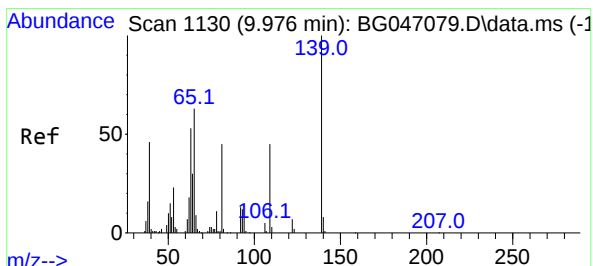
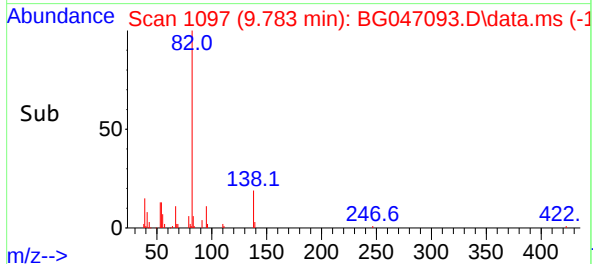
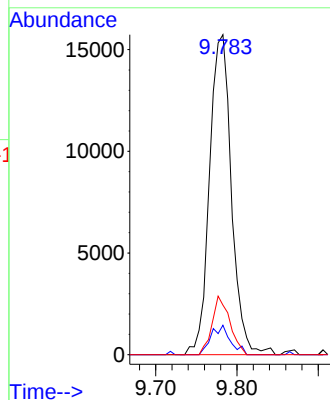
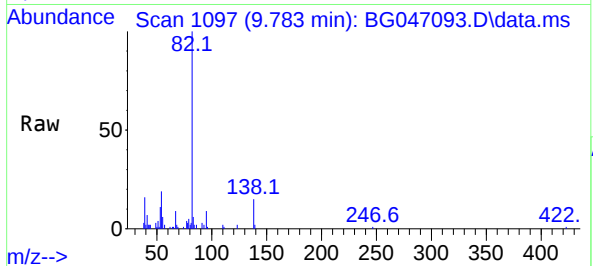
#25
Isophorone
Concen: 5.42 ng
RT: 9.783 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 82 Resp: 29477
Ion Ratio Lower Upper
82 100
95 9.2 5.6 8.4#
138 15.5 15.8 23.6#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

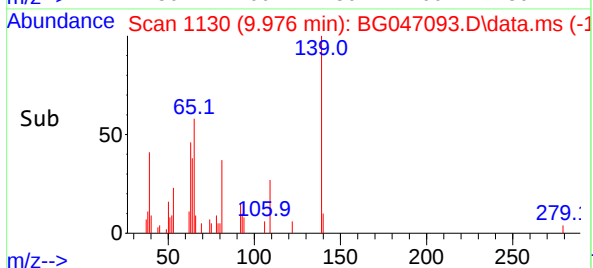
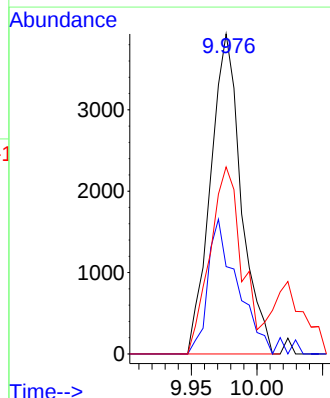
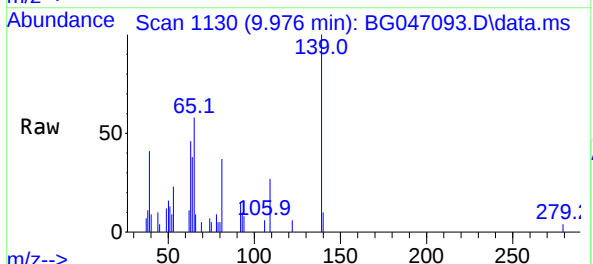
Manual Integrations
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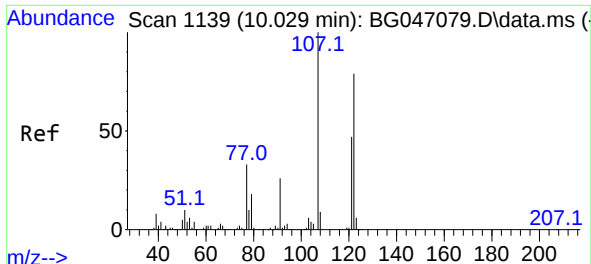
mohammad
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#26
2-Nitrophenol
Concen: 4.67 ng
RT: 9.976 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

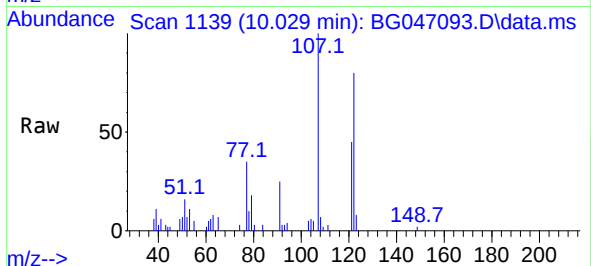
Tgt Ion:139 Resp: 6401
Ion Ratio Lower Upper
139 100
109 27.3 20.7 31.1
65 58.4 36.1 54.1#





#27
2,4-Dimethylphenol
Concen: 5.84 ng
RT: 10.029 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

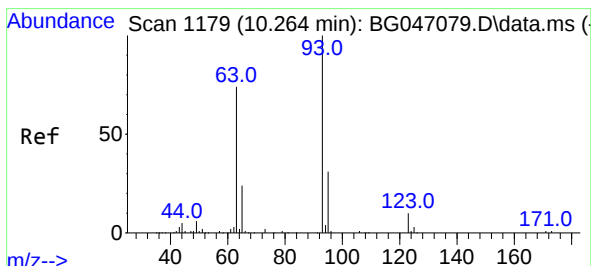
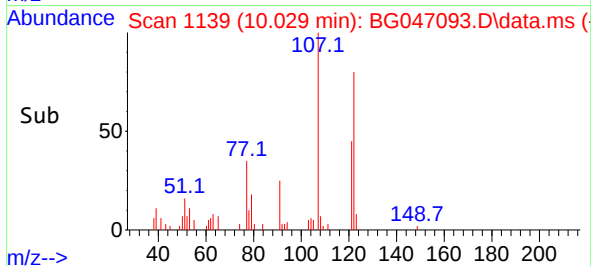
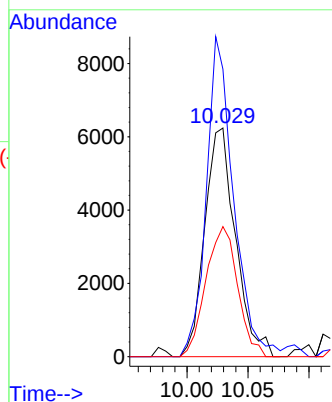
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:122 Resp: 10945
Ion Ratio Lower Upper
122 100
107 125.8 89.2 133.8
121 56.9 46.9 70.3

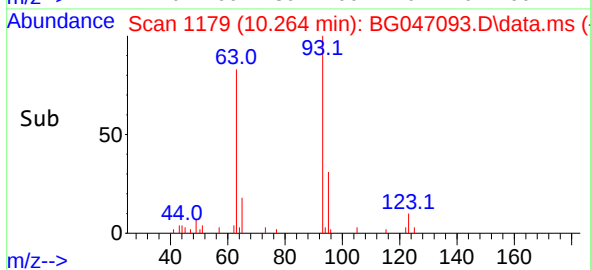
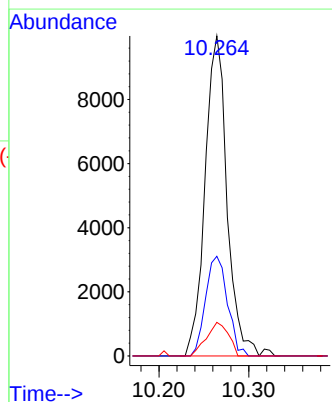
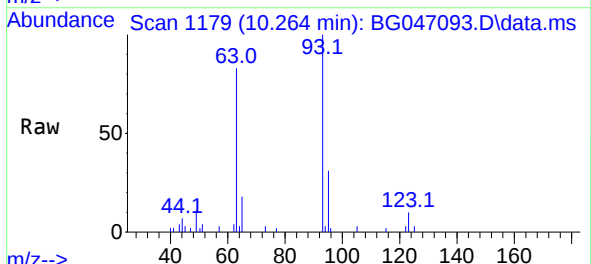
Manual Integrations
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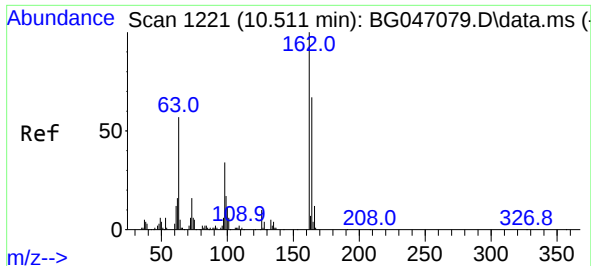
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 5.07 ng
RT: 10.264 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion: 93 Resp: 17027
Ion Ratio Lower Upper
93 100
95 31.2 26.5 39.7
123 10.5 9.4 14.0





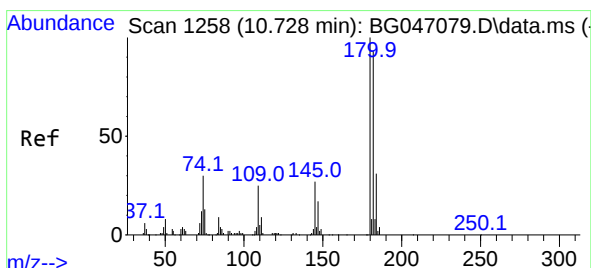
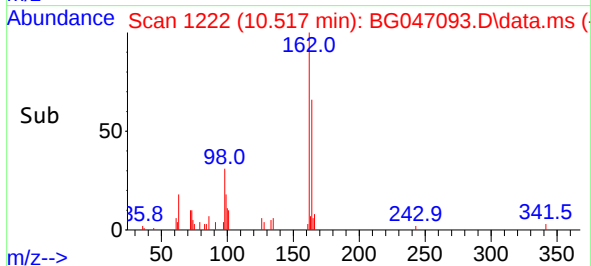
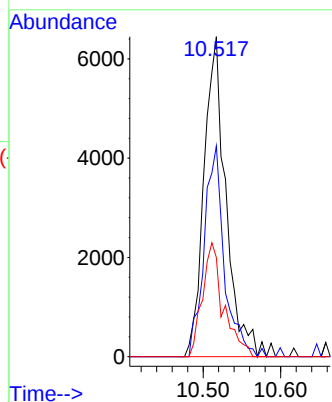
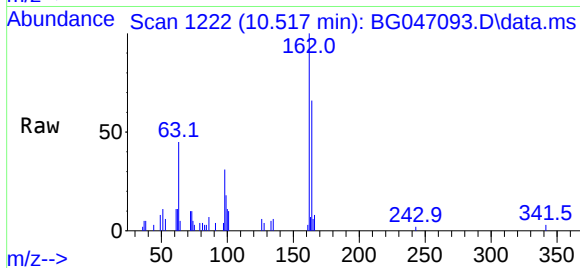
#29
2,4-Dichlorophenol
Concen: 4.95 ng
RT: 10.517 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.6	85.6
98	31.0	11.0	51.0

Instrument :
BNA_G
ClientSampleId :
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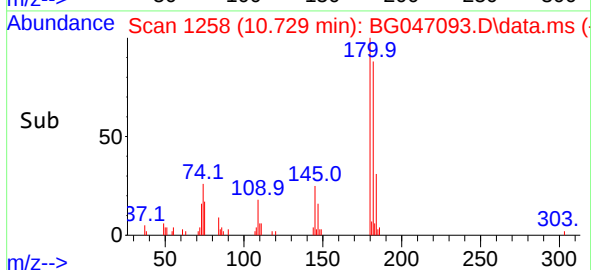
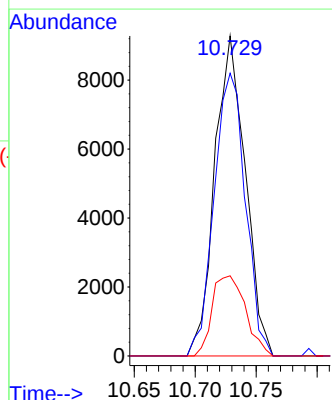
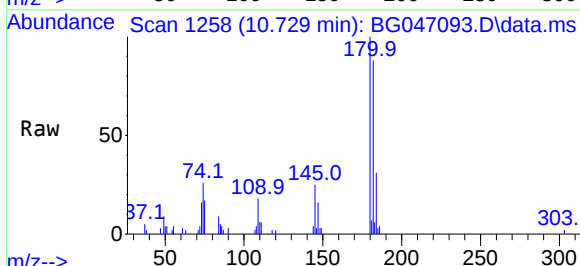
Manual Integrations
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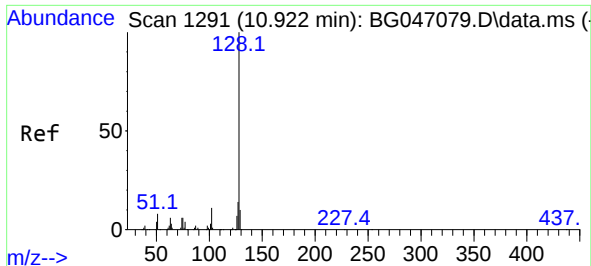
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#30
1,2,4-Trichlorobenzene
Concen: 5.09 ng
RT: 10.729 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.4	76.9	115.3
145	25.0	21.4	32.0





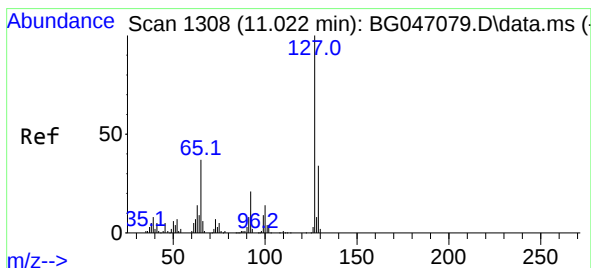
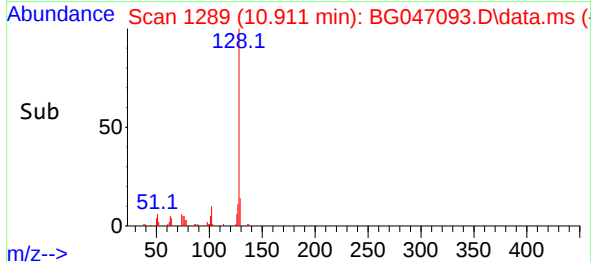
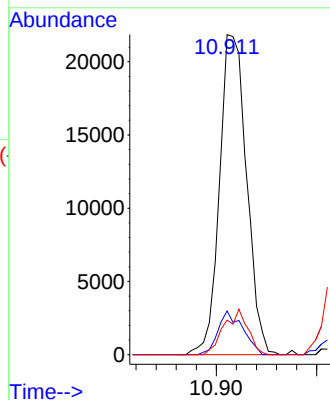
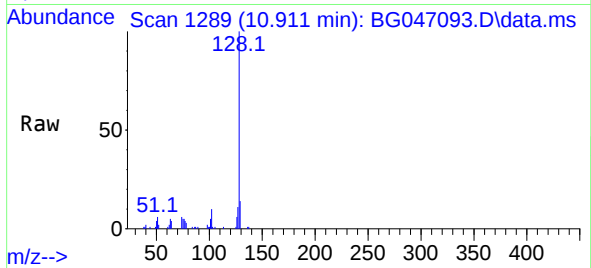
#31
Naphthalene
Concen: 5.36 ng
RT: 10.911 min Scan# 1289
Delta R.T. -0.011 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:128 Resp: 40896
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.6#
127 10.8 11.0 16.4#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

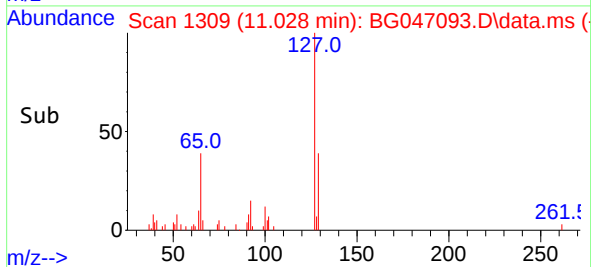
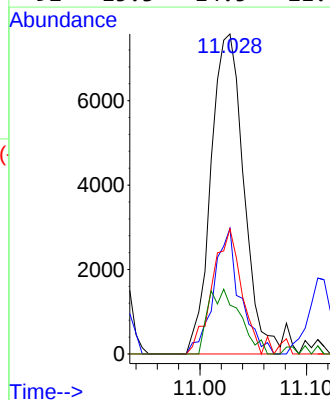
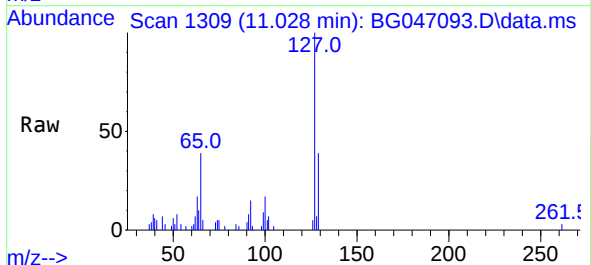
Manual Integrations
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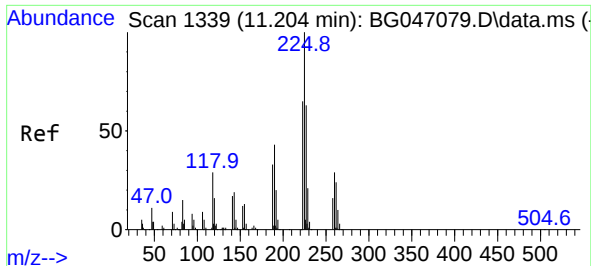
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#33
4-Chloroaniline
Concen: 4.87 ng
RT: 11.028 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

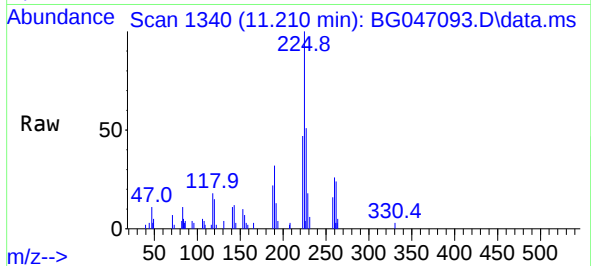
Tgt Ion:127 Resp: 16160
Ion Ratio Lower Upper
127 100
129 39.2 26.8 40.2
65 39.1 23.8 35.6#
92 15.3 14.5 21.7





#34
Hexachlorobutadiene
Concen: 5.08 ng
RT: 11.210 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

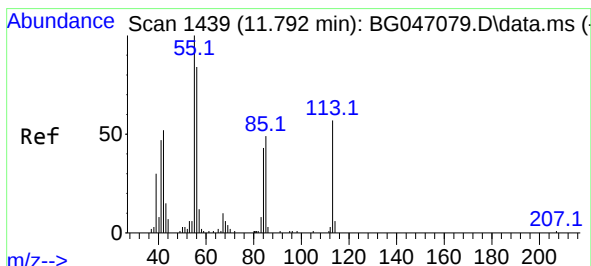
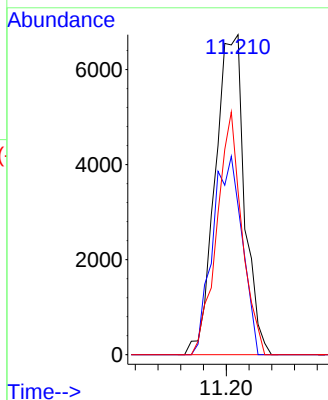
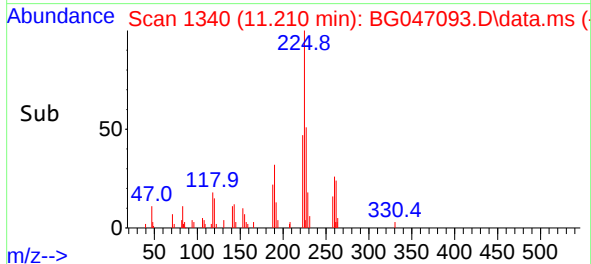
Instrument :
BNA_G
ClientSampleId :
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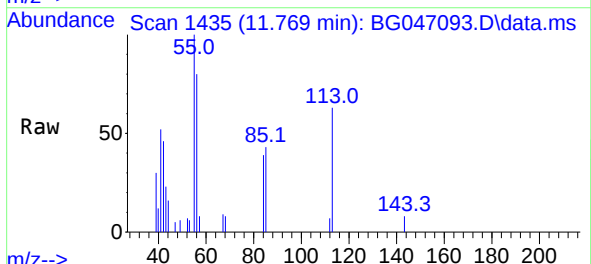
Tgt Ion:225 Resp: 12097
Ion Ratio Lower Upper
225 100
223 46.6 49.5 74.3#
227 51.2 52.0 78.0#

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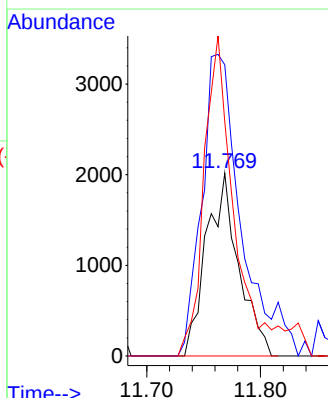
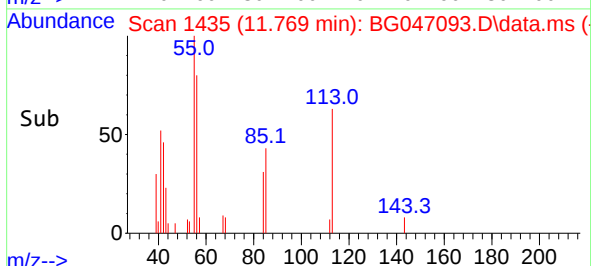
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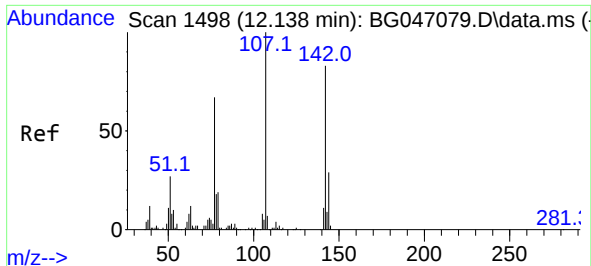


#35
Caprolactam
Concen: 4.63 ng
RT: 11.769 min Scan# 1435
Delta R.T. -0.023 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



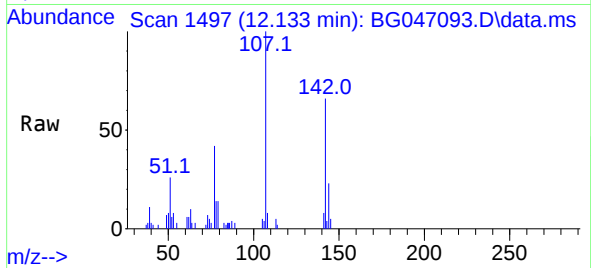
Tgt Ion:113 Resp: 3972
Ion Ratio Lower Upper
113 100
55 159.2 149.2 189.2
56 128.1 107.2 147.2





#36
4-Chloro-3-methylphenol
Concen: 5.28 ng
RT: 12.133 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

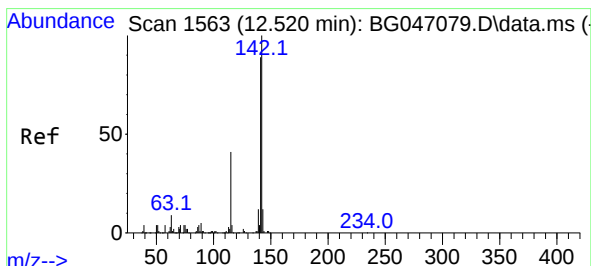
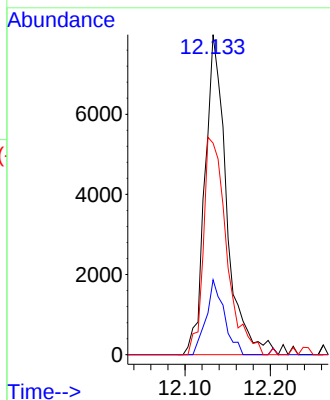
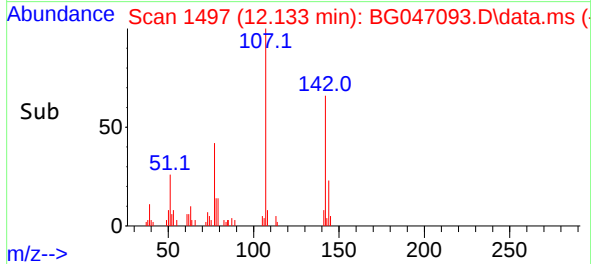
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



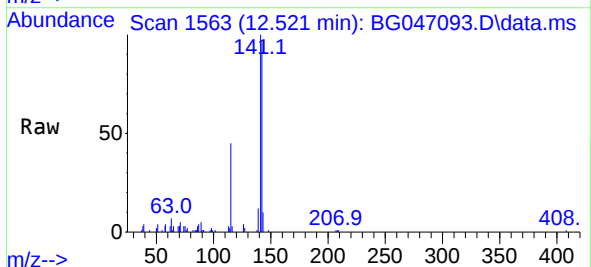
Tgt Ion:107 Resp: 14129
Ion Ratio Lower Upper
107 100
144 23.4 22.5 33.7
142 66.1 70.8 106.2#

Manual Integrations
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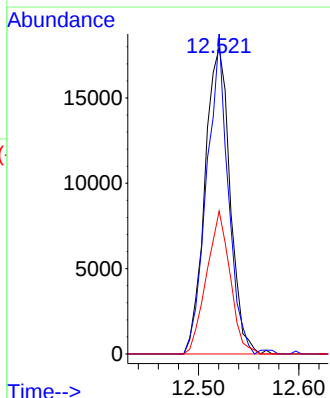
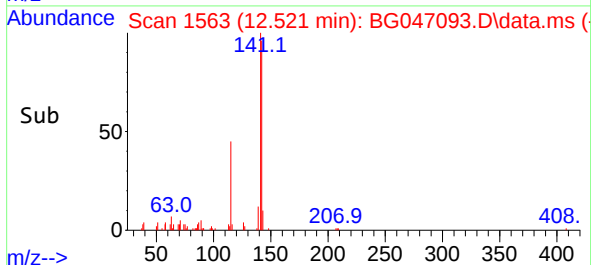
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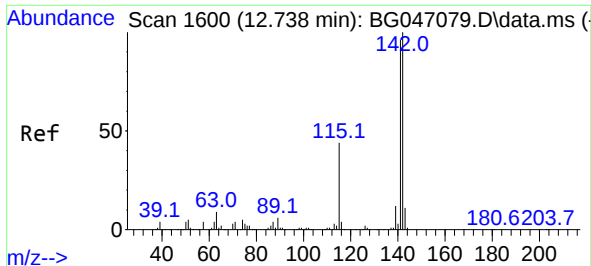


#37
2-Methylnaphthalene
Concen: 5.28 ng
RT: 12.521 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

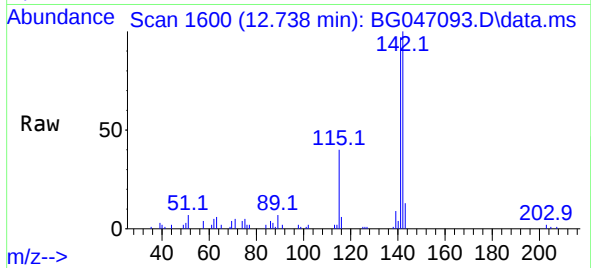


Tgt Ion:142 Resp: 31246
Ion Ratio Lower Upper
142 100
141 104.5 71.6 107.4
115 46.6 25.4 38.2#

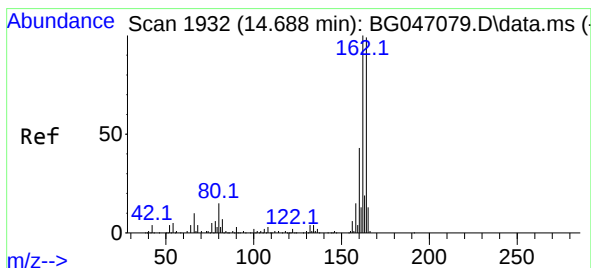
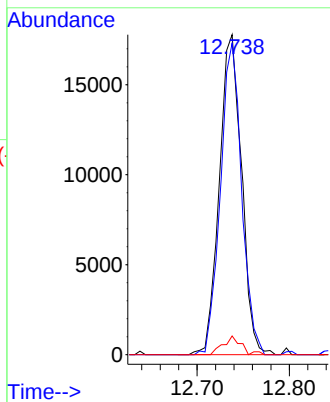
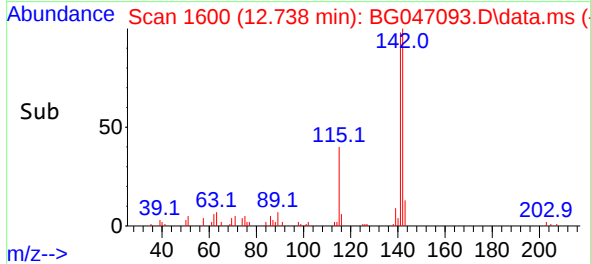




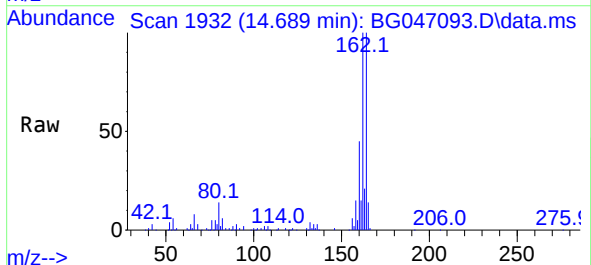
#38
1-Methylnaphthalene
Concen: 5.29 ng m
RT: 12.738 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



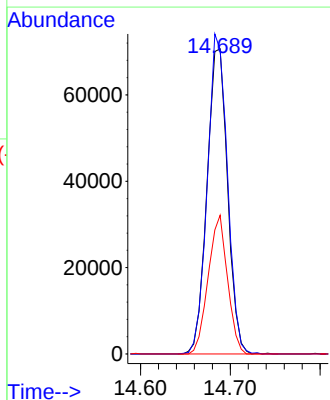
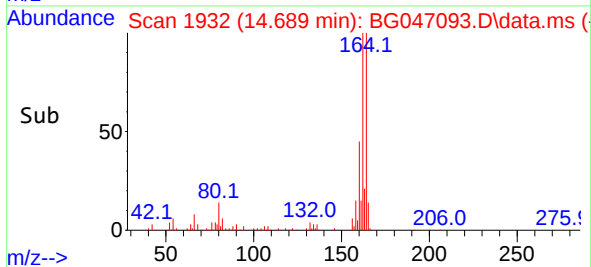
Tgt Ion:142 Resp: 29684
Ion Ratio Lower Upper
142 100
141 97.3 75.4 113.2
116 5.8 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.689 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



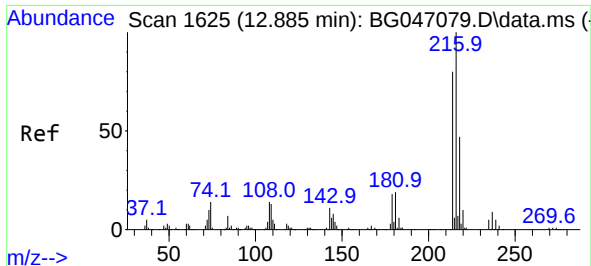
Tgt Ion:164 Resp: 112294
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 45.5 35.3 52.9



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

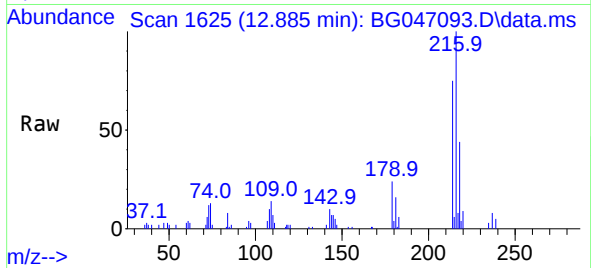
Manual Integrations
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.38 ng
RT: 12.885 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

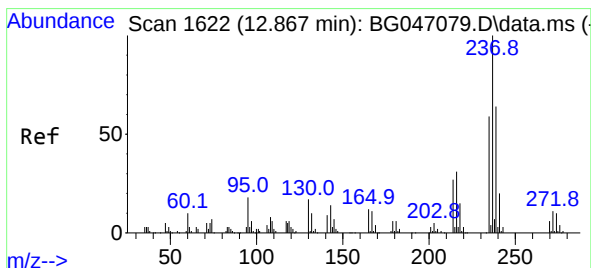
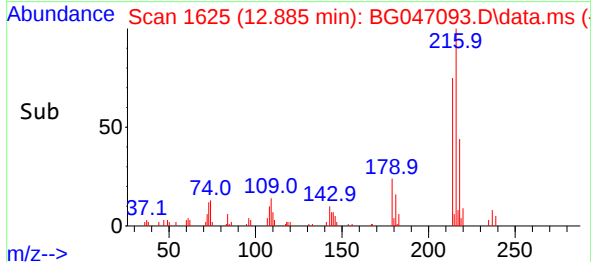
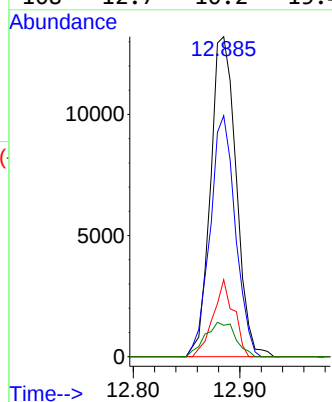
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



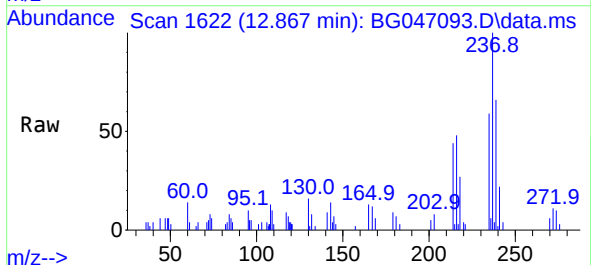
Tgt Ion:	216	Resp:	22059
Ion Ratio	Lower	Upper	
216	100		
214	74.1	61.9	92.9
179	19.4	14.8	22.2
108	12.7	10.2	15.4

Manual Integrations
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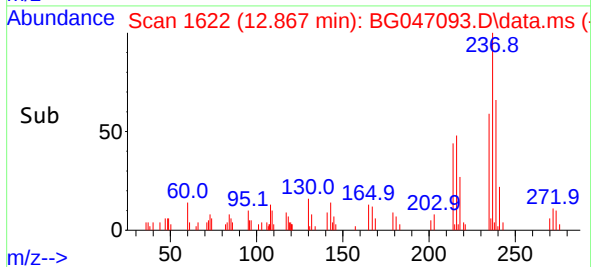
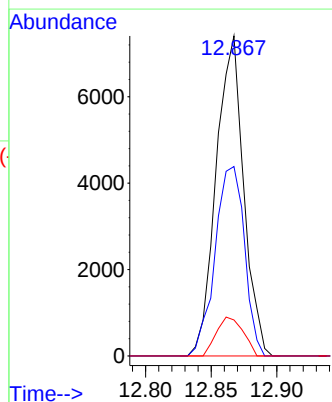
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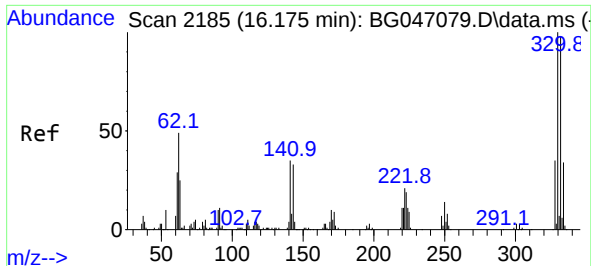


#41
Hexachlorocyclopentadiene
Concen: 4.81 ng
RT: 12.867 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



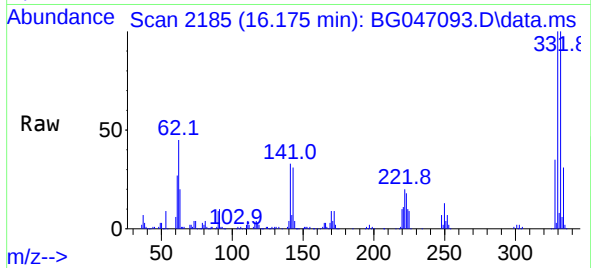
Tgt Ion:	237	Resp:	10789
Ion Ratio	Lower	Upper	
237	100		
235	59.2	43.1	83.1
272	11.2	0.0	33.1





#42
2,4,6-Tribromophenol
Concen: 151.45 ng
RT: 16.175 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

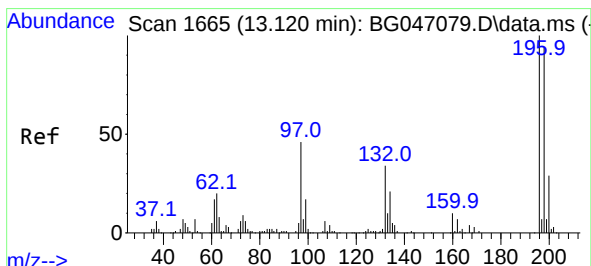
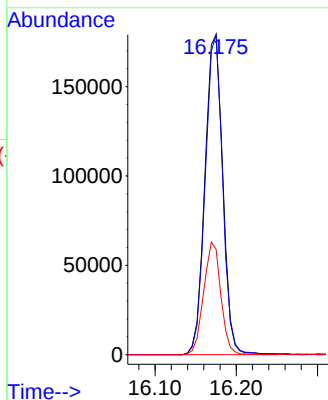
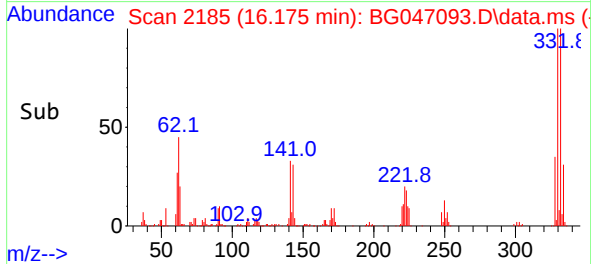
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



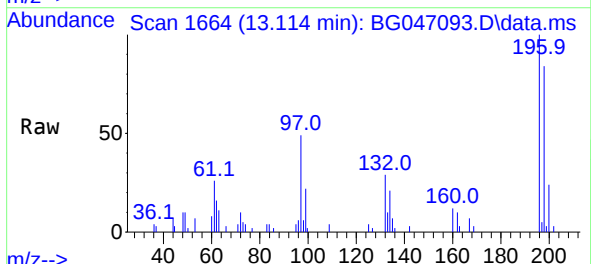
Tgt Ion:330 Resp: 272607
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 33.9 26.0 39.0

Manual Integrations
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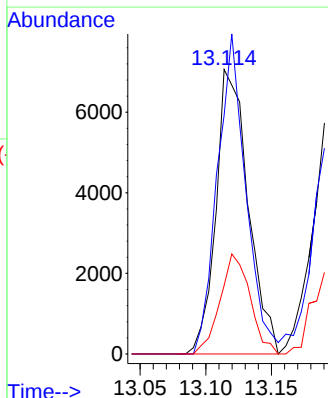
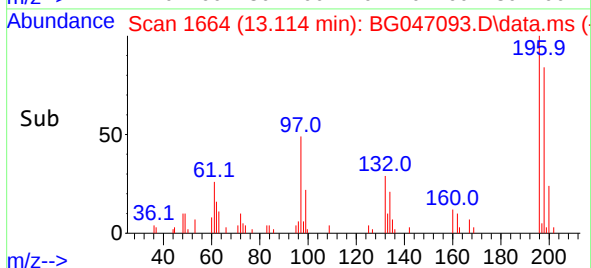
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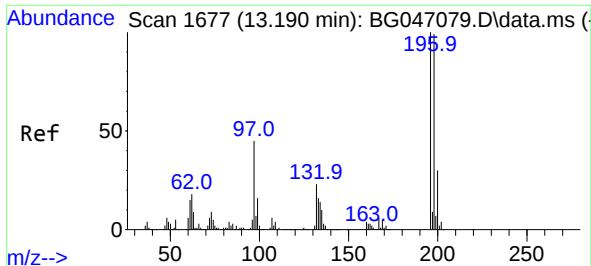


#43
2,4,6-Trichlorophenol
Concen: 4.52 ng
RT: 13.114 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion:196 Resp: 12093
Ion Ratio Lower Upper
196 100
198 83.9 74.9 112.3
200 24.1 25.3 37.9#





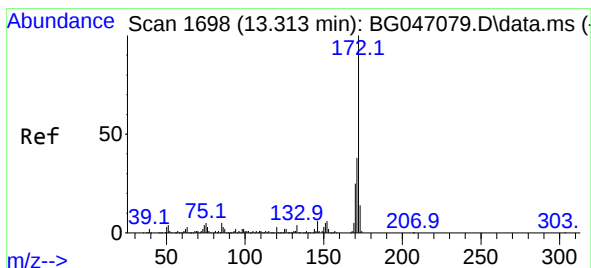
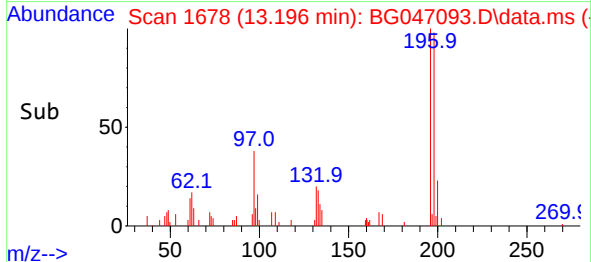
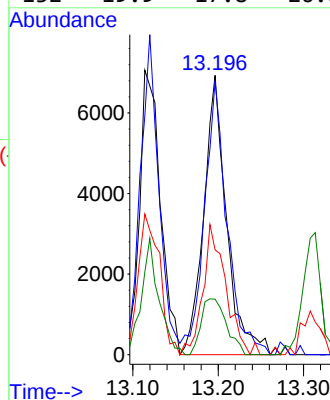
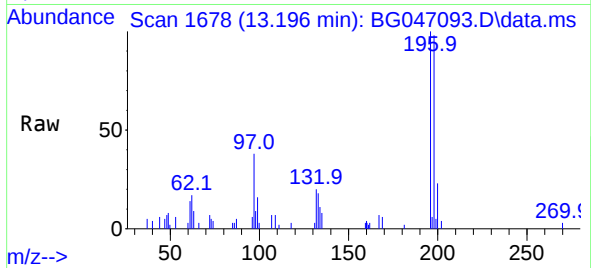
#44
2,4,5-Trichlorophenol
Concen: 4.77 ng
RT: 13.196 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	196	Resp:	12966
Ion Ratio	Lower	Upper	
196	100		
198	98.0	77.6	116.4
97	37.5	28.6	43.0
132	19.9	17.8	26.8

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

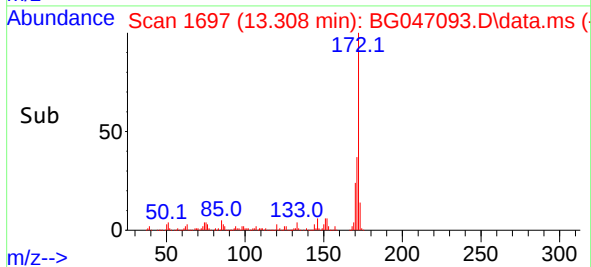
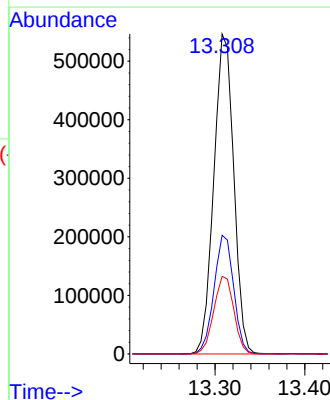
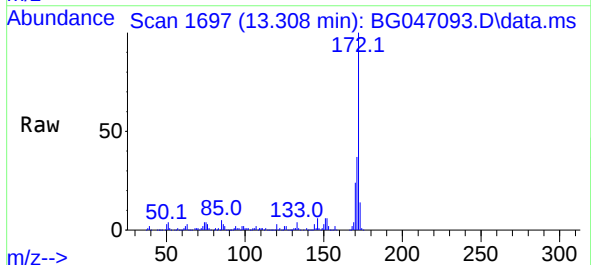
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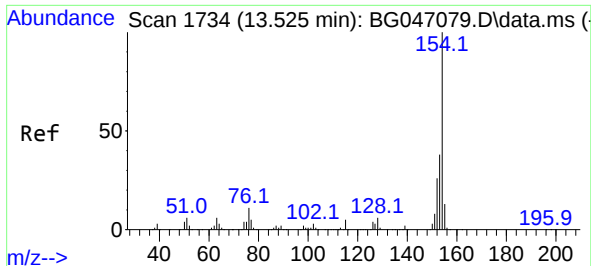
mohammad
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#45
2-Fluorobiphenyl
Concen: 106.03 ng
RT: 13.308 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	172	Resp:	842182
Ion Ratio	Lower	Upper	
172	100		
171	37.1	31.3	46.9
170	24.3	20.8	31.2





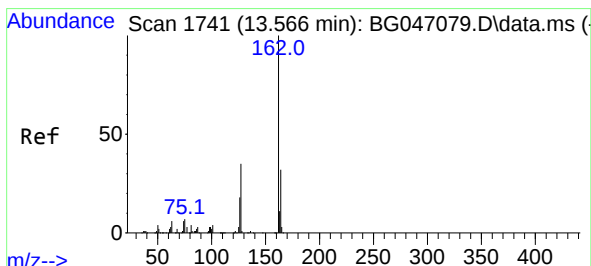
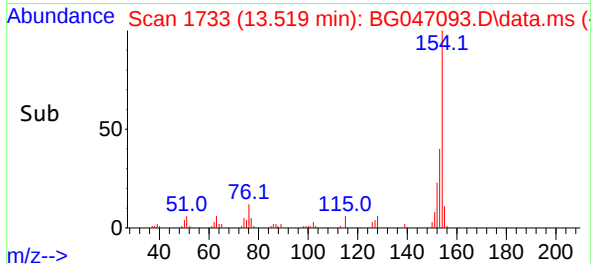
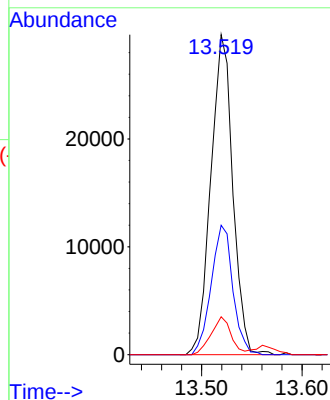
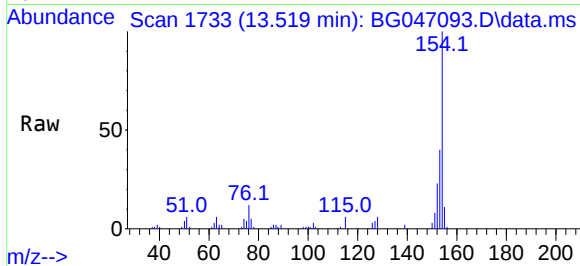
#46
1,1'-Biphenyl
Concen: 5.28 ng
RT: 13.519 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	154	Resp:	44884
Ion Ratio	Lower	Upper	
154	100		
153	40.5	22.6	62.6
76	11.8	0.0	32.6

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

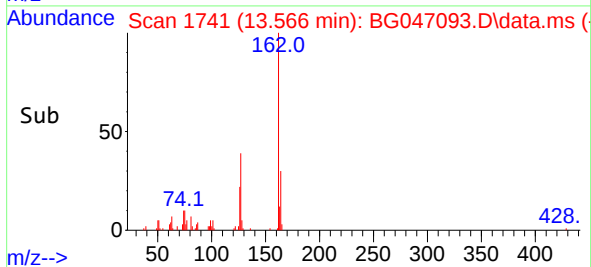
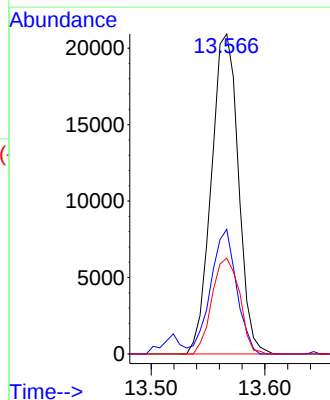
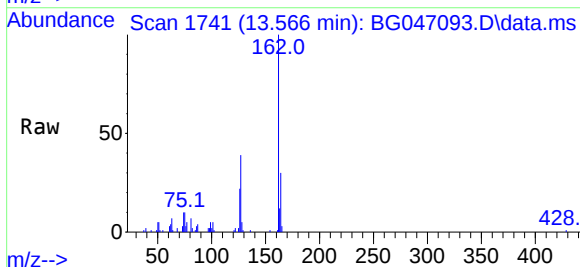
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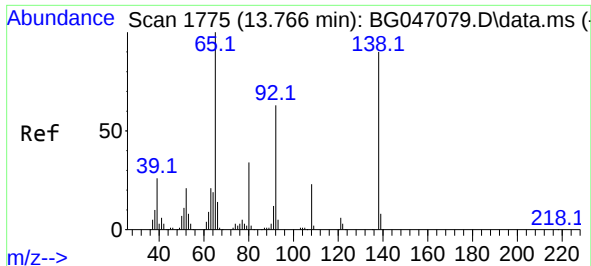
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#47
2-Chloronaphthalene
Concen: 4.94 ng
RT: 13.566 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	162	Resp:	34568
Ion Ratio	Lower	Upper	
162	100		
127	38.9	27.8	41.6
164	30.0	27.0	40.4





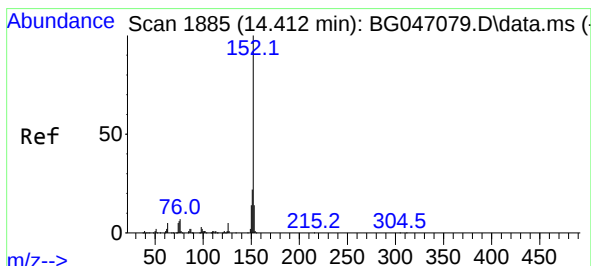
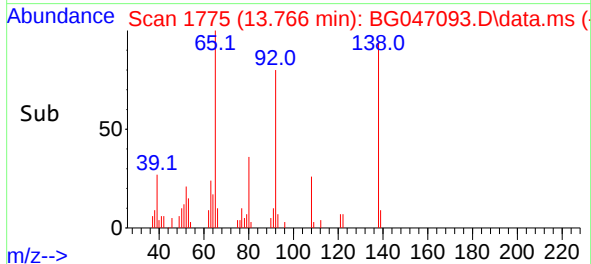
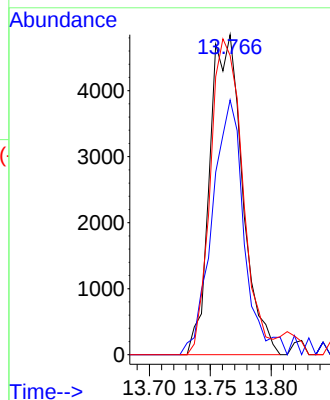
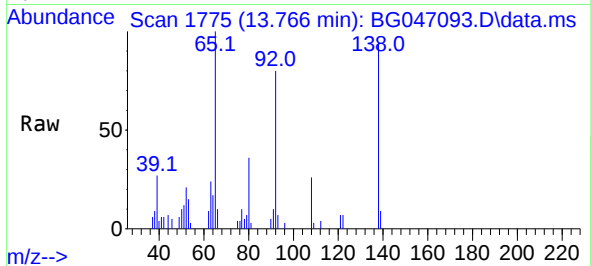
#48
2-Nitroaniline
Concen: 3.95 ng
RT: 13.766 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	65	Resp:	9012
Ion Ratio	Lower	Upper	
65	100		
92	79.6	58.6	88.0
138	93.5	98.2	147.4#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

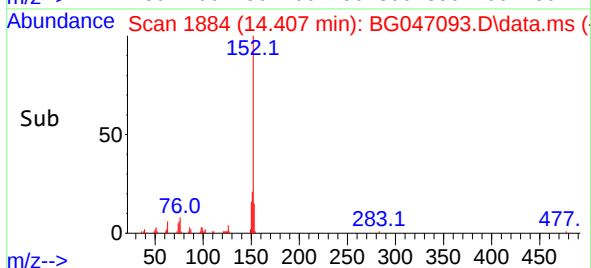
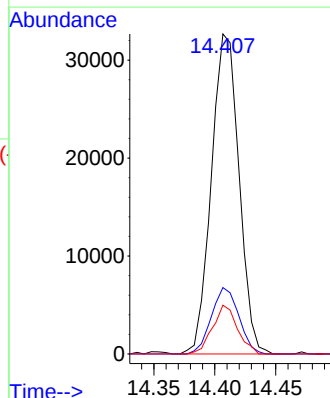
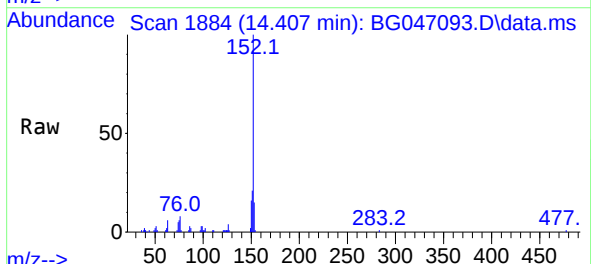
Manual Integrations
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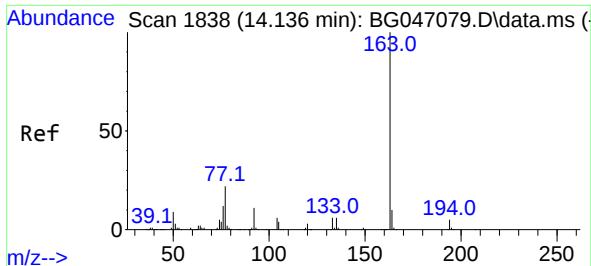
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#49
Acenaphthylene
Concen: 5.07 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	152	Resp:	51513
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.4	26.0
153	15.2	11.5	17.3





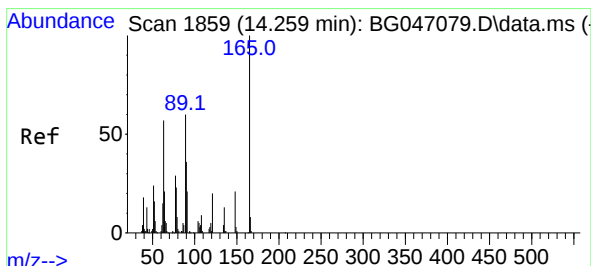
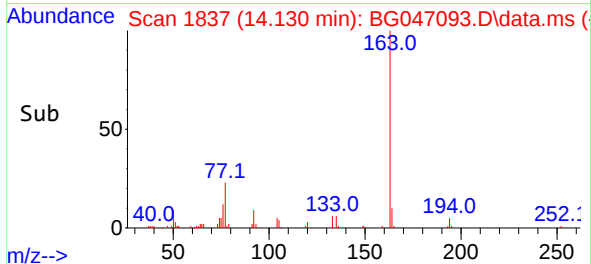
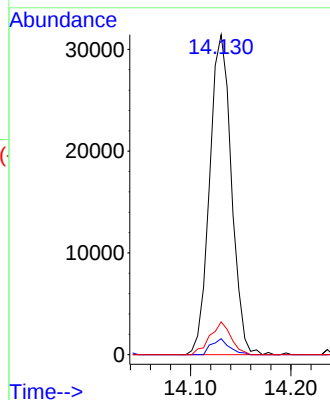
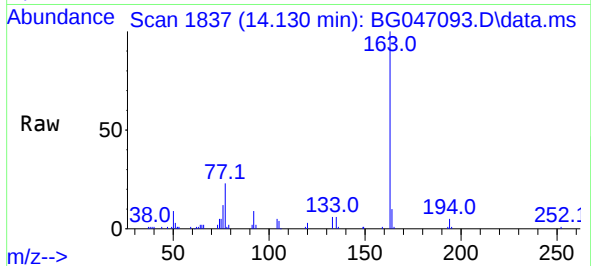
#50
Dimethylphthalate
Concen: 5.12 ng
RT: 14.130 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:163 Resp: 47372
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 10.2 8.8 13.2

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

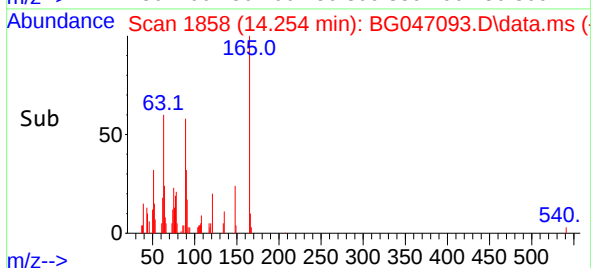
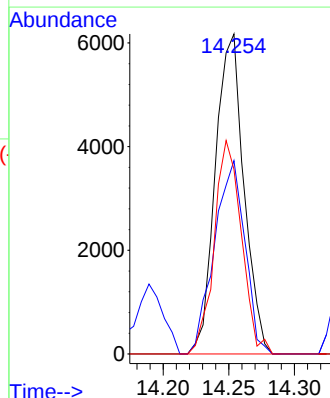
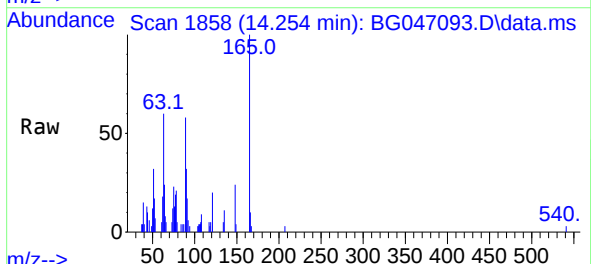
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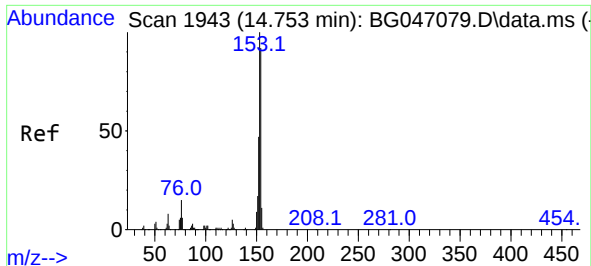
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#51
2,6-Dinitrotoluene
Concen: 4.85 ng
RT: 14.254 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

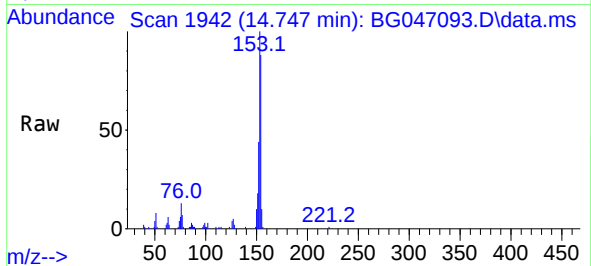
Tgt Ion:165 Resp: 9349
Ion Ratio Lower Upper
165 100
63 60.4 33.7 50.5#
89 57.7 36.6 54.8#





#52
Acenaphthene
Concen: 5.07 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

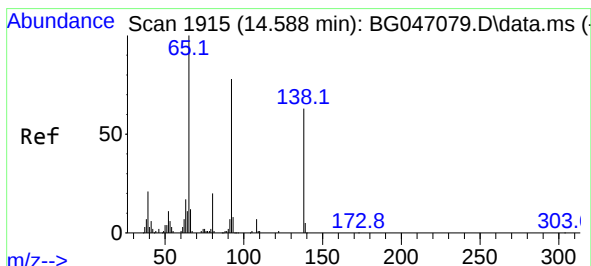
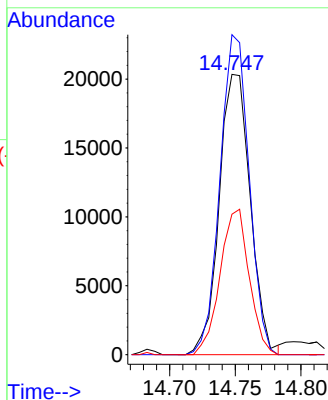
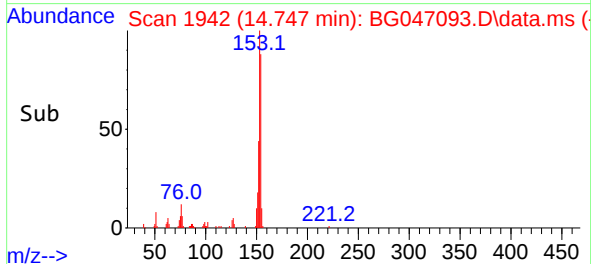
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



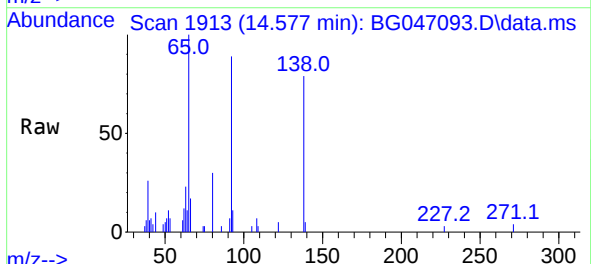
Tgt Ion:154 Resp: 33592
Ion Ratio Lower Upper
154 100
153 114.2 90.3 135.5
152 50.1 43.8 65.8

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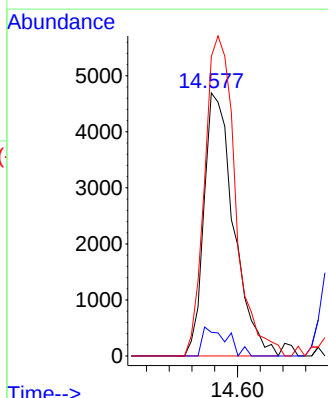
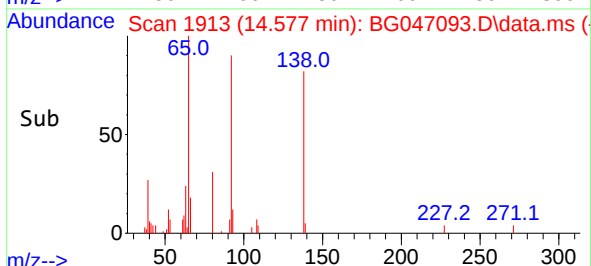
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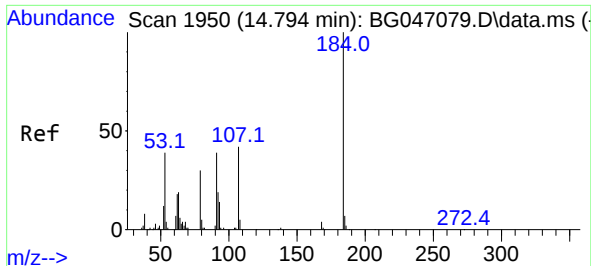


#53
3-Nitroaniline
Concen: 4.45 ng
RT: 14.577 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion:138 Resp: 8528
Ion Ratio Lower Upper
138 100
108 9.0 7.4 11.0
92 113.8 85.2 127.8





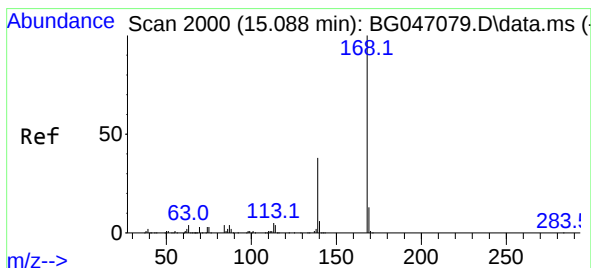
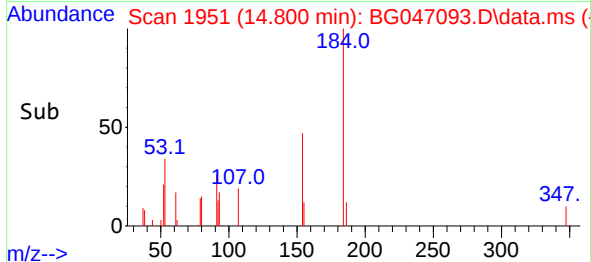
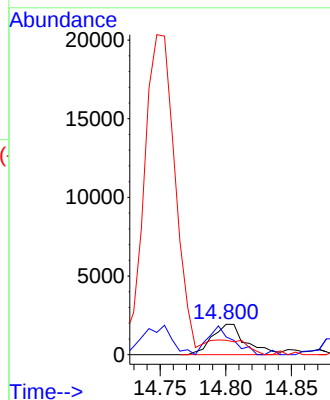
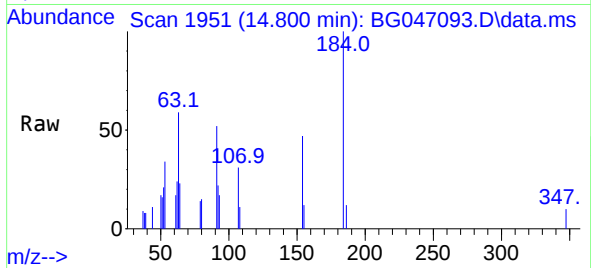
#54
2,4-Dinitrophenol
Concen: 2.70 ng
RT: 14.800 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:184 Resp: 3435
Ion Ratio Lower Upper
184 100
63 58.5 32.3 48.5#
154 47.2 40.4 60.6

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

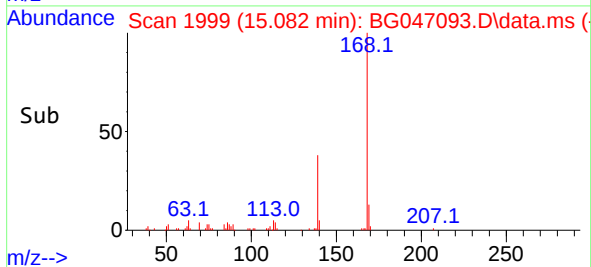
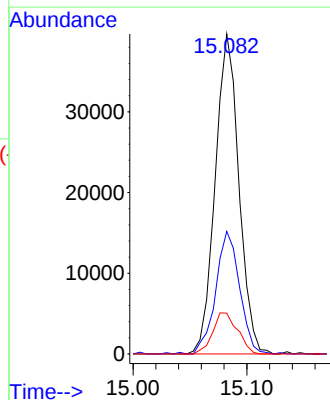
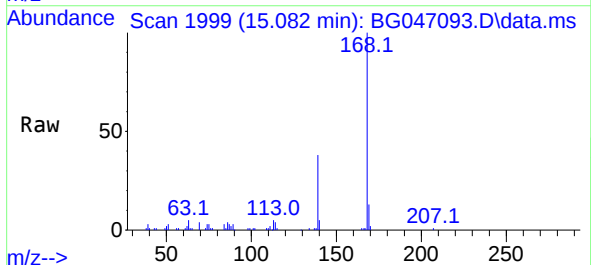
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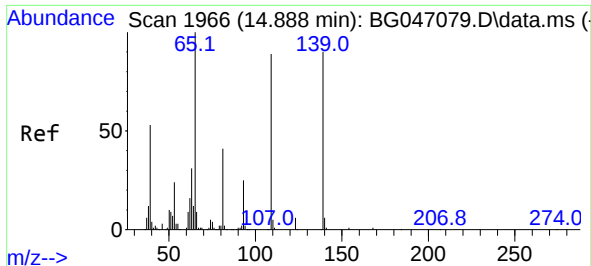
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#55
Dibenzofuran
Concen: 5.38 ng
RT: 15.082 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

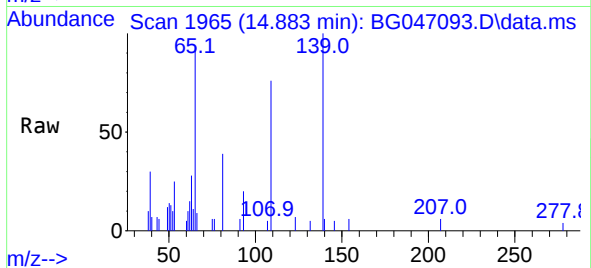
Tgt Ion:168 Resp: 57328
Ion Ratio Lower Upper
168 100
139 38.3 28.6 43.0
169 12.8 11.0 16.6





#56
4-Nitrophenol
Concen: 4.65 ng
RT: 14.883 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

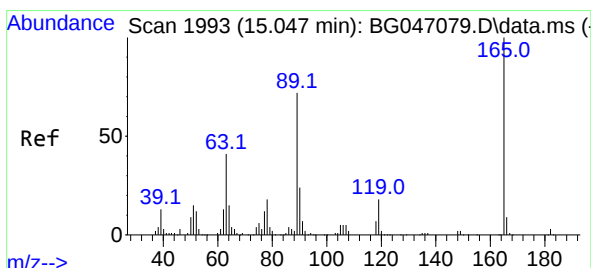
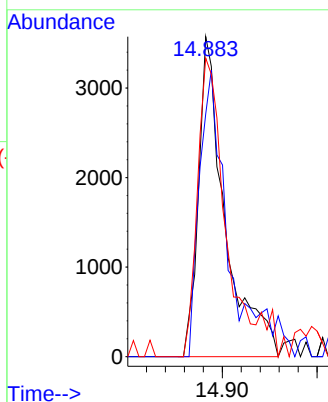
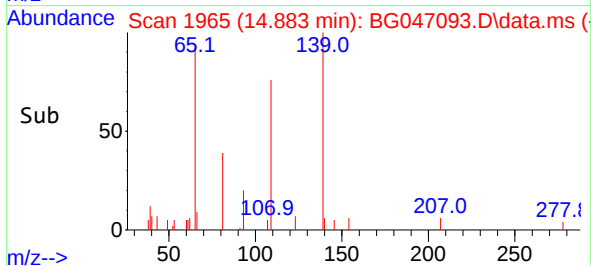
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



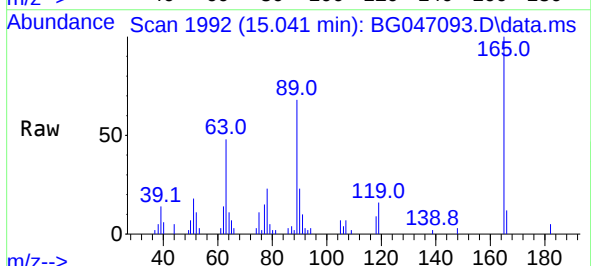
Tgt Ion:139 Resp: 6971
Ion Ratio Lower Upper
139 100
109 75.9 45.9 85.9
65 93.3 65.4 105.4

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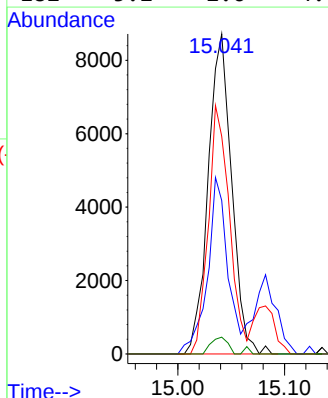
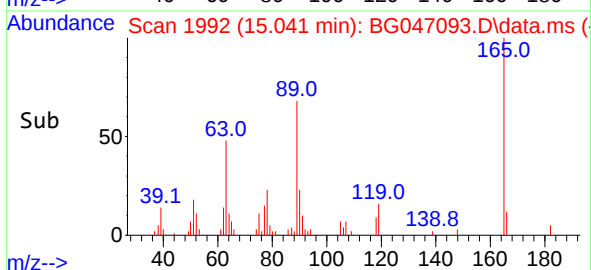
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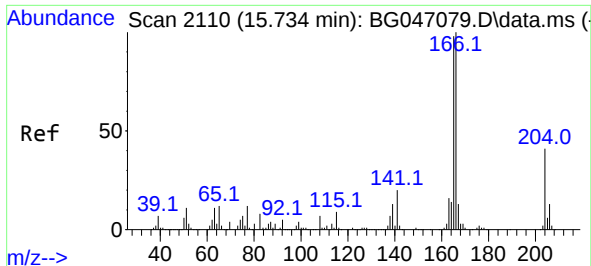


#57
2,4-Dinitrotoluene
Concen: 4.81 ng
RT: 15.041 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

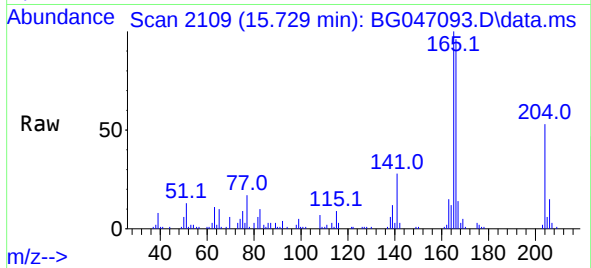


Tgt Ion:165 Resp: 13335
Ion Ratio Lower Upper
165 100
63 47.9 26.4 39.6#
89 68.0 47.8 71.8
182 5.2 2.6 4.0#

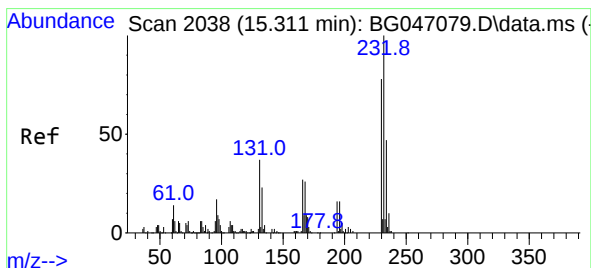
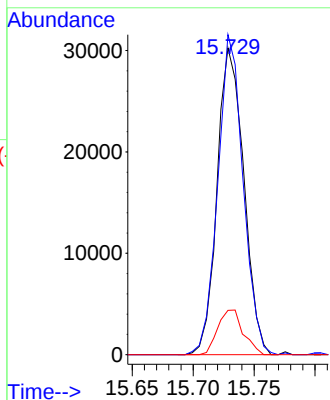
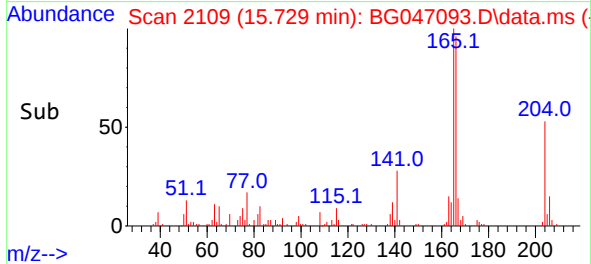




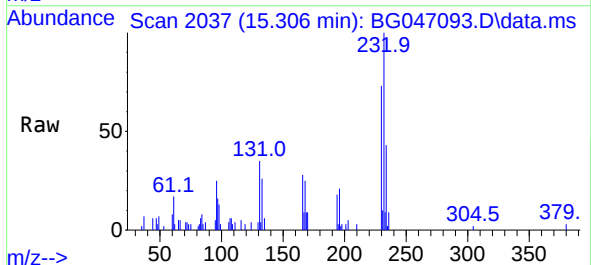
#58
Fluorene
Concen: 5.36 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



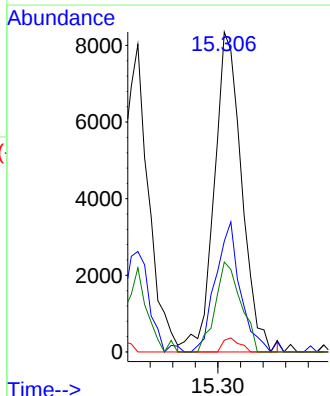
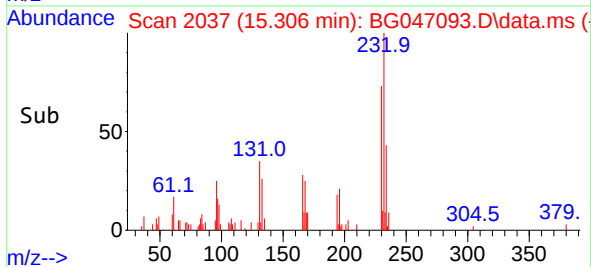
Tgt Ion:166 Resp: 46079
Ion Ratio Lower Upper
166 100
165 104.3 77.2 115.8
167 14.5 11.4 17.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.90 ng m
RT: 15.306 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



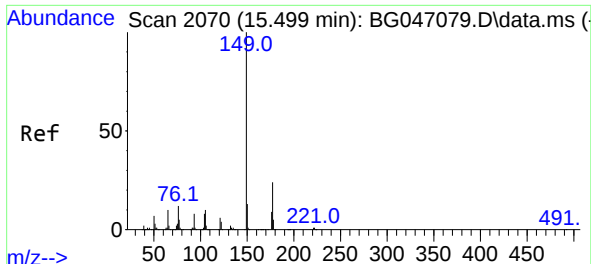
Tgt Ion:232 Resp: 14127
Ion Ratio Lower Upper
232 100
131 29.4 26.6 40.0
130 1.7 1.4 2.0
166 20.5 21.0 31.6#



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

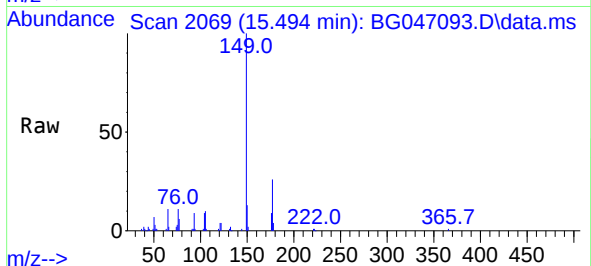
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#60
Diethylphthalate
Concen: 5.09 ng
RT: 15.494 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

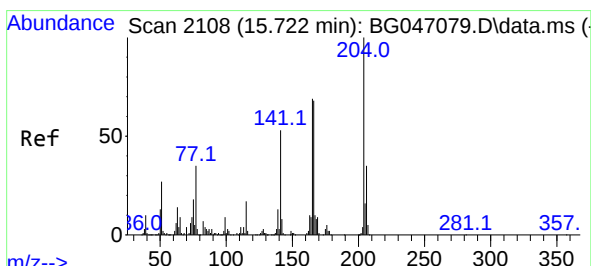
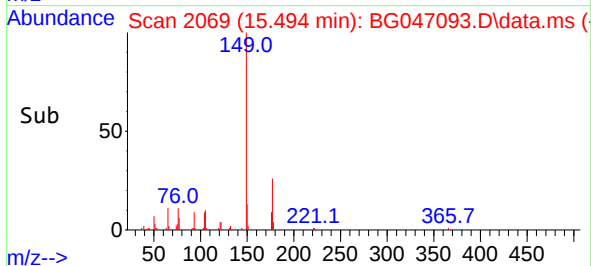
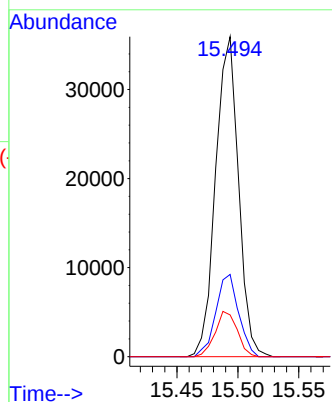
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:149 Resp: 46885
Ion Ratio Lower Upper
149 100
177 25.7 21.4 32.2
150 13.0 10.7 16.1

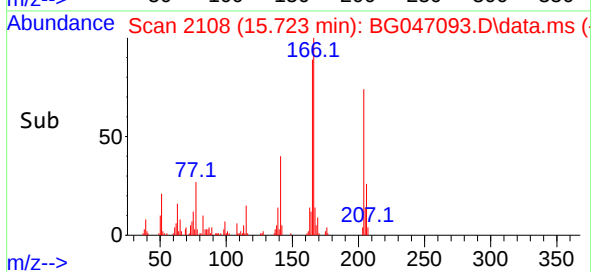
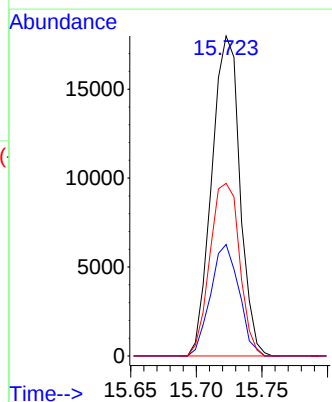
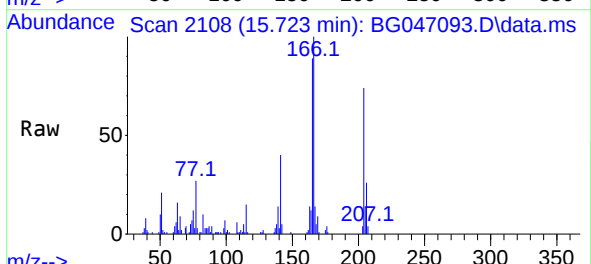
Manual Integrations
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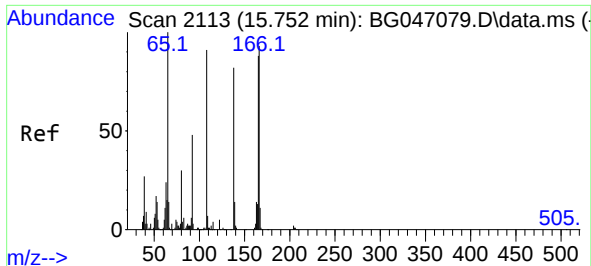
mohammad
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#61
4-Chlorophenyl-phenylether
Concen: 5.22 ng
RT: 15.723 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:204 Resp: 26772
Ion Ratio Lower Upper
204 100
206 34.8 27.8 41.8
141 54.0 41.5 62.3





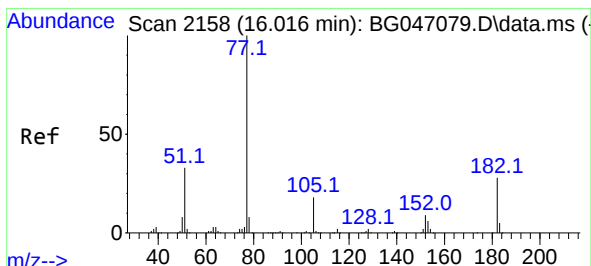
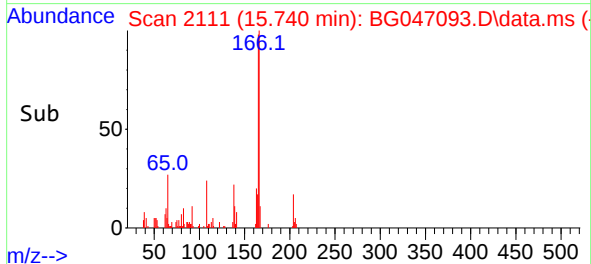
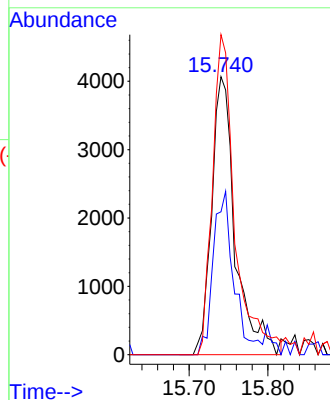
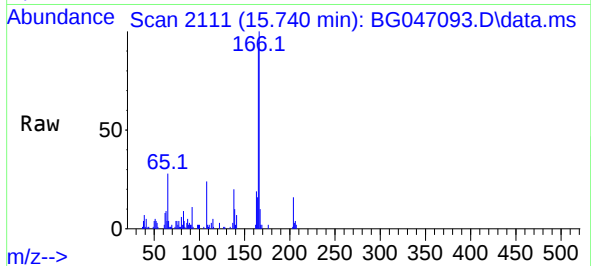
#62
4-Nitroaniline
Concen: 4.12 ng m
RT: 15.740 min Scan# 2111
Delta R.T. -0.011 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:138 Resp: 8489
Ion Ratio Lower Upper
138 100
92 51.4 26.9 66.9
108 115.1 49.4 89.4#

Instrument :
BNA_G
ClientSampleId :
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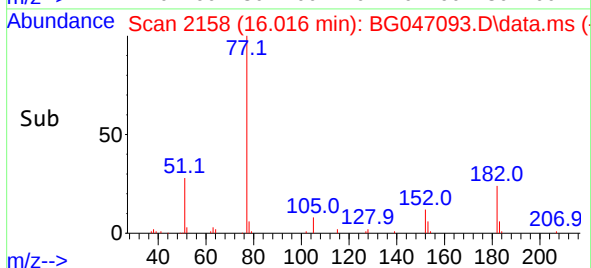
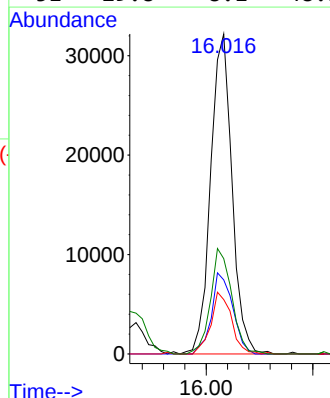
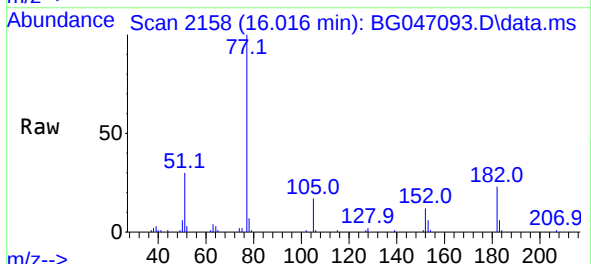
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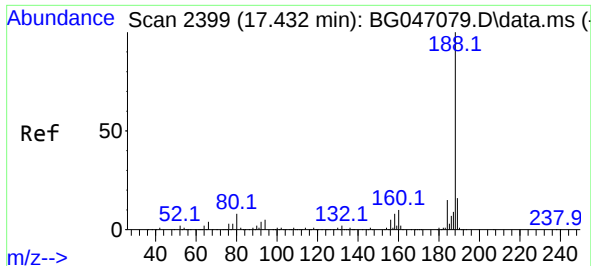
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#63
Azobenzene
Concen: 5.47 ng
RT: 16.016 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

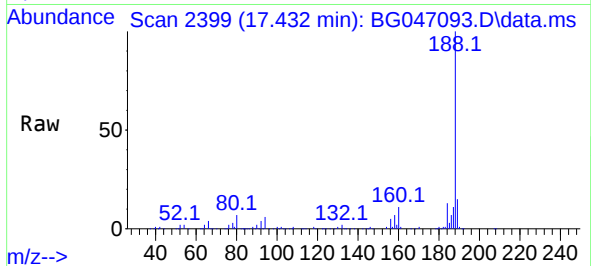
Tgt Ion: 77 Resp: 44834
Ion Ratio Lower Upper
77 100
182 23.1 14.0 54.0
105 17.0 3.0 43.0
51 29.8 8.1 48.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.432 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

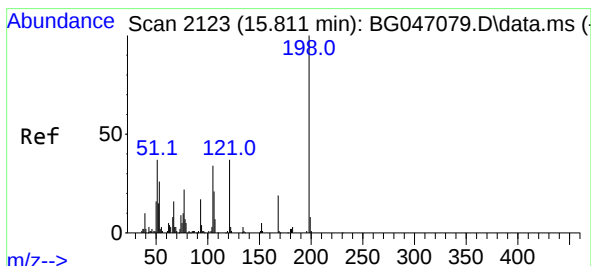
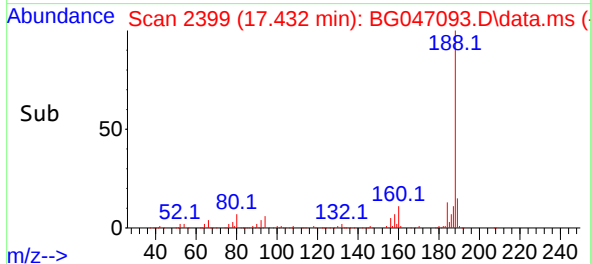
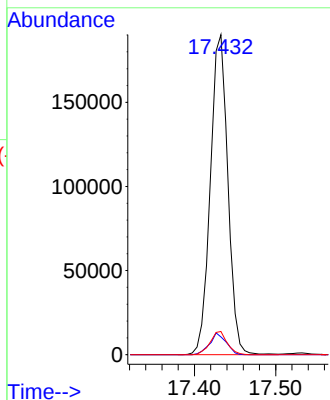
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:188 Resp: 284851
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.3 7.0 10.6

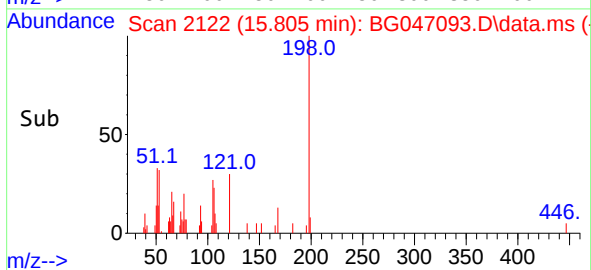
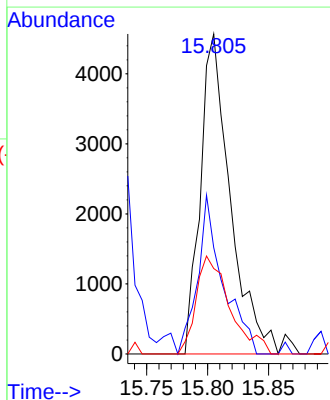
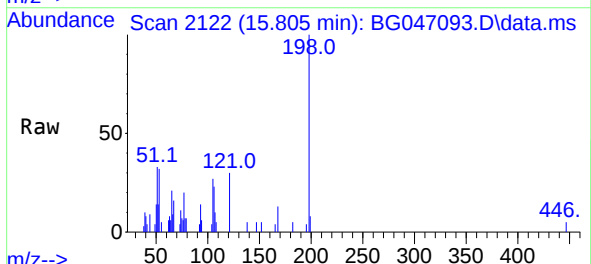
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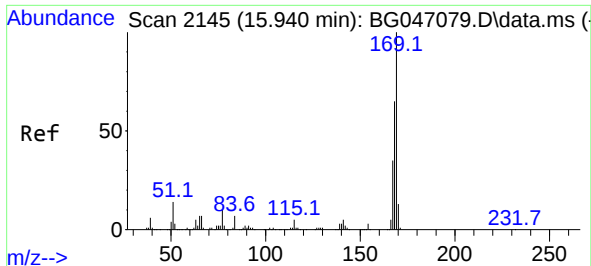
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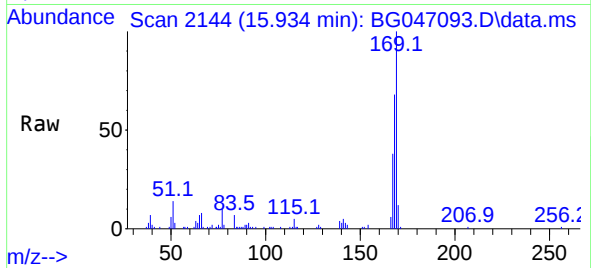
#65
4,6-Dinitro-2-methylphenol
Concen: 4.45 ng
RT: 15.805 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:198 Resp: 7791
Ion Ratio Lower Upper
198 100
51 33.2 10.4 50.4
105 26.7 12.9 52.9

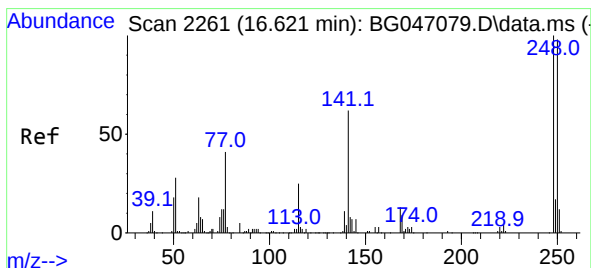
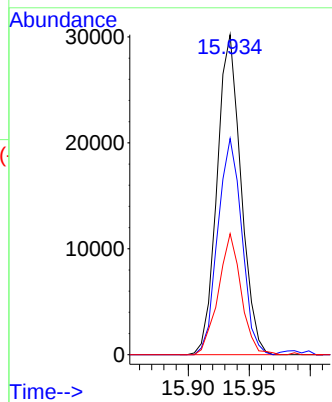
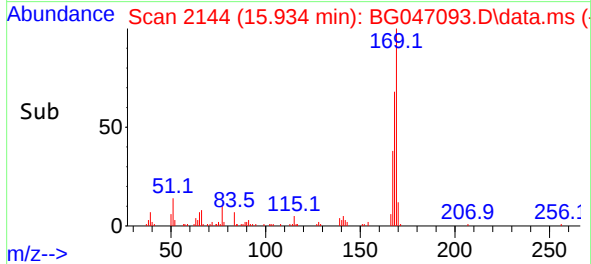




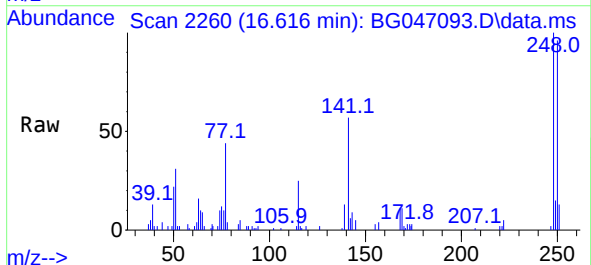
#66
n-Nitrosodiphenylamine
Concen: 5.05 ng
RT: 15.934 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



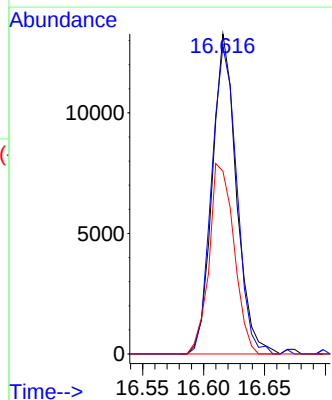
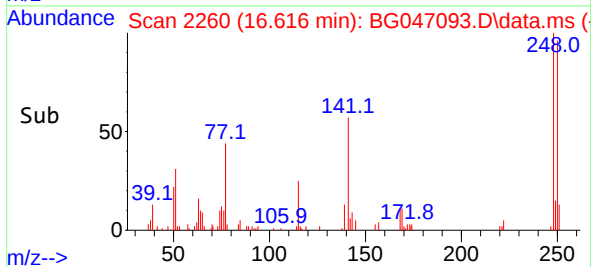
Tgt Ion:169 Resp: 41241
Ion Ratio Lower Upper
169 100
168 67.5 55.5 83.3
167 37.8 30.5 45.7



#67
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 16.616 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



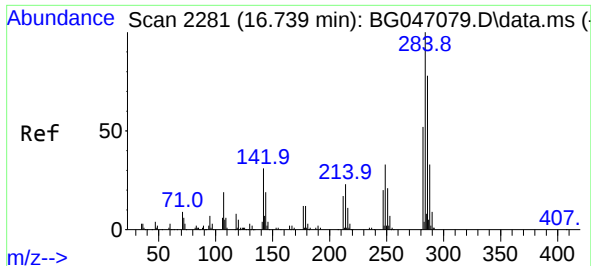
Tgt Ion:248 Resp: 18241
Ion Ratio Lower Upper
248 100
250 96.2 78.9 118.3
141 57.1 46.2 69.4



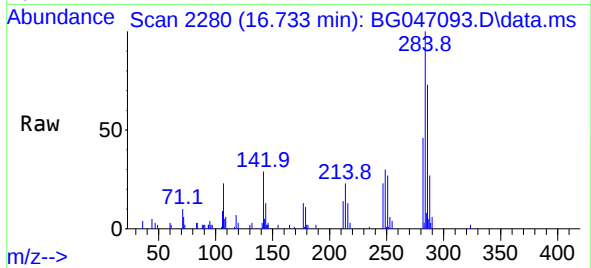
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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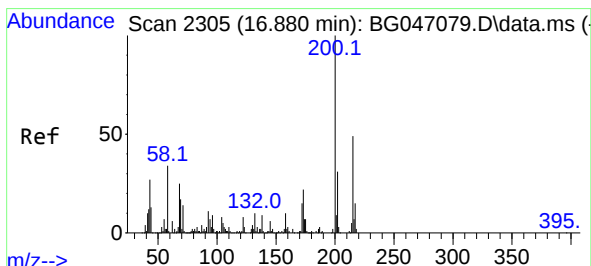
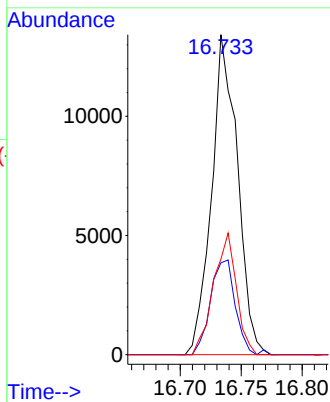
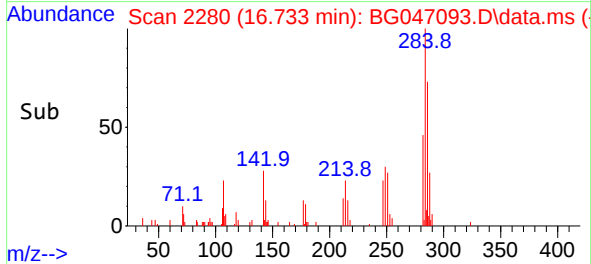
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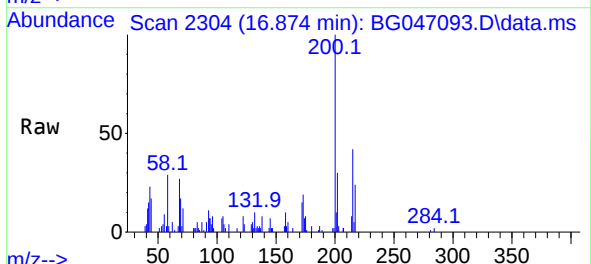
#68
Hexachlorobenzene
Concen: 5.02 ng
RT: 16.733 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



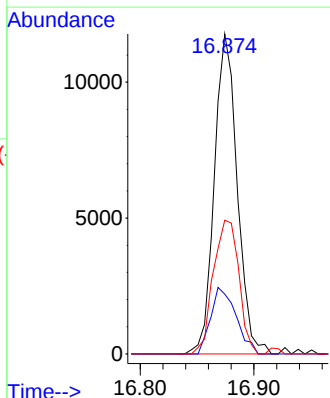
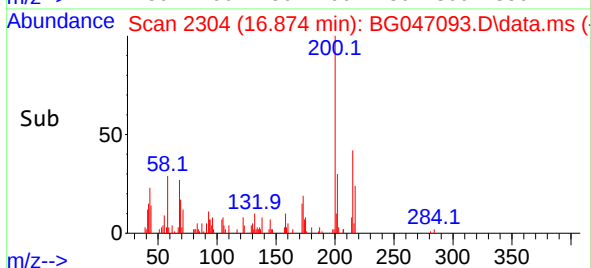
Tgt Ion:284 Resp: 19839
Ion Ratio Lower Upper
284 100
142 28.7 21.1 31.7
249 29.9 25.9 38.9



#69
Atrazine
Concen: 4.90 ng
RT: 16.874 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



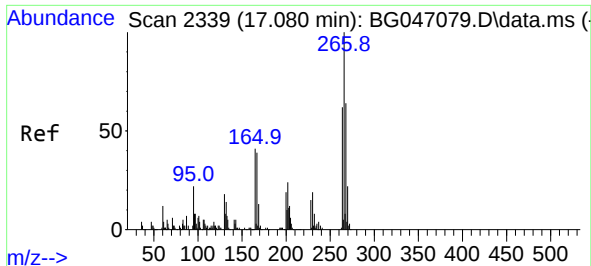
Tgt Ion:200 Resp: 16471
Ion Ratio Lower Upper
200 100
173 18.7 4.2 44.2
215 41.8 30.0 70.0



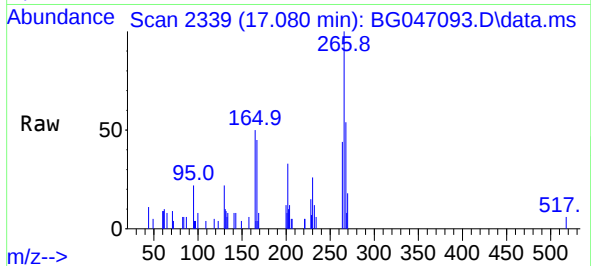
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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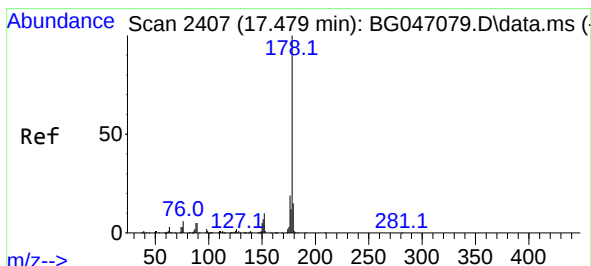
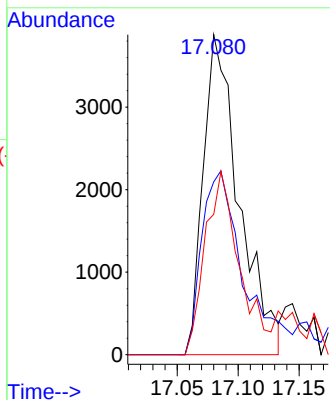
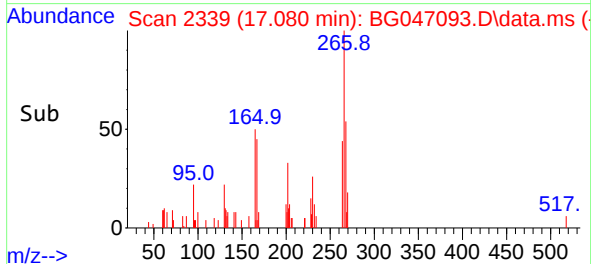
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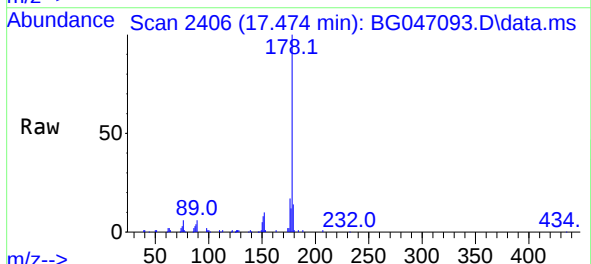
#70
Pentachlorophenol
Concen: 3.46 ng
RT: 17.080 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



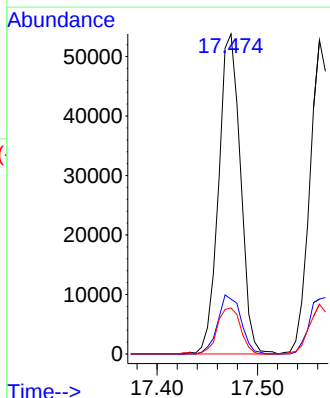
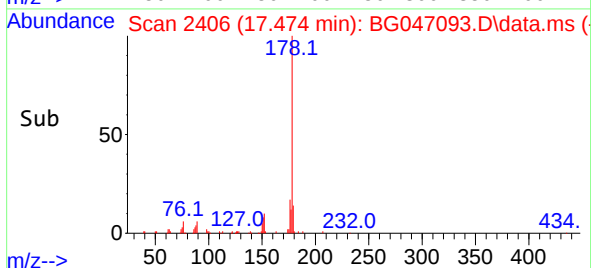
Tgt Ion:266 Resp: 7968
Ion Ratio Lower Upper
266 100
268 61.7 49.8 74.6
264 43.9 49.3 73.9#



#71
Phenanthrene
Concen: 5.34 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



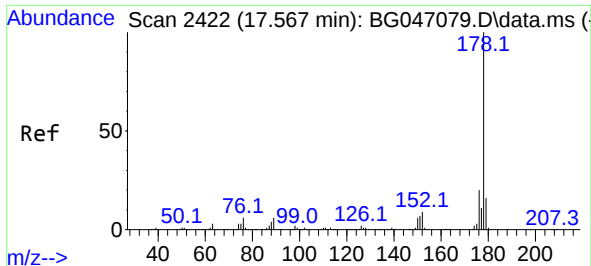
Tgt Ion:178 Resp: 81210
Ion Ratio Lower Upper
178 100
176 17.2 16.7 25.1
179 14.4 14.0 21.0



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

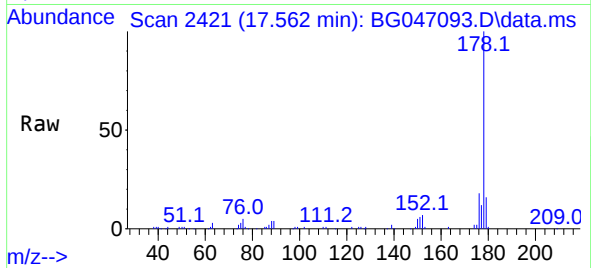
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#72
 Anthracene
 Concen: 5.53 ng
 RT: 17.562 min Scan# 2421
 Delta R.T. -0.006 min
 Lab File: BG047093.D
 Acq: 27 Oct 2020 13:43

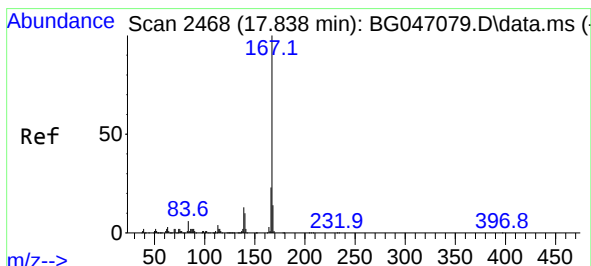
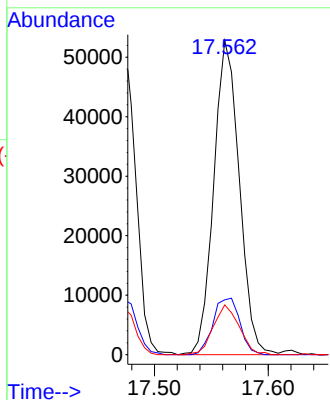
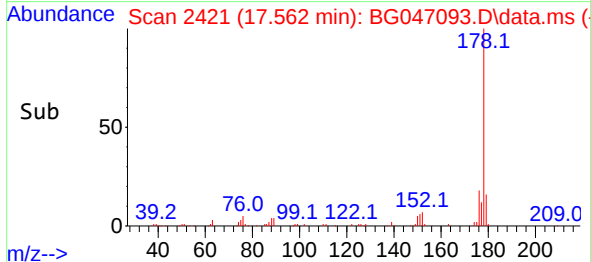
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020



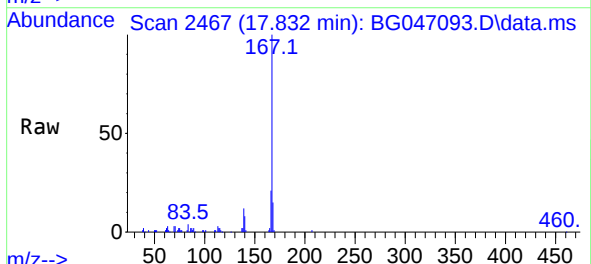
Tgt Ion:178 Resp: 82451
 Ion Ratio Lower Upper
 178 100
 176 17.5 16.4 24.6
 179 15.8 13.8 20.6

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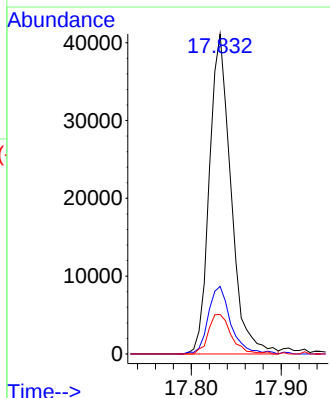
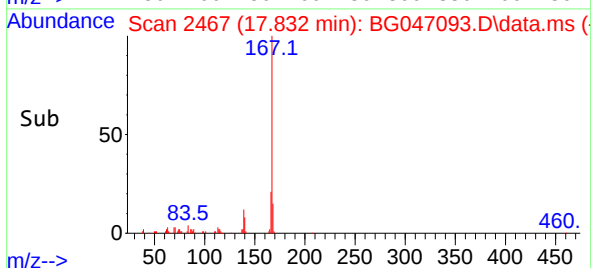
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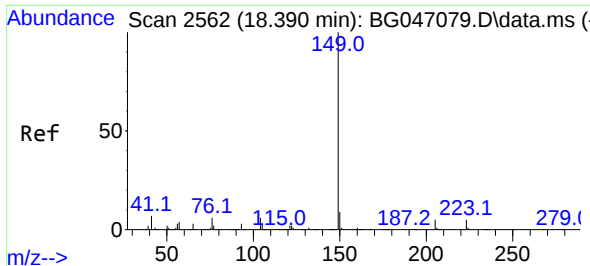


#73
 Carbazole
 Concen: 5.17 ng
 RT: 17.832 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BG047093.D
 Acq: 27 Oct 2020 13:43



Tgt Ion:167 Resp: 68560
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.7 28.1
 139 12.4 9.6 14.4





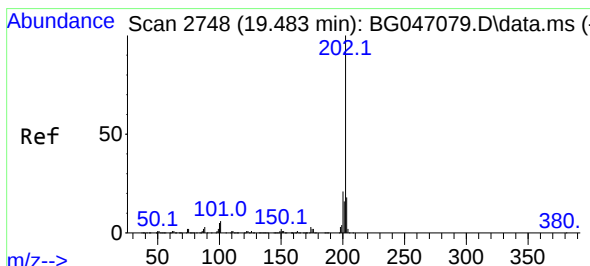
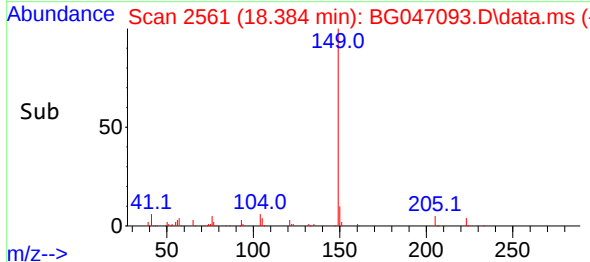
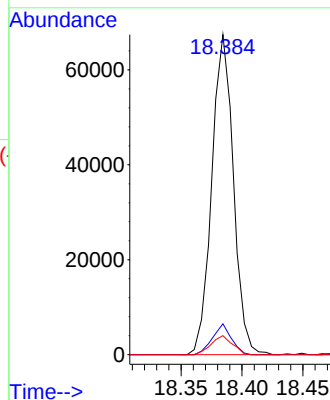
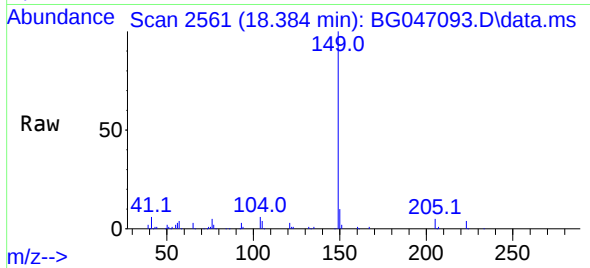
#74
Di-n-butylphthalate
Concen: 5.07 ng
RT: 18.384 min Scan# 2561
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:149 Resp: 83111
Ion Ratio Lower Upper
149 100
150 9.6 8.2 12.4
104 6.0 3.8 5.8#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

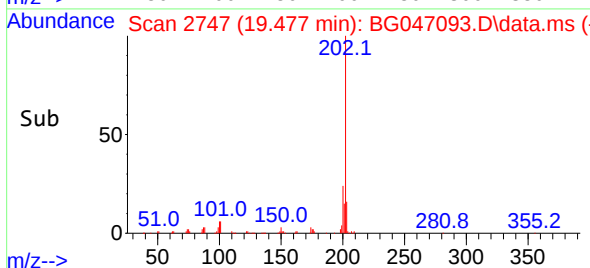
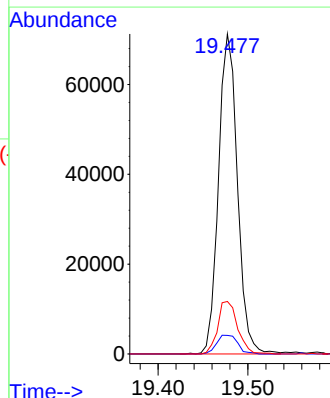
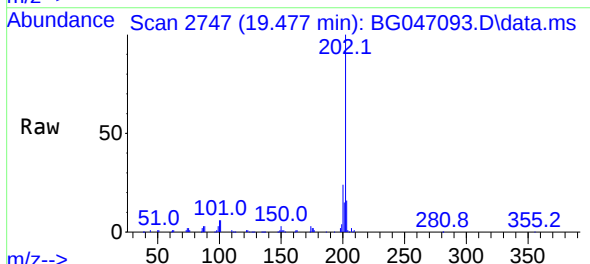
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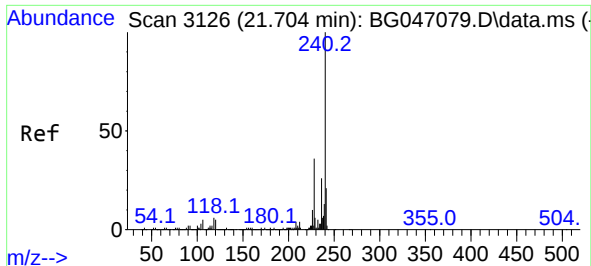
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#75
Fluoranthene
Concen: 5.33 ng
RT: 19.477 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:202 Resp: 104217
Ion Ratio Lower Upper
202 100
101 5.8 0.0 29.7
203 16.4 0.0 39.2





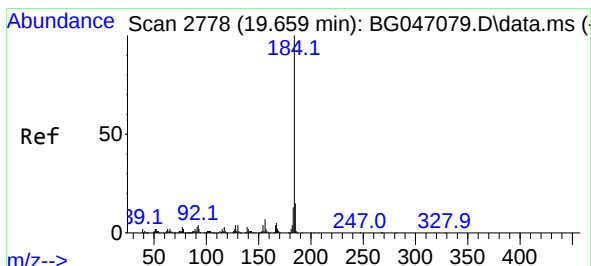
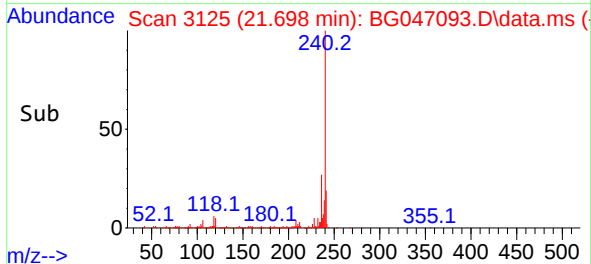
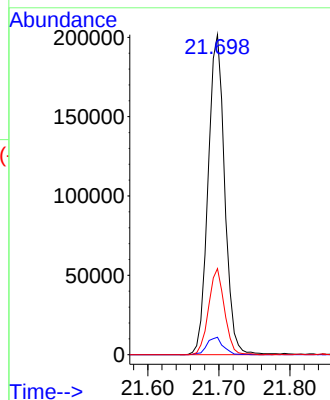
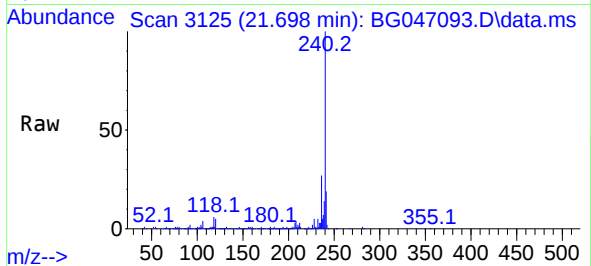
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.698 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:240 Resp: 326314
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.9 20.5 30.7

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

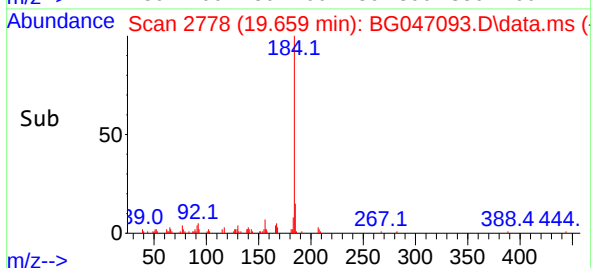
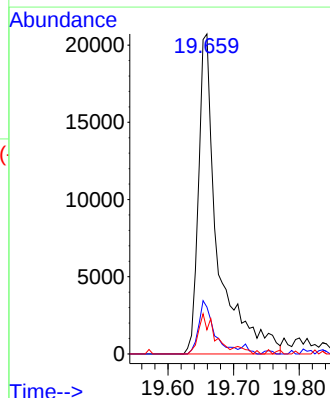
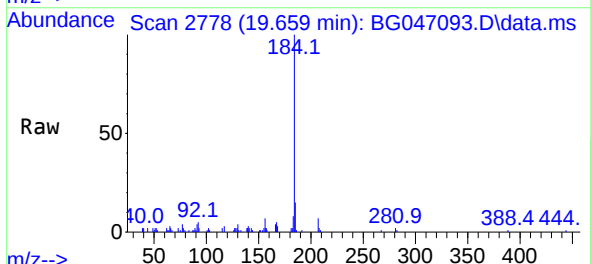
Manual Integrations
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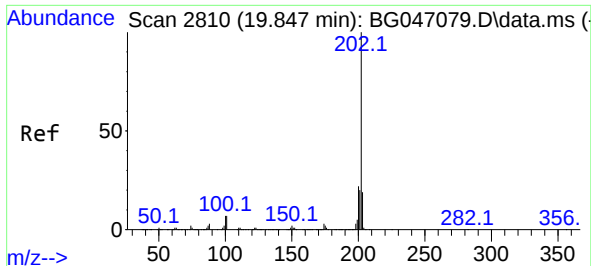
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#77
Benzidine
Concen: 5.69 ng
RT: 19.659 min Scan# 2778
Delta R.T. 0.000 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

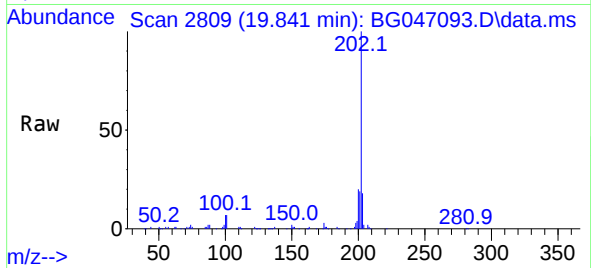
Tgt Ion:184 Resp: 42404
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 7.6 10.6 15.8#





#78
Pyrene
Concen: 5.14 ng
RT: 19.841 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

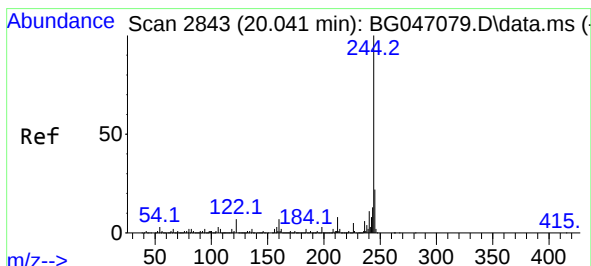
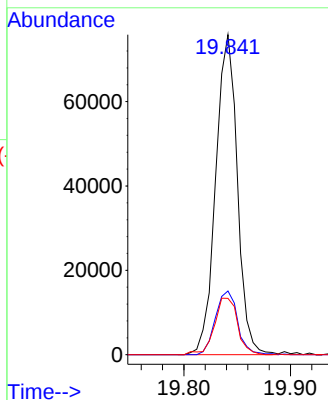
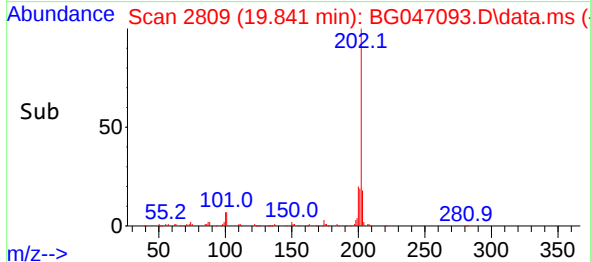
Instrument :
BNA_G
ClientSampleId :
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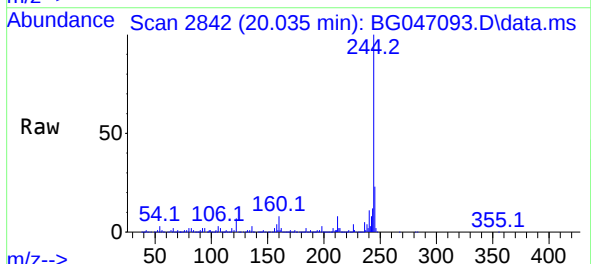
Tgt Ion:202 Resp: 106978
Ion Ratio Lower Upper
202 100
200 19.9 18.6 27.8
203 17.6 15.3 22.9

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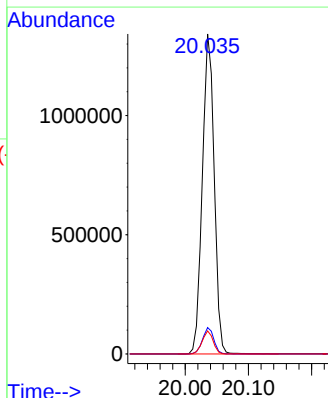
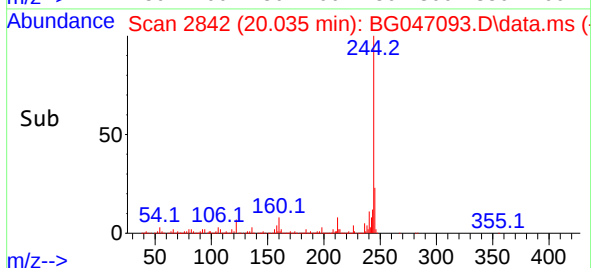
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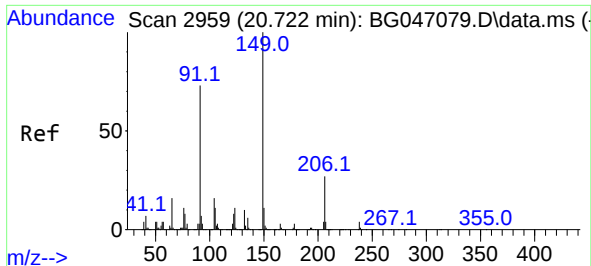


#79
Terphenyl-d14
Concen: 104.35 ng
RT: 20.035 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

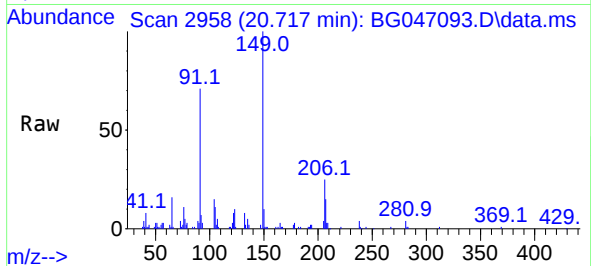


Tgt Ion:244 Resp: 1751259
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.2 7.8 11.6#

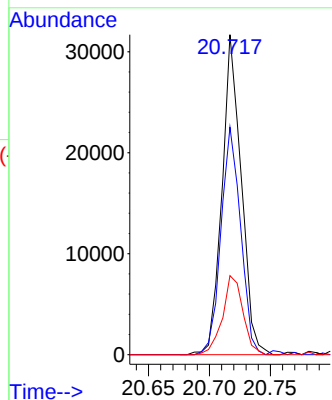




#80
Butylbenzylphthalate
Concen: 4.37 ng
RT: 20.717 min Scan# 2958
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



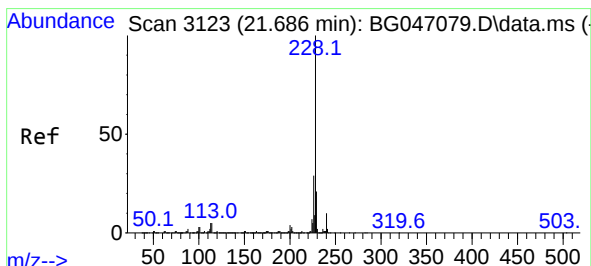
Tgt Ion:149 Resp: 34813
Ion Ratio Lower Upper
149 100
91 71.1 51.5 77.3
206 24.7 21.2 31.8



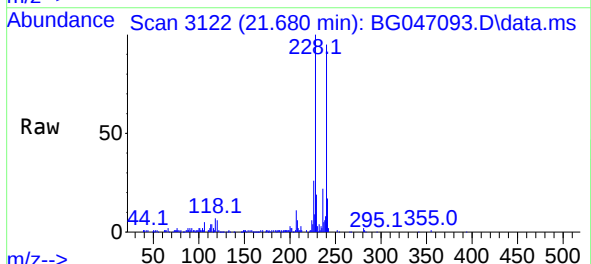
Instrument :
BNA_G
ClientSampleId :
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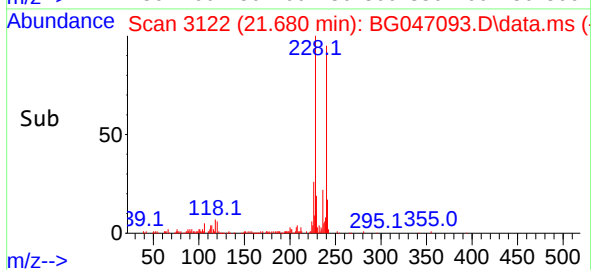
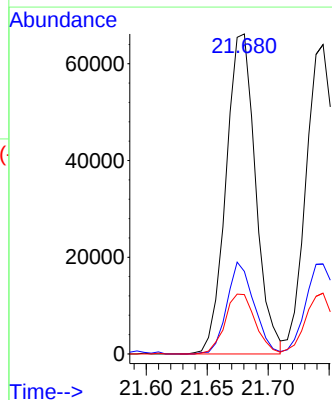
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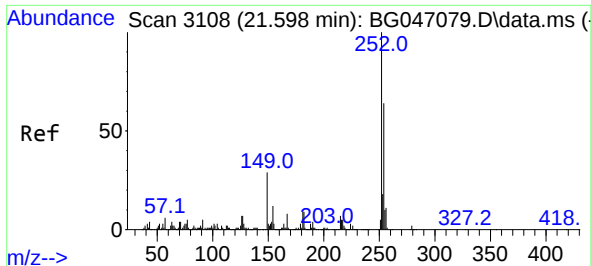


#81
Benzo(a)anthracene
Concen: 5.23 ng
RT: 21.680 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion:228 Resp: 111711
Ion Ratio Lower Upper
228 100
226 25.8 23.3 34.9
229 18.6 17.4 26.0





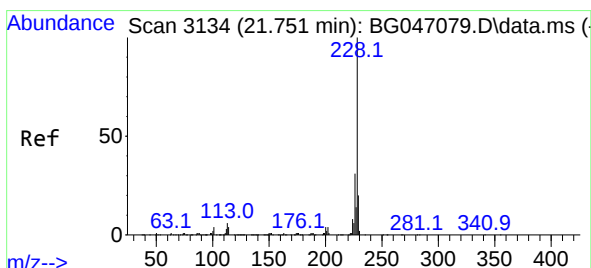
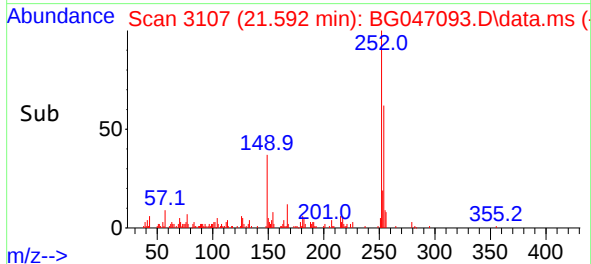
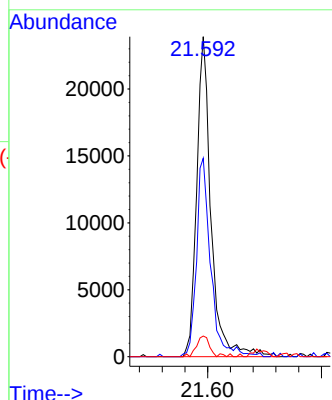
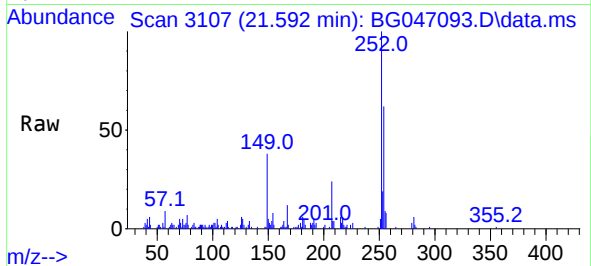
#82
3,3'-Dichlorobenzidine
Concen: 5.41 ng
RT: 21.592 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:252 Resp: 41982
Ion Ratio Lower Upper
252 100
254 62.0 53.2 79.8
126 6.5 6.8 10.2#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

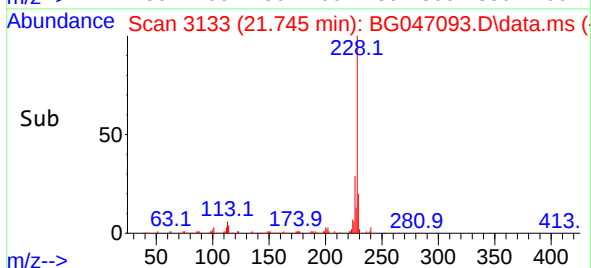
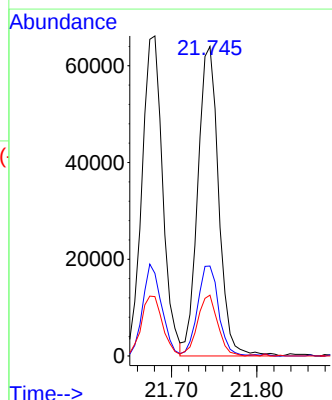
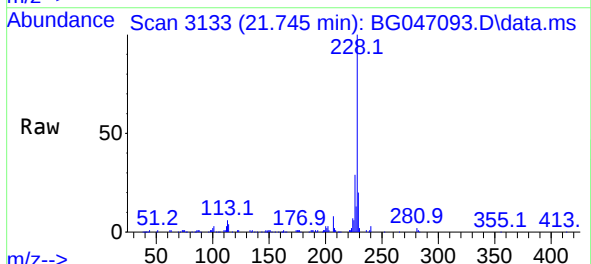
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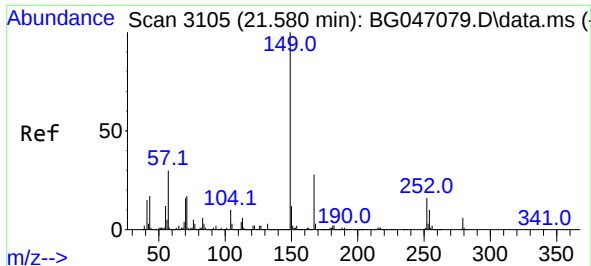
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#83
Chrysene
Concen: 5.34 ng
RT: 21.745 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:228 Resp: 108779
Ion Ratio Lower Upper
228 100
226 29.1 25.0 37.4
229 19.6 17.3 25.9





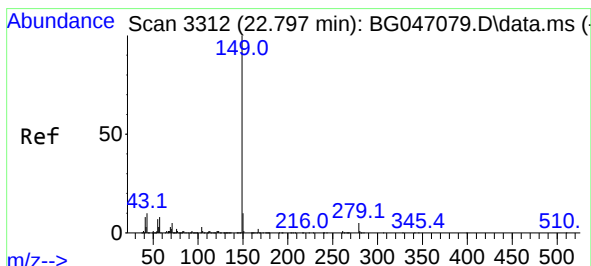
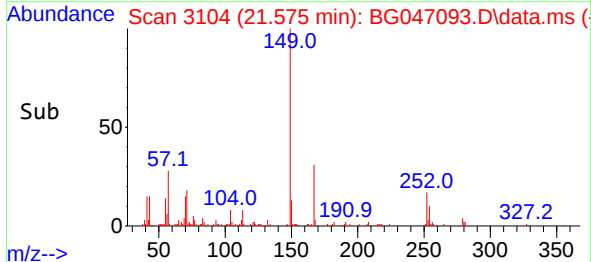
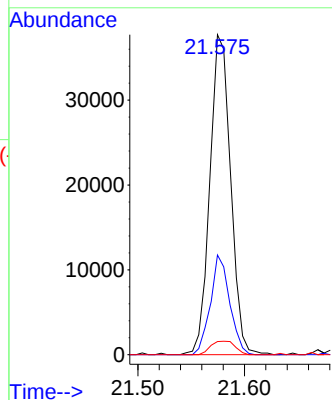
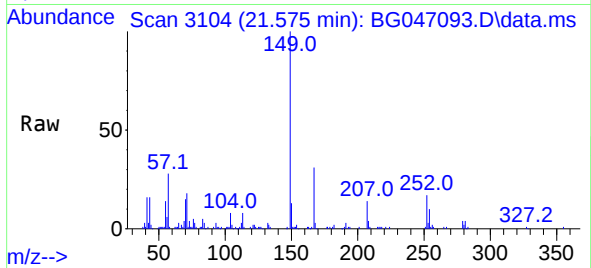
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.54 ng
RT: 21.575 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Tgt Ion:	149	Resp:	51021
Ion Ratio	Lower	Upper	
149	100		
167	31.2	24.8	37.2
279	4.1	4.6	7.0#

Instrument :
BNA_G
ClientSampleId :
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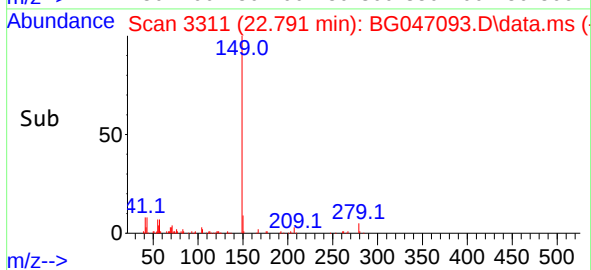
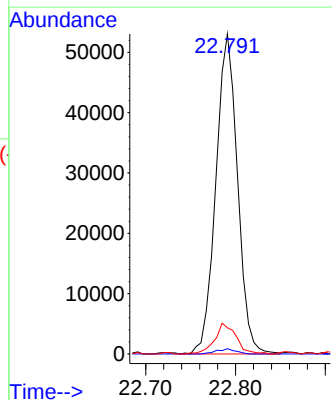
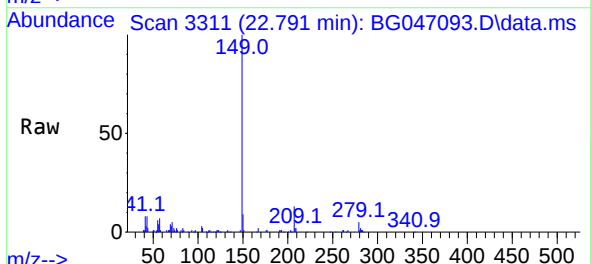
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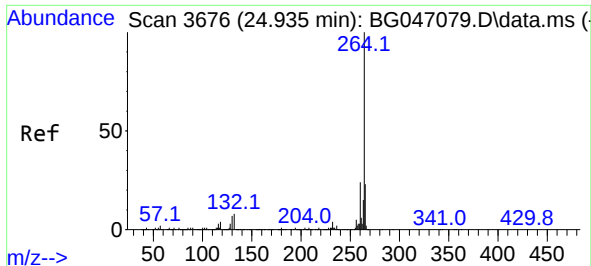
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#85
Di-n-octyl phthalate
Concen: 4.70 ng
RT: 22.791 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

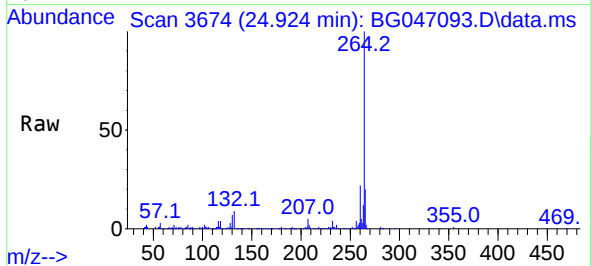
Tgt Ion:	149	Resp:	88847
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.4	2.2#
43	9.5	6.8	10.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.924 min Scan# 3674
Delta R.T. -0.012 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

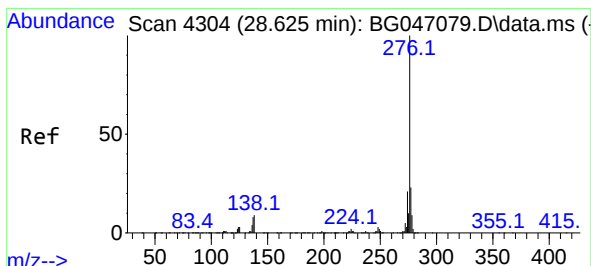
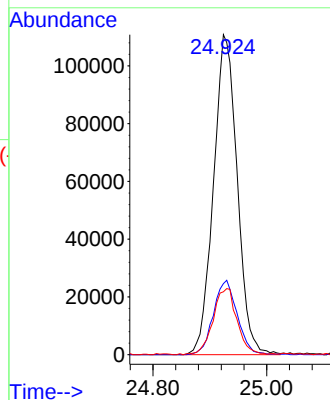
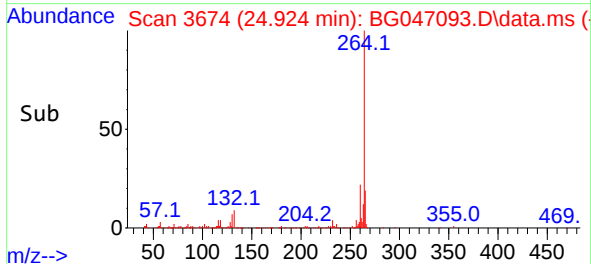


Tgt Ion:264 Resp: 320655

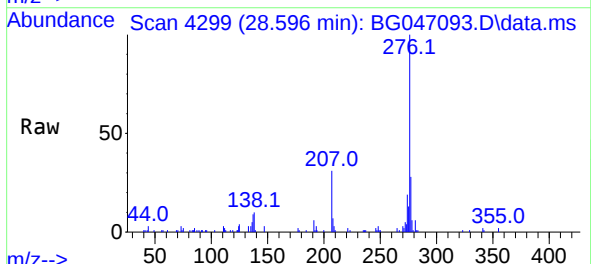
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.8	28.2
265	19.6	17.8	26.8

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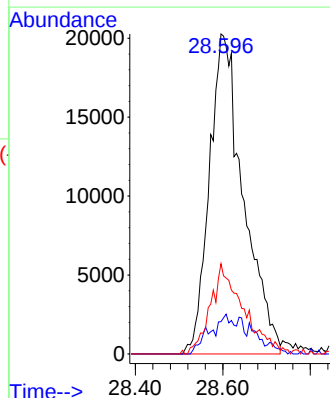
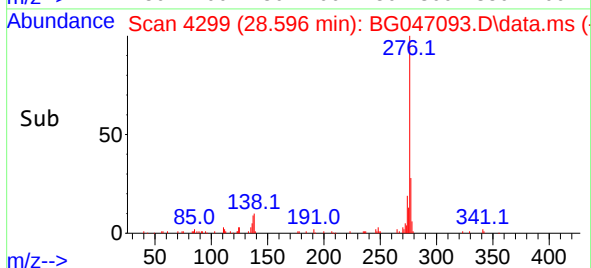


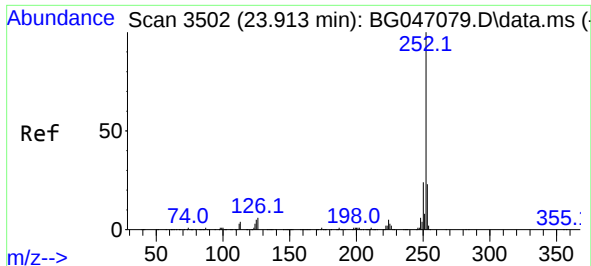
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.67 ng
RT: 28.596 min Scan# 4299
Delta R.T. -0.029 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion:276 Resp: 109296

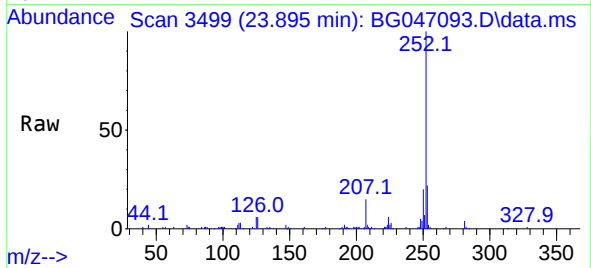
Ion	Ratio	Lower	Upper
276	100		
138	4.6	16.2	24.2
277	27.2	20.3	30.5





#88
Benzo(b)fluoranthene
Concen: 4.94 ng
RT: 23.895 min Scan# 3499
Delta R.T. -0.017 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

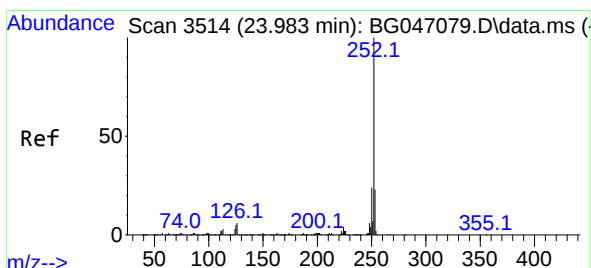
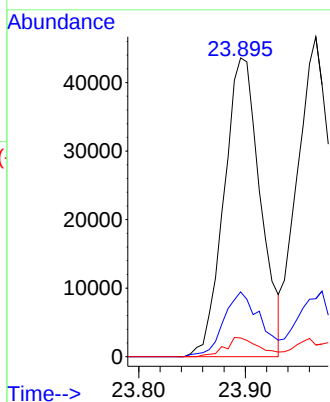
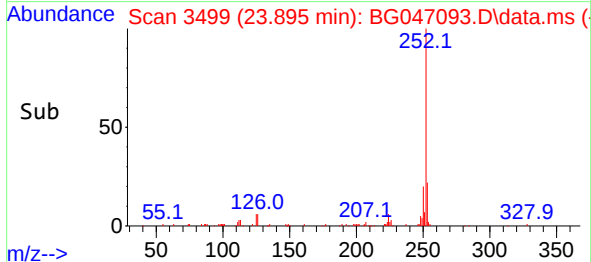
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



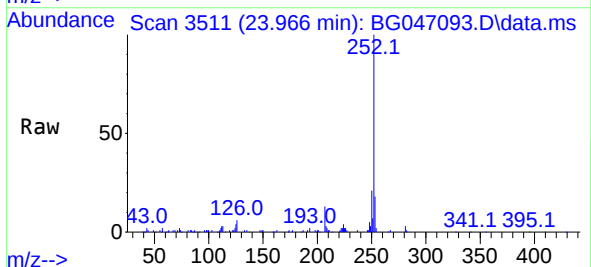
Tgt Ion:252 Resp: 103532
Ion Ratio Lower Upper
252 100
253 21.7 18.7 28.1
125 6.3 6.5 9.7#

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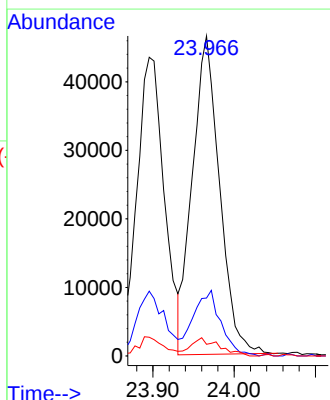
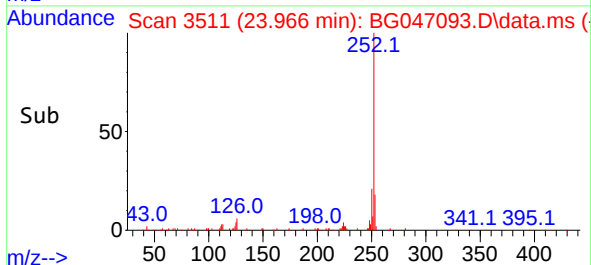
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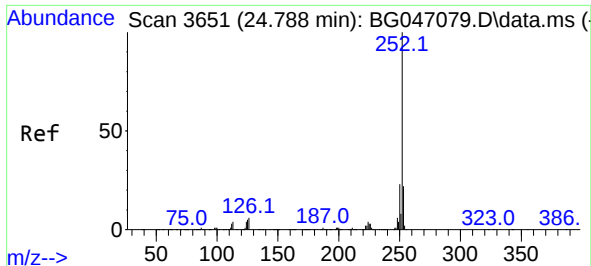


#89
Benzo(k)fluoranthene
Concen: 5.30 ng
RT: 23.966 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



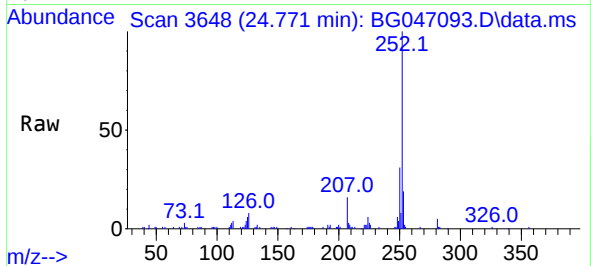
Tgt Ion:252 Resp: 107846
Ion Ratio Lower Upper
252 100
253 18.1 18.6 27.8#
125 3.7 6.8 10.2#





#90
Benzo(a)pyrene
Concen: 4.74 ng
RT: 24.771 min Scan# 3648
Delta R.T. -0.017 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

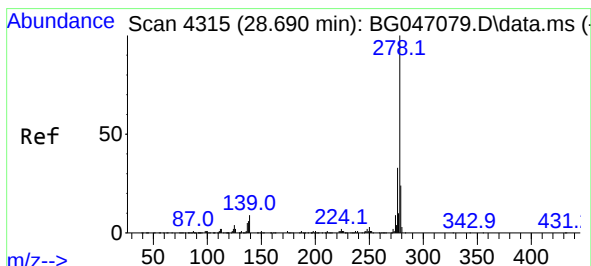
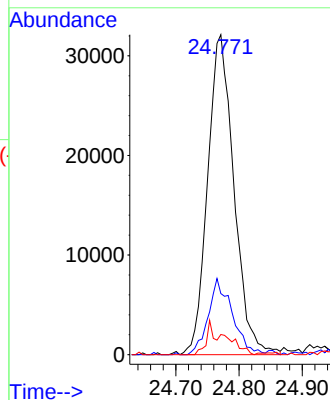
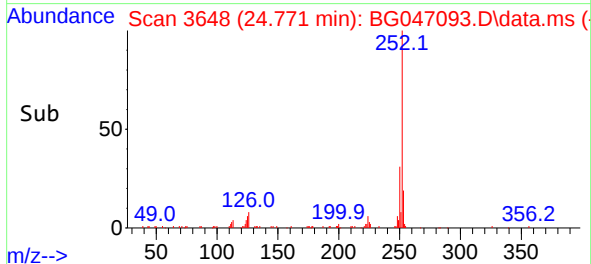
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



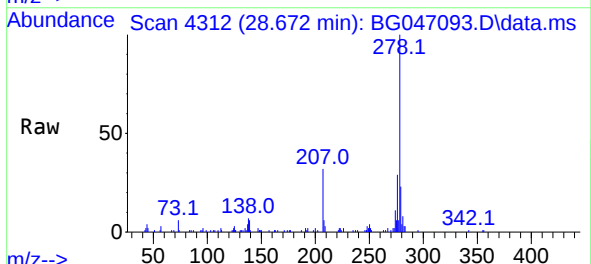
Tgt Ion:252 Resp: 92844
Ion Ratio Lower Upper
252 100
253 19.1 17.9 26.9
125 6.3 7.0 10.4#

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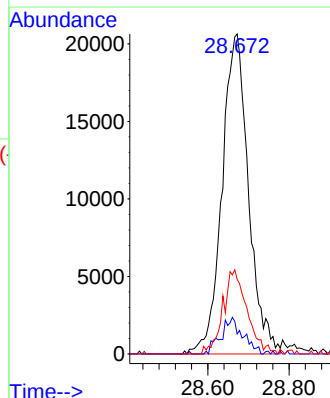
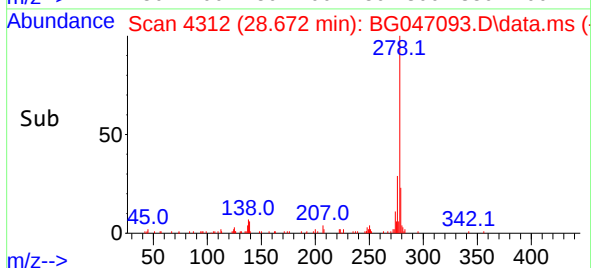
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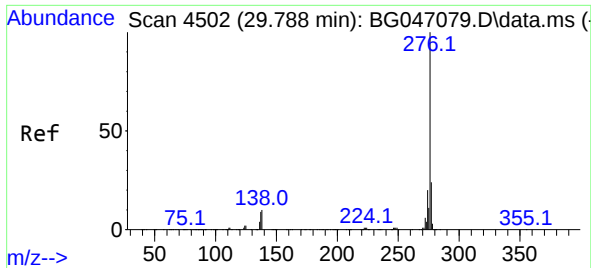


#91
Dibenzo(a,h)anthracene
Concen: 4.91 ng
RT: 28.672 min Scan# 4312
Delta R.T. -0.017 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43

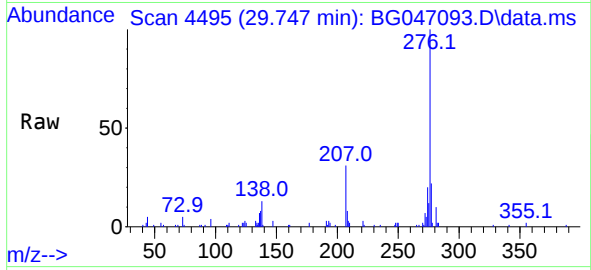


Tgt Ion:278 Resp: 93371
Ion Ratio Lower Upper
278 100
139 7.1 10.5 15.7#
279 23.4 19.4 29.0

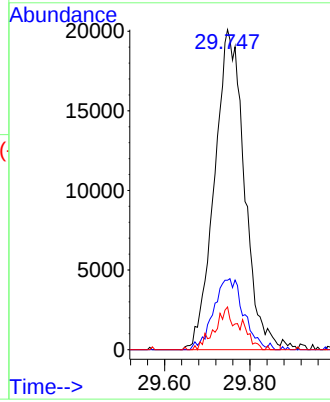
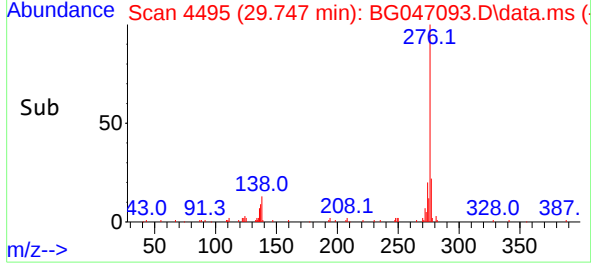




#92
Benzo(g,h,i)perylene
Concen: 5.16 ng
RT: 29.747 min Scan# 4495
Delta R.T. -0.041 min
Lab File: BG047093.D
Acq: 27 Oct 2020 13:43



Tgt Ion:276 Resp: 97598
Ion Ratio Lower Upper
276 100
277 21.7 19.6 29.4
138 13.4 13.4 20.2#



Instrument :
BNA_G
ClientSampleId :
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