

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
 Data File : BG047091.D
 Acq On : 27 Oct 2020 12:23
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 10/28/2020 8:05:54 AM

Quant Time: Oct 27 13:05:58 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	35814	20.00	ng	0.00
21) Naphthalene-d8	10.865	136	131861	20.00	ng	0.00
39) Acenaphthene-d10	14.684	164	96998	20.00	ng	0.00
64) Phenanthrene-d10	17.427	188	250629	20.00	ng	# 0.00
76) Chrysene-d12	21.699	240	301957	20.00	ng	# 0.00
86) Perylene-d12	24.924	264	308904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	328015	162.36	ng	0.00
7) Phenol-d6	7.210	99	452790	154.98	ng	0.00
23) Nitrobenzene-d5	9.219	82	334806	121.59	ng	0.00
42) 2,4,6-Tribromophenol	16.170	330	266268	171.26	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	840420	122.50	ng	0.00
79) Terphenyl-d14	20.036	244	1808222	116.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.503	88	6234	6.83	ng	# 77
3) Pyridine	3.908	79	13263	5.35	ng	95
4) n-Nitrosodimethylamine	3.814	42	7157	5.45	ng	# 67
6) Aniline	7.374	93	20430	5.92	ng	# 90
8) 2-Chlorophenol	7.615	128	12006	5.59	ng	92
9) Benzaldehyde	7.192	77	13986	8.54	ng	90
10) Phenol	7.233	94	14878	5.39	ng	# 55
11) bis(2-Chloroethyl)ether	7.468	93	12549	5.78	ng	95
12) 1,3-Dichlorobenzene	7.944	146	15226	5.56	ng	# 80
13) 1,4-Dichlorobenzene	8.091	146	14714m	5.32	ng	
14) 1,2-Dichlorobenzene	8.414	146	14732	5.62	ng	# 86
15) Benzyl Alcohol	8.291	79	11797	5.18	ng	# 77
16) 2,2'-oxybis(1-Chloropr...	8.579	45	17305	5.04	ng	99
17) 2-Methylphenol	8.491	107	10614	5.60	ng	# 90
18) Hexachloroethane	9.143	117	6106	5.90	ng	93
19) n-Nitroso-di-n-propyla...	8.855	70	11723	5.89	ng	94
20) 3+4-Methylphenols	8.814	107	12697	4.96	ng	85
22) Acetophenone	8.879	105	20765	5.85	ng	# 89
24) Nitrobenzene	9.255	77	17333	6.06	ng	# 84
25) Isophorone	9.783	82	30228	6.14	ng	# 87
26) 2-Nitrophenol	9.971	139	6515	5.25	ng	# 83
27) 2,4-Dimethylphenol	10.024	122	11261	6.65	ng	91
28) bis(2-Chloroethoxy)met...	10.265	93	16490	5.42	ng	97
29) 2,4-Dichlorophenol	10.506	162	12408	5.32	ng	97
30) 1,2,4-Trichlorobenzene	10.729	180	16088	5.60	ng	97
31) Naphthalene	10.917	128	42217	6.12	ng	# 92
33) 4-Chloroaniline	11.017	127	15010	5.00	ng	# 93
34) Hexachlorobutadiene	11.199	225	12739	5.91	ng	92
35) Caprolactam	11.763	113	3996	5.14	ng	# 79
36) 4-Chloro-3-methylphenol	12.134	107	12630	5.22	ng	# 83
37) 2-Methylnaphthalene	12.515	142	31592m	5.90	ng	
38) 1-Methylnaphthalene	12.733	142	30320m	5.97	ng	
40) 1,2,4,5-Tetrachloroben...	12.886	216	20662	5.83	ng	99
41) Hexachlorocyclopentadiene	12.862	237	10442	5.39	ng	96
43) 2,4,6-Trichlorophenol	13.121	196	11875m	5.14	ng	
44) 2,4,5-Trichlorophenol	13.197	196	13186	5.62	ng	91

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.520	154	44394	6.05	ng	95
47) 2-Chloronaphthalene	13.567	162	35251	5.83	ng	95
48) 2-Nitroaniline	13.761	65	10244	5.20	ng #	82
49) Acenaphthylene	14.407	152	53234	6.07	ng	98
50) Dimethylphthalate	14.125	163	46418	5.81	ng #	97
51) 2,6-Dinitrotoluene	14.249	165	9221	5.53	ng #	61
52) Acenaphthene	14.748	154	32884	5.74	ng	93
53) 3-Nitroaniline	14.590	138	7760	4.69	ng #	97
54) 2,4-Dinitrophenol	14.789	184	3560	3.24	ng #	80
55) Dibenzofuran	15.083	168	55369	6.02	ng	98
56) 4-Nitrophenol	14.889	139	5397	4.17	ng #	77
57) 2,4-Dinitrotoluene	15.042	165	12471	5.21	ng #	92
58) Fluorene	15.729	166	45672	6.15	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.306	232	12570	5.04	ng #	93
60) Diethylphthalate	15.494	149	47098	5.91	ng	94
61) 4-Chlorophenyl-phenyle...	15.724	204	26187	5.91	ng	96
62) 4-Nitroaniline	15.741	138	8332m	4.69	ng	
63) Azobenzene	16.011	77	43424	6.14	ng	88
65) 4,6-Dinitro-2-methylph...	15.800	198	8067	5.23	ng	94
66) n-Nitrosodiphenylamine	15.935	169	42312	5.88	ng	97
67) 4-Bromophenyl-phenylether	16.617	248	17663	5.36	ng	98
68) Hexachlorobenzene	16.734	284	19328	5.56	ng #	92
69) Atrazine	16.875	200	16524	5.58	ng	98
70) Pentachlorophenol	17.081	266	7217	3.56	ng	97
71) Phenanthrene	17.474	178	77452	5.79	ng	96
72) Anthracene	17.563	178	79707	6.08	ng	94
73) Carbazole	17.833	167	68108	5.84	ng	97
74) Di-n-butylphthalate	18.385	149	85528	5.93	ng #	97
75) Fluoranthene	19.478	202	108398	6.30	ng	92
77) Benzidine	19.654	184	42007	6.09	ng #	93
78) Pyrene	19.842	202	110917	5.76	ng	96
80) Butylbenzylphthalate	20.718	149	38074	5.16	ng	95
81) Benzo(a)anthracene	21.675	228	113778	5.75	ng	98
82) 3,3'-Dichlorobenzidine	21.593	252	42032	5.86	ng #	92
83) Chrysene	21.740	228	114949	6.10	ng	96
84) Bis(2-ethylhexyl)phtha...	21.575	149	57365	5.52	ng	91
85) Di-n-octyl phthalate	22.792	149	95021	5.44	ng #	96
87) Indeno(1,2,3-cd)pyrene	28.608	276	123571	5.48	ng #	53
88) Benzo(b)fluoranthene	23.902	252	112113	5.55	ng #	92
89) Benzo(k)fluoranthene	23.961	252	110012	5.61	ng #	96
90) Benzo(a)pyrene	24.772	252	99904	5.30	ng #	98
91) Dibenzo(a,h)anthracene	28.661	278	98822	5.39	ng #	95
92) Benzo(g,h,i)perylene	29.754	276	99457	5.46	ng	93

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

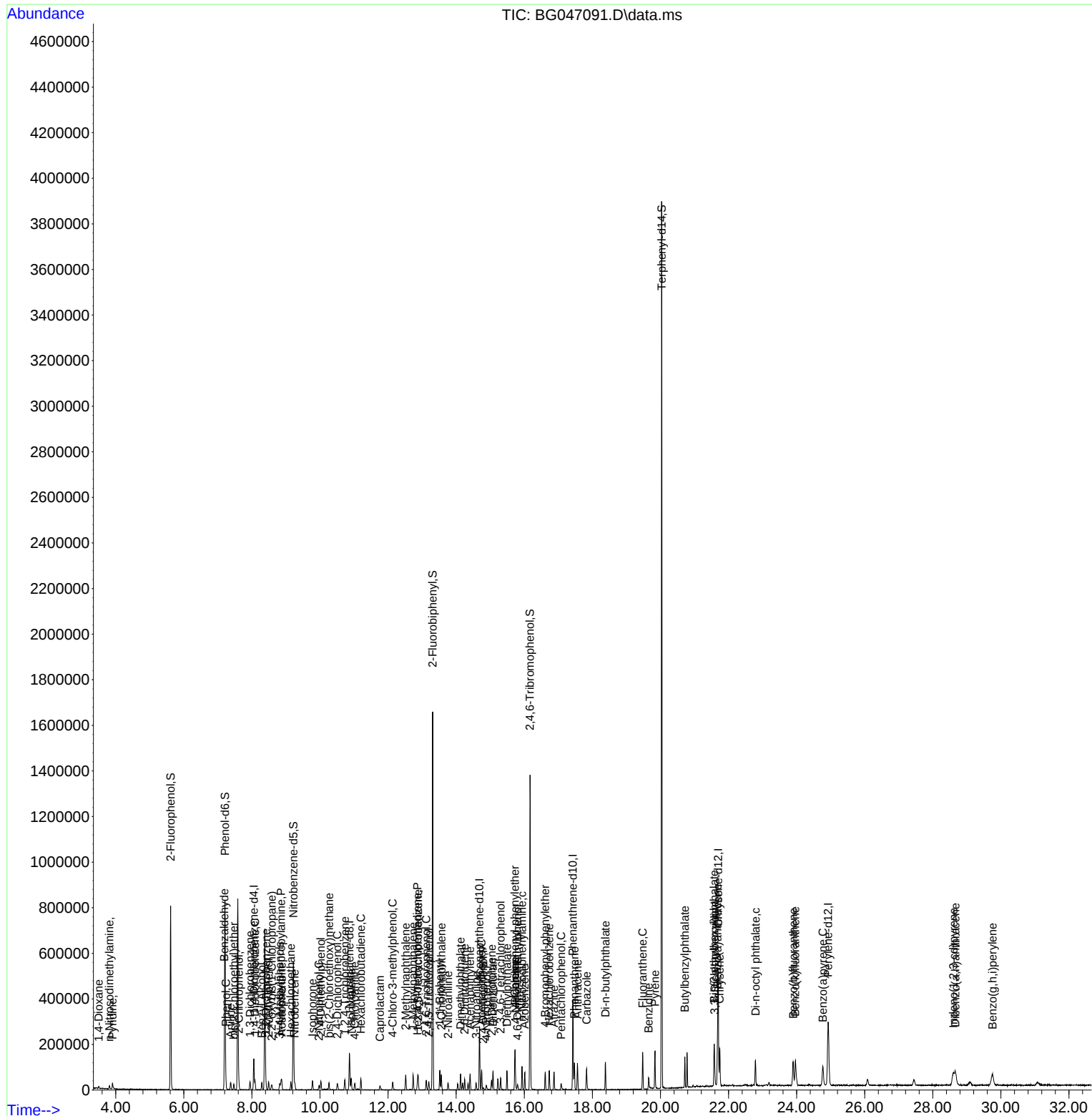
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
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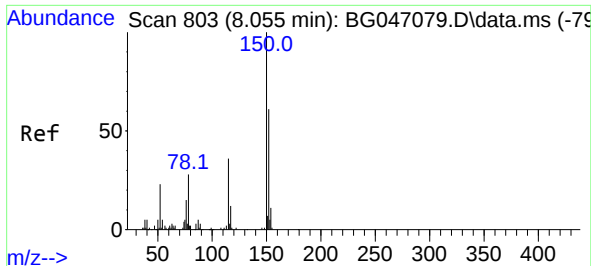
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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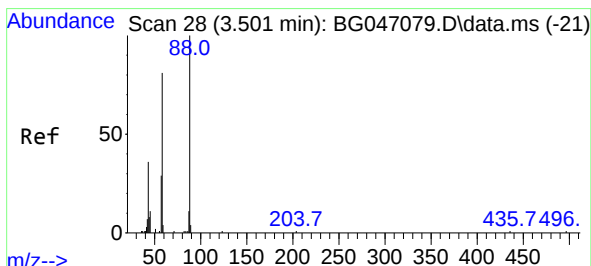
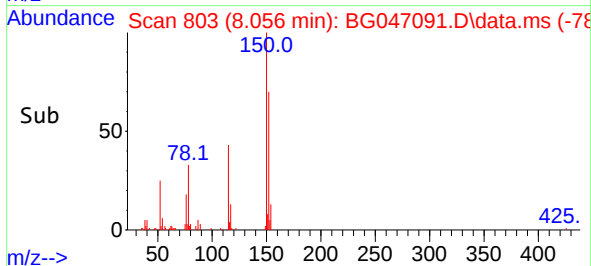
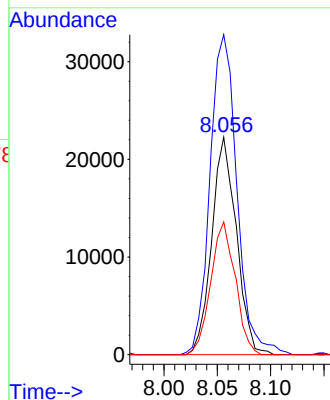
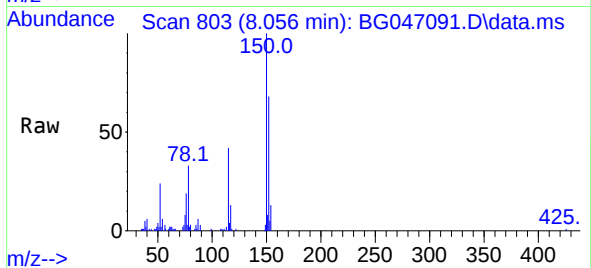
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.1	125.0	187.6
115	61.1	41.8	62.6

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

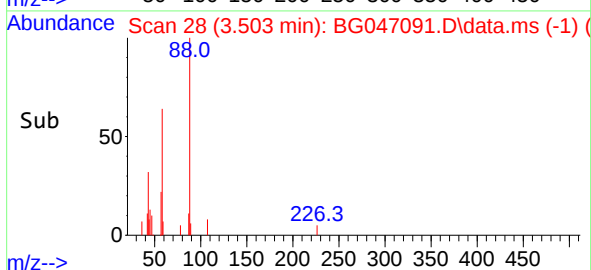
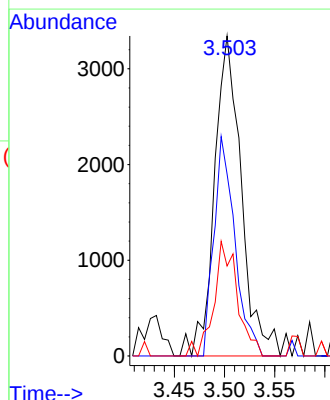
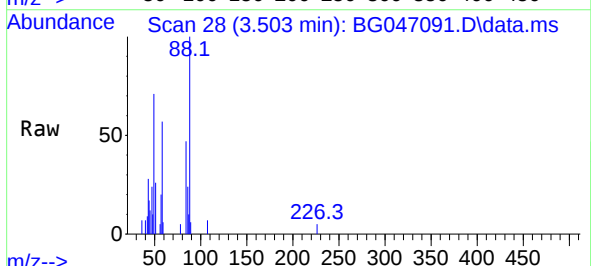
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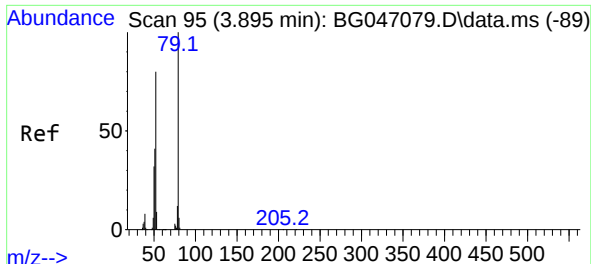
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#2
1,4-Dioxane
Concen: 6.83 ng
RT: 3.503 min Scan# 28
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.5	61.6	92.4
43	31.4	21.3	31.9





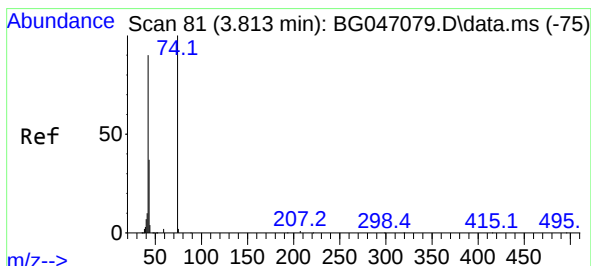
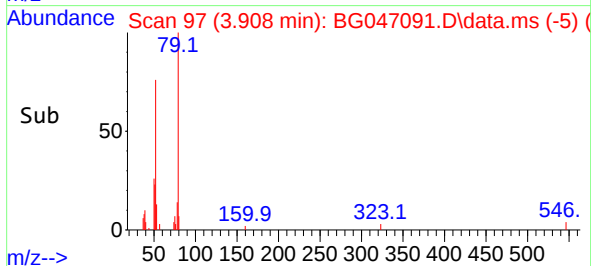
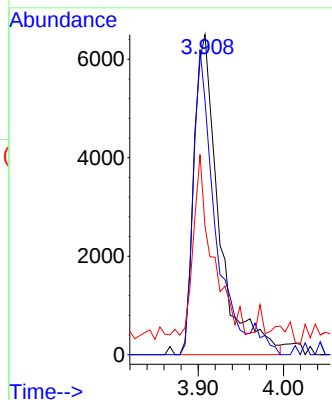
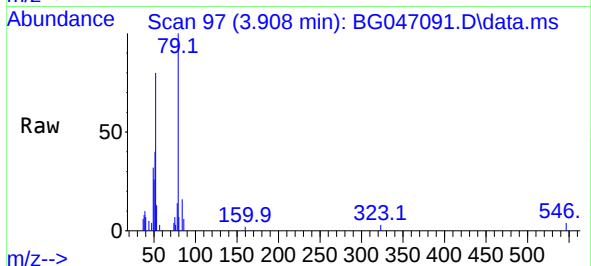
#3
Pyridine
Concen: 5.35 ng
RT: 3.908 min Scan# 97
Delta R.T. 0.013 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 79	Resp: 13263
Ion Ratio	Lower Upper
79 100	
52 79.5	61.3 91.9
51 40.1	28.4 42.6

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

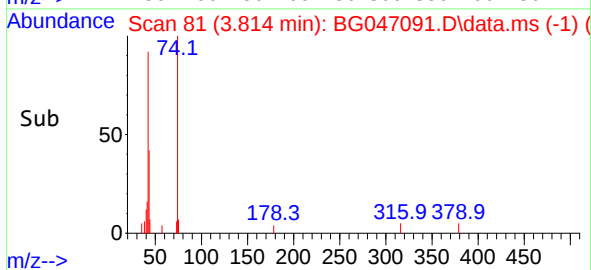
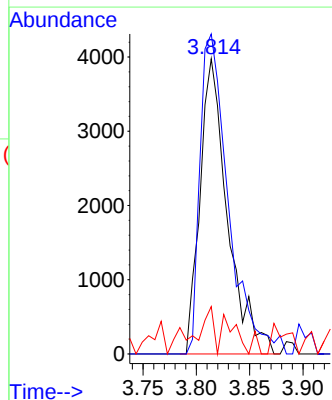
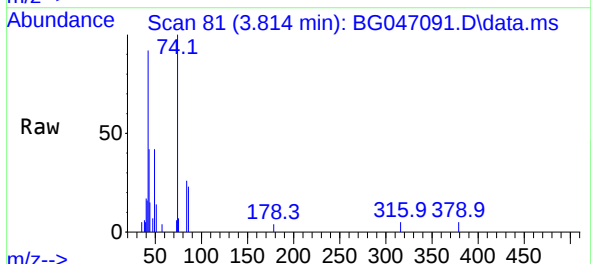
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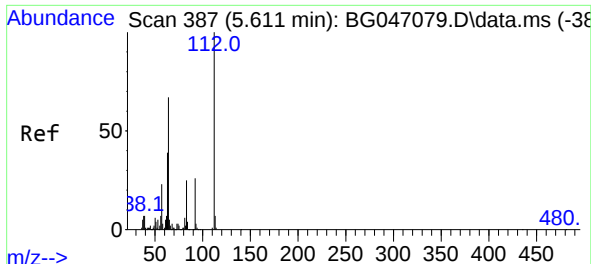
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#4
n-Nitrosodimethylamine
Concen: 5.45 ng
RT: 3.814 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

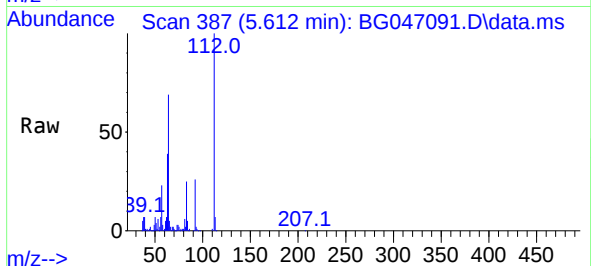
Tgt Ion: 42	Resp: 7157		
Ion Ratio	Lower	Upper	
42	100		
74	108.4	120.4	180.6#
44	16.1	6.2	9.2#





#5
2-Fluorophenol
Concen: 162.36 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

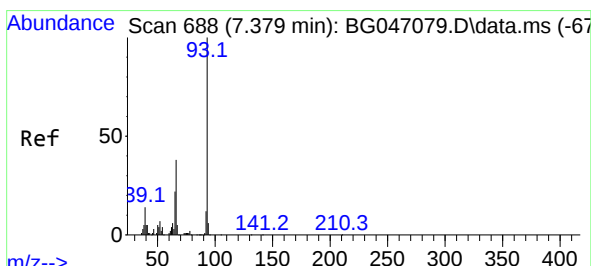
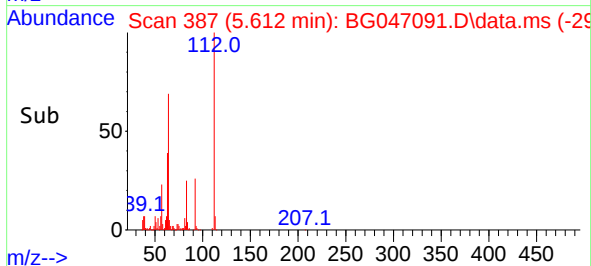
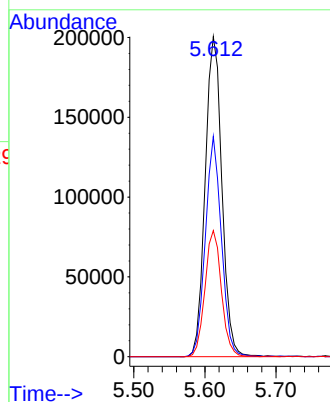
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:112 Resp: 328015
Ion Ratio Lower Upper
112 100
64 68.8 46.7 70.1
63 39.4 22.8 34.2#

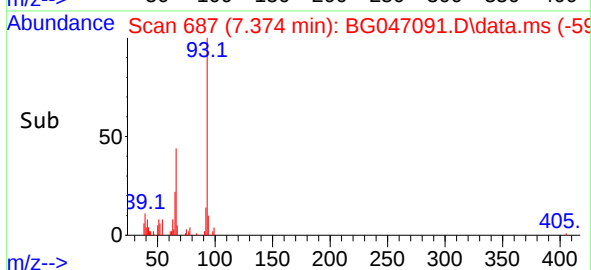
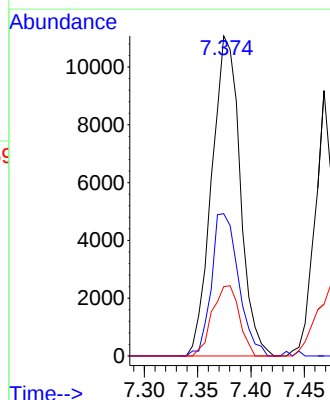
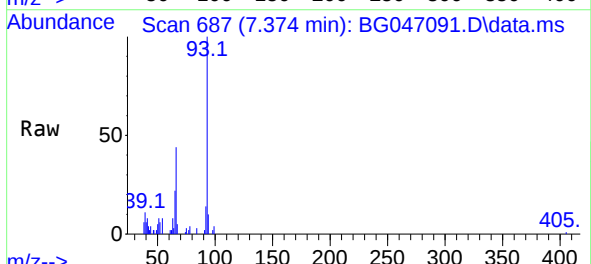
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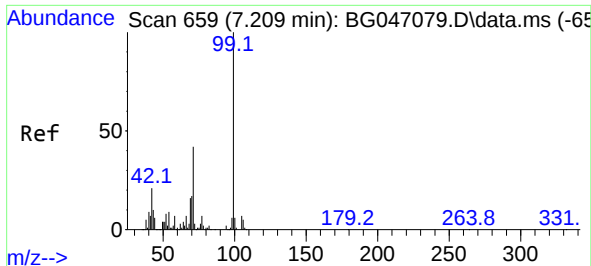
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#6
Aniline
Concen: 5.92 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 93 Resp: 20430
Ion Ratio Lower Upper
93 100
66 44.5 29.5 44.3#
65 21.7 15.5 23.3





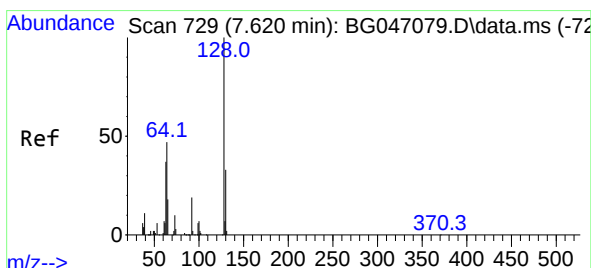
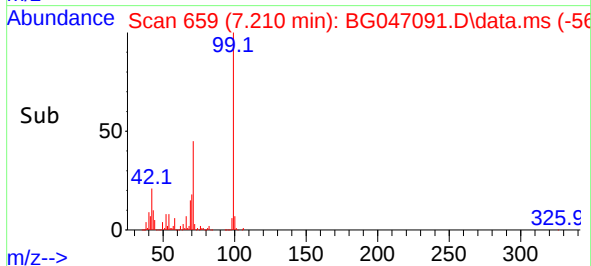
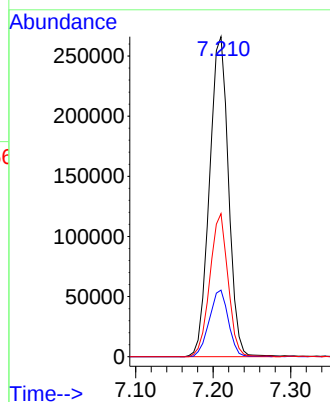
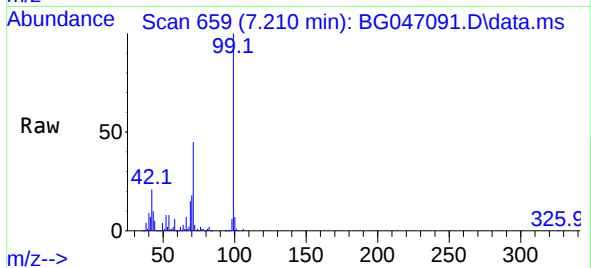
#7
Phenol-d6
Concen: 154.98 ng
RT: 7.210 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 99 Resp: 452790
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 44.7 24.6 36.8#

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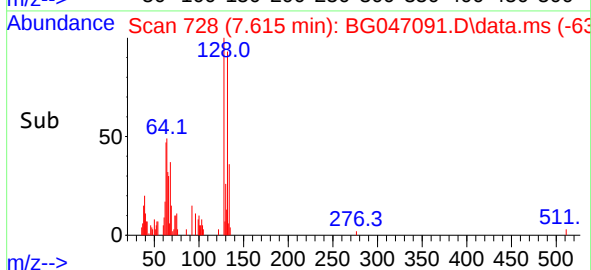
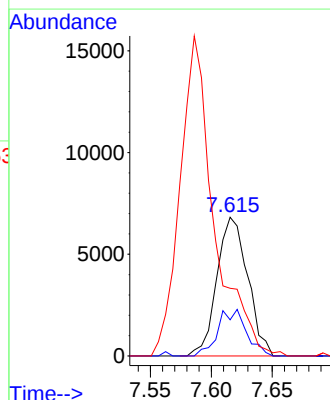
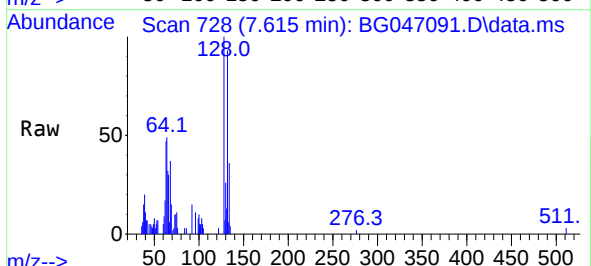
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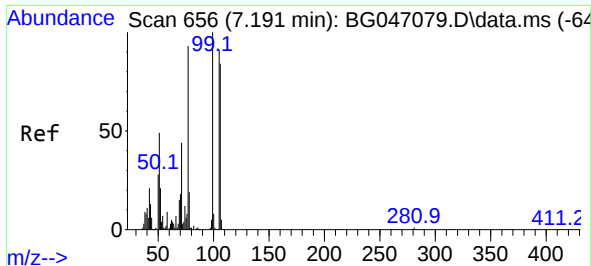
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#8
2-Chlorophenol
Concen: 5.59 ng
RT: 7.615 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

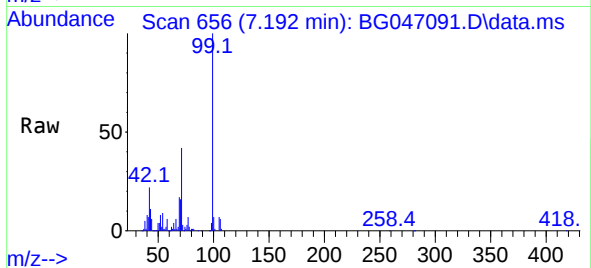
Tgt Ion: 128 Resp: 12006
Ion Ratio Lower Upper
128 100
130 26.0 12.6 52.6
64 48.8 24.8 64.8





#9
Benzaldehyde
Concen: 8.54 ng
RT: 7.192 min Scan# 656
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

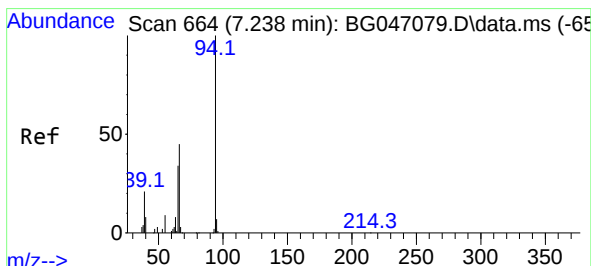
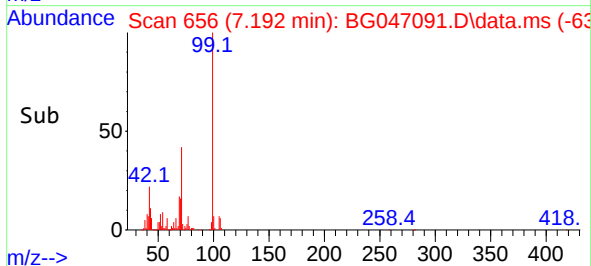
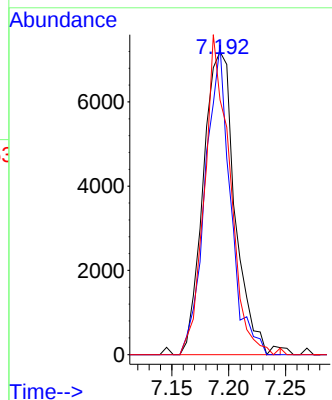
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Tgt Ion: 77 Resp: 13986
Ion Ratio Lower Upper
77 100
105 102.3 85.9 125.9
106 84.1 80.9 120.9

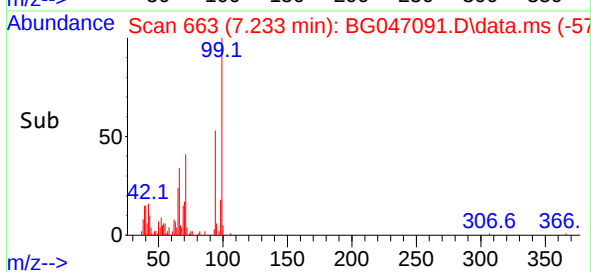
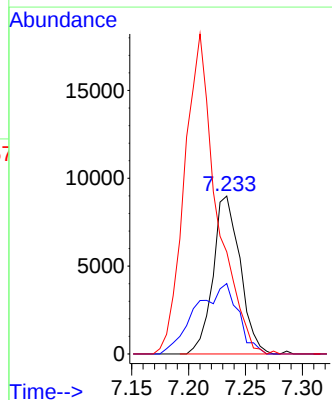
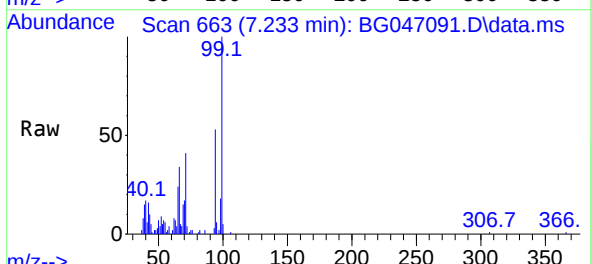
Manual Integrations
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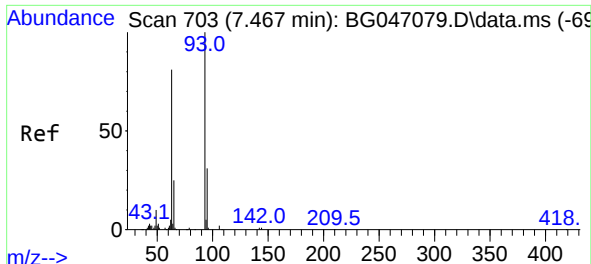
mohammad
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#10
Phenol
Concen: 5.39 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

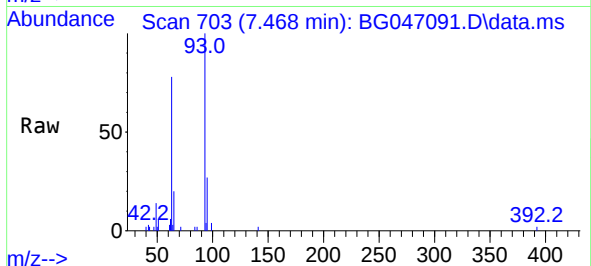
Tgt Ion: 94 Resp: 14878
Ion Ratio Lower Upper
94 100
65 44.6 6.6 46.6
66 64.6 13.9 53.9#





#11
bis(2-Chloroethyl)ether
Concen: 5.78 ng
RT: 7.468 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

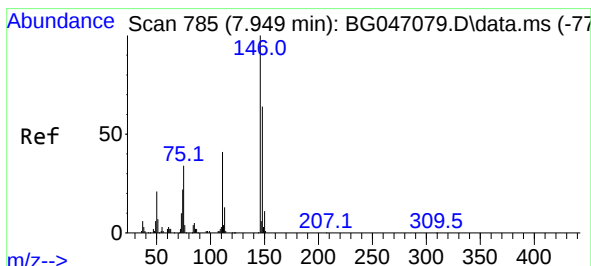
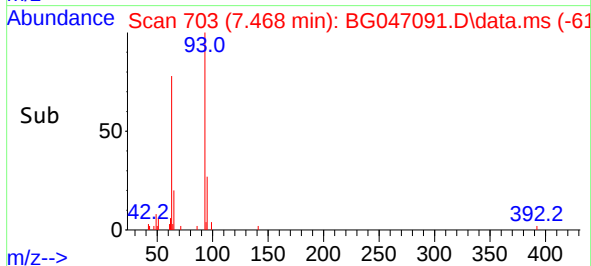
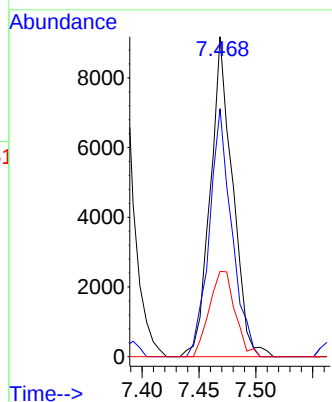
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



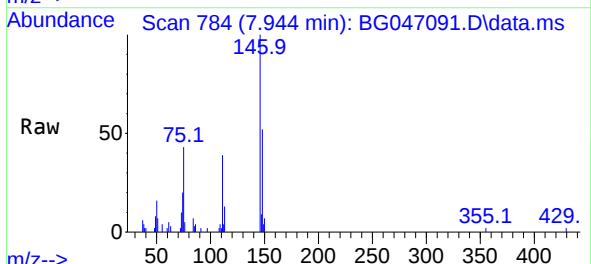
Tgt Ion: 93 Resp: 12549
Ion Ratio Lower Upper
93 100
63 77.5 56.4 96.4
95 26.6 13.8 53.8

Manual Integrations
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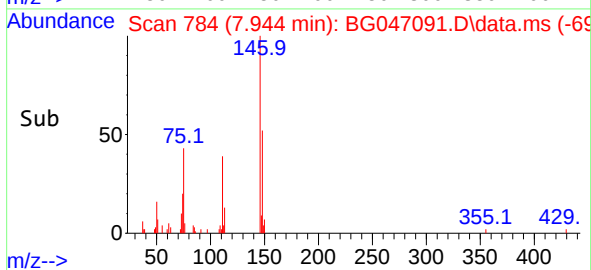
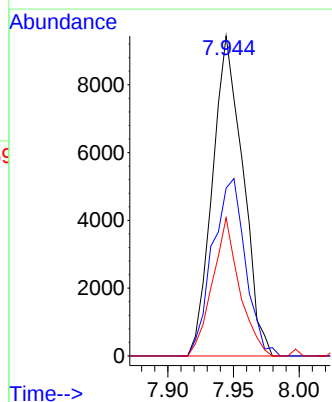
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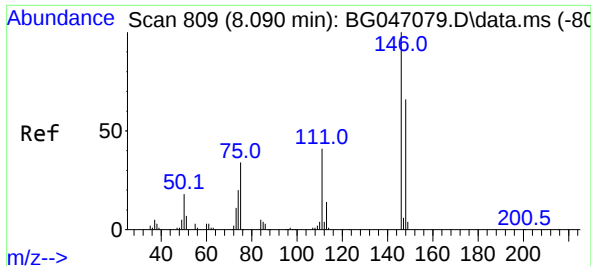


#12
1,3-Dichlorobenzene
Concen: 5.56 ng
RT: 7.944 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion: 146 Resp: 15226
Ion Ratio Lower Upper
146 100
148 52.4 50.1 75.1
75 43.2 20.1 30.1#





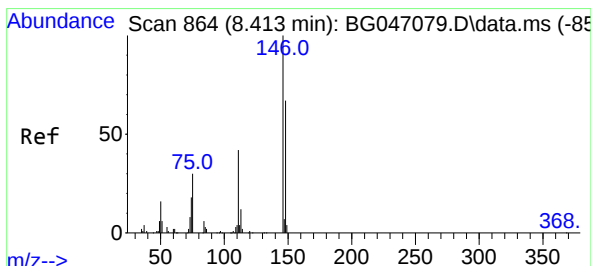
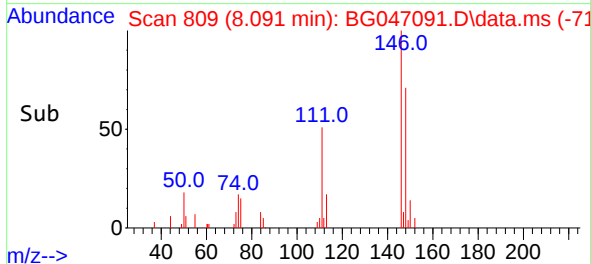
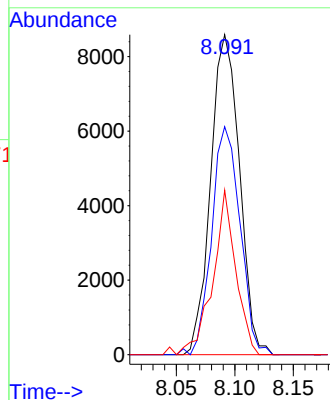
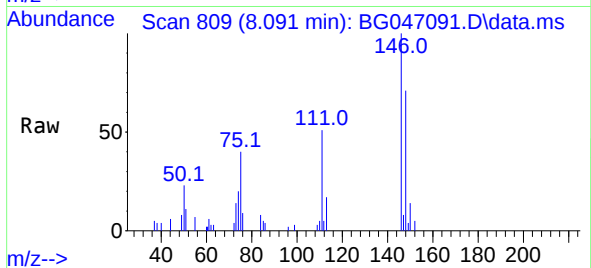
#13
1,4-Dichlorobenzene
Concen: 5.32 ng m
RT: 8.091 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:146 Resp: 14714
Ion Ratio Lower Upper
146 100
148 71.3 51.1 76.7
111 51.4 29.7 44.5#

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

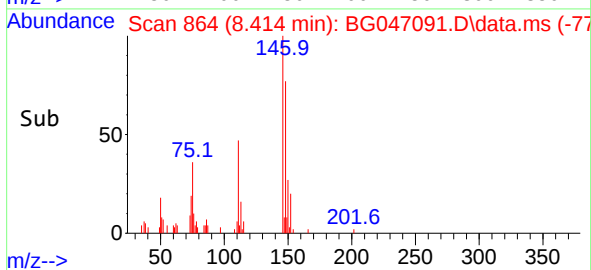
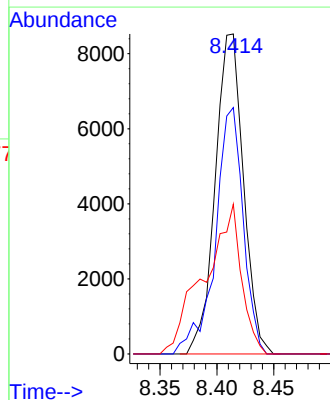
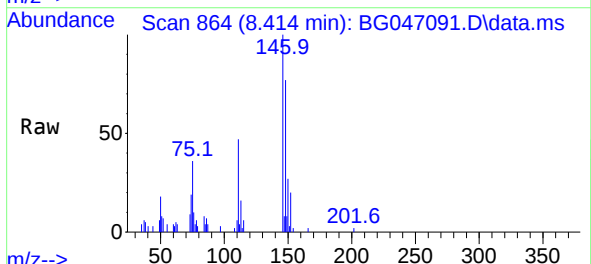
Manual Integrations
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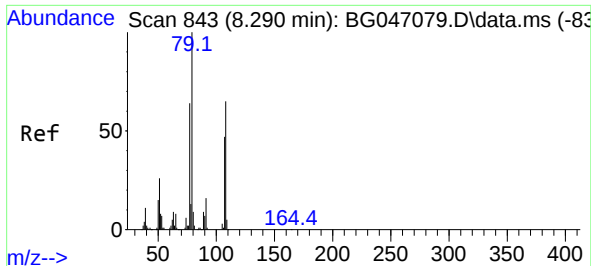
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#14
1,2-Dichlorobenzene
Concen: 5.62 ng
RT: 8.414 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:146 Resp: 14732
Ion Ratio Lower Upper
146 100
148 77.0 53.0 79.6
111 46.8 30.7 46.1#





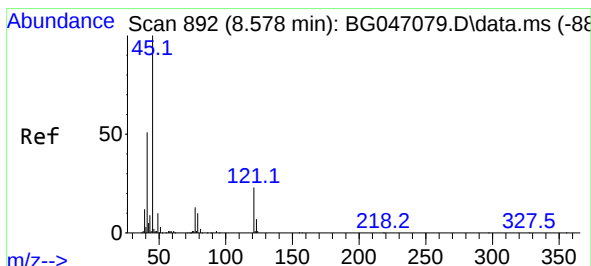
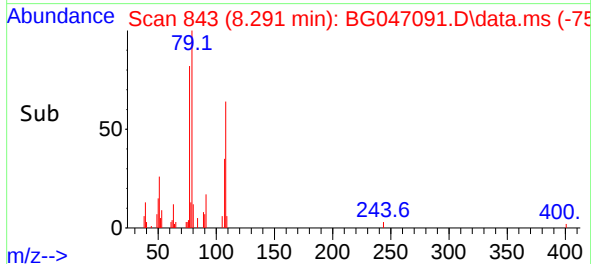
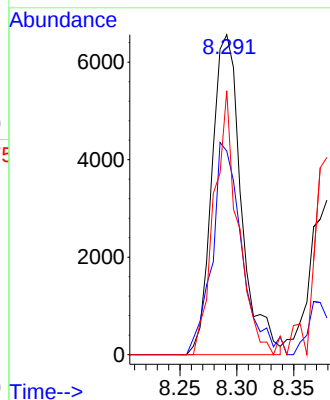
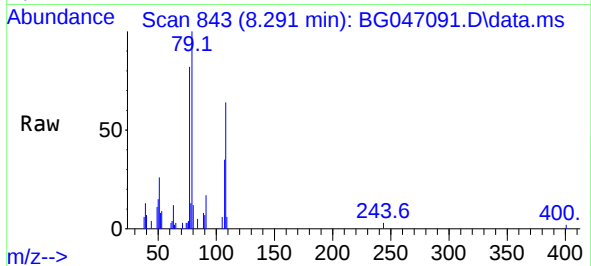
#15
Benzyl Alcohol
Concen: 5.18 ng
RT: 8.291 min Scan# 843
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 79 Resp: 11797
Ion Ratio Lower Upper
79 100
108 63.7 65.5 98.3#
77 82.4 50.1 75.1#

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

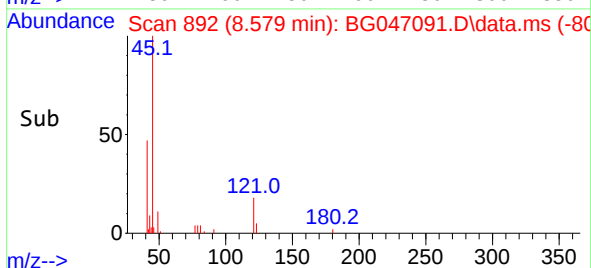
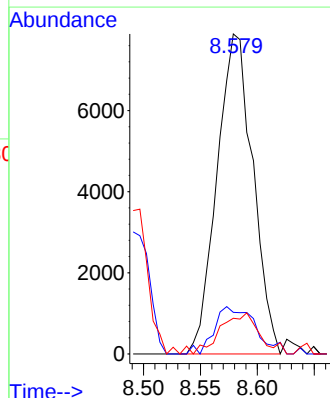
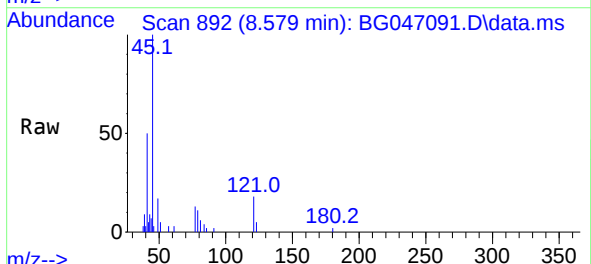
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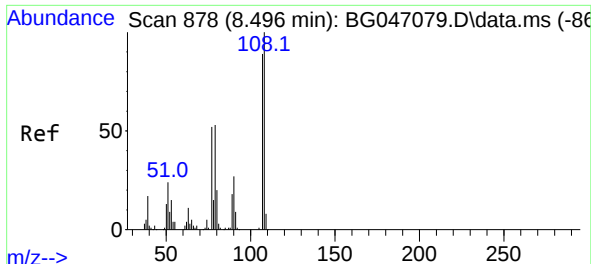
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.04 ng
RT: 8.579 min Scan# 892
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 45 Resp: 17305
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.4
79 11.2 0.0 30.8





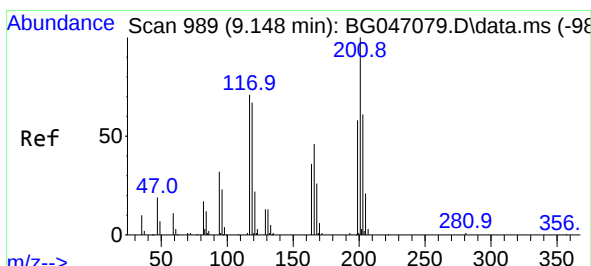
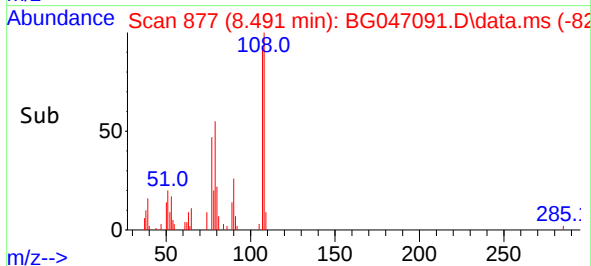
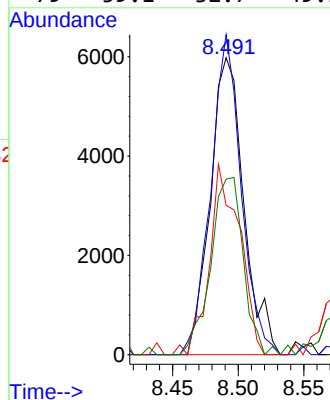
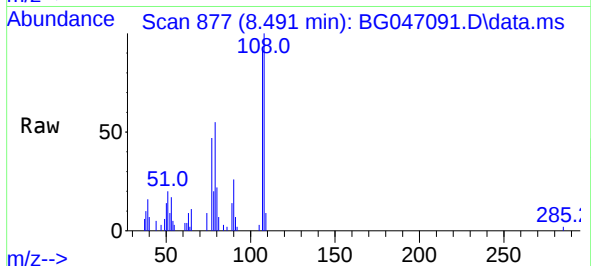
#17
2-Methylphenol
Concen: 5.60 ng
RT: 8.491 min Scan# 877
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	107	Resp:	10614
Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.2	130.8
77	50.3	33.8	50.8
79	59.1	32.7	49.1#

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

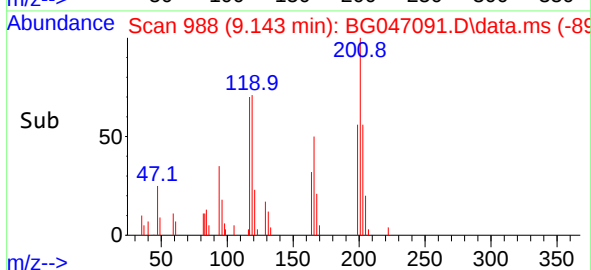
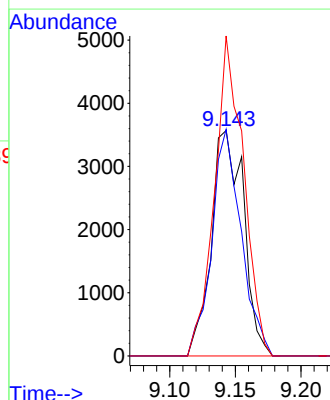
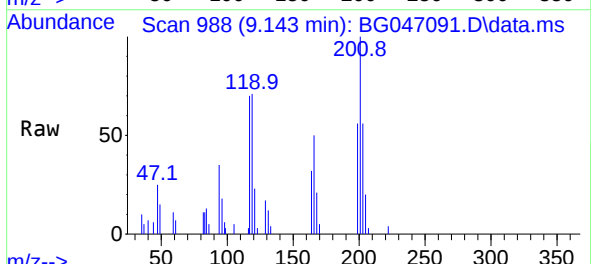
Manual Integrations
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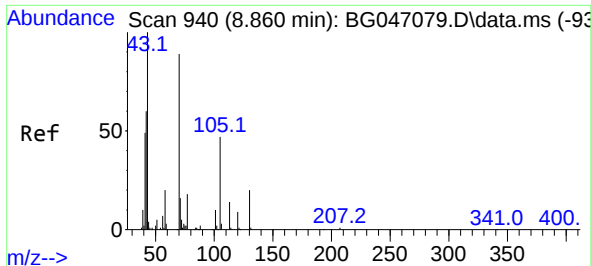
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#18
Hexachloroethane
Concen: 5.90 ng
RT: 9.143 min Scan# 988
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	117	Resp:	6106
Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.5	116.3
201	142.0	104.9	157.3





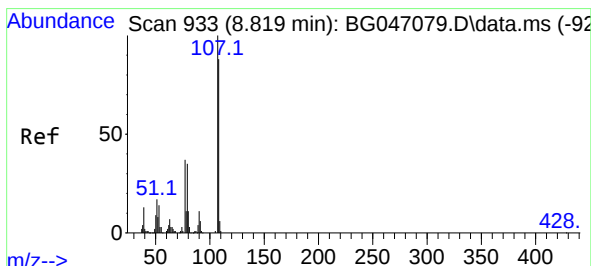
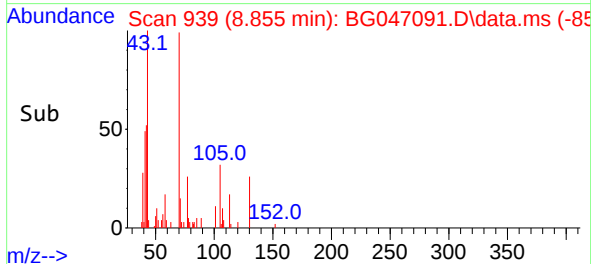
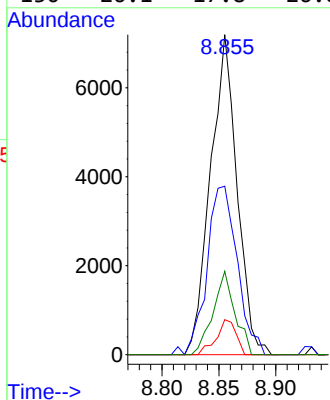
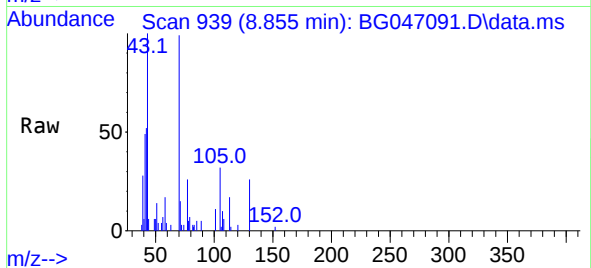
#19
n-Nitroso-di-n-propylamine
Concen: 5.89 ng
RT: 8.855 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	70	Resp:	11723
Ion	Ratio	Lower	Upper
70	100		
42	52.6	45.6	68.4
101	10.9	8.4	12.6
130	26.1	17.8	26.8

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

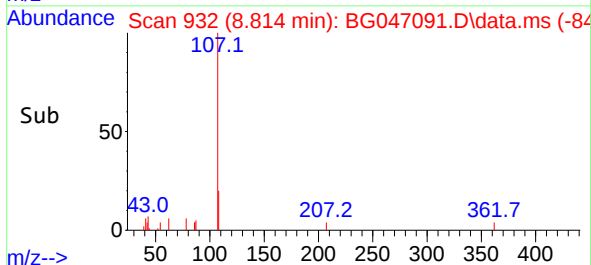
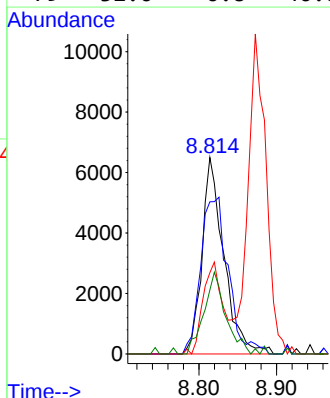
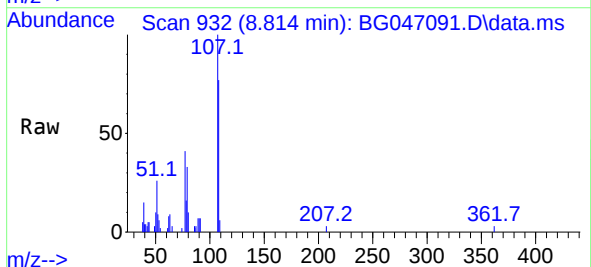
Manual Integrations
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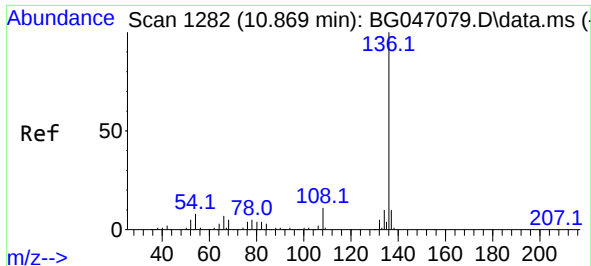
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#20
3+4-Methylphenols
Concen: 4.96 ng
RT: 8.814 min Scan# 932
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

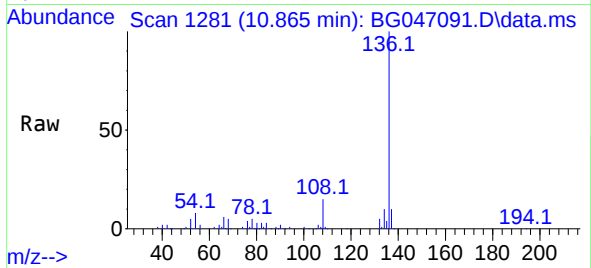
Tgt Ion:	107	Resp:	12697
Ion	Ratio	Lower	Upper
107	100		
108	77.4	70.6	110.6
77	41.4	10.2	50.2
79	32.6	6.8	46.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.865 min Scan# 1281
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

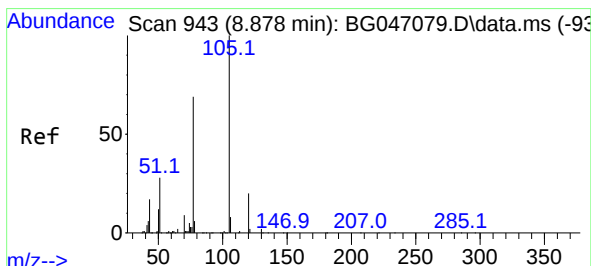
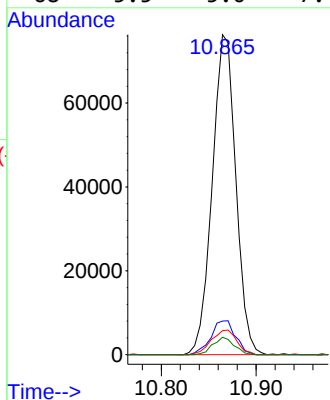
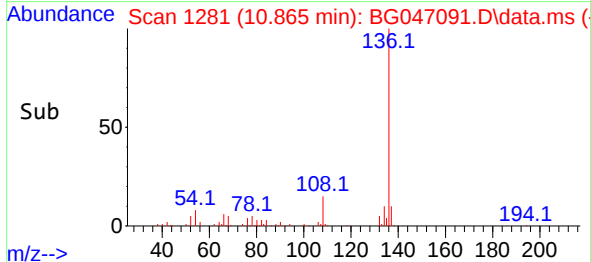
Instrument :
BNA_G
ClientSampleId :
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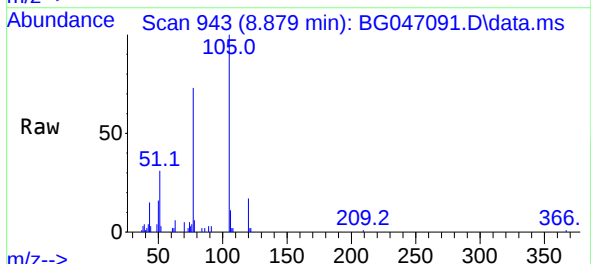
Tgt Ion:	136	Resp:	131861
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	7.5	6.2	9.4
68	5.5	5.0	7.4

Manual Integrations
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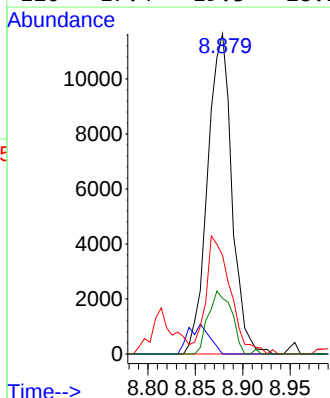
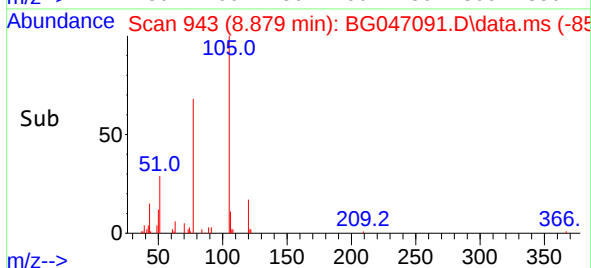
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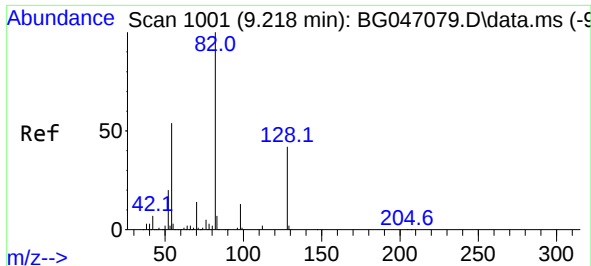


#22
Acetophenone
Concen: 5.85 ng
RT: 8.879 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion:	105	Resp:	20765
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.7	4.1#
51	30.8	21.0	31.6
120	17.4	19.3	28.9#





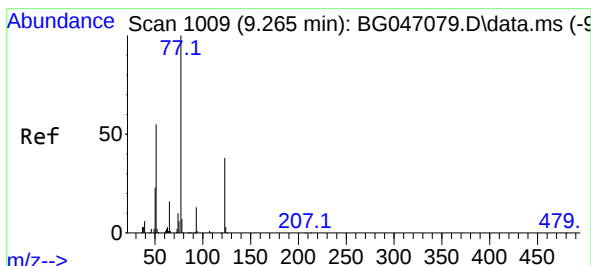
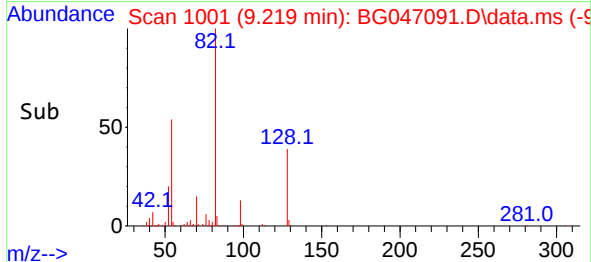
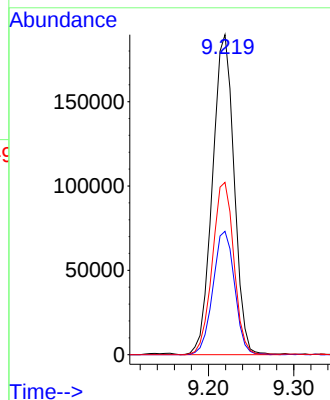
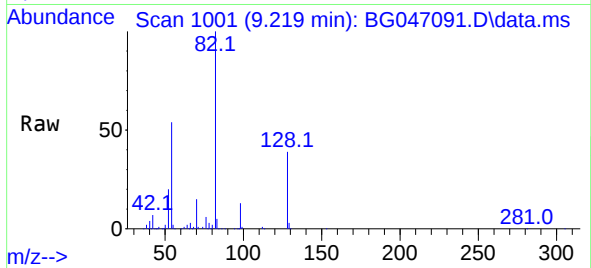
#23
Nitrobenzene-d5
Concen: 121.59 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 82 Resp: 334806
Ion Ratio Lower Upper
82 100
128 38.5 37.0 55.6
54 53.8 39.0 58.4

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

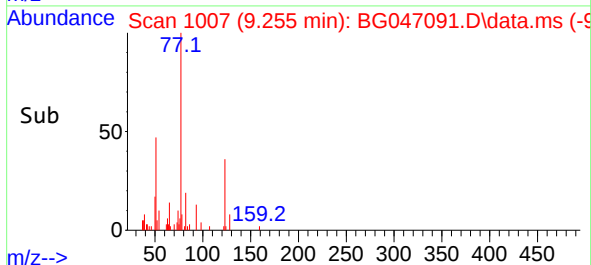
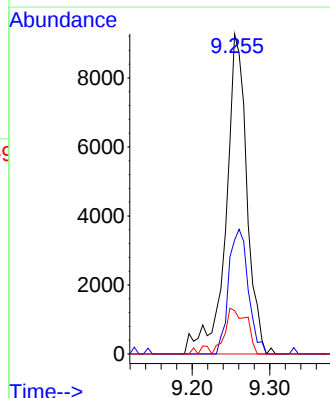
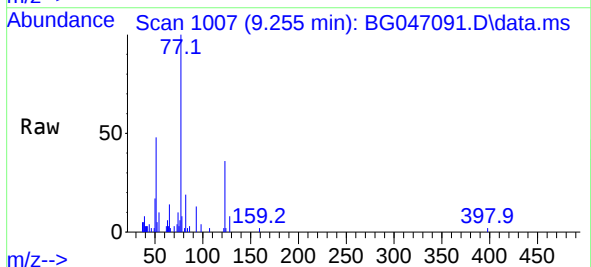
Manual Integrations
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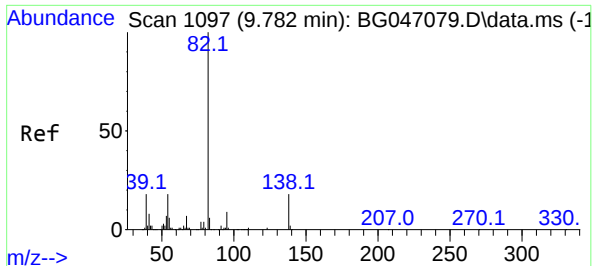
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#24
Nitrobenzene
Concen: 6.06 ng
RT: 9.255 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 77 Resp: 17333
Ion Ratio Lower Upper
77 100
123 35.6 39.7 59.5#
65 13.5 10.4 15.6





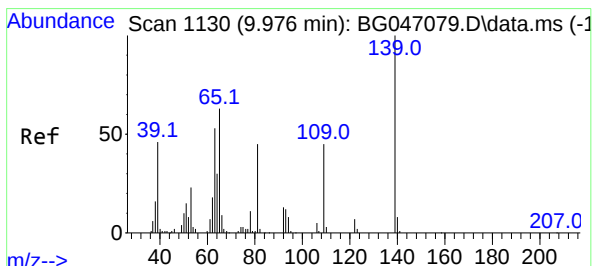
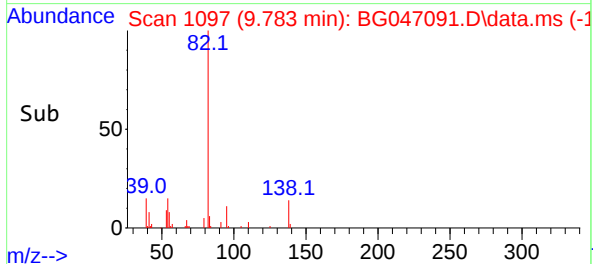
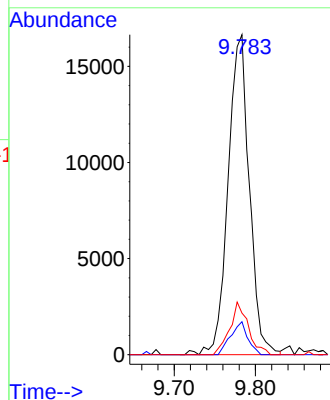
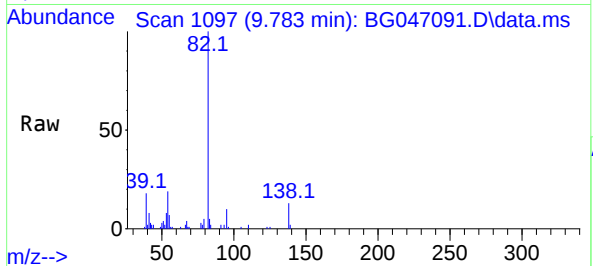
#25
Isophorone
Concen: 6.14 ng
RT: 9.783 min Scan# 1097
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 82 Resp: 30228
Ion Ratio Lower Upper
82 100
95 10.3 5.6 8.4#
138 13.0 15.8 23.6#

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

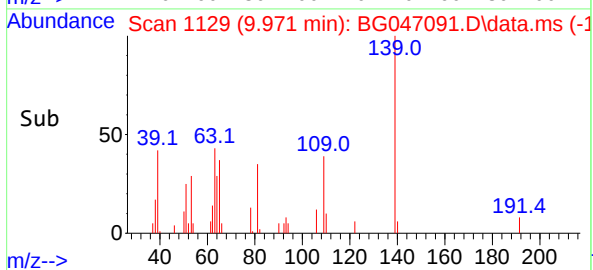
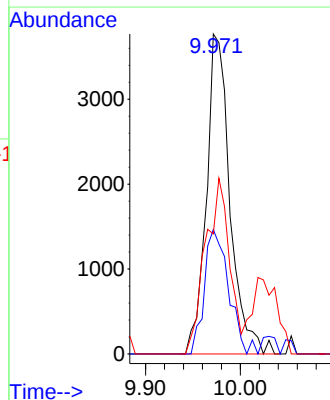
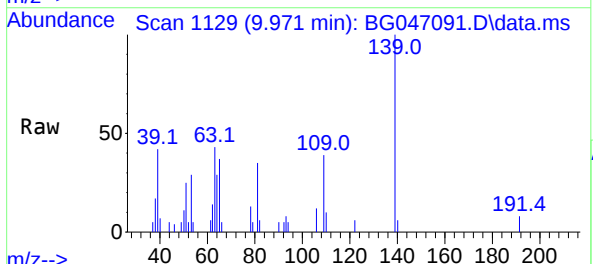
Manual Integrations
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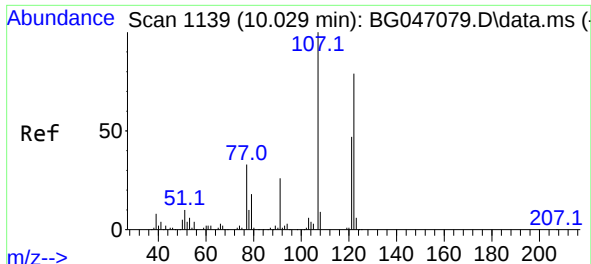
mohammad
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#26
2-Nitrophenol
Concen: 5.25 ng
RT: 9.971 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

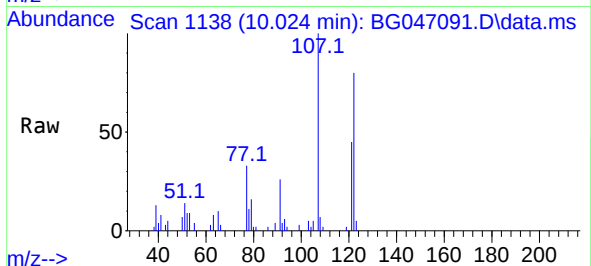
Tgt Ion: 139 Resp: 6515
Ion Ratio Lower Upper
139 100
109 38.9 20.7 31.1#
65 37.5 36.1 54.1





#27
2,4-Dimethylphenol
Concen: 6.65 ng
RT: 10.024 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

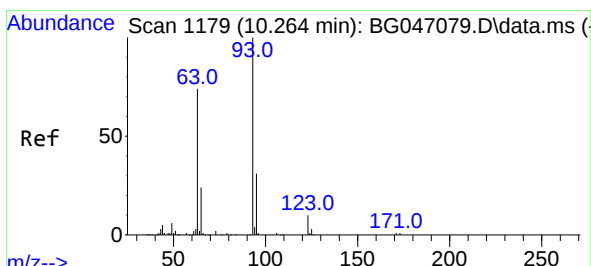
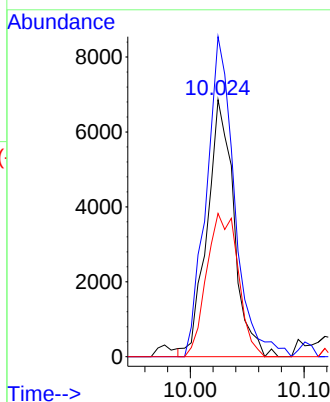
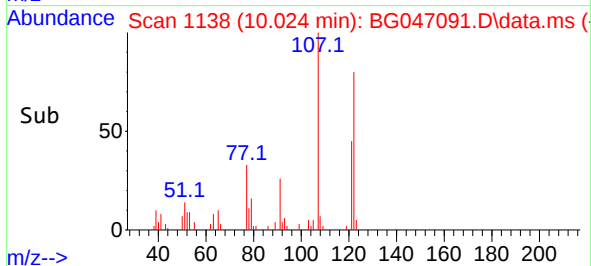
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



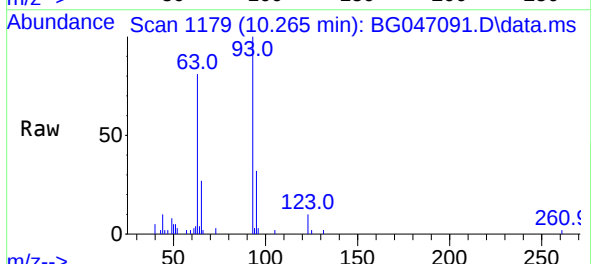
Tgt Ion:122 Resp: 11261
Ion Ratio Lower Upper
122 100
107 124.6 89.2 133.8
121 55.7 46.9 70.3

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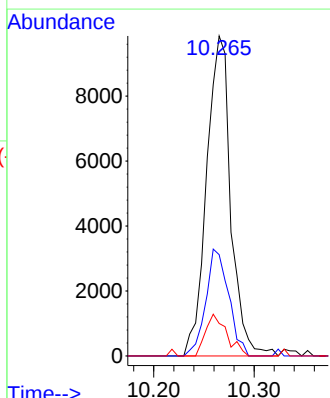
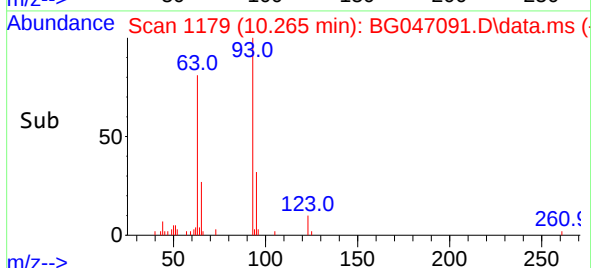
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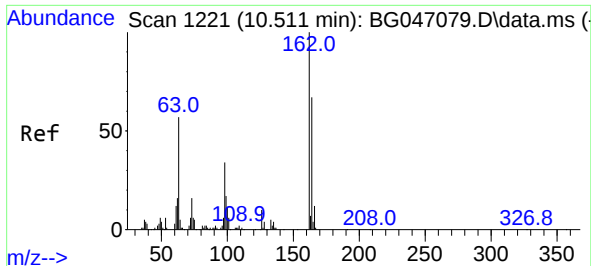


#28
bis(2-Chloroethoxy)methane
Concen: 5.42 ng
RT: 10.265 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion: 93 Resp: 16490
Ion Ratio Lower Upper
93 100
95 31.6 26.5 39.7
123 10.2 9.4 14.0





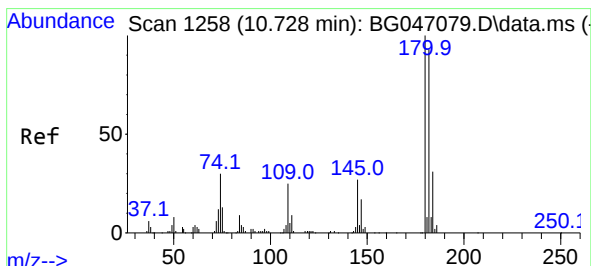
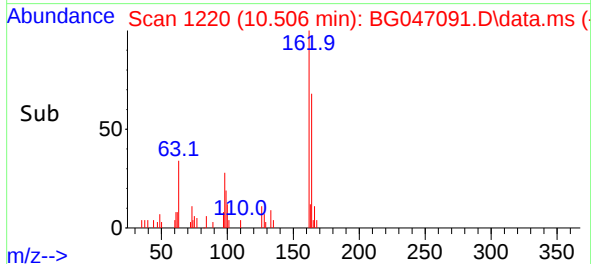
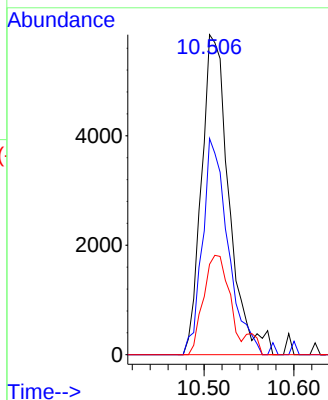
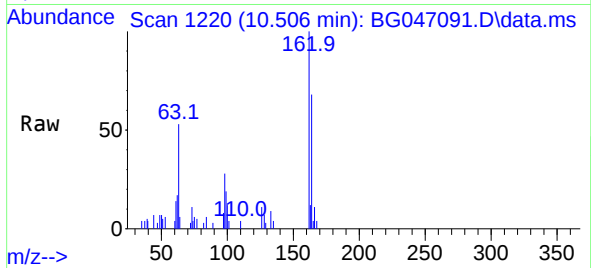
#29
2,4-Dichlorophenol
Concen: 5.32 ng
RT: 10.506 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:162 Resp: 12408
Ion Ratio Lower Upper
162 100
164 67.6 45.6 85.6
98 28.3 11.0 51.0

Instrument :
BNA_G
ClientSampleId :
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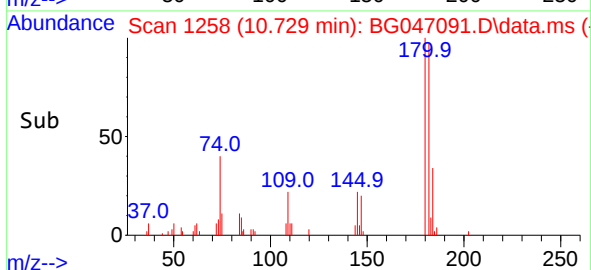
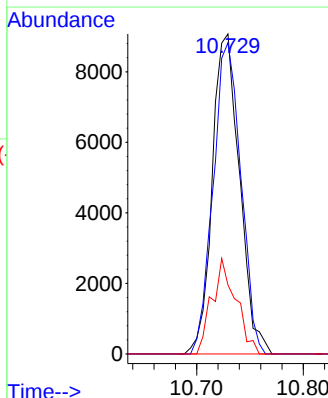
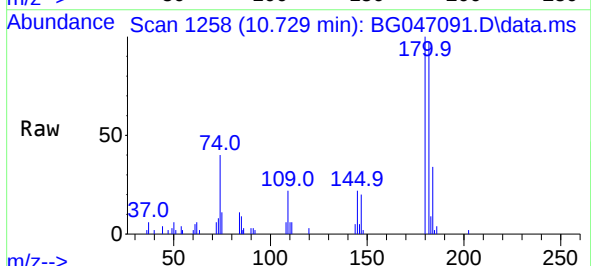
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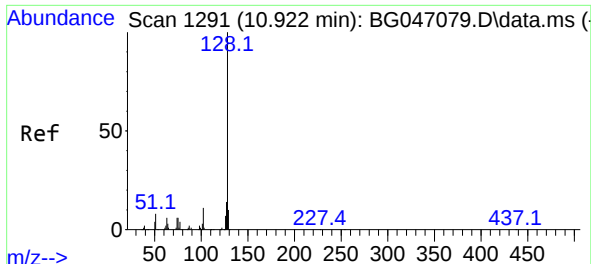
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#30
1,2,4-Trichlorobenzene
Concen: 5.60 ng
RT: 10.729 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:180 Resp: 16088
Ion Ratio Lower Upper
180 100
182 97.2 76.9 115.3
145 21.5 21.4 32.0





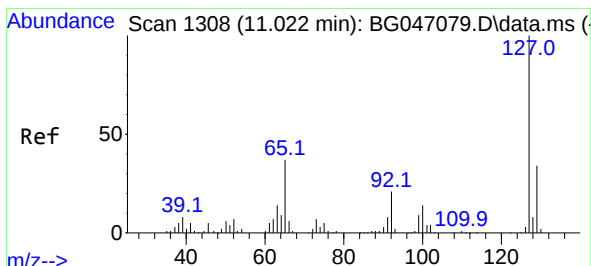
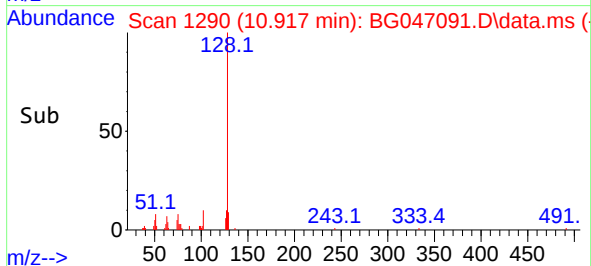
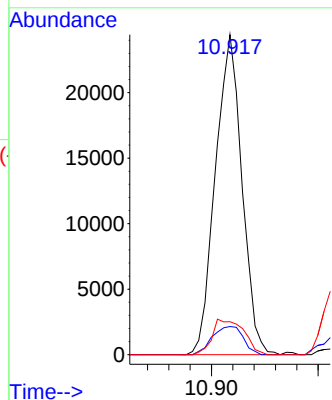
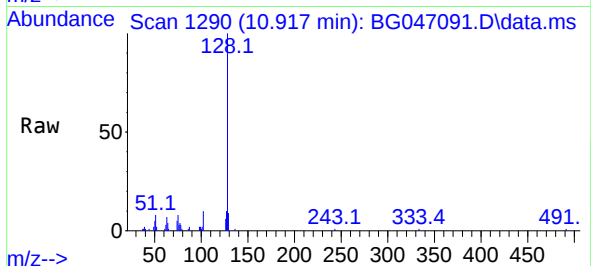
#31
Naphthalene
Concen: 6.12 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:128 Resp: 42217
Ion Ratio Lower Upper
128 100
129 8.8 9.0 13.6#
127 10.3 11.0 16.4#

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

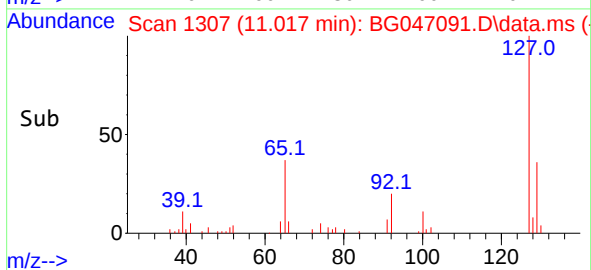
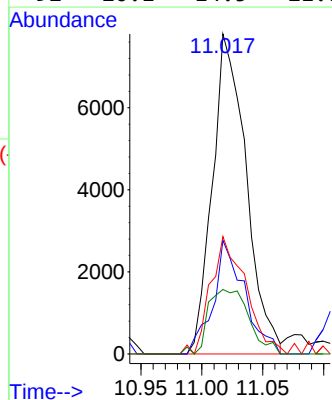
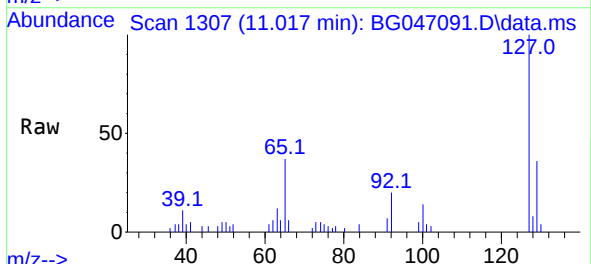
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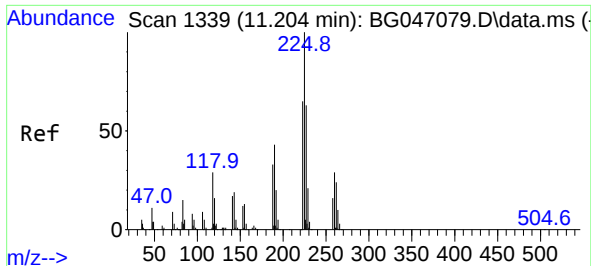
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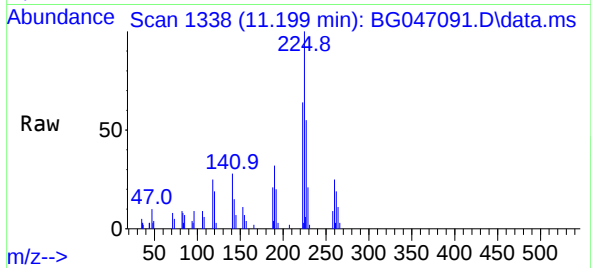
#33
4-Chloroaniline
Concen: 5.00 ng
RT: 11.017 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:127 Resp: 15010
Ion Ratio Lower Upper
127 100
129 35.5 26.8 40.2
65 36.7 23.8 35.6#
92 20.1 14.5 21.7

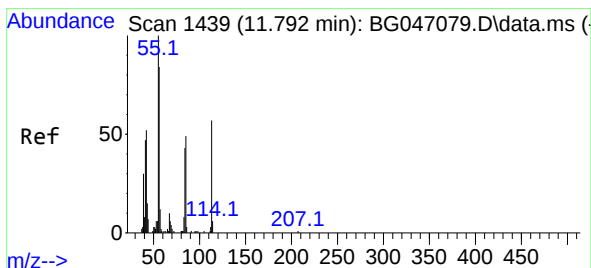
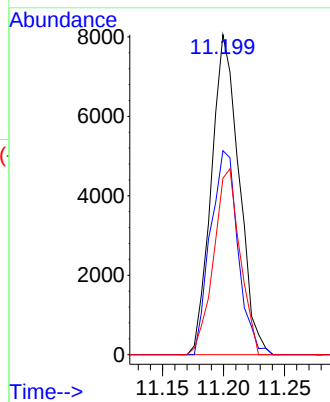
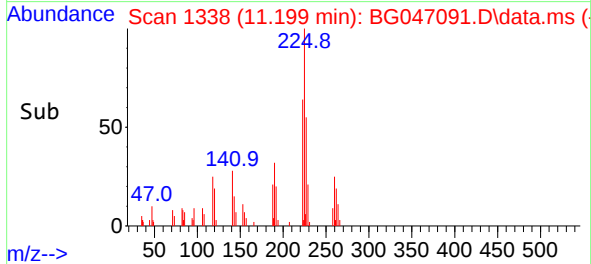




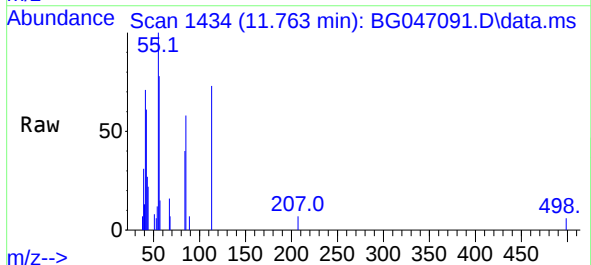
#34
Hexachlorobutadiene
Concen: 5.91 ng
RT: 11.199 min Scan# 1338
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



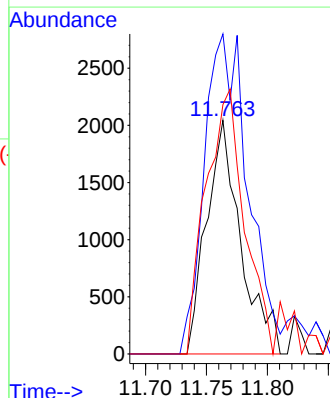
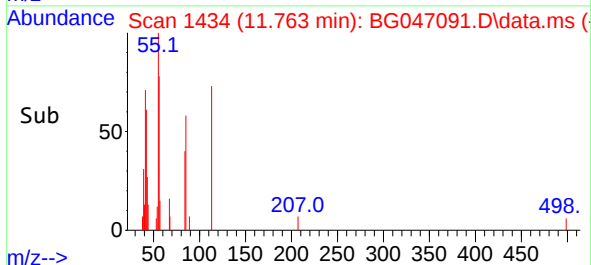
Tgt Ion:225 Resp: 12739
Ion Ratio Lower Upper
225 100
223 63.8 49.5 74.3
227 55.1 52.0 78.0



#35
Caprolactam
Concen: 5.14 ng
RT: 11.763 min Scan# 1434
Delta R.T. -0.028 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



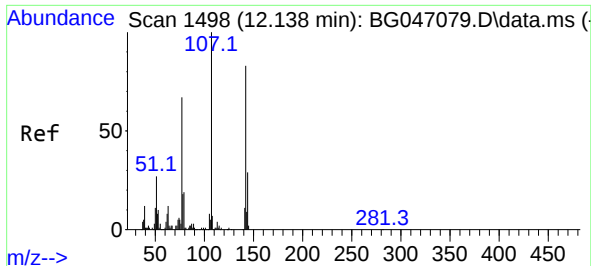
Tgt Ion:113 Resp: 3996
Ion Ratio Lower Upper
113 100
55 137.0 149.2 189.2#
56 106.7 107.2 147.2#



Instrument :
BNA_G
ClientSampleId :
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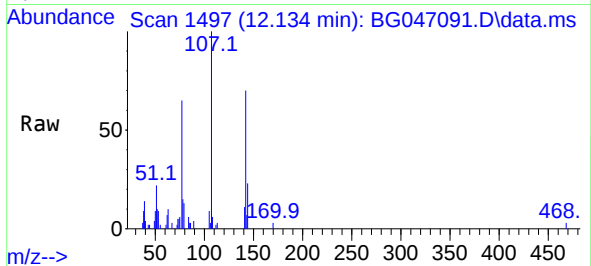
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#36
4-Chloro-3-methylphenol
Concen: 5.22 ng
RT: 12.134 min Scan# 1497
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

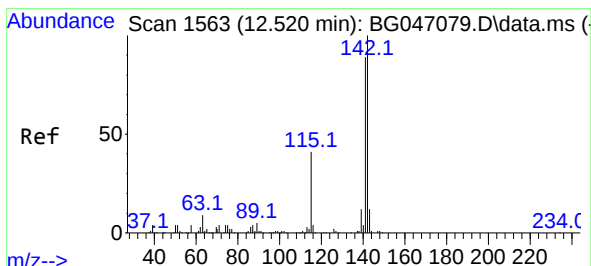
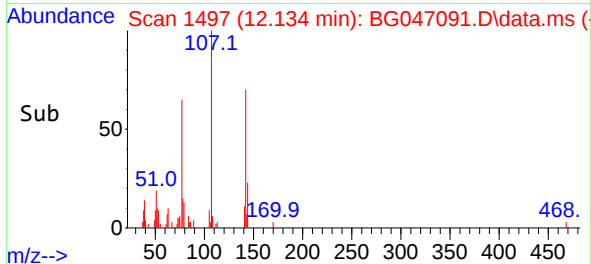
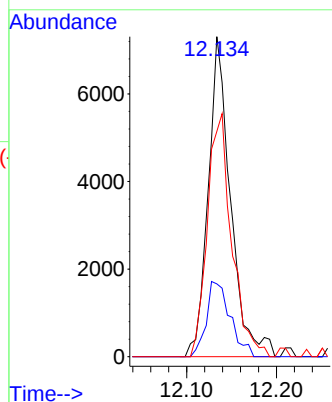
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:107 Resp: 12630
Ion Ratio Lower Upper
107 100
144 22.8 22.5 33.7
142 70.4 70.8 106.2#

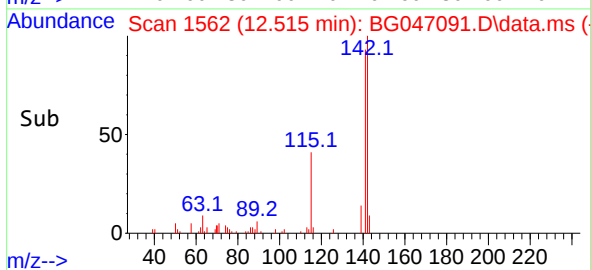
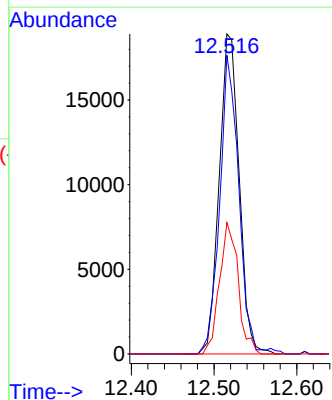
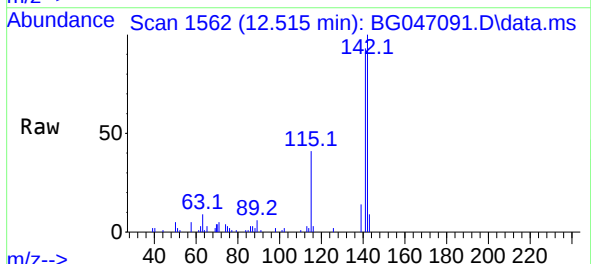
Manual Integrations
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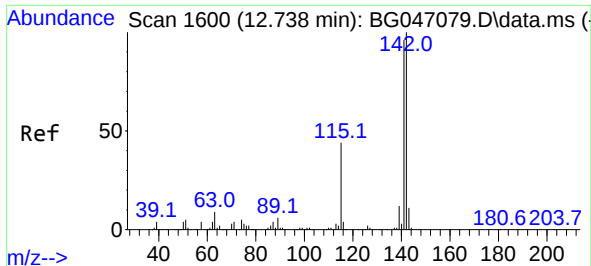
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#37
2-Methylnaphthalene
Concen: 5.90 ng m
RT: 12.515 min Scan# 1562
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

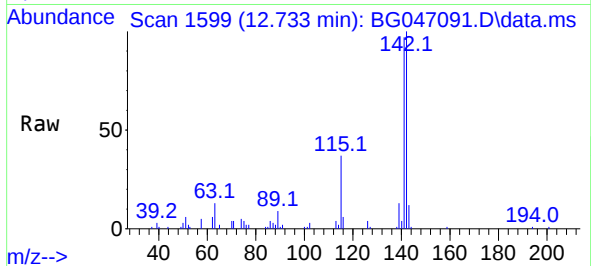
Tgt Ion:142 Resp: 31592
Ion Ratio Lower Upper
142 100
141 93.4 71.6 107.4
115 41.1 25.4 38.2#





#38
1-Methylnaphthalene
Concen: 5.97 ng m
RT: 12.733 min Scan# 1599
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

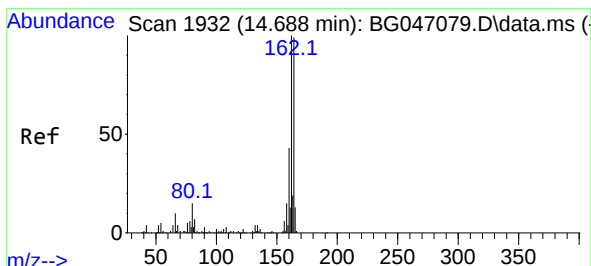
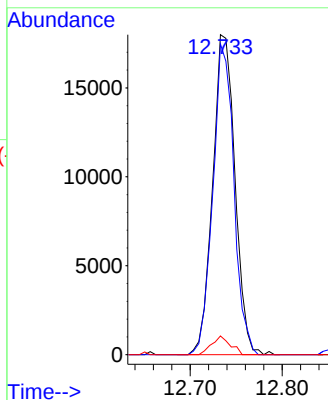
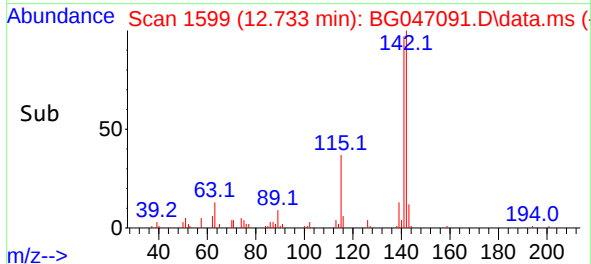
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



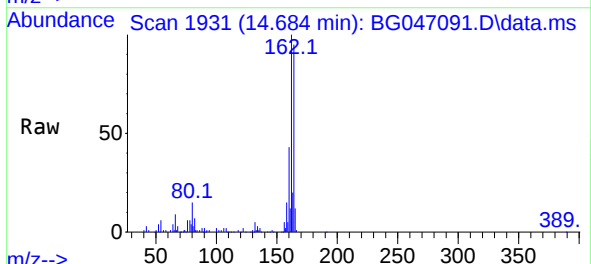
Tgt Ion:142 Resp: 30320
Ion Ratio Lower Upper
142 100
141 97.1 75.4 113.2
116 5.8 2.9 4.3#

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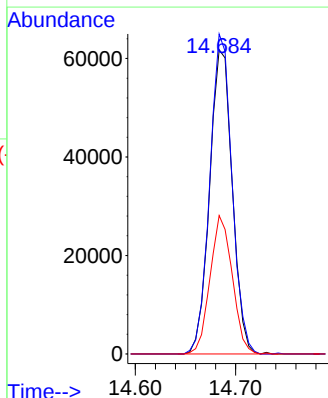
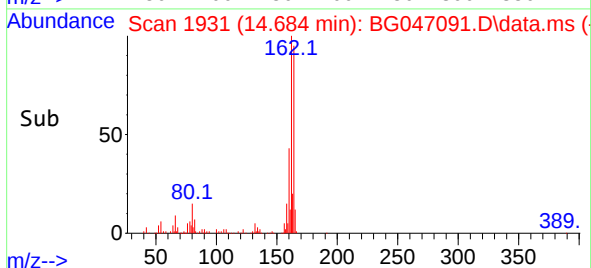
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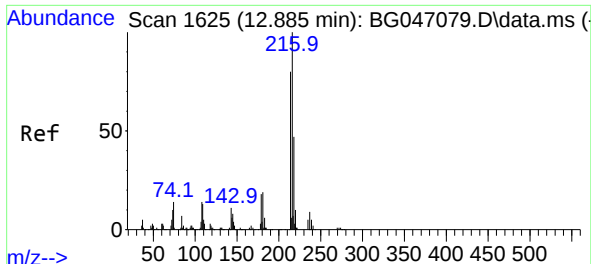


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.684 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion:164 Resp: 96998
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 45.5 35.3 52.9





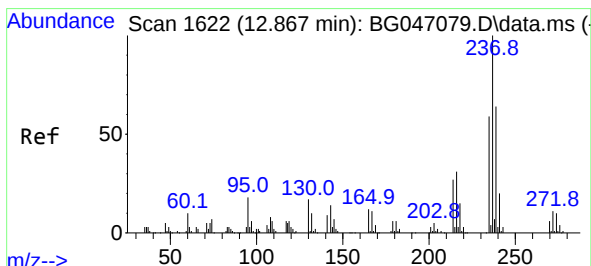
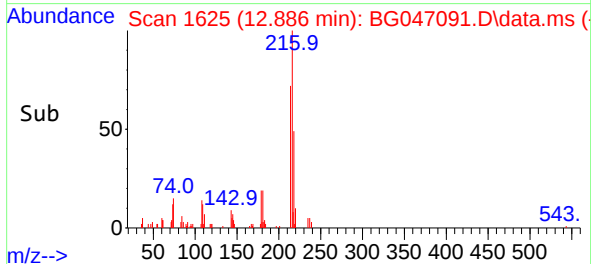
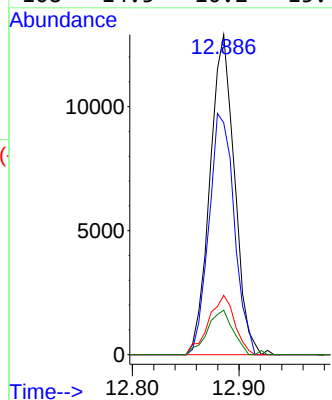
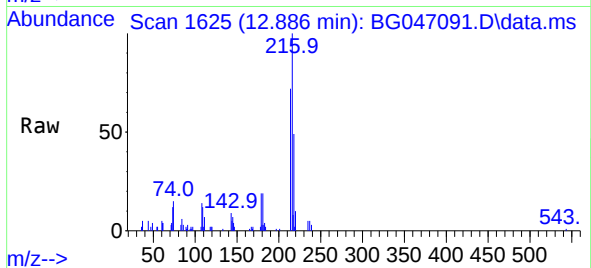
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.83 ng
RT: 12.886 min Scan# 1625
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	216	Resp:	20662
Ion Ratio	Lower	Upper	
216	100		
214	77.6	61.9	92.9
179	19.8	14.8	22.2
108	14.5	10.2	15.4

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

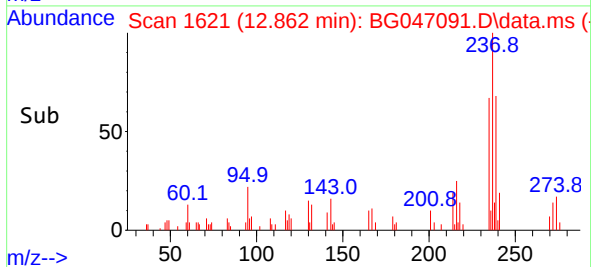
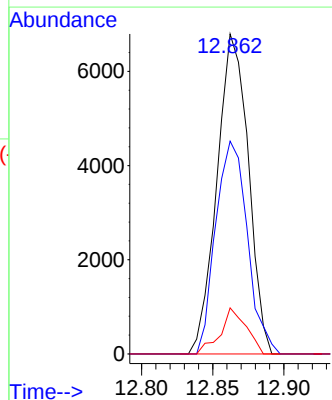
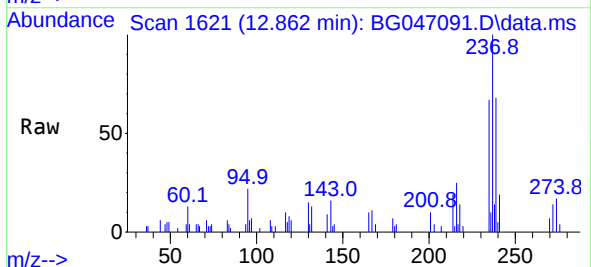
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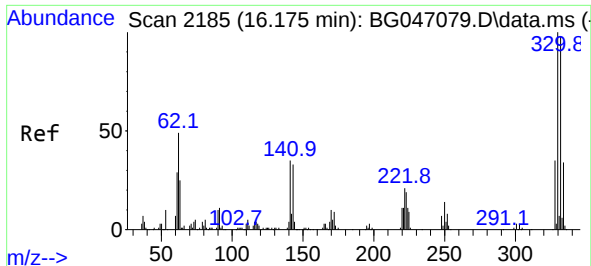
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#41
Hexachlorocyclopentadiene
Concen: 5.39 ng
RT: 12.862 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

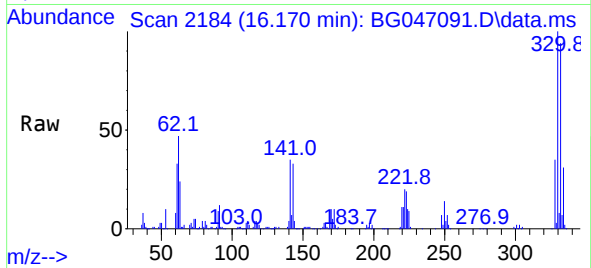
Tgt Ion:	237	Resp:	10442
Ion Ratio	Lower	Upper	
237	100		
235	66.5	43.1	83.1
272	14.4	0.0	33.1





#42
2,4,6-Tribromophenol
Concen: 171.26 ng
RT: 16.170 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

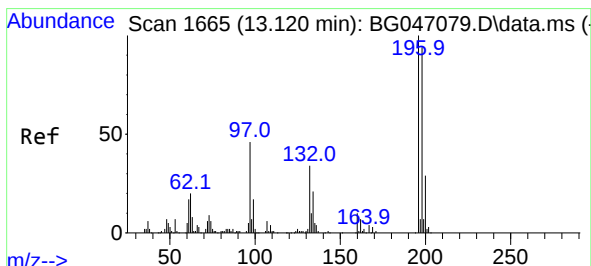
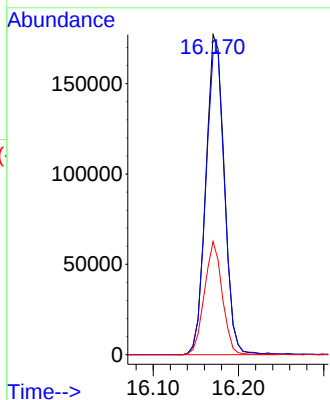
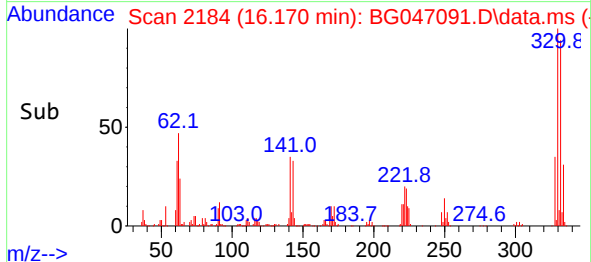
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



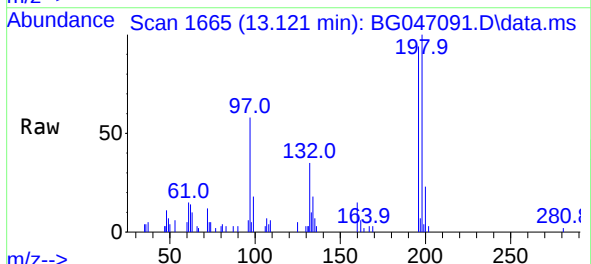
Tgt Ion:330 Resp: 266268
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 34.1 26.0 39.0

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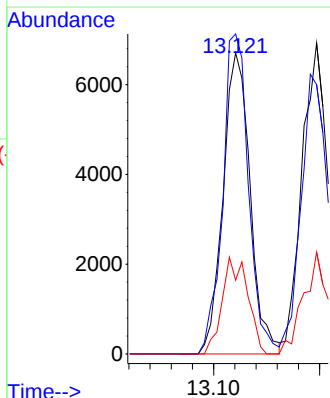
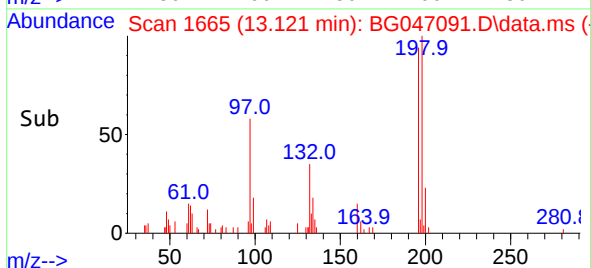
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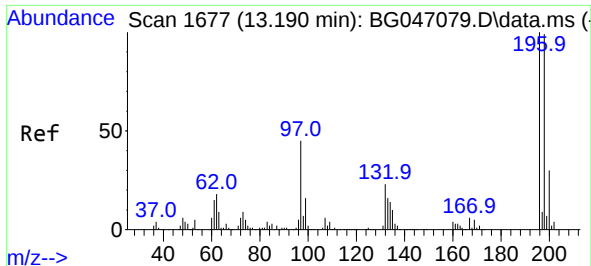


#43
2,4,6-Trichlorophenol
Concen: 5.14 ng m
RT: 13.121 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



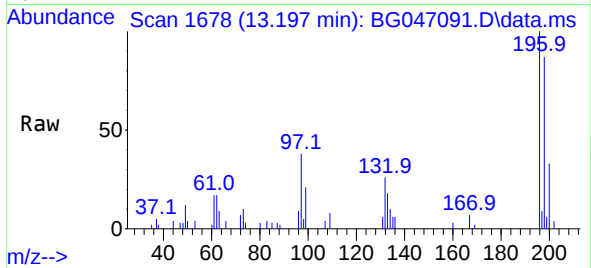
Tgt Ion:196 Resp: 11875
Ion Ratio Lower Upper
196 100
198 106.2 74.9 112.3
200 24.5 25.3 37.9#





#44
2,4,5-Trichlorophenol
Concen: 5.62 ng
RT: 13.197 min Scan# 1678
Delta R.T. 0.007 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

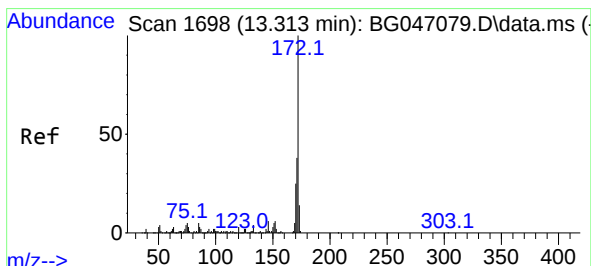
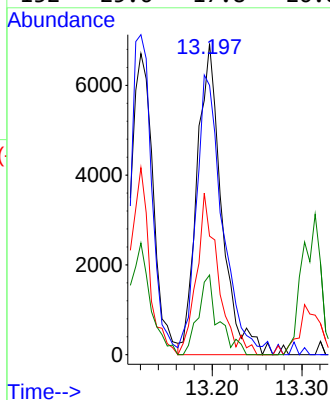
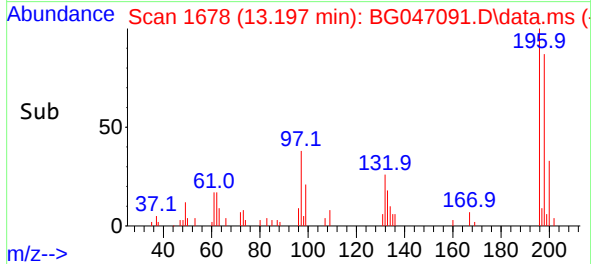
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



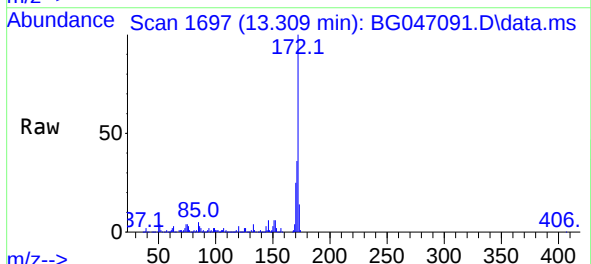
Tgt Ion:196 Resp: 13186
Ion Ratio Lower Upper
196 100
198 86.6 77.6 116.4
97 38.1 28.6 43.0
132 25.6 17.8 26.8

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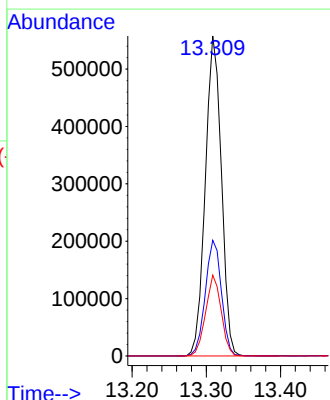
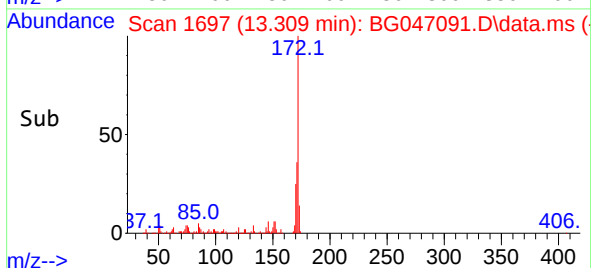
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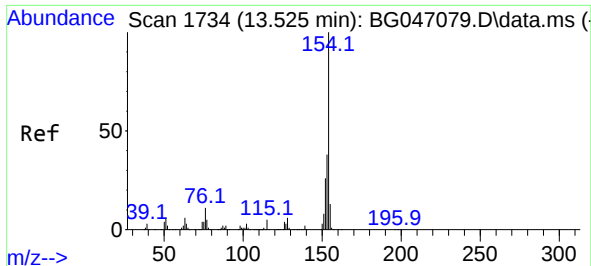


#45
2-Fluorobiphenyl
Concen: 122.50 ng
RT: 13.309 min Scan# 1697
Delta R.T. -0.004 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion:172 Resp: 840420
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 25.2 20.8 31.2





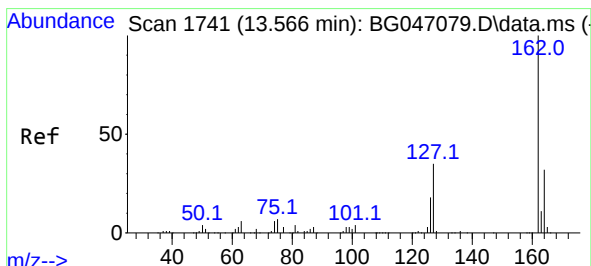
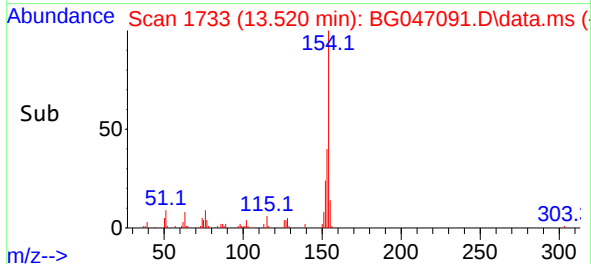
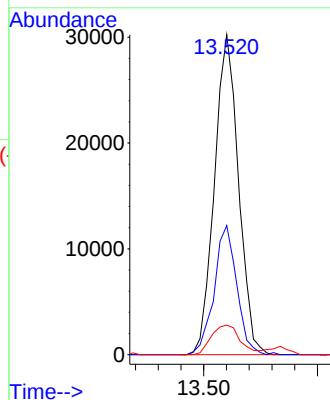
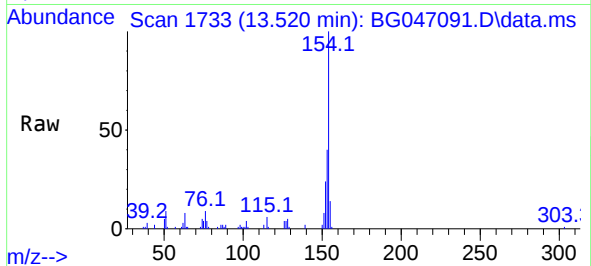
#46
1,1'-Biphenyl
Concen: 6.05 ng
RT: 13.520 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	154	Resp:	44394
Ion Ratio	Lower	Upper	
154	100		
153	40.4	22.6	62.6
76	9.2	0.0	32.6

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

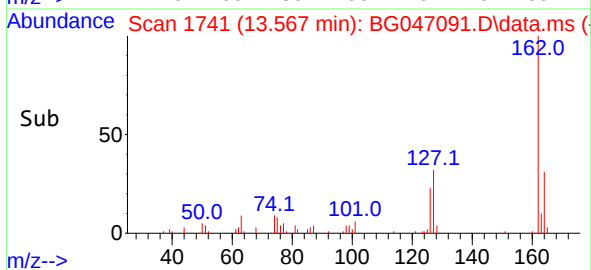
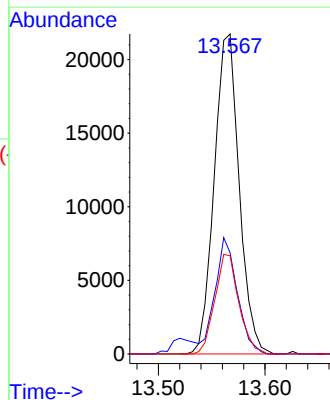
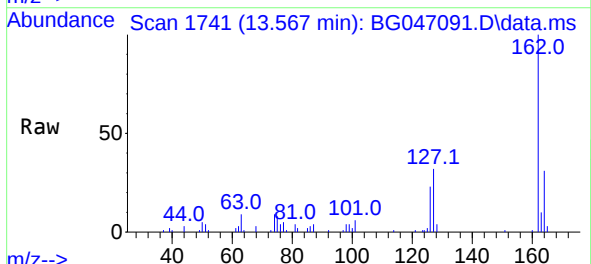
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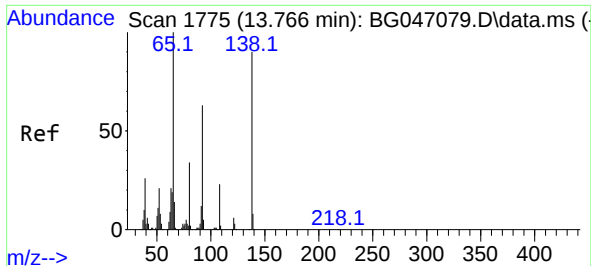
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#47
2-Chloronaphthalene
Concen: 5.83 ng
RT: 13.567 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	162	Resp:	35251
Ion Ratio	Lower	Upper	
162	100		
127	31.6	27.8	41.6
164	30.7	27.0	40.4





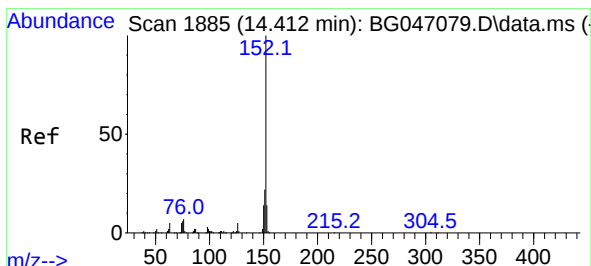
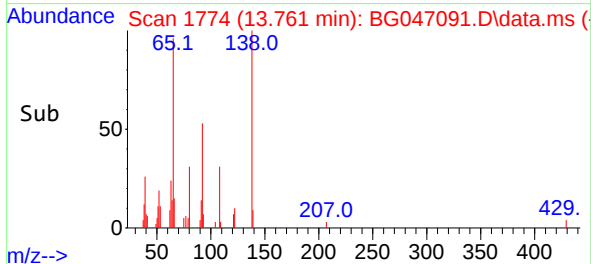
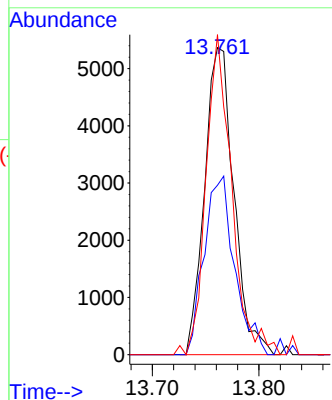
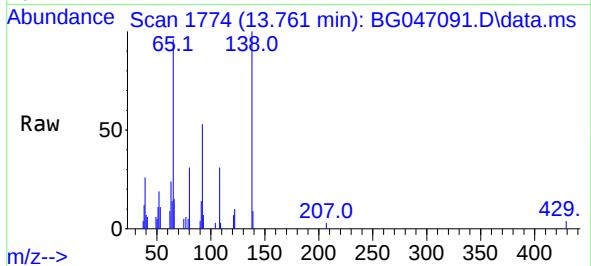
#48
2-Nitroaniline
Concen: 5.20 ng
RT: 13.761 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	65	Resp:	10244
Ion Ratio	Lower	Upper	
65	100		
92	55.2	58.6	88.0#
138	104.2	98.2	147.4

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

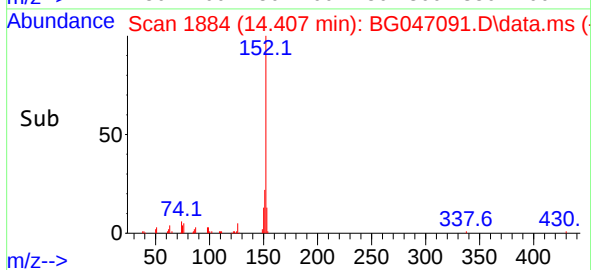
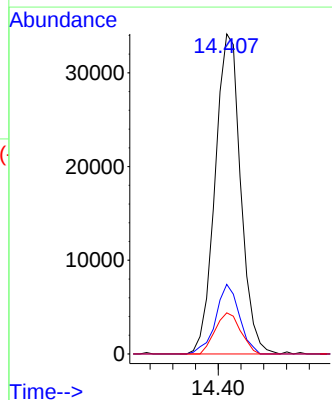
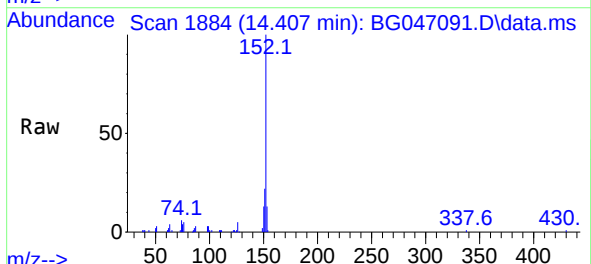
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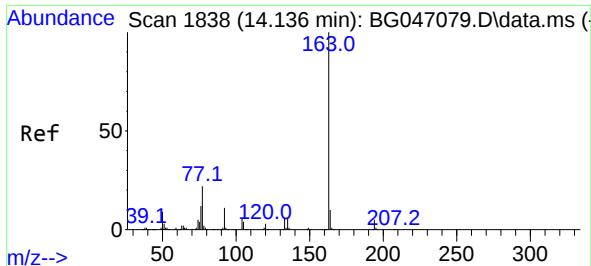
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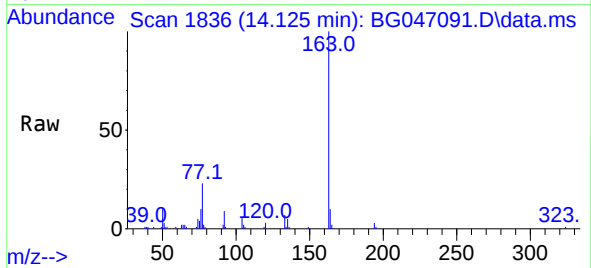
#49
Acenaphthylene
Concen: 6.07 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	152	Resp:	53234
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.4	26.0
153	12.8	11.5	17.3

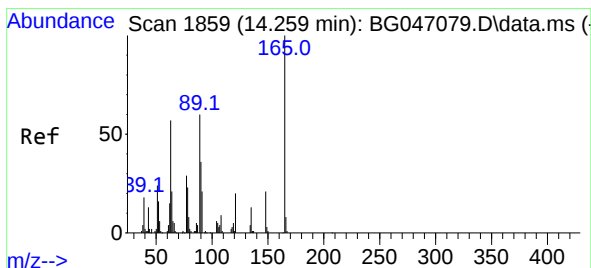
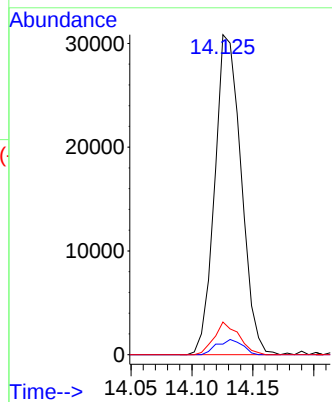
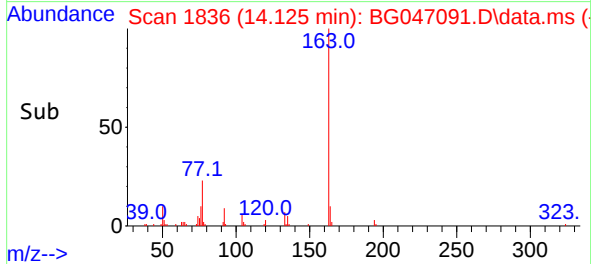




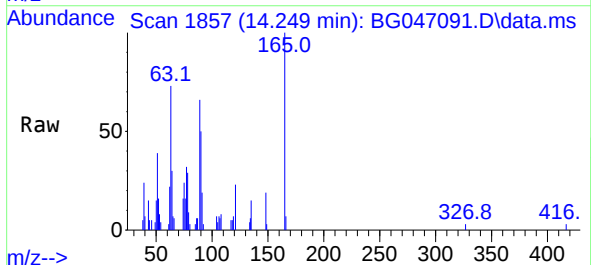
#50
Dimethylphthalate
Concen: 5.81 ng
RT: 14.125 min Scan# 1836
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



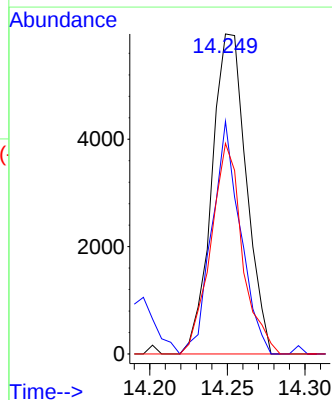
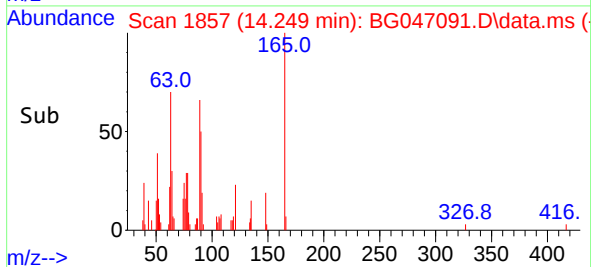
Tgt Ion:163 Resp: 46418
Ion Ratio Lower Upper
163 100
194 3.3 3.8 5.8#
164 10.2 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 5.53 ng
RT: 14.249 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



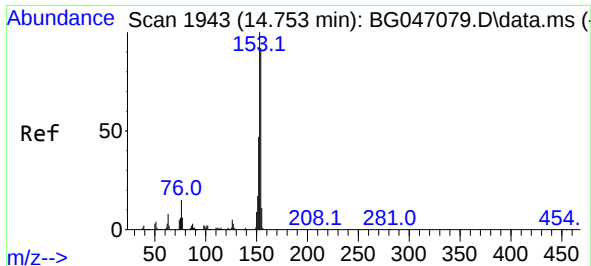
Tgt Ion:165 Resp: 9221
Ion Ratio Lower Upper
165 100
63 72.7 33.7 50.5#
89 65.8 36.6 54.8#



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

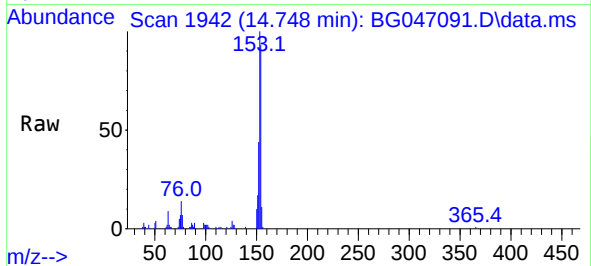
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#52
Acenaphthene
Concen: 5.74 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

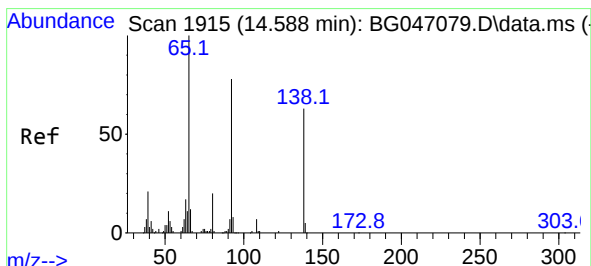
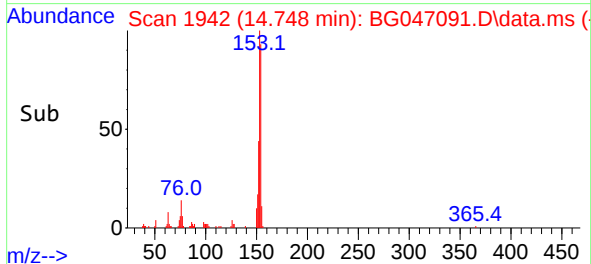
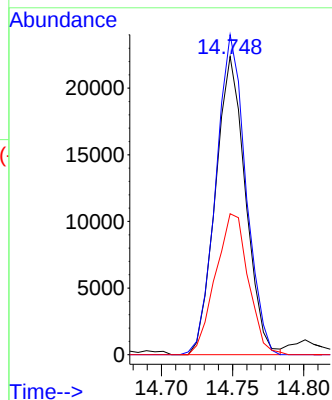
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:154 Resp: 32884
Ion Ratio Lower Upper
154 100
153 107.3 90.3 135.5
152 47.3 43.8 65.8

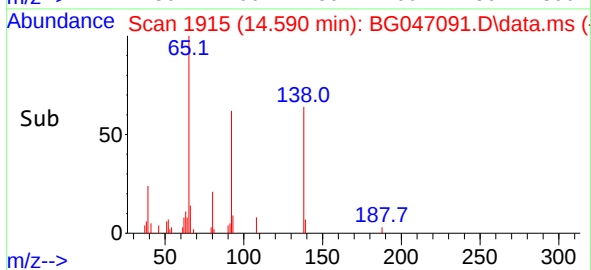
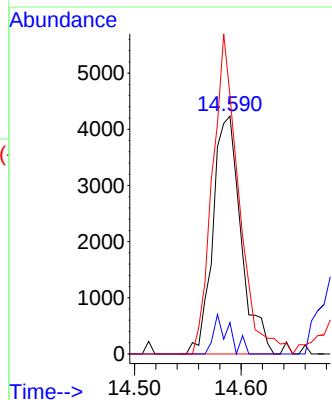
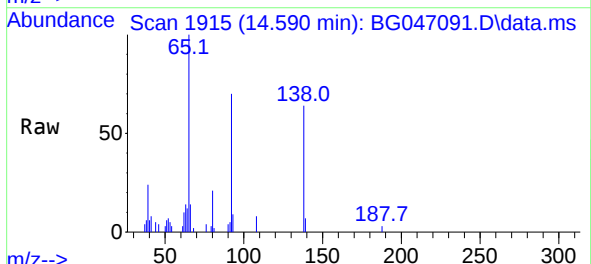
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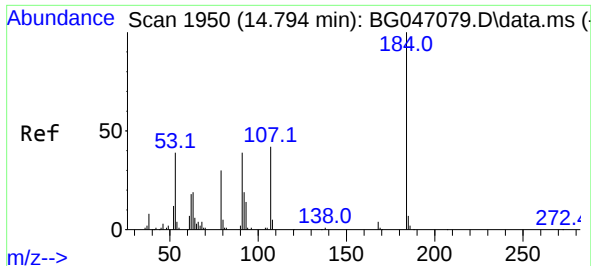
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#53
3-Nitroaniline
Concen: 4.69 ng
RT: 14.590 min Scan# 1915
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

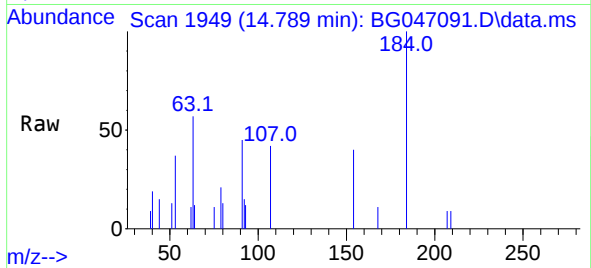
Tgt Ion:138 Resp: 7760
Ion Ratio Lower Upper
138 100
108 13.2 7.4 11.0#
92 108.7 85.2 127.8





#54
2,4-Dinitrophenol
Concen: 3.24 ng
RT: 14.789 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

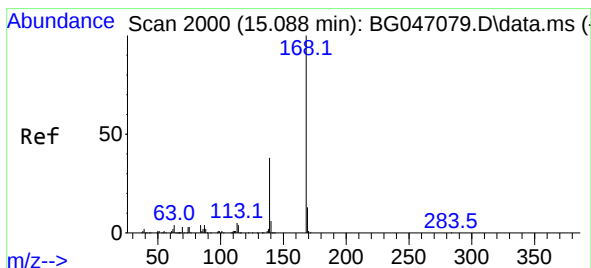
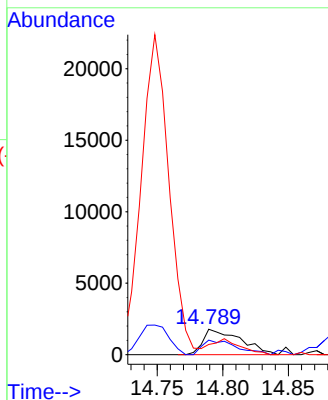
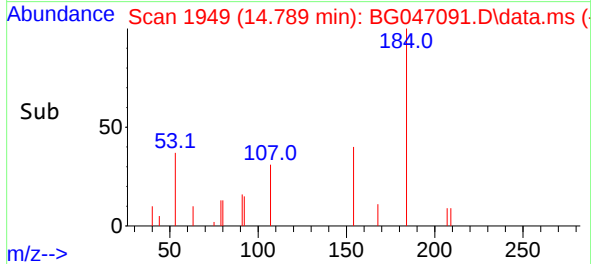
Instrument :
BNA_G
ClientSampleId :
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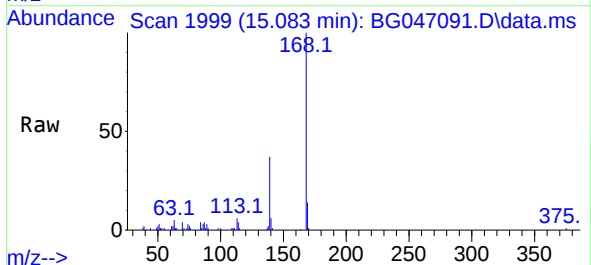
Tgt Ion:184 Resp: 3560
Ion Ratio Lower Upper
184 100
63 57.1 32.3 48.5#
154 40.4 40.4 60.6#

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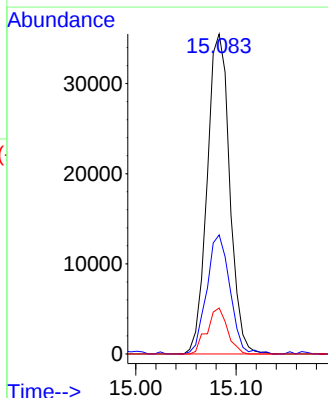
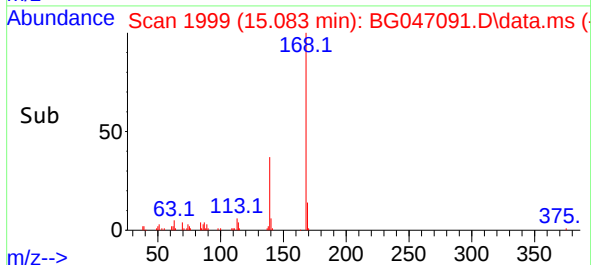
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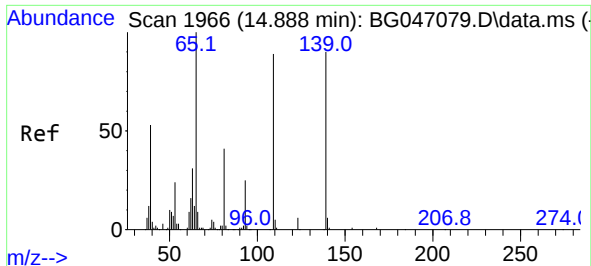


#55
Dibenzofuran
Concen: 6.02 ng
RT: 15.083 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



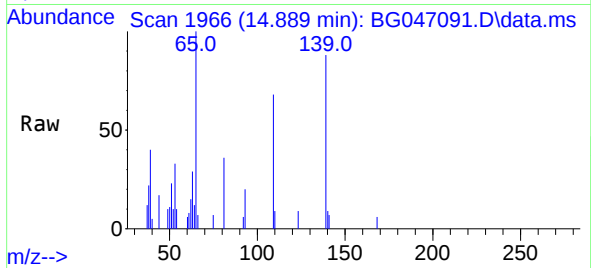
Tgt Ion:168 Resp: 55369
Ion Ratio Lower Upper
168 100
139 37.2 28.6 43.0
169 14.3 11.0 16.6





#56
4-Nitrophenol
Concen: 4.17 ng
RT: 14.889 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

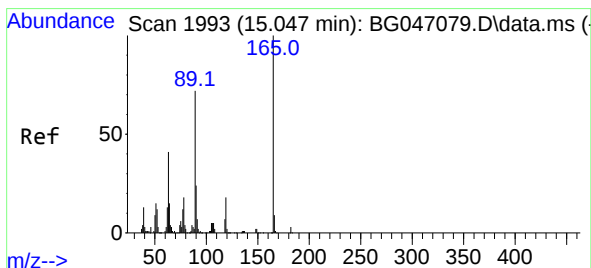
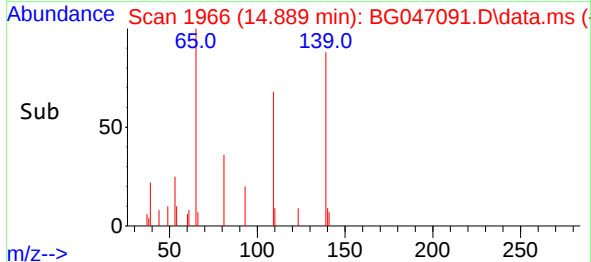
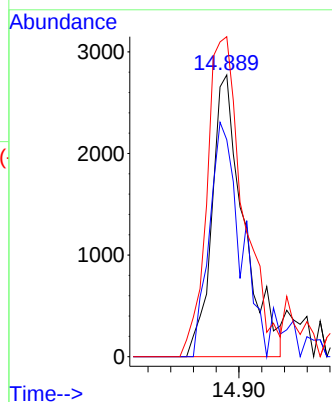
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	45.9	85.9
65	113.6	65.4	105.4#

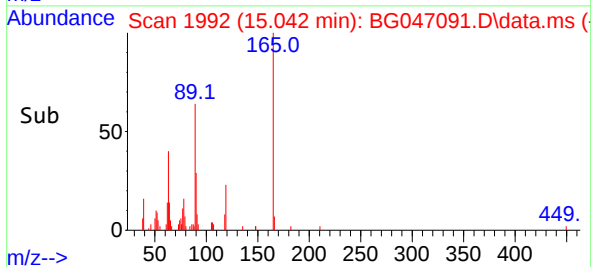
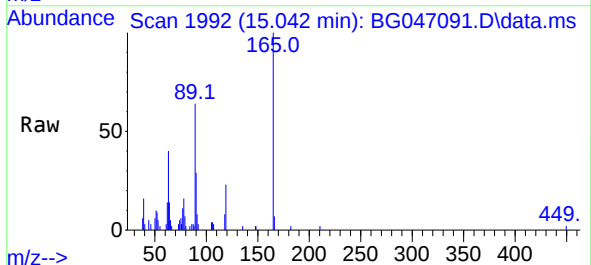
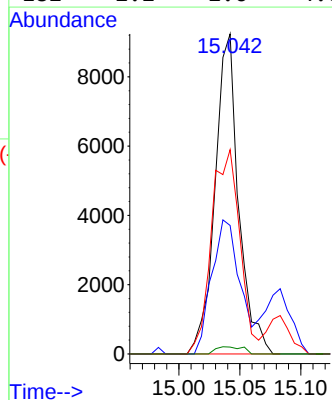
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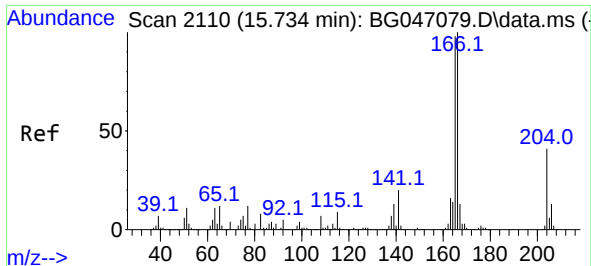
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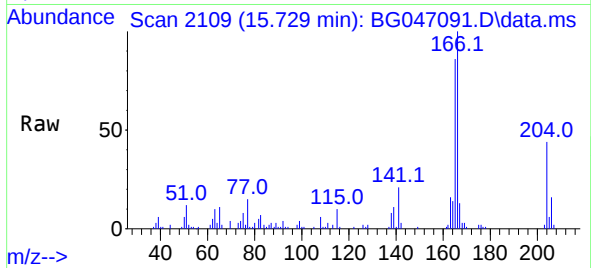
#57
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 15.042 min Scan# 1992
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	26.4	39.6#
89	63.9	47.8	71.8
182	2.2	2.6	4.0#

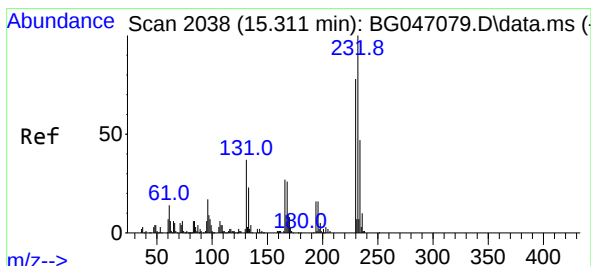
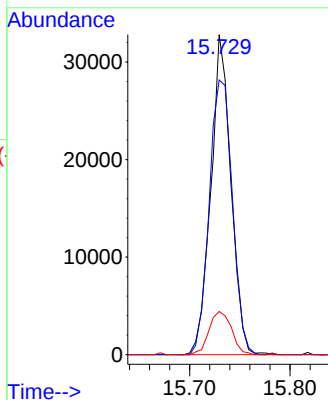
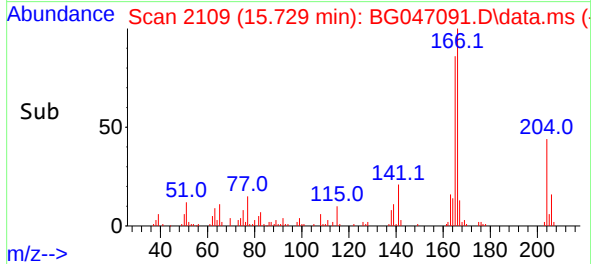




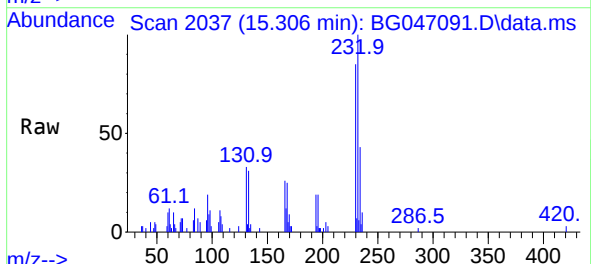
#58
Fluorene
Concen: 6.15 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



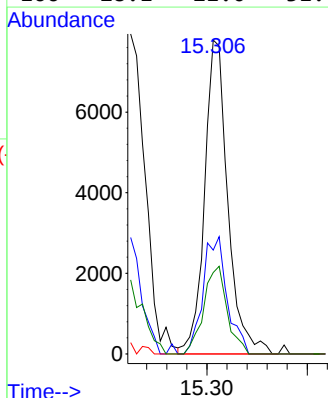
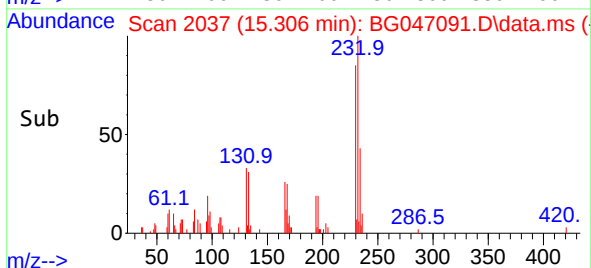
Tgt Ion:166 Resp: 45672
Ion Ratio Lower Upper
166 100
165 85.8 77.2 115.8
167 13.5 11.4 17.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.04 ng
RT: 15.306 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



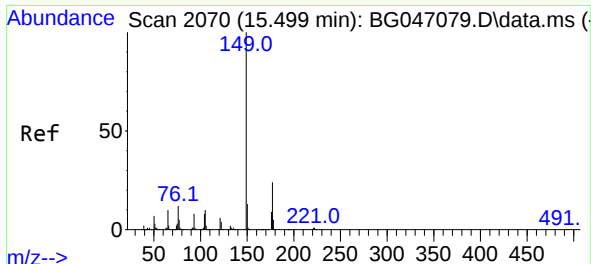
Tgt Ion:232 Resp: 12570
Ion Ratio Lower Upper
232 100
131 38.7 26.6 40.0
130 0.0 1.4 2.0#
166 28.1 21.0 31.6



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

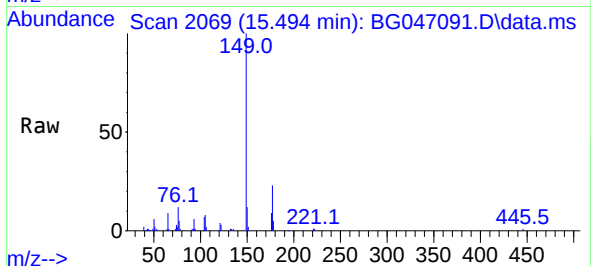
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#60
Diethylphthalate
Concen: 5.91 ng
RT: 15.494 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

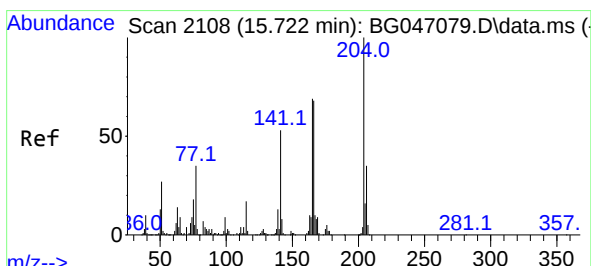
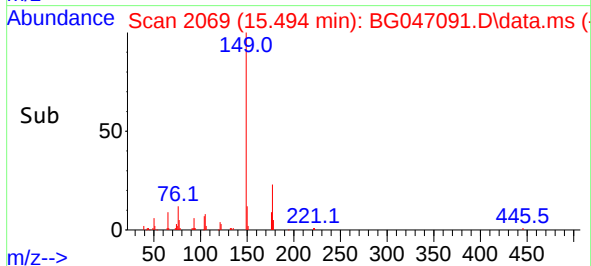
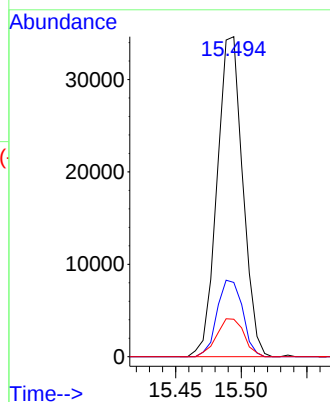
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



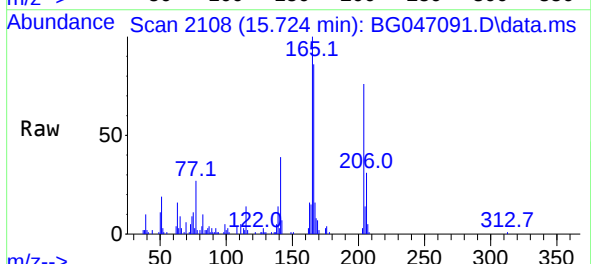
Tgt Ion:149 Resp: 47098
Ion Ratio Lower Upper
149 100
177 23.2 21.4 32.2
150 11.7 10.7 16.1

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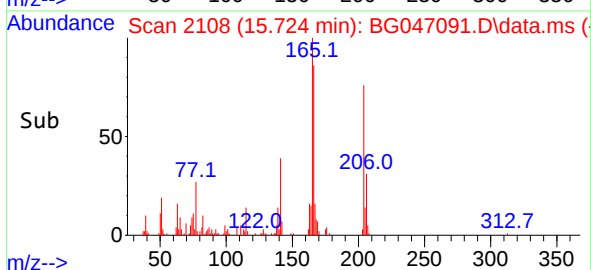
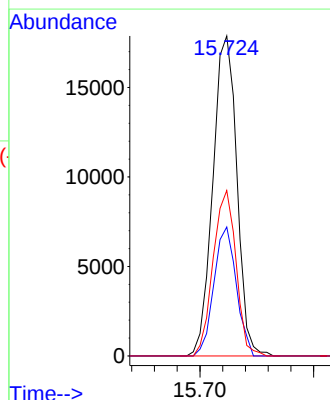
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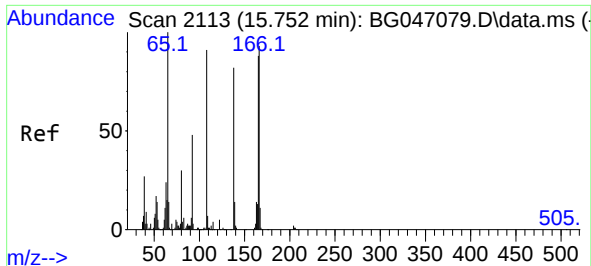


#61
4-Chlorophenyl-phenylether
Concen: 5.91 ng
RT: 15.724 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion:204 Resp: 26187
Ion Ratio Lower Upper
204 100
206 40.3 27.8 41.8
141 51.7 41.5 62.3





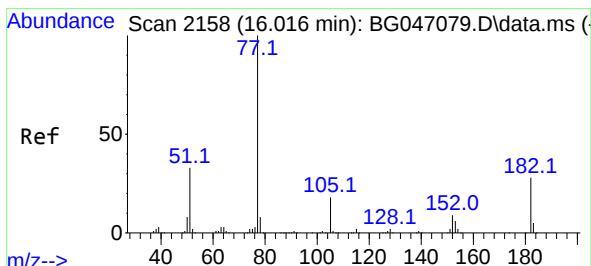
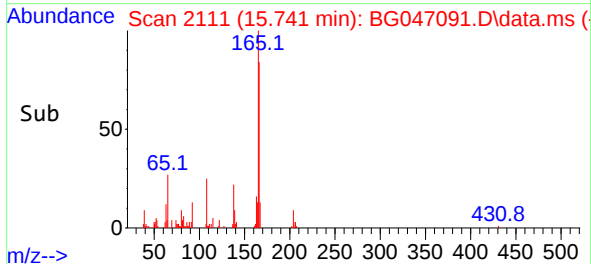
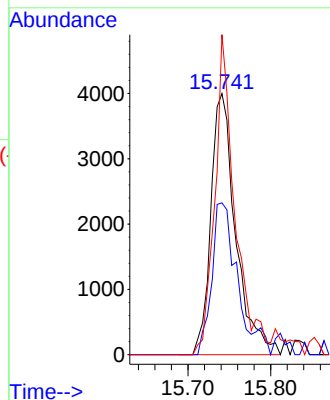
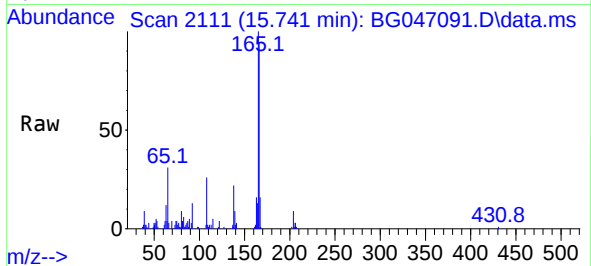
#62
4-Nitroaniline
Concen: 4.69 ng m
RT: 15.741 min Scan# 2111
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:138 Resp: 8332
Ion Ratio Lower Upper
138 100
92 58.2 26.9 66.9
108 122.6 49.4 89.4#

Instrument :
BNA_G
ClientSampleId :
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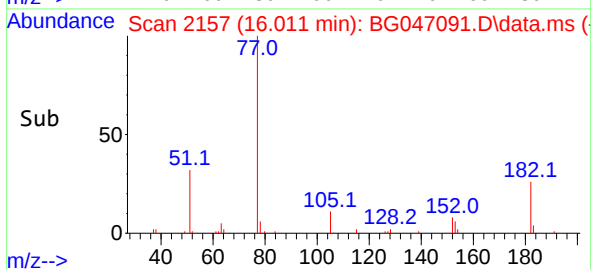
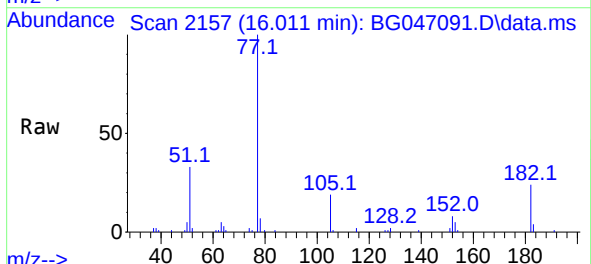
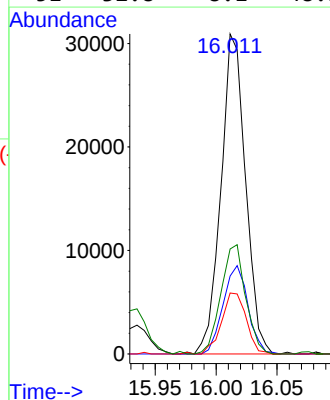
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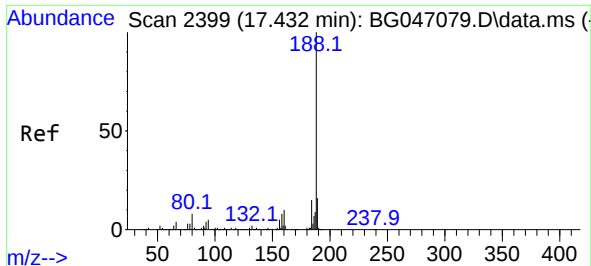
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#63
Azobenzene
Concen: 6.14 ng
RT: 16.011 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion: 77 Resp: 43424
Ion Ratio Lower Upper
77 100
182 24.3 14.0 54.0
105 19.1 3.0 43.0
51 32.8 8.1 48.1





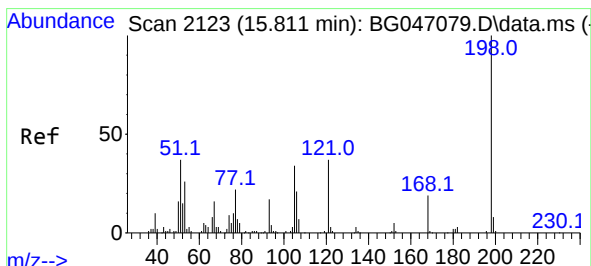
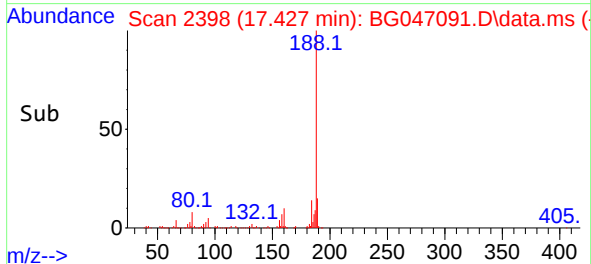
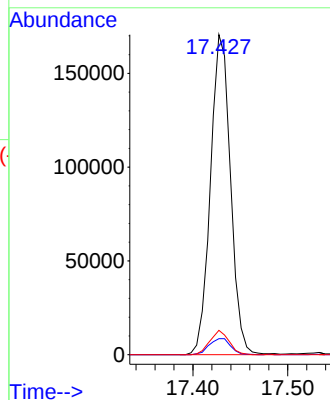
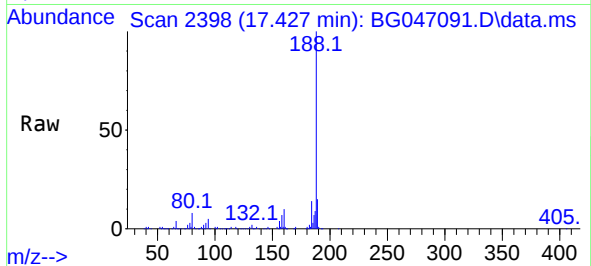
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.427 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:188 Resp: 250629
Ion Ratio Lower Upper
188 100
94 5.0 6.3 9.5#
80 7.6 7.0 10.6

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

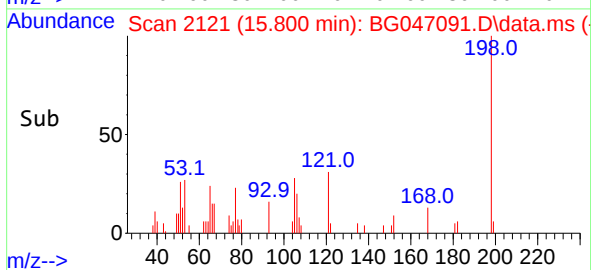
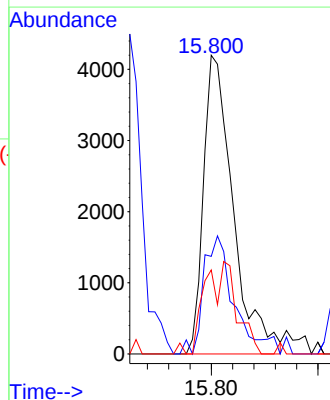
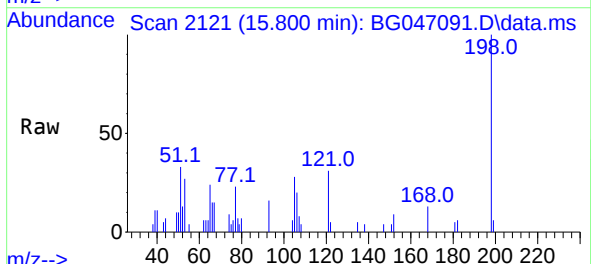
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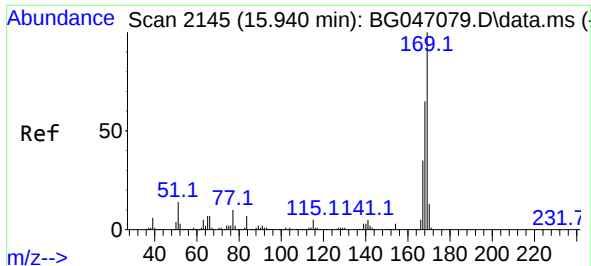
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#65
4,6-Dinitro-2-methylphenol
Concen: 5.23 ng
RT: 15.800 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

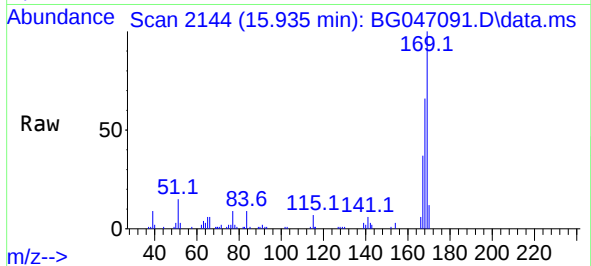
Tgt Ion:198 Resp: 8067
Ion Ratio Lower Upper
198 100
51 32.6 10.4 50.4
105 28.1 12.9 52.9





#66
n-Nitrosodiphenylamine
Concen: 5.88 ng
RT: 15.935 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

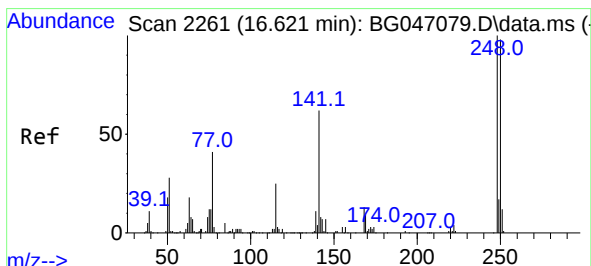
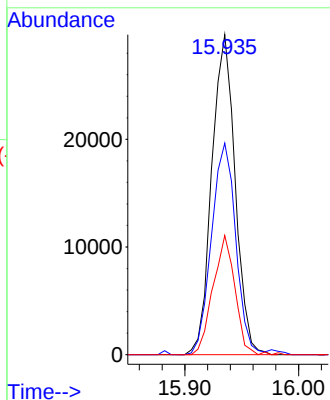
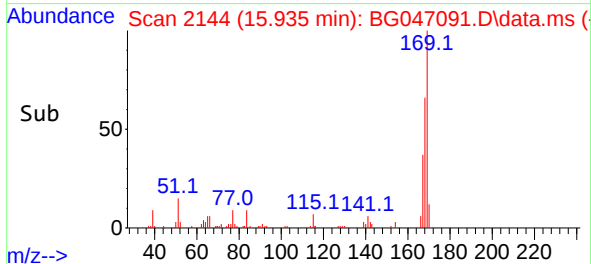
Instrument :
BNA_G
ClientSampleId :
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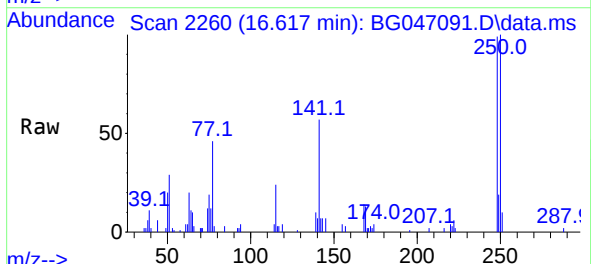
Tgt Ion:169 Resp: 42312
Ion Ratio Lower Upper
169 100
168 66.1 55.5 83.3
167 37.3 30.5 45.7

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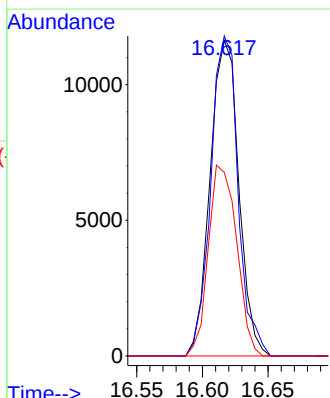
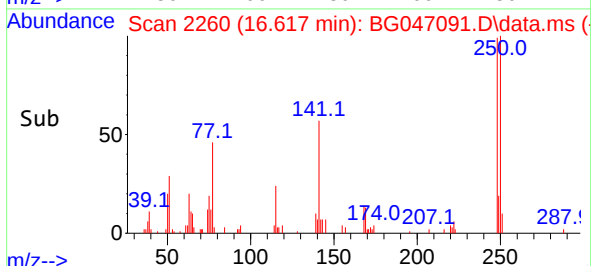
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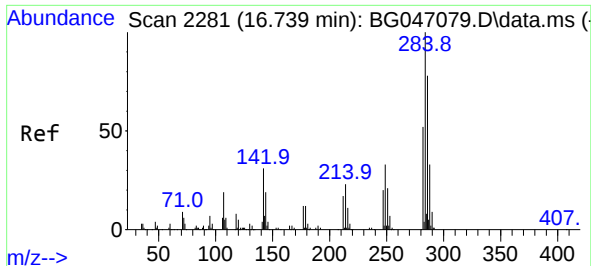


#67
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 16.617 min Scan# 2260
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

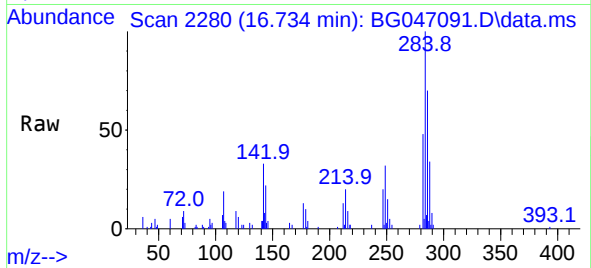


Tgt Ion:248 Resp: 17663
Ion Ratio Lower Upper
248 100
250 101.3 78.9 118.3
141 58.1 46.2 69.4

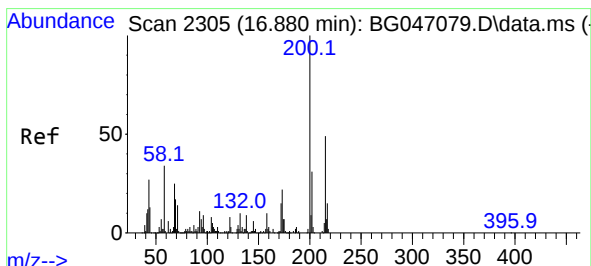
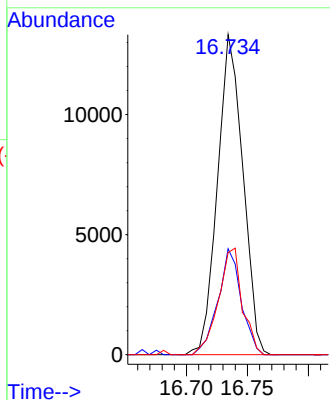
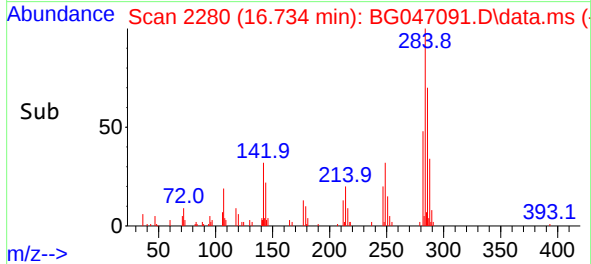




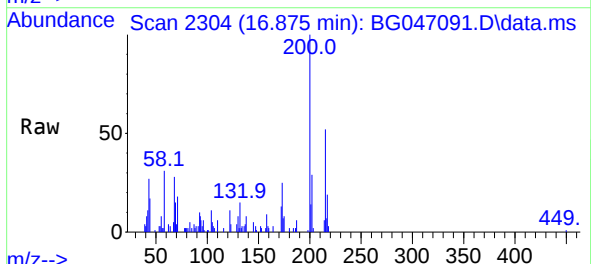
#68
Hexachlorobenzene
Concen: 5.56 ng
RT: 16.734 min Scan# 2280
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



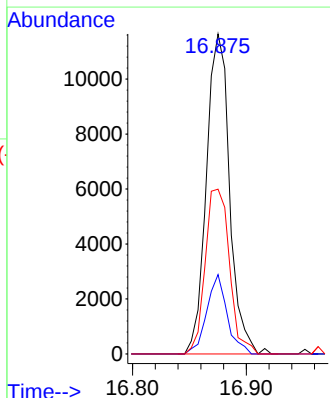
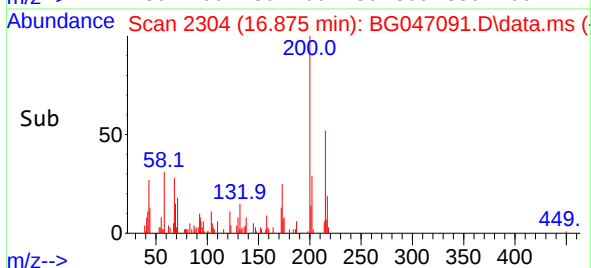
Tgt Ion:284 Resp: 19328
Ion Ratio Lower Upper
284 100
142 33.1 21.1 31.7#
249 34.7 25.9 38.9



#69
Atrazine
Concen: 5.58 ng
RT: 16.875 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



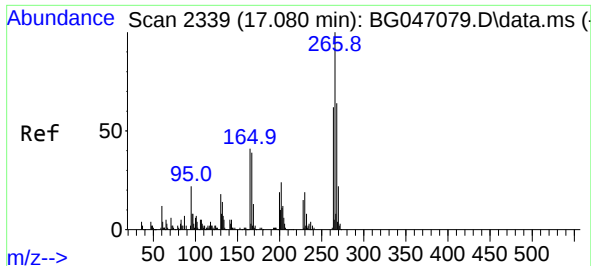
Tgt Ion:200 Resp: 16524
Ion Ratio Lower Upper
200 100
173 24.8 4.2 44.2
215 51.5 30.0 70.0



Instrument :
BNA_G
ClientSampleId :
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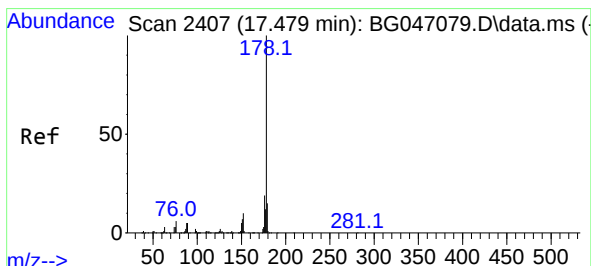
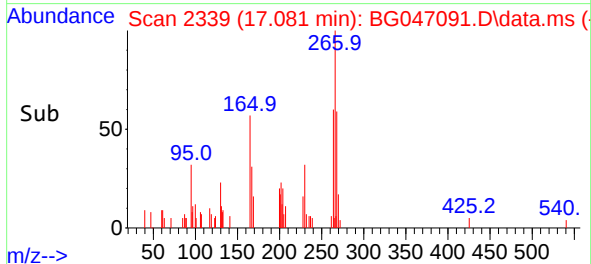
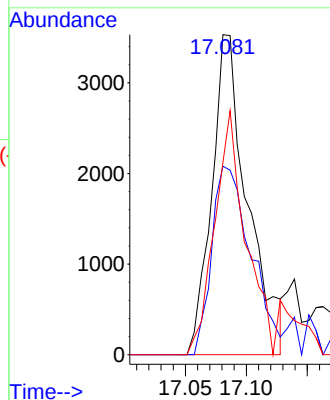
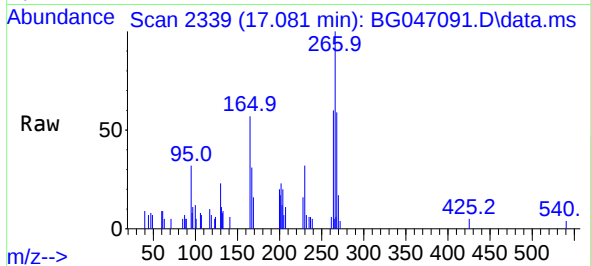
#70
Pentachlorophenol
Concen: 3.56 ng
RT: 17.081 min Scan# 2339
Delta R.T. 0.001 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	266	Resp:	7217
Ion Ratio	Lower	Upper	
266	100		
268	58.9	49.8	74.6
264	60.1	49.3	73.9

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

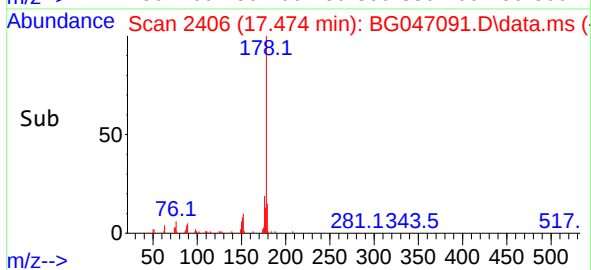
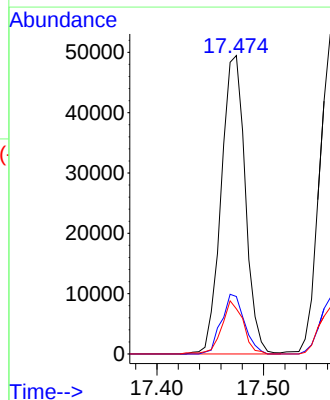
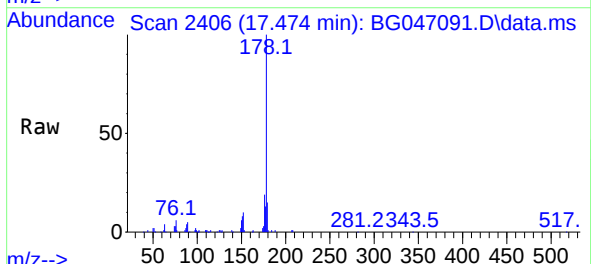
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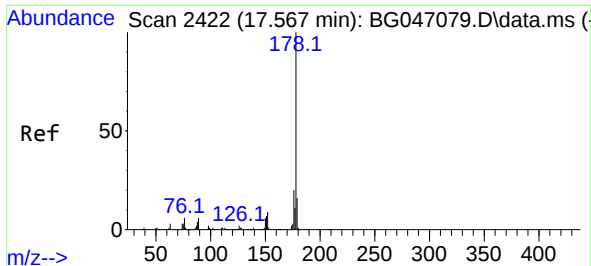
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#71
Phenanthrene
Concen: 5.79 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	178	Resp:	77452
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.7	25.1
179	15.1	14.0	21.0





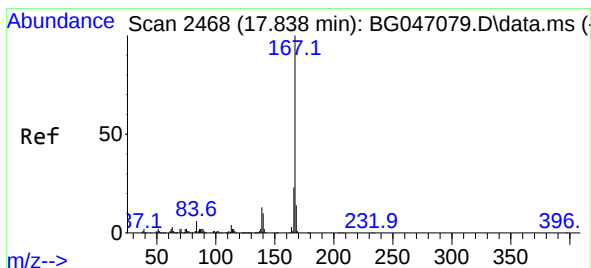
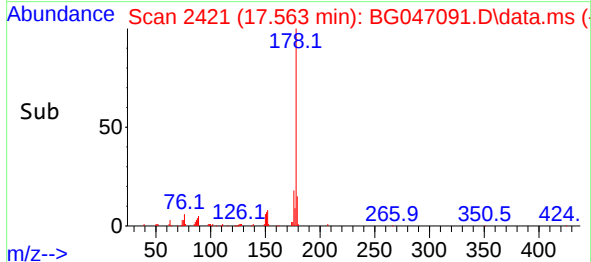
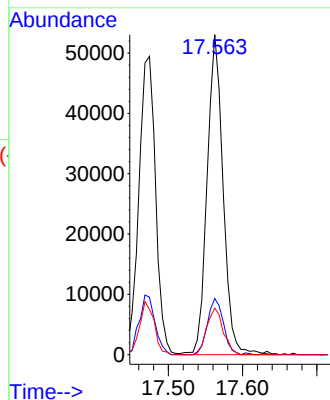
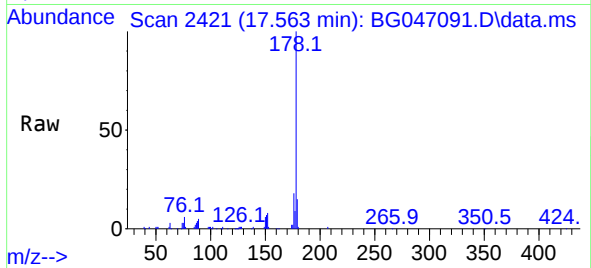
#72
 Anthracene
 Concen: 6.08 ng
 RT: 17.563 min Scan# 2421
 Delta R.T. -0.005 min
 Lab File: BG047091.D
 Acq: 27 Oct 2020 12:23

Tgt Ion:	178	Resp:	79707
Ion Ratio	Lower	Upper	
178	100		
176	17.6	16.4	24.6
179	14.5	13.8	20.6

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

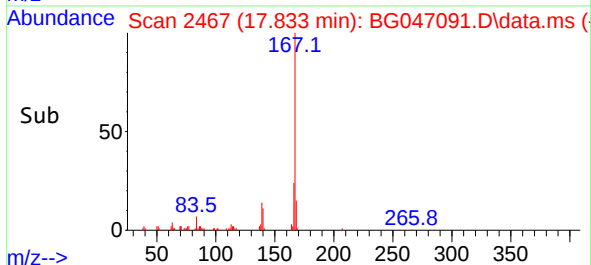
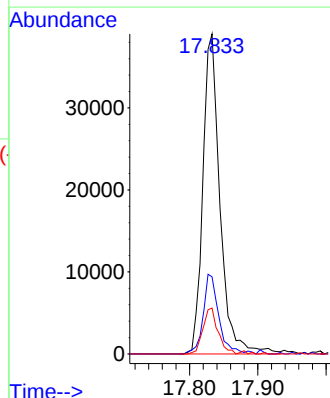
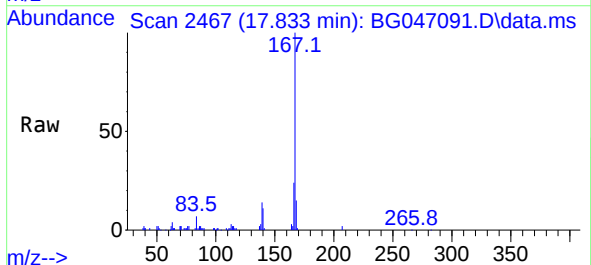
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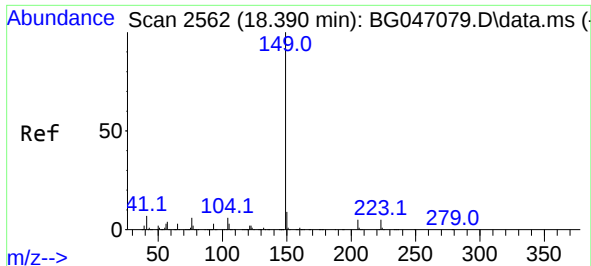
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#73
 Carbazole
 Concen: 5.84 ng
 RT: 17.833 min Scan# 2467
 Delta R.T. -0.005 min
 Lab File: BG047091.D
 Acq: 27 Oct 2020 12:23

Tgt Ion:	167	Resp:	68108
Ion Ratio	Lower	Upper	
167	100		
166	24.1	18.7	28.1
139	14.4	9.6	14.4





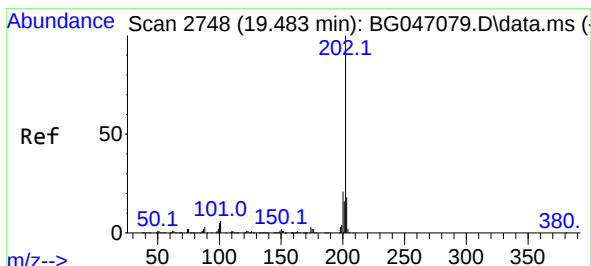
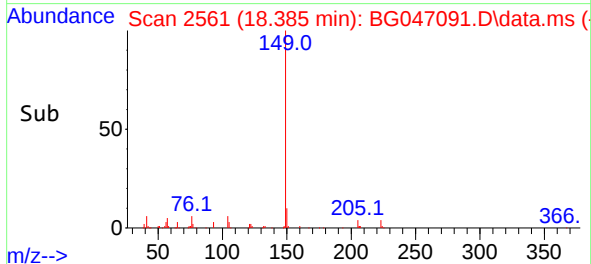
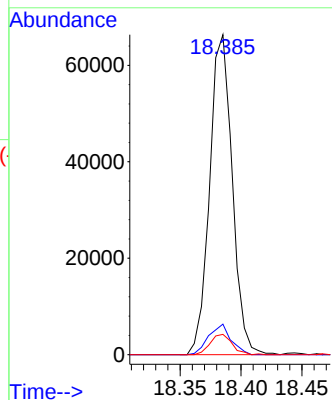
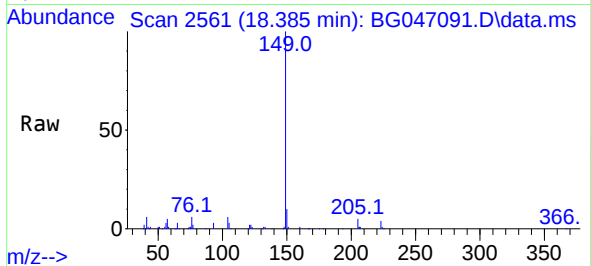
#74
Di-n-butylphthalate
Concen: 5.93 ng
RT: 18.385 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	149	Resp:	85528
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.2	12.4
104	6.4	3.8	5.8#

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

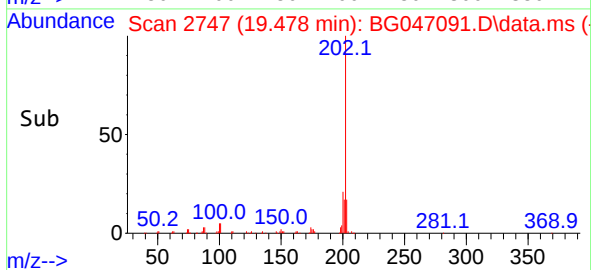
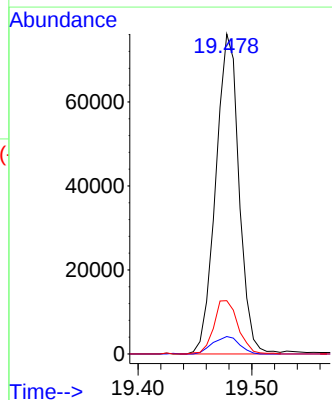
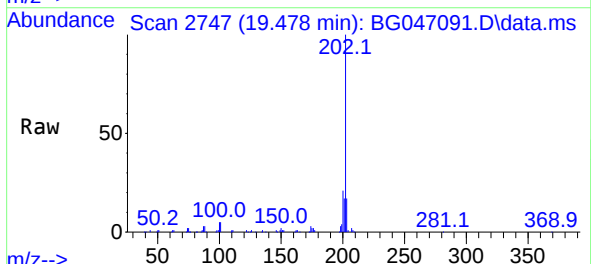
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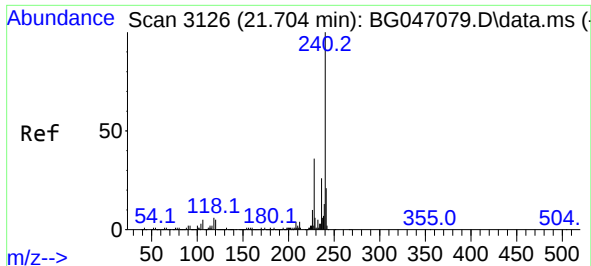
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#75
Fluoranthene
Concen: 6.30 ng
RT: 19.478 min Scan# 2747
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	202	Resp:	108398
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	29.7
203	16.7	0.0	39.2





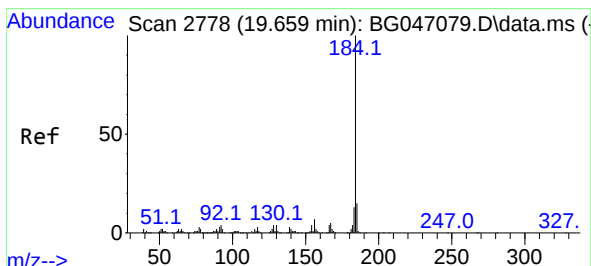
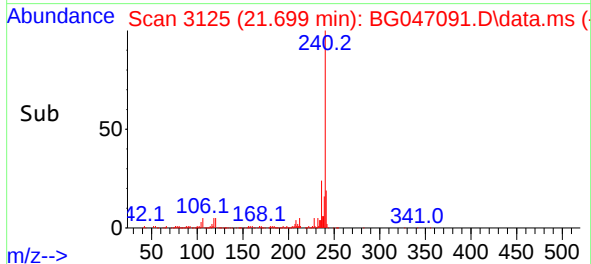
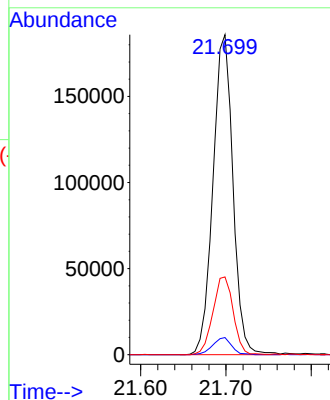
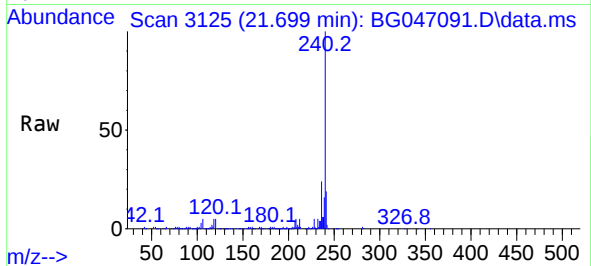
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.699 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:240 Resp: 301957
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 24.3 20.5 30.7

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

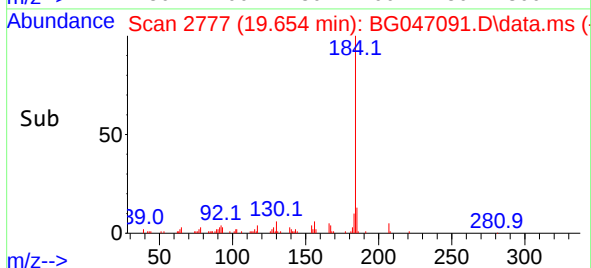
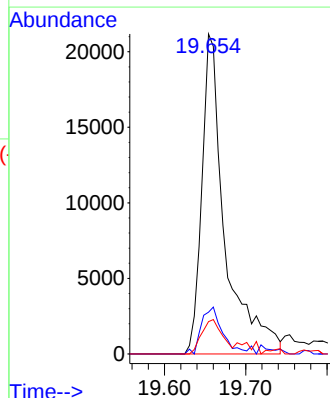
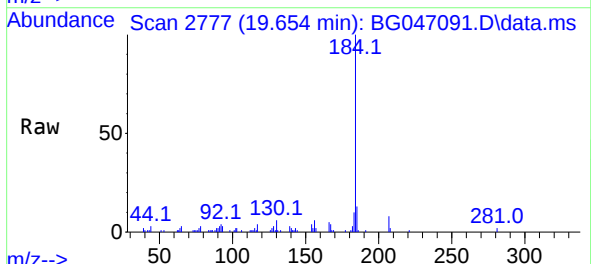
Manual Integrations
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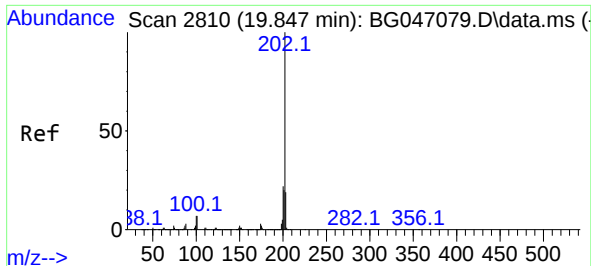
mohammad
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#77
Benzidine
Concen: 6.09 ng
RT: 19.654 min Scan# 2777
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:184 Resp: 42007
Ion Ratio Lower Upper
184 100
185 13.0 12.4 18.6
183 10.1 10.6 15.8#





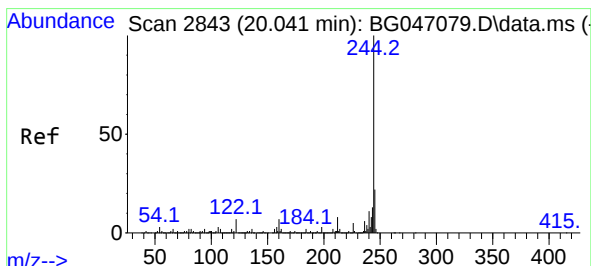
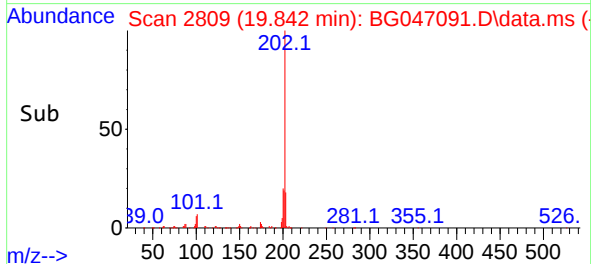
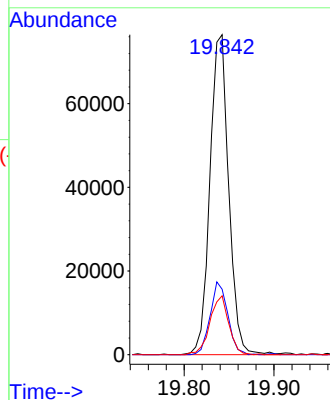
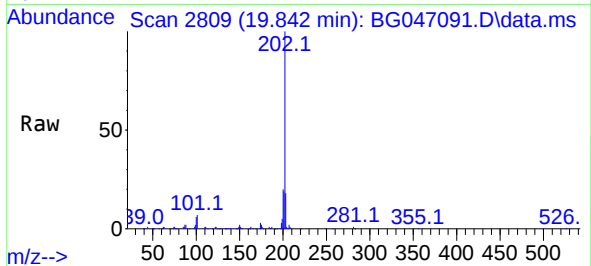
#78
Pyrene
Concen: 5.76 ng
RT: 19.842 min Scan# 2809
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

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

Tgt Ion:	202	Resp:	110917
Ion Ratio	Lower	Upper	
202	100		
200	20.5	18.6	27.8
203	18.4	15.3	22.9

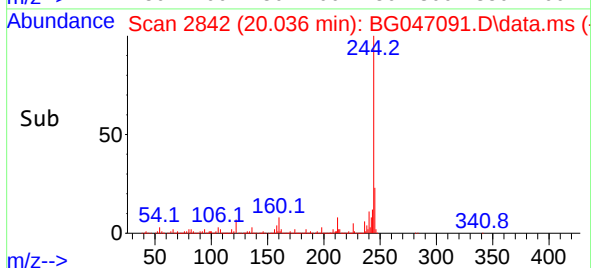
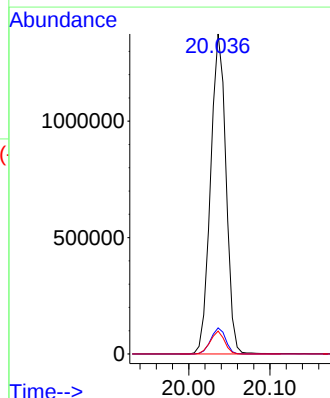
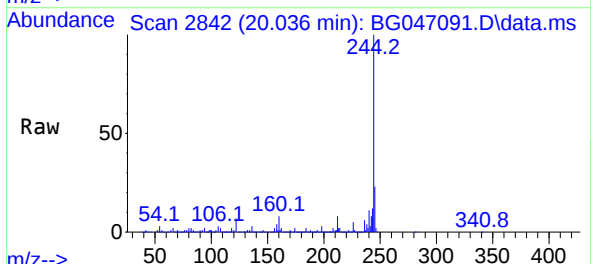
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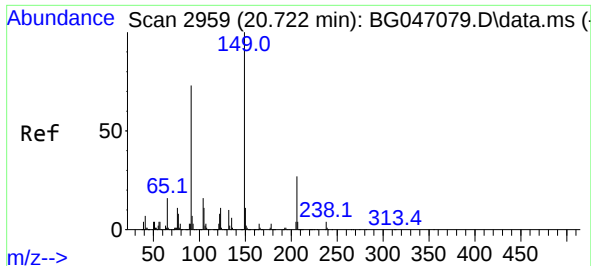
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#79
Terphenyl-d14
Concen: 116.44 ng
RT: 20.036 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	244	Resp:	1808222
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.7	10.1
122	7.2	7.8	11.6#





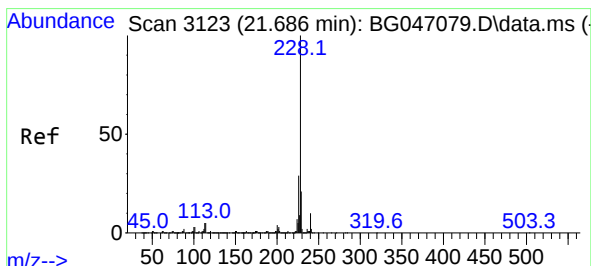
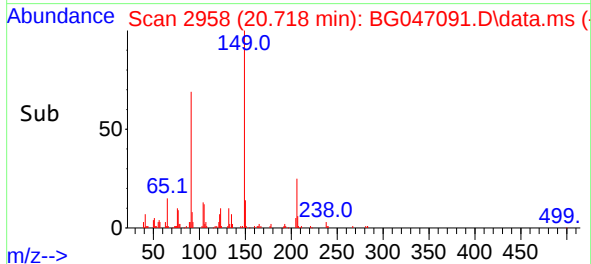
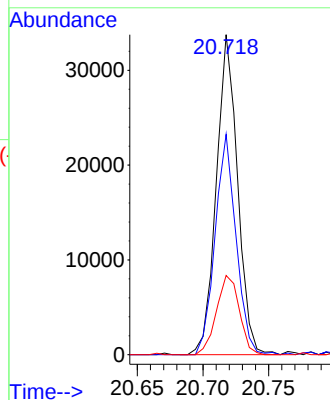
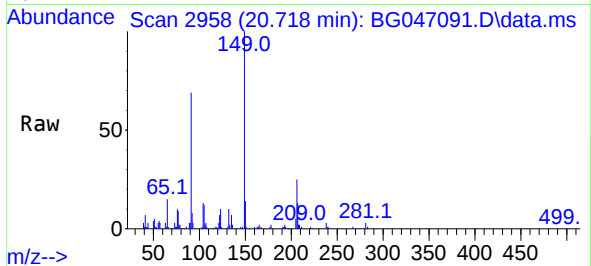
#80
Butylbenzylphthalate
Concen: 5.16 ng
RT: 20.718 min Scan# 2958
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:149 Resp: 38074
Ion Ratio Lower Upper
149 100
91 68.9 51.5 77.3
206 24.7 21.2 31.8

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

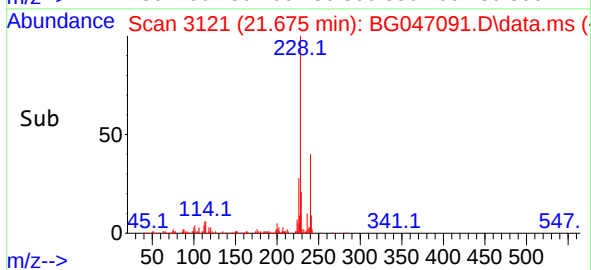
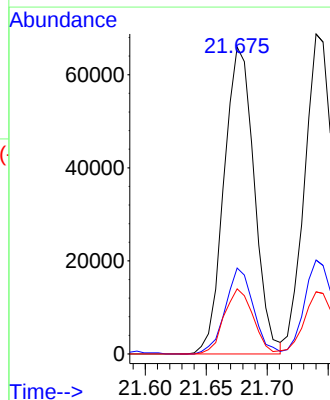
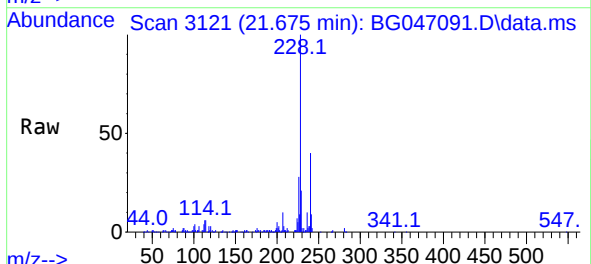
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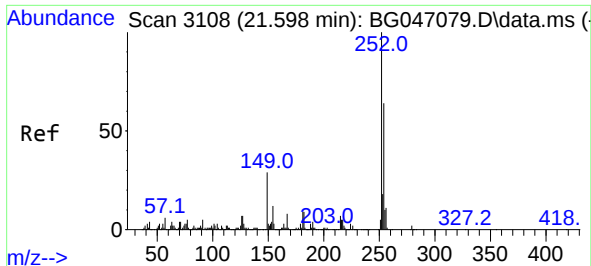
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#81
Benzo(a)anthracene
Concen: 5.75 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

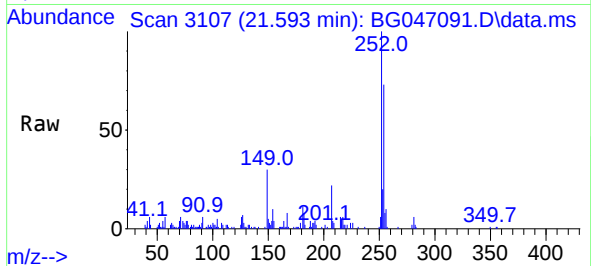
Tgt Ion:228 Resp: 113778
Ion Ratio Lower Upper
228 100
226 28.0 23.3 34.9
229 21.2 17.4 26.0





#82
3,3'-Dichlorobenzidine
Concen: 5.86 ng
RT: 21.593 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

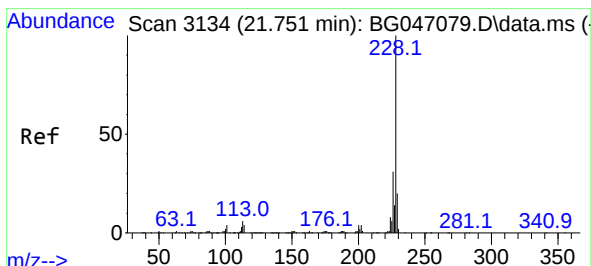
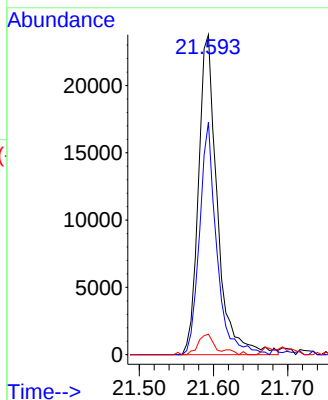
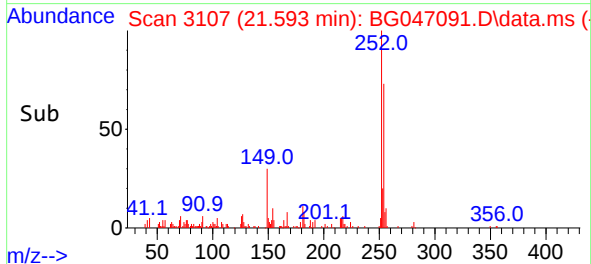
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



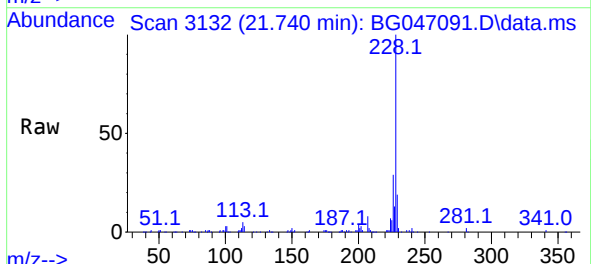
Tgt Ion:252 Resp: 42032
Ion Ratio Lower Upper
252 100
254 72.7 53.2 79.8
126 6.4 6.8 10.2#

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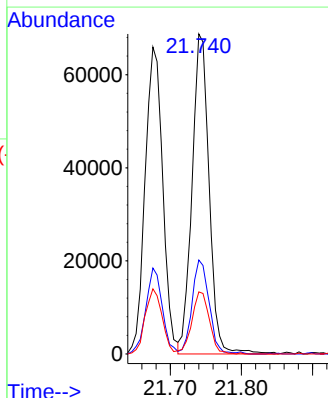
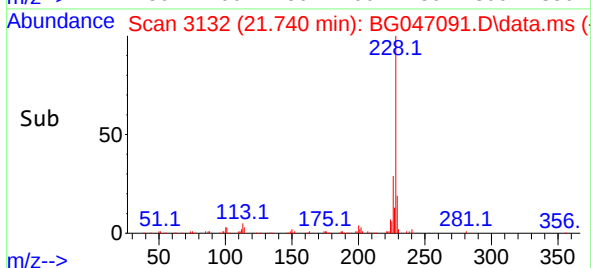
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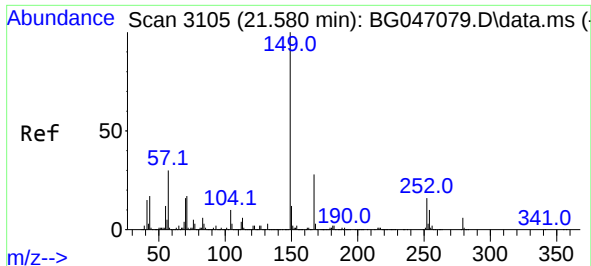


#83
Chrysene
Concen: 6.10 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

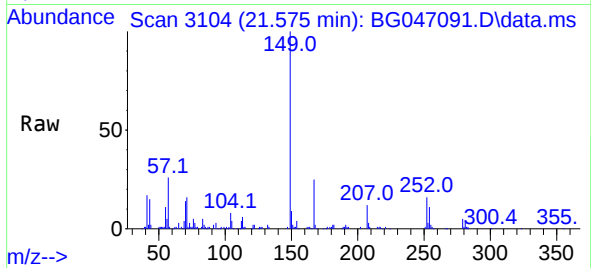


Tgt Ion:228 Resp: 114949
Ion Ratio Lower Upper
228 100
226 29.4 25.0 37.4
229 19.4 17.3 25.9

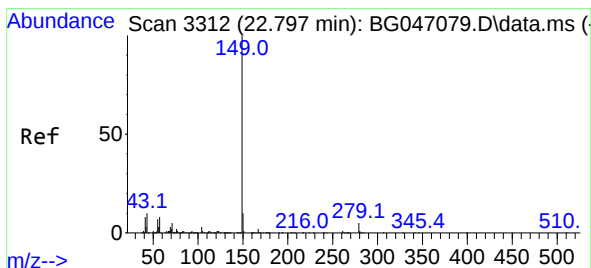
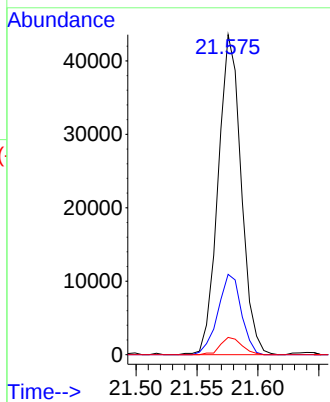
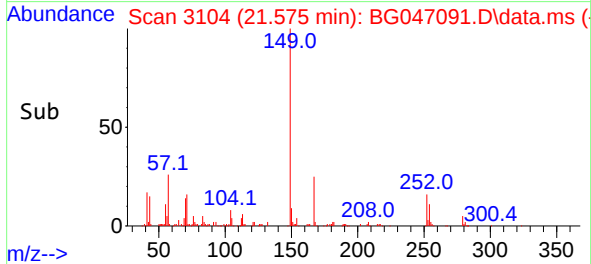




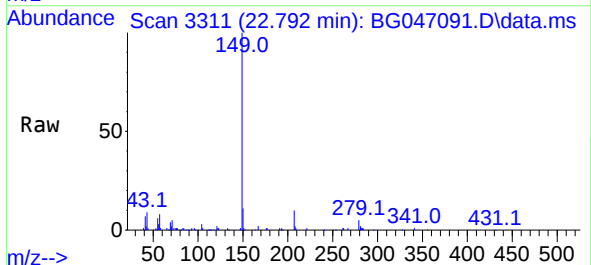
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.52 ng
RT: 21.575 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



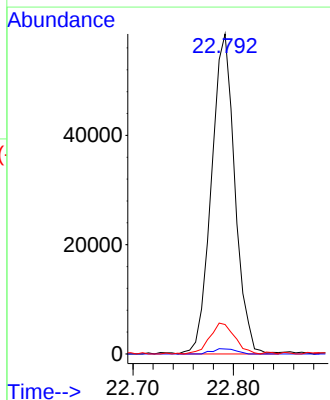
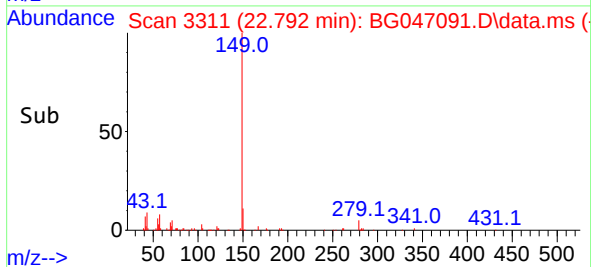
Tgt Ion:149 Resp: 57365
Ion Ratio Lower Upper
149 100
167 25.1 24.8 37.2
279 5.4 4.6 7.0



#85
Di-n-octyl phthalate
Concen: 5.44 ng
RT: 22.792 min Scan# 3311
Delta R.T. -0.005 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



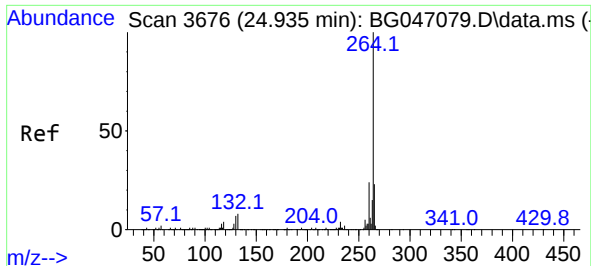
Tgt Ion:149 Resp: 95021
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.3 6.8 10.2#



Instrument :
BNA_G
ClientSampleId :
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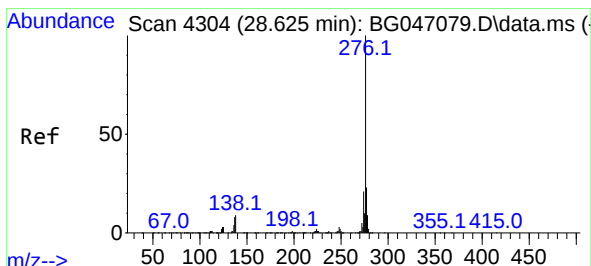
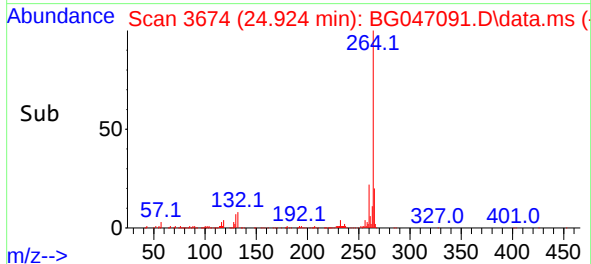
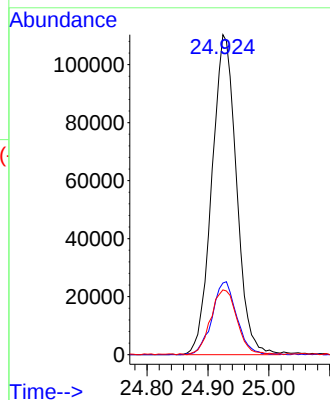
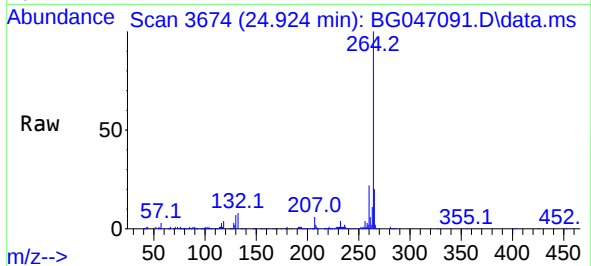
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.924 min Scan# 3674
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	264	Resp:	308904
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.8	28.2
265	20.2	17.8	26.8

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

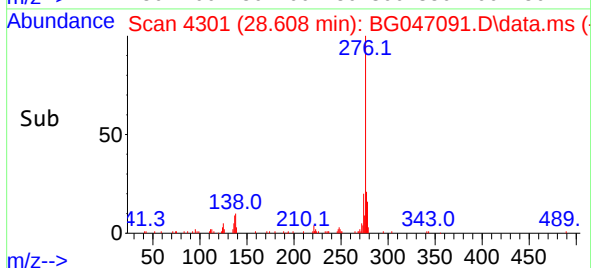
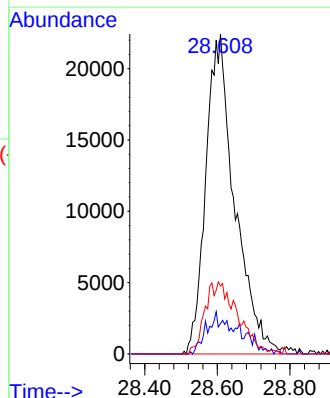
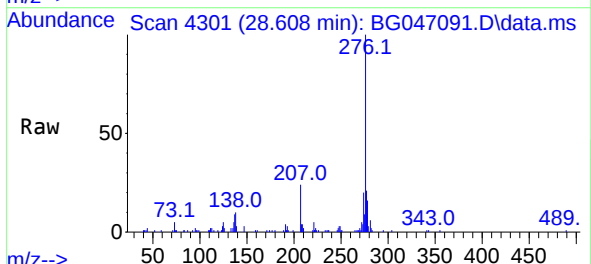
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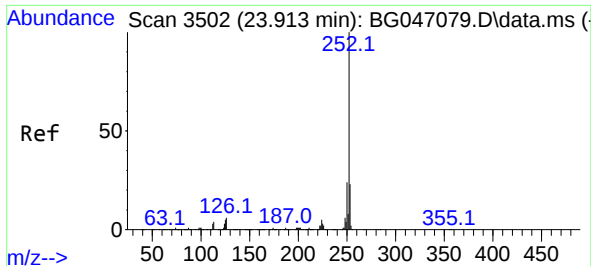
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.48 ng
RT: 28.608 min Scan# 4301
Delta R.T. -0.017 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:	276	Resp:	123571
Ion Ratio	Lower	Upper	
276	100		
138	0.7	16.2	24.2#
277	0.0	20.3	30.5#





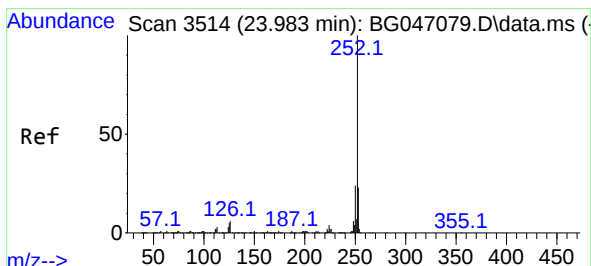
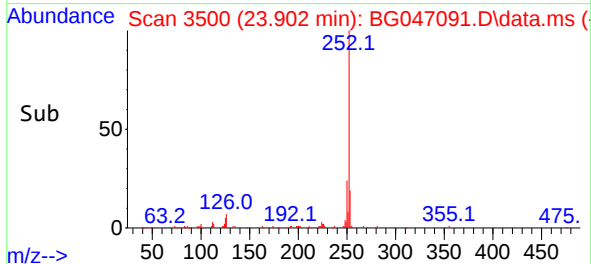
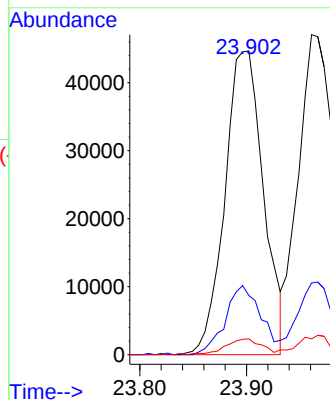
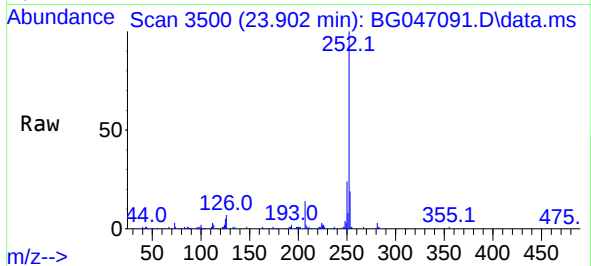
#88
Benzo(b)fluoranthene
Concen: 5.55 ng
RT: 23.902 min Scan# 3500
Delta R.T. -0.011 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:252 Resp: 112113
Ion Ratio Lower Upper
252 100
253 19.5 18.7 28.1
125 5.2 6.5 9.7#

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

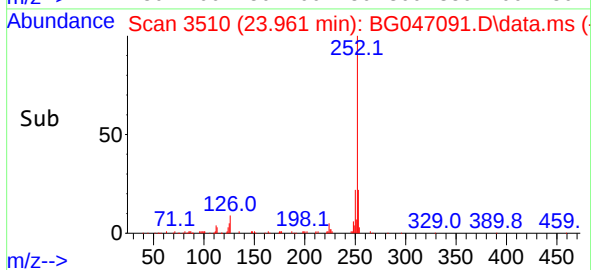
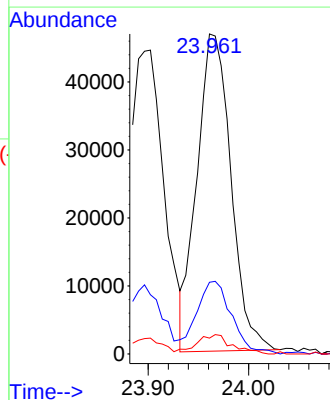
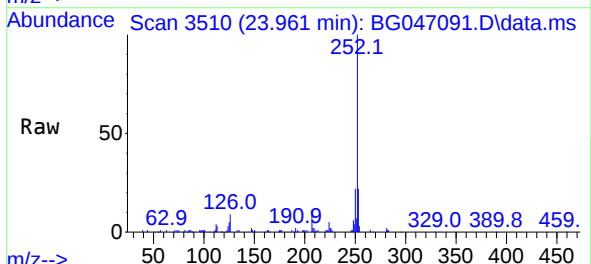
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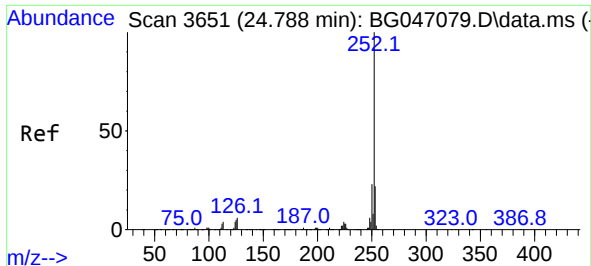
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#89
Benzo(k)fluoranthene
Concen: 5.61 ng
RT: 23.961 min Scan# 3510
Delta R.T. -0.022 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:252 Resp: 110012
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 5.0 6.8 10.2#





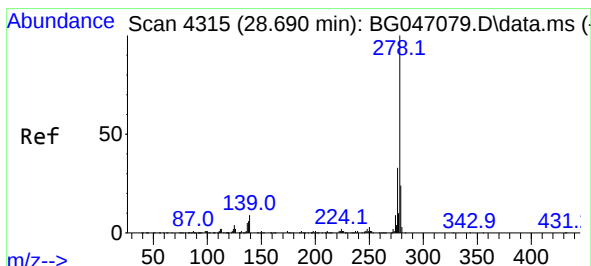
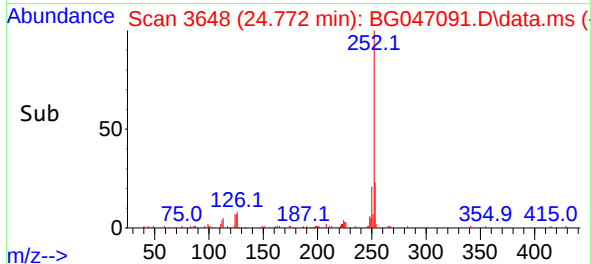
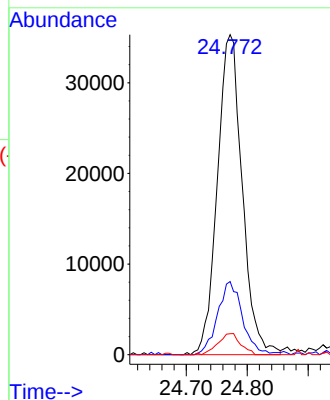
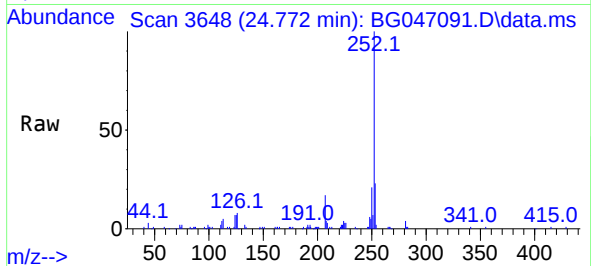
#90
Benzo(a)pyrene
Concen: 5.30 ng
RT: 24.772 min Scan# 3648
Delta R.T. -0.017 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:252 Resp: 99904
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 6.6 7.0 10.4#

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

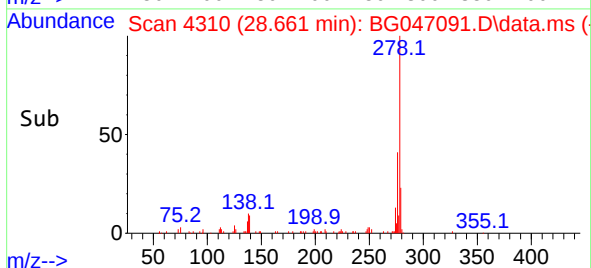
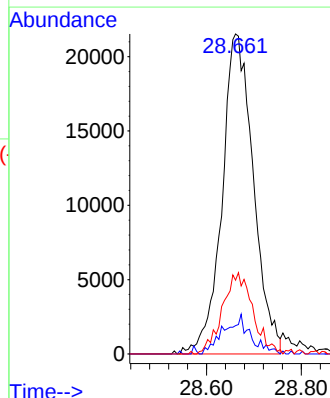
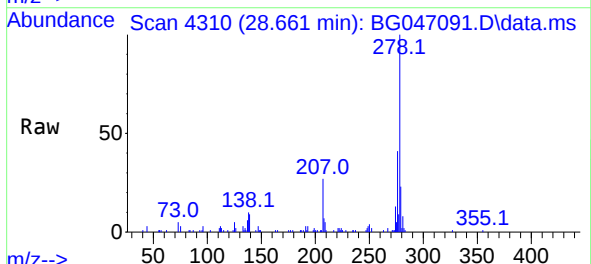
Manual Integrations
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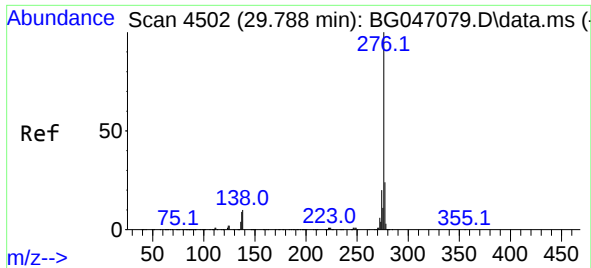
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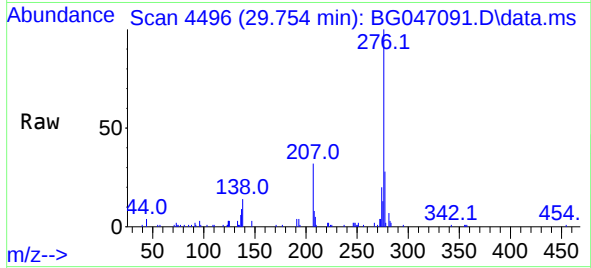
#91
Dibenzo(a,h)anthracene
Concen: 5.39 ng
RT: 28.661 min Scan# 4310
Delta R.T. -0.028 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23

Tgt Ion:278 Resp: 98822
Ion Ratio Lower Upper
278 100
139 8.9 10.5 15.7#
279 23.1 19.4 29.0

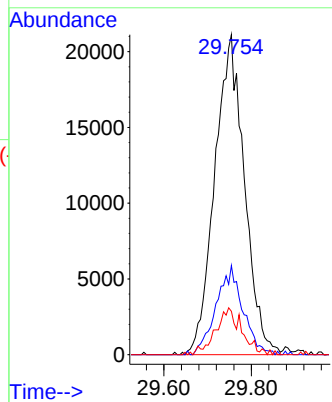
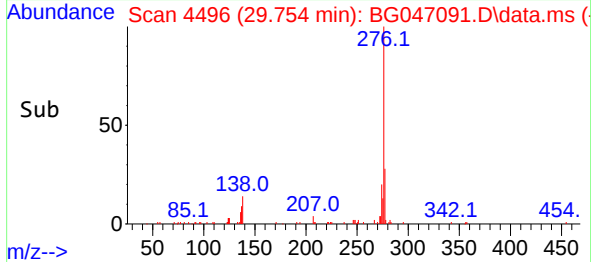




#92
Benzo(g,h,i)perylene
Concen: 5.46 ng
RT: 29.754 min Scan# 4496
Delta R.T. -0.034 min
Lab File: BG047091.D
Acq: 27 Oct 2020 12:23



Tgt Ion:	276	Resp:	99457
Ion Ratio	Lower	Upper	
276	100		
277	27.9	19.6	29.4
138	13.5	13.4	20.2



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

Manual Integrations
APPROVED

mohammad
10/28/2020 8:05:54 AM