

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053031.D
 Acq On : 5 Apr 2022 14:36
 Operator : CG/JU
 Sample : PB143892BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143892BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 16:24:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	30775	20.000	ng	-0.01
21) Naphthalene-d8	10.942	136	126326	20.000	ng	#-0.02
39) Acenaphthene-d10	14.754	164	95539	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	225436	20.000	ng	0.00
76) Chrysene-d12	21.780	240	240233	20.000	ng	-0.02
86) Perylene-d12	25.081	264	254973	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	232172	131.383	ng	0.00
7) Phenol-d6	7.288	99	332822	124.926	ng	0.00
23) Nitrobenzene-d5	9.297	82	234905	93.330	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	166827	129.949	ng	-0.01
45) 2-Fluorobiphenyl	13.380	172	503707	77.758	ng	-0.01
79) Terphenyl-d14	20.094	244	1037693	76.838	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	31968	36.164	ng	# 93
3) Pyridine	3.986	79	66074	29.159	ng	# 91
4) n-Nitrosodimethylamine	3.892	42	50883	50.618	ng	87
6) Aniline	7.452	93	109179	34.950	ng	98
8) 2-Chlorophenol	7.699	128	86964	46.835	ng	91
9) Benzaldehyde	7.264	77	56843	38.377	ng	96
10) Phenol	7.311	94	123007	46.773	ng	84
11) bis(2-Chloroethyl)ether	7.540	93	86332	43.470	ng	90
12) 1,3-Dichlorobenzene	8.022	146	92627	41.431	ng	# 92
13) 1,4-Dichlorobenzene	8.169	146	93668	41.699	ng	94
14) 1,2-Dichlorobenzene	8.492	146	91688	43.159	ng	95
15) Benzyl Alcohol	8.363	79	102940	45.889	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.656	45	146807	42.447	ng	99
17) 2-Methylphenol	8.568	107	81809	46.663	ng	93
18) Hexachloroethane	9.220	117	36850	44.713	ng	92
19) n-Nitroso-di-n-propyla...	8.933	70	80391	42.605	ng	# 93
20) 3+4-Methylphenols	8.897	107	110277	44.946	ng	92
22) Acetophenone	8.950	105	142025	43.445	ng	# 93
24) Nitrobenzene	9.338	77	122773	48.751	ng	91
25) Isophorone	9.861	82	210431	43.178	ng	97
26) 2-Nitrophenol	10.049	139	48793	55.792	ng	# 79
27) 2,4-Dimethylphenol	10.102	122	84836	47.416	ng	94
28) bis(2-Chloroethoxy)met...	10.337	93	118162	41.004	ng	# 98
29) 2,4-Dichlorophenol	10.583	162	94787	47.081	ng	96
30) 1,2,4-Trichlorobenzene	10.807	180	99642	41.955	ng	95
31) Naphthalene	10.995	128	272533	41.719	ng	99
32) Benzoic acid	10.231	122	48440	37.823	ng	91
33) 4-Chloroaniline	11.094	127	66838	24.140	ng	94
34) Hexachlorobutadiene	11.282	225	73564	43.201	ng	97
35) Caprolactam	11.864	113	30074m	54.707	ng	
36) 4-Chloro-3-methylphenol	12.205	107	108559	46.435	ng	95
37) 2-Methylnaphthalene	12.592	142	204719	42.792	ng	95
38) 1-Methylnaphthalene	12.810	142	190985	40.905	ng	98
40) 1,2,4,5-Tetrachloroben...	12.957	216	129046	43.234	ng	99
41) Hexachlorocyclopentadiene	12.939	237	169095	95.573	ng	94
43) 2,4,6-Trichlorophenol	13.186	196	87783	45.924	ng	94

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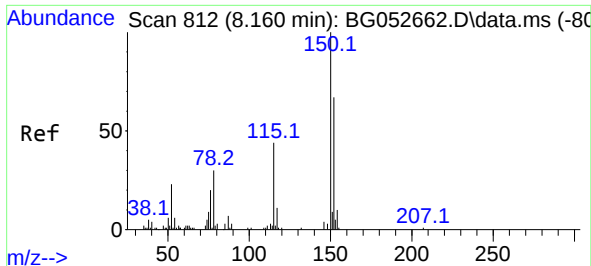
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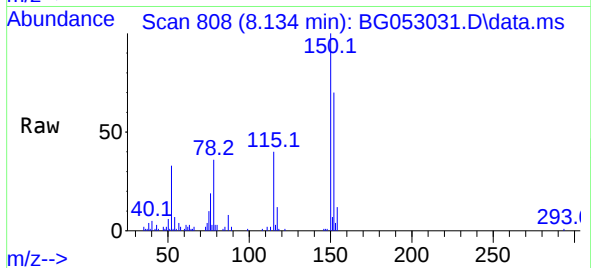
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.262	196	94561	48.739	ng	96
46) 1,1'-Biphenyl	13.585	154	277295	41.503	ng	99
47) 2-Chloronaphthalene	13.632	162	215082	40.877	ng	98
48) 2-Nitroaniline	13.826	65	86550	60.145	ng	92
49) Acenaphthylene	14.478	152	350118	41.742	ng	98
50) Dimethylphthalate	14.196	163	291408	41.040	ng	100
51) 2,6-Dinitrotoluene	14.314	165	62990	52.543	ng	# 79
52) Acenaphthene	14.819	154	262756m	48.899	ng	
53) 3-Nitroaniline	14.648	138	45830	32.670	ng	94
54) 2,4-Dinitrophenol	14.848	184	78711	120.450	ng	# 84
55) Dibenzofuran	15.148	168	347527	39.604	ng	97
56) 4-Nitrophenol	14.948	139	109437	95.635	ng	# 69
57) 2,4-Dinitrotoluene	15.101	165	93534	56.231	ng	# 82
58) Fluorene	15.800	166	291636	40.771	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	94369	45.506	ng	98
60) Diethylphthalate	15.559	149	303869	40.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.782	204	157598	39.950	ng	98
62) 4-Nitroaniline	15.806	138	68244	46.039	ng	# 76
63) Azobenzene	16.076	77	319796	39.919	ng	95
65) 4,6-Dinitro-2-methylph...	15.864	198	56841	56.556	ng	91
66) n-Nitrosodiphenylamine	15.994	169	261301	41.171	ng	99
67) 4-Bromophenyl-phenylether	16.675	248	112662	41.452	ng	96
68) Hexachlorobenzene	16.804	284	128207	43.885	ng	96
69) Atrazine	16.939	200	111223	47.526	ng	95
70) Pentachlorophenol	17.145	266	156792	86.510	ng	92
71) Phenanthrene	17.539	178	502546	41.670	ng	97
72) Anthracene	17.627	178	509180	42.708	ng	99
73) Carbazole	17.891	167	472068	39.979	ng	99
74) Di-n-butylphthalate	18.443	149	540119	41.872	ng	98
75) Fluoranthene	19.542	202	671094	43.837	ng	100
77) Benzidine	19.712	184	245562	39.632	ng	99
78) Pyrene	19.906	202	678007	40.687	ng	98
80) Butylbenzylphthalate	20.781	149	250360	42.353	ng	99
81) Benzo(a)anthracene	21.762	228	667677	41.506	ng	98
82) 3,3'-Dichlorobenzidine	21.668	252	163966	28.864	ng	99
83) Chrysene	21.827	228	639157	42.264	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	349982	43.536	ng	99
85) Di-n-octyl phthalate	22.896	149	603445	45.091	ng	96
87) Indeno(1,2,3-cd)pyrene	28.864	276	807630	46.277	ng	98
88) Benzo(b)fluoranthene	24.036	252	716674	45.269	ng	99
89) Benzo(k)fluoranthene	24.100	252	678930	43.588	ng	99
90) Benzo(a)pyrene	24.929	252	686476	51.226	ng	99
91) Dibenzo(a,h)anthracene	28.935	278	675636	46.983	ng	98
92) Benzo(g,h,i)perylene	30.051	276	676073	47.515	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.134 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

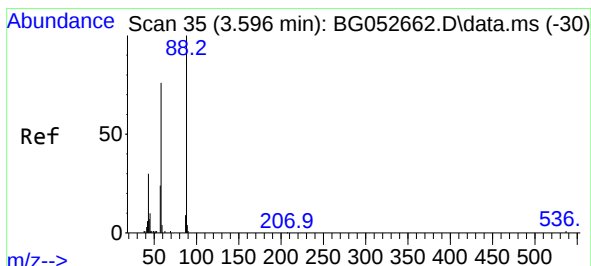
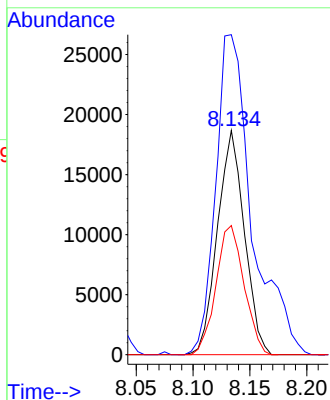
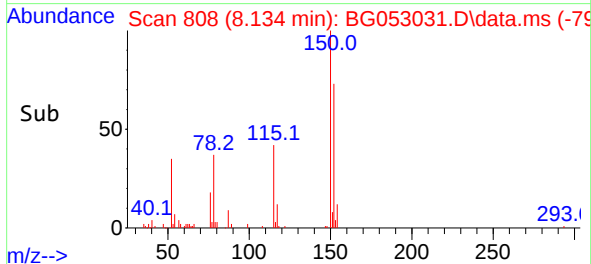
Instrument :
BNA_G
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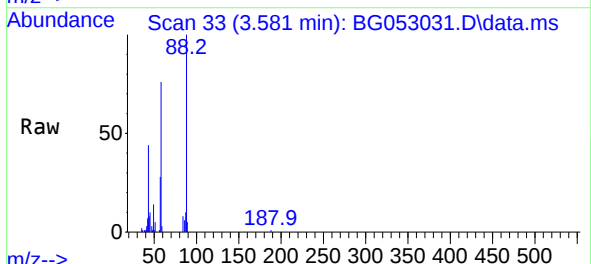
Tgt Ion:152 Resp: 3077
Ion Ratio Lower Upper
152 100
150 142.8 114.6 172.0
115 57.6 45.9 68.9

Manual Integrations
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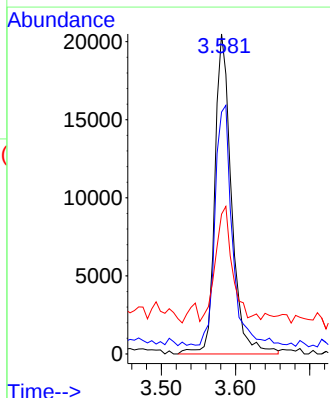
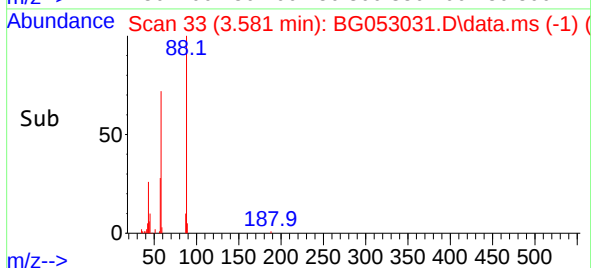
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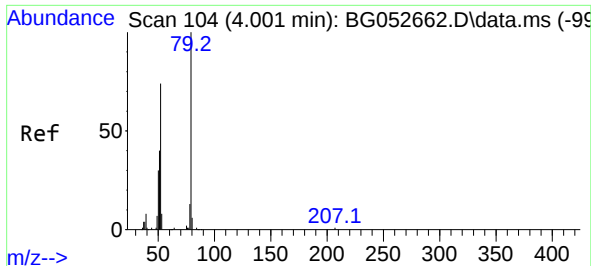


#2
1,4-Dioxane
Concen: 36.164 ng
RT: 3.581 min Scan# 33
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion: 88 Resp: 31968
Ion Ratio Lower Upper
88 100
58 76.8 58.2 87.2
43 36.1 23.4 35.0





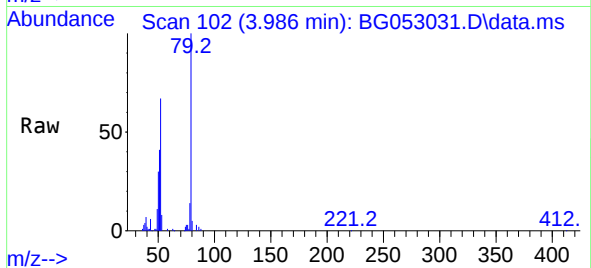
#3
Pyridine
Concen: 29.159 ng
RT: 3.986 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

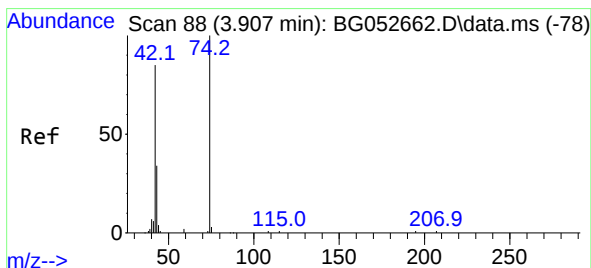
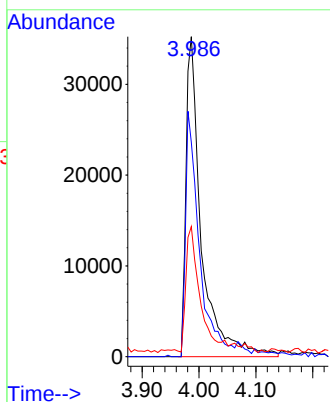
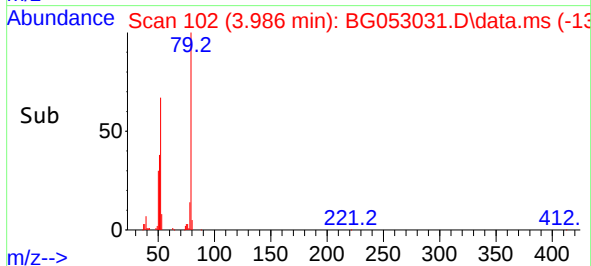
PB143892BS



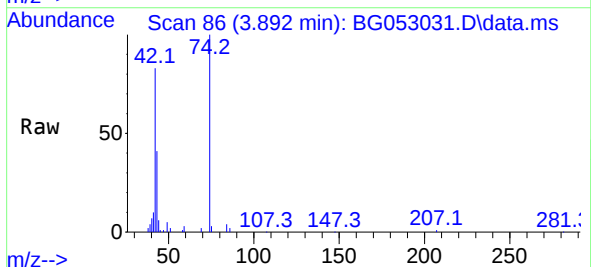
Tgt Ion: 79 Resp: 66074
Ion Ratio Lower Upper
79 100
52 67.0 50.9 76.3
51 40.7 24.4 36.6

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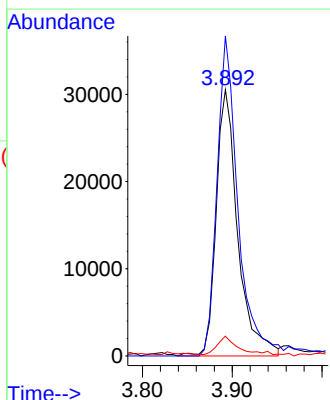
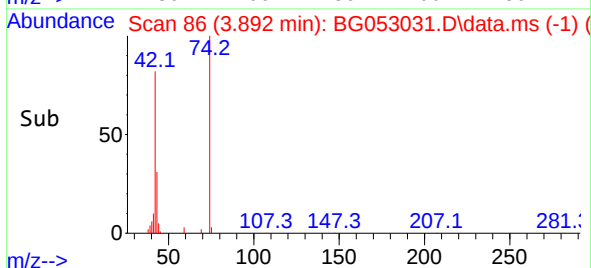
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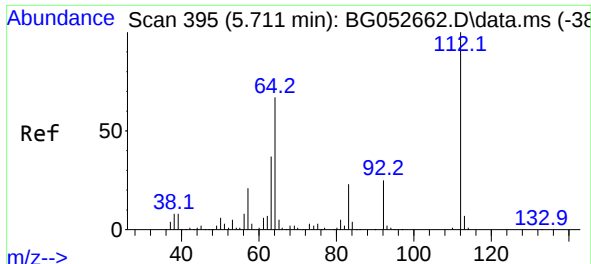


#4
n-Nitrosodimethylamine
Concen: 50.618 ng
RT: 3.892 min Scan# 86
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion: 42 Resp: 50883
Ion Ratio Lower Upper
42 100
74 120.2 108.9 163.3
44 7.5 5.7 8.5





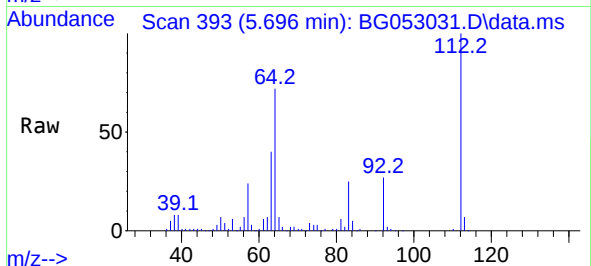
#5
2-Fluorophenol
Concen: 131.383 ng
RT: 5.696 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

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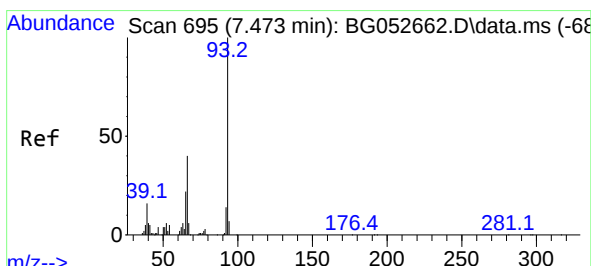
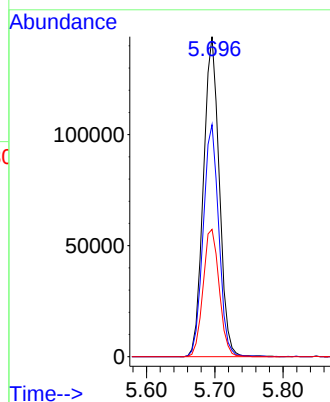
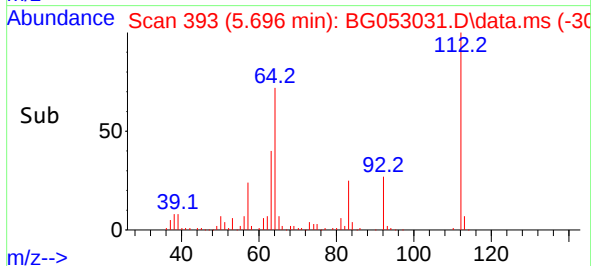


Tgt Ion:112 Resp: 232172
Ion Ratio Lower Upper
112 100
64 72.5 48.0 72.0
63 39.8 26.5 39.7

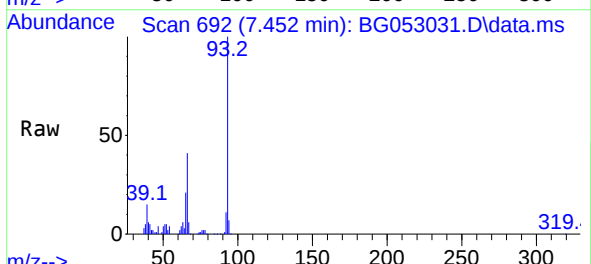
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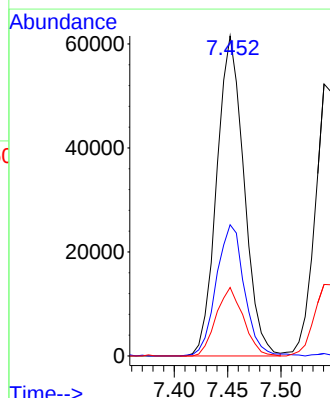
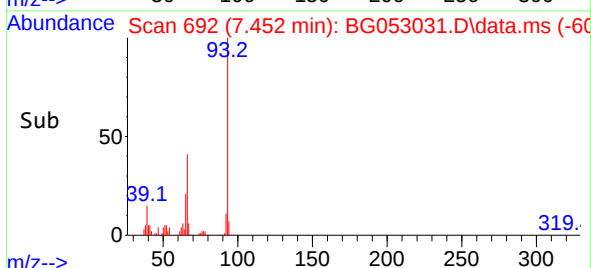
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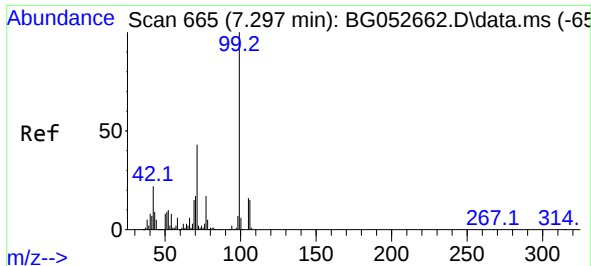


#6
Aniline
Concen: 34.950 ng
RT: 7.452 min Scan# 692
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



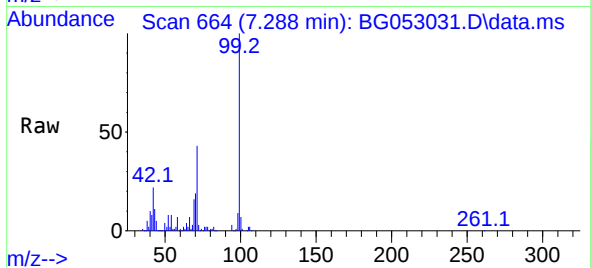
Tgt Ion: 93 Resp: 109179
Ion Ratio Lower Upper
93 100
66 41.0 31.3 46.9
65 21.4 16.7 25.1





#7
Phenol-d6
Concen: 124.926 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

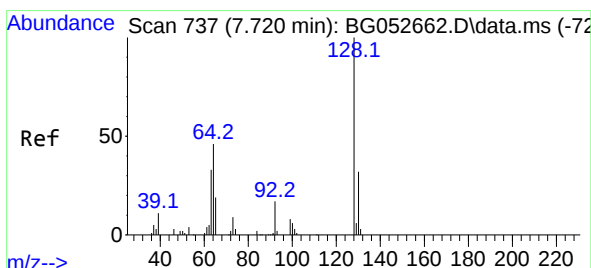
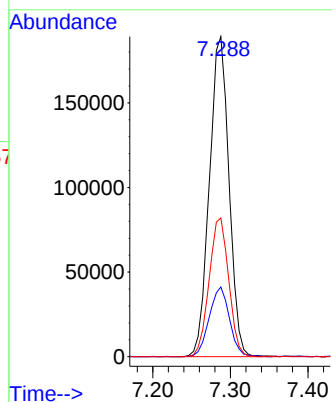
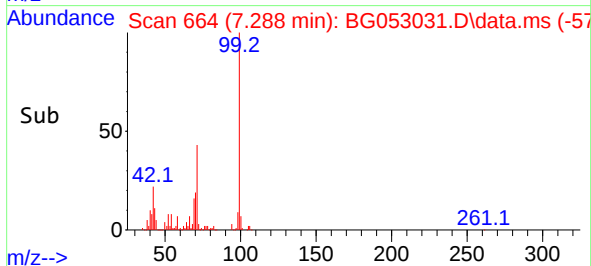
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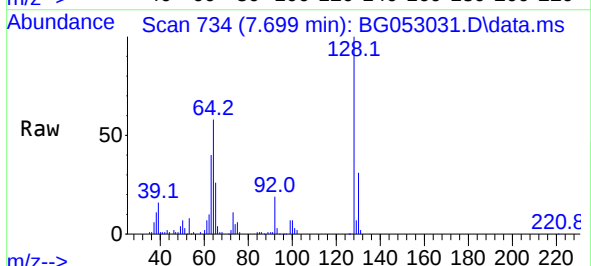
Tgt Ion: 99 Resp: 33282
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 43.3 29.2 43.8

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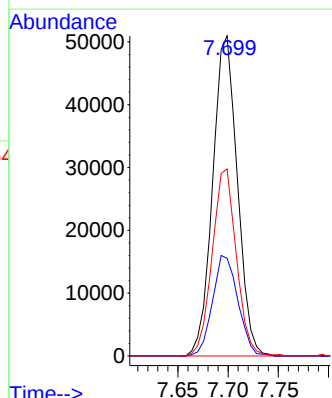
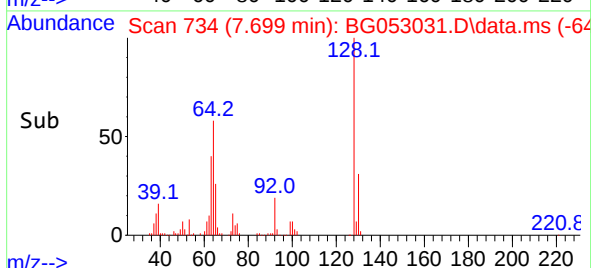
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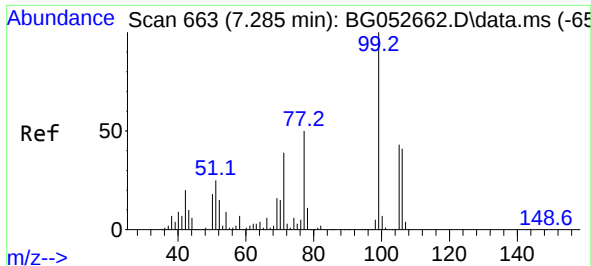


#8
2-Chlorophenol
Concen: 46.835 ng
RT: 7.699 min Scan# 734
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:128 Resp: 86964
Ion Ratio Lower Upper
128 100
130 30.6 13.4 53.4
64 58.5 30.9 70.9





#9
Benzaldehyde
Concen: 38.377 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

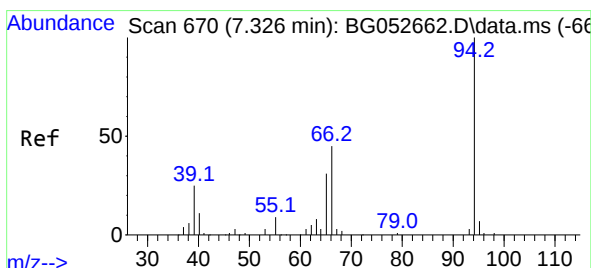
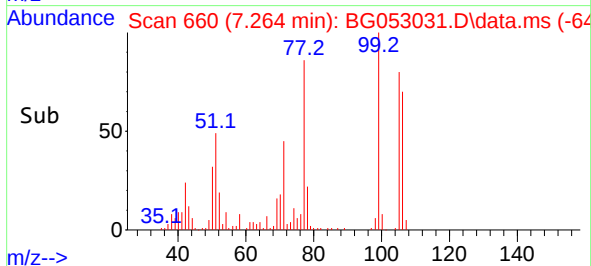
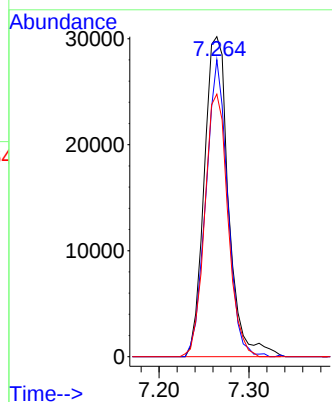
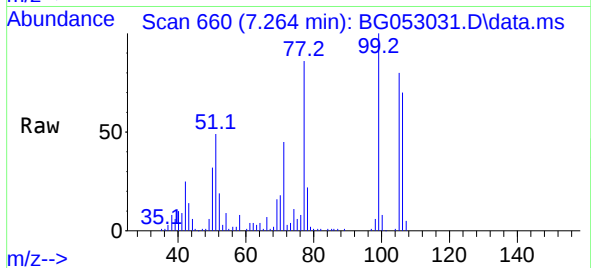
PB143892BS

Tgt Ion: 77 Resp: 5684
Ion Ratio Lower Upper
77 100
105 92.8 70.6 110.6
106 82.1 67.6 107.6

Manual Integrations

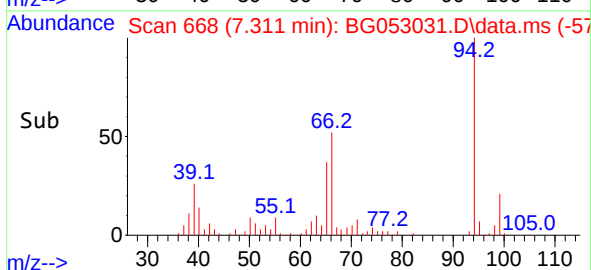
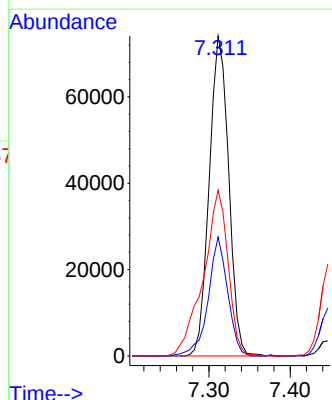
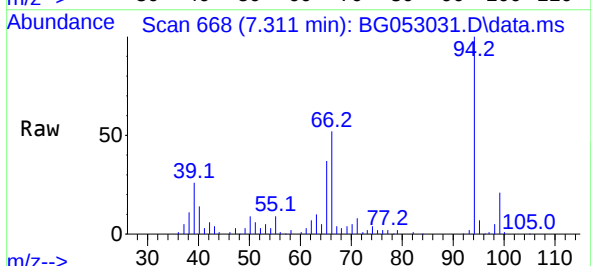
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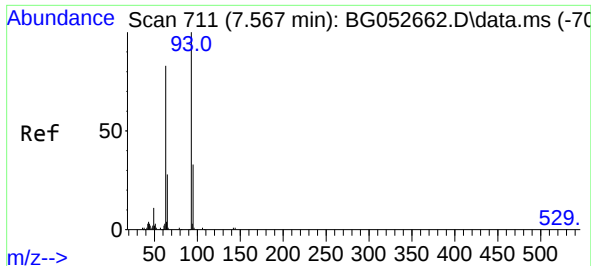
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#10
Phenol
Concen: 46.773 ng
RT: 7.311 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

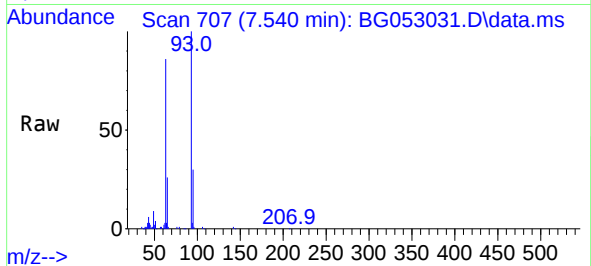
Tgt Ion: 94 Resp: 123007
Ion Ratio Lower Upper
94 100
65 37.1 11.1 51.1
66 51.8 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 43.470 ng
RT: 7.540 min Scan# 707
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

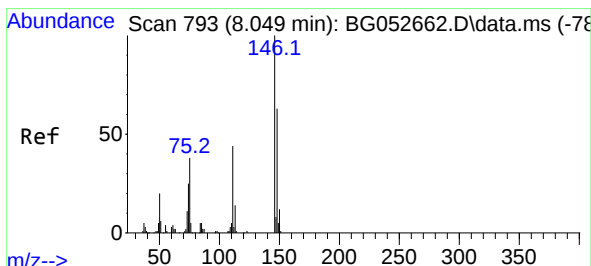
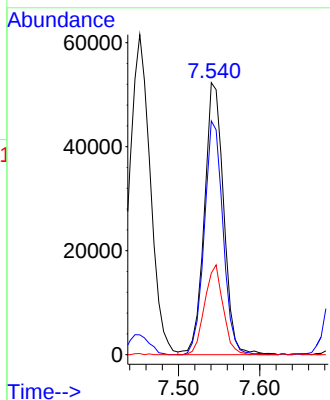
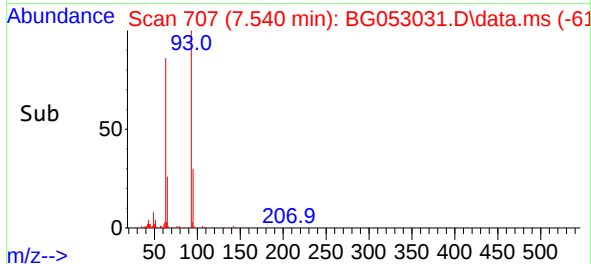
Instrument :
BNA_G
ClientSampleId :
PB143892BS



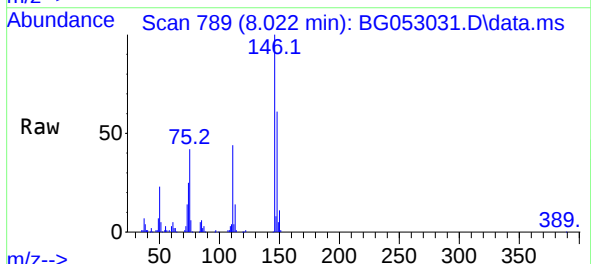
Tgt Ion: 93 Resp: 8633
Ion Ratio Lower Upper
93 100
63 85.9 56.9 96.9
95 30.0 14.5 54.5

Manual Integrations
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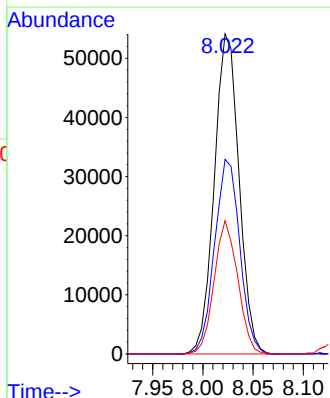
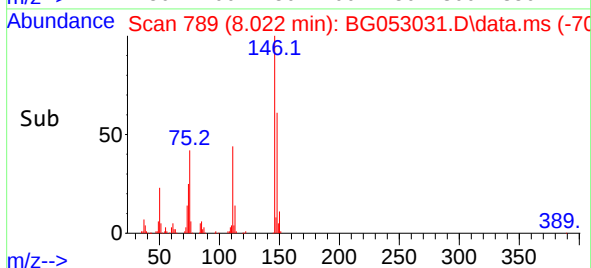
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

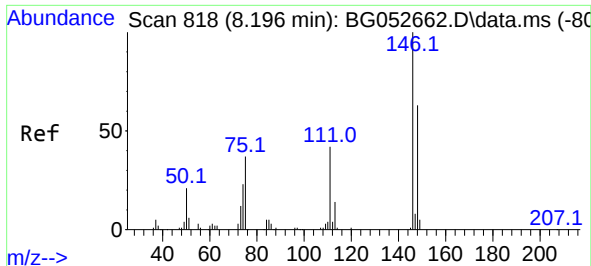


#12
1,3-Dichlorobenzene
Concen: 41.431 ng
RT: 8.022 min Scan# 789
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:146 Resp: 92627
Ion Ratio Lower Upper
146 100
148 60.8 50.6 76.0
75 41.7 25.9 38.9





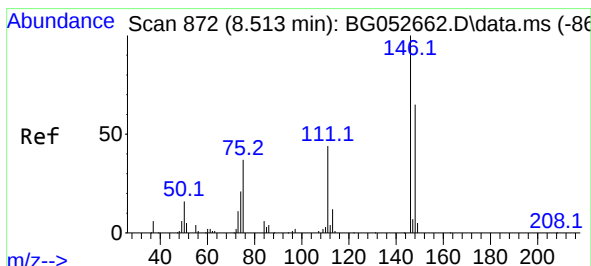
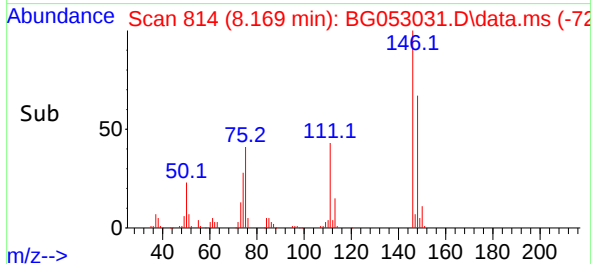
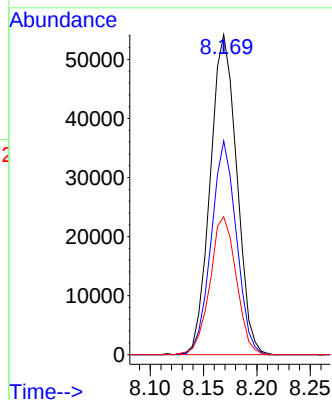
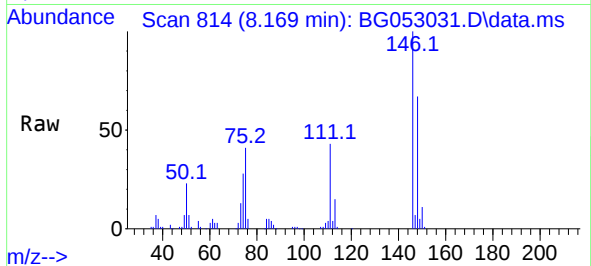
#13
1,4-Dichlorobenzene
Concen: 41.699 ng
RT: 8.169 min Scan# 818
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :
BNA_G
ClientSampleId :
PB143892BS

Tgt Ion:146 Resp: 93668
Ion Ratio Lower Upper
146 100
148 66.8 50.0 75.0
111 43.1 31.0 46.4

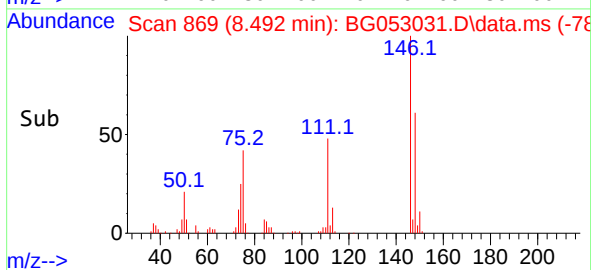
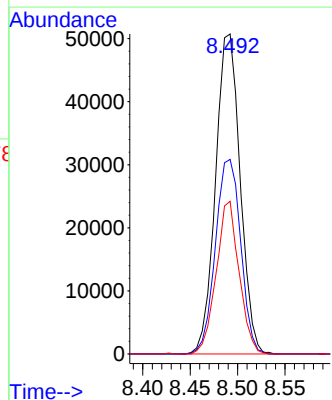
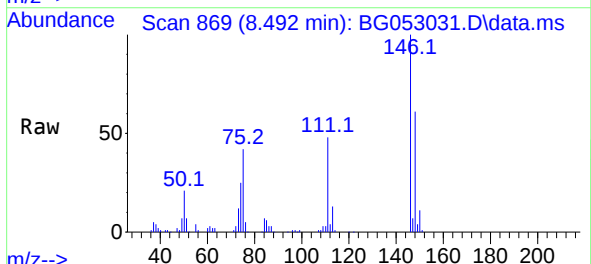
Manual Integrations
APPROVED

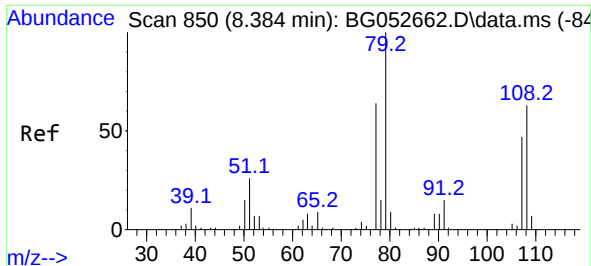
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#14
1,2-Dichlorobenzene
Concen: 43.159 ng
RT: 8.492 min Scan# 869
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:146 Resp: 91688
Ion Ratio Lower Upper
146 100
148 60.8 51.0 76.6
111 47.7 34.7 52.1





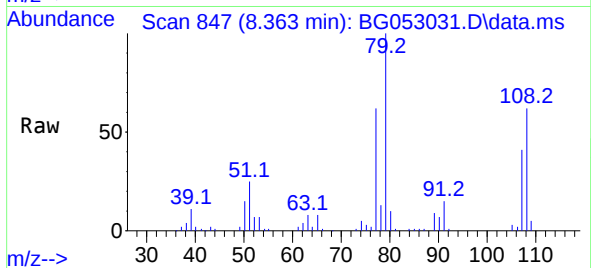
#15
Benzyl Alcohol
Concen: 45.889 ng
RT: 8.363 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

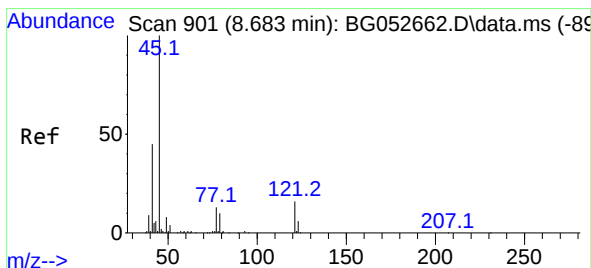
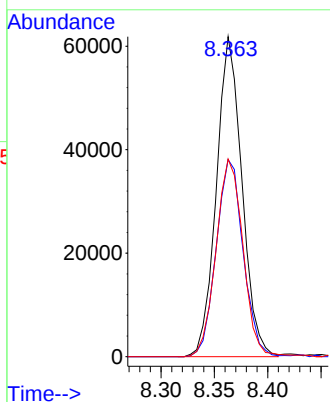
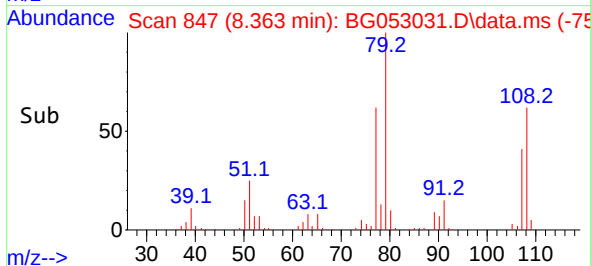


Tgt Ion: 79 Resp: 102940
Ion Ratio Lower Upper
79 100
108 61.6 55.1 82.7
77 61.8 52.4 78.6

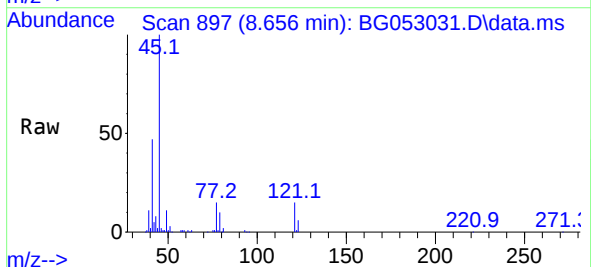
Manual Integrations

APPROVED

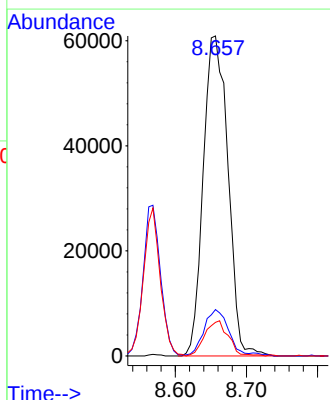
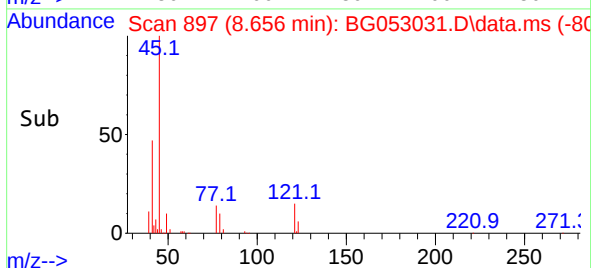
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

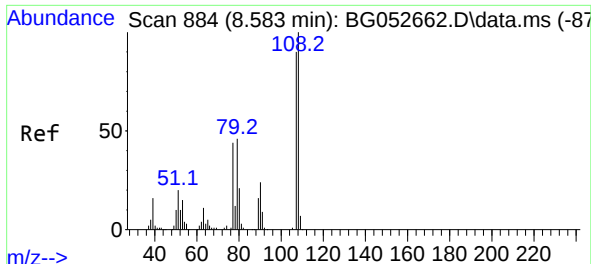


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.447 ng
RT: 8.656 min Scan# 897
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion: 45 Resp: 146807
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.9
79 10.5 0.0 30.7





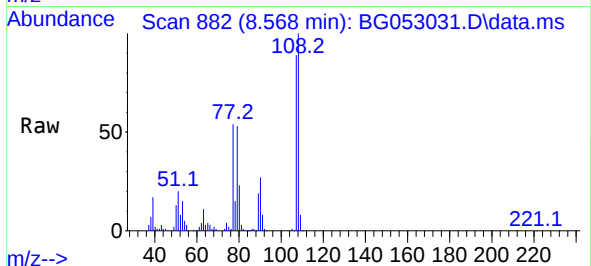
#17
2-Methylphenol
Concen: 46.663 ng
RT: 8.568 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

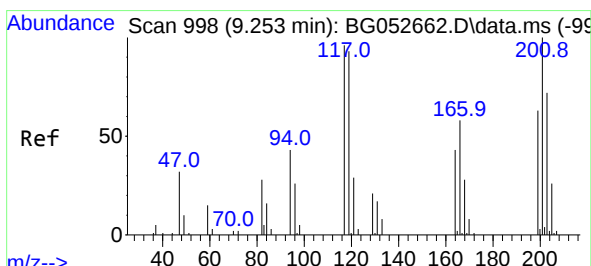
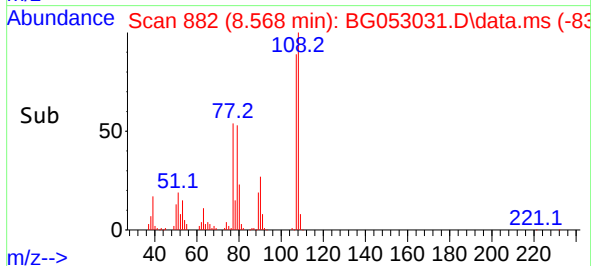
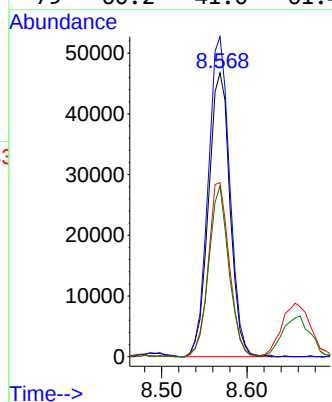


Tgt Ion:107 Resp: 81809
Ion Ratio Lower Upper
107 100
108 112.8 91.5 137.3
77 61.4 42.5 63.7
79 60.2 41.0 61.4

Manual Integrations

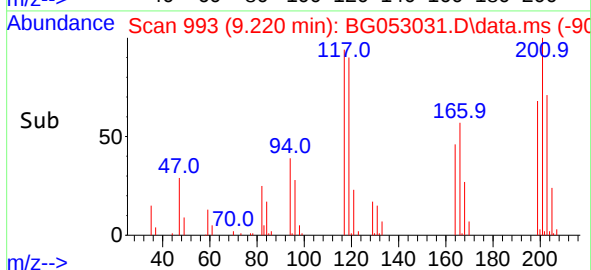
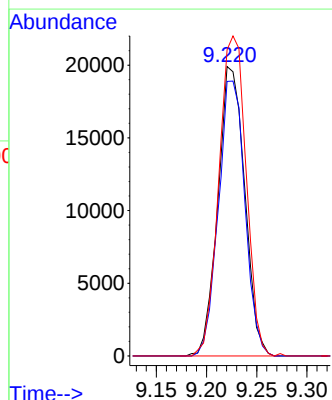
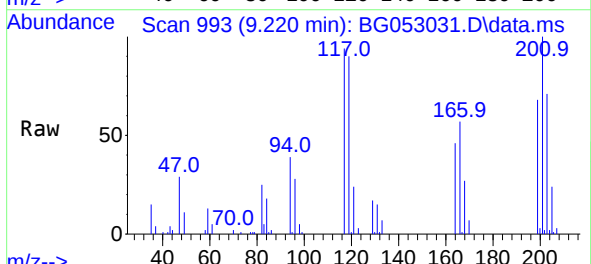
APPROVED

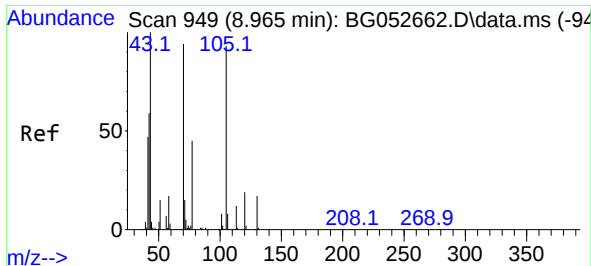
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#18
Hexachloroethane
Concen: 44.713 ng
RT: 9.220 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

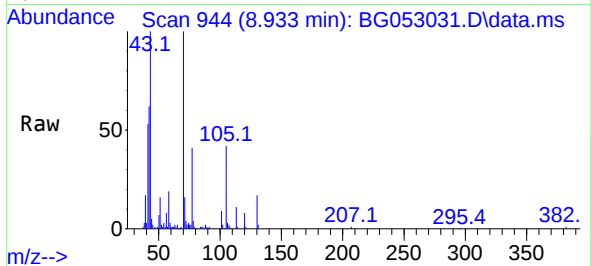
Tgt Ion:117 Resp: 36850
Ion Ratio Lower Upper
117 100
119 94.9 75.1 112.7
201 105.8 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.605 ng
RT: 8.933 min Scan# 944
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

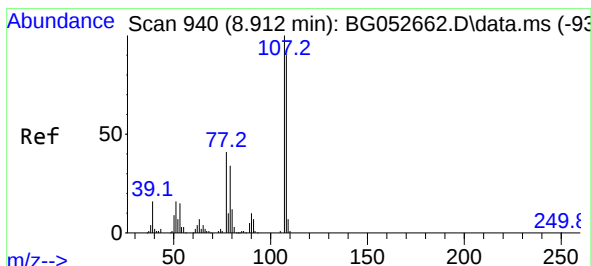
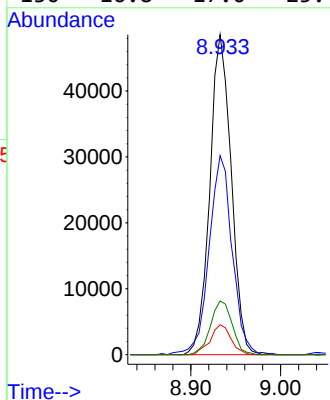
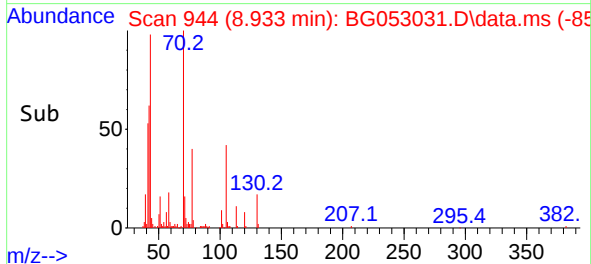
Instrument :
BNA_G
ClientSampleId :
PB143892BS



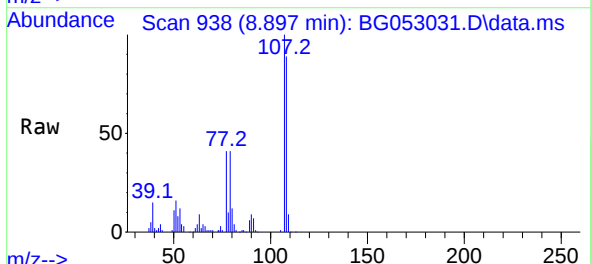
Tgt Ion: 70 Resp: 8039
Ion Ratio Lower Upper
70 100
42 62.2 46.0 69.0
101 9.3 6.2 9.4
130 16.8 17.0 25.4#

Manual Integrations
APPROVED

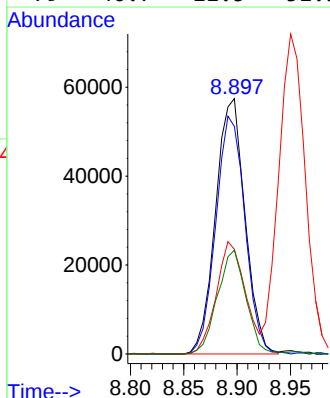
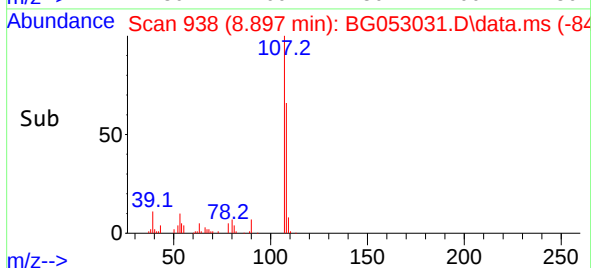
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

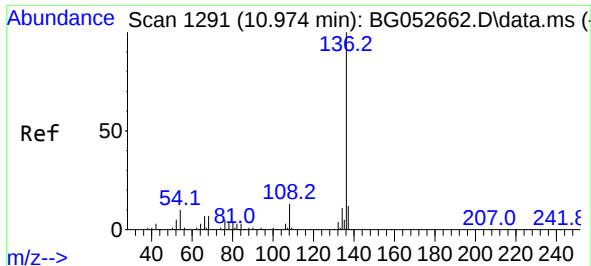


#20
3+4-Methylphenols
Concen: 44.946 ng
RT: 8.897 min Scan# 938
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:107 Resp: 110277
Ion Ratio Lower Upper
107 100
108 89.1 64.8 104.8
77 41.0 15.9 55.9
79 40.7 11.5 51.5





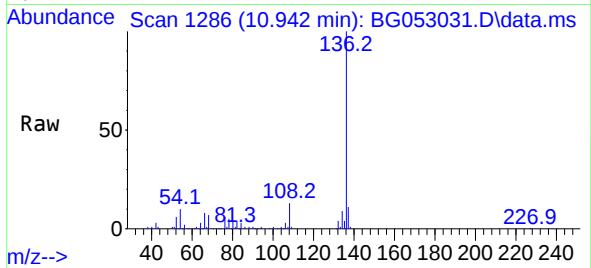
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

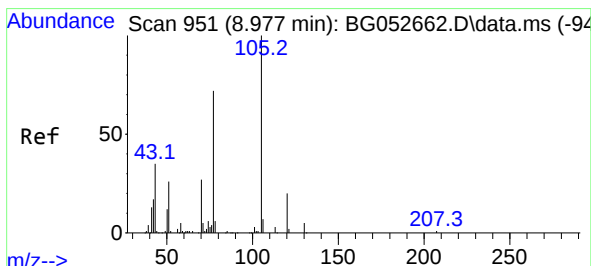
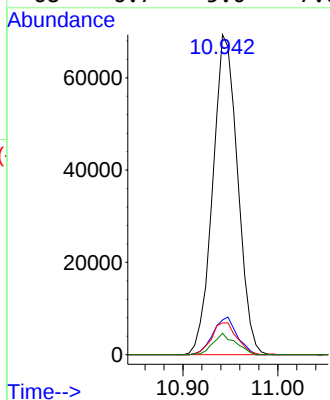
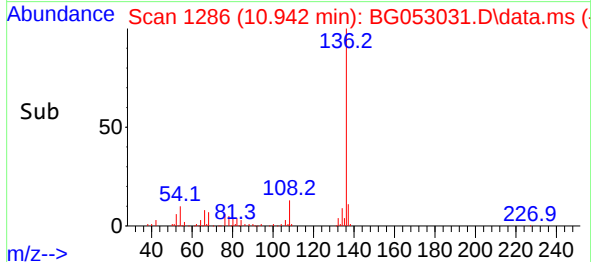
PB143892BS



Tgt Ion:136 Resp: 126320
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 9.9 6.4 9.6
68 6.7 5.0 7.6

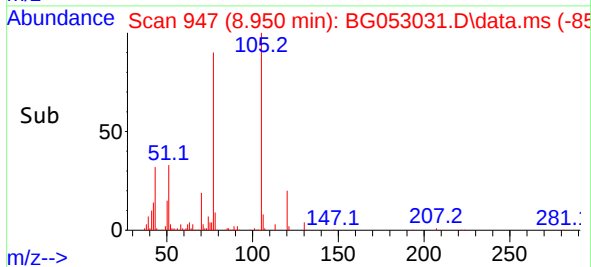
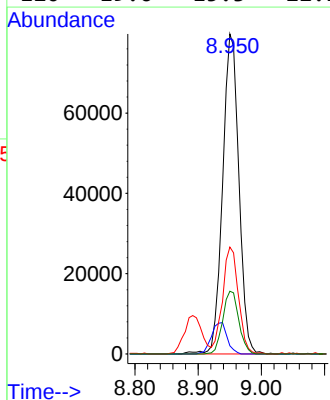
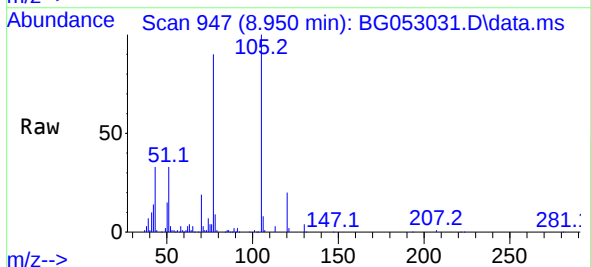
Manual Integrations
APPROVED

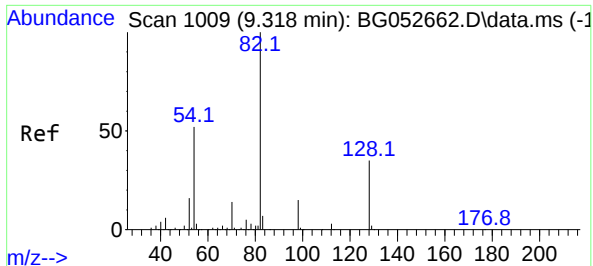
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#22
Acetophenone
Concen: 43.445 ng
RT: 8.950 min Scan# 947
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:105 Resp: 142025
Ion Ratio Lower Upper
105 100
71 2.6 2.1 3.1
51 33.4 21.9 32.9
120 19.6 15.3 22.9





#23

Nitrobenzene-d5

Concen: 93.330 ng

RT: 9.297 min Scan# 1006

Delta R.T. -0.007 min

Lab File: BG053031.D

Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

Tgt Ion: 82 Resp: 23490

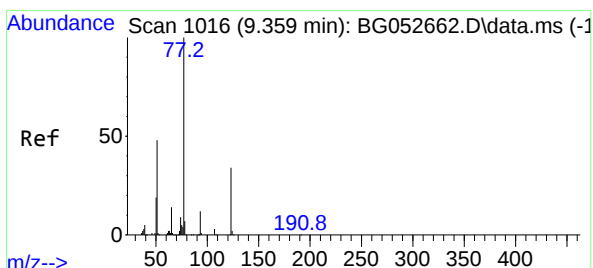
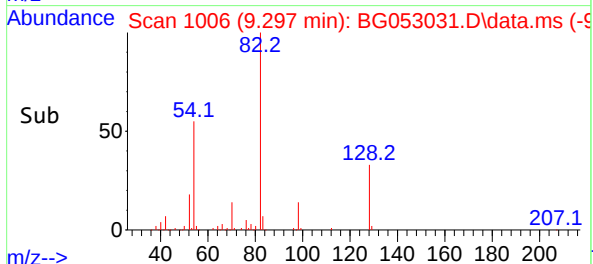
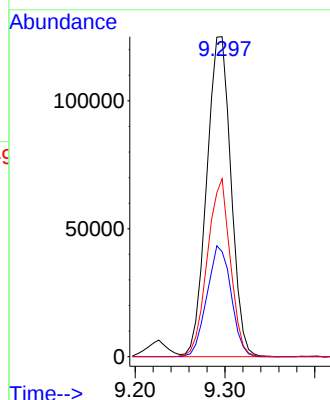
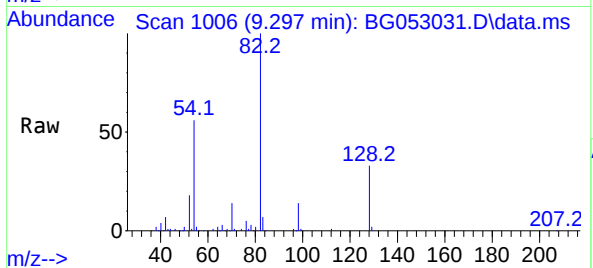
Ion	Ratio	Lower	Upper
82	100		
128	32.8	31.3	46.9
54	55.6	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022

Supervised By :Jagrut Upadhyay 04/06/2022



#24

Nitrobenzene

Concen: 48.751 ng

RT: 9.338 min Scan# 1013

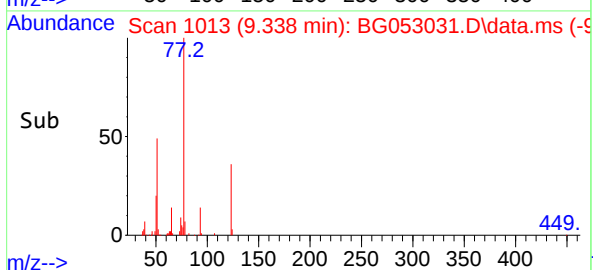
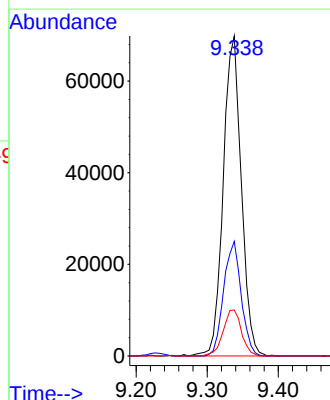
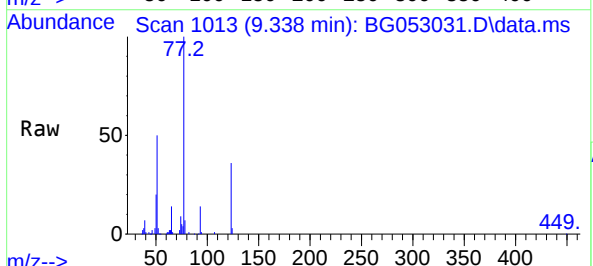
Delta R.T. -0.007 min

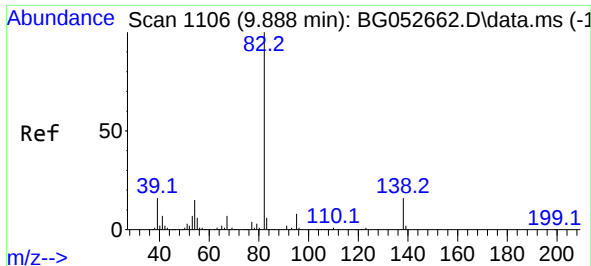
Lab File: BG053031.D

Acq: 5 Apr 2022 14:36

Tgt Ion: 77 Resp: 122773

Ion	Ratio	Lower	Upper
77	100		
123	35.8	34.4	51.6
65	14.3	11.2	16.8





#25
Isophorone
Concen: 43.178 ng
RT: 9.861 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

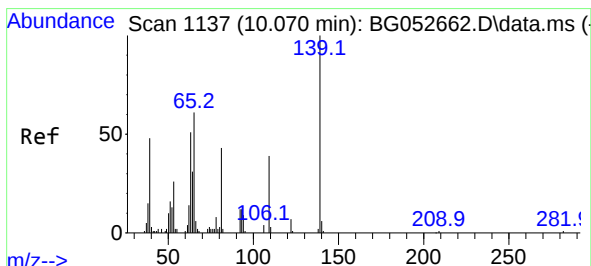
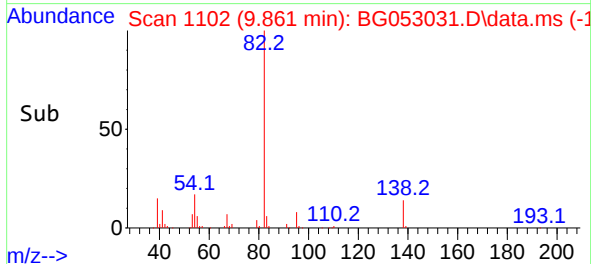
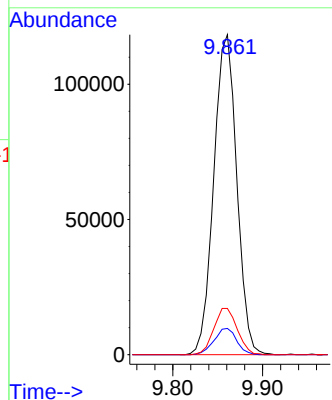
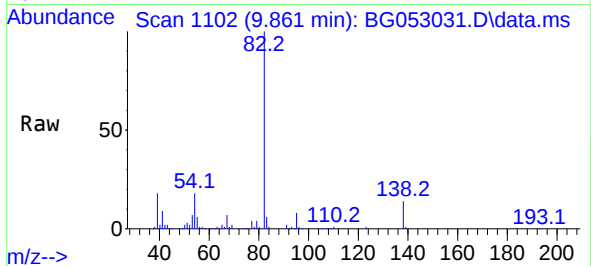
ClientSampleId :

PB143892BS

Tgt Ion: 82 Resp: 21043
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.6
138 14.5 12.6 18.8

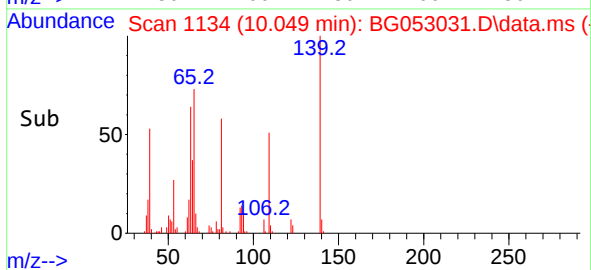
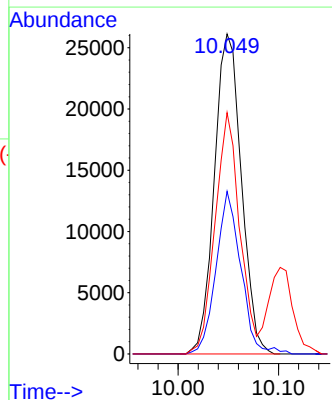
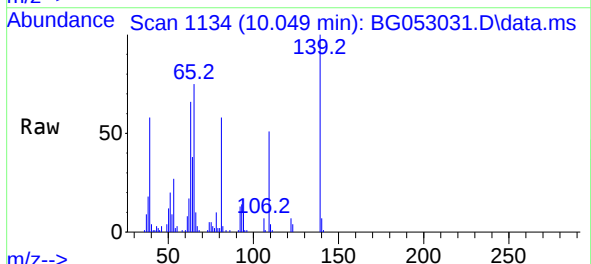
Manual Integrations
APPROVED

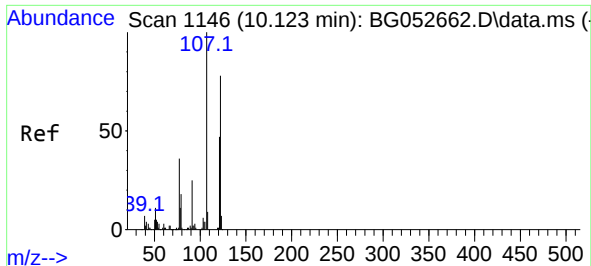
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#26
2-Nitrophenol
Concen: 55.792 ng
RT: 10.049 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:139 Resp: 48793
Ion Ratio Lower Upper
139 100
109 50.8 29.4 44.0#
65 75.4 48.2 72.2#





#27
2,4-Dimethylphenol
Concen: 47.416 ng
RT: 10.102 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

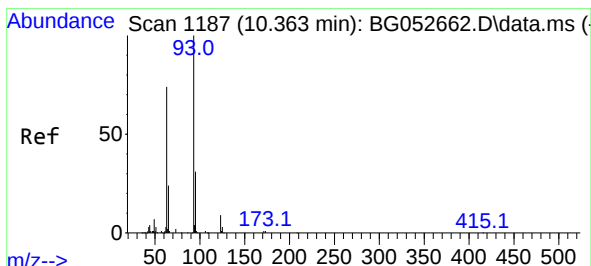
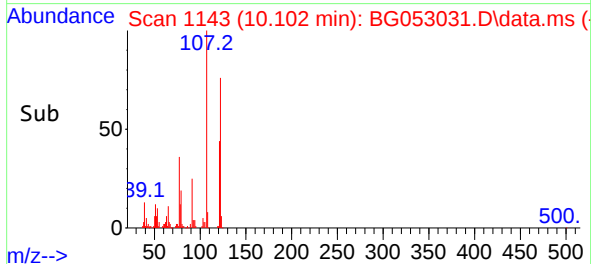
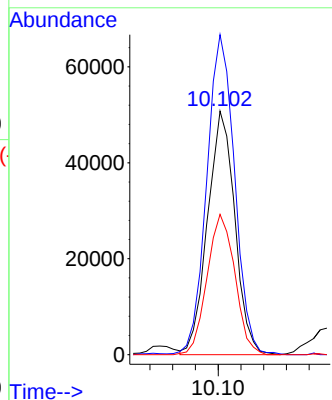
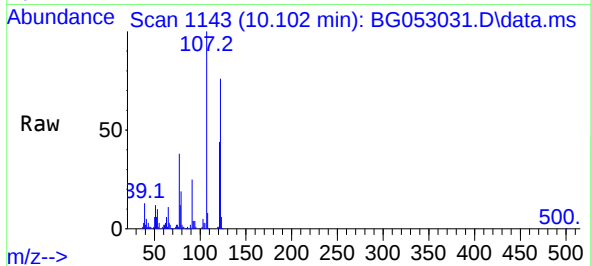
PB143892BS

Tgt Ion:122 Resp: 84830
Ion Ratio Lower Upper
122 100
107 131.4 96.7 145.1
121 57.6 46.3 69.5

Manual Integrations

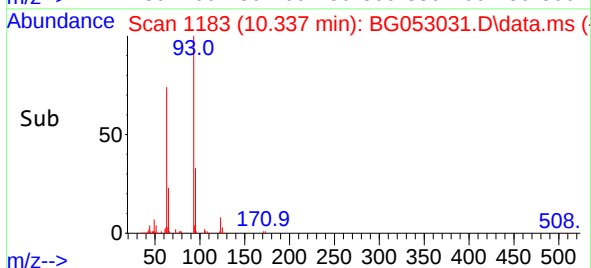
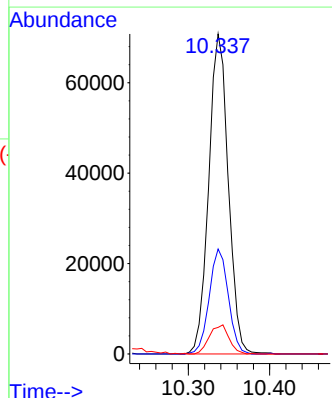
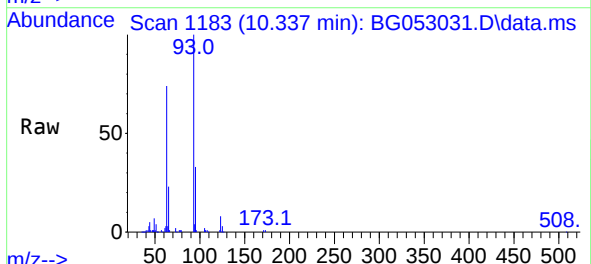
APPROVED

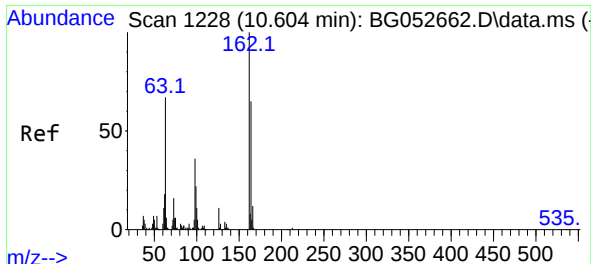
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.004 ng
RT: 10.337 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion: 93 Resp: 118162
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 8.3 8.6 12.8#





#29
2,4-Dichlorophenol
Concen: 47.081 ng
RT: 10.583 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

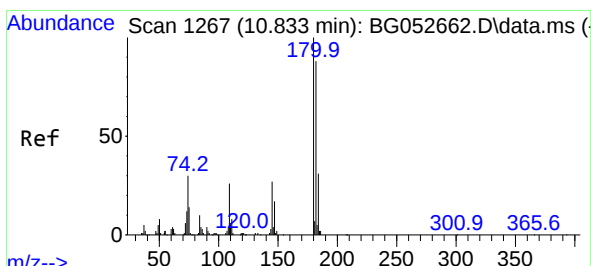
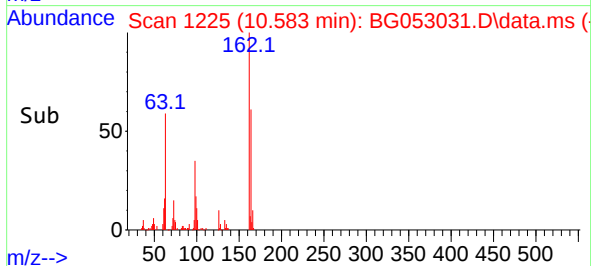
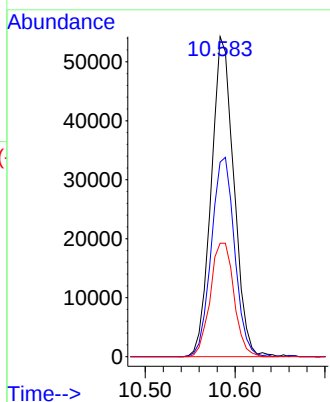
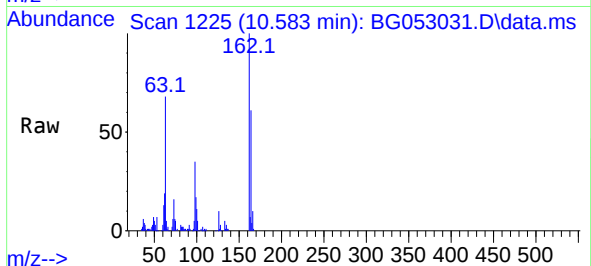
ClientSampleId :

PB143892BS

Tgt Ion:162 Resp: 9478
Ion Ratio Lower Upper
162 100
164 60.8 44.0 84.0
98 35.5 17.3 57.3

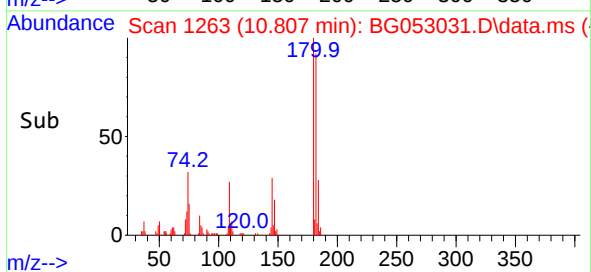
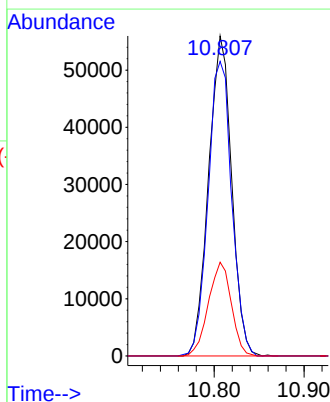
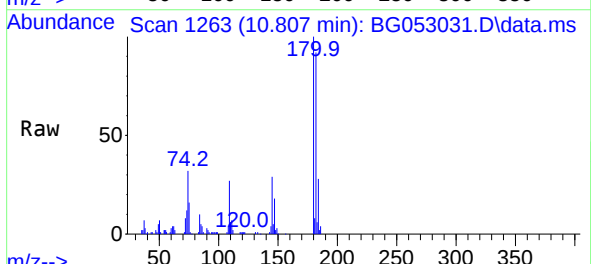
Manual Integrations
APPROVED

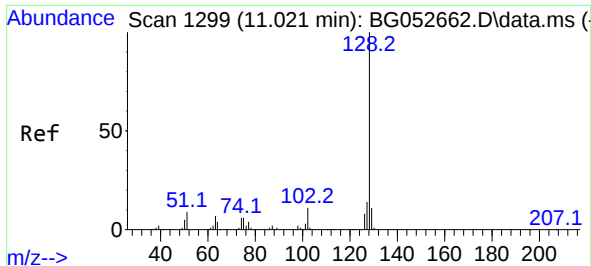
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#30
1,2,4-Trichlorobenzene
Concen: 41.955 ng
RT: 10.807 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:180 Resp: 99642
Ion Ratio Lower Upper
180 100
182 92.1 77.8 116.6
145 29.3 24.4 36.6





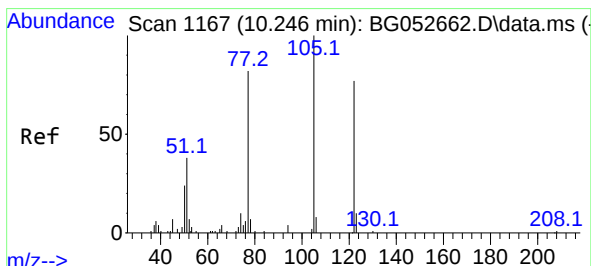
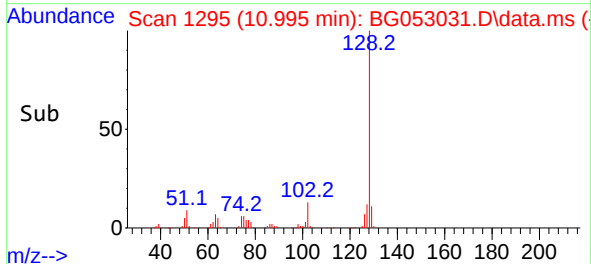
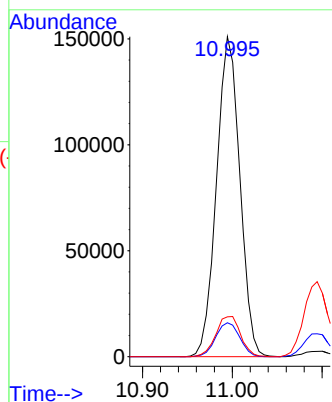
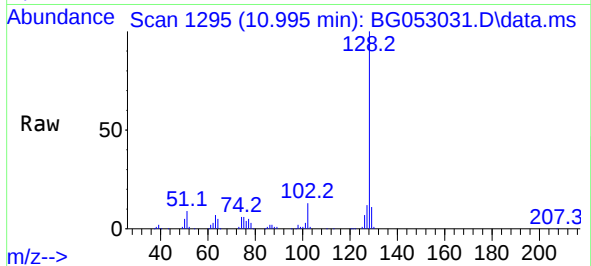
#31
Naphthalene
Concen: 41.719 ng
RT: 10.995 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :
BNA_G
ClientSampleId :
PB143892BS

Tgt Ion:128 Resp: 27253
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.4 10.5 15.7

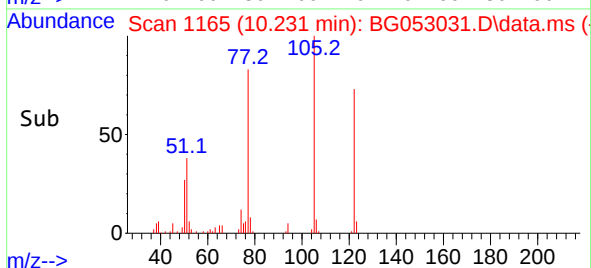
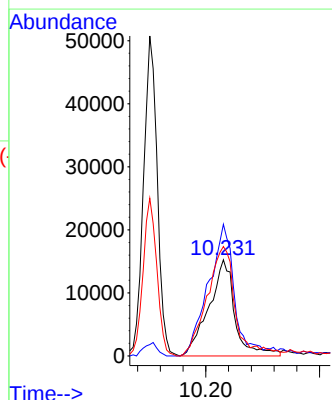
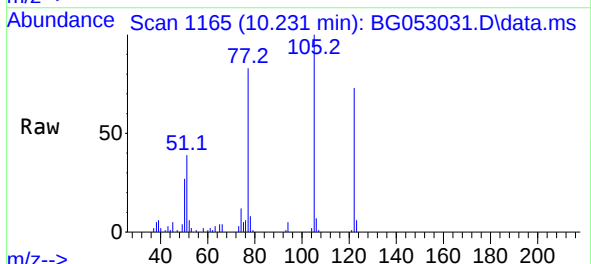
Manual Integrations
APPROVED

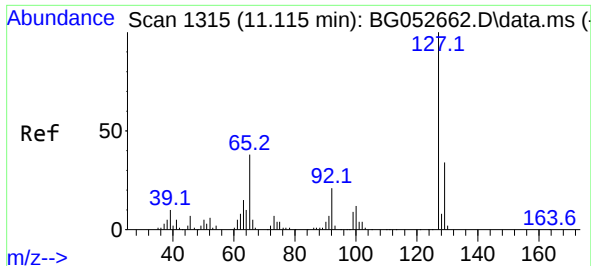
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#32
Benzoic acid
Concen: 37.823 ng
RT: 10.231 min Scan# 1165
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:122 Resp: 48440
Ion Ratio Lower Upper
122 100
105 136.9 112.8 152.8
77 113.7 78.4 118.4





#33
4-Chloroaniline
Concen: 24.140 ng
RT: 11.094 min Scan# 1109
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

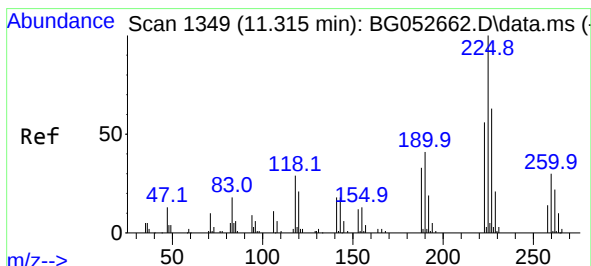
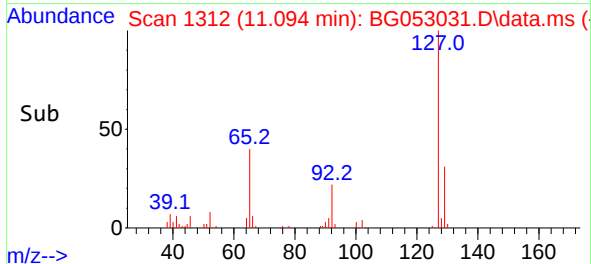
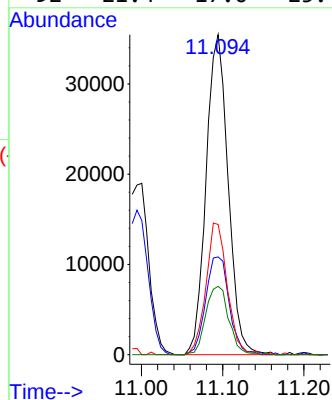
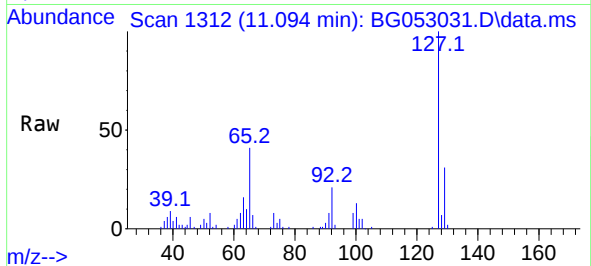
PB143892BS

Tgt Ion:127 Resp: 66838
Ion Ratio Lower Upper
127 100
129 30.5 27.6 41.4
65 40.7 28.2 42.4
92 21.4 17.0 25.4

Manual Integrations

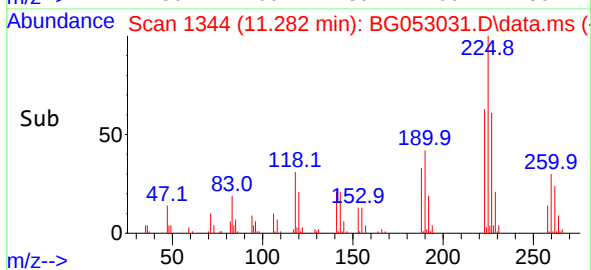
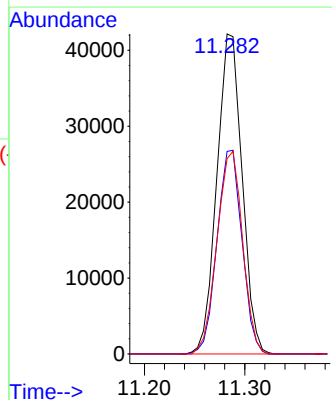
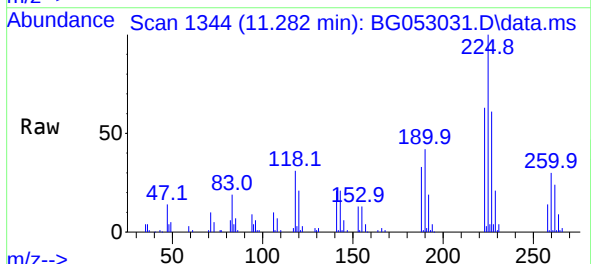
APPROVED

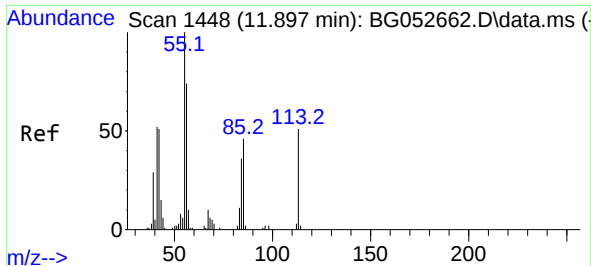
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#34
Hexachlorobutadiene
Concen: 43.201 ng
RT: 11.282 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

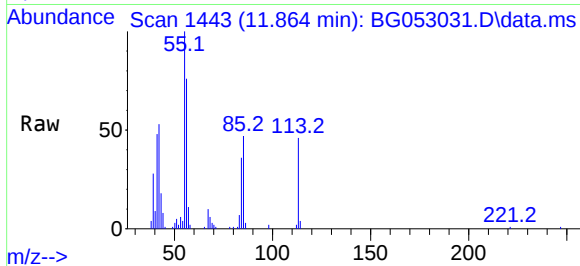
Tgt Ion:225 Resp: 73564
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 61.1 52.0 78.0





#35
Caprolactam
Concen: 54.707 ng m
RT: 11.864 min Scan# 14
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

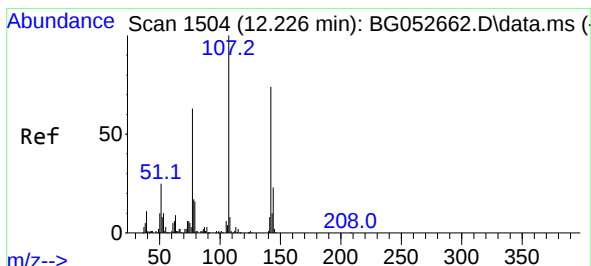
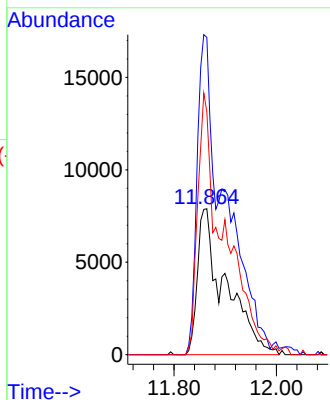
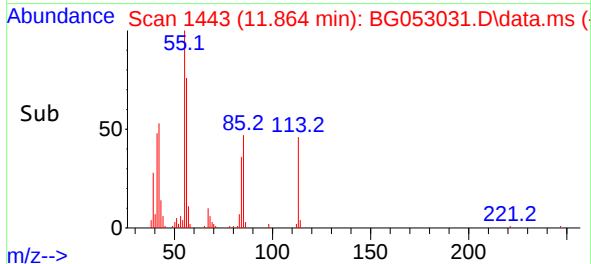
Instrument :
BNA_G
ClientSampleId :
PB143892BS



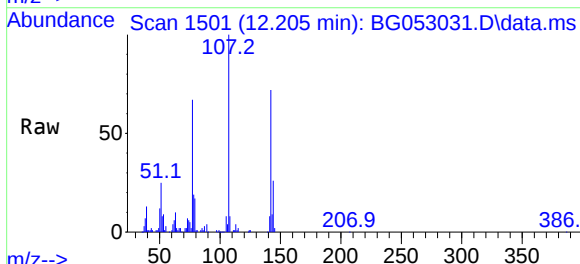
Tgt Ion:113 Resp: 30074
Ion Ratio Lower Upper
113 100
55 217.4 151.3 191.3
56 166.2 128.5 168.5

Manual Integrations
APPROVED

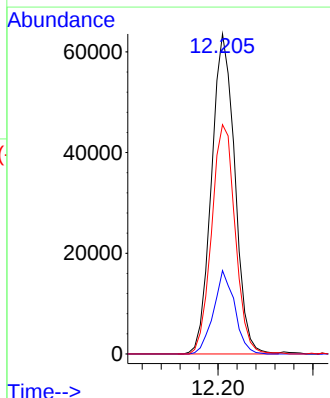
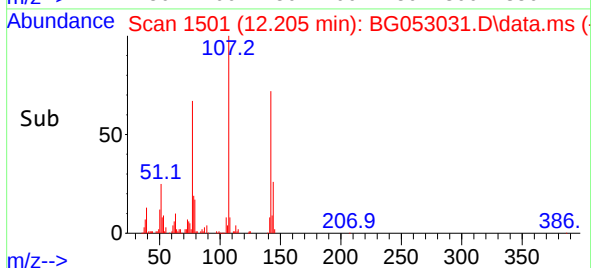
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

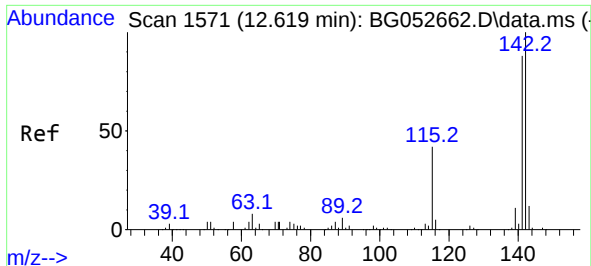


#36
4-Chloro-3-methylphenol
Concen: 46.435 ng
RT: 12.205 min Scan# 1501
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:107 Resp: 108559
Ion Ratio Lower Upper
107 100
144 26.0 21.4 32.0
142 71.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 42.792 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG053031.D

Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

Tgt Ion:142 Resp: 204719

Ion Ratio Lower Upper

142 100

141 87.1 71.3 106.9

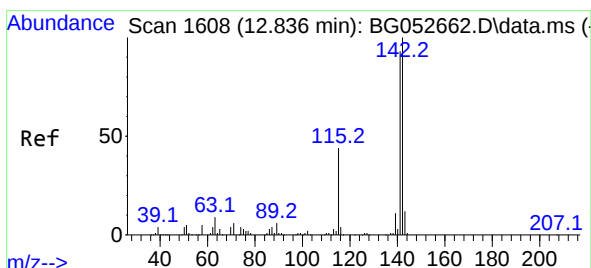
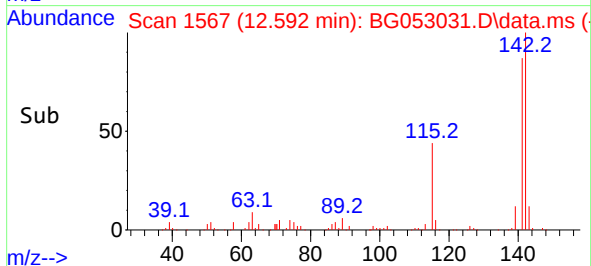
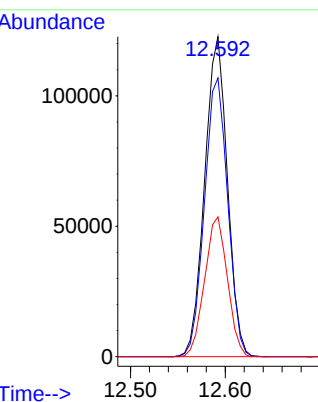
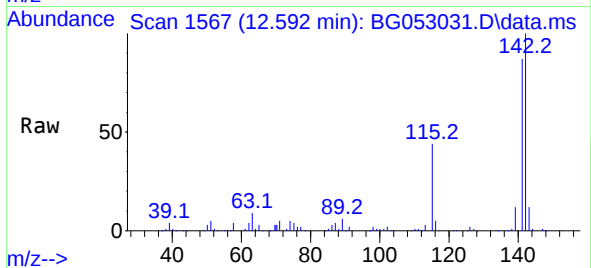
115 43.7 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022

Supervised By :Jagrut Upadhyay 04/06/2022



#38

1-Methylnaphthalene

Concen: 40.905 ng

RT: 12.810 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BG053031.D

Acq: 5 Apr 2022 14:36

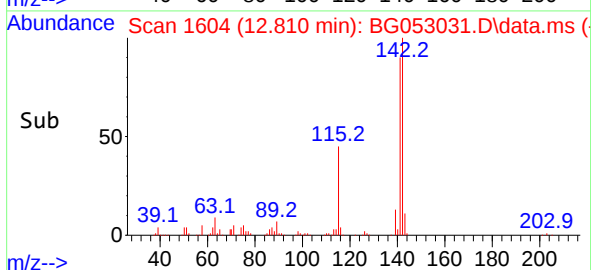
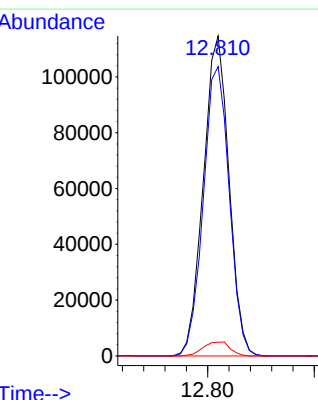
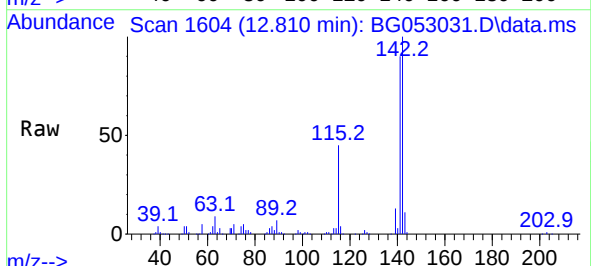
Tgt Ion:142 Resp: 190985

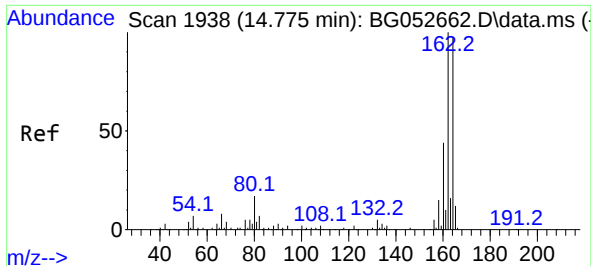
Ion Ratio Lower Upper

142 100

141 90.5 70.5 105.7

116 4.3 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.754 min Scan# 14
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

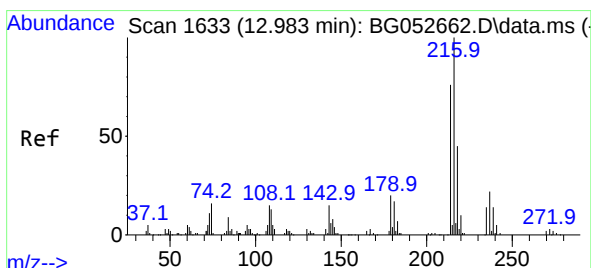
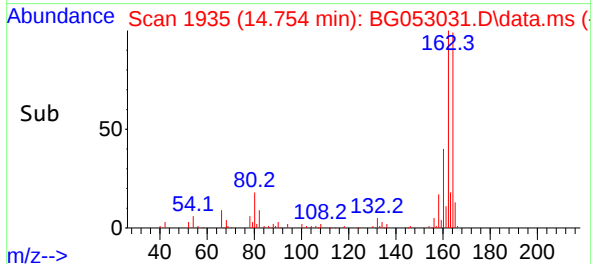
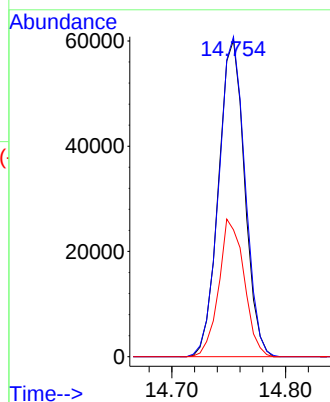
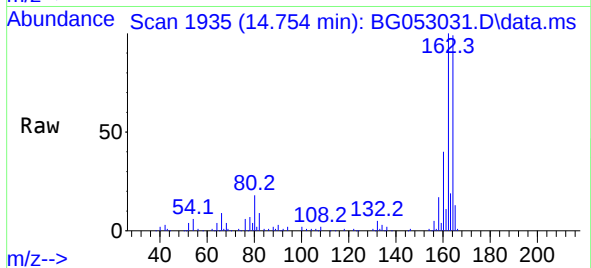
PB143892BS

Tgt Ion:164 Resp: 95539
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 40.1 38.8 58.2

Manual Integrations

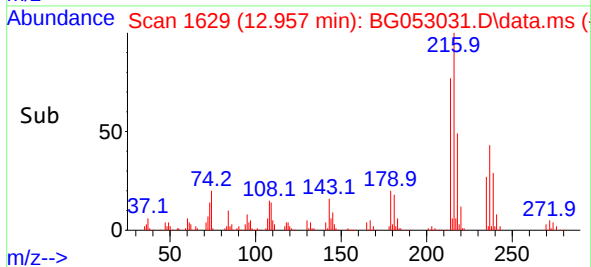
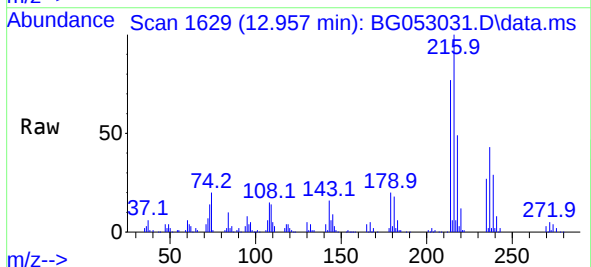
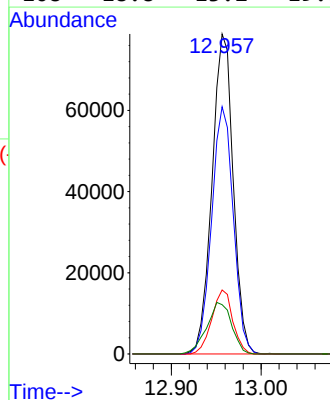
APPROVED

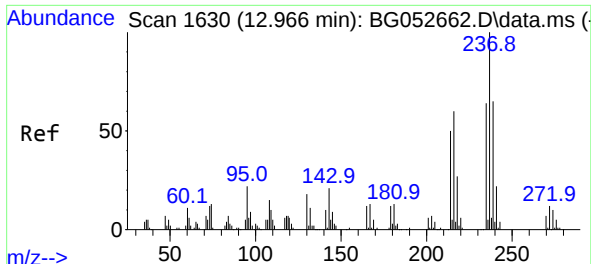
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.234 ng
RT: 12.957 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:216 Resp: 129046
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 19.8 15.7 23.5
108 18.8 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 95.573 ng
RT: 12.939 min Scan# 1626
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

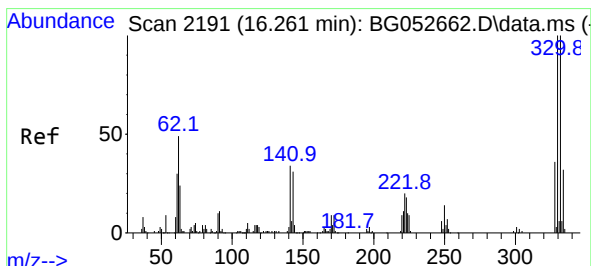
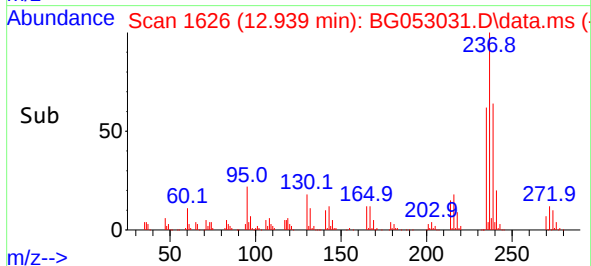
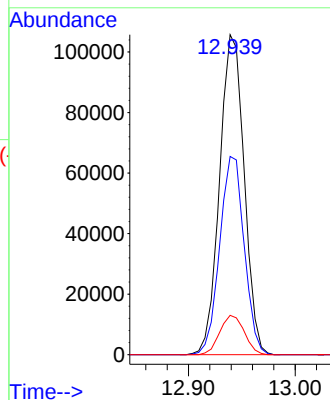
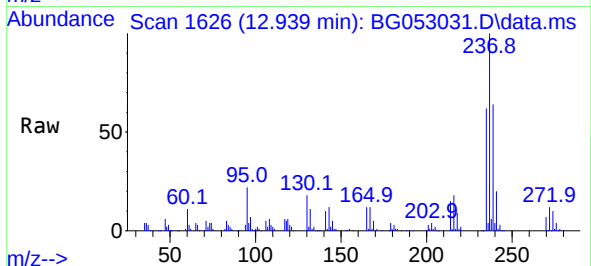
PB143892BS

Tgt Ion:237 Resp: 16909
Ion Ratio Lower Upper
237 100
235 62.0 37.7 77.7
272 12.3 0.0 30.7

Manual Integrations

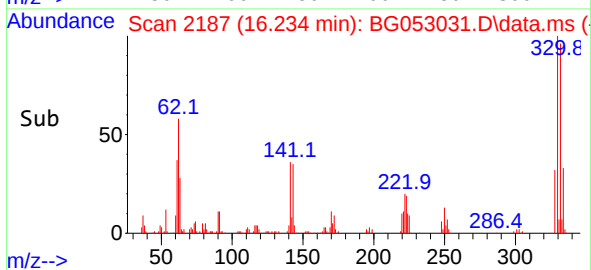
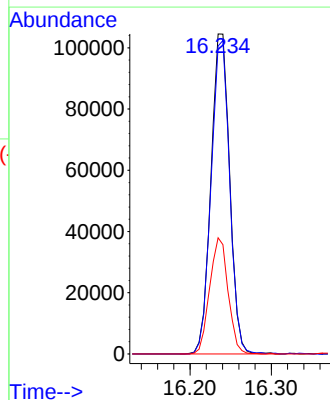
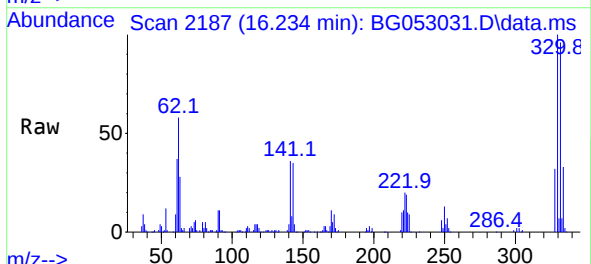
APPROVED

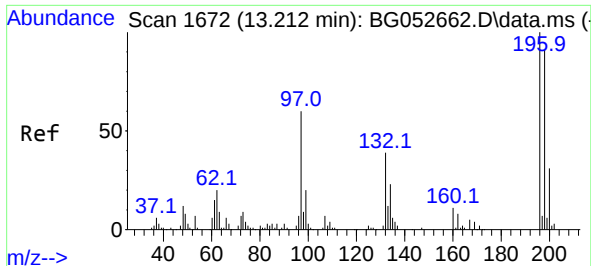
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#42
2,4,6-Tribromophenol
Concen: 129.949 ng
RT: 16.234 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:330 Resp: 166827
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 35.7 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 45.924 ng
RT: 13.186 min Scan# 1668
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

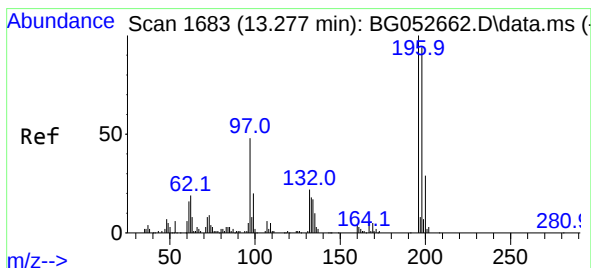
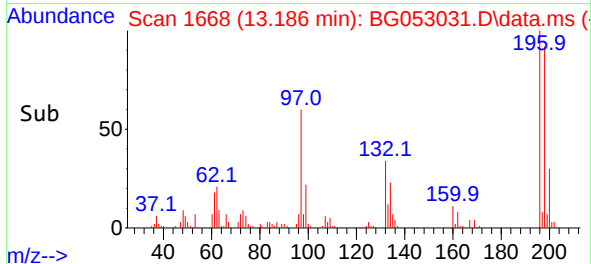
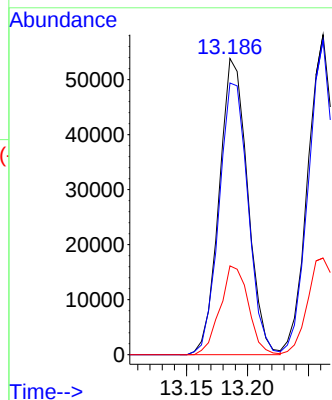
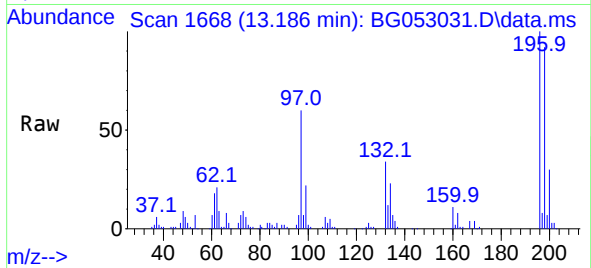
PB143892BS

Tgt Ion:196 Resp: 8778
Ion Ratio Lower Upper
196 100
198 91.7 78.8 118.2
200 30.0 25.1 37.7

Manual Integrations

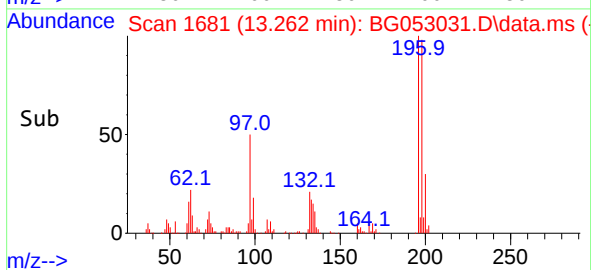
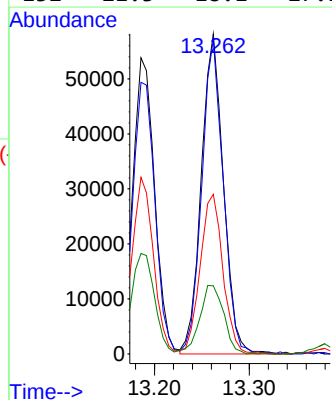
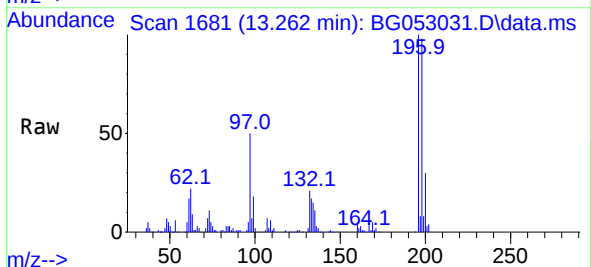
APPROVED

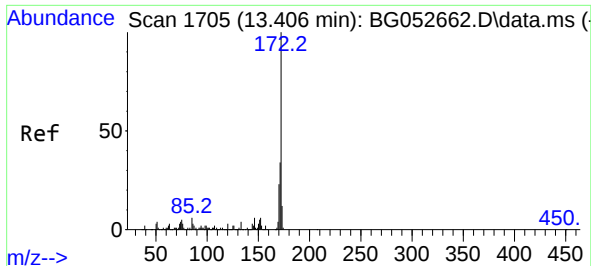
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#44
2,4,5-Trichlorophenol
Concen: 48.739 ng
RT: 13.262 min Scan# 1681
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:196 Resp: 94561
Ion Ratio Lower Upper
196 100
198 98.3 75.8 113.6
97 49.9 36.5 54.7
132 21.3 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 77.758 ng
RT: 13.380 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

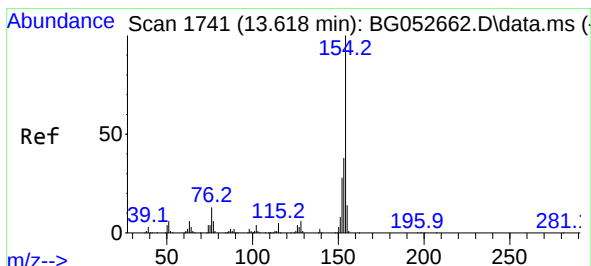
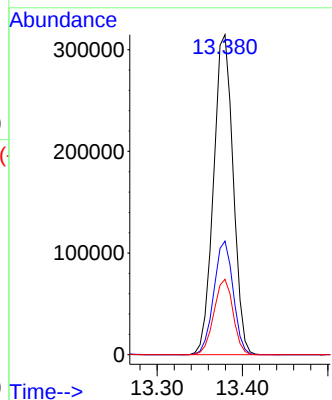
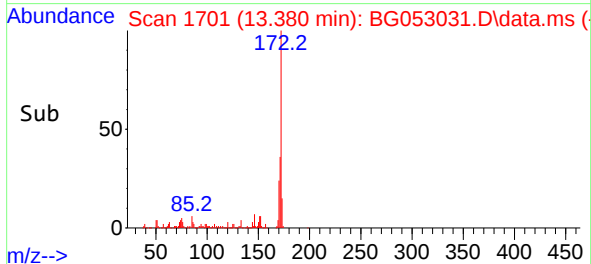
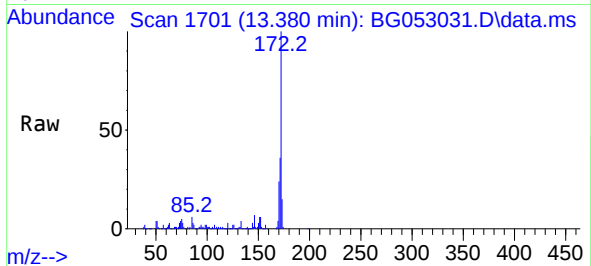
PB143892BS

Tgt Ion:172 Resp: 50370
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 18.0 27.0

Manual Integrations

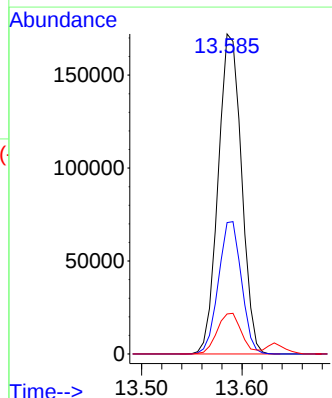
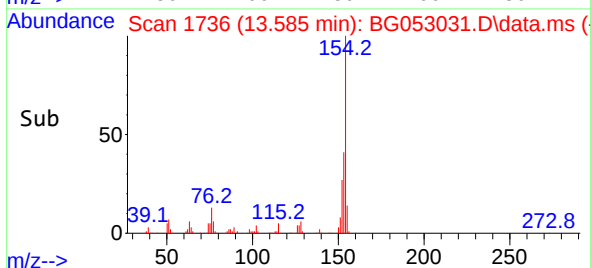
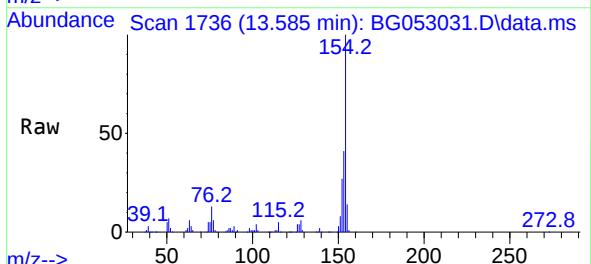
APPROVED

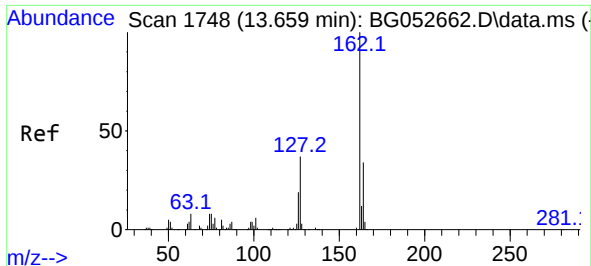
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#46
1,1'-Biphenyl
Concen: 41.503 ng
RT: 13.585 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:154 Resp: 277295
Ion Ratio Lower Upper
154 100
153 41.1 21.6 61.6
76 12.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 40.877 ng
RT: 13.632 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

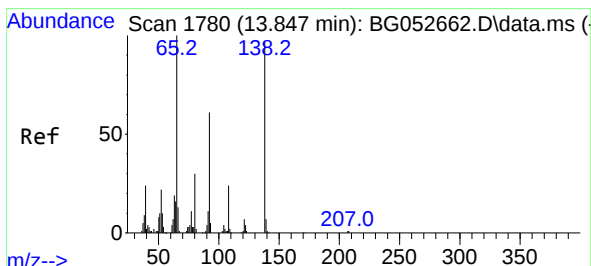
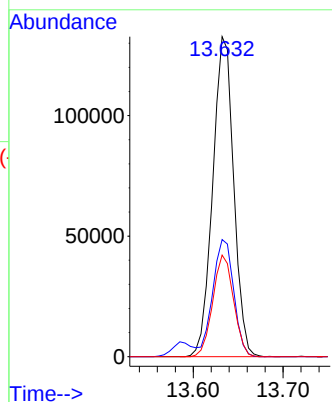
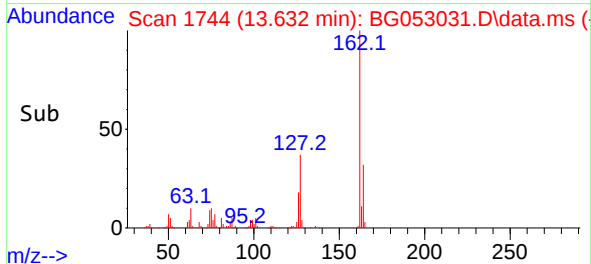
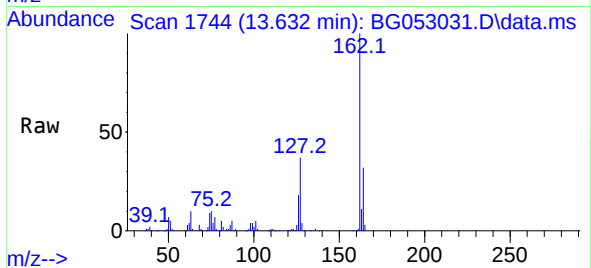
PB143892BS

Tgt Ion:162 Resp: 21508
Ion Ratio Lower Upper
162 100
127 36.6 28.1 42.1
164 31.8 26.0 39.0

Manual Integrations

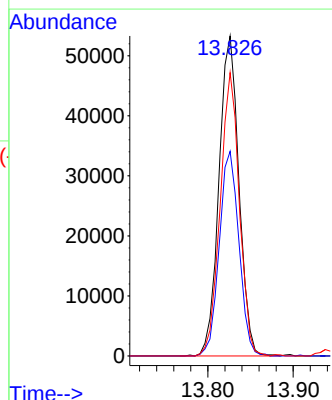
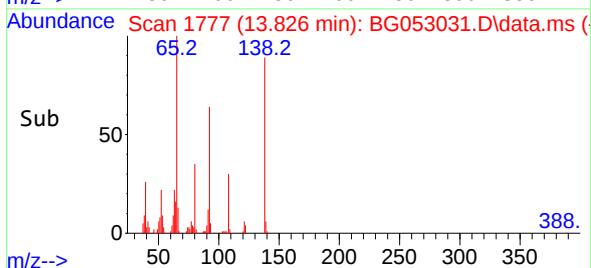
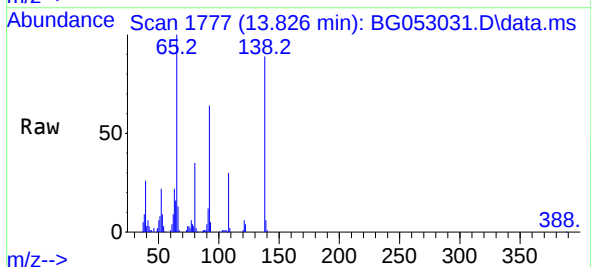
APPROVED

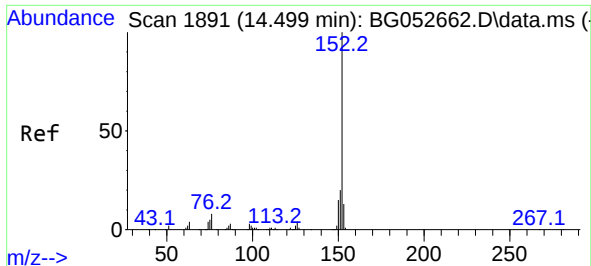
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#48
2-Nitroaniline
Concen: 60.145 ng
RT: 13.826 min Scan# 1777
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion: 65 Resp: 86550
Ion Ratio Lower Upper
65 100
92 64.0 52.1 78.1
138 88.6 80.1 120.1





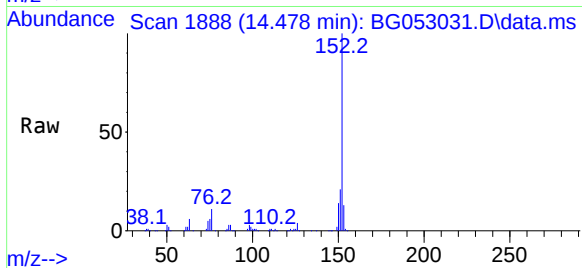
#49
Acenaphthylene
Concen: 41.742 ng
RT: 14.478 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

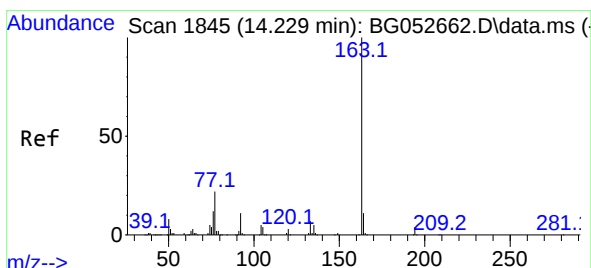
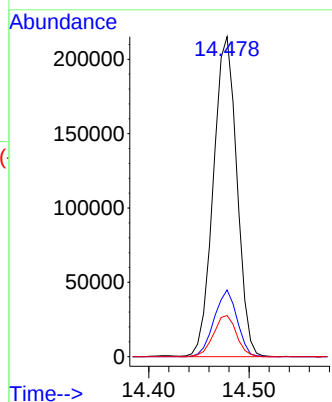
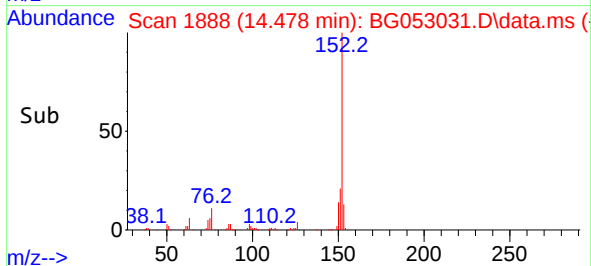


Tgt Ion:152 Resp: 350118
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 12.9 10.6 15.8

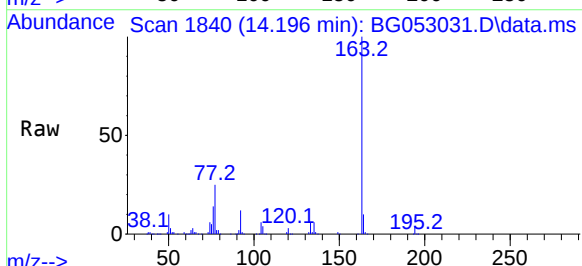
Manual Integrations

APPROVED

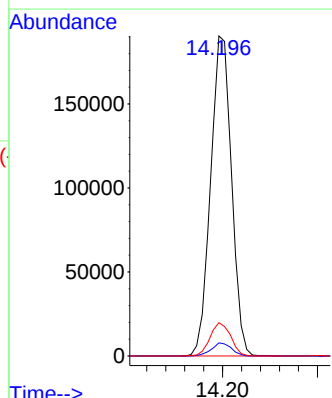
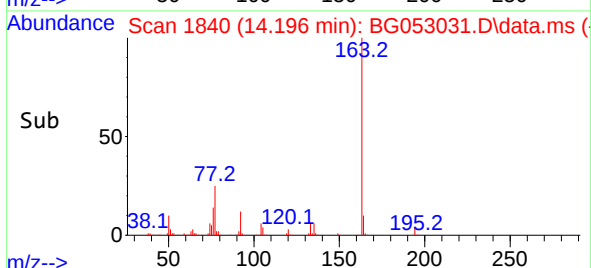
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

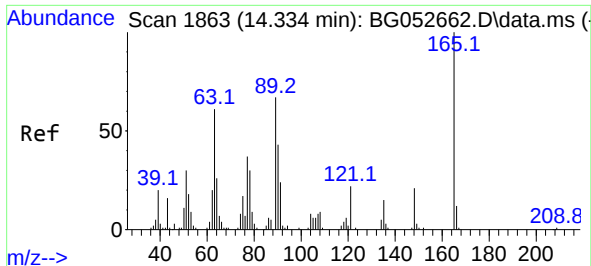


#50
Dimethylphthalate
Concen: 41.040 ng
RT: 14.196 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:163 Resp: 291408
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 52.543 ng
RT: 14.314 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

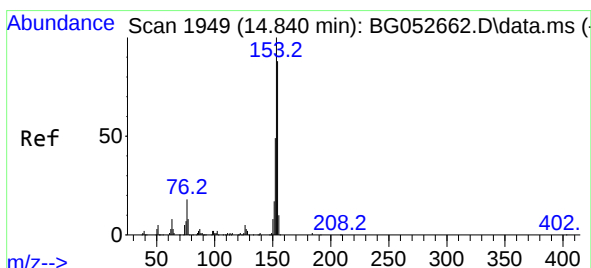
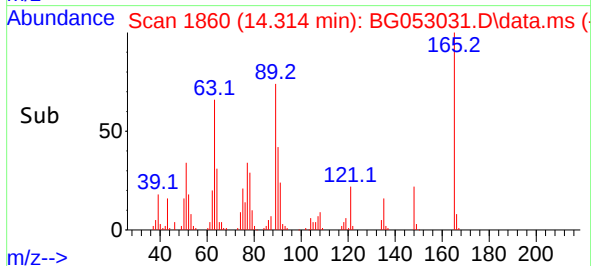
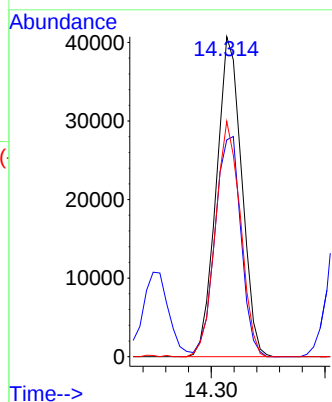
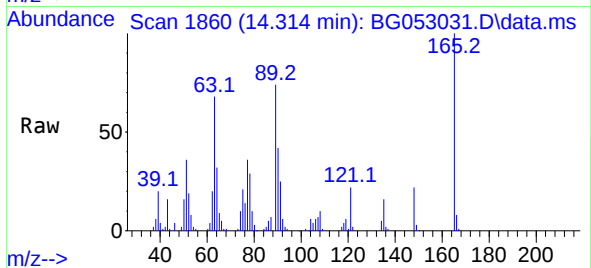
PB143892BS

Tgt Ion:165 Resp: 62990
Ion Ratio Lower Upper
165 100
63 67.8 43.7 65.5
89 73.6 45.0 67.4

Manual Integrations

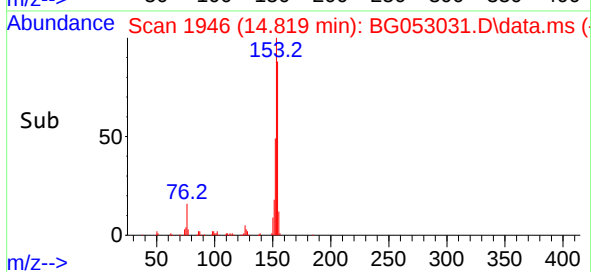
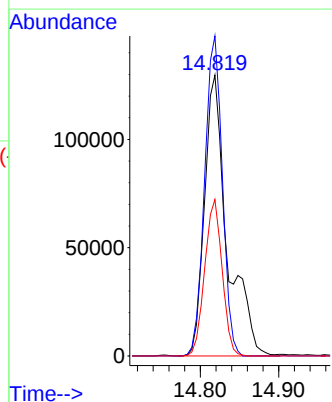
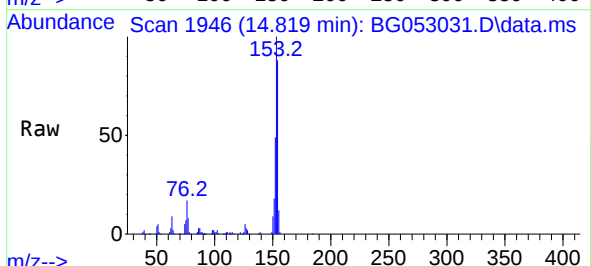
APPROVED

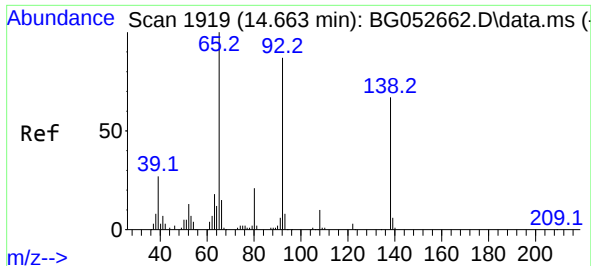
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#52
Acenaphthene
Concen: 48.899 ng m
RT: 14.819 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:154 Resp: 262756
Ion Ratio Lower Upper
154 100
153 113.9 89.0 133.4
152 55.7 40.5 60.7





#53
3-Nitroaniline
Concen: 32.670 ng
RT: 14.648 min Scan# 1917
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

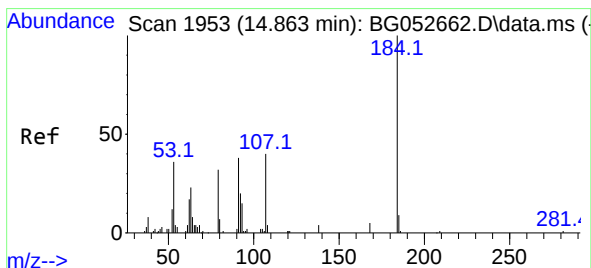
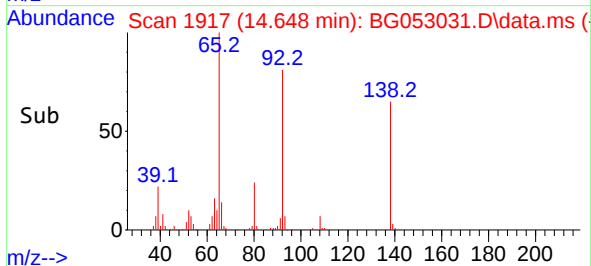
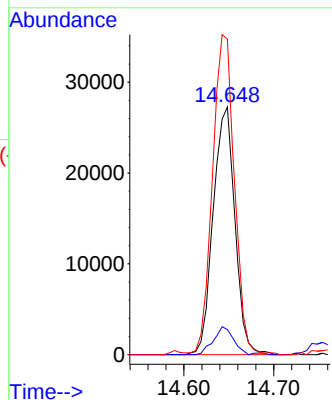
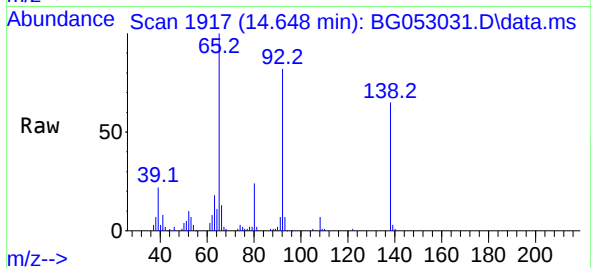
PB143892BS

Tgt Ion:138 Resp: 45830
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 127.4 96.2 144.2

Manual Integrations

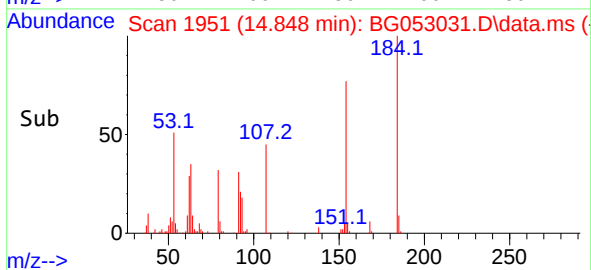
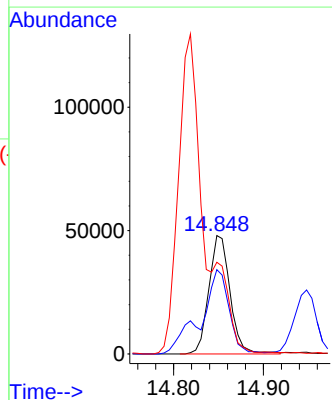
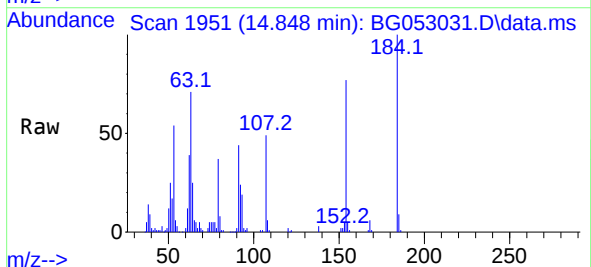
APPROVED

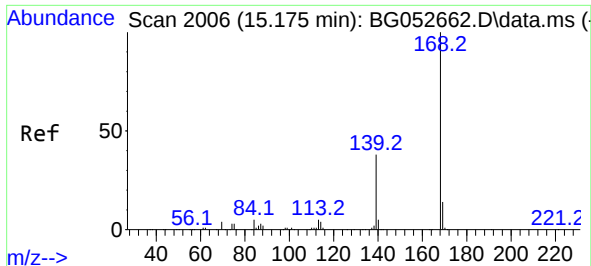
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#54
2,4-Dinitrophenol
Concen: 120.450 ng
RT: 14.848 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:184 Resp: 78711
Ion Ratio Lower Upper
184 100
63 71.2 51.8 77.6
154 77.4 47.8 71.6#





#55
Dibenzenofuran
Concen: 39.604 ng
RT: 15.148 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

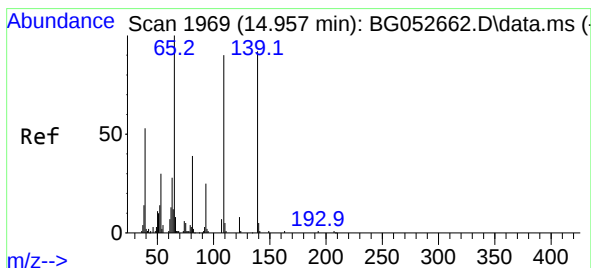
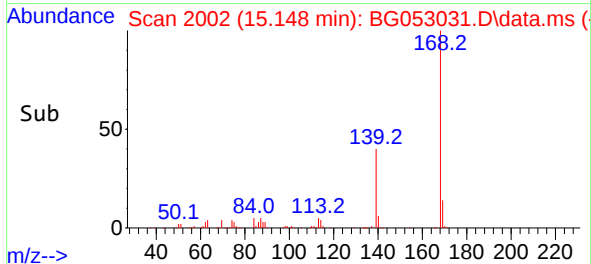
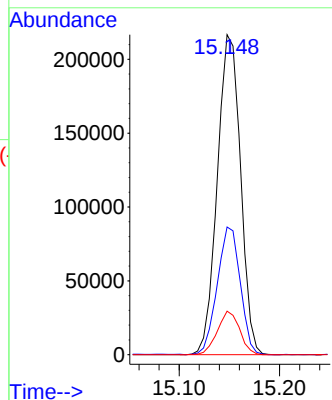
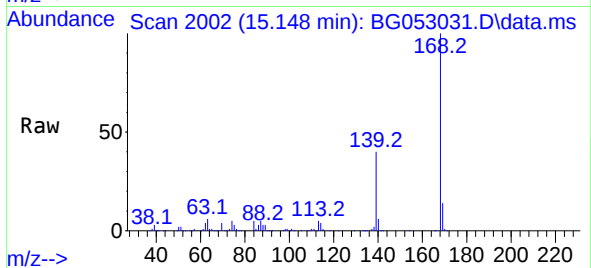
PB143892BS

Tgt Ion:168 Resp: 34752
Ion Ratio Lower Upper
168 100
139 39.9 30.2 45.4
169 13.6 10.7 16.1

Manual Integrations

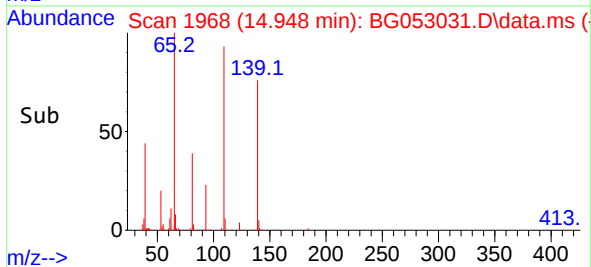
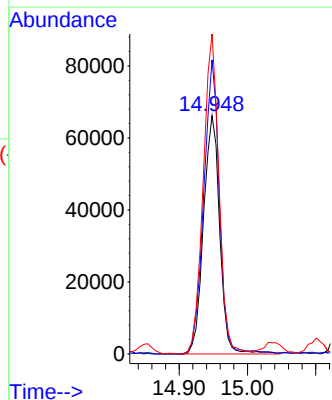
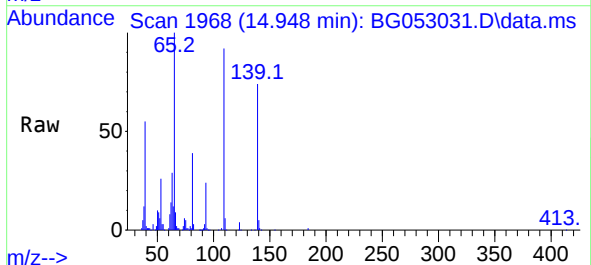
APPROVED

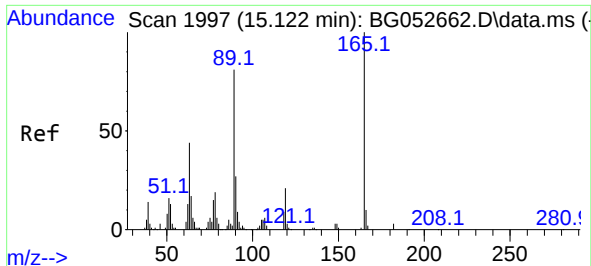
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#56
4-Nitrophenol
Concen: 95.635 ng
RT: 14.948 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:139 Resp: 109437
Ion Ratio Lower Upper
139 100
109 123.5 67.1 107.1#
65 134.3 88.2 128.2#





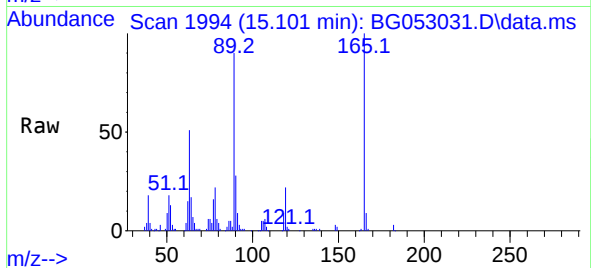
#57
2,4-Dinitrotoluene
Concen: 56.231 ng
RT: 15.101 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

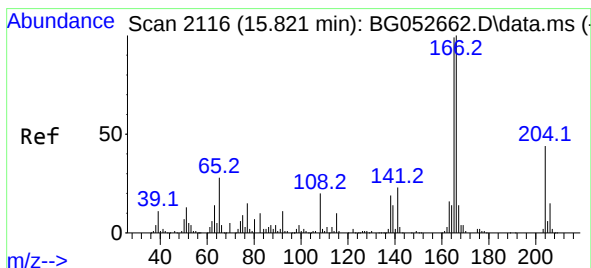
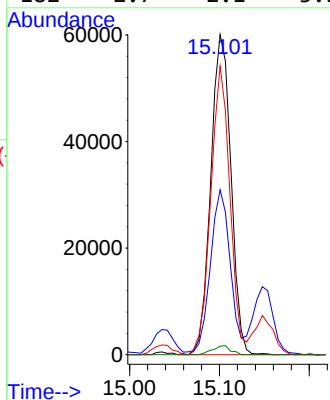
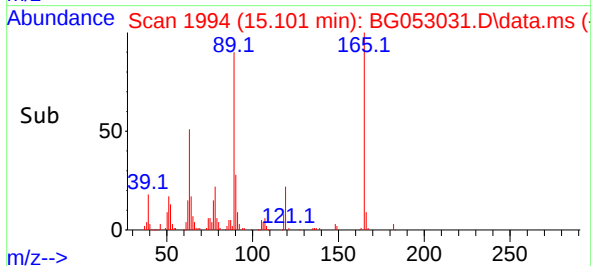


Tgt Ion:165 Resp: 93534
Ion Ratio Lower Upper
165 100
63 51.5 34.8 52.2
89 90.2 57.4 86.0
182 2.7 2.1 3.1

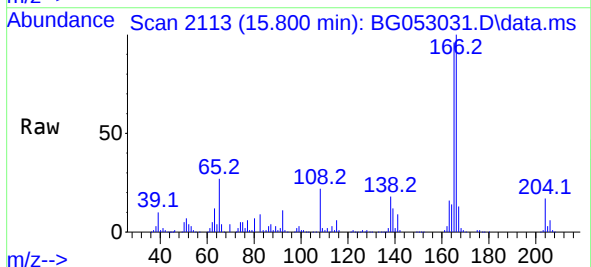
Manual Integrations

APPROVED

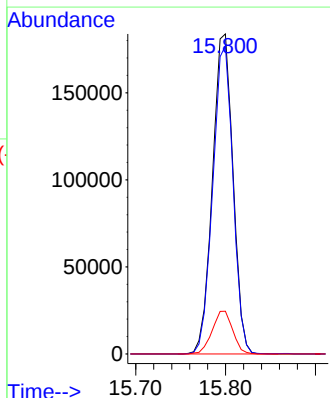
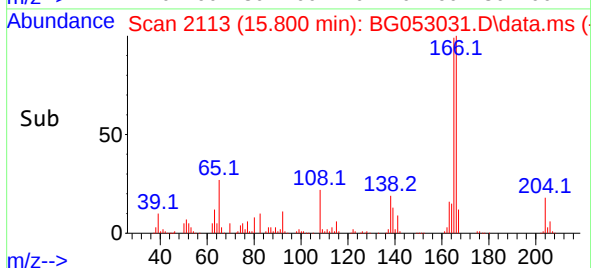
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

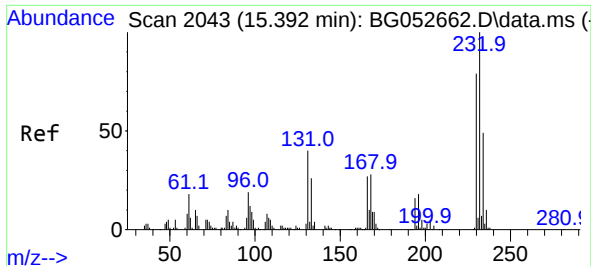


#58
Fluorene
Concen: 40.771 ng
RT: 15.800 min Scan# 2113
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:166 Resp: 291636
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.4 10.9 16.3





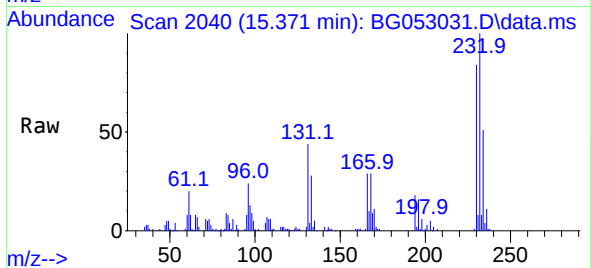
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.506 ng
RT: 15.371 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

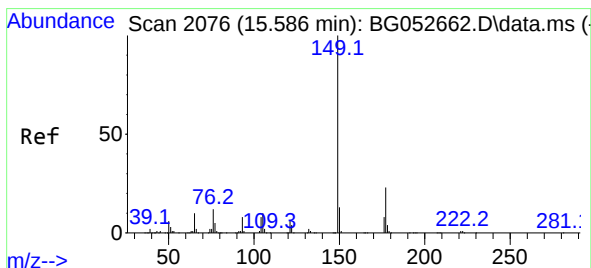
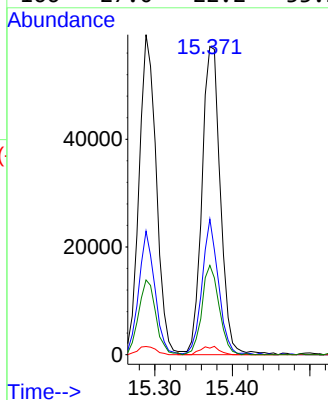
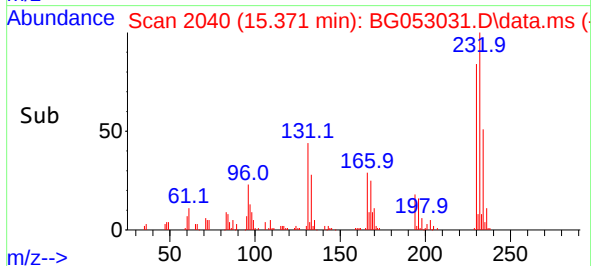


Tgt Ion:232 Resp: 94369
Ion Ratio Lower Upper
232 100
131 39.1 30.1 45.1
130 2.7 1.8 2.8
166 27.0 22.2 33.2

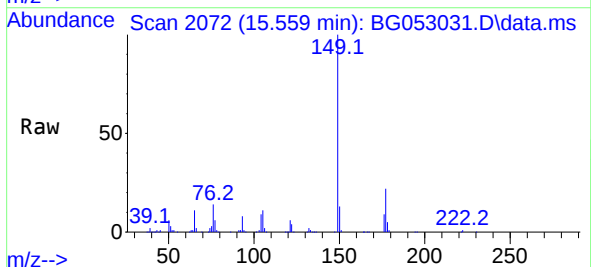
Manual Integrations

APPROVED

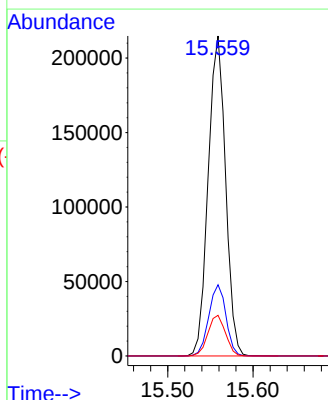
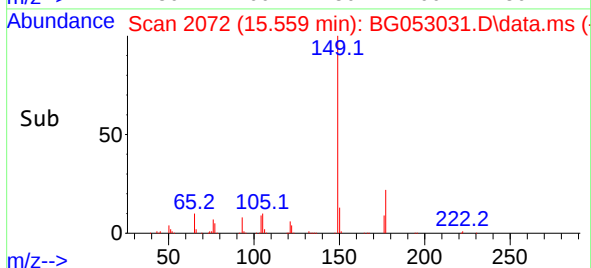
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

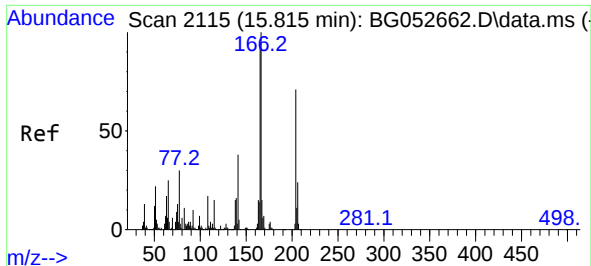


#60
Diethylphthalate
Concen: 40.542 ng
RT: 15.559 min Scan# 2072
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:149 Resp: 303869
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.7 9.9 14.9





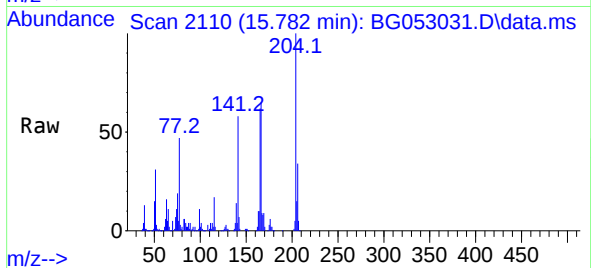
#61
4-Chlorophenyl-phenylether
Concen: 39.950 ng
RT: 15.782 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

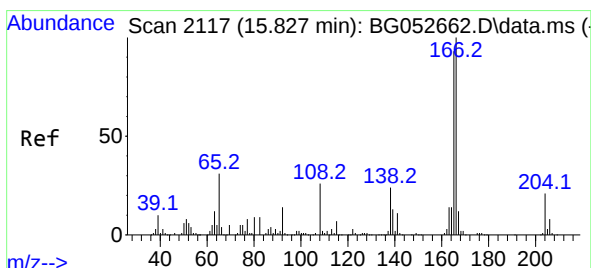
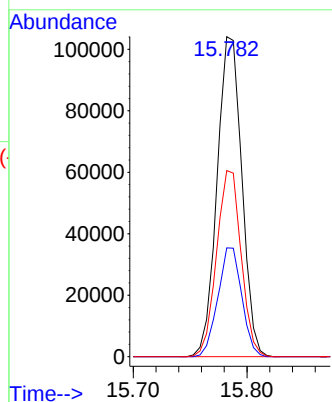
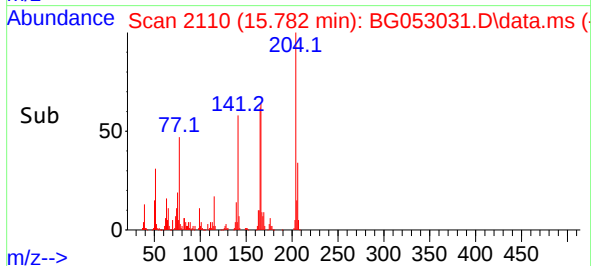


Tgt Ion:204 Resp: 157598
Ion Ratio Lower Upper
204 100
206 34.0 28.3 42.5
141 58.1 45.8 68.8

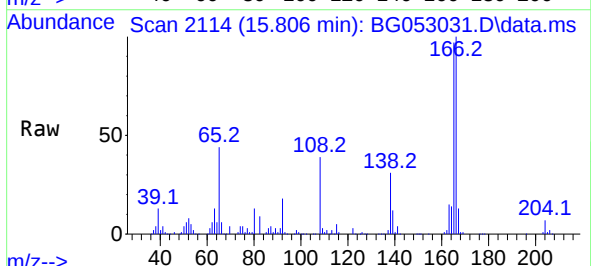
Manual Integrations

APPROVED

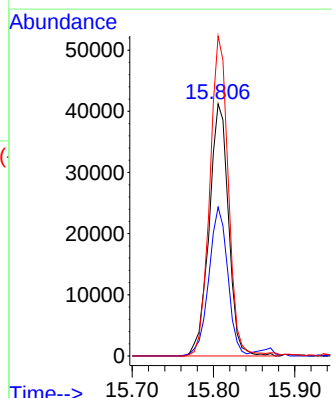
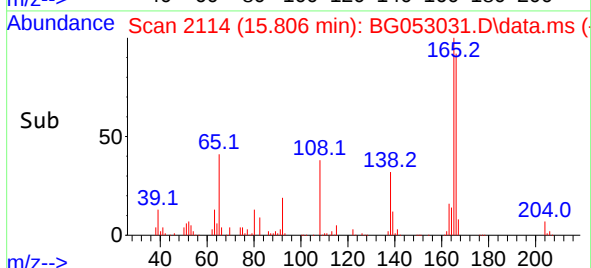
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

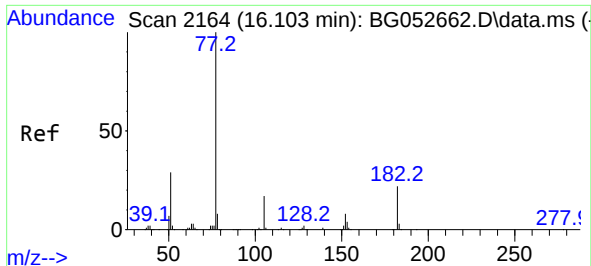


#62
4-Nitroaniline
Concen: 46.039 ng
RT: 15.806 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:138 Resp: 68244
Ion Ratio Lower Upper
138 100
92 59.0 33.3 73.3
108 126.9 74.2 114.2#





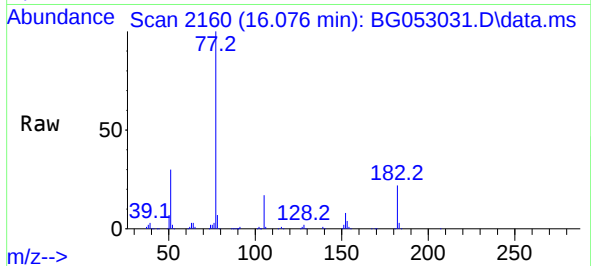
#63
Azobenzene
Concen: 39.919 ng
RT: 16.076 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

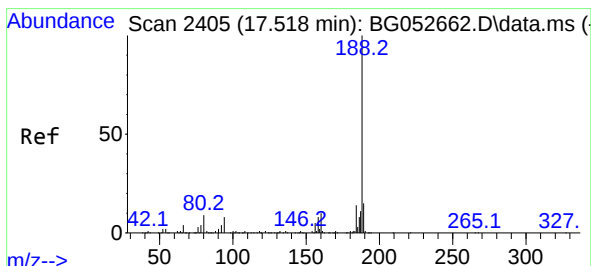
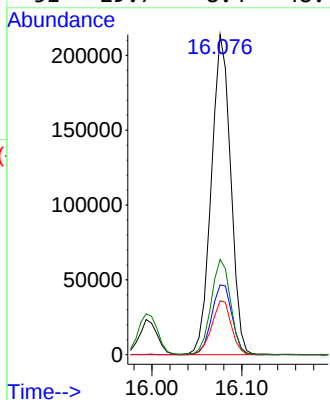
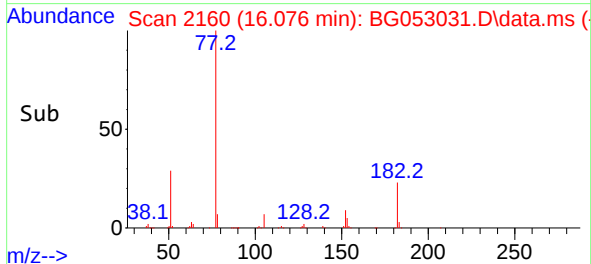


Tgt Ion: 77 Resp: 319790
Ion Ratio Lower Upper
77 100
182 21.8 5.6 45.6
105 16.8 0.0 38.8
51 29.7 8.4 48.4

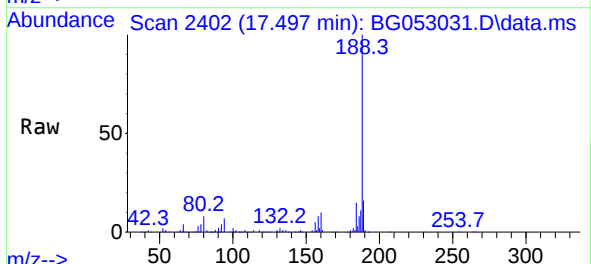
Manual Integrations

APPROVED

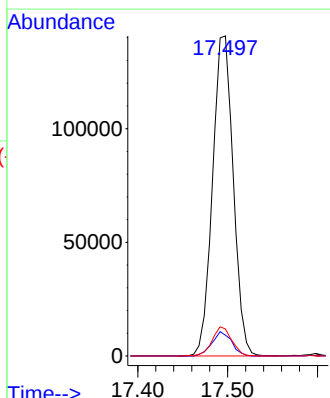
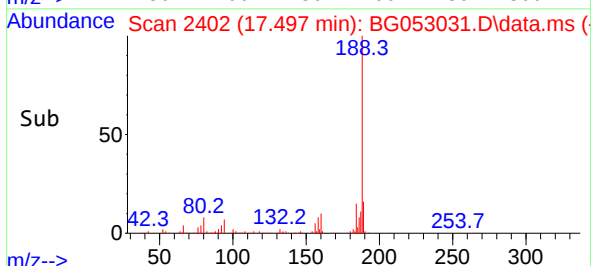
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

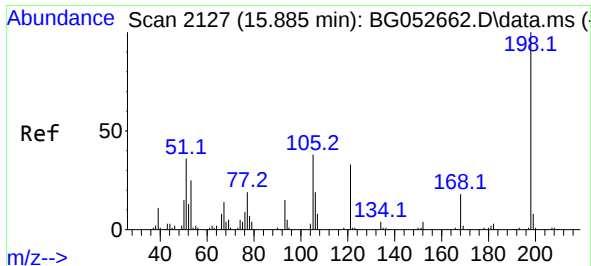


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:188 Resp: 225436
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.5 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 56.556 ng
RT: 15.864 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

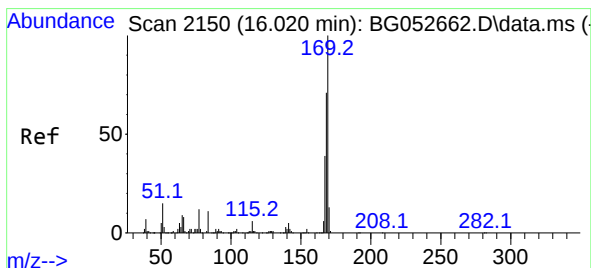
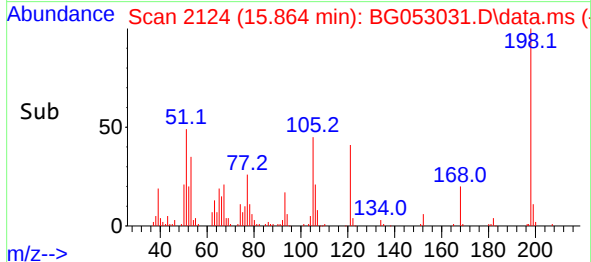
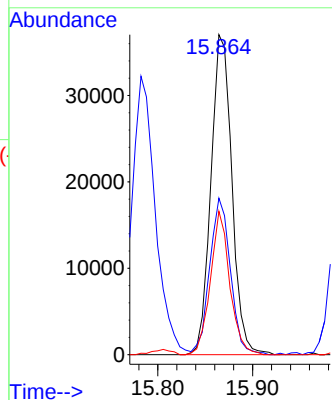
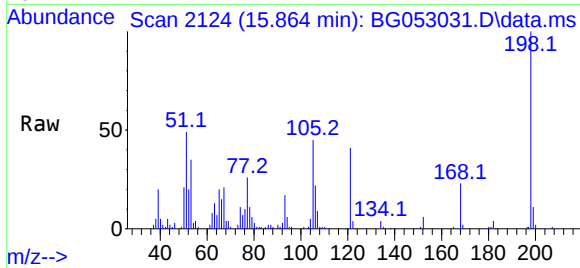
PB143892BS

Tgt Ion:198 Resp: 5684
Ion Ratio Lower Upper
198 100
51 48.9 21.7 61.7
105 44.8 20.8 60.8

Manual Integrations

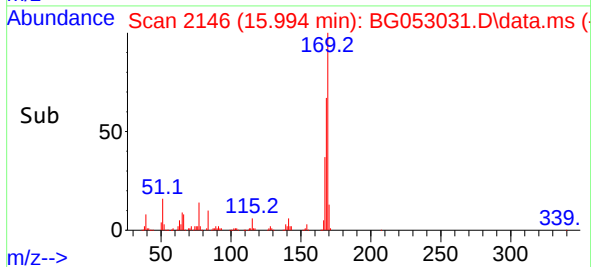
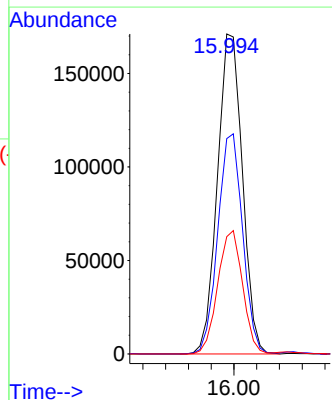
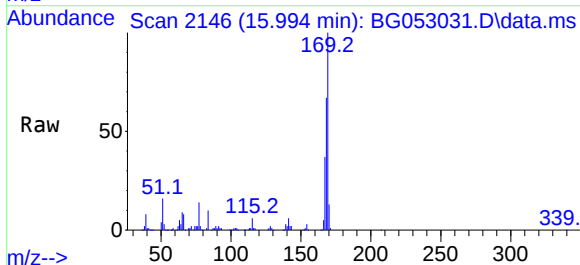
APPROVED

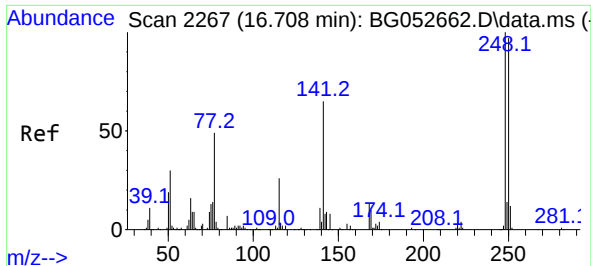
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#66
n-Nitrosodiphenylamine
Concen: 41.171 ng
RT: 15.994 min Scan# 2146
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:169 Resp: 261301
Ion Ratio Lower Upper
169 100
168 67.3 54.5 81.7
167 36.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.452 ng
RT: 16.675 min Scan# 211
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

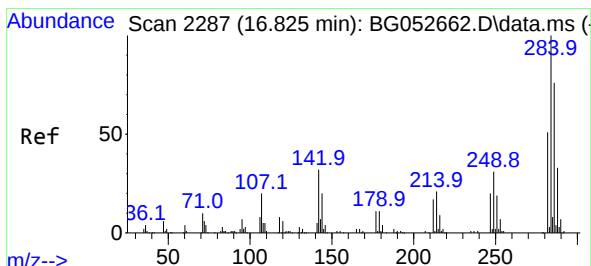
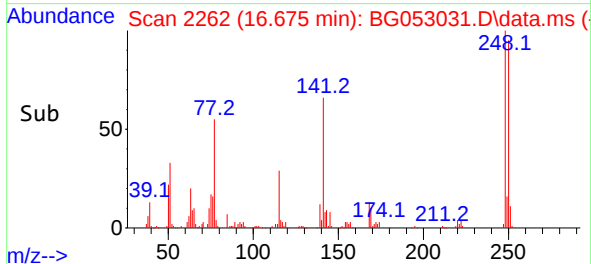
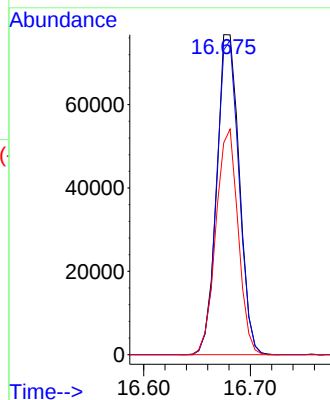
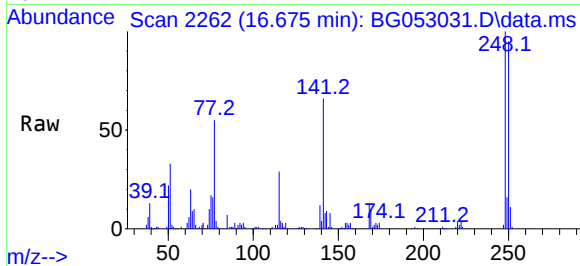
PB143892BS

Tgt Ion:248 Resp: 112662
Ion Ratio Lower Upper
248 100
250 95.2 77.9 116.9
141 66.2 49.2 73.8

Manual Integrations

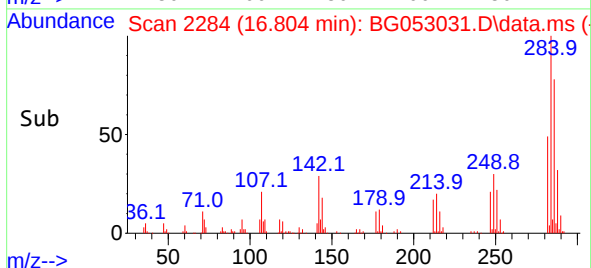
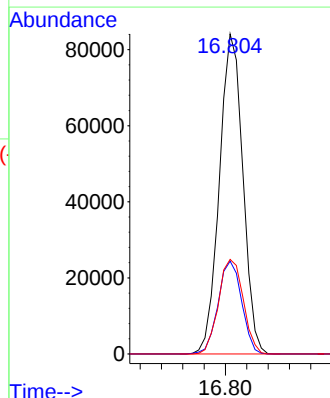
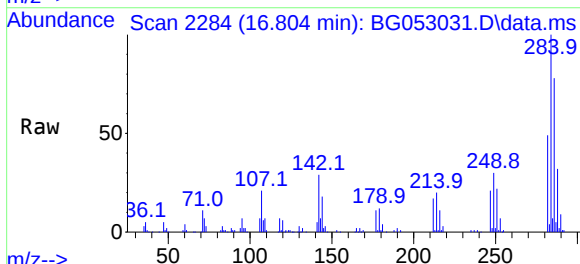
APPROVED

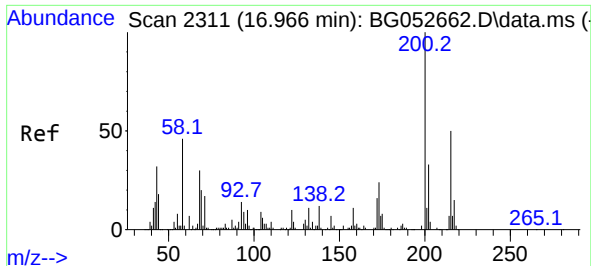
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#68
Hexachlorobenzene
Concen: 43.885 ng
RT: 16.804 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:284 Resp: 128207
Ion Ratio Lower Upper
284 100
142 29.0 21.0 31.4
249 29.5 22.7 34.1





#69
Atrazine
Concen: 47.526 ng
RT: 16.939 min Scan# 211
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

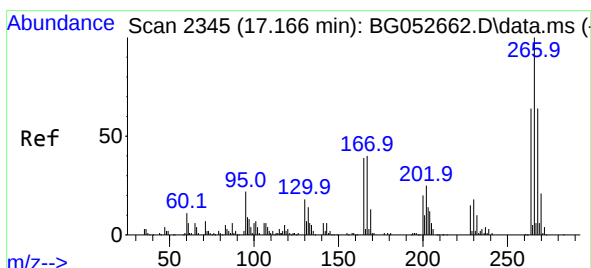
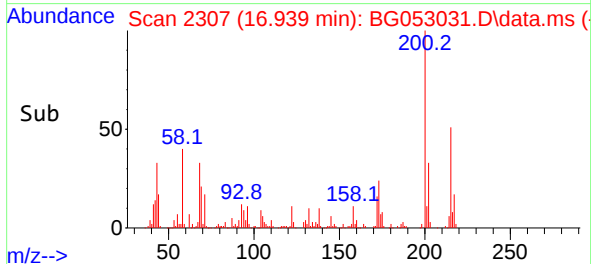
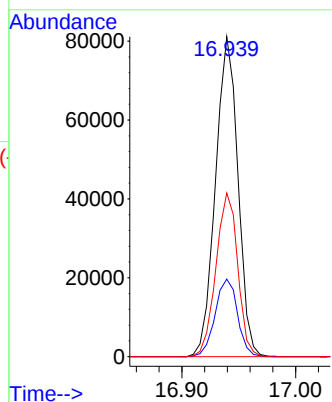
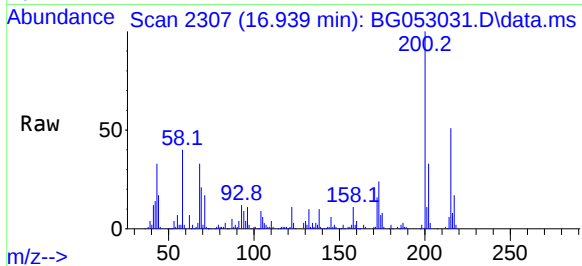
PB143892BS

Tgt Ion:200 Resp: 11122
Ion Ratio Lower Upper
200 100
173 24.2 3.8 43.8
215 51.1 26.3 66.3

Manual Integrations

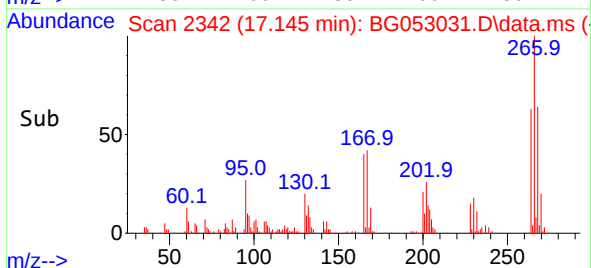
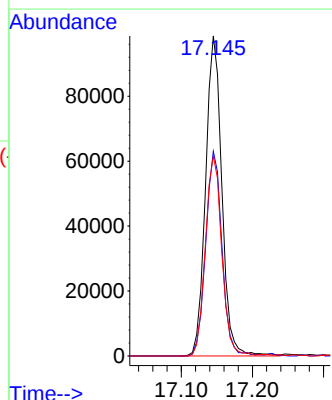
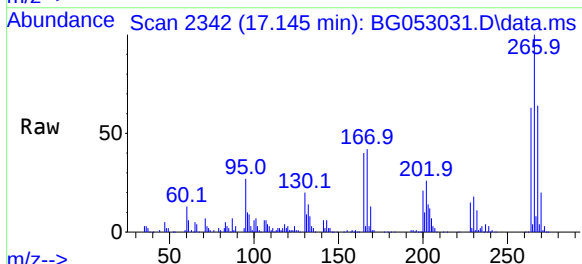
APPROVED

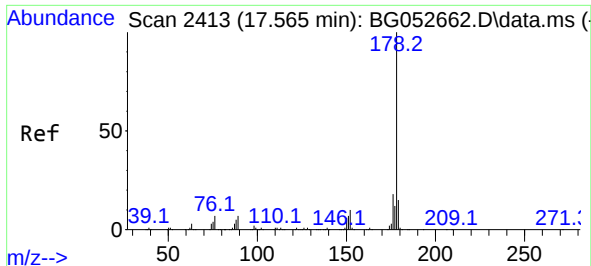
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#70
Pentachlorophenol
Concen: 86.510 ng
RT: 17.145 min Scan# 2342
Delta R.T. -0.007 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

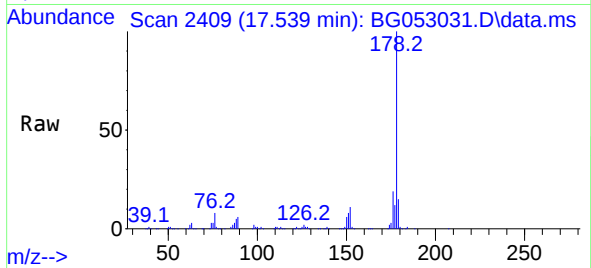
Tgt Ion:266 Resp: 156792
Ion Ratio Lower Upper
266 100
268 64.0 45.9 68.9
264 62.5 45.3 67.9





#71
Phenanthrene
Concen: 41.670 ng
RT: 17.539 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

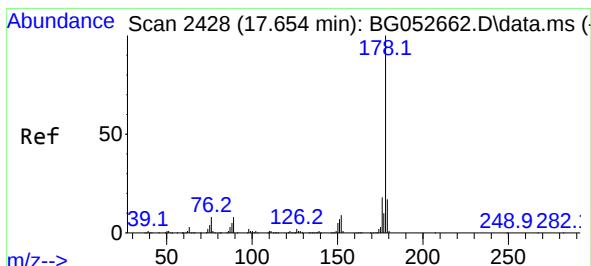
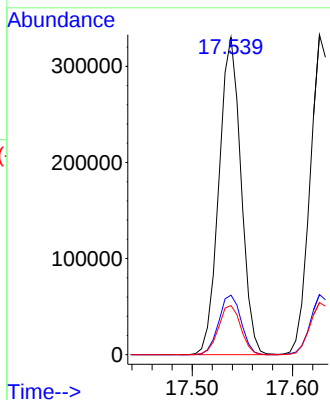
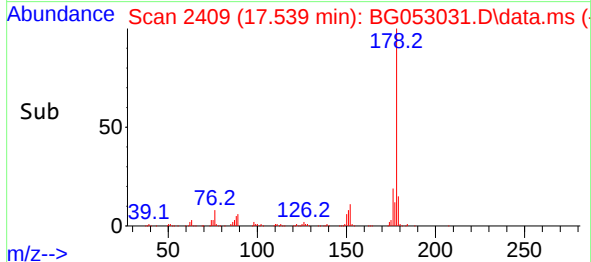
Instrument :
BNA_G
ClientSampleId :
PB143892BS



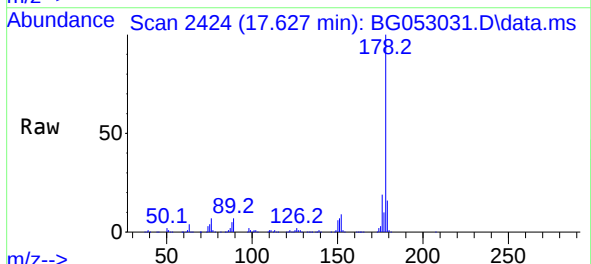
Tgt Ion:178 Resp: 502540
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.5 13.4 20.2

Manual Integrations
APPROVED

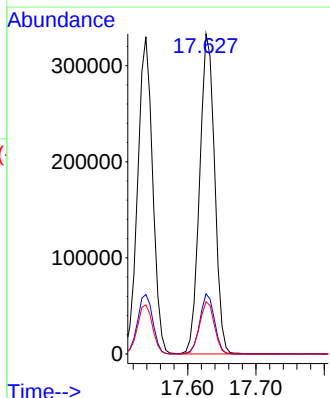
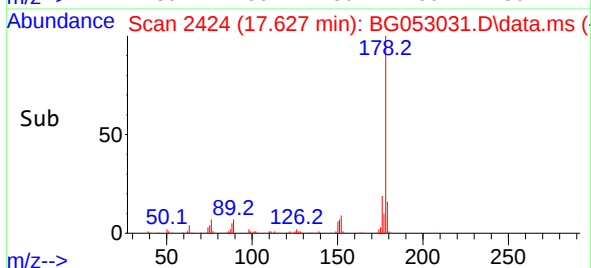
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

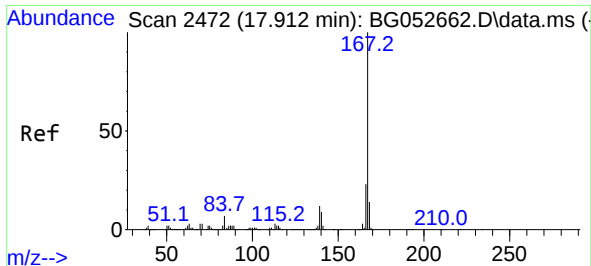


#72
Anthracene
Concen: 42.708 ng
RT: 17.627 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:178 Resp: 509180
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 16.3 13.2 19.8





#73
 Carbazole
 Concen: 39.979 ng
 RT: 17.891 min Scan# 2472
 Delta R.T. -0.012 min
 Lab File: BG053031.D
 Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

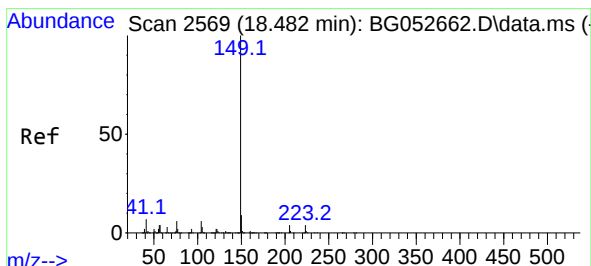
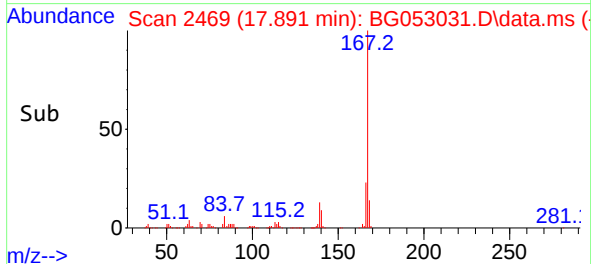
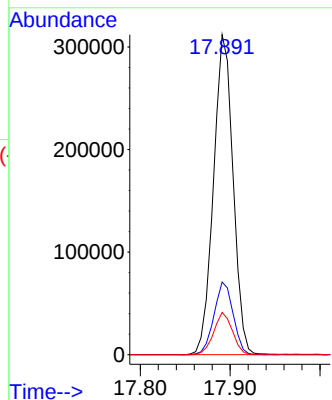
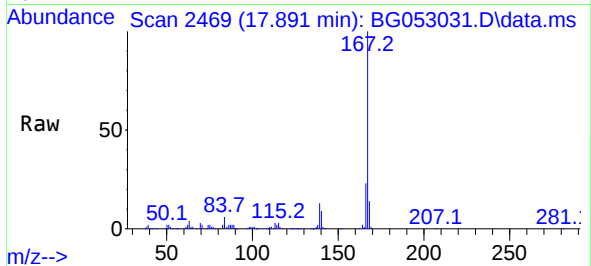
PB143892BS

Tgt Ion:167 Resp: 472068
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.5 27.7
 139 13.2 10.0 15.0

Manual Integrations

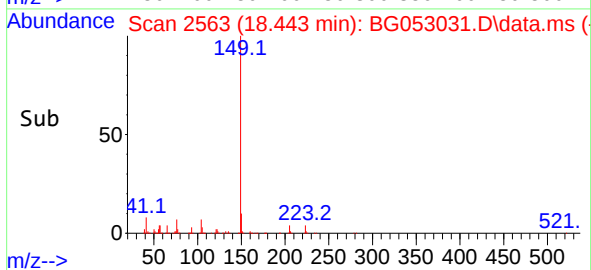
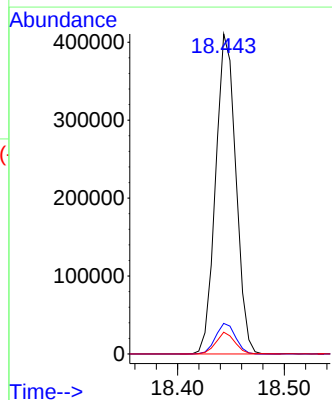
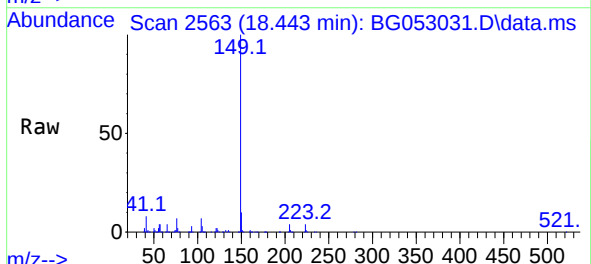
APPROVED

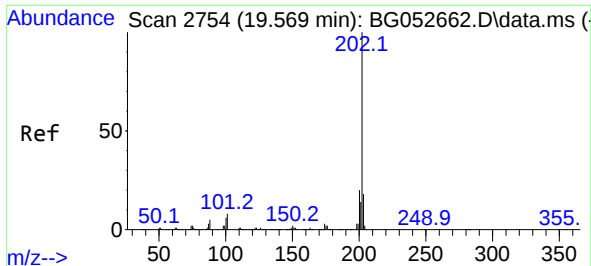
Reviewed By :Christian Giraldo 04/06/2022
 Supervised By :Jagrut Upadhyay 04/06/2022



#74
 Di-n-butylphthalate
 Concen: 41.872 ng
 RT: 18.443 min Scan# 2563
 Delta R.T. -0.018 min
 Lab File: BG053031.D
 Acq: 5 Apr 2022 14:36

Tgt Ion:149 Resp: 540119
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.0 10.6
 104 6.8 4.6 7.0





#75
Fluoranthene
Concen: 43.837 ng
RT: 19.542 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

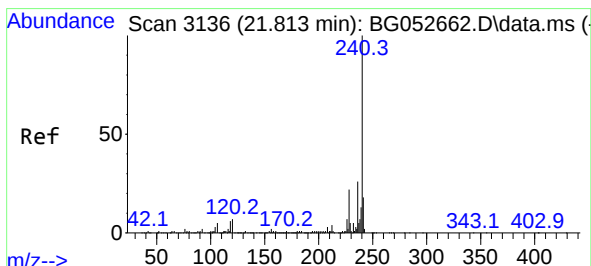
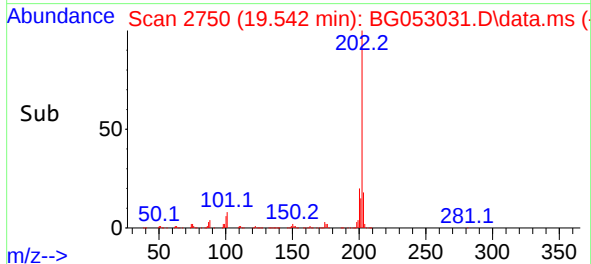
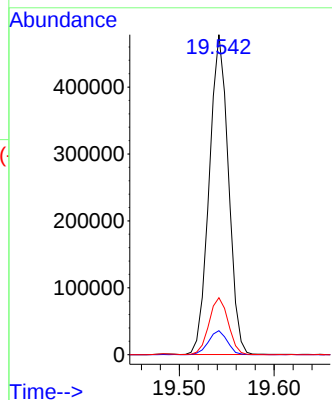
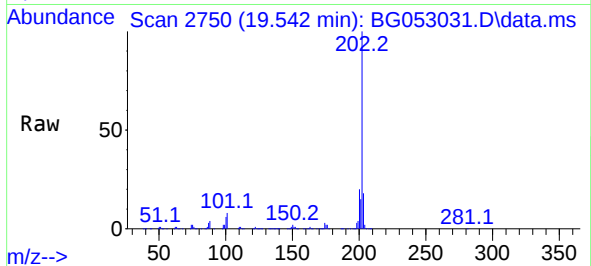
PB143892BS

Tgt Ion:202 Resp: 671094
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.3
203 17.8 0.0 37.7

Manual Integrations

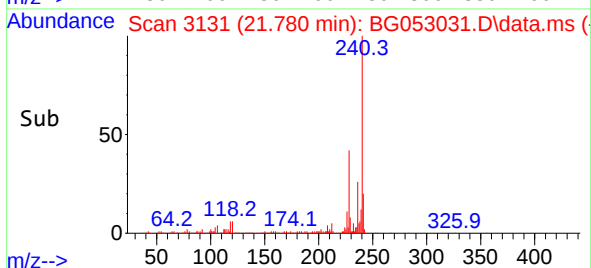
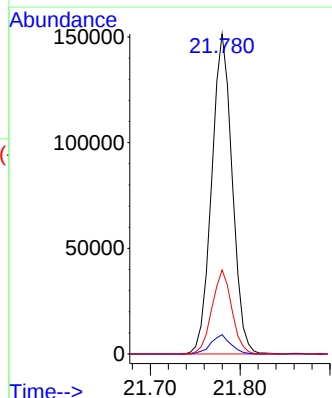
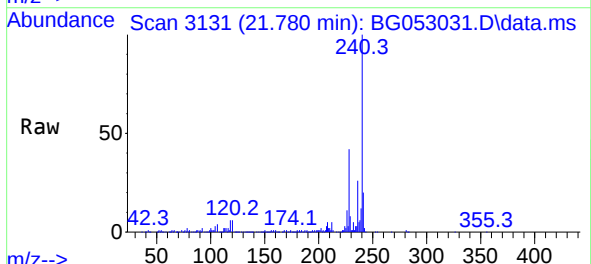
APPROVED

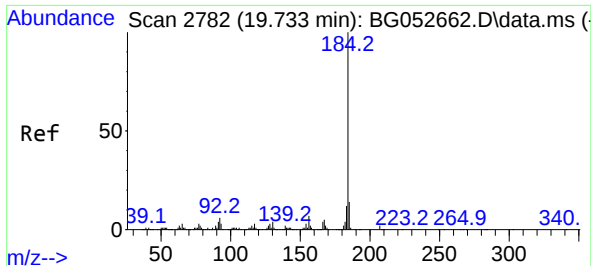
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.780 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:240 Resp: 240233
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 26.3 19.8 29.6





#77
Benzidine
Concen: 39.632 ng
RT: 19.712 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

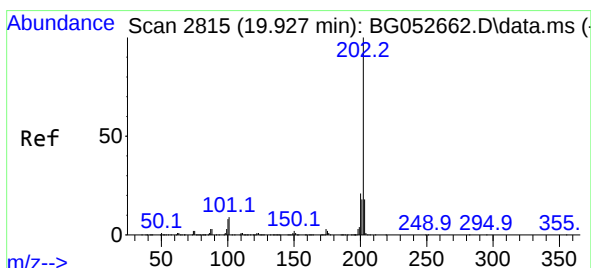
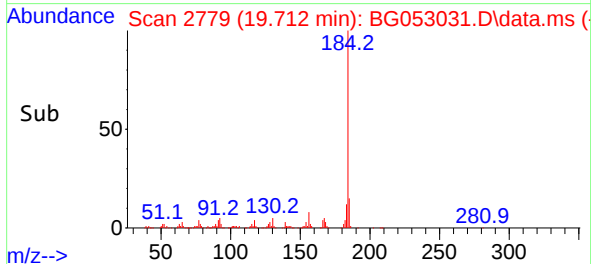
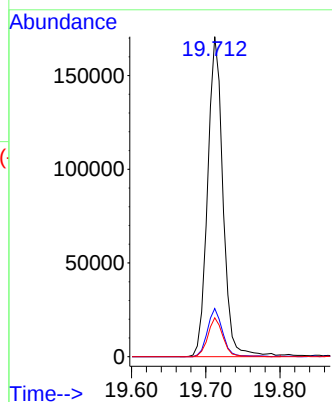
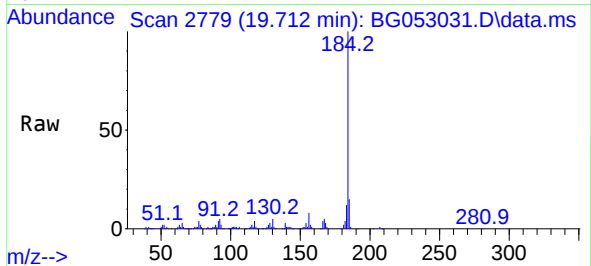
PB143892BS

Tgt Ion:184 Resp: 245562
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 12.2 9.4 14.2

Manual Integrations

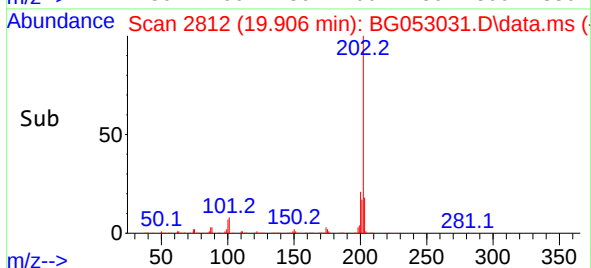
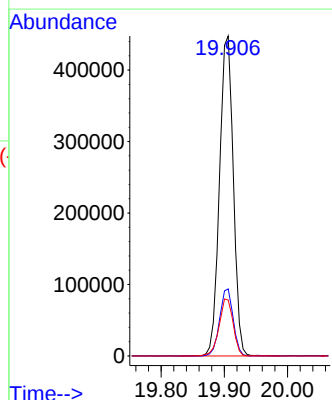
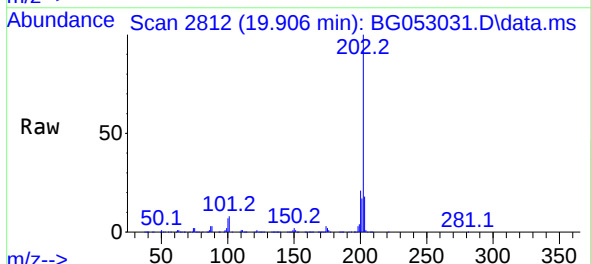
APPROVED

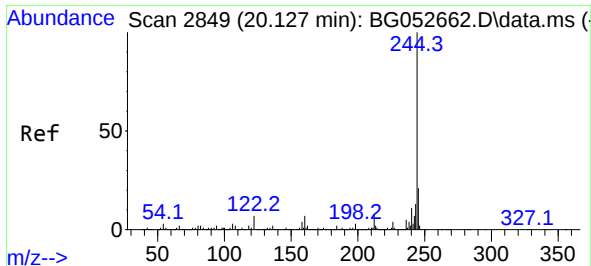
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#78
Pyrene
Concen: 40.687 ng
RT: 19.906 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:202 Resp: 678007
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.5 15.0 22.6





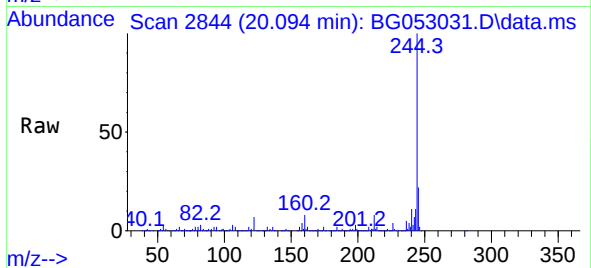
#79
 Terphenyl-d14
 Concen: 76.838 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053031.D
 Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

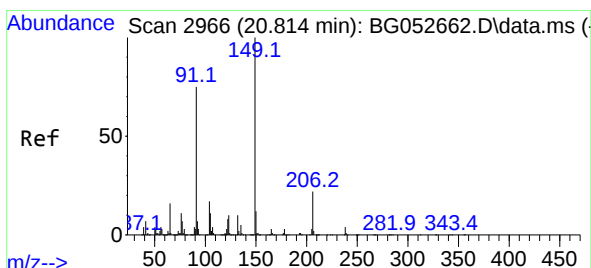
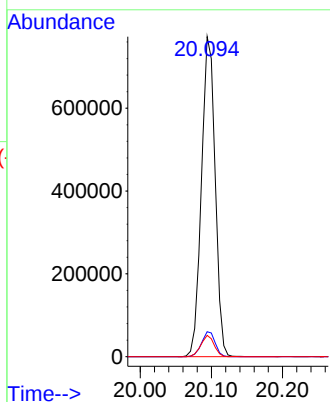
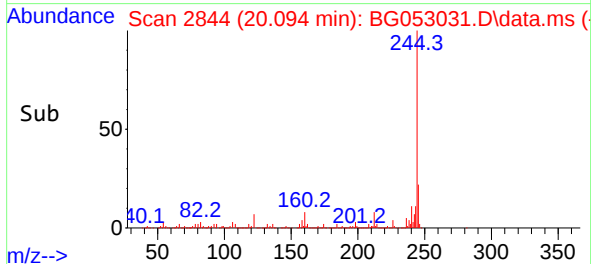


Tgt Ion:244 Resp: 103769
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.7 5.8 8.6

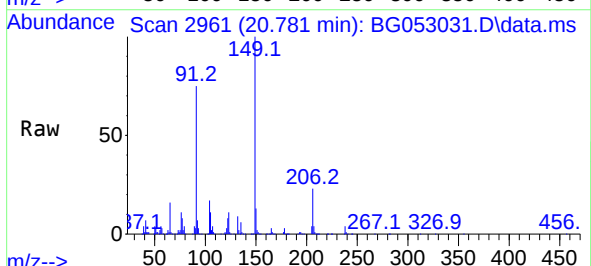
Manual Integrations

APPROVED

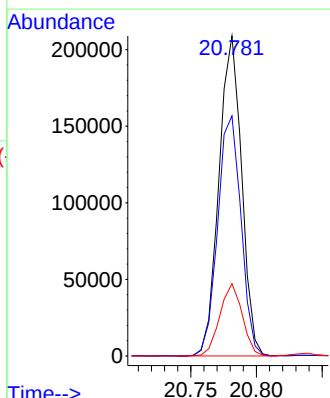
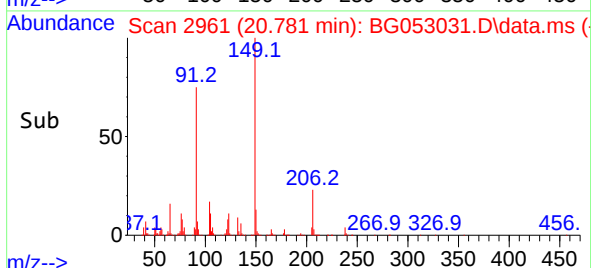
Reviewed By :Christian Giraldo 04/06/2022
 Supervised By :Jagrut Upadhyay 04/06/2022

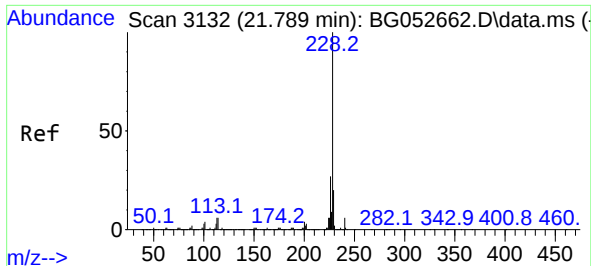


#80
 Butylbenzylphthalate
 Concen: 42.353 ng
 RT: 20.781 min Scan# 2961
 Delta R.T. -0.012 min
 Lab File: BG053031.D
 Acq: 5 Apr 2022 14:36



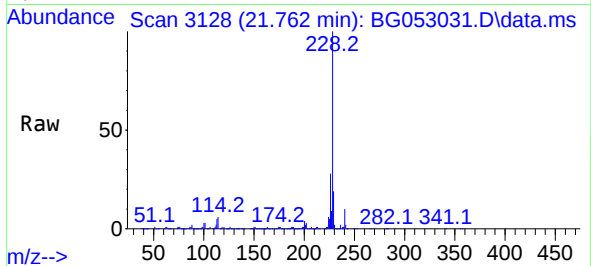
Tgt Ion:149 Resp: 250360
 Ion Ratio Lower Upper
 149 100
 91 75.0 60.2 90.4
 206 22.6 19.4 29.2





#81
Benzo(a)anthracene
Concen: 41.506 ng
RT: 21.762 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

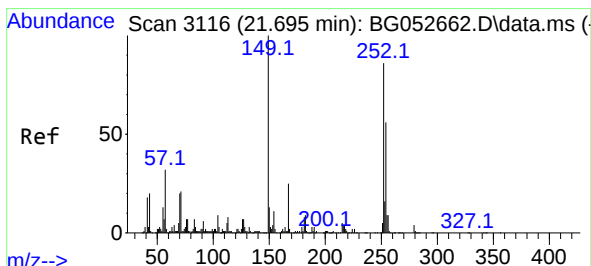
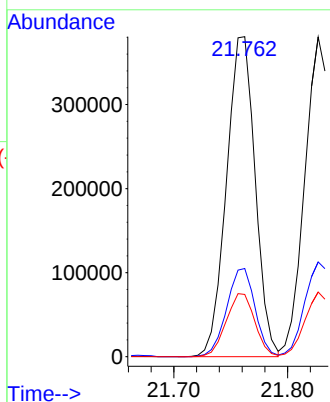
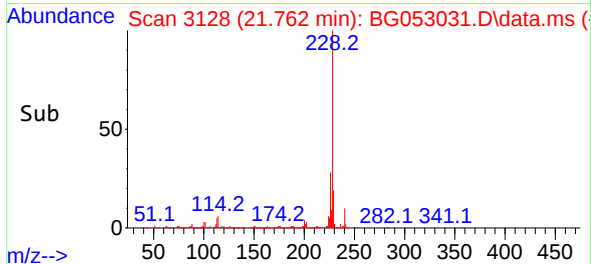
Instrument :
BNA_G
ClientSampleId :
PB143892BS



Tgt Ion:228 Resp: 66767
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.5 16.7 25.1

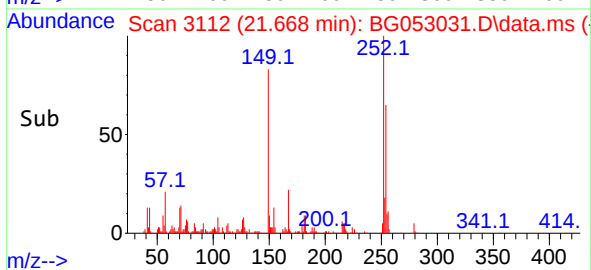
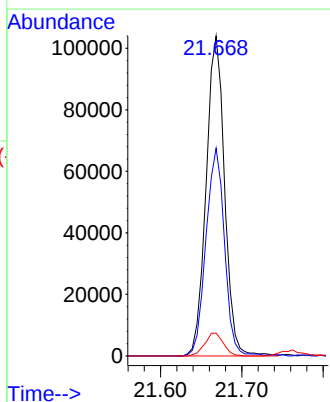
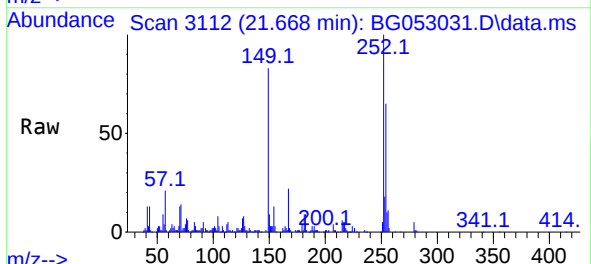
Manual Integrations
APPROVED

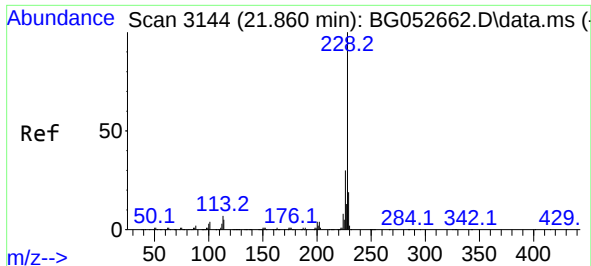
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.864 ng
RT: 21.668 min Scan# 3112
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

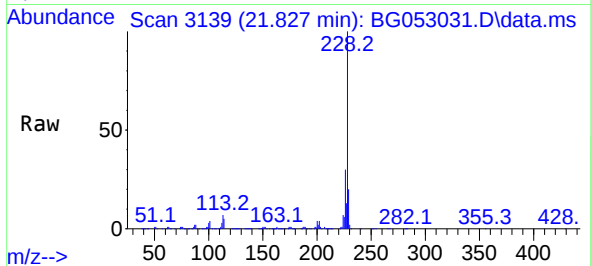
Tgt Ion:252 Resp: 163966
Ion Ratio Lower Upper
252 100
254 64.9 51.2 76.8
126 7.2 5.8 8.8





#83
Chrysene
Concen: 42.264 ng
RT: 21.827 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

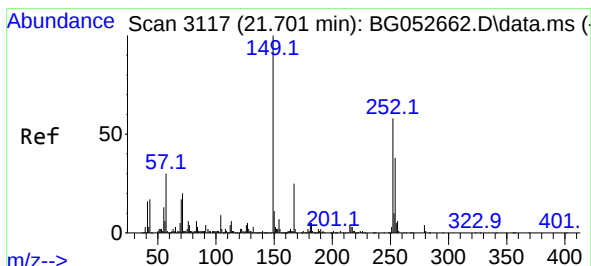
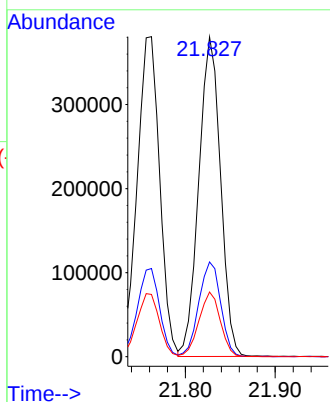
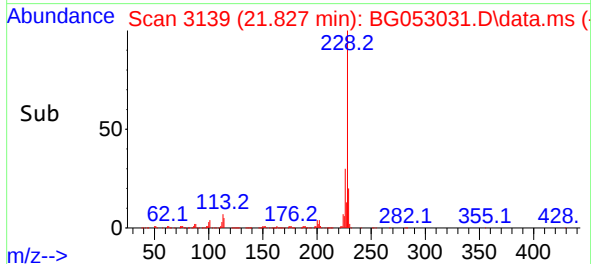
Instrument :
BNA_G
ClientSampleId :
PB143892BS



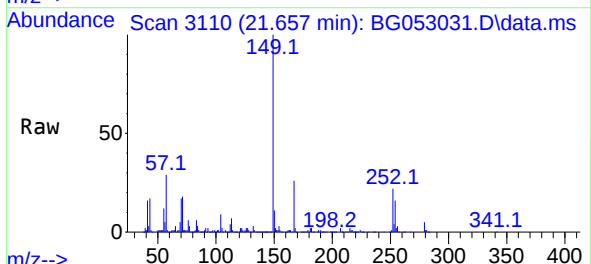
Tgt Ion:228 Resp: 63915
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.4
229 20.2 16.3 24.5

Manual Integrations
APPROVED

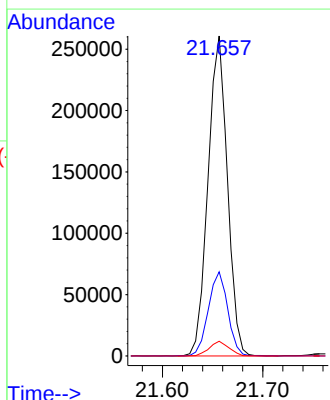
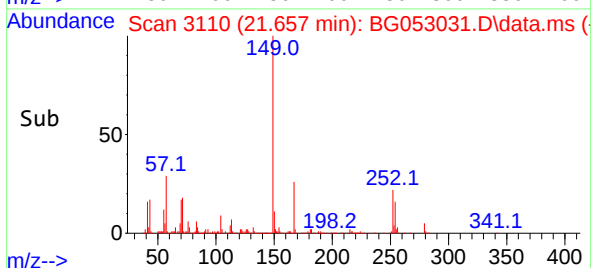
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

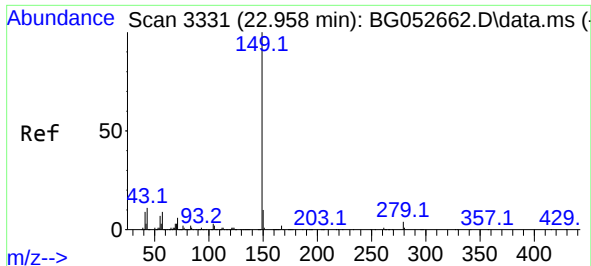


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.536 ng
RT: 21.657 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:149 Resp: 349982
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.2
279 4.6 3.8 5.8





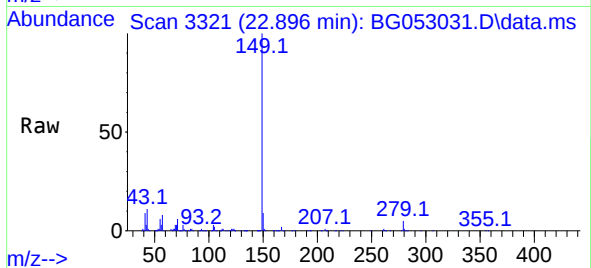
#85
Di-n-octyl phthalate
Concen: 45.091 ng
RT: 22.896 min Scan# 31
Delta R.T. -0.030 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

PB143892BS

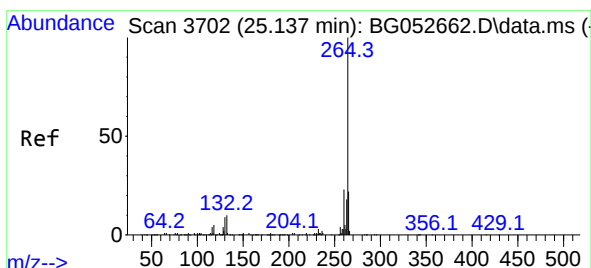
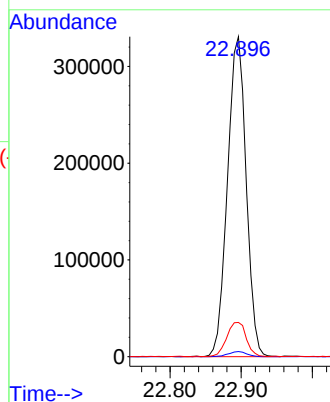
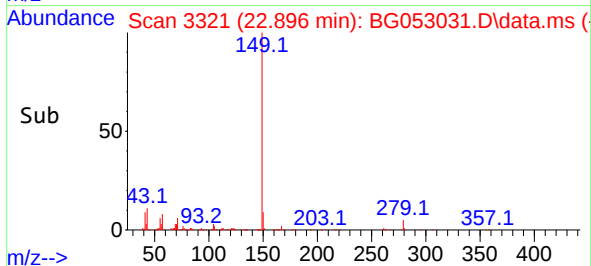


Tgt Ion:149 Resp: 60344
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 7.6 11.4

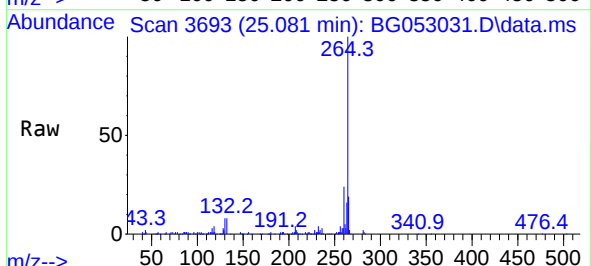
Manual Integrations

APPROVED

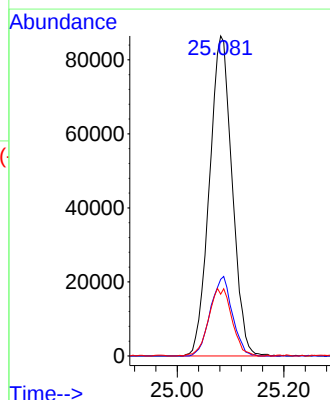
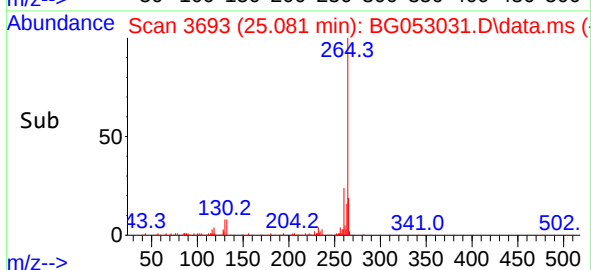
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

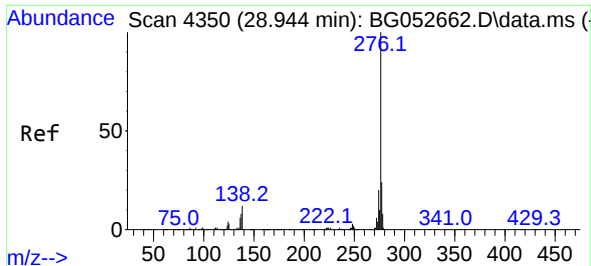


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.081 min Scan# 3693
Delta R.T. -0.030 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:264 Resp: 254973
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 19.3 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.277 ng
RT: 28.864 min Scan# 41
Delta R.T. -0.036 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

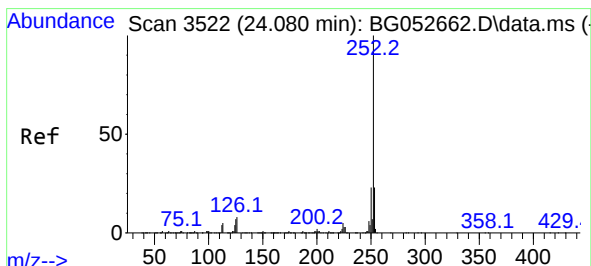
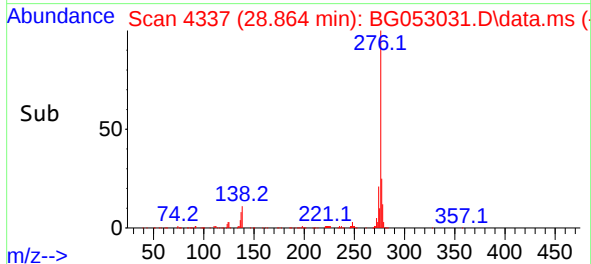
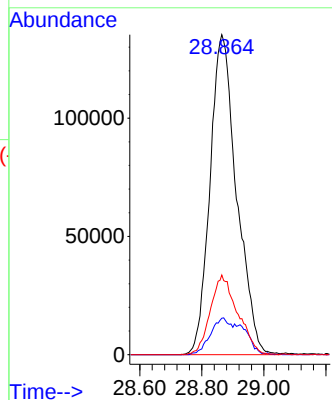
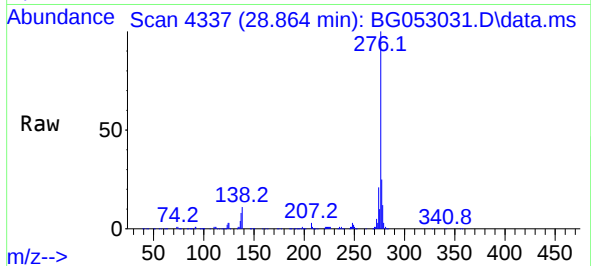
ClientSampleId :

PB143892BS

Tgt Ion:276 Resp: 807630
Ion Ratio Lower Upper
276 100
138 8.8 8.7 13.1
277 25.5 20.2 30.4

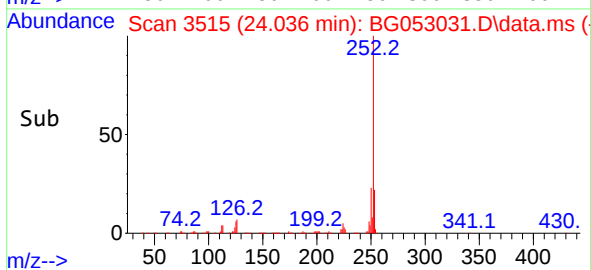
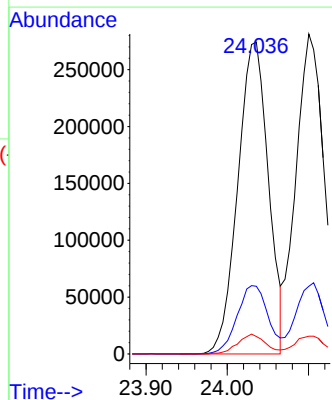
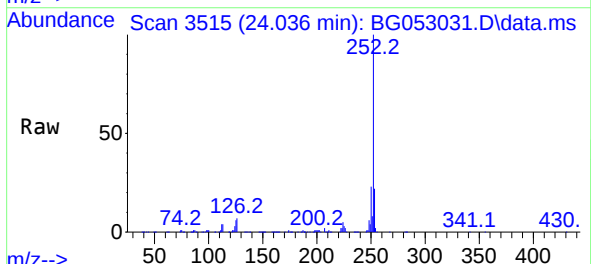
Manual Integrations
APPROVED

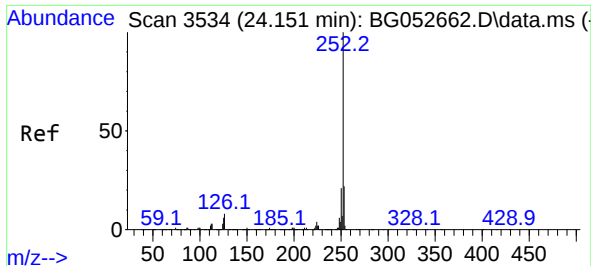
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#88
Benzo(b)fluoranthene
Concen: 45.269 ng
RT: 24.036 min Scan# 3515
Delta R.T. -0.018 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

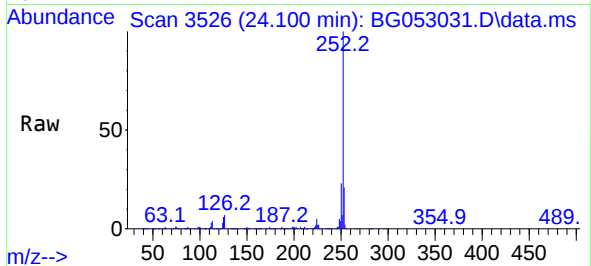
Tgt Ion:252 Resp: 716674
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 5.6 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 43.588 ng
RT: 24.100 min Scan# 31
Delta R.T. -0.030 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

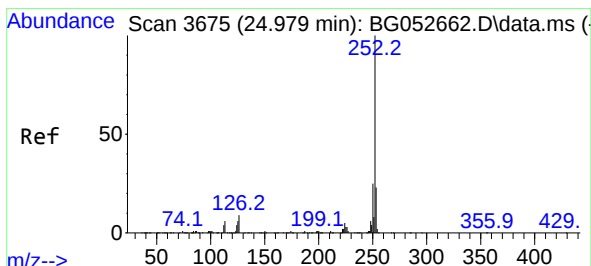
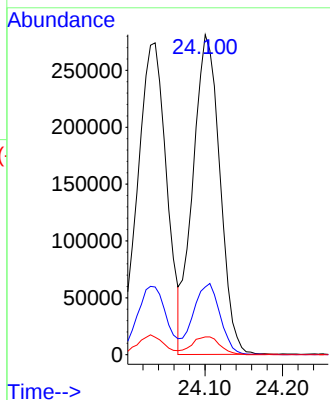
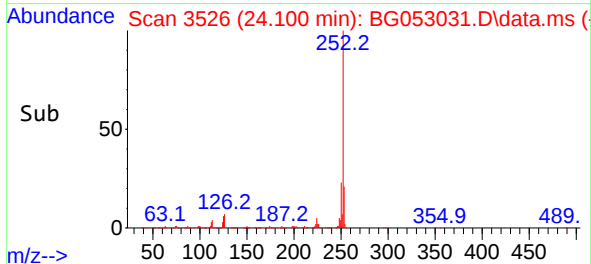
Instrument :
BNA_G
ClientSampleId :
PB143892BS



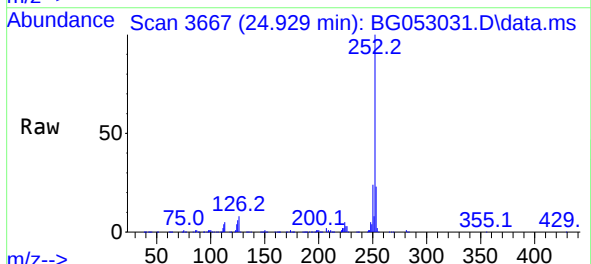
Tgt Ion:252 Resp: 678930
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 5.6 5.0 7.4

Manual Integrations
APPROVED

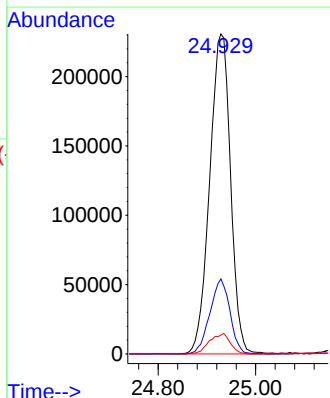
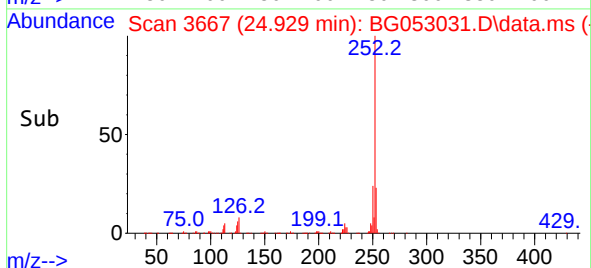
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

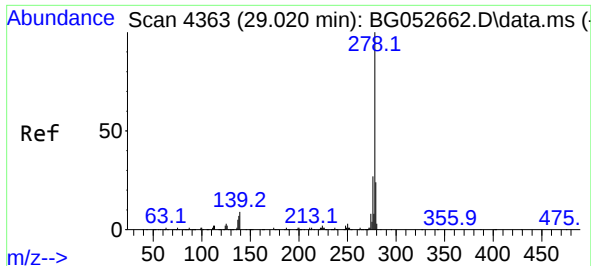


#90
Benzo(a)pyrene
Concen: 51.226 ng
RT: 24.929 min Scan# 3667
Delta R.T. -0.024 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36



Tgt Ion:252 Resp: 686476
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 5.9 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 46.983 ng
RT: 28.935 min Scan# 41
Delta R.T. -0.036 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Instrument :

BNA_G

ClientSampleId :

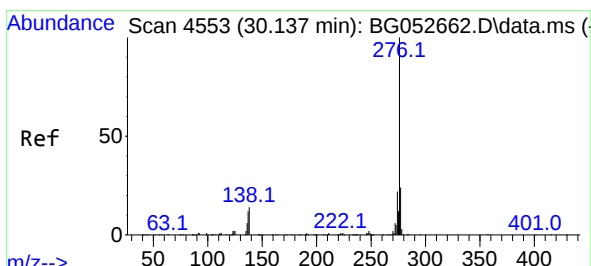
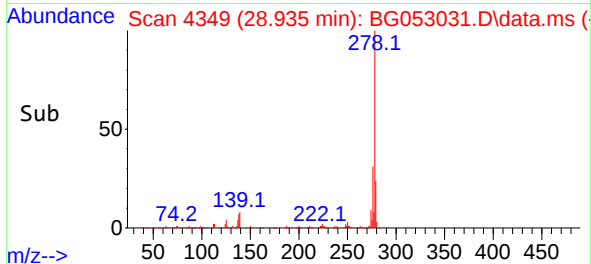
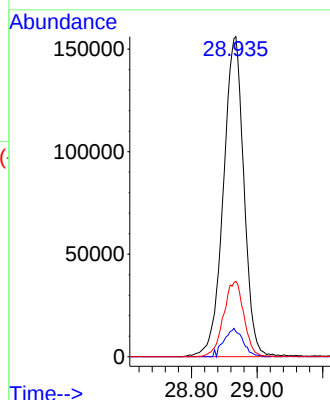
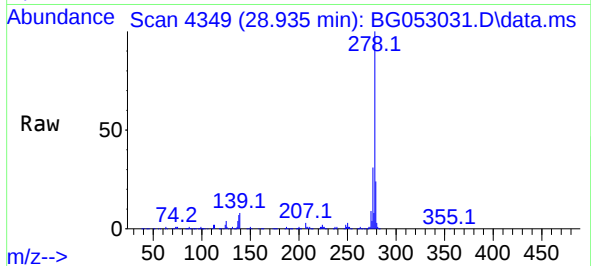
PB143892BS

Tgt Ion:278 Resp: 675630
Ion Ratio Lower Upper
278 100
139 7.9 7.8 11.6
279 23.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#92
Benzo(g,h,i)perylene
Concen: 47.515 ng
RT: 30.051 min Scan# 4539
Delta R.T. -0.042 min
Lab File: BG053031.D
Acq: 5 Apr 2022 14:36

Tgt Ion:276 Resp: 676073
Ion Ratio Lower Upper
276 100
277 23.0 18.2 27.2
138 12.9 9.1 13.7

