

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
 Data File : BG047092.D
 Acq On : 27 Oct 2020 13:02
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 10/28/2020 8:05:57 AM

Quant Time: Oct 27 14:17:14 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	34877	20.00	ng	0.00
21) Naphthalene-d8	10.870	136	141724	20.00	ng	# 0.00
39) Acenaphthene-d10	14.683	164	100136	20.00	ng	0.00
64) Phenanthrene-d10	17.427	188	253048	20.00	ng	# 0.00
76) Chrysene-d12	21.699	240	316895	20.00	ng	# 0.00
86) Perylene-d12	24.930	264	326680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	283954	144.32	ng	0.00
7) Phenol-d6	7.210	99	385866	135.62	ng	0.00
23) Nitrobenzene-d5	9.219	82	318992	107.79	ng	0.00
42) 2,4,6-Tribromophenol	16.170	330	216289	134.76	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	795138	112.27	ng	0.00
79) Terphenyl-d14	20.036	244	1631553	100.11	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.497	88	11743	13.21	ng	# 89
3) Pyridine	3.896	79	30672	12.71	ng	95
4) n-Nitrosodimethylamine	3.814	42	15623	12.22	ng	# 65
6) Aniline	7.374	93	42585	12.66	ng	97
8) 2-Chlorophenol	7.615	128	25159	12.03	ng	90
9) Benzaldehyde	7.186	77	26886	16.87	ng	85
10) Phenol	7.233	94	31426	11.69	ng	80
11) bis(2-Chloroethyl)ether	7.468	93	26577	12.57	ng	96
12) 1,3-Dichlorobenzene	7.944	146	32585	12.22	ng	# 93
13) 1,4-Dichlorobenzene	8.091	146	33191	12.33	ng	93
14) 1,2-Dichlorobenzene	8.408	146	30897	12.11	ng	94
15) Benzyl Alcohol	8.285	79	25686	11.58	ng	# 78
16) 2,2'-oxybis(1-Chloropr...	8.573	45	39623	11.84	ng	92
17) 2-Methylphenol	8.491	107	22175	12.01	ng	# 88
18) Hexachloroethane	9.137	117	11671	11.58	ng	83
19) n-Nitroso-di-n-propyla...	8.855	70	21822	11.26	ng	# 79
20) 3+4-Methylphenols	8.820	107	30115	12.09	ng	94
22) Acetophenone	8.873	105	43438	11.38	ng	# 89
24) Nitrobenzene	9.260	77	34346	11.18	ng	# 88
25) Isophorone	9.777	82	59700	11.28	ng	# 90
26) 2-Nitrophenol	9.977	139	14896	11.17	ng	# 90
27) 2,4-Dimethylphenol	10.024	122	22948	12.60	ng	97
28) bis(2-Chloroethoxy)met...	10.259	93	34527	10.56	ng	# 95
29) 2,4-Dichlorophenol	10.506	162	27763	11.07	ng	98
30) 1,2,4-Trichlorobenzene	10.729	180	34643	11.21	ng	98
31) Naphthalene	10.917	128	88077	11.88	ng	97
32) Benzoic acid	10.101	122	7763m	5.39	ng	
33) 4-Chloroaniline	11.017	127	32723	10.15	ng	# 90
34) Hexachlorobutadiene	11.199	225	24835	10.72	ng	97
35) Caprolactam	11.757	113	8647	10.36	ng	# 90
36) 4-Chloro-3-methylphenol	12.133	107	27847	10.70	ng	90
37) 2-Methylnaphthalene	12.521	142	64697	11.24	ng	# 96
38) 1-Methylnaphthalene	12.733	142	59994	11.00	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.880	216	43639	11.93	ng	# 97
41) Hexachlorocyclopentadiene	12.868	237	25824	12.92	ng	90
43) 2,4,6-Trichlorophenol	13.115	196	25328	10.62	ng	93

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 LOQ-SOIL-02-QT4-2020

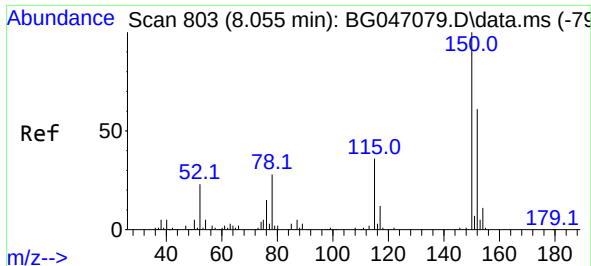
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 12:36:22 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.191	196	26552	10.96	ng	# 93
46) 1,1'-Biphenyl	13.520	154	89351	11.79	ng	95
47) 2-Chloronaphthalene	13.561	162	69162	11.08	ng	97
48) 2-Nitroaniline	13.761	65	20154	9.91	ng	84
49) Acenaphthylene	14.407	152	102665	11.33	ng	98
50) Dimethylphthalate	14.131	163	92590	11.23	ng	97
51) 2,6-Dinitrotoluene	14.249	165	19287	11.21	ng	# 71
52) Acenaphthene	14.748	154	66021	11.16	ng	95
53) 3-Nitroaniline	14.584	138	17749	10.38	ng	# 75
54) 2,4-Dinitrophenol	14.789	184	9371	8.25	ng	# 70
55) Dibenzofuran	15.083	168	111435	11.74	ng	97
56) 4-Nitrophenol	14.883	139	13016	9.73	ng	# 73
57) 2,4-Dinitrotoluene	15.036	165	27515	11.13	ng	# 83
58) Fluorene	15.729	166	87268	11.39	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.306	232	29758	11.57	ng	# 97
60) Diethylphthalate	15.488	149	94229	11.46	ng	93
61) 4-Chlorophenyl-phenyle...	15.723	204	54120	11.84	ng	98
62) 4-Nitroaniline	15.741	138	20471	11.15	ng	# 64
63) Azobenzene	16.017	77	88888	12.17	ng	90
65) 4,6-Dinitro-2-methylph...	15.806	198	16720	10.74	ng	88
66) n-Nitrosodiphenylamine	15.935	169	82846	11.41	ng	98
67) 4-Bromophenyl-phenylether	16.616	248	36140	10.86	ng	99
68) Hexachlorobenzene	16.734	284	37155	10.58	ng	91
69) Atrazine	16.875	200	34117	11.42	ng	89
70) Pentachlorophenol	17.081	266	21398	10.45	ng	98
71) Phenanthrene	17.468	178	155052	11.47	ng	98
72) Anthracene	17.562	178	157648	11.90	ng	95
73) Carbazole	17.827	167	138520	11.76	ng	97
74) Di-n-butylphthalate	18.385	149	177779	12.21	ng	# 98
75) Fluoranthene	19.478	202	216298	12.45	ng	97
77) Benzidine	19.654	184	104820	14.48	ng	97
78) Pyrene	19.836	202	225497	11.16	ng	97
80) Butylbenzylphthalate	20.718	149	79255	10.24	ng	95
81) Benzo(a)anthracene	21.675	228	234477	11.29	ng	97
82) 3,3'-Dichlorobenzidine	21.593	252	90912	12.07	ng	91
83) Chrysene	21.740	228	229721	11.62	ng	97
84) Bis(2-ethylhexyl)phtha...	21.575	149	116789	10.70	ng	# 94
85) Di-n-octyl phthalate	22.792	149	197915	10.79	ng	96
87) Indeno(1,2,3-cd)pyrene	28.602	276	254325	10.66	ng	# 86
88) Benzo(b)fluoranthene	23.896	252	236575	11.08	ng	# 94
89) Benzo(k)fluoranthene	23.967	252	230568	11.12	ng	# 95
90) Benzo(a)pyrene	24.772	252	206947	10.37	ng	# 97
91) Dibenzo(a,h)anthracene	28.673	278	214517	11.07	ng	# 91
92) Benzo(g,h,i)perylene	29.754	276	212933	11.06	ng	# 92

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



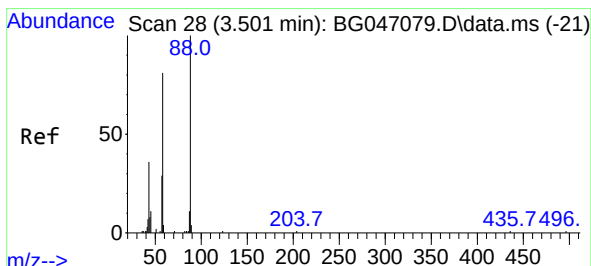
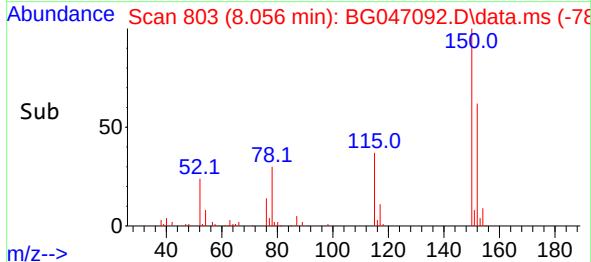
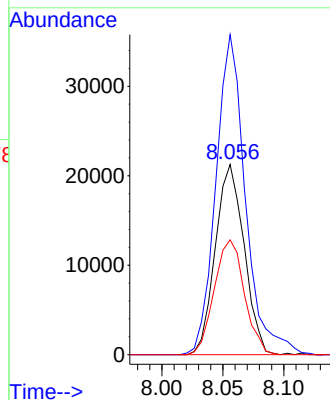
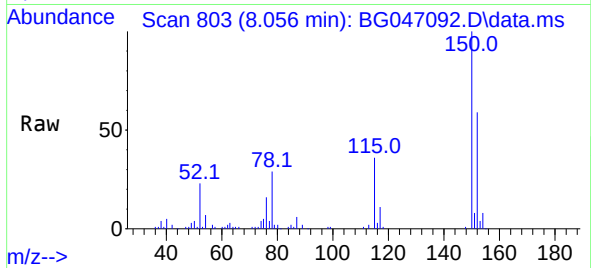
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 152 Resp: 34877
Ion Ratio Lower Upper
152 100
150 168.1 125.0 187.6
115 60.3 41.8 62.6

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

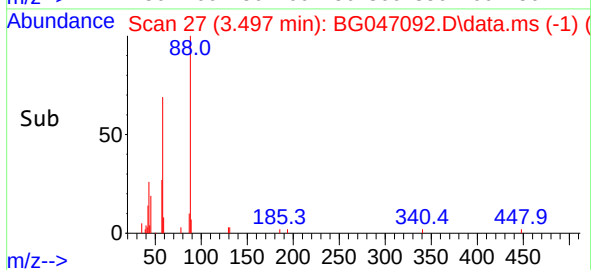
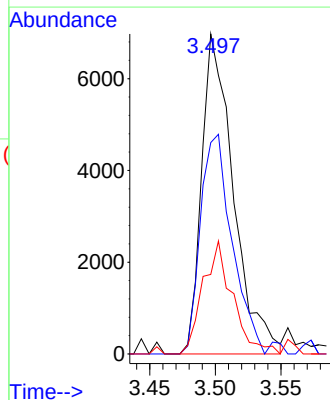
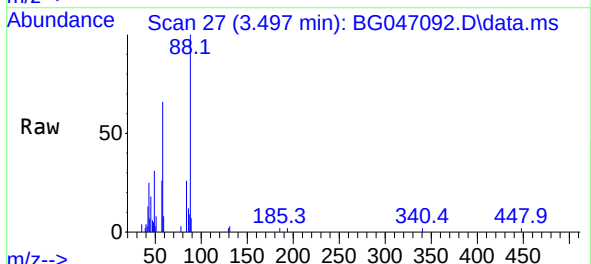
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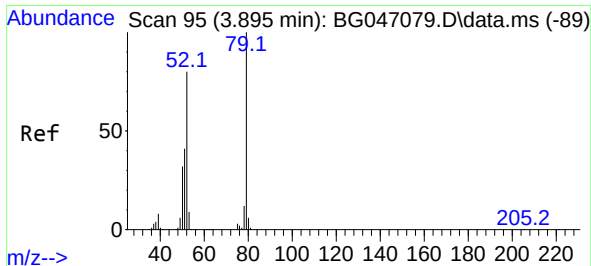
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#2
1,4-Dioxane
Concen: 13.21 ng
RT: 3.497 min Scan# 27
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 88 Resp: 11743
Ion Ratio Lower Upper
88 100
58 68.3 61.6 92.4
43 32.9 21.3 31.9#





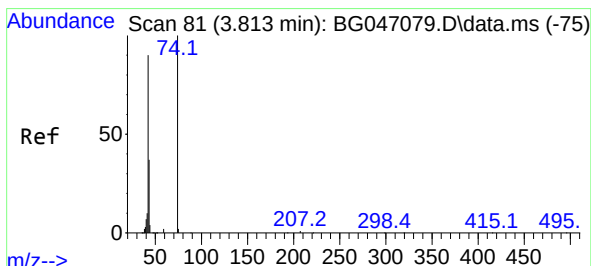
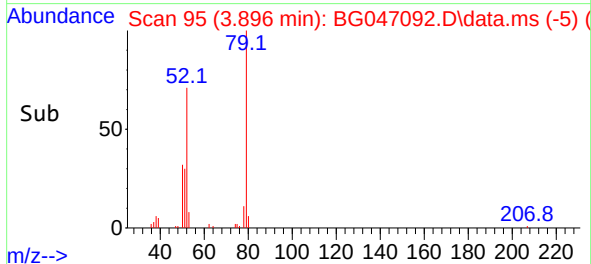
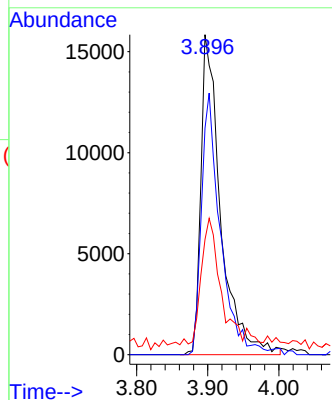
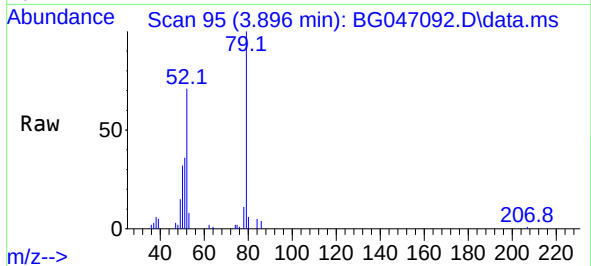
#3
Pyridine
Concen: 12.71 ng
RT: 3.896 min Scan# 95
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:	79	Resp:	30672
Ion Ratio	Lower	Upper	
79	100		
52	70.7	61.3	91.9
51	36.0	28.4	42.6

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

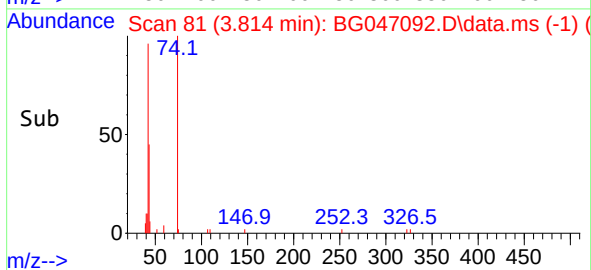
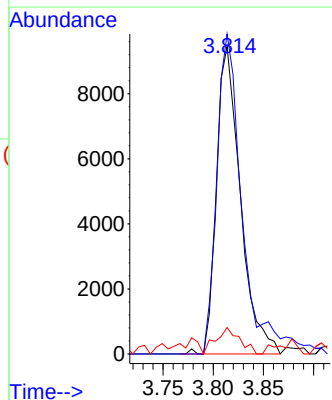
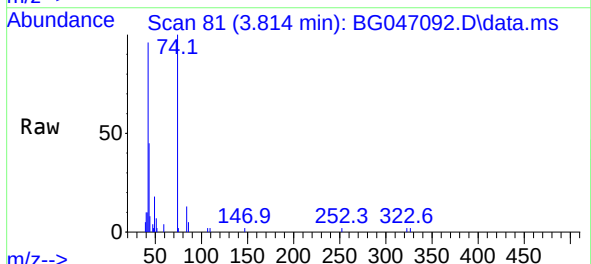
Manual Integrations
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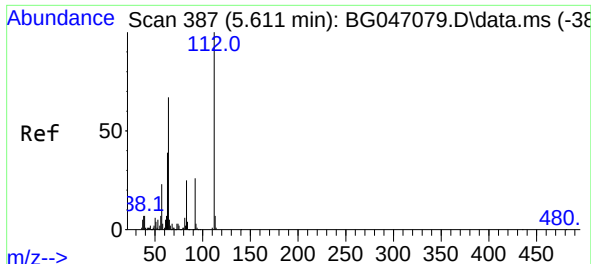
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#4
n-Nitrosodimethylamine
Concen: 12.22 ng
RT: 3.814 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

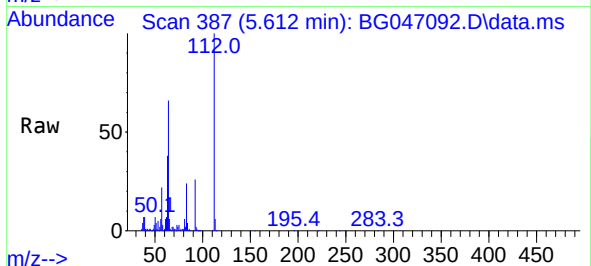
Tgt Ion:	42	Resp:	15623
Ion Ratio	Lower	Upper	
42	100		
74	104.1	120.4	180.6
44	8.6	6.2	9.2





#5
2-Fluorophenol
Concen: 144.32 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

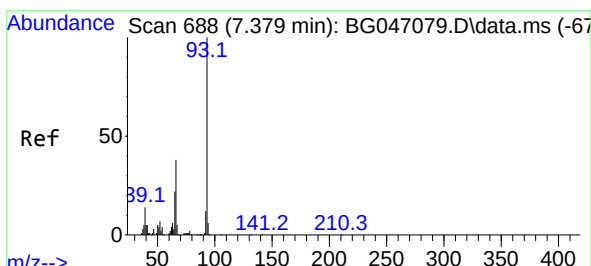
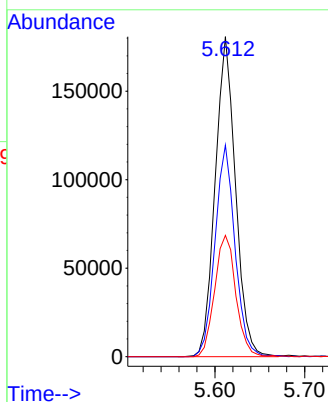
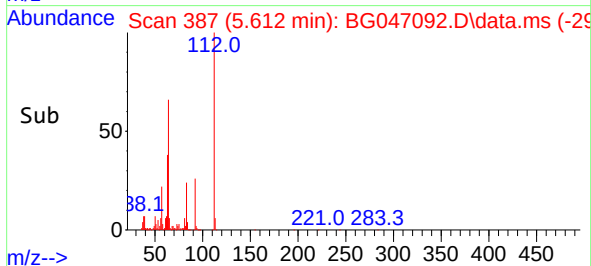
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT4-2020



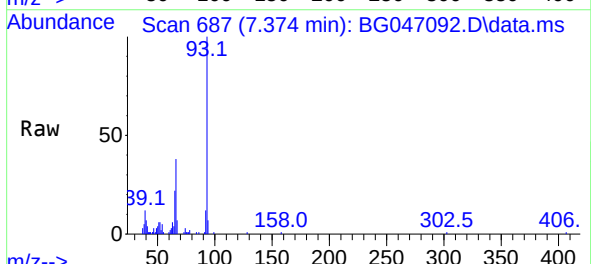
Tgt Ion:112 Resp: 283954
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 37.9 22.8 34.2#

Manual Integrations
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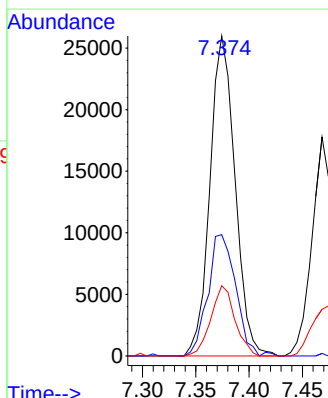
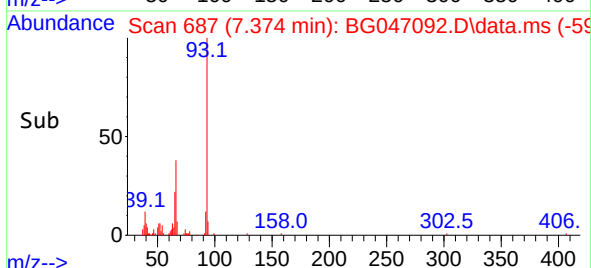
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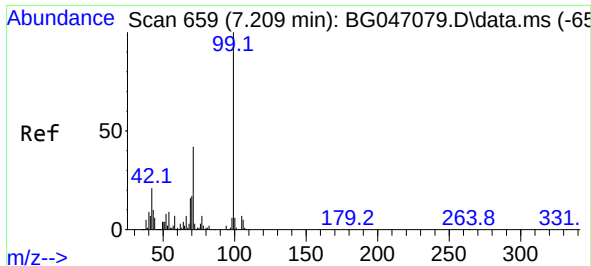


#6
Aniline
Concen: 12.66 ng
RT: 7.374 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion: 93 Resp: 42585
Ion Ratio Lower Upper
93 100
66 37.9 29.5 44.3
65 22.0 15.5 23.3





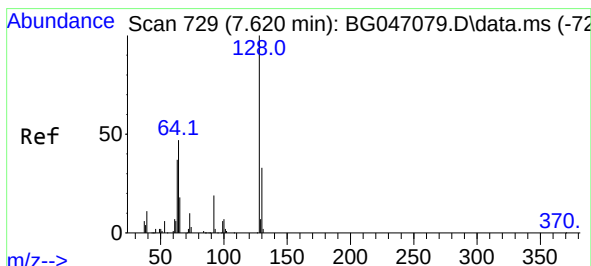
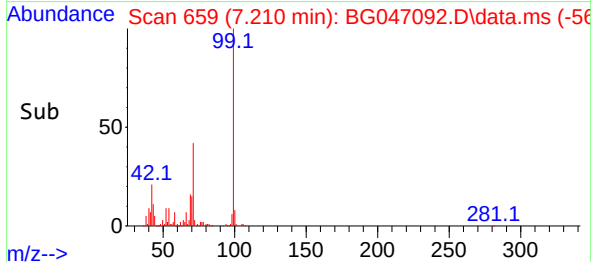
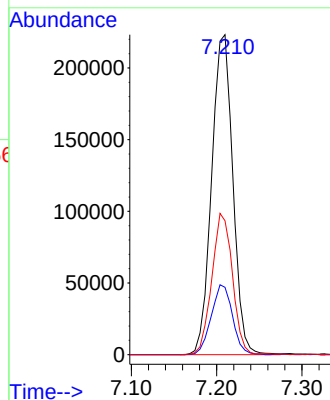
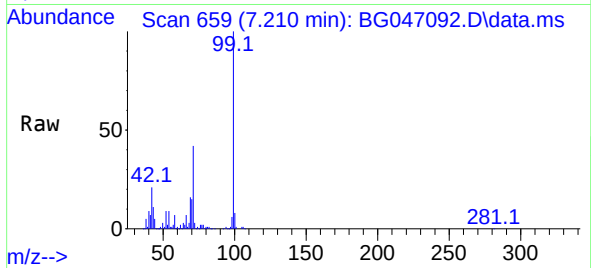
#7
Phenol-d6
Concen: 135.62 ng
RT: 7.210 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 99 Resp: 385866
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 41.9 24.6 36.8#

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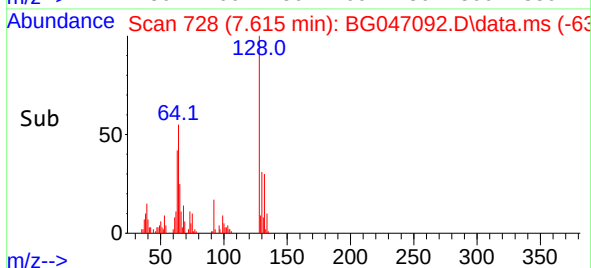
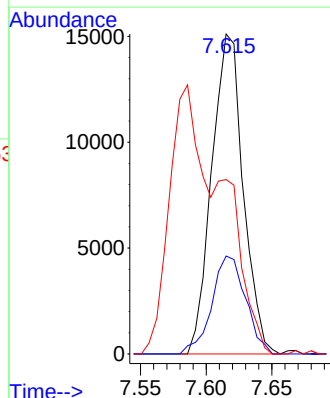
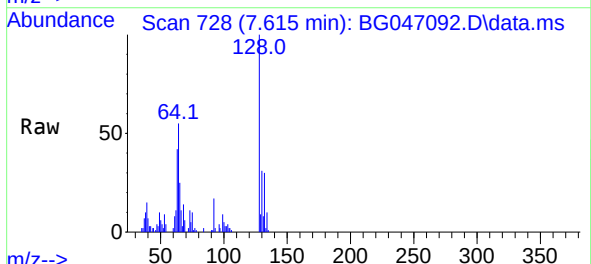
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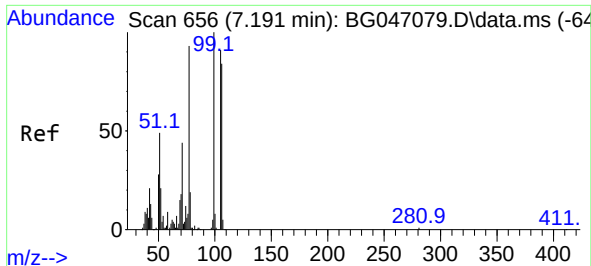
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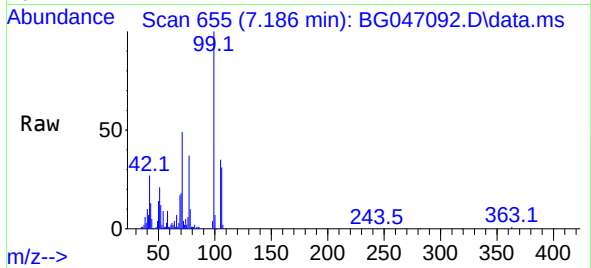
#8
2-Chlorophenol
Concen: 12.03 ng
RT: 7.615 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 128 Resp: 25159
Ion Ratio Lower Upper
128 100
130 30.6 12.6 52.6
64 54.5 24.8 64.8

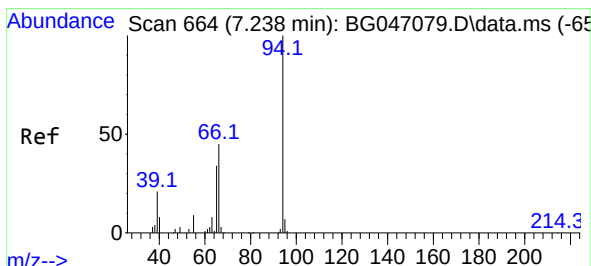
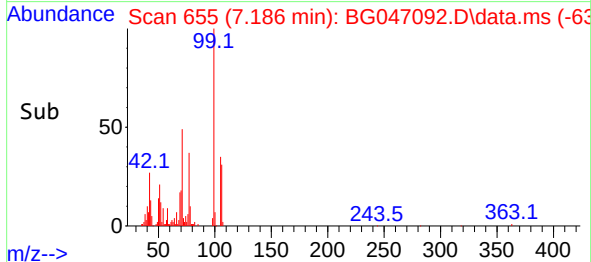
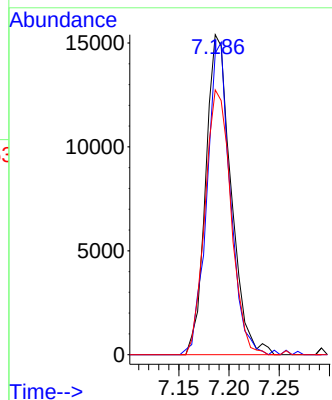




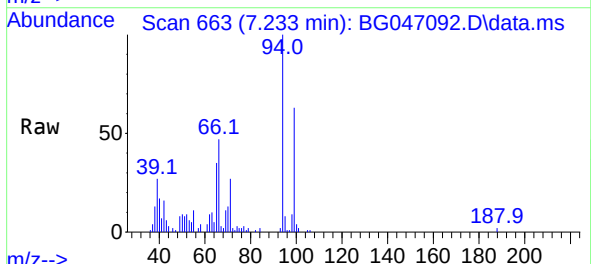
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Benzaldehyde
Concen: 16.87 ng
RT: 7.186 min Scan# 655
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



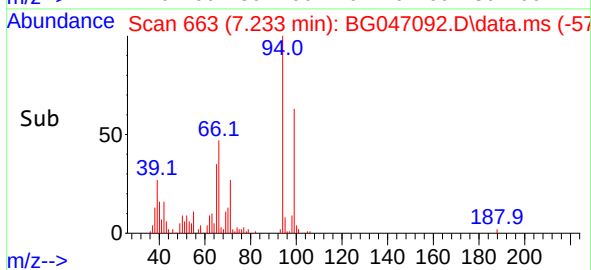
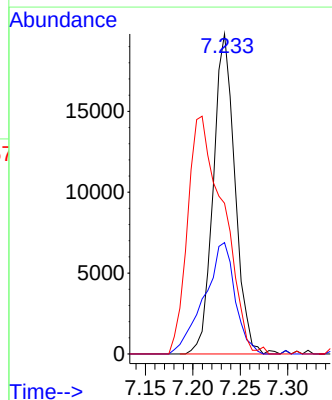
Tgt Ion: 77 Resp: 26886
Ion Ratio Lower Upper
77 100
105 94.2 85.9 125.9
106 82.8 80.9 120.9



#10
Phenol
Concen: 11.69 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



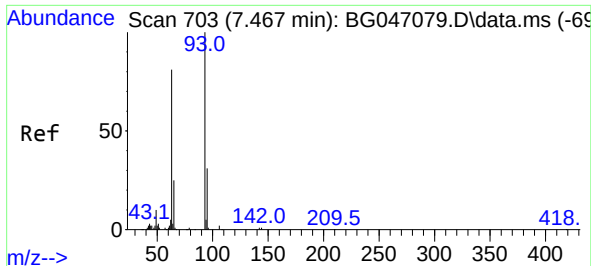
Tgt Ion: 94 Resp: 31426
Ion Ratio Lower Upper
94 100
65 34.8 6.6 46.6
66 47.1 13.9 53.9



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

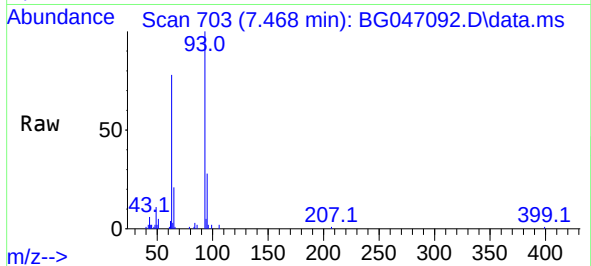
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#11
bis(2-Chloroethyl)ether
Concen: 12.57 ng
RT: 7.468 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

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

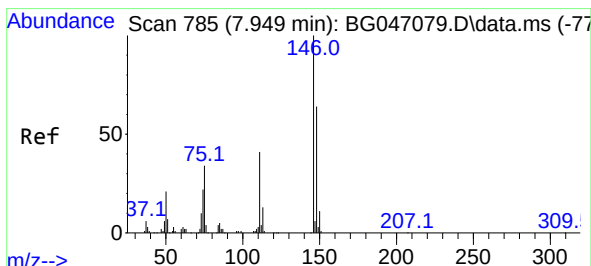
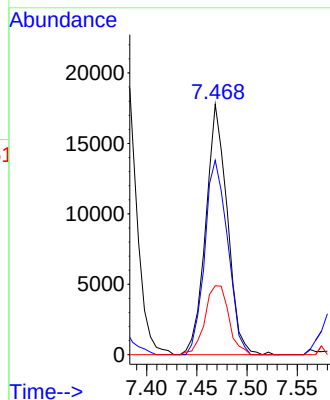


Tgt Ion: 93 Resp: 26577

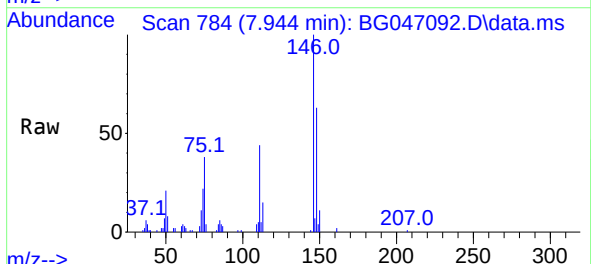
Ion	Ratio	Lower	Upper
93	100		
63	77.7	56.4	96.4
95	27.6	13.8	53.8

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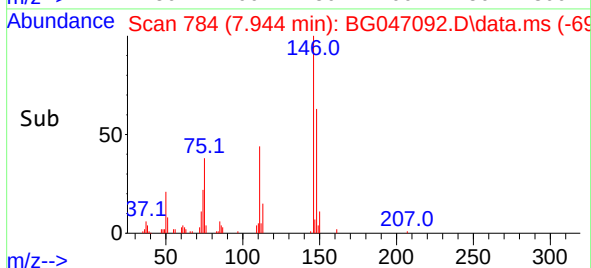
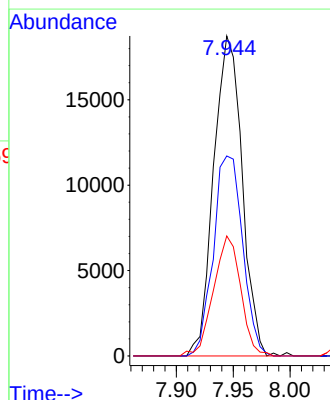


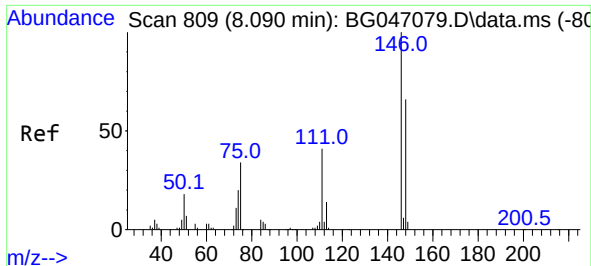
#12
1,3-Dichlorobenzene
Concen: 12.22 ng
RT: 7.944 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



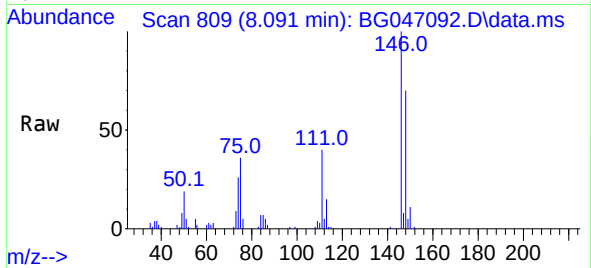
Tgt Ion: 146 Resp: 32585

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.1	75.1
75	37.5	20.1	30.1

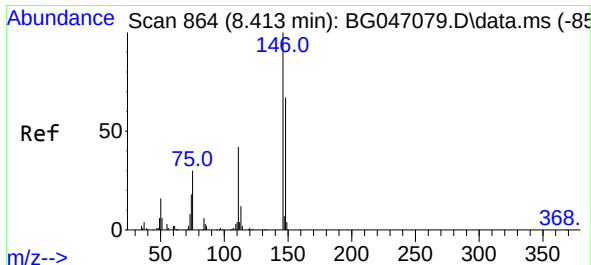
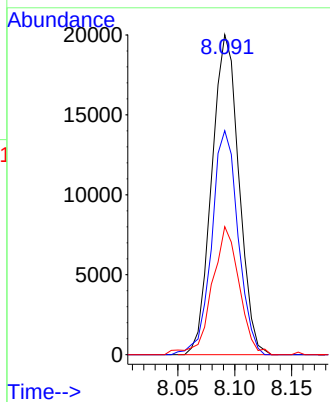
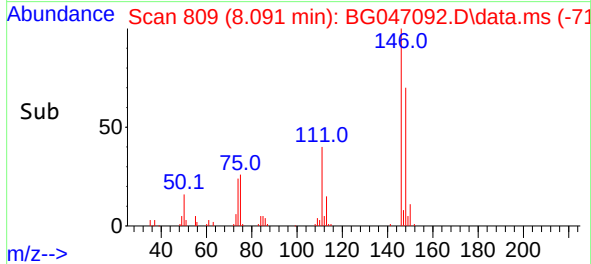




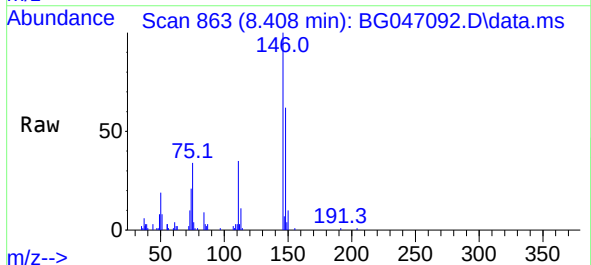
#13
1,4-Dichlorobenzene
Concen: 12.33 ng
RT: 8.091 min Scan# 809
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



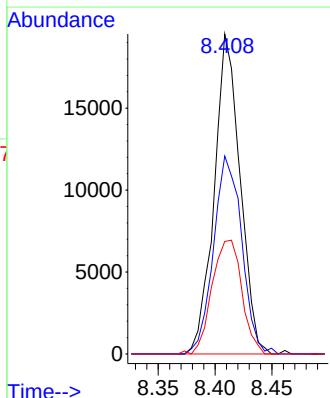
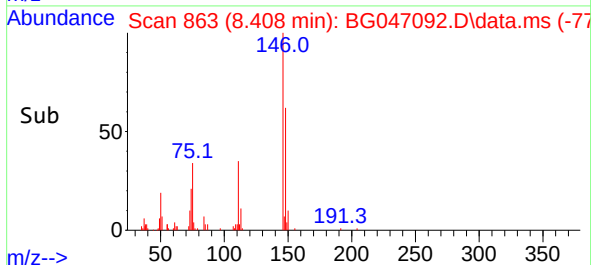
Tgt Ion:146 Resp: 33191
Ion Ratio Lower Upper
146 100
148 70.0 51.1 76.7
111 40.0 29.7 44.5



#14
1,2-Dichlorobenzene
Concen: 12.11 ng
RT: 8.408 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



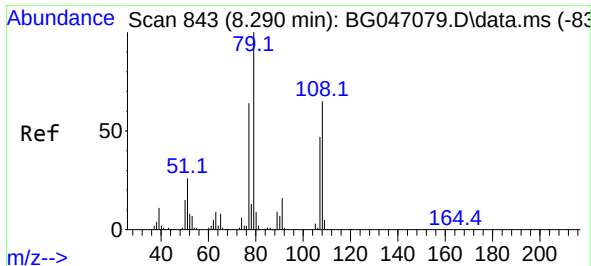
Tgt Ion:146 Resp: 30897
Ion Ratio Lower Upper
146 100
148 61.8 53.0 79.6
111 35.1 30.7 46.1



Instrument :
BNA_G
ClientSampleId :
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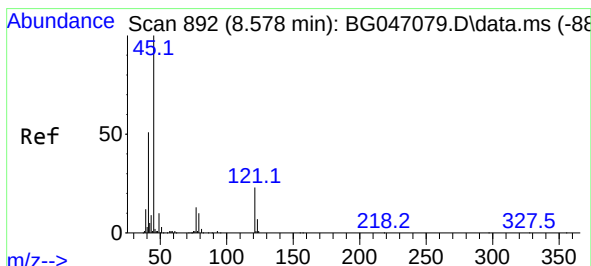
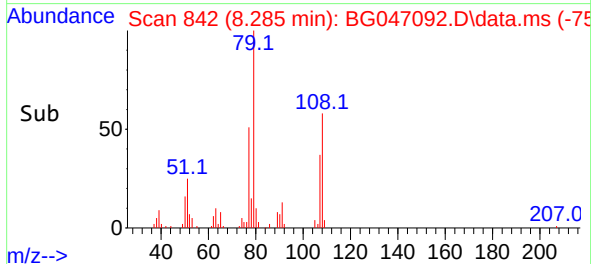
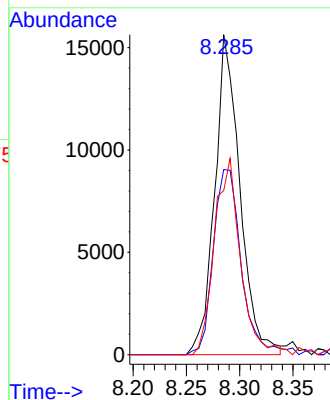
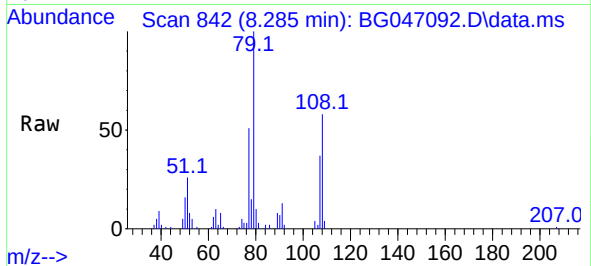
#15
Benzyl Alcohol
Concen: 11.58 ng
RT: 8.285 min Scan# 842
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 79 Resp: 25686
Ion Ratio Lower Upper
79 100
108 57.8 65.5 98.3#
77 51.3 50.1 75.1

Instrument :
BNA_G
ClientSampleId :
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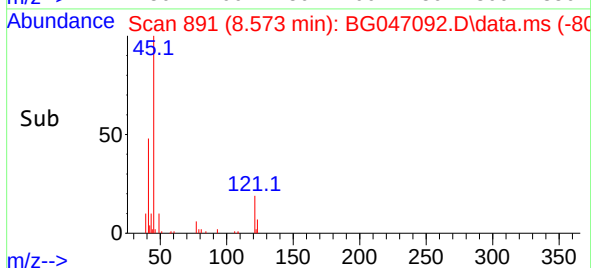
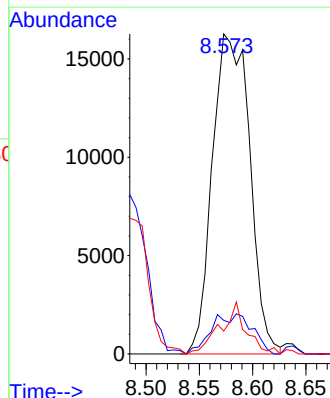
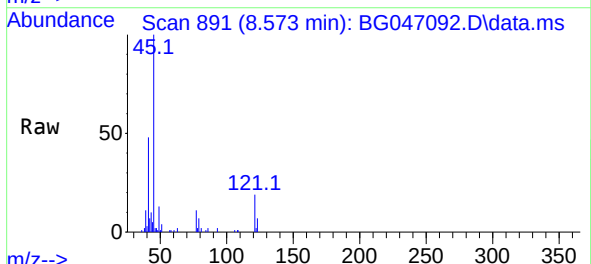
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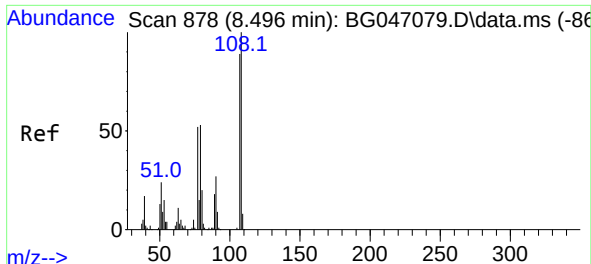
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.84 ng
RT: 8.573 min Scan# 891
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

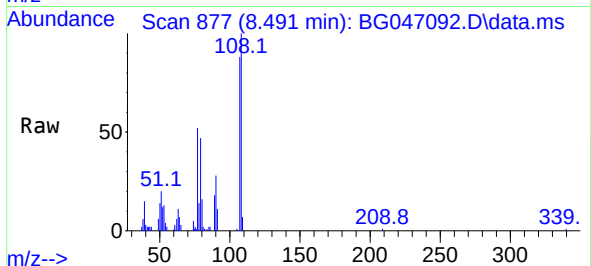
Tgt Ion: 45 Resp: 39623
Ion Ratio Lower Upper
45 100
77 10.5 0.0 33.4
79 7.1 0.0 30.8





#17
2-Methylphenol
Concen: 12.01 ng
RT: 8.491 min Scan# 877
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

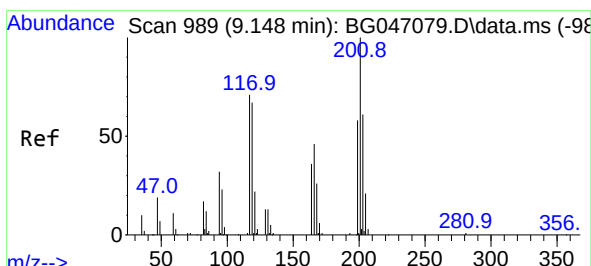
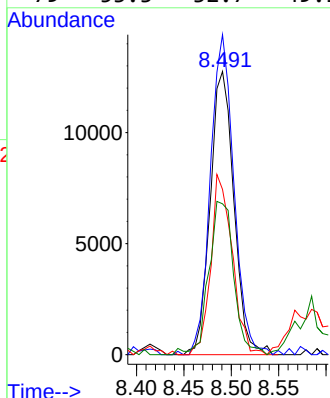
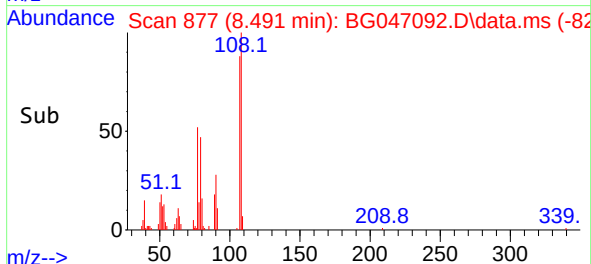
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



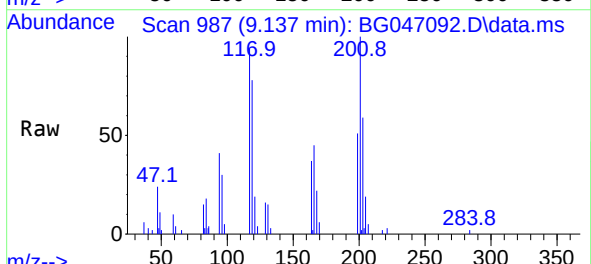
Tgt Ion:	107	Resp:	22175
Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.2	130.8
77	58.4	33.8	50.8#
79	53.3	32.7	49.1#

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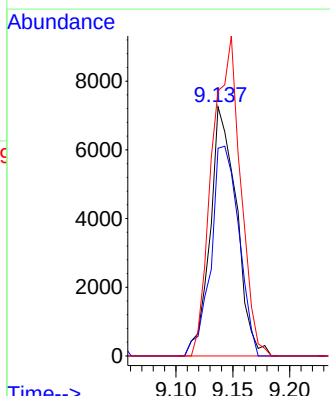
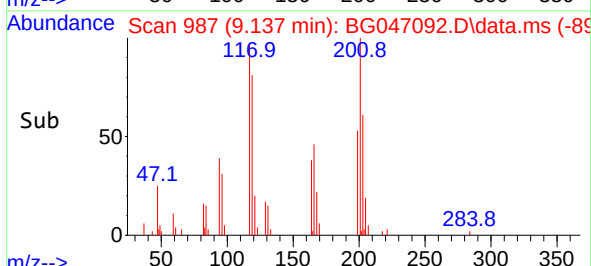
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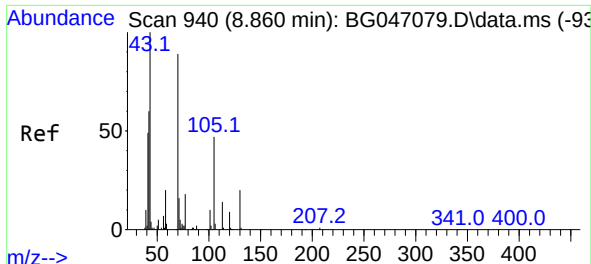


#18
Hexachloroethane
Concen: 11.58 ng
RT: 9.137 min Scan# 987
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

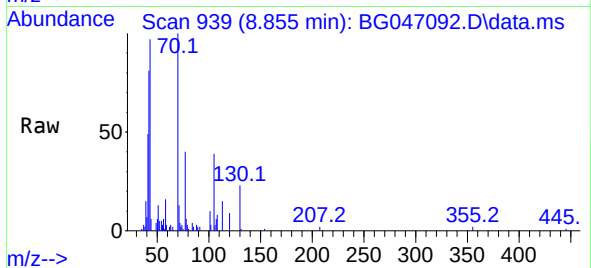


Tgt Ion:	117	Resp:	11671
Ion	Ratio	Lower	Upper
117	100		
119	83.3	77.5	116.3
201	109.0	104.9	157.3

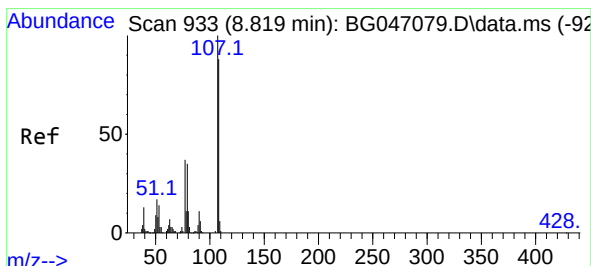
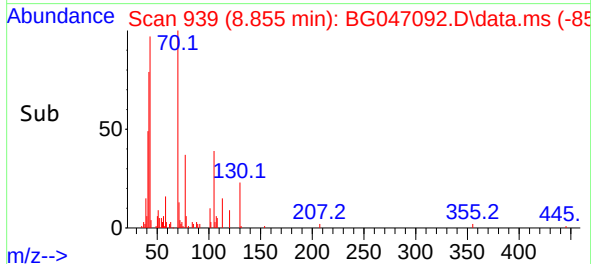
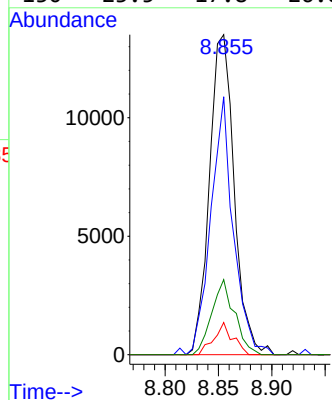




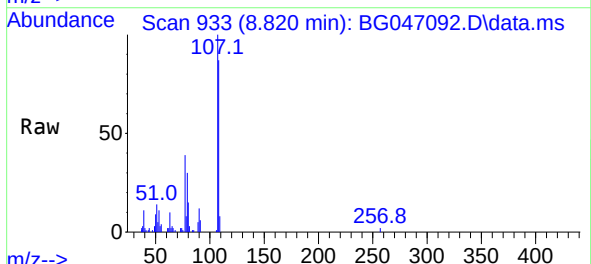
#19
n-Nitroso-di-n-propylamine
Concen: 11.26 ng
RT: 8.855 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



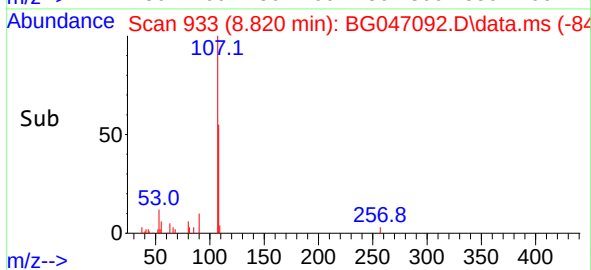
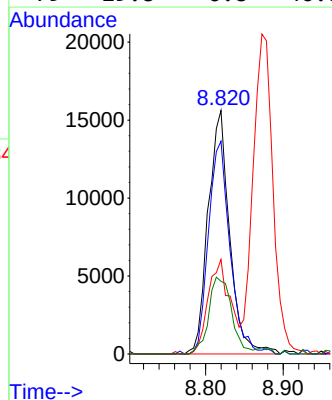
Tgt Ion: 70 Resp: 21822
Ion Ratio Lower Upper
70 100
42 80.6 45.6 68.4#
101 10.0 8.4 12.6
130 23.5 17.8 26.8



#20
3+4-Methylphenols
Concen: 12.09 ng
RT: 8.820 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



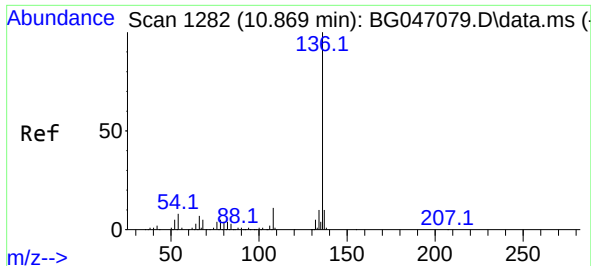
Tgt Ion: 107 Resp: 30115
Ion Ratio Lower Upper
107 100
108 87.4 70.6 110.6
77 38.8 10.2 50.2
79 29.8 6.8 46.8



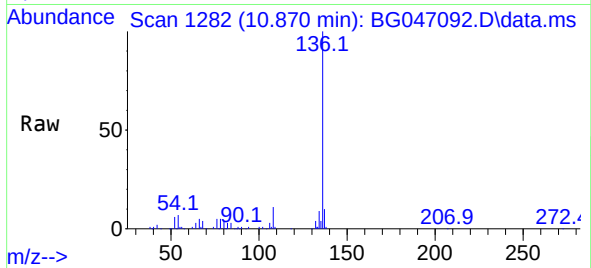
Instrument :
BNA_G
ClientSampleId :
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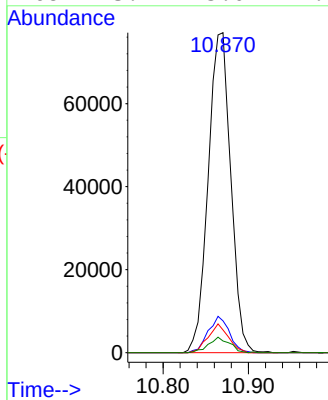
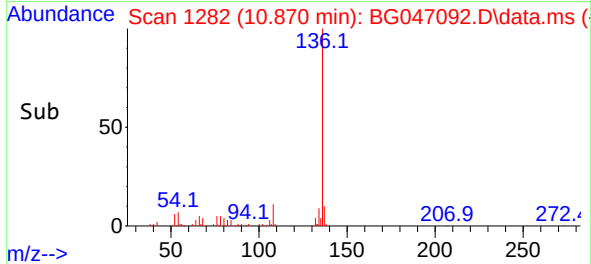
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.870 min Scan# 1282
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



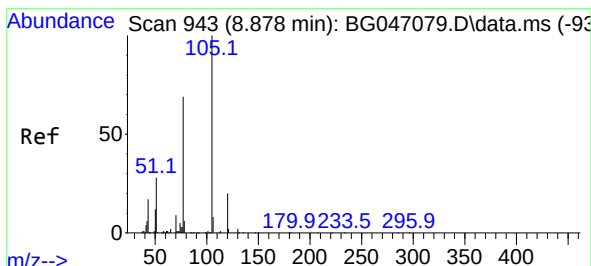
Tgt Ion:	136	Resp:	141724
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.1	13.7
54	7.1	6.2	9.4
68	3.7	5.0	7.4#



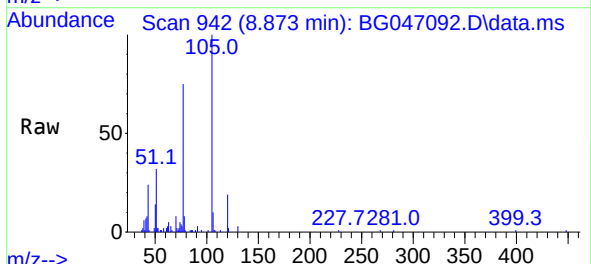
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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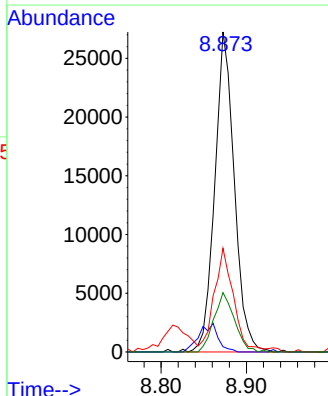
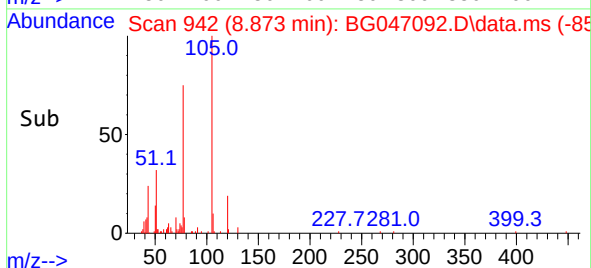
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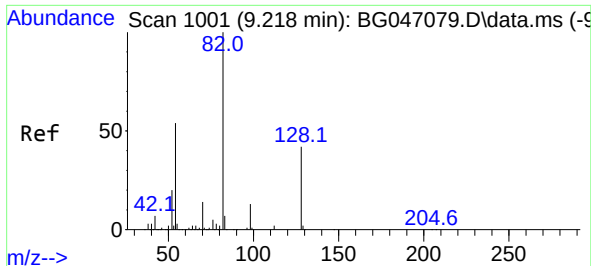


#22
Acetophenone
Concen: 11.38 ng
RT: 8.873 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:	105	Resp:	43438
Ion Ratio	Lower	Upper	
105	100		
71	1.6	2.7	4.1#
51	32.4	21.0	31.6#
120	18.6	19.3	28.9#





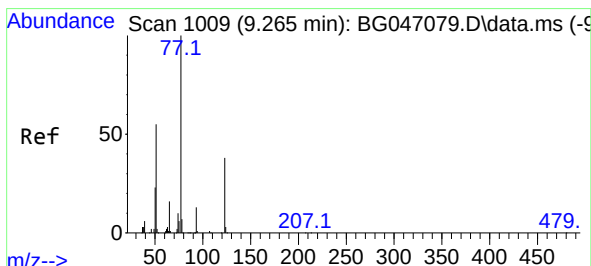
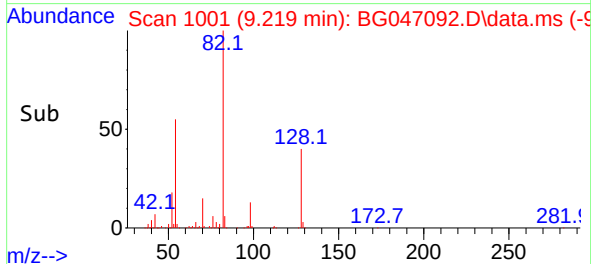
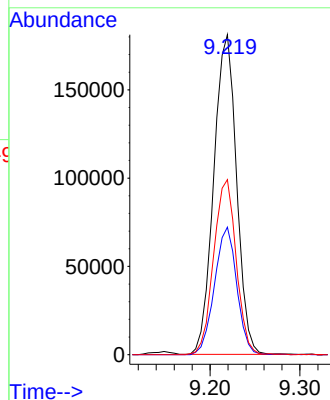
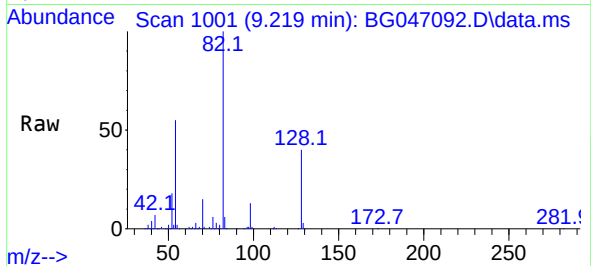
#23
Nitrobenzene-d5
Concen: 107.79 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 82 Resp: 318992
Ion Ratio Lower Upper
82 100
128 39.9 37.0 55.6
54 54.7 39.0 58.4

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

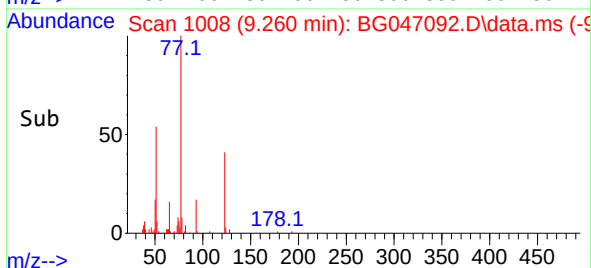
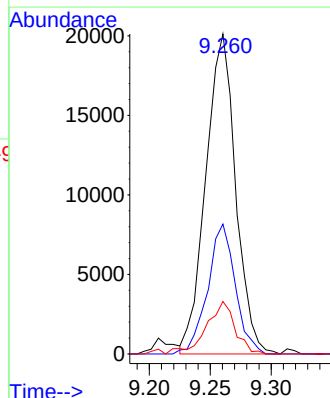
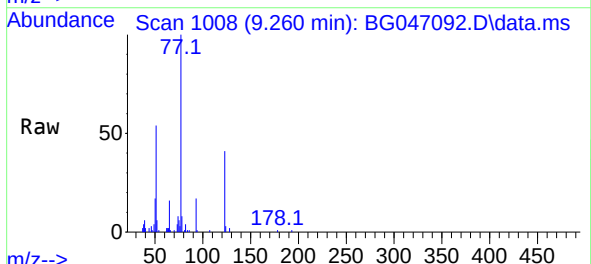
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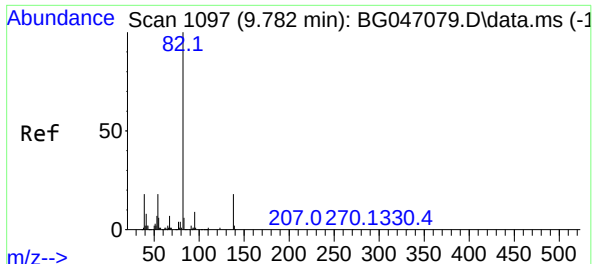
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#24
Nitrobenzene
Concen: 11.18 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 77 Resp: 34346
Ion Ratio Lower Upper
77 100
123 40.6 39.7 59.5
65 16.4 10.4 15.6#





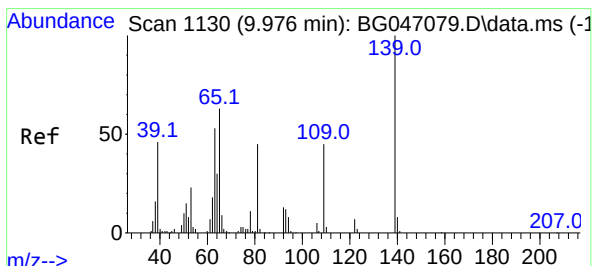
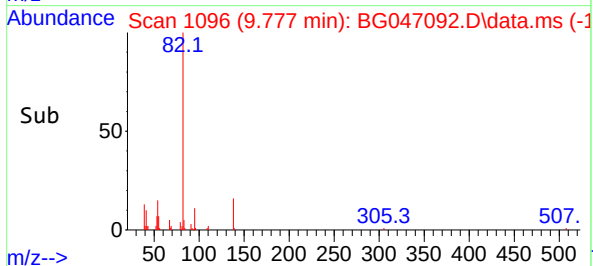
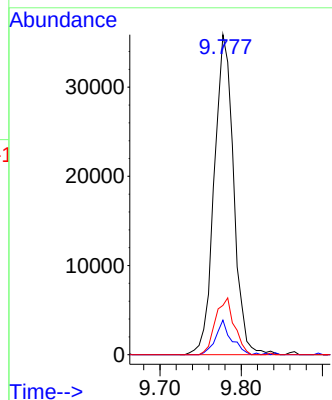
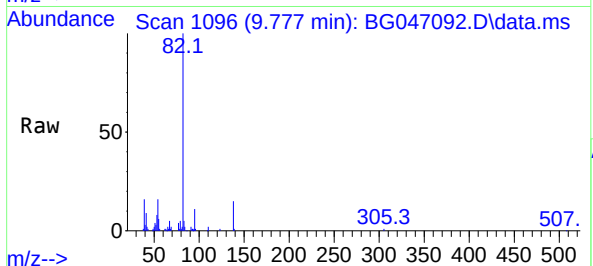
#25
Isophorone
Concen: 11.28 ng
RT: 9.777 min Scan# 1096
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 82 Resp: 59700
Ion Ratio Lower Upper
82 100
95 10.8 5.6 8.4#
138 15.4 15.8 23.6#

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

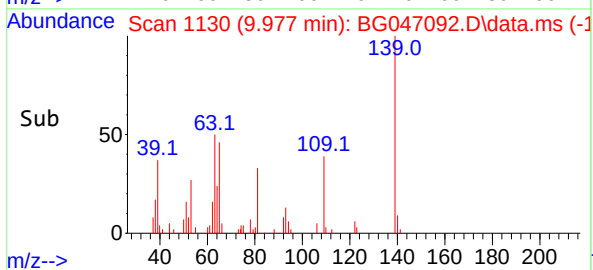
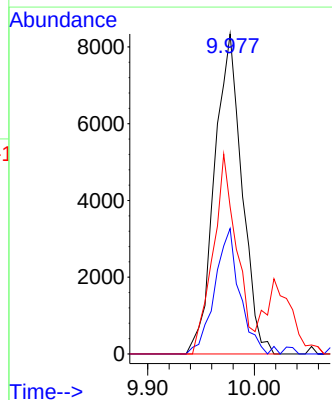
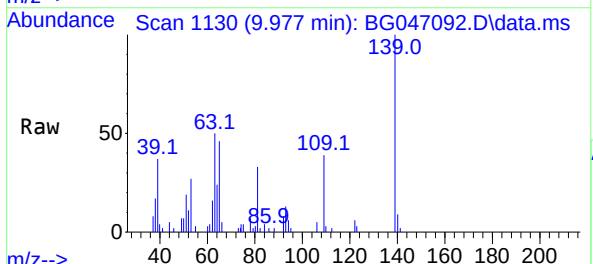
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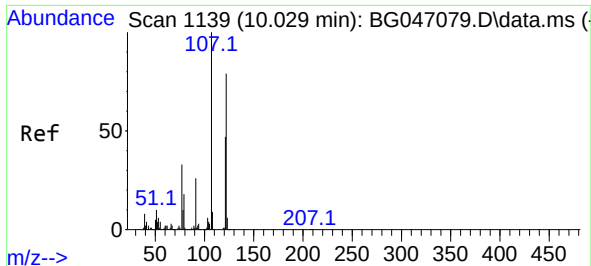
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#26
2-Nitrophenol
Concen: 11.17 ng
RT: 9.977 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 139 Resp: 14896
Ion Ratio Lower Upper
139 100
109 39.2 20.7 31.1#
65 46.0 36.1 54.1





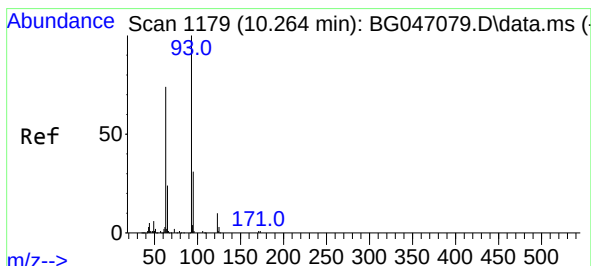
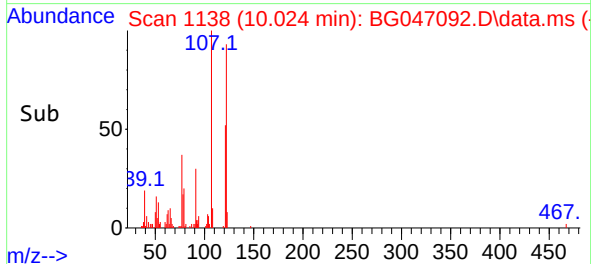
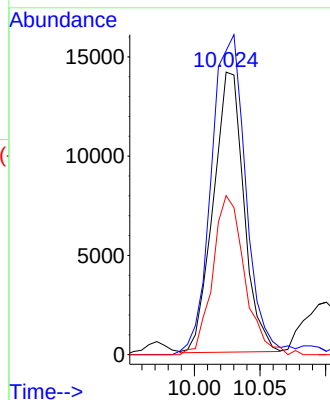
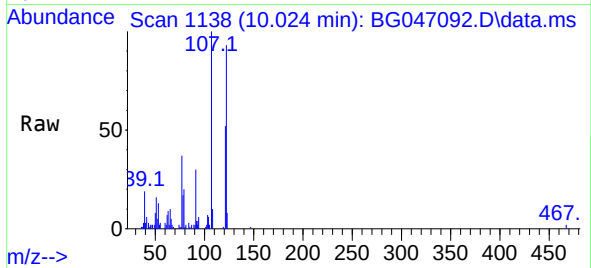
#27
2,4-Dimethylphenol
Concen: 12.60 ng
RT: 10.024 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:122 Resp: 22948
Ion Ratio Lower Upper
122 100
107 107.6 89.2 133.8
121 56.3 46.9 70.3

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

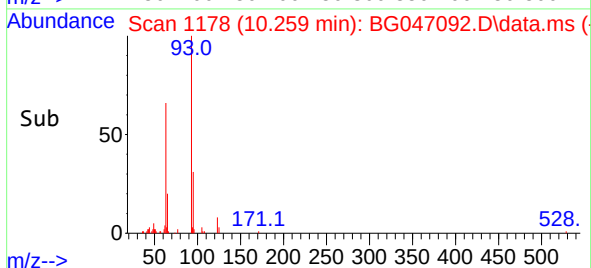
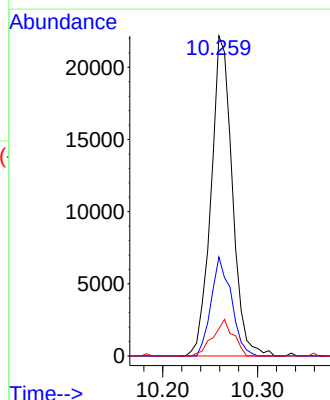
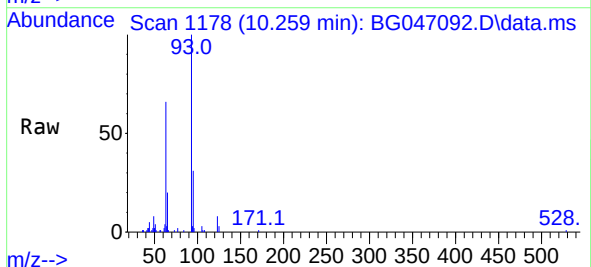
Manual Integrations
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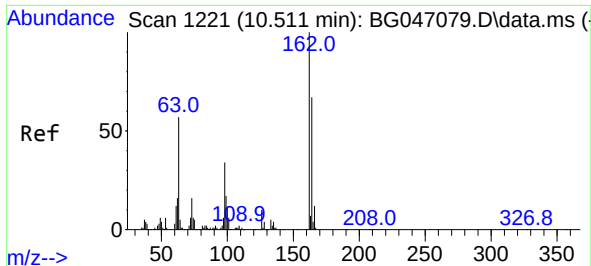
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 10.56 ng
RT: 10.259 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 93 Resp: 34527
Ion Ratio Lower Upper
93 100
95 30.9 26.5 39.7
123 8.5 9.4 14.0#





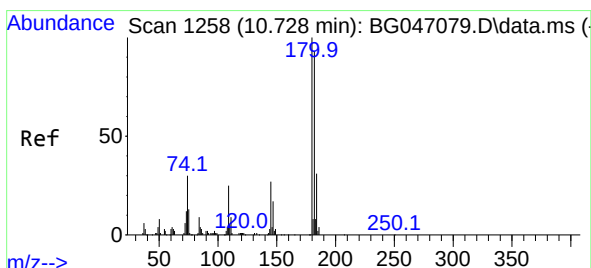
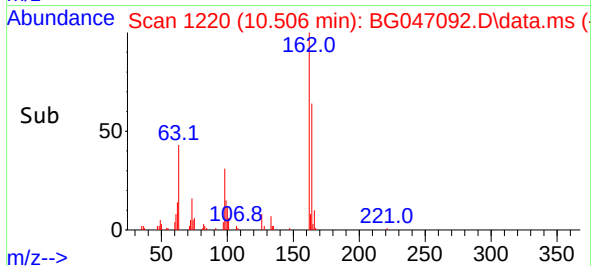
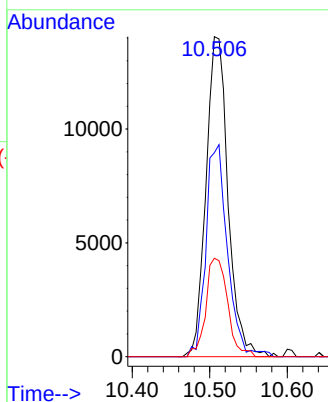
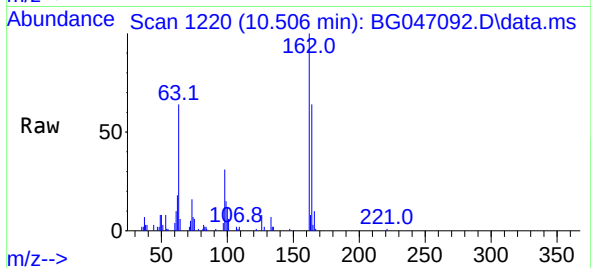
#29
2,4-Dichlorophenol
Concen: 11.07 ng
RT: 10.506 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:162 Resp: 27763
Ion Ratio Lower Upper
162 100
164 63.7 45.6 85.6
98 30.8 11.0 51.0

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

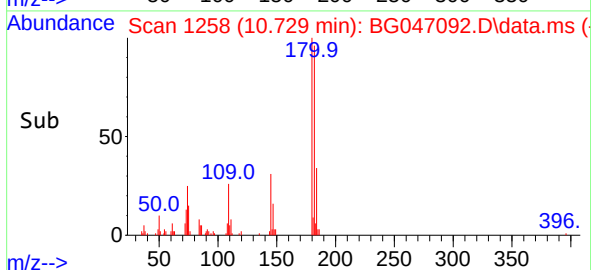
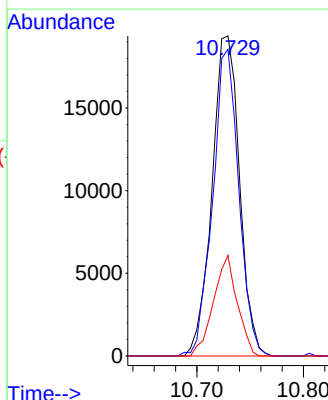
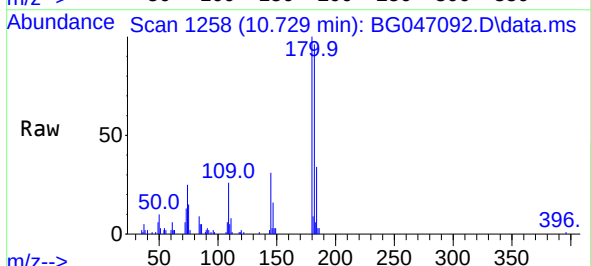
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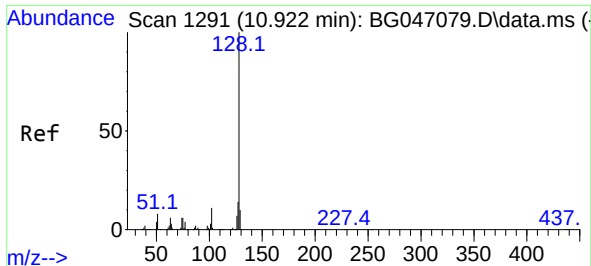
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#30
1,2,4-Trichlorobenzene
Concen: 11.21 ng
RT: 10.729 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:180 Resp: 34643
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 31.4 21.4 32.0





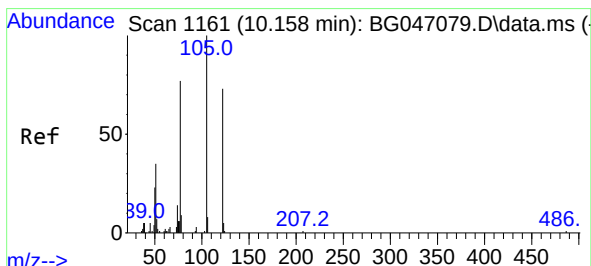
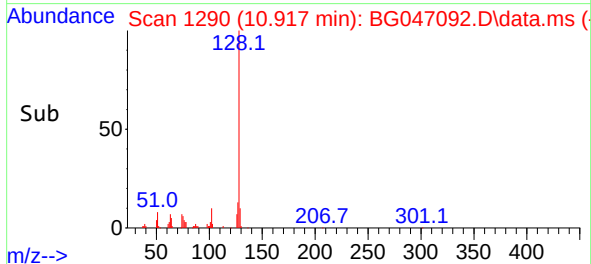
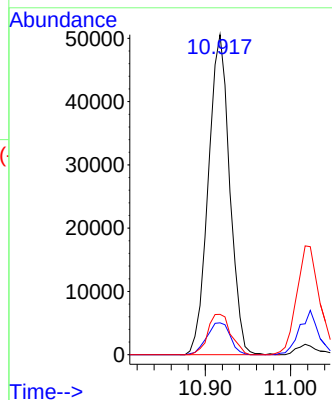
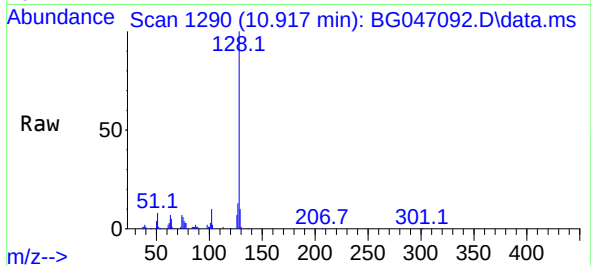
#31
Naphthalene
Concen: 11.88 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:128 Resp: 88077
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.6
127 12.6 11.0 16.4

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

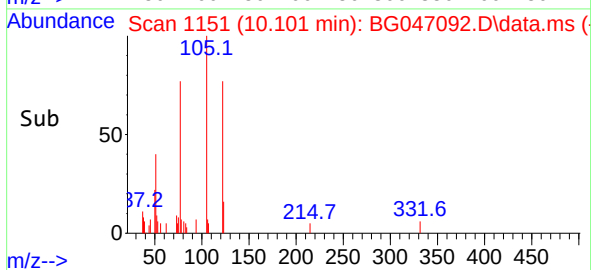
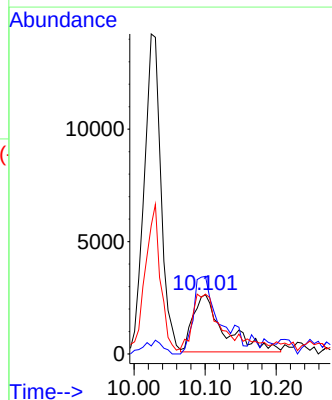
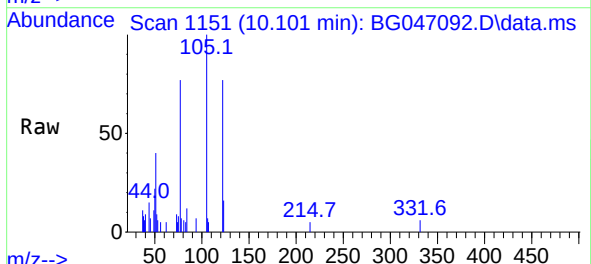
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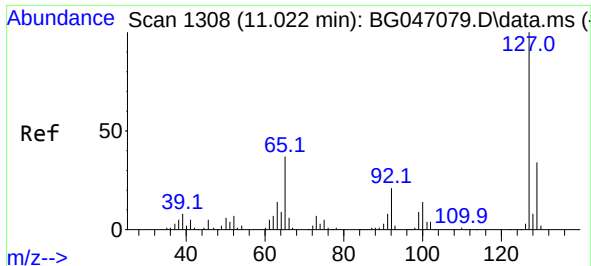
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#32
Benzoic acid
Concen: 5.39 ng m
RT: 10.101 min Scan# 1151
Delta R.T. -0.057 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:122 Resp: 7763
Ion Ratio Lower Upper
122 100
105 130.6 103.7 143.7
77 100.7 63.0 103.0





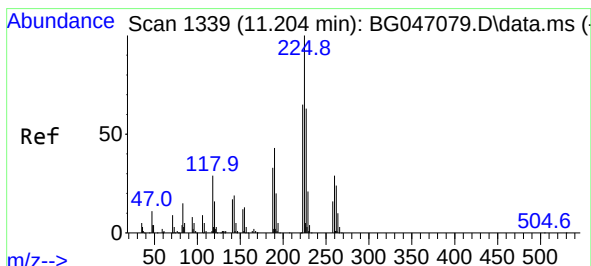
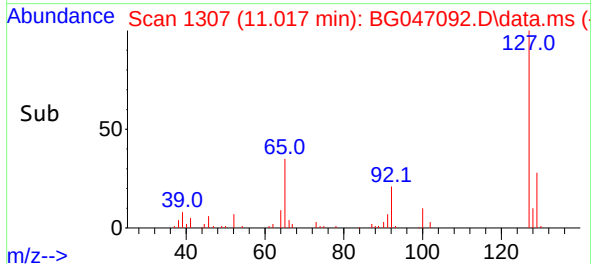
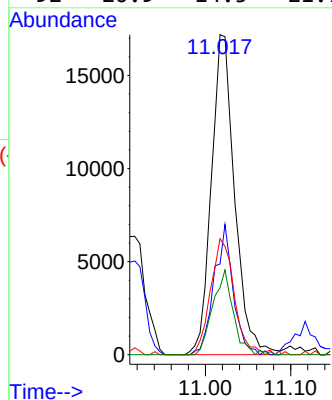
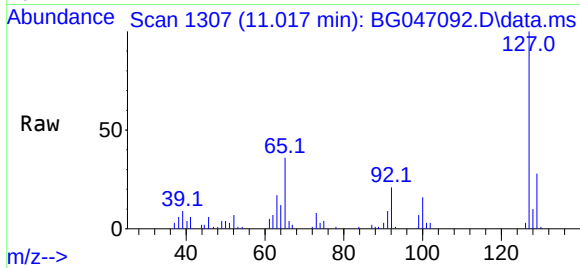
#33
4-Chloroaniline
Concen: 10.15 ng
RT: 11.017 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:	127	Resp:	32723
Ion	Ratio	Lower	Upper
127	100		
129	28.4	26.8	40.2
65	36.3	23.8	35.6#
92	20.9	14.5	21.7

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

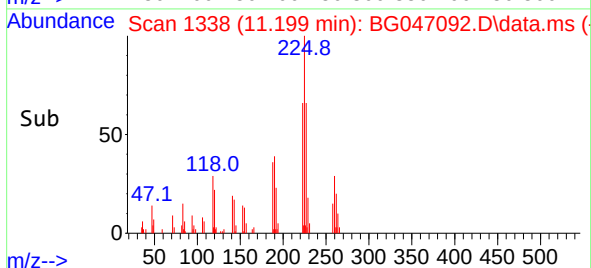
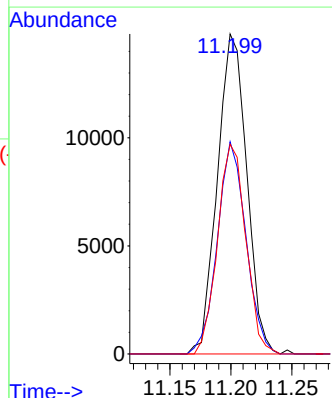
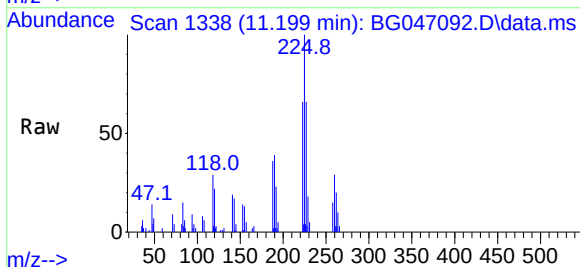
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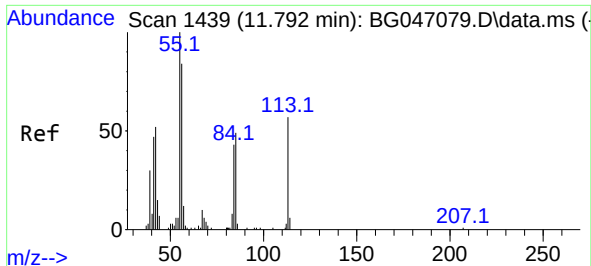
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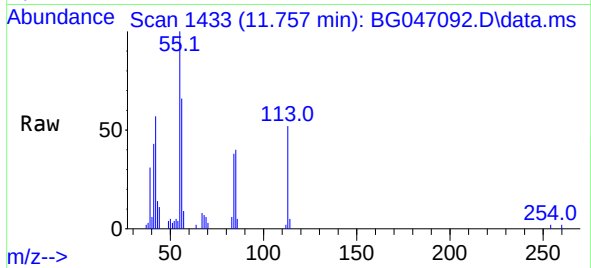
#34
Hexachlorobutadiene
Concen: 10.72 ng
RT: 11.199 min Scan# 1338
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:	225	Resp:	24835
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.5	74.3
227	65.5	52.0	78.0

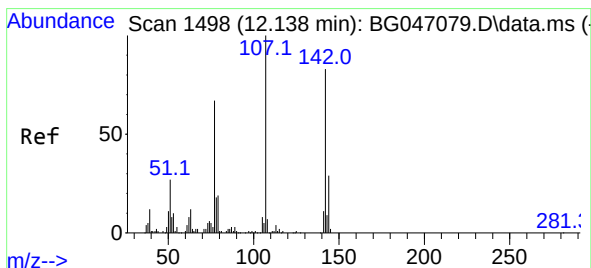
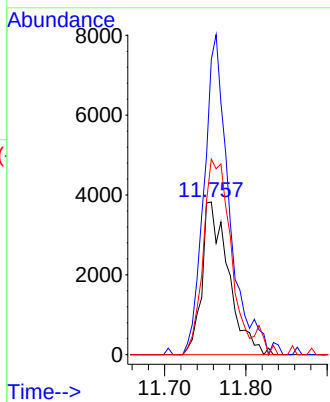
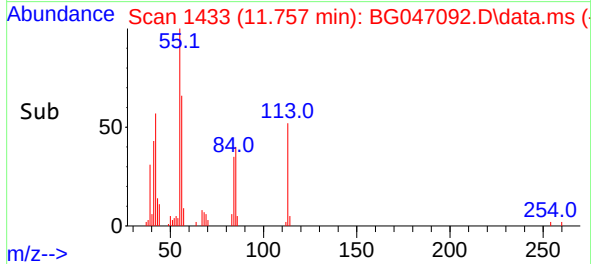




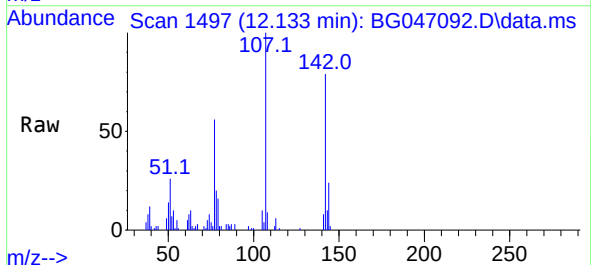
#35
Caprolactam
Concen: 10.36 ng
RT: 11.757 min Scan# 1433
Delta R.T. -0.034 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



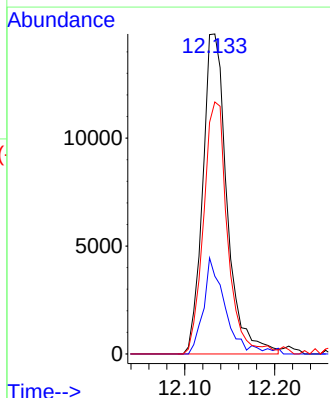
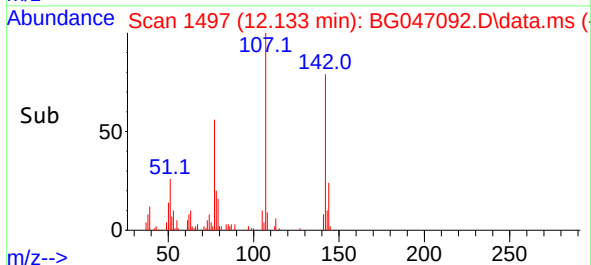
Tgt Ion:113 Resp: 8647
Ion Ratio Lower Upper
113 100
55 193.3 149.2 189.2#
56 128.0 107.2 147.2



#36
4-Chloro-3-methylphenol
Concen: 10.70 ng
RT: 12.133 min Scan# 1497
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



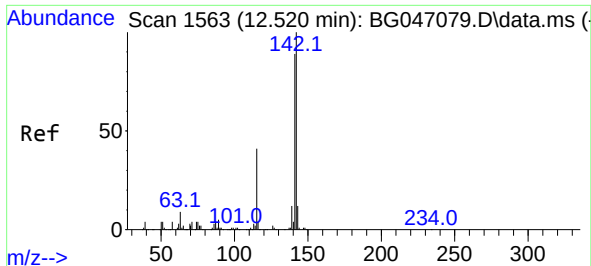
Tgt Ion:107 Resp: 27847
Ion Ratio Lower Upper
107 100
144 24.3 22.5 33.7
142 78.8 70.8 106.2



Instrument :
BNA_G
ClientSampleId :
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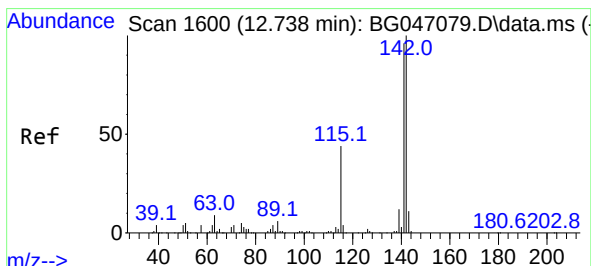
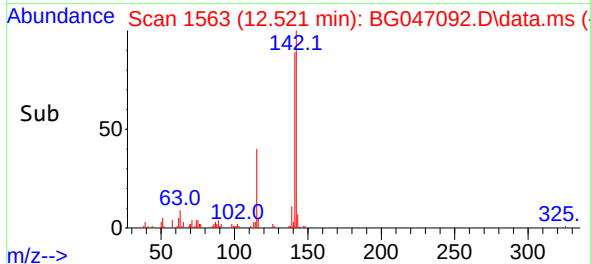
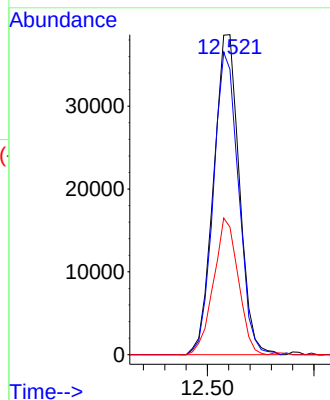
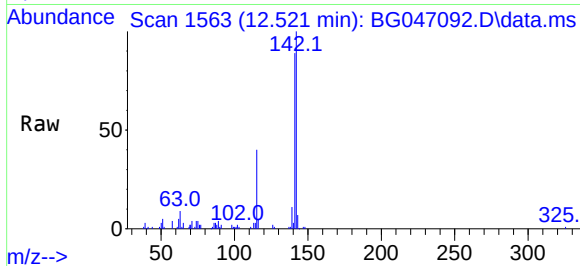
#37
2-Methylnaphthalene
Concen: 11.24 ng
RT: 12.521 min Scan# 1563
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:142 Resp: 64697
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 39.9 25.4 38.2#

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

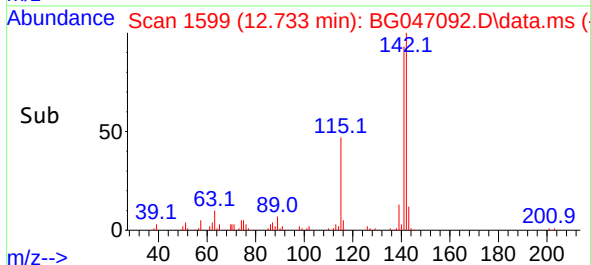
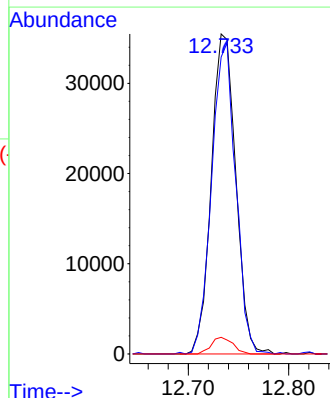
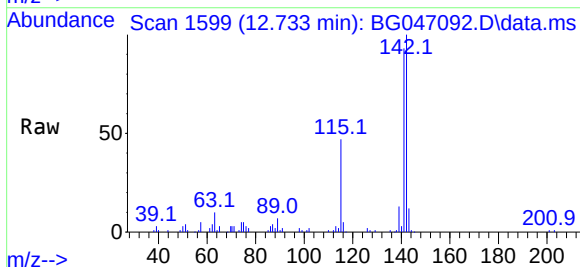
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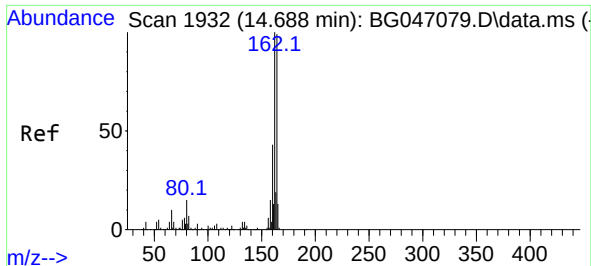
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#38
1-Methylnaphthalene
Concen: 11.00 ng
RT: 12.733 min Scan# 1599
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

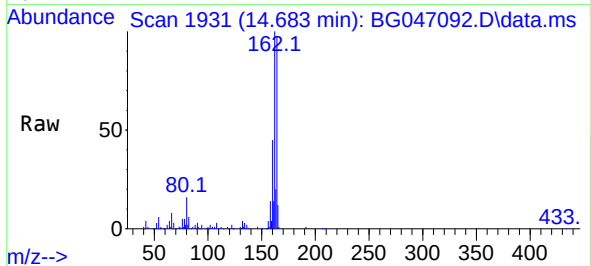
Tgt Ion:142 Resp: 59994
Ion Ratio Lower Upper
142 100
141 92.8 75.4 113.2
116 5.2 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.683 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

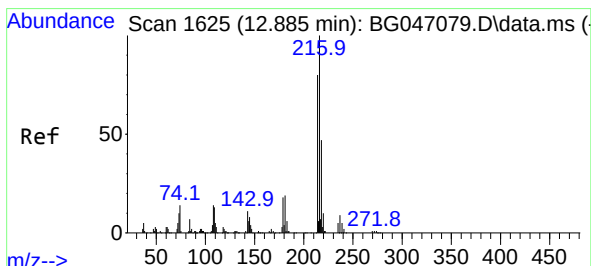
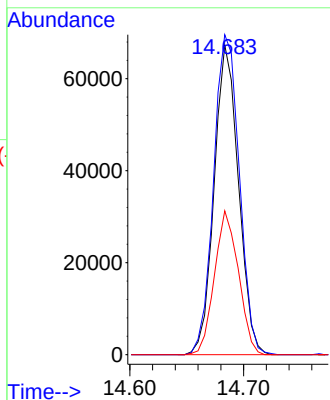
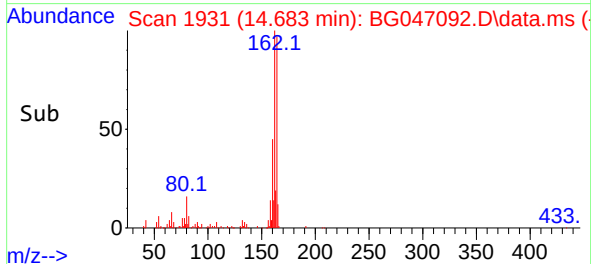
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



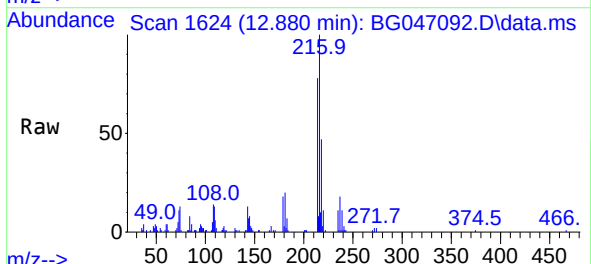
Tgt Ion:164 Resp: 100136
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 46.4 35.3 52.9

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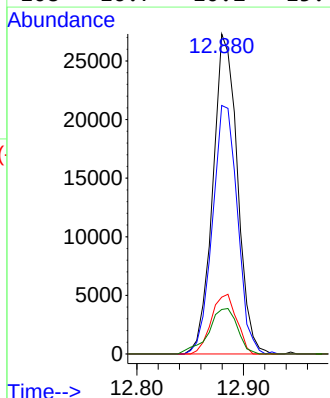
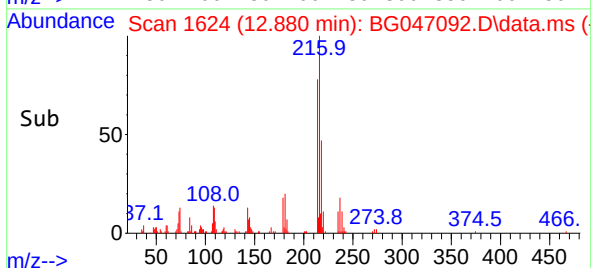
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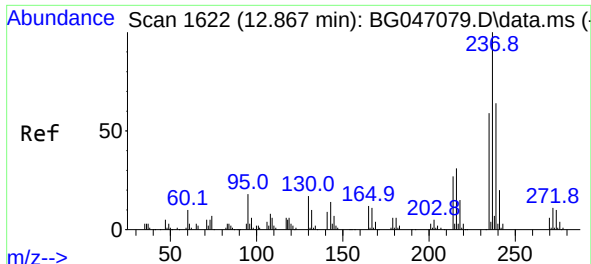


#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.93 ng
RT: 12.880 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:216 Resp: 43639
Ion Ratio Lower Upper
216 100
214 78.9 61.9 92.9
179 19.2 14.8 22.2
108 16.7 10.2 15.4#





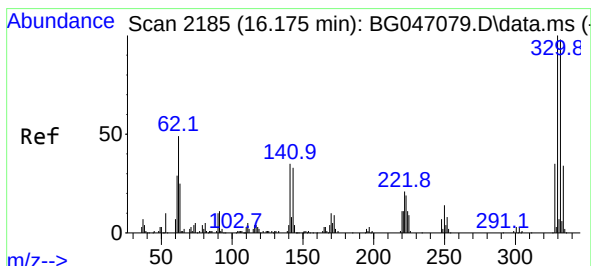
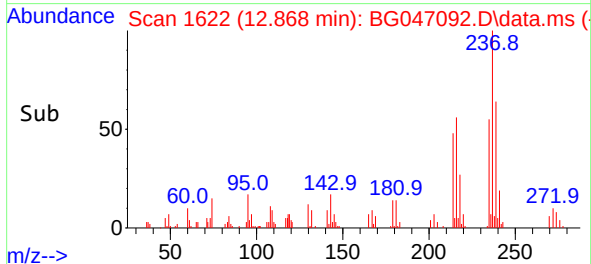
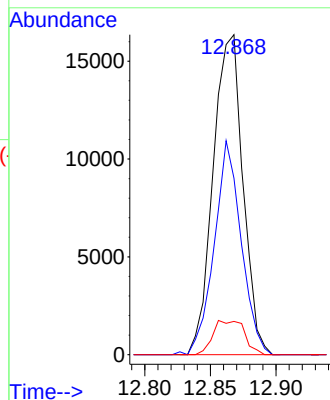
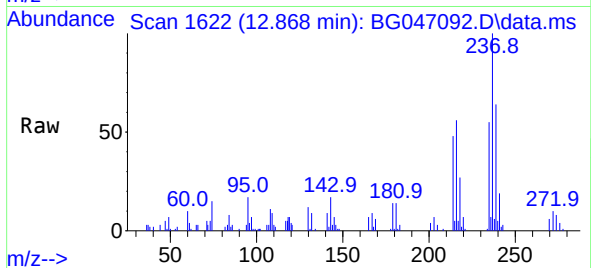
#41
Hexachlorocyclopentadiene
Concen: 12.92 ng
RT: 12.868 min Scan# 1622
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 237 Resp: 25824
Ion Ratio Lower Upper
237 100
235 55.2 43.1 83.1
272 10.4 0.0 33.1

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

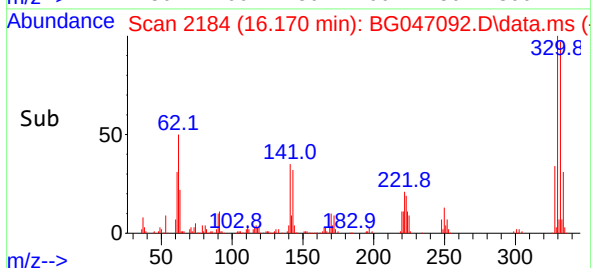
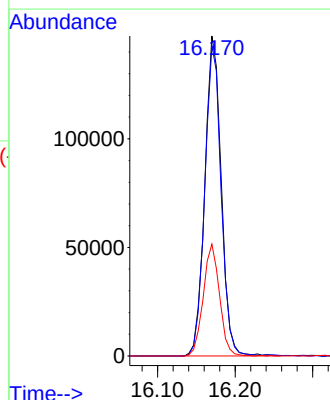
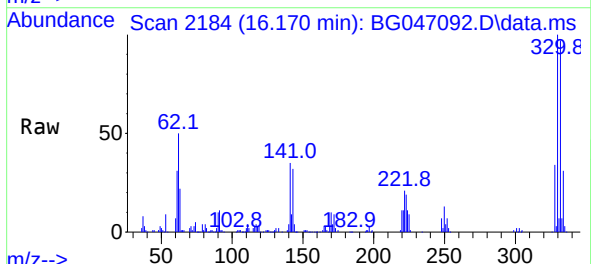
Manual Integrations
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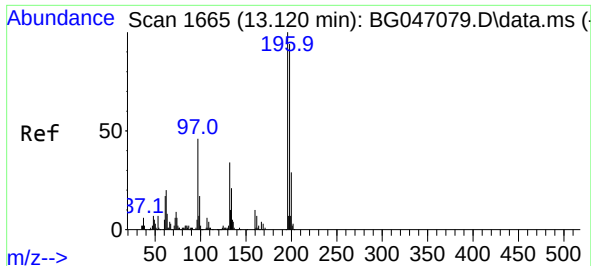
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#42
2,4,6-Tribromophenol
Concen: 134.76 ng
RT: 16.170 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion: 330 Resp: 216289
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 34.5 26.0 39.0





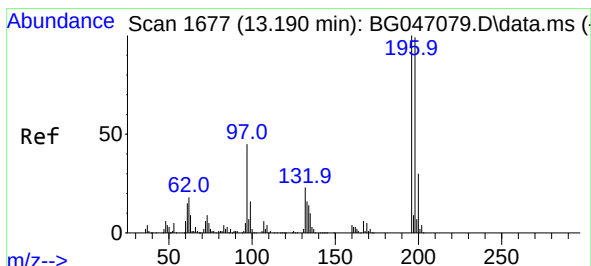
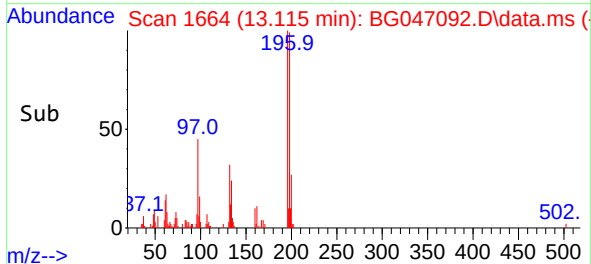
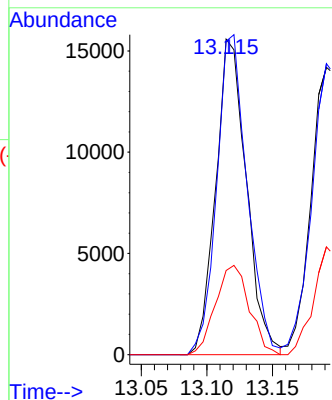
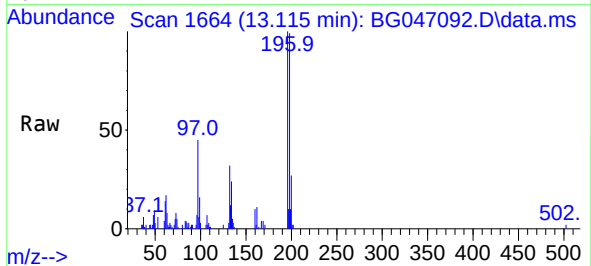
#43
2,4,6-Trichlorophenol
Concen: 10.62 ng
RT: 13.115 min Scan# 1664
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:196 Resp: 25328
Ion Ratio Lower Upper
196 100
198 99.4 74.9 112.3
200 26.7 25.3 37.9

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

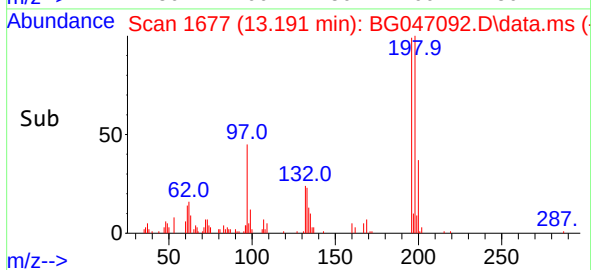
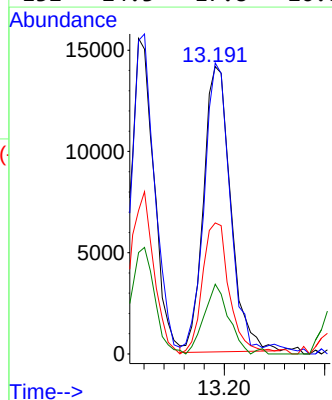
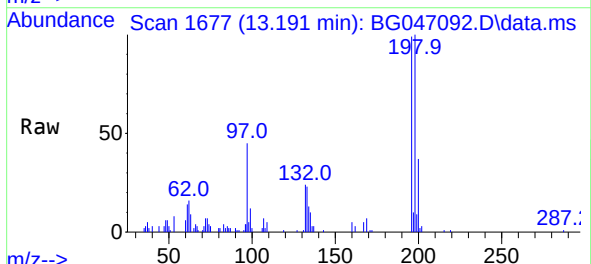
Manual Integrations
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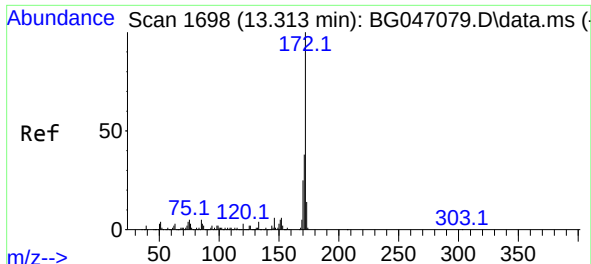
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#44
2,4,5-Trichlorophenol
Concen: 10.96 ng
RT: 13.191 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:196 Resp: 26552
Ion Ratio Lower Upper
196 100
198 101.3 77.6 116.4
97 45.6 28.6 43.0#
132 24.3 17.8 26.8





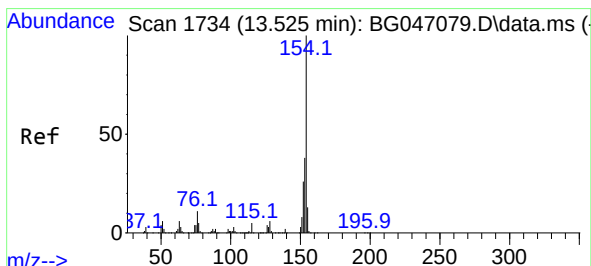
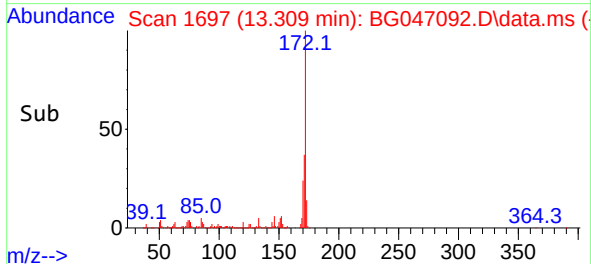
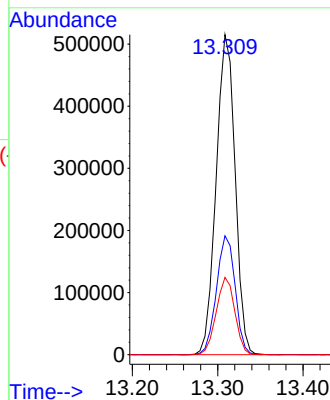
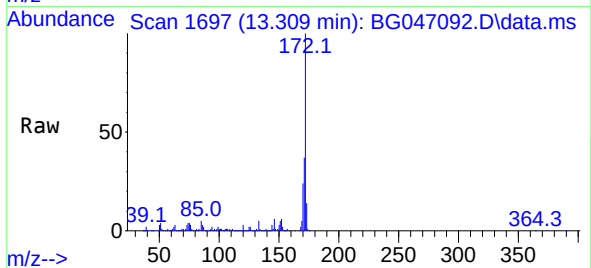
#45
2-Fluorobiphenyl
Concen: 112.27 ng
RT: 13.309 min Scan# 1697
Delta R.T. -0.004 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:172	Resp:	795138
Ion Ratio	Lower	Upper
172	100	
171	37.2	31.3 46.9
170	24.1	20.8 31.2

Instrument :
BNA_G
ClientSampleId :
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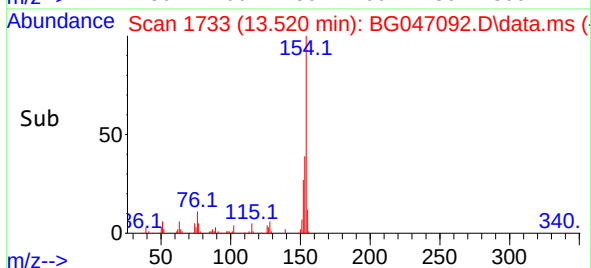
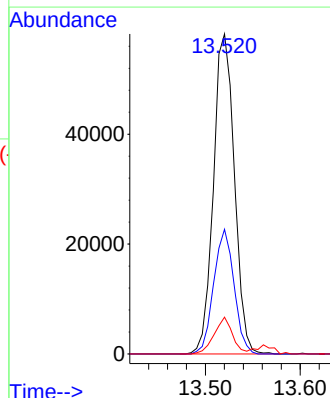
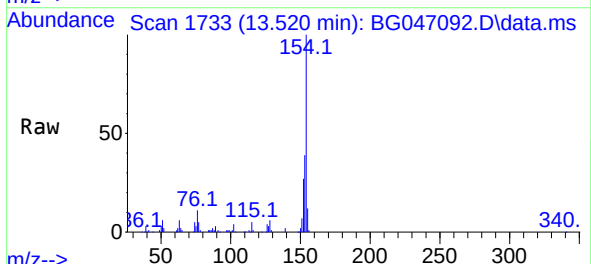
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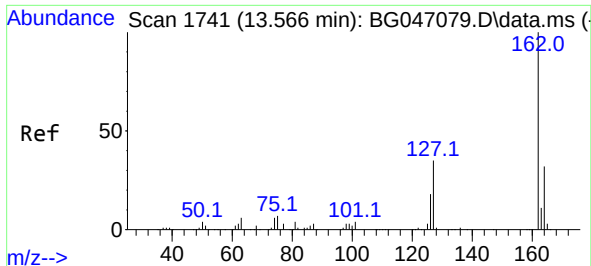
mohammad
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#46
1,1'-Biphenyl
Concen: 11.79 ng
RT: 13.520 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

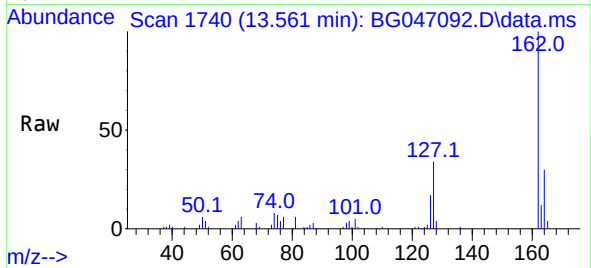
Tgt Ion:154	Resp:	89351
Ion Ratio	Lower	Upper
154	100	
153	39.0	22.6 62.6
76	11.5	0.0 32.6





#47
2-Chloronaphthalene
Concen: 11.08 ng
RT: 13.561 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

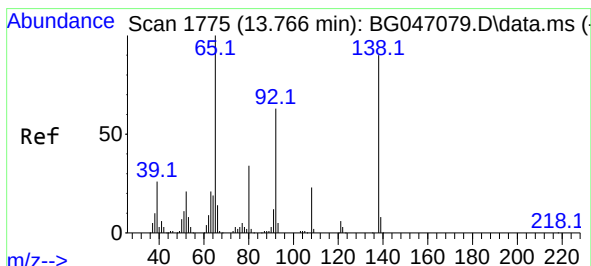
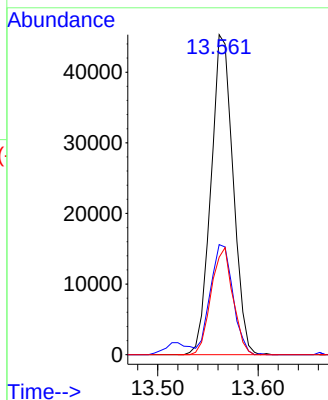
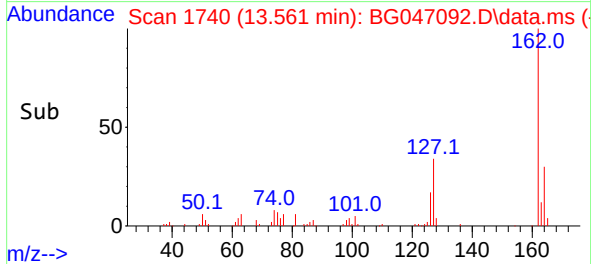
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



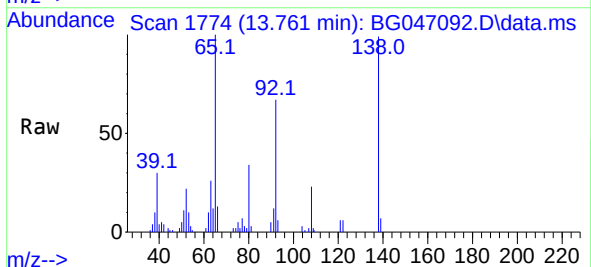
Tgt Ion:162 Resp: 69162
Ion Ratio Lower Upper
162 100
127 34.4 27.8 41.6
164 30.4 27.0 40.4

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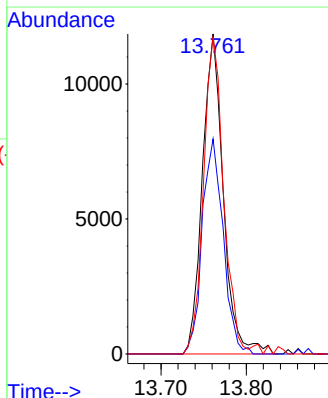
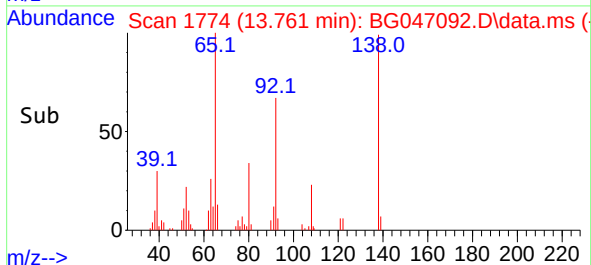
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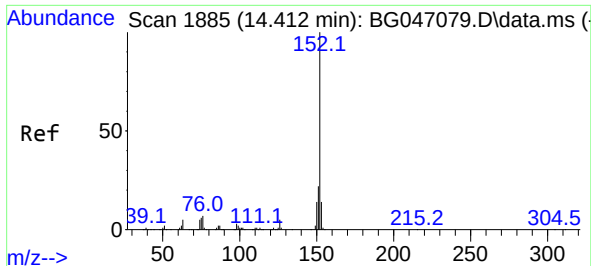


#48
2-Nitroaniline
Concen: 9.91 ng
RT: 13.761 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

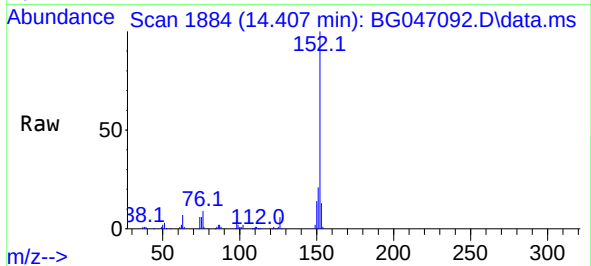


Tgt Ion: 65 Resp: 20154
Ion Ratio Lower Upper
65 100
92 67.2 58.6 88.0
138 99.1 98.2 147.4

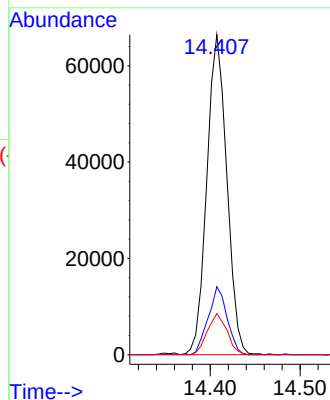




#49
Acenaphthylene
Concen: 11.33 ng
RT: 14.407 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



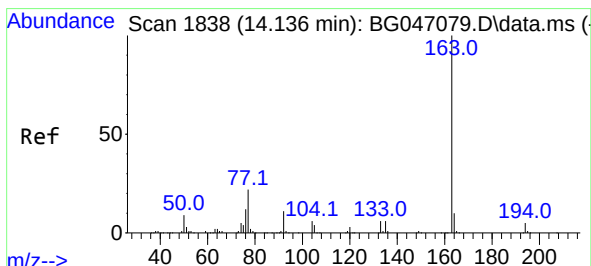
Tgt Ion:	152	Resp:	102665
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.4	26.0
153	12.9	11.5	17.3



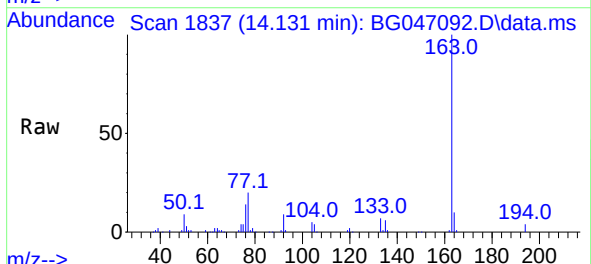
Instrument :
BNA_G
ClientSampleId :
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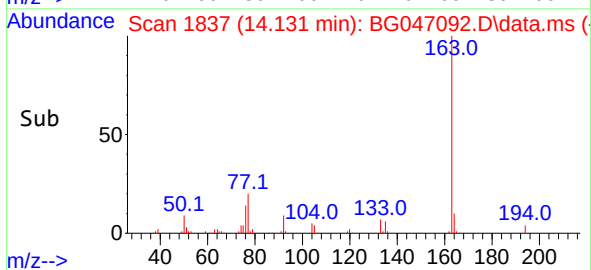
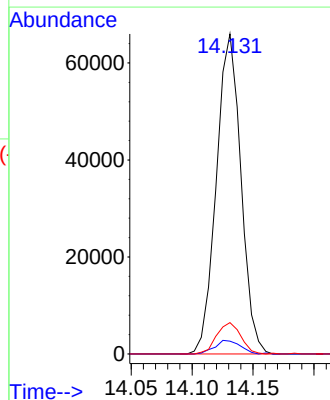
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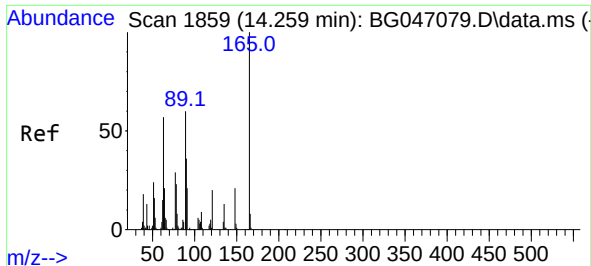


#50
Dimethylphthalate
Concen: 11.23 ng
RT: 14.131 min Scan# 1837
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:	163	Resp:	92590
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.8	5.8
164	9.8	8.8	13.2





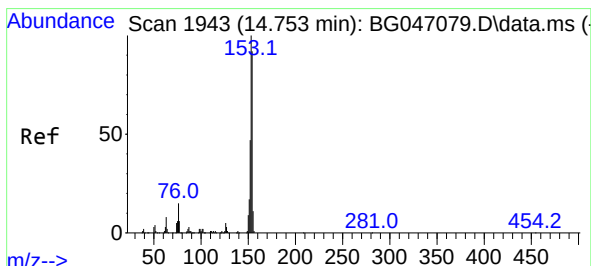
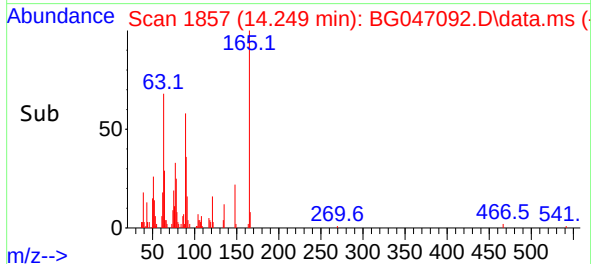
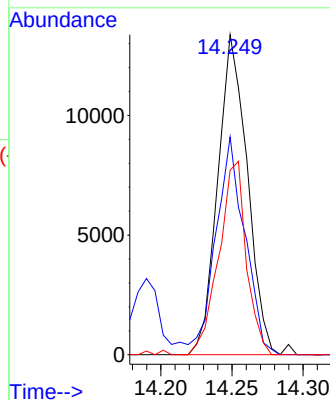
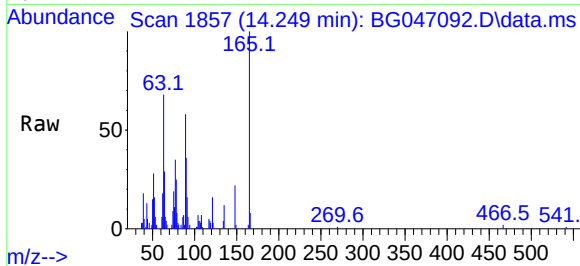
#51
2,6-Dinitrotoluene
Concen: 11.21 ng
RT: 14.249 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:	165	Resp:	19287
Ion Ratio	Lower	Upper	
165	100		
63	68.1	33.7	50.5#
89	57.7	36.6	54.8#

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

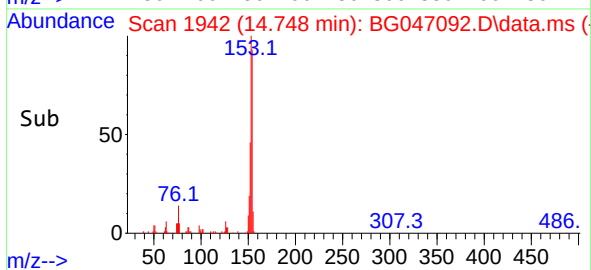
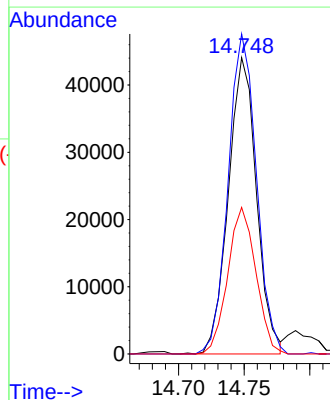
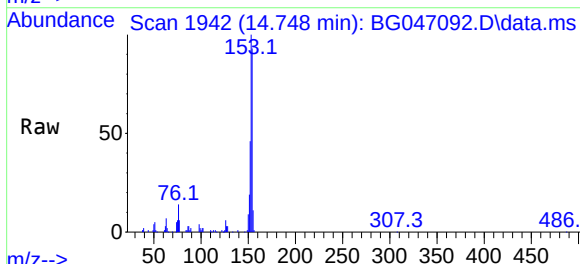
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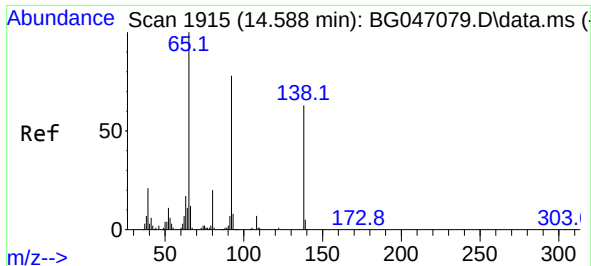
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#52
Acenaphthene
Concen: 11.16 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:	154	Resp:	66021
Ion Ratio	Lower	Upper	
154	100		
153	108.0	90.3	135.5
152	49.5	43.8	65.8





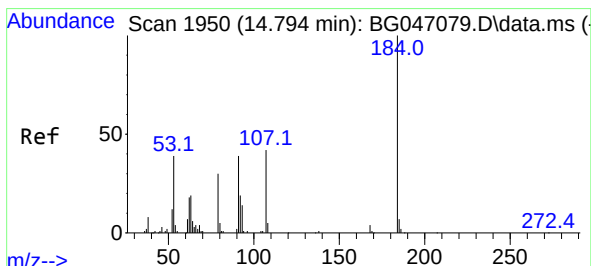
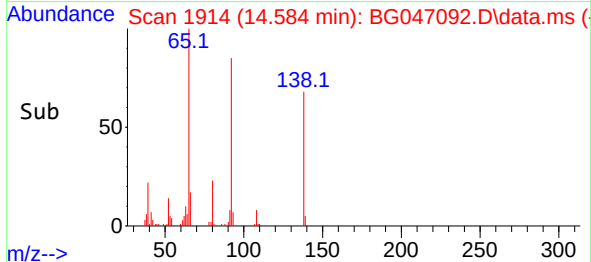
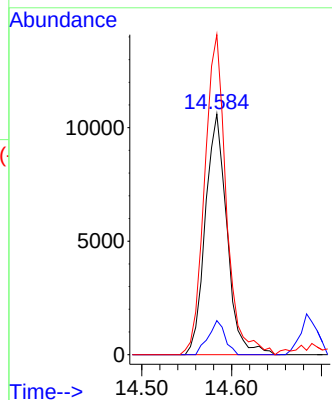
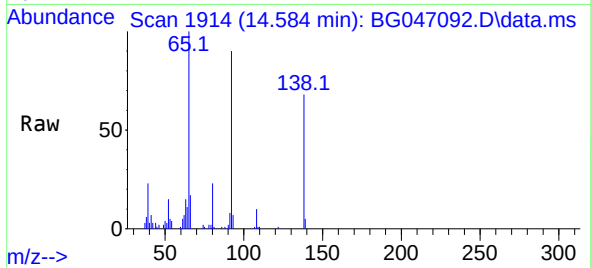
#53
3-Nitroaniline
Concen: 10.38 ng
RT: 14.584 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:138 Resp: 17749
Ion Ratio Lower Upper
138 100
108 14.2 7.4 11.0#
92 133.0 85.2 127.8#

Instrument :
BNA_G
ClientSampleId :
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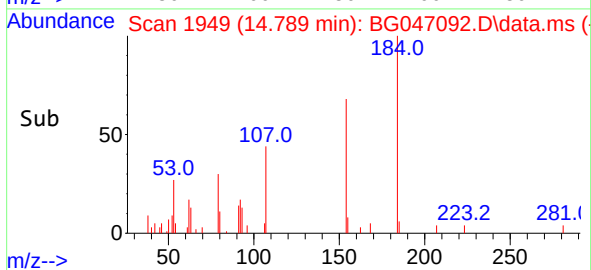
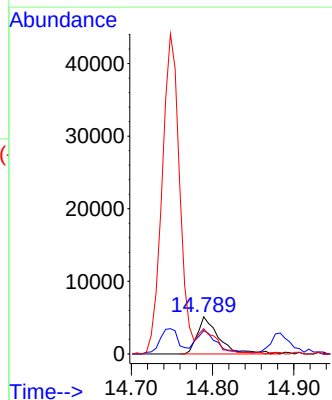
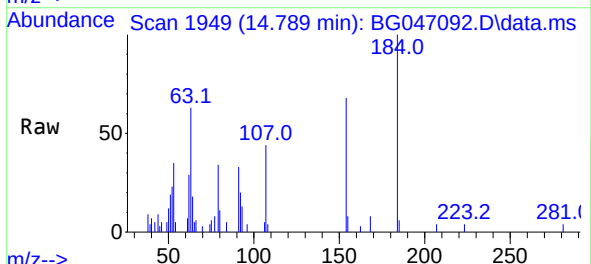
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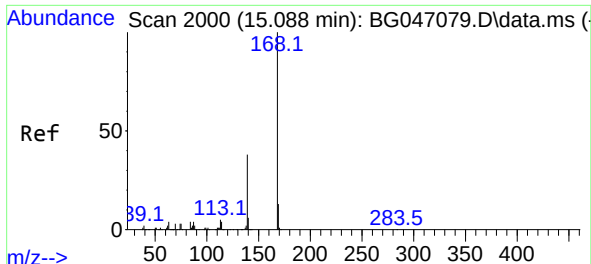
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#54
2,4-Dinitrophenol
Concen: 8.25 ng
RT: 14.789 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:184 Resp: 9371
Ion Ratio Lower Upper
184 100
63 63.1 32.3 48.5#
154 68.0 40.4 60.6#





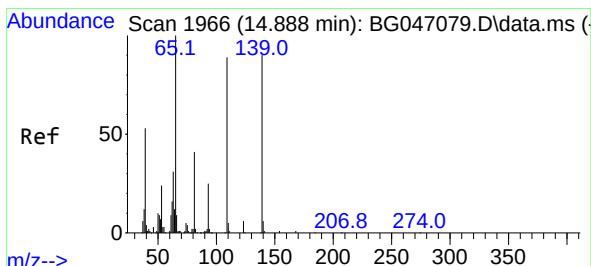
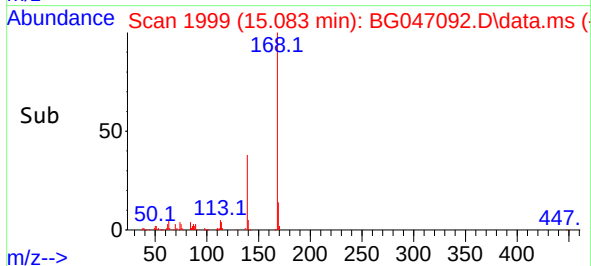
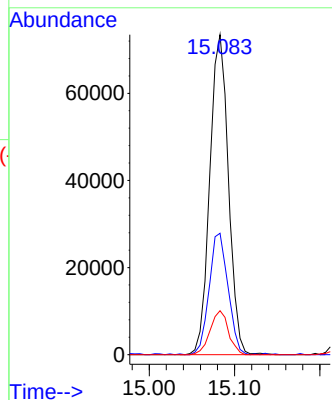
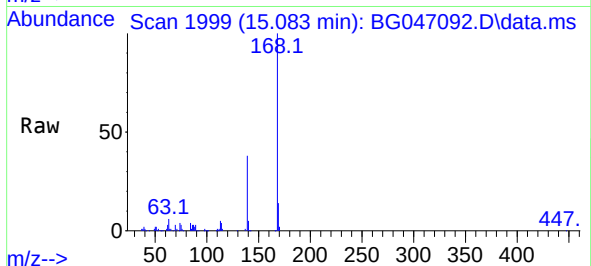
#55
Dibenzenofuran
Concen: 11.74 ng
RT: 15.083 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:168	Resp:	111435
Ion Ratio	Lower	Upper
168	100	
139	38.0	28.6 43.0
169	13.8	11.0 16.6

Instrument :
BNA_G
ClientSampleId :
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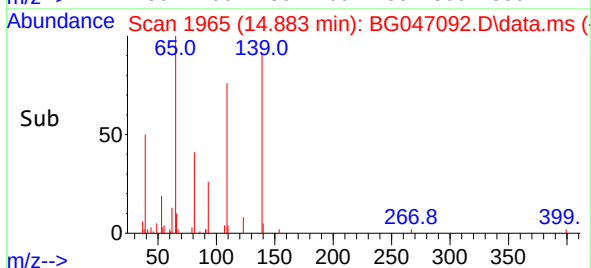
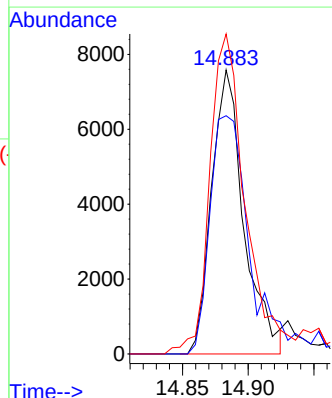
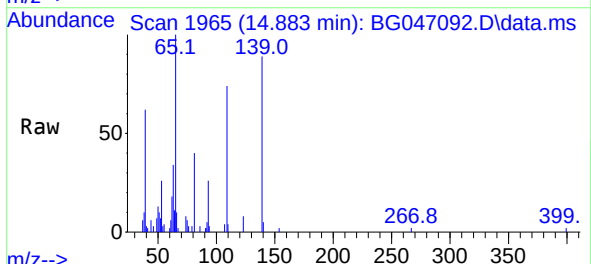
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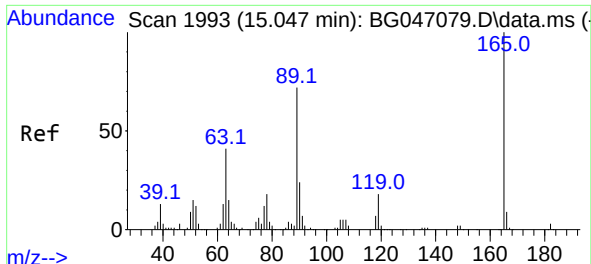
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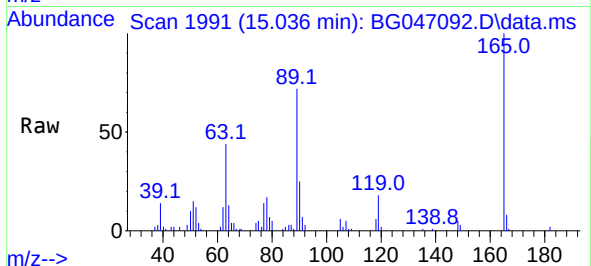
#56
4-Nitrophenol
Concen: 9.73 ng
RT: 14.883 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:139	Resp:	13016
Ion Ratio	Lower	Upper
139	100	
109	83.9	45.9 85.9
65	112.7	65.4 105.4#

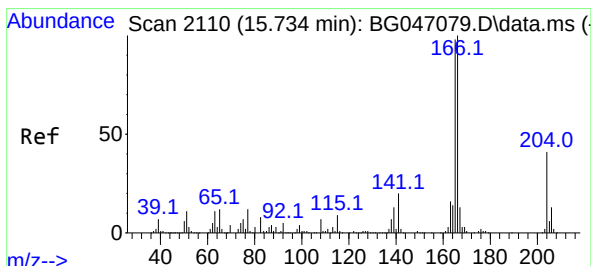
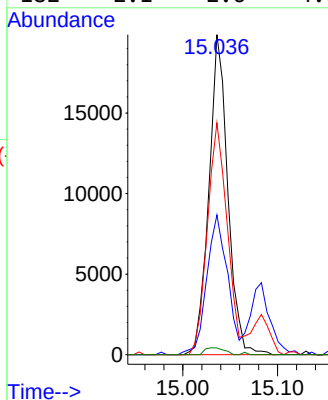
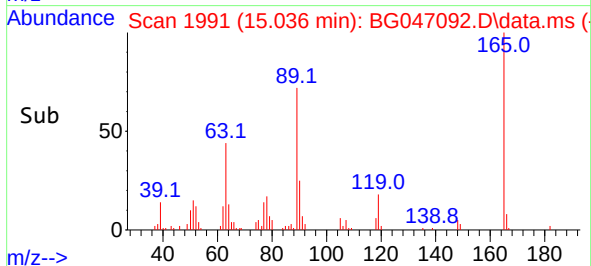




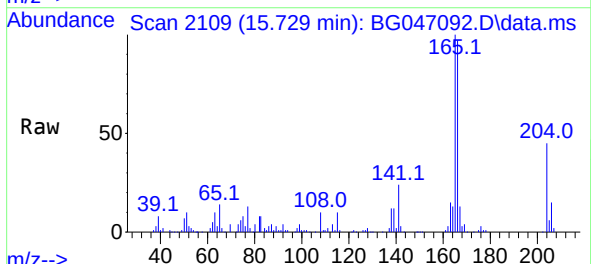
#57
2,4-Dinitrotoluene
Concen: 11.13 ng
RT: 15.036 min Scan# 1991
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



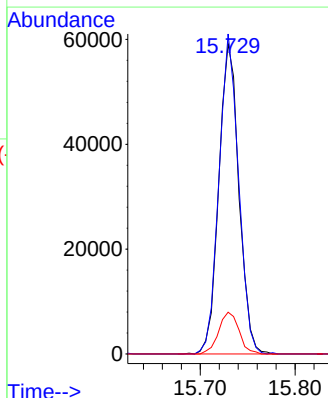
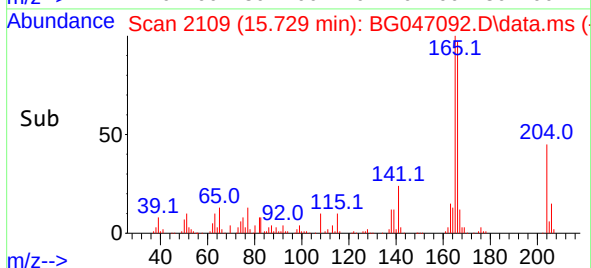
Tgt Ion:165 Resp: 27515
Ion Ratio Lower Upper
165 100
63 43.6 26.4 39.6#
89 72.5 47.8 71.8#
182 2.1 2.6 4.0#



#58
Fluorene
Concen: 11.39 ng
RT: 15.729 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



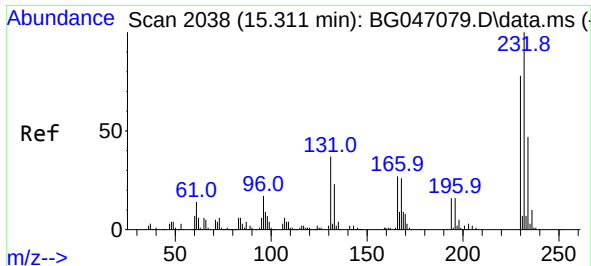
Tgt Ion:166 Resp: 87268
Ion Ratio Lower Upper
166 100
165 103.1 77.2 115.8
167 13.5 11.4 17.2



Instrument :
BNA_G
ClientSampleId :
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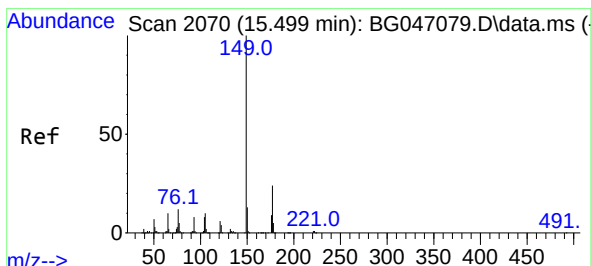
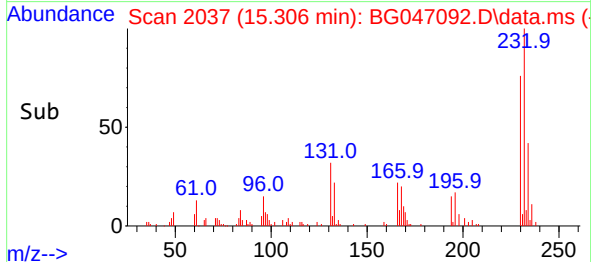
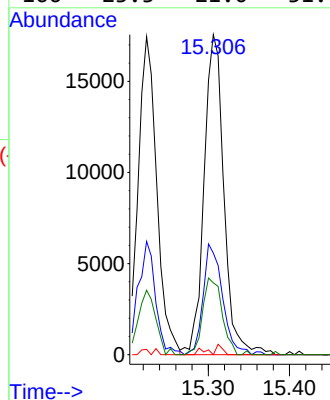
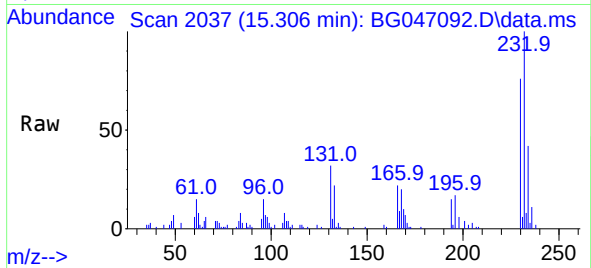
#59
2,3,4,6-Tetrachlorophenol
Concen: 11.57 ng
RT: 15.306 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:232 Resp: 29758
Ion Ratio Lower Upper
232 100
131 34.0 26.6 40.0
130 1.0 1.4 2.0#
166 23.3 21.0 31.6

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

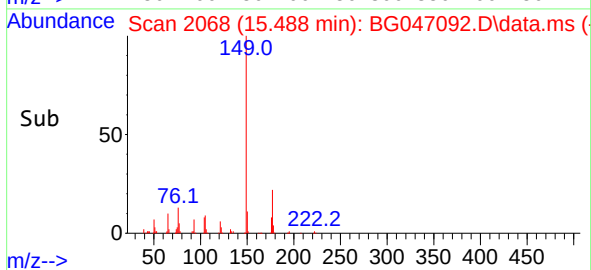
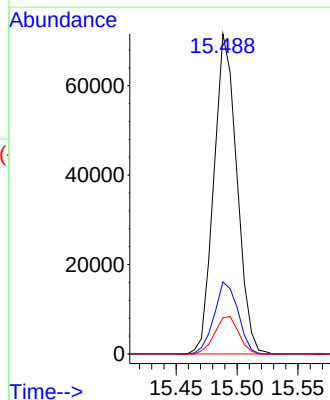
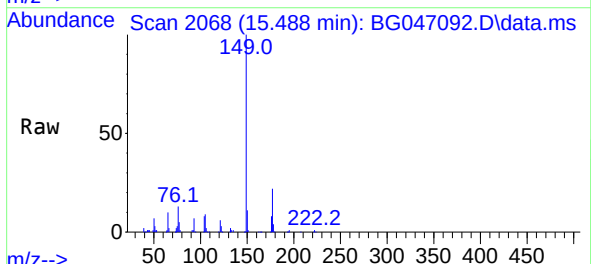
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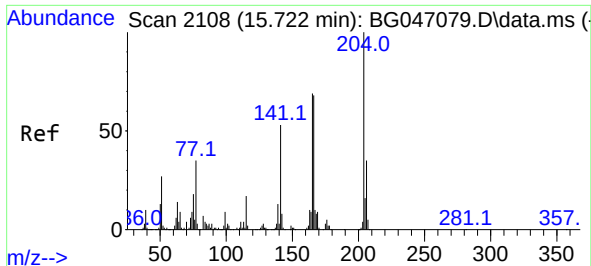
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#60
Diethylphthalate
Concen: 11.46 ng
RT: 15.488 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

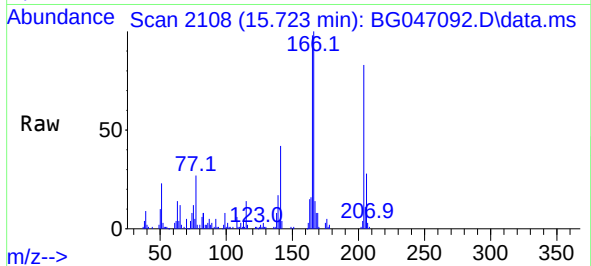
Tgt Ion:149 Resp: 94229
Ion Ratio Lower Upper
149 100
177 22.5 21.4 32.2
150 11.3 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 11.84 ng
RT: 15.723 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

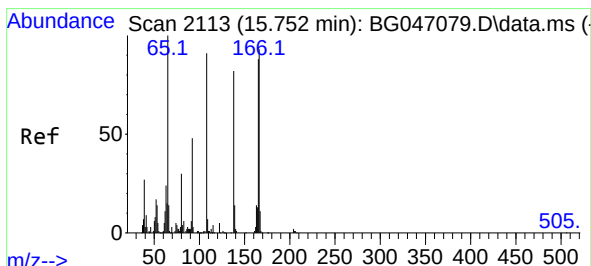
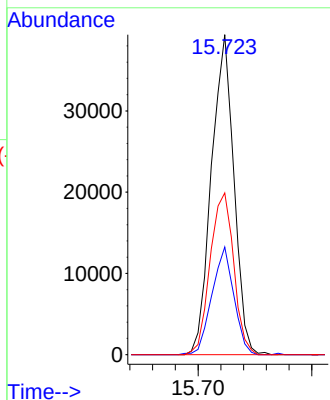
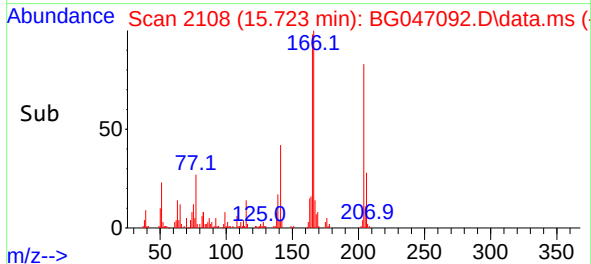
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



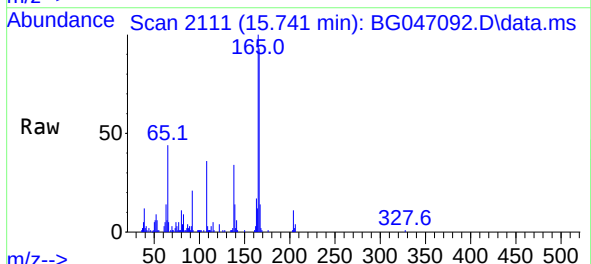
Tgt Ion:204 Resp: 54120
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.8
141 50.5 41.5 62.3

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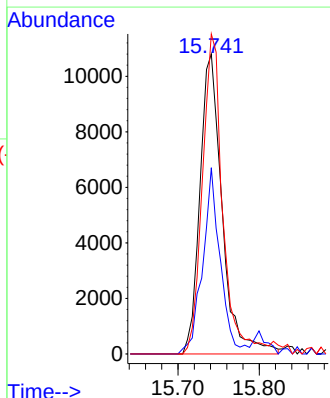
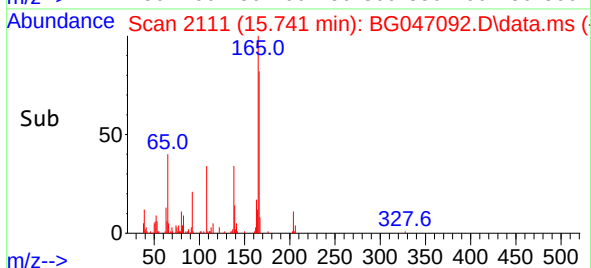
mohammad
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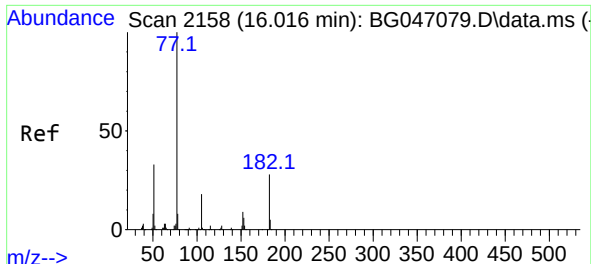


#62
4-Nitroaniline
Concen: 11.15 ng
RT: 15.741 min Scan# 2111
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

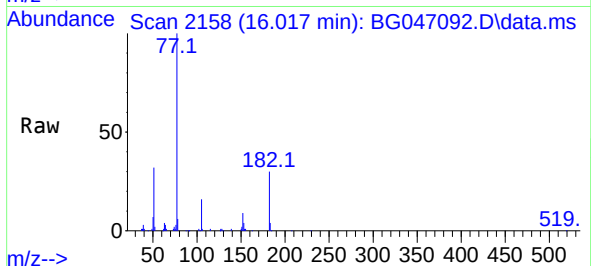


Tgt Ion:138 Resp: 20471
Ion Ratio Lower Upper
138 100
92 62.1 26.9 66.9
108 106.7 49.4 89.4#

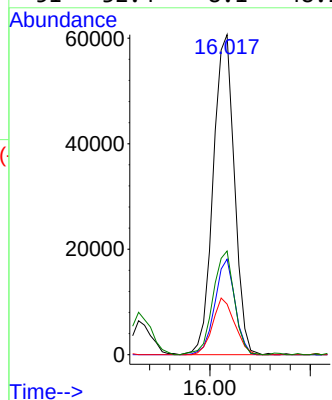




#63
Azobenzene
Concen: 12.17 ng
RT: 16.017 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



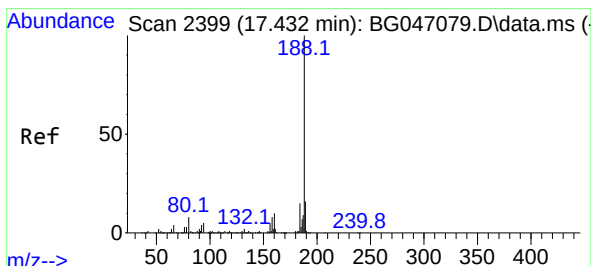
Tgt Ion:	77	Resp:	88888
Ion	Ratio	Lower	Upper
77	100		
182	29.9	14.0	54.0
105	15.8	3.0	43.0
51	32.4	8.1	48.1



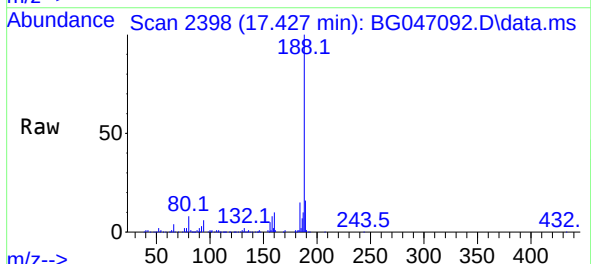
Instrument :
BNA_G
ClientSampleId :
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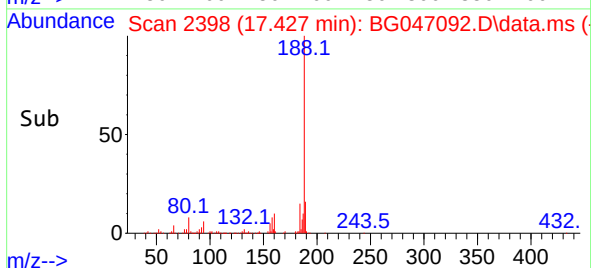
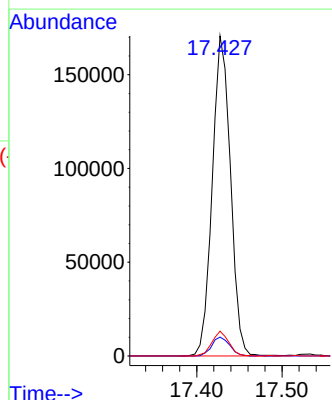
mohammad
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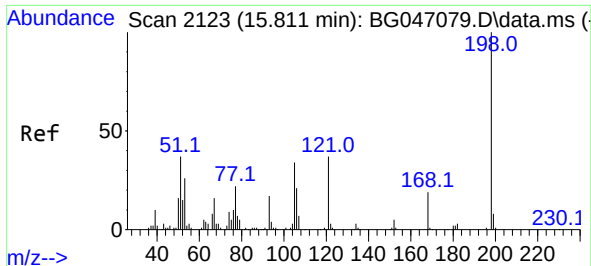


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.427 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:	188	Resp:	253048
Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.3	9.5
80	7.7	7.0	10.6





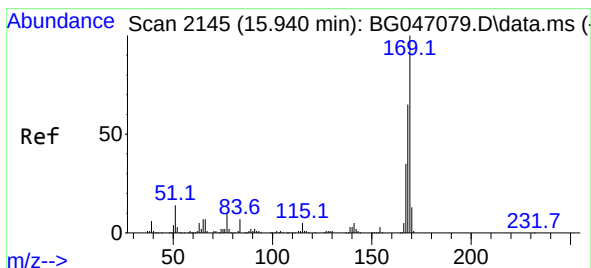
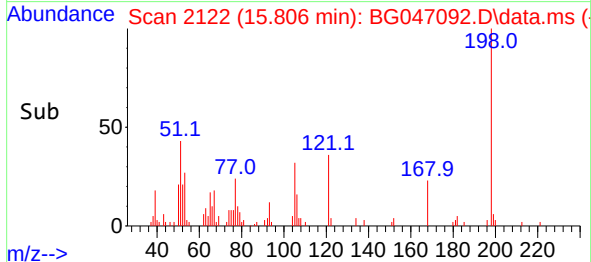
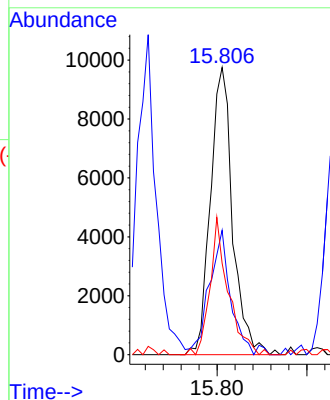
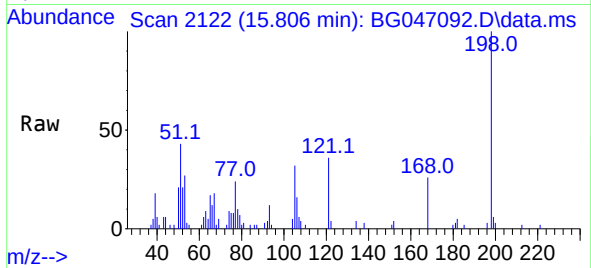
#65
4,6-Dinitro-2-methylphenol
Concen: 10.74 ng
RT: 15.806 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:198 Resp: 16720
Ion Ratio Lower Upper
198 100
51 43.3 10.4 50.4
105 31.8 12.9 52.9

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

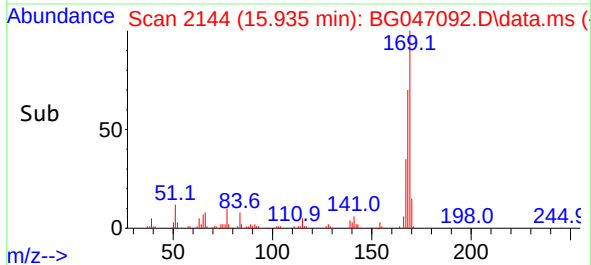
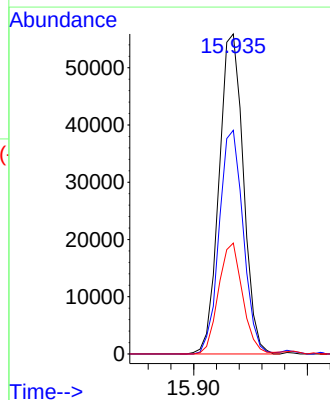
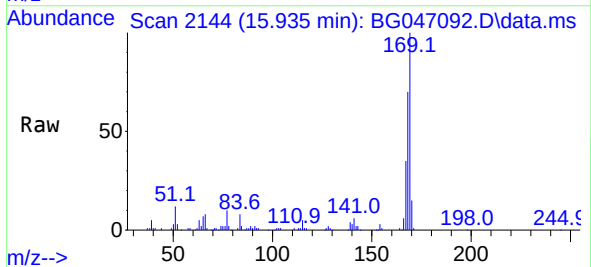
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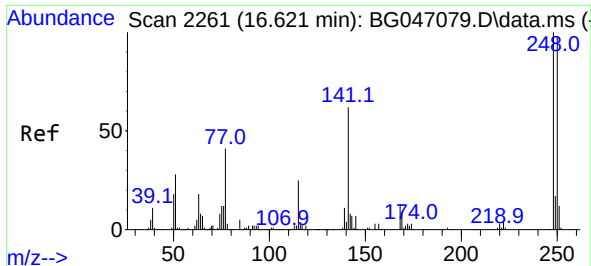
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#66
n-Nitrosodiphenylamine
Concen: 11.41 ng
RT: 15.935 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:169 Resp: 82846
Ion Ratio Lower Upper
169 100
168 69.9 55.5 83.3
167 34.7 30.5 45.7





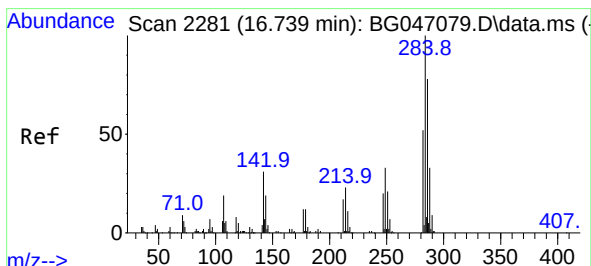
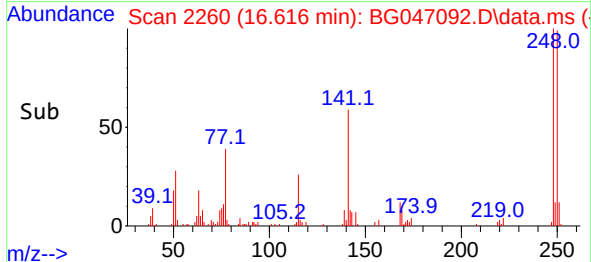
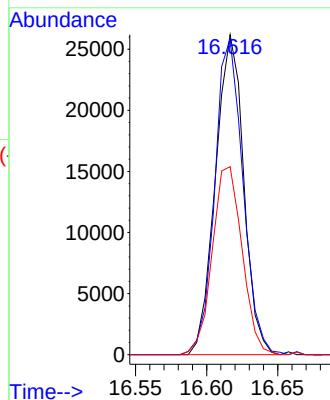
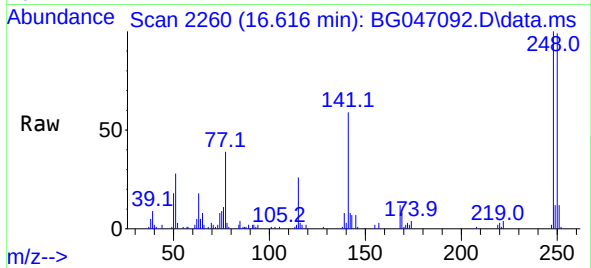
#67
4-Bromophenyl-phenylether
Concen: 10.86 ng
RT: 16.616 min Scan# 2260
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:248 Resp: 36140
Ion Ratio Lower Upper
248 100
250 98.7 78.9 118.3
141 58.8 46.2 69.4

Instrument :
BNA_G
ClientSampleId :
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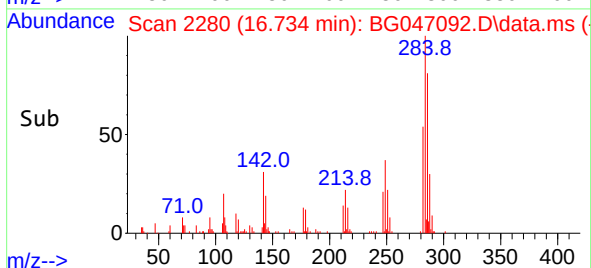
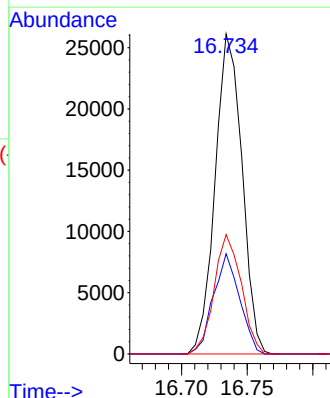
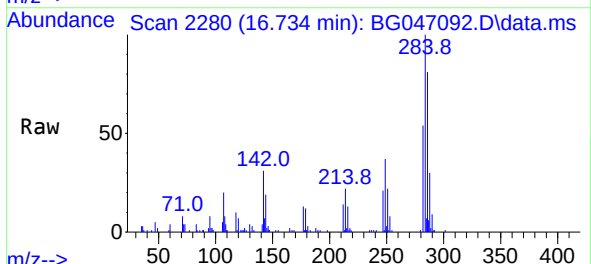
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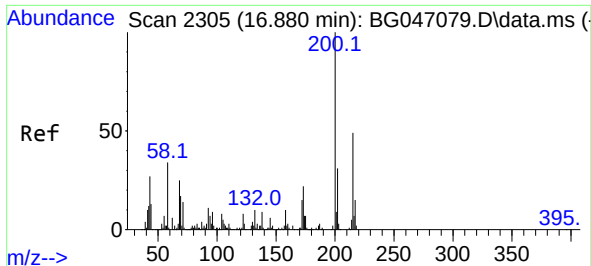
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#68
Hexachlorobenzene
Concen: 10.58 ng
RT: 16.734 min Scan# 2280
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

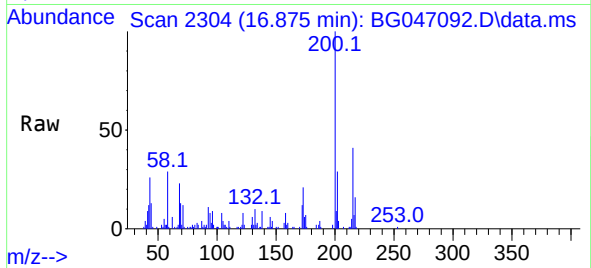
Tgt Ion:284 Resp: 37155
Ion Ratio Lower Upper
284 100
142 31.3 21.1 31.7
249 37.3 25.9 38.9





#69
Atrazine
Concen: 11.42 ng
RT: 16.875 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

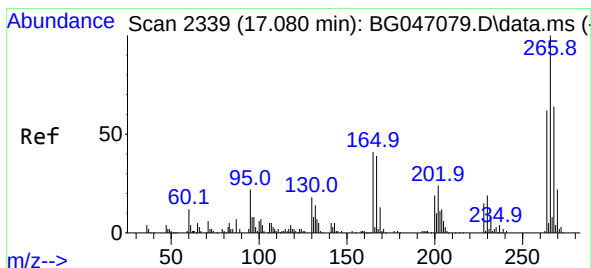
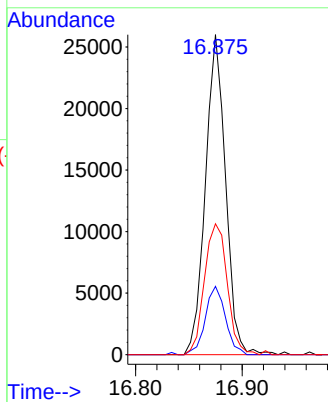
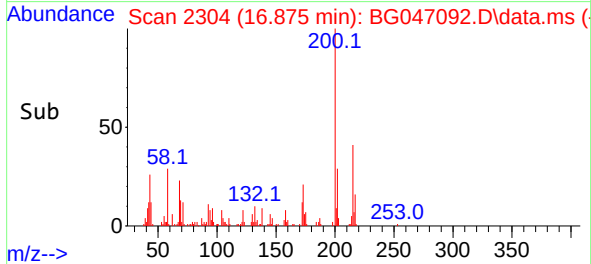
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



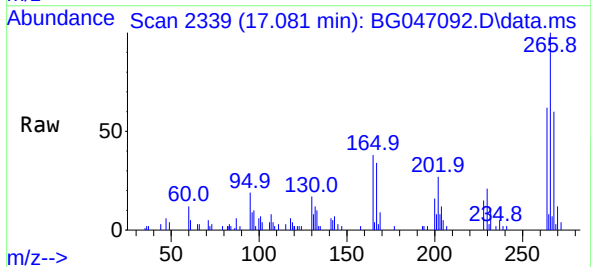
Tgt Ion:200 Resp: 34117
Ion Ratio Lower Upper
200 100
173 21.3 4.2 44.2
215 40.9 30.0 70.0

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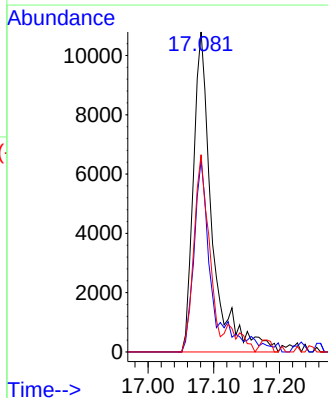
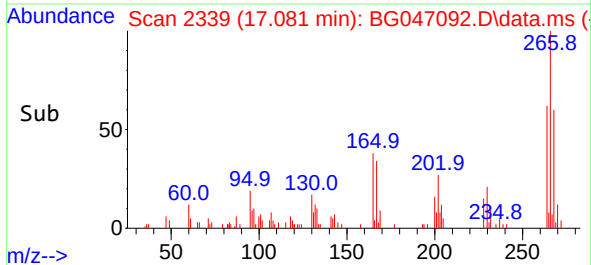
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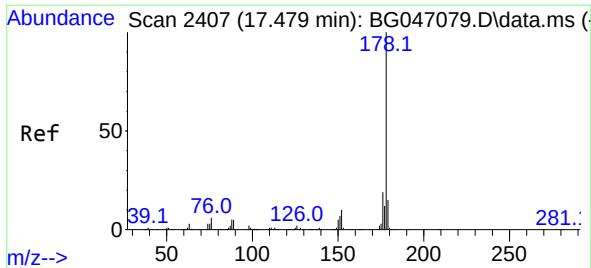


#70
Pentachlorophenol
Concen: 10.45 ng
RT: 17.081 min Scan# 2339
Delta R.T. 0.001 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



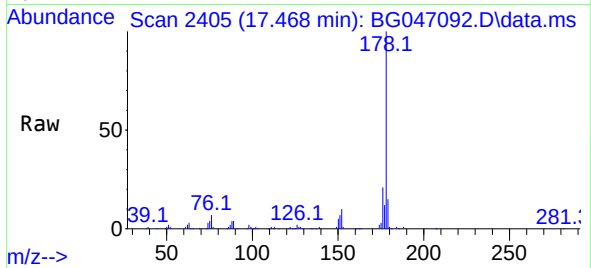
Tgt Ion:266 Resp: 21398
Ion Ratio Lower Upper
266 100
268 59.9 49.8 74.6
264 61.6 49.3 73.9





#71
Phenanthrene
Concen: 11.47 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

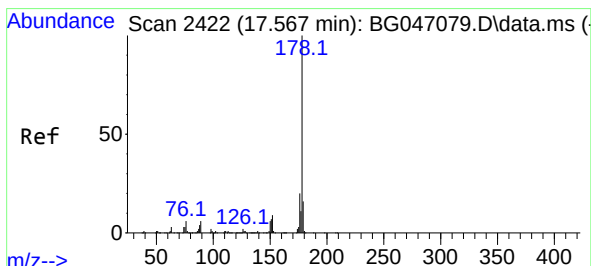
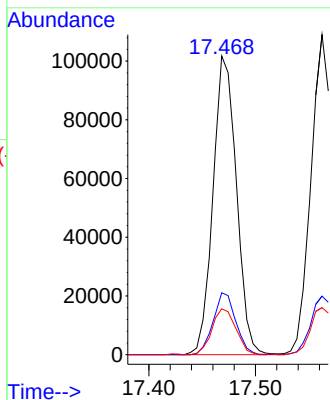
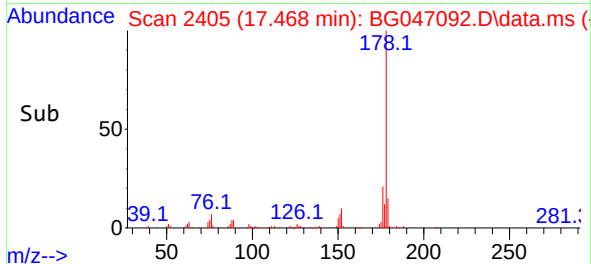
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



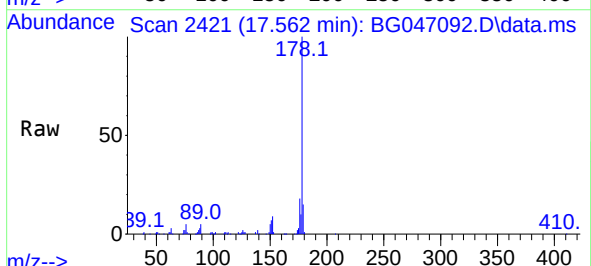
Tgt Ion:178 Resp: 155052
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 15.4 14.0 21.0

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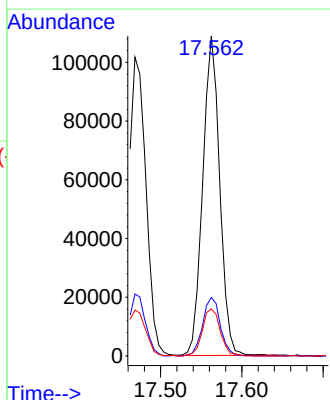
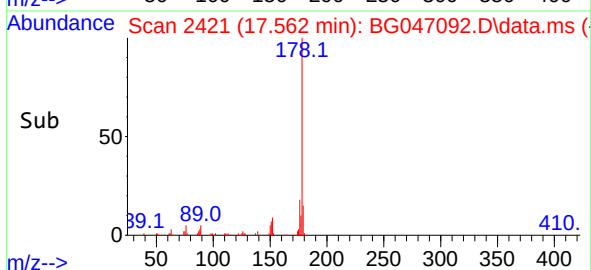
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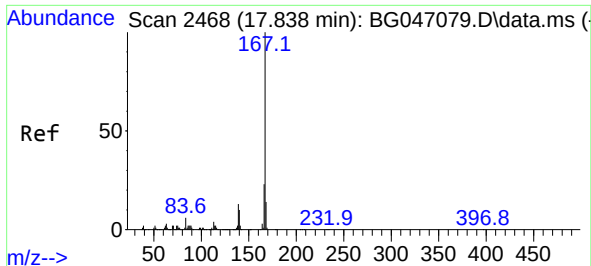


#72
Anthracene
Concen: 11.90 ng
RT: 17.562 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

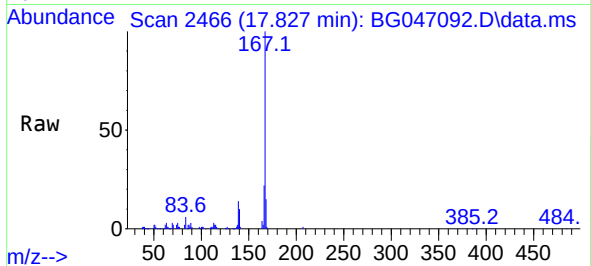


Tgt Ion:178 Resp: 157648
Ion Ratio Lower Upper
178 100
176 18.3 16.4 24.6
179 14.7 13.8 20.6

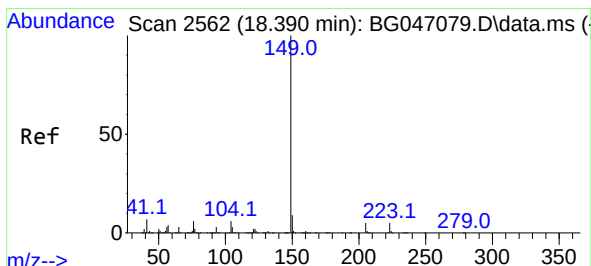
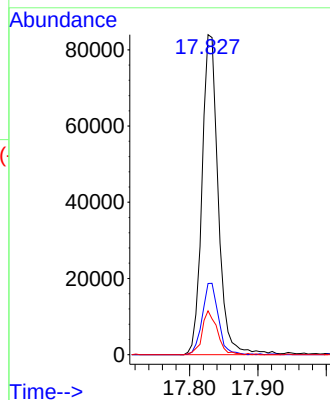
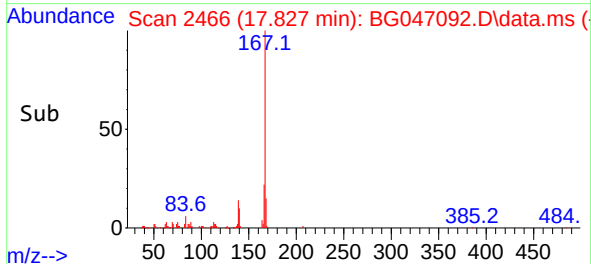




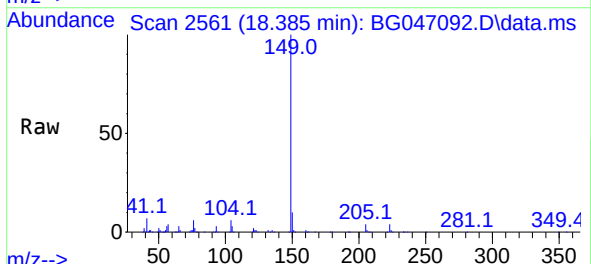
#73
Carbazole
Concen: 11.76 ng
RT: 17.827 min Scan# 2466
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



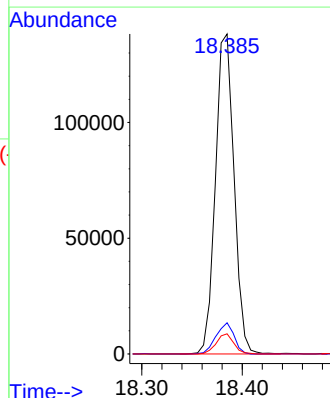
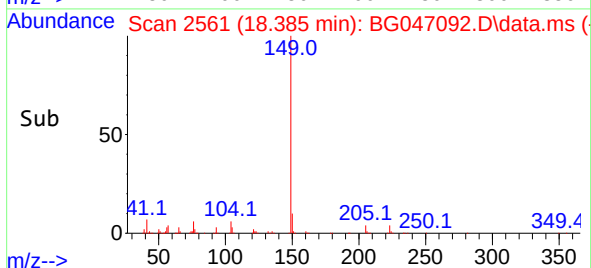
Tgt Ion:167 Resp: 138520
Ion Ratio Lower Upper
167 100
166 22.3 18.7 28.1
139 13.7 9.6 14.4



#74
Di-n-butylphthalate
Concen: 12.21 ng
RT: 18.385 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



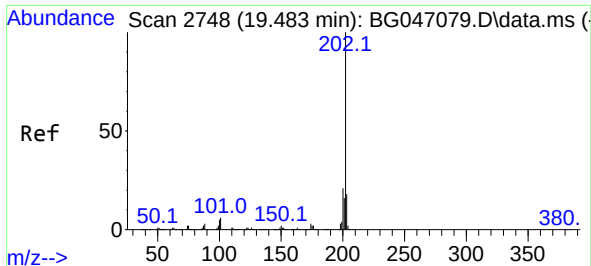
Tgt Ion:149 Resp: 177779
Ion Ratio Lower Upper
149 100
150 9.7 8.2 12.4
104 6.3 3.8 5.8#



Instrument :
BNA_G
ClientSampleId :
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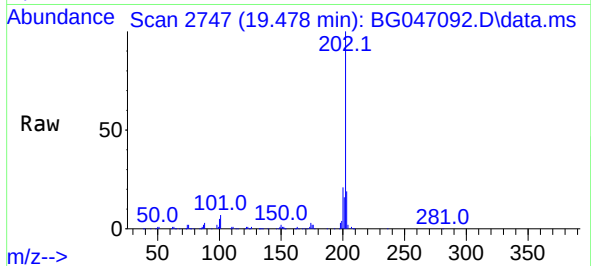
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#75
Fluoranthene
Concen: 12.45 ng
RT: 19.478 min Scan# 2747
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

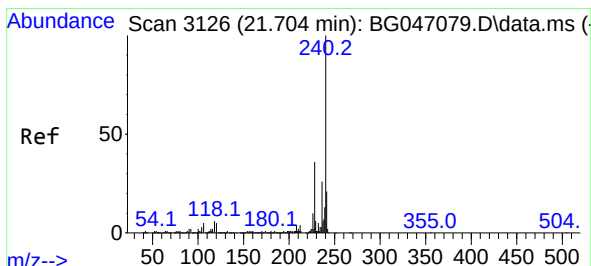
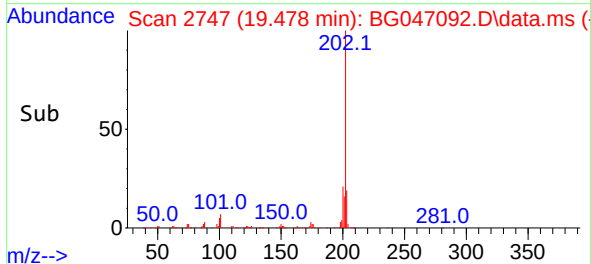
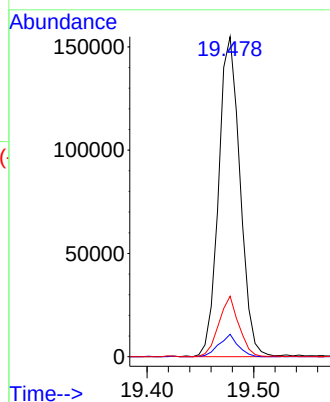
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



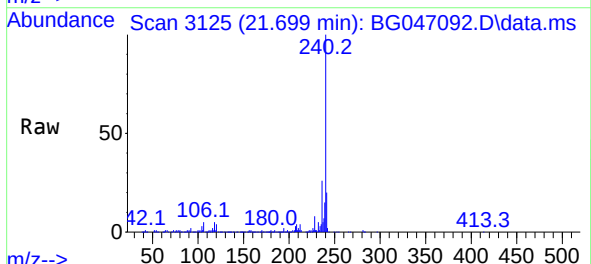
Tgt Ion:202 Resp: 216298
Ion Ratio Lower Upper
202 100
101 7.0 0.0 29.7
203 18.9 0.0 39.2

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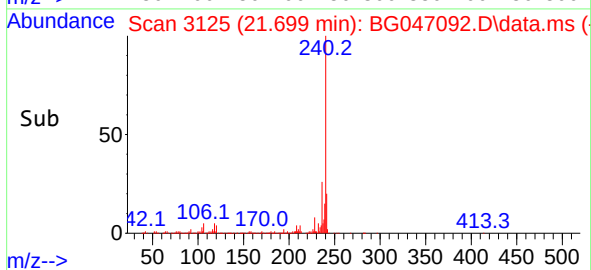
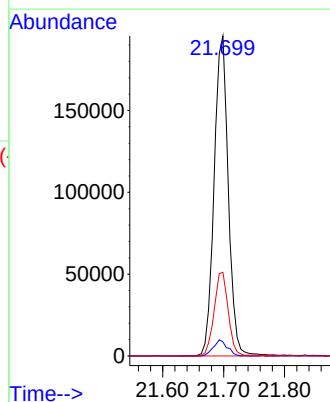
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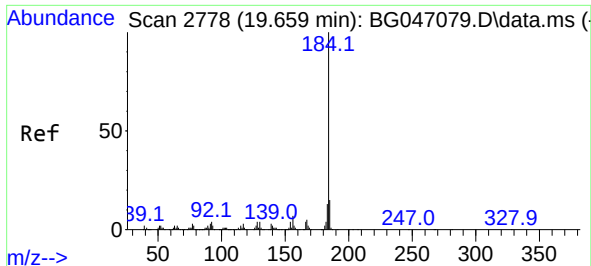


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.699 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:240 Resp: 316895
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 26.1 20.5 30.7





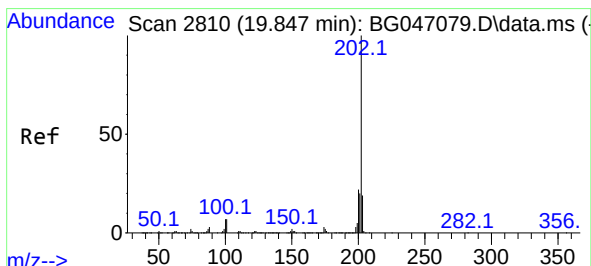
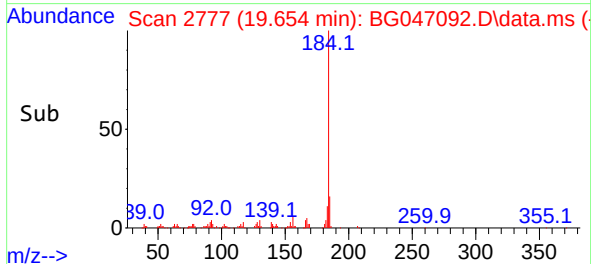
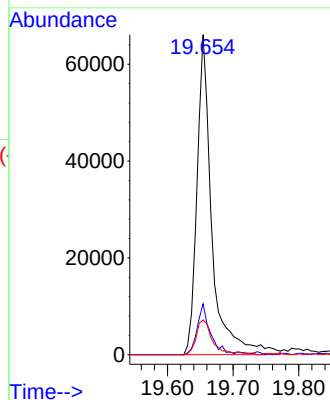
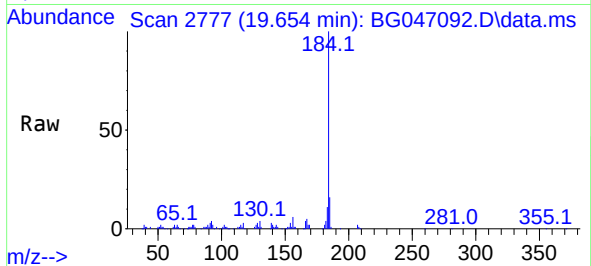
#77
Benzidine
Concen: 14.48 ng
RT: 19.654 min Scan# 2777
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:184 Resp: 104820
Ion Ratio Lower Upper
184 100
185 15.9 12.4 18.6
183 10.9 10.6 15.8

Instrument :
BNA_G
ClientSampleId :
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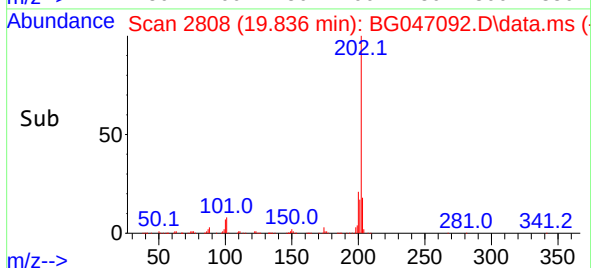
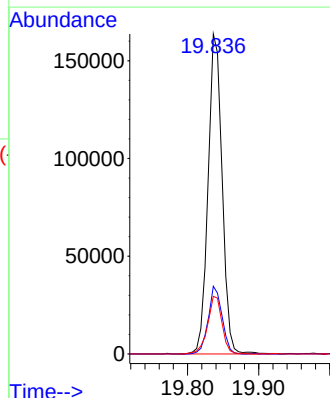
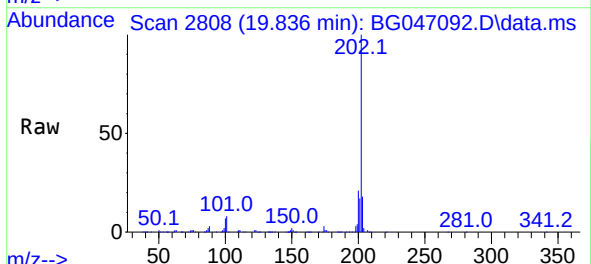
Manual Integrations
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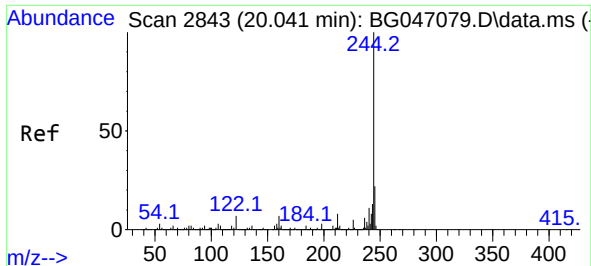
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#78
Pyrene
Concen: 11.16 ng
RT: 19.836 min Scan# 2808
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

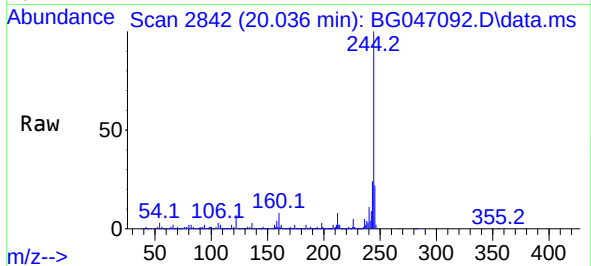
Tgt Ion:202 Resp: 225497
Ion Ratio Lower Upper
202 100
200 21.1 18.6 27.8
203 18.0 15.3 22.9





#79
Terphenyl-d14
Concen: 100.11 ng
RT: 20.036 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

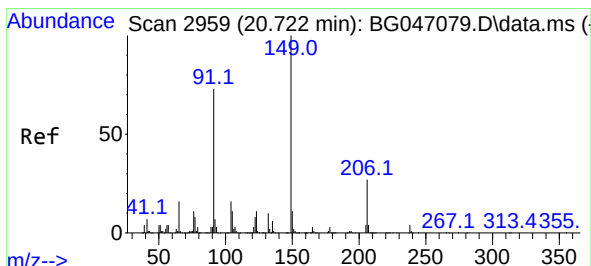
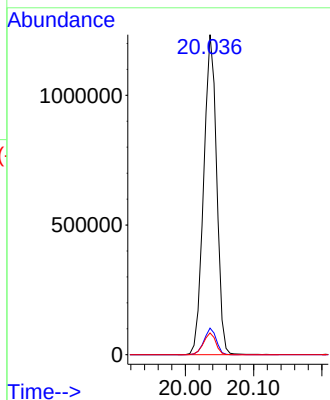
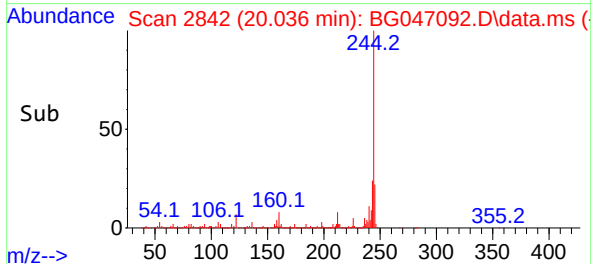
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



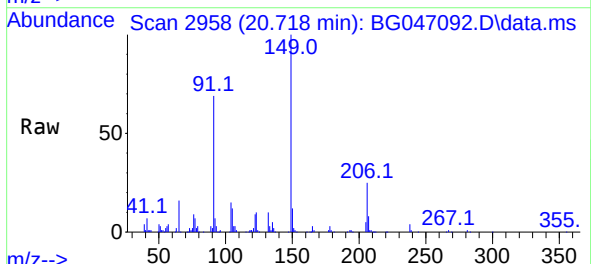
Tgt Ion:244 Resp: 1631553
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.8 7.8 11.6#

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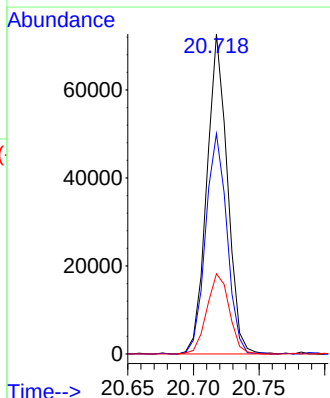
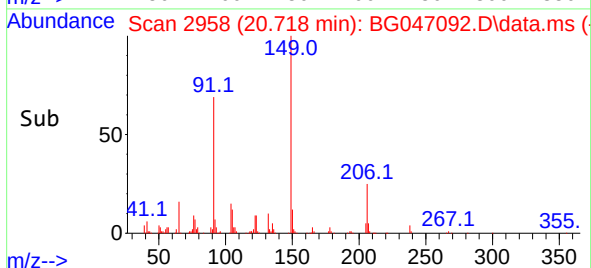
mohammad
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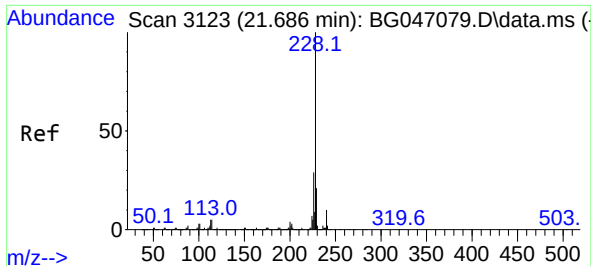


#80
Butylbenzylphthalate
Concen: 10.24 ng
RT: 20.718 min Scan# 2958
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:149 Resp: 79255
Ion Ratio Lower Upper
149 100
91 68.9 51.5 77.3
206 25.1 21.2 31.8





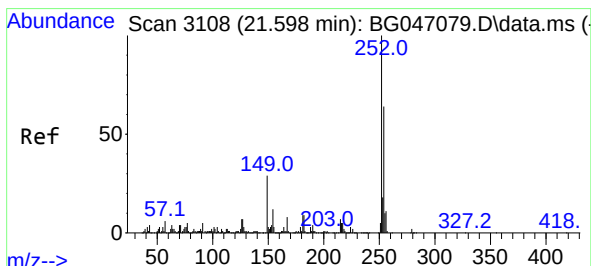
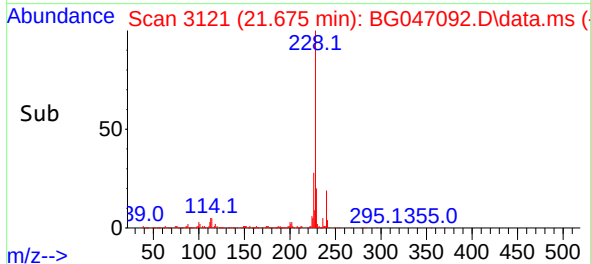
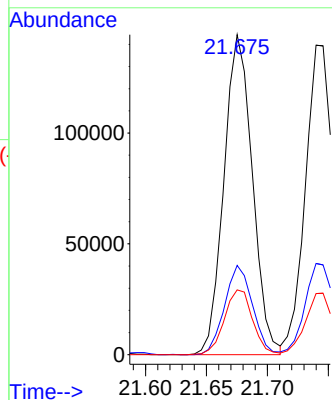
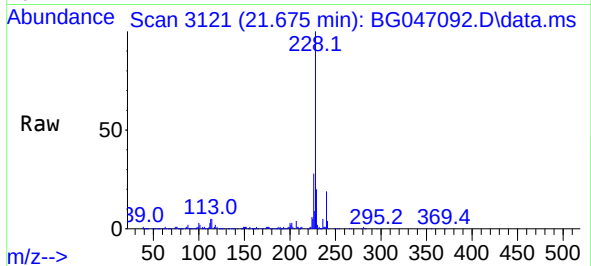
#81
Benzo(a)anthracene
Concen: 11.29 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:228 Resp: 234477
Ion Ratio Lower Upper
228 100
226 27.9 23.3 34.9
229 20.3 17.4 26.0

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

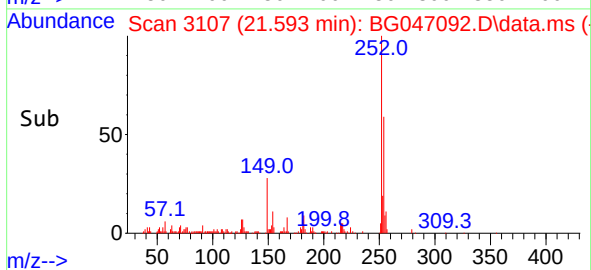
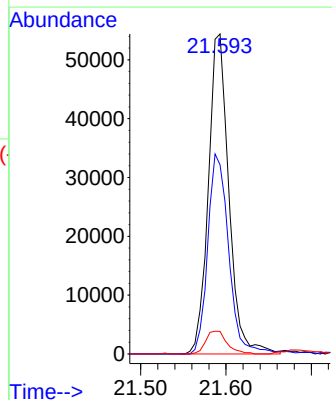
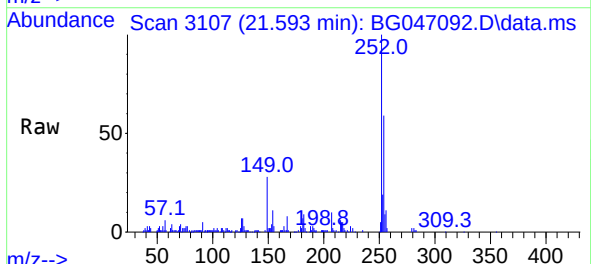
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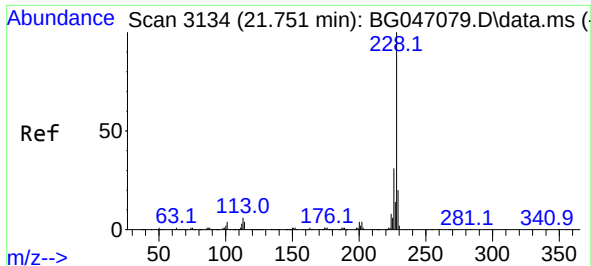
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#82
3,3'-Dichlorobenzidine
Concen: 12.07 ng
RT: 21.593 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:252 Resp: 90912
Ion Ratio Lower Upper
252 100
254 59.1 53.2 79.8
126 7.1 6.8 10.2





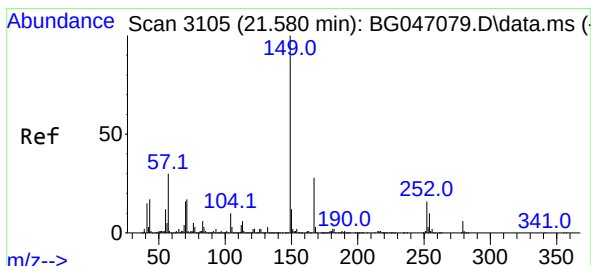
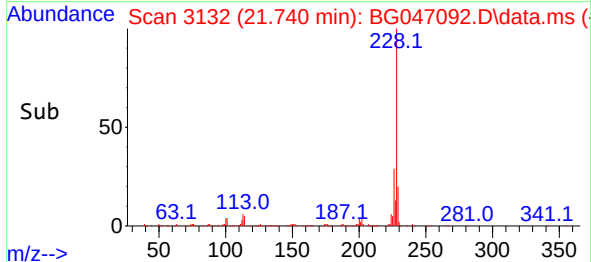
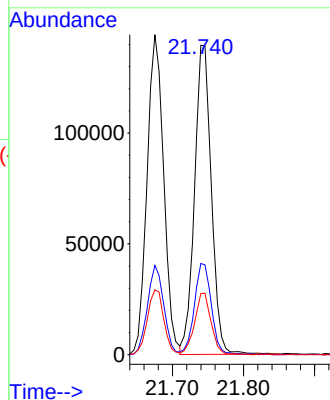
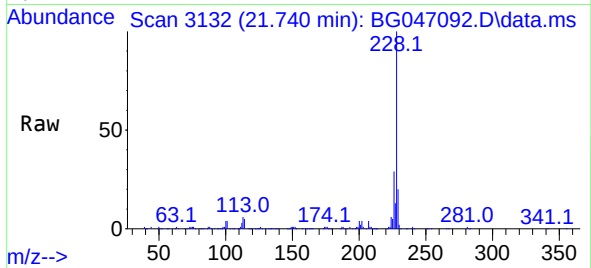
#83
Chrysene
Concen: 11.62 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:228 Resp: 229721
Ion Ratio Lower Upper
228 100
226 29.5 25.0 37.4
229 19.7 17.3 25.9

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

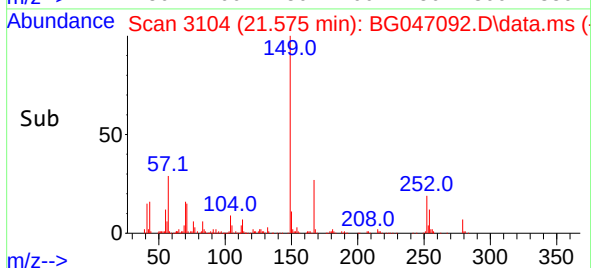
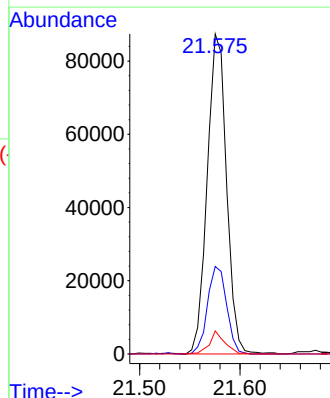
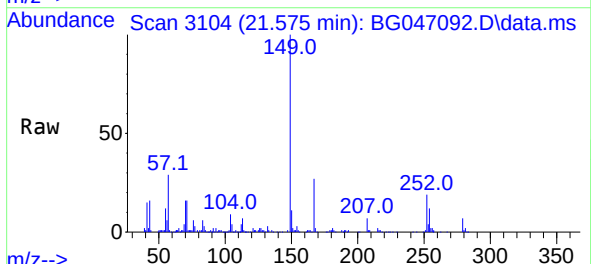
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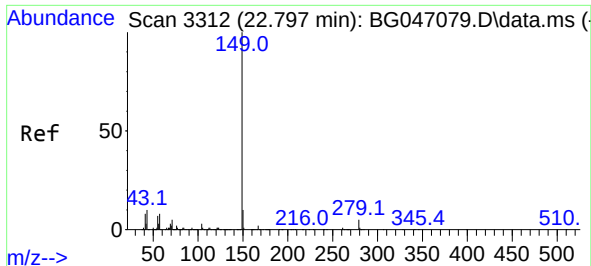
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 10.70 ng
RT: 21.575 min Scan# 3104
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

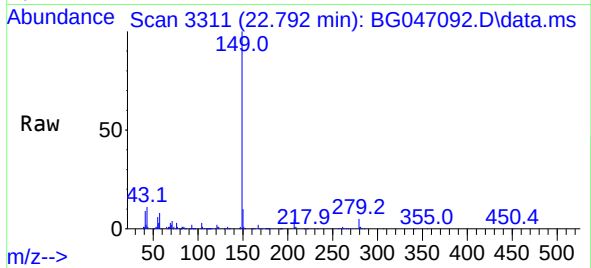
Tgt Ion:149 Resp: 116789
Ion Ratio Lower Upper
149 100
167 27.3 24.8 37.2
279 7.2 4.6 7.0#





#85
Di-n-octyl phthalate
Concen: 10.79 ng
RT: 22.792 min Scan# 3311
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

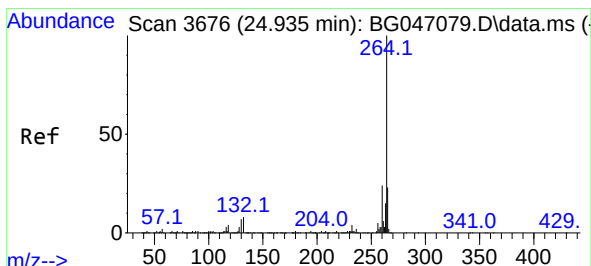
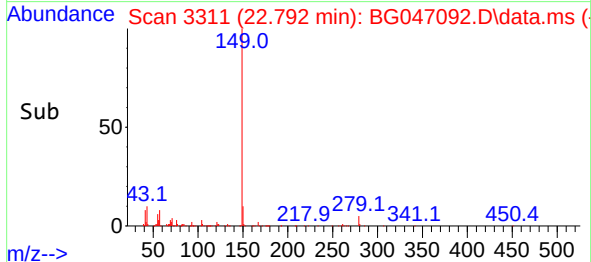
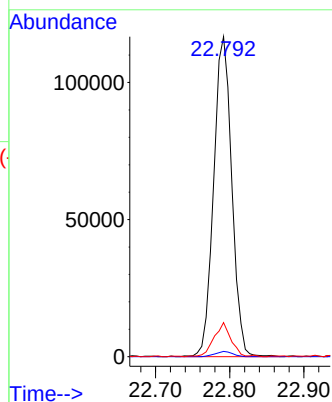
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:149 Resp: 197915
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.2 6.8 10.2

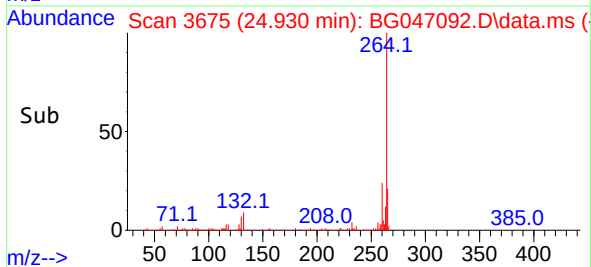
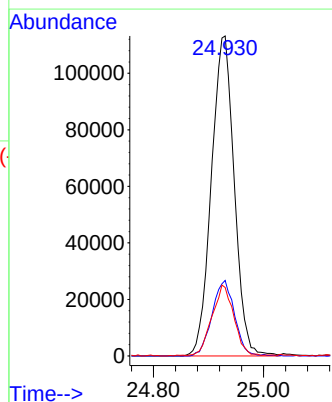
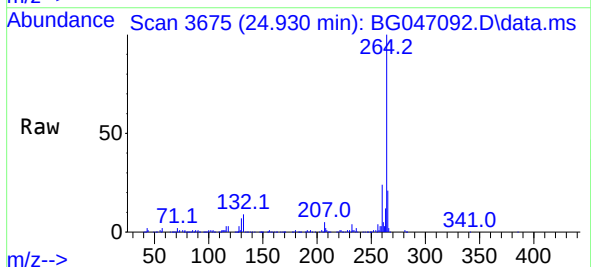
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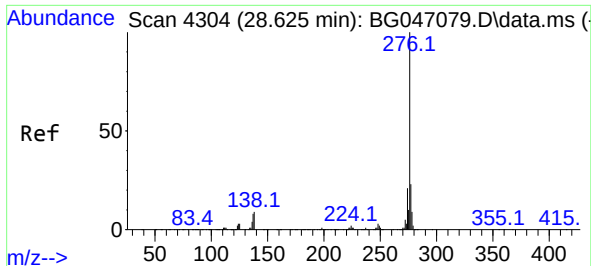
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

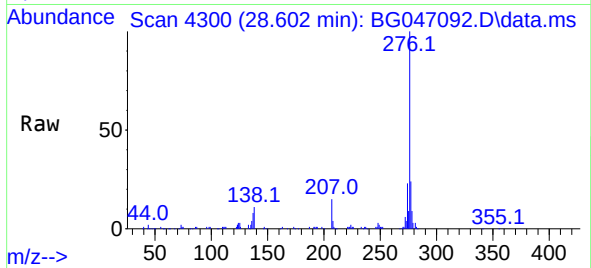
Tgt Ion:264 Resp: 326680
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.4 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.66 ng
RT: 28.602 min Scan# 4300
Delta R.T. -0.023 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

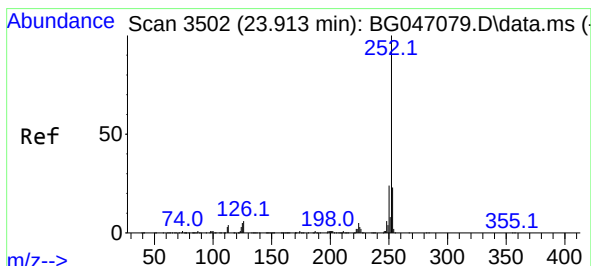
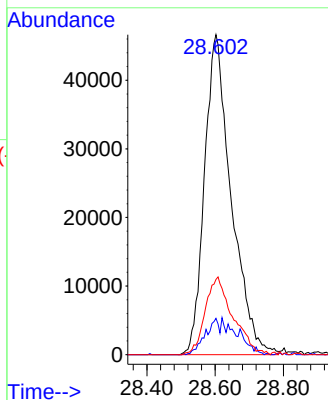
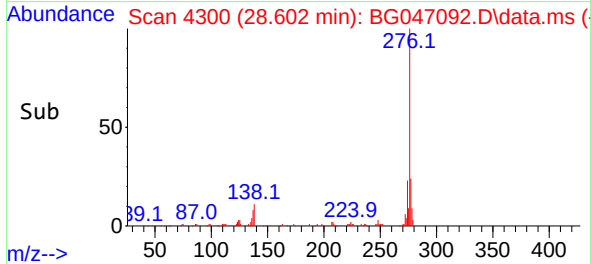
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



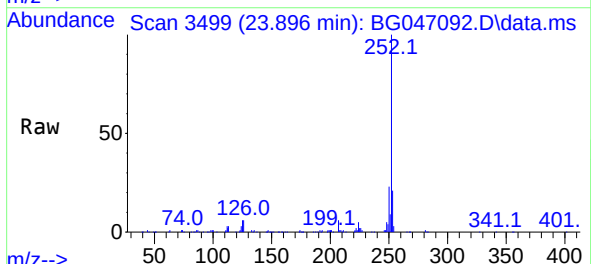
Tgt Ion:276 Resp: 254325
Ion Ratio Lower Upper
276 100
138 6.0 16.2 24.2#
277 25.1 20.3 30.5

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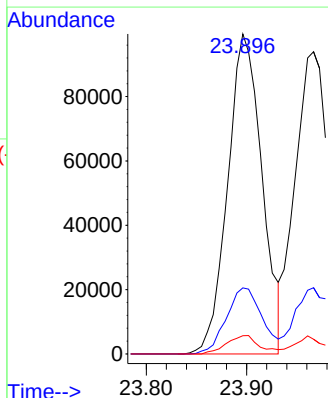
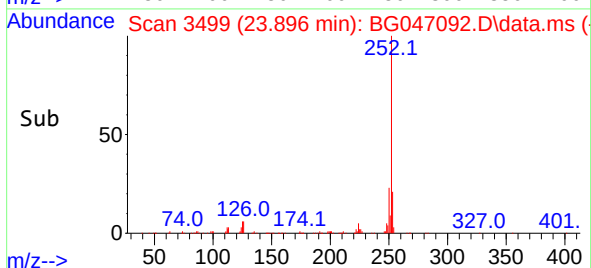
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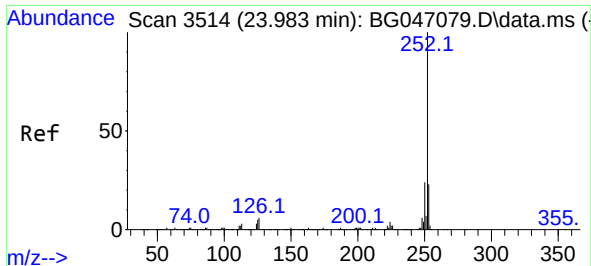


#88
Benzo(b)fluoranthene
Concen: 11.08 ng
RT: 23.896 min Scan# 3499
Delta R.T. -0.017 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:252 Resp: 236575
Ion Ratio Lower Upper
252 100
253 20.6 18.7 28.1
125 5.7 6.5 9.7#





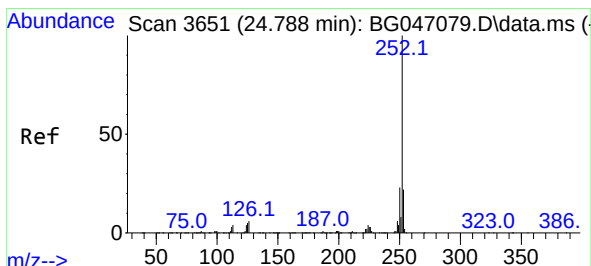
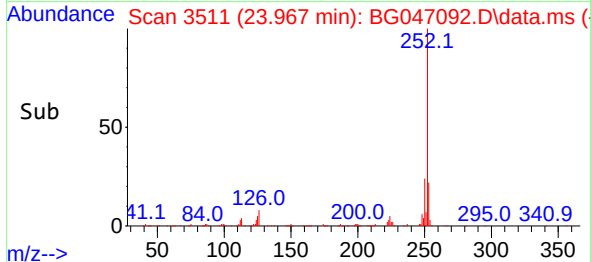
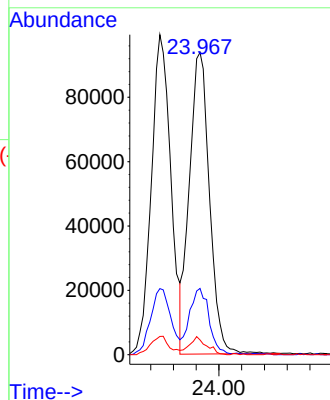
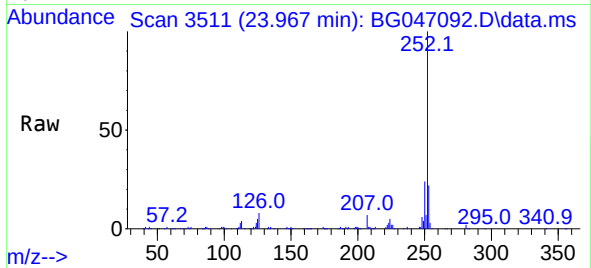
#89
Benzo(k)fluoranthene
Concen: 11.12 ng
RT: 23.967 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

Tgt Ion:252 Resp: 230568
Ion Ratio Lower Upper
252 100
253 21.9 18.6 27.8
125 4.9 6.8 10.2#

Instrument :
BNA_G
ClientSampleId :
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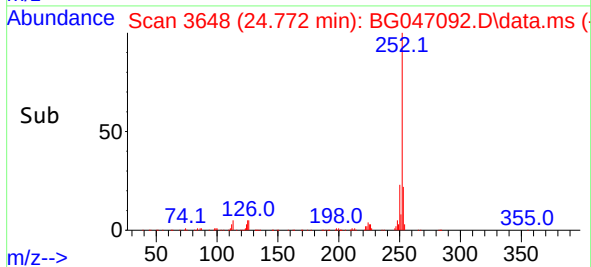
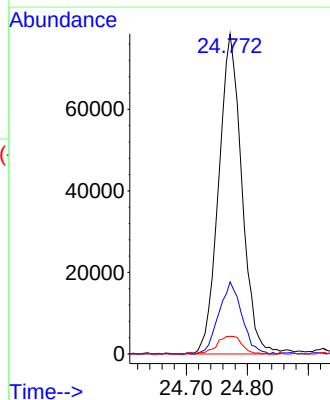
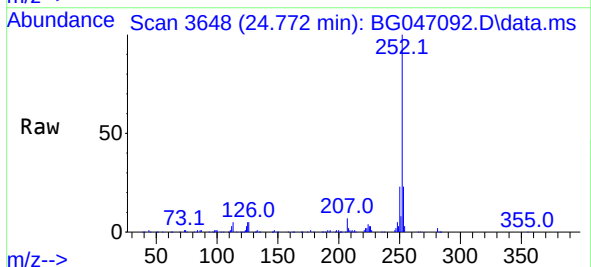
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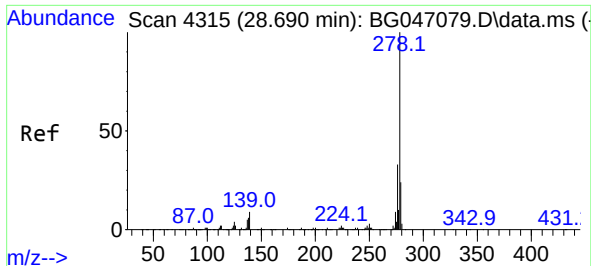
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#90
Benzo(a)pyrene
Concen: 10.37 ng
RT: 24.772 min Scan# 3648
Delta R.T. -0.017 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

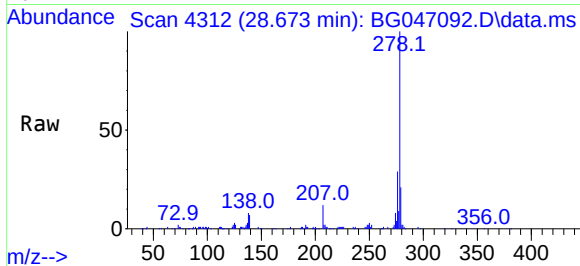
Tgt Ion:252 Resp: 206947
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 5.5 7.0 10.4#





#91
Dibenzo(a,h)anthracene
Concen: 11.07 ng
RT: 28.673 min Scan# 4312
Delta R.T. -0.017 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02

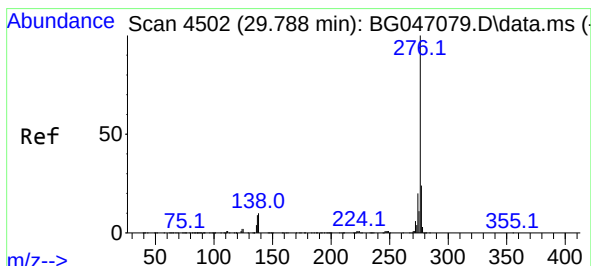
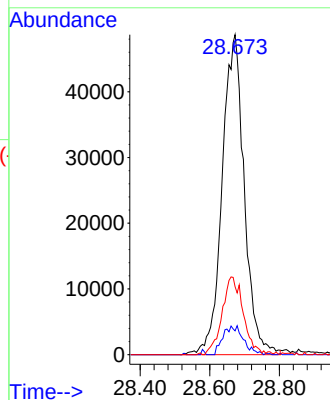
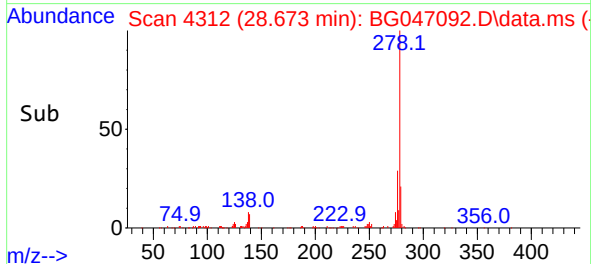
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2020



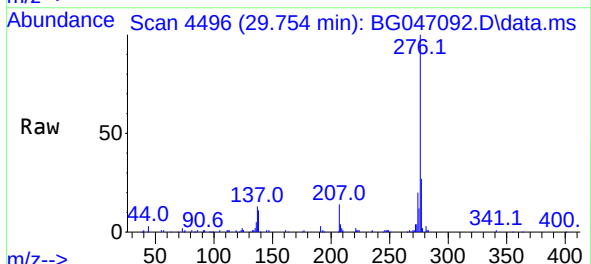
Tgt Ion:278 Resp: 214517
Ion Ratio Lower Upper
278 100
139 7.4 10.5 15.7#
279 21.2 19.4 29.0

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#92
Benzo(g,h,i)perylene
Concen: 11.06 ng
RT: 29.754 min Scan# 4496
Delta R.T. -0.034 min
Lab File: BG047092.D
Acq: 27 Oct 2020 13:02



Tgt Ion:276 Resp: 212933
Ion Ratio Lower Upper
276 100
277 27.0 19.6 29.4
138 11.5 13.4 20.2#

