

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
 Data File : BG047096.D
 Acq On : 27 Oct 2020 15:44
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 12 Sample Multiplier: 1

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

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

Quant Time: Oct 27 16:18:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 12:36:22 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	35376	20.00	ng	0.00
21) Naphthalene-d8	10.864	136	144071	20.00	ng	# 0.00
39) Acenaphthene-d10	14.684	164	104370	20.00	ng	0.00
64) Phenanthrene-d10	17.427	188	261675	20.00	ng	# 0.00
76) Chrysene-d12	21.699	240	343605	20.00	ng	# 0.00
86) Perylene-d12	24.930	264	344851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	235532	118.02	ng	0.00
7) Phenol-d6	7.204	99	319314	110.65	ng	0.00
23) Nitrobenzene-d5	9.219	82	261864	87.04	ng	0.00
42) 2,4,6-Tribromophenol	16.170	330	177829	106.30	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	646763	87.61	ng	0.00
79) Terphenyl-d14	20.036	244	1381829	78.20	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.497	88	9665	10.72	ng	# 92
3) Pyridine	3.902	79	24541	10.03	ng	# 90
4) n-Nitrosodimethylamine	3.814	42	12172	9.39	ng	# 69
6) Aniline	7.374	93	35921	10.53	ng	92
8) 2-Chlorophenol	7.621	128	21254	10.02	ng	90
9) Benzaldehyde	7.192	77	22045	13.63	ng	# 84
10) Phenol	7.233	94	26368	9.67	ng	# 72
11) bis(2-Chloroethyl)ether	7.468	93	22838	10.65	ng	93
12) 1,3-Dichlorobenzene	7.944	146	27415	10.14	ng	# 93
13) 1,4-Dichlorobenzene	8.091	146	25868	9.48	ng	96
14) 1,2-Dichlorobenzene	8.409	146	26611	10.28	ng	95
15) Benzyl Alcohol	8.291	79	21051	9.36	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.579	45	31561	9.30	ng	93
17) 2-Methylphenol	8.485	107	18362	9.80	ng	# 92
18) Hexachloroethane	9.149	117	9505	9.30	ng	84
19) n-Nitroso-di-n-propyla...	8.849	70	18980	9.66	ng	95
20) 3+4-Methylphenols	8.814	107	23860	9.44	ng	90
22) Acetophenone	8.873	105	36666	9.45	ng	# 90
24) Nitrobenzene	9.260	77	29629	9.49	ng	# 82
25) Isophorone	9.777	82	49529	9.20	ng	# 95
26) 2-Nitrophenol	9.971	139	11707	8.64	ng	# 78
27) 2,4-Dimethylphenol	10.024	122	20579	11.12	ng	95
28) bis(2-Chloroethoxy)met...	10.259	93	30130	9.07	ng	# 88
29) 2,4-Dichlorophenol	10.506	162	23266	9.13	ng	85
30) 1,2,4-Trichlorobenzene	10.729	180	28239	8.99	ng	89
31) Naphthalene	10.917	128	69968	9.29	ng	96
32) Benzoic acid	10.095	122	7565m	5.17	ng	
33) 4-Chloroaniline	11.017	127	28898	8.82	ng	# 90
34) Hexachlorobutadiene	11.199	225	20486	8.70	ng	92
35) Caprolactam	11.763	113	7292	8.59	ng	# 86
36) 4-Chloro-3-methylphenol	12.134	107	22946	8.67	ng	# 88
37) 2-Methylnaphthalene	12.515	142	53721	9.18	ng	96
38) 1-Methylnaphthalene	12.739	142	49221	8.88	ng	93
40) 1,2,4,5-Tetrachloroben...	12.886	216	35886	9.41	ng	97
41) Hexachlorocyclopentadiene	12.862	237	20131	9.66	ng	89
43) 2,4,6-Trichlorophenol	13.121	196	20598	8.29	ng	96

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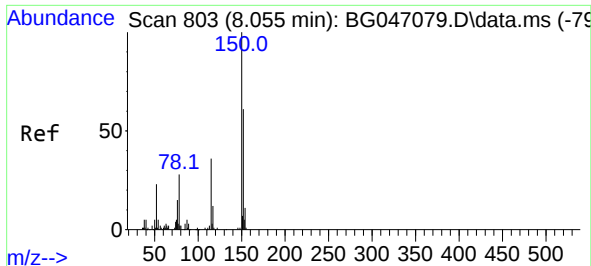
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.191	196	22237	8.80	ng	#	91
46) 1,1'-Biphenyl	13.520	154	72332	9.16	ng		90
47) 2-Chloronaphthalene	13.567	162	58282	8.96	ng		97
48) 2-Nitroaniline	13.761	65	16565	7.81	ng	#	69
49) Acenaphthylene	14.407	152	85283	9.03	ng	#	93
50) Dimethylphthalate	14.131	163	75881	8.83	ng		99
51) 2,6-Dinitrotoluene	14.249	165	15917	8.88	ng	#	82
52) Acenaphthene	14.748	154	53483	8.68	ng		96
53) 3-Nitroaniline	14.584	138	14199	7.97	ng	#	90
54) 2,4-Dinitrophenol	14.795	184	7120	6.02	ng		90
55) Dibenzofuran	15.083	168	92637	9.36	ng		99
56) 4-Nitrophenol	14.883	139	10761	7.72	ng	#	58
57) 2,4-Dinitrotoluene	15.036	165	21525	8.36	ng	#	64
58) Fluorene	15.729	166	72283	9.05	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.306	232	22668m	8.45	ng		
60) Diethylphthalate	15.494	149	78736	9.19	ng		97
61) 4-Chlorophenyl-phenyle...	15.723	204	41921	8.80	ng		91
62) 4-Nitroaniline	15.741	138	14869	7.77	ng	#	76
63) Azobenzene	16.017	77	72523	9.53	ng		93
65) 4,6-Dinitro-2-methylph...	15.806	198	12760	7.93	ng		88
66) n-Nitrosodiphenylamine	15.935	169	67991	9.06	ng		95
67) 4-Bromophenyl-phenylether	16.617	248	29273	8.50	ng		94
68) Hexachlorobenzene	16.734	284	32683	9.00	ng		93
69) Atrazine	16.875	200	28060	9.08	ng		95
70) Pentachlorophenol	17.081	266	14440	6.82	ng		92
71) Phenanthrene	17.474	178	128572	9.20	ng		97
72) Anthracene	17.562	178	130429	9.52	ng		95
73) Carbazole	17.827	167	116456	9.56	ng		94
74) Di-n-butylphthalate	18.385	149	148521	9.87	ng		97
75) Fluoranthene	19.478	202	180315	10.04	ng		94
77) Benzidine	19.654	184	87140	11.10	ng		94
78) Pyrene	19.842	202	183891	8.39	ng		95
80) Butylbenzylphthalate	20.718	149	68082	8.11	ng		91
81) Benzo(a)anthracene	21.675	228	203715	9.05	ng		95
82) 3,3'-Dichlorobenzidine	21.593	252	74741	9.16	ng	#	98
83) Chrysene	21.740	228	194268	9.06	ng		96
84) Bis(2-ethylhexyl)phtha...	21.575	149	99060	8.37	ng		91
85) Di-n-octyl phthalate	22.792	149	170297	8.56	ng		96
87) Indeno(1,2,3-cd)pyrene	28.602	276	214876	8.53	ng	#	85
88) Benzo(b)fluoranthene	23.896	252	195387	8.67	ng	#	97
89) Benzo(k)fluoranthene	23.967	252	196814	8.99	ng	#	95
90) Benzo(a)pyrene	24.778	252	180984	8.59	ng		96
91) Dibenzo(a,h)anthracene	28.679	278	173444	8.48	ng	#	90
92) Benzo(g,h,i)perylene	29.754	276	182712	8.99	ng	#	92

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



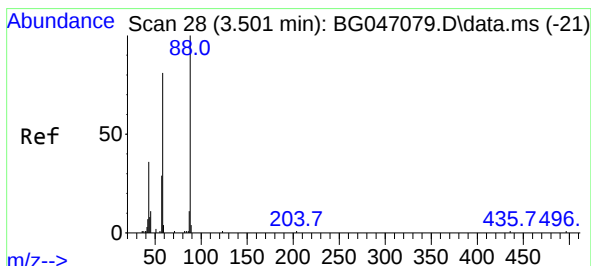
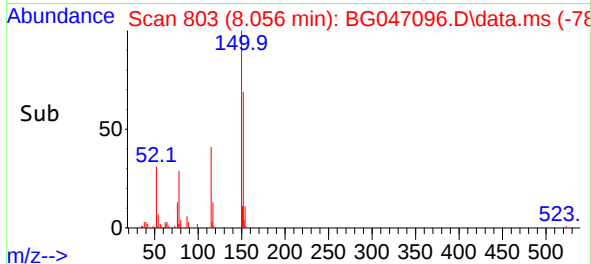
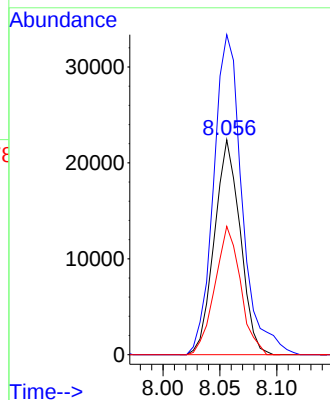
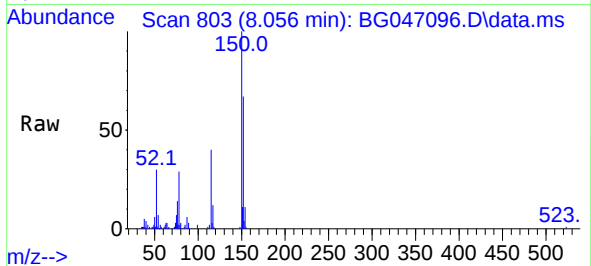
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:152 Resp: 35376
Ion Ratio Lower Upper
152 100
150 148.9 125.0 187.6
115 59.7 41.8 62.6

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

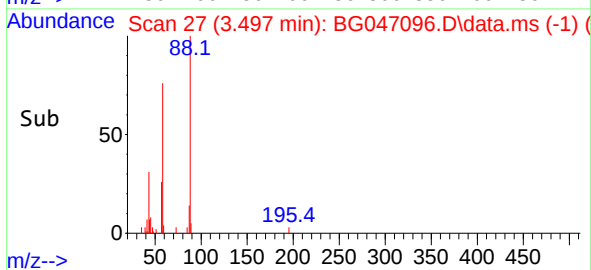
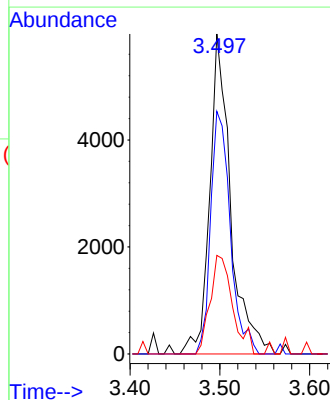
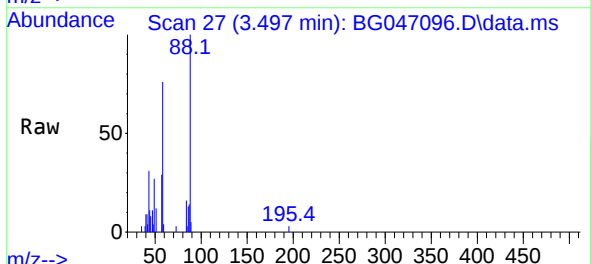
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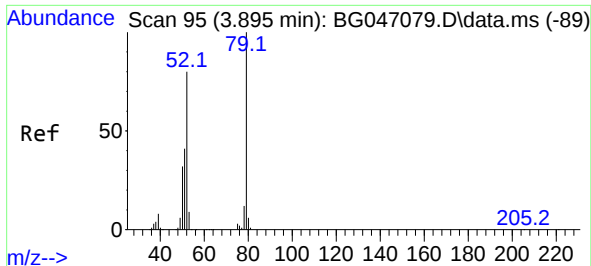
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#2
1,4-Dioxane
Concen: 10.72 ng
RT: 3.497 min Scan# 27
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 88 Resp: 9665
Ion Ratio Lower Upper
88 100
58 71.2 61.6 92.4
43 33.1 21.3 31.9#





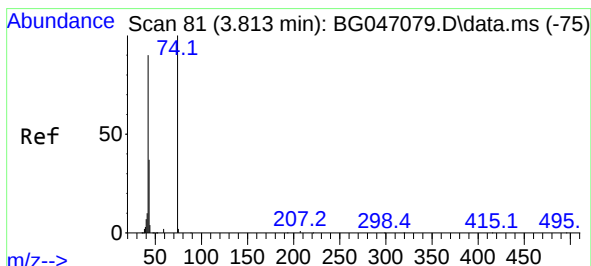
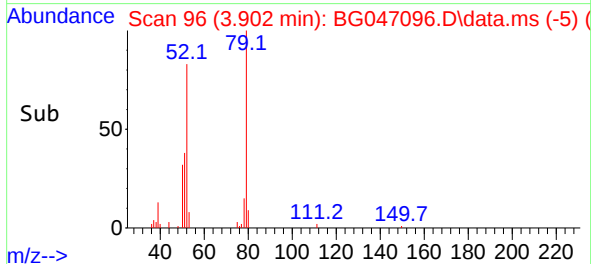
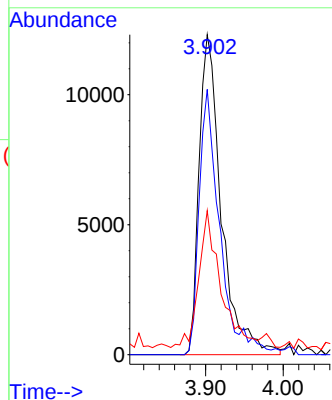
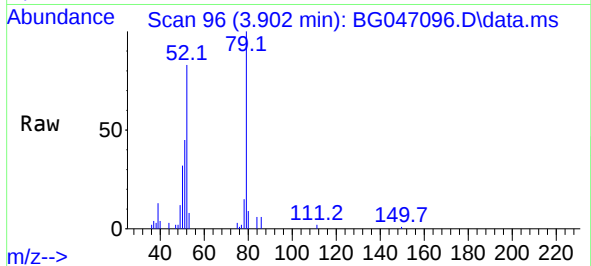
#3
Pyridine
Concen: 10.03 ng
RT: 3.902 min Scan# 96
Delta R.T. 0.007 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 79 Resp: 24541
Ion Ratio Lower Upper
79 100
52 82.9 61.3 91.9
51 45.0 28.4 42.6#

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

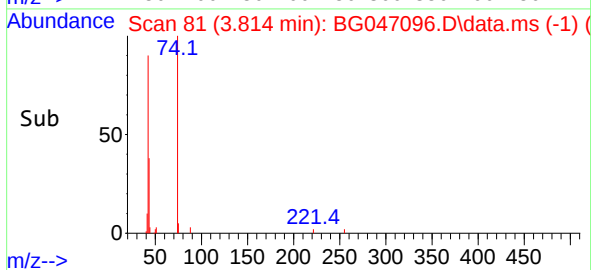
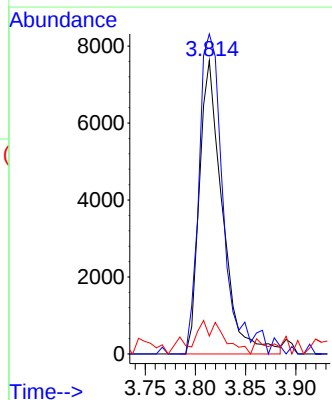
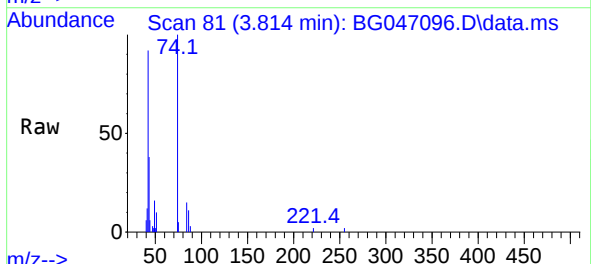
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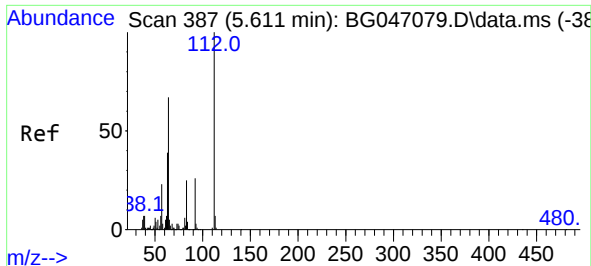
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#4
n-Nitrosodimethylamine
Concen: 9.39 ng
RT: 3.814 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

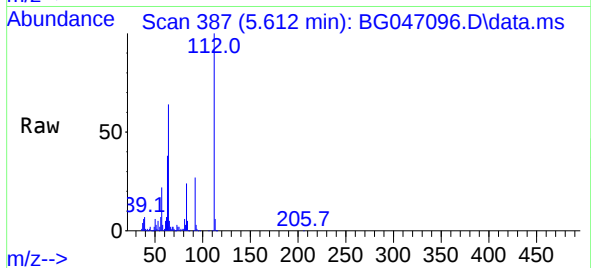
Tgt Ion: 42 Resp: 12172
Ion Ratio Lower Upper
42 100
74 109.0 120.4 180.6#
44 6.1 6.2 9.2#





#5
2-Fluorophenol
Concen: 118.02 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

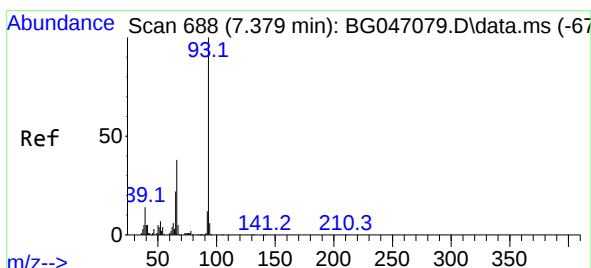
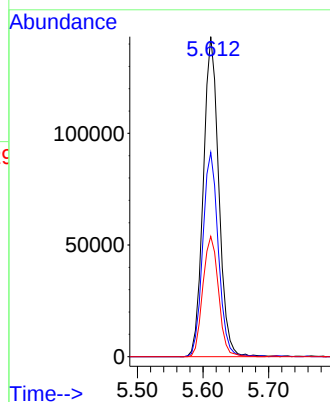
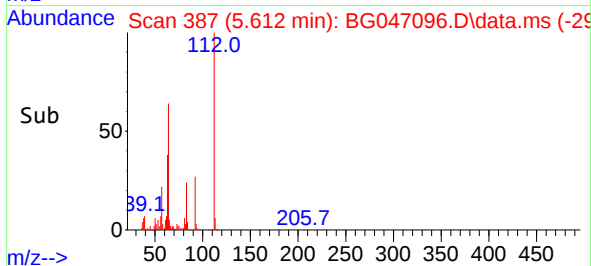
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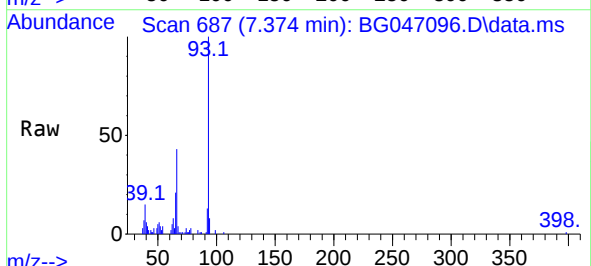
Tgt Ion:112 Resp: 235532
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 37.6 22.8 34.2#

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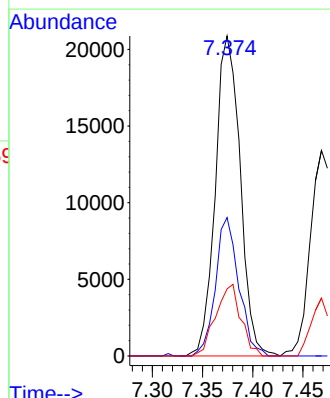
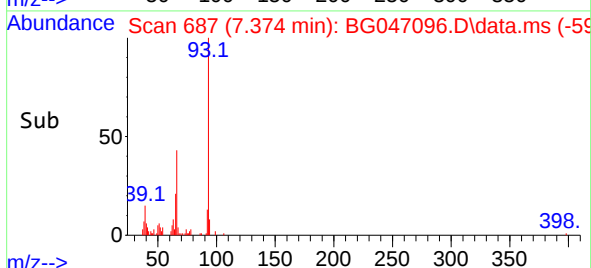
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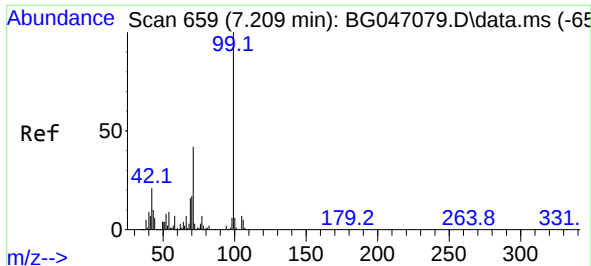


#6
Aniline
Concen: 10.53 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



Tgt Ion: 93 Resp: 35921
Ion Ratio Lower Upper
93 100
66 43.2 29.5 44.3
65 20.9 15.5 23.3





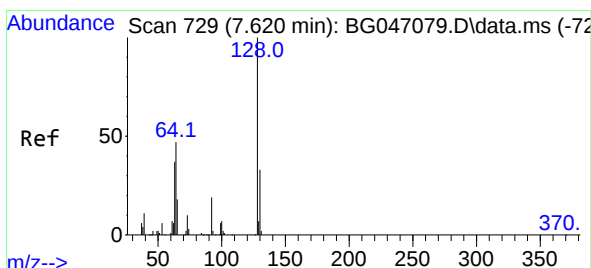
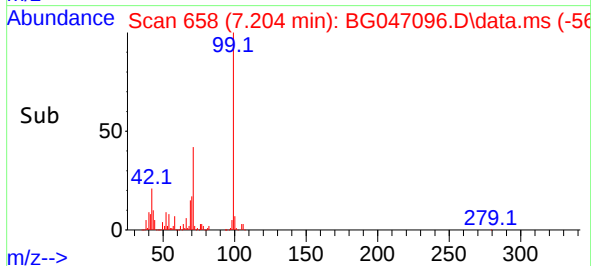
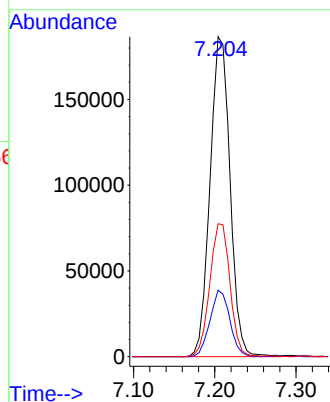
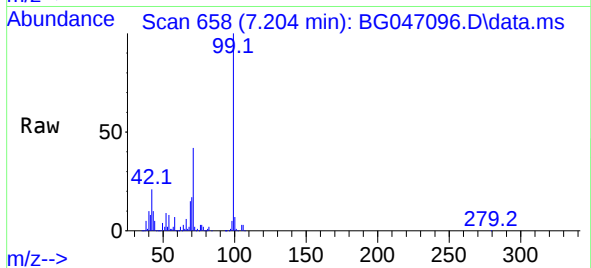
#7
Phenol-d6
Concen: 110.65 ng
RT: 7.204 min Scan# 658
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 99 Resp: 319314
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 41.6 24.6 36.8#

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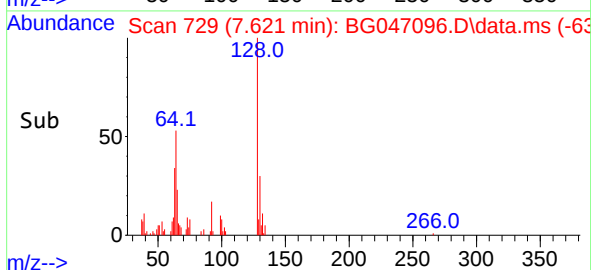
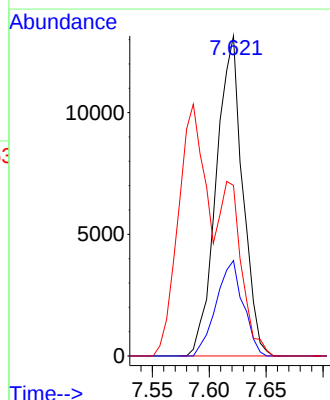
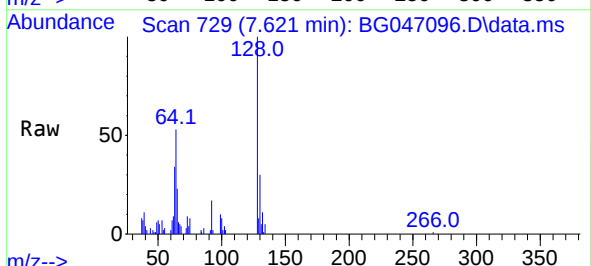
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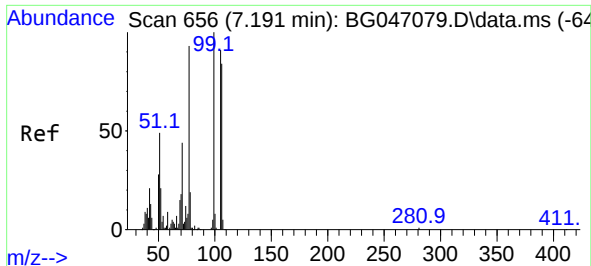
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#8
2-Chlorophenol
Concen: 10.02 ng
RT: 7.621 min Scan# 729
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 128 Resp: 21254
Ion Ratio Lower Upper
128 100
130 29.8 12.6 52.6
64 53.3 24.8 64.8





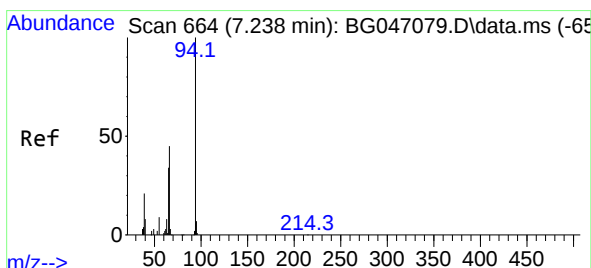
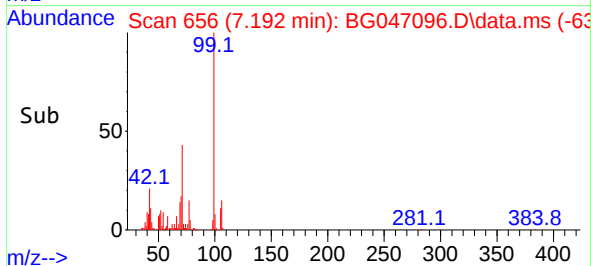
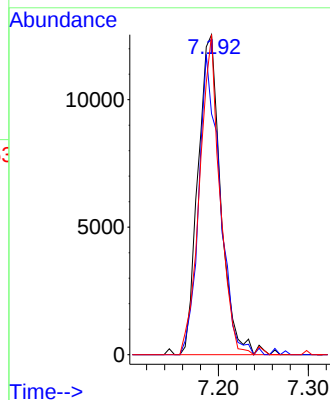
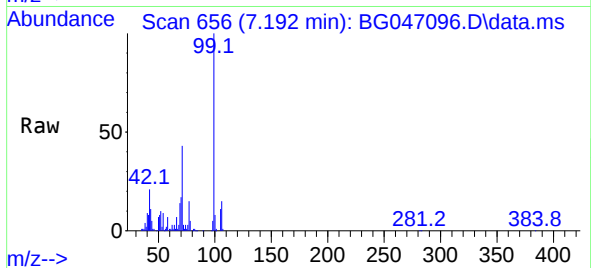
#9
Benzaldehyde
Concen: 13.63 ng
RT: 7.192 min Scan# 656
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 77 Resp: 22045
Ion Ratio Lower Upper
77 100
105 75.2 85.9 125.9#
106 100.0 80.9 120.9

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LOQ-SOIL-02-QT4-2020

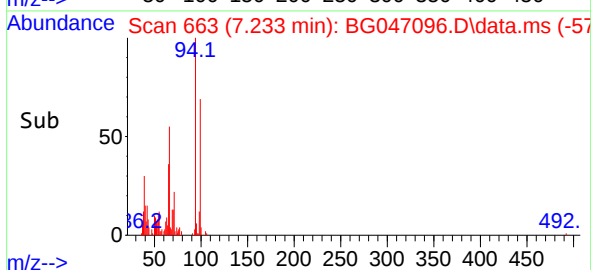
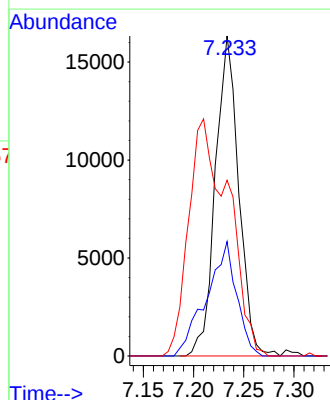
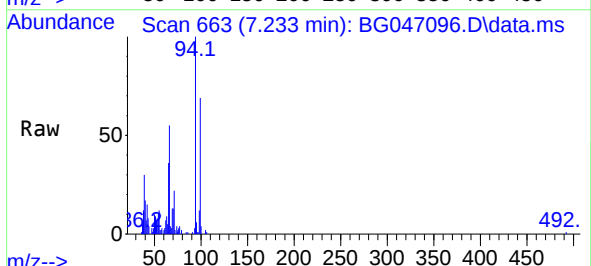
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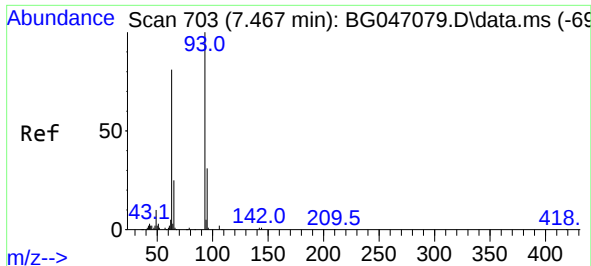
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#10
Phenol
Concen: 9.67 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

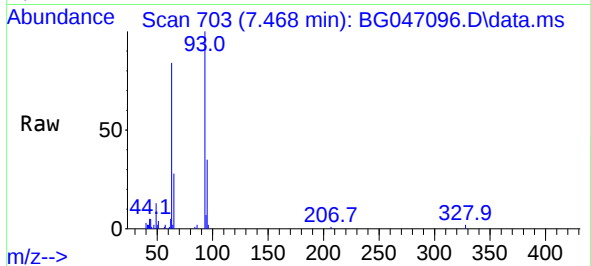
Tgt Ion: 94 Resp: 26368
Ion Ratio Lower Upper
94 100
65 35.8 6.6 46.6
66 54.9 13.9 53.9#





#11
bis(2-Chloroethyl)ether
Concen: 10.65 ng
RT: 7.468 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

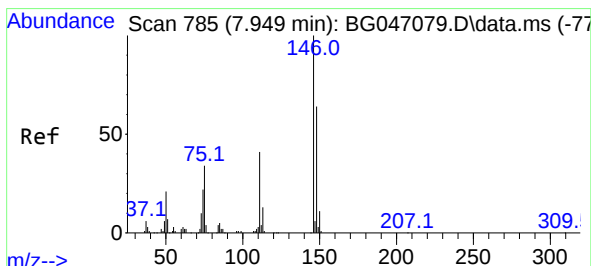
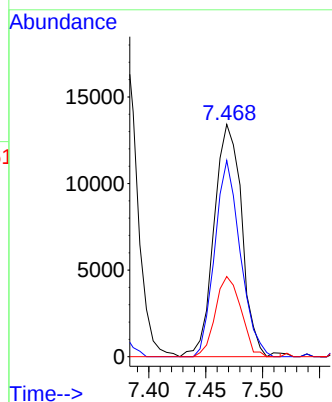
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



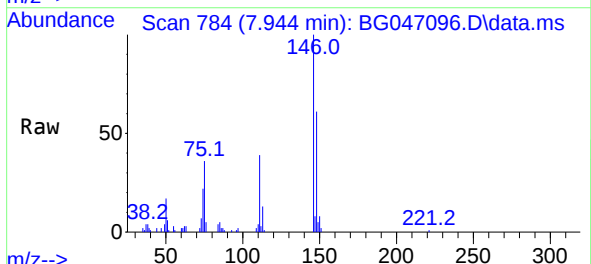
Tgt Ion: 93 Resp: 22838
Ion Ratio Lower Upper
93 100
63 84.4 56.4 96.4
95 34.5 13.8 53.8

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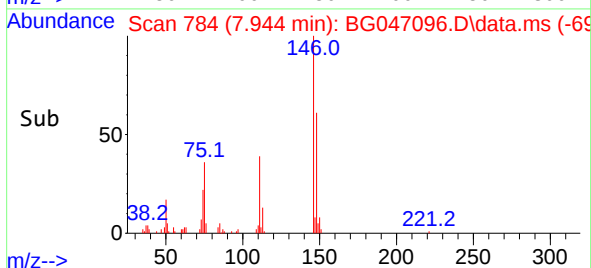
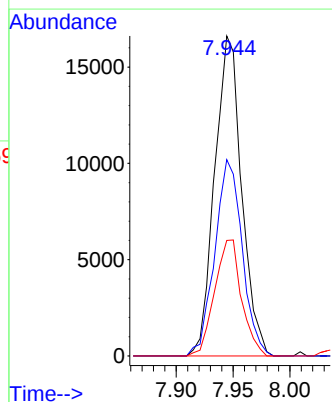
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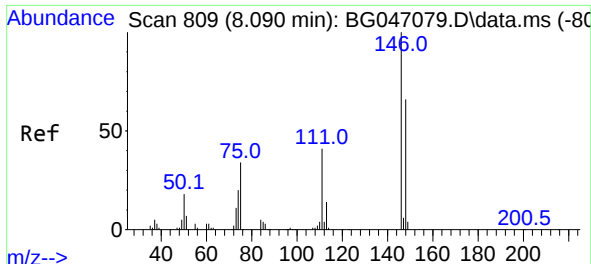


#12
1,3-Dichlorobenzene
Concen: 10.14 ng
RT: 7.944 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



Tgt Ion: 146 Resp: 27415
Ion Ratio Lower Upper
146 100
148 61.4 50.1 75.1
75 36.1 20.1 30.1#





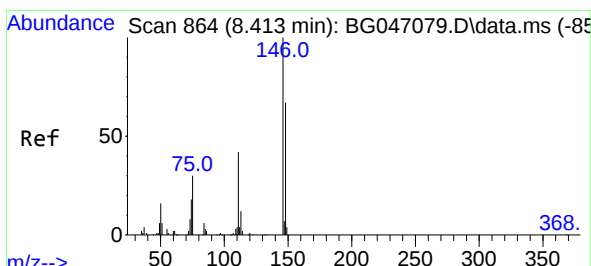
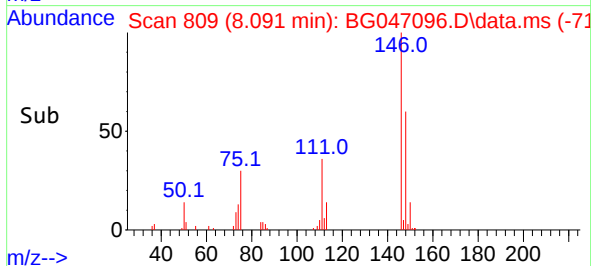
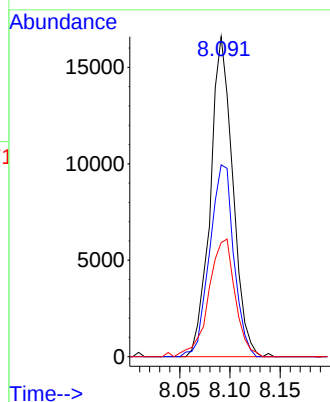
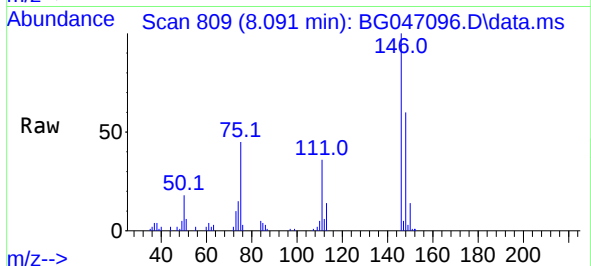
#13
1,4-Dichlorobenzene
Concen: 9.48 ng
RT: 8.091 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:146 Resp: 25868
Ion Ratio Lower Upper
146 100
148 60.0 51.1 76.7
111 35.7 29.7 44.5

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

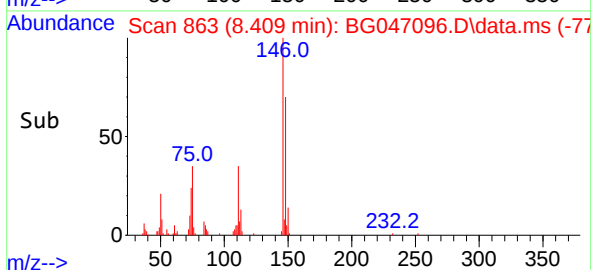
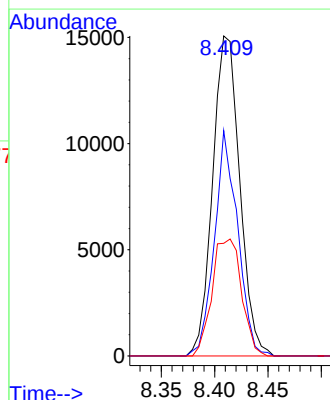
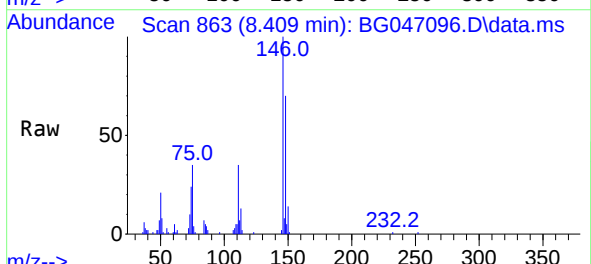
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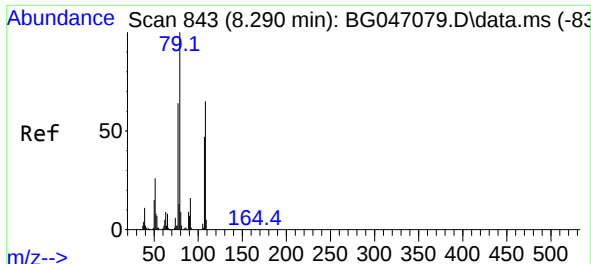
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#14
1,2-Dichlorobenzene
Concen: 10.28 ng
RT: 8.409 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:146 Resp: 26611
Ion Ratio Lower Upper
146 100
148 70.4 53.0 79.6
111 35.2 30.7 46.1





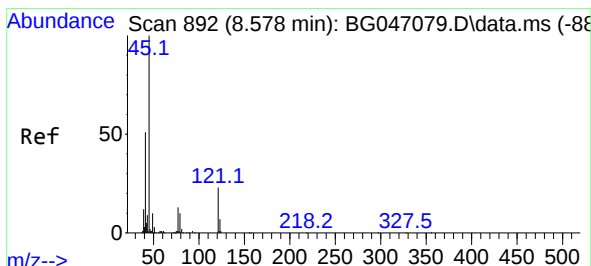
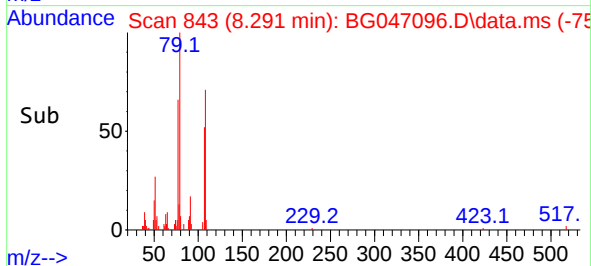
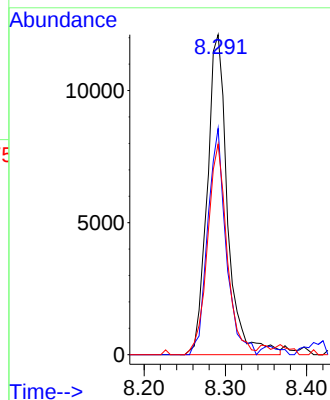
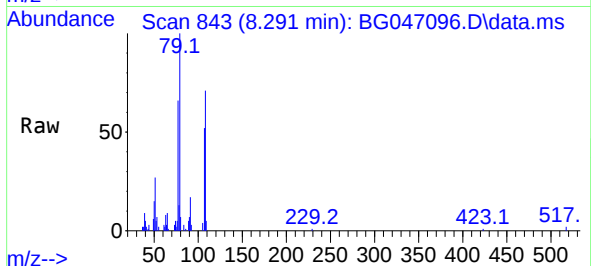
#15
Benzyl Alcohol
Concen: 9.36 ng
RT: 8.291 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 79 Resp: 21051
Ion Ratio Lower Upper
79 100
108 70.7 65.5 98.3
77 65.8 50.1 75.1

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

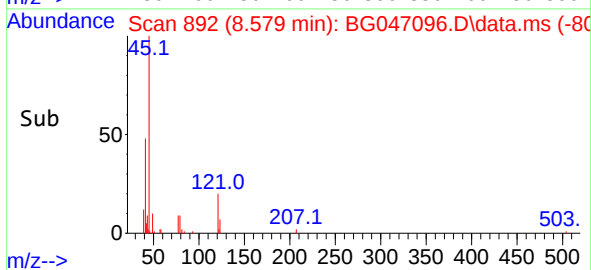
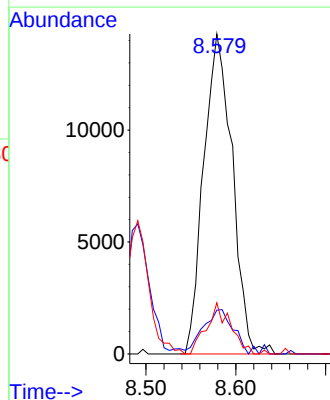
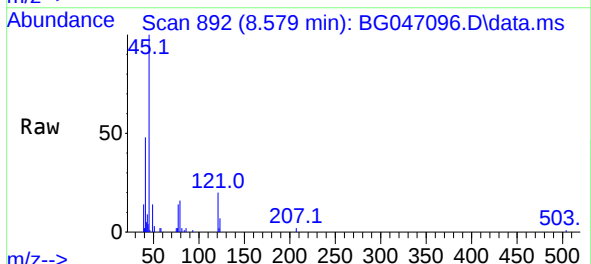
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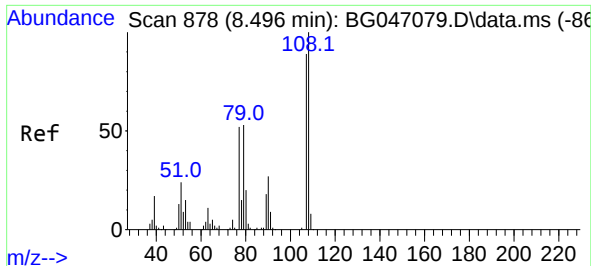
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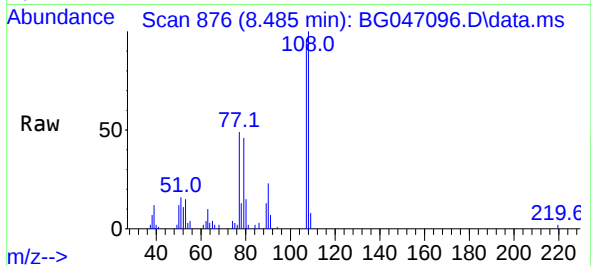
#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.30 ng
RT: 8.579 min Scan# 892
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 45 Resp: 31561
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.4
79 16.0 0.0 30.8

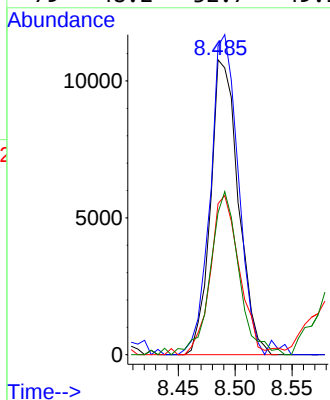




#17
2-Methylphenol
Concen: 9.80 ng
RT: 8.485 min Scan# 876
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



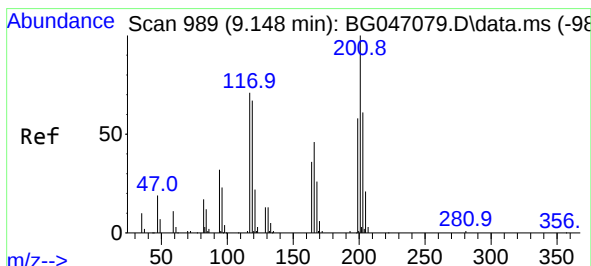
Tgt Ion:	107	Resp:	18362
Ion	Ratio	Lower	Upper
107	100		
108	104.6	87.2	130.8
77	51.2	33.8	50.8#
79	48.2	32.7	49.1



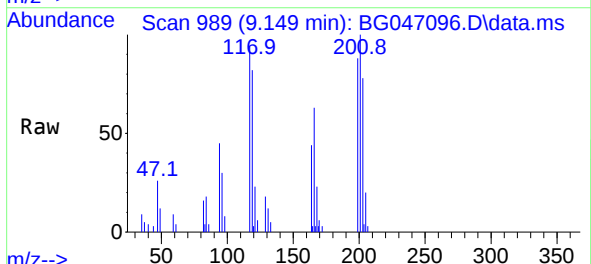
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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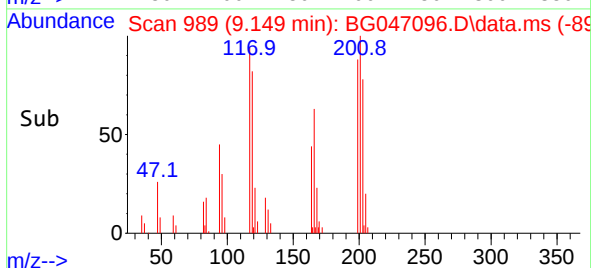
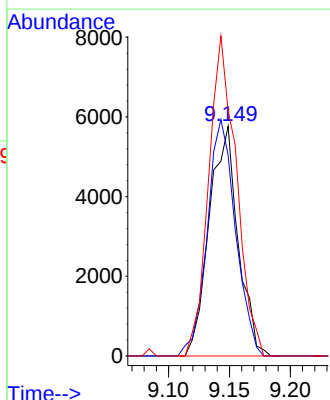
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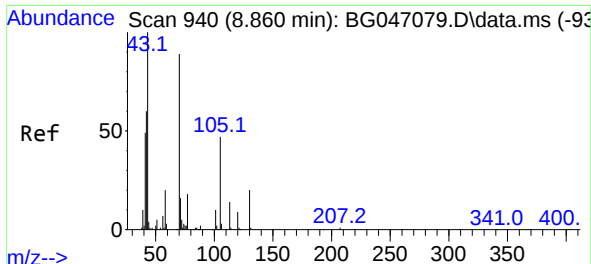


#18
Hexachloroethane
Concen: 9.30 ng
RT: 9.149 min Scan# 989
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



Tgt Ion:	117	Resp:	9505
Ion	Ratio	Lower	Upper
117	100		
119	87.4	77.5	116.3
201	106.7	104.9	157.3





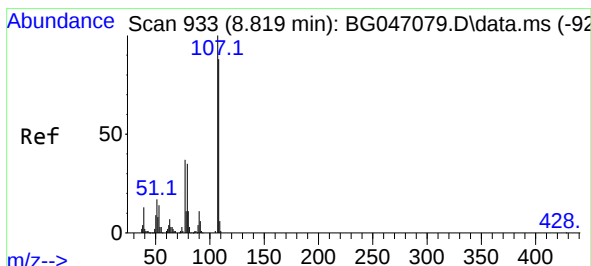
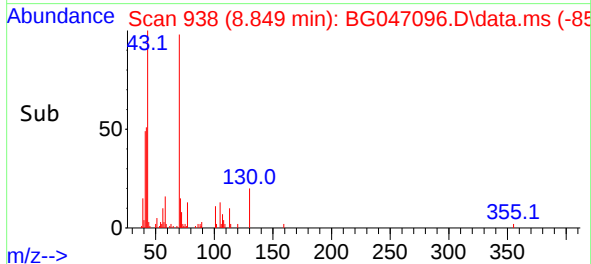
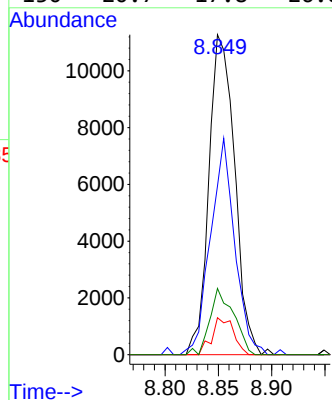
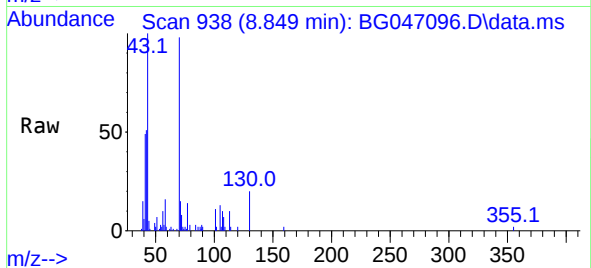
#19
n-Nitroso-di-n-propylamine
Concen: 9.66 ng
RT: 8.849 min Scan# 938
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	70	Resp:	18980
Ion	Ratio	Lower	Upper
70	100		
42	52.7	45.6	68.4
101	11.6	8.4	12.6
130	20.7	17.8	26.8

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

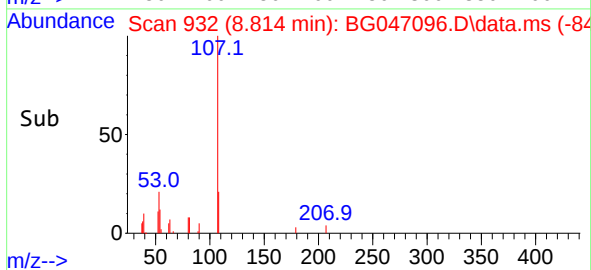
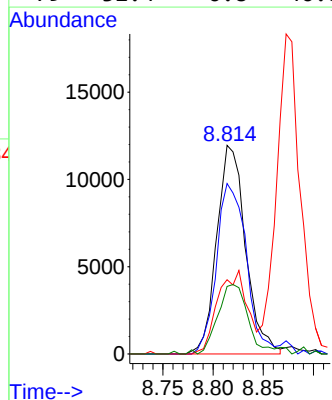
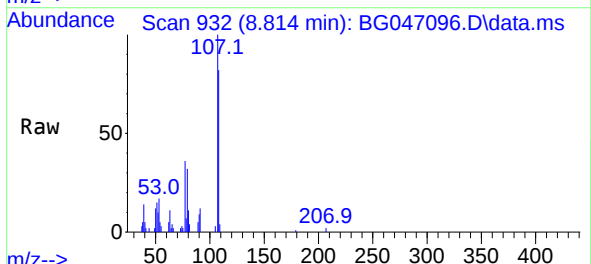
Manual Integrations
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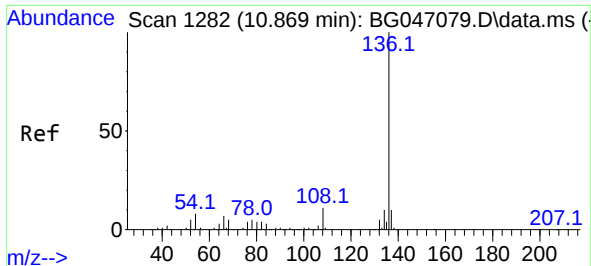
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#20
3+4-Methylphenols
Concen: 9.44 ng
RT: 8.814 min Scan# 932
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

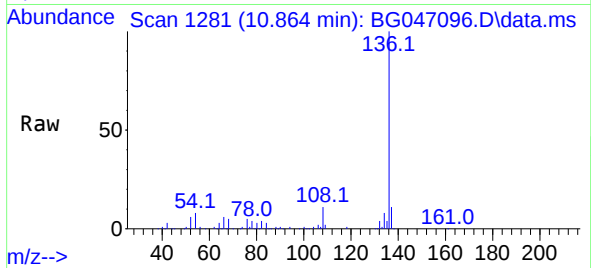
Tgt Ion:	107	Resp:	23860
Ion	Ratio	Lower	Upper
107	100		
108	81.7	70.6	110.6
77	35.6	10.2	50.2
79	32.4	6.8	46.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.864 min Scan# 1281
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

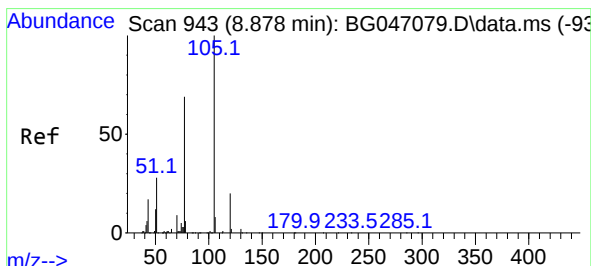
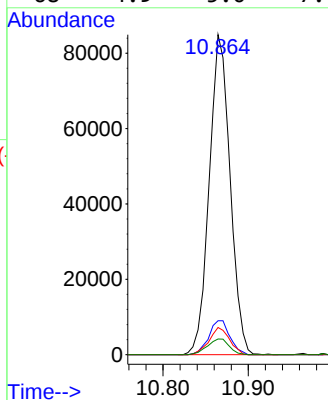
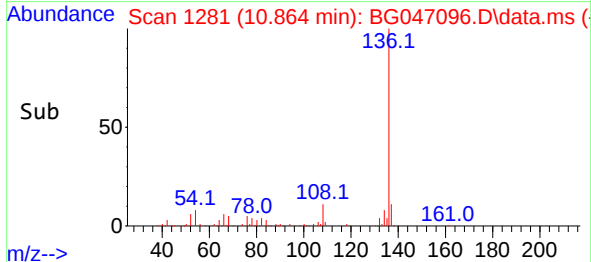
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



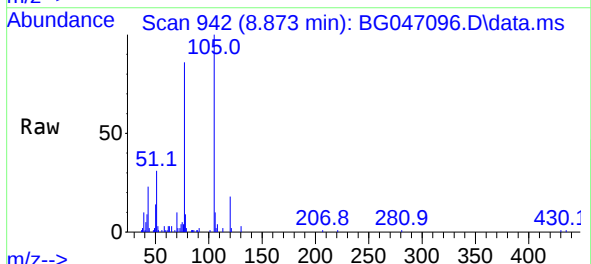
Tgt Ion:136 Resp: 144071
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.5 6.2 9.4
68 4.9 5.0 7.4#

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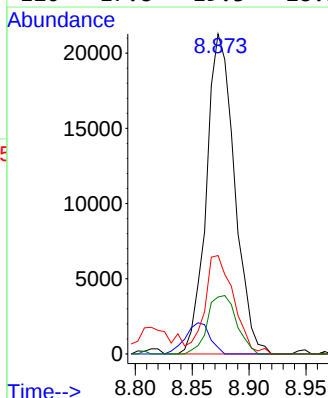
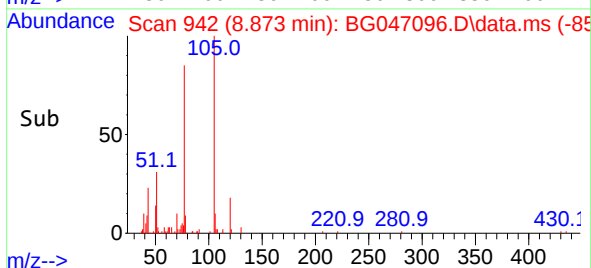
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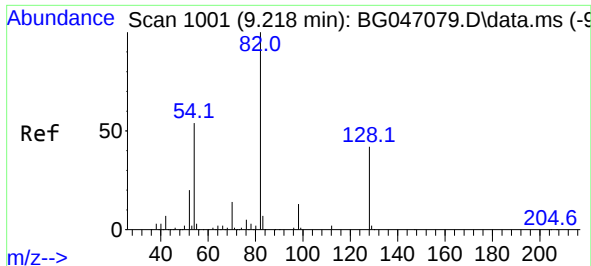


#22
Acetophenone
Concen: 9.45 ng
RT: 8.873 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



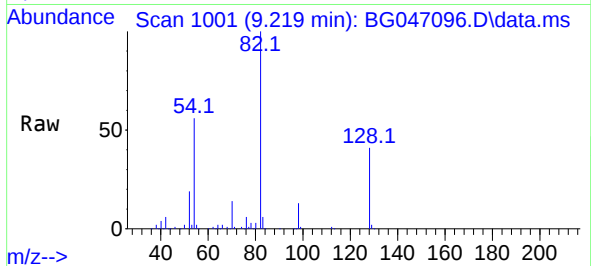
Tgt Ion:105 Resp: 36666
Ion Ratio Lower Upper
105 100
71 2.0 2.7 4.1#
51 30.8 21.0 31.6
120 17.8 19.3 28.9#





#23
Nitrobenzene-d5
Concen: 87.04 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

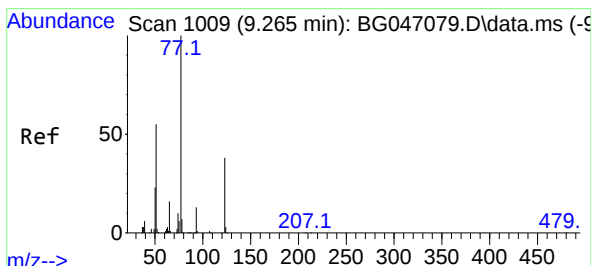
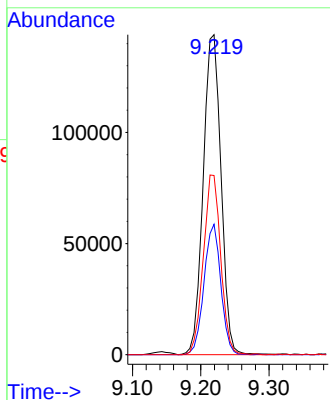
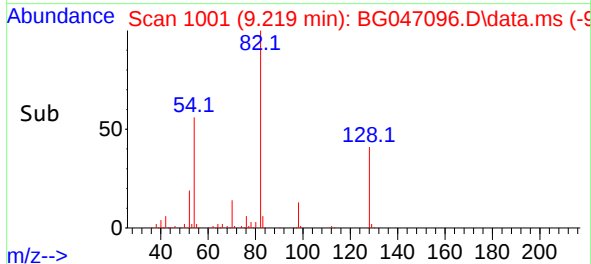
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



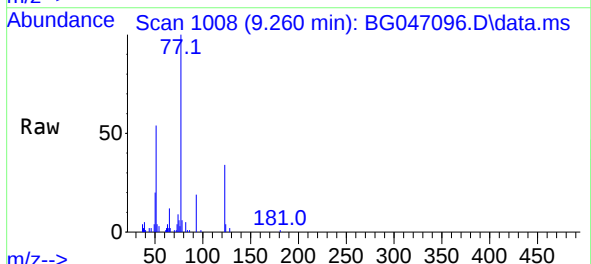
Tgt Ion: 82 Resp: 261864
Ion Ratio Lower Upper
82 100
128 40.7 37.0 55.6
54 56.0 39.0 58.4

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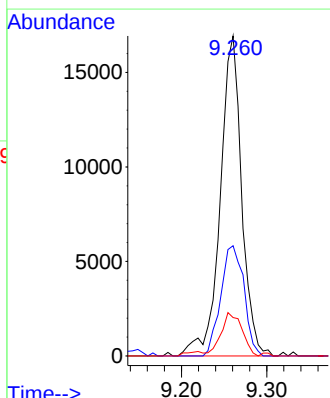
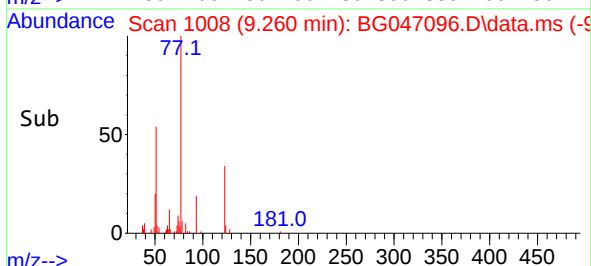
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10/28/2020 8:06:10 AM

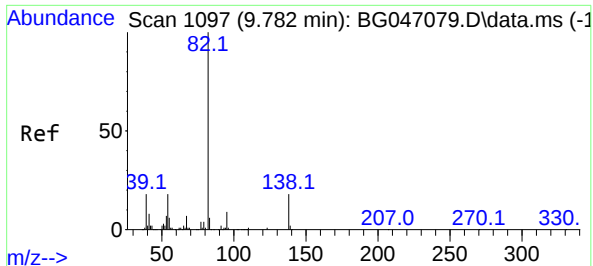


#24
Nitrobenzene
Concen: 9.49 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



Tgt Ion: 77 Resp: 29629
Ion Ratio Lower Upper
77 100
123 34.4 39.7 59.5#
65 12.0 10.4 15.6





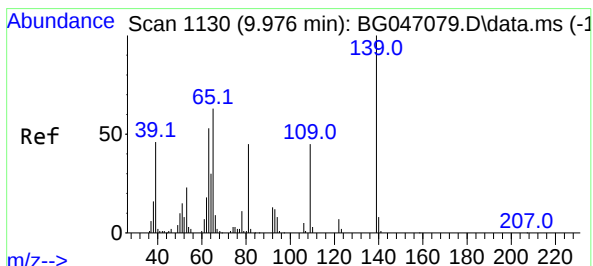
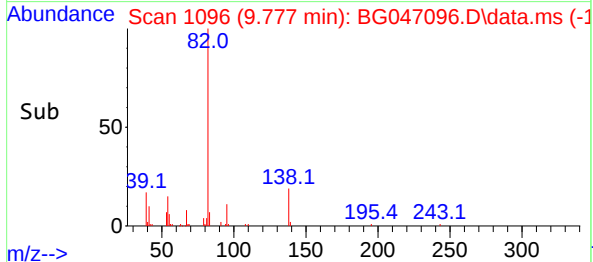
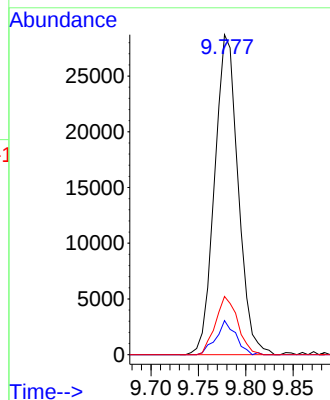
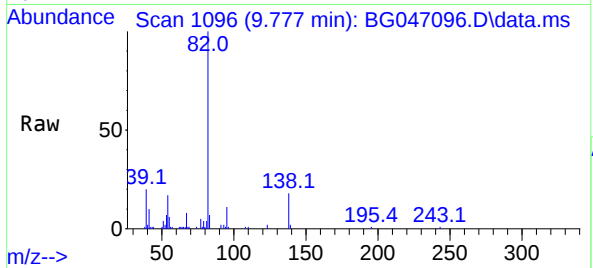
#25
Isophorone
Concen: 9.20 ng
RT: 9.777 min Scan# 1096
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 82 Resp: 49529
Ion Ratio Lower Upper
82 100
95 10.7 5.6 8.4#
138 18.2 15.8 23.6

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

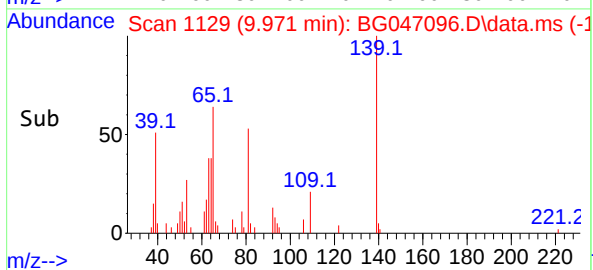
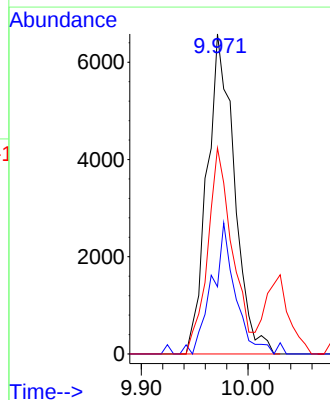
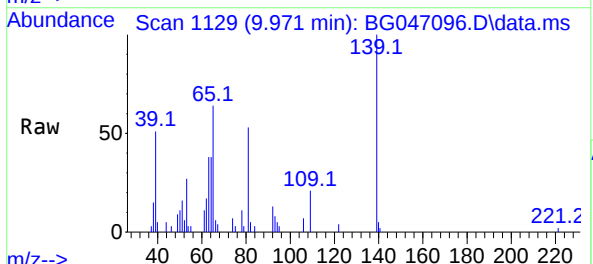
Manual Integrations
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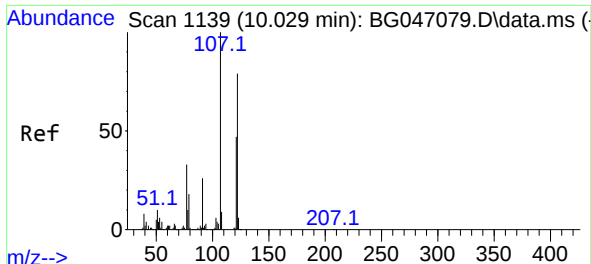
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#26
2-Nitrophenol
Concen: 8.64 ng
RT: 9.971 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 139 Resp: 11707
Ion Ratio Lower Upper
139 100
109 21.0 20.7 31.1
65 64.4 36.1 54.1#





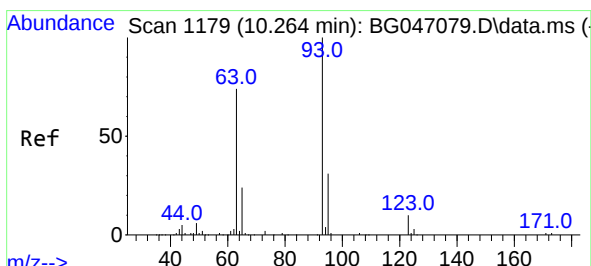
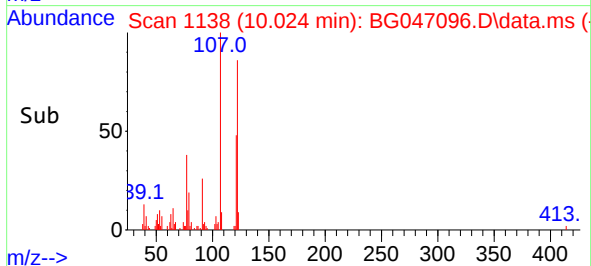
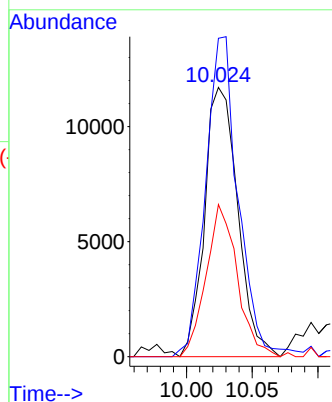
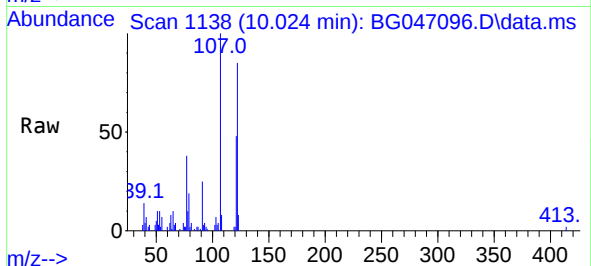
#27
2,4-Dimethylphenol
Concen: 11.12 ng
RT: 10.024 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BG047096.D
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Tgt Ion:	122	Resp:	20579
Ion	Ratio	Lower	Upper
122	100		
107	118.2	89.2	133.8
121	56.5	46.9	70.3

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

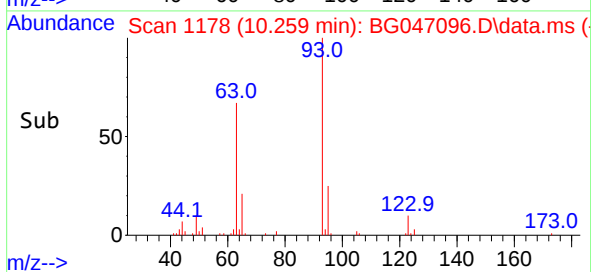
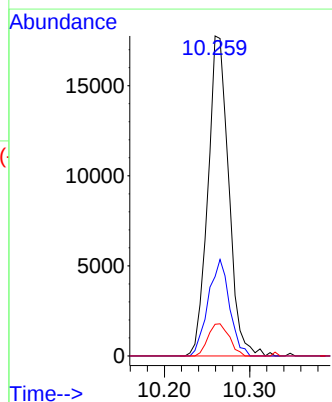
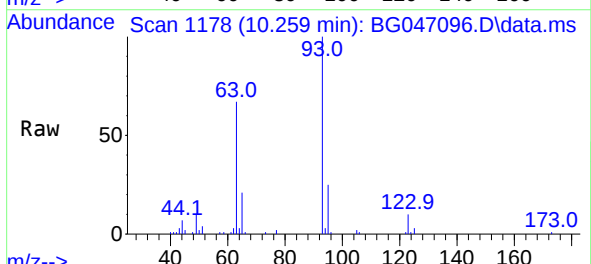
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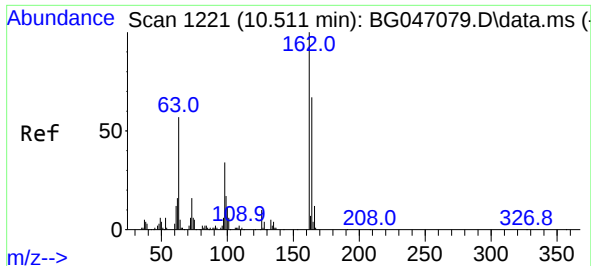
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#28
bis(2-Chloroethoxy)methane
Concen: 9.07 ng
RT: 10.259 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	93	Resp:	30130
Ion	Ratio	Lower	Upper
93	100		
95	24.8	26.5	39.7#
123	9.9	9.4	14.0





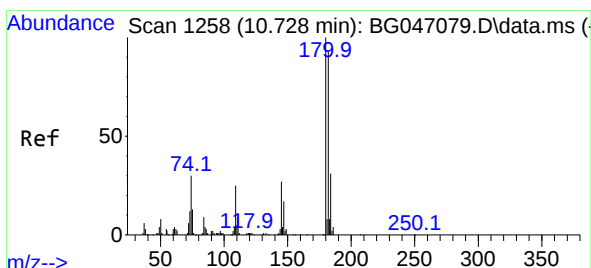
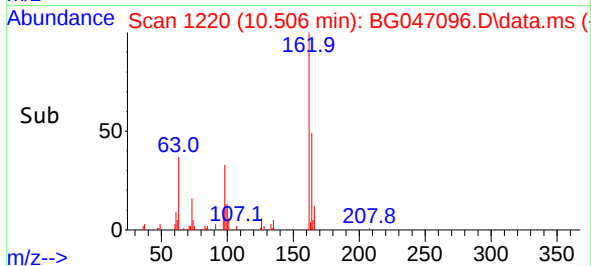
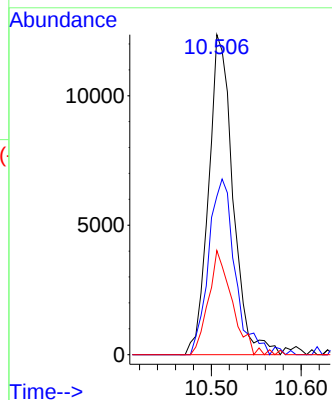
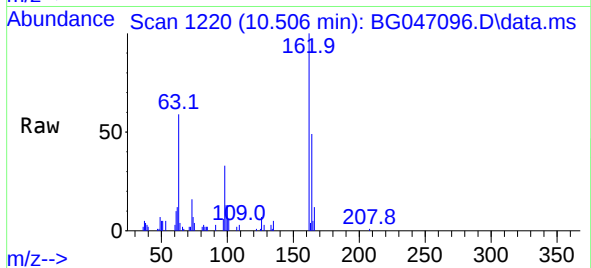
#29
2,4-Dichlorophenol
Concen: 9.13 ng
RT: 10.506 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:162 Resp: 23266
Ion Ratio Lower Upper
162 100
164 49.4 45.6 85.6
98 32.5 11.0 51.0

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

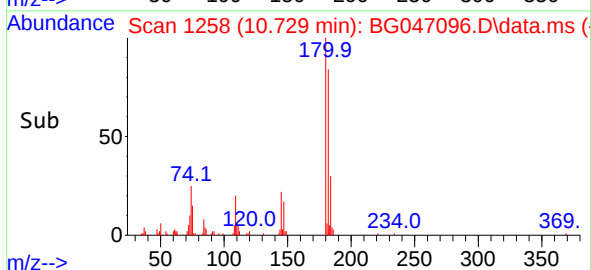
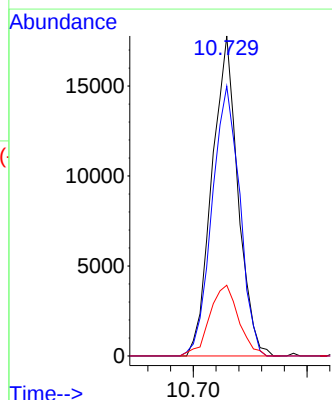
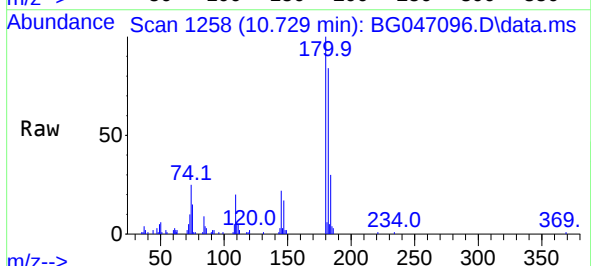
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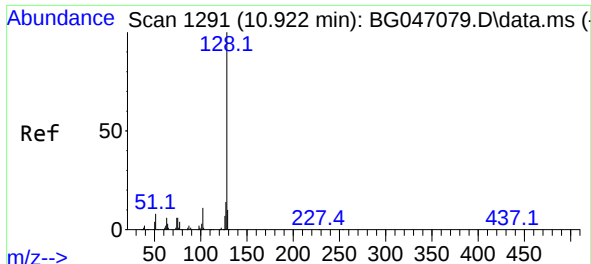
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#30
1,2,4-Trichlorobenzene
Concen: 8.99 ng
RT: 10.729 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:180 Resp: 28239
Ion Ratio Lower Upper
180 100
182 84.3 76.9 115.3
145 22.1 21.4 32.0





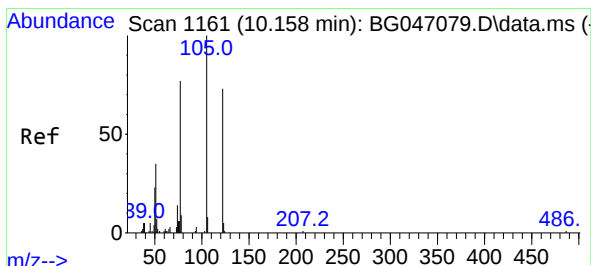
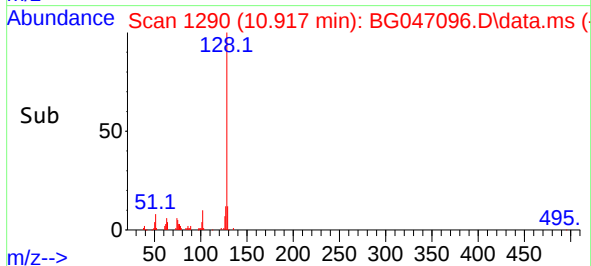
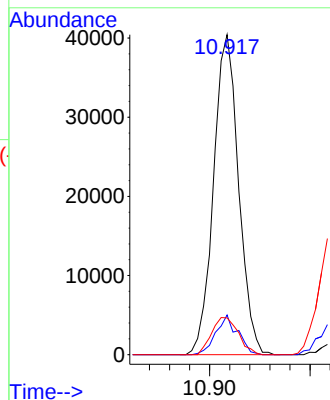
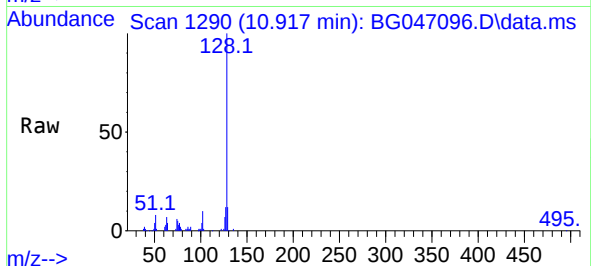
#31
Naphthalene
Concen: 9.29 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	128	Resp:	69968
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.0	13.6
127	11.5	11.0	16.4

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

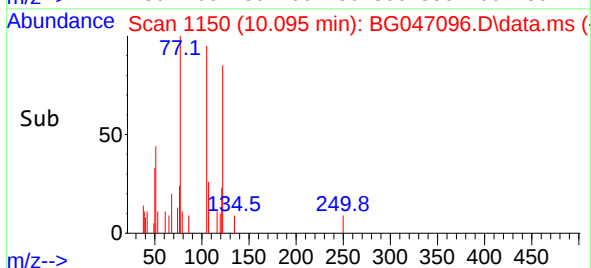
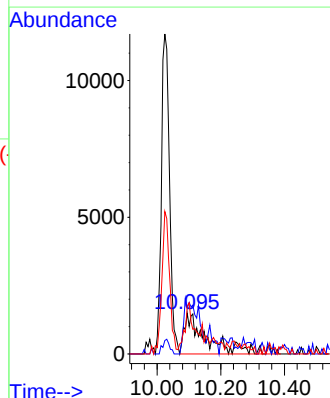
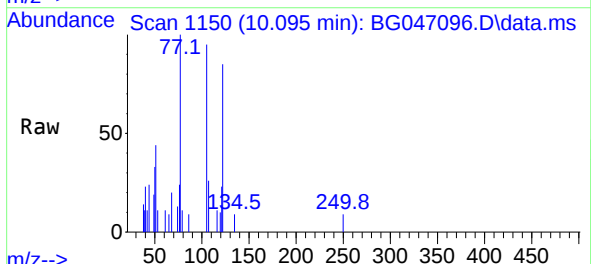
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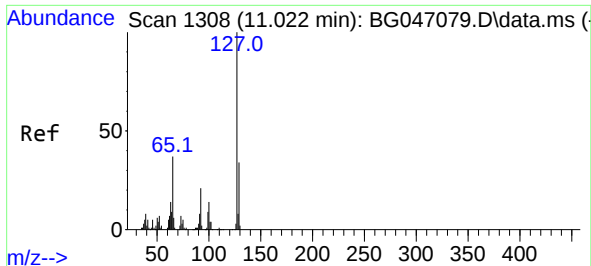
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#32
Benzoic acid
Concen: 5.17 ng m
RT: 10.095 min Scan# 1150
Delta R.T. -0.063 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	122	Resp:	7565
Ion Ratio	Lower	Upper	
122	100		
105	112.3	103.7	143.7
77	117.9	63.0	103.0#





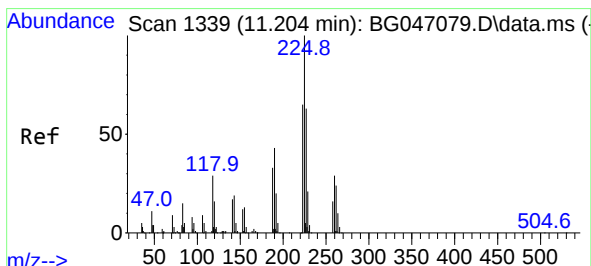
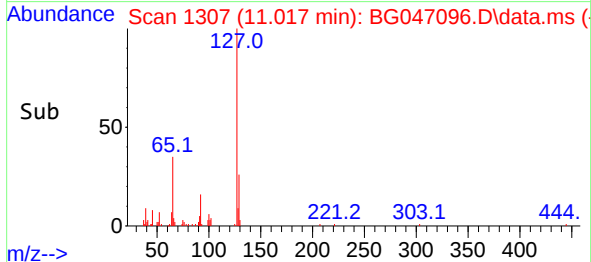
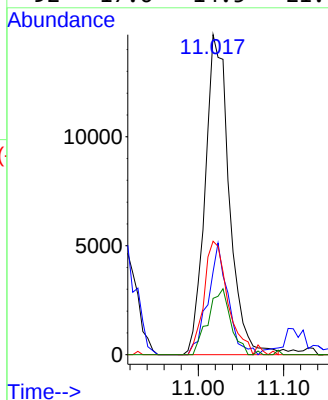
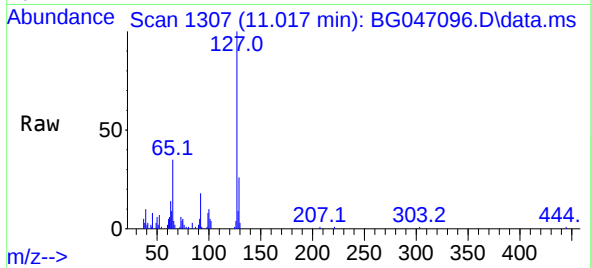
#33
4-Chloroaniline
Concen: 8.82 ng
RT: 11.017 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	127	Resp:	28898
Ion Ratio	Lower	Upper	
127	100		
129	25.9	26.8	40.2#
65	35.4	23.8	35.6
92	17.6	14.5	21.7

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

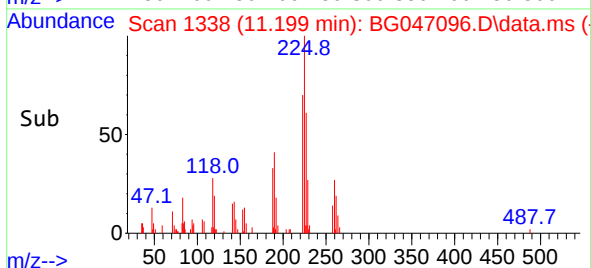
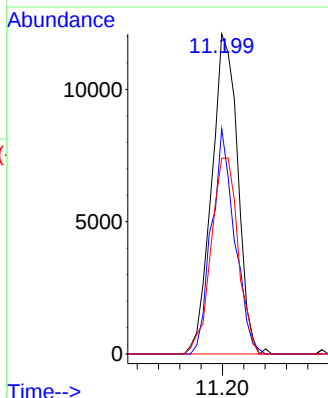
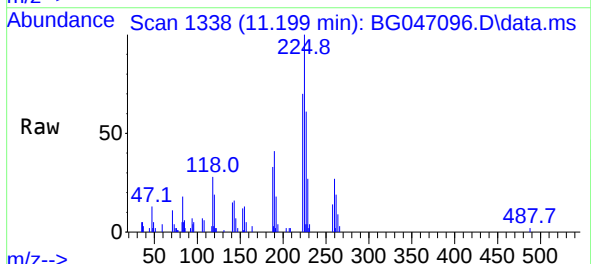
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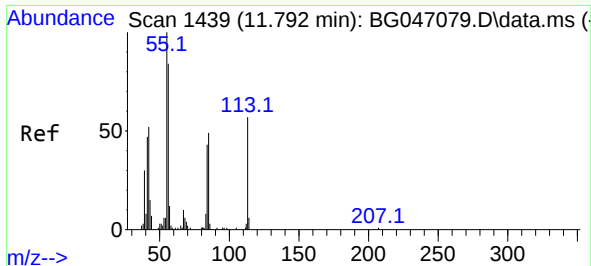
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#34
Hexachlorobutadiene
Concen: 8.70 ng
RT: 11.199 min Scan# 1338
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	225	Resp:	20486
Ion Ratio	Lower	Upper	
225	100		
223	70.4	49.5	74.3
227	61.2	52.0	78.0





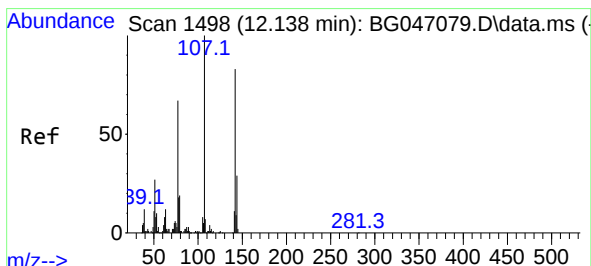
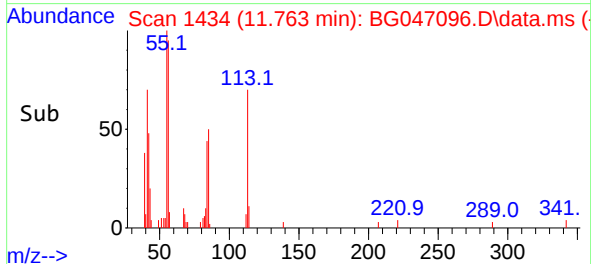
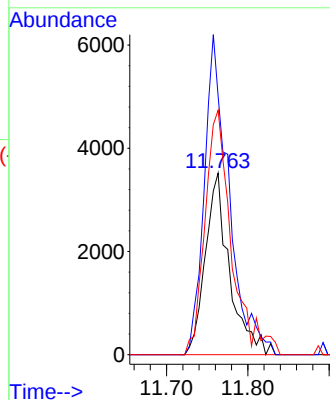
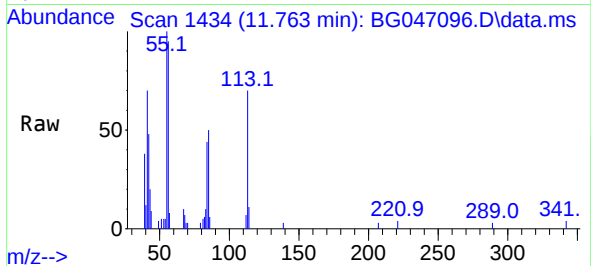
#35
Caprolactam
Concen: 8.59 ng
RT: 11.763 min Scan# 1434
Delta R.T. -0.028 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:113 Resp: 7292
Ion Ratio Lower Upper
113 100
55 142.4 149.2 189.2#
56 134.6 107.2 147.2

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

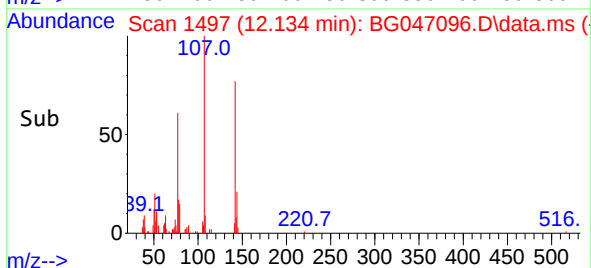
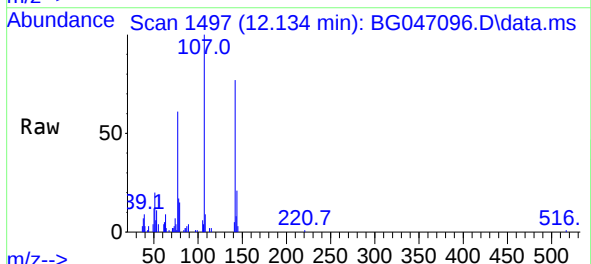
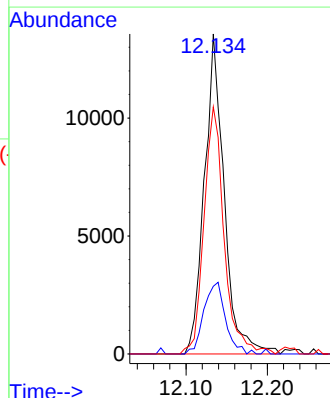
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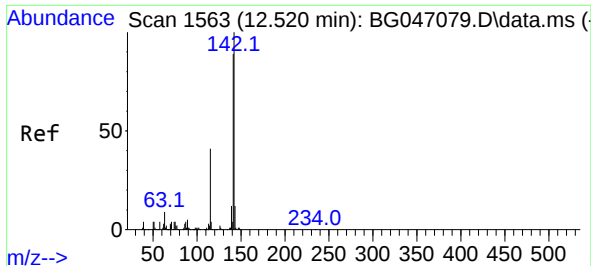
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#36
4-Chloro-3-methylphenol
Concen: 8.67 ng
RT: 12.134 min Scan# 1497
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:107 Resp: 22946
Ion Ratio Lower Upper
107 100
144 21.2 22.5 33.7#
142 77.2 70.8 106.2





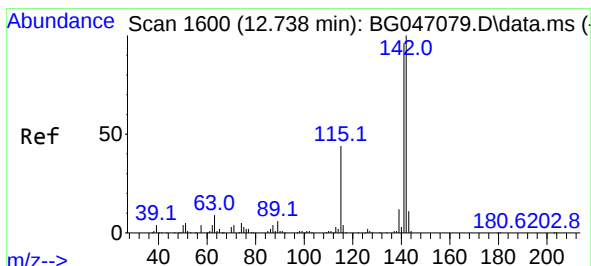
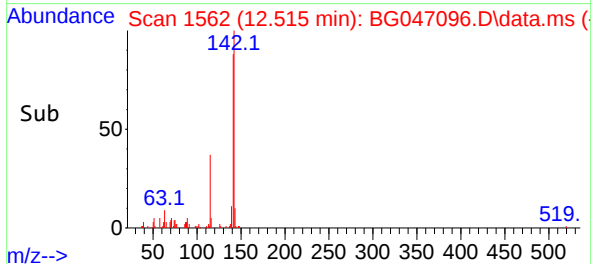
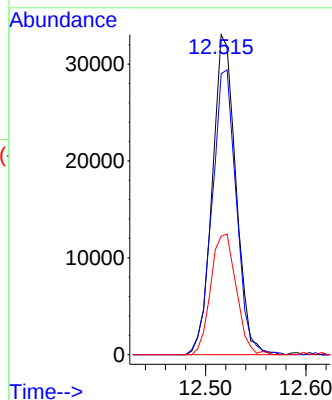
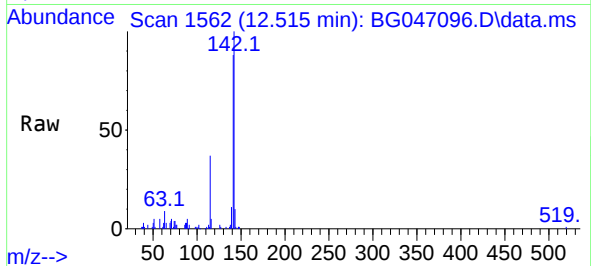
#37
2-Methylnaphthalene
Concen: 9.18 ng
RT: 12.515 min Scan# 1562
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	142	Resp:	53721
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.6	107.4
115	37.0	25.4	38.2

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

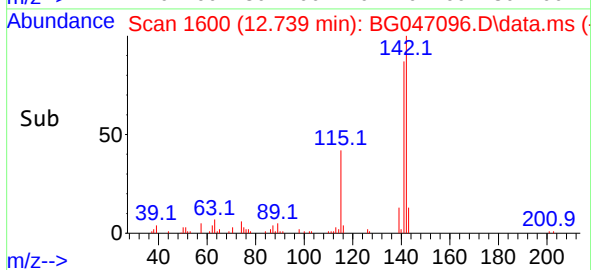
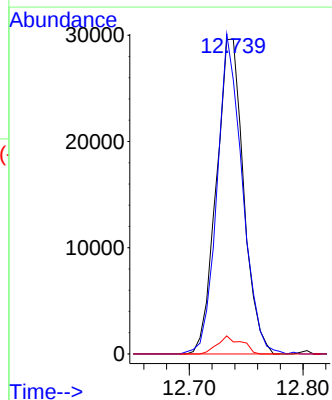
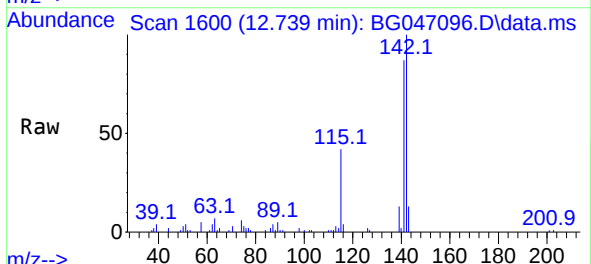
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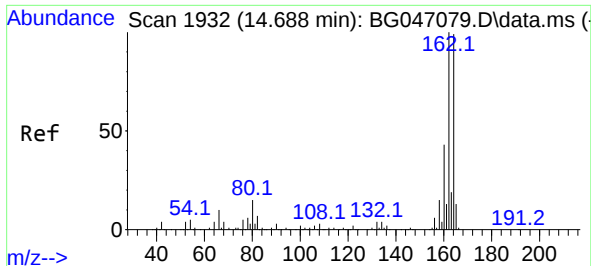
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#38
1-Methylnaphthalene
Concen: 8.88 ng
RT: 12.739 min Scan# 1600
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

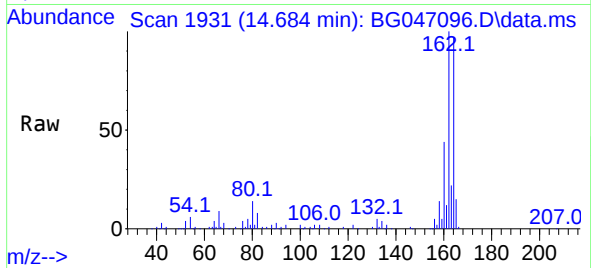
Tgt Ion:	142	Resp:	49221
Ion Ratio	Lower	Upper	
142	100		
141	87.0	75.4	113.2
116	3.8	2.9	4.3





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.684 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

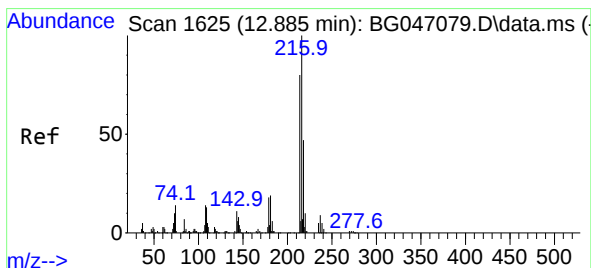
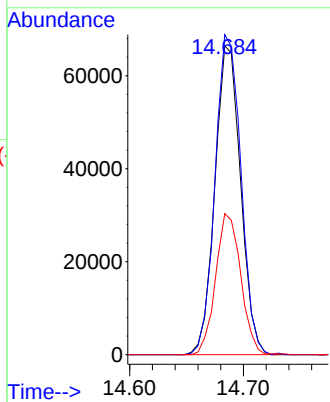
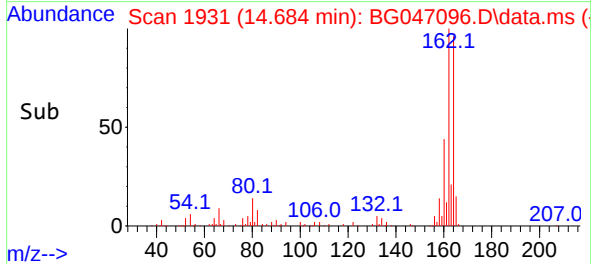
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



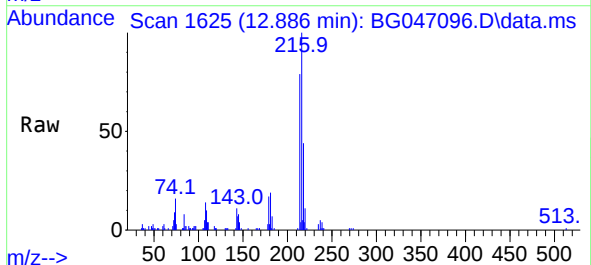
Tgt Ion:164 Resp: 104370
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 45.7 35.3 52.9

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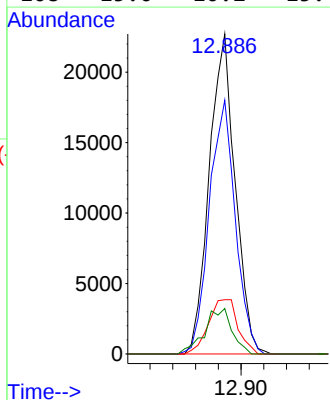
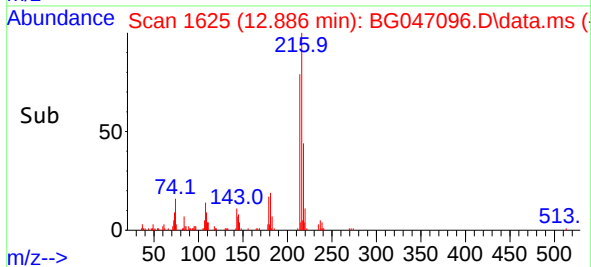
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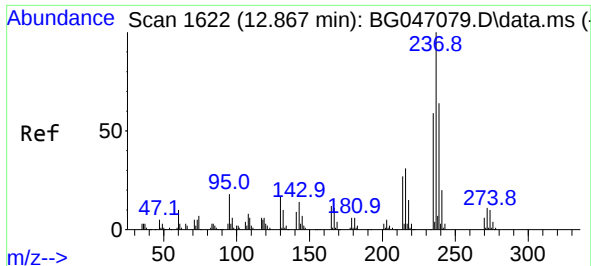


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.41 ng
RT: 12.886 min Scan# 1625
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

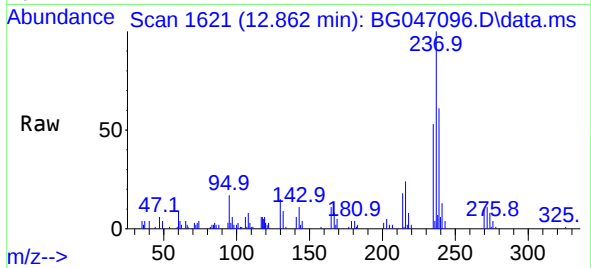


Tgt Ion:216 Resp: 35886
Ion Ratio Lower Upper
216 100
214 79.7 61.9 92.9
179 19.3 14.8 22.2
108 15.0 10.2 15.4

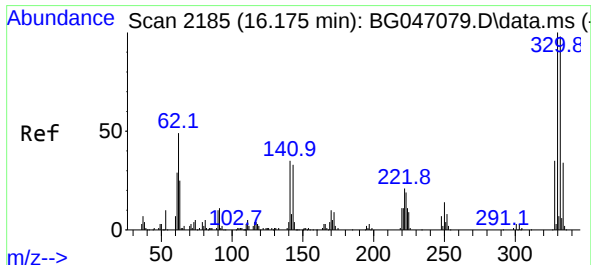
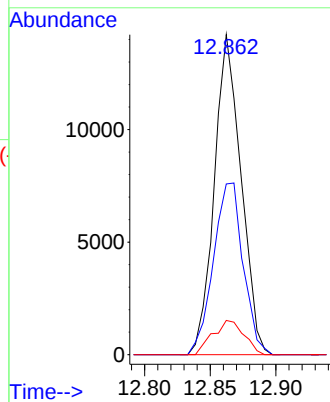
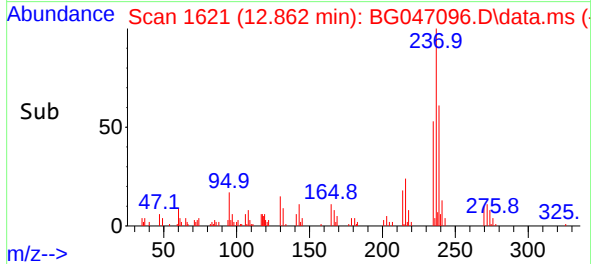




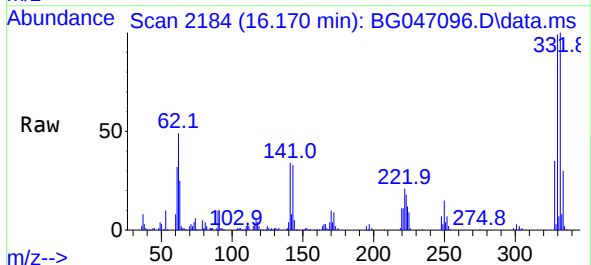
#41
Hexachlorocyclopentadiene
Concen: 9.66 ng
RT: 12.862 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



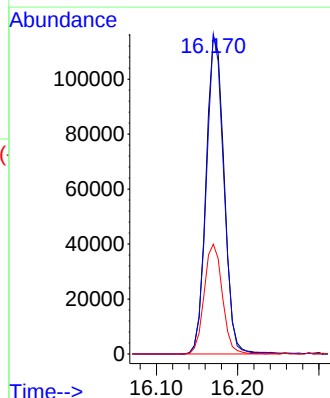
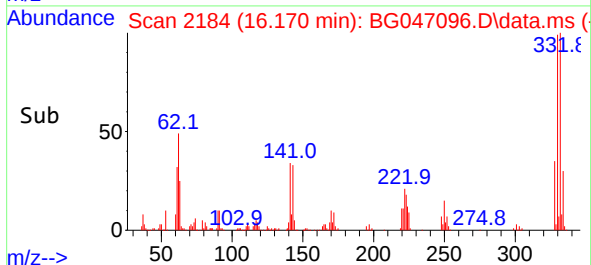
Tgt Ion:237 Resp: 20131
Ion Ratio Lower Upper
237 100
235 53.4 43.1 83.1
272 10.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 106.30 ng
RT: 16.170 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



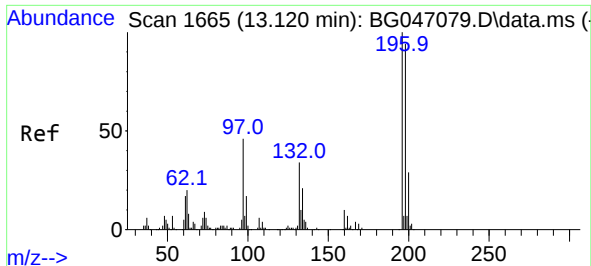
Tgt Ion:330 Resp: 177829
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 34.7 26.0 39.0



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

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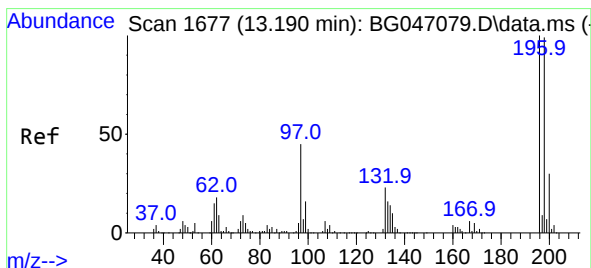
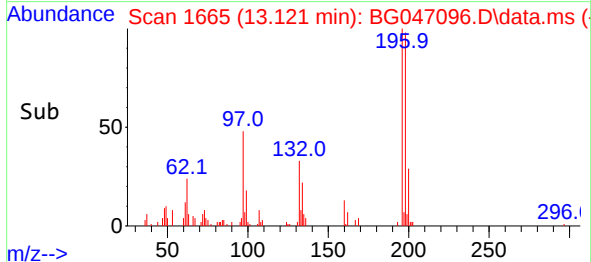
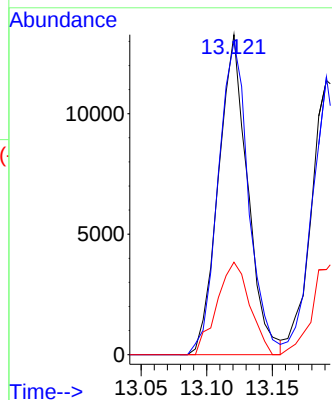
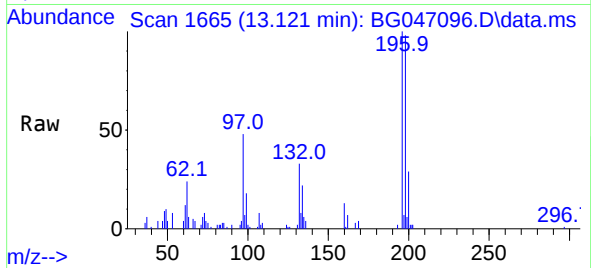
#43
2,4,6-Trichlorophenol
Concen: 8.29 ng
RT: 13.121 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	196	Resp:	20598
Ion Ratio	Lower	Upper	
196	100		
198	97.8	74.9	112.3
200	28.9	25.3	37.9

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

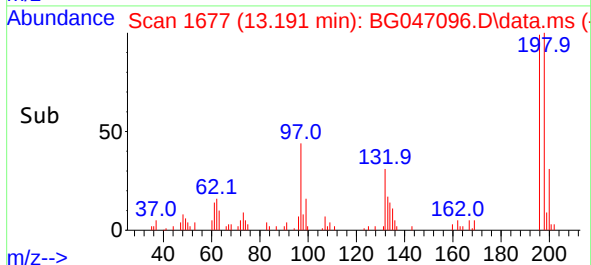
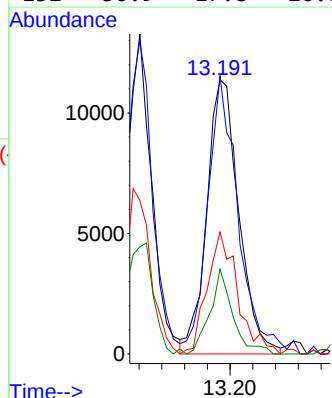
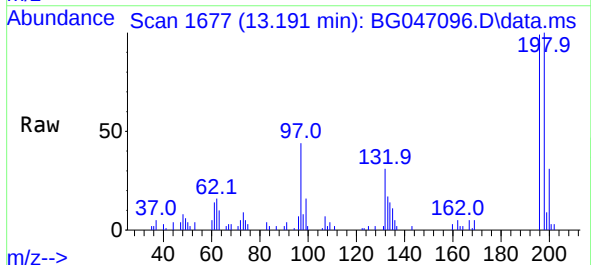
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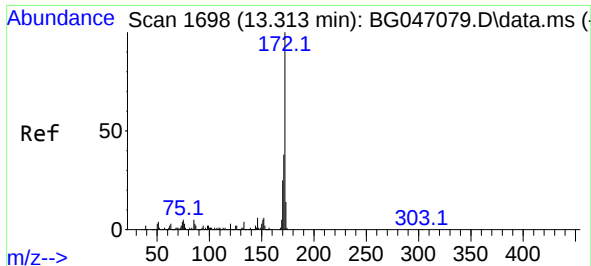
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#44
2,4,5-Trichlorophenol
Concen: 8.80 ng
RT: 13.191 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	196	Resp:	22237
Ion Ratio	Lower	Upper	
196	100		
198	101.2	77.6	116.4
97	44.5	28.6	43.0#
132	30.9	17.8	26.8#





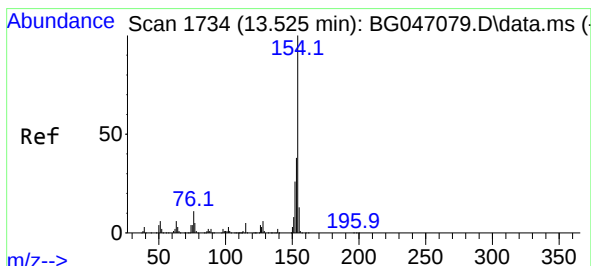
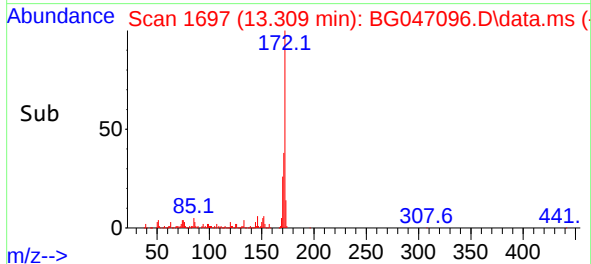
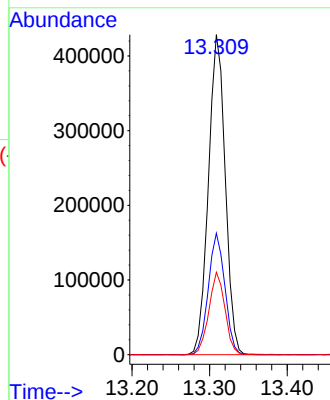
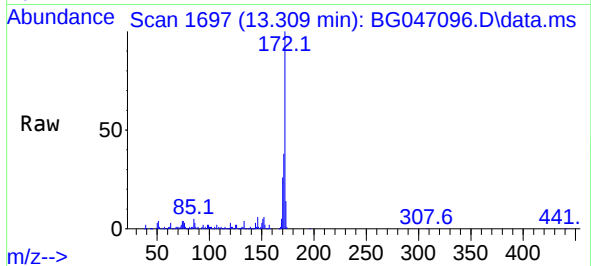
#45
2-Fluorobiphenyl
Concen: 87.61 ng
RT: 13.309 min Scan# 1697
Delta R.T. -0.004 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	172	Resp:	646763
Ion Ratio	Lower	Upper	
172	100		
171	38.0	31.3	46.9
170	25.7	20.8	31.2

Instrument :
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ClientSampleId :
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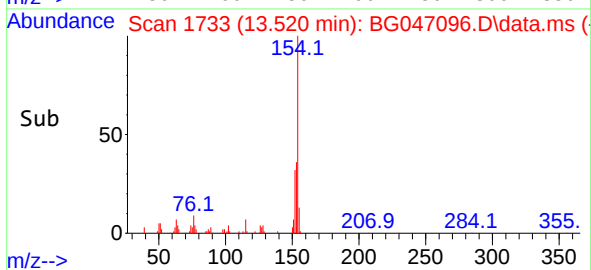
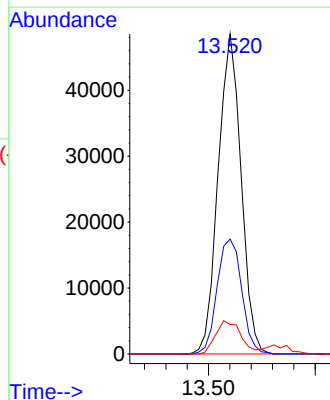
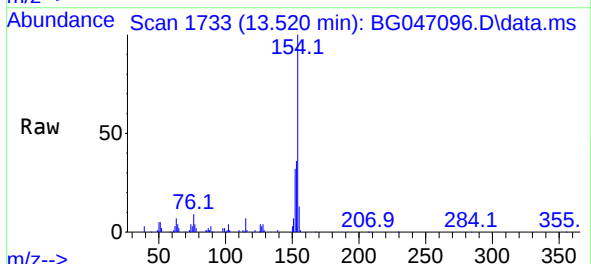
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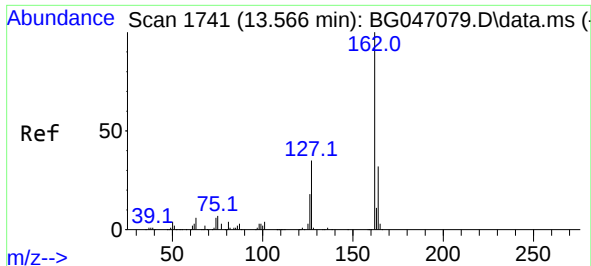
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#46
1,1'-Biphenyl
Concen: 9.16 ng
RT: 13.520 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	154	Resp:	72332
Ion Ratio	Lower	Upper	
154	100		
153	35.9	22.6	62.6
76	9.2	0.0	32.6





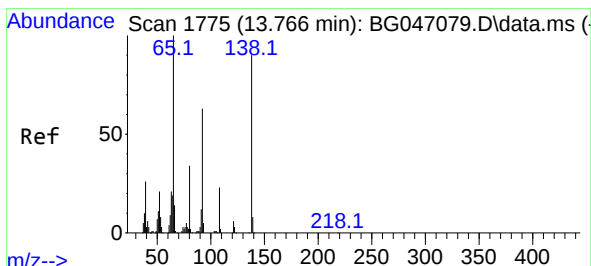
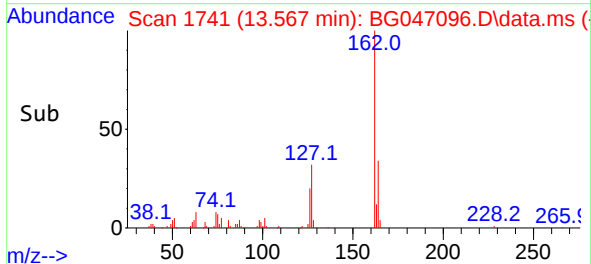
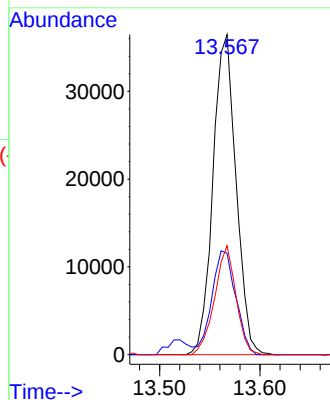
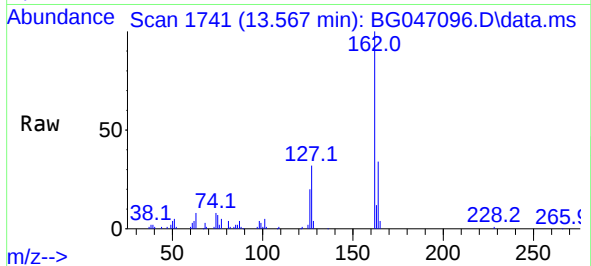
#47
2-Chloronaphthalene
Concen: 8.96 ng
RT: 13.567 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	162	Resp:	58282
Ion Ratio	Lower	Upper	
162	100		
127	31.7	27.8	41.6
164	34.1	27.0	40.4

Instrument :
BNA_G
ClientSampleId :
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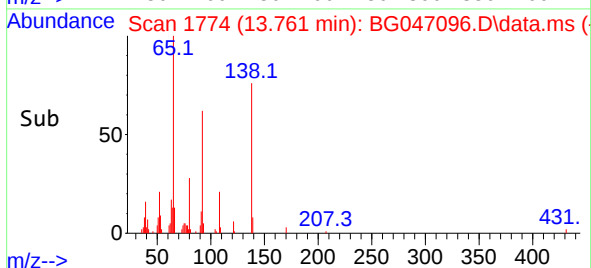
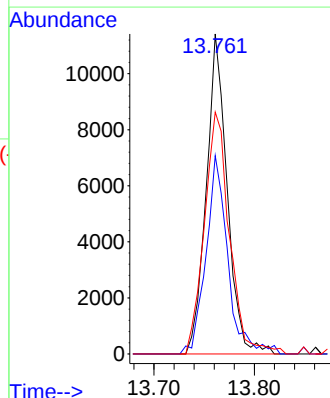
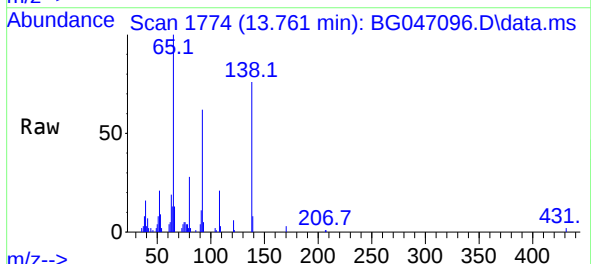
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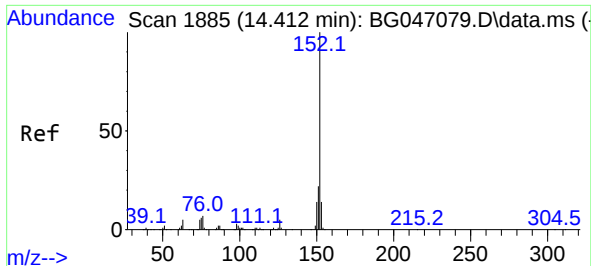
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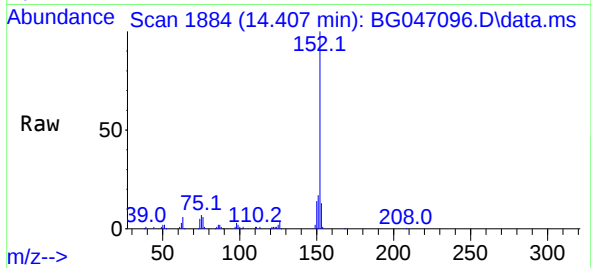
#48
2-Nitroaniline
Concen: 7.81 ng
RT: 13.761 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	65	Resp:	16565
Ion Ratio	Lower	Upper	
65	100		
92	62.0	58.6	88.0
138	75.6	98.2	147.4#

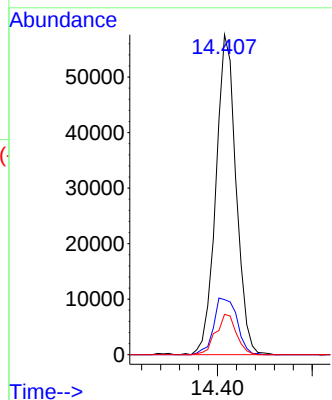




#49
Acenaphthylene
Concen: 9.03 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



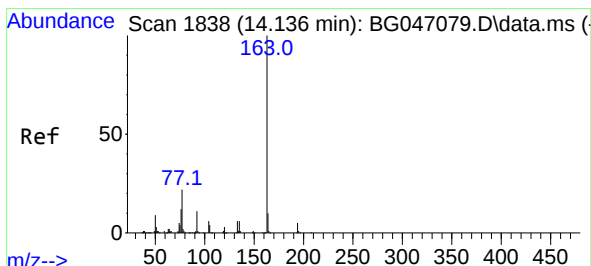
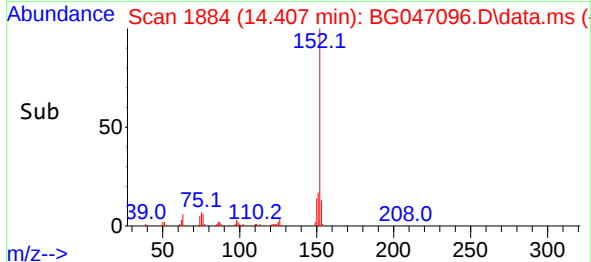
Tgt Ion:152 Resp: 85283
Ion Ratio Lower Upper
152 100
151 17.2 17.4 26.0#
153 12.6 11.5 17.3



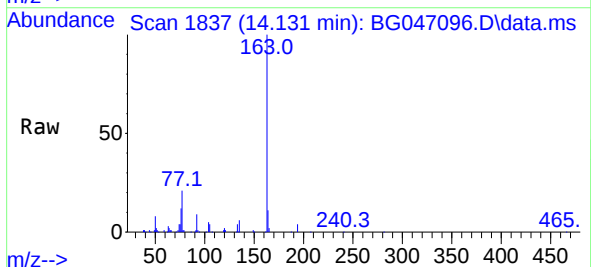
Instrument :
BNA_G
ClientSampleId :
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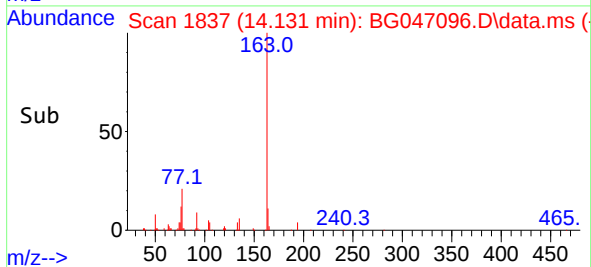
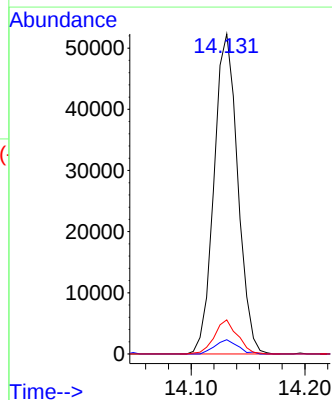
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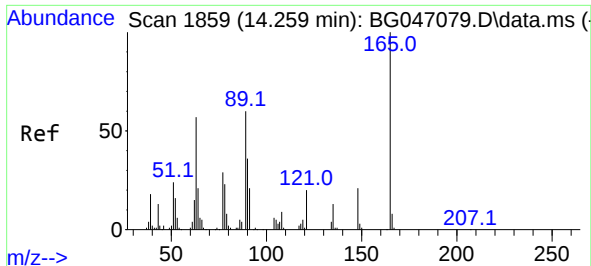


#50
Dimethylphthalate
Concen: 8.83 ng
RT: 14.131 min Scan# 1837
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

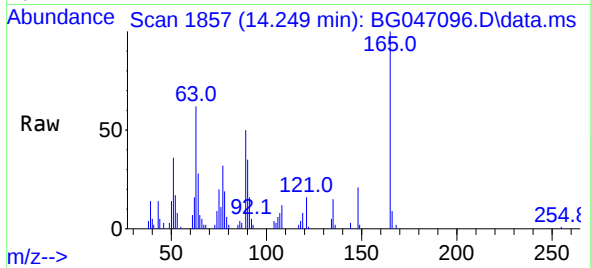


Tgt Ion:163 Resp: 75881
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.7 8.8 13.2

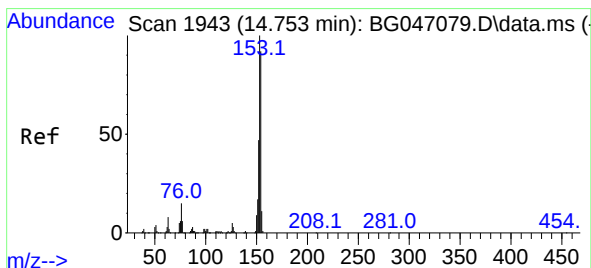
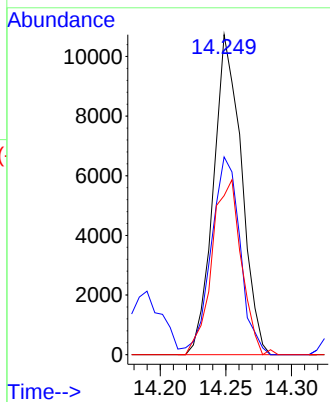
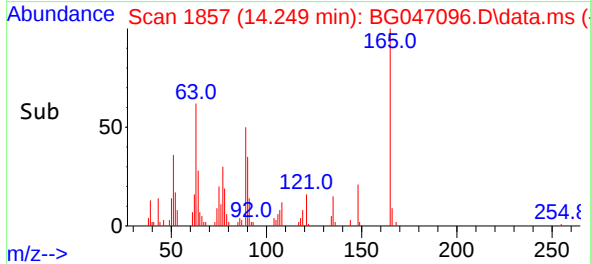




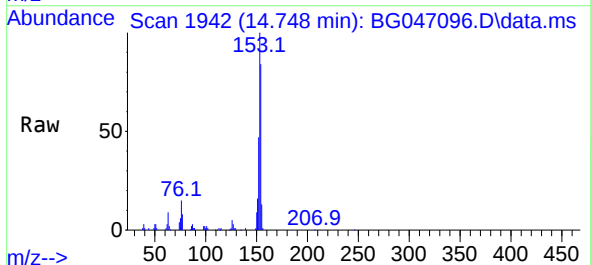
#51
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 14.249 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



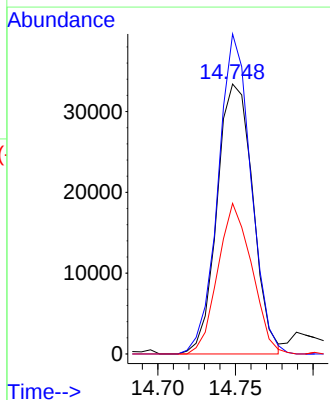
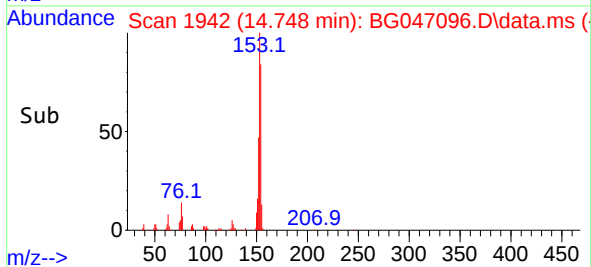
Tgt Ion:165 Resp: 15917
Ion Ratio Lower Upper
165 100
63 61.8 33.7 50.5#
89 49.7 36.6 54.8



#52
Acenaphthene
Concen: 8.68 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



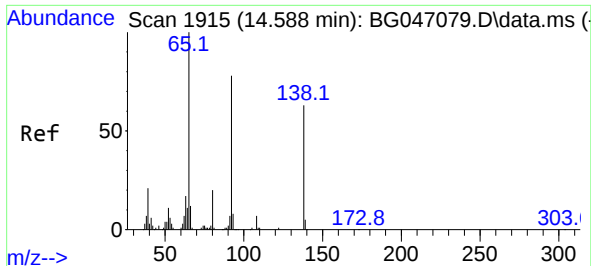
Tgt Ion:154 Resp: 53483
Ion Ratio Lower Upper
154 100
153 118.5 90.3 135.5
152 55.8 43.8 65.8



Instrument :
BNA_G
ClientSampleId :
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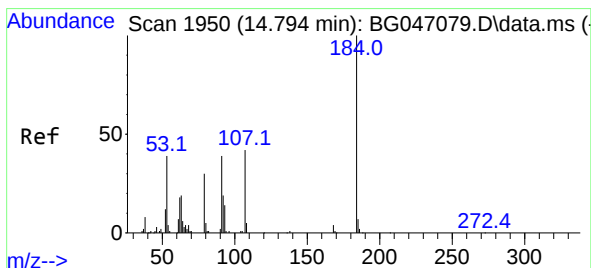
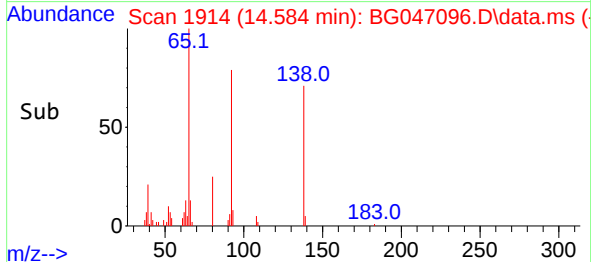
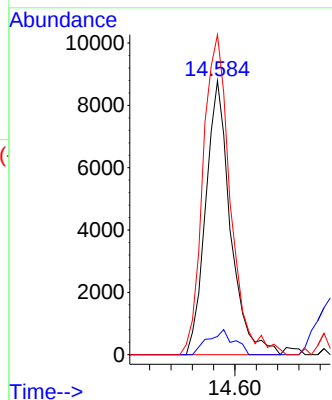
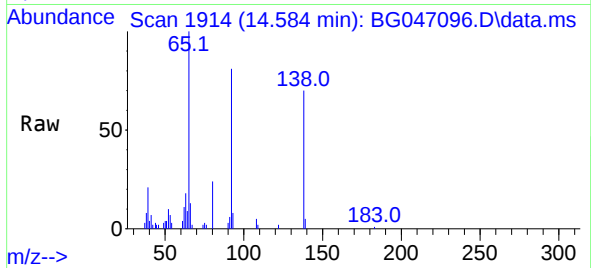
#53
3-Nitroaniline
Concen: 7.97 ng
RT: 14.584 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:138 Resp: 14199
Ion Ratio Lower Upper
138 100
108 6.7 7.4 11.0#
92 116.8 85.2 127.8

Instrument :
BNA_G
ClientSampleId :
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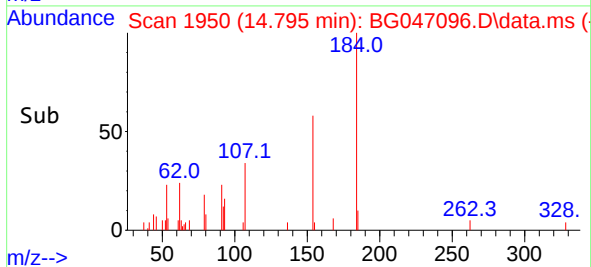
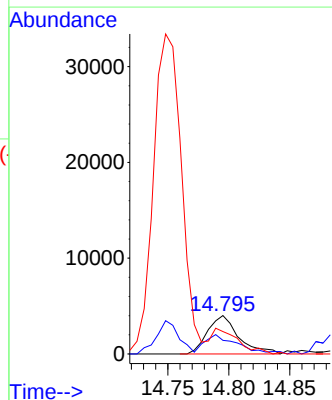
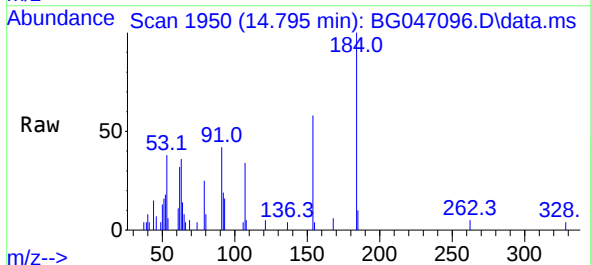
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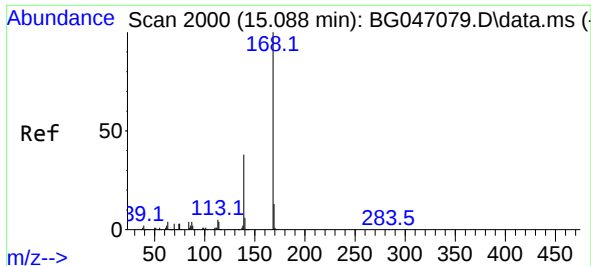
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#54
2,4-Dinitrophenol
Concen: 6.02 ng
RT: 14.795 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:184 Resp: 7120
Ion Ratio Lower Upper
184 100
63 35.6 32.3 48.5
154 58.1 40.4 60.6





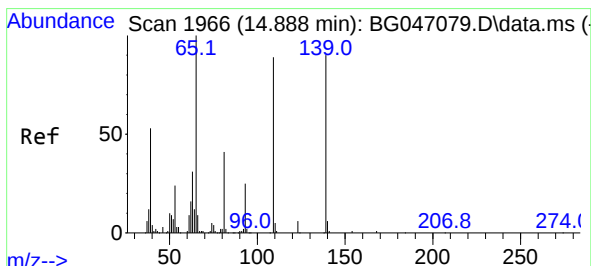
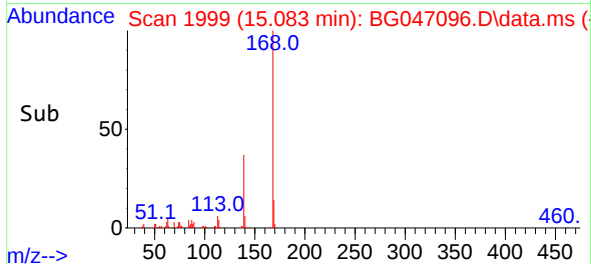
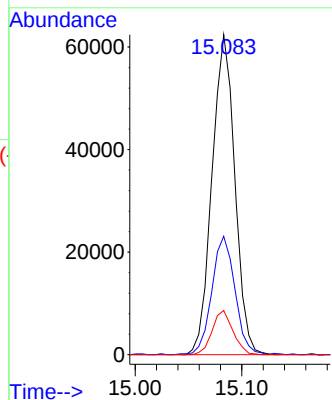
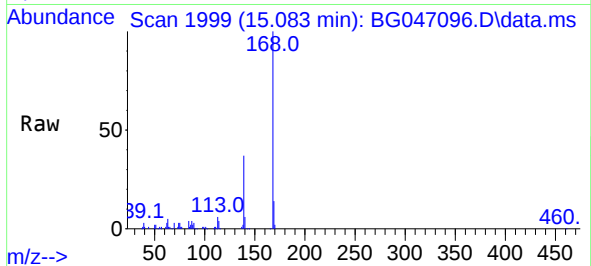
#55
Dibenzenofuran
Concen: 9.36 ng
RT: 15.083 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	168	Resp:	92637
Ion Ratio	Lower	Upper	
168	100		
139	37.0	28.6	43.0
169	13.8	11.0	16.6

Instrument :
BNA_G
ClientSampleId :
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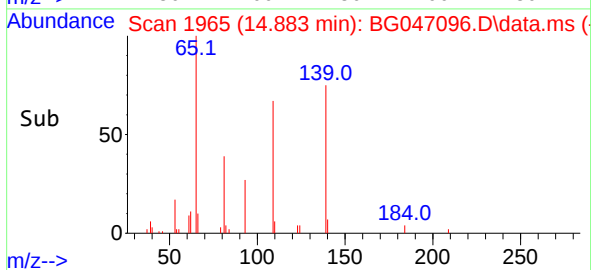
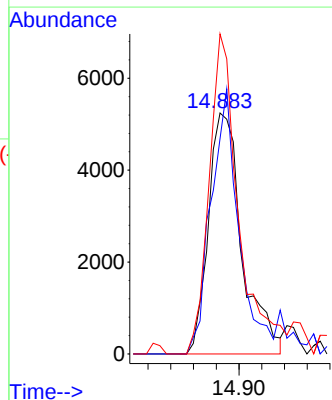
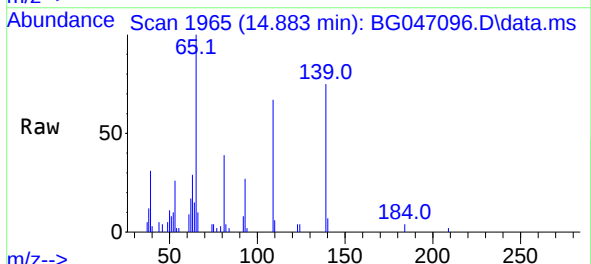
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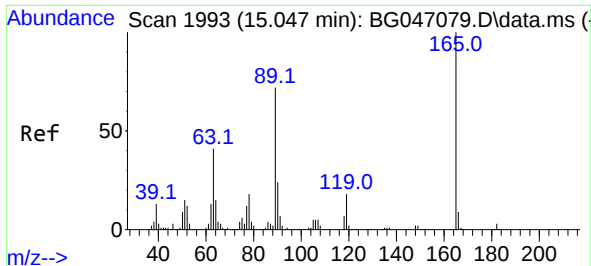
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#56
4-Nitrophenol
Concen: 7.72 ng
RT: 14.883 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	139	Resp:	10761
Ion Ratio	Lower	Upper	
139	100		
109	89.4	45.9	85.9#
65	132.8	65.4	105.4#





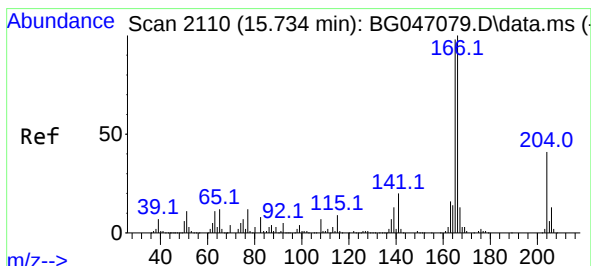
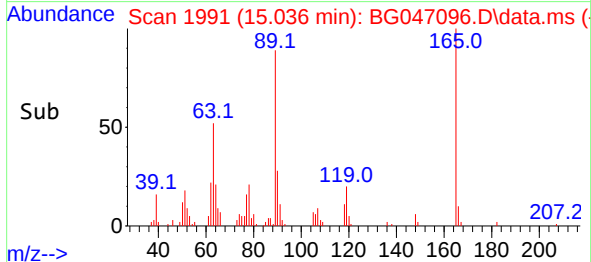
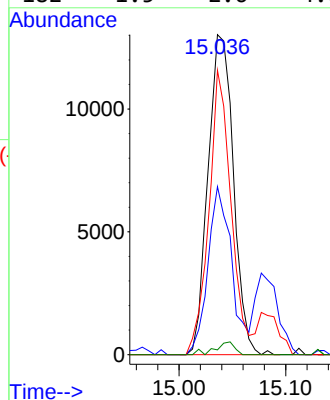
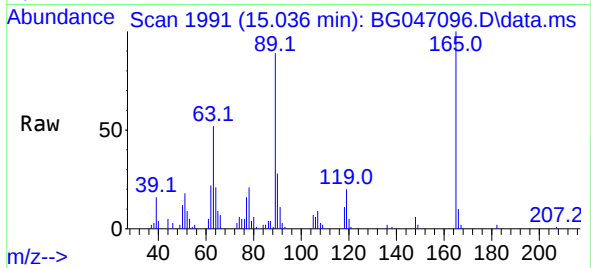
#57
2,4-Dinitrotoluene
Concen: 8.36 ng
RT: 15.036 min Scan# 1991
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	165	Resp:	21525
Ion Ratio	Lower	Upper	
165	100		
63	52.5	26.4	39.6#
89	88.9	47.8	71.8#
182	1.5	2.6	4.0#

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

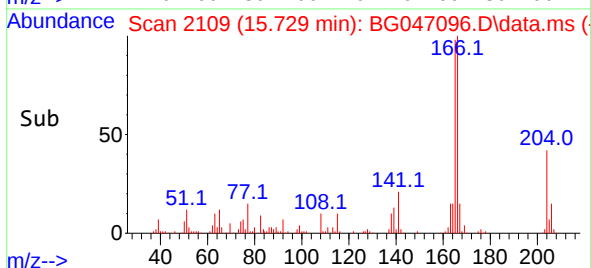
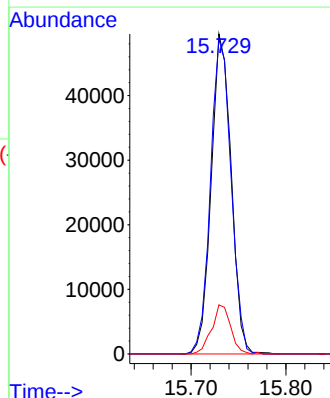
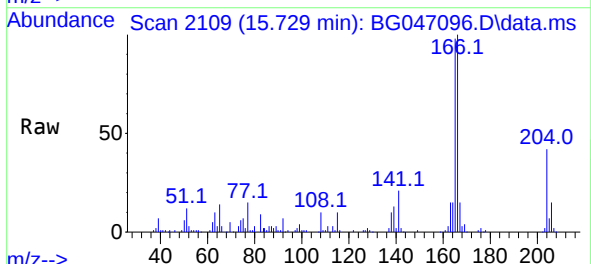
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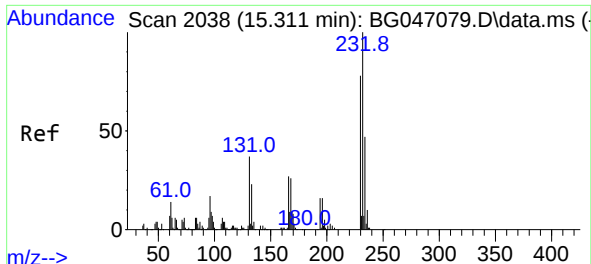
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#58
Fluorene
Concen: 9.05 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	166	Resp:	72283
Ion Ratio	Lower	Upper	
166	100		
165	98.3	77.2	115.8
167	15.3	11.4	17.2





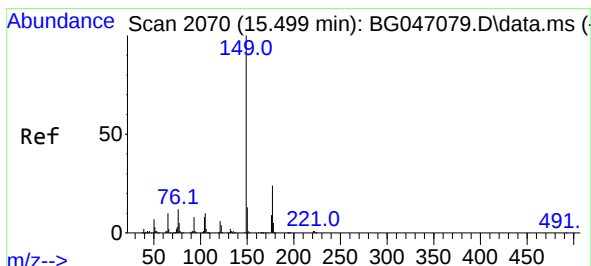
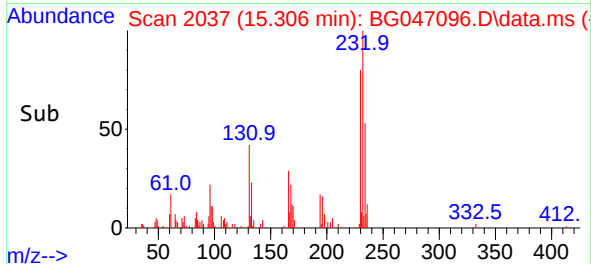
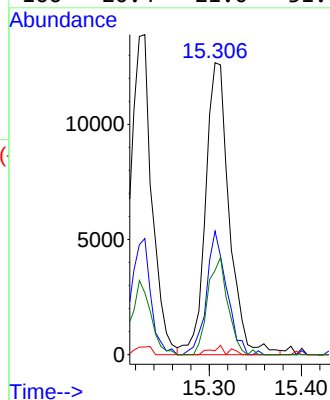
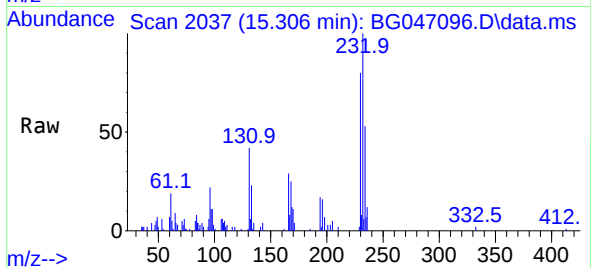
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.45 ng m
RT: 15.306 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	232	Resp:	22668
Ion Ratio	Lower	Upper	
232	100		
131	32.2	26.6	40.0
130	1.9	1.4	2.0
166	20.4	21.0	31.6#

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

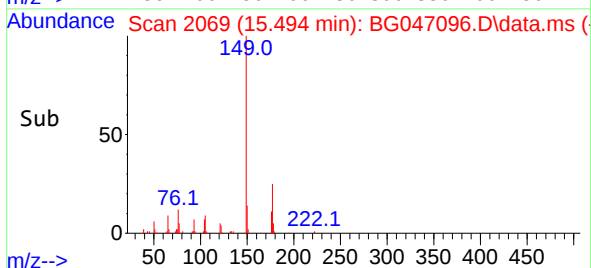
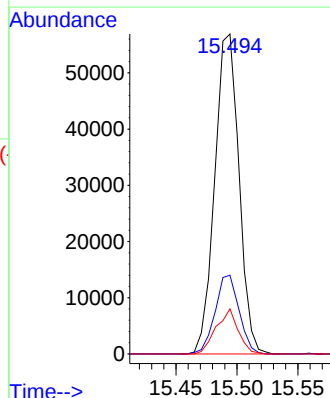
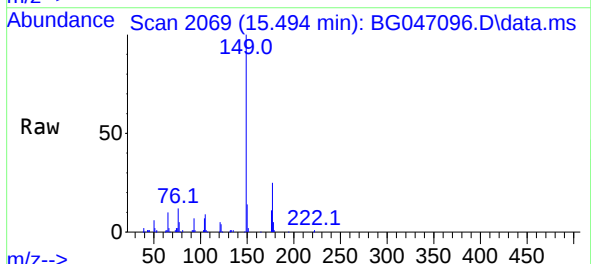
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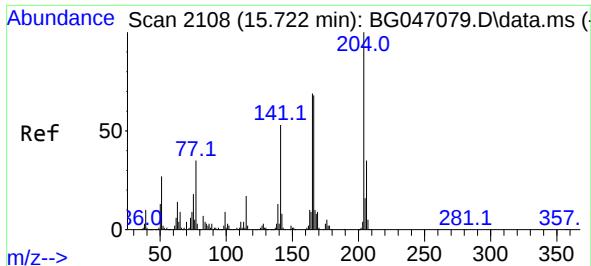
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#60
Diethylphthalate
Concen: 9.19 ng
RT: 15.494 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

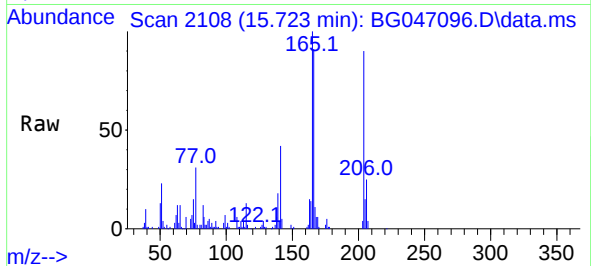
Tgt Ion:	149	Resp:	78736
Ion Ratio	Lower	Upper	
149	100		
177	24.6	21.4	32.2
150	14.1	10.7	16.1





#61
4-Chlorophenyl-phenylether
Concen: 8.80 ng
RT: 15.723 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

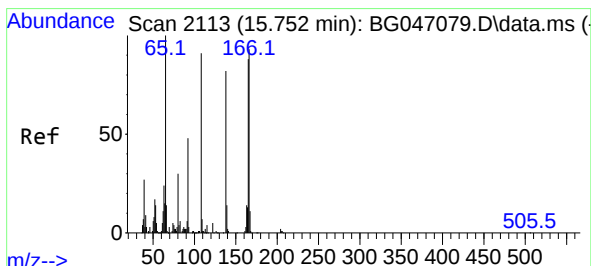
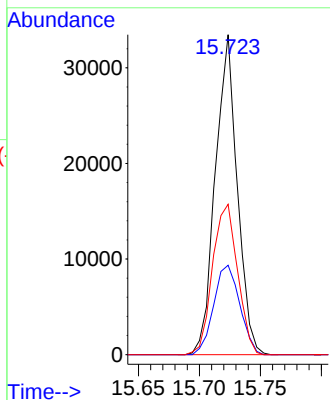
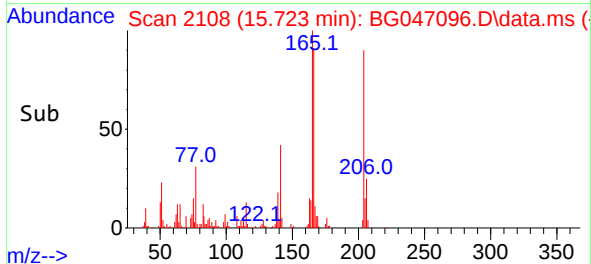
Instrument :
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ClientSampleId :
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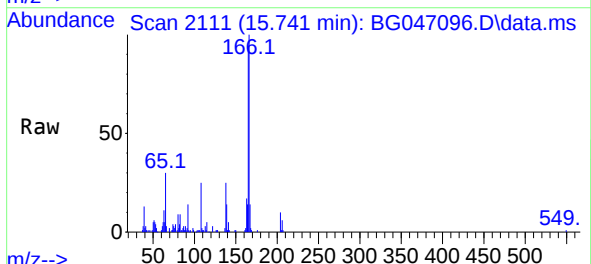
Tgt Ion:204 Resp: 41921
Ion Ratio Lower Upper
204 100
206 27.9 27.8 41.8
141 47.0 41.5 62.3

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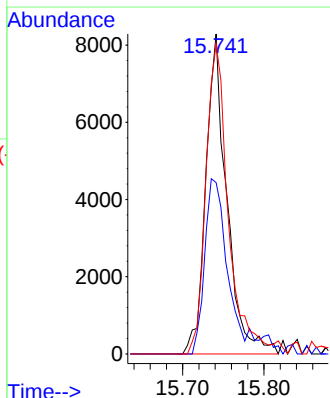
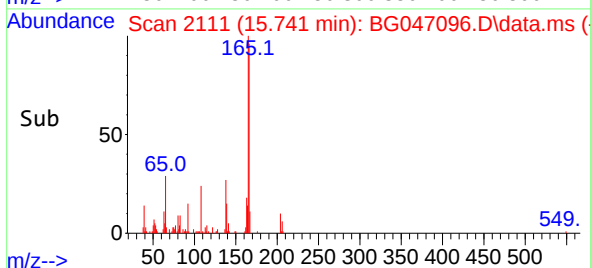
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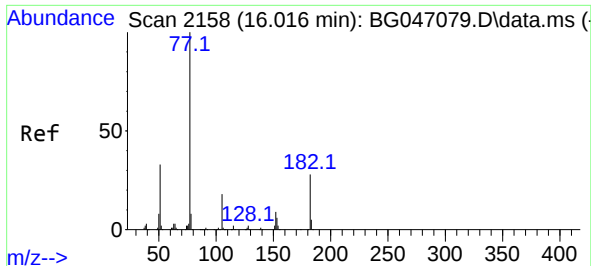


#62
4-Nitroaniline
Concen: 7.77 ng
RT: 15.741 min Scan# 2111
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

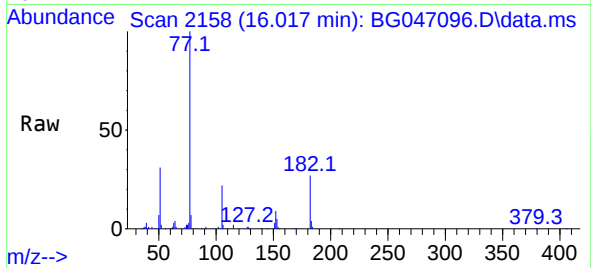


Tgt Ion:138 Resp: 14869
Ion Ratio Lower Upper
138 100
92 53.5 26.9 66.9
108 96.9 49.4 89.4#

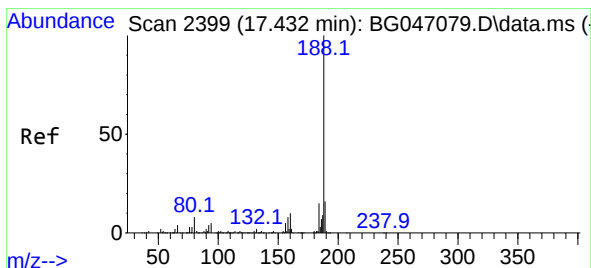
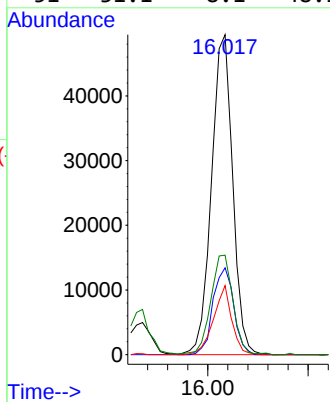
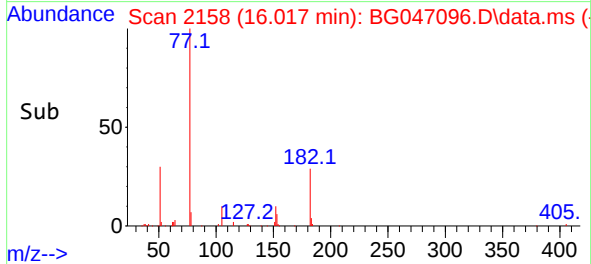




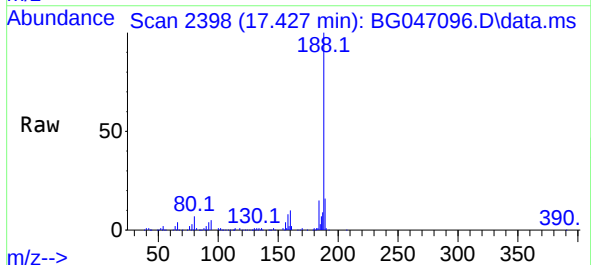
#63
Azobenzene
Concen: 9.53 ng
RT: 16.017 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



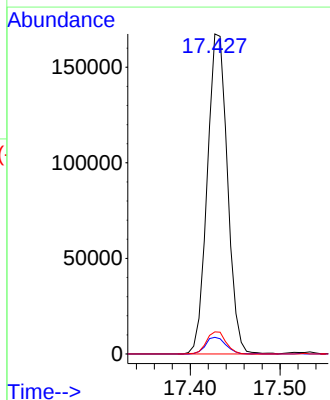
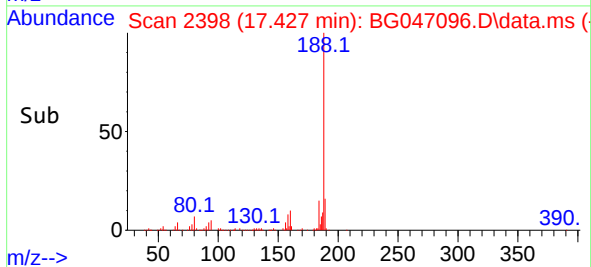
Tgt Ion: 77 Resp: 72523
Ion Ratio Lower Upper
77 100
182 27.1 14.0 54.0
105 21.6 3.0 43.0
51 31.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.427 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



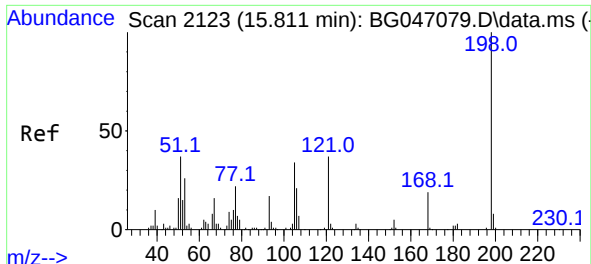
Tgt Ion: 188 Resp: 261675
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.9 7.0 10.6#



Instrument :
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ClientSampleId :
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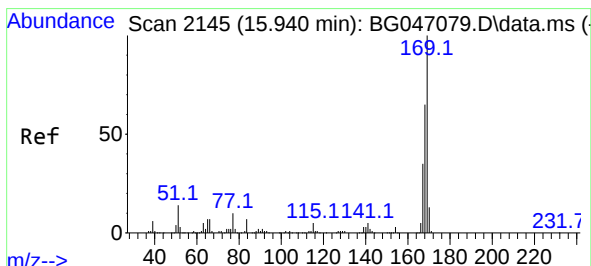
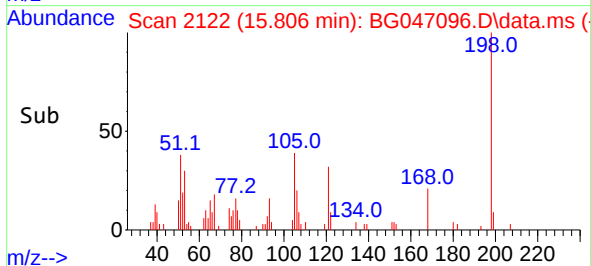
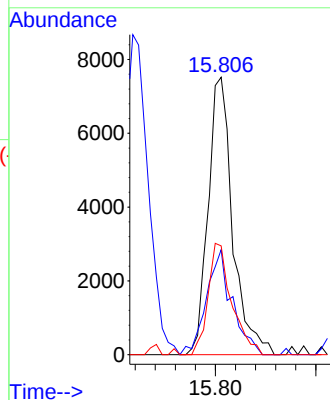
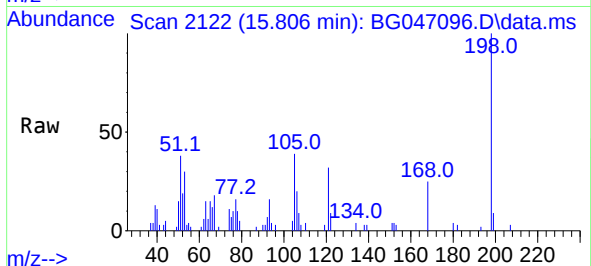
#65
4,6-Dinitro-2-methylphenol
Concen: 7.93 ng
RT: 15.806 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.9	10.4	50.4
105	39.2	12.9	52.9

Instrument :
BNA_G
ClientSampleId :
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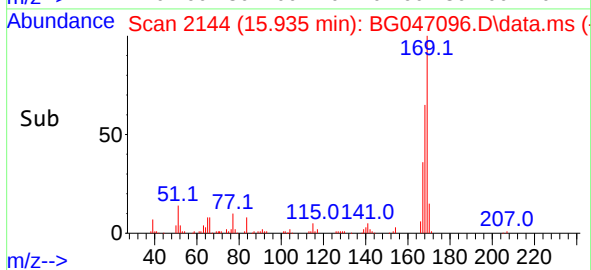
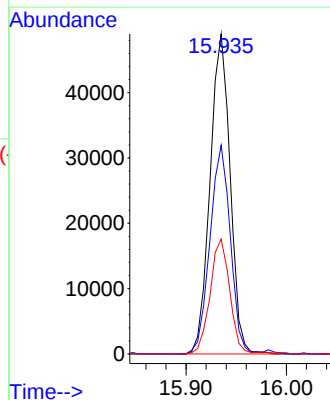
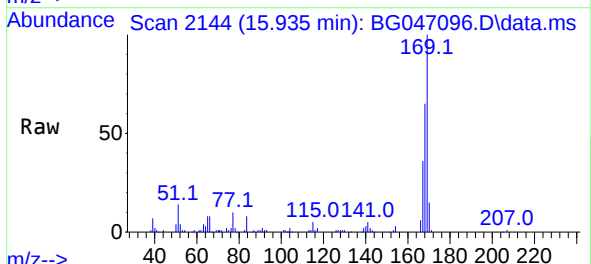
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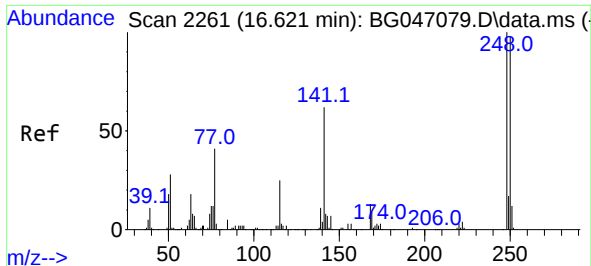
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#66
n-Nitrosodiphenylamine
Concen: 9.06 ng
RT: 15.935 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.2	55.5	83.3
167	35.9	30.5	45.7





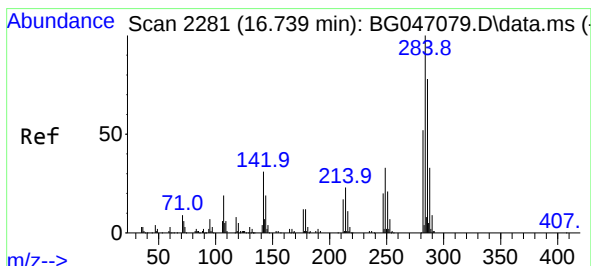
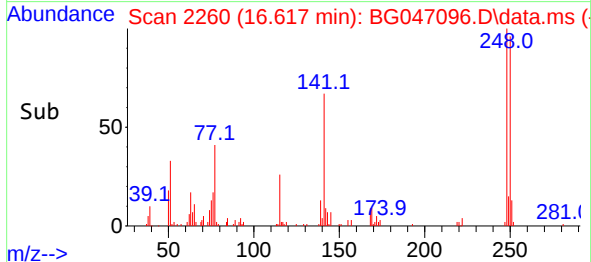
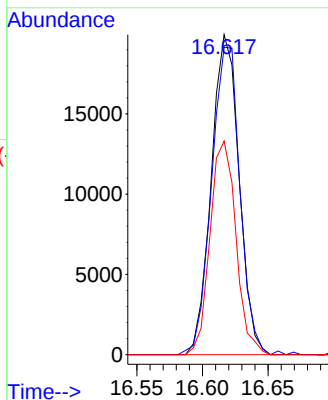
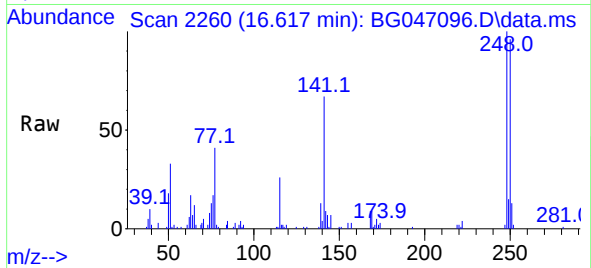
#67
4-Bromophenyl-phenylether
Concen: 8.50 ng
RT: 16.617 min Scan# 2260
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	248	Resp:	29273
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.9	118.3
141	66.8	46.2	69.4

Instrument :
BNA_G
ClientSampleId :
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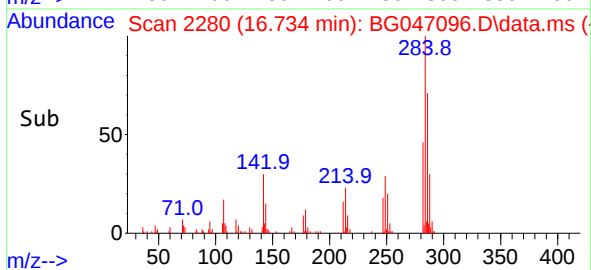
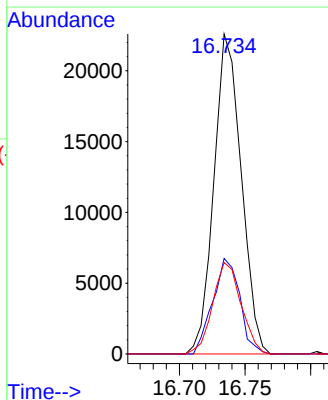
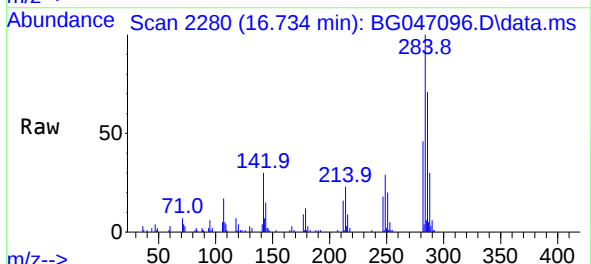
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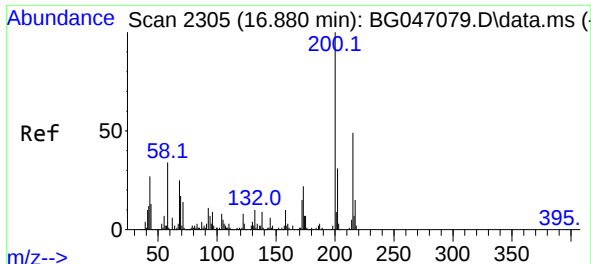
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#68
Hexachlorobenzene
Concen: 9.00 ng
RT: 16.734 min Scan# 2280
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

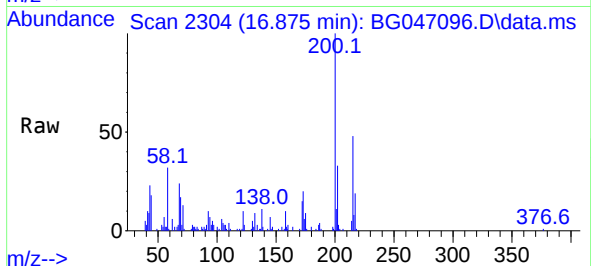
Tgt Ion:	284	Resp:	32683
Ion Ratio	Lower	Upper	
284	100		
142	29.9	21.1	31.7
249	28.6	25.9	38.9





#69
Atrazine
Concen: 9.08 ng
RT: 16.875 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

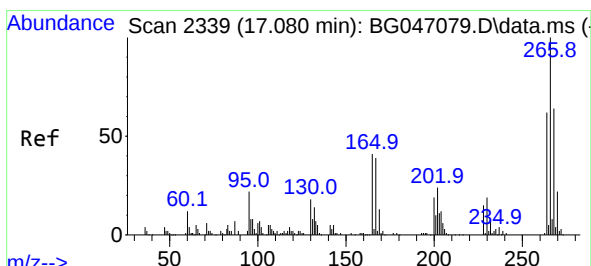
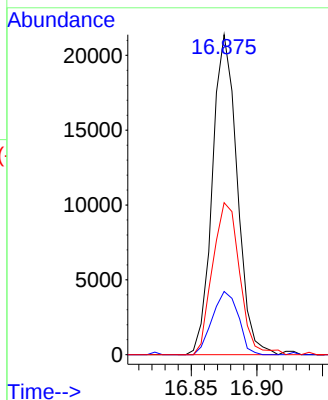
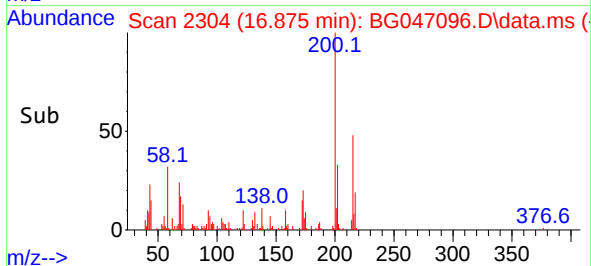
Instrument :
BNA_G
ClientSampleId :
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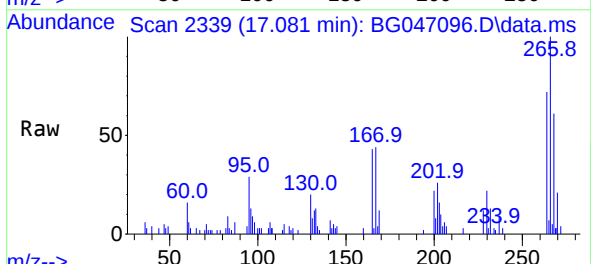
Tgt Ion:200 Resp: 28060
Ion Ratio Lower Upper
200 100
173 19.7 4.2 44.2
215 47.5 30.0 70.0

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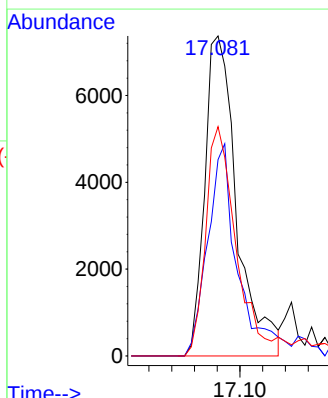
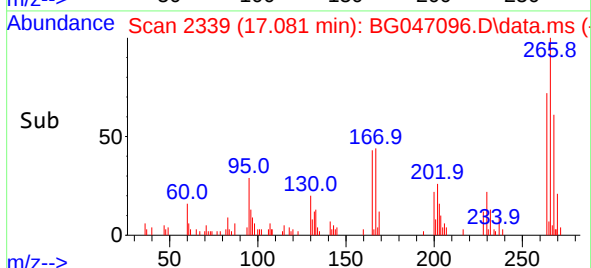
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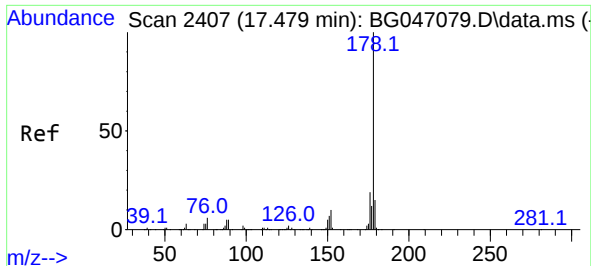


#70
Pentachlorophenol
Concen: 6.82 ng
RT: 17.081 min Scan# 2339
Delta R.T. 0.001 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



Tgt Ion:266 Resp: 14440
Ion Ratio Lower Upper
266 100
268 64.8 49.8 74.6
264 71.6 49.3 73.9





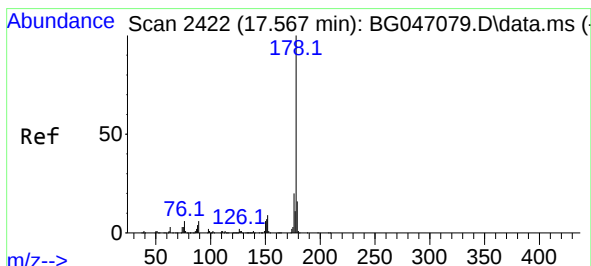
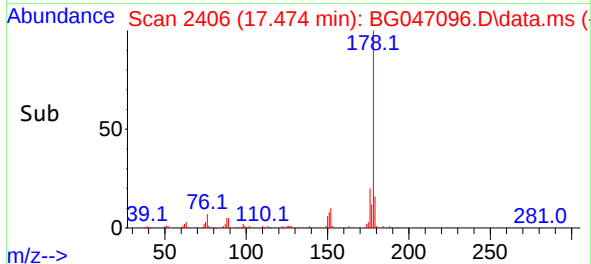
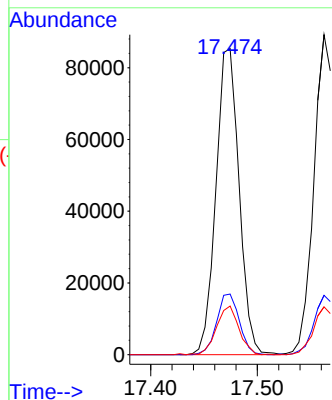
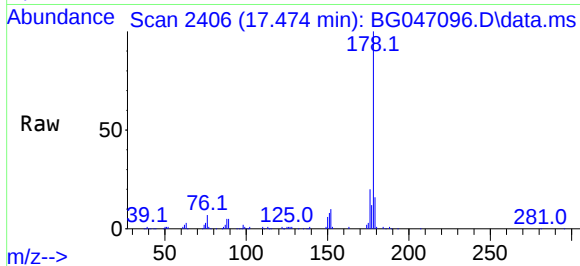
#71
Phenanthrene
Concen: 9.20 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:178 Resp: 128572
Ion Ratio Lower Upper
178 100
176 19.8 16.7 25.1
179 15.9 14.0 21.0

Instrument :
BNA_G
ClientSampleId :
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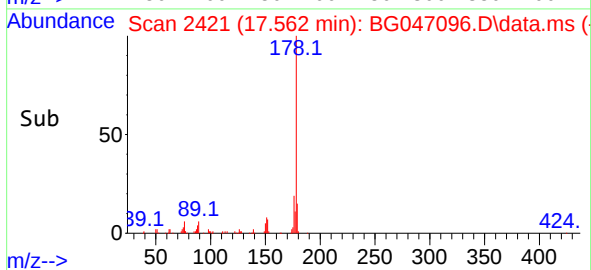
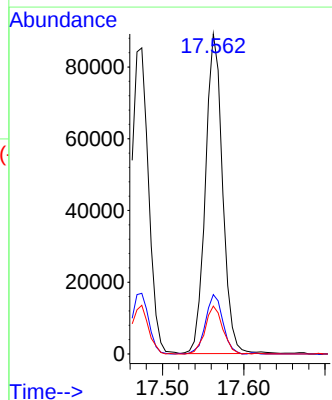
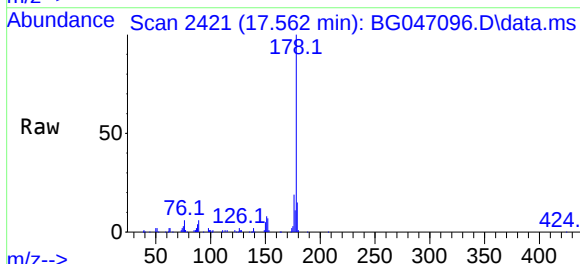
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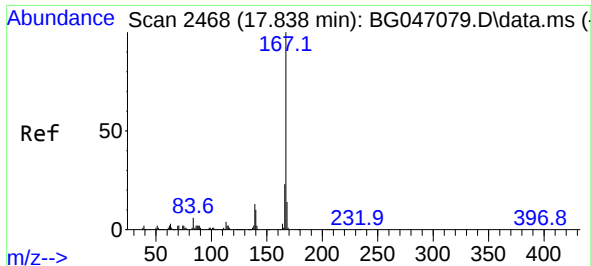
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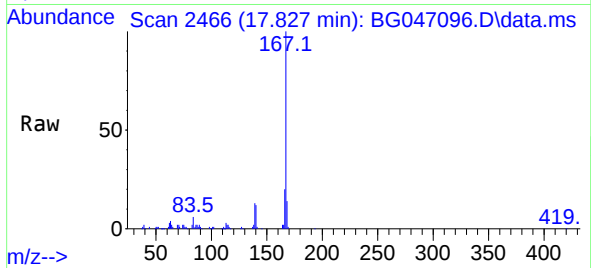
#72
Anthracene
Concen: 9.52 ng
RT: 17.562 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:178 Resp: 130429
Ion Ratio Lower Upper
178 100
176 18.6 16.4 24.6
179 15.0 13.8 20.6

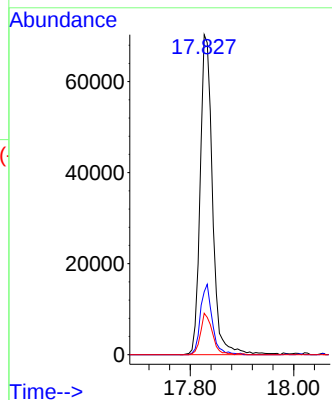




#73
Carbazole
Concen: 9.56 ng
RT: 17.827 min Scan# 2466
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



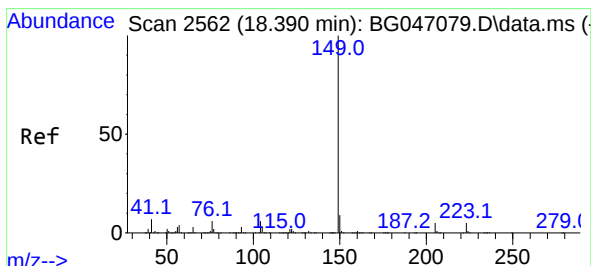
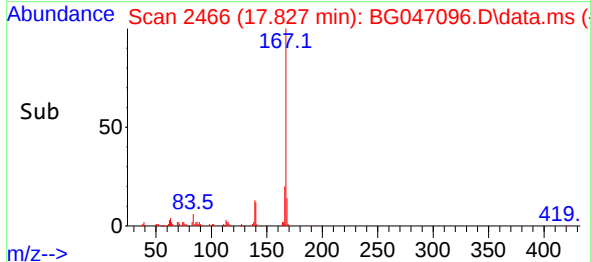
Tgt Ion:167 Resp: 116456
Ion Ratio Lower Upper
167 100
166 19.6 18.7 28.1
139 12.9 9.6 14.4



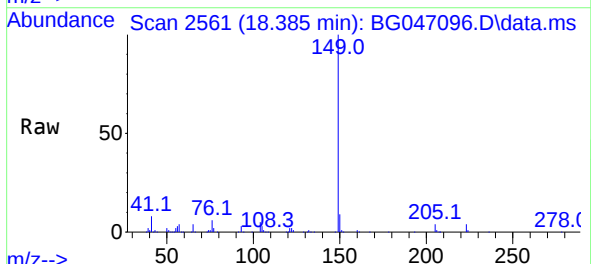
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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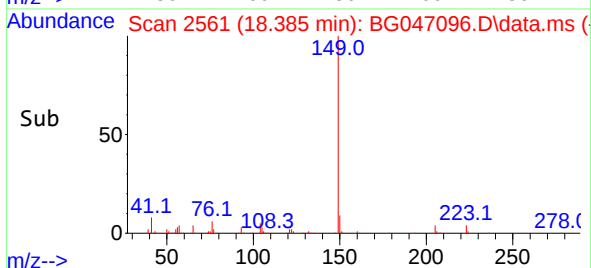
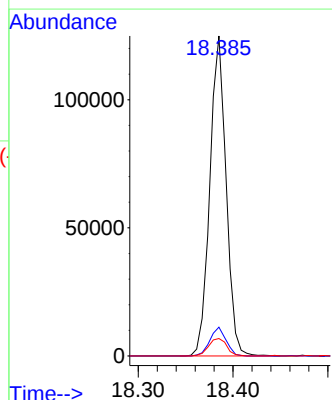
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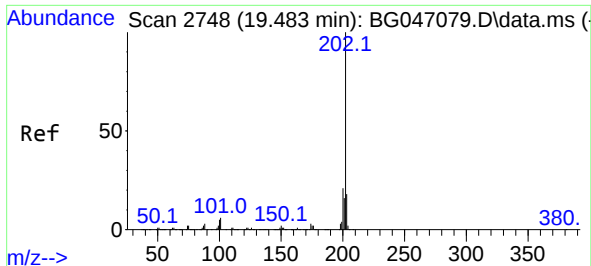


#74
Di-n-butylphthalate
Concen: 9.87 ng
RT: 18.385 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



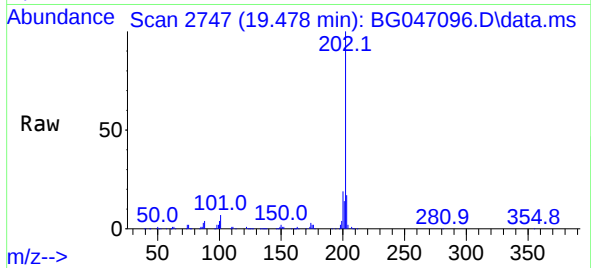
Tgt Ion:149 Resp: 148521
Ion Ratio Lower Upper
149 100
150 9.0 8.2 12.4
104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 10.04 ng
RT: 19.478 min Scan# 2747
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

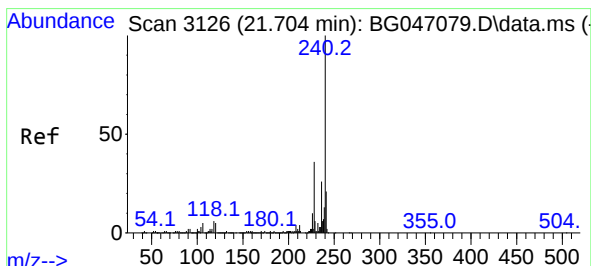
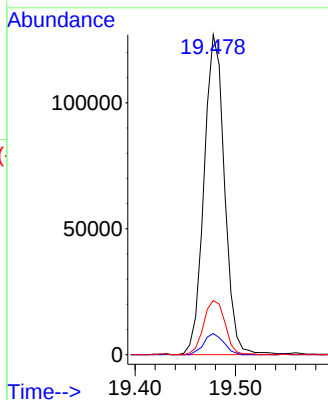
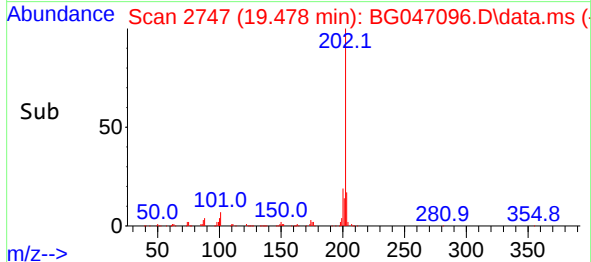
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



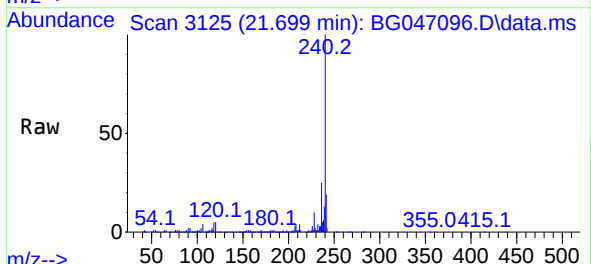
Tgt Ion:202 Resp: 180315
Ion Ratio Lower Upper
202 100
101 6.6 0.0 29.7
203 16.9 0.0 39.2

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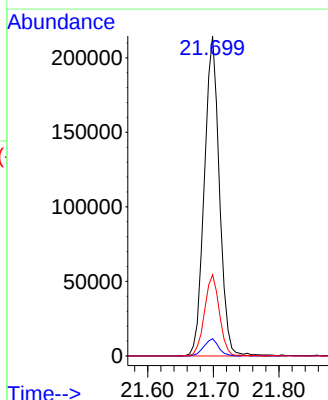
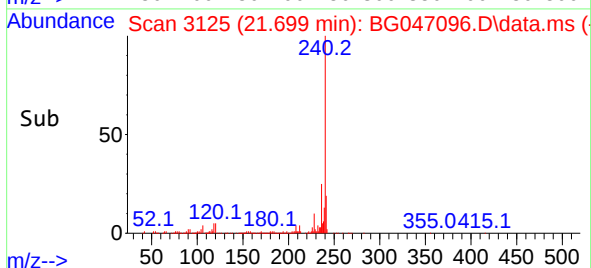
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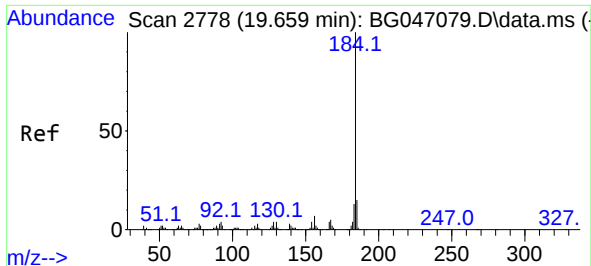


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.699 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44



Tgt Ion:240 Resp: 343605
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 25.4 20.5 30.7





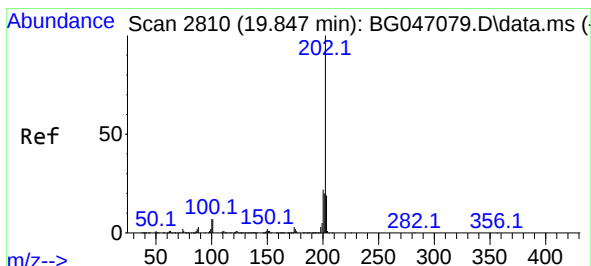
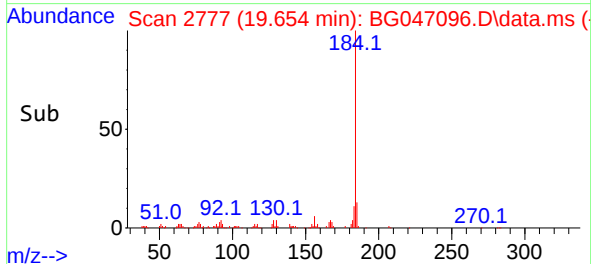
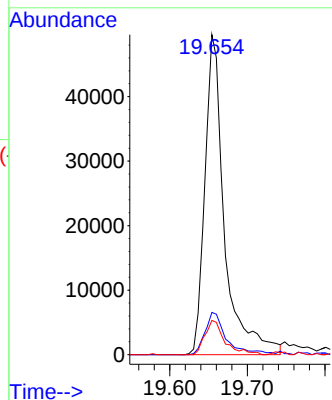
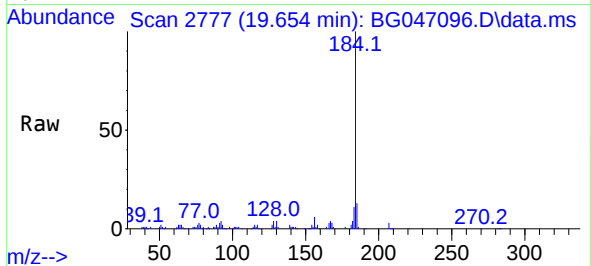
#77
Benzidine
Concen: 11.10 ng
RT: 19.654 min Scan# 2777
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:184	Resp:	87140
Ion Ratio	Lower	Upper
184	100	
185	13.2	12.4 18.6
183	10.7	10.6 15.8

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

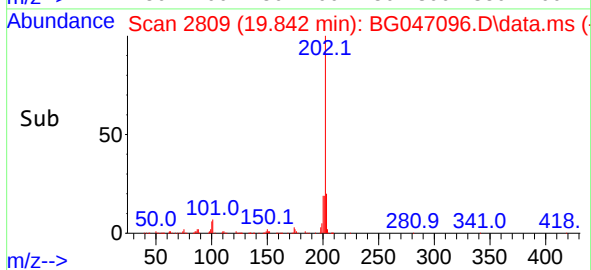
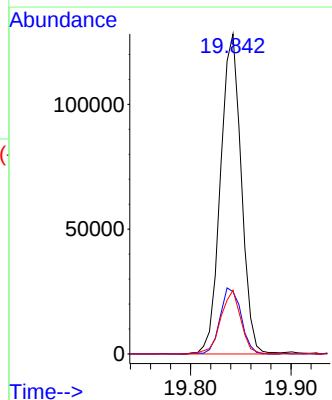
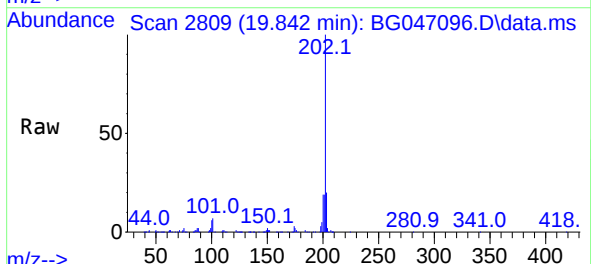
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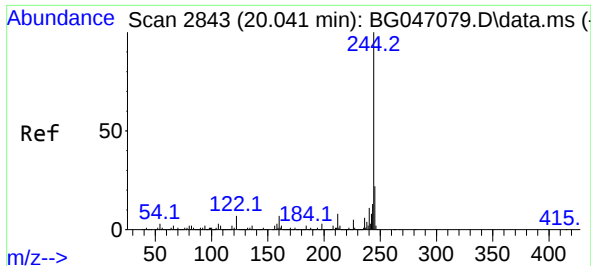
mohammad
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#78
Pyrene
Concen: 8.39 ng
RT: 19.842 min Scan# 2809
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

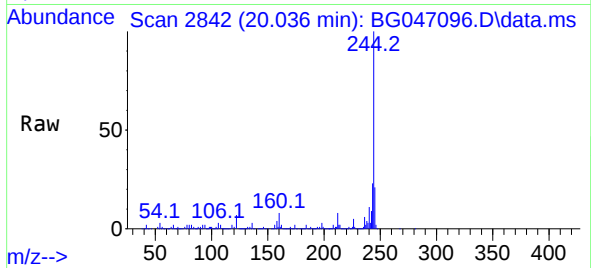
Tgt Ion:202	Resp:	183891
Ion Ratio	Lower	Upper
202	100	
200	19.5	18.6 27.8
203	19.9	15.3 22.9





#79
 Terphenyl-d14
 Concen: 78.20 ng
 RT: 20.036 min Scan# 2842
 Delta R.T. -0.005 min
 Lab File: BG047096.D
 Acq: 27 Oct 2020 15:44

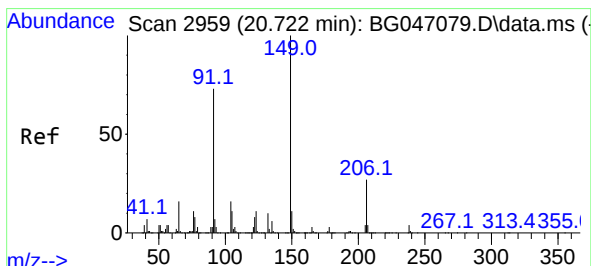
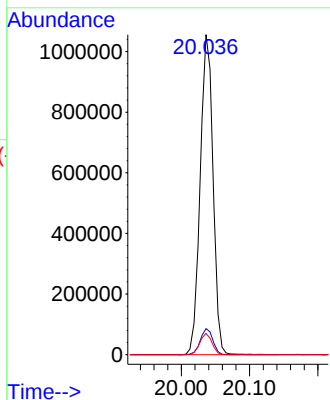
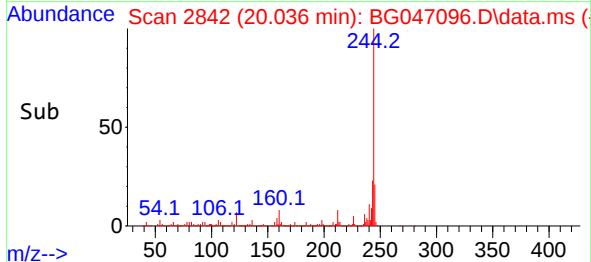
Instrument :
 BNA_G
 ClientSampleId :
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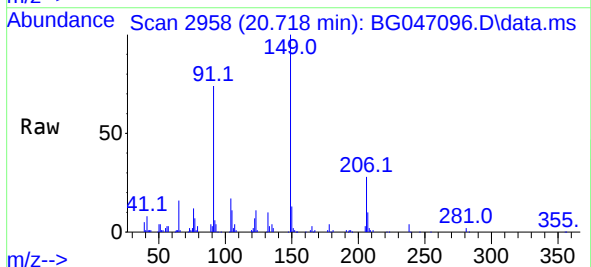
Tgt Ion:244 Resp: 1381829
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.7 7.8 11.6#

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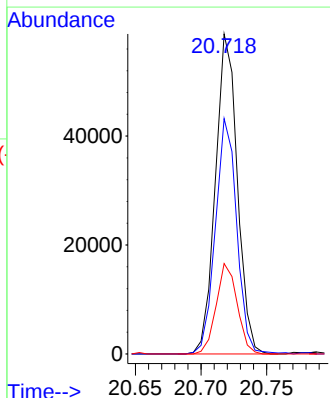
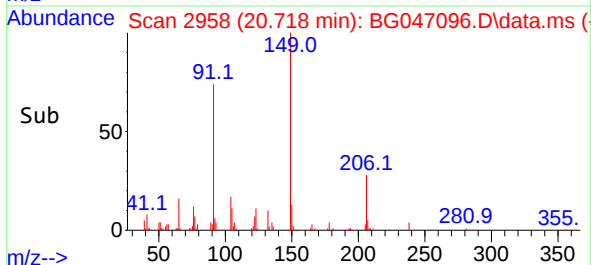
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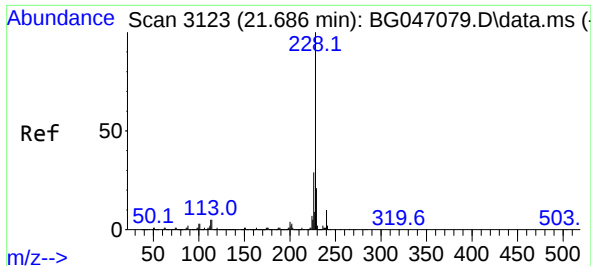


#80
 Butylbenzylphthalate
 Concen: 8.11 ng
 RT: 20.718 min Scan# 2958
 Delta R.T. -0.005 min
 Lab File: BG047096.D
 Acq: 27 Oct 2020 15:44



Tgt Ion:149 Resp: 68082
 Ion Ratio Lower Upper
 149 100
 91 73.5 51.5 77.3
 206 28.3 21.2 31.8





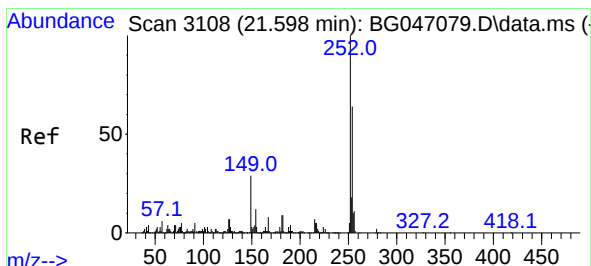
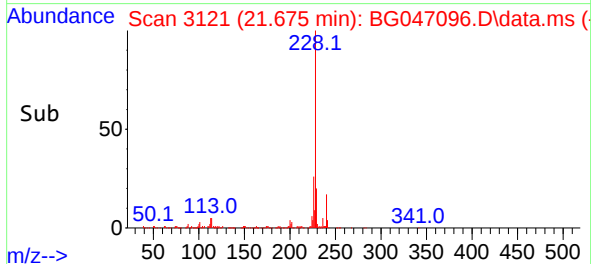
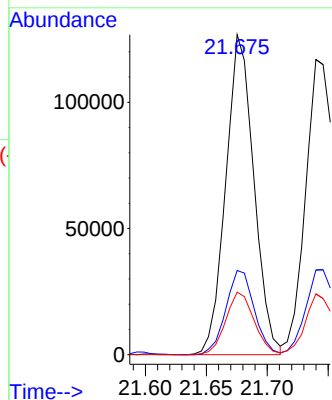
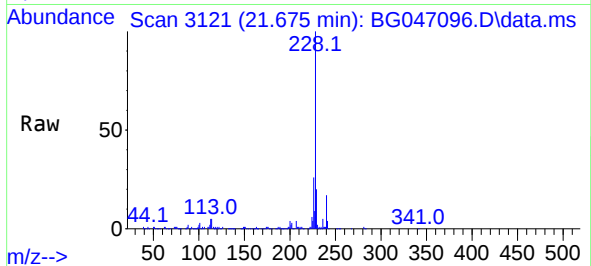
#81
Benzo(a)anthracene
Concen: 9.05 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:228 Resp: 203715
Ion Ratio Lower Upper
228 100
226 26.3 23.3 34.9
229 19.6 17.4 26.0

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

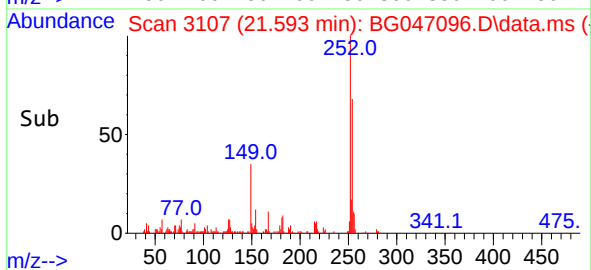
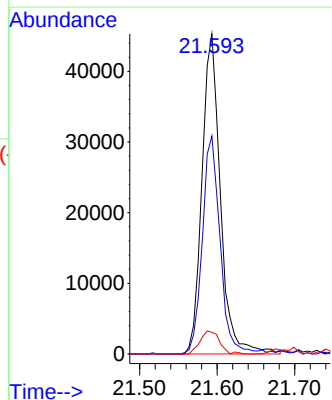
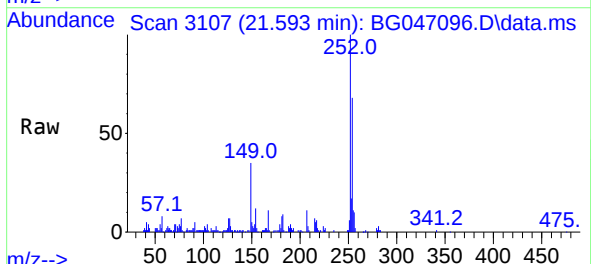
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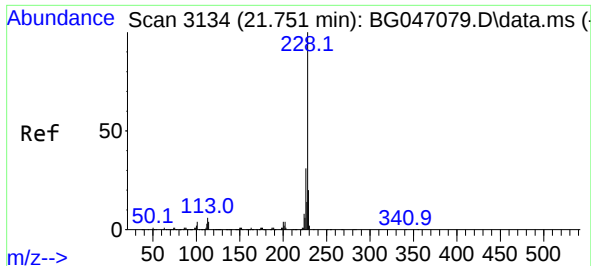
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#82
3,3'-Dichlorobenzidine
Concen: 9.16 ng
RT: 21.593 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:252 Resp: 74741
Ion Ratio Lower Upper
252 100
254 68.1 53.2 79.8
126 6.8 6.8 10.2#





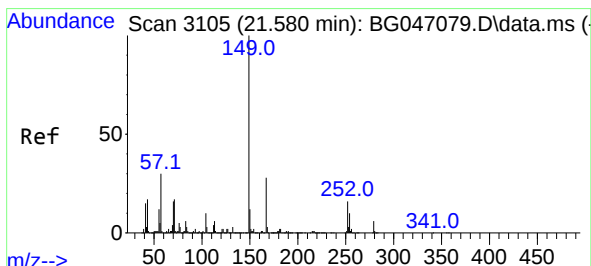
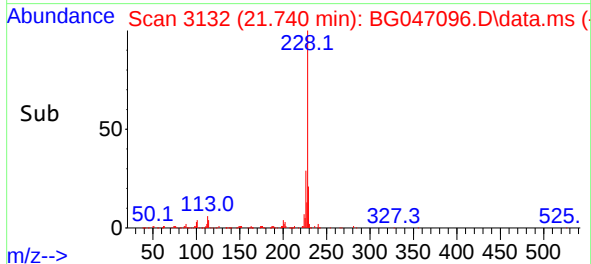
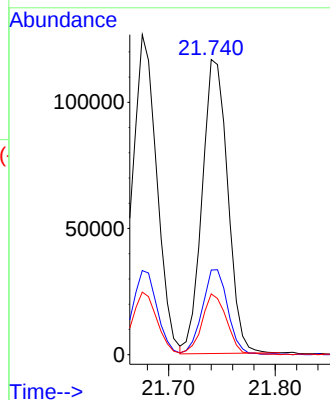
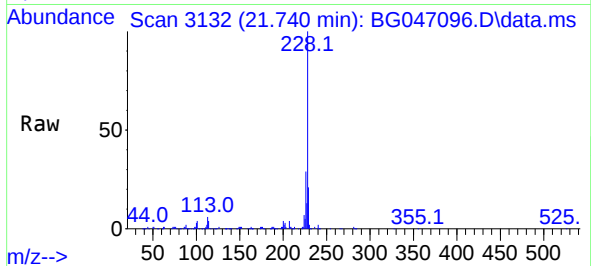
#83
Chrysene
Concen: 9.06 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	228	Resp:	194268
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.0	37.4
229	20.6	17.3	25.9

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

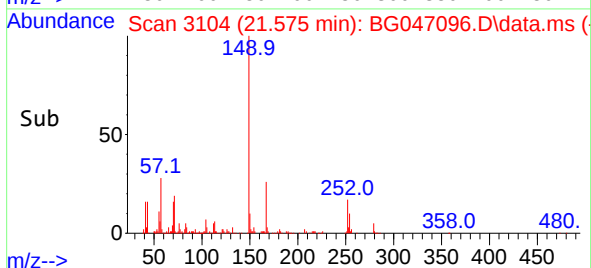
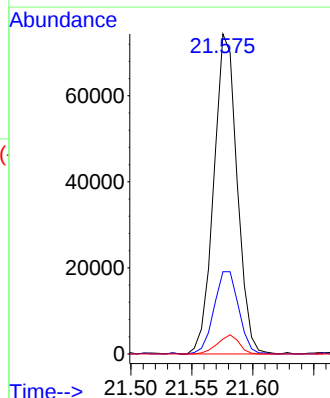
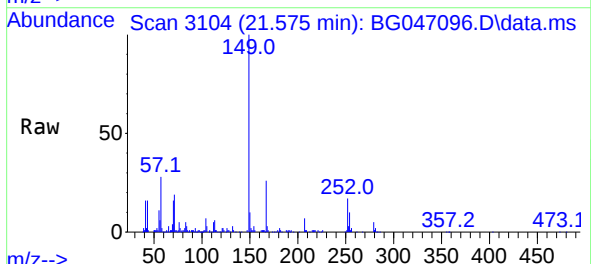
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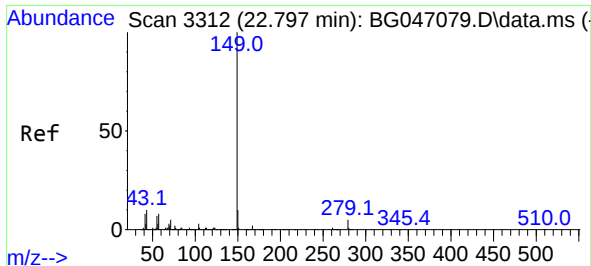
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.37 ng
RT: 21.575 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:	149	Resp:	99060
Ion Ratio	Lower	Upper	
149	100		
167	25.7	24.8	37.2
279	4.6	4.6	7.0





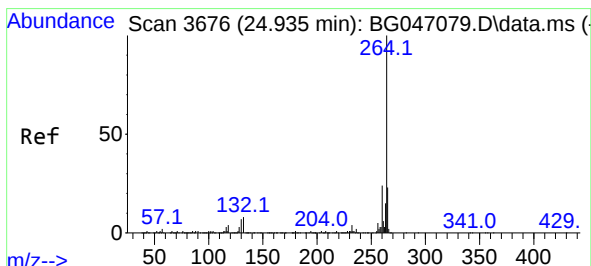
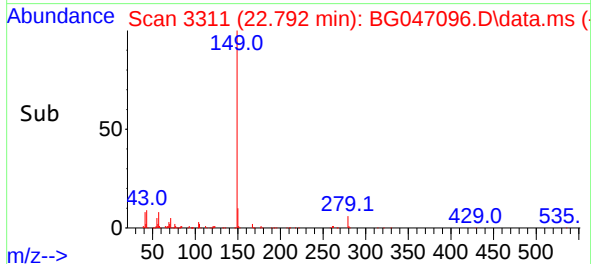
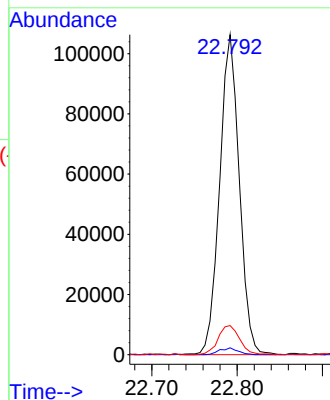
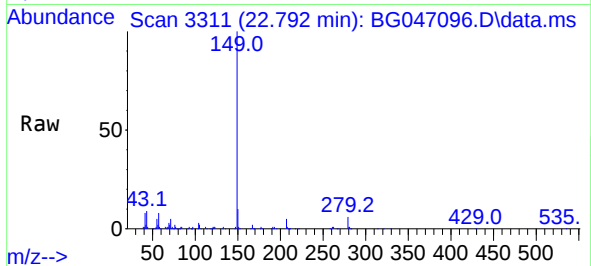
#85
Di-n-octyl phthalate
Concen: 8.56 ng
RT: 22.792 min Scan# 3311
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:149 Resp: 170297
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.2
43 10.0 6.8 10.2

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

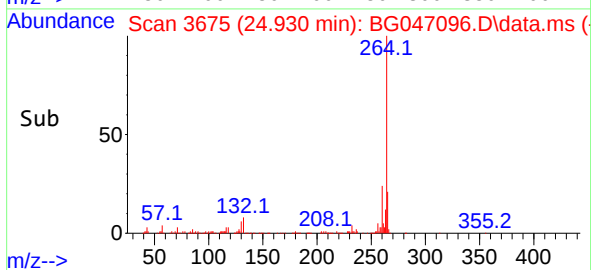
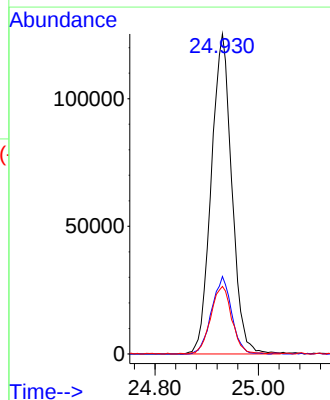
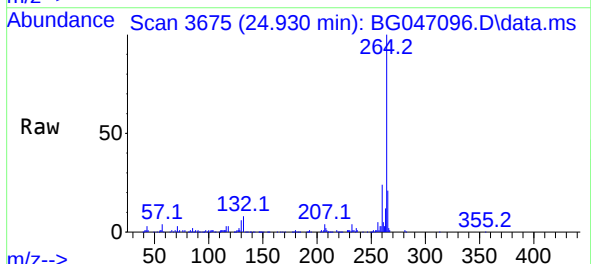
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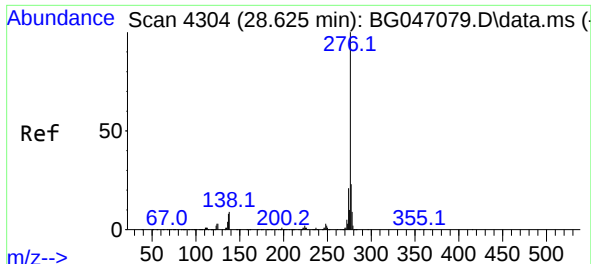
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:264 Resp: 344851
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.1 17.8 26.8





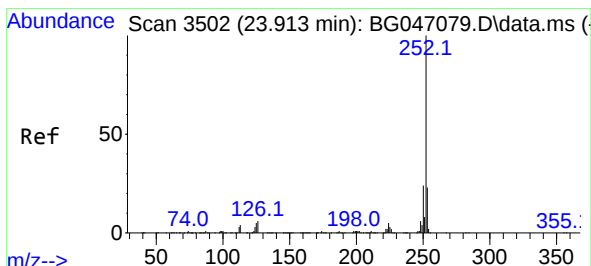
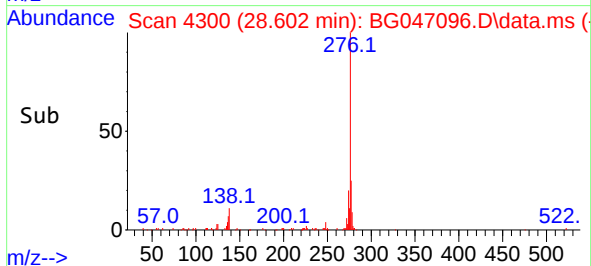
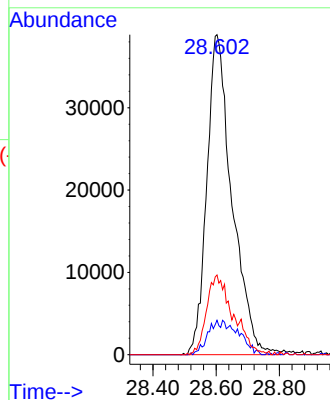
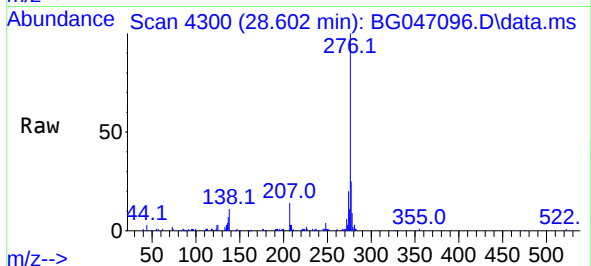
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.53 ng
RT: 28.602 min Scan# 4300
Delta R.T. -0.022 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 276 Resp: 214876
Ion Ratio Lower Upper
276 100
138 5.6 16.2 24.2#
277 26.3 20.3 30.5

Instrument :
BNA_G
ClientSampleId :
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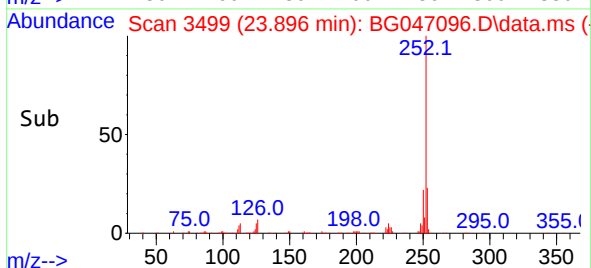
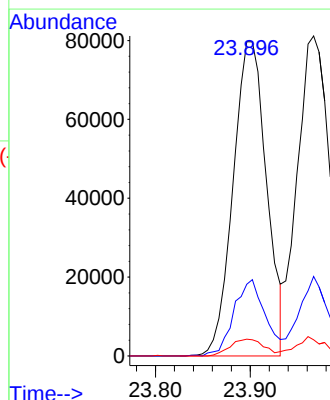
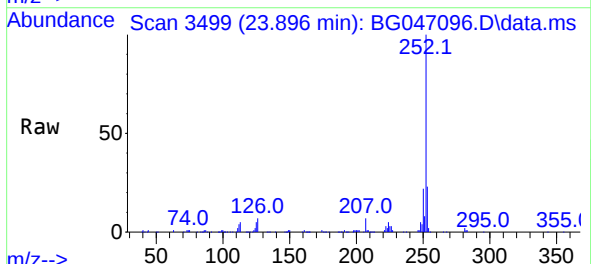
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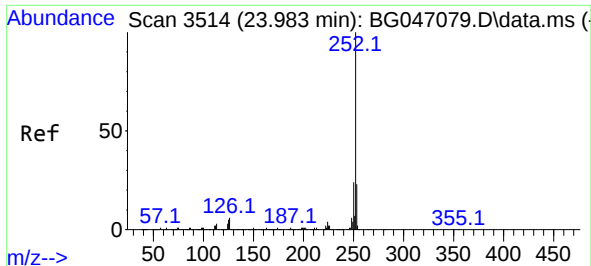
mohammad
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#88
Benzo(b)fluoranthene
Concen: 8.67 ng
RT: 23.896 min Scan# 3499
Delta R.T. -0.017 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion: 252 Resp: 195387
Ion Ratio Lower Upper
252 100
253 22.8 18.7 28.1
125 5.3 6.5 9.7#





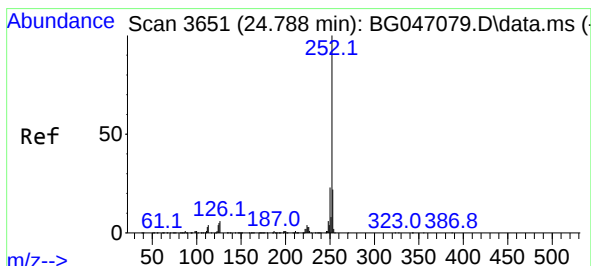
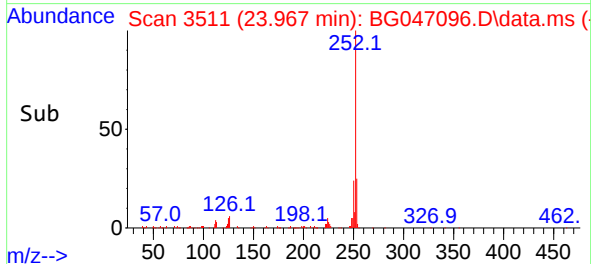
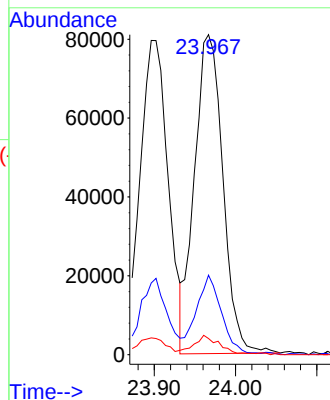
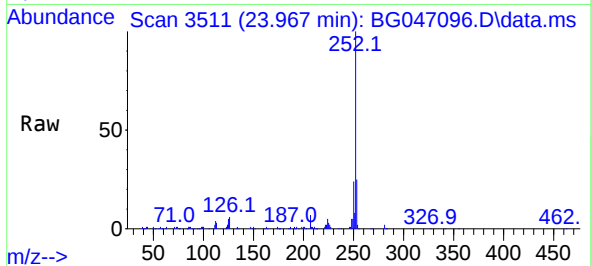
#89
Benzo(k)fluoranthene
Concen: 8.99 ng
RT: 23.967 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:252 Resp: 196814
Ion Ratio Lower Upper
252 100
253 24.8 18.6 27.8
125 5.1 6.8 10.2#

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

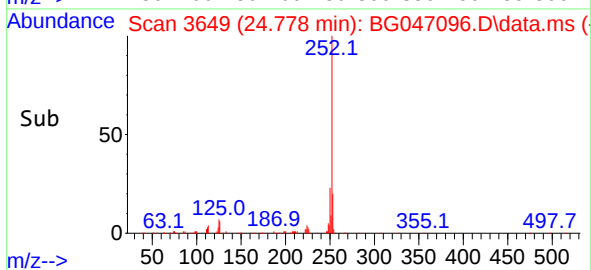
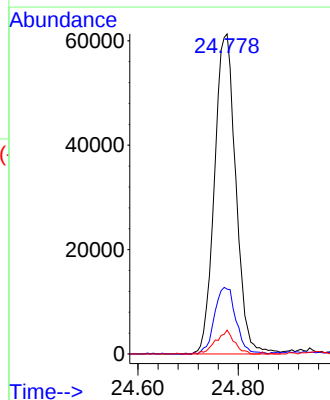
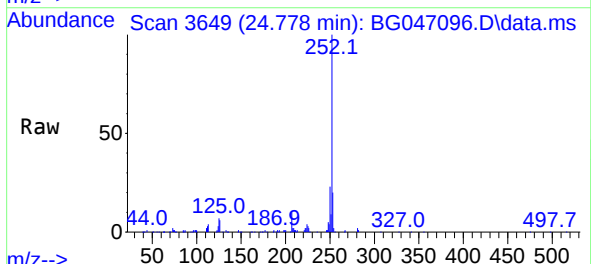
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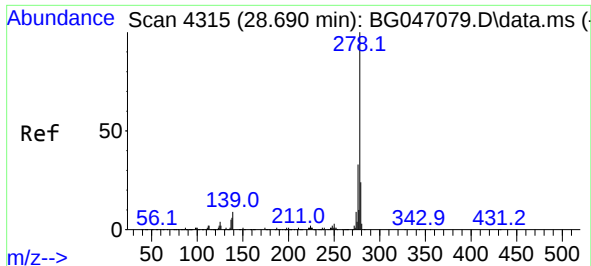
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#90
Benzo(a)pyrene
Concen: 8.59 ng
RT: 24.778 min Scan# 3649
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

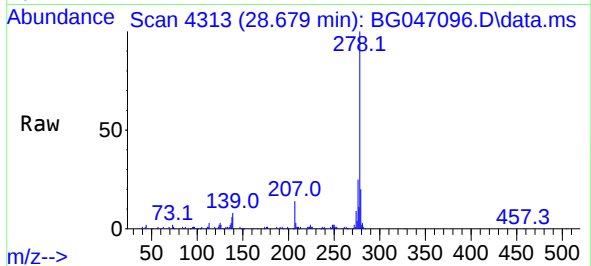
Tgt Ion:252 Resp: 180984
Ion Ratio Lower Upper
252 100
253 20.3 17.9 26.9
125 7.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 8.48 ng
RT: 28.679 min Scan# 4313
Delta R.T. -0.011 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

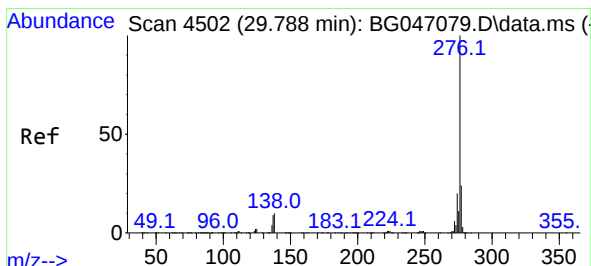
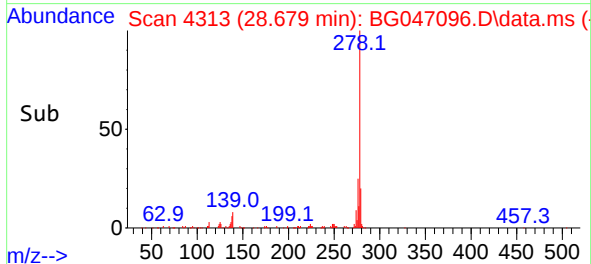
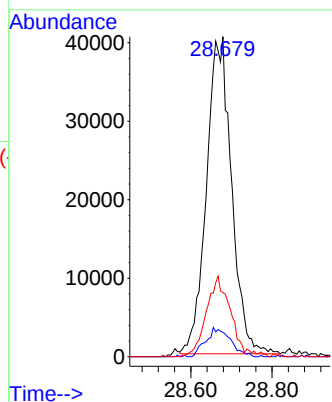
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:278 Resp: 173444
Ion Ratio Lower Upper
278 100
139 7.6 10.5 15.7#
279 20.0 19.4 29.0

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#92
Benzo(g,h,i)perylene
Concen: 8.99 ng
RT: 29.754 min Scan# 4496
Delta R.T. -0.034 min
Lab File: BG047096.D
Acq: 27 Oct 2020 15:44

Tgt Ion:276 Resp: 182712
Ion Ratio Lower Upper
276 100
277 24.0 19.6 29.4
138 9.1 13.4 20.2#

