

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052784.D
 Acq On : 22 Mar 2022 14:00
 Operator : CG/JU
 Sample : N1974-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 16:38:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	43632	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	177912	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	131398	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	323627	20.000	ng	0.00
76) Chrysene-d12	21.798	240	312726	20.000	ng	-0.01
86) Perylene-d12	25.117	264	335228	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	310483	123.925	ng	0.00
7) Phenol-d6	7.294	99	434763	115.103	ng	0.00
23) Nitrobenzene-d5	9.303	82	340856	96.158	ng	-0.01
42) 2,4,6-Tribromophenol	16.253	330	249317	141.205	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	750896	84.283	ng	-0.01
79) Terphenyl-d14	20.112	244	1480333	84.204	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	47546	37.937	ng	# 90
3) Pyridine	3.987	79	97940	30.485	ng	# 94
4) n-Nitrosodimethylamine	3.899	42	63420	44.499	ng	# 95
6) Aniline	7.464	93	171847	38.801	ng	96
8) 2-Chlorophenol	7.705	128	125519	47.679	ng	93
9) Benzaldehyde	7.276	77	95848	48.517	ng	97
10) Phenol	7.323	94	158354	42.471	ng	96
11) bis(2-Chloroethyl)ether	7.553	93	127073	45.130	ng	93
12) 1,3-Dichlorobenzene	8.034	146	139017	43.858	ng	93
13) 1,4-Dichlorobenzene	8.181	146	144260	45.298	ng	97
14) 1,2-Dichlorobenzene	8.498	146	139603	46.350	ng	98
15) Benzyl Alcohol	8.375	79	146004	45.908	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.669	45	202747	41.348	ng	98
17) 2-Methylphenol	8.581	107	115813	46.593	ng	98
18) Hexachloroethane	9.238	117	51559	44.126	ng	98
19) n-Nitroso-di-n-propyla...	8.951	70	120904	45.195	ng	98
20) 3+4-Methylphenols	8.904	107	158670	45.614	ng	96
22) Acetophenone	8.962	105	206284	44.805	ng	# 98
24) Nitrobenzene	9.344	77	182083	51.338	ng	90
25) Isophorone	9.873	82	333614	48.605	ng	98
26) 2-Nitrophenol	10.067	139	69897	56.749	ng	93
27) 2,4-Dimethylphenol	10.114	122	122053	48.437	ng	91
28) bis(2-Chloroethoxy)met...	10.349	93	179115	44.134	ng	97
29) 2,4-Dichlorophenol	10.601	162	136115	48.006	ng	98
30) 1,2,4-Trichlorobenzene	10.819	180	146488	43.795	ng	98
31) Naphthalene	11.007	128	406811	44.218	ng	99
32) Benzoic acid	10.184	122	15911m	13.171	ng	
33) 4-Chloroaniline	11.107	127	98815	25.341	ng	98
34) Hexachlorobutadiene	11.300	225	100950	42.095	ng	98
35) Caprolactam	11.876	113	40942	52.882	ng	# 80
36) 4-Chloro-3-methylphenol	12.217	107	157528	47.844	ng	93
37) 2-Methylnaphthalene	12.605	142	293621	43.580	ng	94
38) 1-Methylnaphthalene	12.822	142	281204	42.765	ng	96
40) 1,2,4,5-Tetrachloroben...	12.969	216	179904	43.824	ng	98
41) Hexachlorocyclopentadiene	12.957	237	194053	79.748	ng	94
43) 2,4,6-Trichlorophenol	13.198	196	126200	48.004	ng	97

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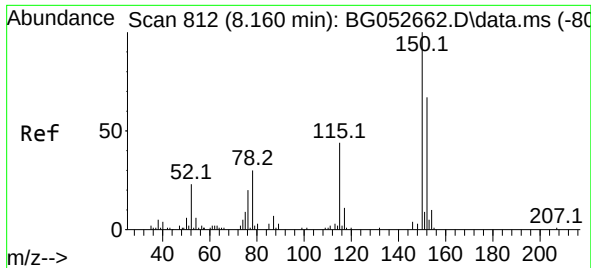
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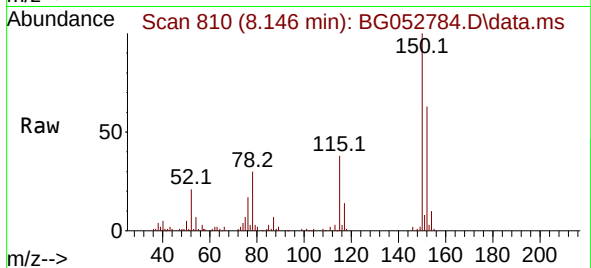
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	138045	51.734	ng	97
46) 1,1'-Biphenyl	13.603	154	404412	44.010	ng	98
47) 2-Chloronaphthalene	13.644	162	320628	44.306	ng	96
48) 2-Nitroaniline	13.838	65	122958	62.128	ng	97
49) Acenaphthylene	14.490	152	539932	46.805	ng	98
50) Dimethylphthalate	14.214	163	444384	45.505	ng	99
51) 2,6-Dinitrotoluene	14.326	165	95289	57.793	ng	91
52) Acenaphthene	14.831	154	310515	42.016	ng	94
53) 3-Nitroaniline	14.655	138	83426	43.240	ng	89
54) 2,4-Dinitrophenol	14.854	184	10879	12.105	ng #	1
55) Dibenzofuran	15.160	168	520639	43.140	ng	99
56) 4-Nitrophenol	14.954	139	142418	90.492	ng	84
57) 2,4-Dinitrotoluene	15.113	165	134997	59.010	ng	90
58) Fluorene	15.812	166	428951	43.602	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.383	232	134074	47.009	ng	98
60) Diethylphthalate	15.571	149	470894	45.681	ng	98
61) 4-Chlorophenyl-phenyle...	15.800	204	234181	43.163	ng	97
62) 4-Nitroaniline	15.818	138	107323	52.644	ng	91
63) Azobenzene	16.094	77	468511	42.523	ng	99
65) 4,6-Dinitro-2-methylph...	15.877	198	18061	12.518	ng	98
66) n-Nitrosodiphenylamine	16.012	169	398159	43.700	ng	99
67) 4-Bromophenyl-phenylether	16.693	248	164815	42.242	ng	97
68) Hexachlorobenzene	16.816	284	184962	44.103	ng	94
69) Atrazine	16.957	200	166093	49.439	ng	96
70) Pentachlorophenol	17.157	266	174290	66.988	ng	89
71) Phenanthrene	17.551	178	762215	44.025	ng	97
72) Anthracene	17.645	178	763844	44.630	ng	99
73) Carbazole	17.903	167	709980	41.885	ng	99
74) Di-n-butylphthalate	18.461	149	829777	44.810	ng	98
75) Fluoranthene	19.554	202	952637	43.347	ng	97
77) Benzidine	19.730	184	445657	55.252	ng	98
78) Pyrene	19.918	202	950293	43.807	ng	99
80) Butylbenzylphthalate	20.799	149	361836	47.022	ng	99
81) Benzo(a)anthracene	21.780	228	935760	44.686	ng	98
82) 3,3'-Dichlorobenzidine	21.686	252	255703	34.579	ng	98
83) Chrysene	21.845	228	852811	43.320	ng	99
84) Bis(2-ethylhexyl)phtha...	21.680	149	506725	48.422	ng	99
85) Di-n-octyl phthalate	22.926	149	863849	49.586	ng	97
87) Indeno(1,2,3-cd)pyrene	28.918	276	1033191	45.028	ng	99
88) Benzo(b)fluoranthene	24.065	252	953232	45.796	ng	99
89) Benzo(k)fluoranthene	24.136	252	929530	45.390	ng	99
90) Benzo(a)pyrene	24.958	252	918578	52.136	ng	100
91) Dibenzo(a,h)anthracene	28.988	278	893995	47.284	ng	97
92) Benzo(g,h,i)perylene	30.110	276	887183	47.425	ng #	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

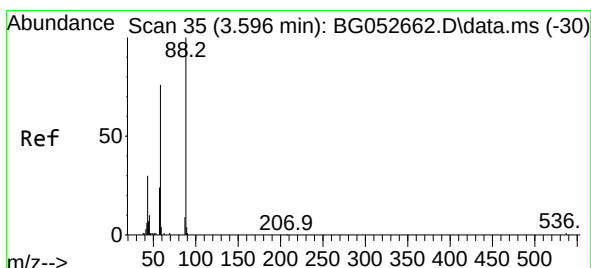
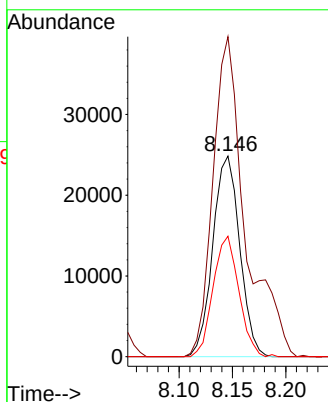
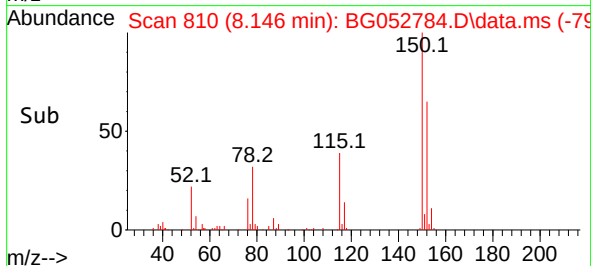
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:152 Resp: 4363
Ion Ratio Lower Upper
152 100
150 159.5 114.6 172.0
115 60.1 45.9 68.9

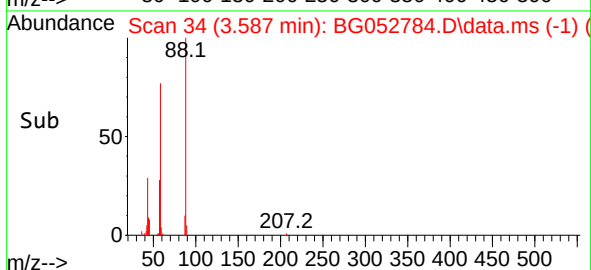
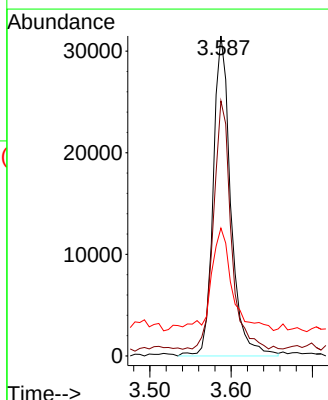
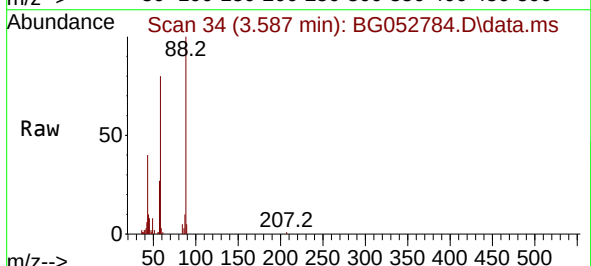
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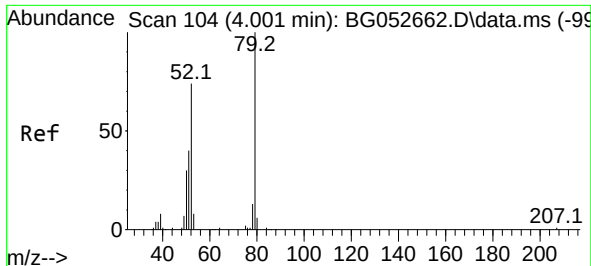
Reviewed By :Christian Giraldo 03/23/2022
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#2
1,4-Dioxane
Concen: 37.937 ng
RT: 3.587 min Scan# 34
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

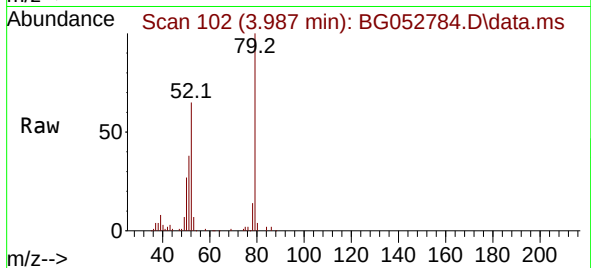
Tgt Ion: 88 Resp: 47546
Ion Ratio Lower Upper
88 100
58 79.3 58.2 87.2
43 38.2 23.4 35.0





#3
Pyridine
Concen: 30.485 ng
RT: 3.987 min Scan# 104
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

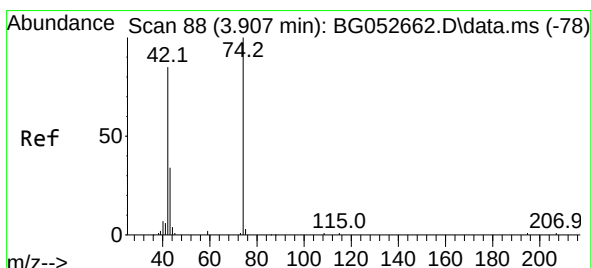
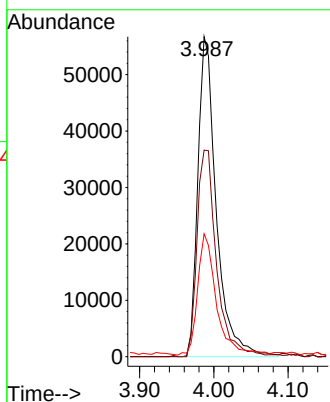
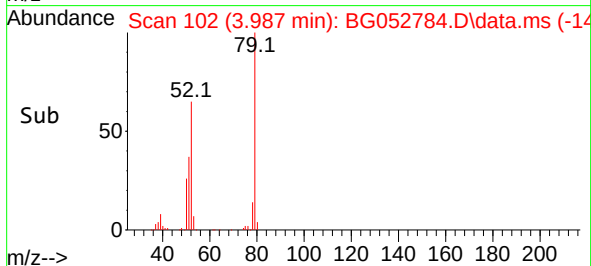
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion: 79 Resp: 97940
Ion Ratio Lower Upper
79 100
52 64.5 50.9 76.3
51 38.4 24.4 36.6

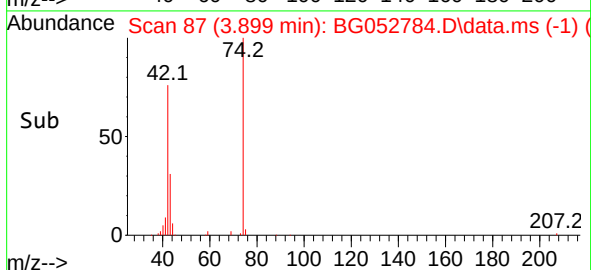
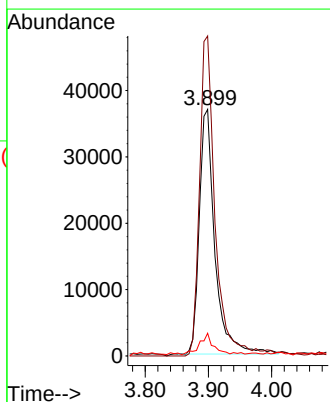
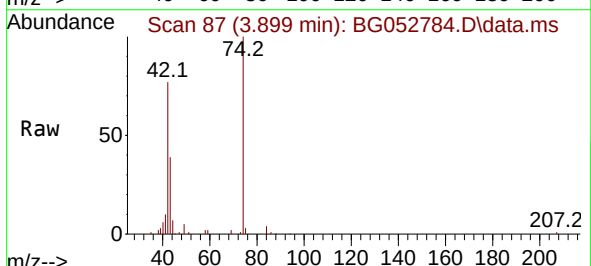
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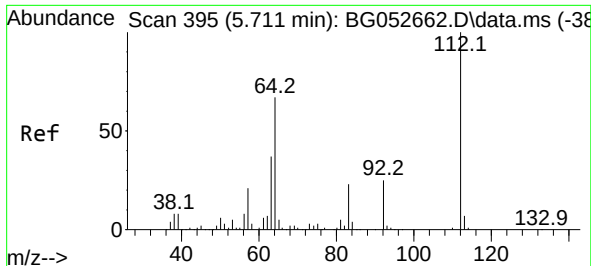
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#4
n-Nitrosodimethylamine
Concen: 44.499 ng
RT: 3.899 min Scan# 87
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion: 42 Resp: 63420
Ion Ratio Lower Upper
42 100
74 129.8 108.9 163.3
44 9.2 5.7 8.5





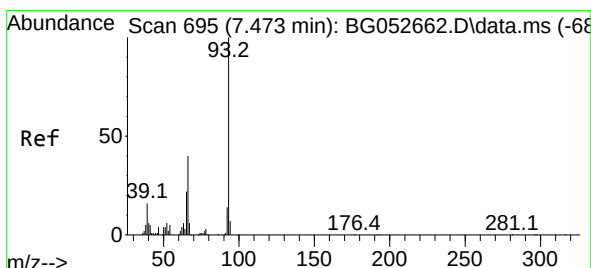
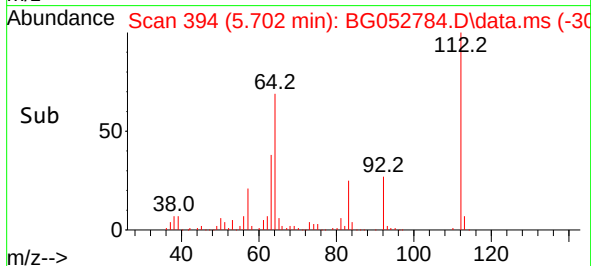
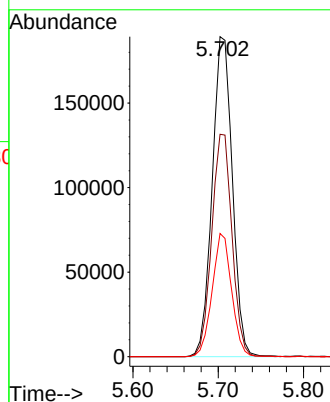
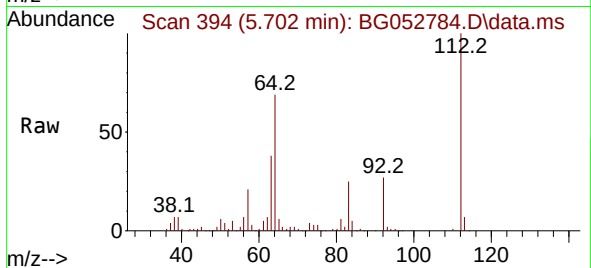
#5
2-Fluorophenol
Concen: 123.925 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:112 Resp: 31048
Ion Ratio Lower Upper
112 100
64 69.5 48.0 72.0
63 38.5 26.5 39.7

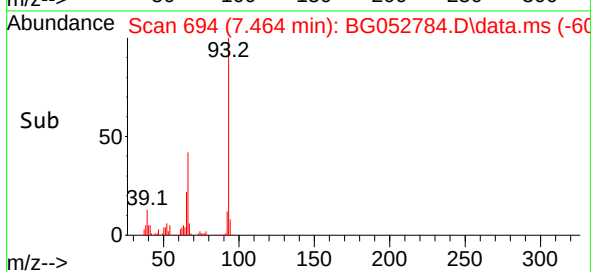
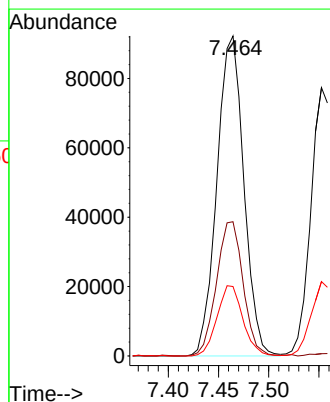
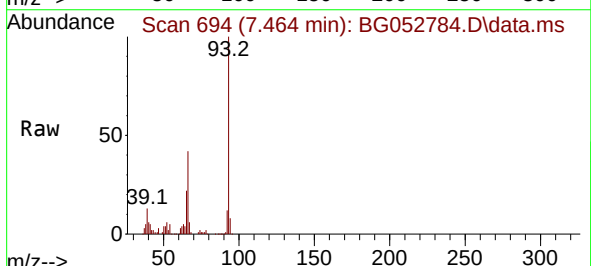
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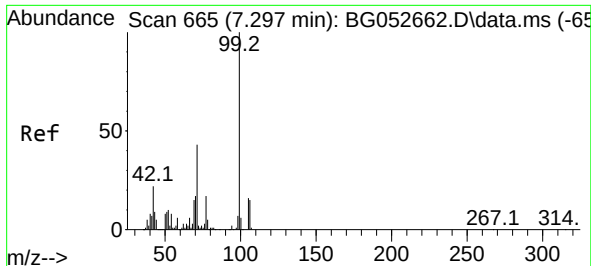
Reviewed By :Christian Giraldo 03/23/2022
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#6
Aniline
Concen: 38.801 ng
RT: 7.464 min Scan# 694
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion: 93 Resp: 171847
Ion Ratio Lower Upper
93 100
66 42.0 31.3 46.9
65 21.7 16.7 25.1





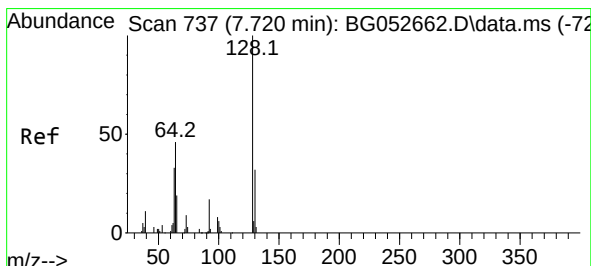
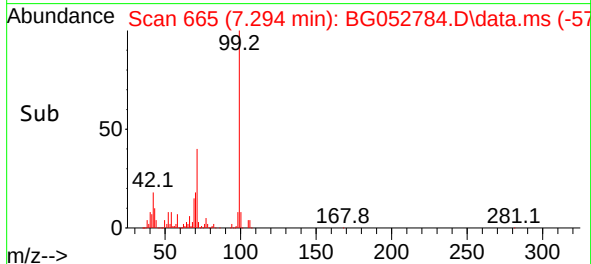
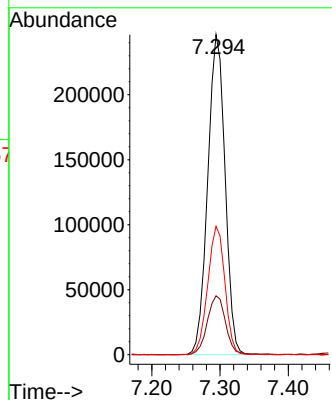
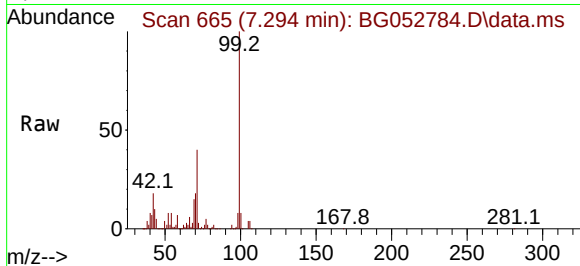
#7
Phenol-d6
Concen: 115.103 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion: 99 Resp: 43476
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 40.1 29.2 43.8

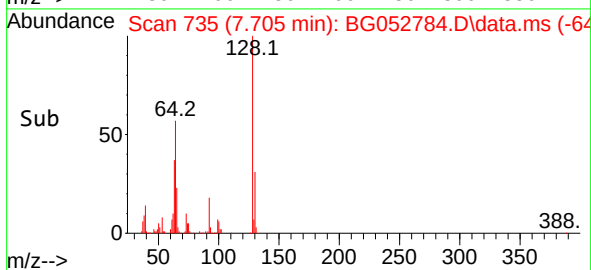
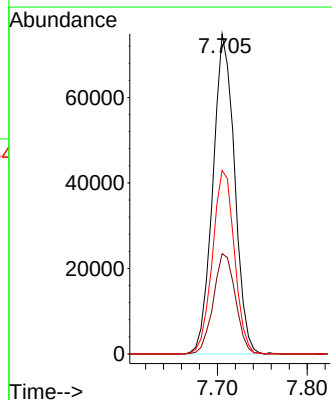
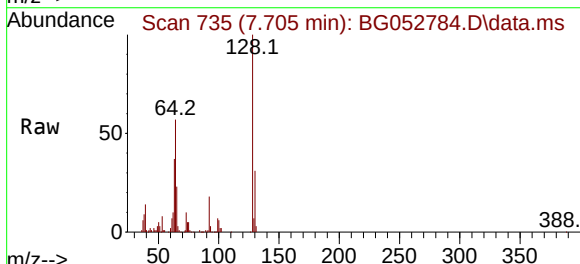
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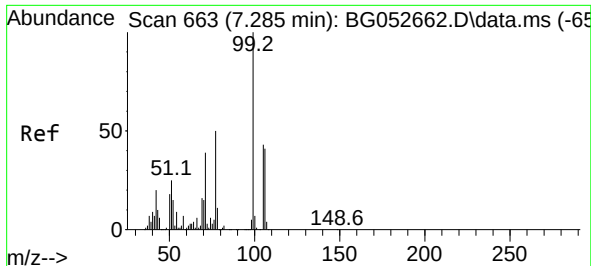
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#8
2-Chlorophenol
Concen: 47.679 ng
RT: 7.705 min Scan# 735
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:128 Resp: 125519
Ion Ratio Lower Upper
128 100
130 31.4 13.4 53.4
64 57.3 30.9 70.9





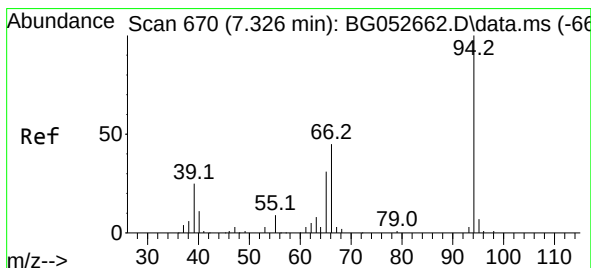
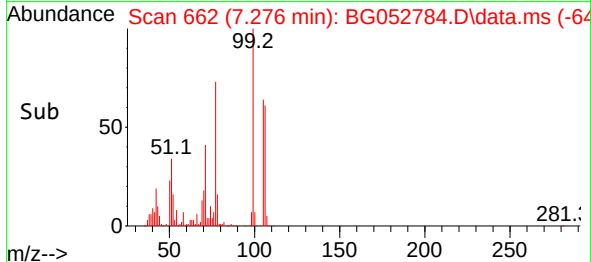
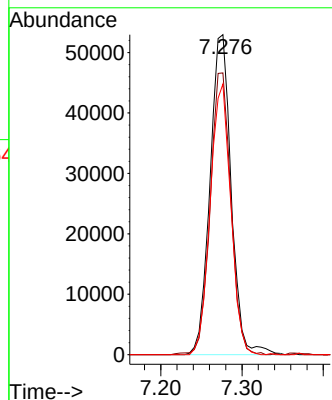
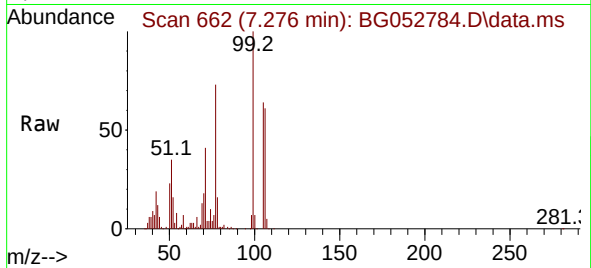
#9
Benzaldehyde
Concen: 48.517 ng
RT: 7.276 min Scan# 662
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion: 77 Resp: 95848
Ion Ratio Lower Upper
77 100
105 88.0 70.6 110.6
106 84.6 67.6 107.6

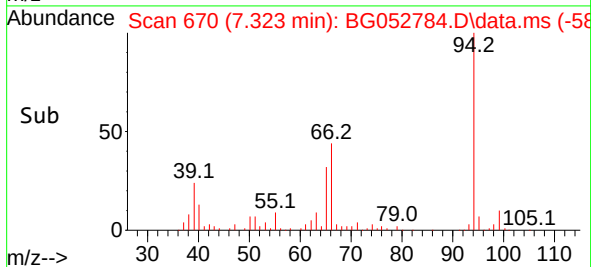
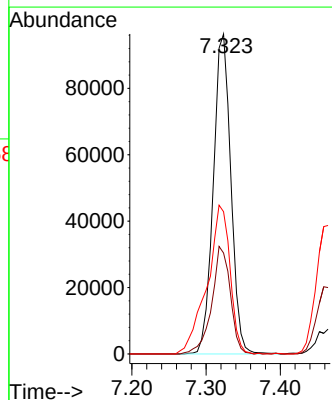
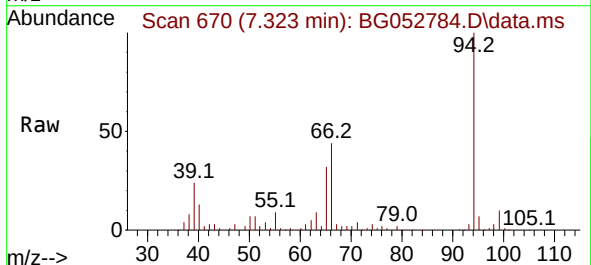
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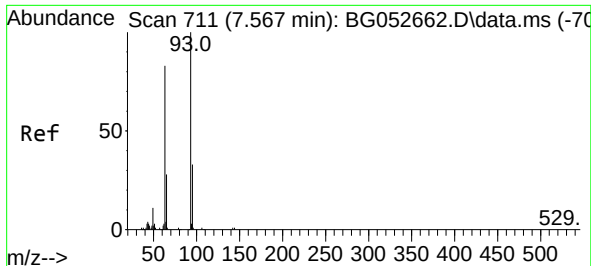
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#10
Phenol
Concen: 42.471 ng
RT: 7.323 min Scan# 670
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

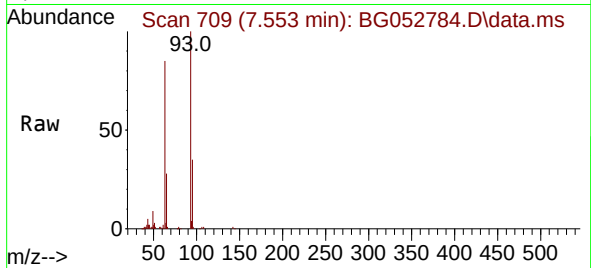
Tgt Ion: 94 Resp: 158354
Ion Ratio Lower Upper
94 100
65 31.5 11.1 51.1
66 44.4 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.130 ng
RT: 7.553 min Scan# 709
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

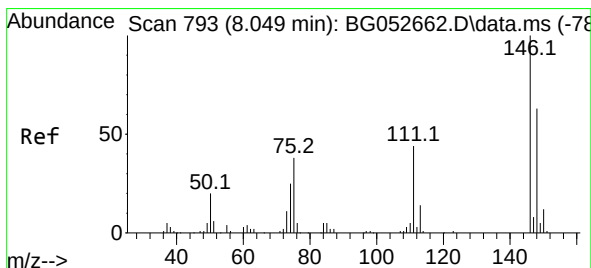
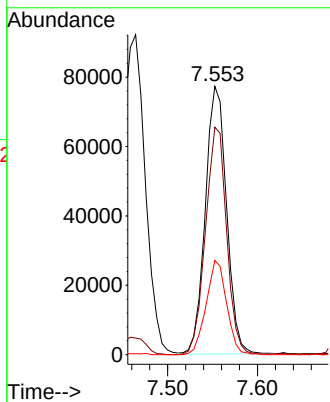
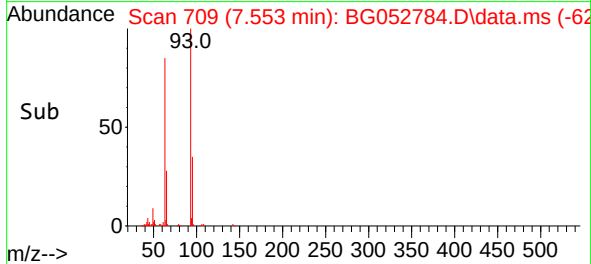
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion: 93 Resp: 12707
Ion Ratio Lower Upper
93 100
63 84.8 56.9 96.9
95 35.1 14.5 54.5

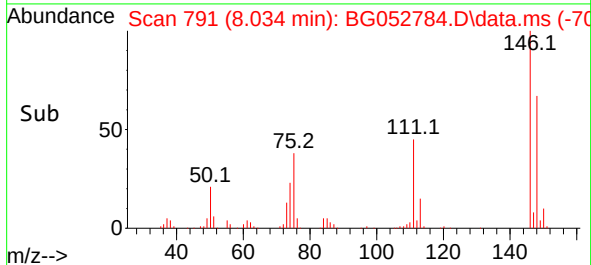
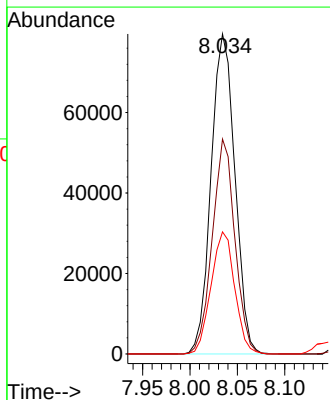
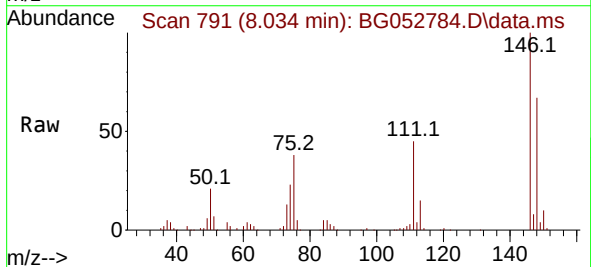
Manual Integrations
APPROVED

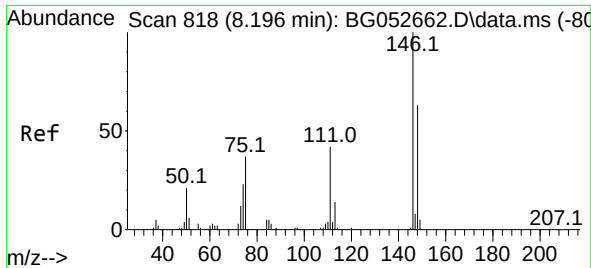
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#12
1,3-Dichlorobenzene
Concen: 43.858 ng
RT: 8.034 min Scan# 791
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:146 Resp: 139017
Ion Ratio Lower Upper
146 100
148 67.2 50.6 76.0
75 38.1 25.9 38.9





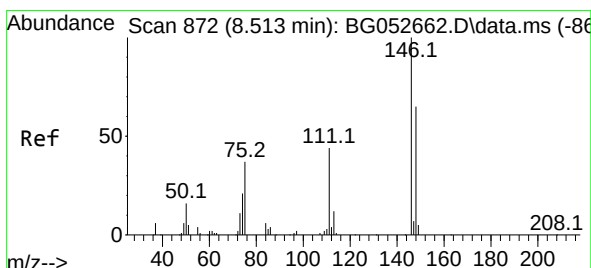
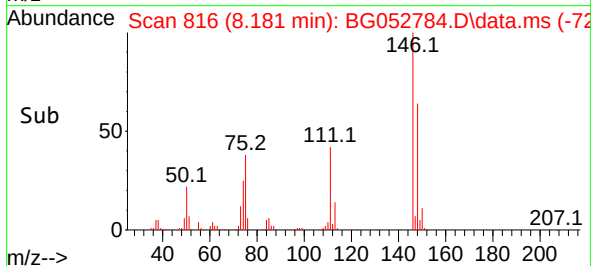
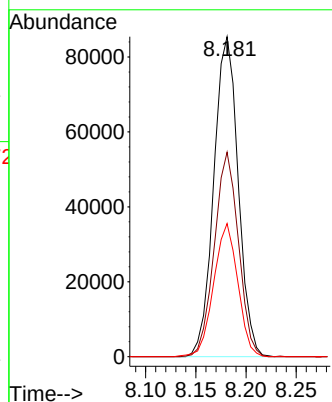
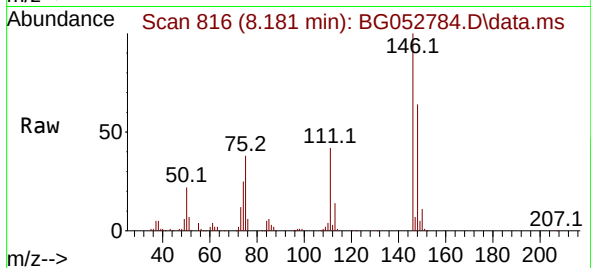
#13
1,4-Dichlorobenzene
Concen: 45.298 ng
RT: 8.181 min Scan# 811
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:146 Resp: 144260
Ion Ratio Lower Upper
146 100
148 63.9 50.0 75.0
111 41.6 31.0 46.4

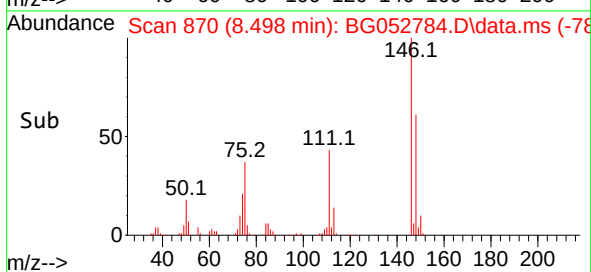
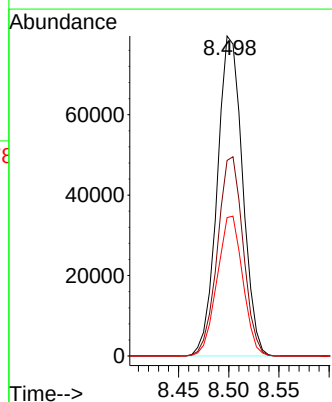
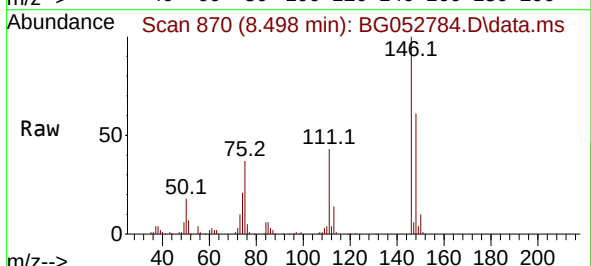
Manual Integrations
APPROVED

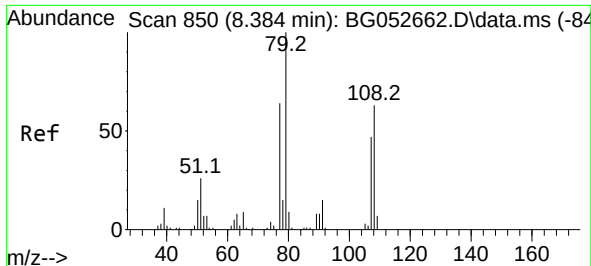
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#14
1,2-Dichlorobenzene
Concen: 46.350 ng
RT: 8.498 min Scan# 870
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

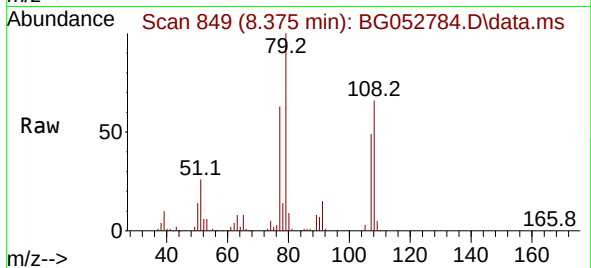
Tgt Ion:146 Resp: 139603
Ion Ratio Lower Upper
146 100
148 61.1 51.0 76.6
111 43.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 45.908 ng
RT: 8.375 min Scan# 849
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

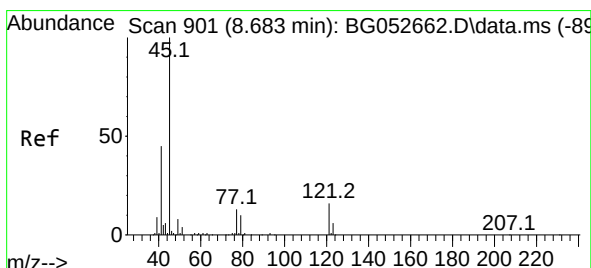
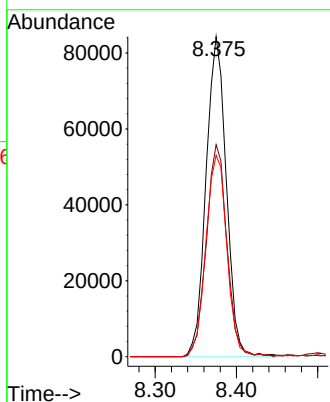
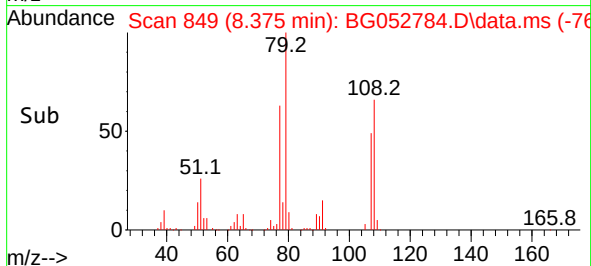
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion: 79 Resp: 146004
Ion Ratio Lower Upper
79 100
108 66.2 55.1 82.7
77 62.9 52.4 78.6

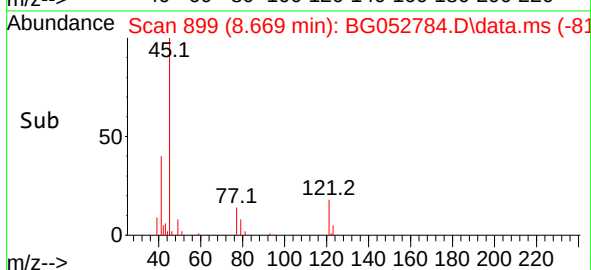
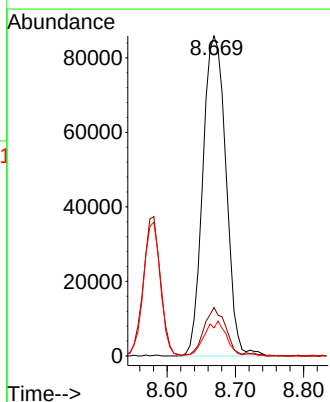
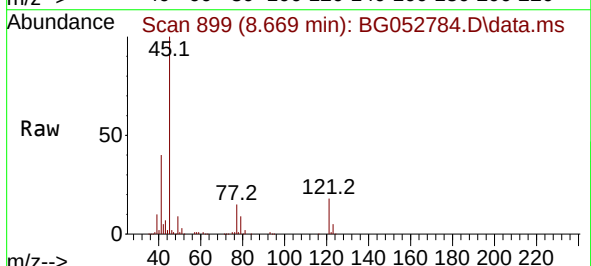
Manual Integrations
APPROVED

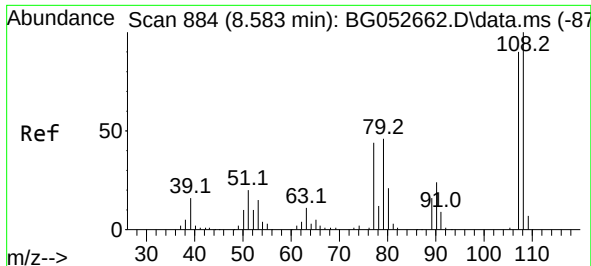
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.348 ng
RT: 8.669 min Scan# 899
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion: 45 Resp: 202747
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.9
79 8.8 0.0 30.7





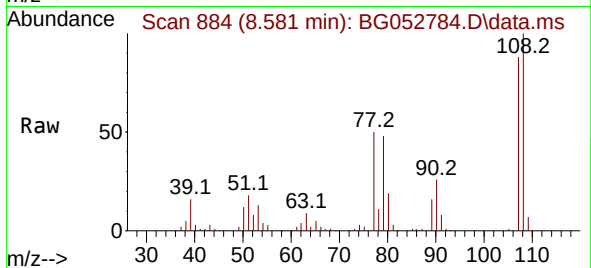
#17
2-Methylphenol
Concen: 46.593 ng
RT: 8.581 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :

BNA_G

ClientSampleId :

B-3MS

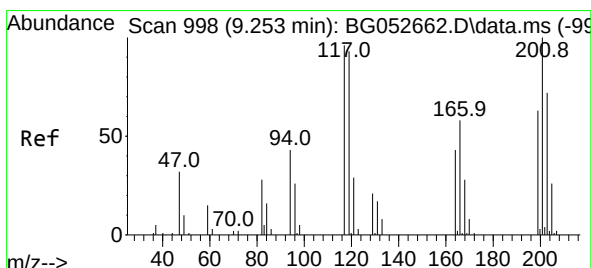
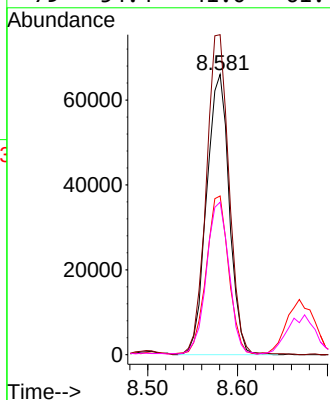
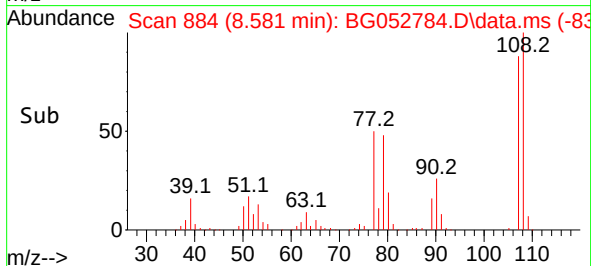


Tgt Ion:107 Resp: 11581
Ion Ratio Lower Upper
107 100
108 114.2 91.5 137.3
77 56.6 42.5 63.7
79 54.4 41.0 61.4

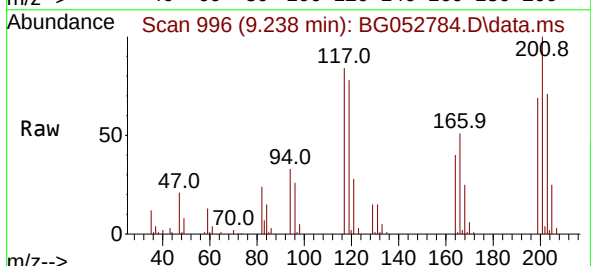
Manual Integrations

APPROVED

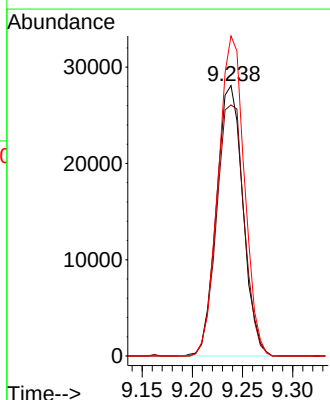
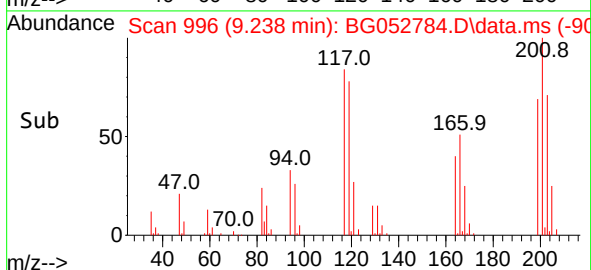
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

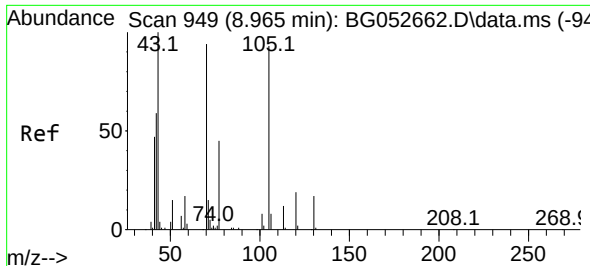


#18
Hexachloroethane
Concen: 44.126 ng
RT: 9.238 min Scan# 996
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



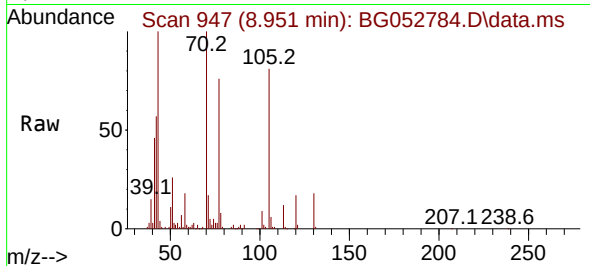
Tgt Ion:117 Resp: 51559
Ion Ratio Lower Upper
117 100
119 92.9 75.1 112.7
201 118.4 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.195 ng
RT: 8.951 min Scan# 947
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

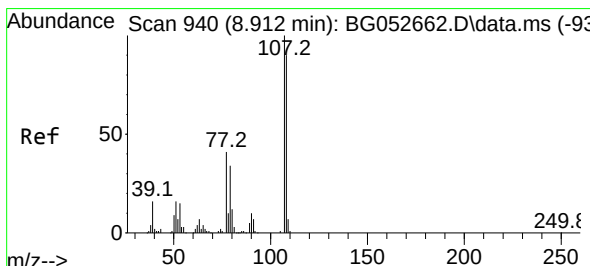
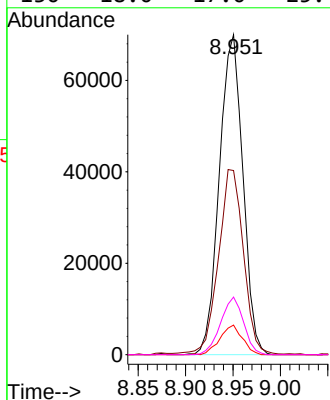
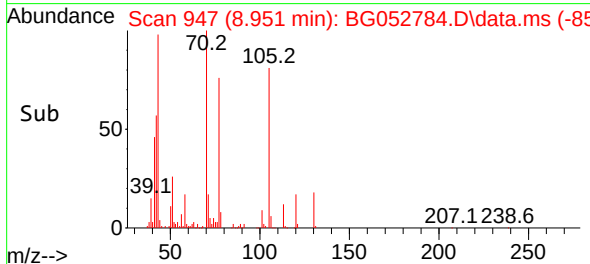
Instrument :
BNA_G
ClientSampleId :
B-3MS



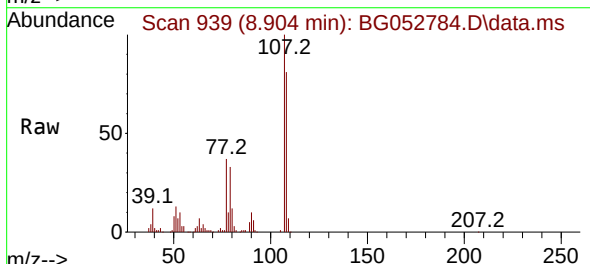
Tgt Ion: 70 Resp: 120904
Ion Ratio Lower Upper
70 100
42 57.6 46.0 69.0
101 9.2 6.2 9.4
130 18.0 17.0 25.4

Manual Integrations
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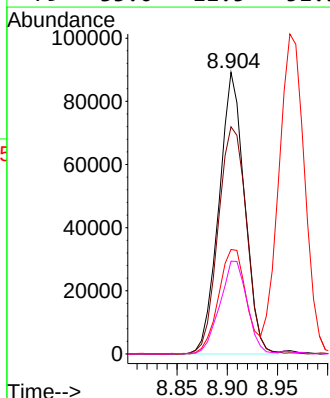
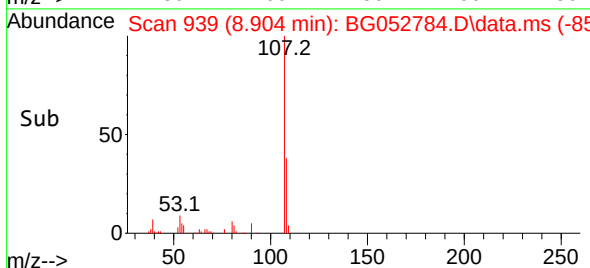
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

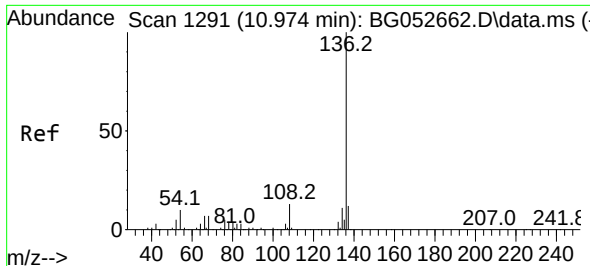


#20
3+4-Methylphenols
Concen: 45.614 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



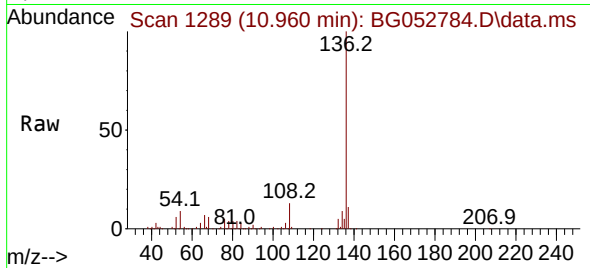
Tgt Ion:107 Resp: 158670
Ion Ratio Lower Upper
107 100
108 80.7 64.8 104.8
77 37.1 15.9 55.9
79 33.0 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 1291
Delta R.T. -0.014 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

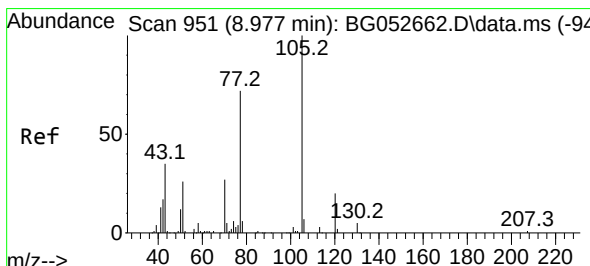
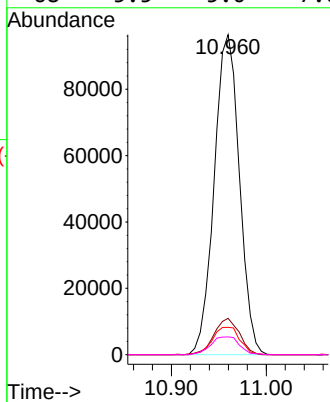
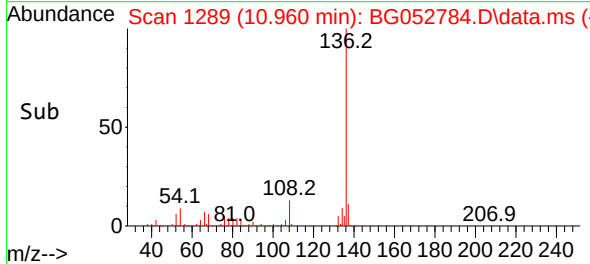
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:136 Resp: 177912
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 8.6 6.4 9.6
68 5.5 5.0 7.6

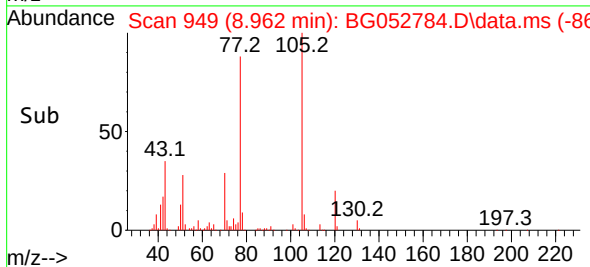
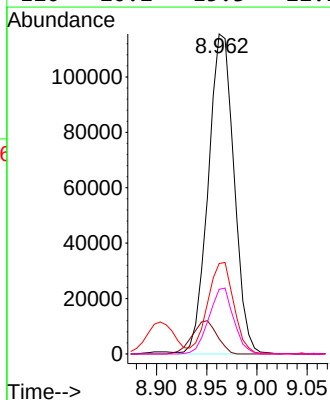
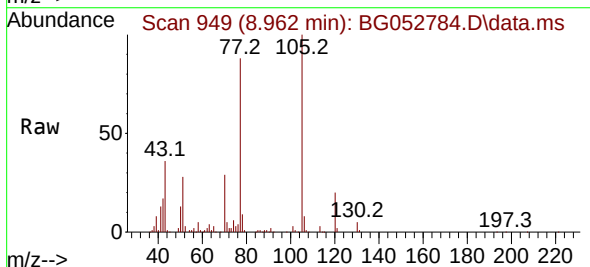
Manual Integrations
APPROVED

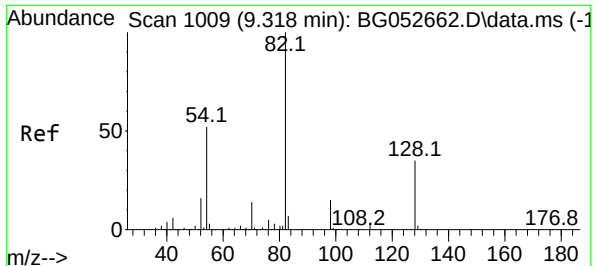
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#22
Acetophenone
Concen: 44.805 ng
RT: 8.962 min Scan# 949
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

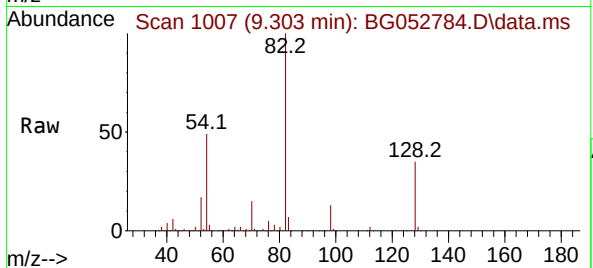
Tgt Ion:105 Resp: 206284
Ion Ratio Lower Upper
105 100
71 4.7 2.1 3.1#
51 28.2 21.9 32.9
120 20.2 15.3 22.9





#23
Nitrobenzene-d5
Concen: 96.158 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

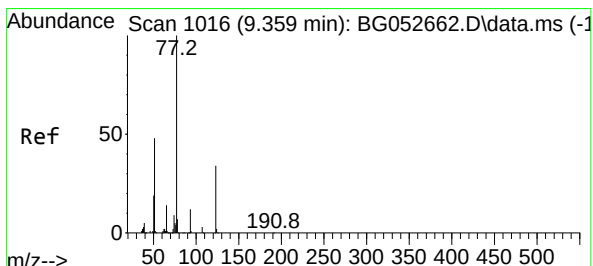
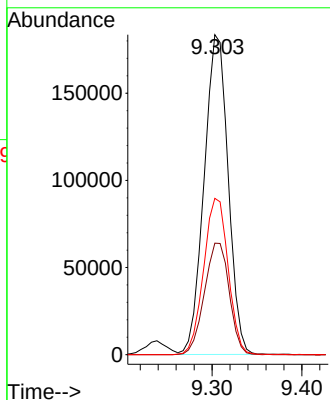
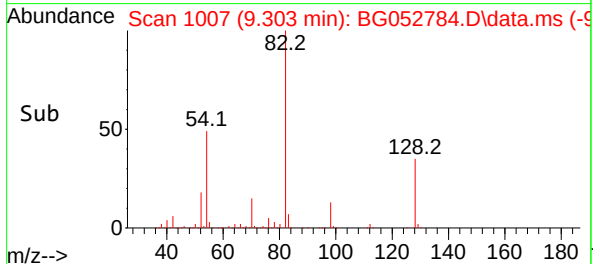
Instrument :
BNA_G
ClientSampleId :
B-3MS



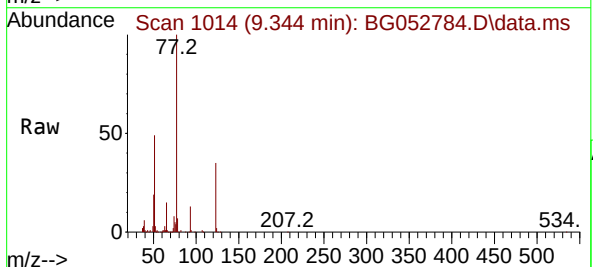
Tgt Ion: 82 Resp: 340850
Ion Ratio Lower Upper
82 100
128 34.9 31.3 46.9
54 48.8 37.8 56.8

Manual Integrations
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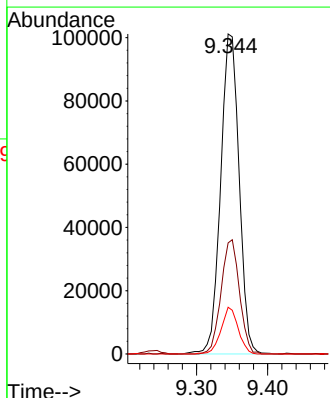
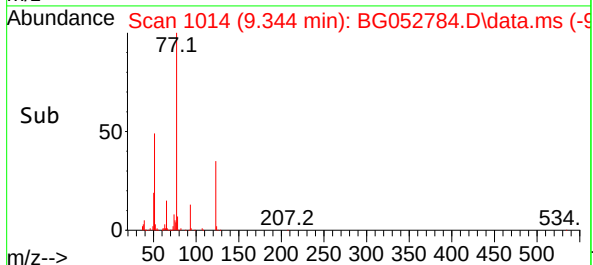
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

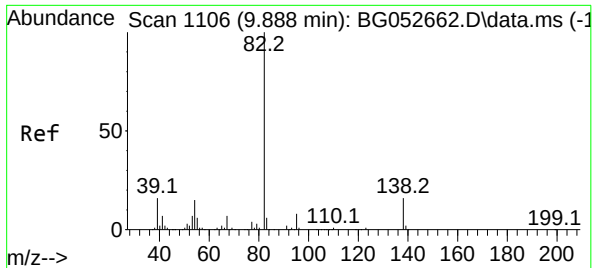


#24
Nitrobenzene
Concen: 51.338 ng
RT: 9.344 min Scan# 1014
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



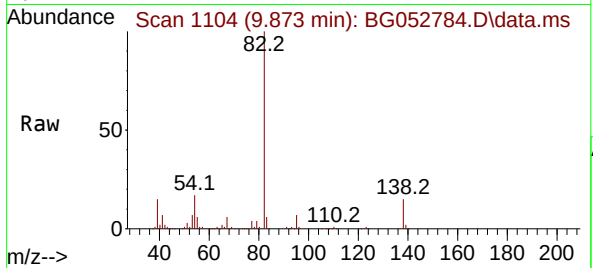
Tgt Ion: 77 Resp: 182083
Ion Ratio Lower Upper
77 100
123 34.7 34.4 51.6
65 14.6 11.2 16.8





#25
Isophorone
Concen: 48.605 ng
RT: 9.873 min Scan# 1106
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

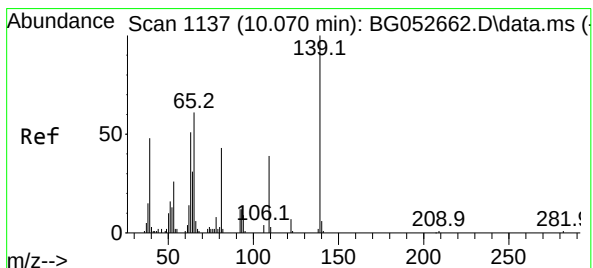
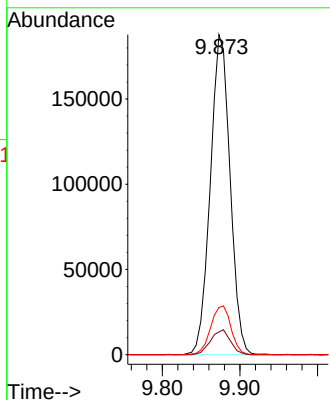
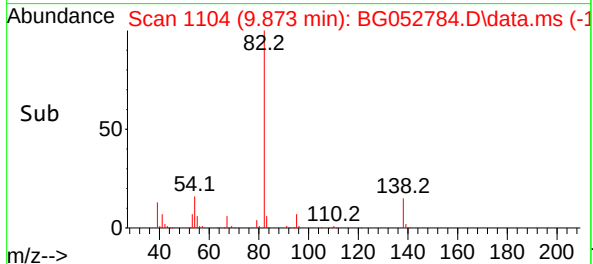
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion: 82 Resp: 333614
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 14.8 12.6 18.8

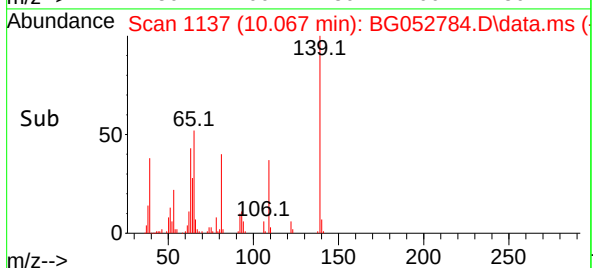
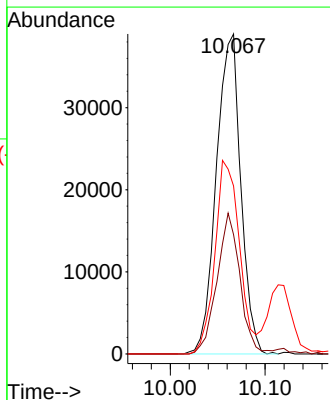
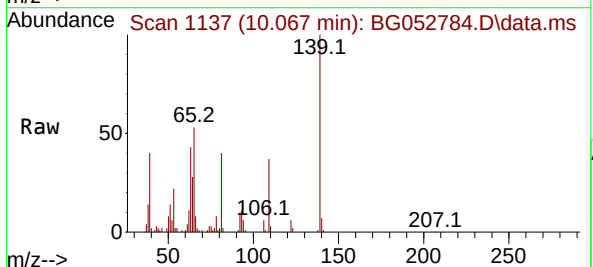
Manual Integrations
APPROVED

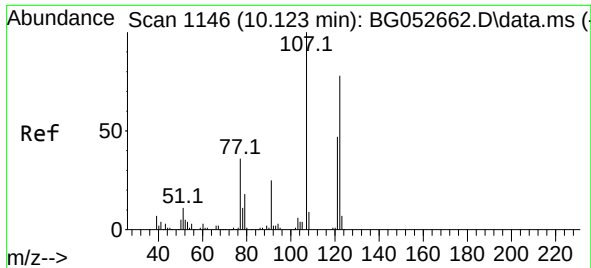
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#26
2-Nitrophenol
Concen: 56.749 ng
RT: 10.067 min Scan# 1137
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

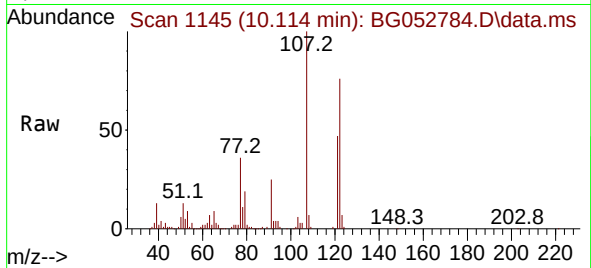
Tgt Ion:139 Resp: 69897
Ion Ratio Lower Upper
139 100
109 37.3 29.4 44.0
65 52.5 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 48.437 ng
RT: 10.114 min Scan# 1145
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

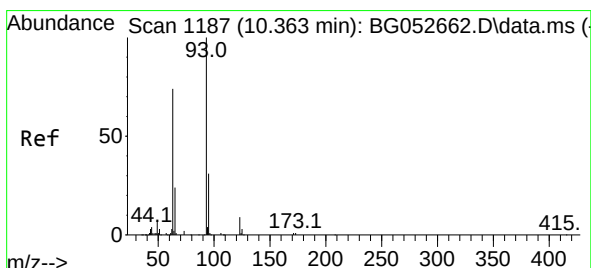
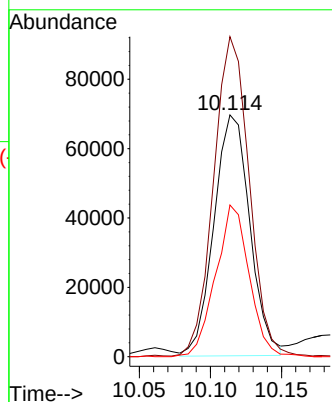
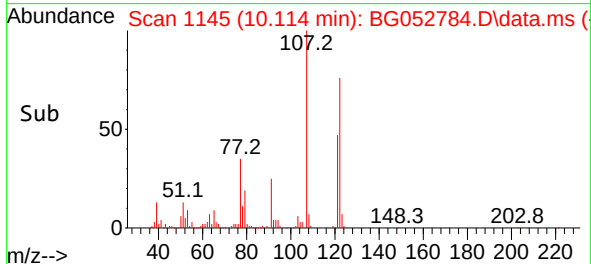
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:122 Resp: 12205
Ion Ratio Lower Upper
122 100
107 132.4 96.7 145.1
121 62.8 46.3 69.5

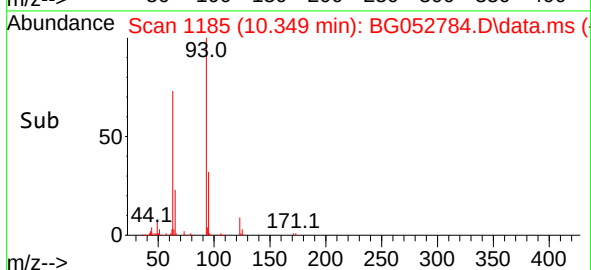
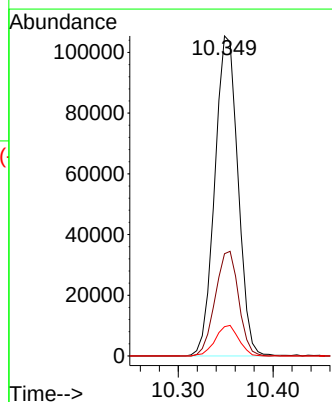
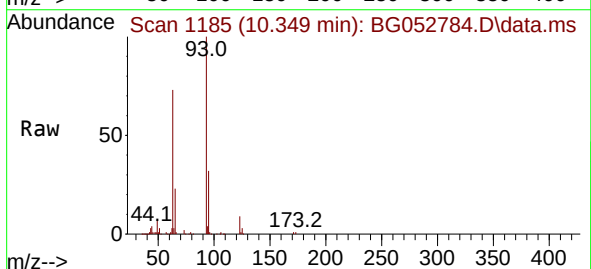
Manual Integrations
APPROVED

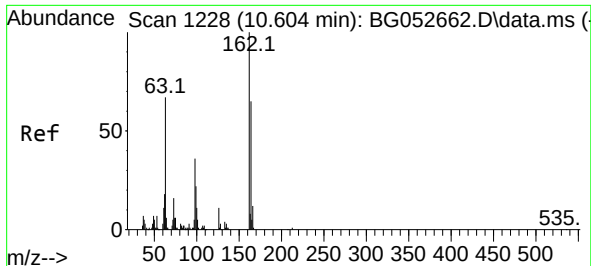
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.134 ng
RT: 10.349 min Scan# 1185
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

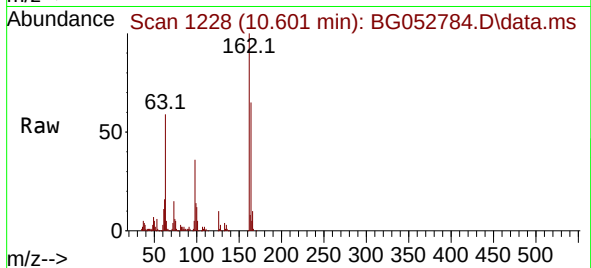
Tgt Ion: 93 Resp: 179115
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 9.2 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 48.006 ng
RT: 10.601 min Scan# 1228
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

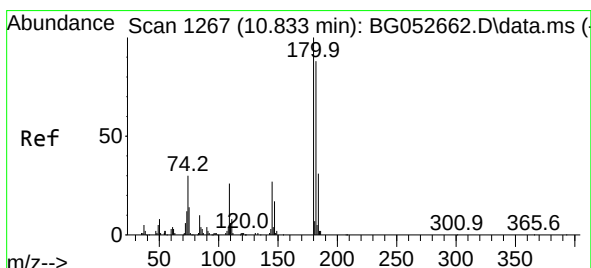
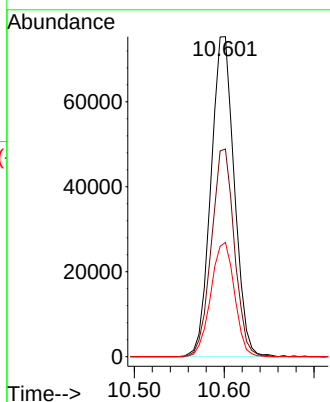
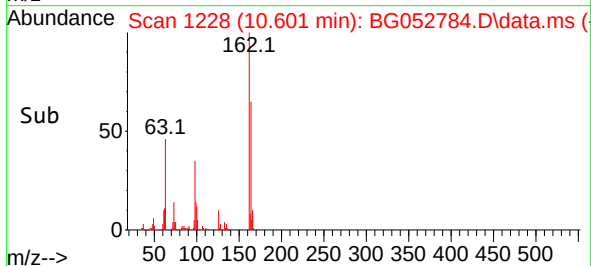
Instrument :
BNA_G
ClientSampleId :
B-3MS



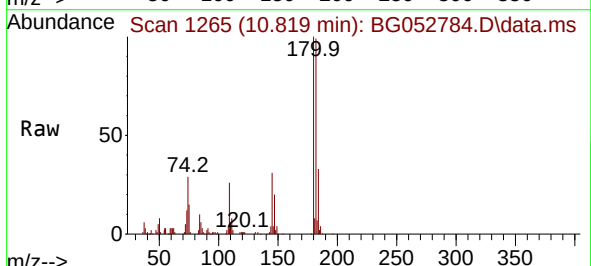
Tgt Ion:162 Resp: 13611
Ion Ratio Lower Upper
162 100
164 64.9 44.0 84.0
98 35.7 17.3 57.3

Manual Integrations
APPROVED

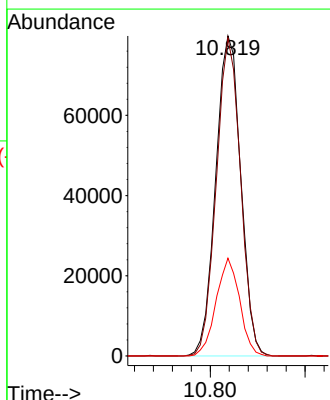
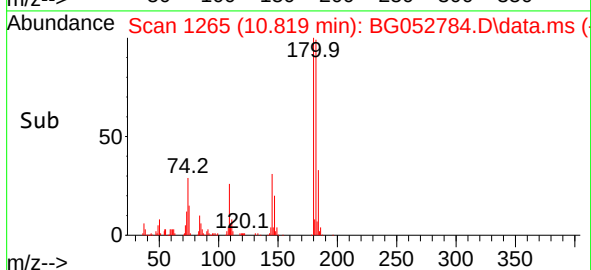
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

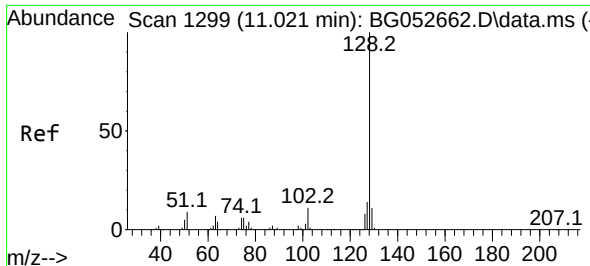


#30
1,2,4-Trichlorobenzene
Concen: 43.795 ng
RT: 10.819 min Scan# 1265
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



Tgt Ion:180 Resp: 146488
Ion Ratio Lower Upper
180 100
182 99.4 77.8 116.6
145 30.6 24.4 36.6





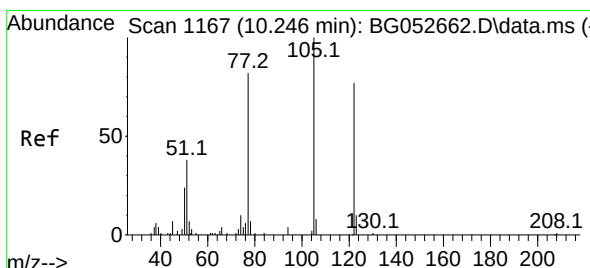
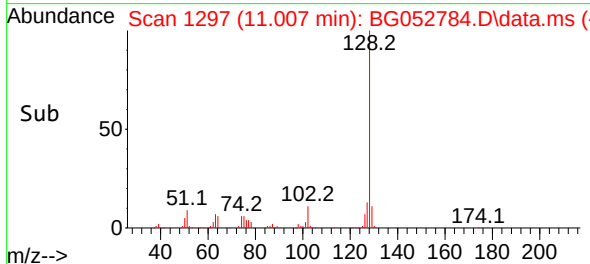
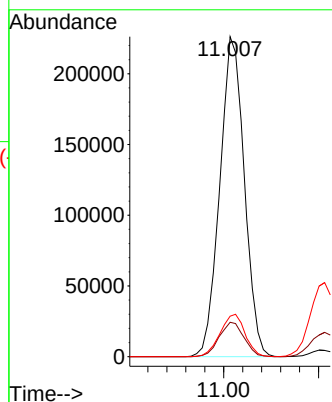
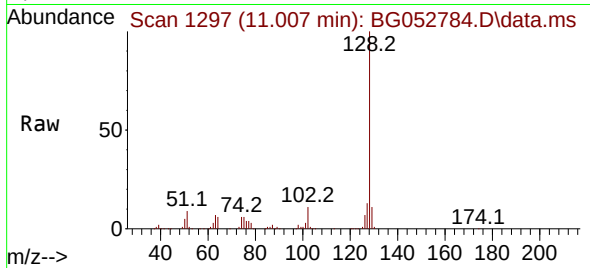
#31
Naphthalene
Concen: 44.218 ng
RT: 11.007 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:128 Resp: 40681
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.7 10.5 15.7

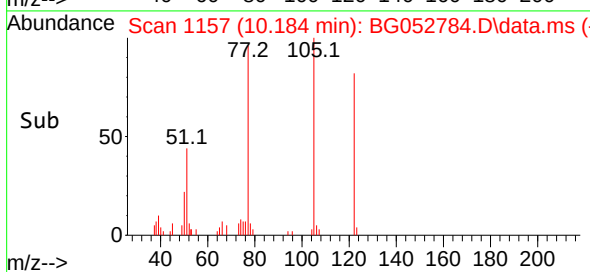
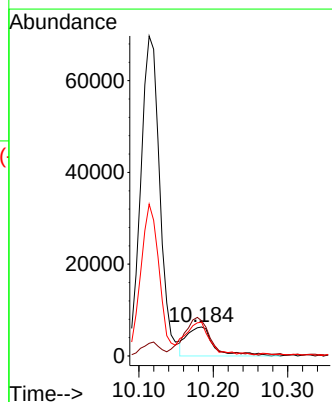
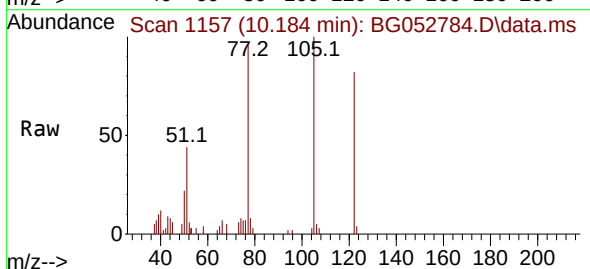
Manual Integrations
APPROVED

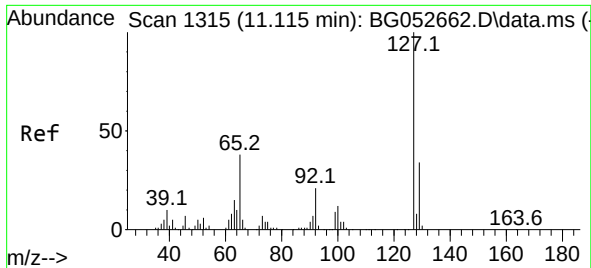
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#32
Benzoic acid
Concen: 13.171 ng m
RT: 10.184 min Scan# 1157
Delta R.T. -0.062 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:122 Resp: 15911
Ion Ratio Lower Upper
122 100
105 121.9 112.8 152.8
77 117.0 78.4 118.4





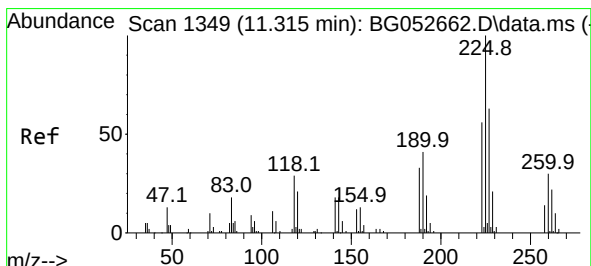
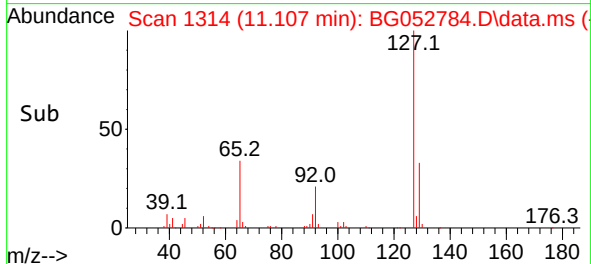
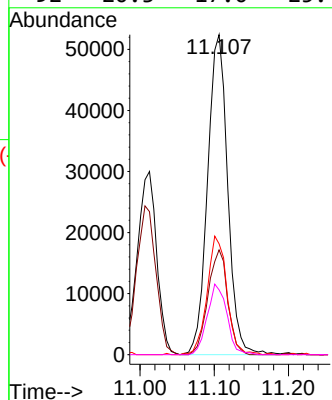
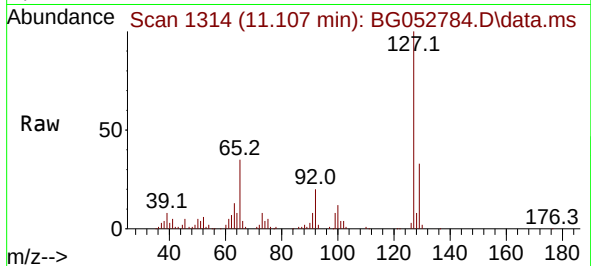
#33
4-Chloroaniline
Concen: 25.341 ng
RT: 11.107 min Scan# 1110
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:127 Resp: 9881
Ion Ratio Lower Upper
127 100
129 32.8 27.6 41.4
65 34.7 28.2 42.4
92 20.3 17.0 25.4

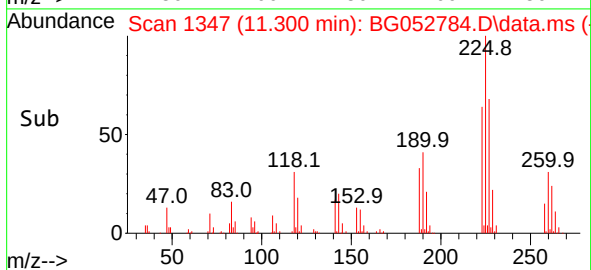
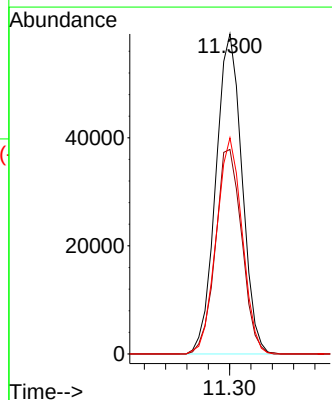
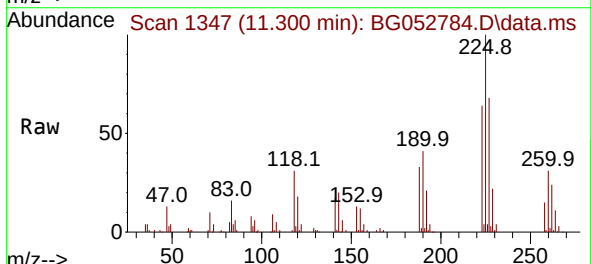
Manual Integrations
APPROVED

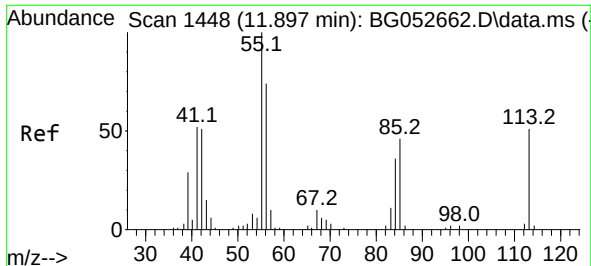
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#34
Hexachlorobutadiene
Concen: 42.095 ng
RT: 11.300 min Scan# 1347
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:225 Resp: 100950
Ion Ratio Lower Upper
225 100
223 63.9 50.2 75.2
227 67.5 52.0 78.0





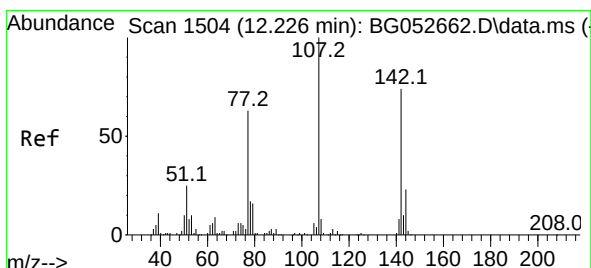
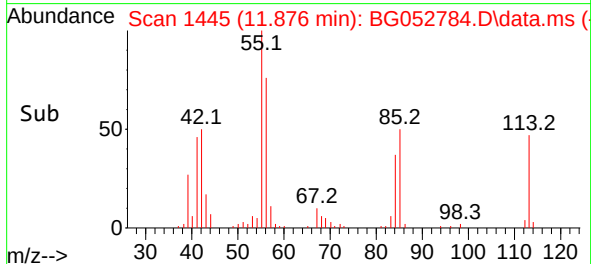
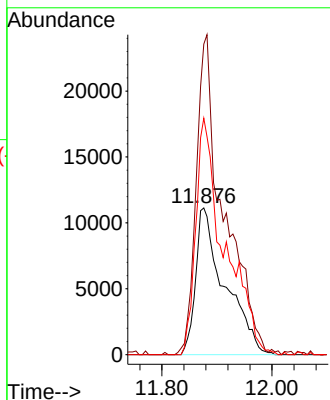
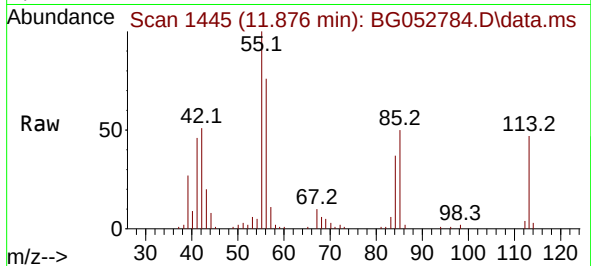
#35
Caprolactam
Concen: 52.882 ng
RT: 11.876 min Scan# 1445
Delta R.T. -0.021 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:113 Resp: 4094
Ion Ratio Lower Upper
113 100
55 211.7 151.3 191.3
56 161.3 128.5 168.5

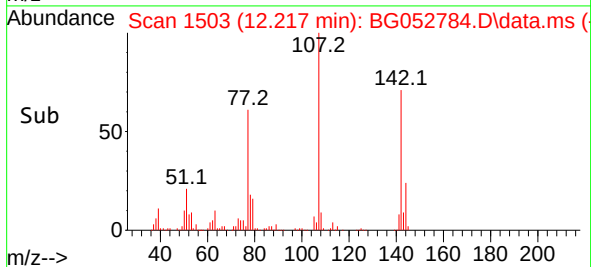
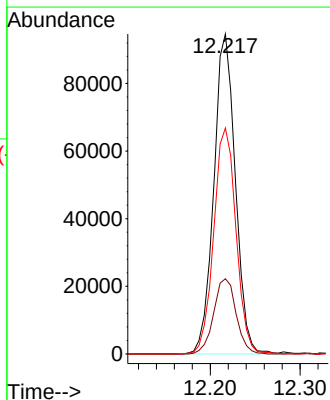
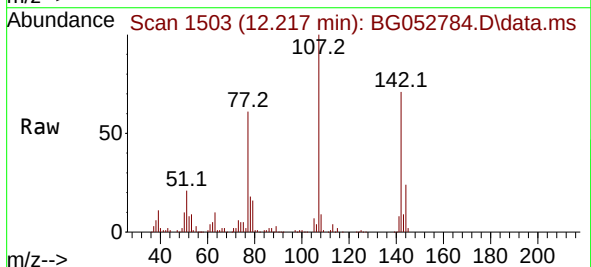
Manual Integrations
APPROVED

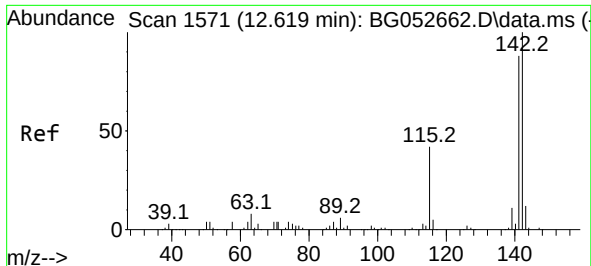
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#36
4-Chloro-3-methylphenol
Concen: 47.844 ng
RT: 12.217 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:107 Resp: 157528
Ion Ratio Lower Upper
107 100
144 23.5 21.4 32.0
142 70.6 61.7 92.5





#37

2-Methylnaphthalene

Concen: 43.580 ng

RT: 12.605 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG052784.D

Acq: 22 Mar 2022 14:00

Instrument :

BNA_G

ClientSampleId :

B-3MS

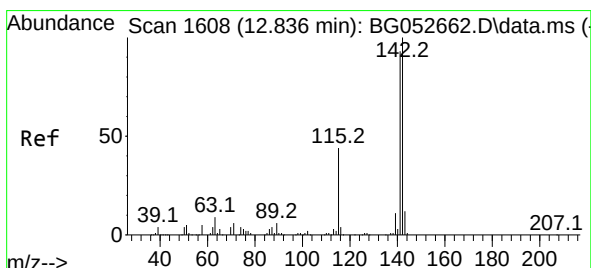
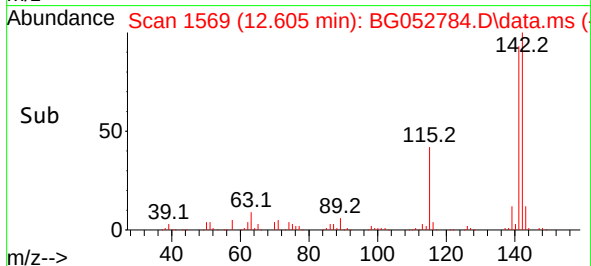
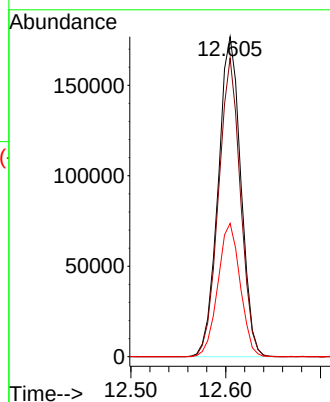
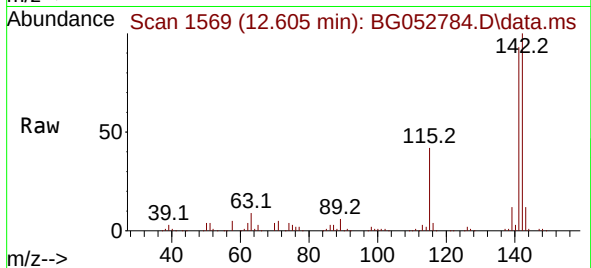
Tgt Ion:142 Resp: 29362

Ion	Ratio	Lower	Upper
142	100		
141	93.3	71.3	106.9
115	41.7	29.5	44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#38

1-Methylnaphthalene

Concen: 42.765 ng

RT: 12.822 min Scan# 1606

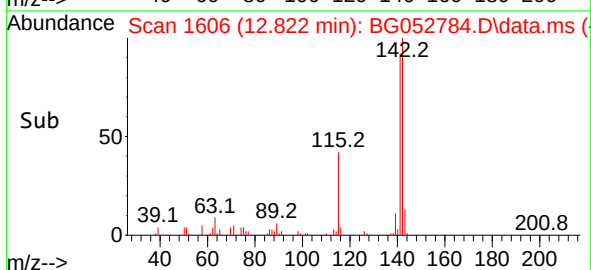
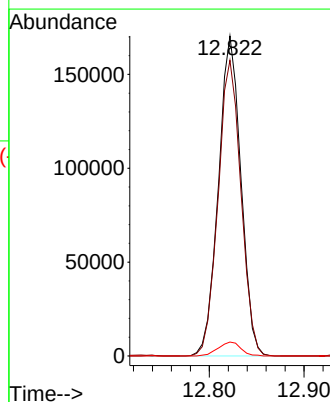
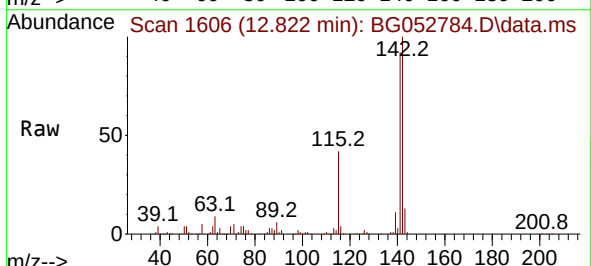
Delta R.T. -0.015 min

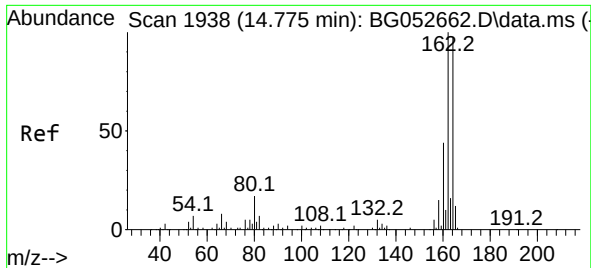
Lab File: BG052784.D

Acq: 22 Mar 2022 14:00

Tgt Ion:142 Resp: 281204

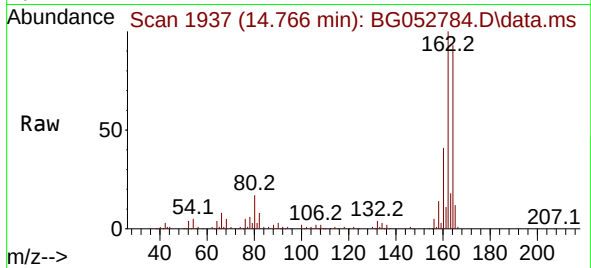
Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.5	105.7
116	4.3	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

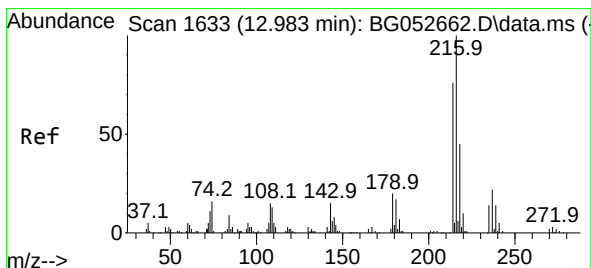
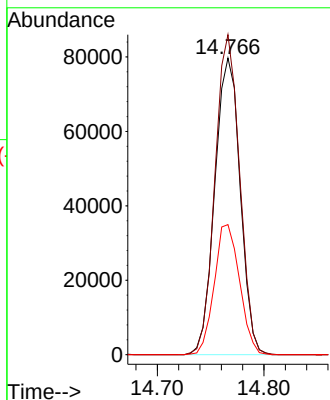
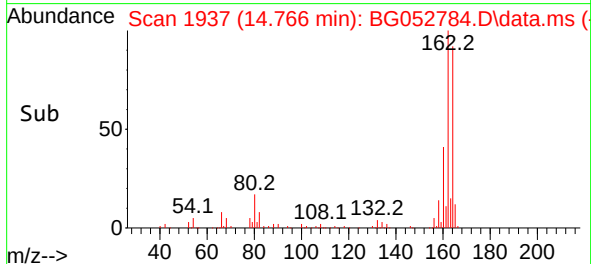
Instrument :
BNA_G
ClientSampleId :
B-3MS



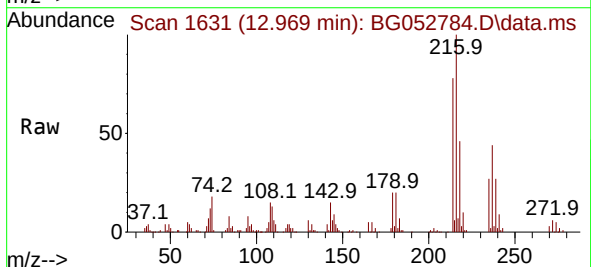
Tgt Ion:164 Resp: 131398
Ion Ratio Lower Upper
164 100
162 107.9 80.0 120.0
160 43.8 38.8 58.2

Manual Integrations
APPROVED

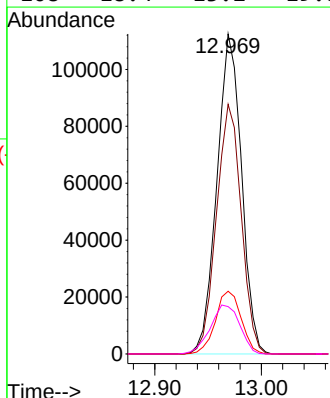
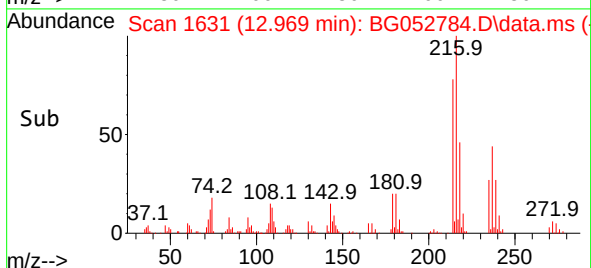
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

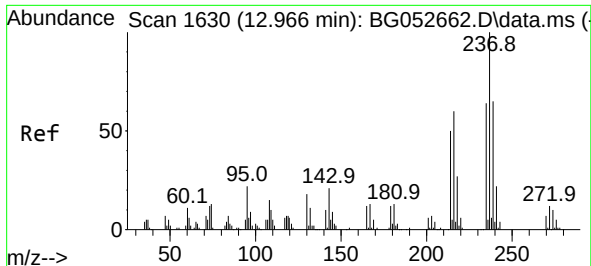


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.824 ng
RT: 12.969 min Scan# 1631
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



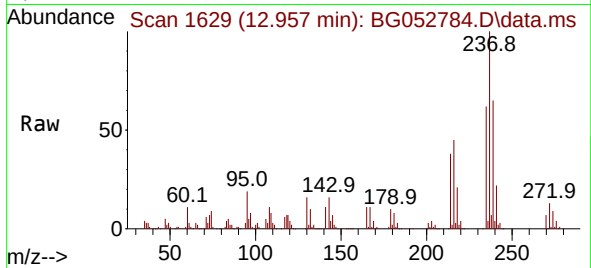
Tgt Ion:216 Resp: 179904
Ion Ratio Lower Upper
216 100
214 78.7 63.8 95.6
179 20.5 15.7 23.5
108 18.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 79.748 ng
RT: 12.957 min Scan# 1629
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

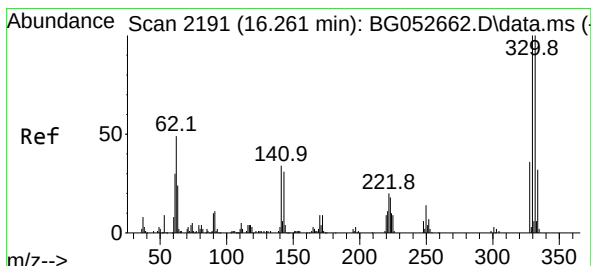
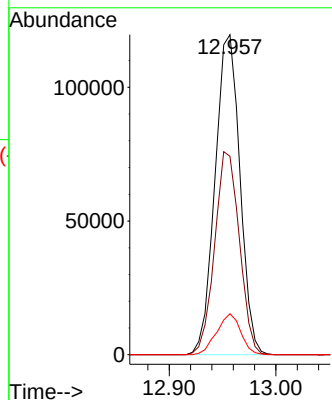
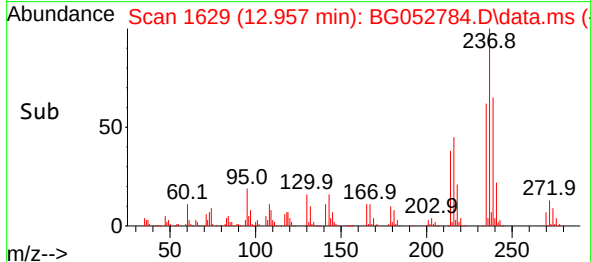
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:237 Resp: 19405
Ion Ratio Lower Upper
237 100
235 62.0 37.7 77.7
272 12.8 0.0 30.7

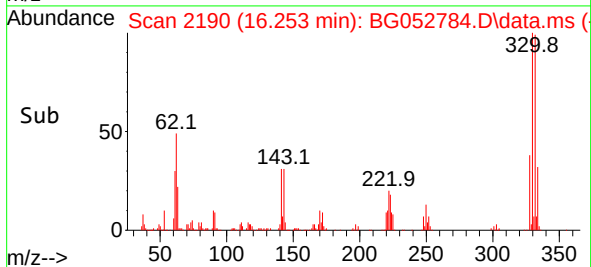
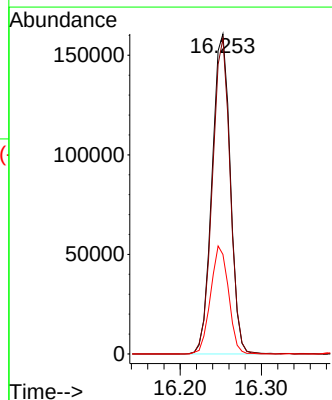
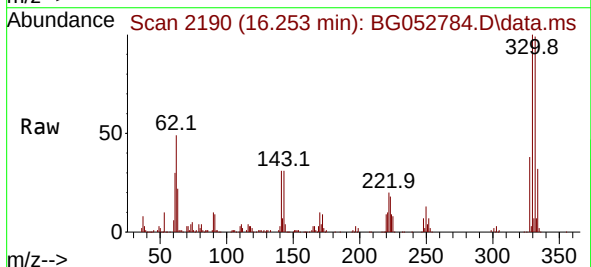
Manual Integrations
APPROVED

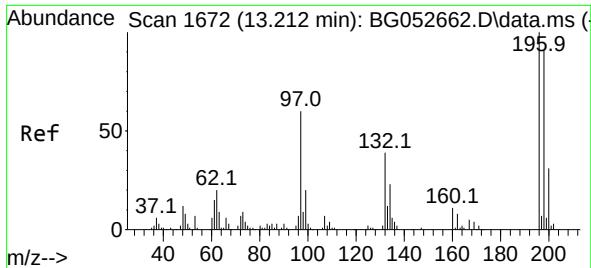
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#42
2,4,6-Tribromophenol
Concen: 141.205 ng
RT: 16.253 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

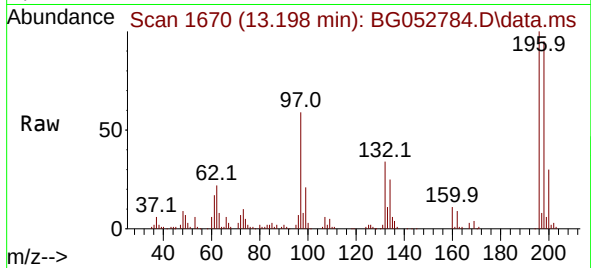
Tgt Ion:330 Resp: 249317
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 33.2 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 48.004 ng
RT: 13.198 min Scan# 1670
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

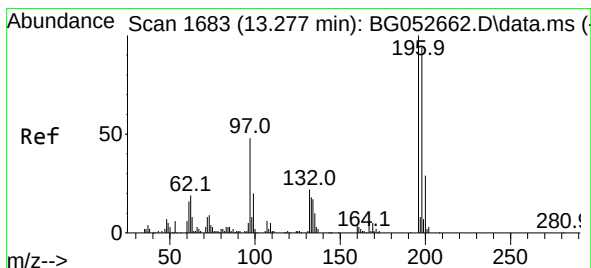
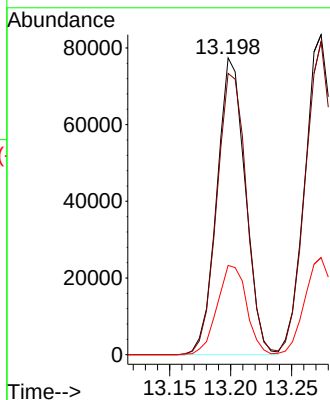
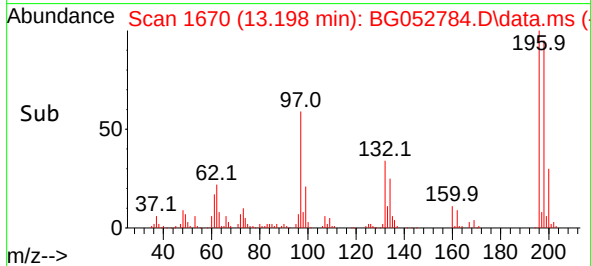
Instrument :
BNA_G
ClientSampleId :
B-3MS



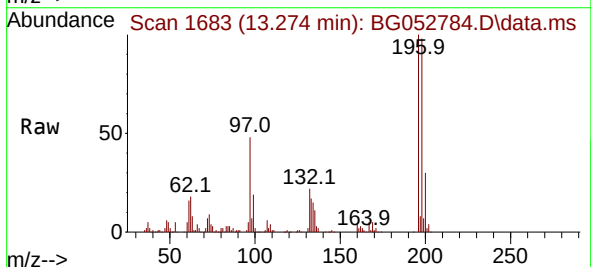
Tgt Ion:196 Resp: 126200
Ion Ratio Lower Upper
196 100
198 94.7 78.8 118.2
200 30.1 25.1 37.7

Manual Integrations
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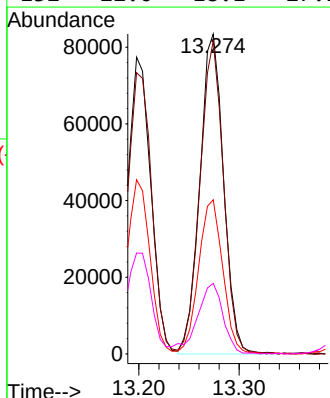
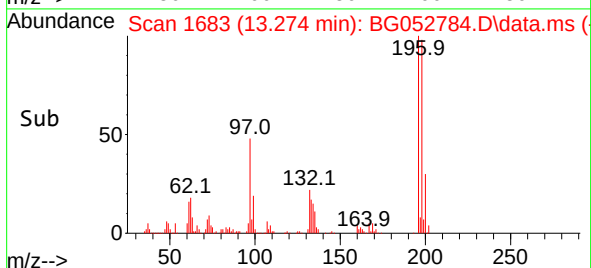
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

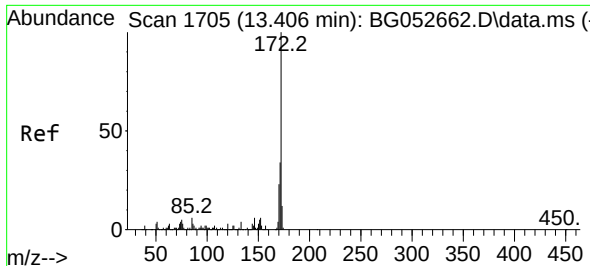


#44
2,4,5-Trichlorophenol
Concen: 51.734 ng
RT: 13.274 min Scan# 1683
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



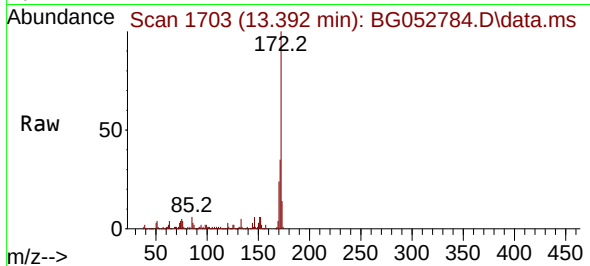
Tgt Ion:196 Resp: 138045
Ion Ratio Lower Upper
196 100
198 97.8 75.8 113.6
97 48.2 36.5 54.7
132 22.0 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 84.283 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

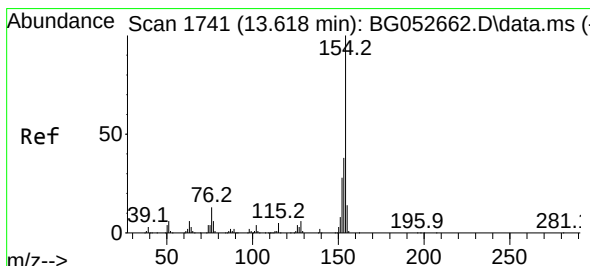
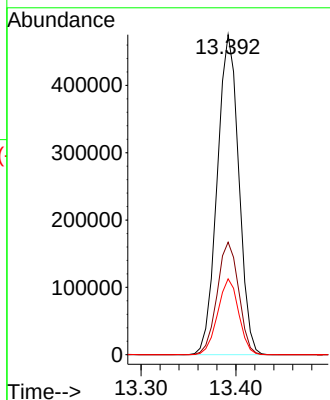
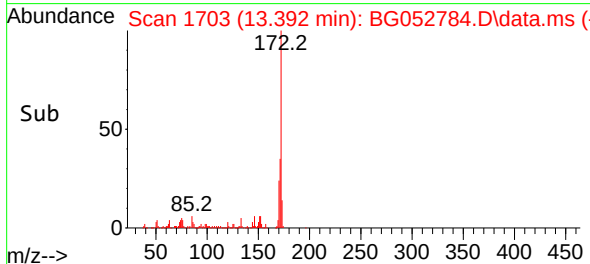
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:172 Resp: 750890
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 18.0 27.0

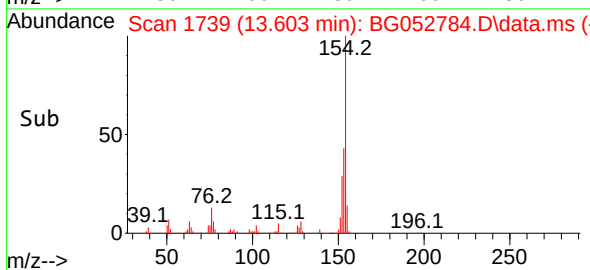
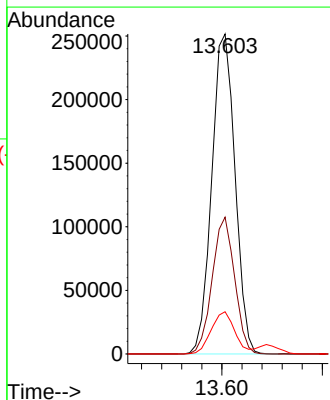
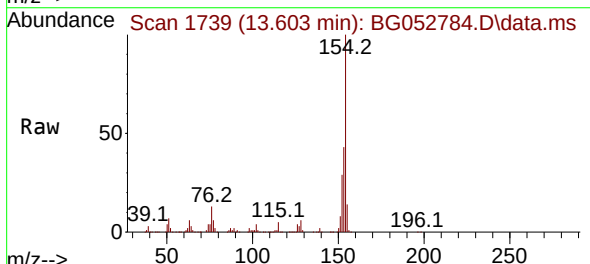
Manual Integrations
APPROVED

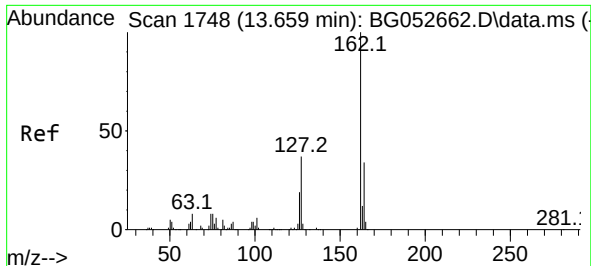
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#46
1,1'-Biphenyl
Concen: 44.010 ng
RT: 13.603 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

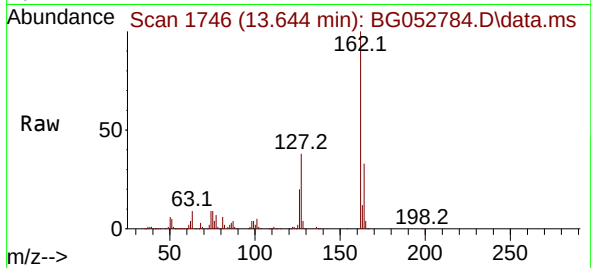
Tgt Ion:154 Resp: 404412
Ion Ratio Lower Upper
154 100
153 42.8 21.6 61.6
76 13.2 0.0 31.5





#47
2-Chloronaphthalene
Concen: 44.306 ng
RT: 13.644 min Scan# 1746
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

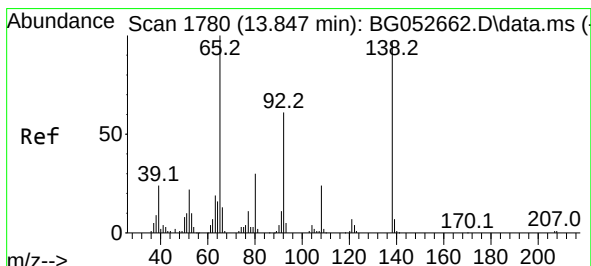
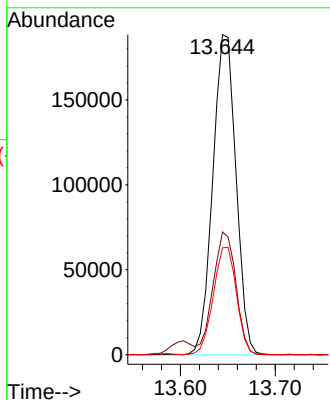
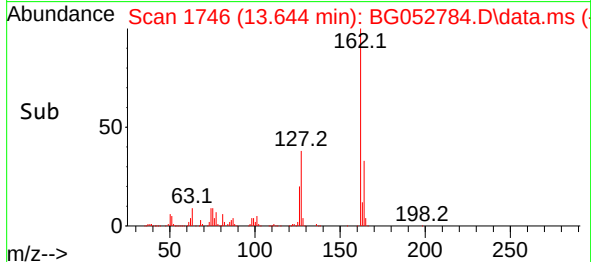
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:162 Resp: 320628
Ion Ratio Lower Upper
162 100
127 38.3 28.1 42.1
164 33.4 26.0 39.0

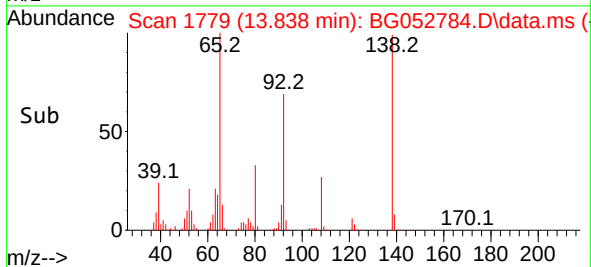
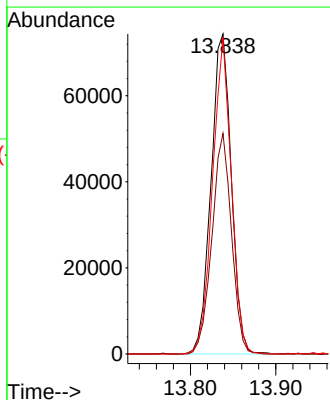
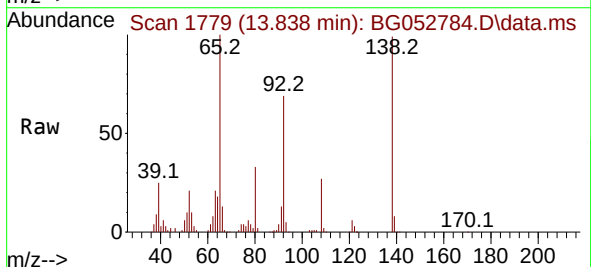
Manual Integrations
APPROVED

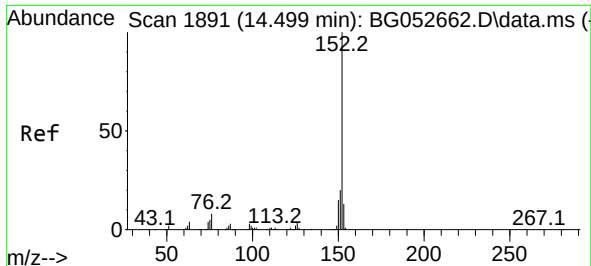
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#48
2-Nitroaniline
Concen: 62.128 ng
RT: 13.838 min Scan# 1779
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

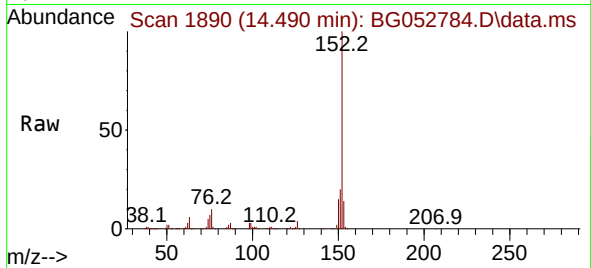
Tgt Ion: 65 Resp: 122958
Ion Ratio Lower Upper
65 100
92 68.9 52.1 78.1
138 98.9 80.1 120.1





#49
Acenaphthylene
Concen: 46.805 ng
RT: 14.490 min Scan# 1891
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

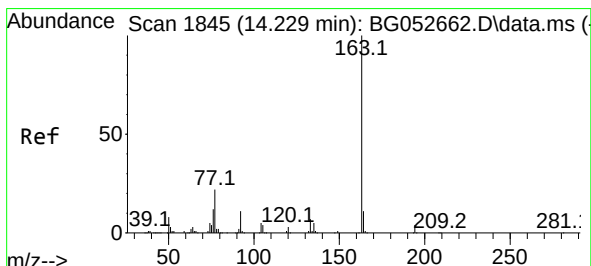
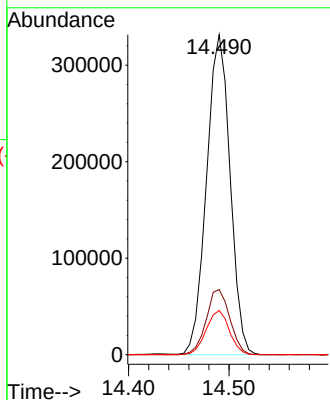
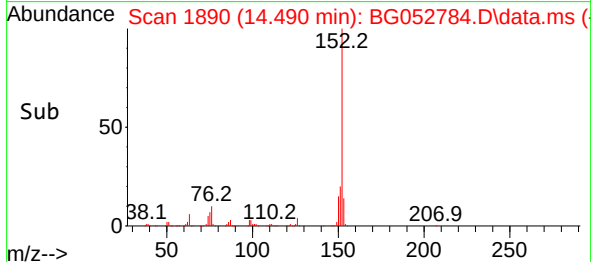
Instrument :
BNA_G
ClientSampleId :
B-3MS



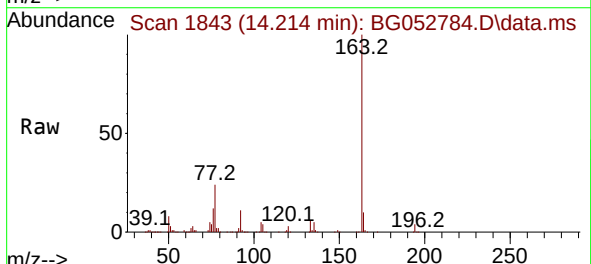
Tgt Ion:152 Resp: 539932
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 13.8 10.6 15.8

Manual Integrations
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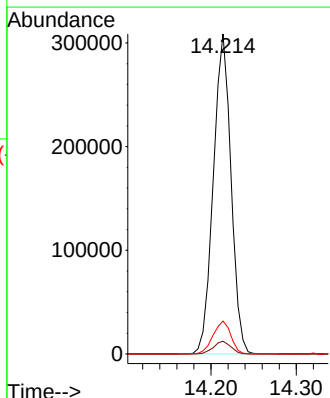
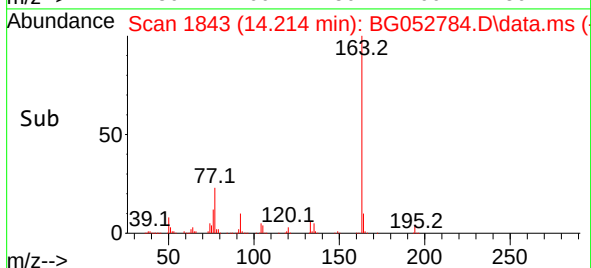
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

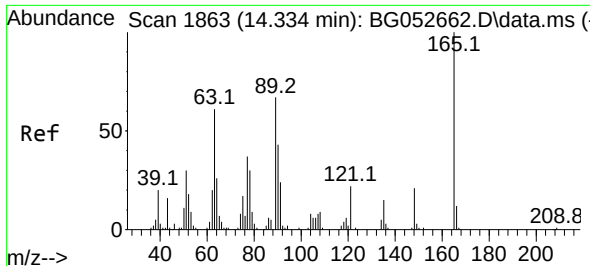


#50
Dimethylphthalate
Concen: 45.505 ng
RT: 14.214 min Scan# 1843
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



Tgt Ion:163 Resp: 444384
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.5 12.7





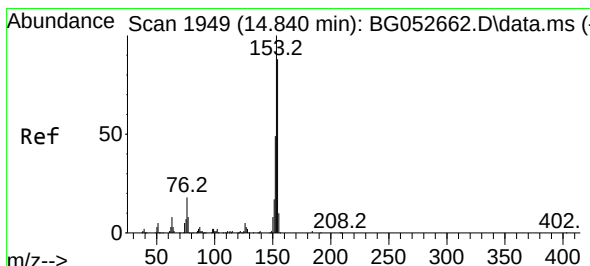
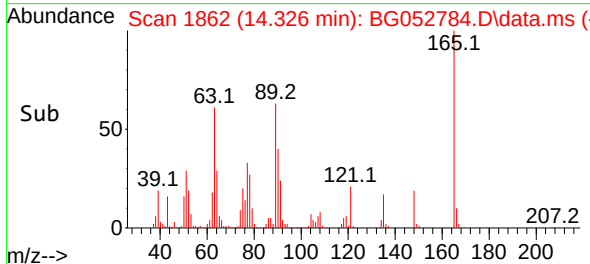
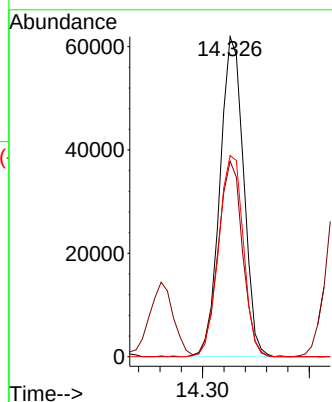
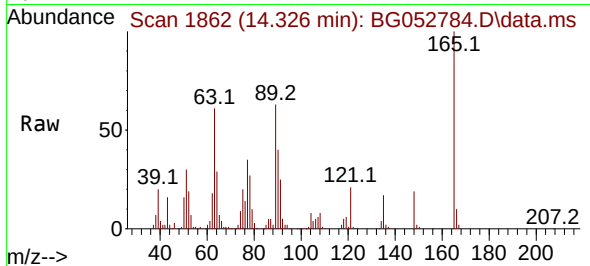
#51
2,6-Dinitrotoluene
Concen: 57.793 ng
RT: 14.326 min Scan# 1862
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:165 Resp: 95289
Ion Ratio Lower Upper
165 100
63 61.1 43.7 65.5
89 62.9 45.0 67.4

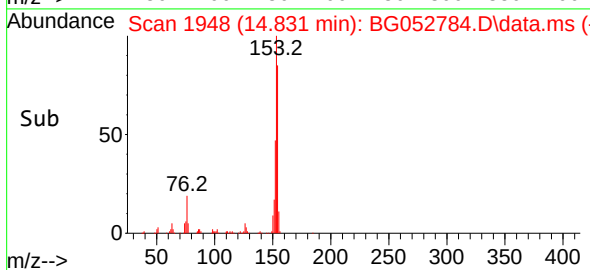
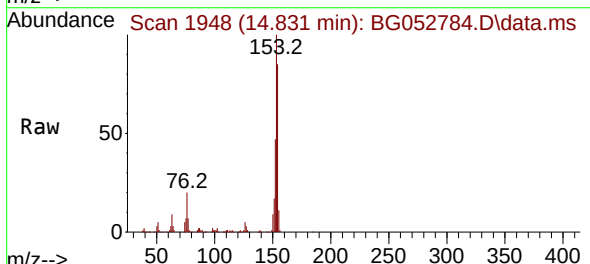
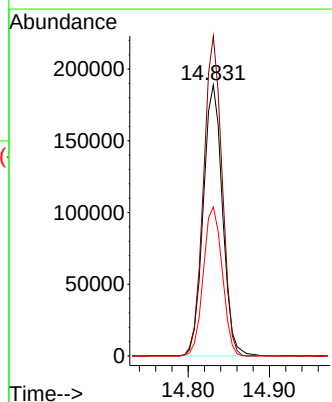
Manual Integrations
APPROVED

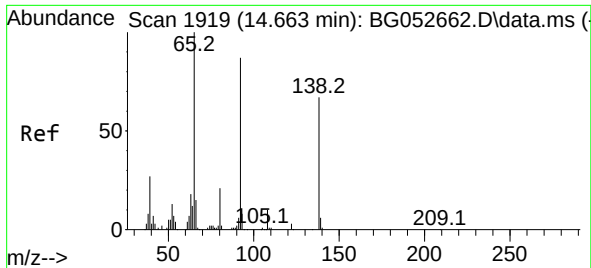
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#52
Acenaphthene
Concen: 42.016 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:154 Resp: 310515
Ion Ratio Lower Upper
154 100
153 118.0 89.0 133.4
152 54.9 40.5 60.7





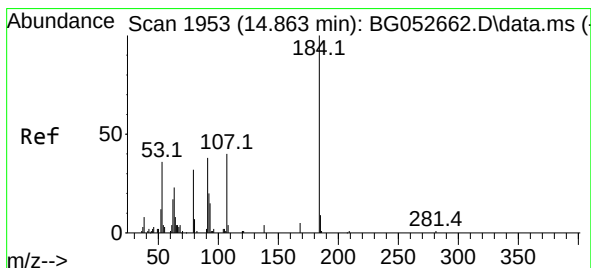
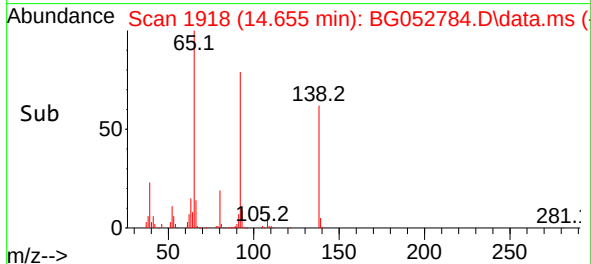
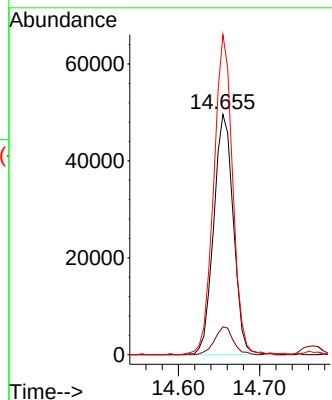
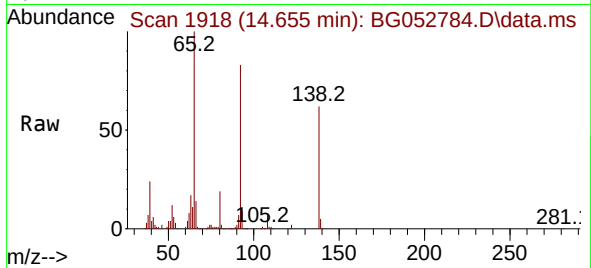
#53
3-Nitroaniline
Concen: 43.240 ng
RT: 14.655 min Scan# 1918
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:138 Resp: 83420
Ion Ratio Lower Upper
138 100
108 11.6 8.0 12.0
92 133.1 96.2 144.2

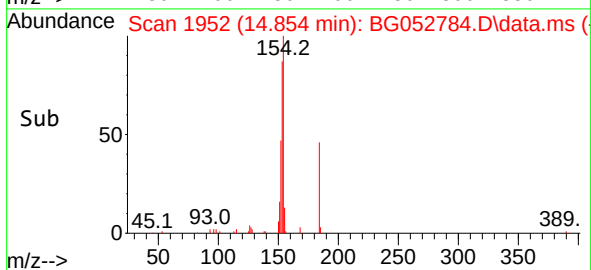
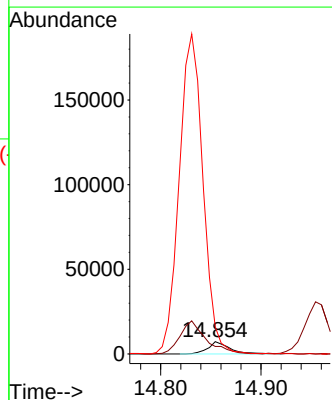
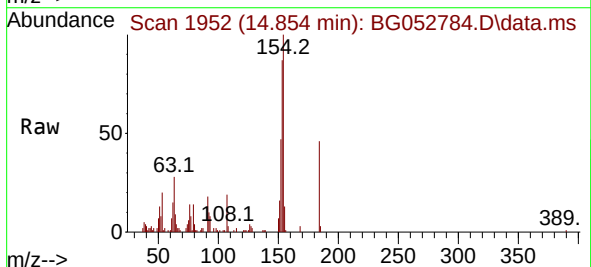
Manual Integrations
APPROVED

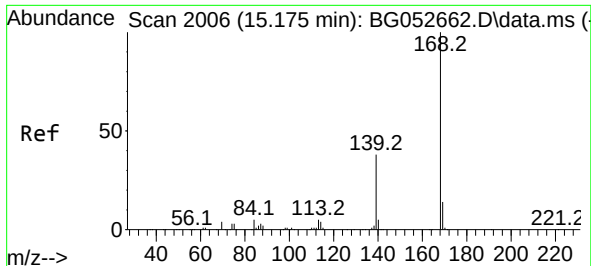
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#54
2,4-Dinitrophenol
Concen: 12.105 ng
RT: 14.854 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:184 Resp: 10879
Ion Ratio Lower Upper
184 100
63 61.2 51.8 77.6
154 219.1 47.8 71.6#





#55
Dibenzenofuran
Concen: 43.140 ng
RT: 15.160 min Scan# 2006
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :

BNA_G

ClientSampleId :

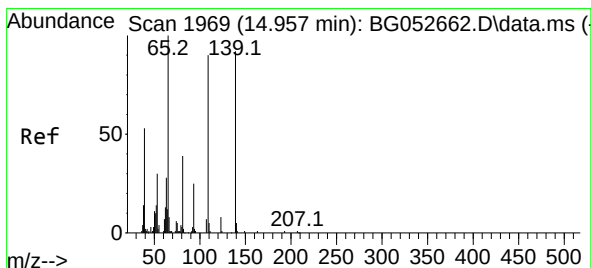
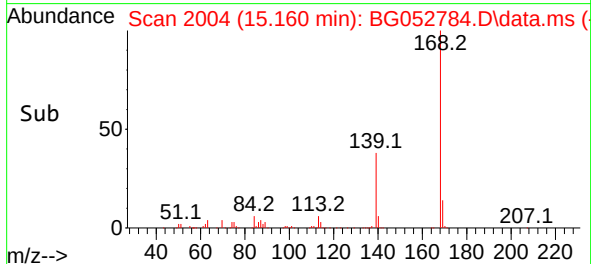
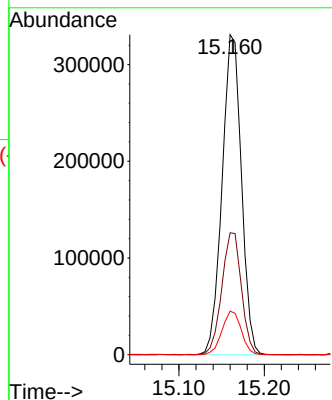
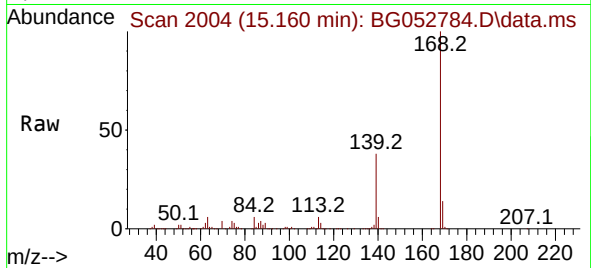
B-3MS

Tgt Ion:168 Resp: 520639
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.4
169 13.6 10.7 16.1

Manual Integrations

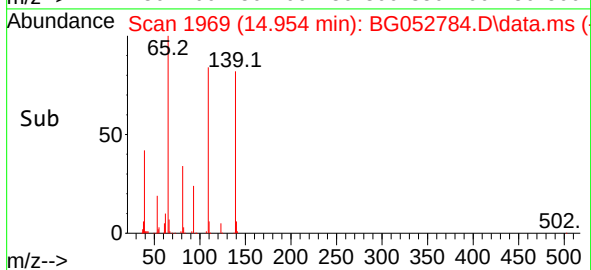
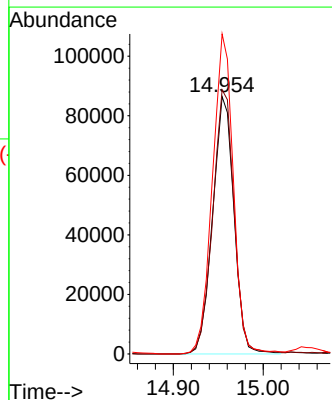
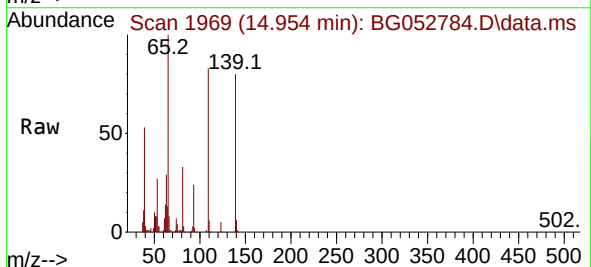
APPROVED

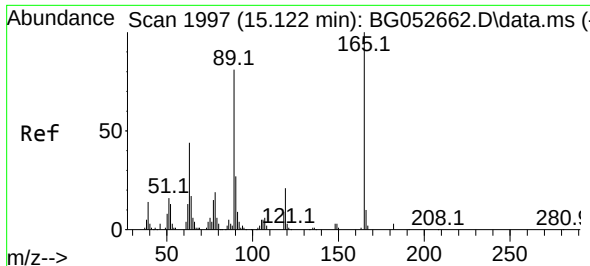
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#56
4-Nitrophenol
Concen: 90.492 ng
RT: 14.954 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

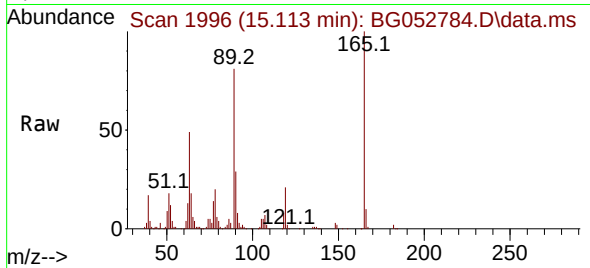
Tgt Ion:139 Resp: 142418
Ion Ratio Lower Upper
139 100
109 102.7 67.1 107.1
65 124.4 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 59.010 ng
RT: 15.113 min Scan# 1996
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

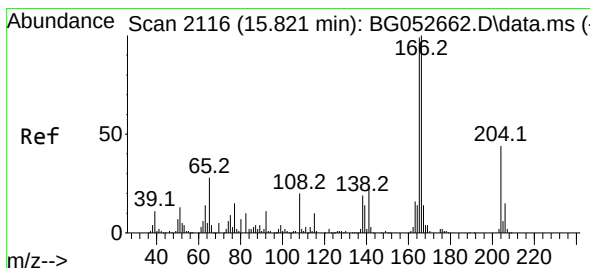
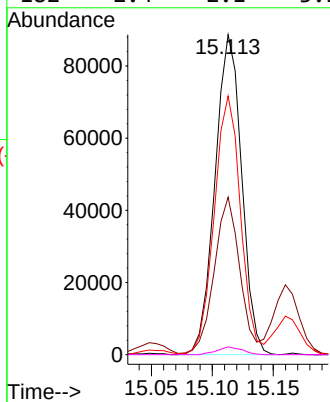
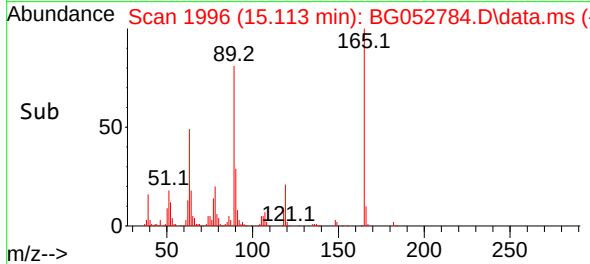
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:165 Resp: 134997
Ion Ratio Lower Upper
165 100
63 49.2 34.8 52.2
89 80.9 57.4 86.0
182 2.4 2.1 3.1

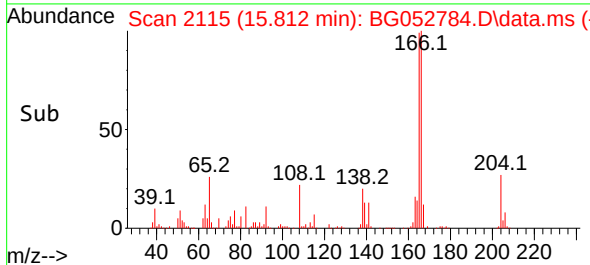
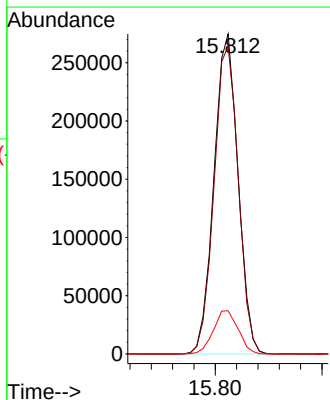
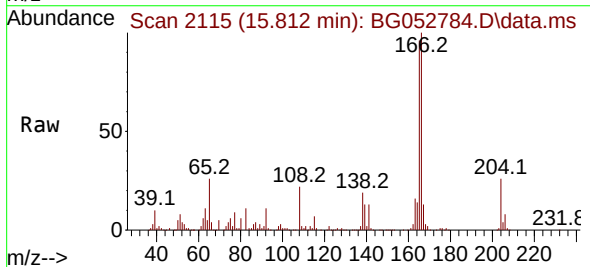
Manual Integrations
APPROVED

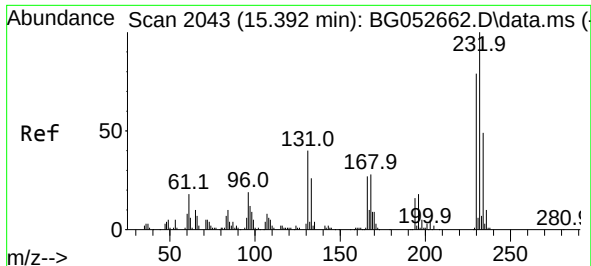
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#58
Fluorene
Concen: 43.602 ng
RT: 15.812 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

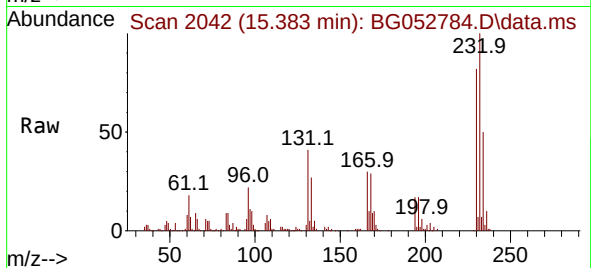
Tgt Ion:166 Resp: 428951
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.009 ng
RT: 15.383 min Scan# 2042
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

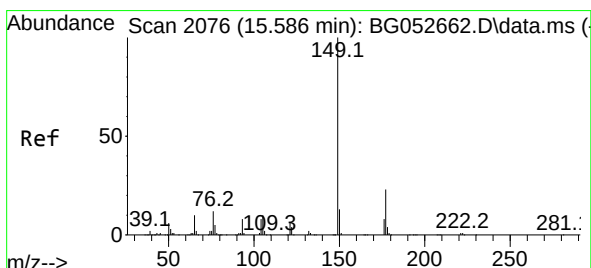
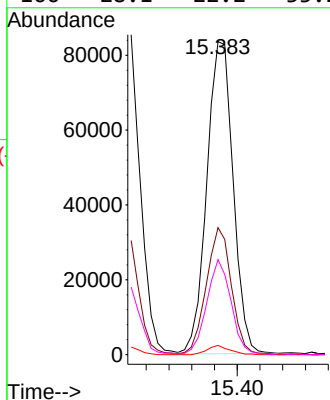
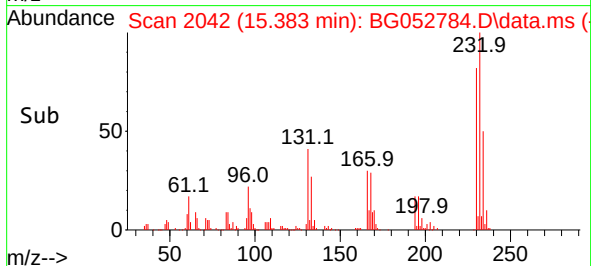
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:232 Resp: 134074
Ion Ratio Lower Upper
232 100
131 39.0 30.1 45.1
130 2.5 1.8 2.8
166 28.1 22.2 33.2

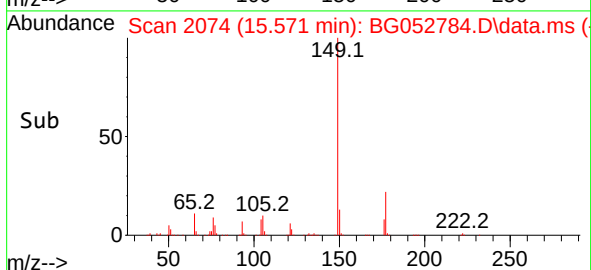
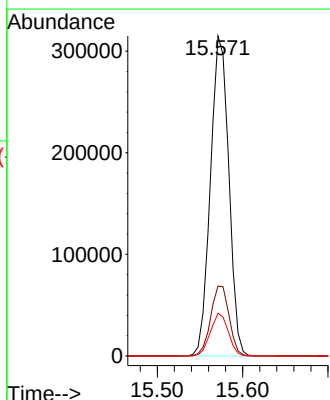
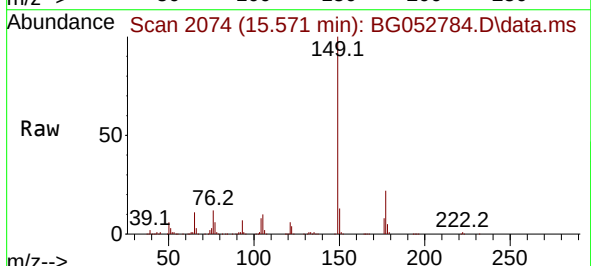
Manual Integrations
APPROVED

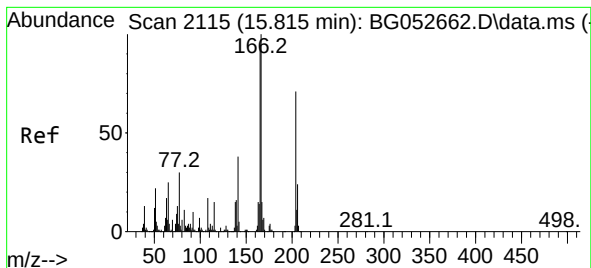
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#60
Diethylphthalate
Concen: 45.681 ng
RT: 15.571 min Scan# 2074
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

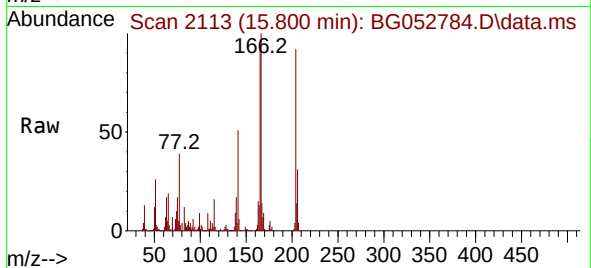
Tgt Ion:149 Resp: 470894
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 13.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.163 ng
RT: 15.800 min Scan# 2115
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

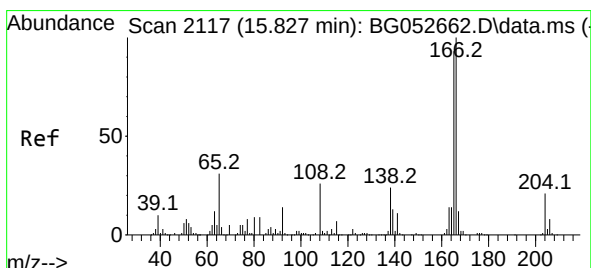
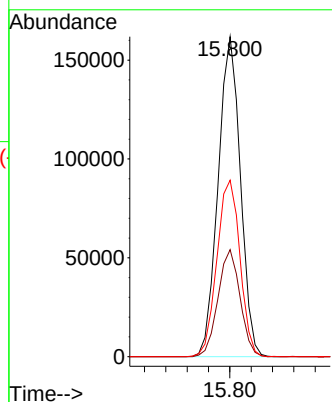
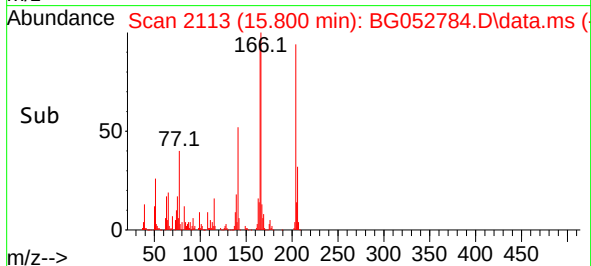
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:204 Resp: 23418
Ion Ratio Lower Upper
204 100
206 33.4 28.3 42.5
141 55.2 45.8 68.8

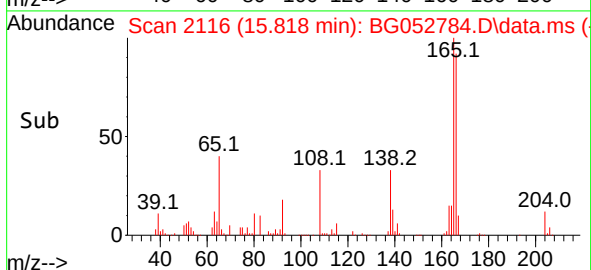
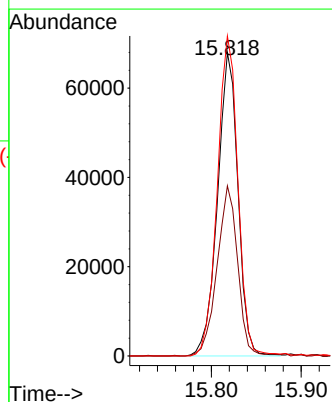
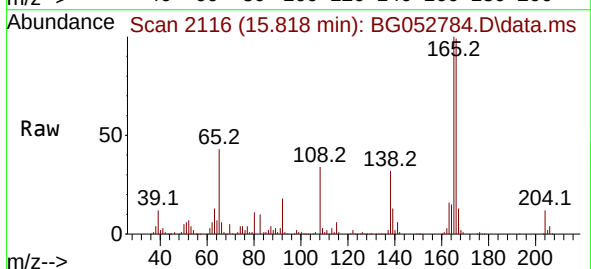
Manual Integrations
APPROVED

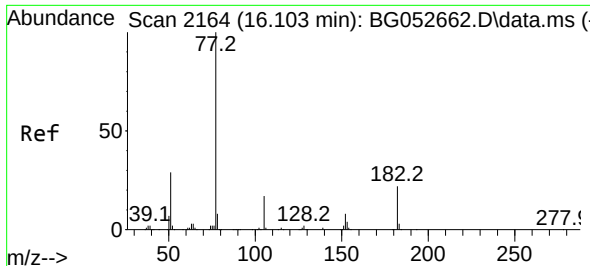
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#62
4-Nitroaniline
Concen: 52.644 ng
RT: 15.818 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

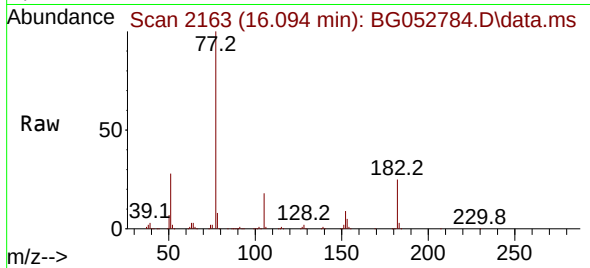
Tgt Ion:138 Resp: 107323
Ion Ratio Lower Upper
138 100
92 56.0 33.3 73.3
108 105.5 74.2 114.2





#63
Azobenzene
Concen: 42.523 ng
RT: 16.094 min Scan# 2164
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

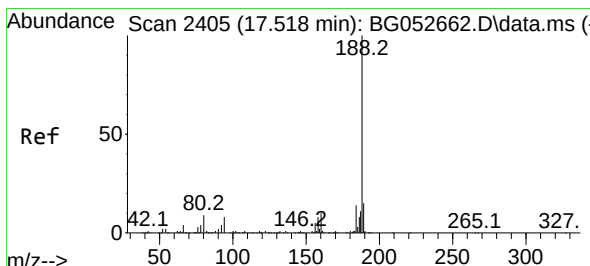
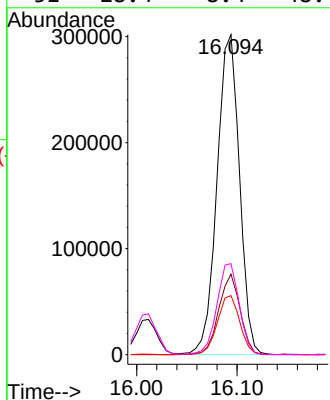
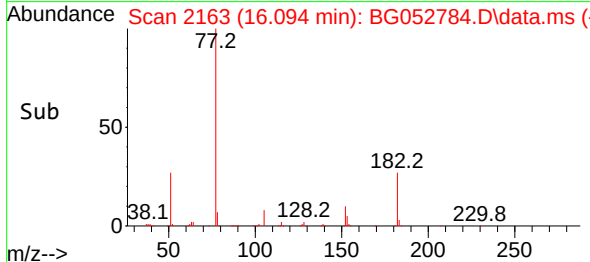
Instrument :
BNA_G
ClientSampleId :
B-3MS



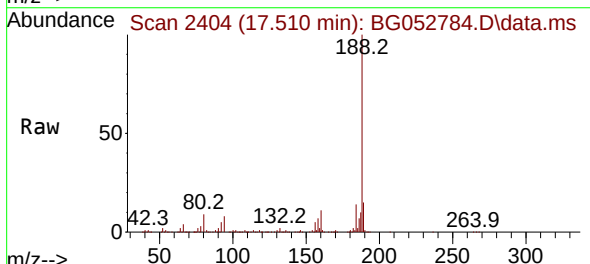
Tgt Ion: 77 Resp: 46851
Ion Ratio Lower Upper
77 100
182 25.1 5.6 45.6
105 18.5 0.0 38.8
51 28.4 8.4 48.4

Manual Integrations
APPROVED

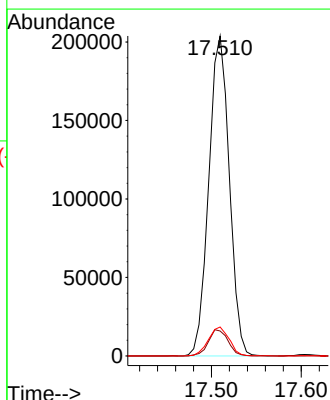
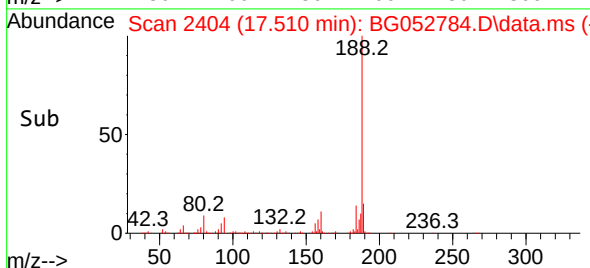
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

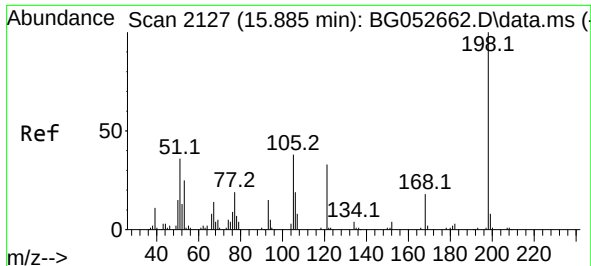


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00



Tgt Ion:188 Resp: 323627
Ion Ratio Lower Upper
188 100
94 7.8 5.7 8.5
80 9.0 7.2 10.8





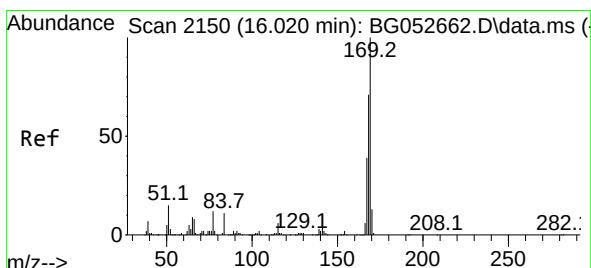
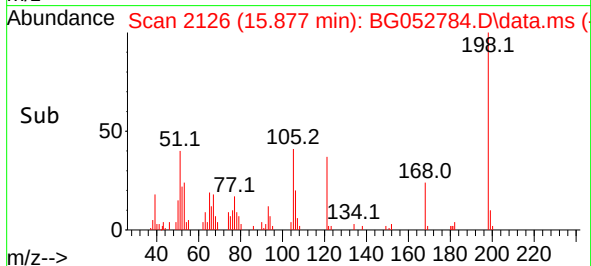
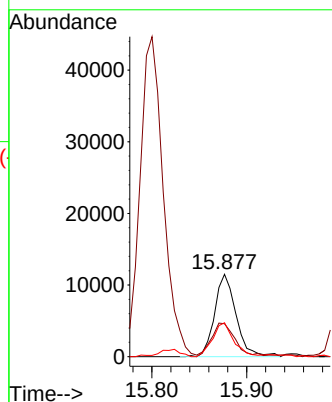
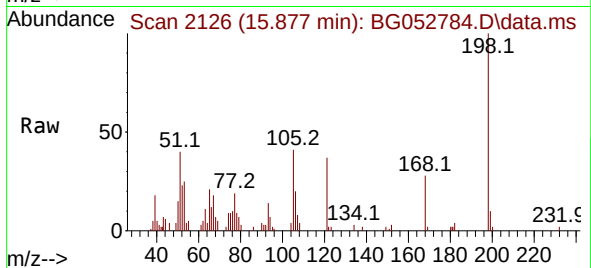
#65
4,6-Dinitro-2-methylphenol
Concen: 12.518 ng
RT: 15.877 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:198 Resp: 1806
Ion Ratio Lower Upper
198 100
51 40.1 21.7 61.7
105 41.2 20.8 60.8

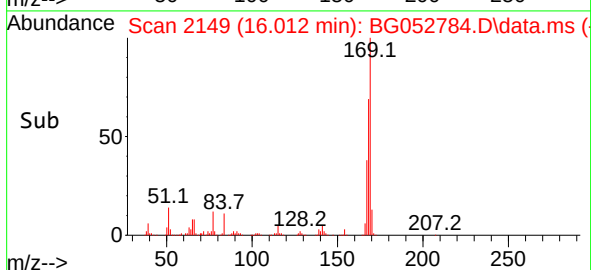
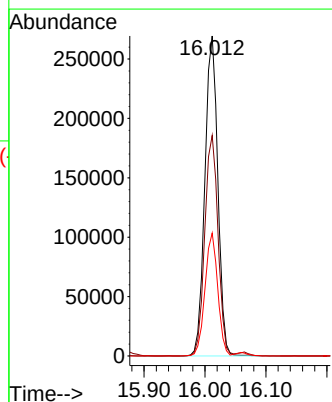
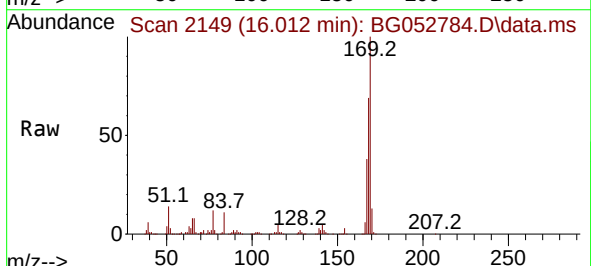
Manual Integrations
APPROVED

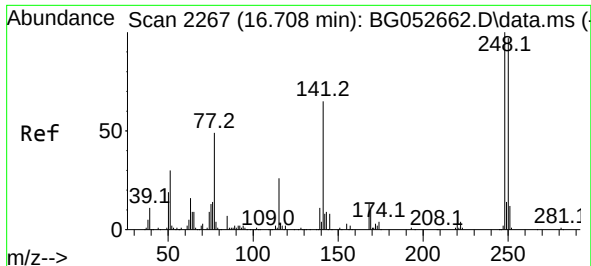
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#66
n-Nitrosodiphenylamine
Concen: 43.700 ng
RT: 16.012 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

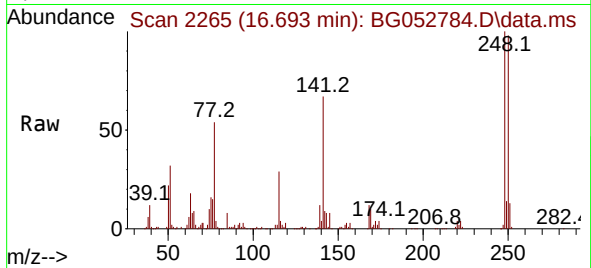
Tgt Ion:169 Resp: 398159
Ion Ratio Lower Upper
169 100
168 68.9 54.5 81.7
167 38.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.242 ng
RT: 16.693 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

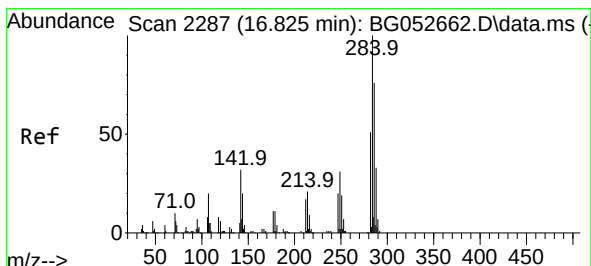
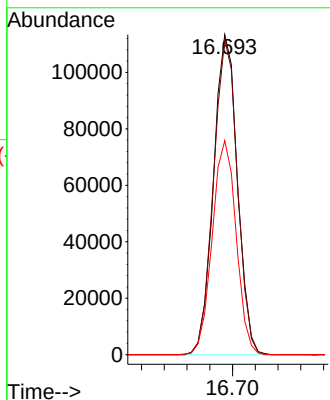
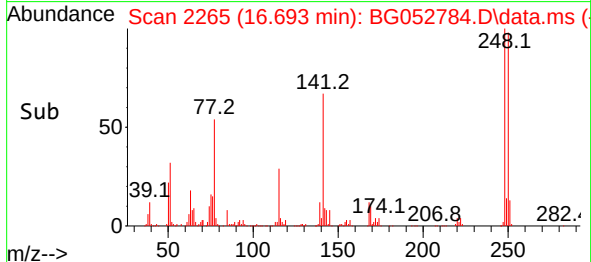
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:248 Resp: 16481
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 66.9 49.2 73.8

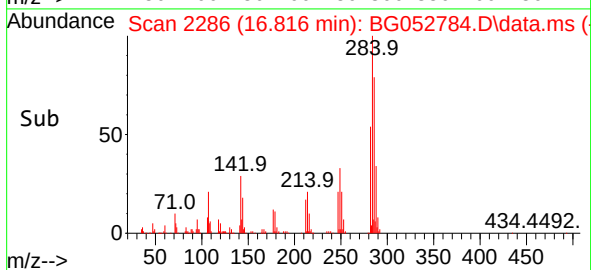
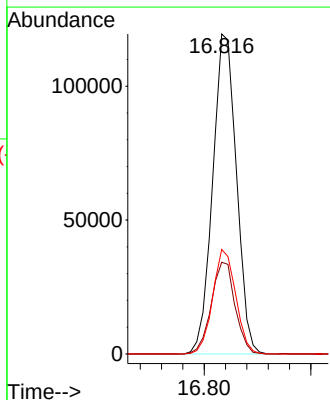
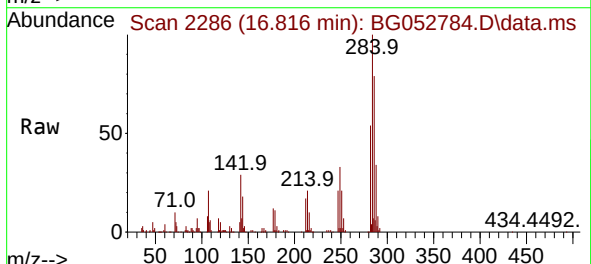
Manual Integrations
APPROVED

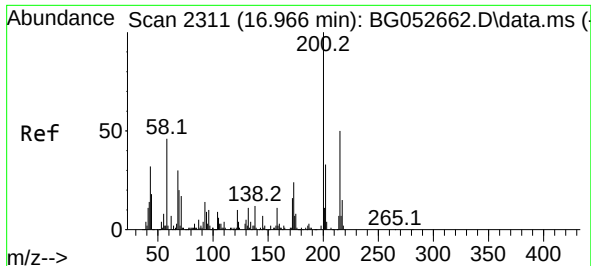
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#68
Hexachlorobenzene
Concen: 44.103 ng
RT: 16.816 min Scan# 2286
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

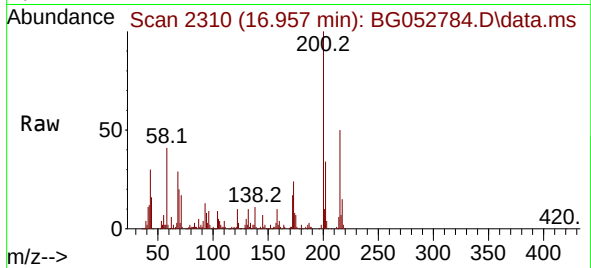
Tgt Ion:284 Resp: 184962
Ion Ratio Lower Upper
284 100
142 28.7 21.0 31.4
249 32.6 22.7 34.1





#69
 Atrazine
 Concen: 49.439 ng
 RT: 16.957 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG052784.D
 Acq: 22 Mar 2022 14:00

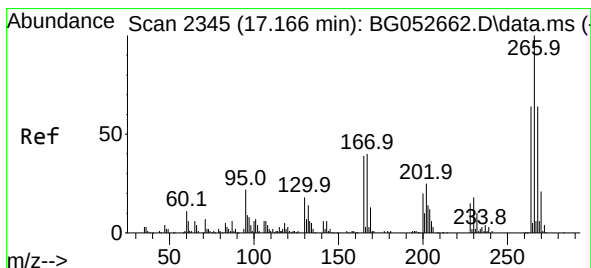
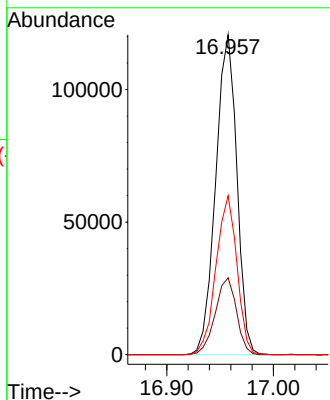
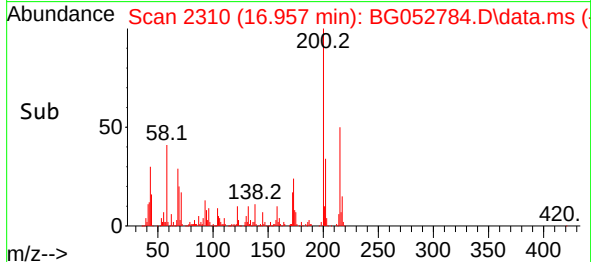
Instrument :
 BNA_G
 ClientSampleId :
 B-3MS



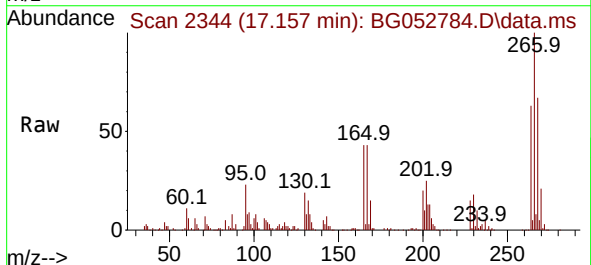
Tgt Ion:200 Resp: 16609
 Ion Ratio Lower Upper
 200 100
 173 24.0 3.8 43.8
 215 49.7 26.3 66.3

Manual Integrations
 APPROVED

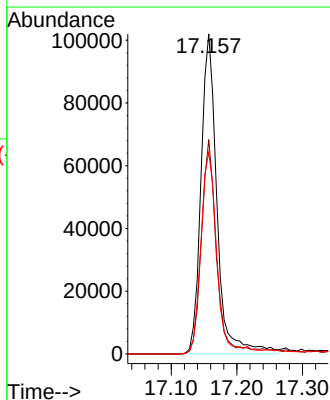
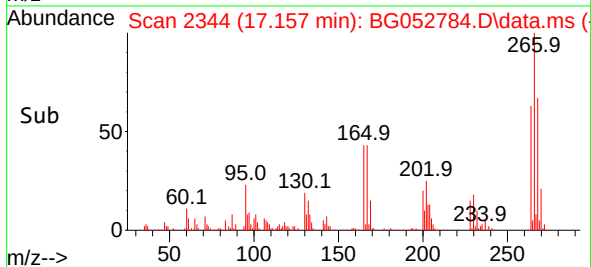
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

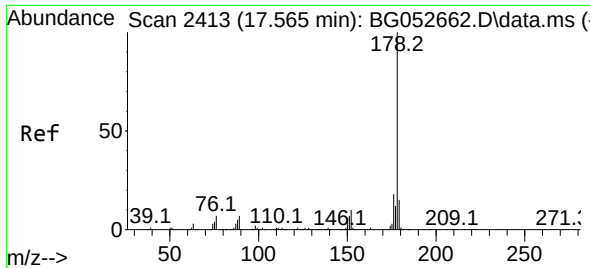


#70
 Pentachlorophenol
 Concen: 66.988 ng
 RT: 17.157 min Scan# 2344
 Delta R.T. -0.009 min
 Lab File: BG052784.D
 Acq: 22 Mar 2022 14:00



Tgt Ion:266 Resp: 174290
 Ion Ratio Lower Upper
 266 100
 268 67.0 45.9 68.9
 264 63.0 45.3 67.9





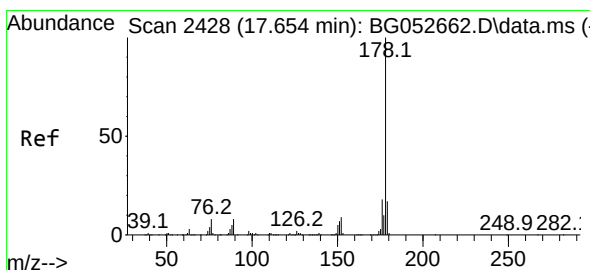
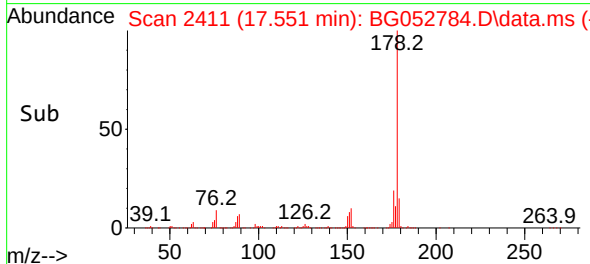
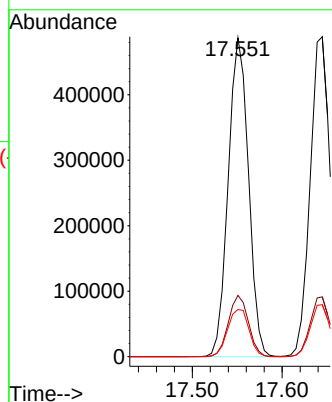
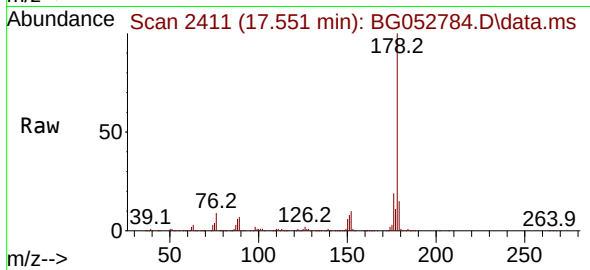
#71
Phenanthrene
Concen: 44.025 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:178 Resp: 762215
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.8 13.4 20.2

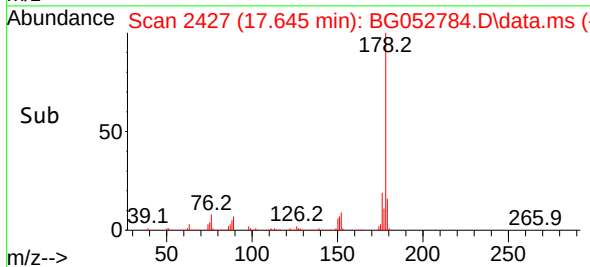
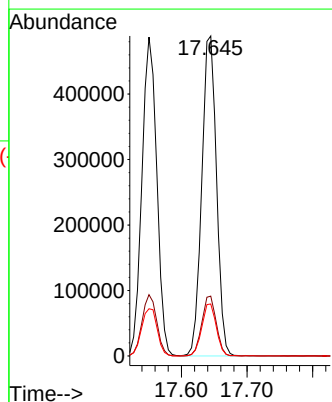
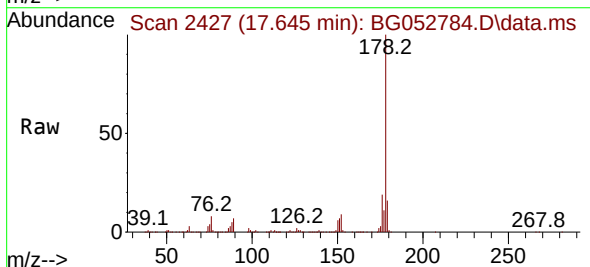
Manual Integrations
APPROVED

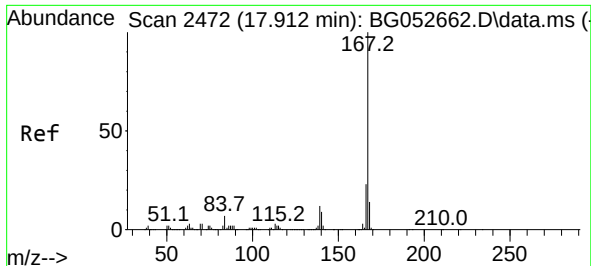
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#72
Anthracene
Concen: 44.630 ng
RT: 17.645 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

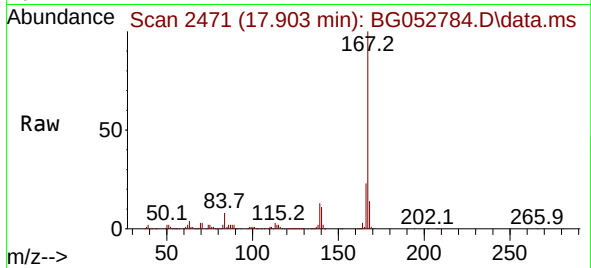
Tgt Ion:178 Resp: 763844
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 16.3 13.2 19.8





#73
 Carbazole
 Concen: 41.885 ng
 RT: 17.903 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BG052784.D
 Acq: 22 Mar 2022 14:00

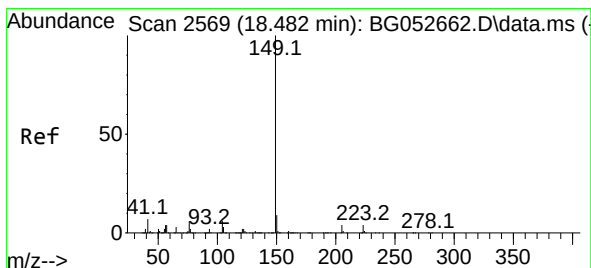
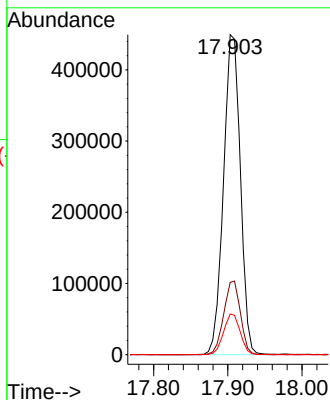
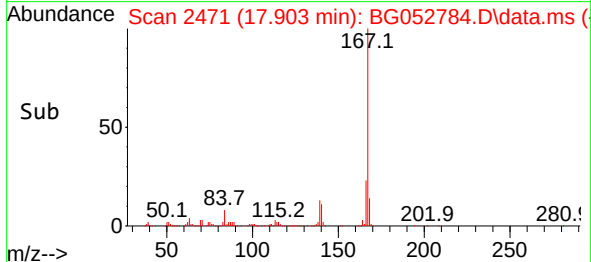
Instrument :
 BNA_G
 ClientSampleId :
 B-3MS



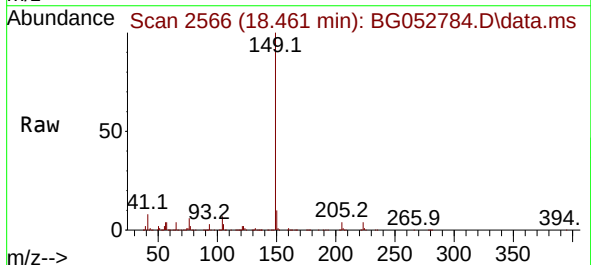
Tgt Ion:167 Resp: 709980
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.5 27.7
 139 12.7 10.0 15.0

Manual Integrations
 APPROVED

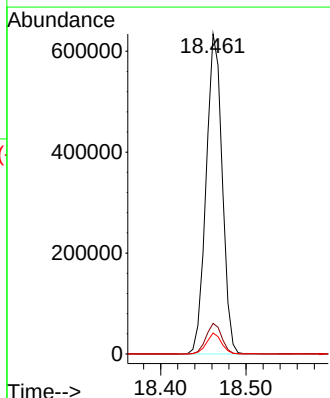
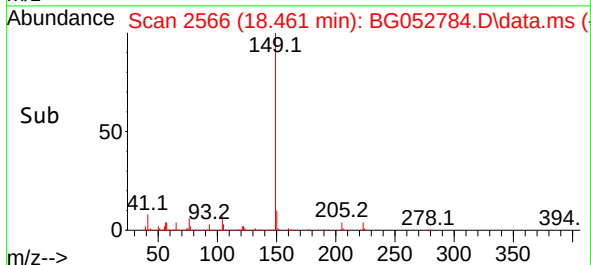
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

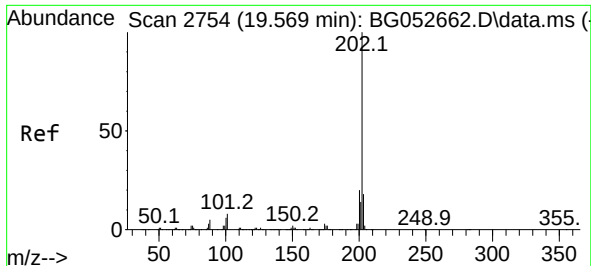


#74
 Di-n-butylphthalate
 Concen: 44.810 ng
 RT: 18.461 min Scan# 2566
 Delta R.T. -0.021 min
 Lab File: BG052784.D
 Acq: 22 Mar 2022 14:00



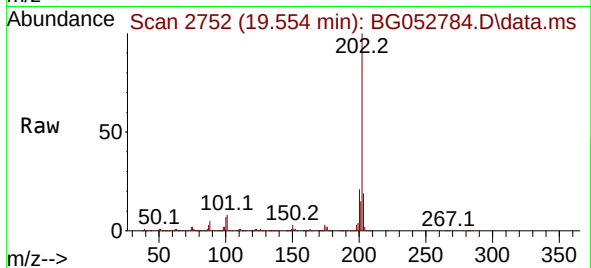
Tgt Ion:149 Resp: 829777
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.0 10.6
 104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 43.347 ng
RT: 19.554 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

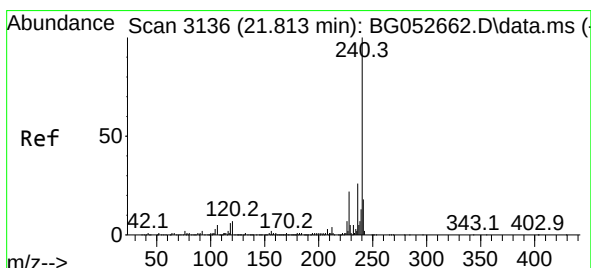
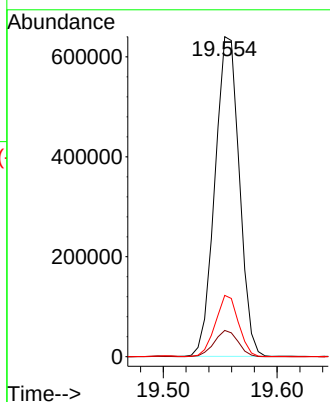
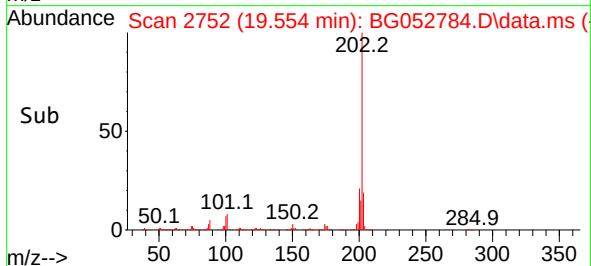
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:202 Resp: 95263
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.3
203 19.1 0.0 37.7

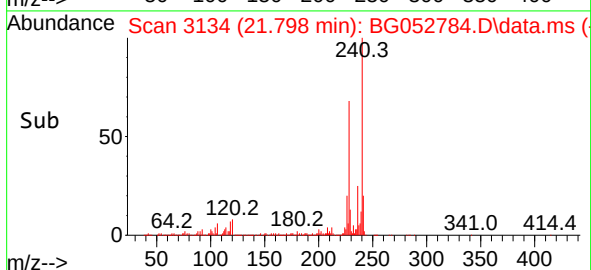
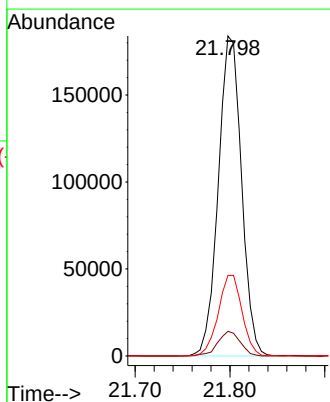
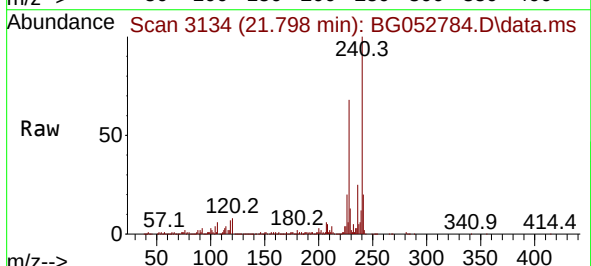
Manual Integrations
APPROVED

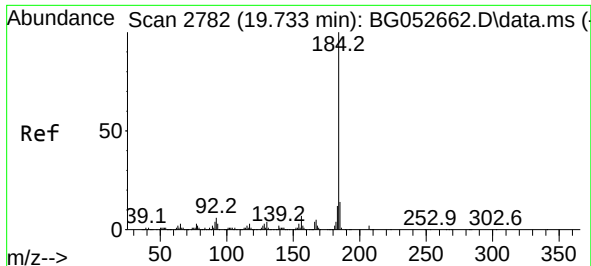
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

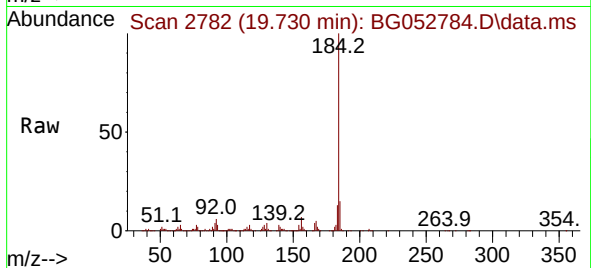
Tgt Ion:240 Resp: 312726
Ion Ratio Lower Upper
240 100
120 7.7 5.4 8.0
236 25.2 19.8 29.6





#77
Benzidine
Concen: 55.252 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

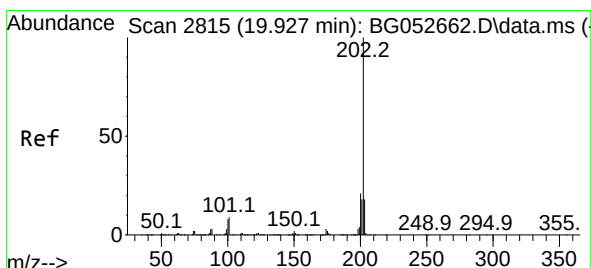
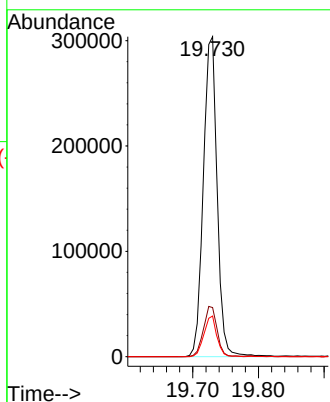
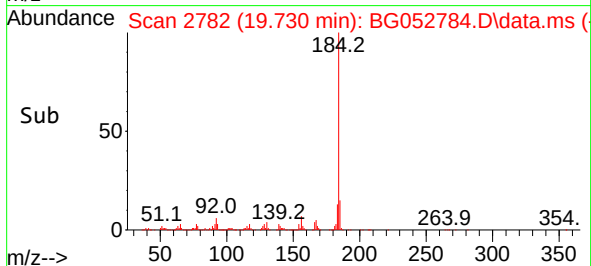
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:184 Resp: 44565
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 12.7 9.4 14.2

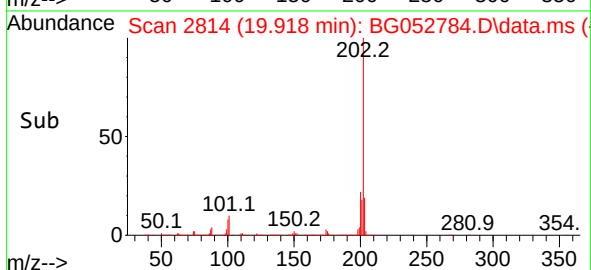
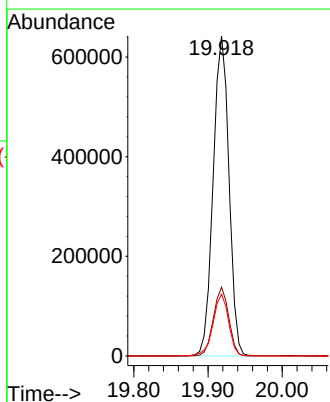
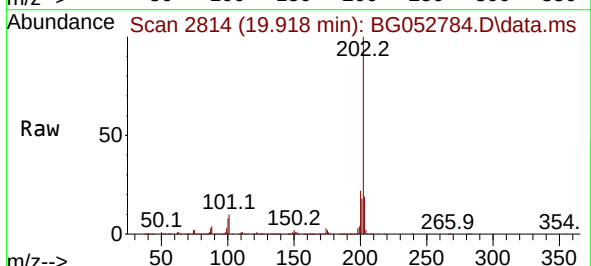
Manual Integrations
APPROVED

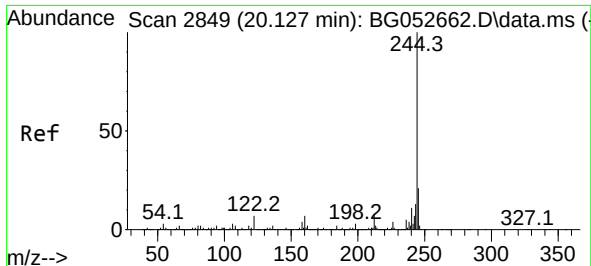
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#78
Pyrene
Concen: 43.807 ng
RT: 19.918 min Scan# 2814
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

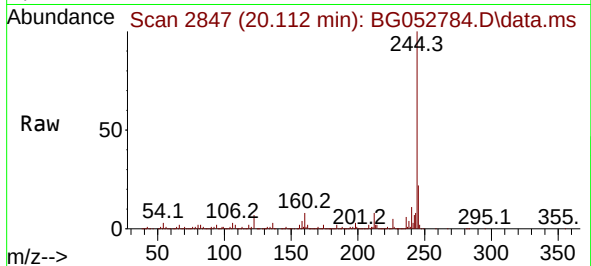
Tgt Ion:202 Resp: 950293
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 19.3 15.0 22.6





#79
 Terphenyl-d14
 Concen: 84.204 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG052784.D
 Acq: 22 Mar 2022 14:00

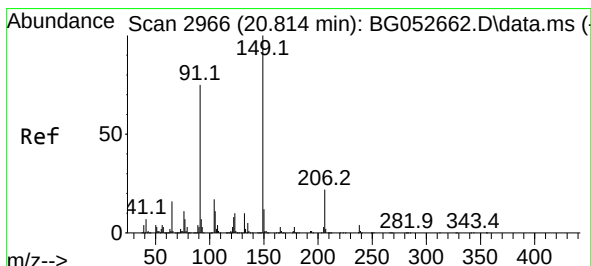
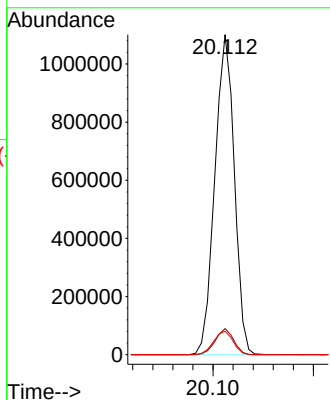
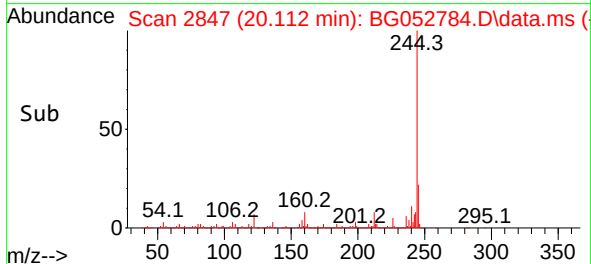
Instrument :
 BNA_G
 ClientSampleId :
 B-3MS



Tgt Ion:244 Resp: 148033
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2
 122 7.3 5.8 8.6

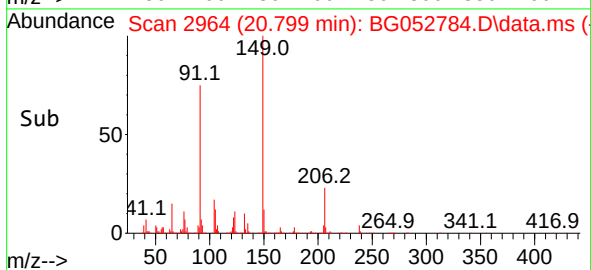
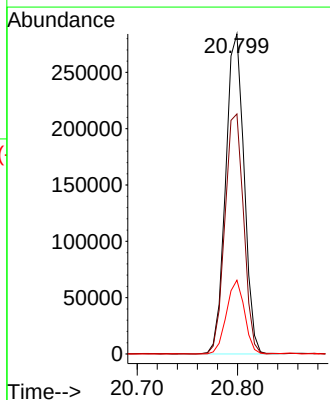
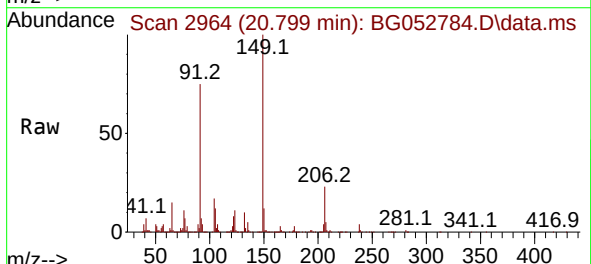
Manual Integrations
 APPROVED

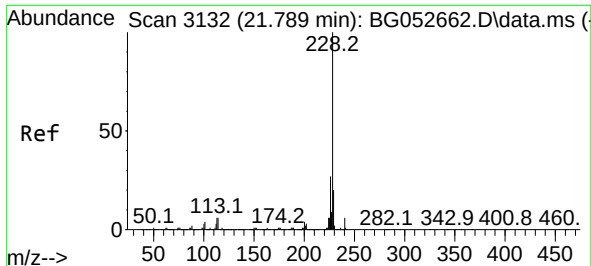
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022



#80
 Butylbenzylphthalate
 Concen: 47.022 ng
 RT: 20.799 min Scan# 2964
 Delta R.T. -0.015 min
 Lab File: BG052784.D
 Acq: 22 Mar 2022 14:00

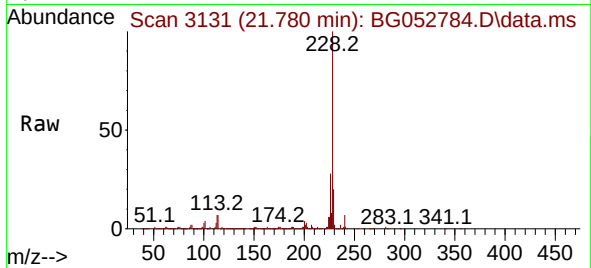
Tgt Ion:149 Resp: 361836
 Ion Ratio Lower Upper
 149 100
 91 75.0 60.2 90.4
 206 23.1 19.4 29.2





#81
Benzo(a)anthracene
Concen: 44.686 ng
RT: 21.780 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

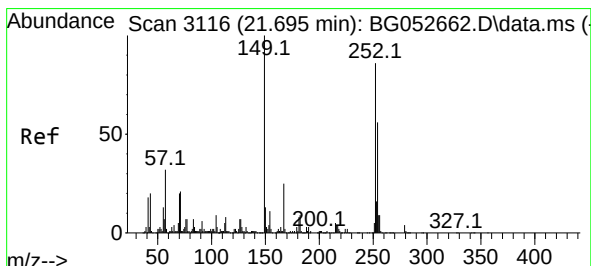
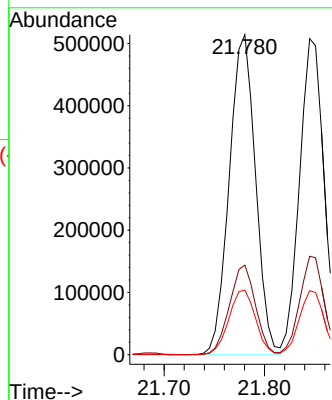
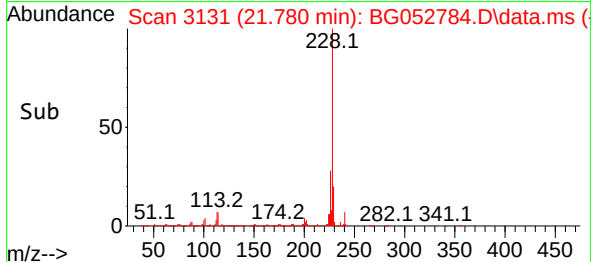
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:228 Resp: 935760
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.2 16.7 25.1

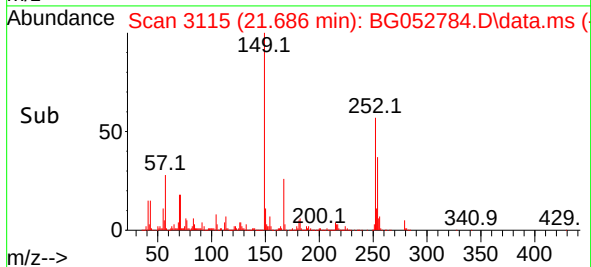
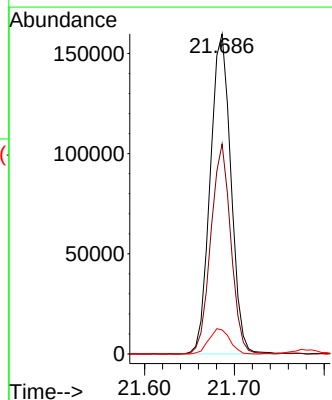
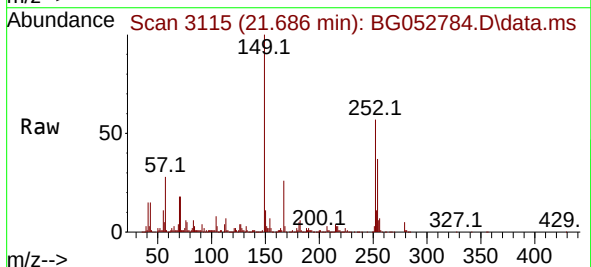
Manual Integrations
APPROVED

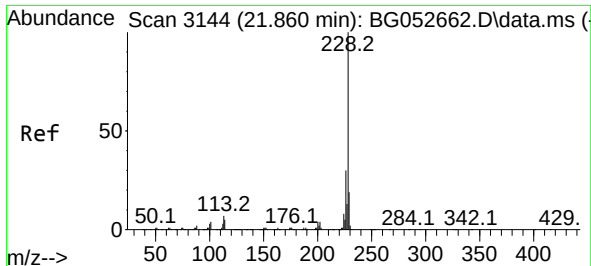
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.579 ng
RT: 21.686 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

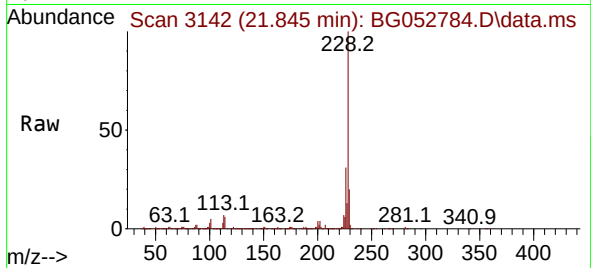
Tgt Ion:252 Resp: 255703
Ion Ratio Lower Upper
252 100
254 65.7 51.2 76.8
126 7.5 5.8 8.8





#83
Chrysene
Concen: 43.320 ng
RT: 21.845 min Scan# 3144
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

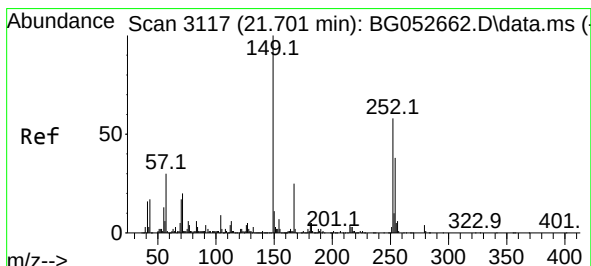
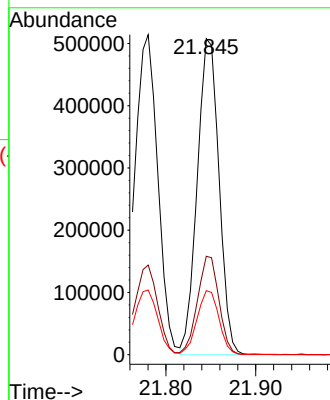
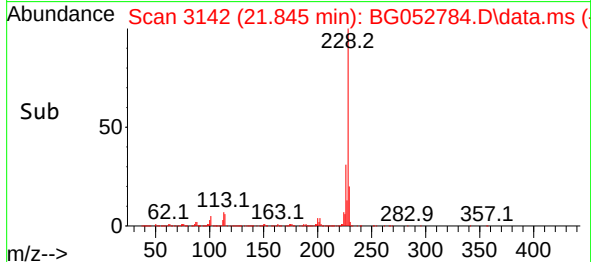
Instrument :
BNA_G
ClientSampleId :
B-3MS



Tgt Ion:228 Resp: 85281
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 20.3 16.3 24.5

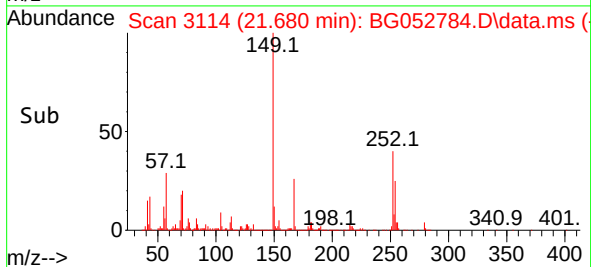
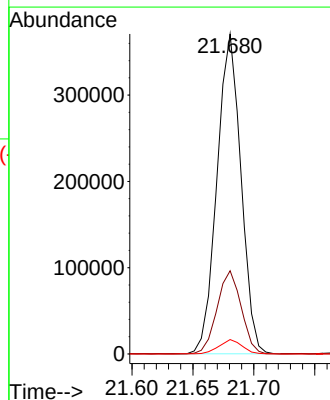
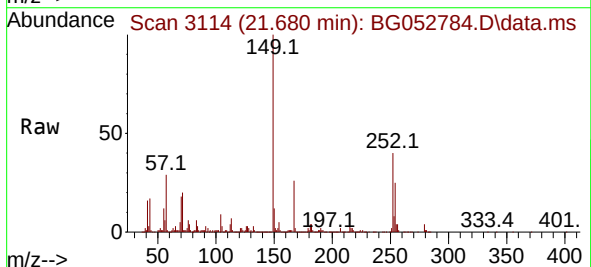
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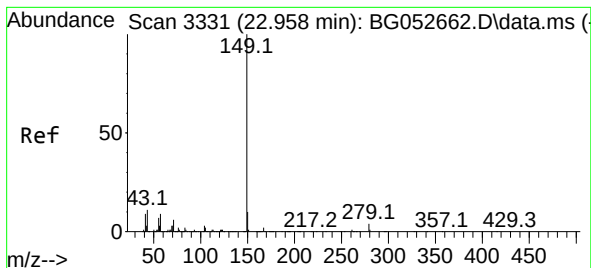
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.422 ng
RT: 21.680 min Scan# 3114
Delta R.T. -0.021 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:149 Resp: 506725
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.2
279 4.5 3.8 5.8





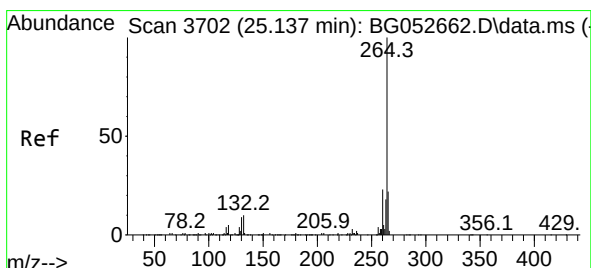
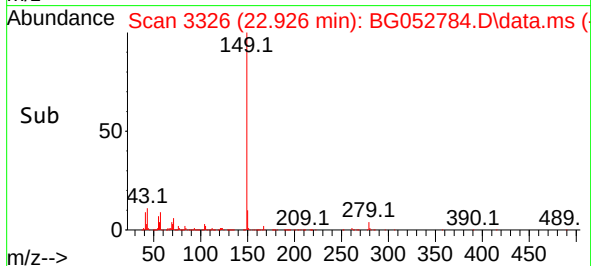
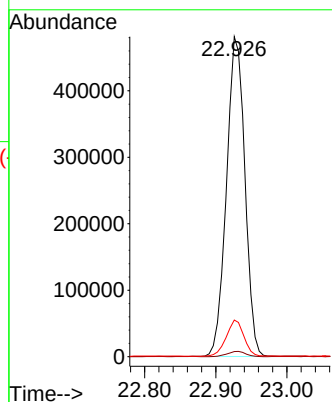
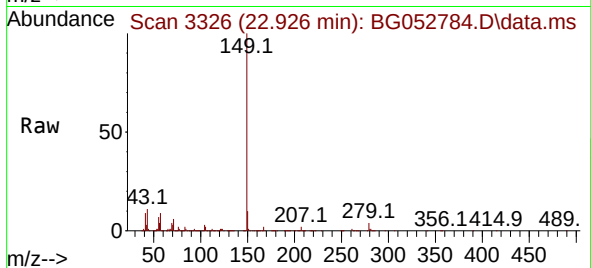
#85
Di-n-octyl phthalate
Concen: 49.586 ng
RT: 22.926 min Scan# 31
Delta R.T. -0.032 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:149 Resp: 863849
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.8 7.6 11.4

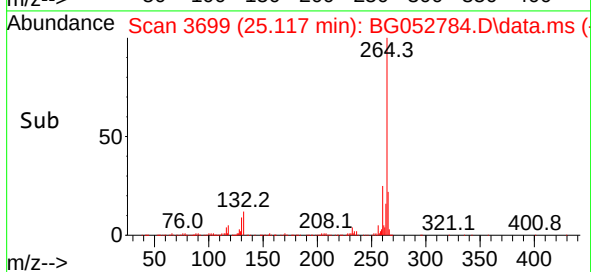
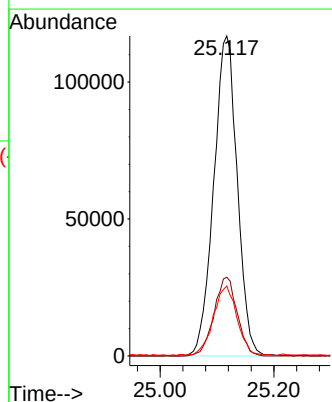
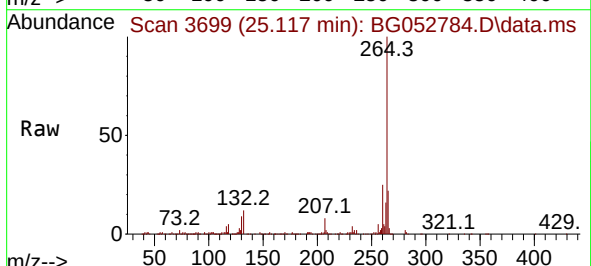
Manual Integrations
APPROVED

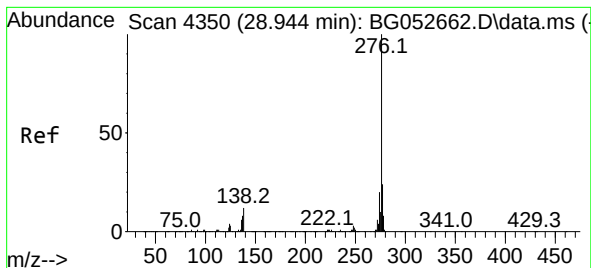
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.117 min Scan# 3699
Delta R.T. -0.021 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:264 Resp: 335228
Ion Ratio Lower Upper
264 100
260 24.6 18.2 27.2
265 21.9 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.028 ng

RT: 28.918 min Scan# 41

Delta R.T. -0.026 min

Lab File: BG052784.D

Acq: 22 Mar 2022 14:00

Instrument :

BNA_G

ClientSampleId :

B-3MS

Tgt Ion:276 Resp: 103319

Ion Ratio Lower Upper

276 100

138 11.0 8.7 13.1

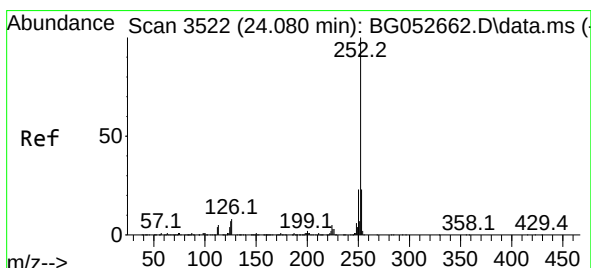
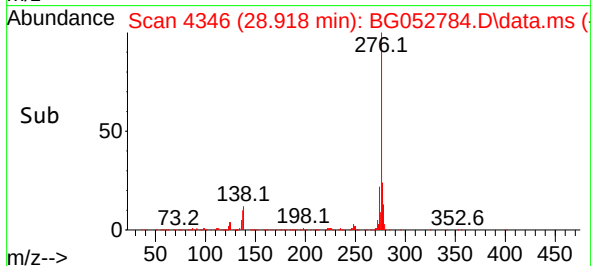
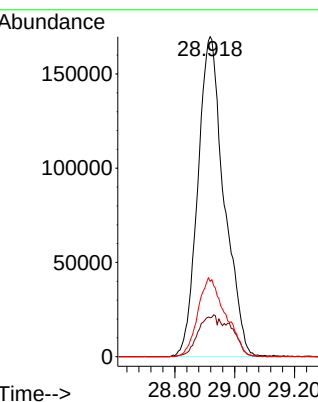
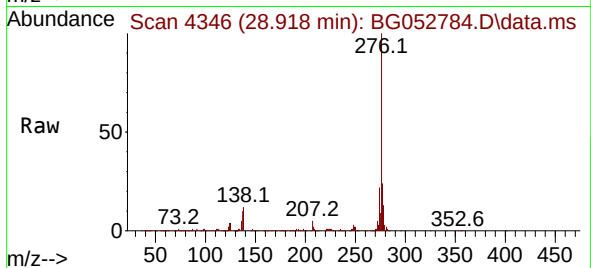
277 26.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#88

Benzo(b)fluoranthene

Concen: 45.796 ng

RT: 24.065 min Scan# 3520

Delta R.T. -0.015 min

Lab File: BG052784.D

Acq: 22 Mar 2022 14:00

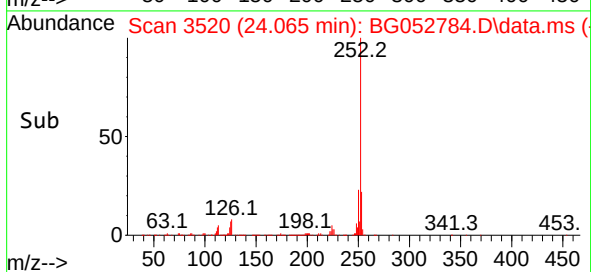
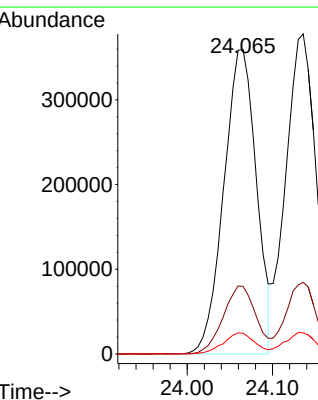
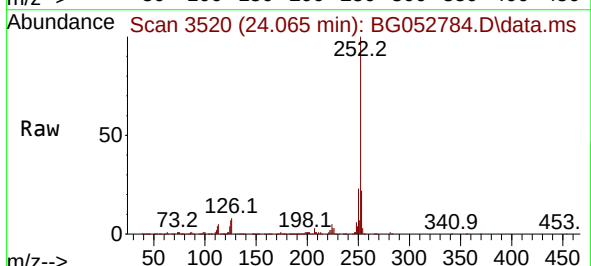
Tgt Ion:252 Resp: 953232

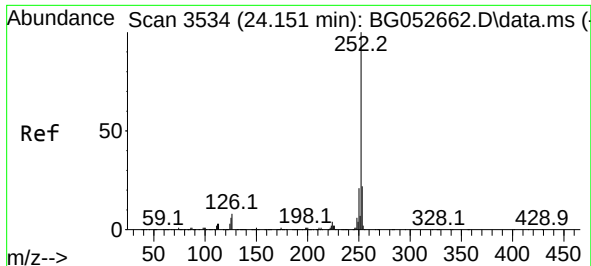
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 6.8 5.2 7.8





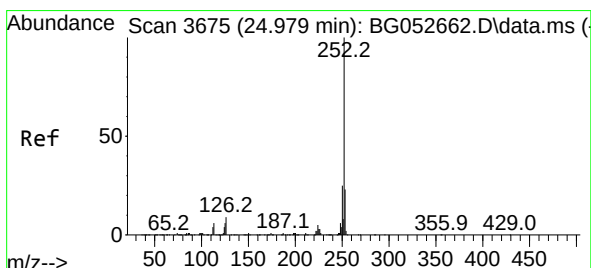
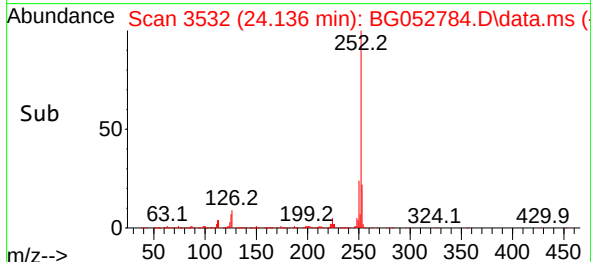
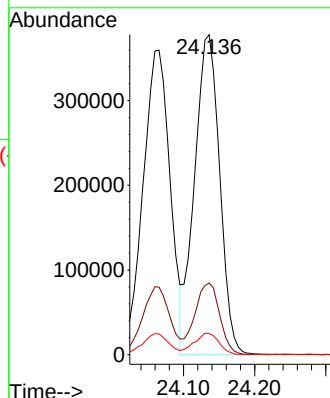
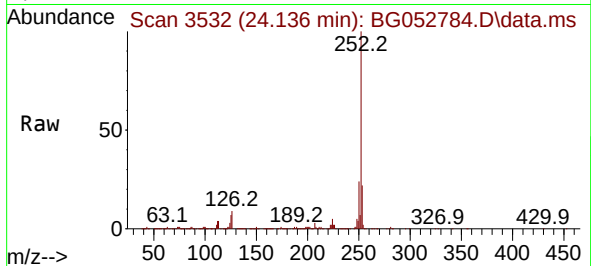
#89
Benzo(k)fluoranthene
Concen: 45.390 ng
RT: 24.136 min Scan# 3534
Delta R.T. -0.015 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Instrument :
BNA_G
ClientSampleId :
B-3MS

Tgt Ion:252 Resp: 929530
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 6.6 5.0 7.4

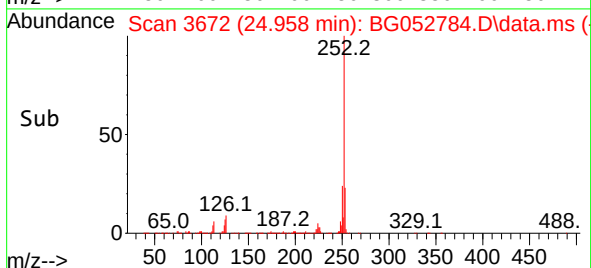
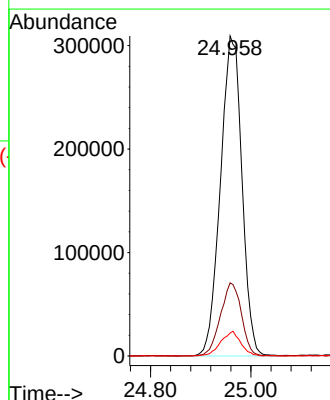
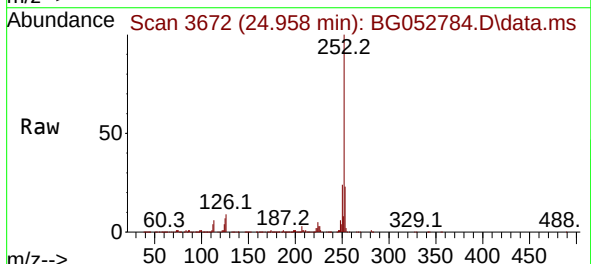
Manual Integrations
APPROVED

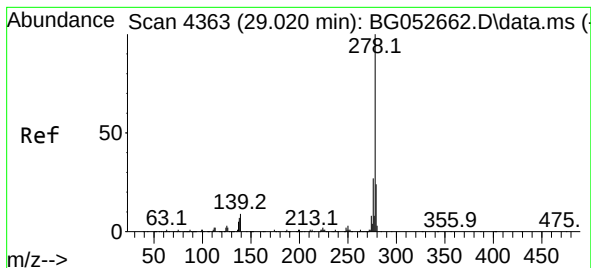
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#90
Benzo(a)pyrene
Concen: 52.136 ng
RT: 24.958 min Scan# 3672
Delta R.T. -0.021 min
Lab File: BG052784.D
Acq: 22 Mar 2022 14:00

Tgt Ion:252 Resp: 918578
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 7.2 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 47.284 ng

RT: 28.988 min Scan# 41

Delta R.T. -0.032 min

Lab File: BG052784.D

Acq: 22 Mar 2022 14:00

Instrument :

BNA_G

ClientSampleId :

B-3MS

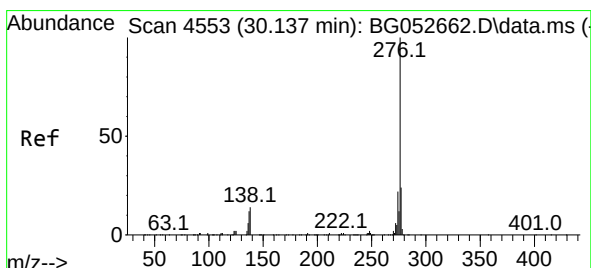
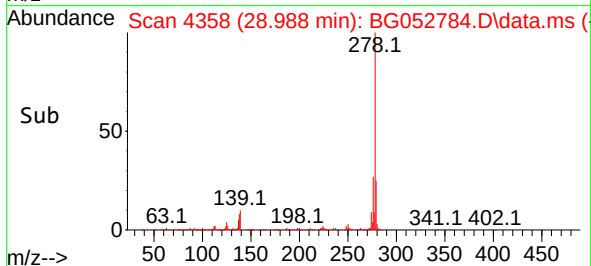
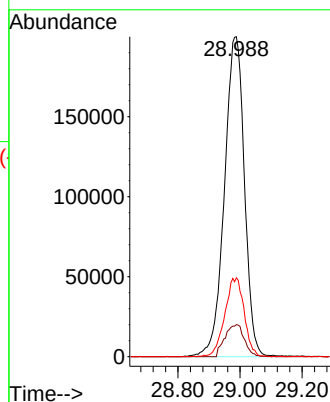
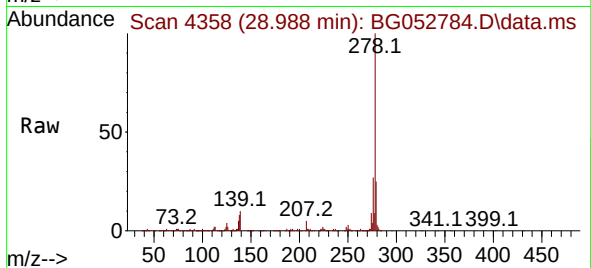
Tgt Ion:278 Resp: 89399
 Ion Ratio Lower Upper
 278 100
 139 10.0 7.8 11.6
 279 24.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#92

Benzo(g,h,i)perylene

Concen: 47.425 ng

RT: 30.110 min Scan# 4549

Delta R.T. -0.026 min

Lab File: BG052784.D

Acq: 22 Mar 2022 14:00

Tgt Ion:276 Resp: 887183
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.2 27.2
 138 14.4 9.1 13.7#

