

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050607.D
 Acq On : 15 Oct 2021 17:26
 Operator : CG/JU
 Sample : M4195-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HAR-SOILPILE MS

Manual Integrations
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Quant Time: Oct 15 18:12:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	42733	20.00	ng	0.00
21) Naphthalene-d8	11.079	136	178712	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	118344	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	257068	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	224458	20.00	ng	# 0.00
86) Perylene-d12	25.327	264	228426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	381497	133.51	ng	0.00
7) Phenol-d6	7.401	99	489740	118.38	ng	0.00
23) Nitrobenzene-d5	9.428	82	387584	89.78	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	154411	136.79	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	691829	87.98	ng	0.00
79) Terphenyl-d14	20.204	244	1009291	87.63	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.670	88	56030	37.86	ng	# 26
3) Pyridine	4.081	79	107139	26.50	ng	94
4) n-Nitrosodimethylamine	3.982	42	86884	45.60	ng	# 51
6) Aniline	7.577	93	143197	29.79	ng	95
8) 2-Chlorophenol	7.818	128	147149	53.49	ng	89
9) Benzaldehyde	7.389	77	108619	41.88	ng	93
10) Phenol	7.430	94	185181	46.04	ng	86
11) bis(2-Chloroethyl)ether	7.665	93	150297	47.87	ng	87
12) 1,3-Dichlorobenzene	8.141	146	148663	46.81	ng	96
13) 1,4-Dichlorobenzene	8.294	146	152132	47.52	ng	97
14) 1,2-Dichlorobenzene	8.611	146	146839	48.02	ng	94
15) Benzyl Alcohol	8.494	79	170837	52.26	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.776	45	247231	48.29	ng	86
17) 2-Methylphenol	8.688	107	137381	51.91	ng	94
18) Hexachloroethane	9.352	117	59559	49.15	ng	91
19) n-Nitroso-di-n-propyla...	9.064	70	144136	47.80	ng	# 88
20) 3+4-Methylphenols	9.017	107	183825	49.34	ng	95
22) Acetophenone	9.081	105	238181	46.88	ng	# 98
24) Nitrobenzene	9.475	77	206438	48.09	ng	97
25) Isophorone	9.992	82	370442	48.38	ng	# 96
26) 2-Nitrophenol	10.186	139	83654	53.07	ng	# 91
27) 2,4-Dimethylphenol	10.233	122	154092	56.58	ng	90
28) bis(2-Chloroethoxy)met...	10.468	93	206961	47.27	ng	93
29) 2,4-Dichlorophenol	10.721	162	146306	52.71	ng	95
30) 1,2,4-Trichlorobenzene	10.938	180	144122	45.71	ng	99
31) Naphthalene	11.132	128	602748	63.01	ng	98
32) Benzoic acid	10.304	122	8247m	4.08	ng	
33) 4-Chloroaniline	11.238	127	37801	9.42	ng	92
34) Hexachlorobutadiene	11.402	225	90979	45.96	ng	97
35) Caprolactam	12.013	113	45467m	42.80	ng	
36) 4-Chloro-3-methylphenol	12.336	107	174496	50.30	ng	# 91
37) 2-Methylnaphthalene	12.718	142	358625	54.33	ng	93
38) 1-Methylnaphthalene	12.936	142	337266	52.70	ng	93
40) 1,2,4,5-Tetrachloroben...	13.077	216	161125	46.10	ng	97
41) Hexachlorocyclopentadiene	13.053	237	198735	98.40	ng	93
43) 2,4,6-Trichlorophenol	13.312	196	120455	48.91	ng	93

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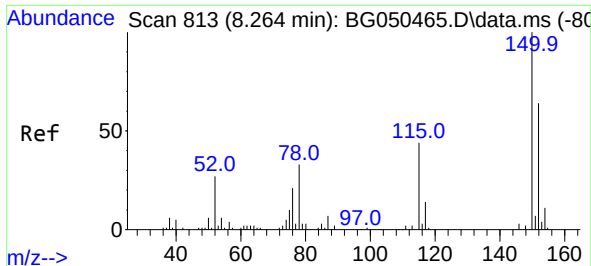
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	127136	49.38	ng	89
46) 1,1'-Biphenyl	13.711	154	395833	45.86	ng	94
47) 2-Chloronaphthalene	13.758	162	311266	46.96	ng	98
48) 2-Nitroaniline	13.958	65	137363	52.10	ng	96
49) Acenaphthylene	14.604	152	512869	47.22	ng	97
50) Dimethylphthalate	14.322	163	442916	49.51	ng	100
51) 2,6-Dinitrotoluene	14.446	165	92015	51.36	ng	92
52) Acenaphthene	14.939	154	328544	47.08	ng	92
53) 3-Nitroaniline	14.775	138	65070	30.70	ng	86
54) 2,4-Dinitrophenol	14.980	184	27923	25.12	ng	89
55) Dibenzofuran	15.268	168	494828	45.85	ng	98
56) 4-Nitrophenol	15.074	139	148701	87.23	ng	# 83
57) 2,4-Dinitrotoluene	15.227	165	130684	51.75	ng	94
58) Fluorene	15.915	166	399774	48.22	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.492	232	106261	47.38	ng	93
60) Diethylphthalate	15.674	149	443527	47.19	ng	97
61) 4-Chlorophenyl-phenyle...	15.903	204	209525	46.19	ng	97
62) 4-Nitroaniline	15.938	138	101289	45.94	ng	# 71
63) Azobenzene	16.197	77	497801	45.76	ng	83
65) 4,6-Dinitro-2-methylph...	15.985	198	39807	25.78	ng	86
66) n-Nitrosodiphenylamine	16.120	169	357349	48.92	ng	97
67) 4-Bromophenyl-phenylether	16.796	248	123066	47.51	ng	99
68) Hexachlorobenzene	16.919	284	124883	48.51	ng	# 92
69) Atrazine	17.054	200	145284	50.49	ng	98
70) Pentachlorophenol	17.260	266	122447	69.86	ng	98
71) Phenanthrene	17.660	178	664952	49.09	ng	98
72) Anthracene	17.754	178	656519	48.77	ng	98
73) Carbazole	18.018	167	614584	45.81	ng	98
74) Di-n-butylphthalate	18.553	149	752756	47.81	ng	97
75) Fluoranthene	19.657	202	760302	45.66	ng	96
77) Benzidine	19.828	184	146930	20.20	ng	99
78) Pyrene	20.016	202	768474	48.25	ng	97
80) Butylbenzylphthalate	20.885	149	336617	49.97	ng	95
81) Benzo(a)anthracene	21.896	228	699128	47.07	ng	99
82) 3,3'-Dichlorobenzidine	21.802	252	159537	32.41	ng	# 96
83) Chrysene	21.966	228	671619	48.07	ng	96
84) Bis(2-ethylhexyl)phtha...	21.772	149	487816	50.97	ng	# 96
85) Di-n-octyl phthalate	23.047	149	830312	52.01	ng	96
87) Indeno(1,2,3-cd)pyrene	29.258	276	773803	48.64	ng	# 88
88) Benzo(b)fluoranthene	24.240	252	718467	51.36	ng	# 94
89) Benzo(k)fluoranthene	24.317	252	669356	48.64	ng	# 97
90) Benzo(a)pyrene	25.169	252	684765	57.57	ng	# 94
91) Dibenzo(a,h)anthracene	29.328	278	653289	49.64	ng	# 94
92) Benzo(g,h,i)perylene	30.486	276	647861	50.27	ng	# 91

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



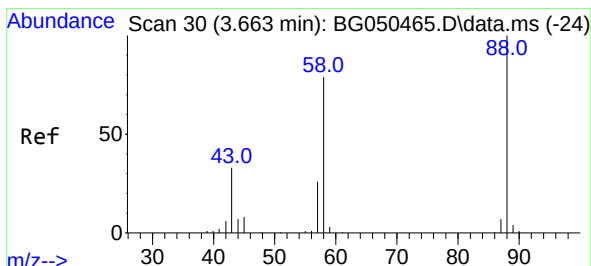
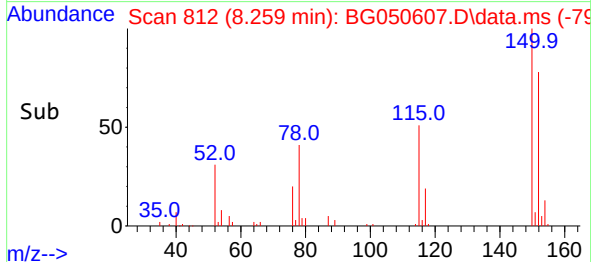
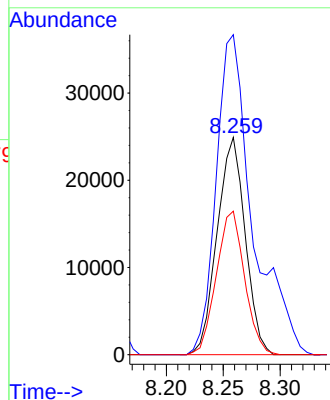
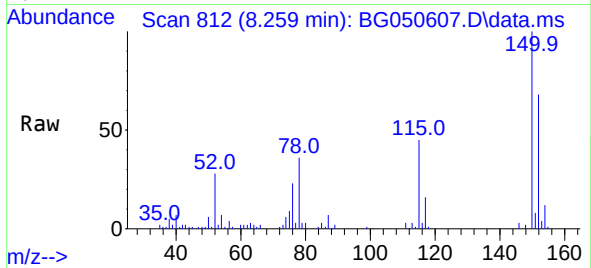
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:152 Resp: 42733
Ion Ratio Lower Upper
152 100
150 147.3 119.4 179.0
115 66.1 60.2 90.4

Instrument :
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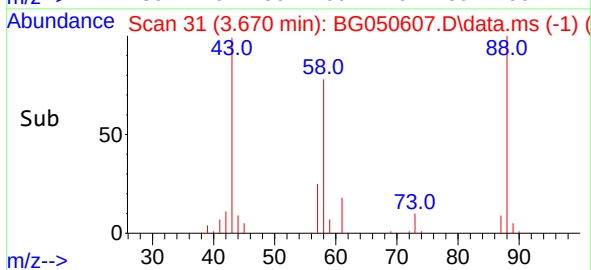
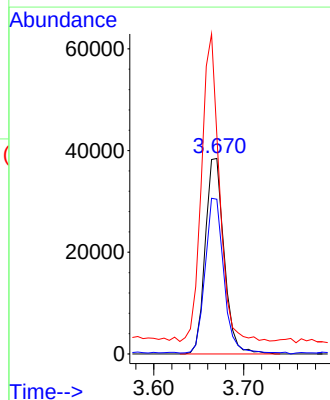
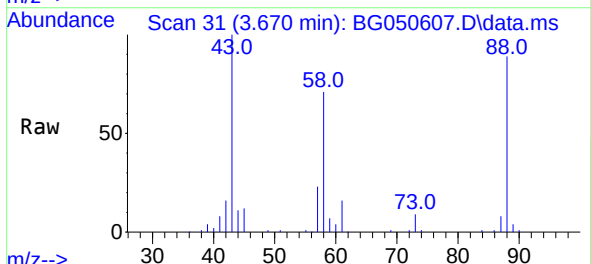
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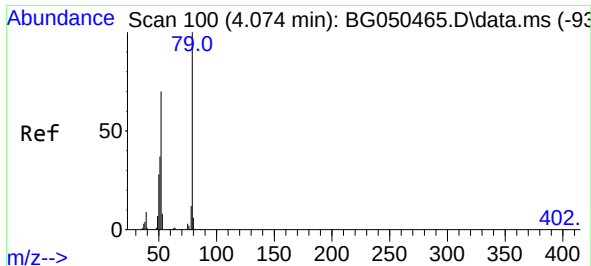
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#2
1,4-Dioxane
Concen: 37.86 ng
RT: 3.670 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 88 Resp: 56030
Ion Ratio Lower Upper
88 100
58 80.4 55.7 83.5
43 148.8 29.3 43.9#





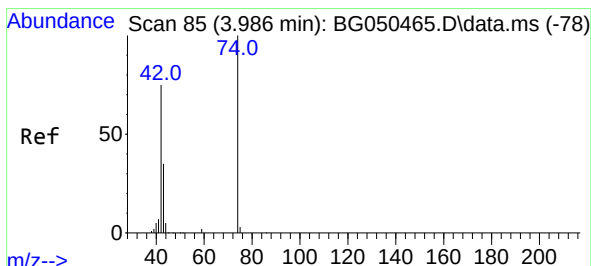
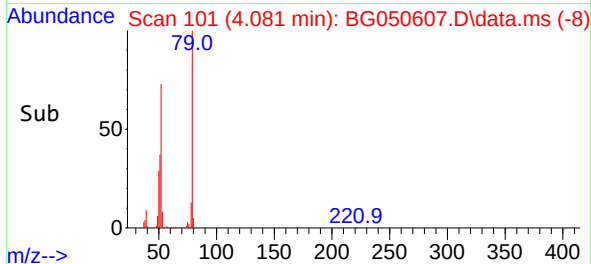
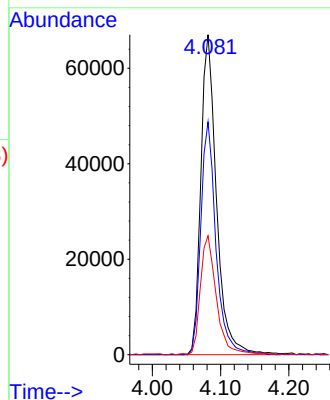
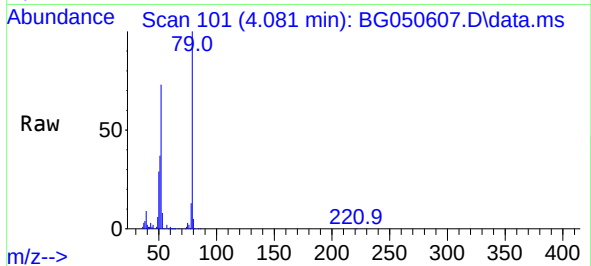
#3
Pyridine
Concen: 26.50 ng
RT: 4.081 min Scan# 101
Delta R.T. 0.018 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 79 Resp: 107139
Ion Ratio Lower Upper
79 100
52 72.8 58.4 87.6
51 37.2 37.0 55.6

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

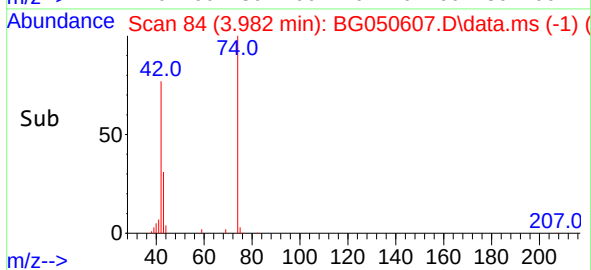
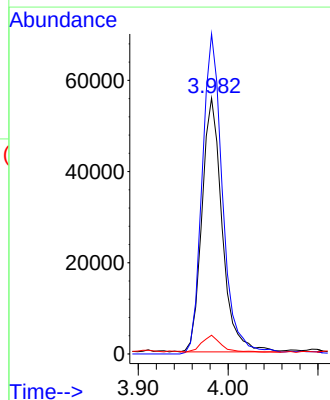
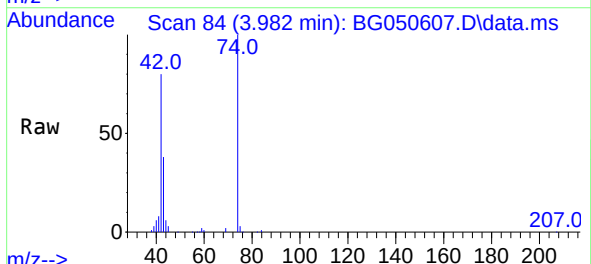
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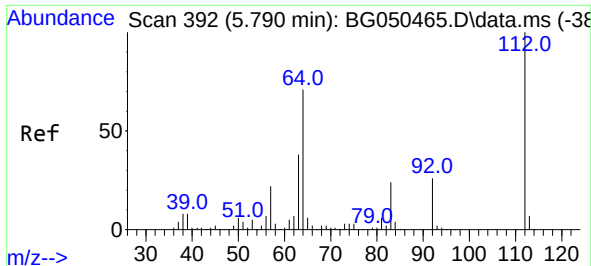
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#4
n-Nitrosodimethylamine
Concen: 45.60 ng
RT: 3.982 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 42 Resp: 86884
Ion Ratio Lower Upper
42 100
74 125.1 64.0 96.0#
44 7.3 2.7 4.1#





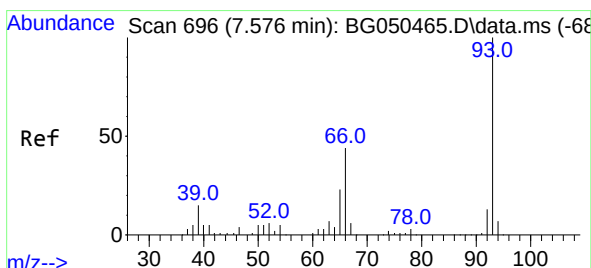
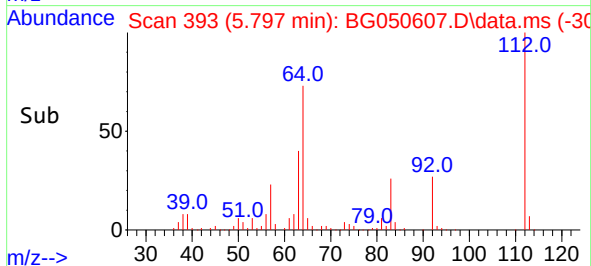
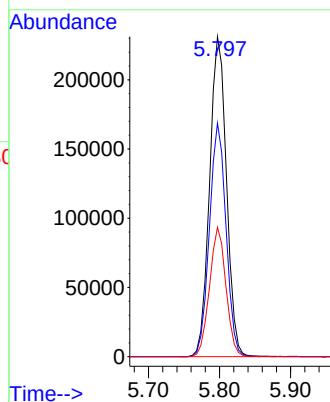
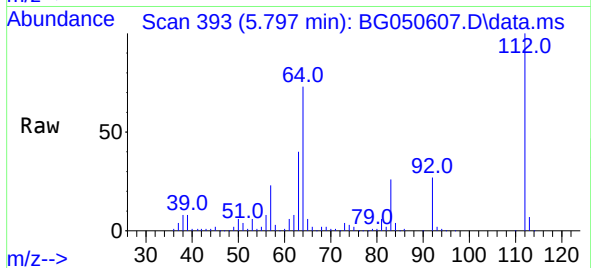
#5
2-Fluorophenol
Concen: 133.51 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 112 Resp: 381497
Ion Ratio Lower Upper
112 100
64 73.0 46.7 70.1#
63 40.4 35.3 52.9

Instrument :
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ClientSampleId :
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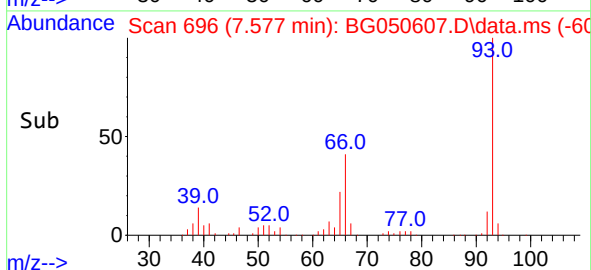
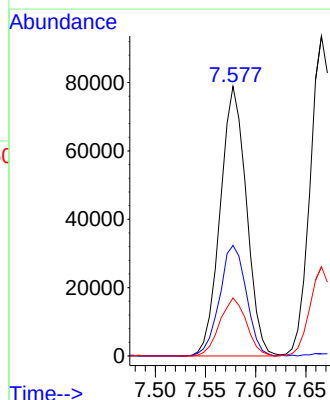
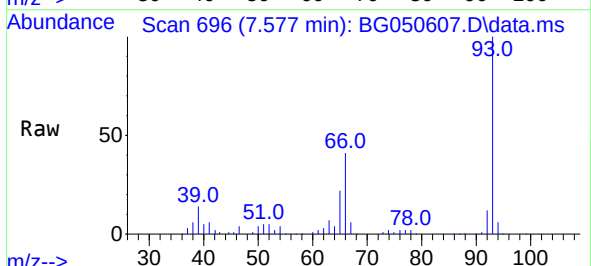
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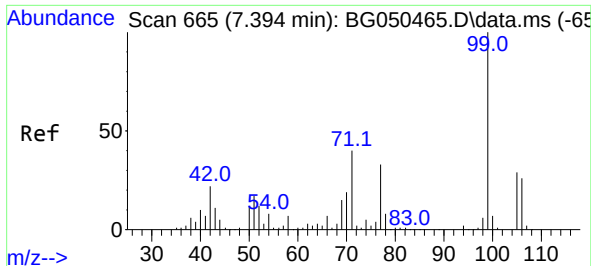
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#6
Aniline
Concen: 29.79 ng
RT: 7.577 min Scan# 696
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 93 Resp: 143197
Ion Ratio Lower Upper
93 100
66 41.0 30.6 45.8
65 21.6 15.0 22.4





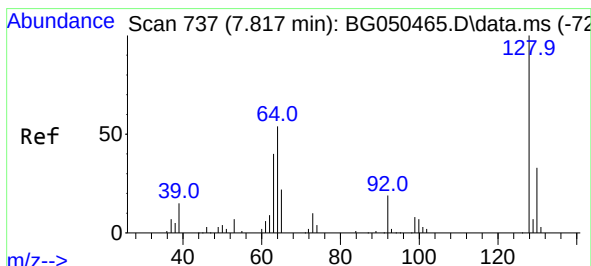
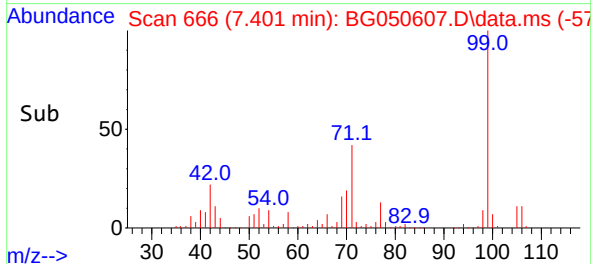
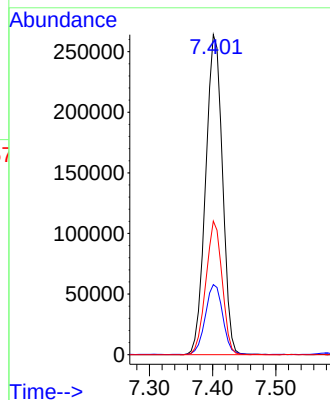
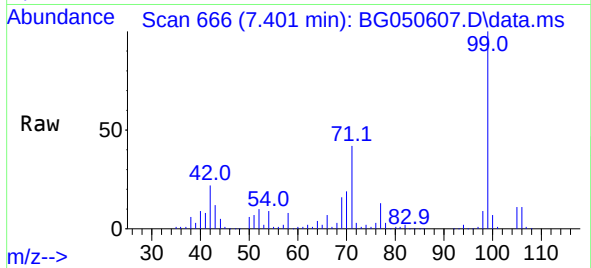
#7
Phenol-d6
Concen: 118.38 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 99 Resp: 489740
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 41.7 41.5 62.3

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ClientSampleId :
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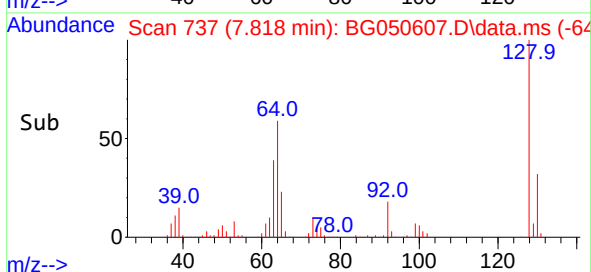
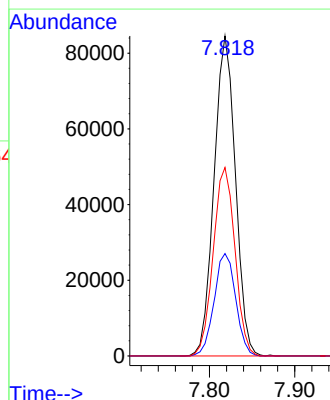
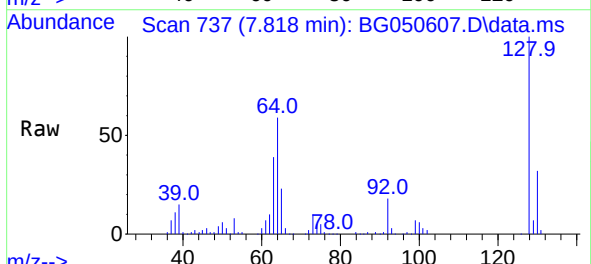
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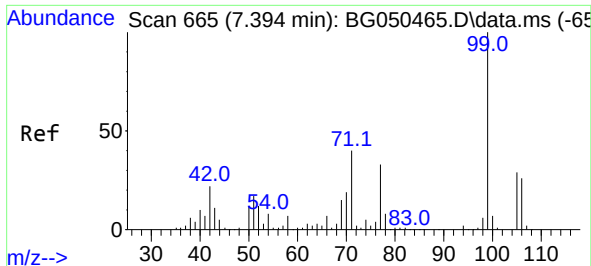
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#8
2-Chlorophenol
Concen: 53.49 ng
RT: 7.818 min Scan# 737
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 128 Resp: 147149
Ion Ratio Lower Upper
128 100
130 32.0 10.0 50.0
64 58.9 28.1 68.1





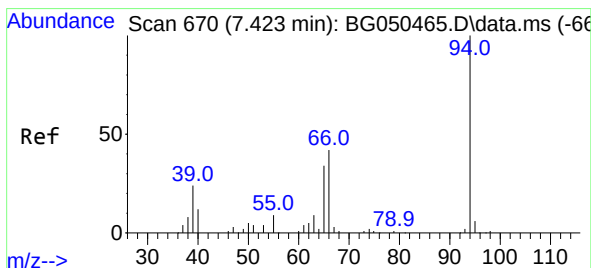
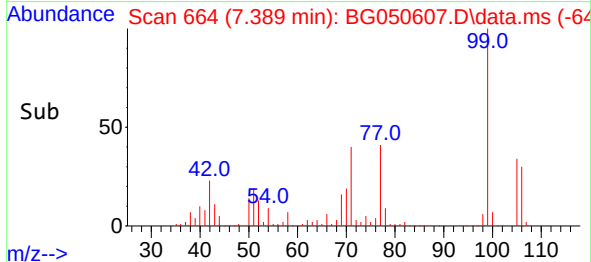
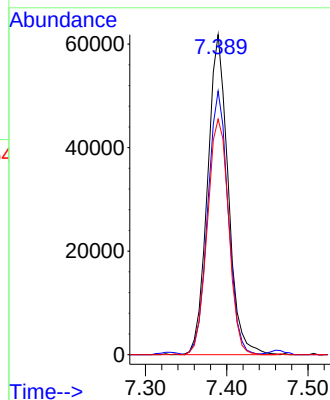
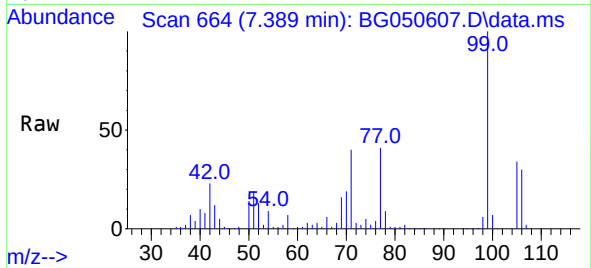
#9
Benzaldehyde
Concen: 41.88 ng
RT: 7.389 min Scan# 664
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 77 Resp: 108619
Ion Ratio Lower Upper
77 100
105 82.4 68.8 108.8
106 73.6 47.9 87.9

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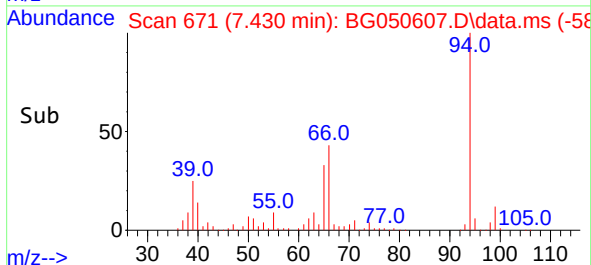
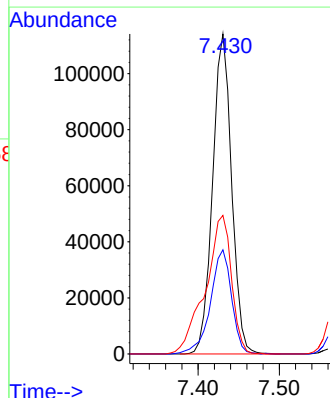
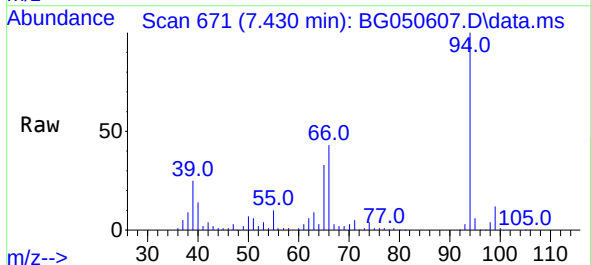
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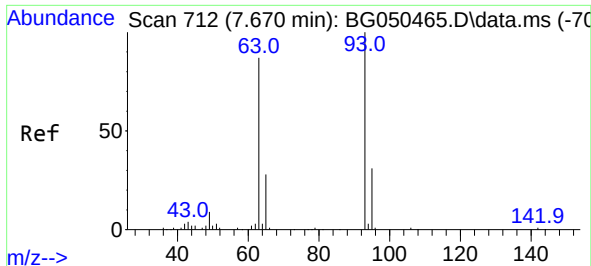
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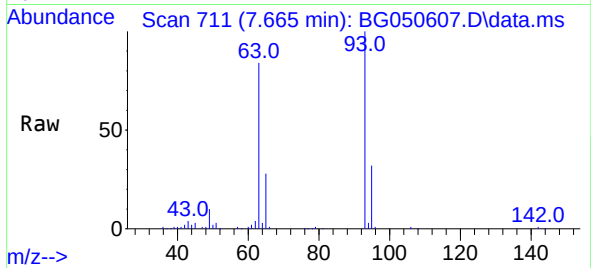
#10
Phenol
Concen: 46.04 ng
RT: 7.430 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 94 Resp: 185181
Ion Ratio Lower Upper
94 100
65 32.6 12.9 52.9
66 43.3 39.4 79.4

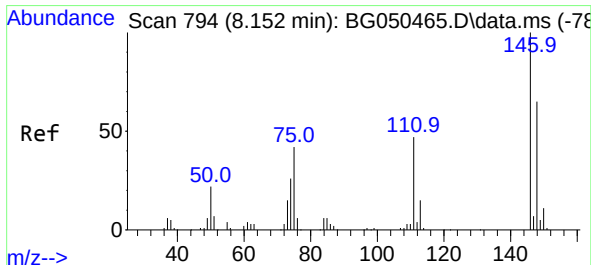
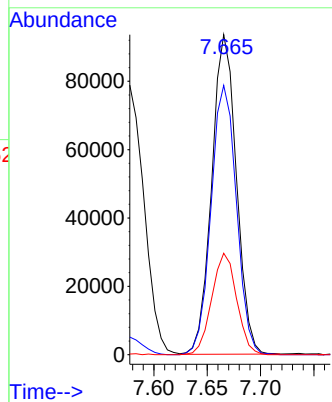
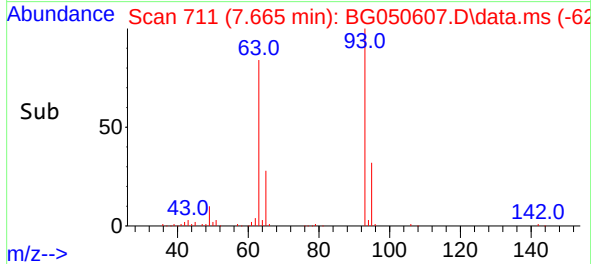




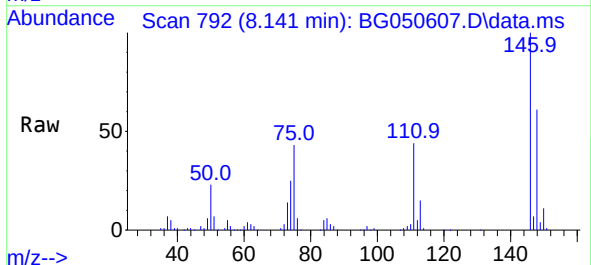
#11
bis(2-Chloroethyl)ether
Concen: 47.87 ng
RT: 7.665 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



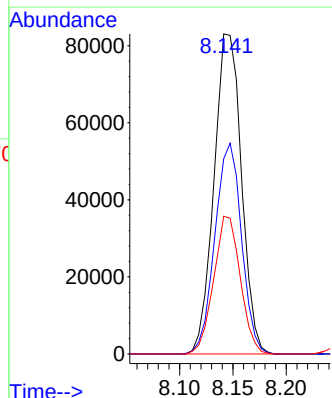
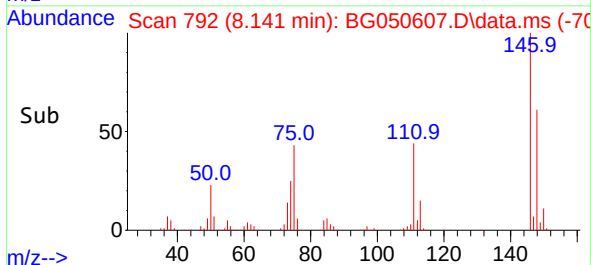
Tgt Ion: 93 Resp: 150297
Ion Ratio Lower Upper
93 100
63 84.1 50.4 90.4
95 31.7 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 46.81 ng
RT: 8.141 min Scan# 792
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



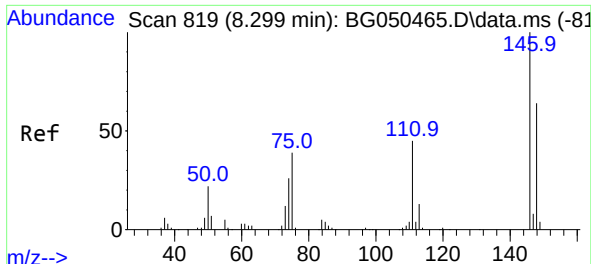
Tgt Ion: 146 Resp: 148663
Ion Ratio Lower Upper
146 100
148 61.0 52.6 78.8
75 43.0 35.7 53.5



Instrument :
BNA_G
ClientSampleId :
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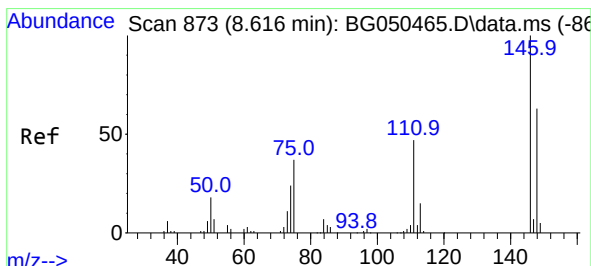
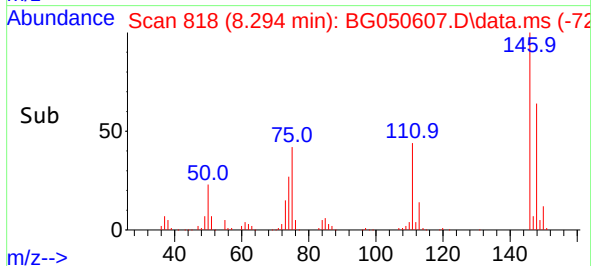
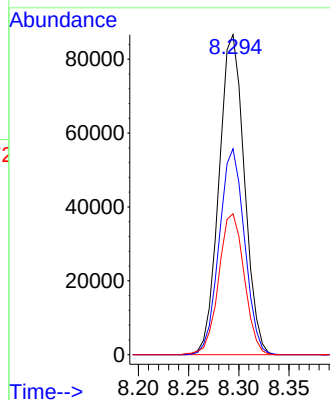
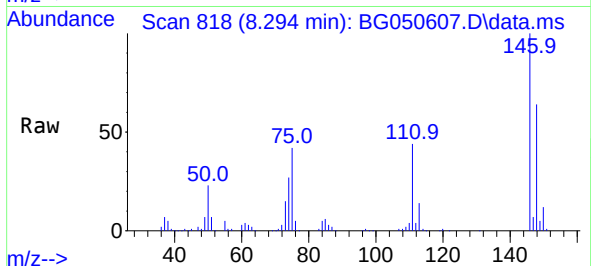
#13
1,4-Dichlorobenzene
Concen: 47.52 ng
RT: 8.294 min Scan# 818
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:146 Resp: 152132
Ion Ratio Lower Upper
146 100
148 64.3 54.0 81.0
111 44.1 34.3 51.5

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

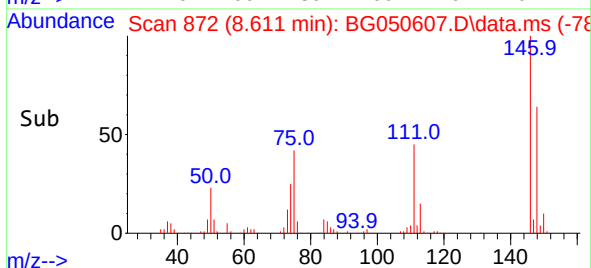
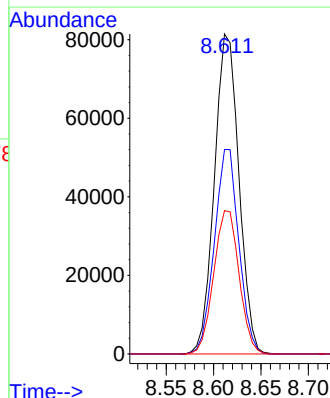
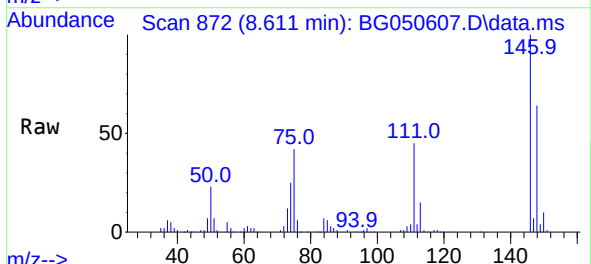
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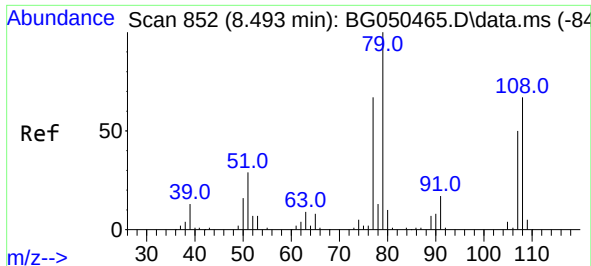
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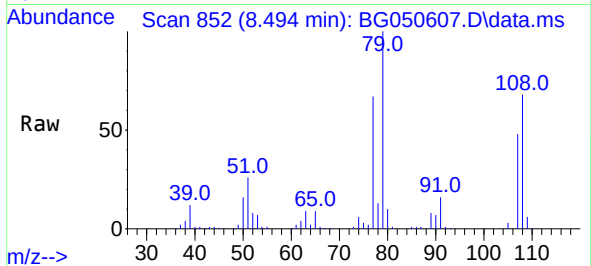
#14
1,2-Dichlorobenzene
Concen: 48.02 ng
RT: 8.611 min Scan# 872
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:146 Resp: 146839
Ion Ratio Lower Upper
146 100
148 63.9 47.5 71.3
111 44.8 39.1 58.7





#15
Benzyl Alcohol
Concen: 52.26 ng
RT: 8.494 min Scan# 852
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



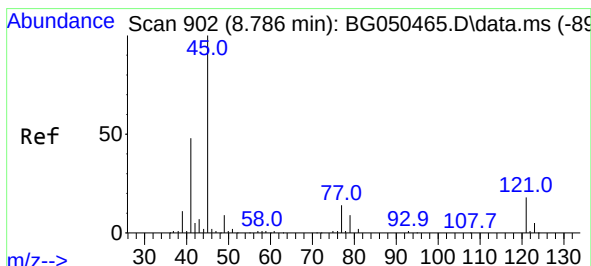
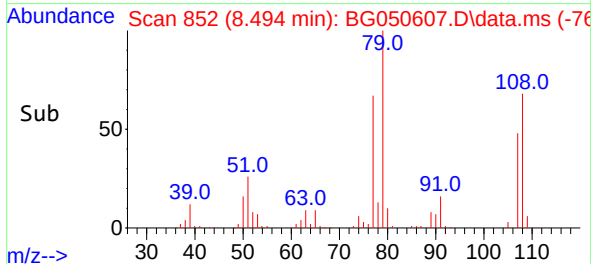
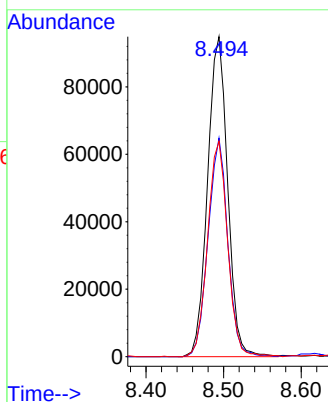
Tgt Ion: 79 Resp: 170837

Ion	Ratio	Lower	Upper
79	100		
108	68.3	48.2	72.4
77	67.3	57.3	85.9

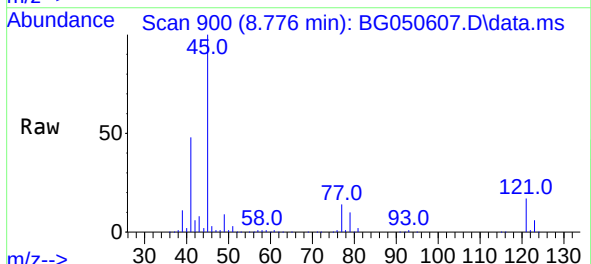
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

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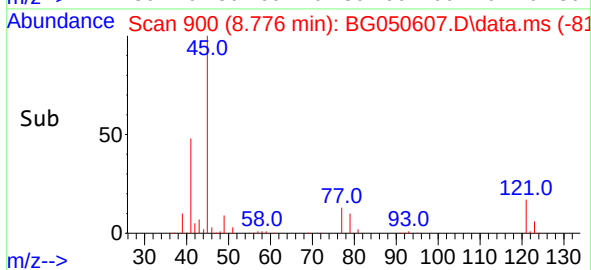
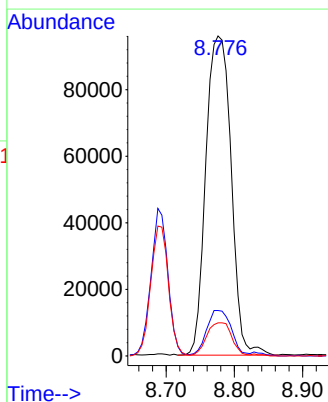


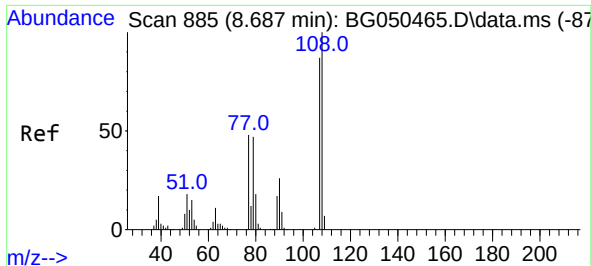
#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.29 ng
RT: 8.776 min Scan# 900
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion: 45 Resp: 247231

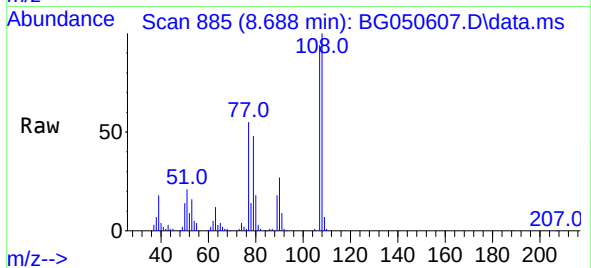
Ion	Ratio	Lower	Upper
45	100		
77	14.2	2.2	42.2
79	10.3	0.0	34.3





#17
2-Methylphenol
Concen: 51.91 ng
RT: 8.688 min Scan# 885
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

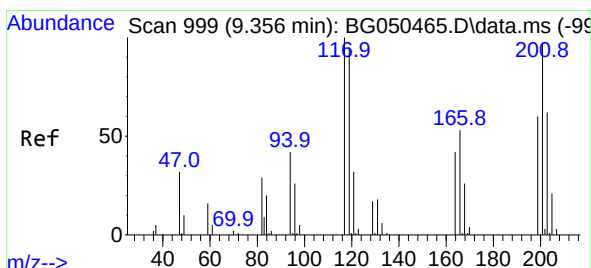
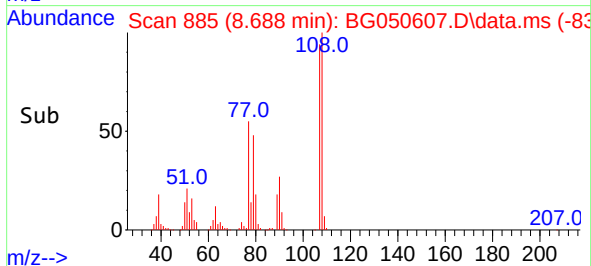
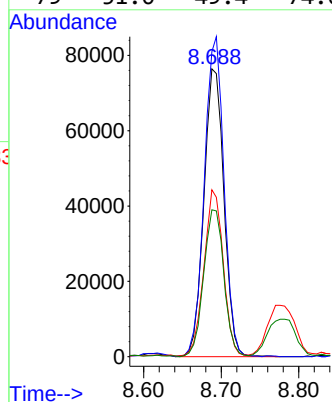
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



Tgt Ion:	107	Resp:	137381
Ion	Ratio	Lower	Upper
107	100		
108	106.0	84.6	127.0
77	58.0	50.7	76.1
79	51.0	49.4	74.0

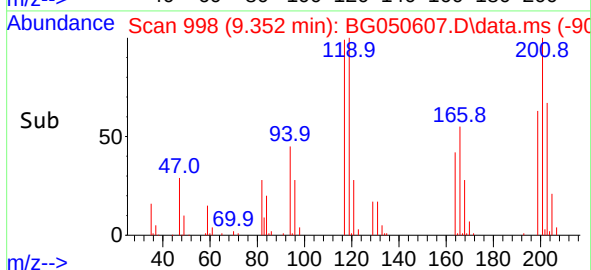
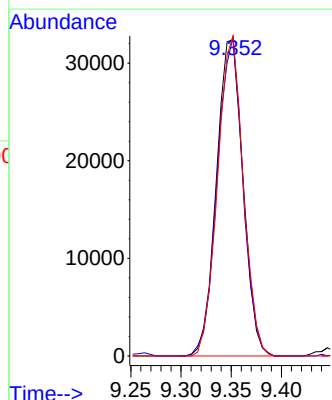
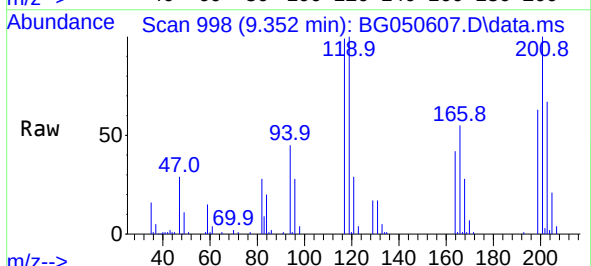
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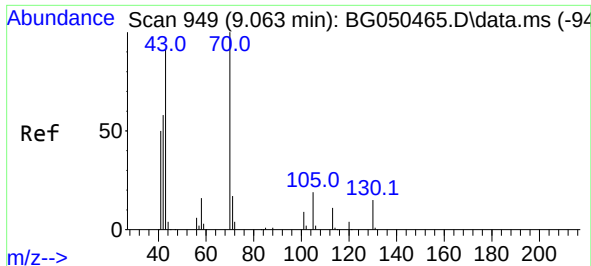
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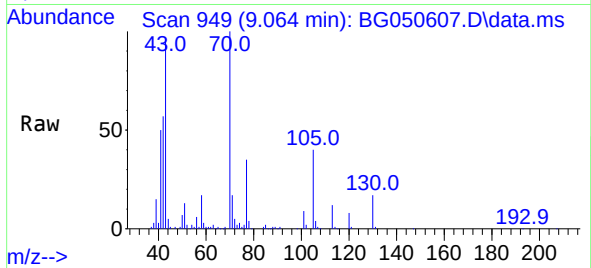
#18
Hexachloroethane
Concen: 49.15 ng
RT: 9.352 min Scan# 998
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	117	Resp:	59559
Ion	Ratio	Lower	Upper
117	100		
119	100.7	74.4	111.6
201	101.1	88.6	133.0

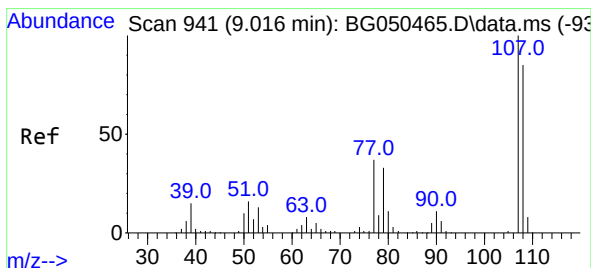
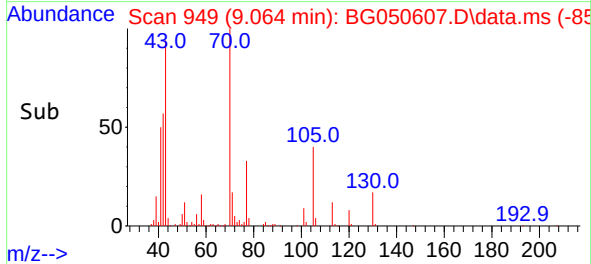
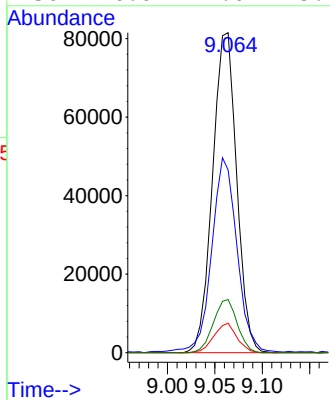




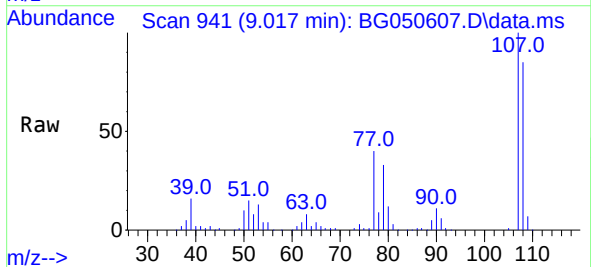
#19
n-Nitroso-di-n-propylamine
Concen: 47.80 ng
RT: 9.064 min Scan# 949
Delta R.T. 0.006 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



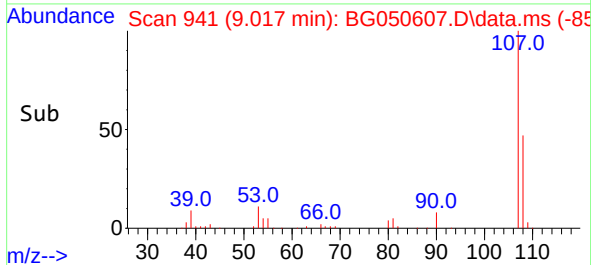
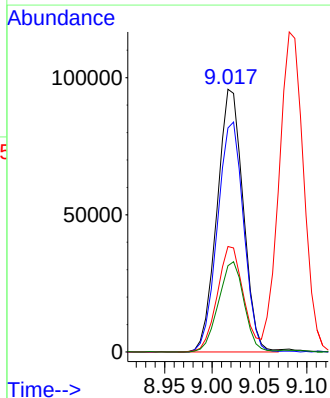
Tgt Ion: 70 Resp: 144136
Ion Ratio Lower Upper
70 100
42 57.1 54.5 81.7
101 9.2 9.0 13.6
130 16.6 17.0 25.6#



#20
3+4-Methylphenols
Concen: 49.34 ng
RT: 9.017 min Scan# 941
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



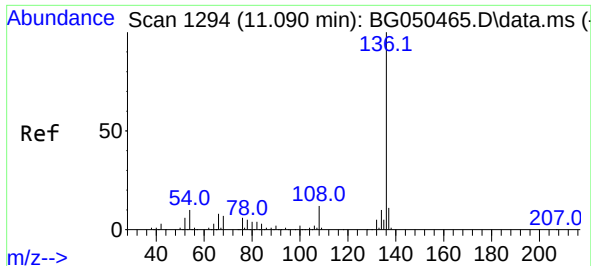
Tgt Ion: 107 Resp: 183825
Ion Ratio Lower Upper
107 100
108 85.3 69.3 109.3
77 40.1 25.2 65.2
79 32.8 15.1 55.1



Instrument :
BNA_G
ClientSampleId :
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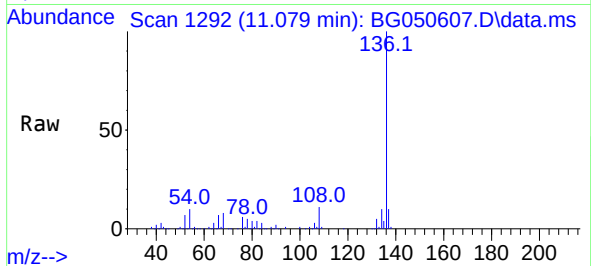
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

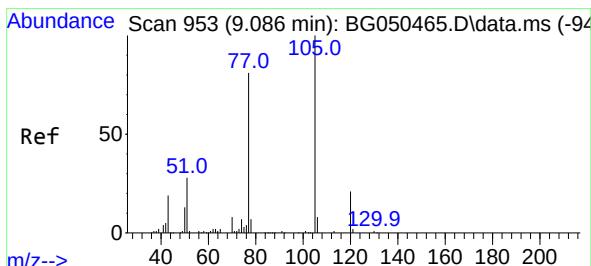
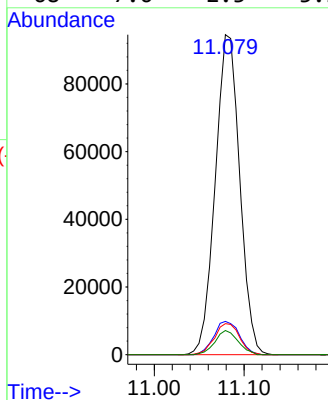
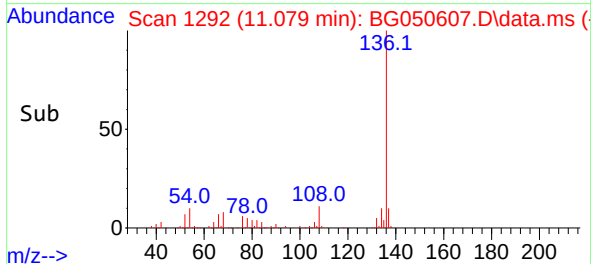
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



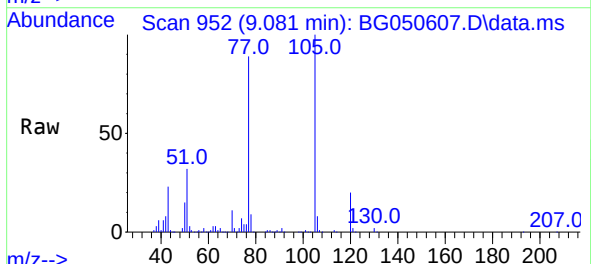
Tgt Ion:	136	Resp:	178712
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	9.7	5.5	8.3#
68	7.6	2.3	3.5#

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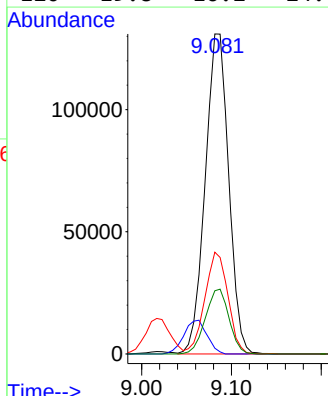
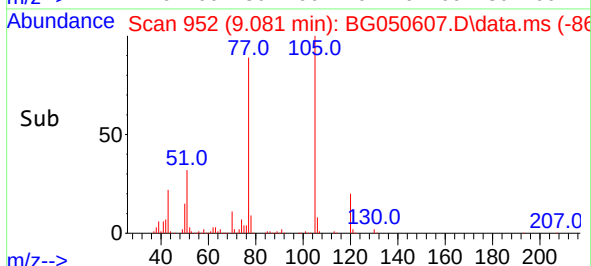
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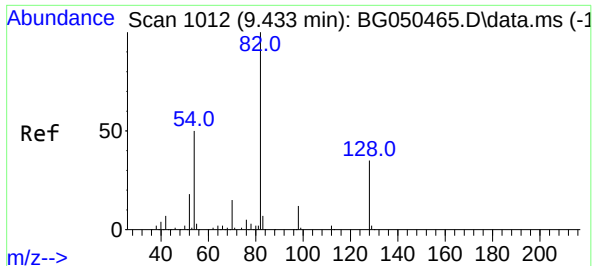


#22
Acetophenone
Concen: 46.88 ng
RT: 9.081 min Scan# 952
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

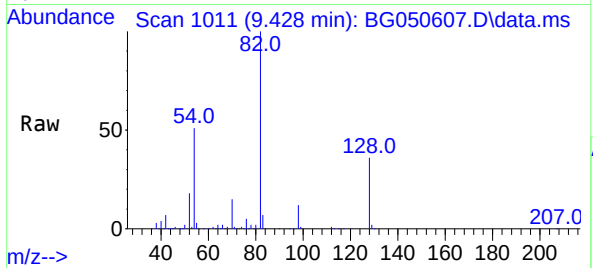


Tgt Ion:	105	Resp:	238181
Ion Ratio	Lower	Upper	
105	100		
71	1.8	0.6	0.8#
51	31.8	26.6	40.0
120	19.8	16.2	24.4

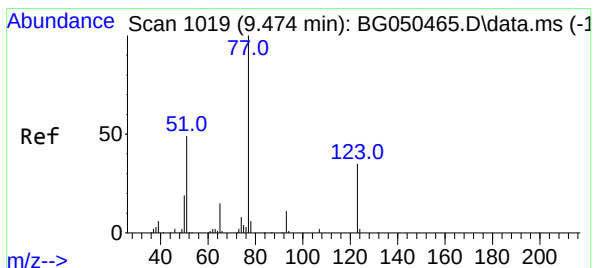
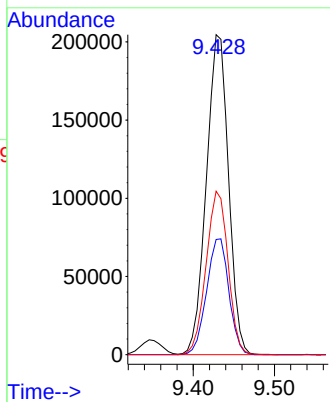
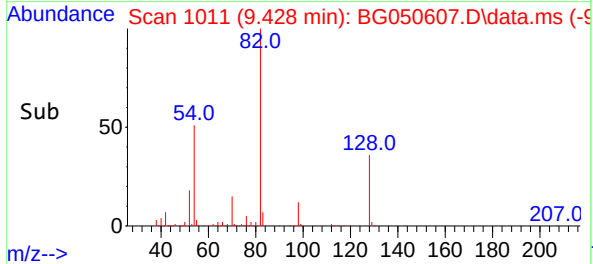




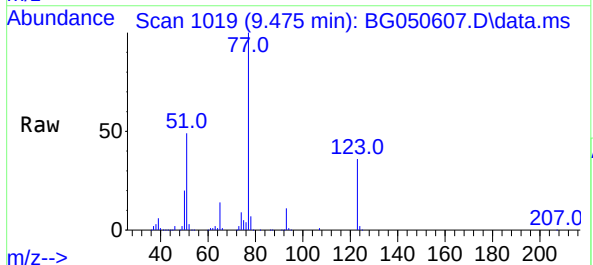
#23
Nitrobenzene-d5
Concen: 89.78 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



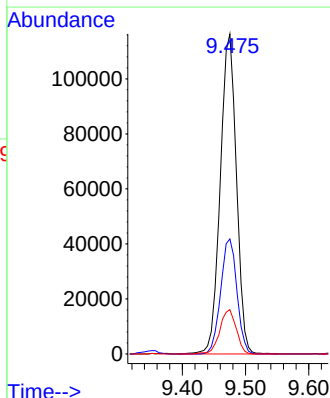
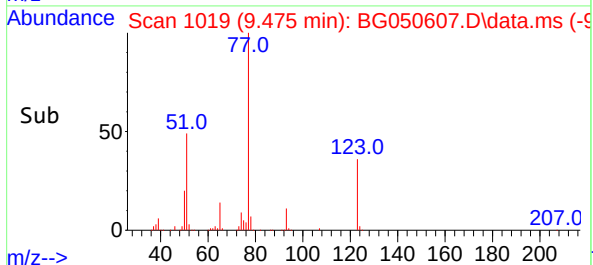
Tgt Ion: 82 Resp: 387584
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 51.1 45.8 68.8



#24
Nitrobenzene
Concen: 48.09 ng
RT: 9.475 min Scan# 1019
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



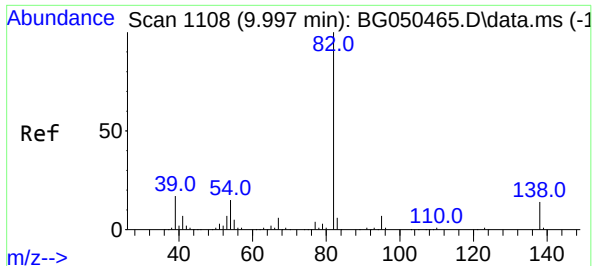
Tgt Ion: 77 Resp: 206438
Ion Ratio Lower Upper
77 100
123 36.0 27.5 41.3
65 13.8 12.6 18.8



Instrument :
BNA_G
ClientSampleId :
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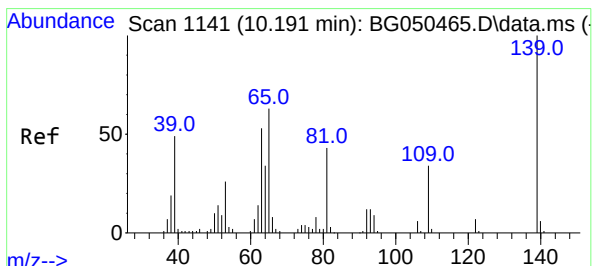
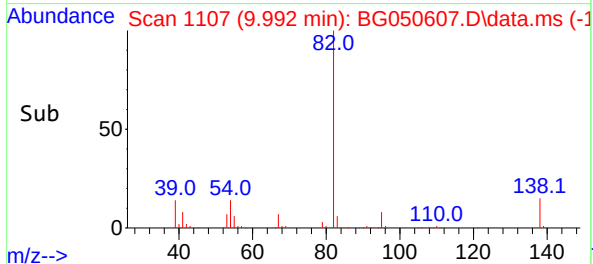
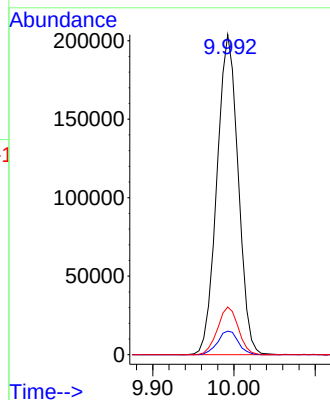
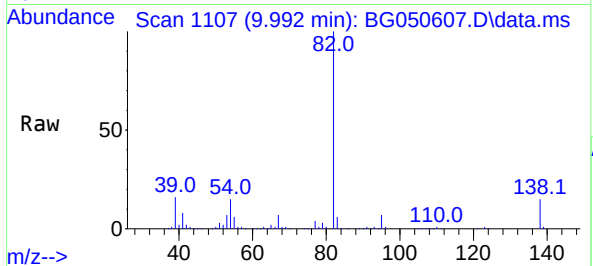
#25
Isophorone
Concen: 48.38 ng
RT: 9.992 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 82 Resp: 370442
Ion Ratio Lower Upper
82 100
95 7.3 8.5 12.7#
138 14.9 11.8 17.6

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

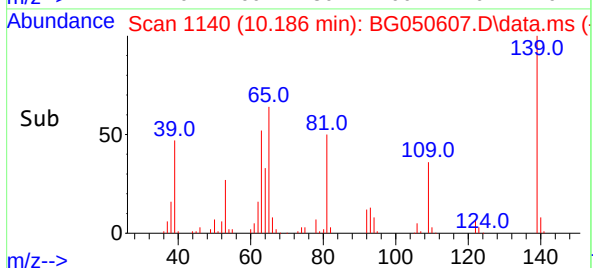
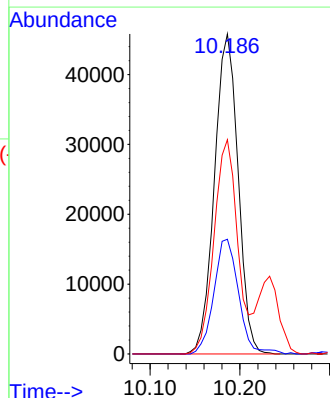
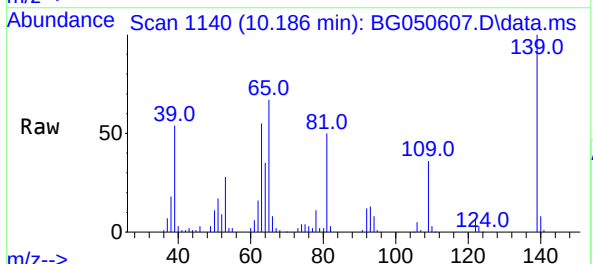
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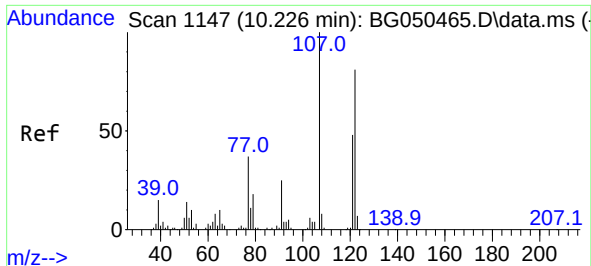
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#26
2-Nitrophenol
Concen: 53.07 ng
RT: 10.186 min Scan# 1140
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

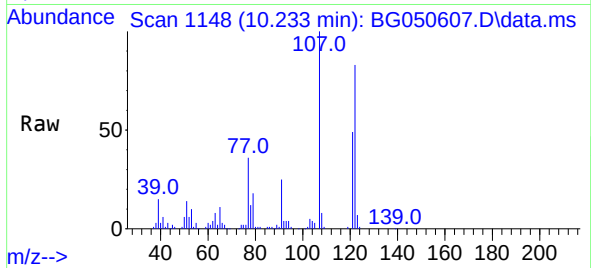
Tgt Ion: 139 Resp: 83654
Ion Ratio Lower Upper
139 100
109 35.8 37.8 56.6#
65 67.0 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 56.58 ng
RT: 10.233 min Scan# 1148
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

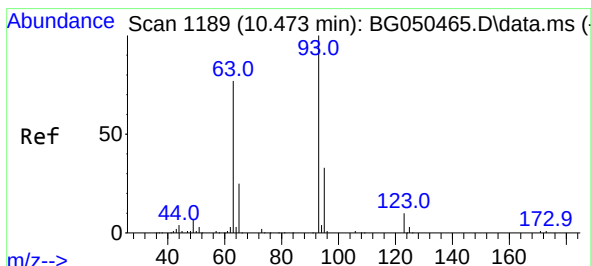
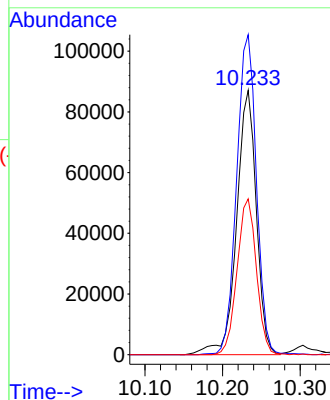
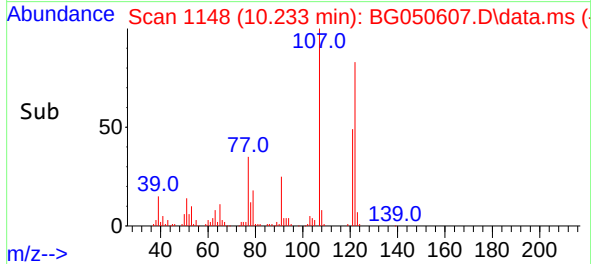
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



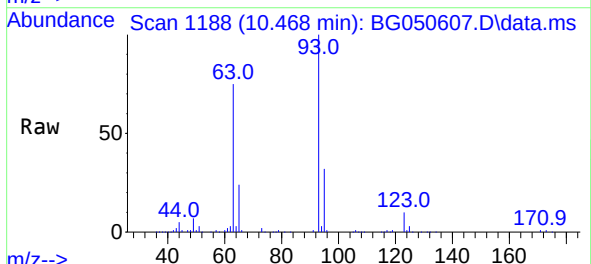
Tgt Ion:122 Resp: 154092
Ion Ratio Lower Upper
122 100
107 121.1 110.1 165.1
121 59.0 49.0 73.6

Manual Integrations
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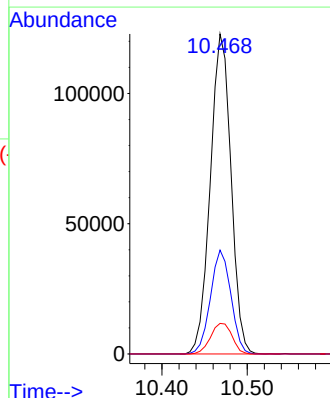
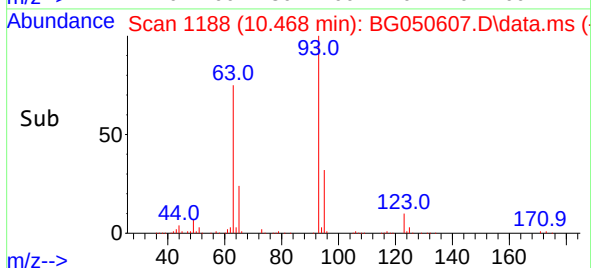
mohammad
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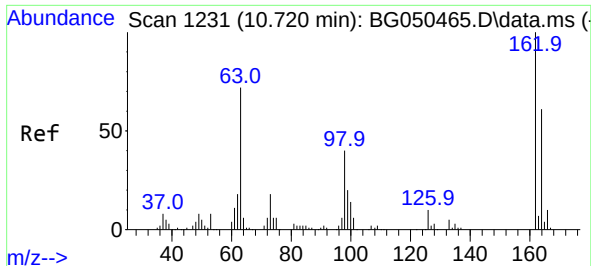


#28
bis(2-Chloroethoxy)methane
Concen: 47.27 ng
RT: 10.468 min Scan# 1188
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion: 93 Resp: 206961
Ion Ratio Lower Upper
93 100
95 32.5 22.2 33.4
123 9.6 8.8 13.2





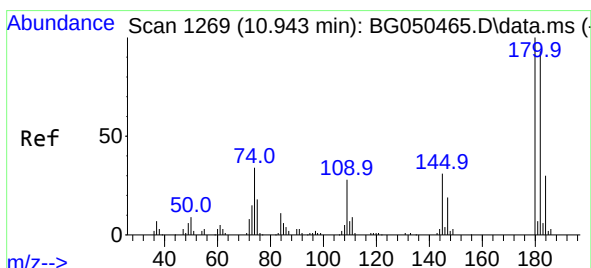
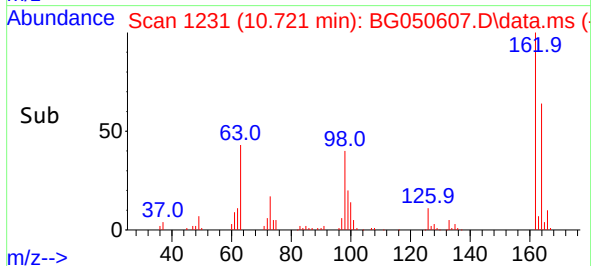
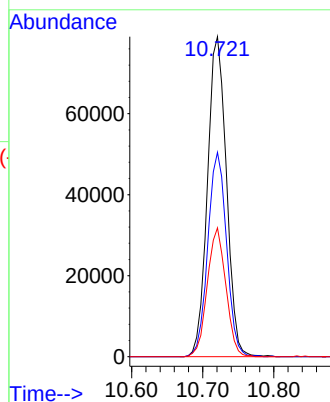
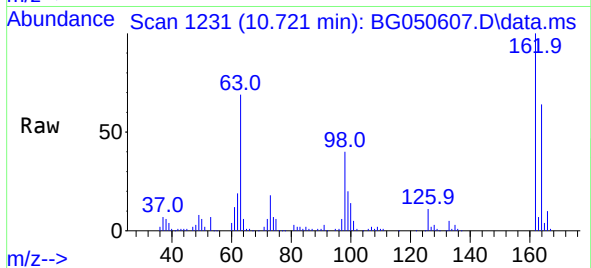
#29
2,4-Dichlorophenol
Concen: 52.71 ng
RT: 10.721 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:162 Resp: 146306
Ion Ratio Lower Upper
162 100
164 63.8 39.4 79.4
98 40.3 18.7 58.7

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

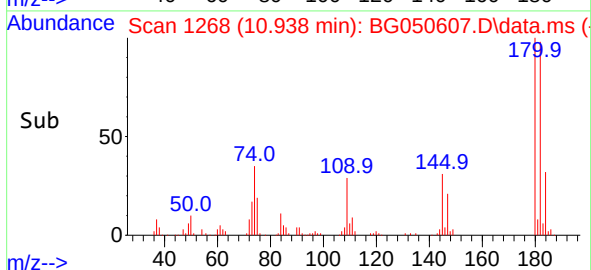
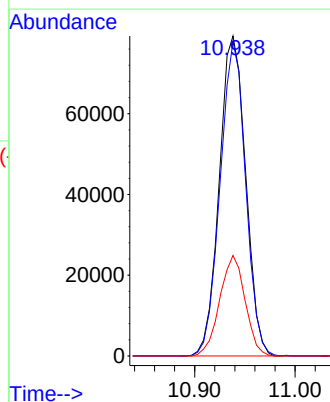
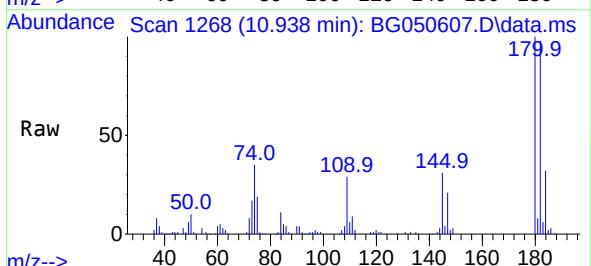
Manual Integrations
APPROVED

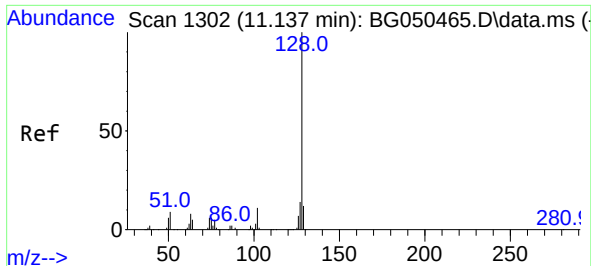
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.71 ng
RT: 10.938 min Scan# 1268
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

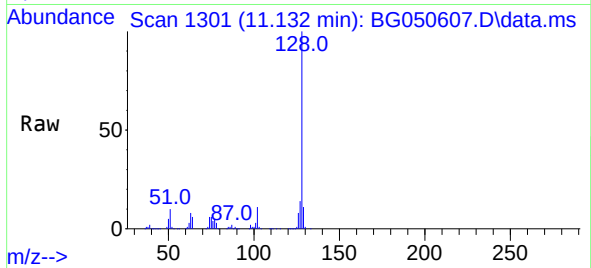
Tgt Ion:180 Resp: 144122
Ion Ratio Lower Upper
180 100
182 98.3 78.9 118.3
145 31.4 26.2 39.4





#31
Naphthalene
Concen: 63.01 ng
RT: 11.132 min Scan# 1301
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

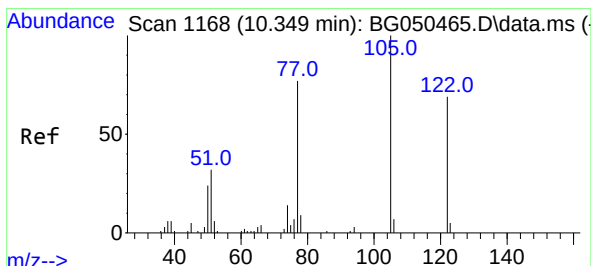
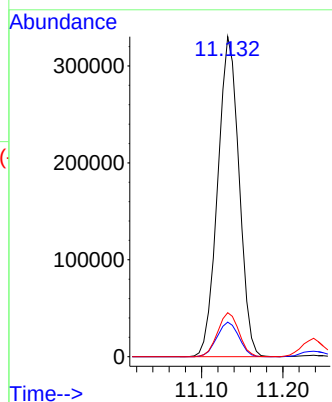
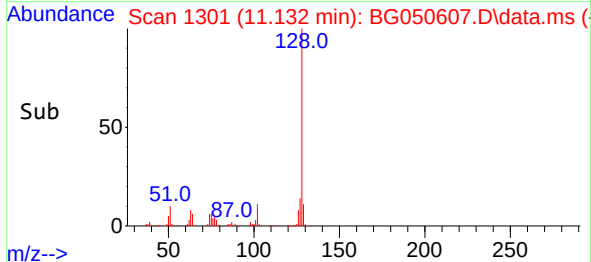
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



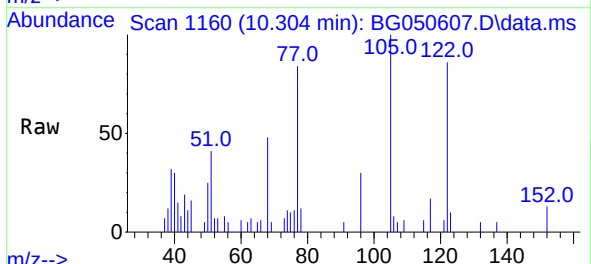
Tgt Ion:128 Resp: 602748
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.8 10.2 15.4

Manual Integrations
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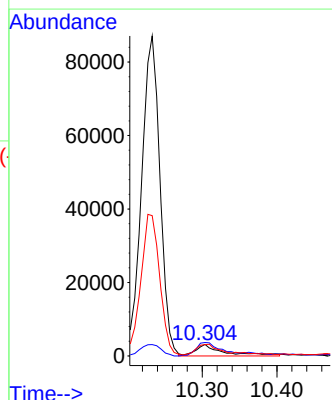
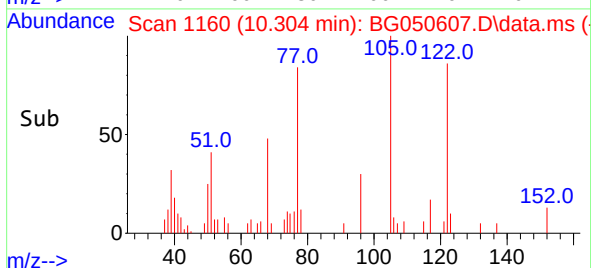
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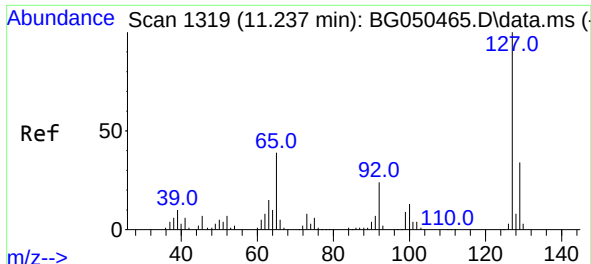


#32
Benzoic acid
Concen: 4.08 ng m
RT: 10.304 min Scan# 1160
Delta R.T. -0.052 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:122 Resp: 8247
Ion Ratio Lower Upper
122 100
105 116.8 92.3 132.3
77 98.2 66.5 106.5





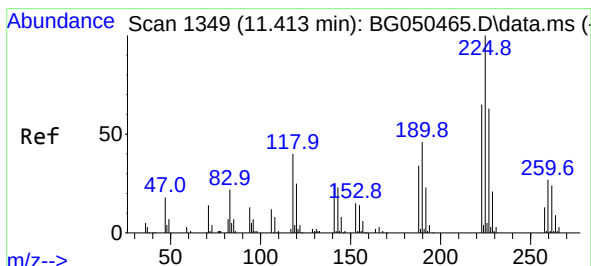
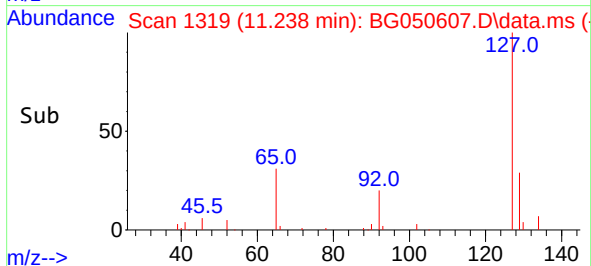
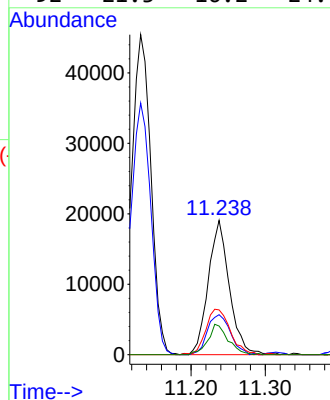
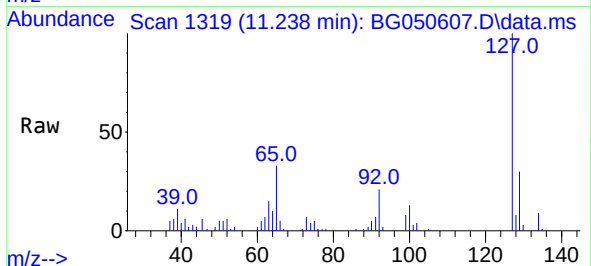
#33
4-Chloroaniline
Concen: 9.42 ng
RT: 11.238 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	127	Resp:	37801
Ion Ratio	Lower	Upper	
127	100		
129	29.8	26.7	40.1
65	33.4	32.8	49.2
92	21.3	16.2	24.4

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

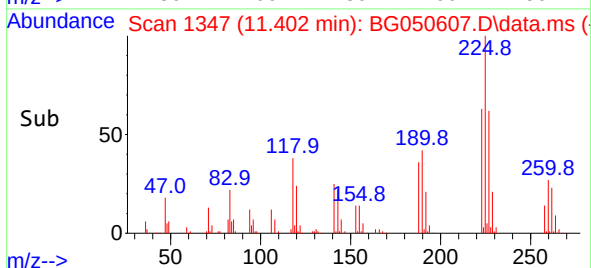
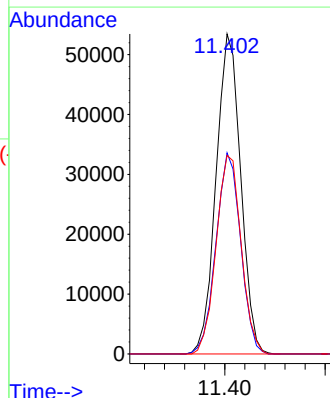
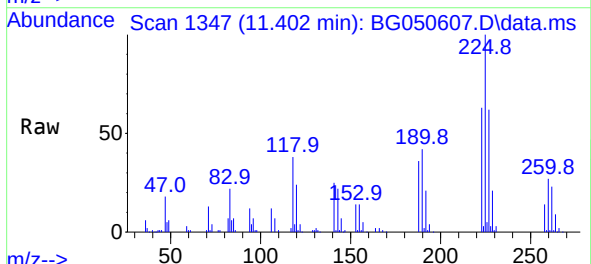
Manual Integrations
APPROVED

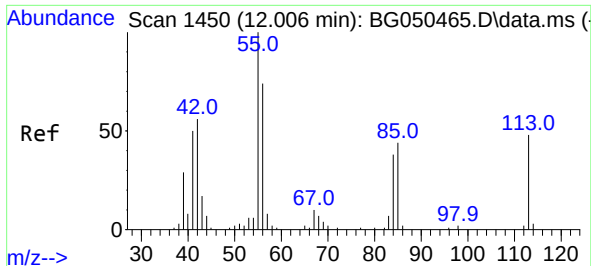
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#34
Hexachlorobutadiene
Concen: 45.96 ng
RT: 11.402 min Scan# 1347
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	225	Resp:	90979
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.8	74.8
227	62.0	46.4	69.6





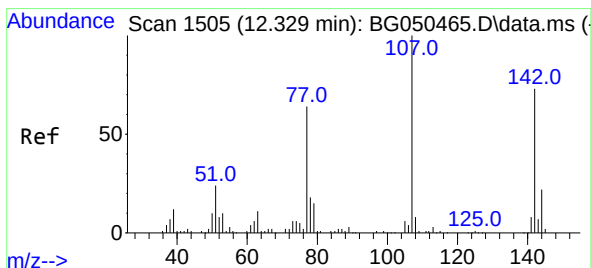
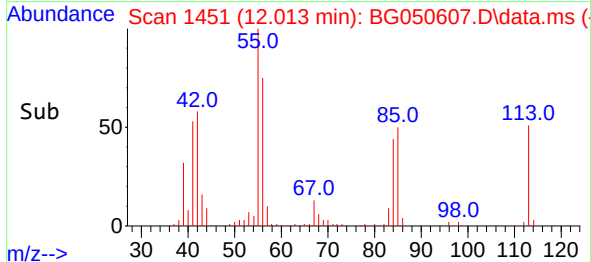
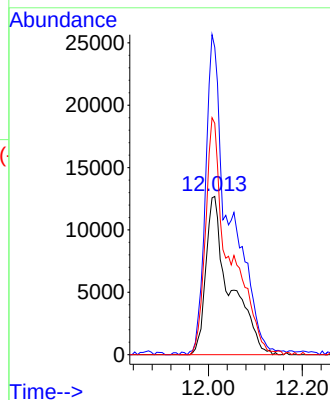
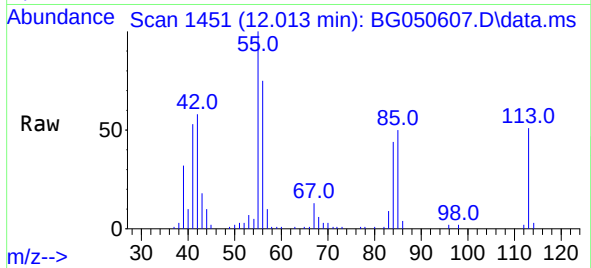
#35
Caprolactam
Concen: 42.80 ng m
RT: 12.013 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:113 Resp: 45467
Ion Ratio Lower Upper
113 100
55 194.2 113.8 153.8#
56 146.2 105.6 145.6#

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

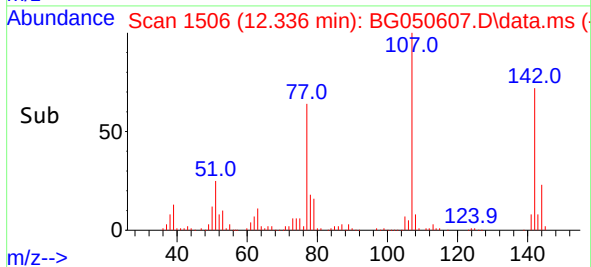
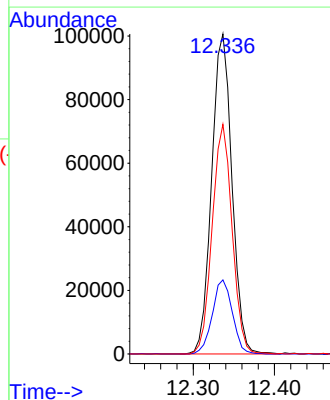
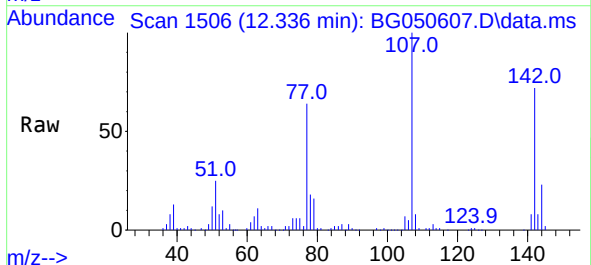
Manual Integrations
APPROVED

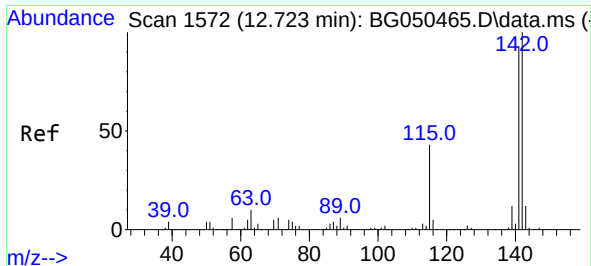
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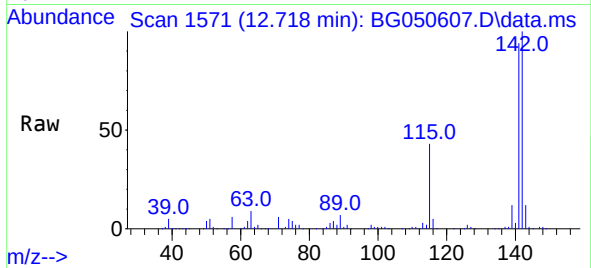
#36
4-Chloro-3-methylphenol
Concen: 50.30 ng
RT: 12.336 min Scan# 1506
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:107 Resp: 174496
Ion Ratio Lower Upper
107 100
144 23.2 24.8 37.2#
142 71.7 62.2 93.4

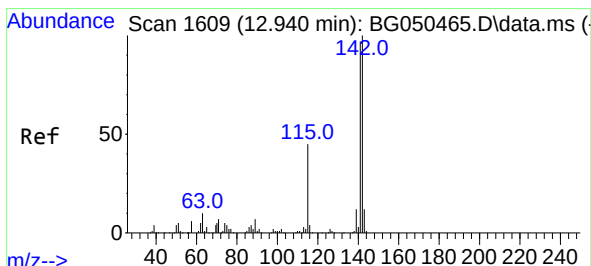
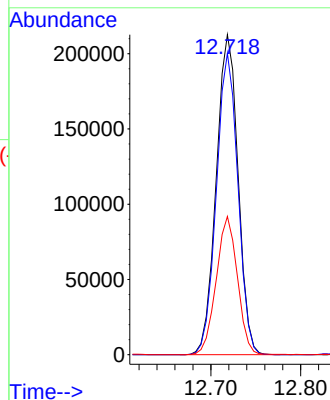
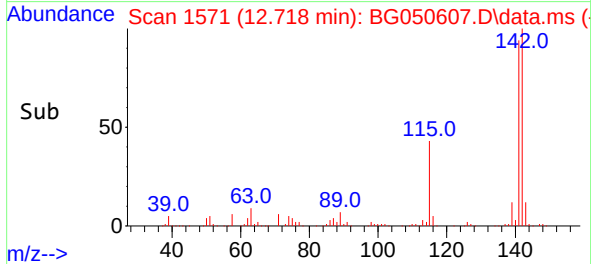




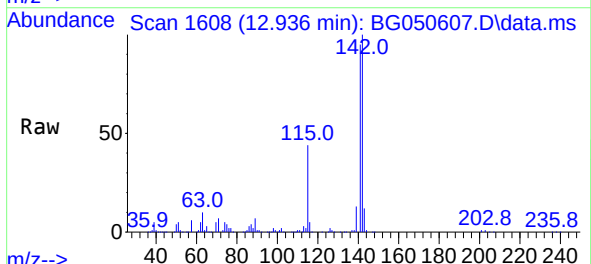
#37
2-Methylnaphthalene
Concen: 54.33 ng
RT: 12.718 min Scan# 1571
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



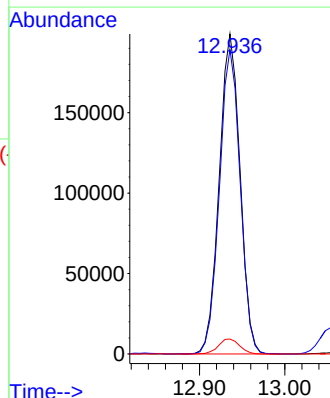
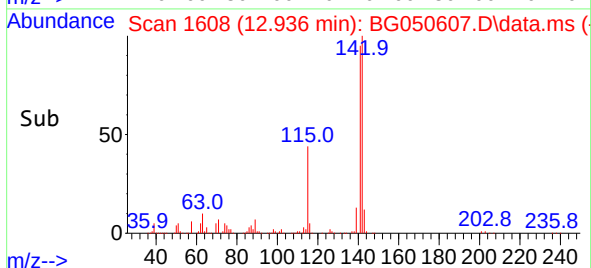
Tgt Ion:142 Resp: 358625
Ion Ratio Lower Upper
142 100
141 94.2 68.8 103.2
115 43.2 36.4 54.6



#38
1-Methylnaphthalene
Concen: 52.70 ng
RT: 12.936 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



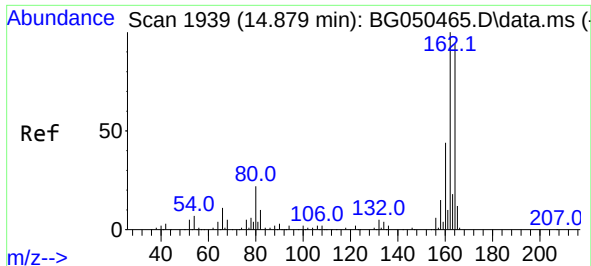
Tgt Ion:142 Resp: 337266
Ion Ratio Lower Upper
142 100
141 95.1 70.6 106.0
116 4.7 4.0 6.0



Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

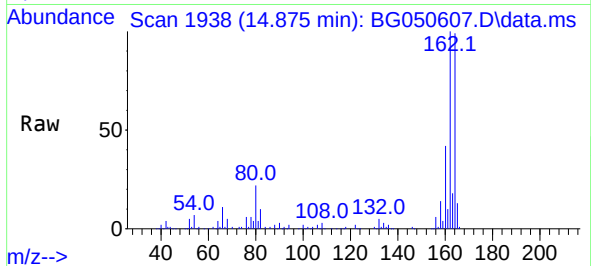
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

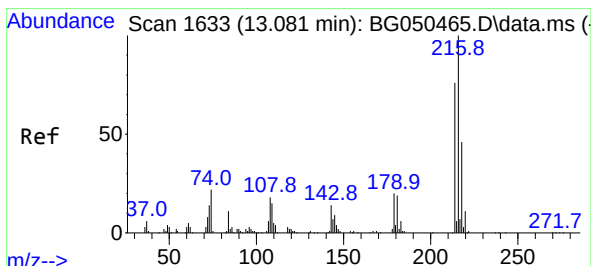
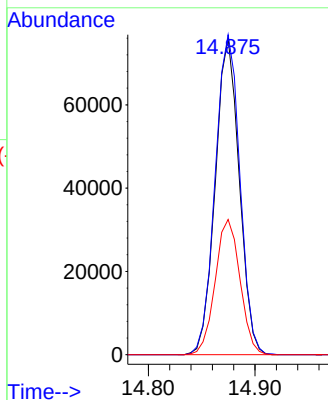
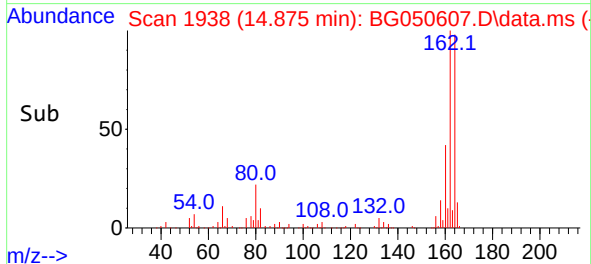
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



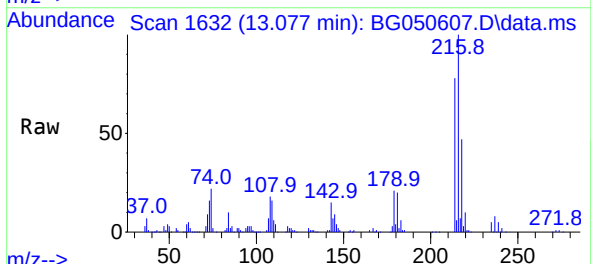
Tgt Ion:164 Resp: 118344
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 42.7 34.9 52.3

Manual Integrations
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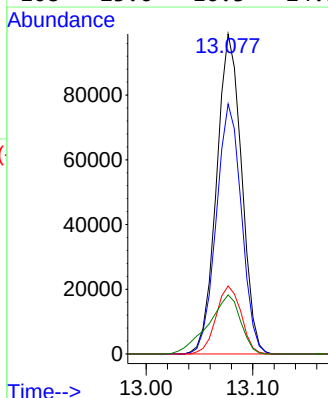
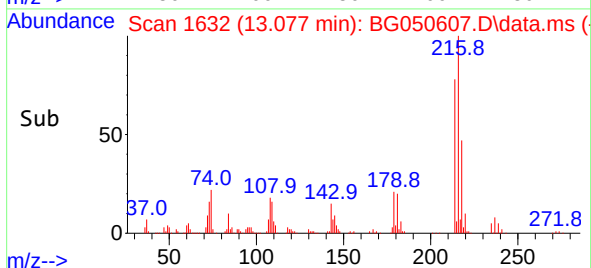
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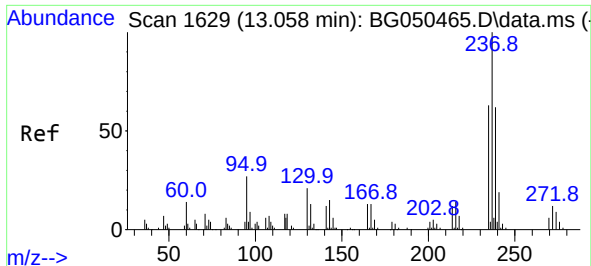


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.10 ng
RT: 13.077 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

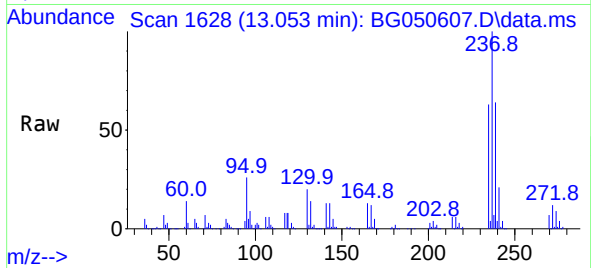


Tgt Ion:216 Resp: 161125
Ion Ratio Lower Upper
216 100
214 78.6 61.4 92.2
179 21.3 17.3 25.9
108 23.6 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 98.40 ng
RT: 13.053 min Scan# 1628
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

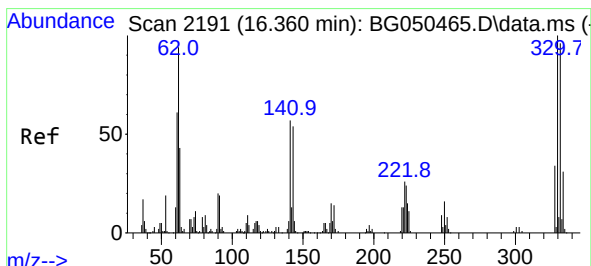
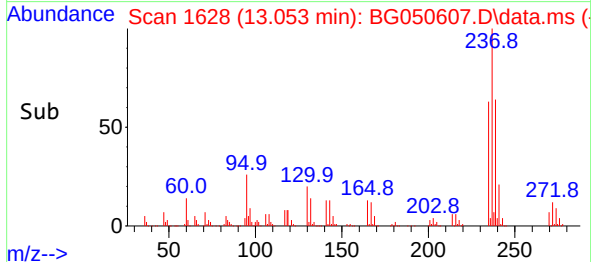
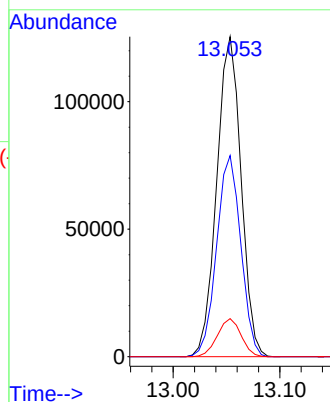


Tgt Ion:237 Resp: 198735
Ion Ratio Lower Upper
237 100
235 62.8 36.6 76.6
272 11.9 0.0 32.5

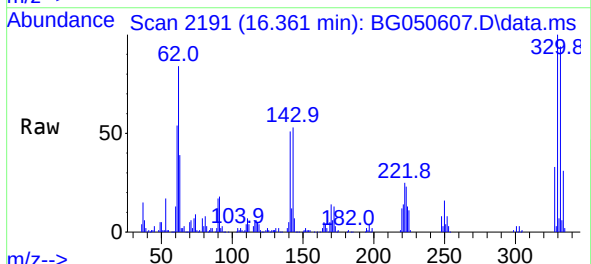
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

Manual Integrations
APPROVED

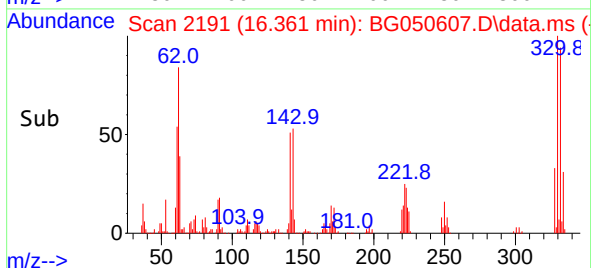
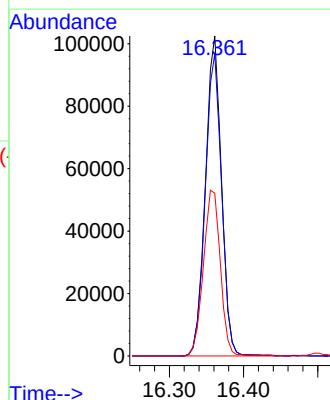
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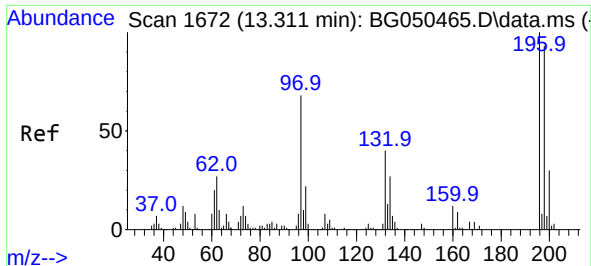


#42
2,4,6-Tribromophenol
Concen: 136.79 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:330 Resp: 154411
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 54.8 35.6 53.4#





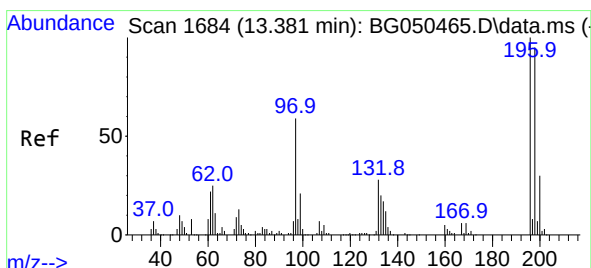
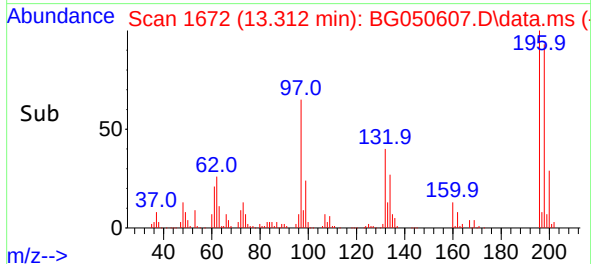
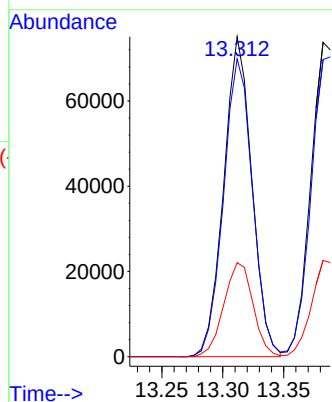
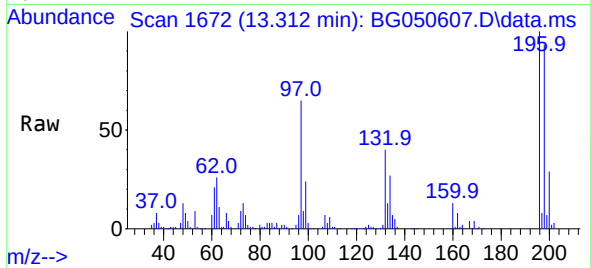
#43
2,4,6-Trichlorophenol
Concen: 48.91 ng
RT: 13.312 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:196 Resp: 120455
Ion Ratio Lower Upper
196 100
198 93.1 82.1 123.1
200 29.4 23.8 35.8

Instrument :
BNA_G
ClientSampled :
HAR-SOILPILE MS

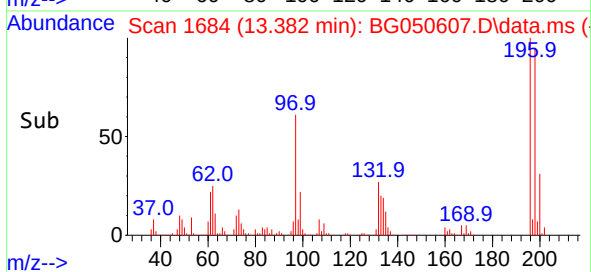
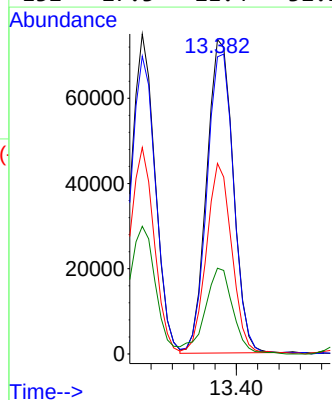
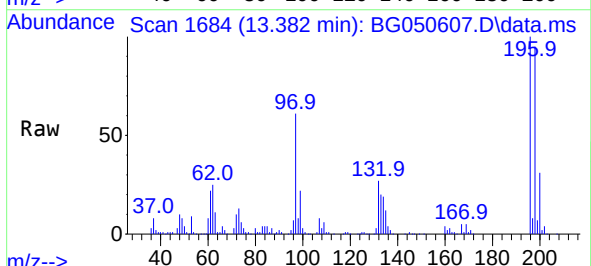
Manual Integrations
APPROVED

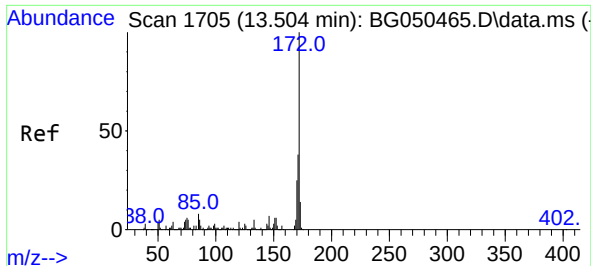
mohammad
10/18/2021 12:40:35 PM



#44
2,4,5-Trichlorophenol
Concen: 49.38 ng
RT: 13.382 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:196 Resp: 127136
Ion Ratio Lower Upper
196 100
198 94.5 87.4 131.0
97 60.6 43.3 64.9
132 27.3 21.4 32.2





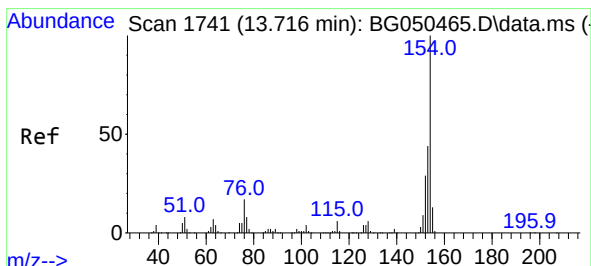
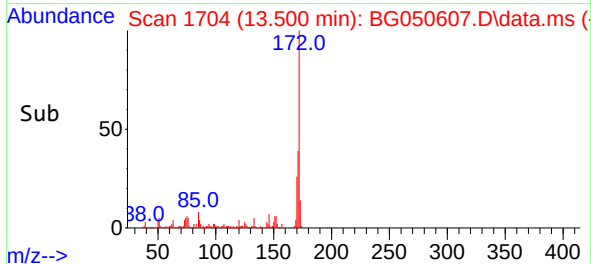
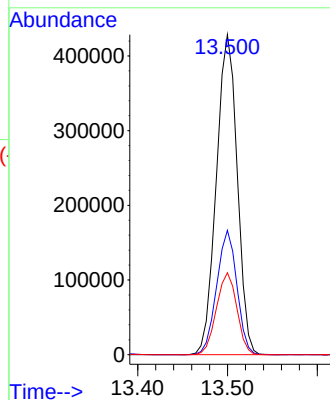
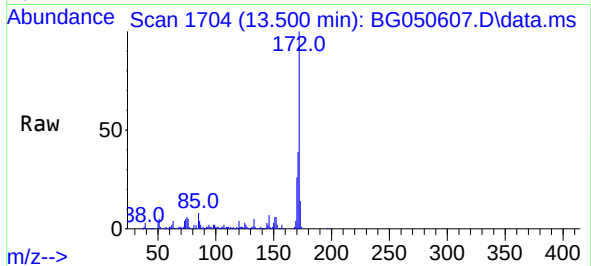
#45
2-Fluorobiphenyl
Concen: 87.98 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:172 Resp: 691829
Ion Ratio Lower Upper
172 100
171 38.9 28.6 43.0
170 25.6 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

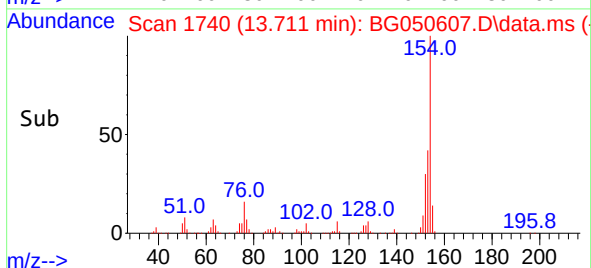
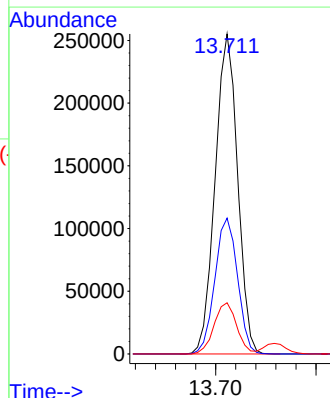
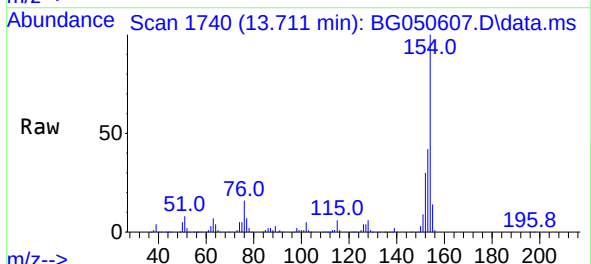
Manual Integrations
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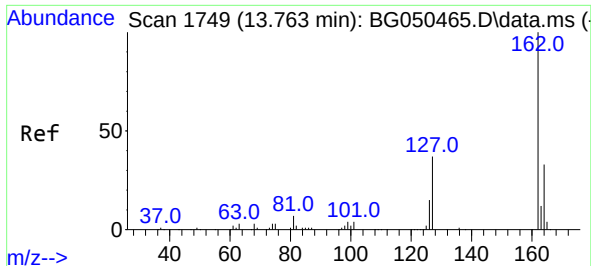
mohammad
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#46
1,1'-Biphenyl
Concen: 45.86 ng
RT: 13.711 min Scan# 1740
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

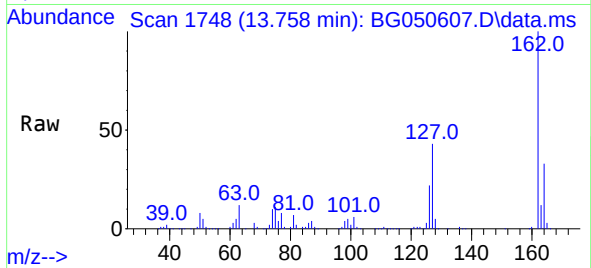
Tgt Ion:154 Resp: 395833
Ion Ratio Lower Upper
154 100
153 42.5 20.5 60.5
76 16.0 0.0 29.3





#47
2-Chloronaphthalene
Concen: 46.96 ng
RT: 13.758 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

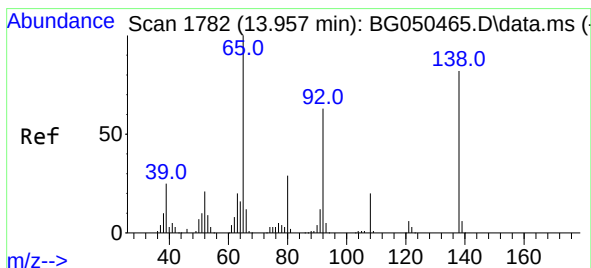
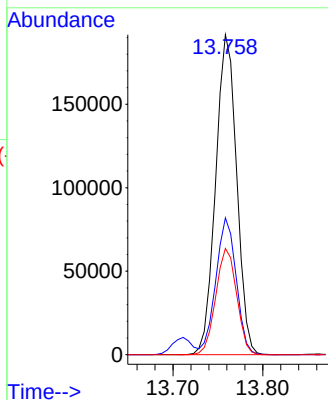
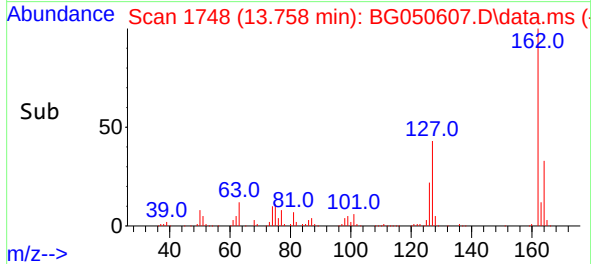
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



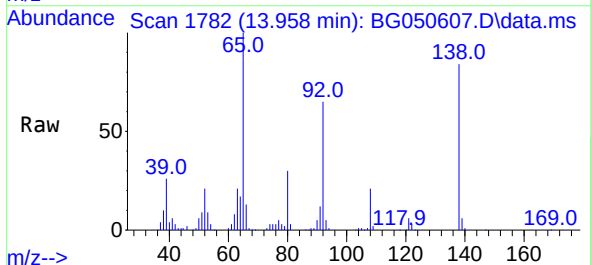
Tgt Ion:162 Resp: 311266
Ion Ratio Lower Upper
162 100
127 42.8 32.7 49.1
164 33.2 27.0 40.4

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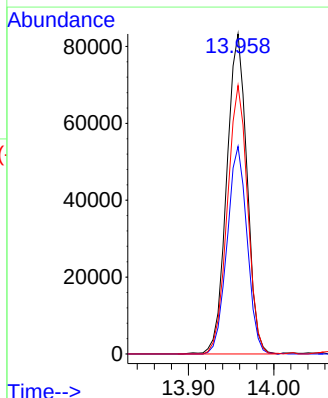
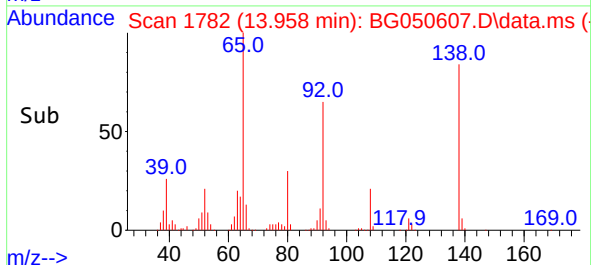
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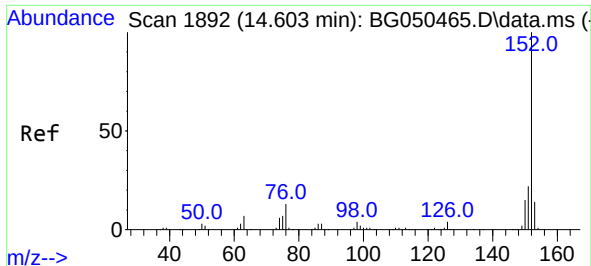


#48
2-Nitroaniline
Concen: 52.10 ng
RT: 13.958 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

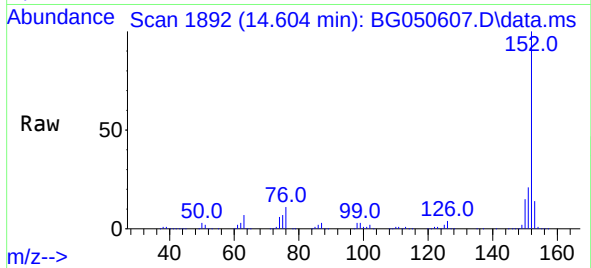


Tgt Ion: 65 Resp: 137363
Ion Ratio Lower Upper
65 100
92 64.9 47.2 70.8
138 83.9 68.0 102.0

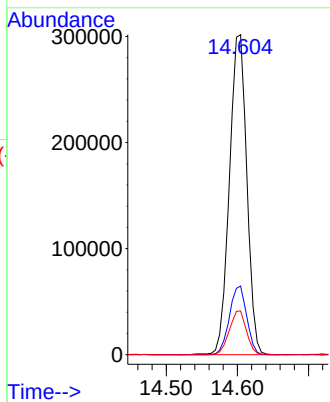
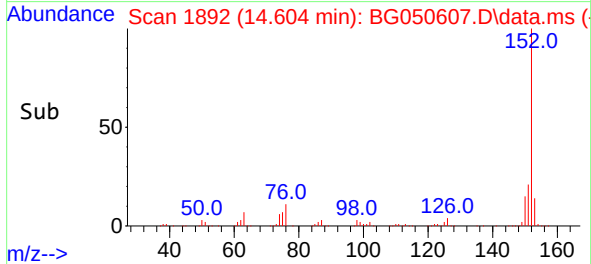




#49
Acenaphthylene
Concen: 47.22 ng
RT: 14.604 min Scan# 1892
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



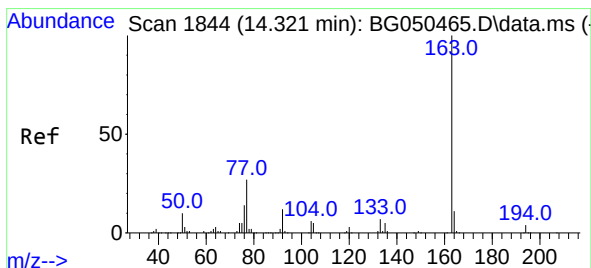
Tgt Ion:152 Resp: 512869
Ion Ratio Lower Upper
152 100
151 21.4 18.2 27.4
153 13.6 11.7 17.5



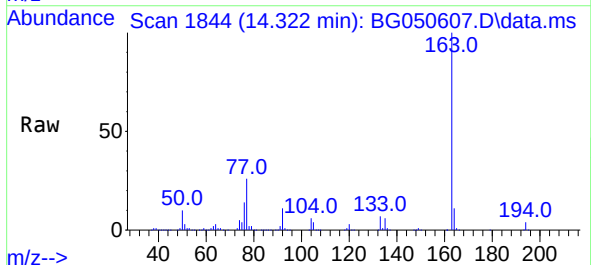
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

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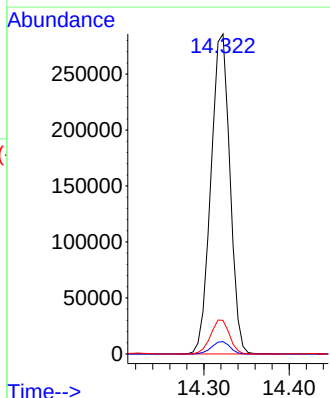
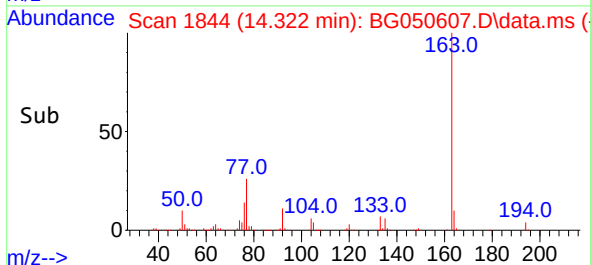
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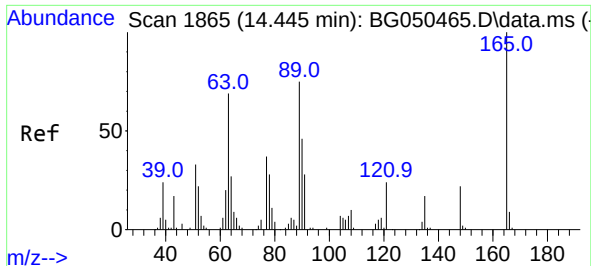


#50
Dimethylphthalate
Concen: 49.51 ng
RT: 14.322 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:163 Resp: 442916
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.6 12.8





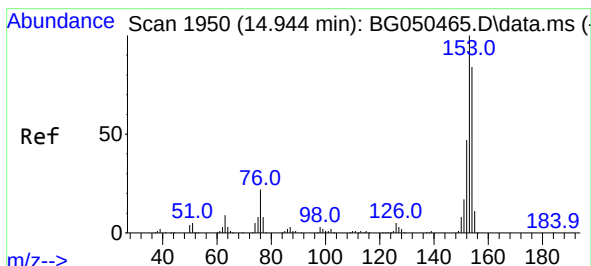
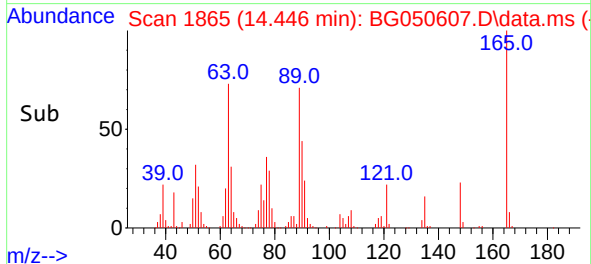
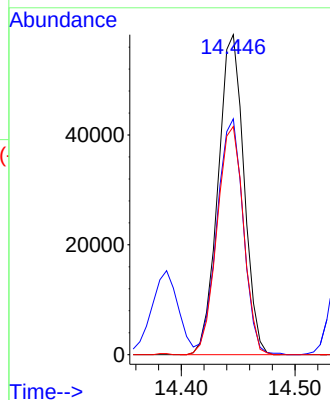
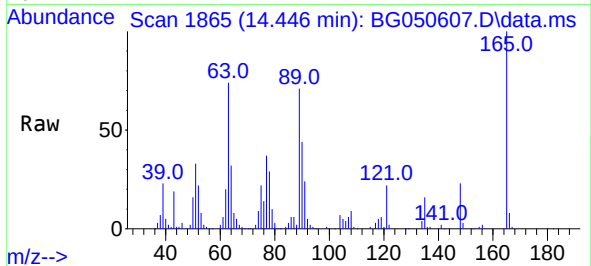
#51
2,6-Dinitrotoluene
Concen: 51.36 ng
RT: 14.446 min Scan# 1865
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	165	Resp:	92015
Ion Ratio	Lower	Upper	
165	100		
63	73.7	63.3	94.9
89	71.3	63.4	95.0

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

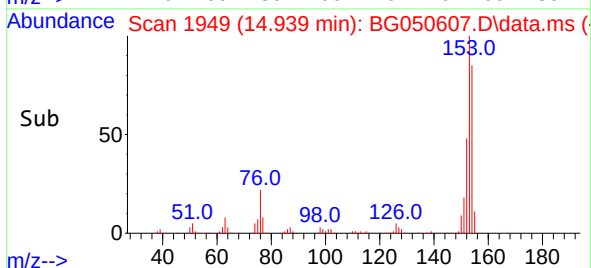
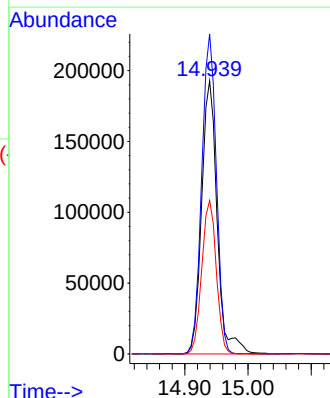
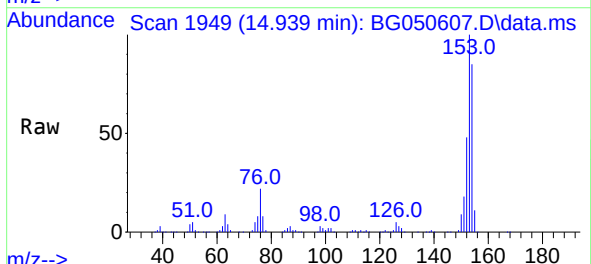
Manual Integrations
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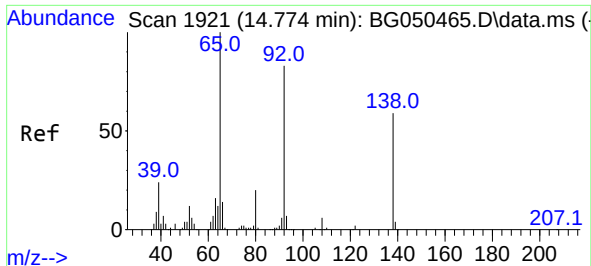
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#52
Acenaphthene
Concen: 47.08 ng
RT: 14.939 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

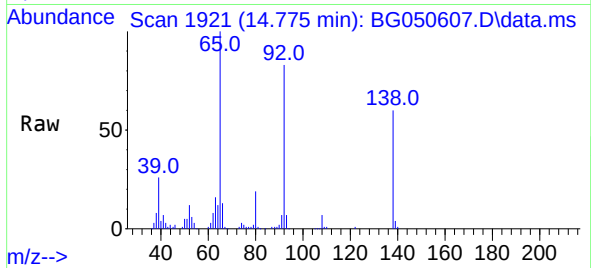
Tgt Ion:	154	Resp:	328544
Ion Ratio	Lower	Upper	
154	100		
153	117.2	87.0	130.4
152	56.2	40.1	60.1





#53
3-Nitroaniline
Concen: 30.70 ng
RT: 14.775 min Scan# 1921
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

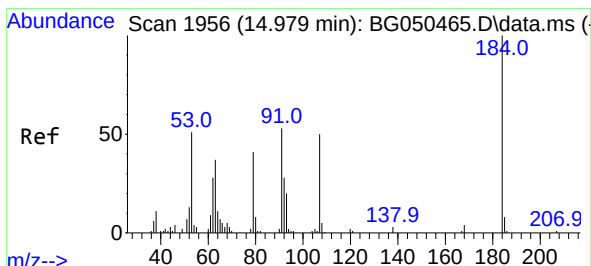
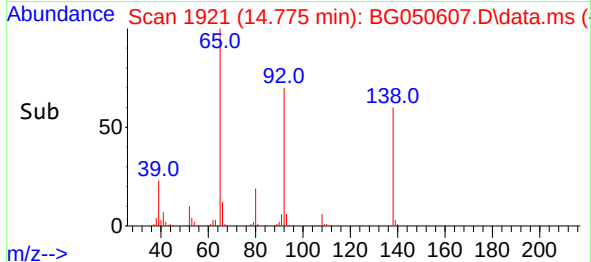
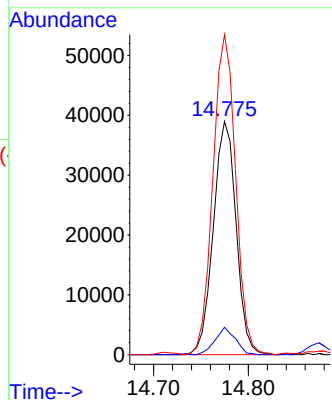
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



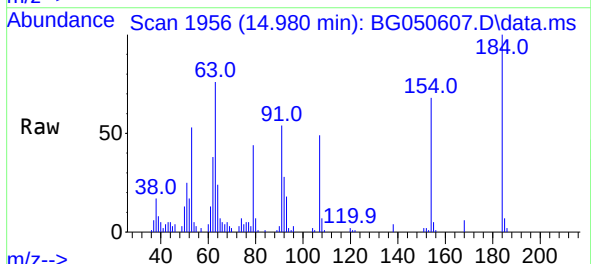
Tgt Ion:138 Resp: 65070
Ion Ratio Lower Upper
138 100
108 11.7 8.3 12.5
92 137.1 96.4 144.6

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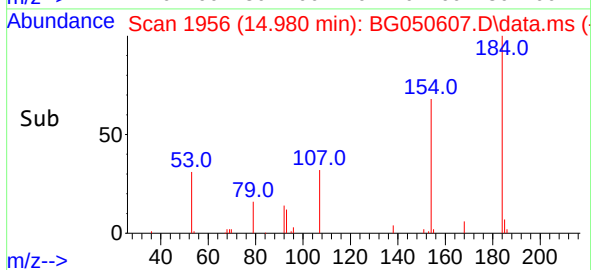
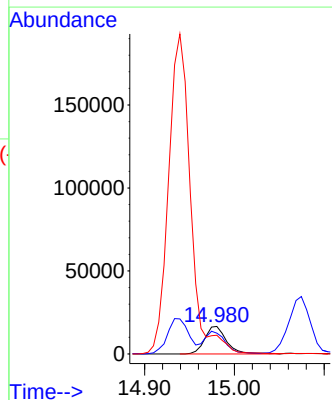
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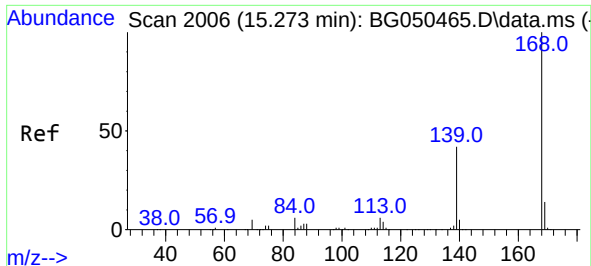


#54
2,4-Dinitrophenol
Concen: 25.12 ng
RT: 14.980 min Scan# 1956
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:184 Resp: 27923
Ion Ratio Lower Upper
184 100
63 75.9 68.3 102.5
154 68.0 62.6 93.8





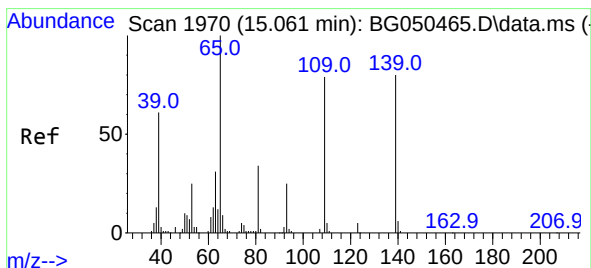
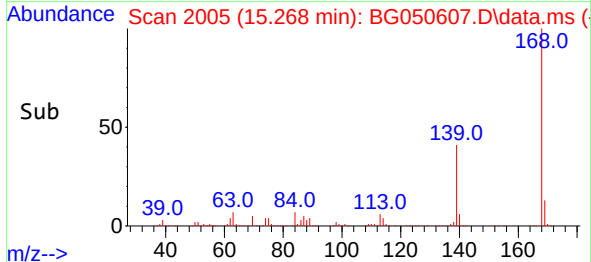
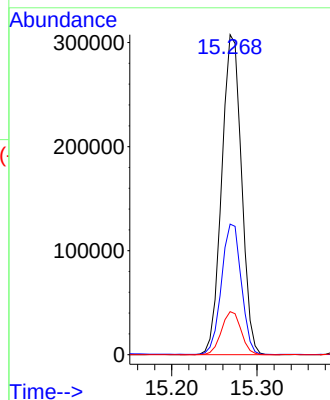
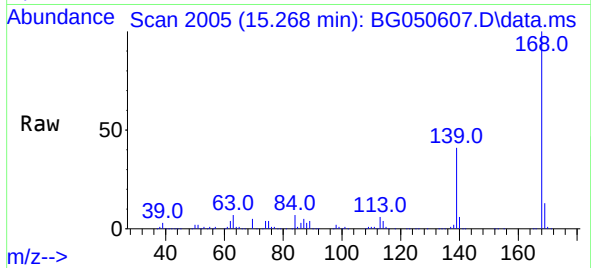
#55
Dibenzofuran
Concen: 45.85 ng
RT: 15.268 min Scan# 2005
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:168 Resp: 494828
Ion Ratio Lower Upper
168 100
139 40.8 33.4 50.2
169 13.5 12.3 18.5

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

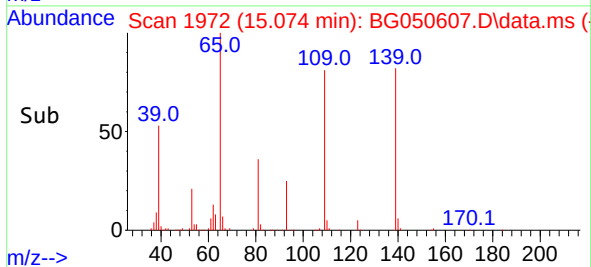
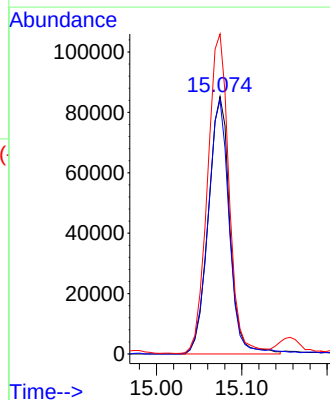
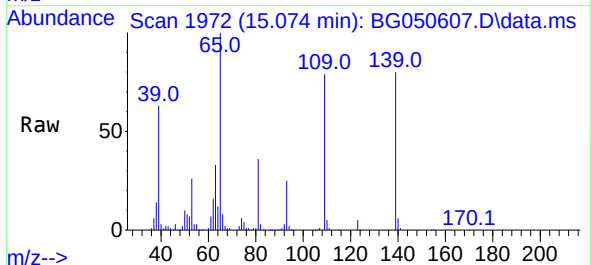
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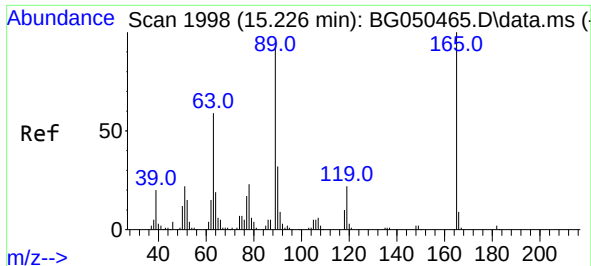
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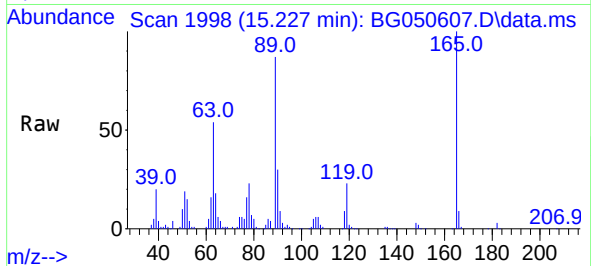
#56
4-Nitrophenol
Concen: 87.23 ng
RT: 15.074 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:139 Resp: 148701
Ion Ratio Lower Upper
139 100
109 98.6 116.3 156.3#
65 124.3 105.0 145.0

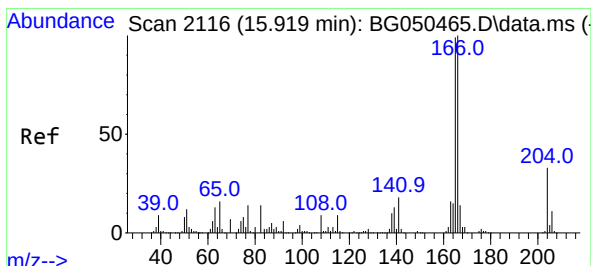
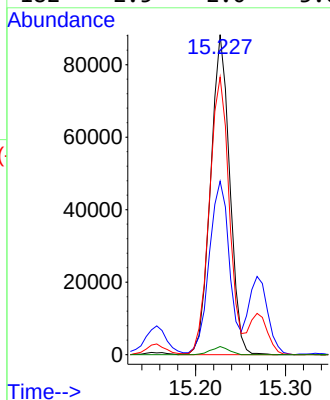
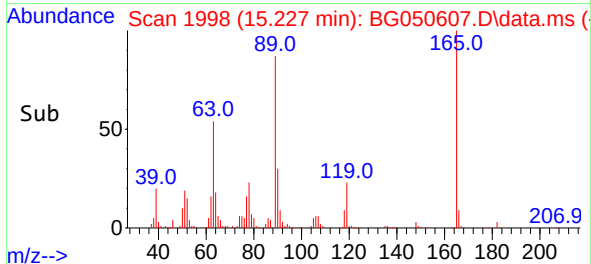




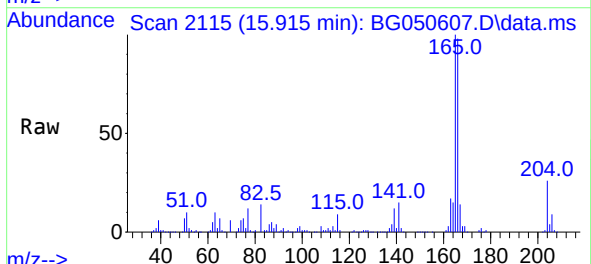
#57
2,4-Dinitrotoluene
Concen: 51.75 ng
RT: 15.227 min Scan# 1998
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



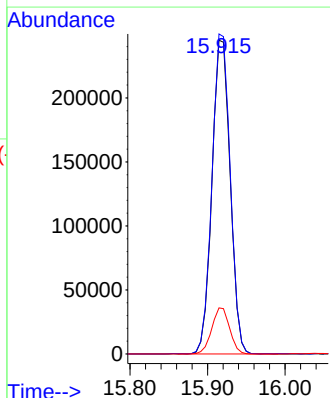
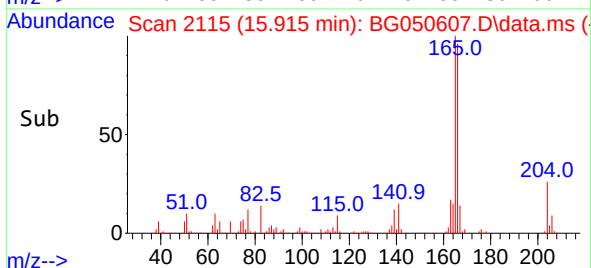
Tgt Ion:165 Resp: 130684
Ion Ratio Lower Upper
165 100
63 54.2 48.0 72.0
89 86.7 65.4 98.0
182 2.5 2.0 3.0



#58
Fluorene
Concen: 48.22 ng
RT: 15.915 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



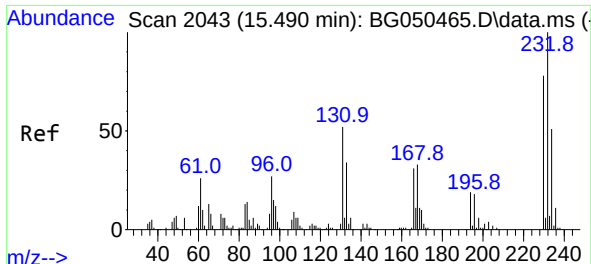
Tgt Ion:166 Resp: 399774
Ion Ratio Lower Upper
166 100
165 102.0 77.7 116.5
167 14.7 10.8 16.2



Instrument :
BNA_G
ClientSampleId :
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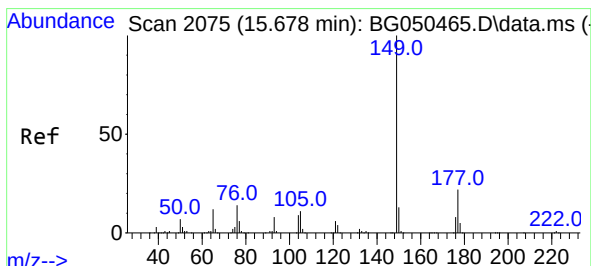
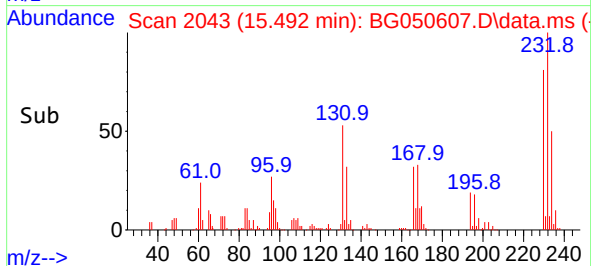
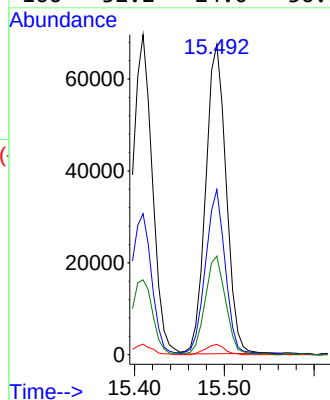
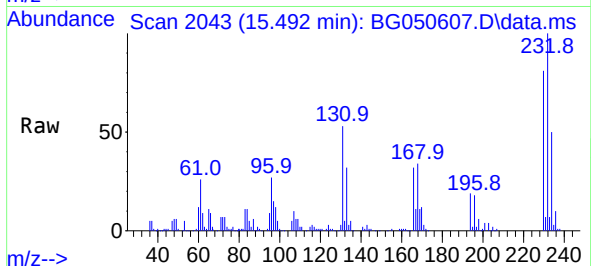
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.38 ng
RT: 15.492 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:232 Resp: 106261
Ion Ratio Lower Upper
232 100
131 52.3 37.2 55.8
130 3.2 2.8 4.2
166 32.2 24.0 36.0

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

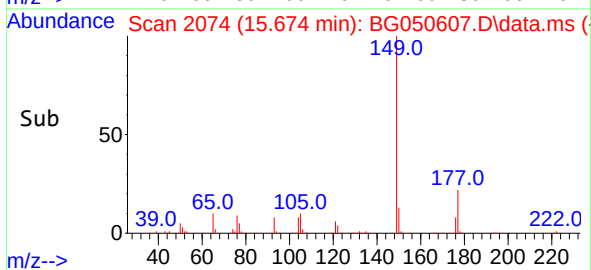
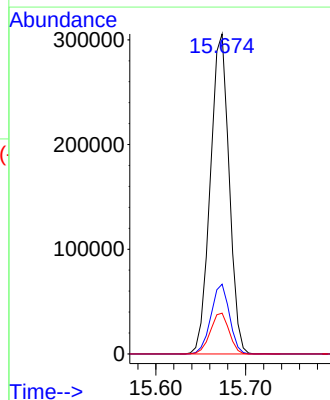
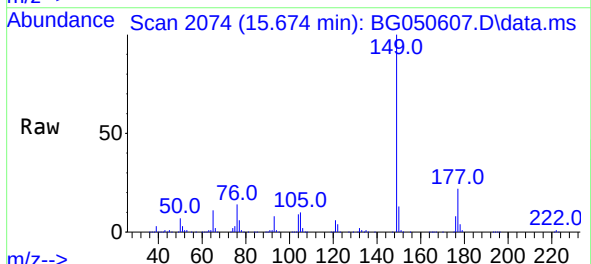
Manual Integrations
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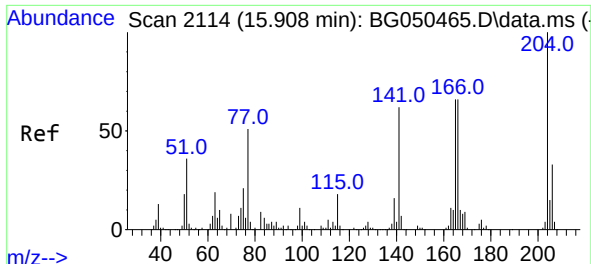
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#60
Diethylphthalate
Concen: 47.19 ng
RT: 15.674 min Scan# 2074
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:149 Resp: 443527
Ion Ratio Lower Upper
149 100
177 21.8 19.0 28.6
150 12.8 10.2 15.4





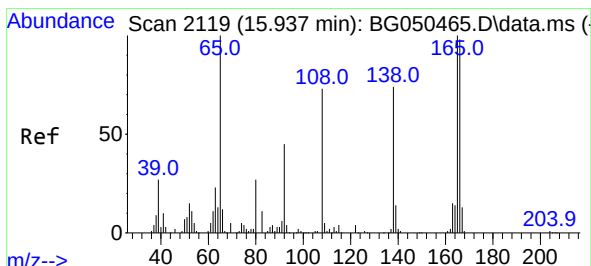
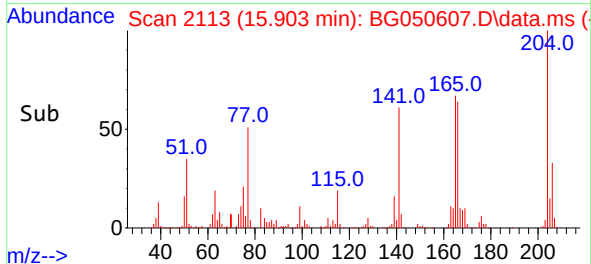
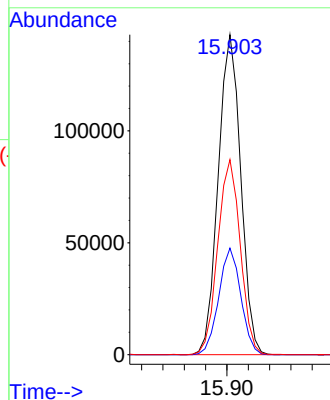
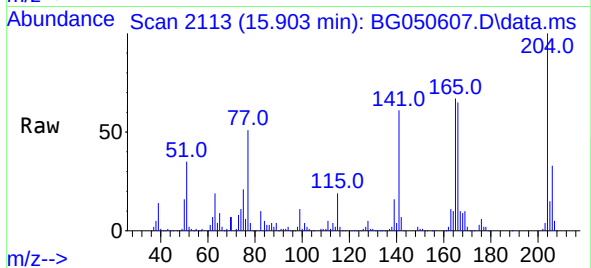
#61
4-Chlorophenyl-phenylether
Concen: 46.19 ng
RT: 15.903 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

Tgt Ion:204 Resp: 209525
Ion Ratio Lower Upper
204 100
206 33.3 24.6 37.0
141 60.9 47.8 71.8

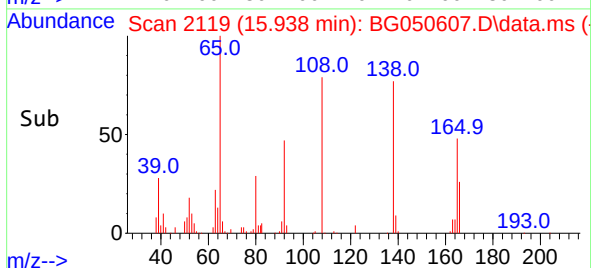
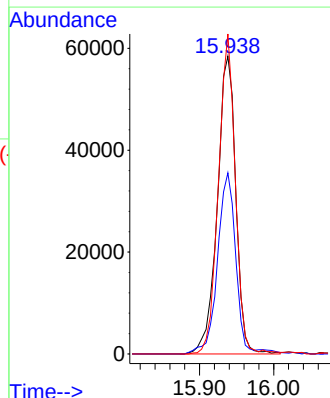
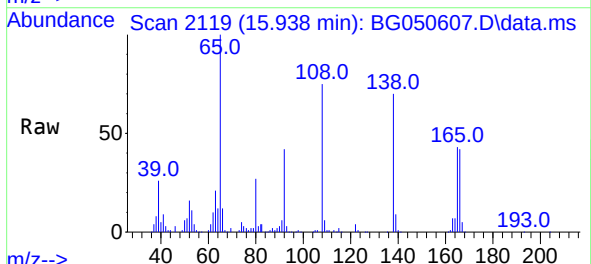
Manual Integrations
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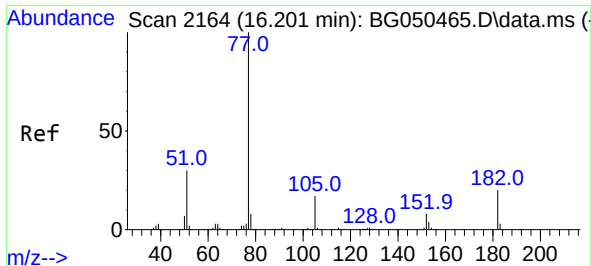
mohammad
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#62
4-Nitroaniline
Concen: 45.94 ng
RT: 15.938 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:138 Resp: 101289
Ion Ratio Lower Upper
138 100
92 60.8 32.3 72.3
108 107.4 132.4 172.4#





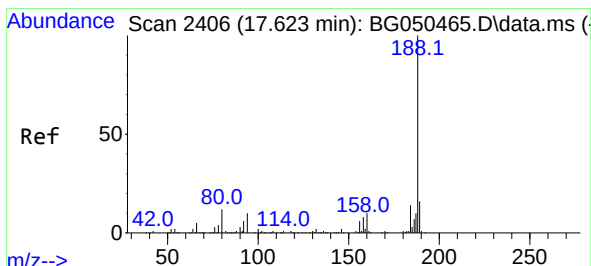
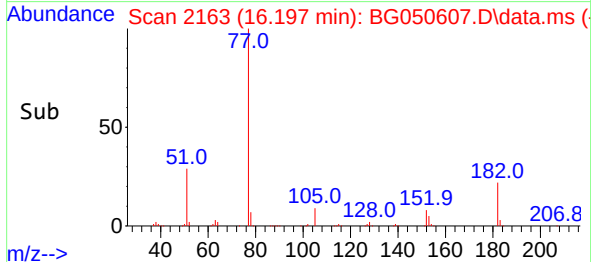
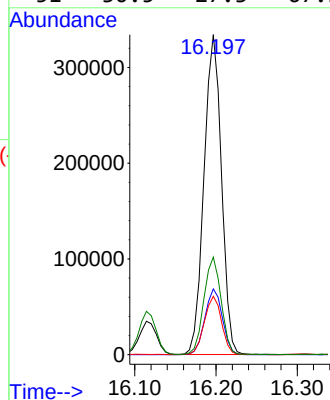
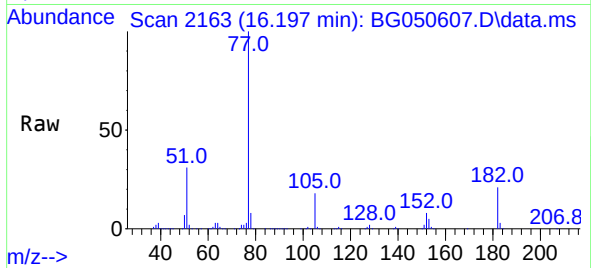
#63
Azobenzene
Concen: 45.76 ng
RT: 16.197 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	77	Resp:	497801
Ion	Ratio	Lower	Upper
77	100		
182	20.6	7.9	47.9
105	18.2	0.0	37.9
51	30.5	27.3	67.3

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

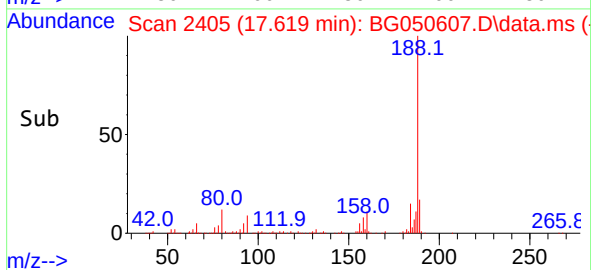
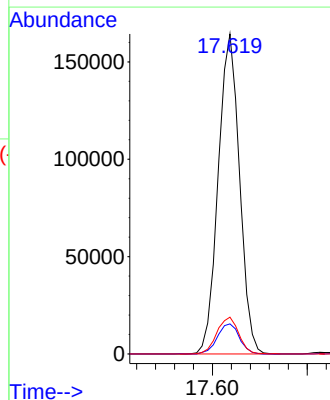
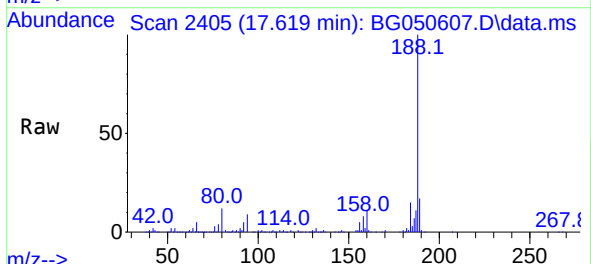
Manual Integrations
APPROVED

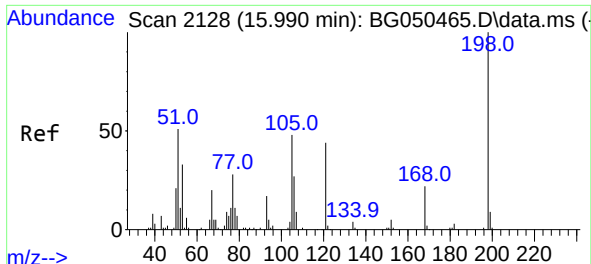
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	188	Resp:	257068
Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.4	8.0#
80	11.5	3.7	5.5#





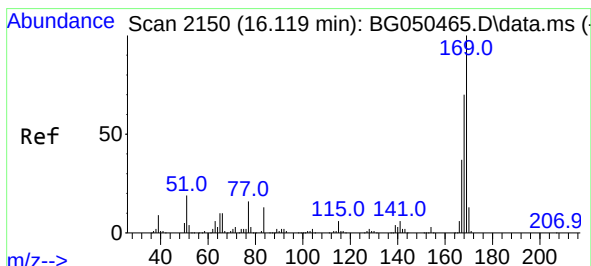
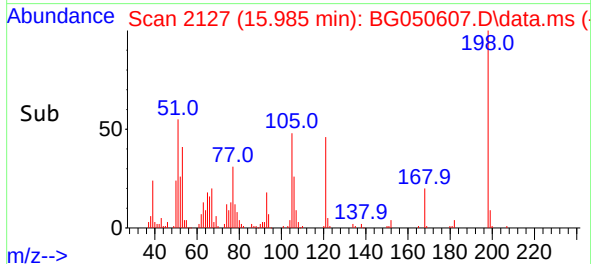
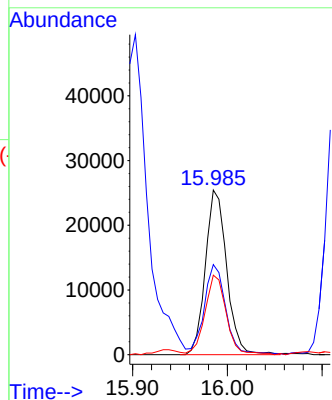
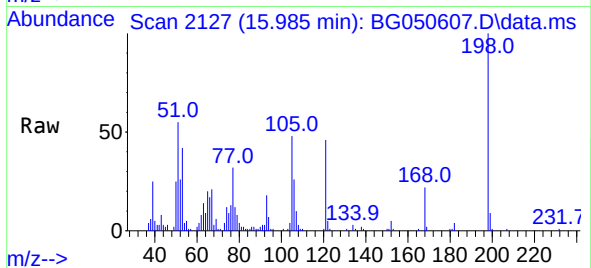
#65
4,6-Dinitro-2-methylphenol
Concen: 25.78 ng
RT: 15.985 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:	198	Resp:	39807
Ion Ratio	Lower	Upper	
198	100		
51	54.7	29.4	69.4
105	48.2	15.1	55.1

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

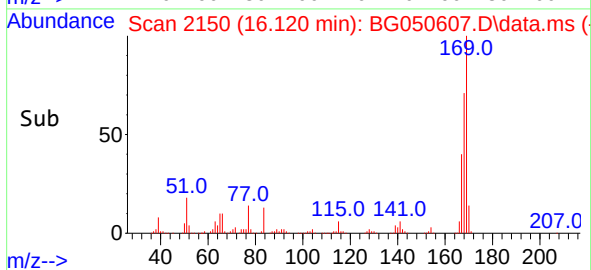
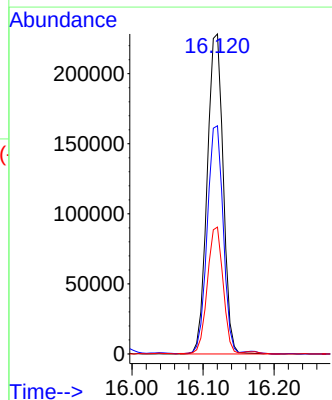
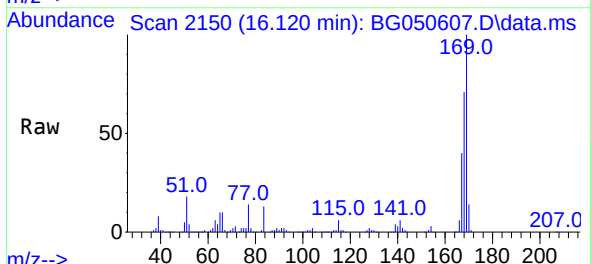
Manual Integrations
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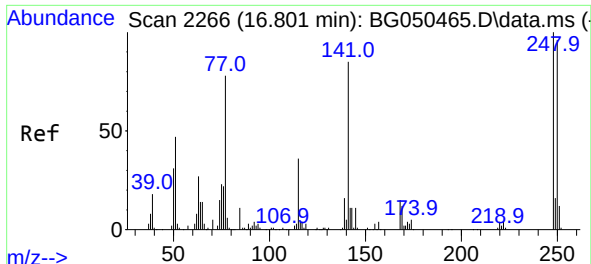
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#66
n-Nitrosodiphenylamine
Concen: 48.92 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

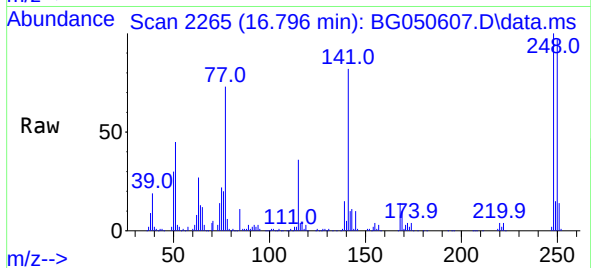
Tgt Ion:	169	Resp:	357349
Ion Ratio	Lower	Upper	
169	100		
168	71.3	56.3	84.5
167	39.7	28.4	42.6





#67
4-Bromophenyl-phenylether
Concen: 47.51 ng
RT: 16.796 min Scan# 2265
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

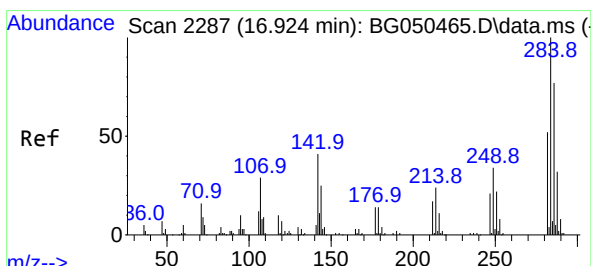
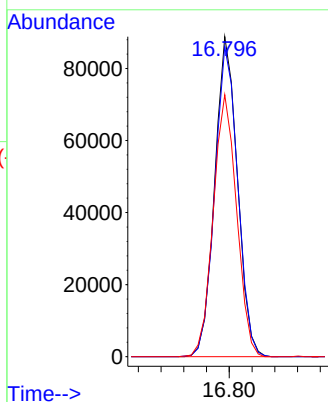
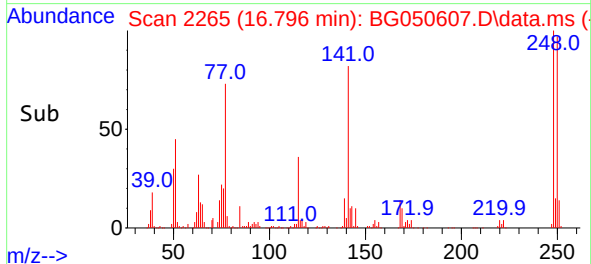
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



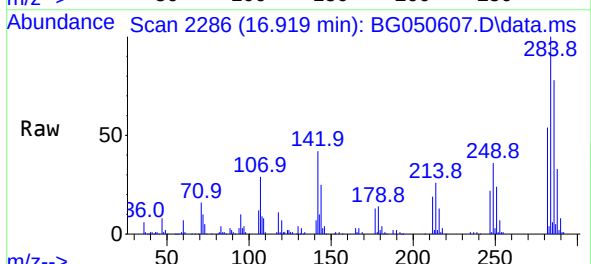
Tgt Ion:248 Resp: 123066
Ion Ratio Lower Upper
248 100
250 96.9 76.1 114.1
141 81.9 65.4 98.2

Manual Integrations
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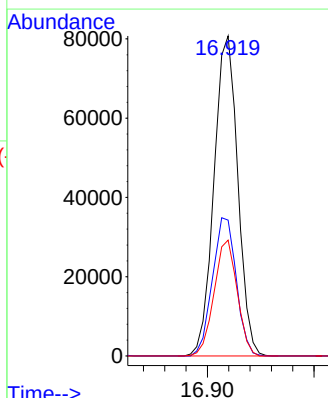
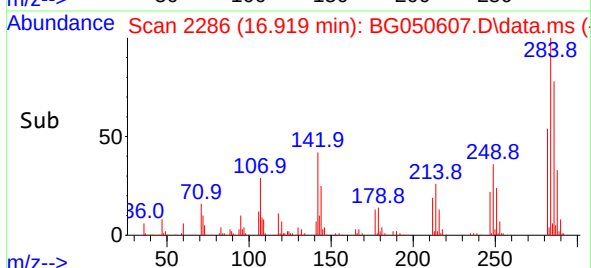
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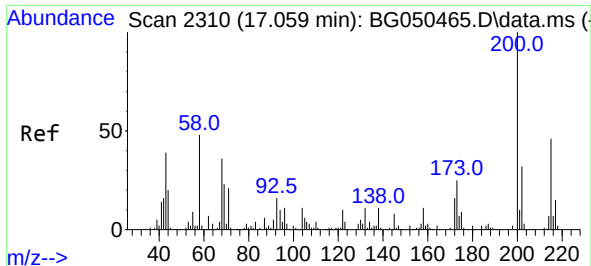


#68
Hexachlorobenzene
Concen: 48.51 ng
RT: 16.919 min Scan# 2286
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



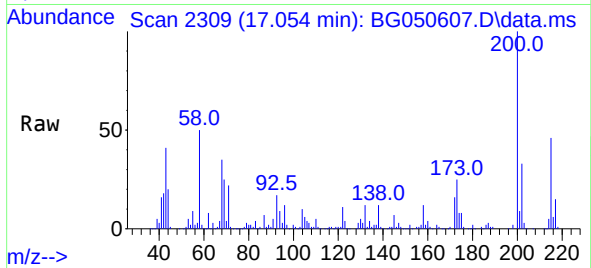
Tgt Ion:284 Resp: 124883
Ion Ratio Lower Upper
284 100
142 42.5 27.0 40.6#
249 36.2 28.2 42.2





#69
Atrazine
Concen: 50.49 ng
RT: 17.054 min Scan# 2309
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

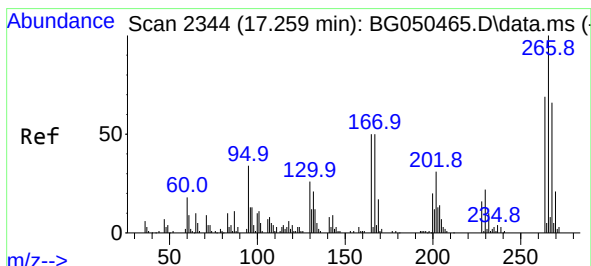
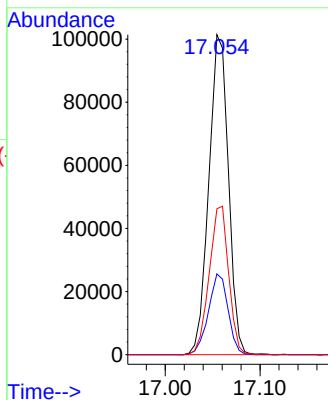
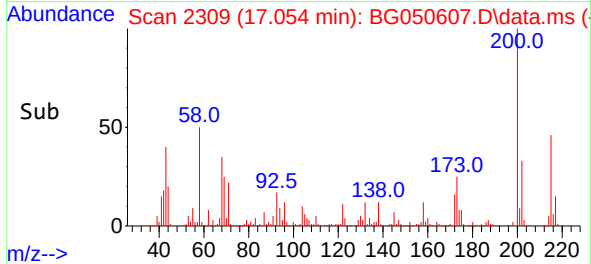
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



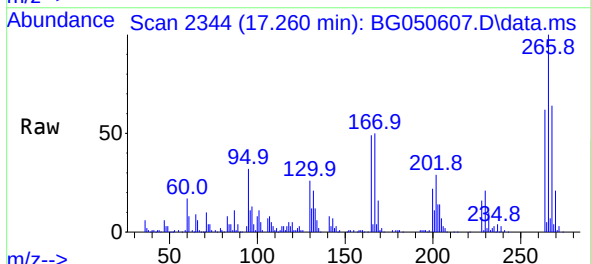
Tgt Ion:200 Resp: 145284
Ion Ratio Lower Upper
200 100
173 25.3 3.7 43.7
215 45.6 26.9 66.9

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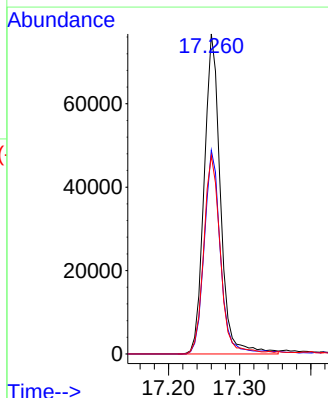
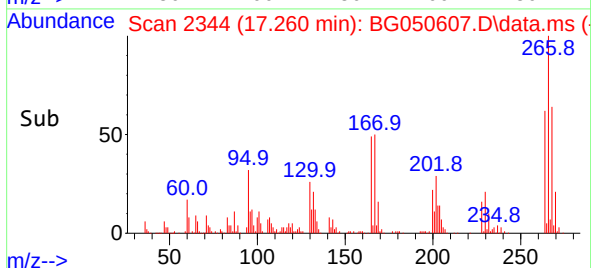
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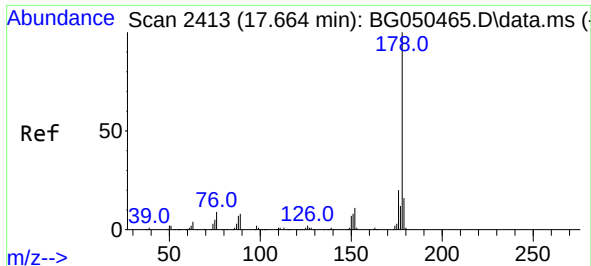


#70
Pentachlorophenol
Concen: 69.86 ng
RT: 17.260 min Scan# 2344
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:266 Resp: 122447
Ion Ratio Lower Upper
266 100
268 63.7 49.0 73.4
264 62.0 49.0 73.6





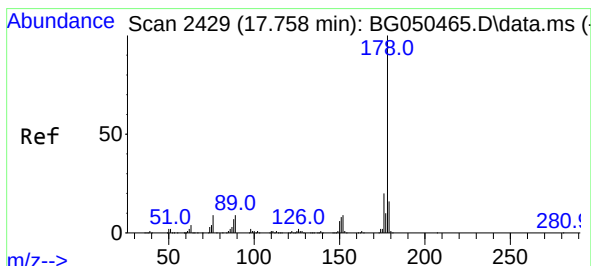
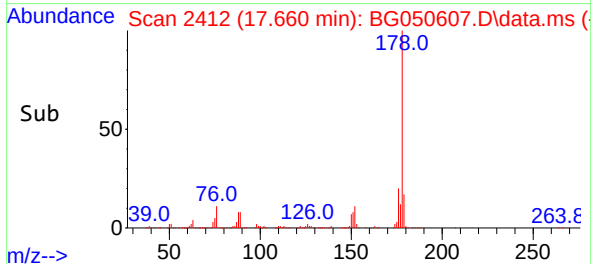
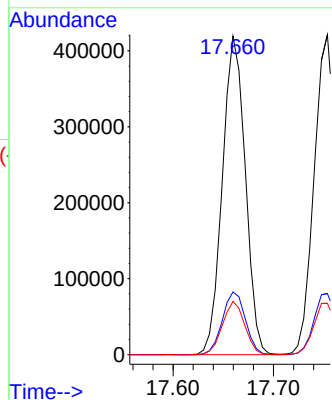
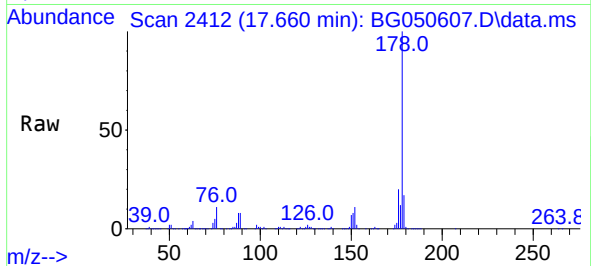
#71
Phenanthrene
Concen: 49.09 ng
RT: 17.660 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:178 Resp: 664952
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.7 14.2 21.4

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

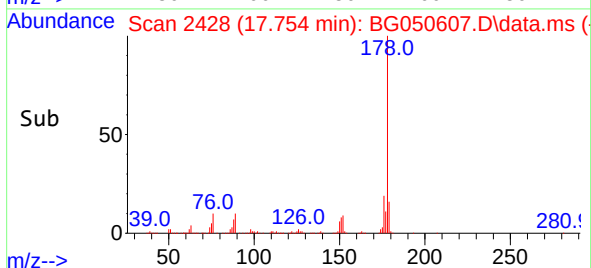
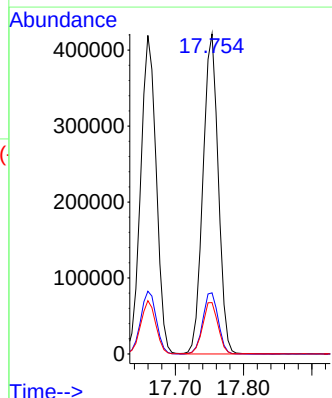
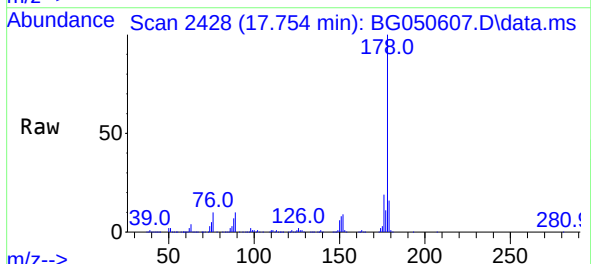
Manual Integrations
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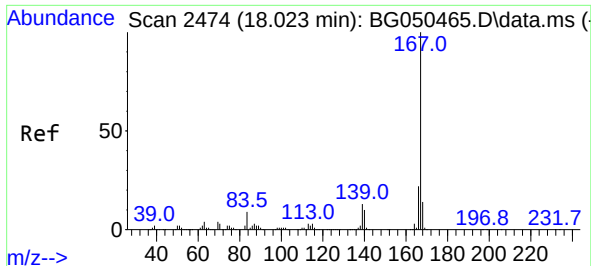
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#72
Anthracene
Concen: 48.77 ng
RT: 17.754 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

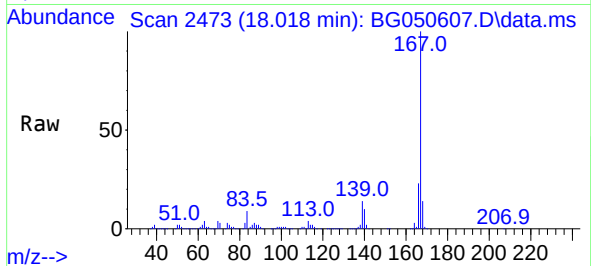
Tgt Ion:178 Resp: 656519
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 16.1 13.4 20.0





#73
Carbazole
Concen: 45.81 ng
RT: 18.018 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

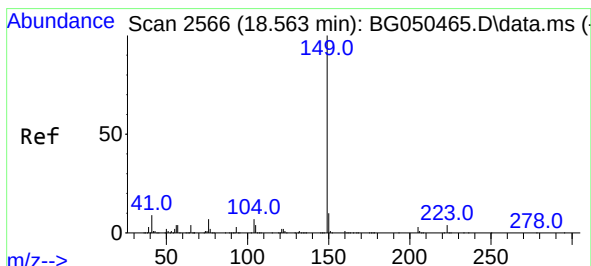
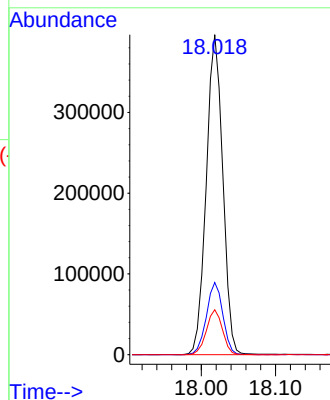
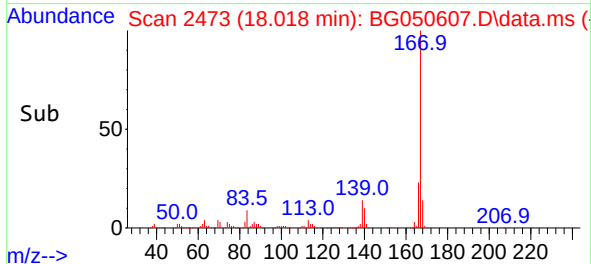
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



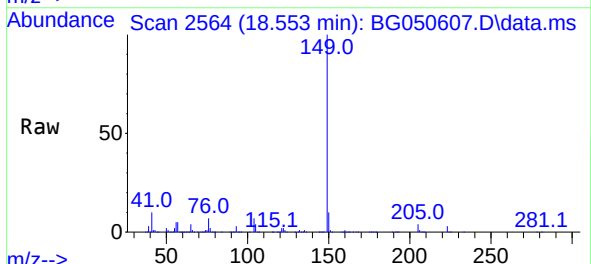
Tgt Ion:167 Resp: 614584
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.2
139 14.1 10.7 16.1

Manual Integrations
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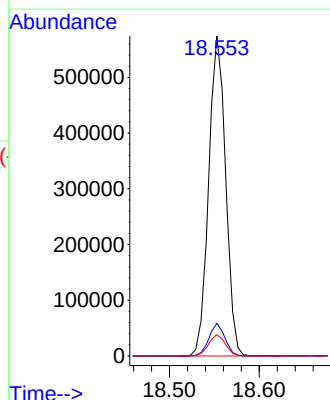
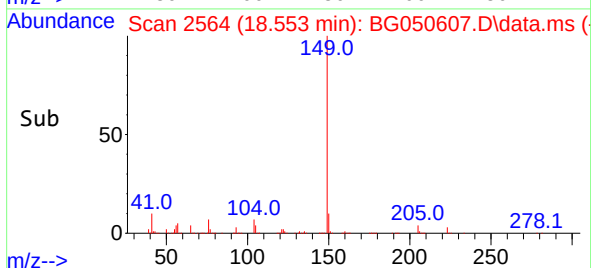
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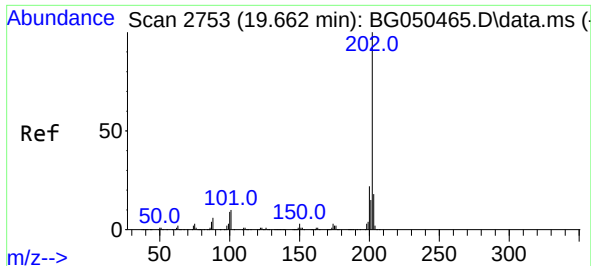


#74
Di-n-butylphthalate
Concen: 47.81 ng
RT: 18.553 min Scan# 2564
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:149 Resp: 752756
Ion Ratio Lower Upper
149 100
150 10.2 7.5 11.3
104 6.7 6.6 10.0





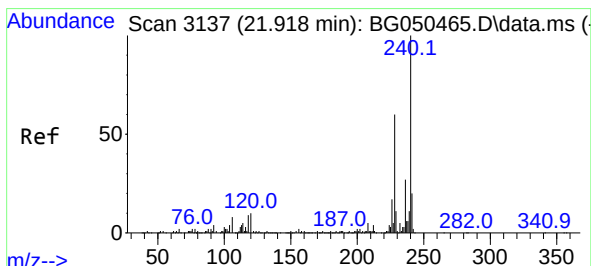
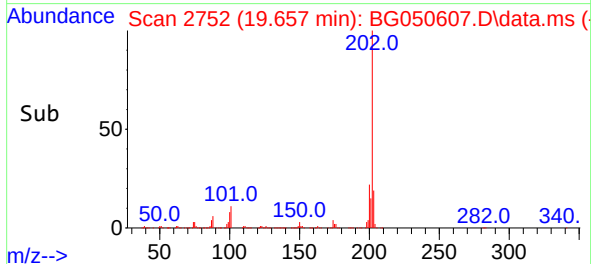
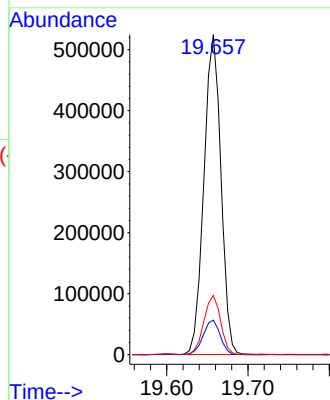
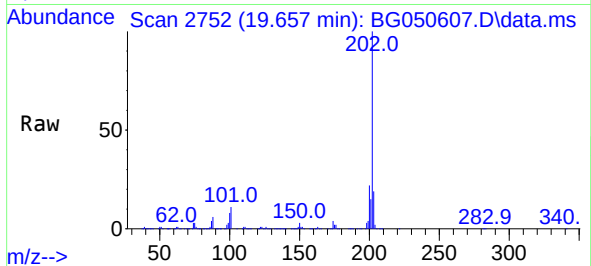
#75
Fluoranthene
Concen: 45.66 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:202 Resp: 760302
Ion Ratio Lower Upper
202 100
101 10.8 0.0 24.7
203 18.5 0.0 38.5

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

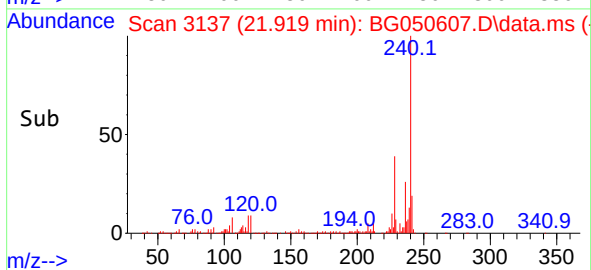
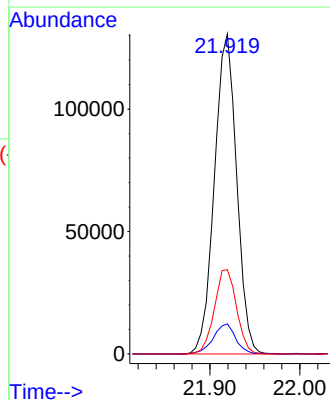
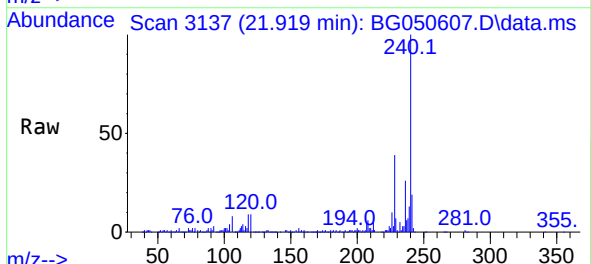
Manual Integrations
APPROVED

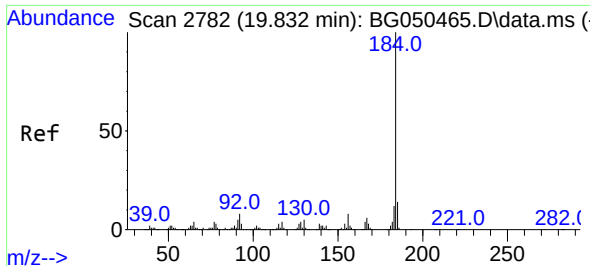
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

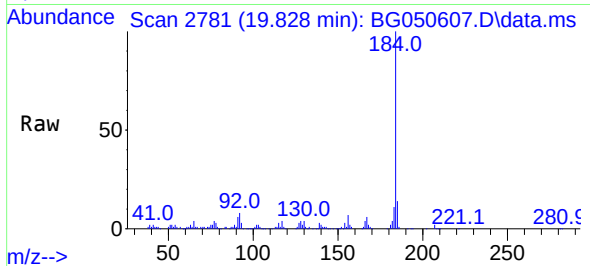
Tgt Ion:240 Resp: 224458
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.4 21.8 32.6





#77
Benzidine
Concen: 20.20 ng
RT: 19.828 min Scan# 2781
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

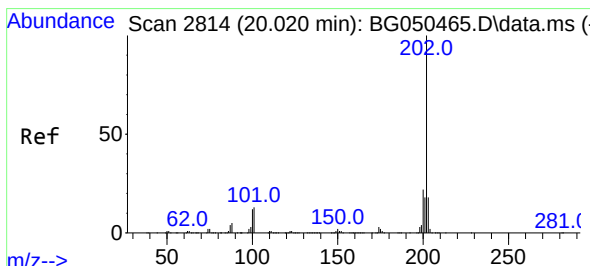
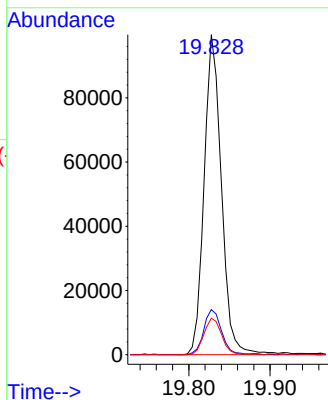
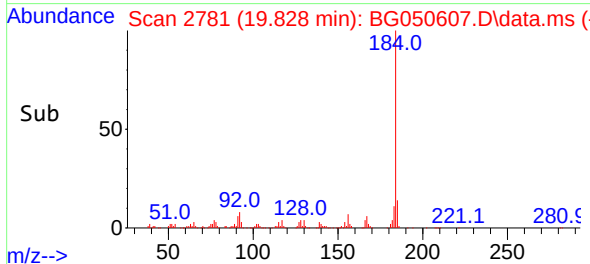
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



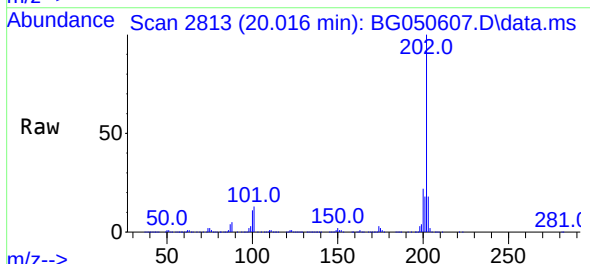
Tgt Ion:184 Resp: 146930
Ion Ratio Lower Upper
184 100
185 14.1 10.7 16.1
183 11.4 9.4 14.0

Manual Integrations
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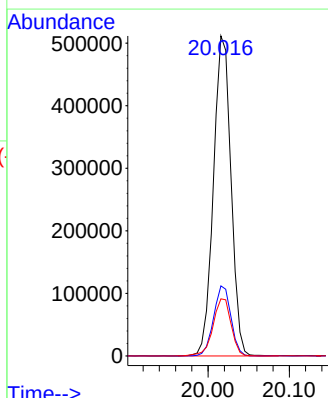
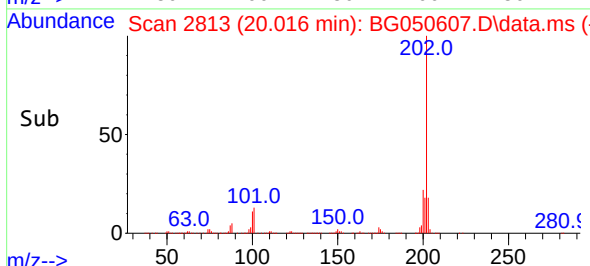
mohammad
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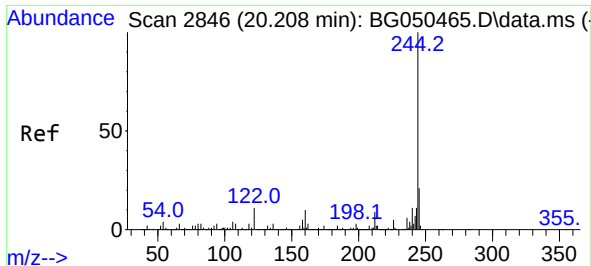


#78
Pyrene
Concen: 48.25 ng
RT: 20.016 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



Tgt Ion:202 Resp: 768474
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 17.9 14.6 21.8





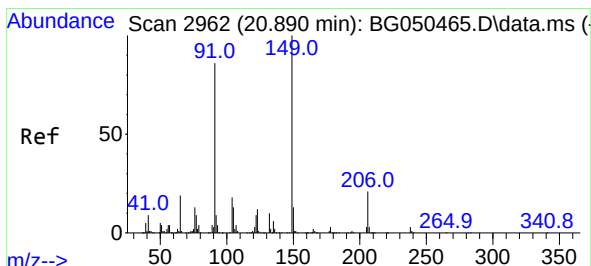
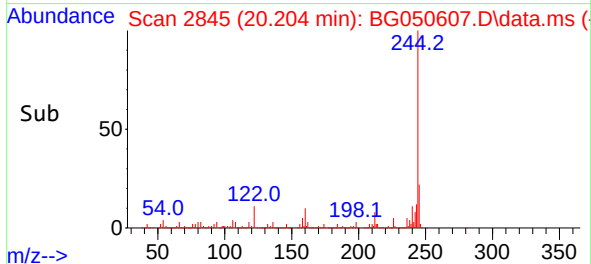
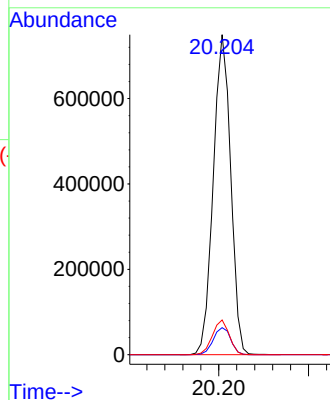
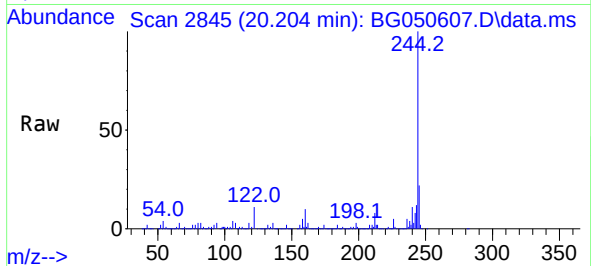
#79
 Terphenyl-d14
 Concen: 87.63 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050607.D
 Acq: 15 Oct 2021 17:26

Tgt Ion:244 Resp: 1009291
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 10.9 5.0 7.6#

Instrument :
 BNA_G
 ClientSampleId :
 HAR-SOILPILE MS

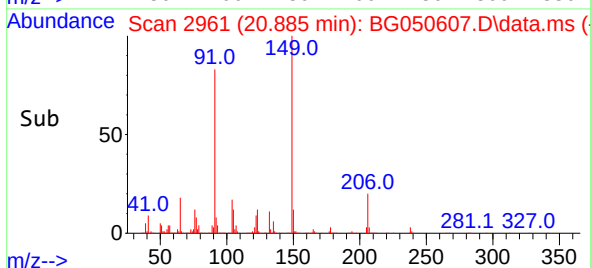
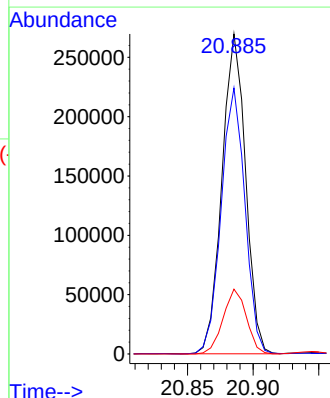
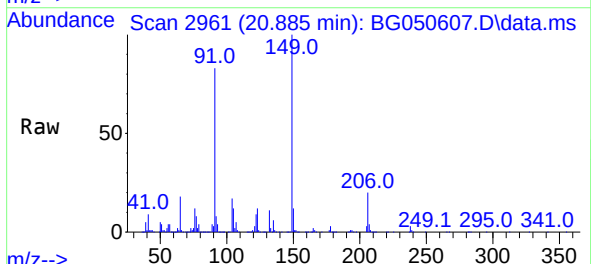
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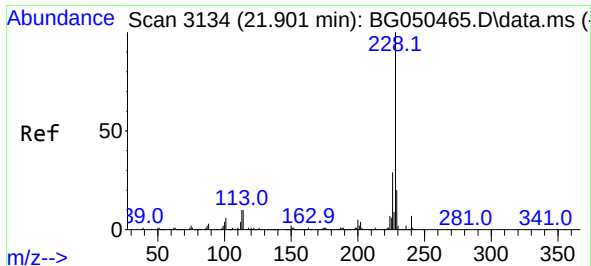
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#80
 Butylbenzylphthalate
 Concen: 49.97 ng
 RT: 20.885 min Scan# 2961
 Delta R.T. -0.005 min
 Lab File: BG050607.D
 Acq: 15 Oct 2021 17:26

Tgt Ion:149 Resp: 336617
 Ion Ratio Lower Upper
 149 100
 91 83.1 63.4 95.2
 206 20.3 18.4 27.6





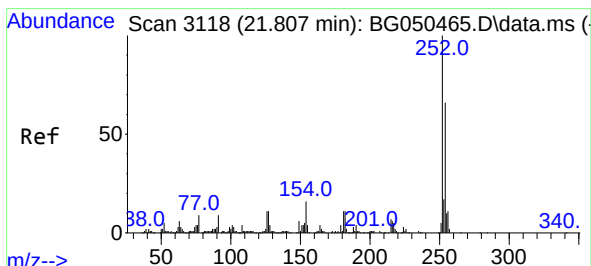
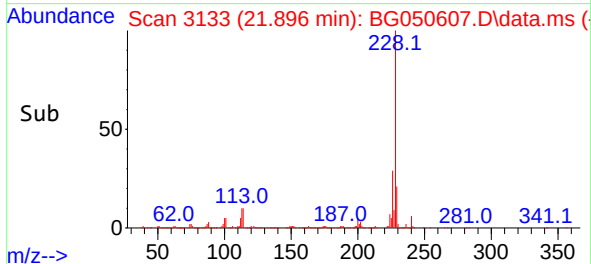
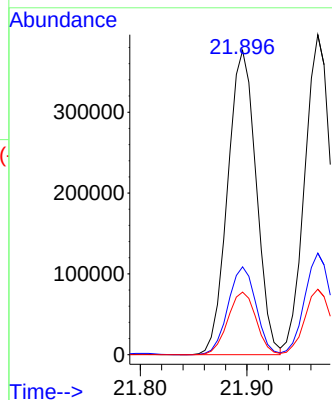
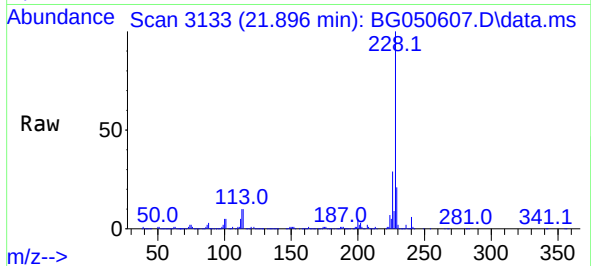
#81
Benzo(a)anthracene
Concen: 47.07 ng
RT: 21.896 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:228 Resp: 699128
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 20.6 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

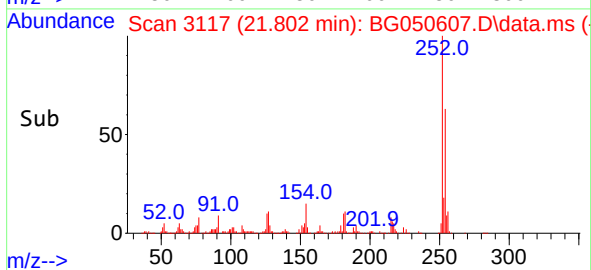
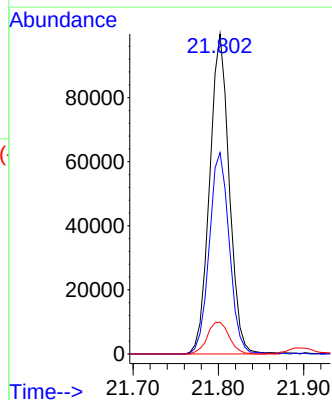
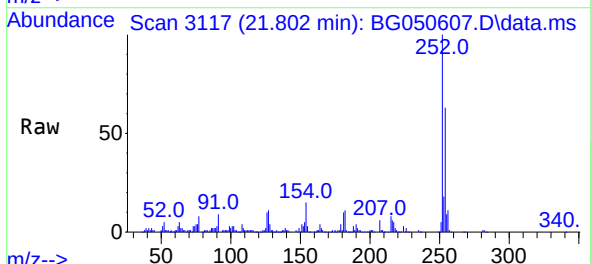
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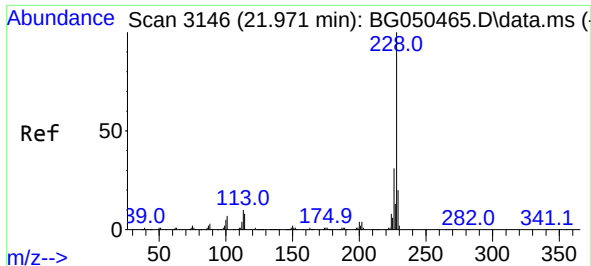
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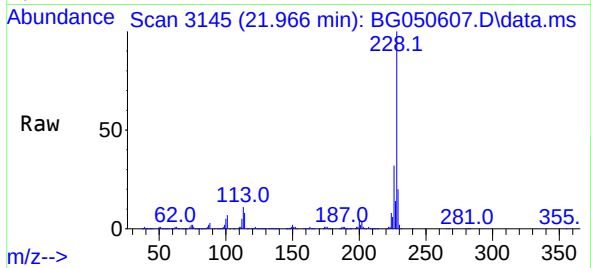
#82
3,3'-Dichlorobenzidine
Concen: 32.41 ng
RT: 21.802 min Scan# 3117
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:252 Resp: 159537
Ion Ratio Lower Upper
252 100
254 62.9 52.4 78.6
126 9.9 5.9 8.9#

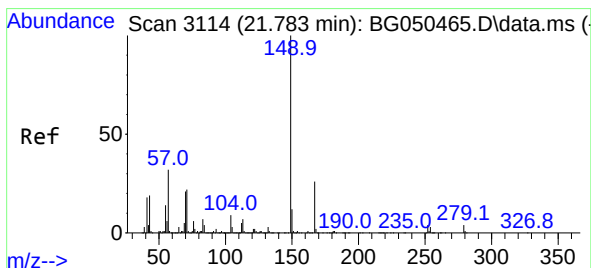
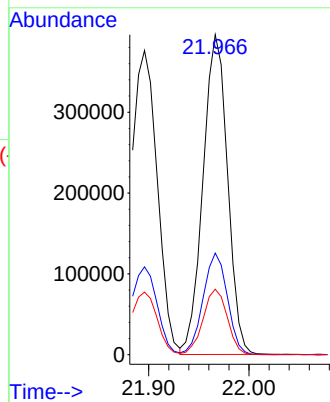
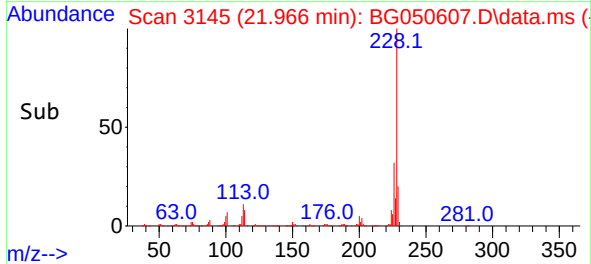




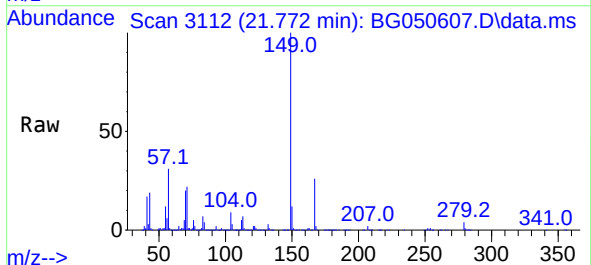
#83
Chrysene
Concen: 48.07 ng
RT: 21.966 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



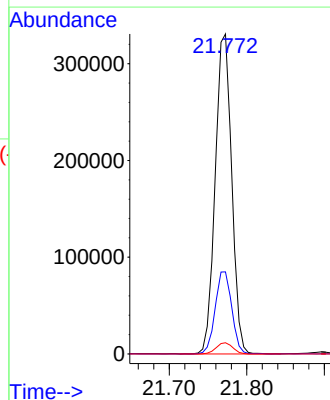
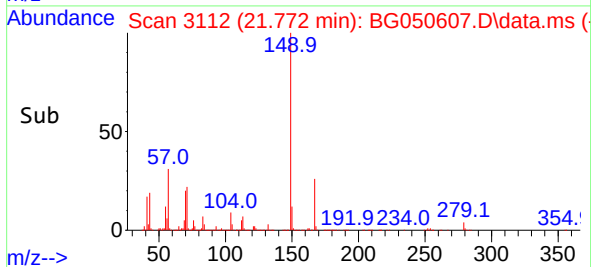
Tgt Ion:228 Resp: 671619
Ion Ratio Lower Upper
228 100
226 31.7 23.1 34.7
229 20.4 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.97 ng
RT: 21.772 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26



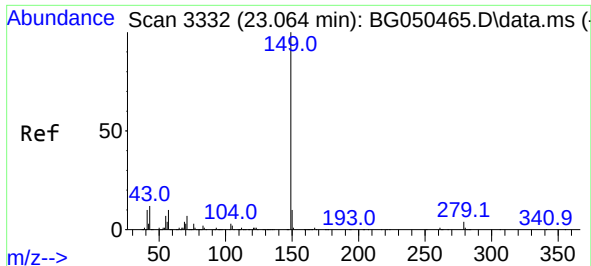
Tgt Ion:149 Resp: 487816
Ion Ratio Lower Upper
149 100
167 25.6 22.3 33.5
279 3.5 3.8 5.8#



Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

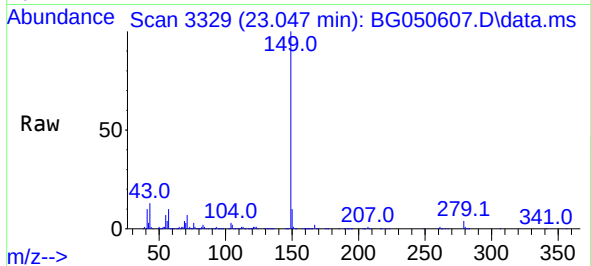
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#85
Di-n-octyl phthalate
Concen: 52.01 ng
RT: 23.047 min Scan# 3329
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

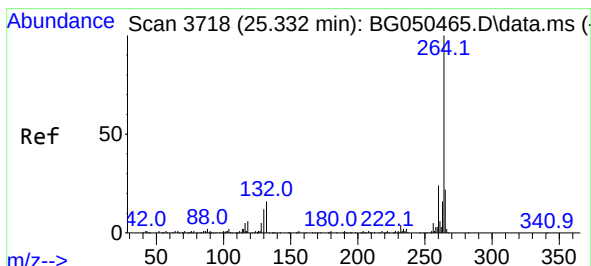
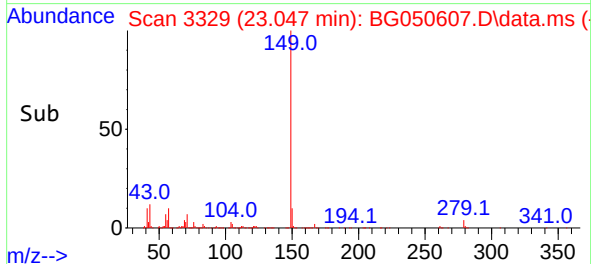
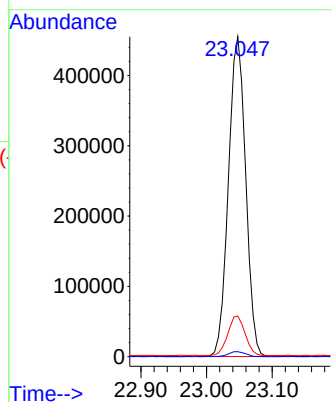
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



Tgt Ion:149 Resp: 830312
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 12.4 8.6 12.8

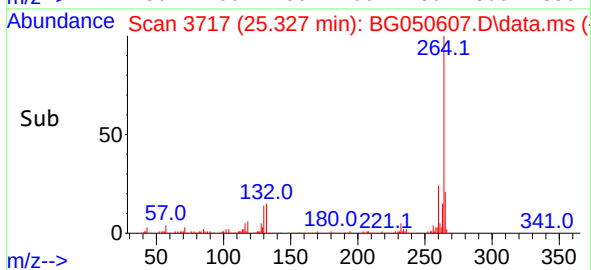
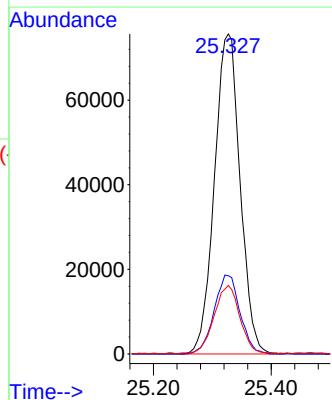
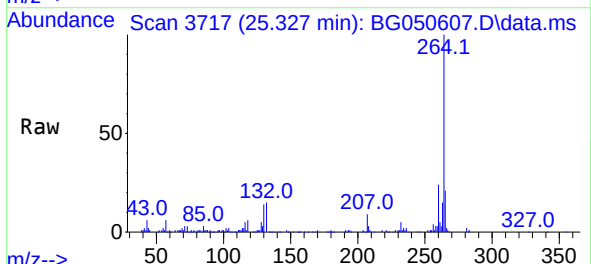
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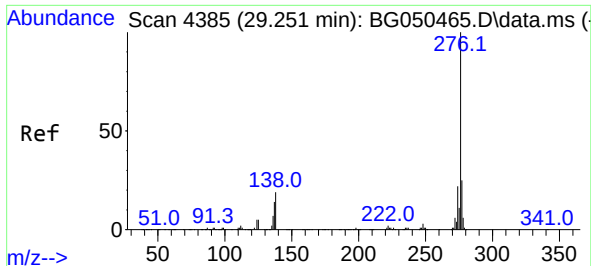
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:264 Resp: 228426
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.4 16.9 25.3





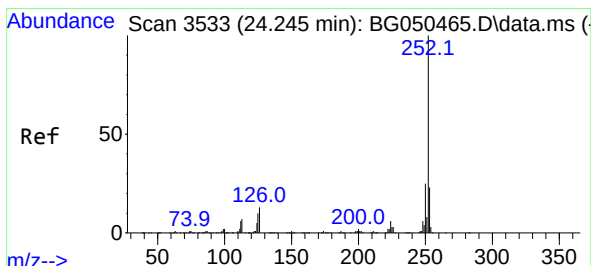
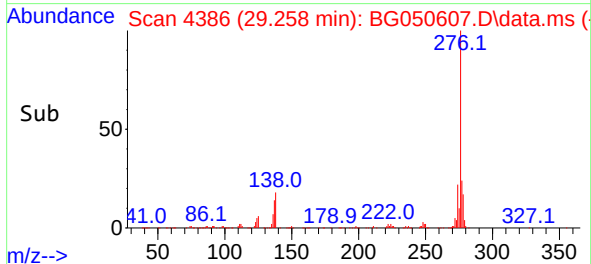
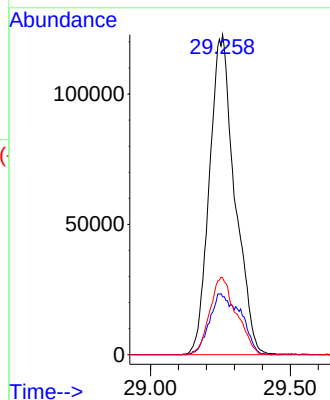
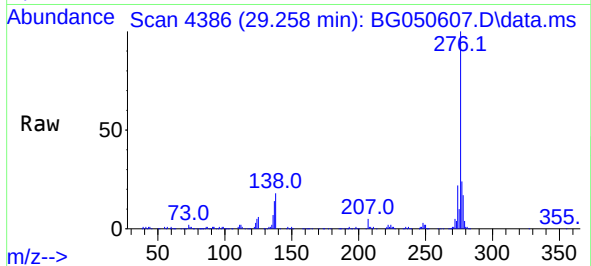
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.64 ng
RT: 29.258 min Scan# 4386
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 276 Resp: 773803
Ion Ratio Lower Upper
276 100
138 23.5 5.1 7.7#
277 25.5 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

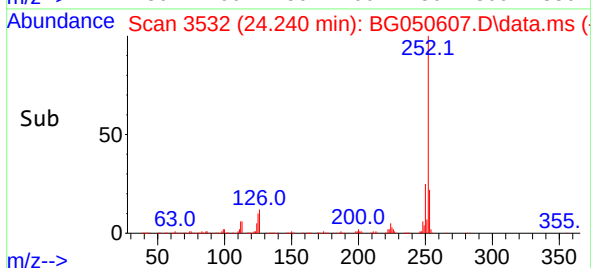
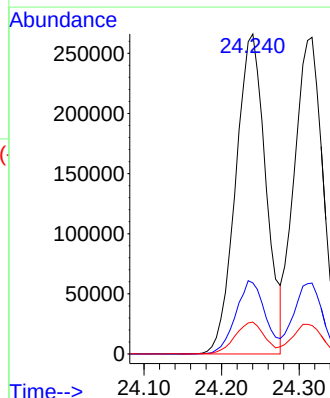
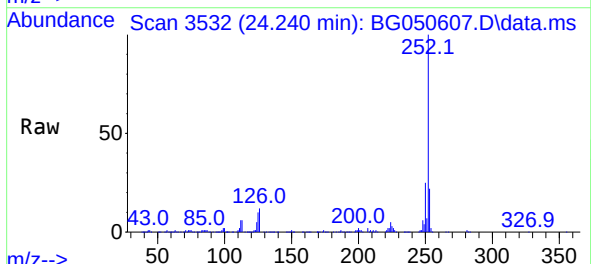
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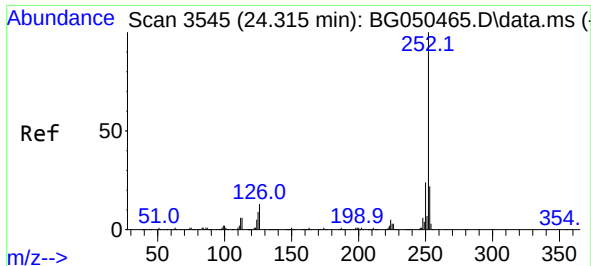
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#88
Benzo(b)fluoranthene
Concen: 51.36 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion: 252 Resp: 718467
Ion Ratio Lower Upper
252 100
253 22.2 16.2 24.4
125 9.9 3.0 4.4#





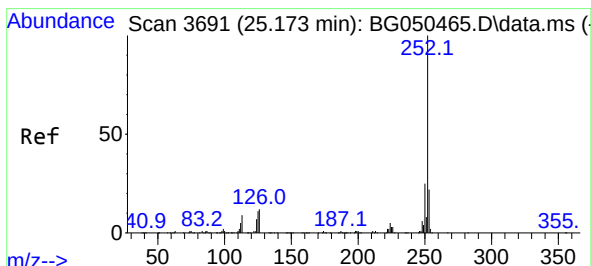
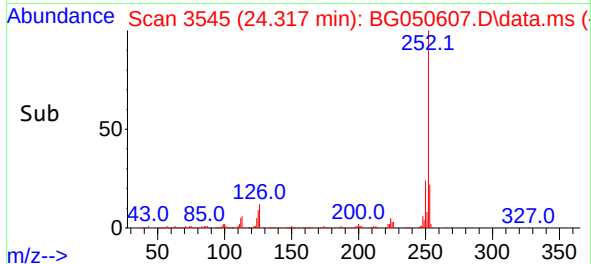
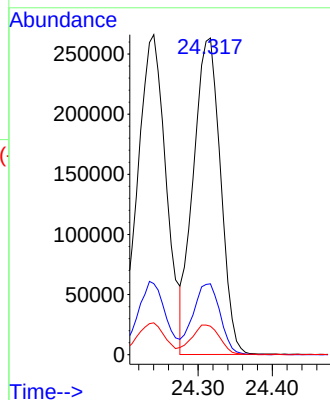
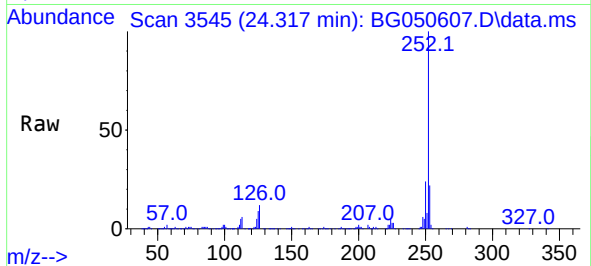
#89
Benzo(k)fluoranthene
Concen: 48.64 ng
RT: 24.317 min Scan# 3545
Delta R.T. 0.001 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:252 Resp: 669356
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.0 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

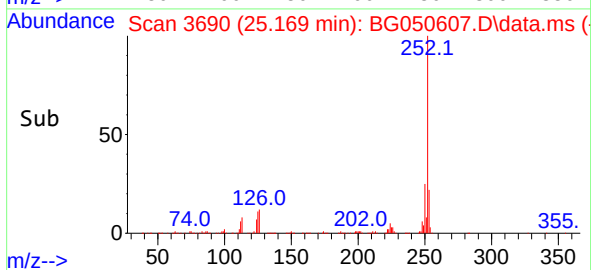
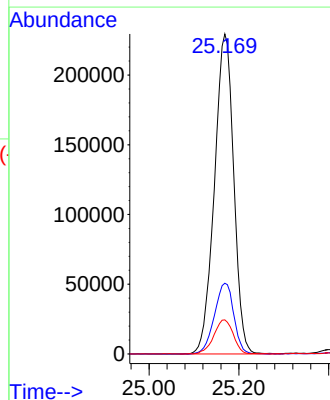
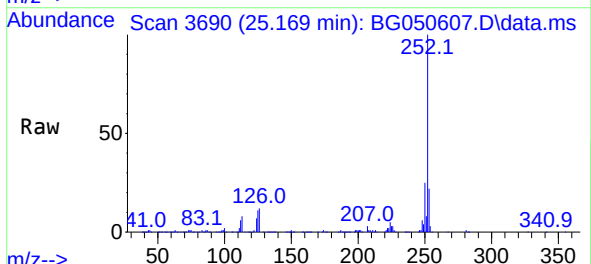
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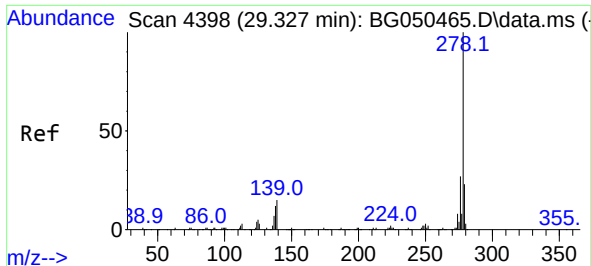
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#90
Benzo(a)pyrene
Concen: 57.57 ng
RT: 25.169 min Scan# 3690
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

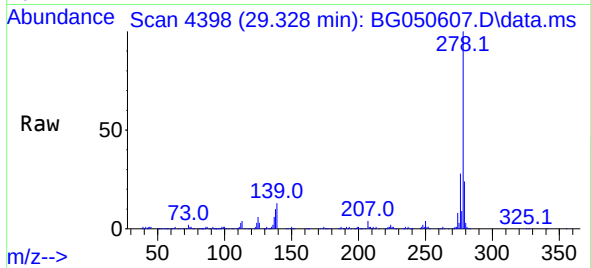
Tgt Ion:252 Resp: 684765
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 10.7 3.5 5.3#





#91
Dibenzo(a,h)anthracene
Concen: 49.64 ng
RT: 29.328 min Scan# 4398
Delta R.T. -0.005 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

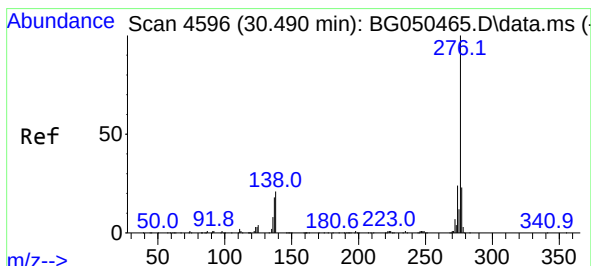
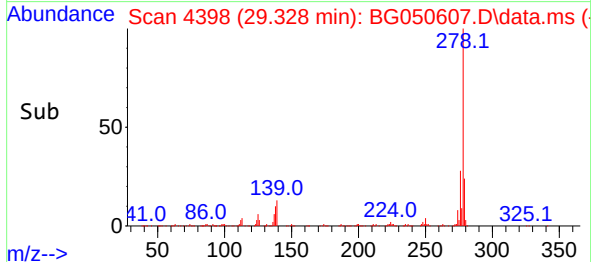
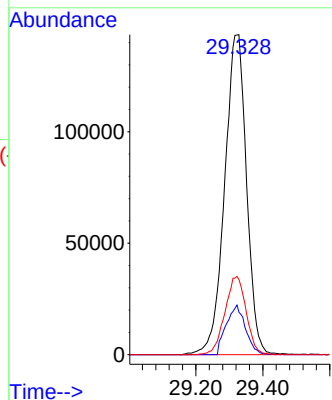
Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS



Tgt Ion:278 Resp: 653289
Ion Ratio Lower Upper
278 100
139 13.3 4.6 6.8#
279 23.5 17.9 26.9

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#92
Benzo(g,h,i)perylene
Concen: 50.27 ng
RT: 30.486 min Scan# 4595
Delta R.T. -0.011 min
Lab File: BG050607.D
Acq: 15 Oct 2021 17:26

Tgt Ion:276 Resp: 647861
Ion Ratio Lower Upper
276 100
277 22.6 18.4 27.6
138 19.4 7.0 10.6#

