

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056623.D
 Acq On : 13 Feb 2023 17:24
 Operator : CG/JU
 Sample : 01529-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-5.0-7.0MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 02:07:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	40167	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	146415	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	107092	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	250357	20.000	ng	0.00
76) Chrysene-d12	21.865	240	227593	20.000	ng	0.00
86) Perylene-d12	25.238	264	251172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	252577	115.676	ng	0.00
7) Phenol-d6	7.370	99	346665	107.154	ng	0.00
23) Nitrobenzene-d5	9.386	82	186070	72.165	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	146013	102.557	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	563122	72.902	ng	0.00
79) Terphenyl-d14	20.155	244	899231	69.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.504	88	36401	40.037	ng	# 94
3) Pyridine	3.927	79	98584	36.375	ng	97
4) n-Nitrosodimethylamine	3.845	42	23863	41.403	ng	94
6) Aniline	7.523	93	81733	19.296	ng	95
8) 2-Chlorophenol	7.776	128	120690	50.315	ng	99
9) Benzaldehyde	7.335	77	60654m	41.543	ng	
10) Phenol	7.400	94	157503	47.900	ng	99
11) bis(2-Chloroethyl)ether	7.617	93	101539	44.926	ng	95
12) 1,3-Dichlorobenzene	8.099	146	139116	50.372	ng	97
13) 1,4-Dichlorobenzene	8.246	146	138509	49.523	ng	99
14) 1,2-Dichlorobenzene	8.569	146	134628	49.612	ng	98
15) Benzyl Alcohol	8.451	79	95355m	42.959	ng	
16) 2,2'-oxybis(1-Chloropr...	8.739	45	21882	45.694	ng	96
17) 2-Methylphenol	8.663	107	109556	43.795	ng	97
18) Hexachloroethane	9.303	117	42014	49.666	ng	96
19) n-Nitroso-di-n-propyla...	9.015	70	74127	39.759	ng	98
20) 3+4-Methylphenols	8.992	107	148266	42.293	ng	97
22) Acetophenone	9.039	105	177501	45.627	ng	98
24) Nitrobenzene	9.433	77	114957	46.222	ng	98
25) Isophorone	9.950	82	221191	41.583	ng	99
26) 2-Nitrophenol	10.149	139	73168	48.488	ng	98
27) 2,4-Dimethylphenol	10.202	122	125612m	49.740	ng	
28) bis(2-Chloroethoxy)met...	10.426	93	133638	45.477	ng	98
29) 2,4-Dichlorophenol	10.696	162	140370	49.380	ng	98
30) 1,2,4-Trichlorobenzene	10.902	180	159158	50.384	ng	97
31) Naphthalene	11.095	128	423344	54.781	ng	99
32) Benzoic acid	10.373	122	39900m	28.240	ng	
33) 4-Chloroaniline	11.207	127	53350m	14.790	ng	
34) Hexachlorobutadiene	11.360	225	112961	50.944	ng	99
35) Caprolactam	11.983	113	38950m	40.628	ng	
36) 4-Chloro-3-methylphenol	12.323	107	122347	44.567	ng	98
37) 2-Methylnaphthalene	12.682	142	297054	46.626	ng	97
38) 1-Methylnaphthalene	12.899	142	268915	45.195	ng	99
40) 1,2,4,5-Tetrachloroben...	13.046	216	209043	53.430	ng	99
41) Hexachlorocyclopentadiene	13.017	237	123505	61.178	ng	99
43) 2,4,6-Trichlorophenol	13.287	196	125505	49.779	ng	100

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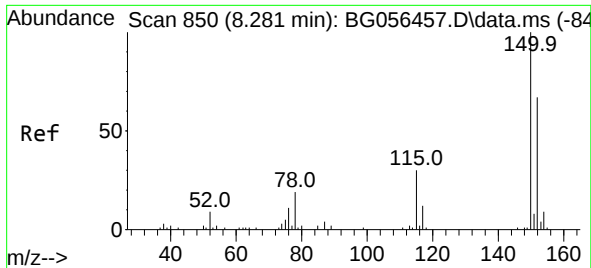
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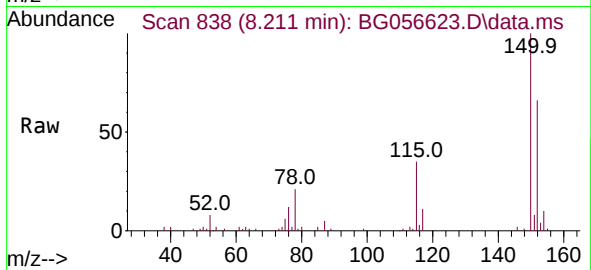
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.375	196	132186	44.779	ng	99
46) 1,1'-Biphenyl	13.675	154	395960	50.976	ng	100
47) 2-Chloronaphthalene	13.728	162	313801	51.685	ng	100
48) 2-Nitroaniline	13.927	65	59760	47.613	ng	94
49) Acenaphthylene	14.568	152	476815	48.270	ng	99
50) Dimethylphthalate	14.280	163	384447	44.373	ng	99
51) 2,6-Dinitrotoluene	14.415	165	84627	44.790	ng	99
52) Acenaphthene	14.903	154	373634	63.784	ng	99
53) 3-Nitroaniline	14.744	138	50568	27.606	ng	98
54) 2,4-Dinitrophenol	14.967	184	85250m	71.970	ng	
55) Dibenzofuran	15.238	168	567277	53.999	ng	100
56) 4-Nitrophenol	15.073	139	102402	81.815	ng	98
57) 2,4-Dinitrotoluene	15.208	165	120282	45.195	ng	99
58) Fluorene	15.884	166	495876	59.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.467	232	115483	43.999	ng	98
60) Diethylphthalate	15.631	149	354487	43.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.860	204	235382	46.146	ng	97
62) 4-Nitroaniline	15.907	138	72445	39.525	ng	98
63) Azobenzene	16.154	77	273169	48.798	ng	99
65) 4,6-Dinitro-2-methylph...	15.972	198	67785	38.511	ng	99
66) n-Nitrosodiphenylamine	16.078	169	346605	48.898	ng	98
67) 4-Bromophenyl-phenylether	16.753	248	154760	48.287	ng	98
68) Hexachlorobenzene	16.889	284	162273	51.695	ng	98
69) Atrazine	17.018	200	142486	52.105	ng	95
70) Pentachlorophenol	17.235	266	114122	60.083	ng	96
71) Phenanthrene	17.629	178	1677289	128.006	ng	99
72) Anthracene	17.717	178	958230	71.240	ng	99
73) Carbazole	17.981	167	671616	58.626	ng	100
74) Di-n-butylphthalate	18.504	149	553529	46.017	ng	100
75) Fluoranthene	19.621	202	2001915	121.051	ng	97
77) Benzidine	19.785	184	295733	48.017	ng	99
78) Pyrene	19.985	202	1762340	108.875	ng	97
80) Butylbenzylphthalate	20.831	149	228417	46.205	ng	98
81) Benzo(a)anthracene	21.842	228	1394447	87.639	ng	98
82) 3,3'-Dichlorobenzidine	21.742	252	148646	25.942	ng	99
83) Chrysene	21.912	228	1219438	81.576	ng	98
84) Bis(2-ethylhexyl)phtha...	21.695	149	331968	46.838	ng	98
85) Di-n-octyl phthalate	22.946	149	554141	46.948	ng	99
87) Indeno(1,2,3-cd)pyrene	29.145	276	1184418	64.419	ng	99
88) Benzo(b)fluoranthene	24.168	252	1409465	90.408	ng	99
89) Benzo(k)fluoranthene	24.233	252	1008458	64.069	ng	98
90) Benzo(a)pyrene	25.085	252	1171230	76.267	ng	99
91) Dibenzo(a,h)anthracene	29.192	278	834496	54.071	ng	99
92) Benzo(g,h,i)perylene	30.367	276	981889	65.936	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

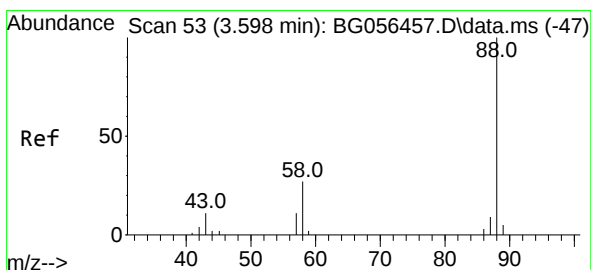
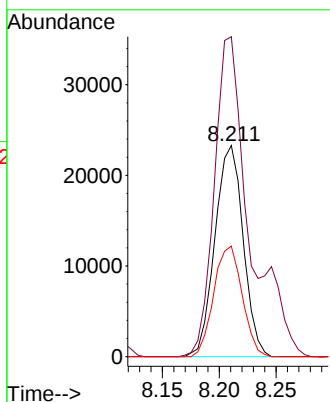
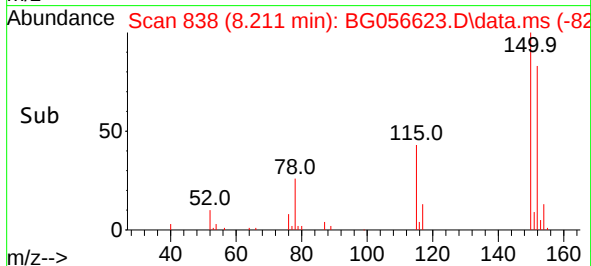
Instrument :
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ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:152 Resp: 40162
Ion Ratio Lower Upper
152 100
150 151.6 120.2 180.4
115 52.3 36.3 54.5

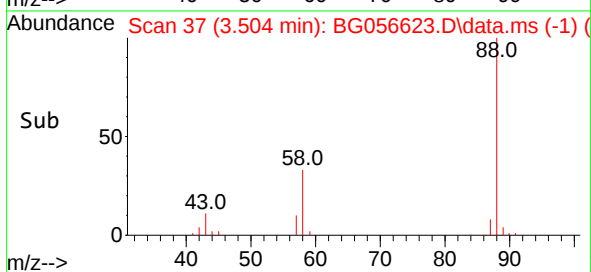
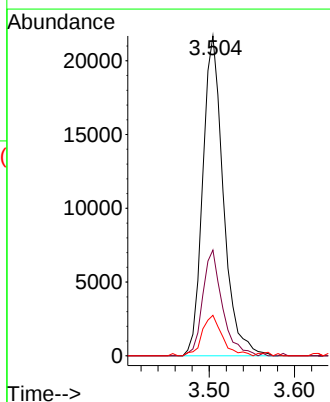
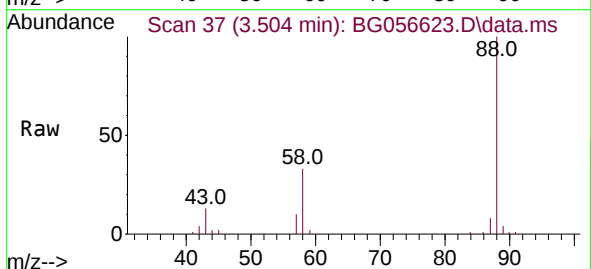
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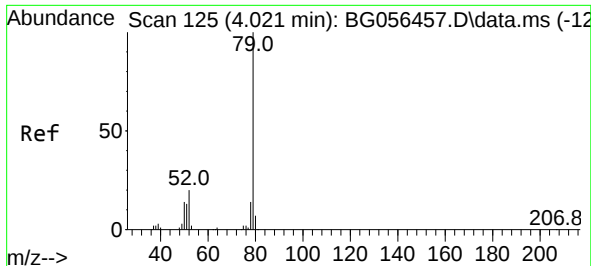
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#2
1,4-Dioxane
Concen: 40.037 ng
RT: 3.504 min Scan# 37
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 88 Resp: 36401
Ion Ratio Lower Upper
88 100
58 31.8 23.0 34.4
43 12.5 8.0 12.0#





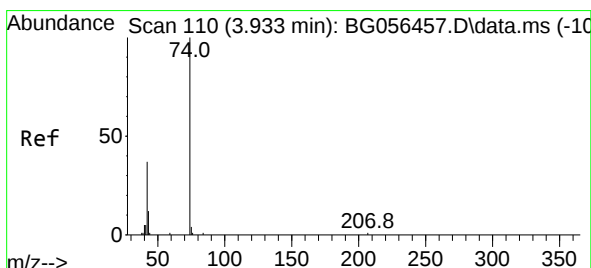
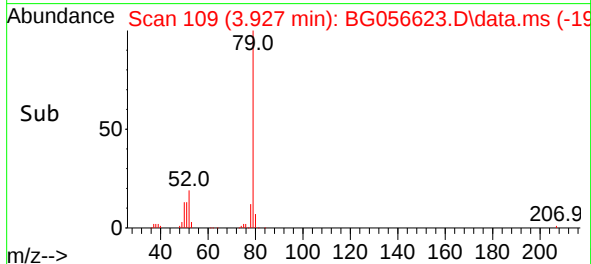
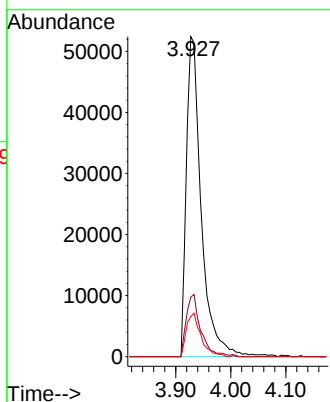
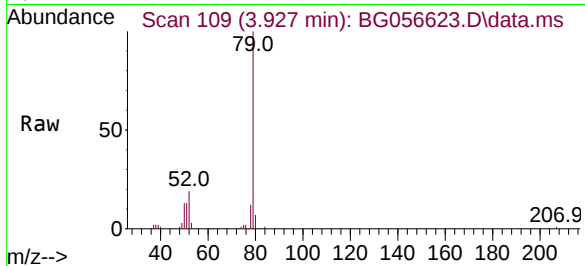
#3
Pyridine
Concen: 36.375 ng
RT: 3.927 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion: 79 Resp: 98584
Ion Ratio Lower Upper
79 100
52 18.6 16.1 24.1
51 12.6 10.7 16.1

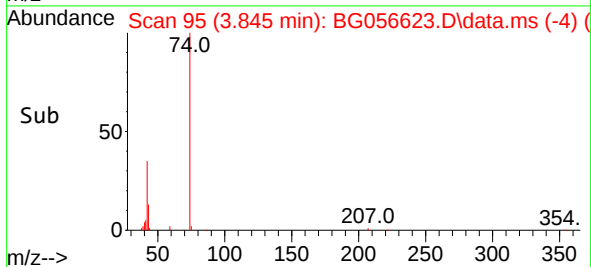
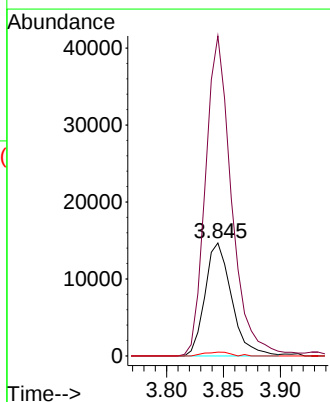
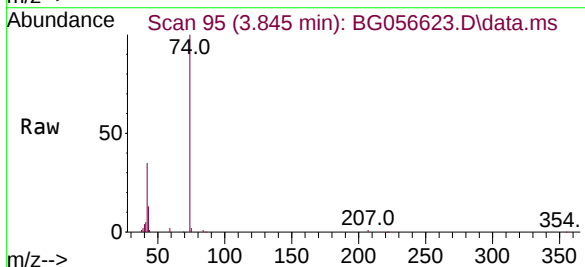
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Supervised By :Jagrut Upadhyay 02/14/2023



#4
n-Nitrosodimethylamine
Concen: 41.403 ng
RT: 3.845 min Scan# 95
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 42 Resp: 23863
Ion Ratio Lower Upper
42 100
74 283.4 217.9 326.9
44 3.3 3.0 4.6





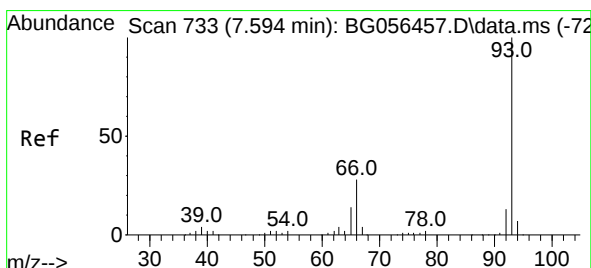
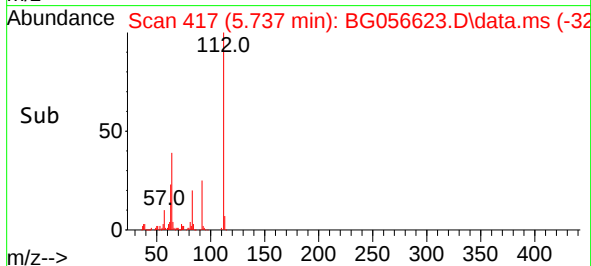
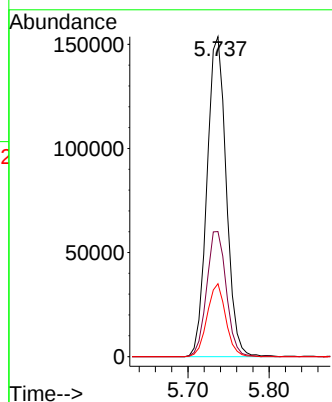
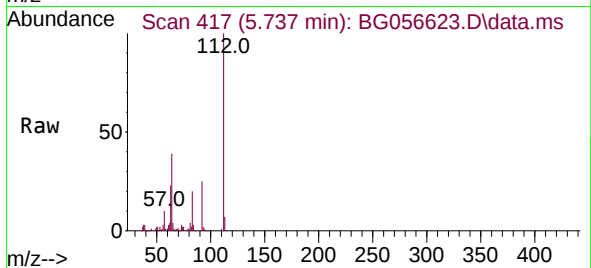
#5
2-Fluorophenol
Concen: 115.676 ng
RT: 5.737 min Scan# 417
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion: 112 Resp: 25257
Ion Ratio Lower Upper
112 100
64 39.1 31.9 47.9
63 22.8 17.4 26.0

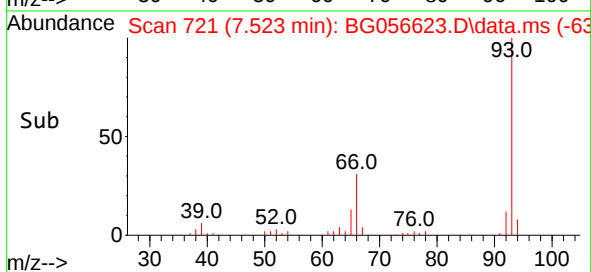
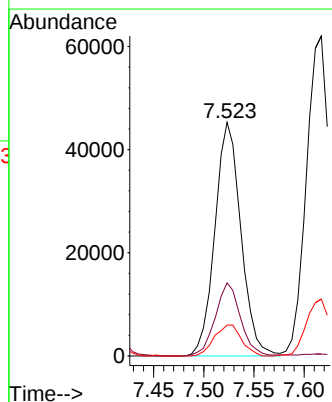
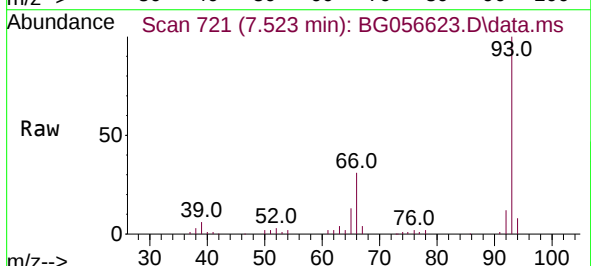
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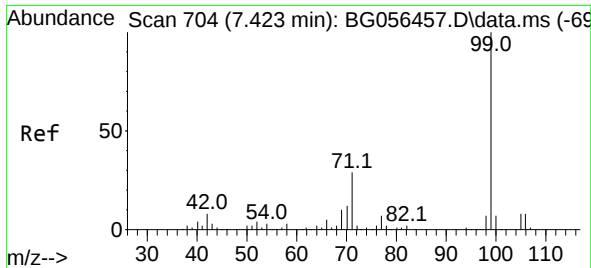
Reviewed By :Christian Giraldo 02/14/2023
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#6
Aniline
Concen: 19.296 ng
RT: 7.523 min Scan# 721
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

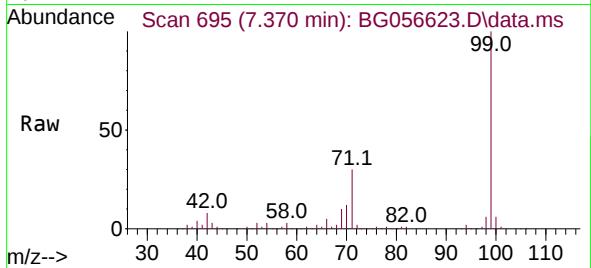
Tgt Ion: 93 Resp: 81733
Ion Ratio Lower Upper
93 100
66 31.2 22.2 33.2
65 13.2 11.3 16.9





#7
Phenol-d6
Concen: 107.154 ng
RT: 7.370 min Scan# 695
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

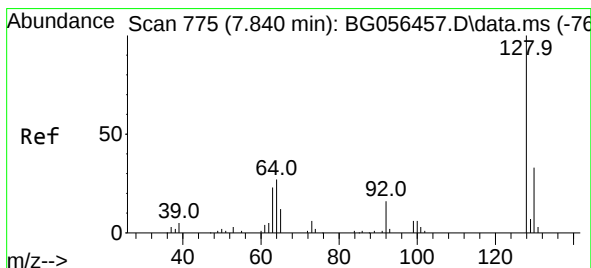
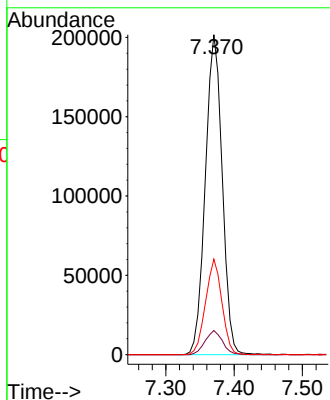
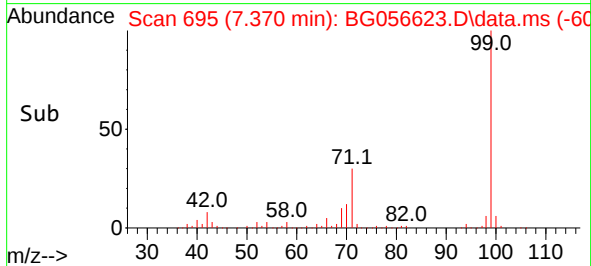
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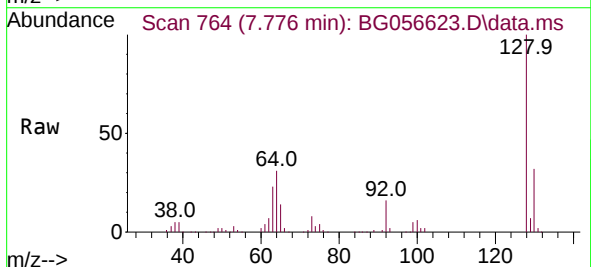
Tgt Ion: 99 Resp: 346665
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.8 23.4 35.0

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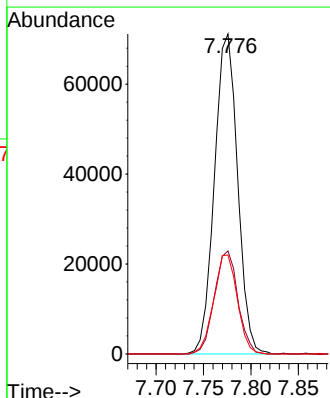
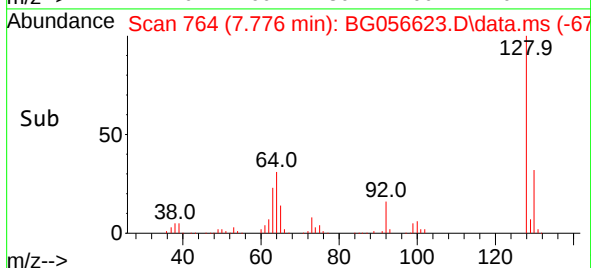
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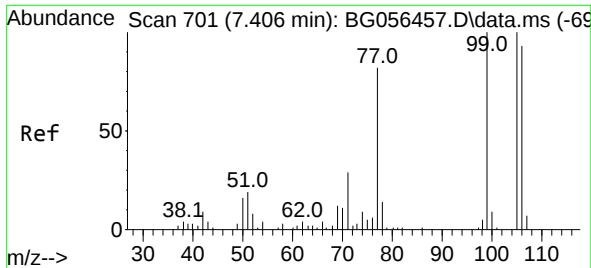


#8
2-Chlorophenol
Concen: 50.315 ng
RT: 7.776 min Scan# 764
Delta R.T. 0.003 min
Lab File: BG056623.D
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Tgt Ion:128 Resp: 120690
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 30.9 11.3 51.3





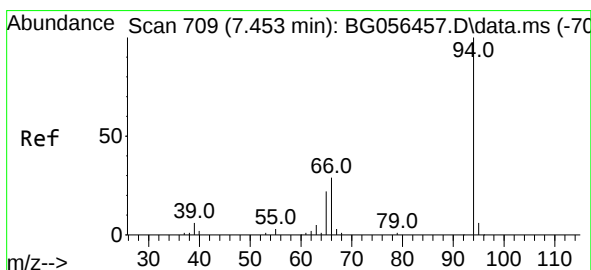
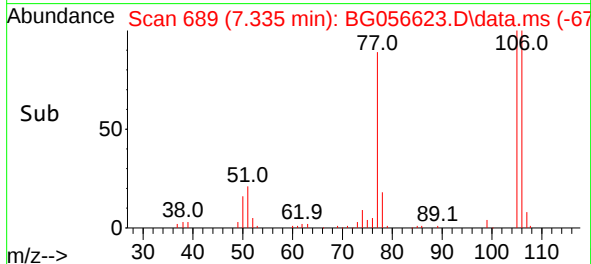
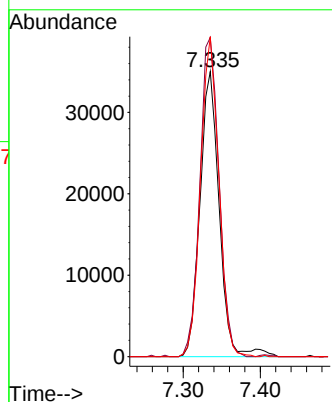
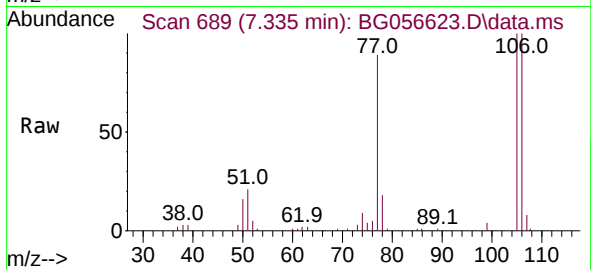
#9
Benzaldehyde
Concen: 41.543 ng m
RT: 7.335 min Scan# 689
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion: 77 Resp: 60654
Ion Ratio Lower Upper
77 100
105 111.9 101.8 141.8
106 112.2 93.0 133.0

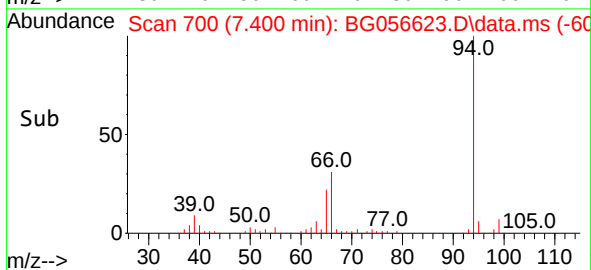
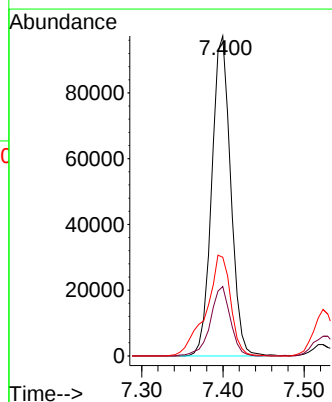
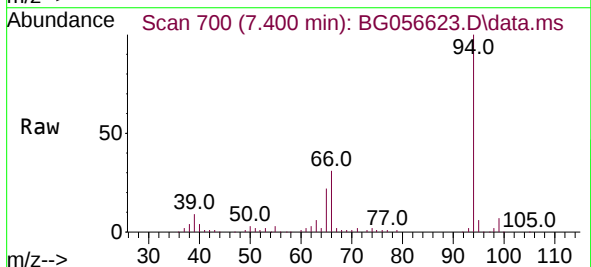
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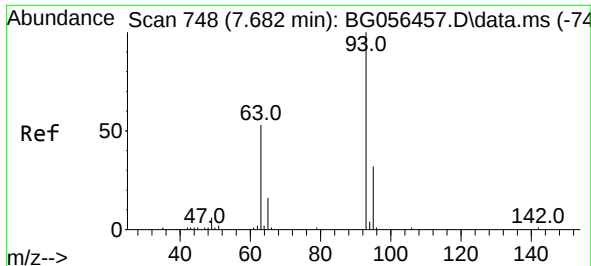
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#10
Phenol
Concen: 47.900 ng
RT: 7.400 min Scan# 700
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

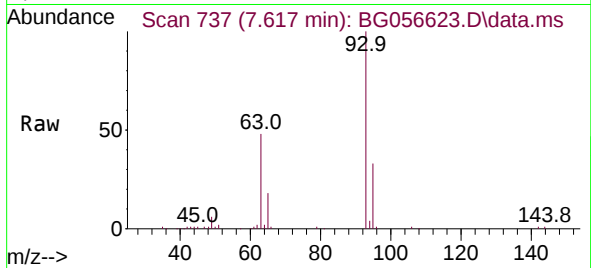
Tgt Ion: 94 Resp: 157503
Ion Ratio Lower Upper
94 100
65 21.7 2.3 42.3
66 30.8 11.2 51.2





#11
bis(2-Chloroethyl)ether
Concen: 44.926 ng
RT: 7.617 min Scan# 748
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

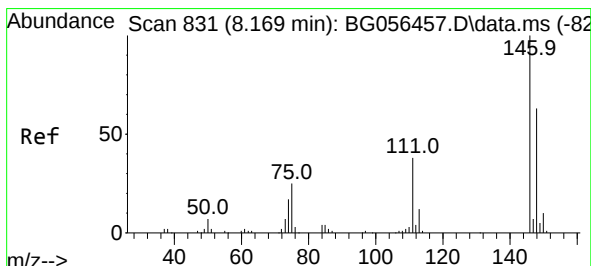
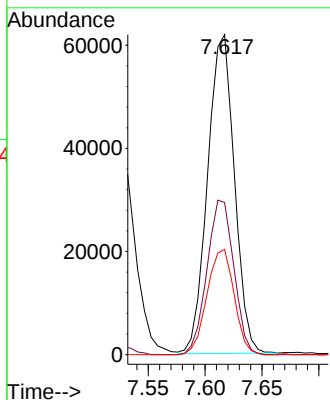
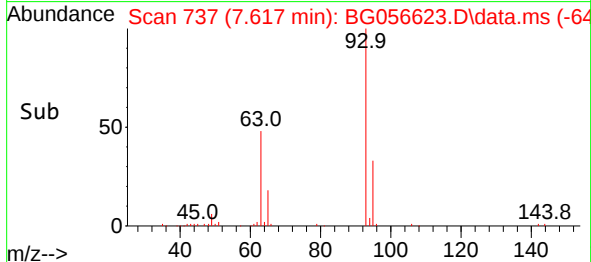
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



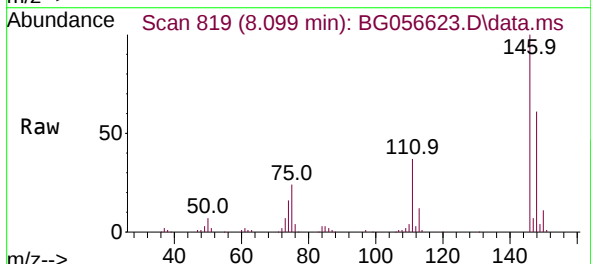
Tgt Ion: 93 Resp: 101539
Ion Ratio Lower Upper
93 100
63 47.6 32.4 72.4
95 32.9 11.8 51.8

Manual Integrations
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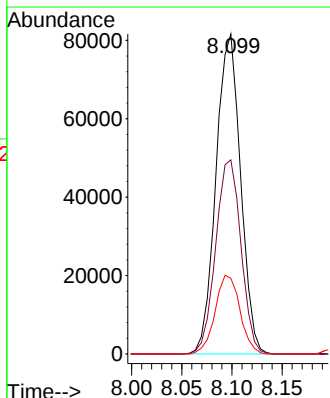
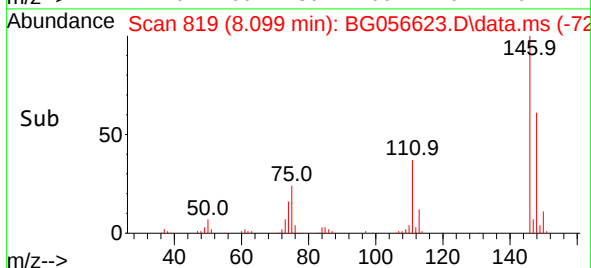
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

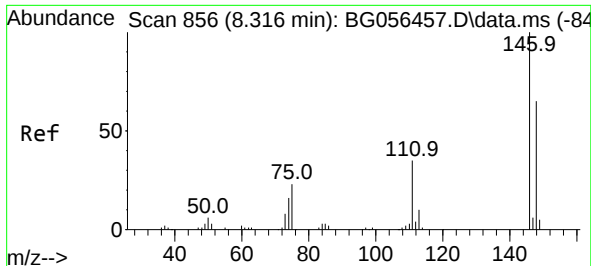


#12
1,3-Dichlorobenzene
Concen: 50.372 ng
RT: 8.099 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:146 Resp: 139116
Ion Ratio Lower Upper
146 100
148 60.6 50.6 75.8
75 23.6 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.523 ng

RT: 8.246 min Scan# 84

Delta R.T. 0.003 min

Lab File: BG056623.D

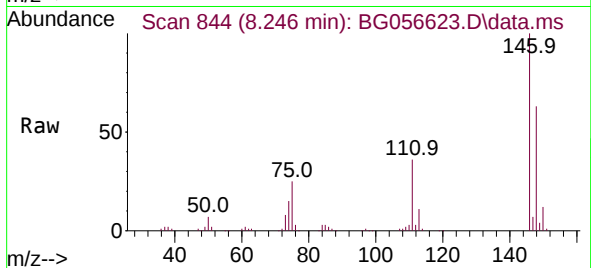
Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SB-01-5.0-7.0MSD



Tgt Ion:146 Resp: 138509

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

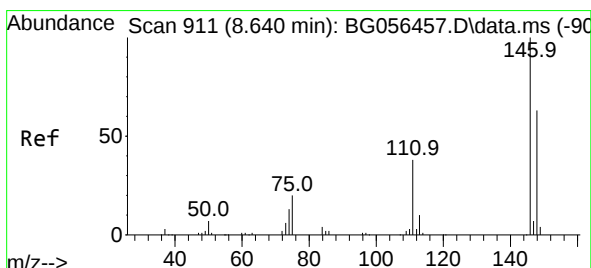
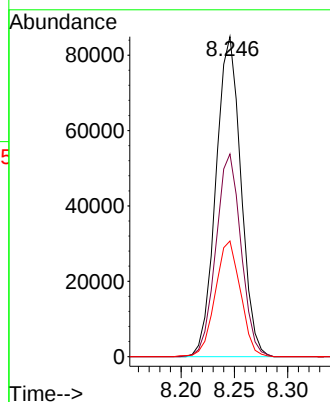
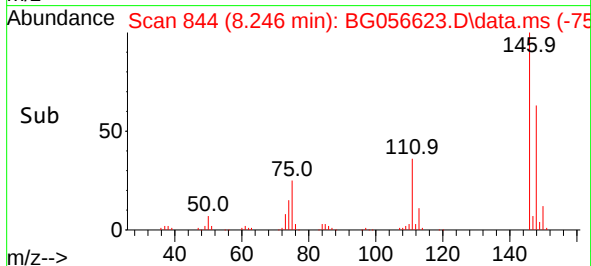
111 36.1 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#14

1,2-Dichlorobenzene

Concen: 49.612 ng

RT: 8.569 min Scan# 899

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

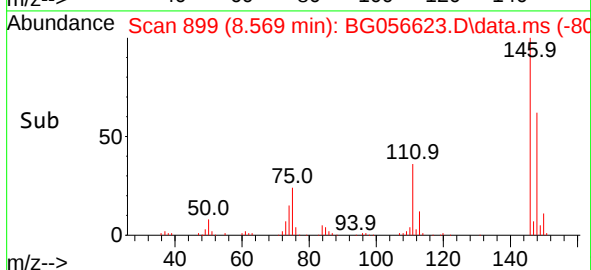
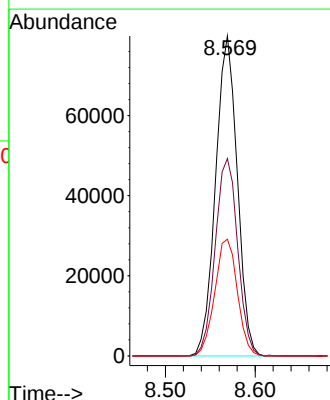
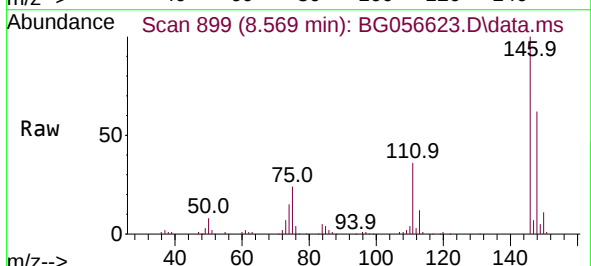
Tgt Ion:146 Resp: 134628

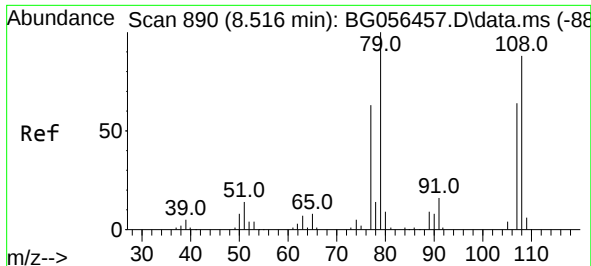
Ion Ratio Lower Upper

146 100

148 61.7 50.1 75.1

111 36.5 30.9 46.3





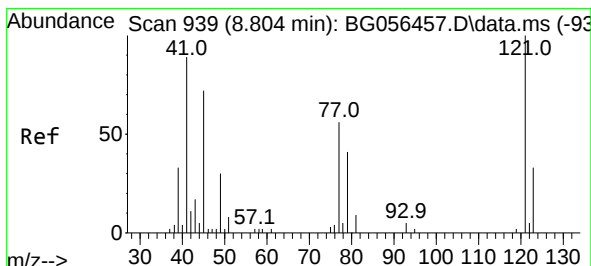
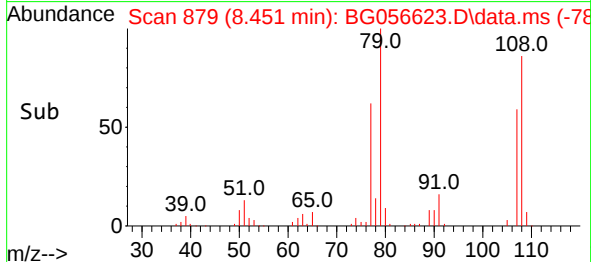
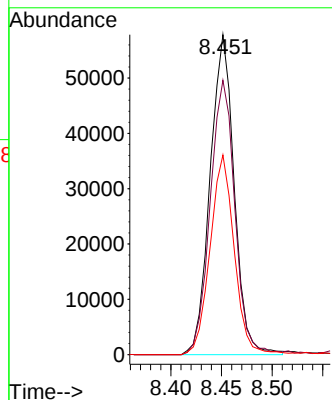
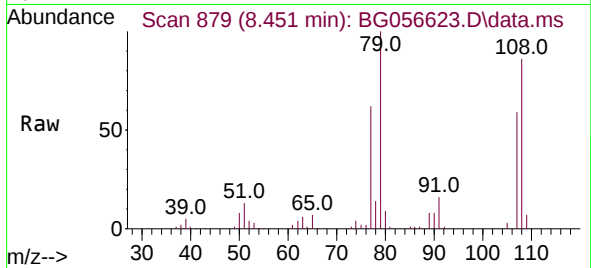
#15
Benzyl Alcohol
Concen: 42.959 ng m
RT: 8.451 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion: 79 Resp: 9535
Ion Ratio Lower Upper
79 100
108 85.7 70.1 105.1
77 62.4 50.3 75.5

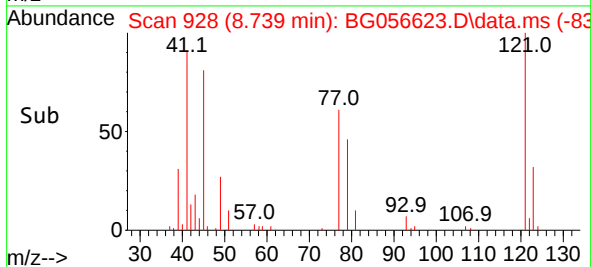
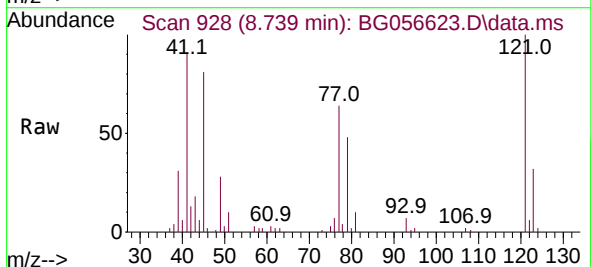
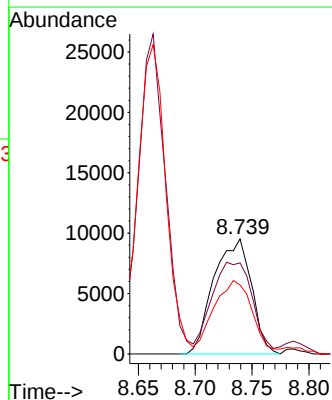
Manual Integrations
APPROVED

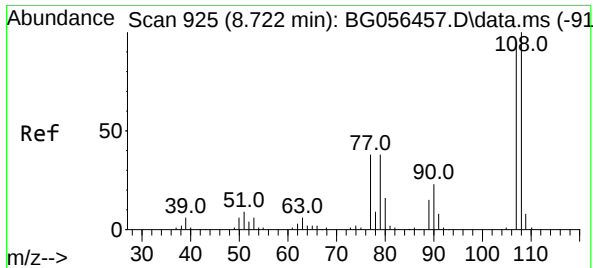
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.694 ng
RT: 8.739 min Scan# 928
Delta R.T. 0.015 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

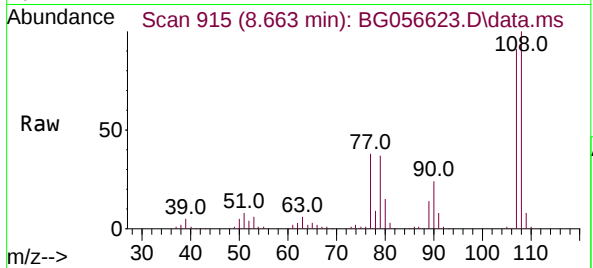
Tgt Ion: 45 Resp: 21882
Ion Ratio Lower Upper
45 100
77 79.0 62.1 102.1
79 59.8 42.7 82.7





#17
2-Methylphenol
Concen: 43.795 ng
RT: 8.663 min Scan# 915
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

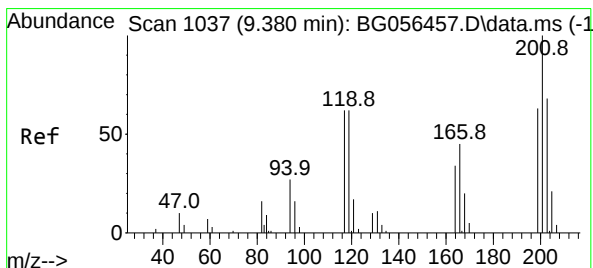
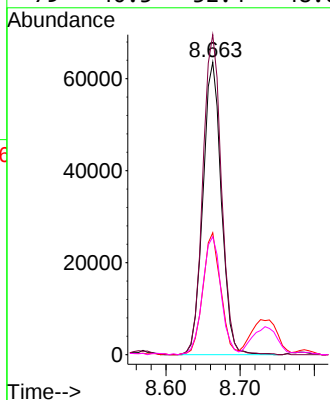
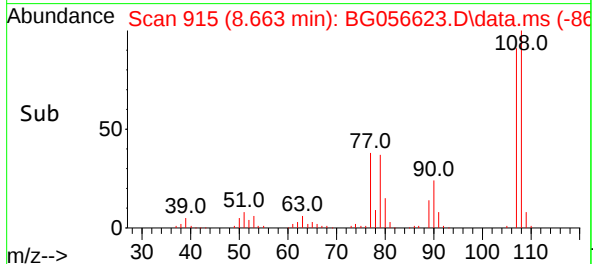


Tgt Ion:107 Resp: 109556

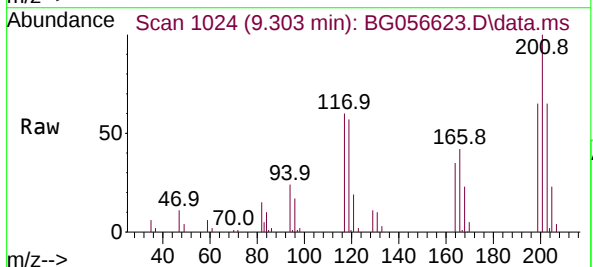
Ion	Ratio	Lower	Upper
107	100		
108	109.4	83.9	125.9
77	41.7	31.6	47.4
79	40.3	32.4	48.6

Manual Integrations
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Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

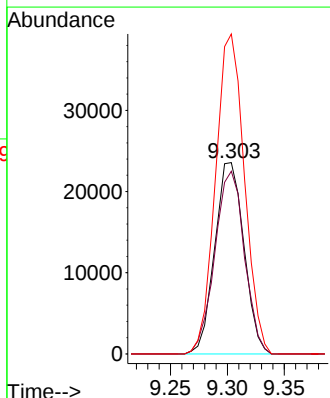
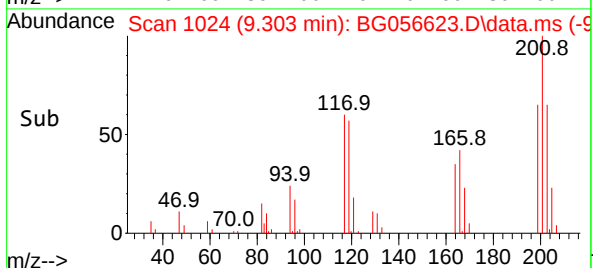


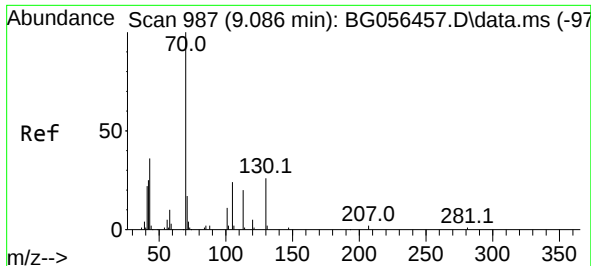
#18
Hexachloroethane
Concen: 49.666 ng
RT: 9.303 min Scan# 1024
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:117 Resp: 42014

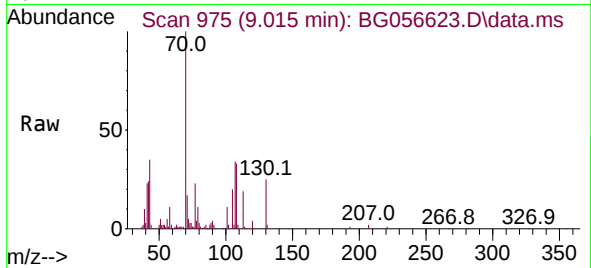
Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.4	119.0
201	167.2	128.5	192.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.759 ng
RT: 9.015 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

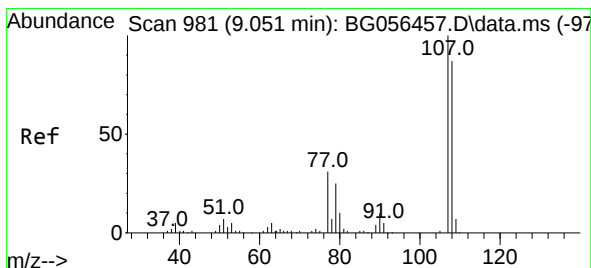
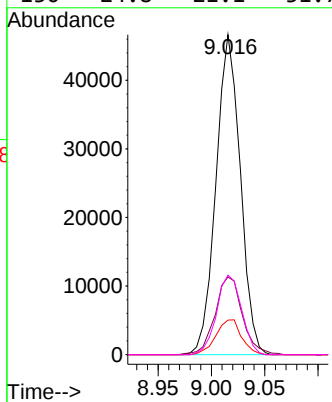
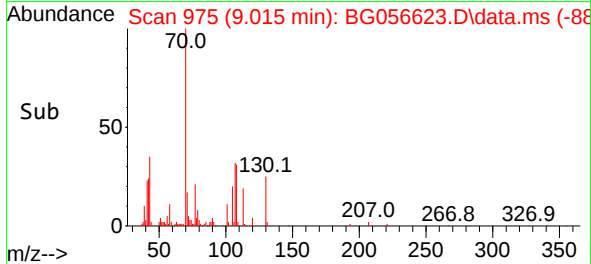
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion: 70 Resp: 7412
Ion Ratio Lower Upper
70 100
42 24.3 20.2 30.4
101 10.8 9.1 13.7
130 24.8 21.1 31.7

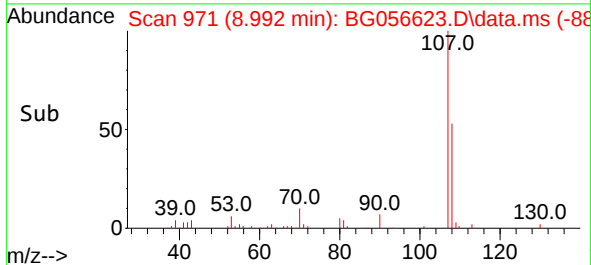
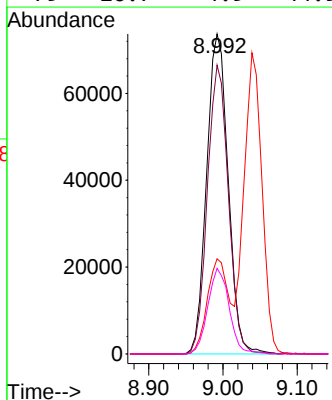
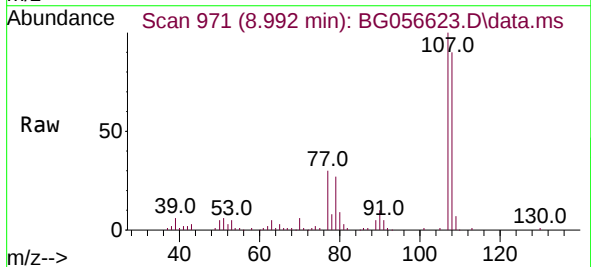
Manual Integrations
APPROVED

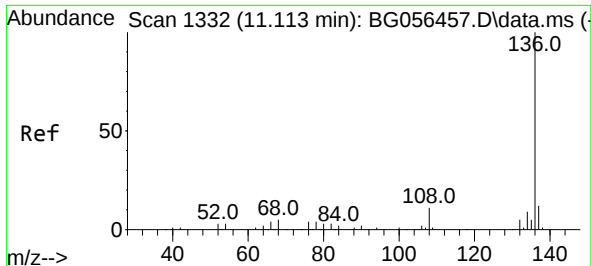
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#20
3+4-Methylphenols
Concen: 42.293 ng
RT: 8.992 min Scan# 971
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

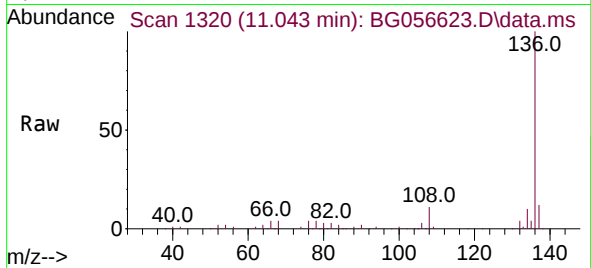
Tgt Ion:107 Resp: 148266
Ion Ratio Lower Upper
107 100
108 90.2 66.7 106.7
77 29.7 10.6 50.6
79 26.7 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

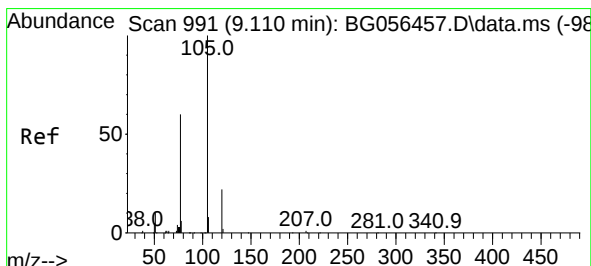
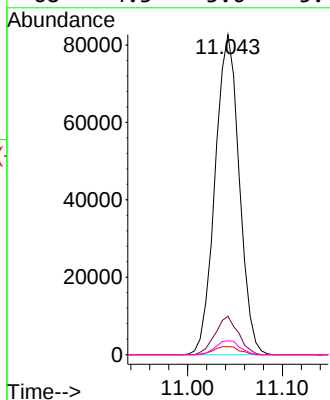
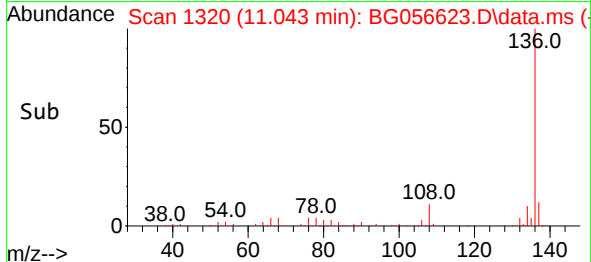
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:136 Resp: 146415
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.5 2.2 3.4
68 4.3 3.6 5.4

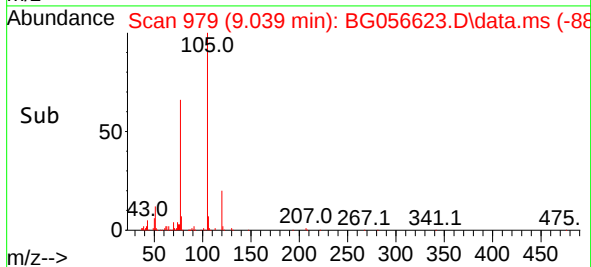
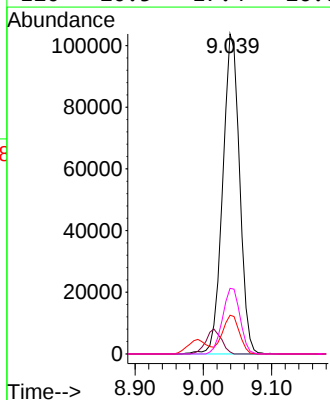
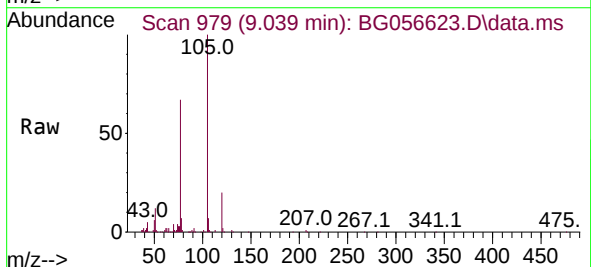
Manual Integrations
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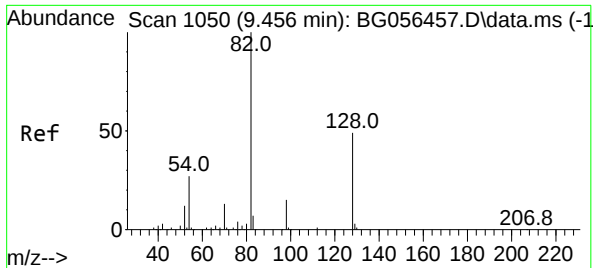
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#22
Acetophenone
Concen: 45.627 ng
RT: 9.039 min Scan# 979
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

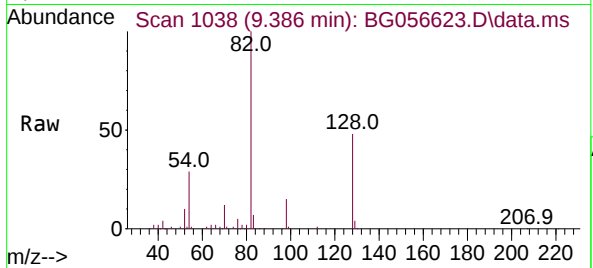
Tgt Ion:105 Resp: 177501
Ion Ratio Lower Upper
105 100
71 0.6 0.6 0.8
51 12.1 9.2 13.8
120 20.5 17.4 26.0





#23
Nitrobenzene-d5
Concen: 72.165 ng
RT: 9.386 min Scan# 1046
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

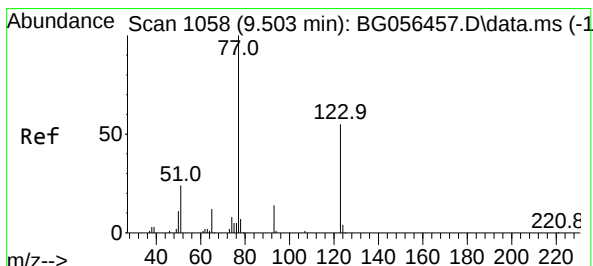
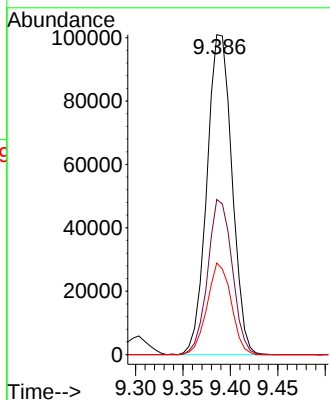
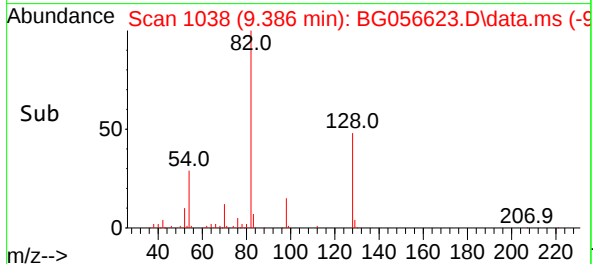
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion: 82 Resp: 186070
Ion Ratio Lower Upper
82 100
128 48.5 39.4 59.2
54 28.6 21.4 32.2

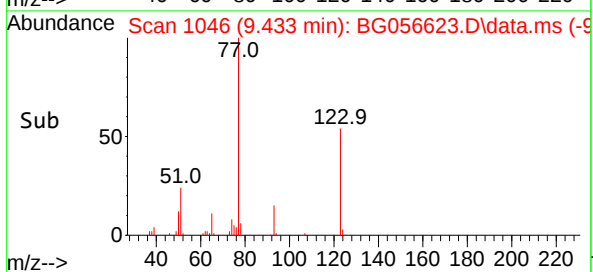
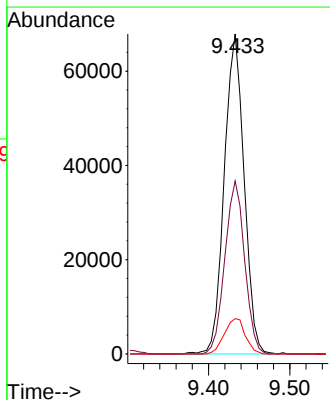
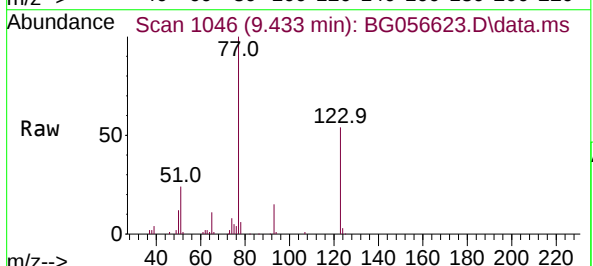
Manual Integrations
APPROVED

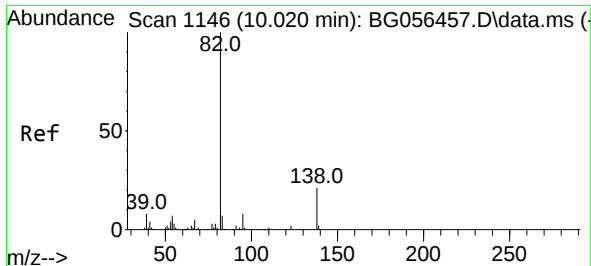
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#24
Nitrobenzene
Concen: 46.222 ng
RT: 9.433 min Scan# 1046
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

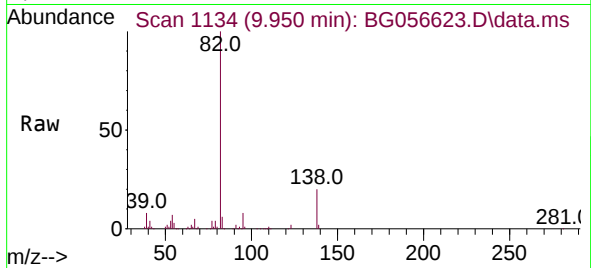
Tgt Ion: 77 Resp: 114957
Ion Ratio Lower Upper
77 100
123 54.0 44.0 66.0
65 11.0 9.7 14.5





#25
Isophorone
Concen: 41.583 ng
RT: 9.950 min Scan# 1146
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

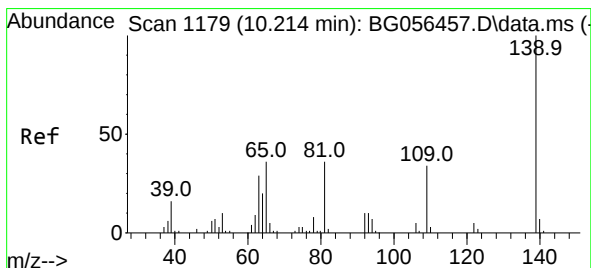
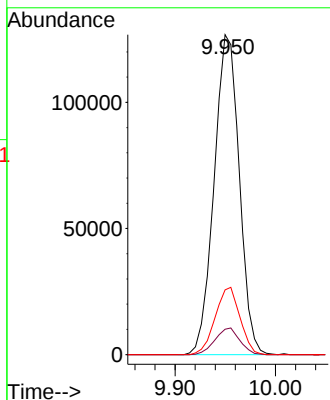
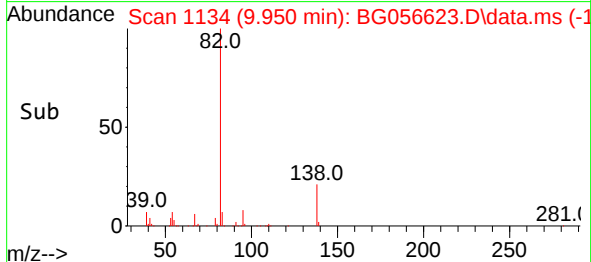
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion: 82 Resp: 221191
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 20.2 16.6 25.0

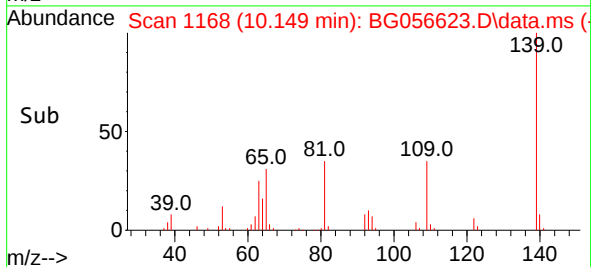
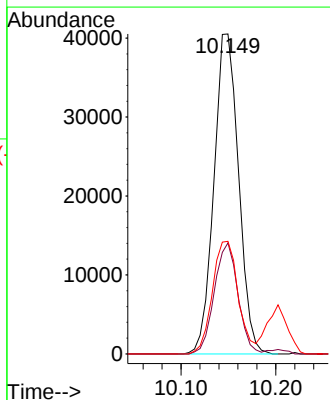
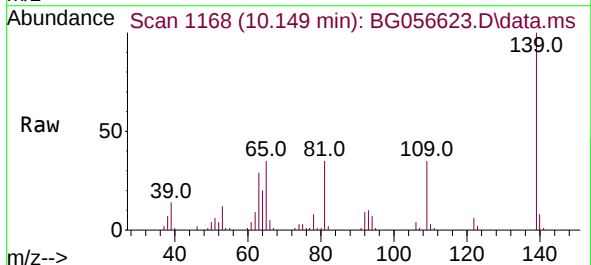
Manual Integrations
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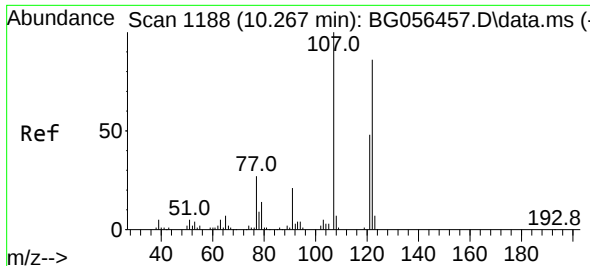
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#26
2-Nitrophenol
Concen: 48.488 ng
RT: 10.149 min Scan# 1168
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

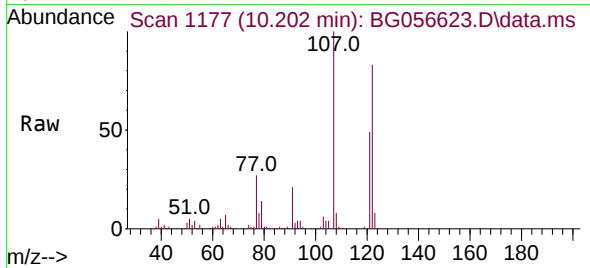
Tgt Ion:139 Resp: 73168
Ion Ratio Lower Upper
139 100
109 34.7 26.9 40.3
65 35.2 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 49.740 ng m
RT: 10.202 min Scan# 1188
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

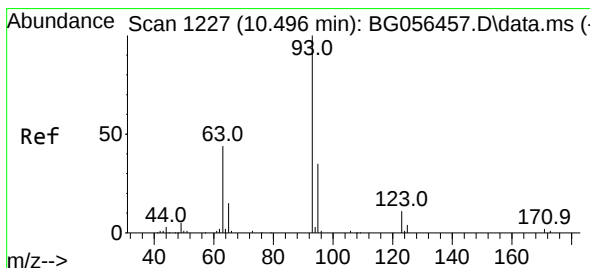
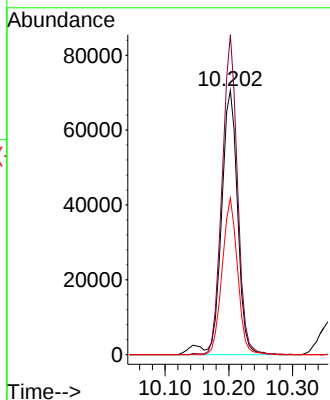
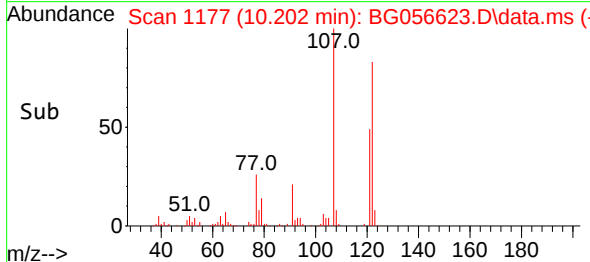
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:122 Resp: 125612
Ion Ratio Lower Upper
122 100
107 121.2 92.9 139.3
121 59.3 45.0 67.4

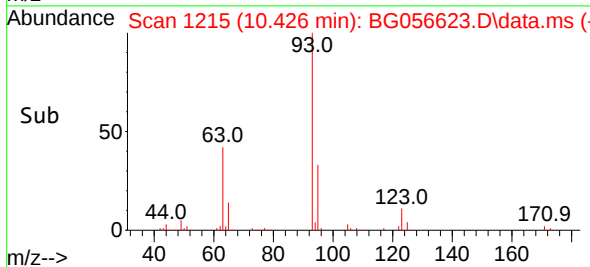
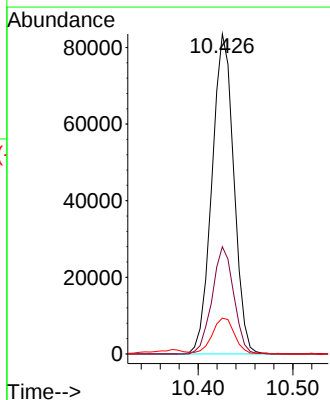
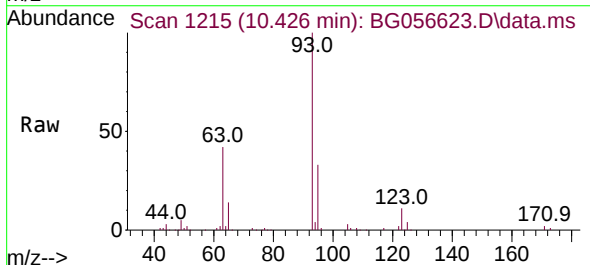
Manual Integrations
APPROVED

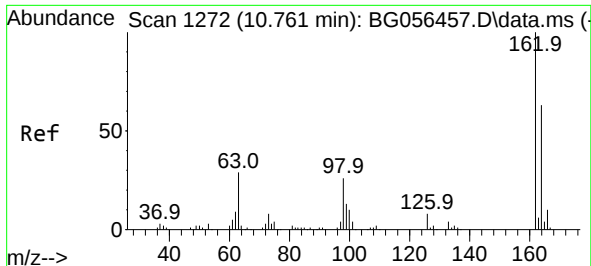
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.477 ng
RT: 10.426 min Scan# 1215
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion: 93 Resp: 133638
Ion Ratio Lower Upper
93 100
95 33.5 27.9 41.9
123 11.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.380 ng

RT: 10.696 min Scan# 1261

Delta R.T. -0.003 min

Lab File: BG056623.D

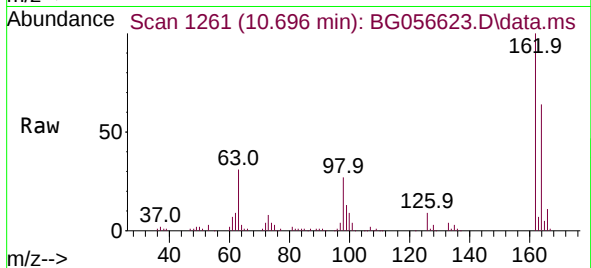
Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SB-01-5.0-7.0MSD



Tgt Ion:162 Resp: 140370

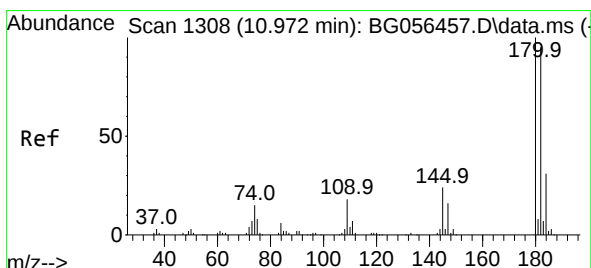
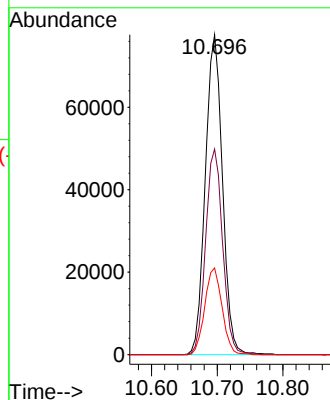
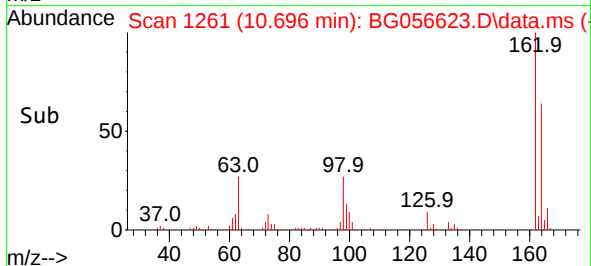
Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.8	82.8
98	27.1	6.5	46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.384 ng

RT: 10.902 min Scan# 1296

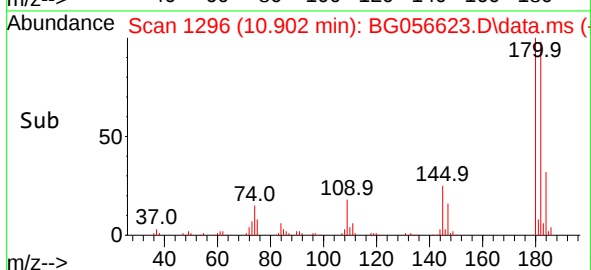
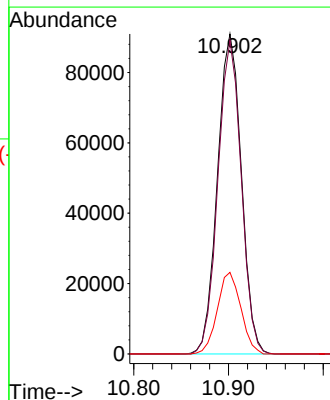
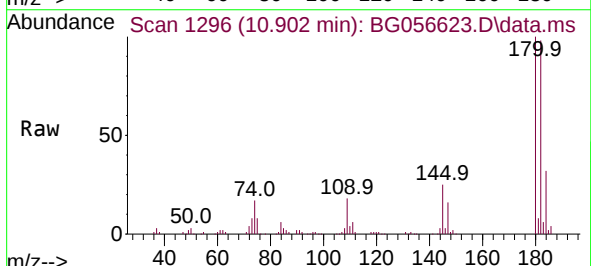
Delta R.T. -0.003 min

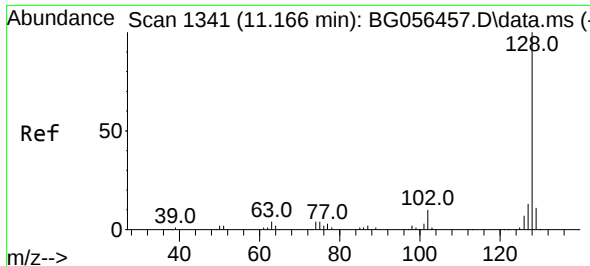
Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Tgt Ion:180 Resp: 159158

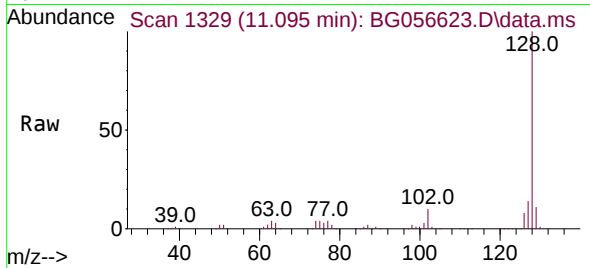
Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.9	113.9
145	25.5	19.4	29.0





#31
Naphthalene
Concen: 54.781 ng
RT: 11.095 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

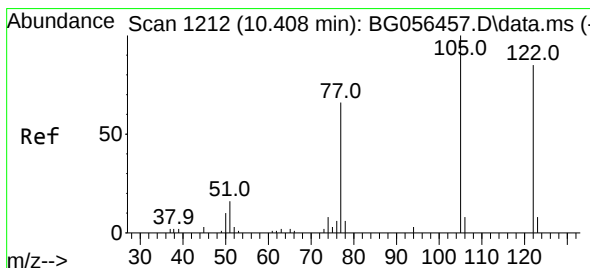
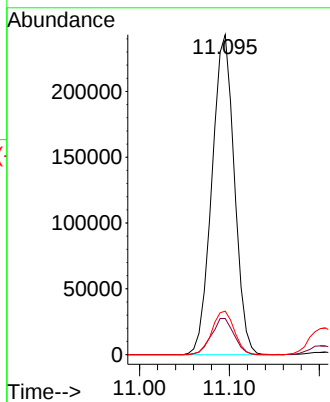
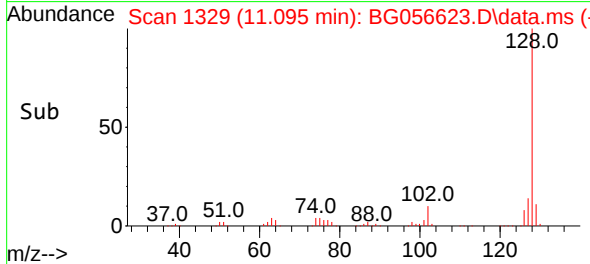
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



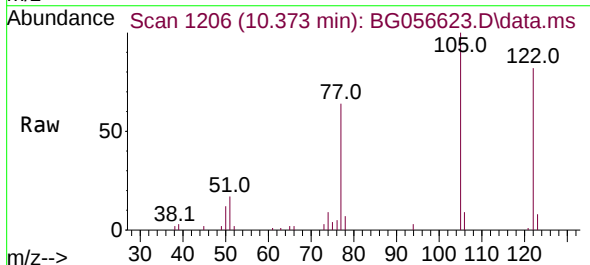
Tgt Ion:128 Resp: 423344
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.4 15.6

Manual Integrations
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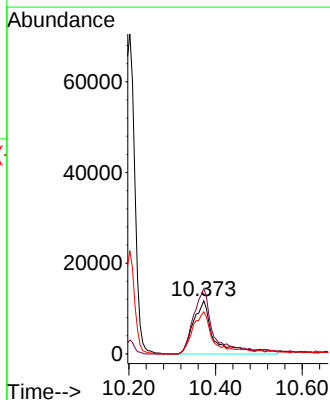
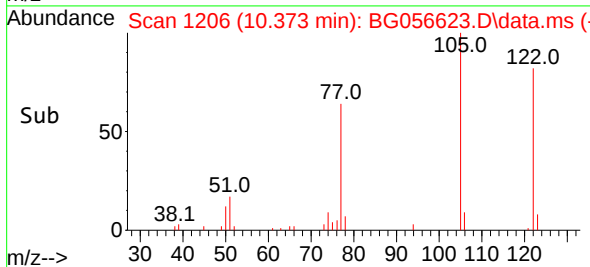
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

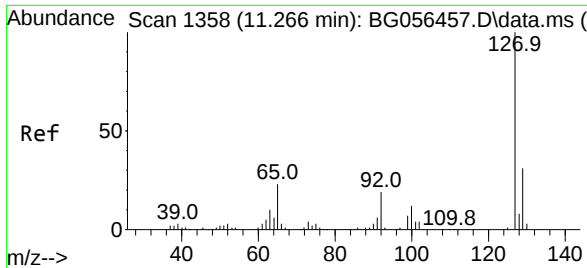


#32
Benzoic acid
Concen: 28.240 ng m
RT: 10.373 min Scan# 1206
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:122 Resp: 39900
Ion Ratio Lower Upper
122 100
105 122.7 96.5 136.5
77 79.0 57.3 97.3





#33
4-Chloroaniline
Concen: 14.790 ng m
RT: 11.207 min Scan# 1358
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

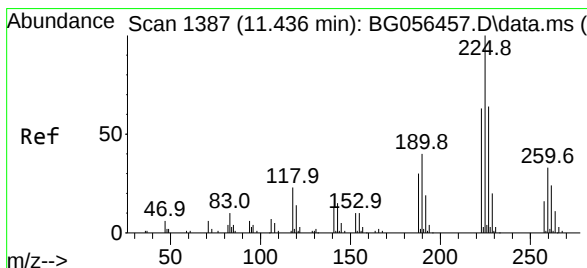
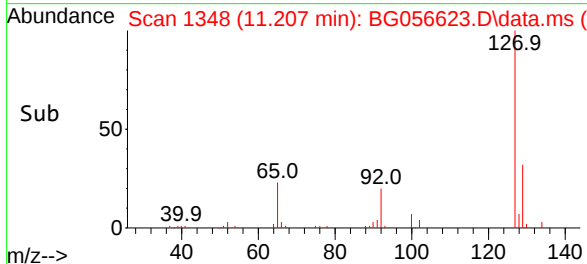
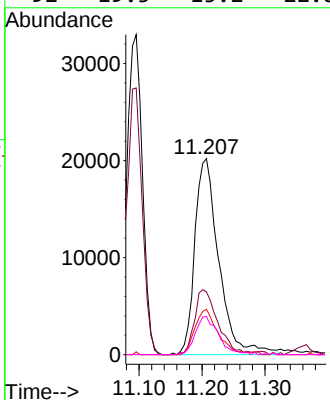
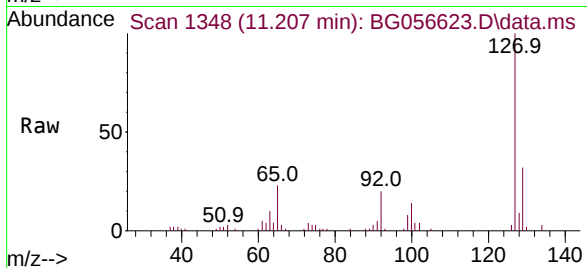
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion:127 Resp: 53350

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.6
65	23.1	18.5	27.7
92	19.5	15.2	22.8

Manual Integrations
APPROVED

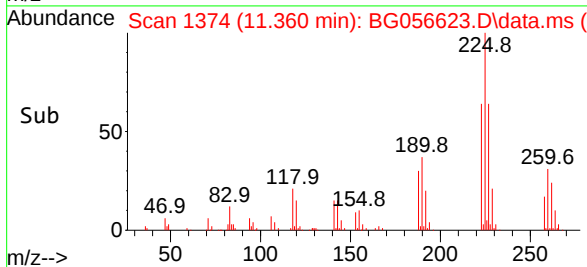
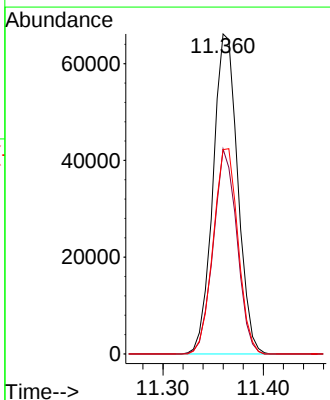
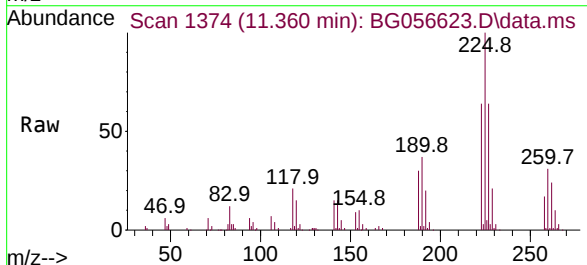
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

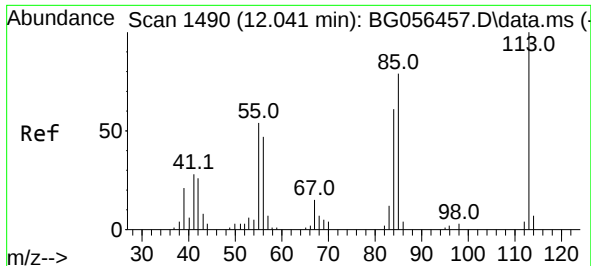


#34
Hexachlorobutadiene
Concen: 50.944 ng
RT: 11.360 min Scan# 1374
Delta R.T. -0.008 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:225 Resp: 112961

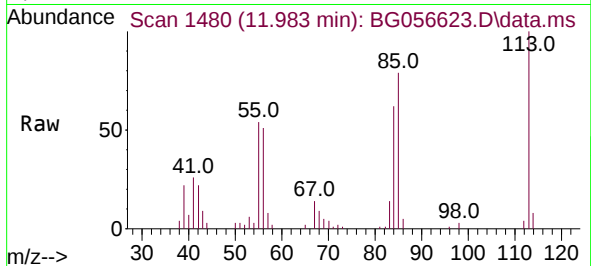
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	75.8
227	66.9	53.7	80.5





#35
Caprolactam
Concen: 40.628 ng m
RT: 11.983 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

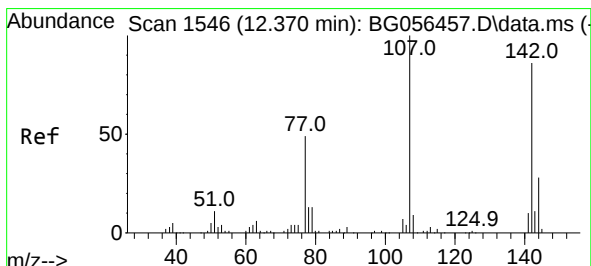
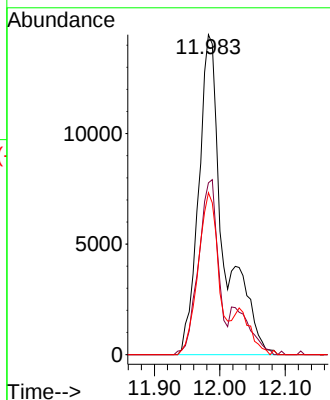
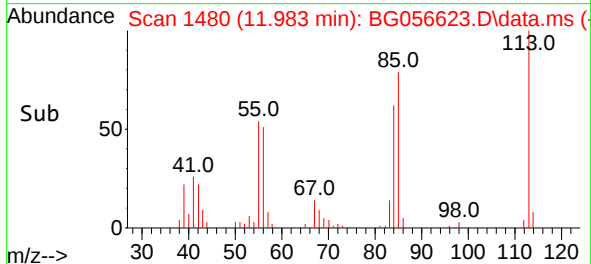
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:113 Resp: 38950
Ion Ratio Lower Upper
113 100
55 53.7 33.7 73.7
56 50.6 27.1 67.1

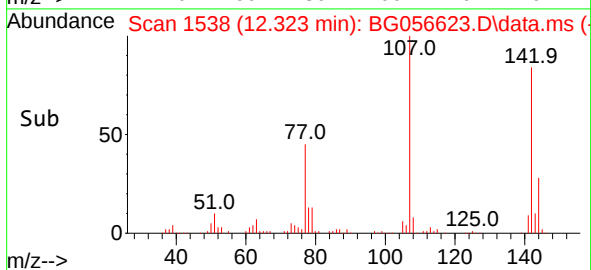
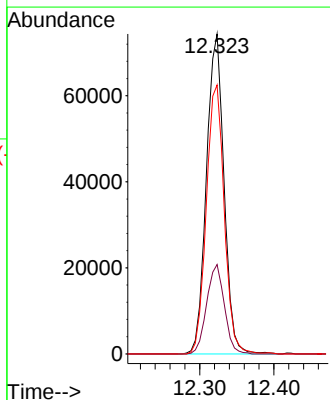
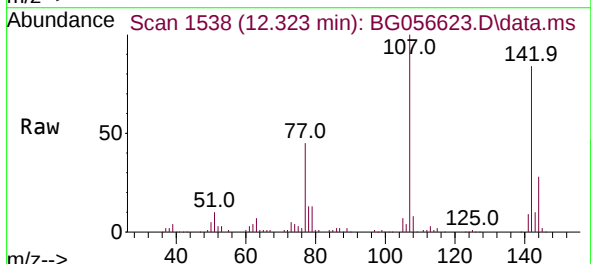
Manual Integrations
APPROVED

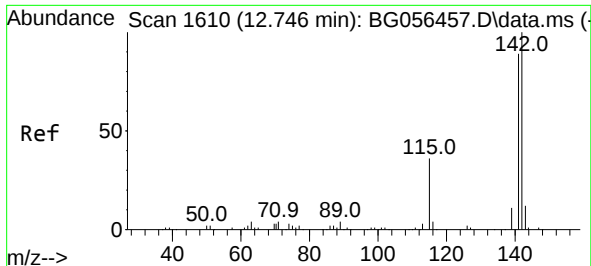
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#36
4-Chloro-3-methylphenol
Concen: 44.567 ng
RT: 12.323 min Scan# 1538
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:107 Resp: 122347
Ion Ratio Lower Upper
107 100
144 27.9 22.3 33.5
142 84.0 68.9 103.3





#37

2-Methylnaphthalene

Concen: 46.626 ng

RT: 12.682 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SB-01-5.0-7.0MSD

Tgt Ion:142 Resp: 297054

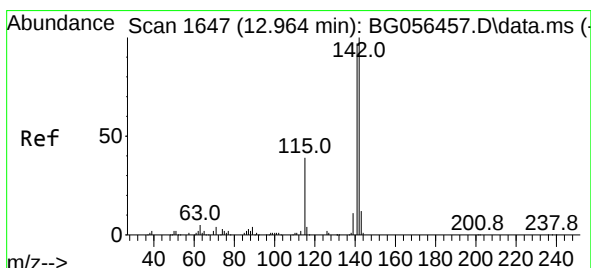
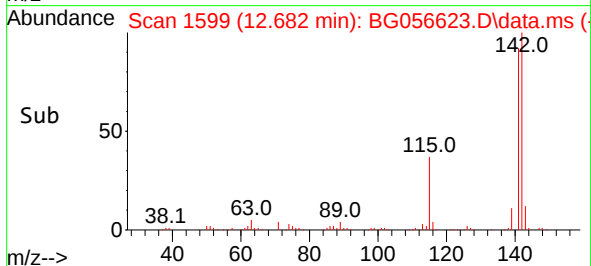
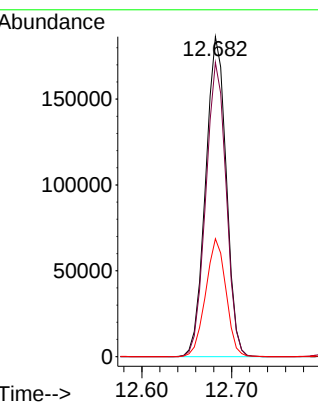
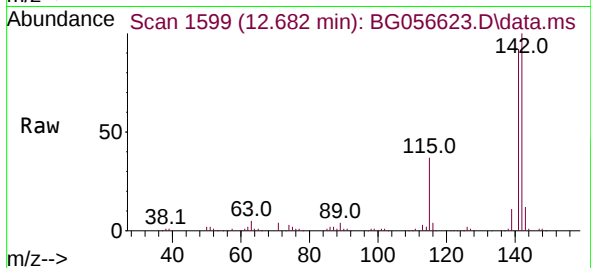
Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.4	107.0
115	36.8	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#38

1-Methylnaphthalene

Concen: 45.195 ng

RT: 12.899 min Scan# 1636

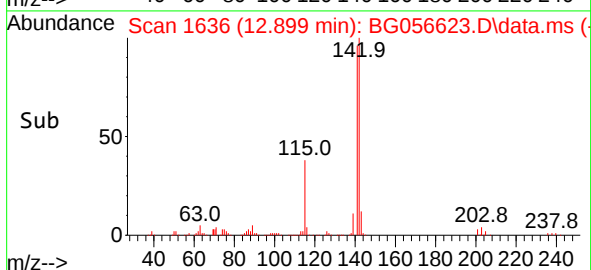
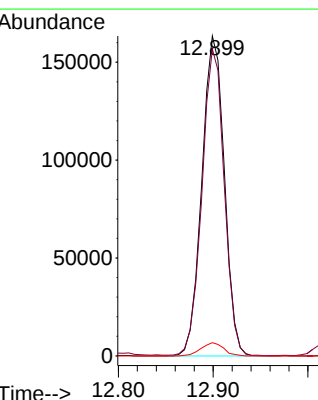
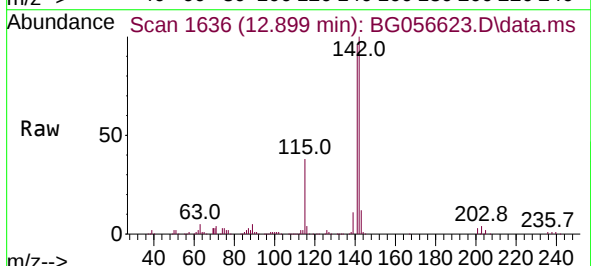
Delta R.T. -0.003 min

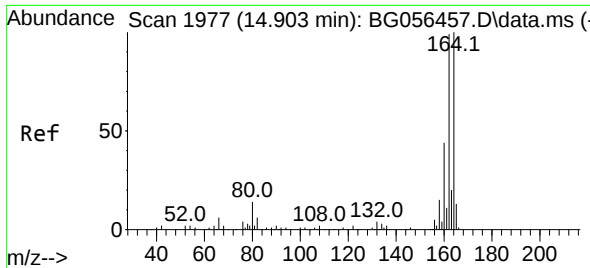
Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Tgt Ion:142 Resp: 268915

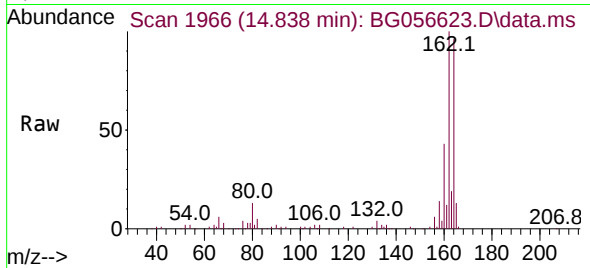
Ion	Ratio	Lower	Upper
142	100		
141	95.9	77.7	116.5
116	4.1	3.4	5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

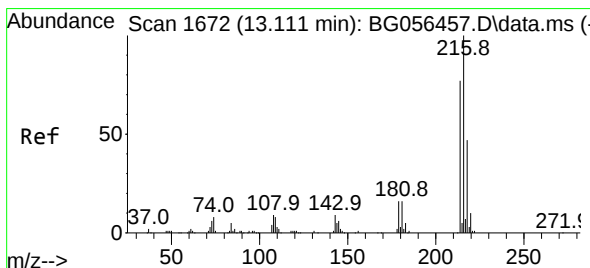
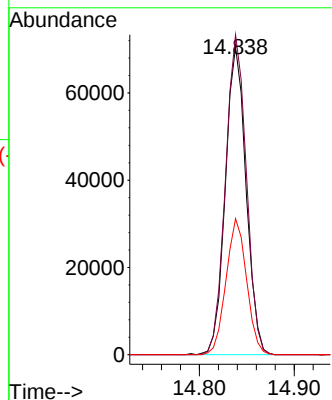
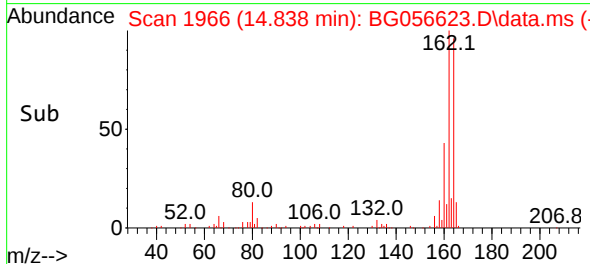
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



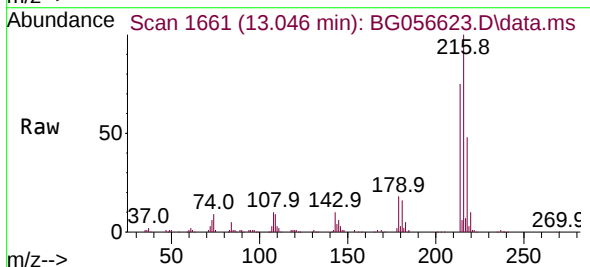
Tgt Ion:164 Resp: 107092
Ion Ratio Lower Upper
164 100
162 104.0 79.6 119.4
160 44.2 34.9 52.3

Manual Integrations
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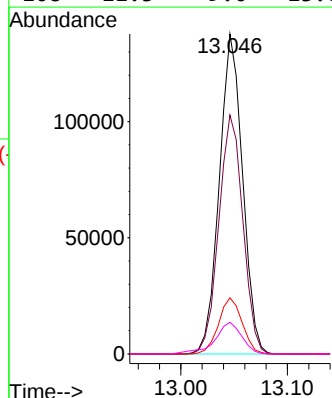
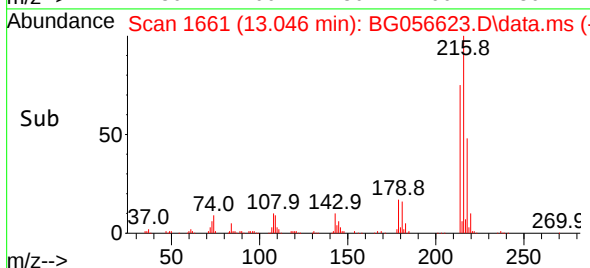
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

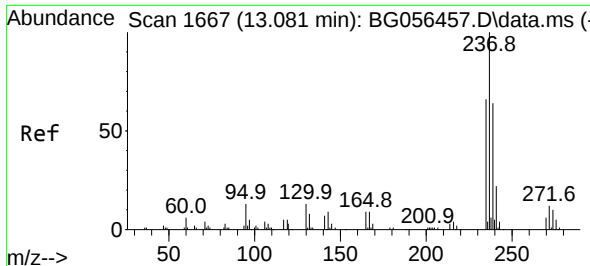


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.430 ng
RT: 13.046 min Scan# 1661
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



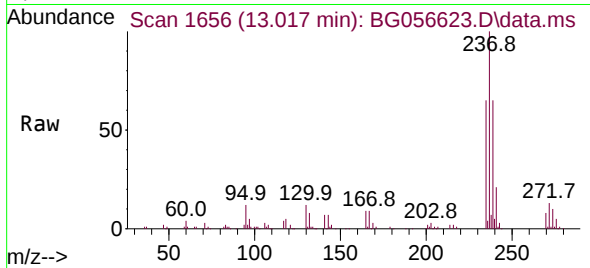
Tgt Ion:216 Resp: 209043
Ion Ratio Lower Upper
216 100
214 77.1 63.0 94.6
179 17.8 14.1 21.1
108 11.3 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 61.178 ng
RT: 13.017 min Scan# 1656
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

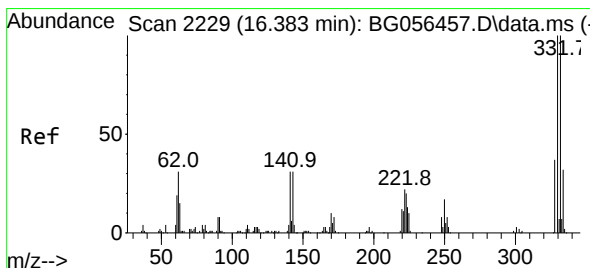
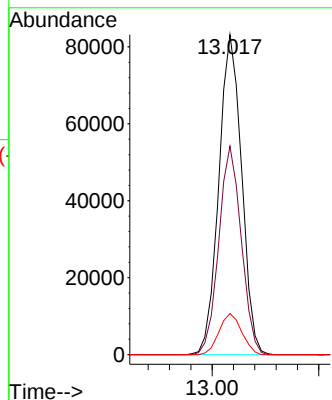
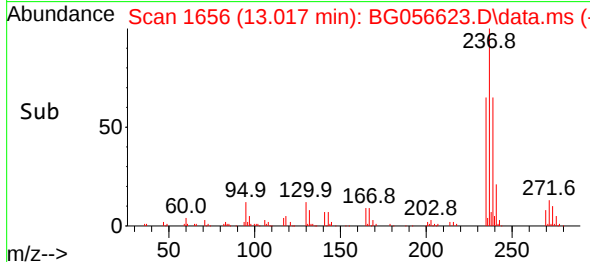
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:237 Resp: 123505
Ion Ratio Lower Upper
237 100
235 65.1 45.6 85.6
272 12.8 0.0 32.3

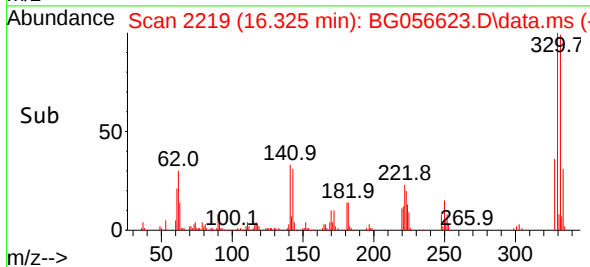
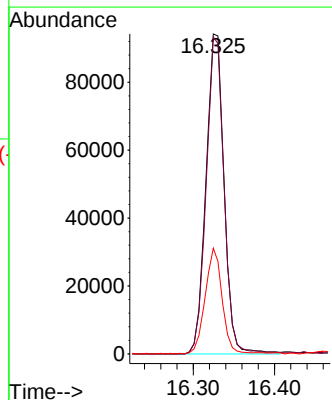
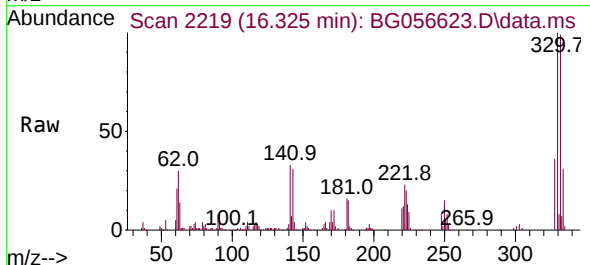
Manual Integrations
APPROVED

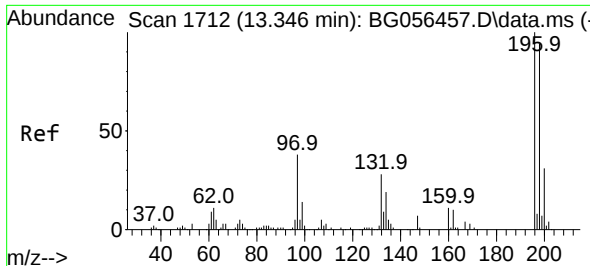
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#42
2,4,6-Tribromophenol
Concen: 102.557 ng
RT: 16.325 min Scan# 2219
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:330 Resp: 146013
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.6
141 31.1 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 49.779 ng

RT: 13.287 min Scan# 1712

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

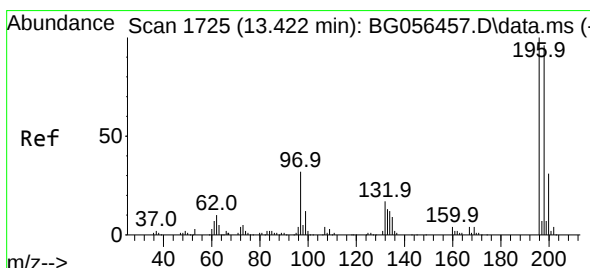
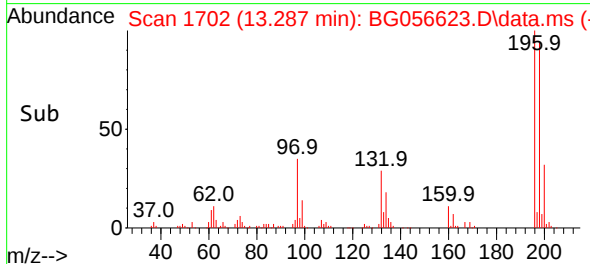
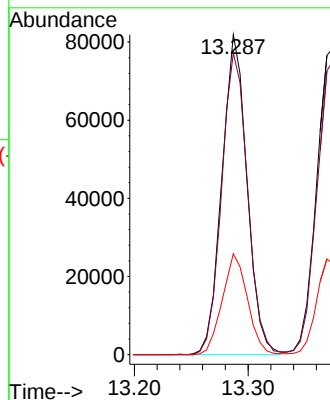
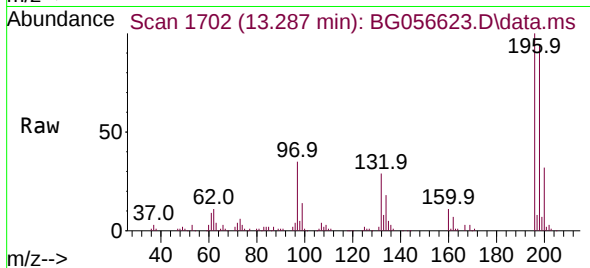
SB-01-5.0-7.0MSD

Tgt Ion:196 Resp: 125505
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.0
 200 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#44

2,4,5-Trichlorophenol

Concen: 44.779 ng

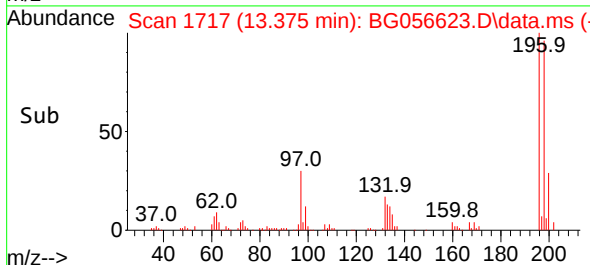
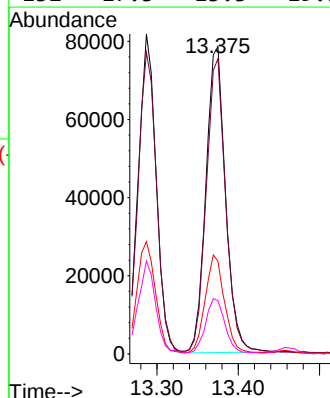
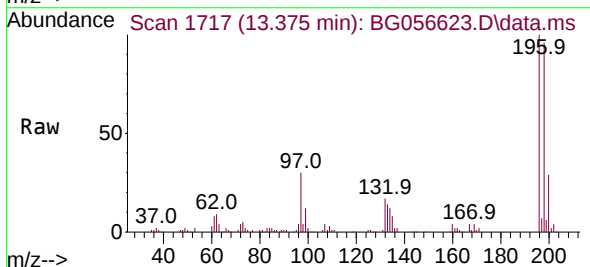
RT: 13.375 min Scan# 1717

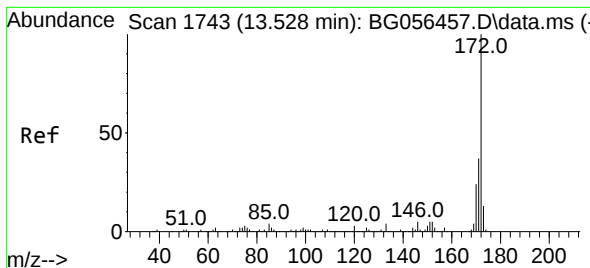
Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

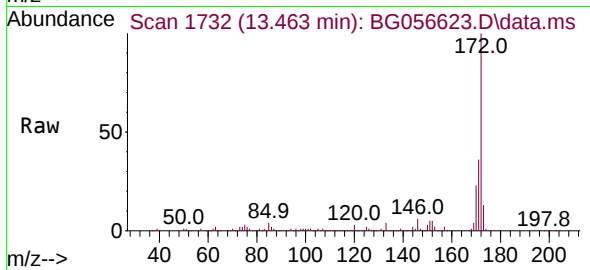
Tgt Ion:196 Resp: 132186
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.9 115.3
 97 30.2 25.8 38.6
 132 17.3 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 72.902 ng
RT: 13.463 min Scan# 1743
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

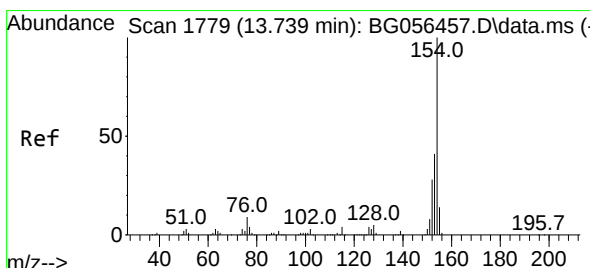
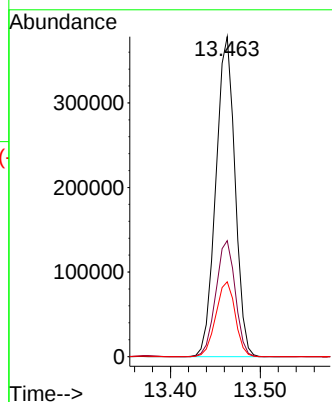
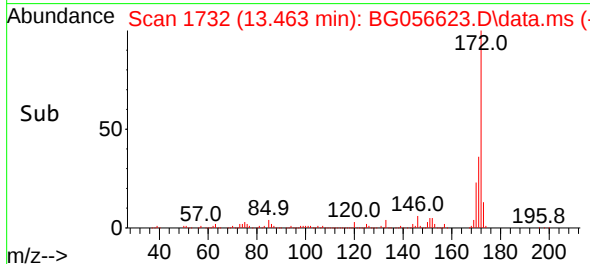
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



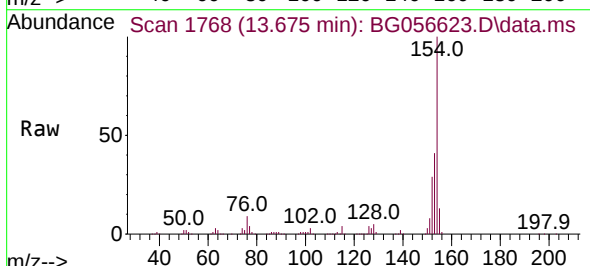
Tgt Ion:172 Resp: 56312
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 23.4 19.2 28.8

Manual Integrations
APPROVED

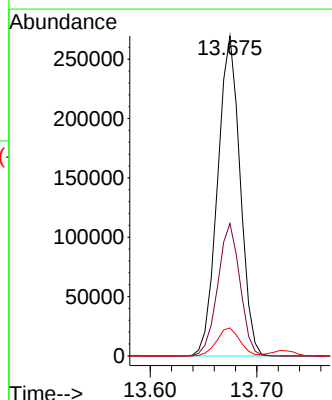
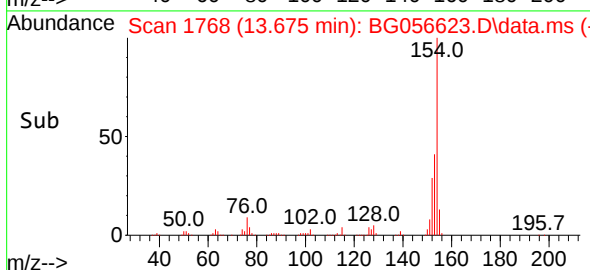
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

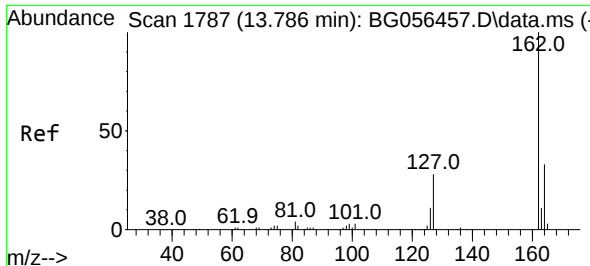


#46
1,1'-Biphenyl
Concen: 50.976 ng
RT: 13.675 min Scan# 1768
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



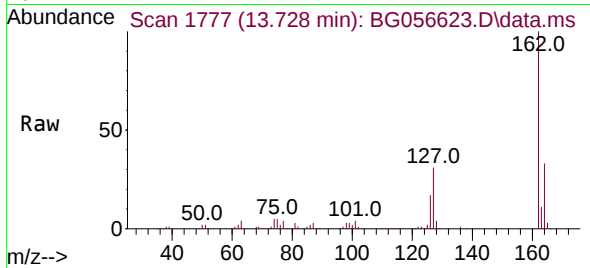
Tgt Ion:154 Resp: 395960
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 8.7 0.0 28.8





#47
2-Chloronaphthalene
Concen: 51.685 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

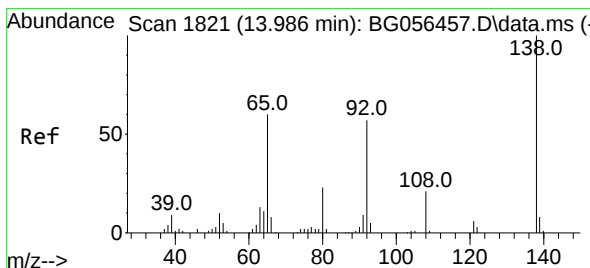
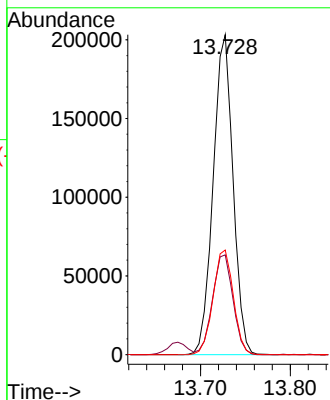
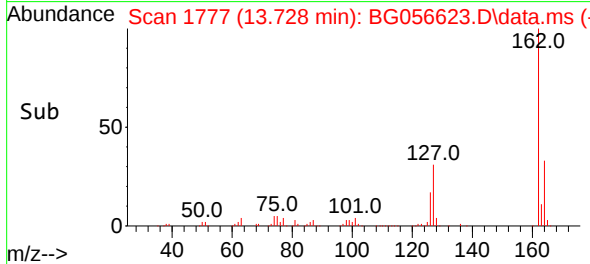
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:162 Resp: 31380
Ion Ratio Lower Upper
162 100
127 31.2 25.2 37.8
164 32.7 26.2 39.2

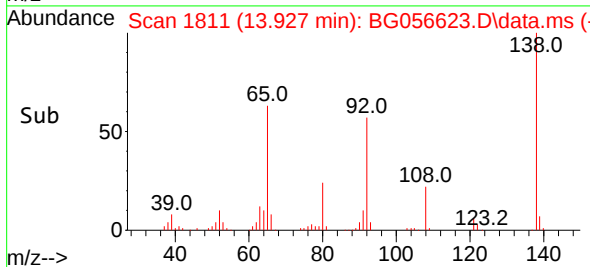
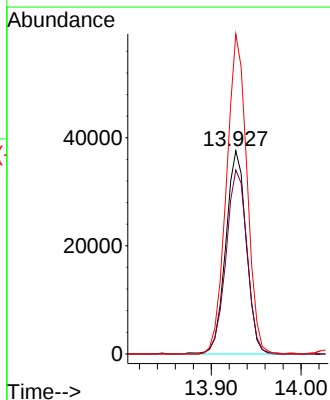
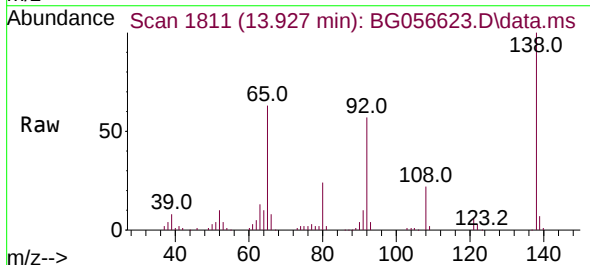
Manual Integrations
APPROVED

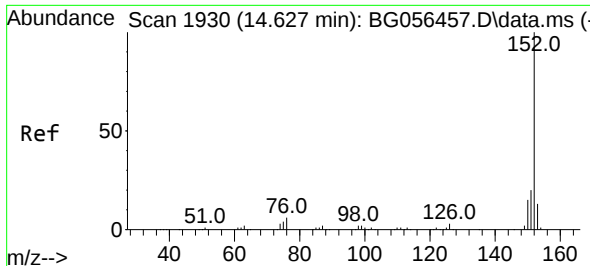
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#48
2-Nitroaniline
Concen: 47.613 ng
RT: 13.927 min Scan# 1811
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

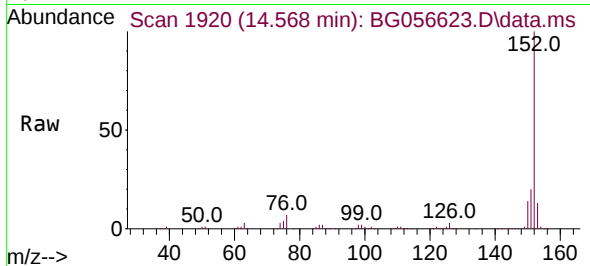
Tgt Ion: 65 Resp: 59760
Ion Ratio Lower Upper
65 100
92 90.5 75.8 113.6
138 157.5 133.2 199.8





#49
Acenaphthylene
Concen: 48.270 ng
RT: 14.568 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

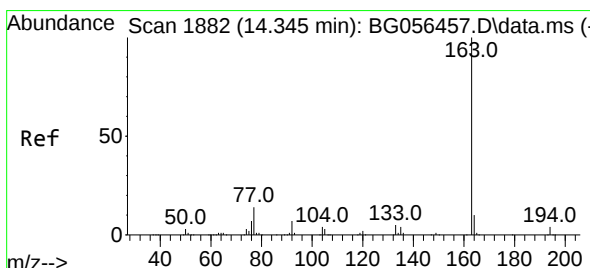
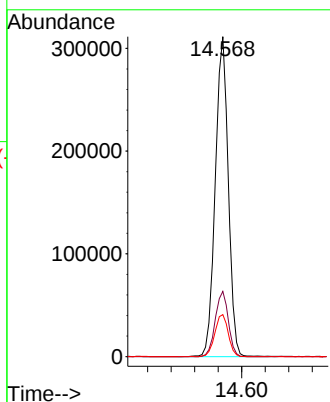
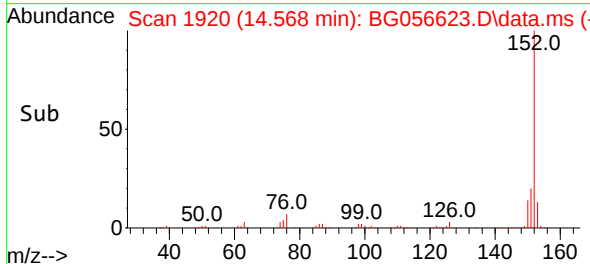
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



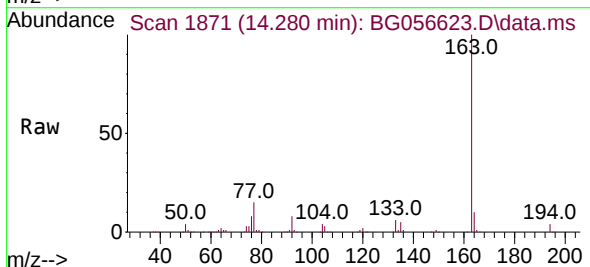
Tgt Ion:152 Resp: 476815
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.1 10.5 15.7

Manual Integrations
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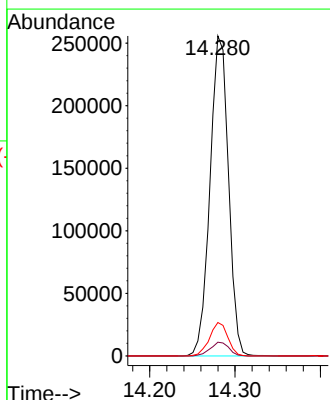
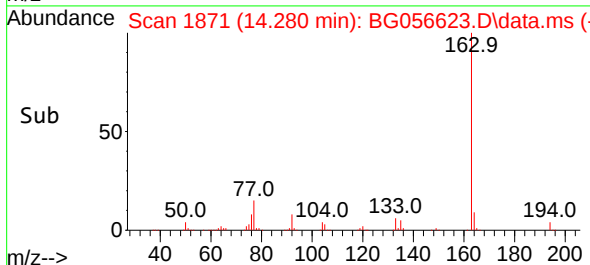
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

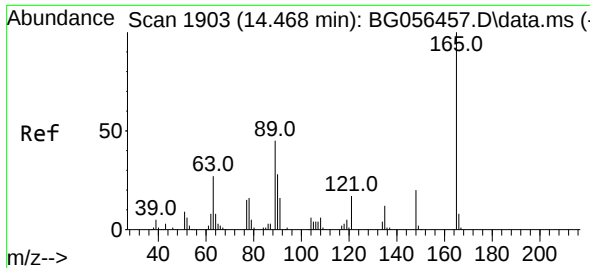


#50
Dimethylphthalate
Concen: 44.373 ng
RT: 14.280 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:163 Resp: 384447
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.1 12.1





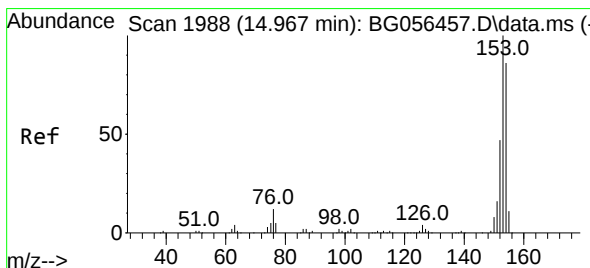
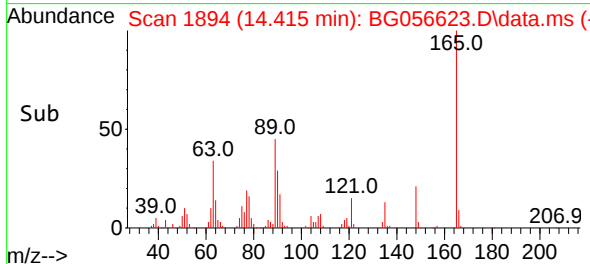
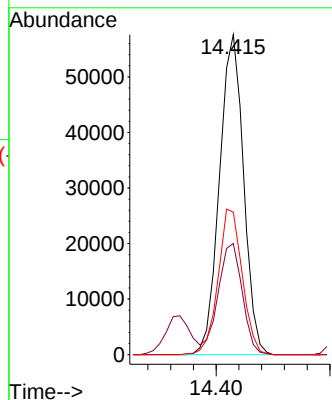
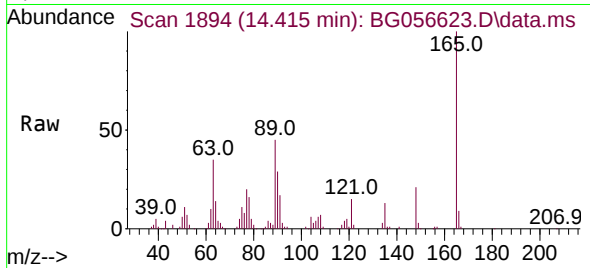
#51
2,6-Dinitrotoluene
Concen: 44.790 ng
RT: 14.415 min Scan# 1894
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion:165 Resp: 8462
Ion Ratio Lower Upper
165 100
63 34.7 26.9 40.3
89 44.5 35.6 53.4

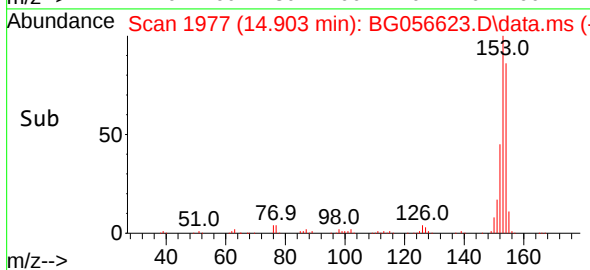
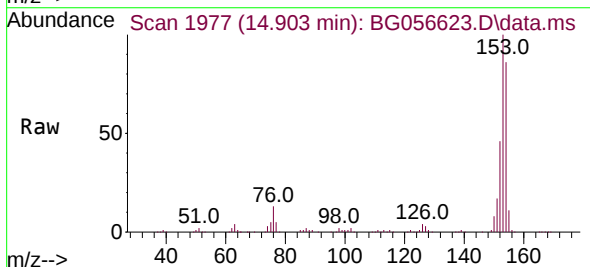
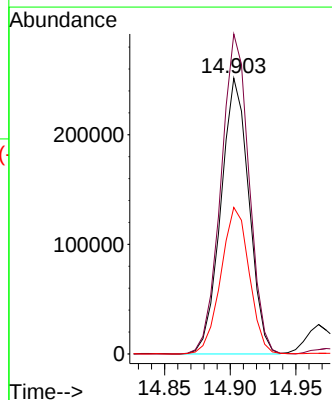
Manual Integrations
APPROVED

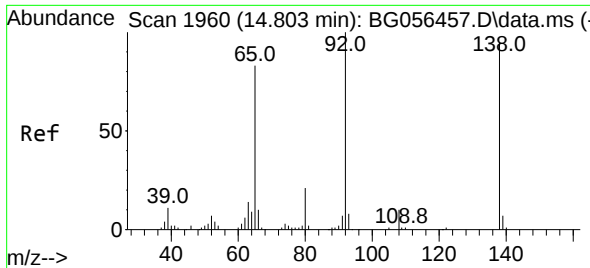
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 63.784 ng
RT: 14.903 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

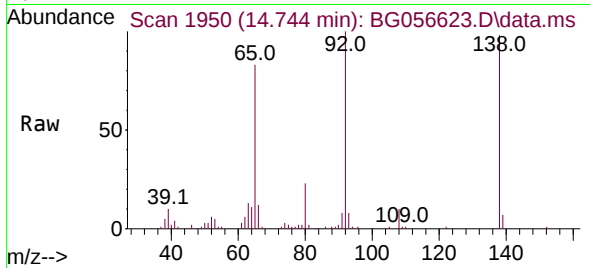
Tgt Ion:154 Resp: 373634
Ion Ratio Lower Upper
154 100
153 116.0 93.4 140.0
152 53.1 43.4 65.2





#53
3-Nitroaniline
Concen: 27.606 ng
RT: 14.744 min Scan# 1950
Delta R.T. -0.008 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

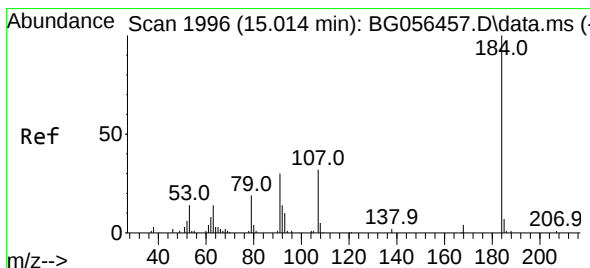
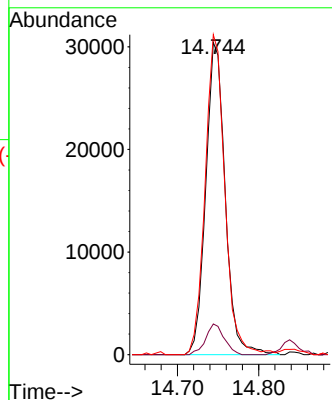
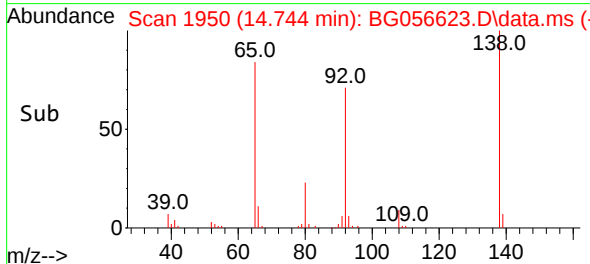
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



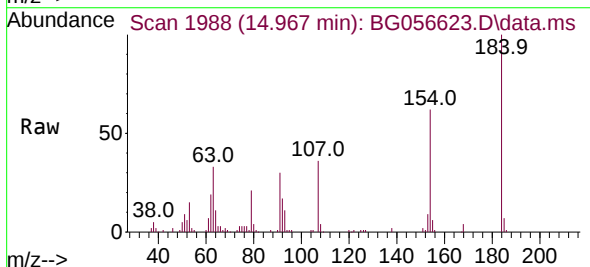
Tgt Ion:138 Resp: 50568
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 102.5 84.1 126.1

Manual Integrations
APPROVED

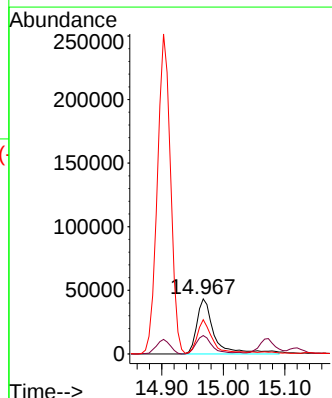
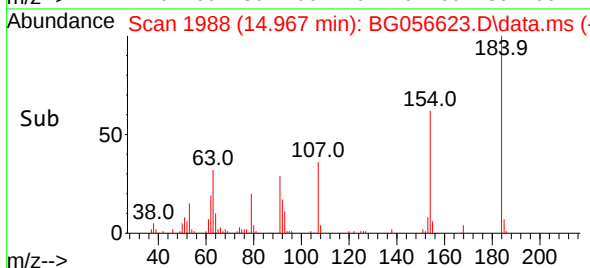
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

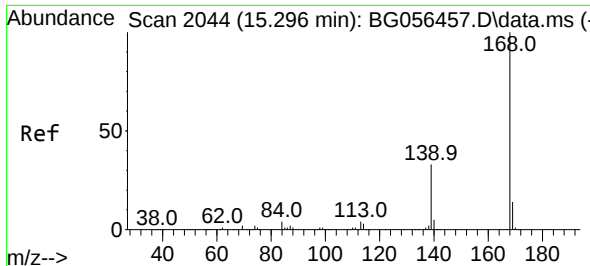


#54
2,4-Dinitrophenol
Concen: 71.970 ng m
RT: 14.967 min Scan# 1988
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



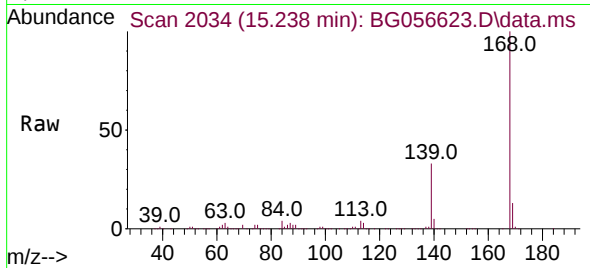
Tgt Ion:184 Resp: 85250
Ion Ratio Lower Upper
184 100
63 33.3 25.1 37.7
154 62.0 44.8 67.2





#55
Dibenzofuran
Concen: 53.999 ng
RT: 15.238 min Scan# 2006
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

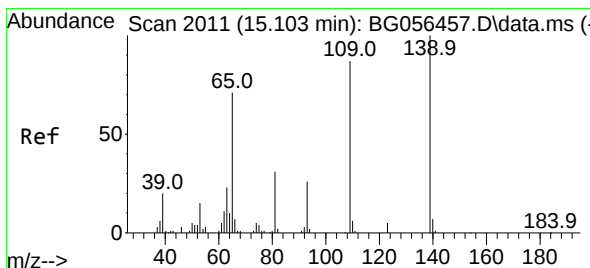
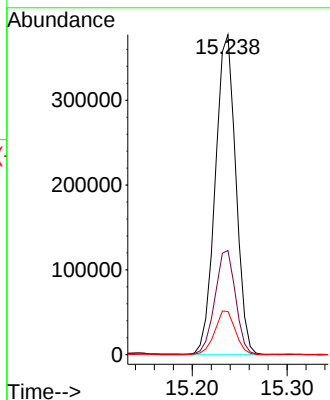
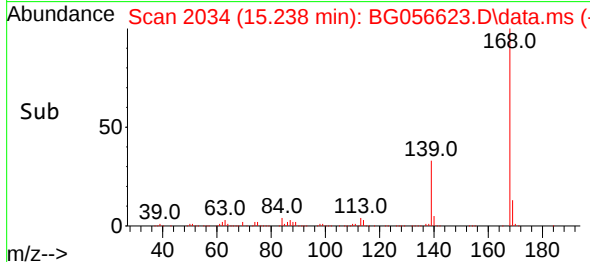
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:168 Resp: 56727
Ion Ratio Lower Upper
168 100
139 32.5 26.2 39.2
169 13.5 11.0 16.6

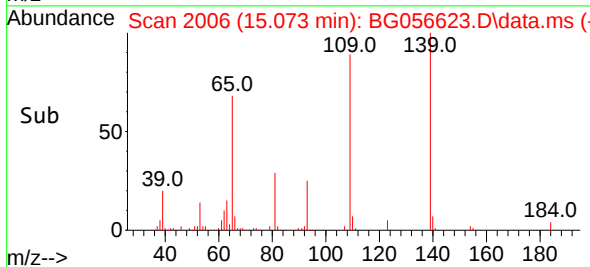
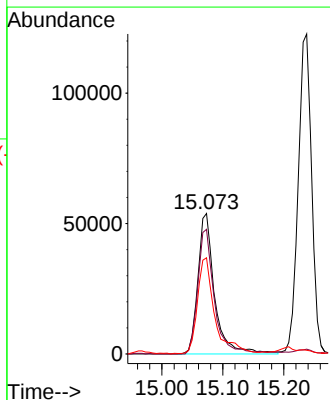
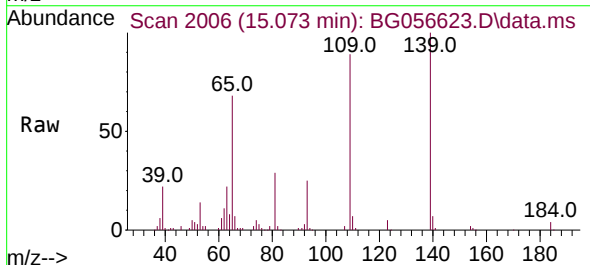
Manual Integrations
APPROVED

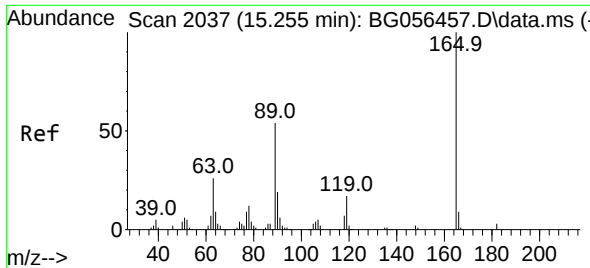
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 81.815 ng
RT: 15.073 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

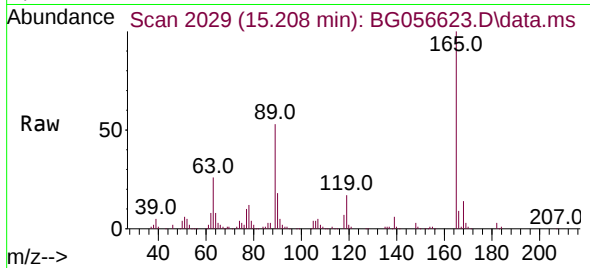
Tgt Ion:139 Resp: 102402
Ion Ratio Lower Upper
139 100
109 88.7 67.5 107.5
65 68.4 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 45.195 ng
RT: 15.208 min Scan# 2037
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

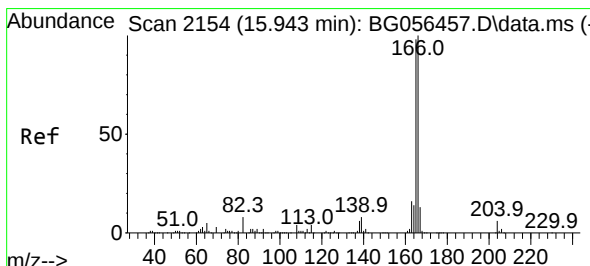
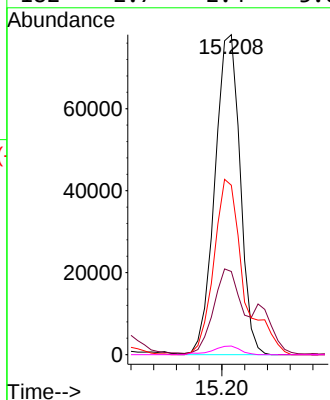
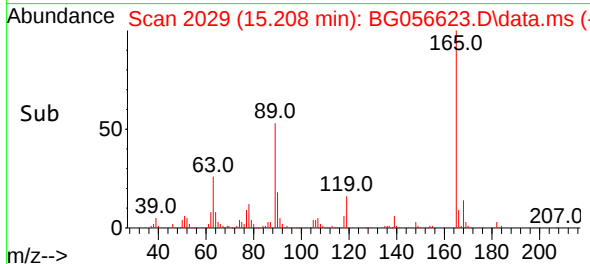
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



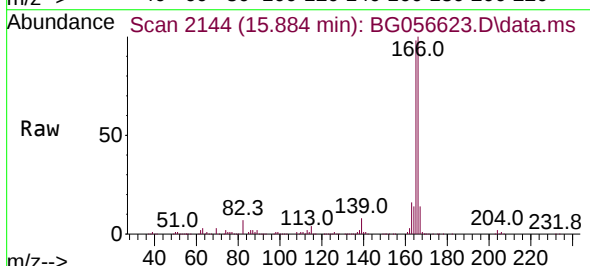
Tgt Ion:165 Resp: 120282
Ion Ratio Lower Upper
165 100
63 26.0 20.6 31.0
89 52.9 43.1 64.7
182 2.7 2.4 3.6

Manual Integrations
APPROVED

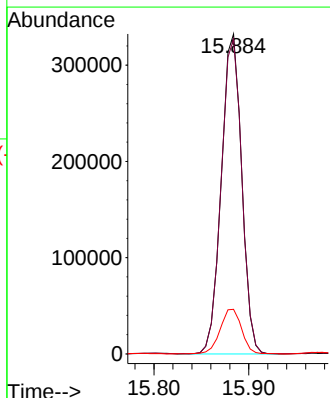
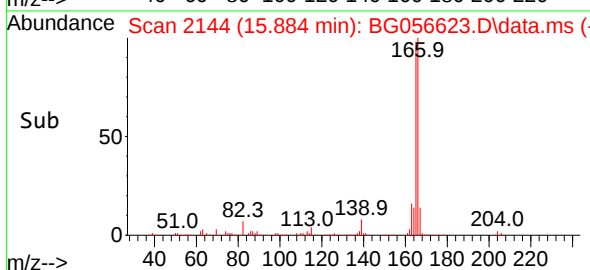
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

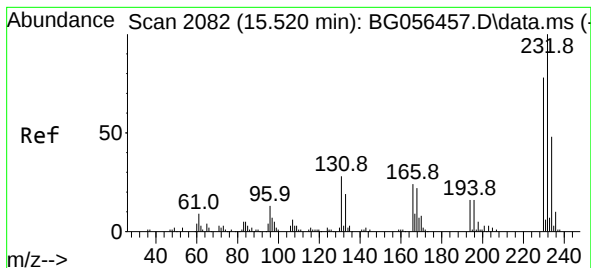


#58
Fluorene
Concen: 59.321 ng
RT: 15.884 min Scan# 2144
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:166 Resp: 495876
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 13.9 10.6 15.8





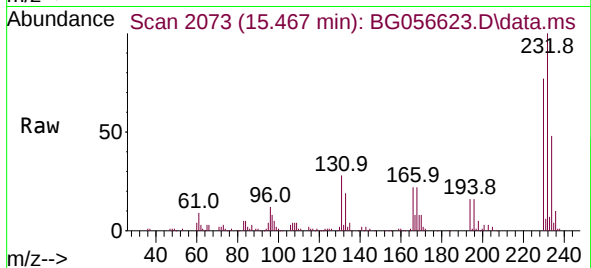
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.999 ng
RT: 15.467 min Scan# 2082
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SB-01-5.0-7.0MSD

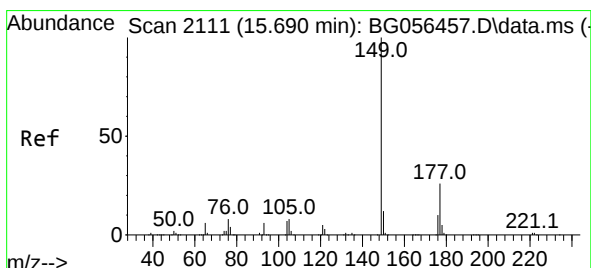
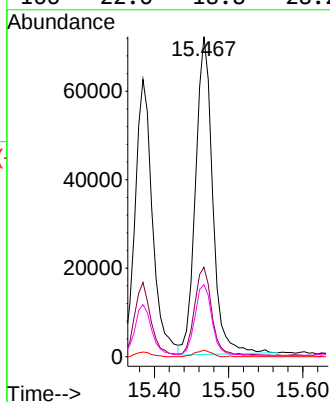
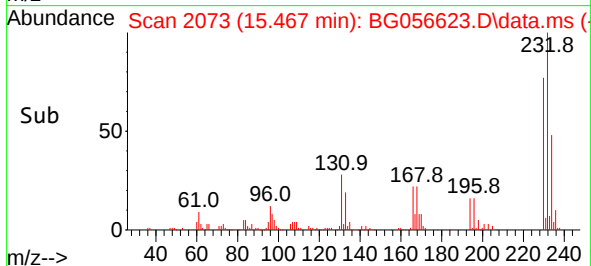


Tgt Ion:232 Resp: 115483
Ion Ratio Lower Upper
232 100
131 27.4 22.8 34.2
130 1.9 1.4 2.0
166 22.6 18.8 28.2

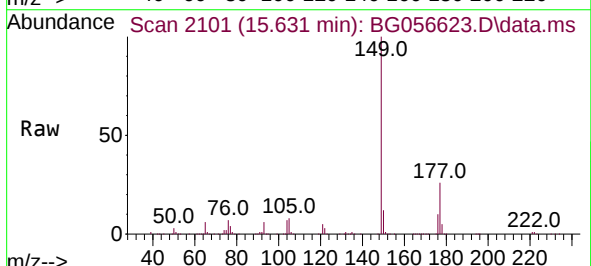
Manual Integrations

APPROVED

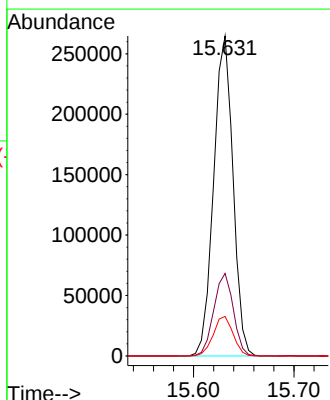
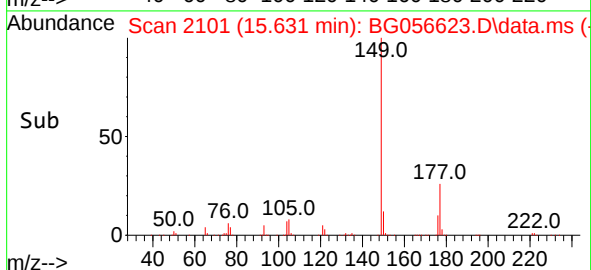
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

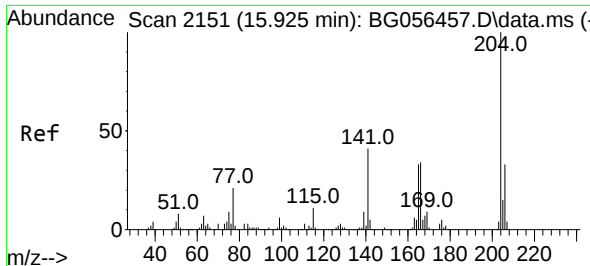


#60
Diethylphthalate
Concen: 43.572 ng
RT: 15.631 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



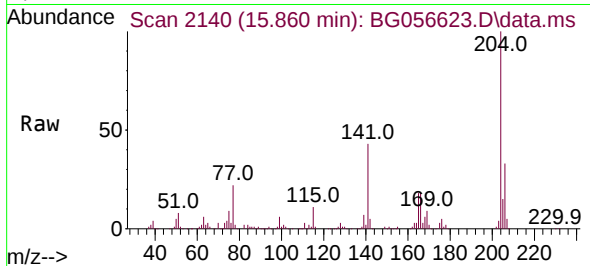
Tgt Ion:149 Resp: 354487
Ion Ratio Lower Upper
149 100
177 25.8 21.0 31.4
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.146 ng
RT: 15.860 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

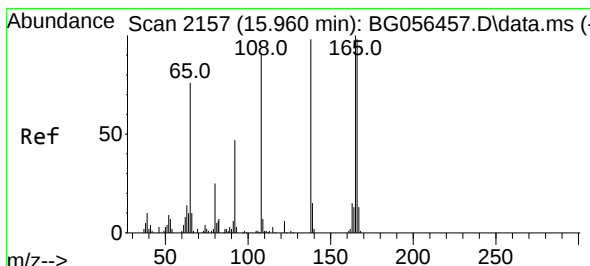
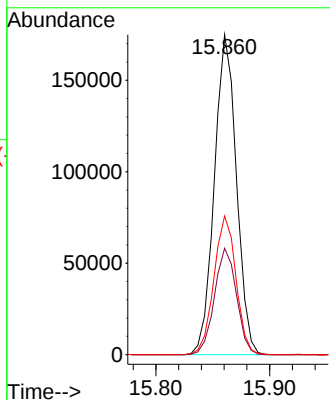
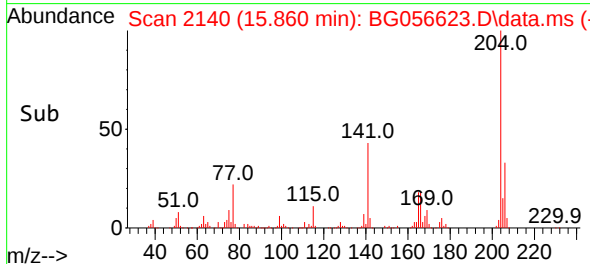
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:204 Resp: 235382
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 43.3 32.7 49.1

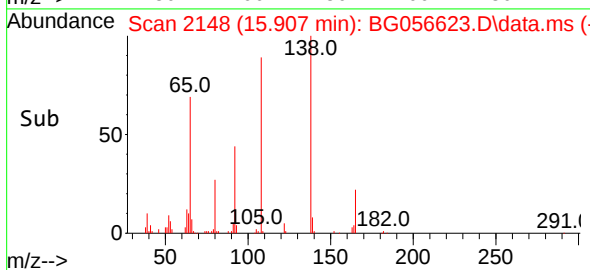
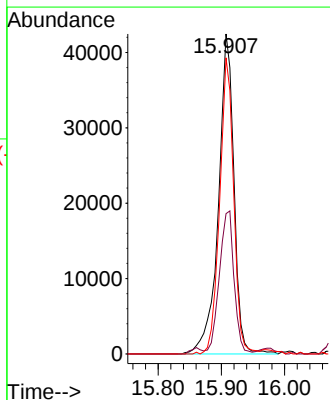
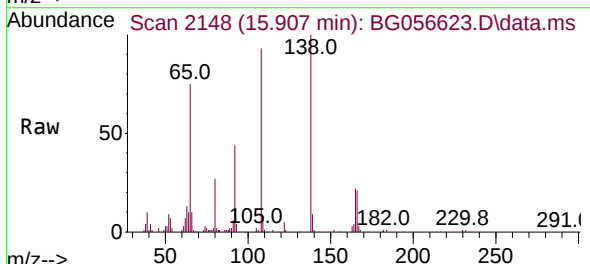
Manual Integrations
APPROVED

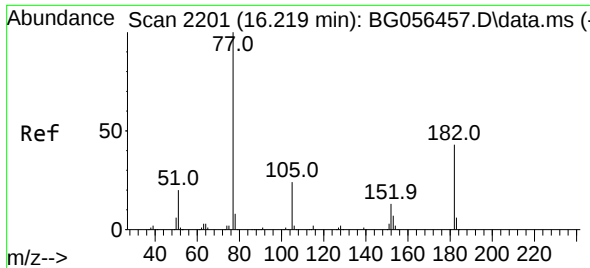
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#62
4-Nitroaniline
Concen: 39.525 ng
RT: 15.907 min Scan# 2148
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

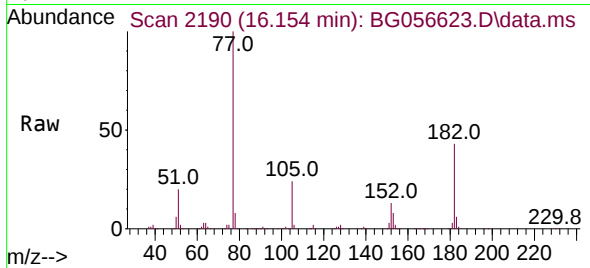
Tgt Ion:138 Resp: 72445
Ion Ratio Lower Upper
138 100
92 43.8 27.8 67.8
108 92.5 72.6 112.6





#63
Azobenzene
Concen: 48.798 ng
RT: 16.154 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

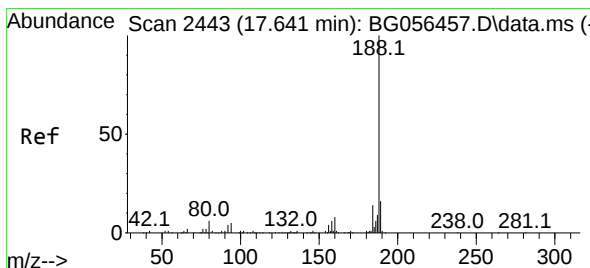
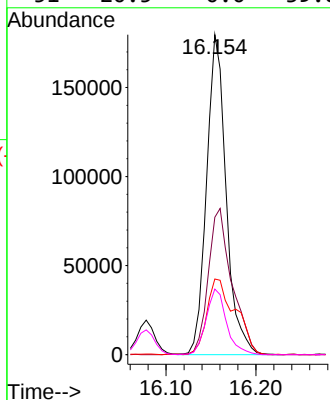
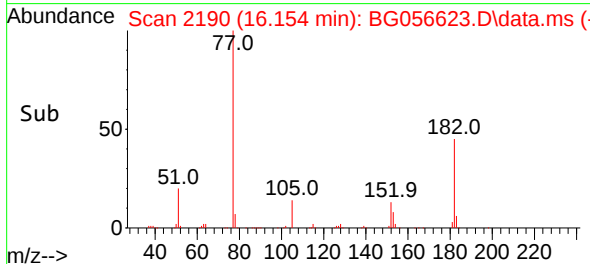
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



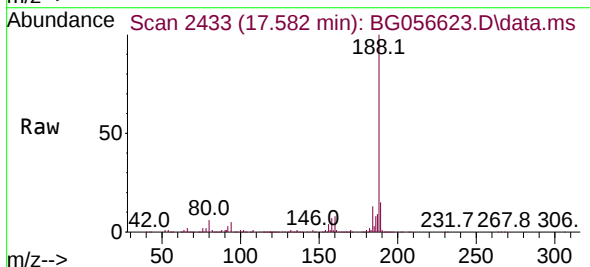
Tgt Ion: 77 Resp: 273169
Ion Ratio Lower Upper
77 100
182 42.9 23.1 63.1
105 23.6 4.2 44.2
51 20.5 0.0 39.8

Manual Integrations
APPROVED

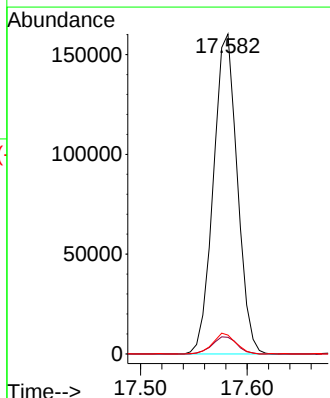
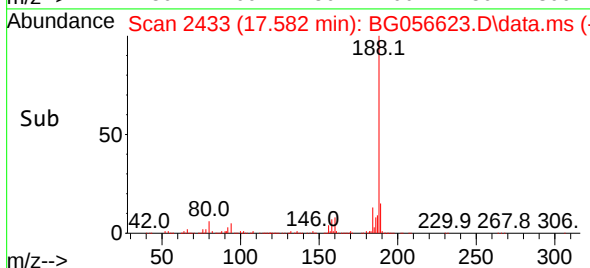
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

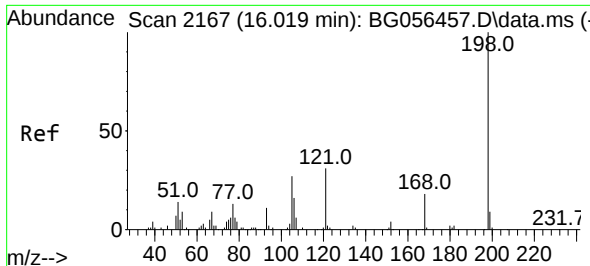


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:188 Resp: 250357
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.9 5.0 7.4





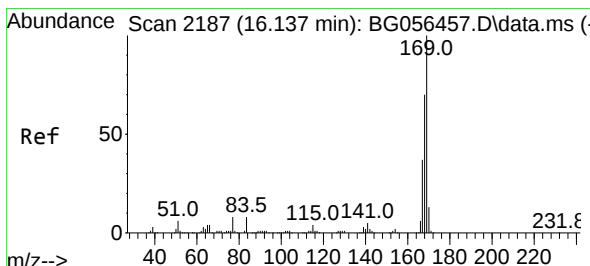
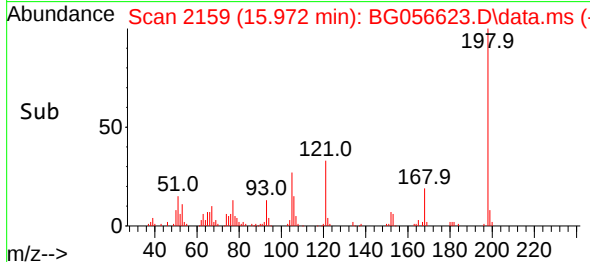
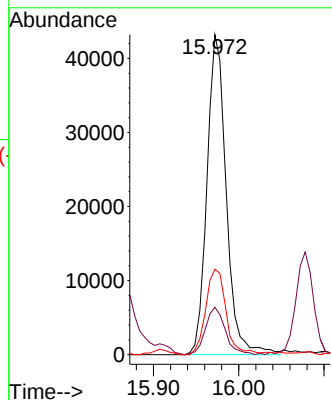
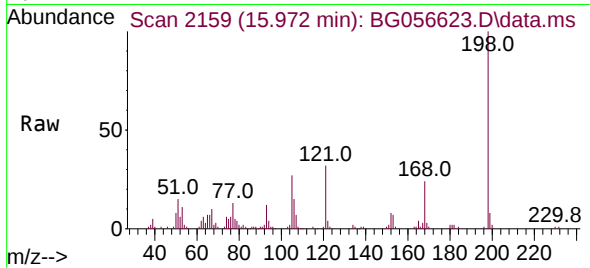
#65
4,6-Dinitro-2-methylphenol
Concen: 38.511 ng
RT: 15.972 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Tgt Ion:198 Resp: 67785
Ion Ratio Lower Upper
198 100
51 14.8 0.0 35.0
105 26.7 7.4 47.4

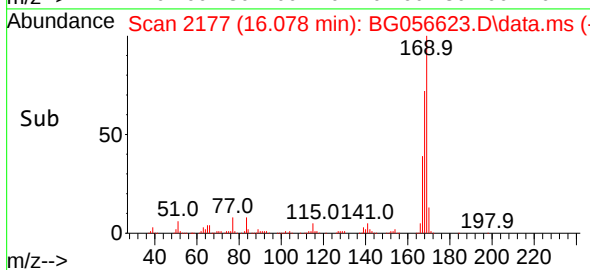
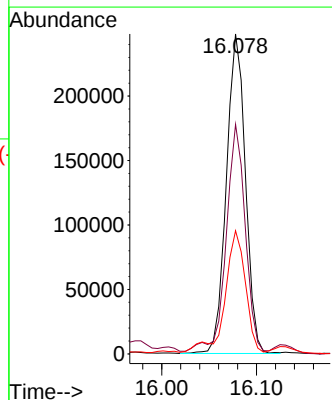
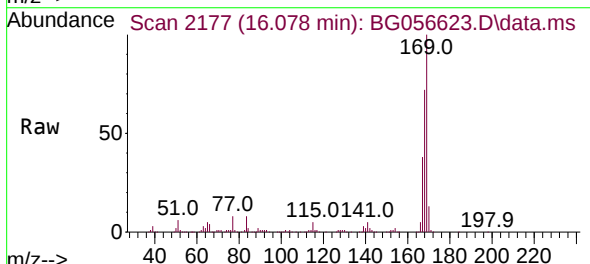
Manual Integrations
APPROVED

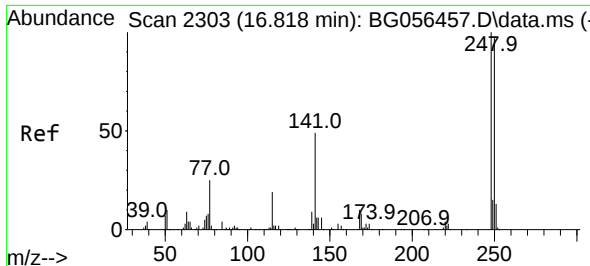
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#66
n-Nitrosodiphenylamine
Concen: 48.898 ng
RT: 16.078 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

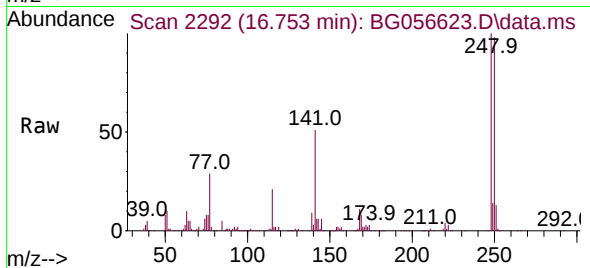
Tgt Ion:169 Resp: 346605
Ion Ratio Lower Upper
169 100
168 71.7 55.8 83.6
167 38.5 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 48.287 ng
RT: 16.753 min Scan# 2115
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

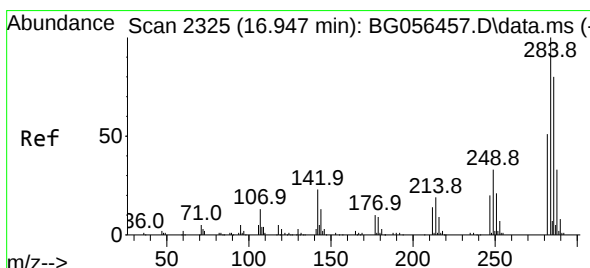
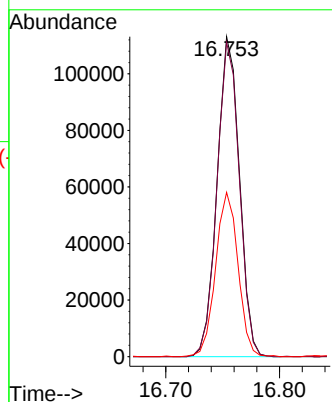
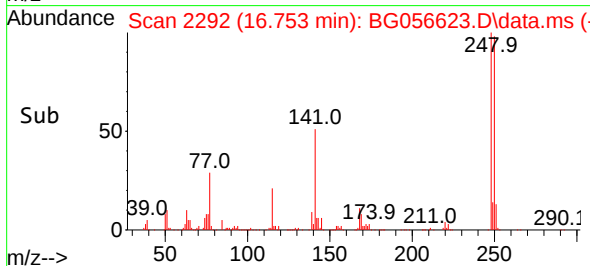
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



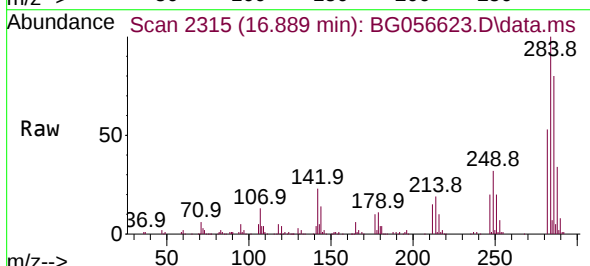
Tgt Ion:248 Resp: 154760
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 51.3 39.0 58.4

Manual Integrations
APPROVED

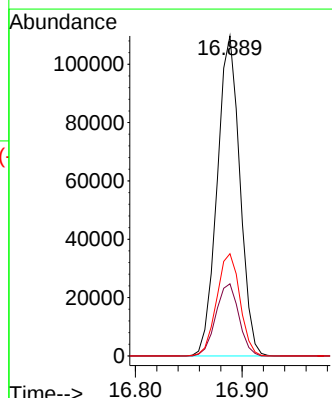
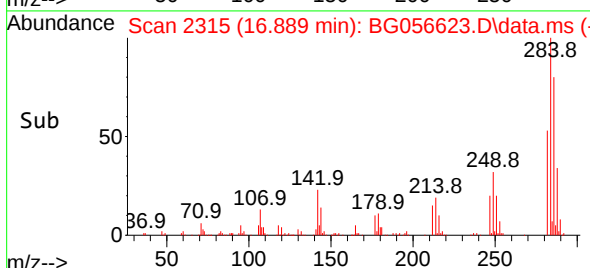
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

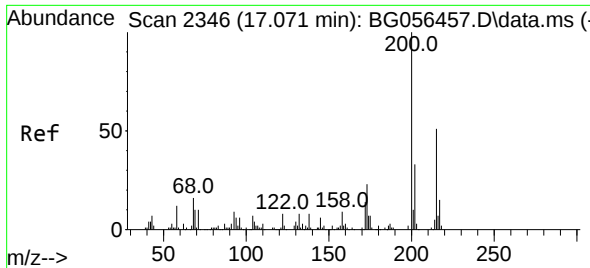


#68
Hexachlorobenzene
Concen: 51.695 ng
RT: 16.889 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



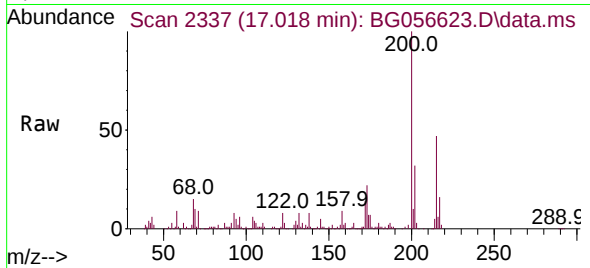
Tgt Ion:284 Resp: 162273
Ion Ratio Lower Upper
284 100
142 22.5 18.0 27.0
249 31.9 26.7 40.1





#69
 Atrazine
 Concen: 52.105 ng
 RT: 17.018 min Scan# 2337
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

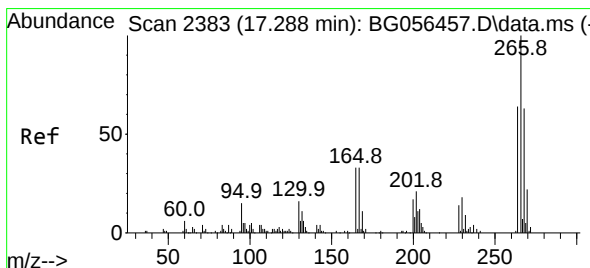
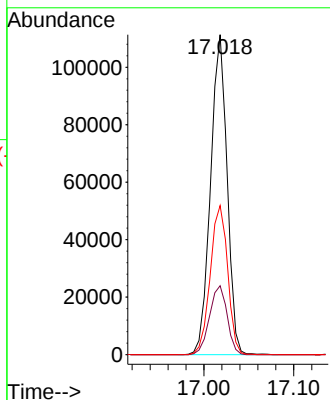
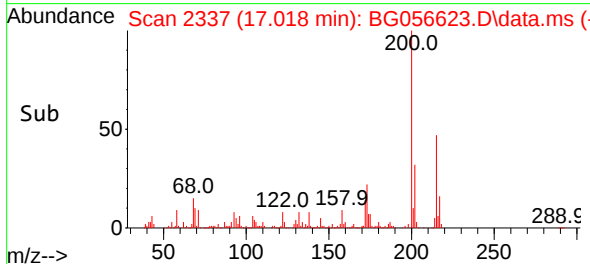
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-5.0-7.0MSD



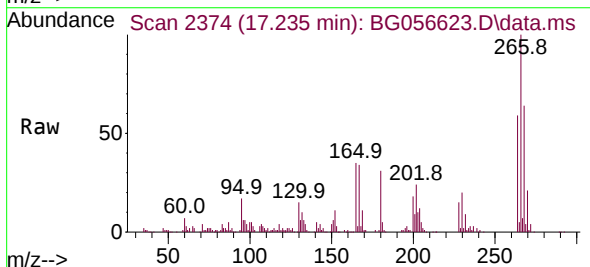
Tgt Ion:200 Resp: 142486
 Ion Ratio Lower Upper
 200 100
 173 21.5 3.2 43.2
 215 46.6 30.7 70.7

Manual Integrations
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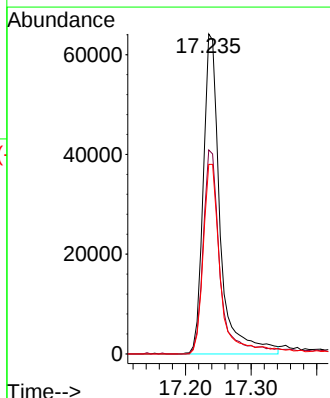
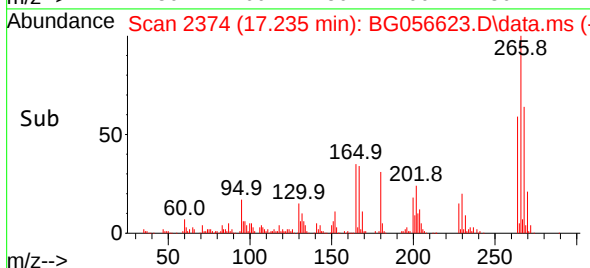
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

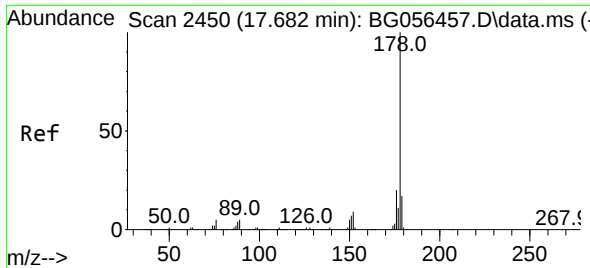


#70
 Pentachlorophenol
 Concen: 60.083 ng
 RT: 17.235 min Scan# 2374
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24



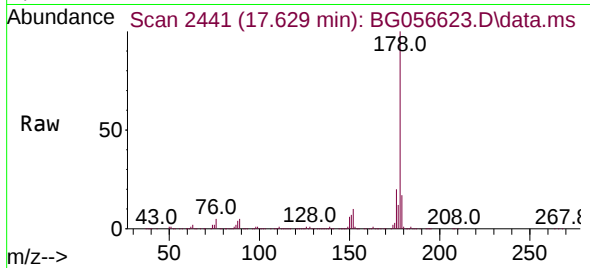
Tgt Ion:266 Resp: 114122
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.2 75.4
 264 59.2 51.4 77.0





#71
Phenanthrene
Concen: 128.006 ng
RT: 17.629 min Scan# 2441
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

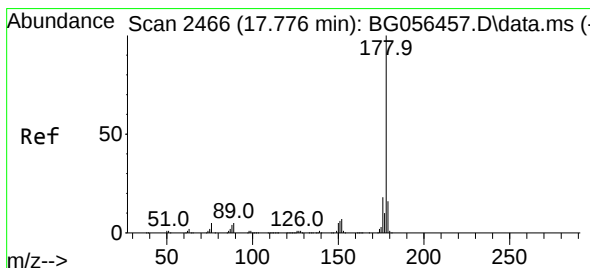
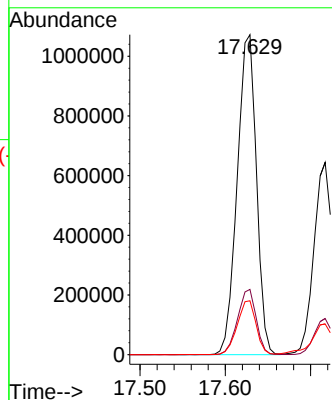
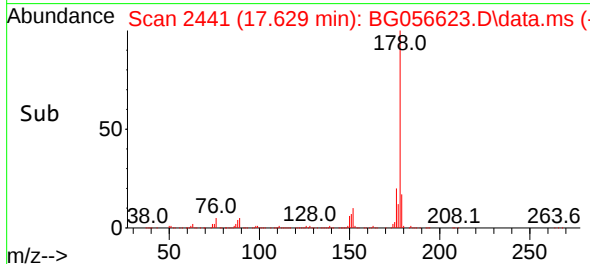
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:178 Resp: 1677289
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.8 13.3 19.9

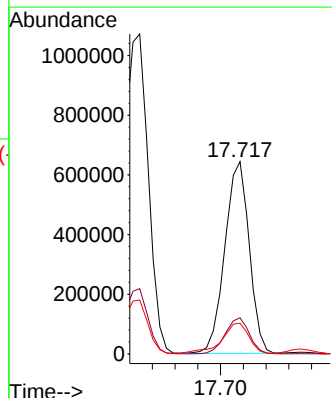
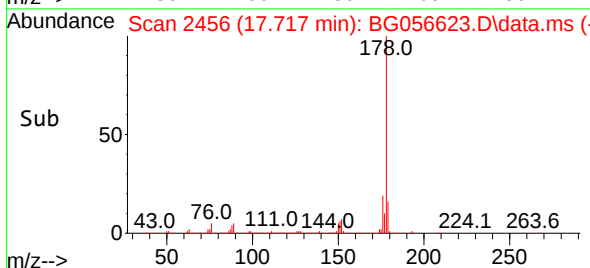
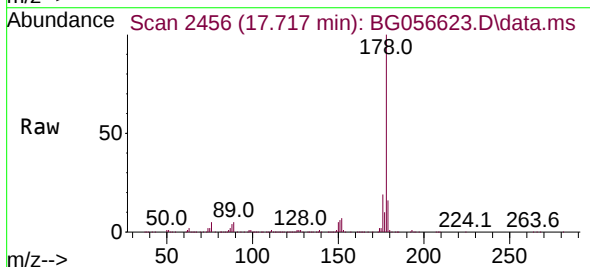
Manual Integrations
APPROVED

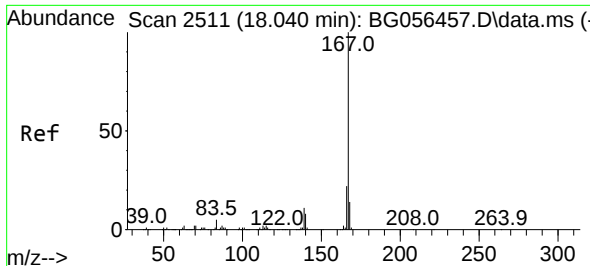
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 71.240 ng
RT: 17.717 min Scan# 2456
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

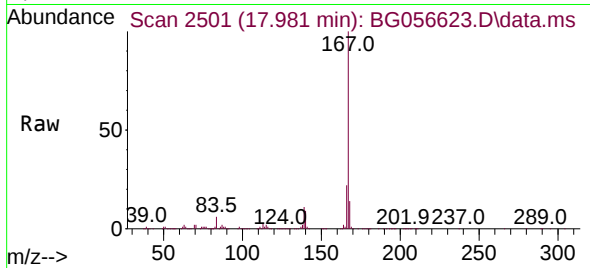
Tgt Ion:178 Resp: 958230
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 16.0 12.5 18.7





#73
Carbazole
Concen: 58.626 ng
RT: 17.981 min Scan# 2501
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

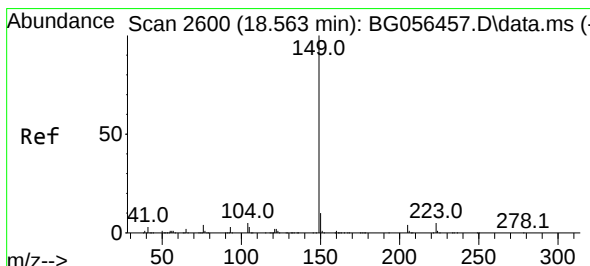
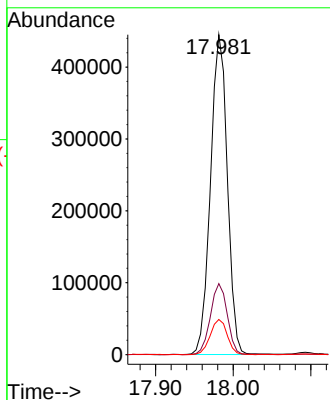
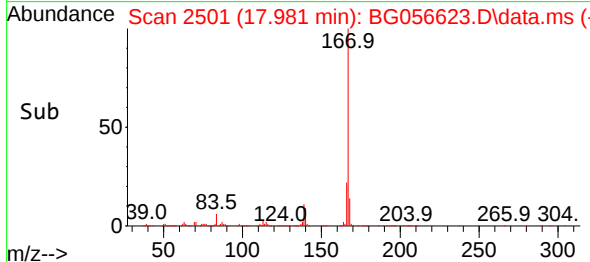
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:167 Resp: 671616
Ion Ratio Lower Upper
167 100
166 22.2 17.8 26.6
139 11.0 8.9 13.3

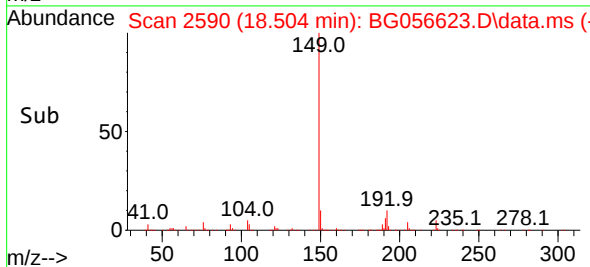
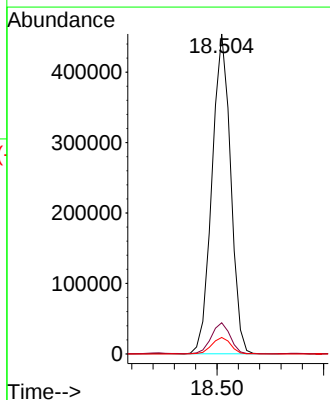
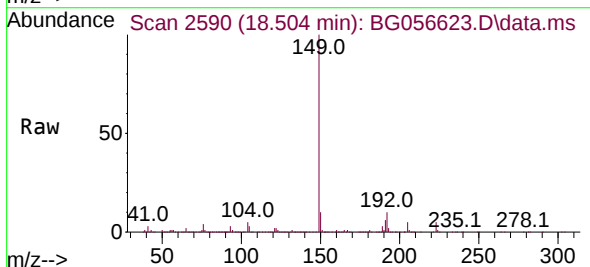
Manual Integrations
APPROVED

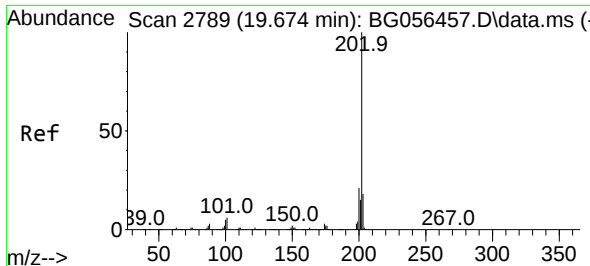
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#74
Di-n-butylphthalate
Concen: 46.017 ng
RT: 18.504 min Scan# 2590
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

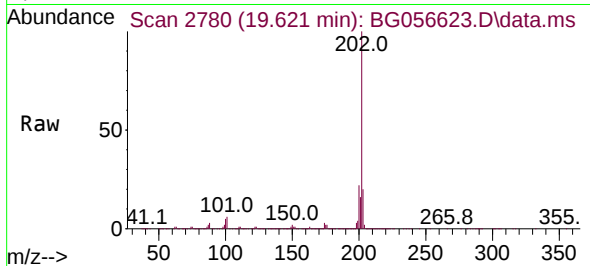
Tgt Ion:149 Resp: 553529
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 121.051 ng
RT: 19.621 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

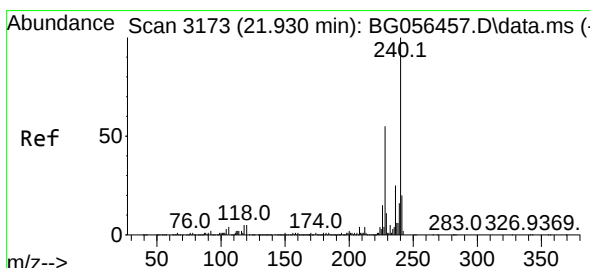
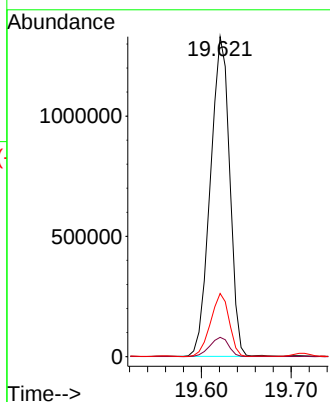
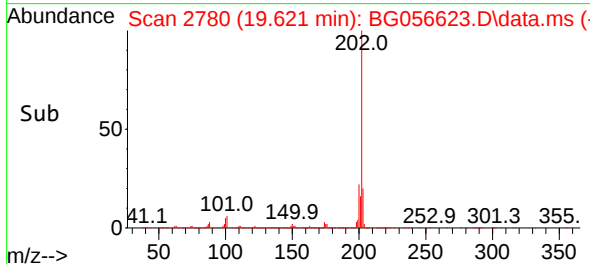
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



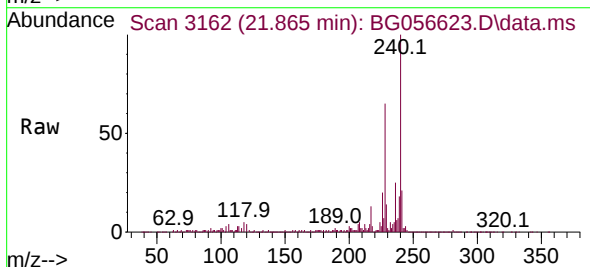
Tgt Ion:202 Resp: 2001915
Ion Ratio Lower Upper
202 100
101 6.0 0.0 25.6
203 19.7 0.0 38.1

Manual Integrations
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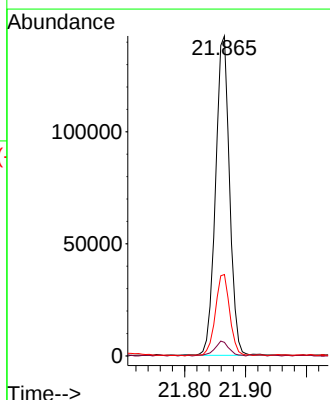
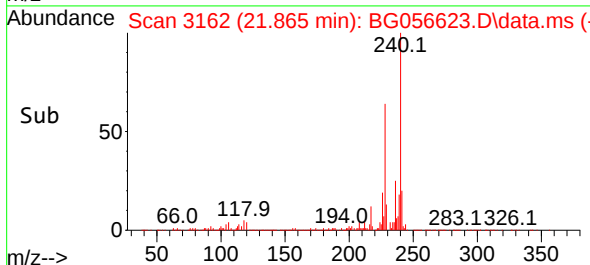
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

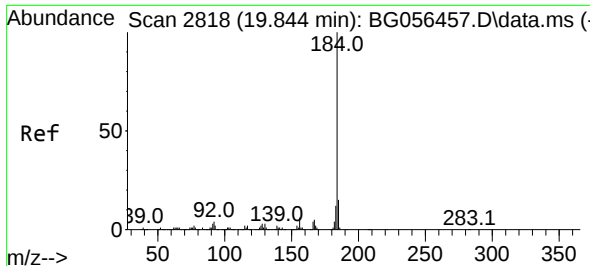


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.865 min Scan# 3162
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



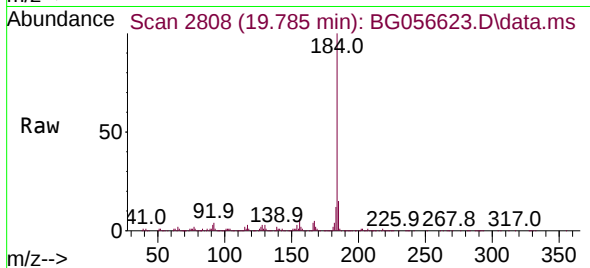
Tgt Ion:240 Resp: 227593
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.4 20.2 30.2





#77
Benzidine
Concen: 48.017 ng
RT: 19.785 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

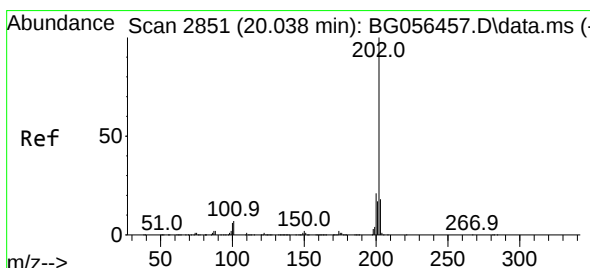
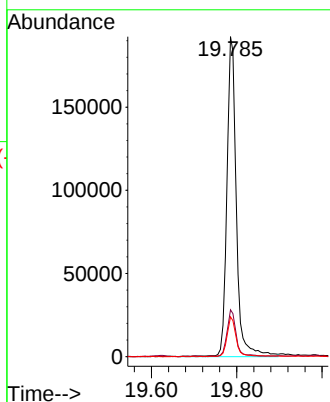
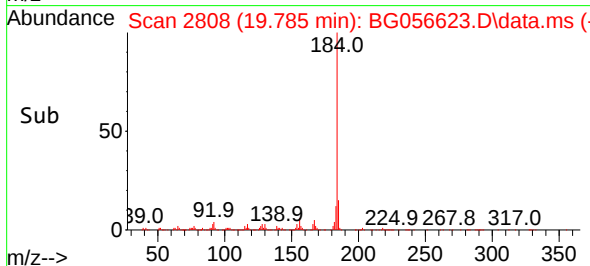
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:184 Resp: 295733
Ion Ratio Lower Upper
184 100
185 14.6 12.3 18.5
183 12.4 9.8 14.8

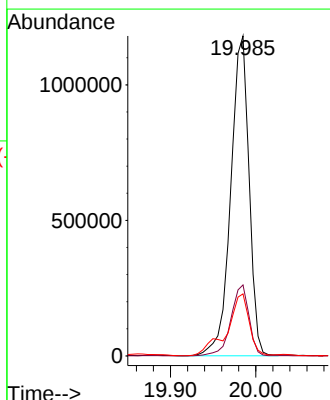
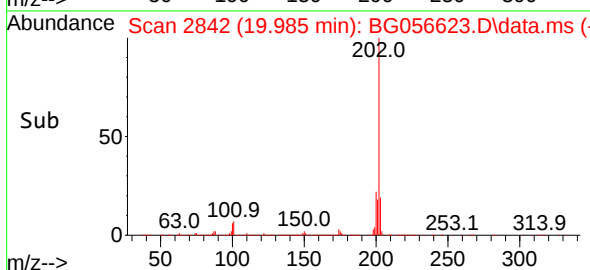
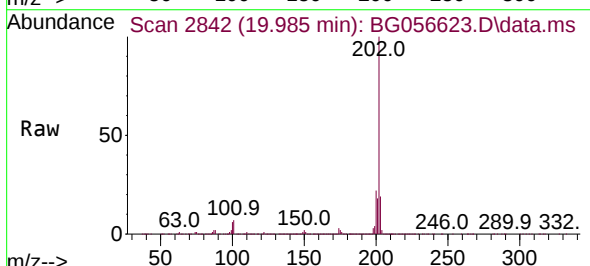
Manual Integrations
APPROVED

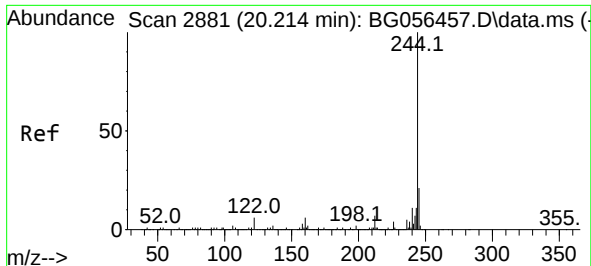
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#78
Pyrene
Concen: 108.875 ng
RT: 19.985 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

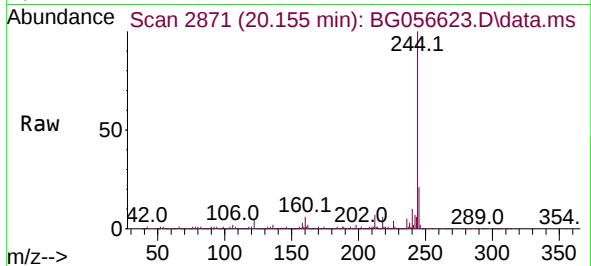
Tgt Ion:202 Resp: 1762340
Ion Ratio Lower Upper
202 100
200 22.2 16.7 25.1
203 19.4 14.4 21.6





#79
 Terphenyl-d14
 Concen: 69.395 ng
 RT: 20.155 min Scan# 2881
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

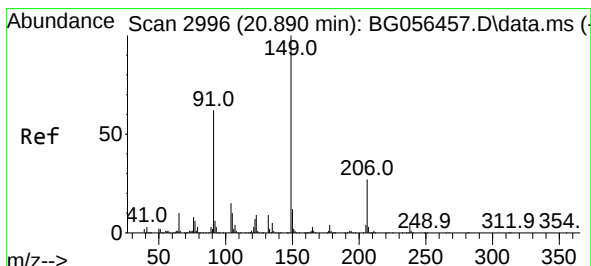
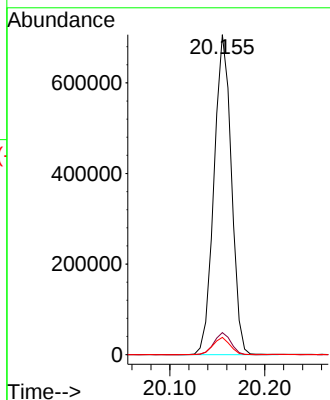
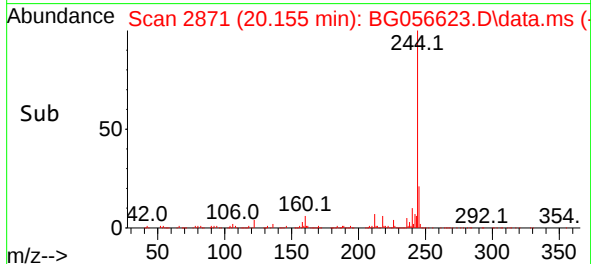
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-5.0-7.0MSD



Tgt Ion:244 Resp: 899231
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.4 4.4 6.6

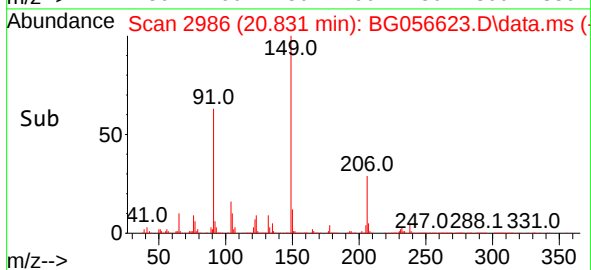
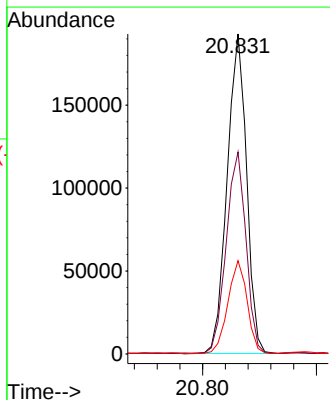
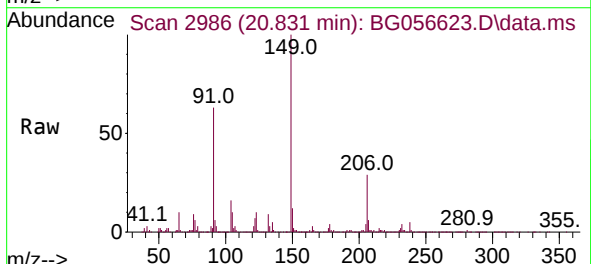
Manual Integrations
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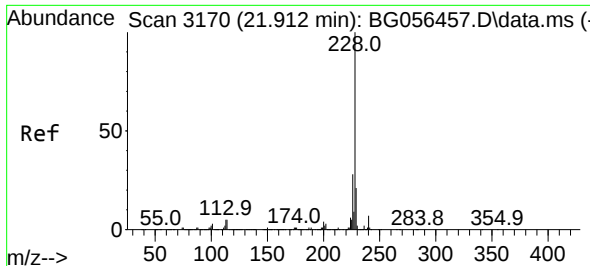
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#80
 Butylbenzylphthalate
 Concen: 46.205 ng
 RT: 20.831 min Scan# 2986
 Delta R.T. -0.003 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

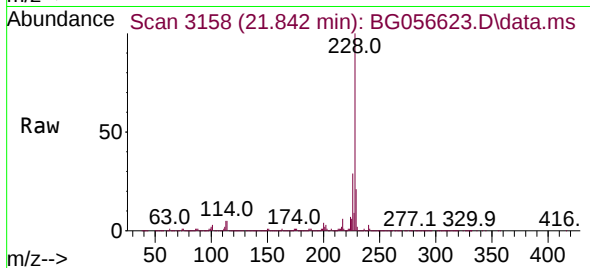
Tgt Ion:149 Resp: 228417
 Ion Ratio Lower Upper
 149 100
 91 63.1 49.4 74.0
 206 29.1 22.0 33.0





#81
Benzo(a)anthracene
Concen: 87.639 ng
RT: 21.842 min Scan# 311
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

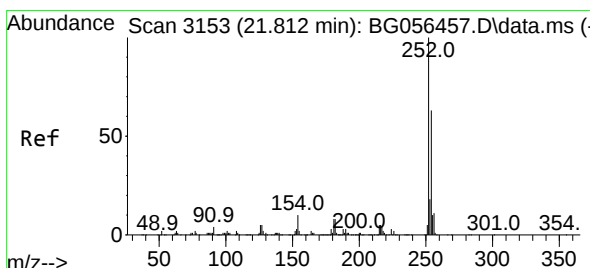
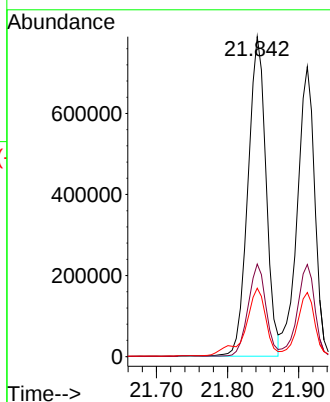
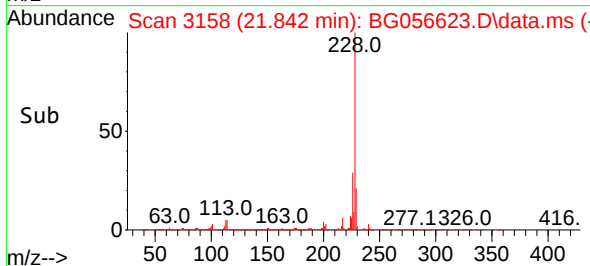
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



Tgt Ion:228 Resp: 139444
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 21.4 16.5 24.7

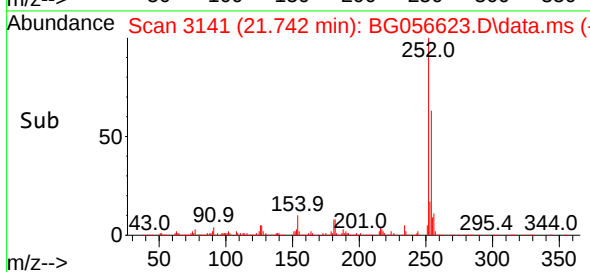
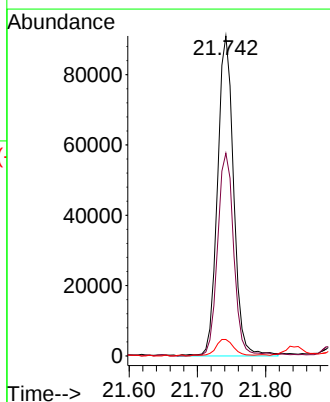
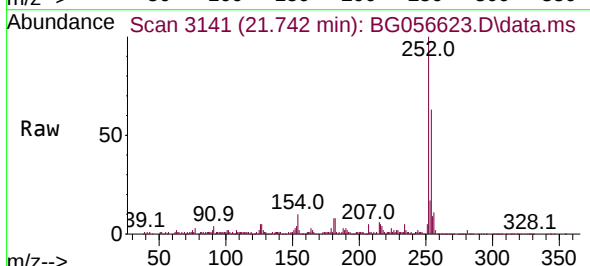
Manual Integrations
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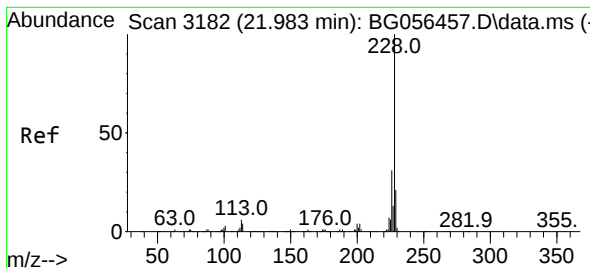
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.942 ng
RT: 21.742 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

Tgt Ion:252 Resp: 148646
Ion Ratio Lower Upper
252 100
254 63.3 50.0 75.0
126 5.1 4.3 6.5





#83

Chrysene

Concen: 81.576 ng

RT: 21.912 min Scan# 3117

Delta R.T. 0.003 min

Lab File: BG056623.D

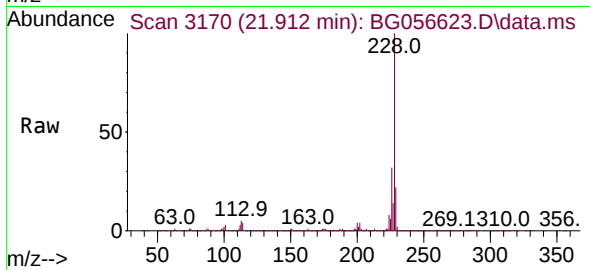
Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SB-01-5.0-7.0MSD



Tgt Ion:228 Resp: 1219438

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.4

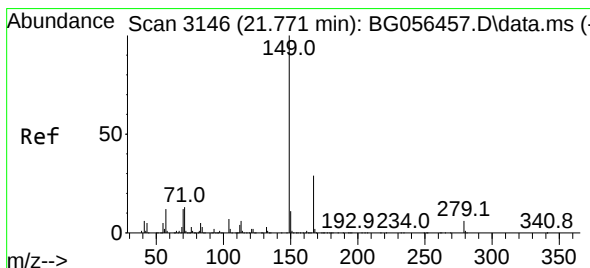
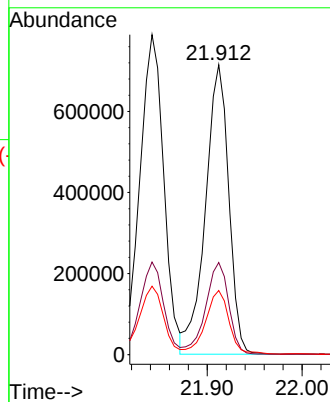
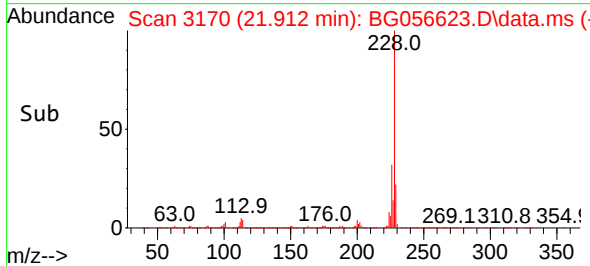
229 22.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.838 ng

RT: 21.695 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

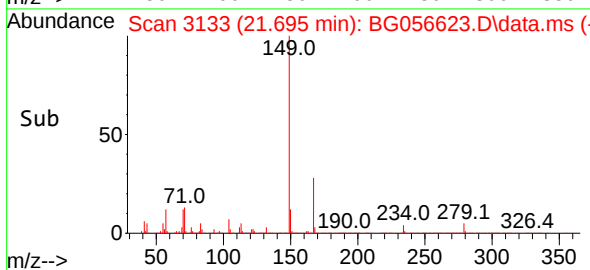
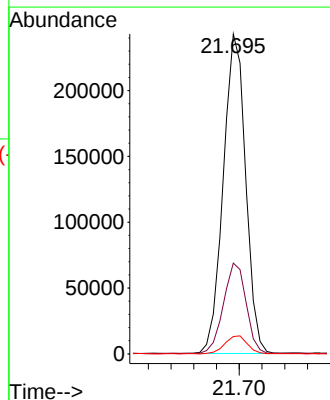
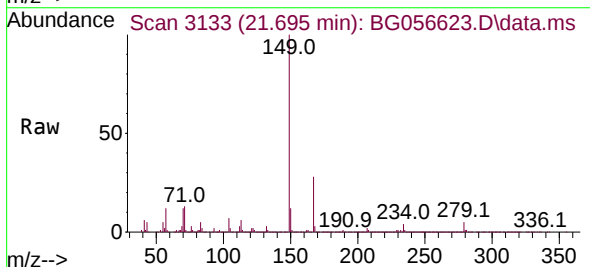
Tgt Ion:149 Resp: 331968

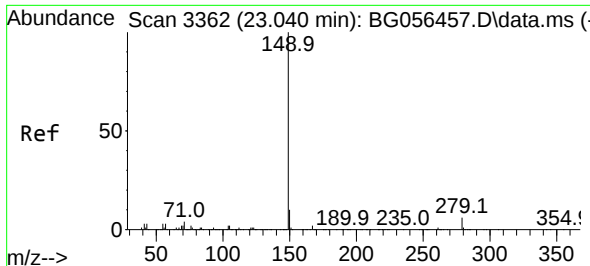
Ion Ratio Lower Upper

149 100

167 28.4 23.4 35.2

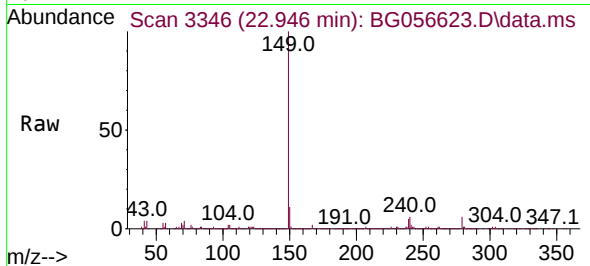
279 5.4 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 46.948 ng
RT: 22.946 min Scan# 3362
Delta R.T. -0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

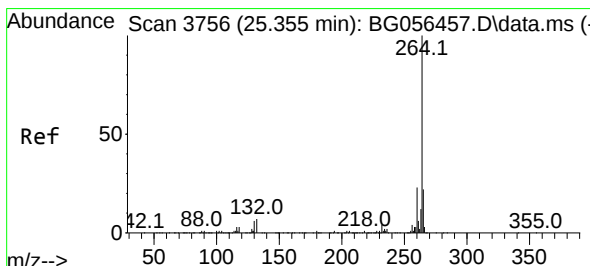
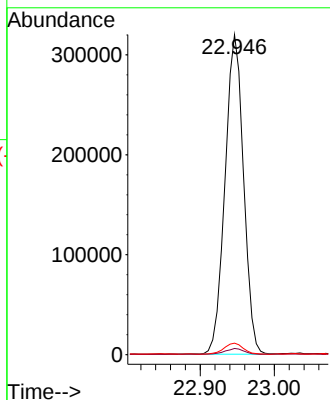
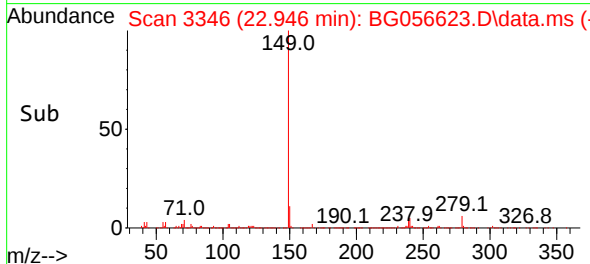
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



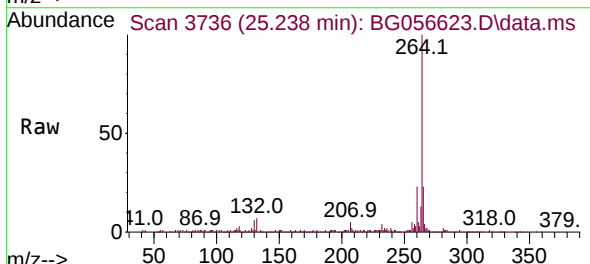
Tgt Ion:149 Resp: 55414
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 3.6 2.7 4.1

Manual Integrations
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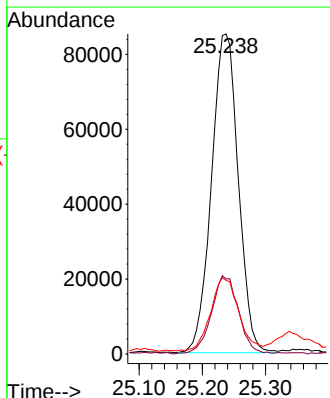
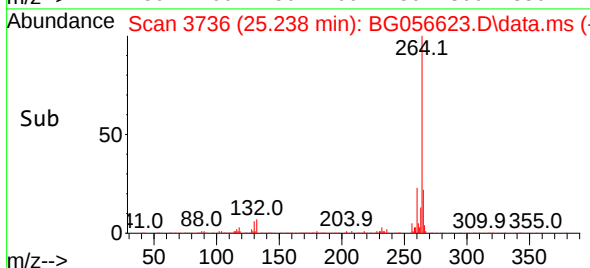
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

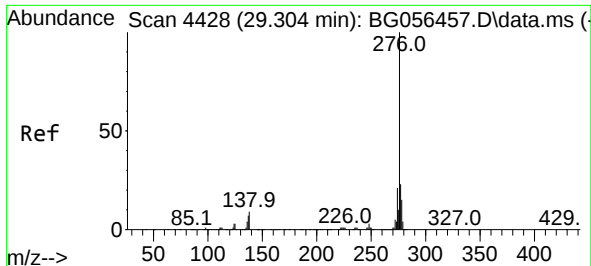


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.238 min Scan# 3736
Delta R.T. 0.003 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



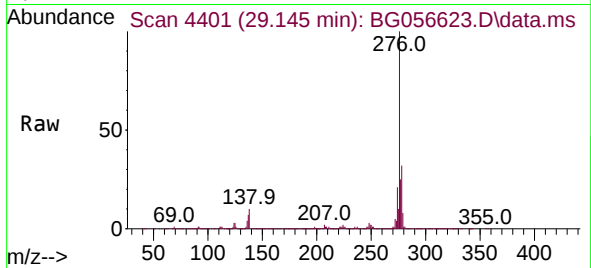
Tgt Ion:264 Resp: 251172
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 23.0 18.1 27.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 64.419 ng
 RT: 29.145 min Scan# 4428
 Delta R.T. 0.015 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

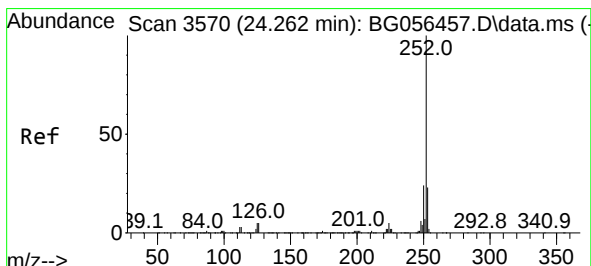
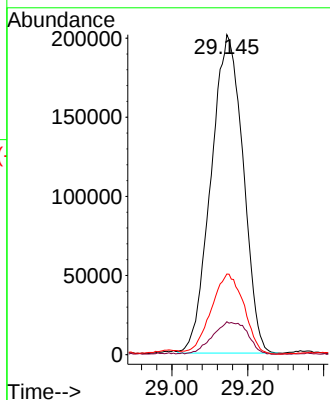
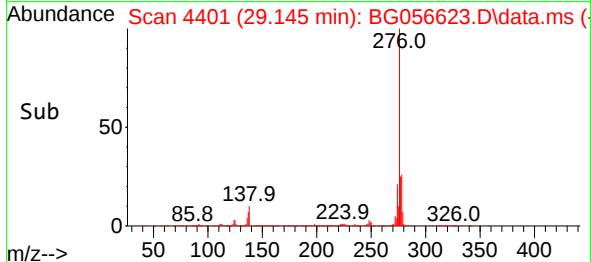
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-5.0-7.0MSD



Tgt Ion:276 Resp: 1184418
 Ion Ratio Lower Upper
 276 100
 138 11.1 9.4 14.2
 277 25.7 20.3 30.5

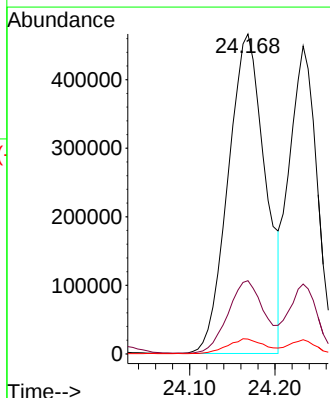
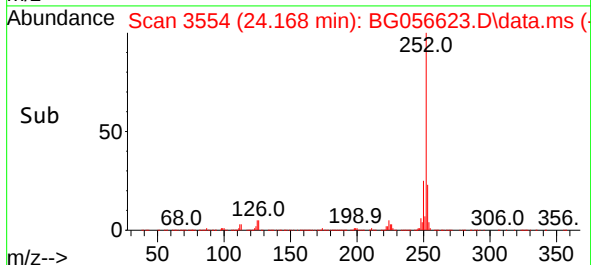
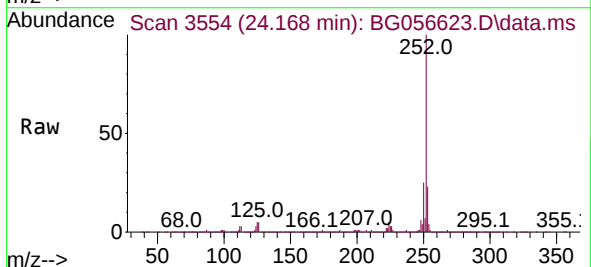
Manual Integrations
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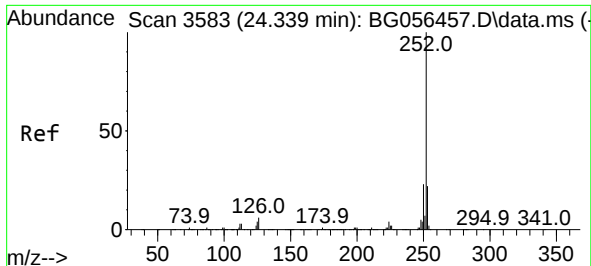
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#88
 Benzo(b)fluoranthene
 Concen: 90.408 ng
 RT: 24.168 min Scan# 3554
 Delta R.T. 0.009 min
 Lab File: BG056623.D
 Acq: 13 Feb 2023 17:24

Tgt Ion:252 Resp: 1409465
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.1 27.1
 125 4.6 3.9 5.9





#89

Benzo(k)fluoranthene

Concen: 64.069 ng

RT: 24.233 min Scan# 3583

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SB-01-5.0-7.0MSD

Tgt Ion:252 Resp: 1008458

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

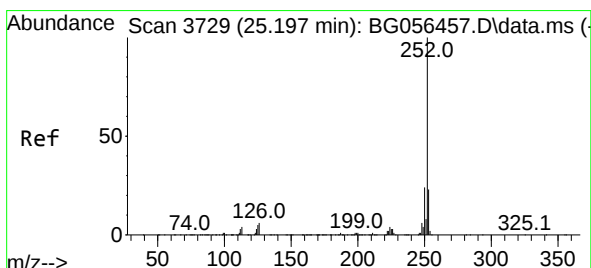
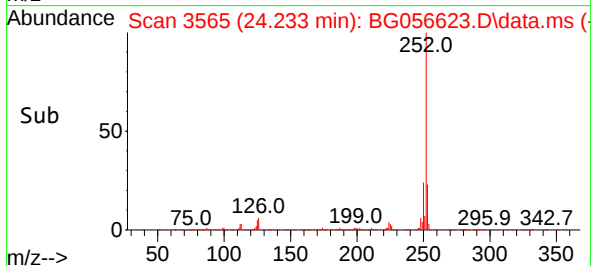
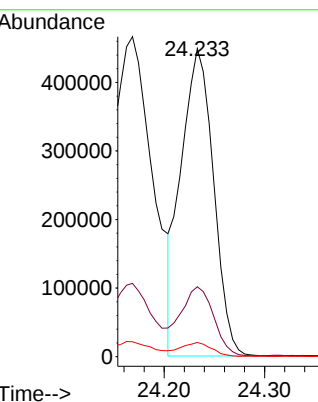
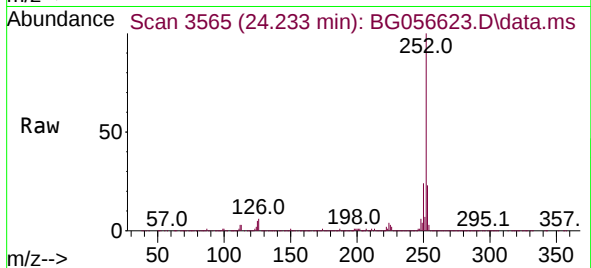
125 4.6 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#90

Benzo(a)pyrene

Concen: 76.267 ng

RT: 25.085 min Scan# 3710

Delta R.T. 0.003 min

Lab File: BG056623.D

Acq: 13 Feb 2023 17:24

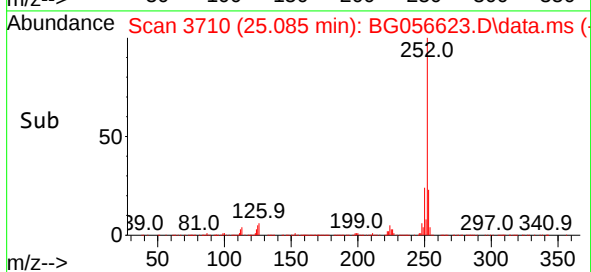
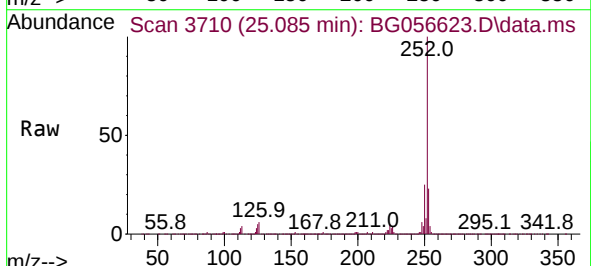
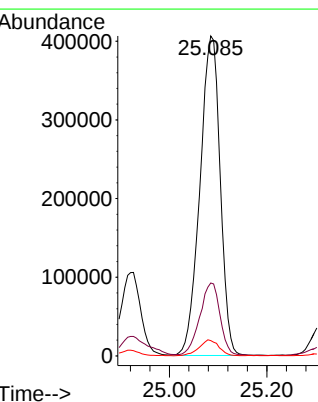
Tgt Ion:252 Resp: 1171230

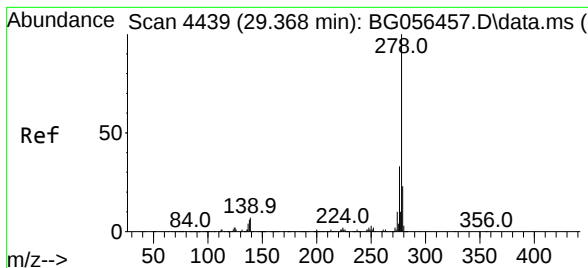
Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

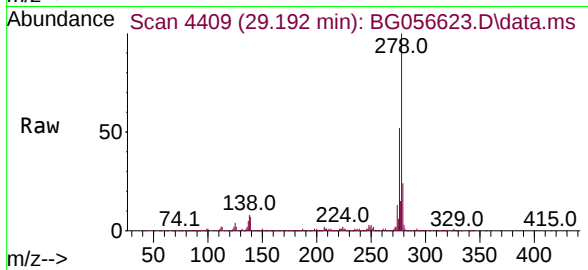
125 4.8 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 54.071 ng
RT: 29.192 min Scan# 4439
Delta R.T. 0.009 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24

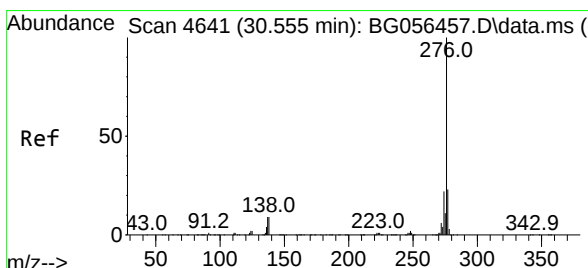
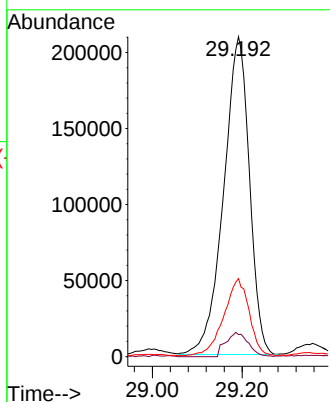
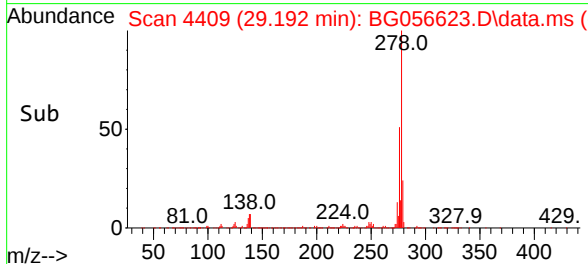
Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD



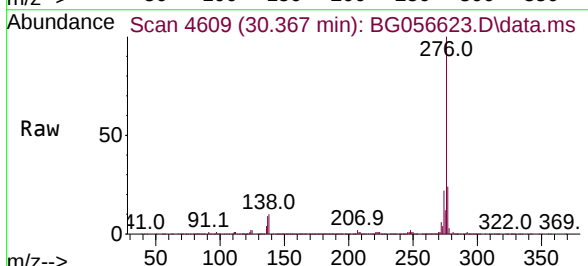
Tgt Ion:278 Resp: 834496
Ion Ratio Lower Upper
278 100
139 6.9 5.5 8.3
279 24.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#92
Benzo(g,h,i)perylene
Concen: 65.936 ng
RT: 30.367 min Scan# 4609
Delta R.T. 0.015 min
Lab File: BG056623.D
Acq: 13 Feb 2023 17:24



Tgt Ion:276 Resp: 981889
Ion Ratio Lower Upper
276 100
277 24.3 18.5 27.7
138 9.5 7.4 11.0

