

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056932.D
 Acq On : 30 Mar 2023 20:54
 Operator : CG/JU
 Sample : PB151793BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151793BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 04:05:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	16328	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	69152	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	54244	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	138418	20.000	ng	0.00
76) Chrysene-d12	22.095	240	131743	20.000	ng	0.00
86) Perylene-d12	25.643	264	147156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	126529	124.022	ng	0.00
7) Phenol-d6	7.544	99	184225	120.735	ng	0.00
23) Nitrobenzene-d5	9.588	82	110907	65.624	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	91630	105.739	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	269007	67.247	ng	0.00
79) Terphenyl-d14	20.338	244	529228	67.976	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.720	88	19757	44.177	ng	97
3) Pyridine	4.143	79	52706	36.590	ng	98
4) n-Nitrosodimethylamine	4.049	42	29687	44.826	ng	95
6) Aniline	7.720	93	65998	33.834	ng	97
8) 2-Chlorophenol	7.967	128	50375	49.573	ng	96
9) Benzaldehyde	7.532	77	39644	41.423	ng	90
10) Phenol	7.573	94	77769	51.437	ng	98
11) bis(2-Chloroethyl)ether	7.808	93	47270	43.891	ng	99
12) 1,3-Dichlorobenzene	8.302	146	52352	46.625	ng	96
13) 1,4-Dichlorobenzene	8.448	146	53532	47.238	ng	97
14) 1,2-Dichlorobenzene	8.777	146	49596	45.299	ng	99
15) Benzyl Alcohol	8.642	79	62334	49.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.936	45	57799m	44.531	ng	
17) 2-Methylphenol	8.842	107	51077	47.352	ng	93
18) Hexachloroethane	9.518	117	19034	45.953	ng	91
19) n-Nitroso-di-n-propyla...	9.218	70	45450	41.644	ng	# 94
20) 3+4-Methylphenols	9.171	107	69353	45.980	ng	99
22) Acetophenone	9.242	105	84530	41.080	ng	# 98
24) Nitrobenzene	9.635	77	71216	41.216	ng	99
25) Isophorone	10.152	82	128231	39.845	ng	99
26) 2-Nitrophenol	10.352	139	28199	42.282	ng	92
27) 2,4-Dimethylphenol	10.393	122	53487	45.422	ng	93
28) bis(2-Chloroethoxy)met...	10.634	93	64642	40.121	ng	94
29) 2,4-Dichlorophenol	10.892	162	56953	44.973	ng	94
30) 1,2,4-Trichlorobenzene	11.110	180	57216	42.522	ng	96
31) Naphthalene	11.309	128	156798	41.599	ng	98
32) Benzoic acid	10.510	122	37105m	45.873	ng	
33) 4-Chloroaniline	11.403	127	37107	21.797	ng	96
34) Hexachlorobutadiene	11.585	225	40529	40.097	ng	88
35) Caprolactam	12.155	113	18604m	42.598	ng	
36) 4-Chloro-3-methylphenol	12.490	107	62750	44.308	ng	97
37) 2-Methylnaphthalene	12.884	142	117007	39.113	ng	96
38) 1-Methylnaphthalene	13.095	142	110976	39.507	ng	96
40) 1,2,4,5-Tetrachloroben...	13.242	216	80414	42.750	ng	# 97
41) Hexachlorocyclopentadiene	13.219	237	112778	108.817	ng	97
43) 2,4,6-Trichlorophenol	13.471	196	52175	43.466	ng	96

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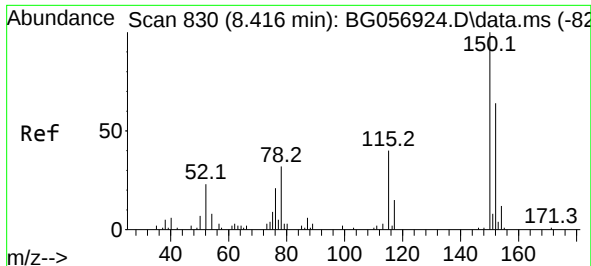
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	57088	40.146	ng	92
46) 1,1'-Biphenyl	13.865	154	172614	43.471	ng	95
47) 2-Chloronaphthalene	13.918	162	128927	43.901	ng	98
48) 2-Nitroaniline	14.106	65	44691	42.558	ng	96
49) Acenaphthylene	14.758	152	200509	41.554	ng	99
50) Dimethylphthalate	14.464	163	177669	41.569	ng	99
51) 2,6-Dinitrotoluene	14.587	165	37169	40.250	ng	99
52) Acenaphthene	15.092	154	160009	48.082	ng	99
53) 3-Nitroaniline	14.922	138	23845	26.087	ng	96
54) 2,4-Dinitrophenol	15.128	184	52250	100.524	ng	96
55) Dibenzofuran	15.421	168	208342	41.712	ng	98
56) 4-Nitrophenol	15.210	139	65880	97.469	ng	93
57) 2,4-Dinitrotoluene	15.374	165	55479	42.597	ng	# 98
58) Fluorene	16.068	166	173587	42.000	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	57439	44.363	ng	99
60) Diethylphthalate	15.815	149	179571	41.910	ng	99
61) 4-Chlorophenyl-phenyle...	16.050	204	101604	41.870	ng	98
62) 4-Nitroaniline	16.079	138	39187	41.379	ng	95
63) Azobenzene	16.344	77	178359	41.770	ng	98
65) 4,6-Dinitro-2-methylph...	16.132	198	37160	44.327	ng	98
66) n-Nitrosodiphenylamine	16.261	169	149369	40.199	ng	98
67) 4-Bromophenyl-phenylether	16.943	248	68447	39.965	ng	98
68) Hexachlorobenzene	17.072	284	73175	43.216	ng	97
69) Atrazine	17.195	200	70137	45.472	ng	98
70) Pentachlorophenol	17.413	266	94178	77.528	ng	96
71) Phenanthrene	17.812	178	295434	41.863	ng	98
72) Anthracene	17.906	178	301009	41.607	ng	100
73) Carbazole	18.165	167	270383	42.866	ng	97
74) Di-n-butylphthalate	18.688	149	308060	42.177	ng	99
75) Fluoranthene	19.798	202	372410	41.628	ng	100
77) Benzidine	19.962	184	179534	49.857	ng	98
78) Pyrene	20.162	202	378852	41.577	ng	97
80) Butylbenzylphthalate	21.020	149	133879	42.696	ng	96
81) Benzo(a)anthracene	22.071	228	387394	42.493	ng	98
82) 3,3'-Dichlorobenzidine	21.965	252	83127	27.003	ng	99
83) Chrysene	22.148	228	348836	40.866	ng	99
84) Bis(2-ethylhexyl)phtha...	21.930	149	194827	42.909	ng	99
85) Di-n-octyl phthalate	23.252	149	326544	42.677	ng	99
87) Indeno(1,2,3-cd)pyrene	29.737	276	462569	42.533	ng	# 96
88) Benzo(b)fluoranthene	24.509	252	406729	44.200	ng	98
89) Benzo(k)fluoranthene	24.580	252	387331	42.162	ng	95
90) Benzo(a)pyrene	25.472	252	357391	39.523	ng	99
91) Dibenzo(a,h)anthracene	29.802	278	376913	42.163	ng	96
92) Benzo(g,h,i)perylene	31.024	276	366704	41.892	ng	99

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

Manual Integrations APPROVED

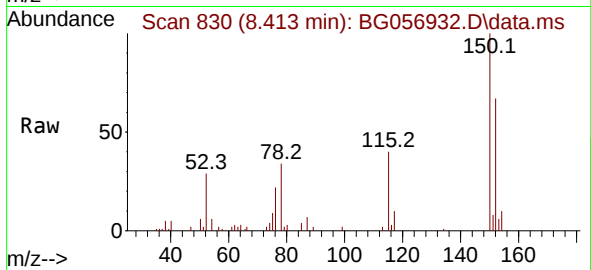
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

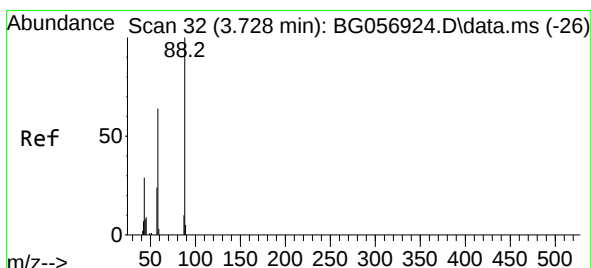
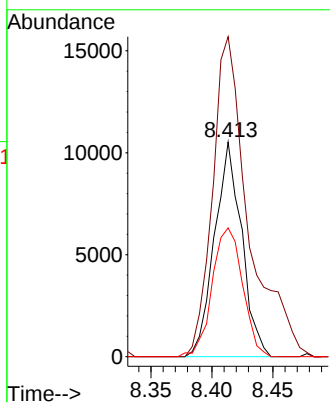
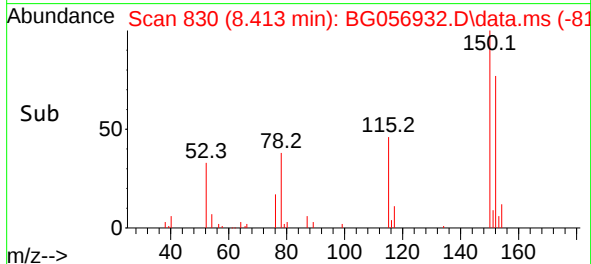
Instrument :
BNA_G
ClientSampleId :
PB151793BS



Tgt Ion:152 Resp: 16328
Ion Ratio Lower Upper
152 100
150 149.2 124.1 186.1
115 60.0 49.1 73.7

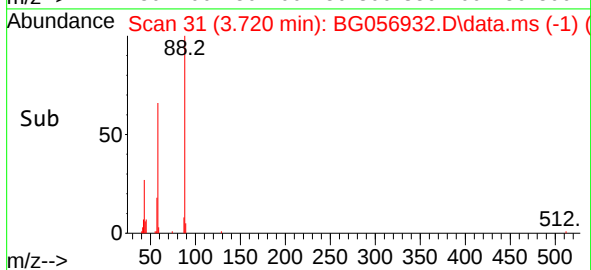
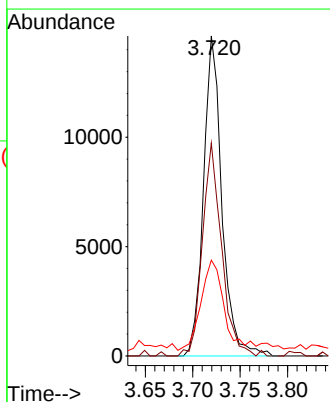
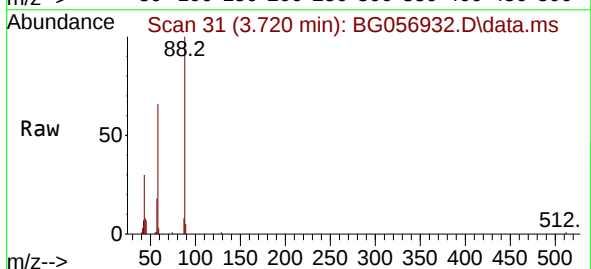
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#2
1,4-Dioxane
Concen: 44.177 ng
RT: 3.720 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

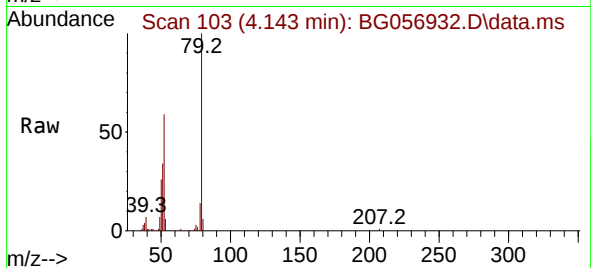
Tgt Ion: 88 Resp: 19757
Ion Ratio Lower Upper
88 100
58 69.1 55.9 83.9
43 37.1 25.7 38.5





#3
Pyridine
Concen: 36.590 ng
RT: 4.143 min Scan# 104
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

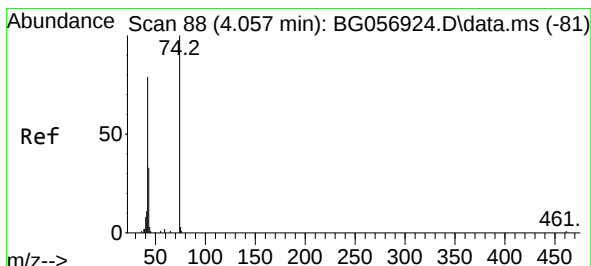
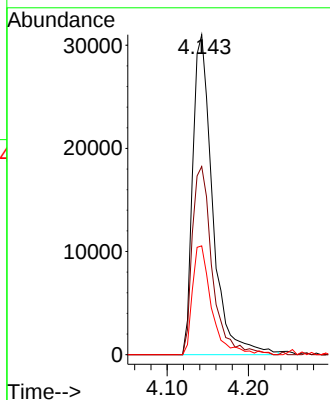
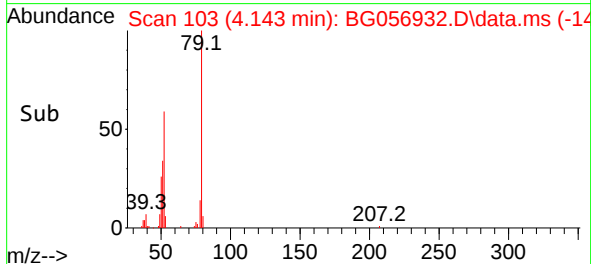
Instrument :
BNA_G
ClientSampleId :
PB151793BS



Tgt Ion: 79 Resp: 52700
Ion Ratio Lower Upper
79 100
52 58.8 46.1 69.1
51 34.0 26.1 39.1

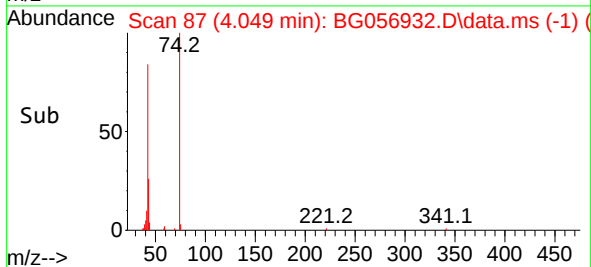
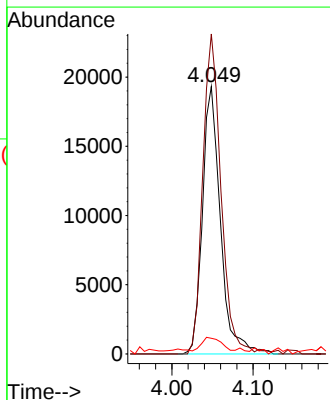
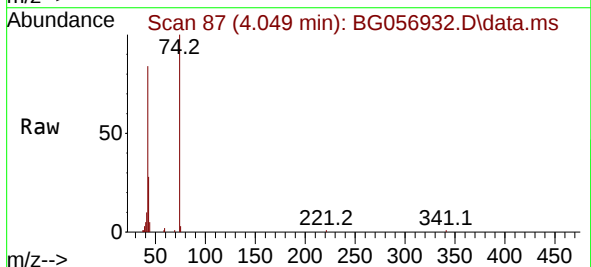
Manual Integrations
APPROVED

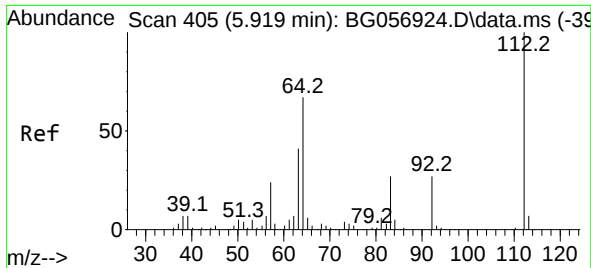
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#4
n-Nitrosodimethylamine
Concen: 44.826 ng
RT: 4.049 min Scan# 87
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion: 42 Resp: 29687
Ion Ratio Lower Upper
42 100
74 119.7 100.6 151.0
44 5.9 4.6 7.0





#5
2-Fluorophenol
Concen: 124.022 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

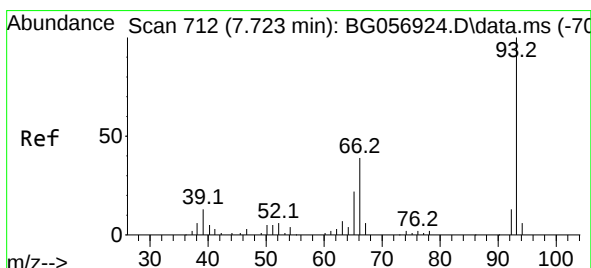
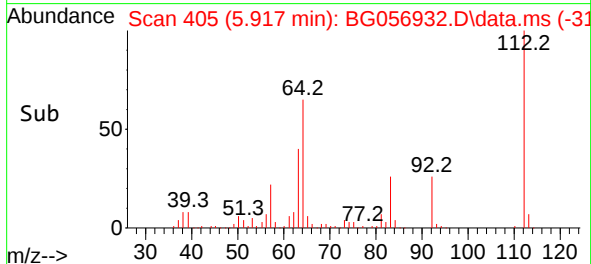
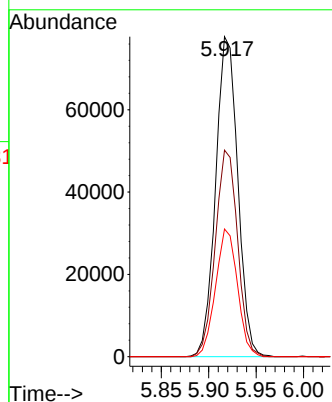
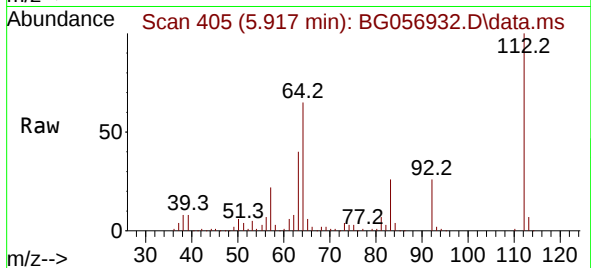
PB151793BS

Tgt Ion:112 Resp: 126529
Ion Ratio Lower Upper
112 100
64 64.6 53.2 79.8
63 39.9 32.6 48.8

Manual Integrations

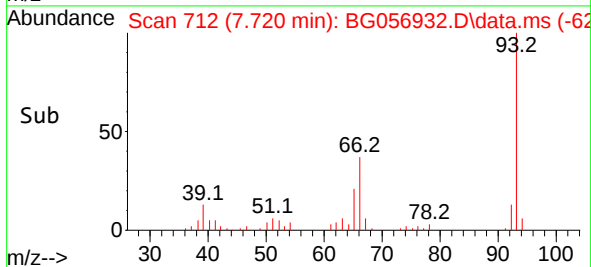
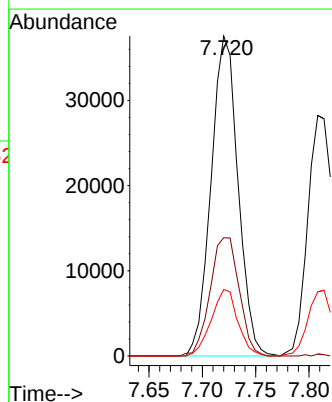
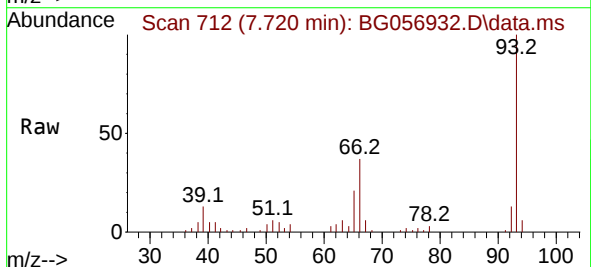
APPROVED

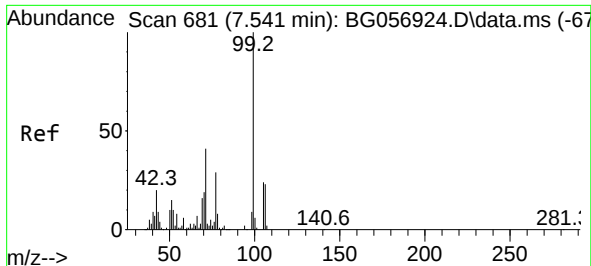
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#6
Aniline
Concen: 33.834 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

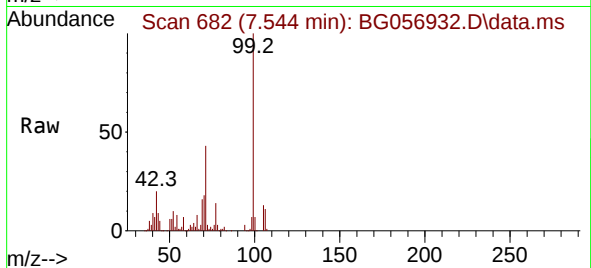
Tgt Ion: 93 Resp: 65998
Ion Ratio Lower Upper
93 100
66 37.0 31.4 47.0
65 20.7 17.3 25.9





#7
Phenol-d6
Concen: 120.735 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

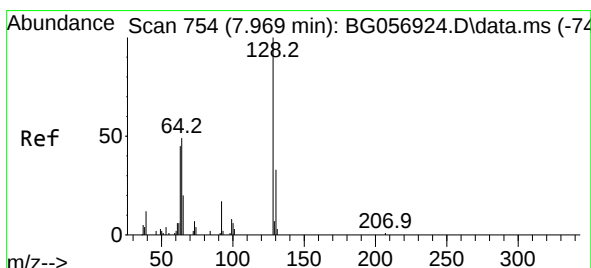
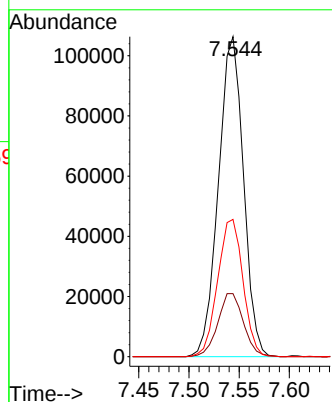
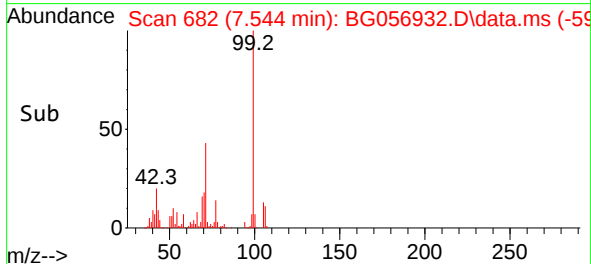
Instrument :
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Tgt Ion: 99 Resp: 184225
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 42.9 32.5 48.7

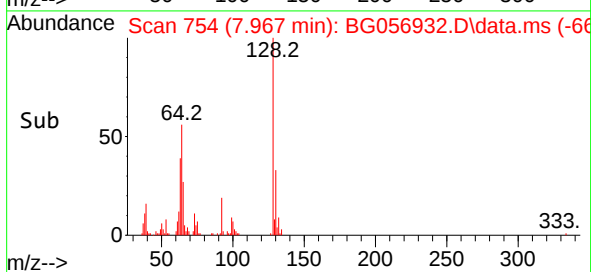
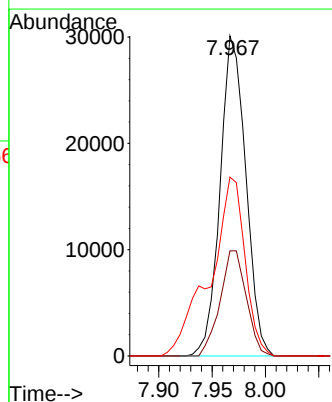
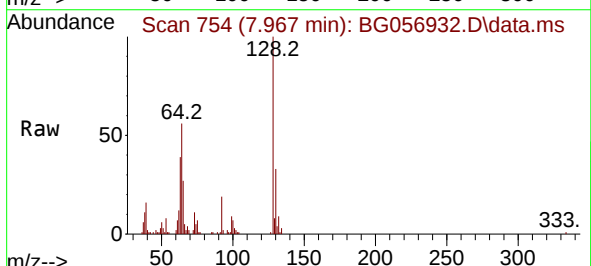
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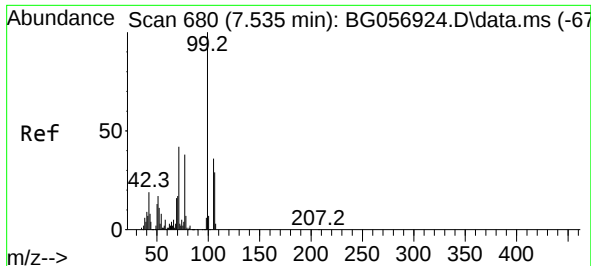
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#8
2-Chlorophenol
Concen: 49.573 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

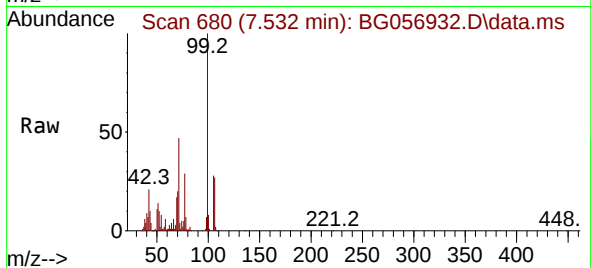
Tgt Ion:128 Resp: 50375
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 55.9 40.6 80.6





#9
Benzaldehyde
Concen: 41.423 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

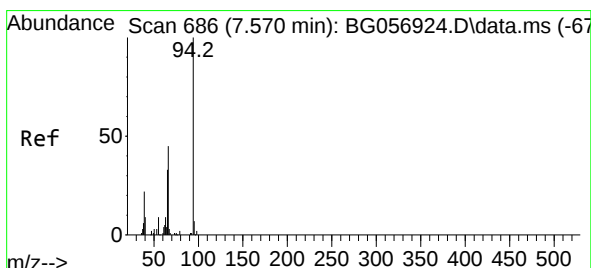
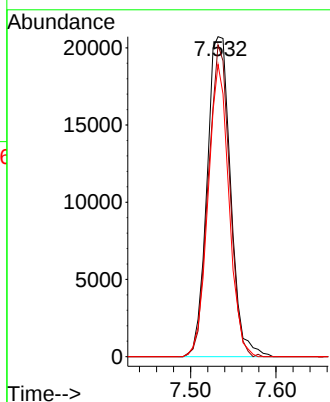
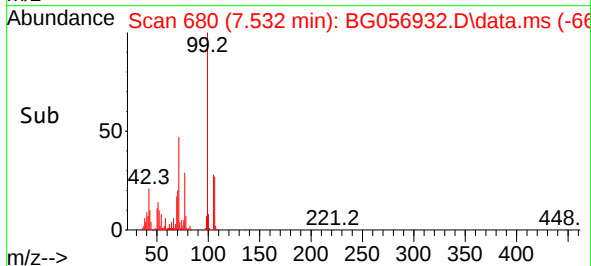
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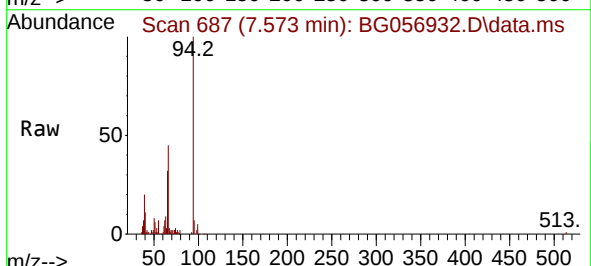
Tgt Ion: 77 Resp: 3964
Ion Ratio Lower Upper
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105 97.5 73.6 113.6
106 91.4 56.7 96.7

Manual Integrations
APPROVED

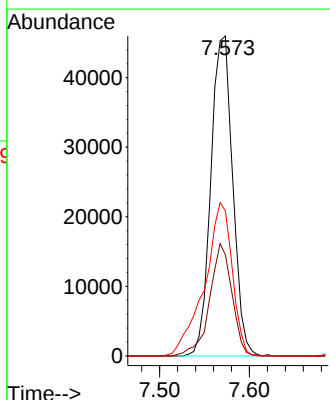
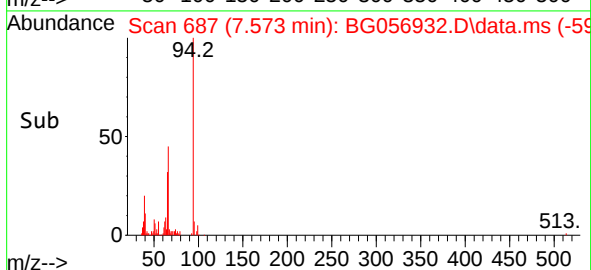
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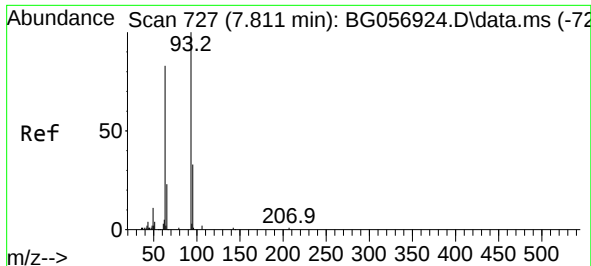


#10
Phenol
Concen: 51.437 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion: 94 Resp: 77769
Ion Ratio Lower Upper
94 100
65 31.6 13.3 53.3
66 45.3 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 43.891 ng
RT: 7.808 min Scan# 727
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

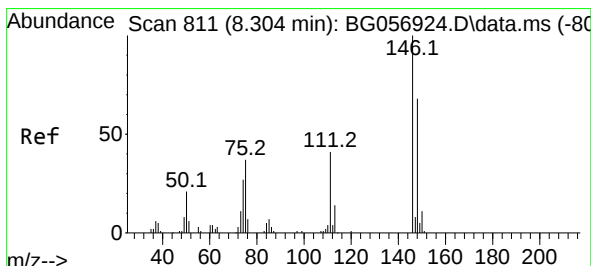
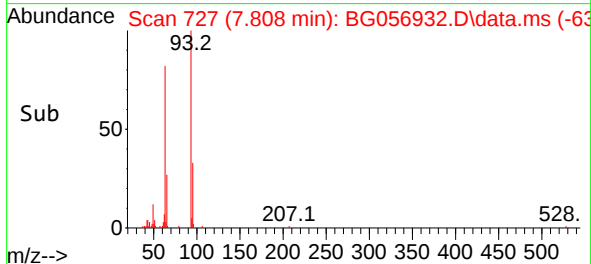
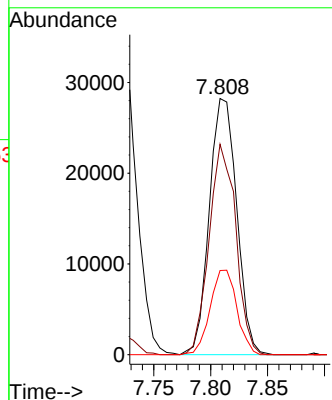
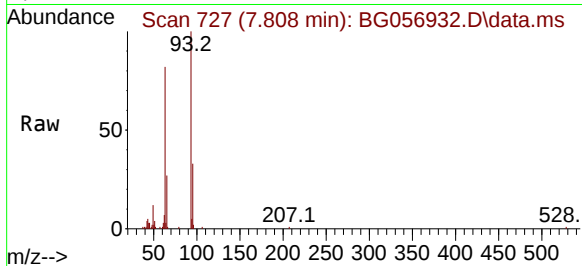
ClientSampleId :

PB151793BS

Tgt Ion: 93 Resp: 47270
Ion Ratio Lower Upper
93 100
63 82.1 62.7 102.7
95 32.9 12.3 52.3

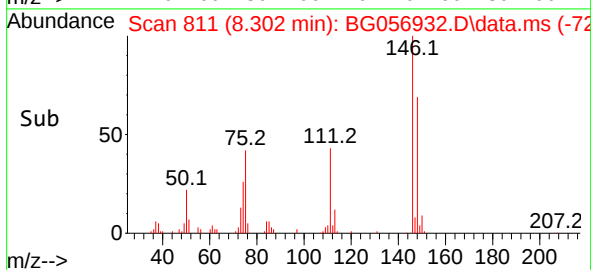
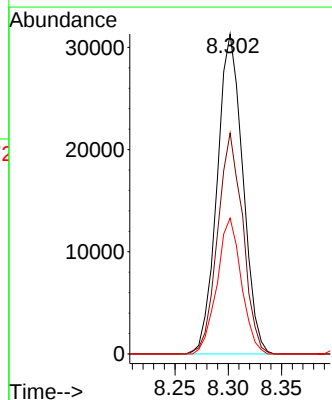
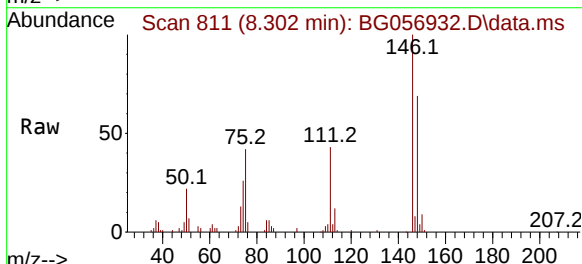
Manual Integrations
APPROVED

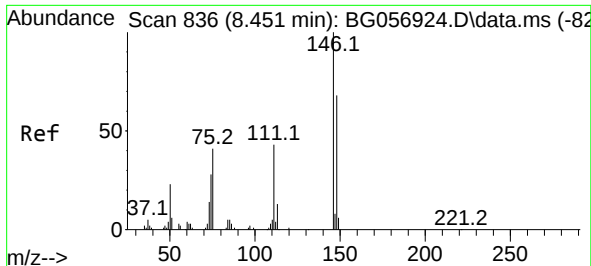
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#12
1,3-Dichlorobenzene
Concen: 46.625 ng
RT: 8.302 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

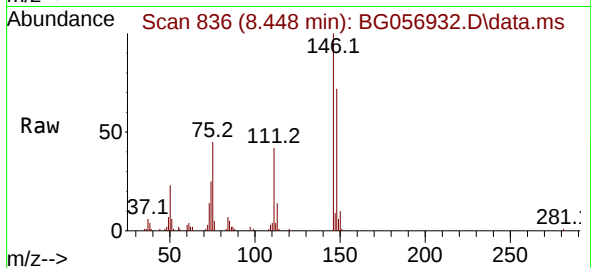
Tgt Ion:146 Resp: 52352
Ion Ratio Lower Upper
146 100
148 69.0 54.2 81.4
75 42.5 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 47.238 ng
RT: 8.448 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

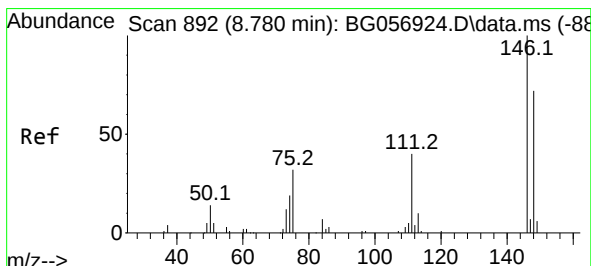
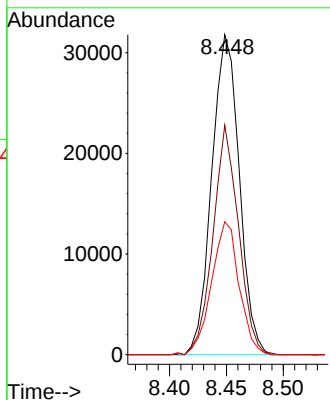
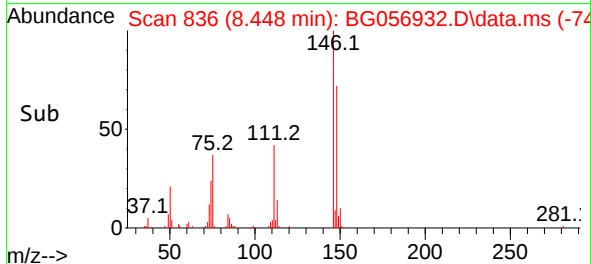
Instrument :
BNA_G
ClientSampleId :
PB151793BS



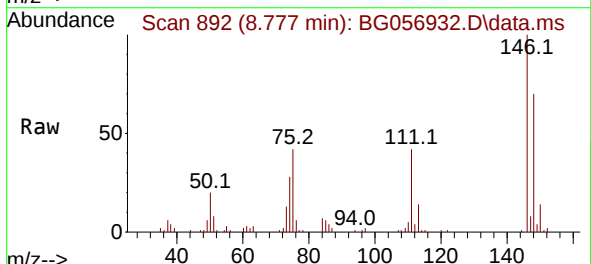
Tgt Ion:146 Resp: 53532
Ion Ratio Lower Upper
146 100
148 71.7 54.8 82.2
111 41.5 34.6 52.0

Manual Integrations
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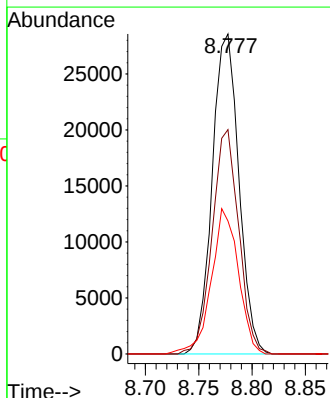
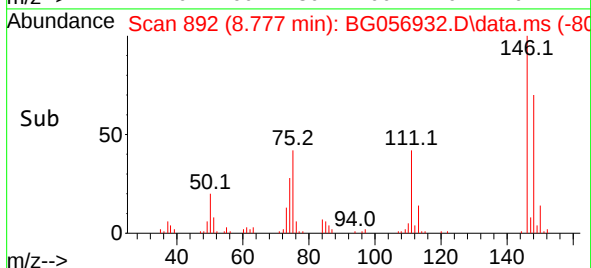
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

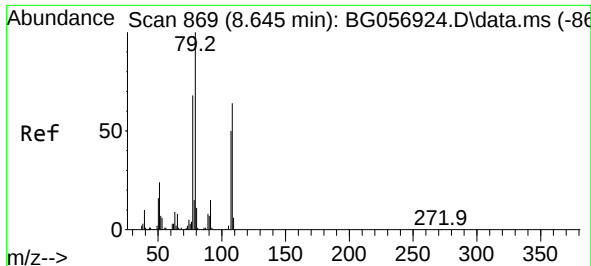


#14
1,2-Dichlorobenzene
Concen: 45.299 ng
RT: 8.777 min Scan# 892
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion:146 Resp: 49596
Ion Ratio Lower Upper
146 100
148 70.1 57.4 86.0
111 41.5 33.2 49.8





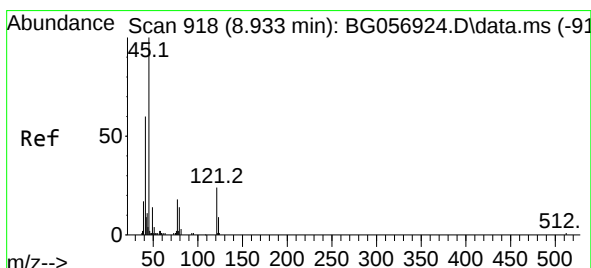
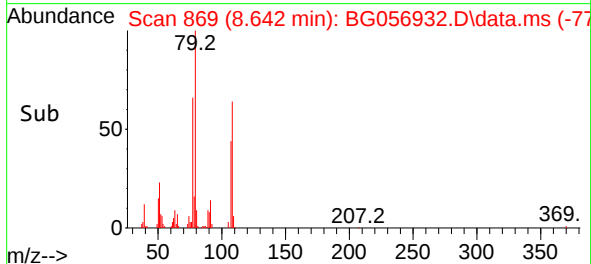
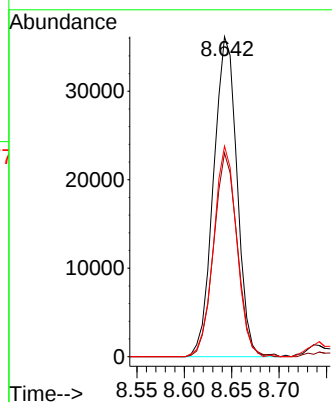
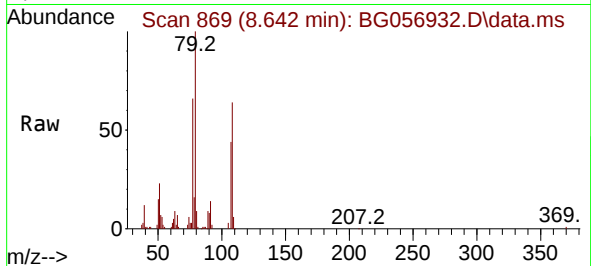
#15
Benzyl Alcohol
Concen: 49.165 ng
RT: 8.642 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :
BNA_G
ClientSampleId :
PB151793BS

Tgt Ion: 79 Resp: 62334
Ion Ratio Lower Upper
79 100
108 63.7 51.2 76.8
77 65.8 54.4 81.6

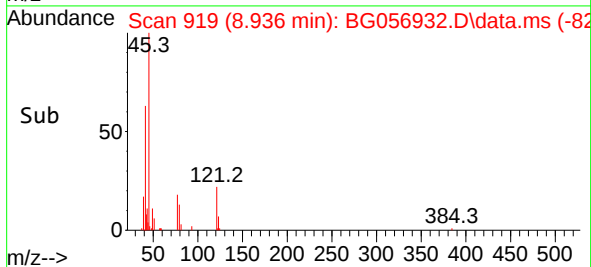
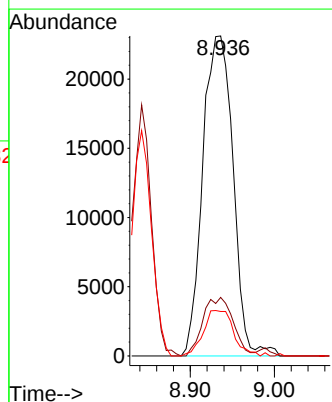
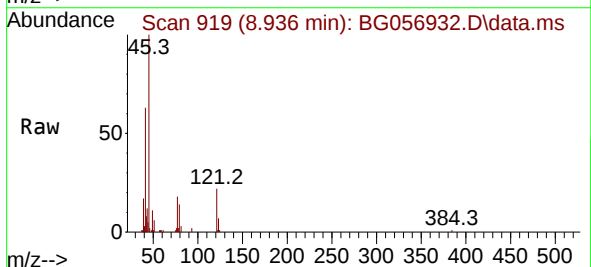
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.531 ng m
RT: 8.936 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion: 45 Resp: 57799
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.7
79 13.9 0.0 35.1





#17

2-Methylphenol

Concen: 47.352 ng

RT: 8.842 min Scan# 903

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

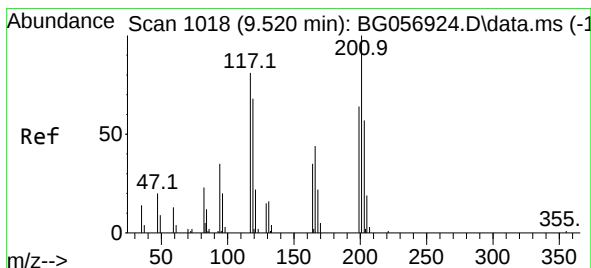
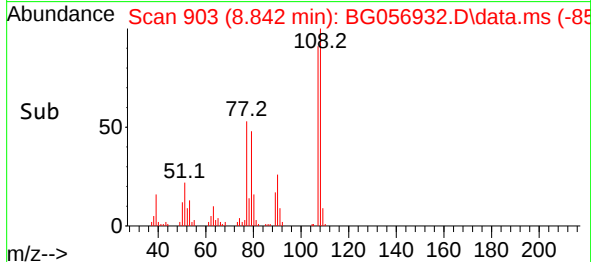
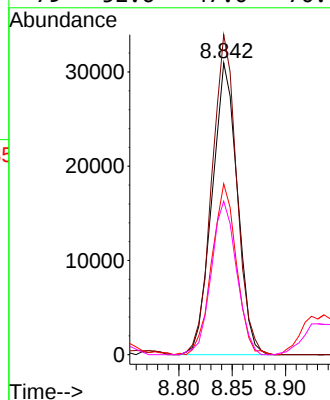
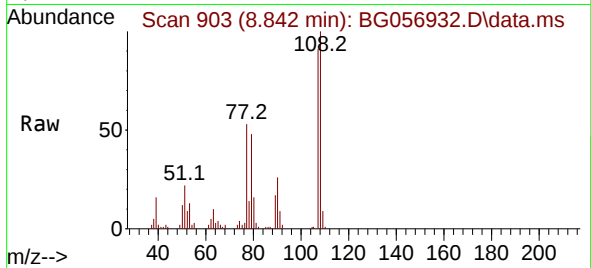
PB151793BS

Tgt Ion:	107	Resp:	5107
Ion Ratio	Lower	Upper	
107	100		
108	109.6	96.0	144.0
77	58.5	45.6	68.4
79	52.6	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#18

Hexachloroethane

Concen: 45.953 ng

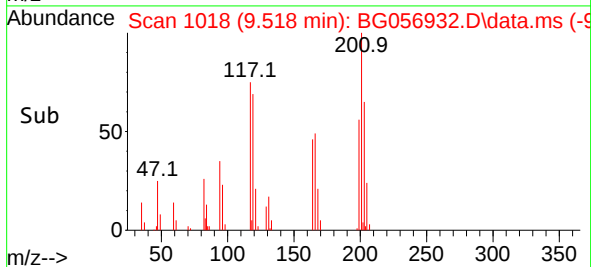
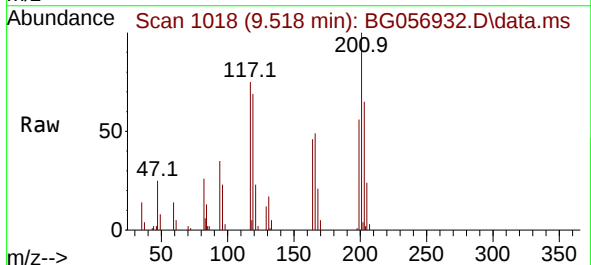
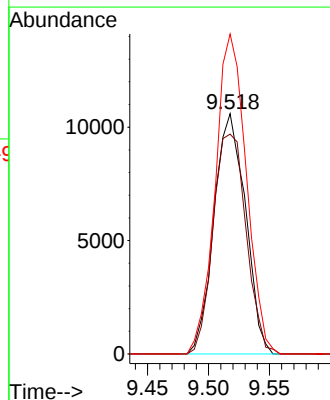
RT: 9.518 min Scan# 1018

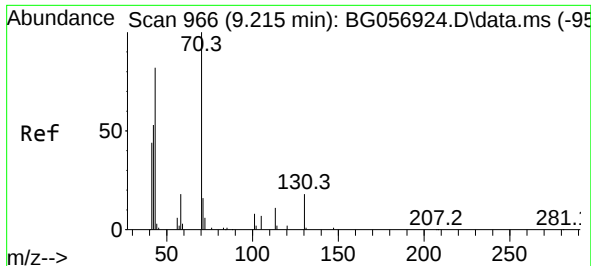
Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Tgt Ion:	117	Resp:	19034
Ion Ratio	Lower	Upper	
117	100		
119	91.5	67.0	100.6
201	133.1	98.7	148.1





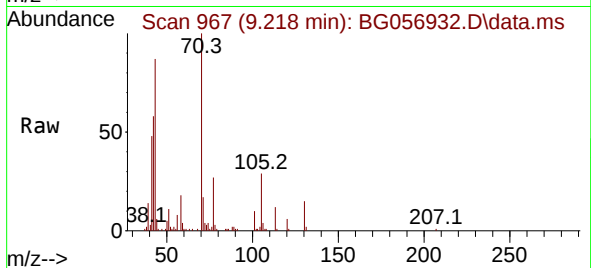
#19
n-Nitroso-di-n-propylamine
Concen: 41.644 ng
RT: 9.218 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

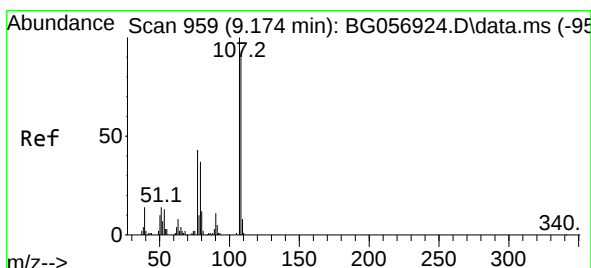
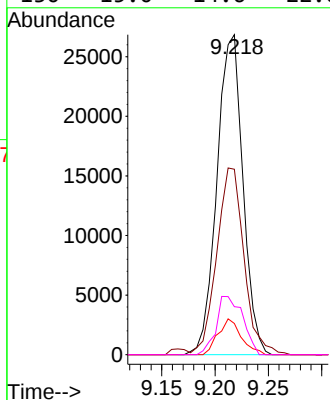
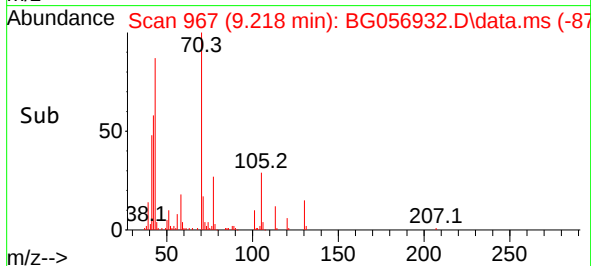


Tgt Ion: 70 Resp: 45450
Ion Ratio Lower Upper
70 100
42 58.0 43.4 65.0
101 9.8 6.2 9.2
130 15.0 14.6 22.0

Manual Integrations

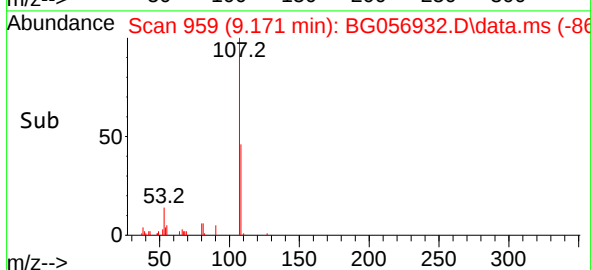
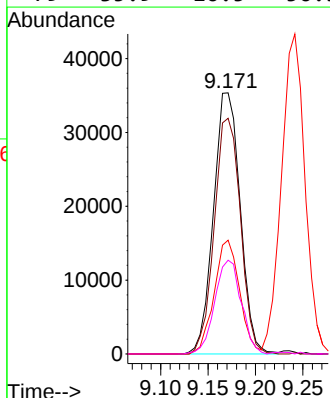
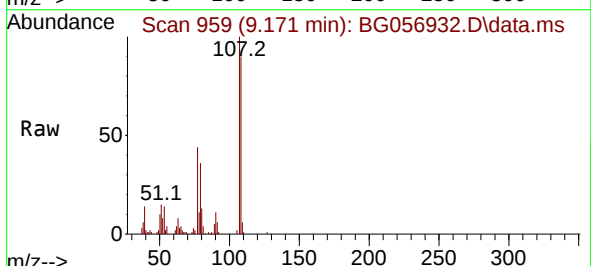
APPROVED

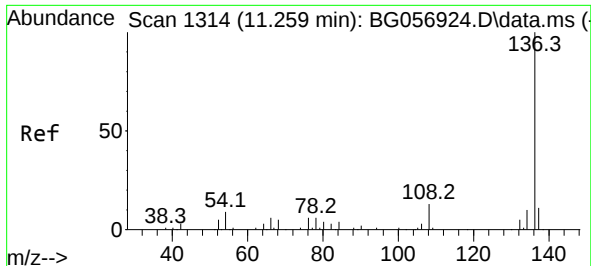
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#20
3+4-Methylphenols
Concen: 45.980 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:107 Resp: 69353
Ion Ratio Lower Upper
107 100
108 90.3 69.9 109.9
77 43.6 22.7 62.7
79 35.9 16.5 56.5





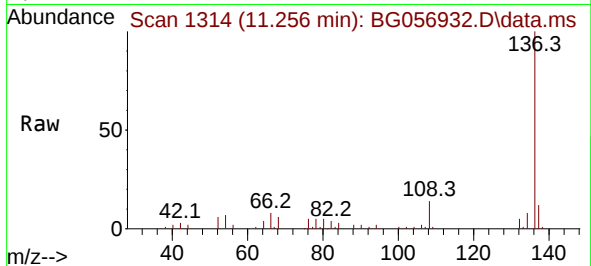
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

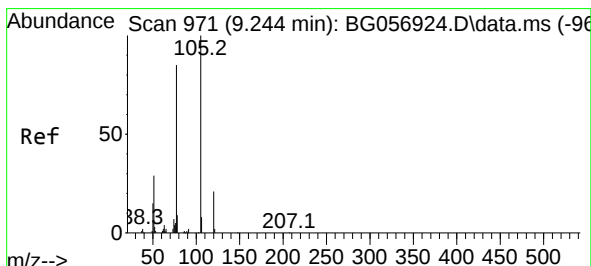
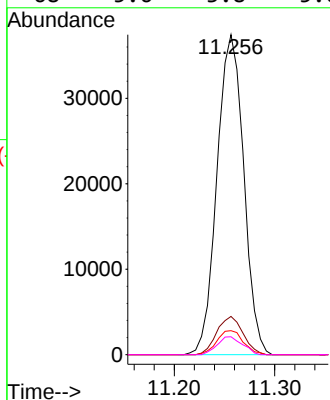
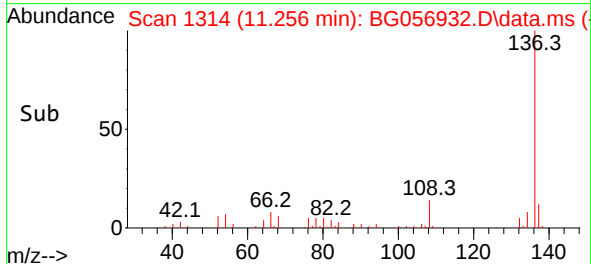


Tgt Ion:136 Resp: 69152
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 7.5 6.9 10.3
68 5.6 3.8 5.6

Manual Integrations

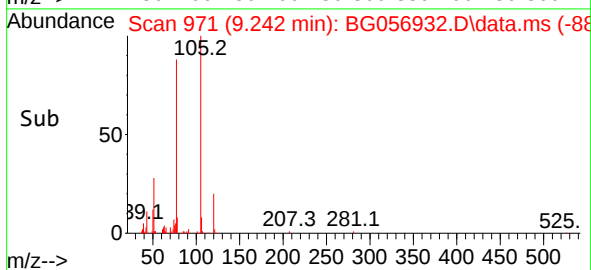
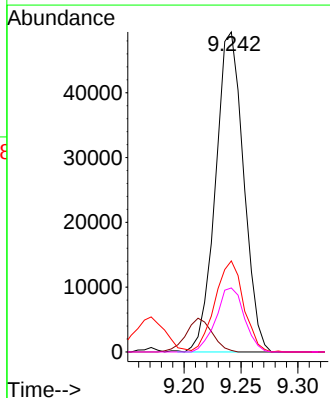
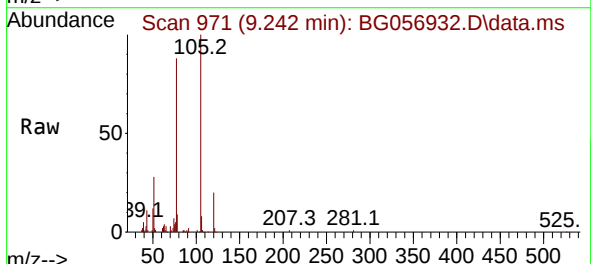
APPROVED

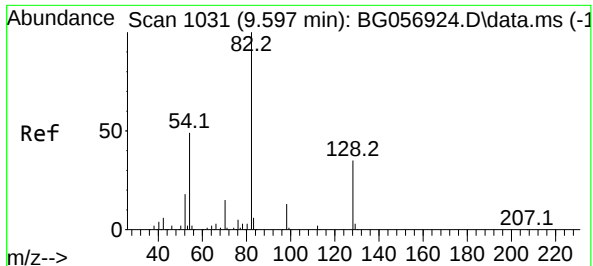
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#22
Acetophenone
Concen: 41.080 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:105 Resp: 84530
Ion Ratio Lower Upper
105 100
71 0.5 0.7 1.1#
51 28.4 23.8 35.8
120 20.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 65.624 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

Tgt Ion: 82 Resp: 11090

Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

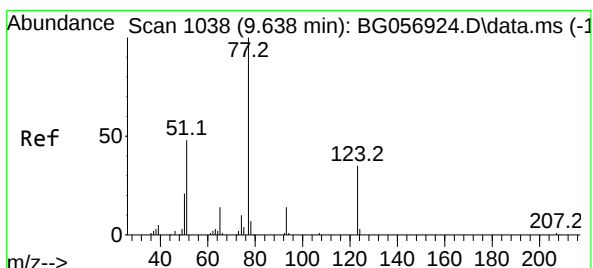
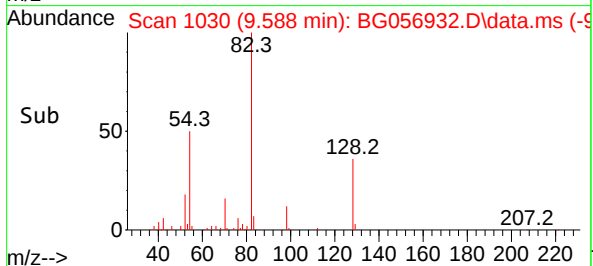
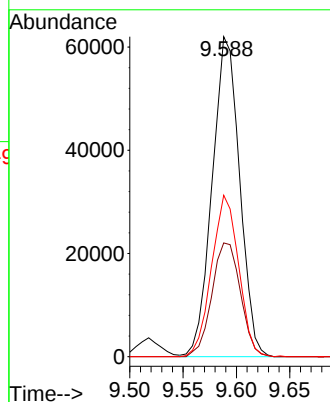
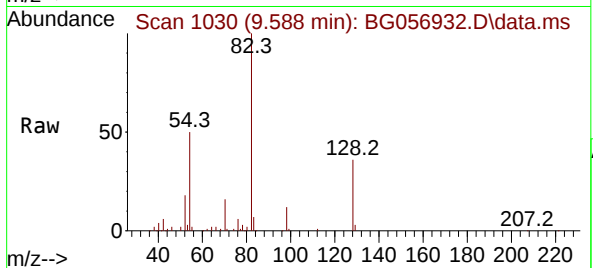
54 50.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#24

Nitrobenzene

Concen: 41.216 ng

RT: 9.635 min Scan# 1038

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

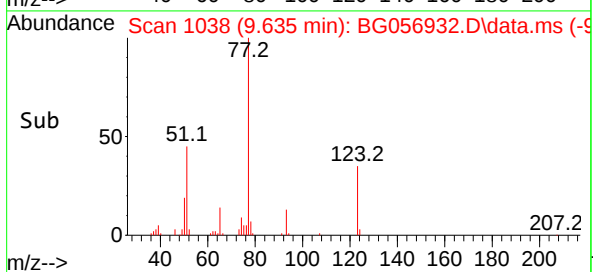
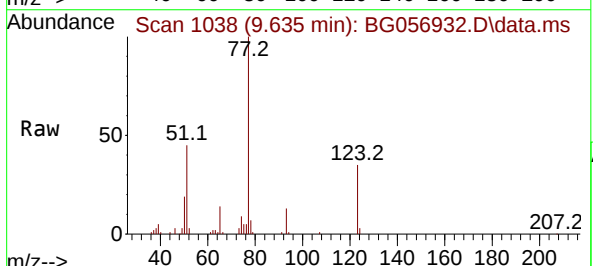
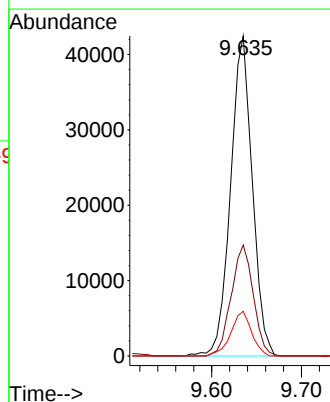
Tgt Ion: 77 Resp: 71216

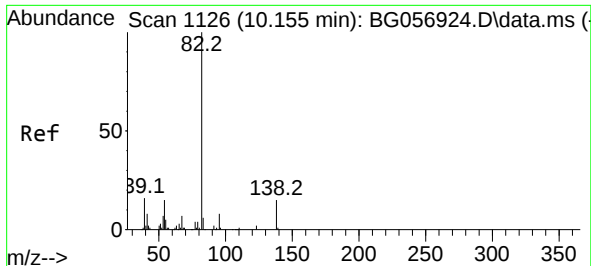
Ion Ratio Lower Upper

77 100

123 34.7 27.6 41.4

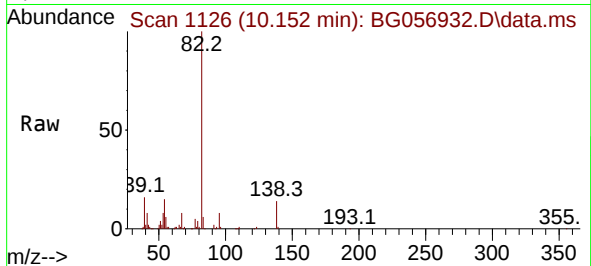
65 14.0 11.5 17.3





#25
Isophorone
Concen: 39.845 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

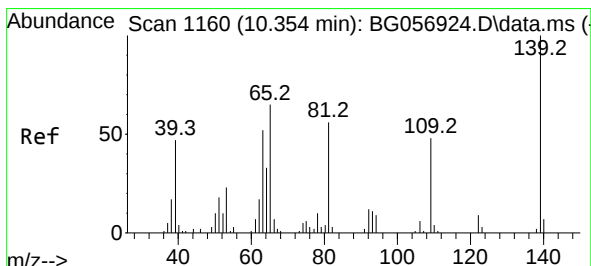
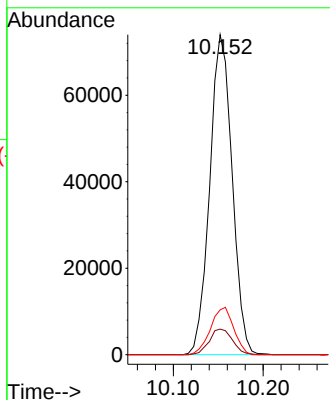
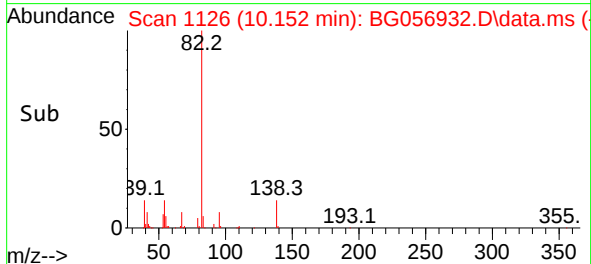
Instrument :
BNA_G
ClientSampleId :
PB151793BS



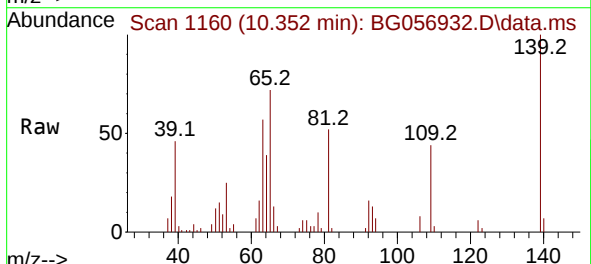
Tgt Ion: 82 Resp: 12823
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 14.0 11.8 17.8

Manual Integrations
APPROVED

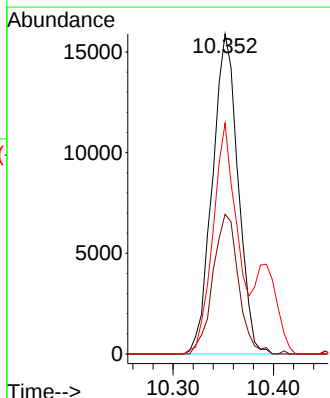
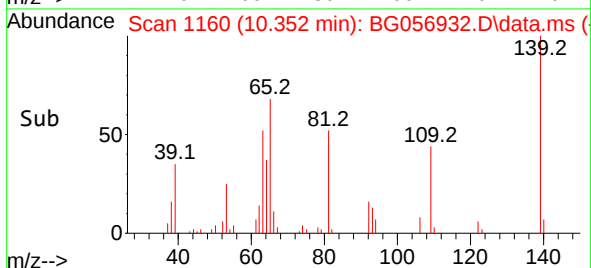
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

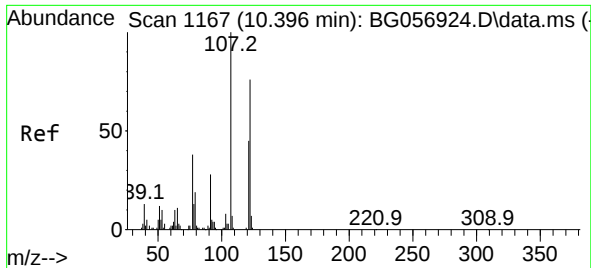


#26
2-Nitrophenol
Concen: 42.282 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion:139 Resp: 28199
Ion Ratio Lower Upper
139 100
109 43.6 38.2 57.4
65 72.1 51.8 77.8





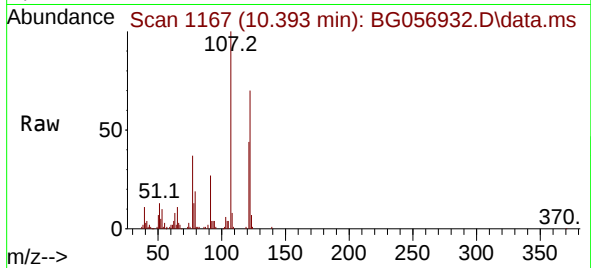
#27
2,4-Dimethylphenol
Concen: 45.422 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

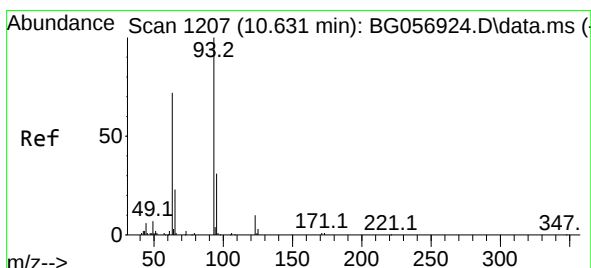
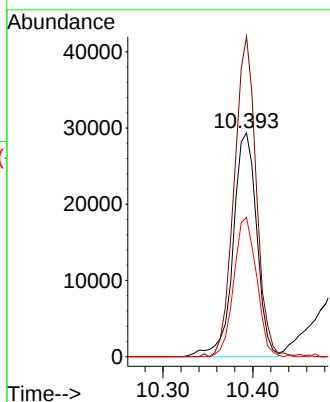
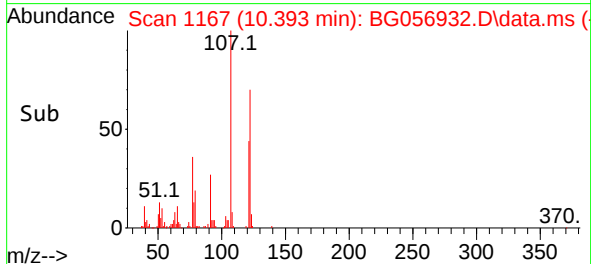
PB151793BS



Tgt Ion:122 Resp: 5348
Ion Ratio Lower Upper
122 100
107 143.0 105.7 158.5
121 62.3 48.0 72.0

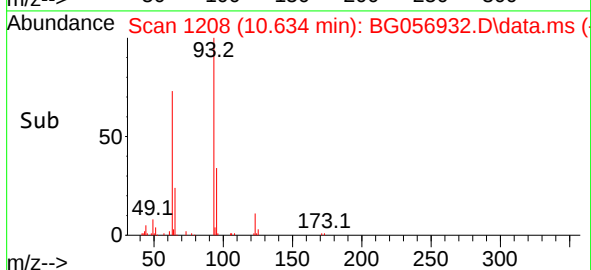
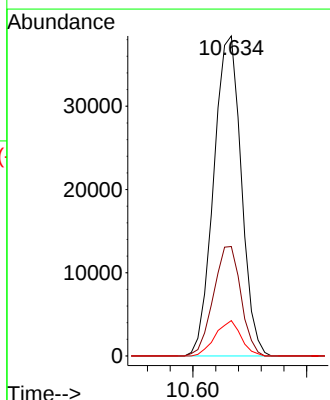
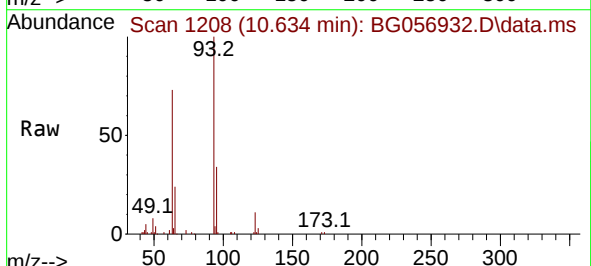
Manual Integrations
APPROVED

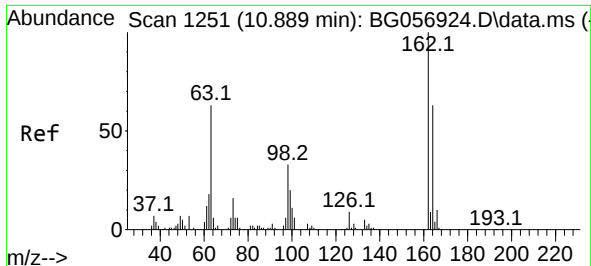
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.121 ng
RT: 10.634 min Scan# 1208
Delta R.T. 0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion: 93 Resp: 64642
Ion Ratio Lower Upper
93 100
95 34.2 24.6 37.0
123 11.0 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 44.973 ng
RT: 10.892 min Scan# 1251
Delta R.T. 0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

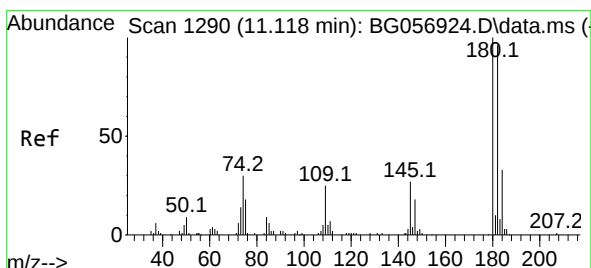
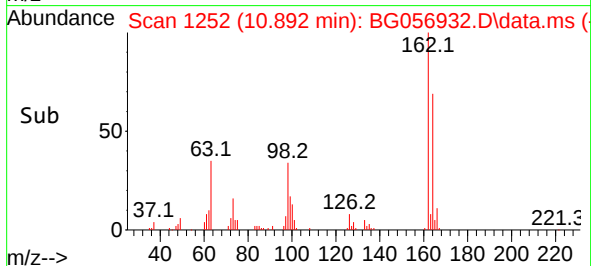
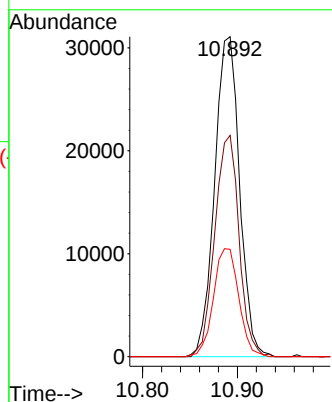
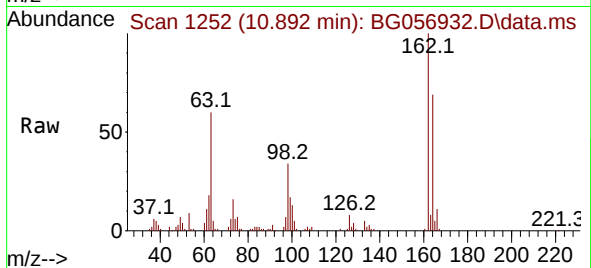
PB151793BS

Tgt Ion:162 Resp: 5695
Ion Ratio Lower Upper
162 100
164 69.2 43.4 83.4
98 33.6 12.5 52.5

Manual Integrations

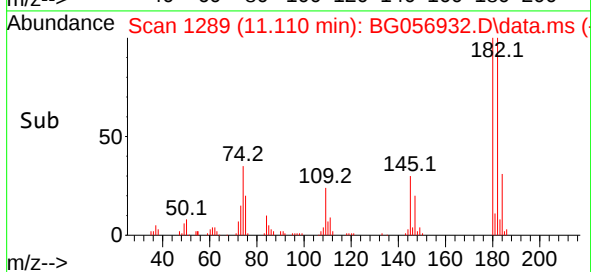
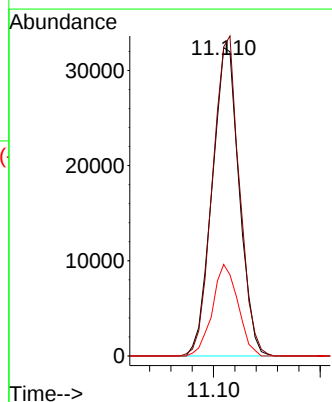
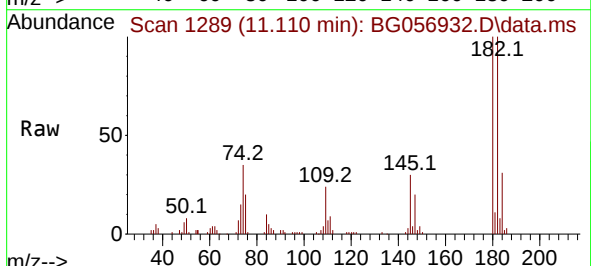
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.522 ng
RT: 11.110 min Scan# 1289
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:180 Resp: 57216
Ion Ratio Lower Upper
180 100
182 100.3 77.1 115.7
145 29.7 21.3 31.9





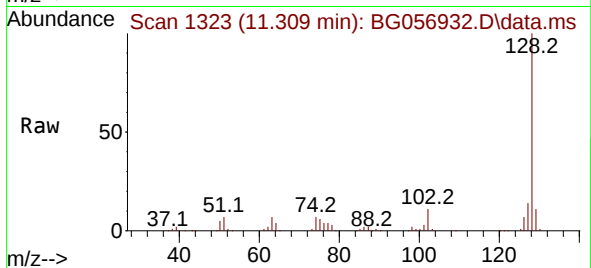
#31
Naphthalene
Concen: 41.599 ng
RT: 11.309 min Scan# 11323
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

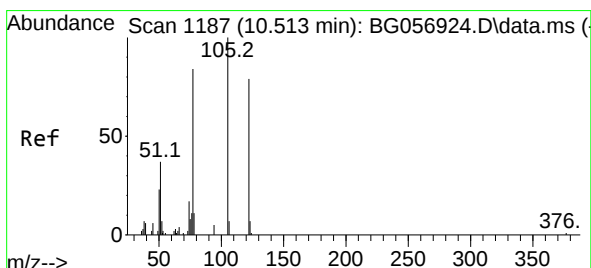
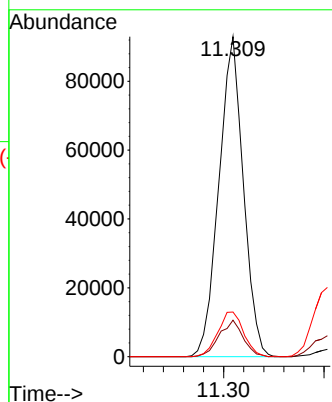
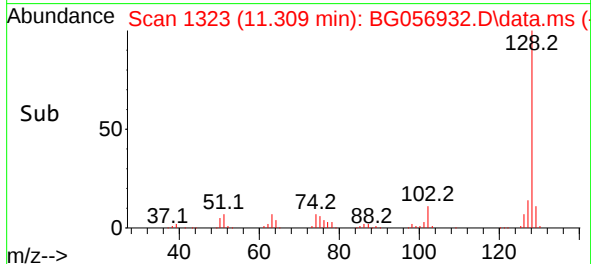


Tgt Ion:128 Resp: 156798
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 14.0 12.2 18.4

Manual Integrations

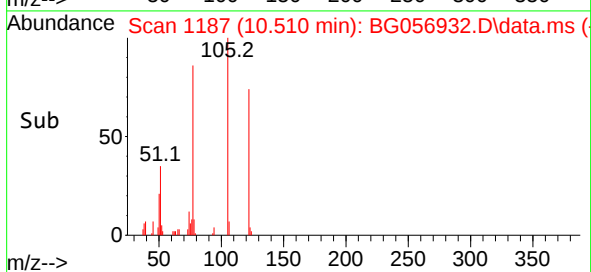
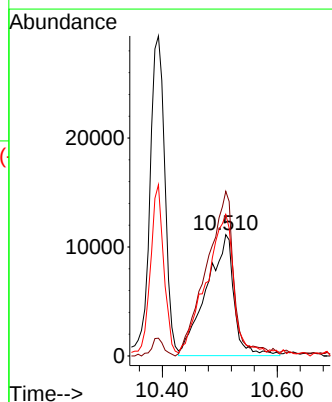
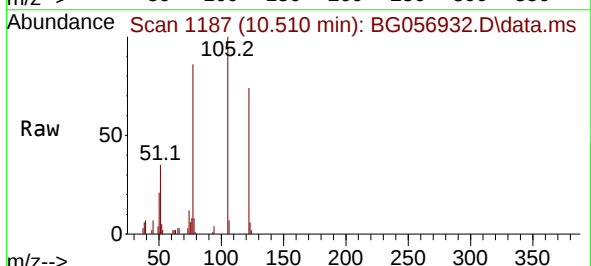
APPROVED

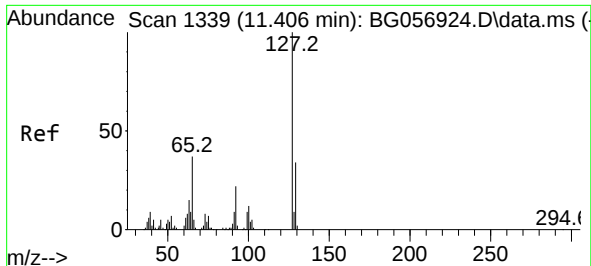
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#32
Benzoic acid
Concen: 45.873 ng m
RT: 10.510 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:122 Resp: 37105
Ion Ratio Lower Upper
122 100
105 135.8 105.4 145.4
77 116.9 87.4 127.4





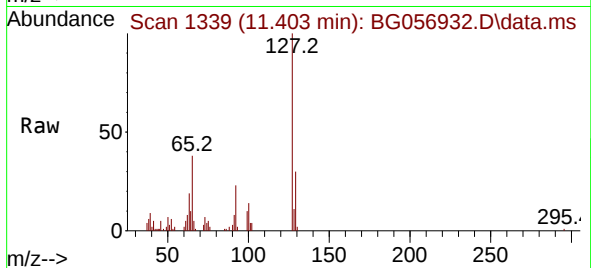
#33
4-Chloroaniline
Concen: 21.797 ng
RT: 11.403 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

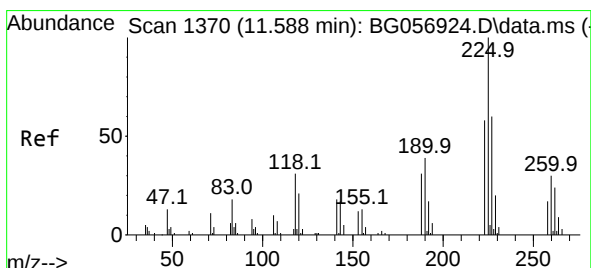
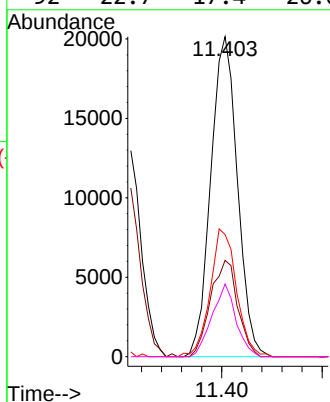
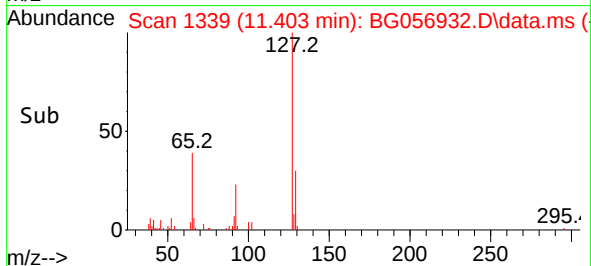


Tgt Ion:	127	Resp:	3710
Ion Ratio	Lower	Upper	
127	100		
129	30.1	27.6	41.4
65	38.1	29.8	44.8
92	22.7	17.4	26.0

Manual Integrations

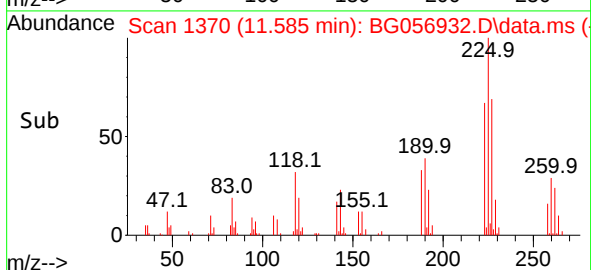
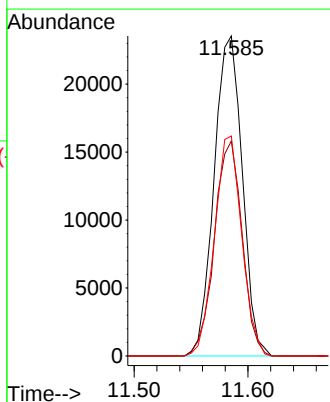
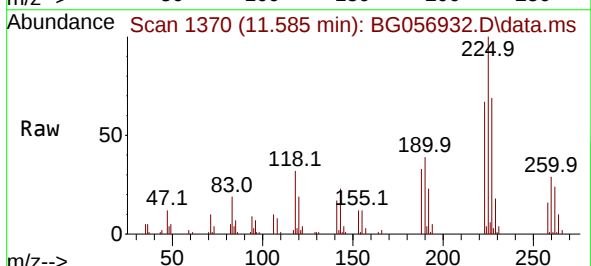
APPROVED

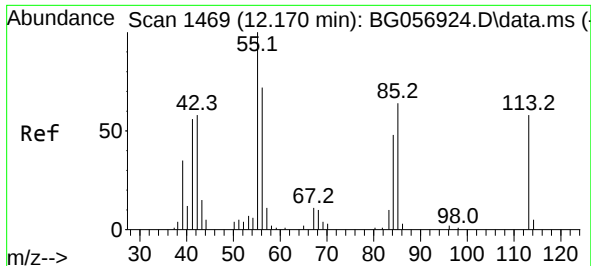
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#34
Hexachlorobutadiene
Concen: 40.097 ng
RT: 11.585 min Scan# 1370
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

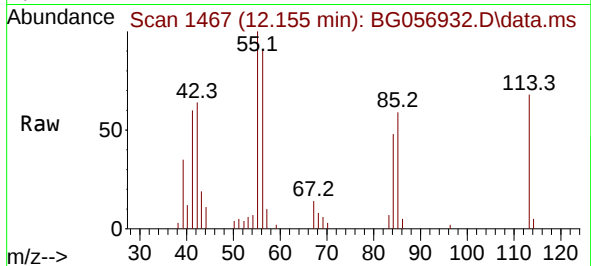
Tgt Ion:	225	Resp:	40529
Ion Ratio	Lower	Upper	
225	100		
223	67.1	46.4	69.6
227	68.8	48.0	72.0





#35
Caprolactam
Concen: 42.598 ng m
RT: 12.155 min Scan# 1467
Delta R.T. -0.014 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

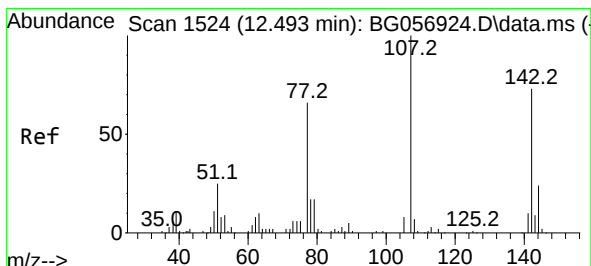
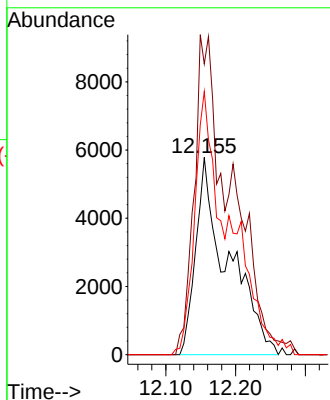
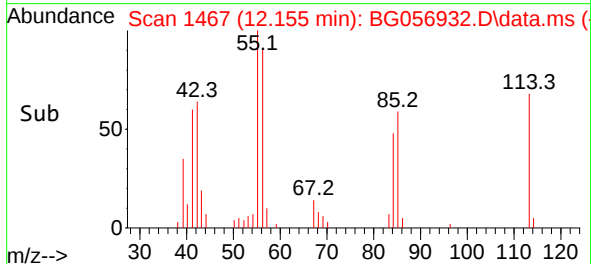
Instrument :
BNA_G
ClientSampleId :
PB151793BS



Tgt Ion:113 Resp: 18604
Ion Ratio Lower Upper
113 100
55 147.4 151.6 191.6
56 133.5 103.7 143.7

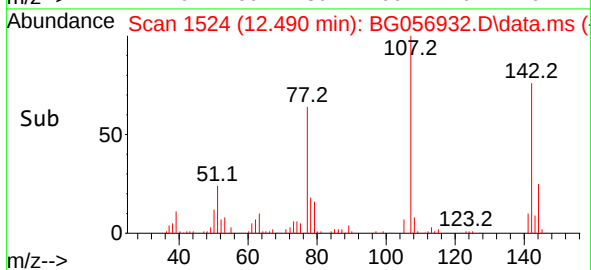
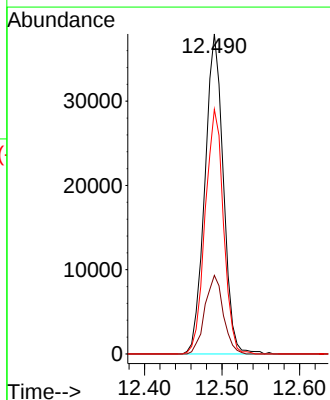
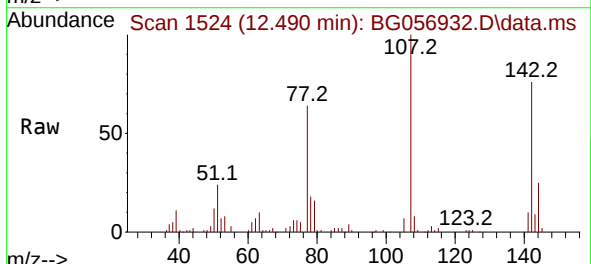
Manual Integrations
APPROVED

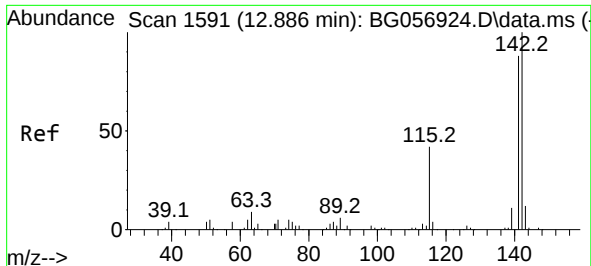
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#36
4-Chloro-3-methylphenol
Concen: 44.308 ng
RT: 12.490 min Scan# 1524
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:107 Resp: 62750
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.4
142 76.5 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.113 ng

RT: 12.884 min Scan# 11700

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

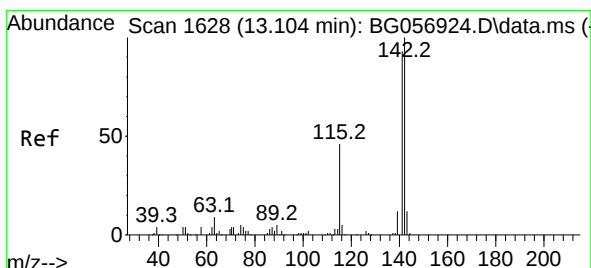
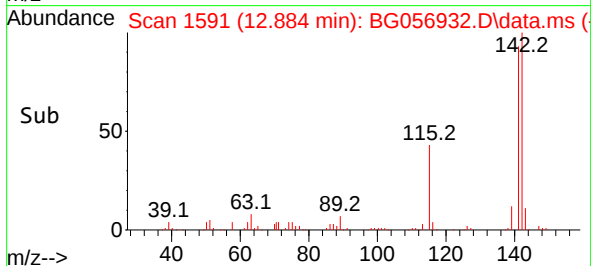
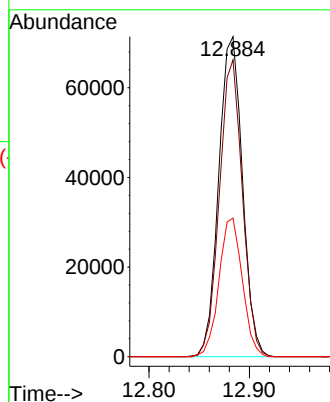
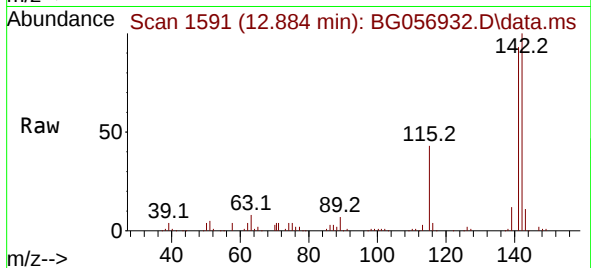
PB151793BS

Tgt Ion:142	Resp:	11700
Ion Ratio	Lower	Upper
142	100	
141	92.7	70.3 105.5
115	43.3	33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#38

1-Methylnaphthalene

Concen: 39.507 ng

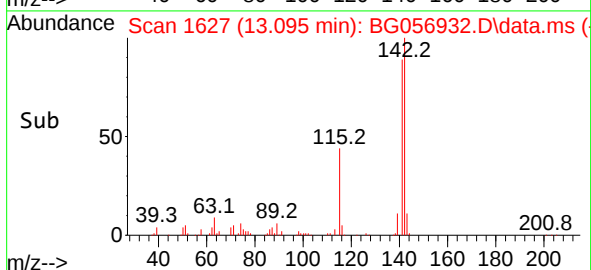
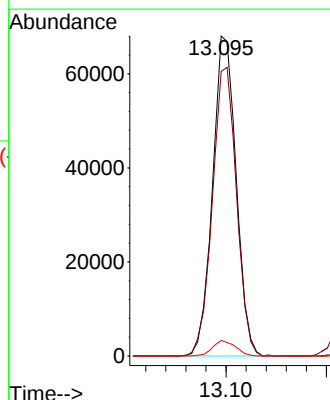
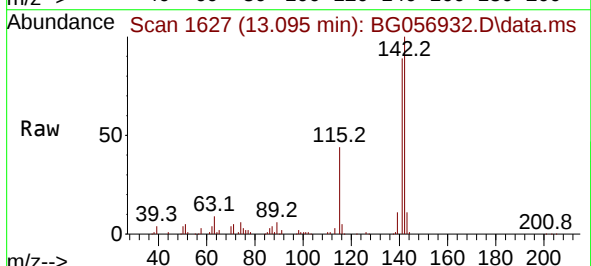
RT: 13.095 min Scan# 1627

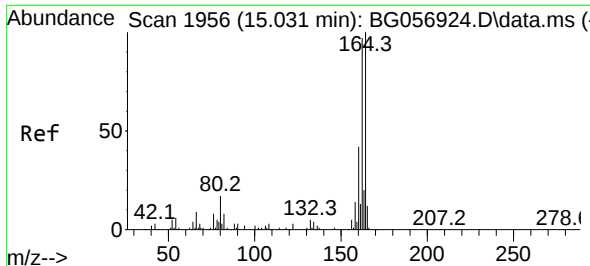
Delta R.T. -0.009 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Tgt Ion:142	Resp:	110976
Ion Ratio	Lower	Upper
142	100	
141	88.9	74.0 111.0
116	4.8	3.7 5.5





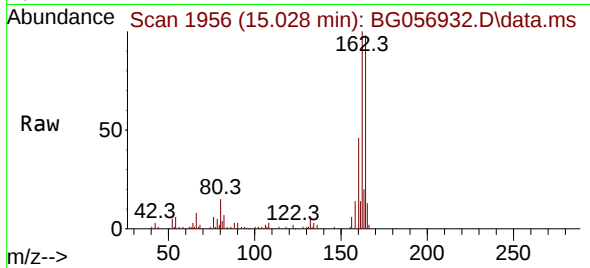
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

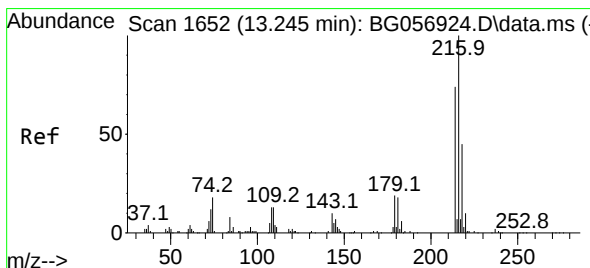
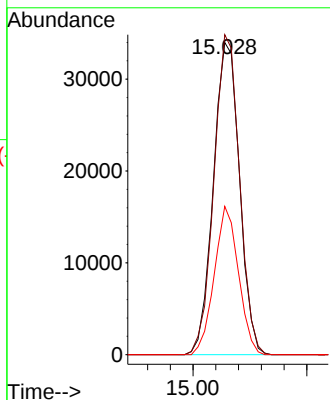
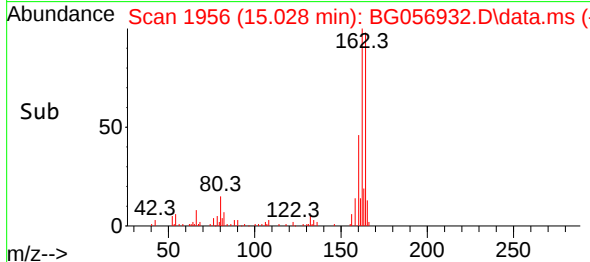


Tgt Ion:164 Resp: 54244
Ion Ratio Lower Upper
164 100
162 102.5 77.8 116.8
160 47.5 33.5 50.3

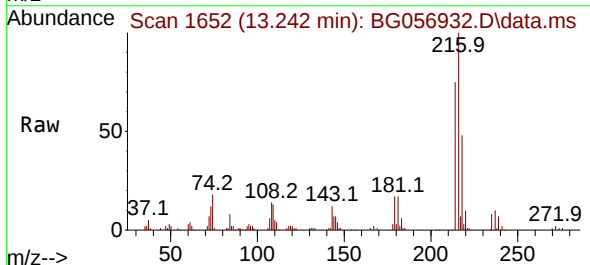
Manual Integrations

APPROVED

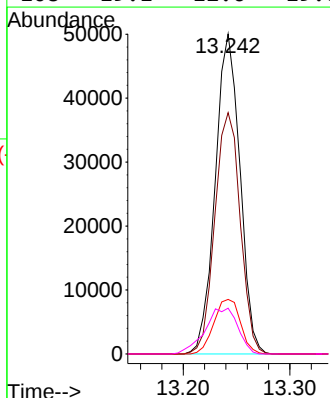
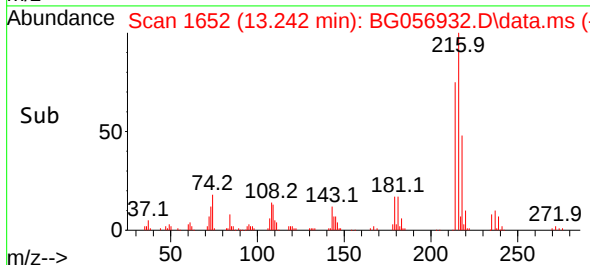
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

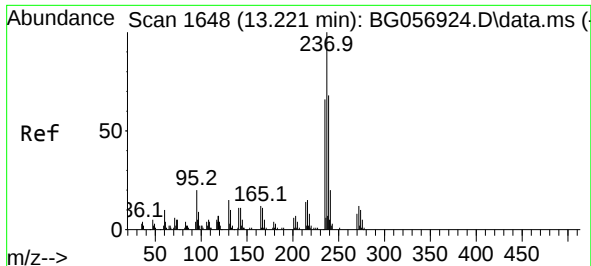


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.750 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



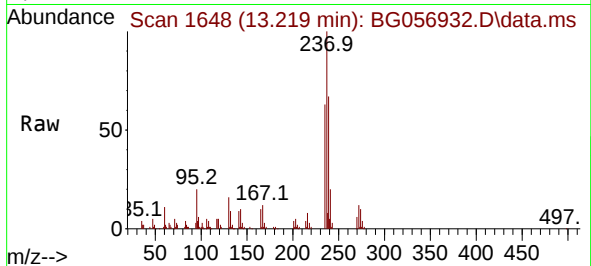
Tgt Ion:216 Resp: 80414
Ion Ratio Lower Upper
216 100
214 77.4 63.3 94.9
179 18.4 15.0 22.6
108 19.1 12.6 19.0#





#41
Hexachlorocyclopentadiene
Concen: 108.817 ng
RT: 13.219 min Scan# 1648
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

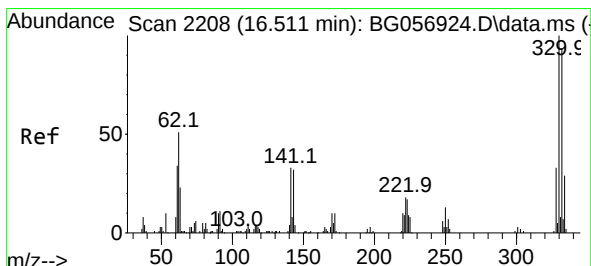
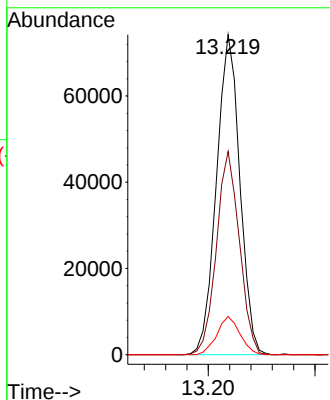
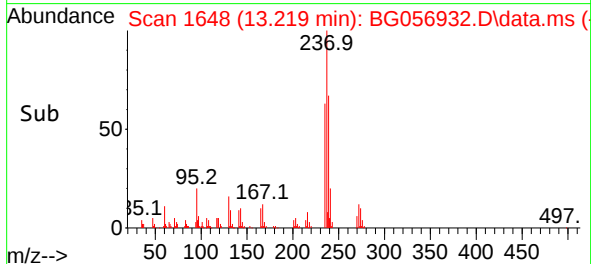
Instrument :
BNA_G
ClientSampleId :
PB151793BS



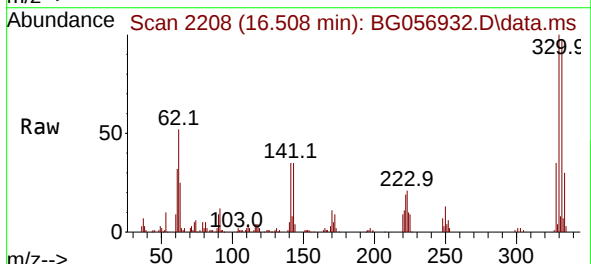
Tgt Ion: 237 Resp: 112778
Ion Ratio Lower Upper
237 100
235 63.5 45.9 85.9
272 11.9 0.0 32.3

Manual Integrations
APPROVED

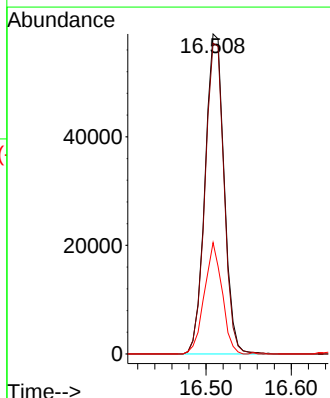
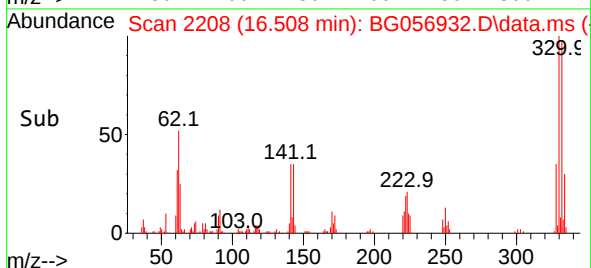
Reviewed By : Christian Giraldo 03/31/2023
Supervised By : Jagrut Upadhyay 03/31/2023

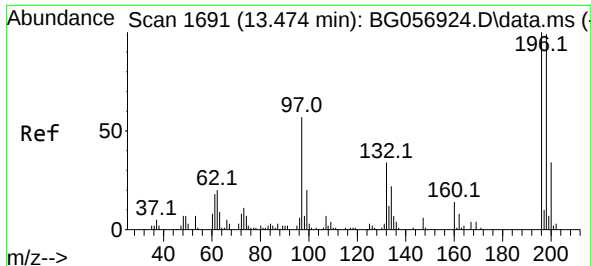


#42
2,4,6-Tribromophenol
Concen: 105.739 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion: 330 Resp: 91630
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 32.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 43.466 ng
RT: 13.471 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

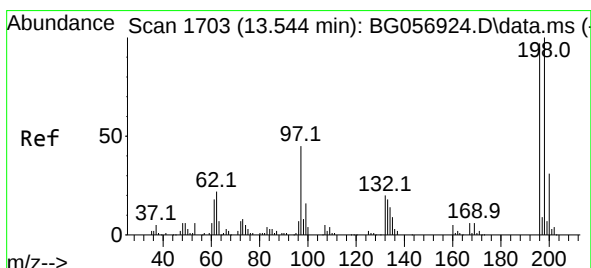
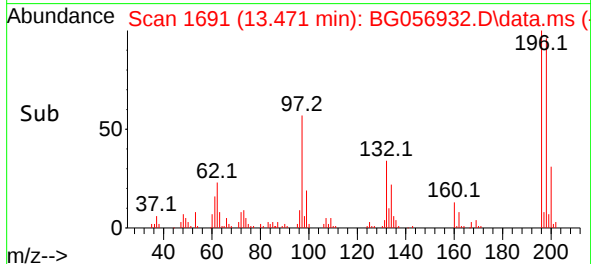
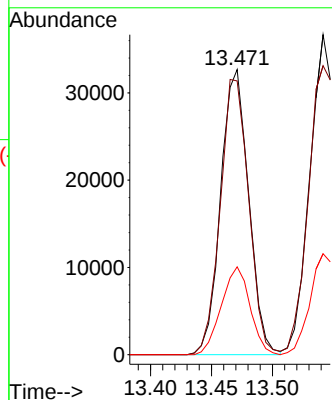
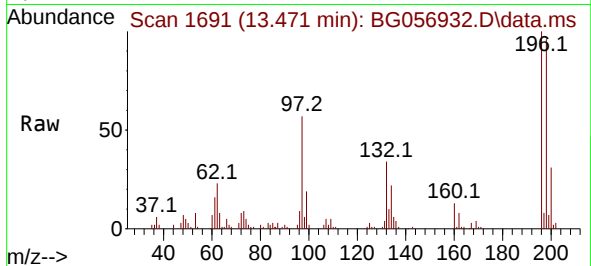
PB151793BS

Tgt Ion:196 Resp: 5217
Ion Ratio Lower Upper
196 100
198 96.0 79.1 118.7
200 30.8 27.2 40.8

Manual Integrations

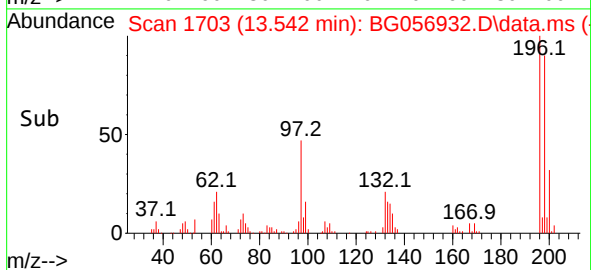
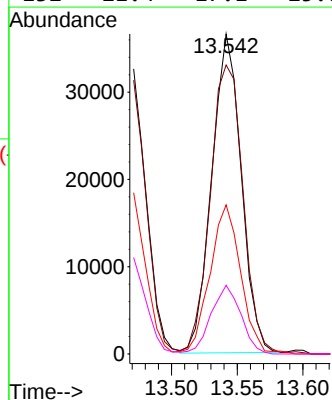
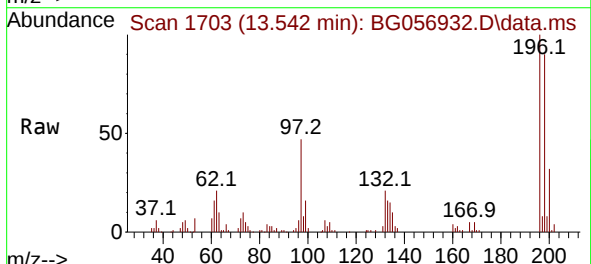
APPROVED

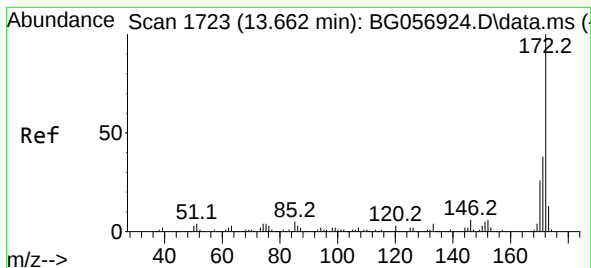
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#44
2,4,5-Trichlorophenol
Concen: 40.146 ng
RT: 13.542 min Scan# 1703
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:196 Resp: 57088
Ion Ratio Lower Upper
196 100
198 90.3 82.5 123.7
97 46.6 37.0 55.6
132 21.4 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 67.247 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

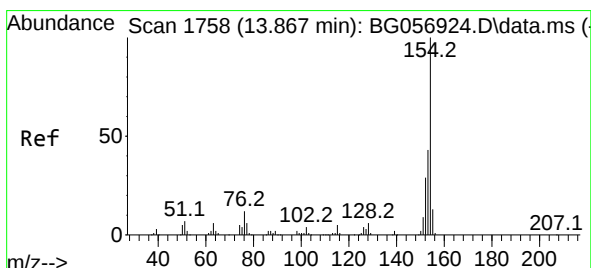
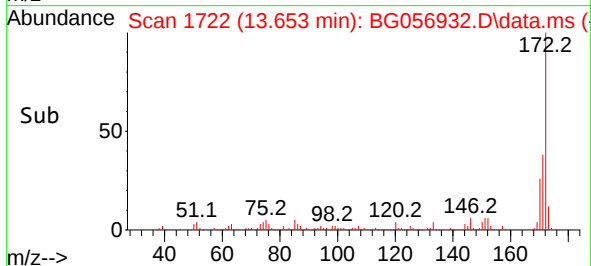
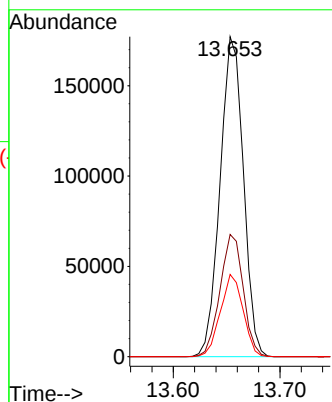
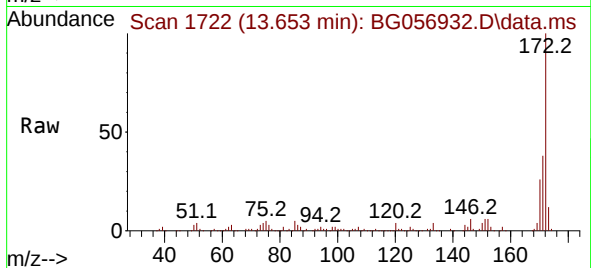
PB151793BS

Tgt Ion:172 Resp: 26900
Ion Ratio Lower Upper
172 100
171 38.2 30.6 46.0
170 25.7 20.6 30.8

Manual Integrations

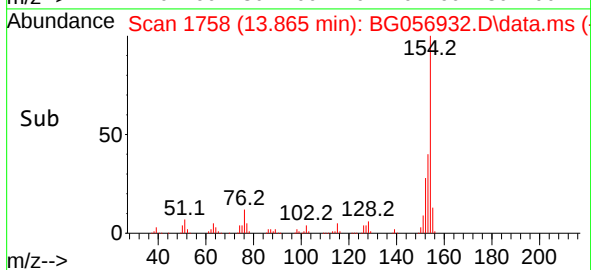
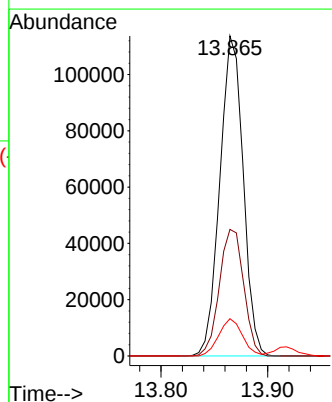
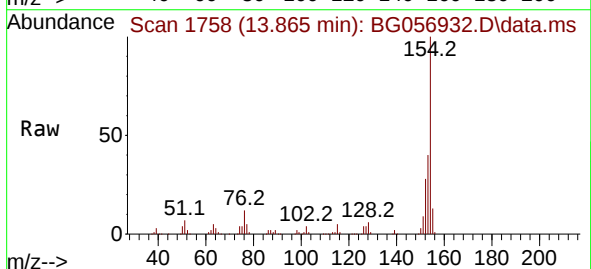
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#46
1,1'-Biphenyl
Concen: 43.471 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:154 Resp: 172614
Ion Ratio Lower Upper
154 100
153 39.5 23.4 63.4
76 11.7 0.0 31.6





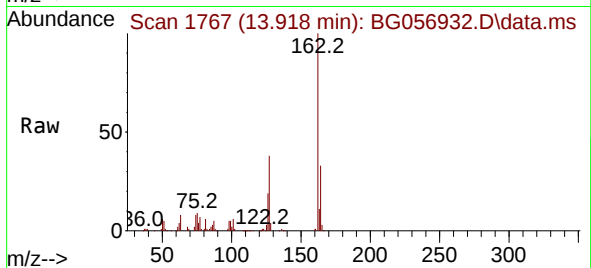
#47
2-Chloronaphthalene
Concen: 43.901 ng
RT: 13.918 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

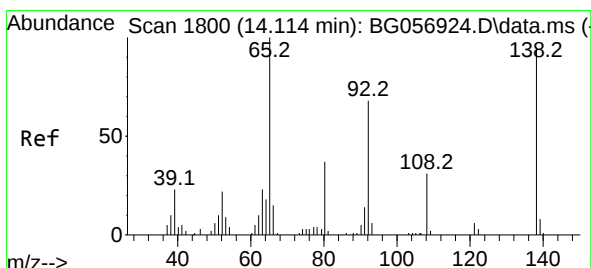
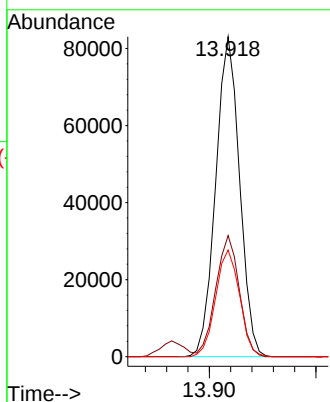
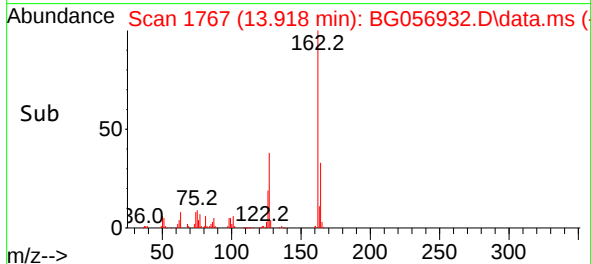


Tgt Ion:162 Resp: 12892
Ion Ratio Lower Upper
162 100
127 37.8 29.5 44.3
164 33.3 25.5 38.3

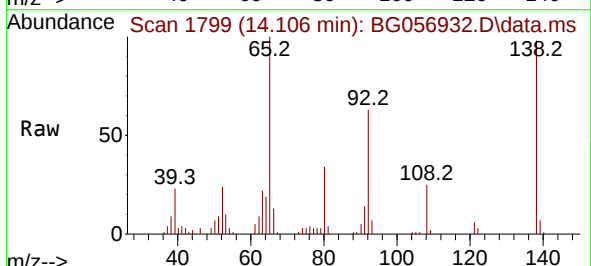
Manual Integrations

APPROVED

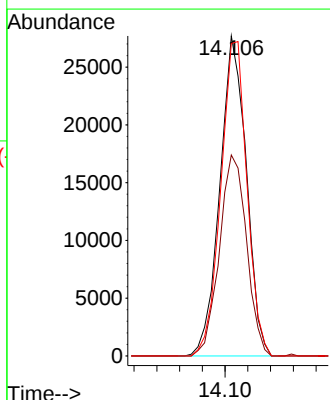
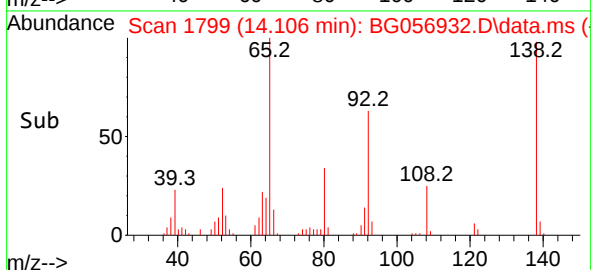
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#48
2-Nitroaniline
Concen: 42.558 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion: 65 Resp: 44691
Ion Ratio Lower Upper
65 100
92 62.8 54.3 81.5
138 97.6 76.0 114.0





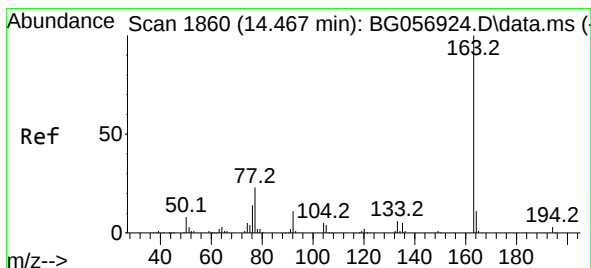
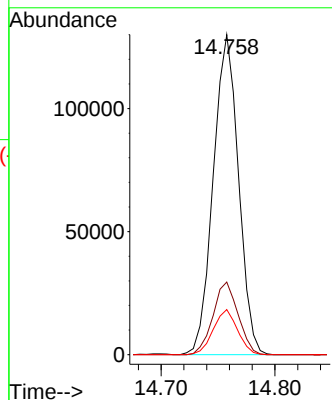
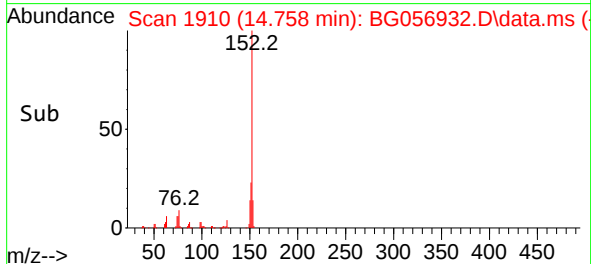
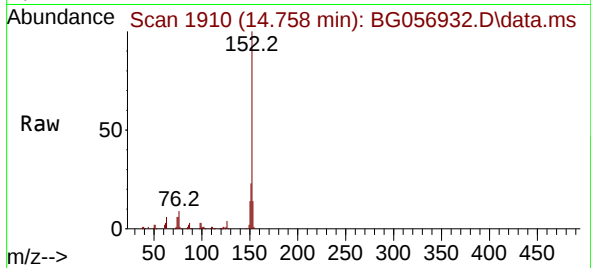
#49
Acenaphthylene
Concen: 41.554 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :
BNA_G
ClientSampleId :
PB151793BS

Tgt Ion:152 Resp: 200509
Ion Ratio Lower Upper
152 100
151 22.7 18.2 27.2
153 14.1 10.5 15.7

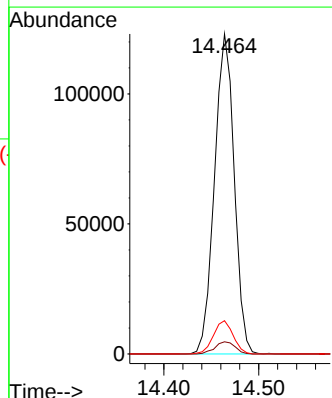
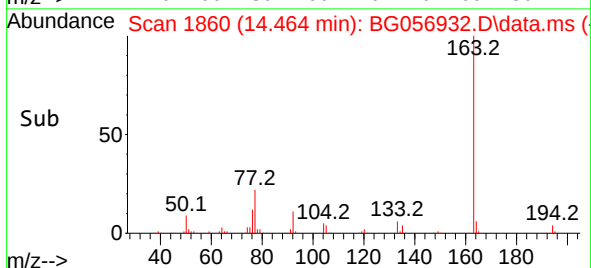
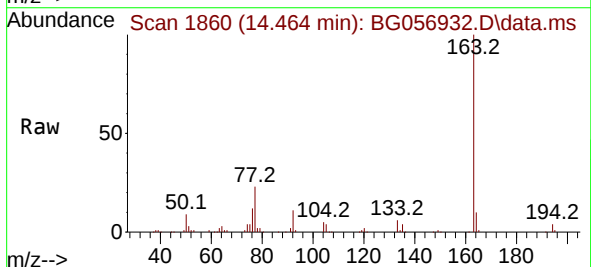
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#50
Dimethylphthalate
Concen: 41.569 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:163 Resp: 177669
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.4 8.8 13.2





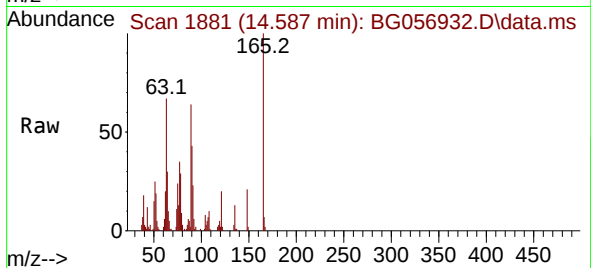
#51
2,6-Dinitrotoluene
Concen: 40.250 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

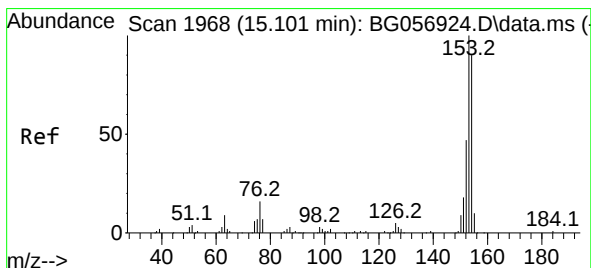
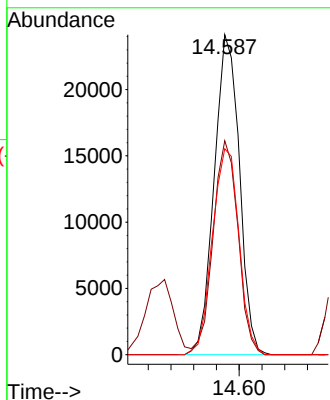
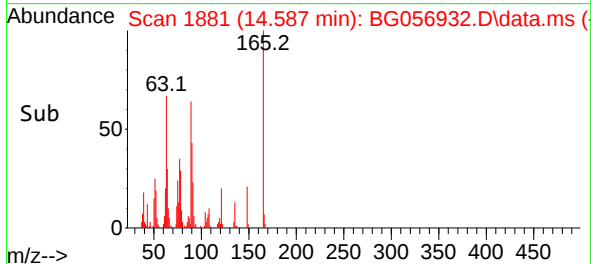
PB151793BS



Tgt Ion:165 Resp: 37169
Ion Ratio Lower Upper
165 100
63 66.9 53.0 79.6
89 64.4 51.0 76.4

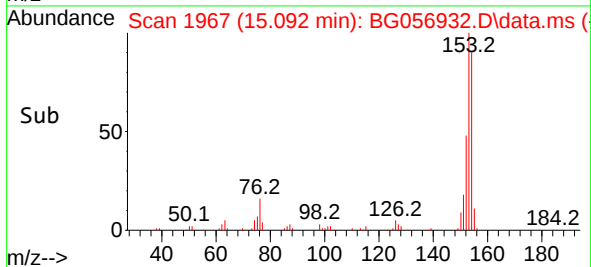
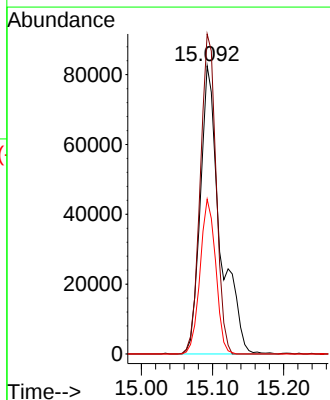
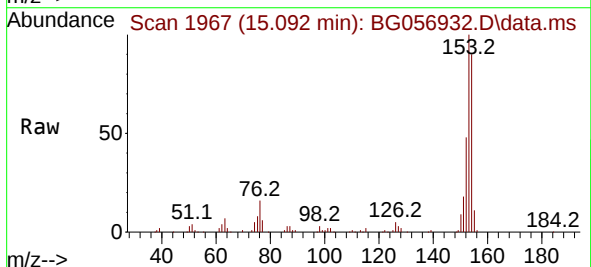
Manual Integrations
APPROVED

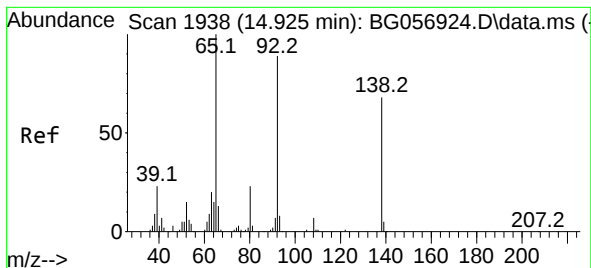
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#52
Acenaphthene
Concen: 48.082 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:154 Resp: 160009
Ion Ratio Lower Upper
154 100
153 111.0 88.9 133.3
152 53.7 41.8 62.8





#53
3-Nitroaniline
Concen: 26.087 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

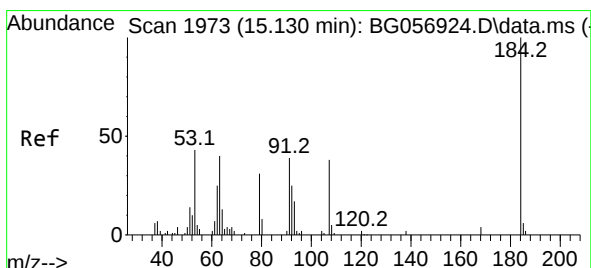
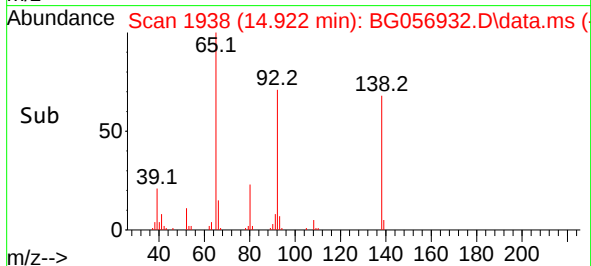
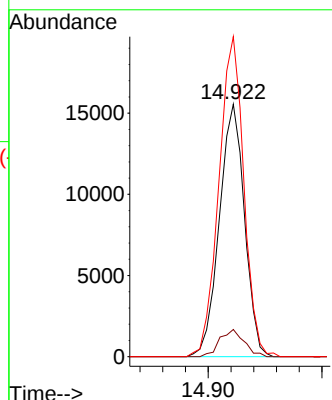
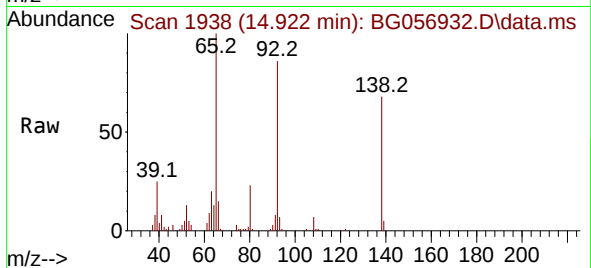
ClientSampleId :

PB151793BS

Tgt Ion:138 Resp: 2384
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 126.7 105.2 157.8

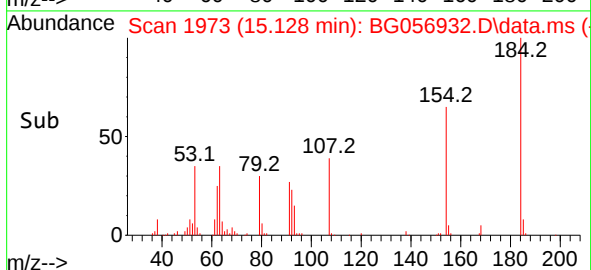
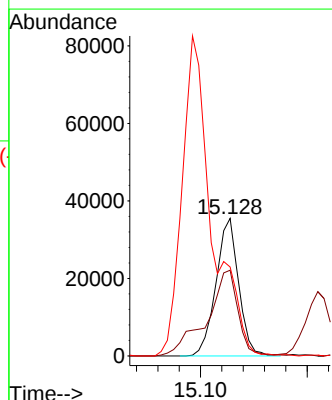
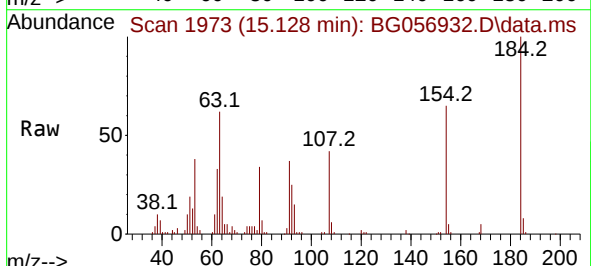
Manual Integrations
APPROVED

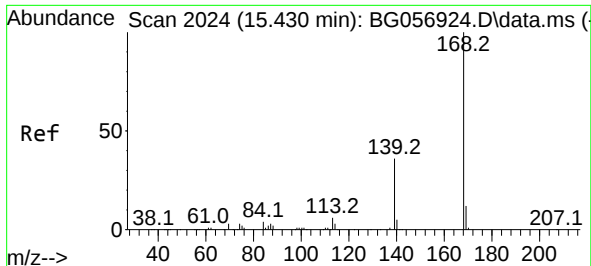
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#54
2,4-Dinitrophenol
Concen: 100.524 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

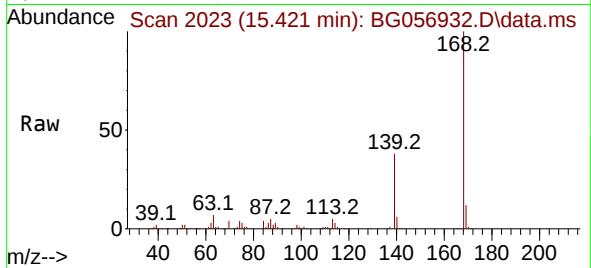
Tgt Ion:184 Resp: 52250
Ion Ratio Lower Upper
184 100
63 62.3 46.5 69.7
154 64.6 53.5 80.3





#55
Dibenzenofuran
Concen: 41.712 ng
RT: 15.421 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

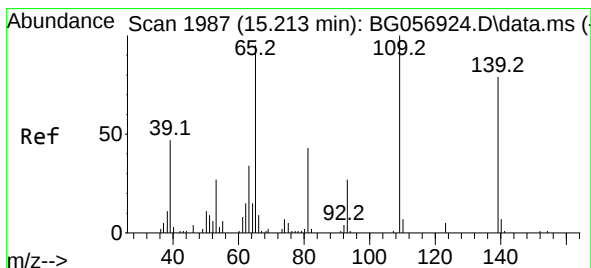
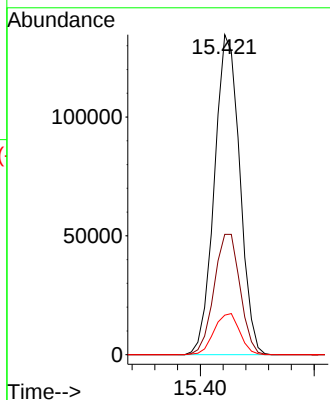
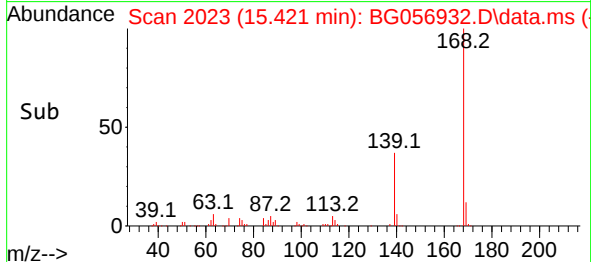
Instrument :
BNA_G
ClientSampleId :
PB151793BS



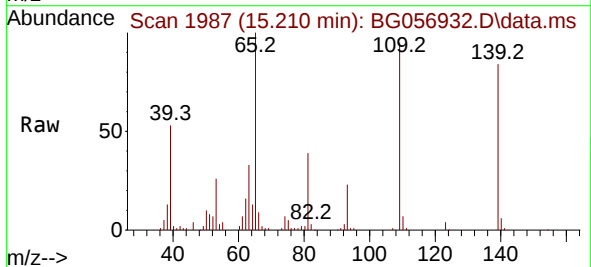
Tgt Ion:168 Resp: 20834
Ion Ratio Lower Upper
168 100
139 37.6 28.9 43.3
169 12.4 9.8 14.6

Manual Integrations
APPROVED

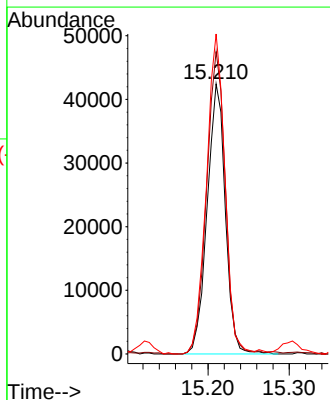
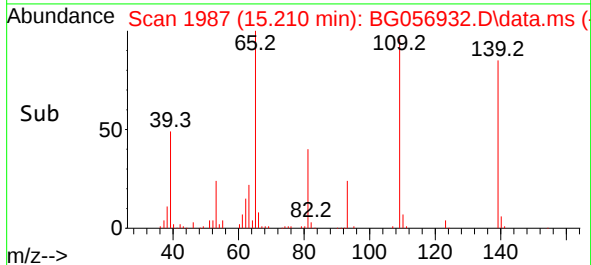
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

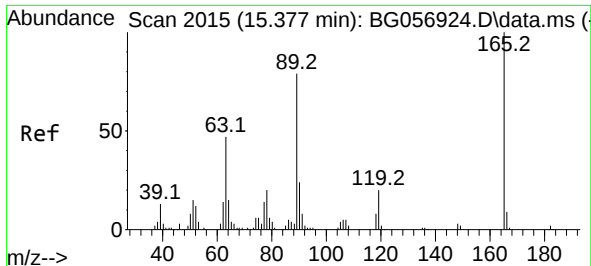


#56
4-Nitrophenol
Concen: 97.469 ng
RT: 15.210 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion:139 Resp: 65880
Ion Ratio Lower Upper
139 100
109 111.9 106.7 146.7
65 118.4 100.5 140.5





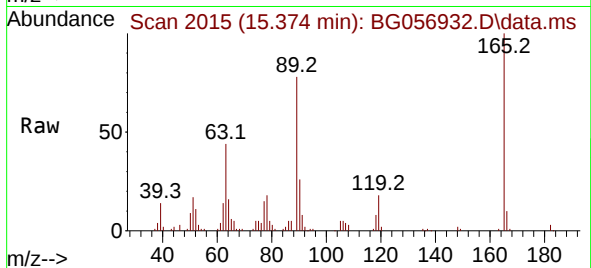
#57
2,4-Dinitrotoluene
Concen: 42.597 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

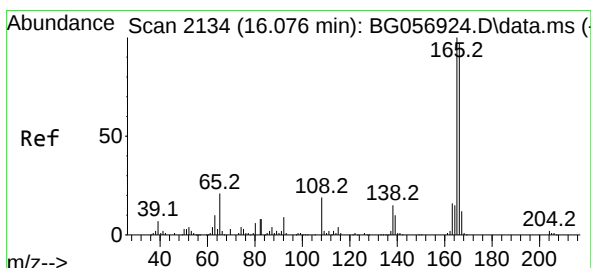
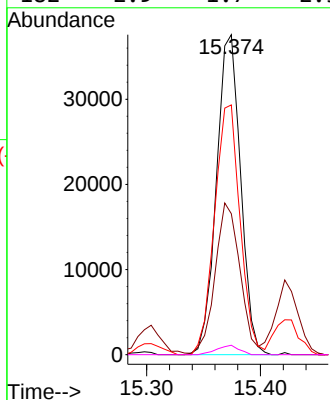
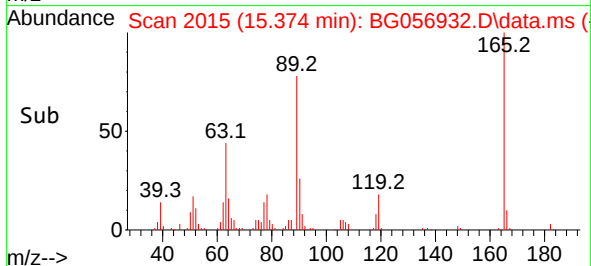


Tgt Ion:165 Resp: 55479
Ion Ratio Lower Upper
165 100
63 44.1 37.7 56.5
89 78.1 63.2 94.8
182 2.9 1.7 2.5#

Manual Integrations

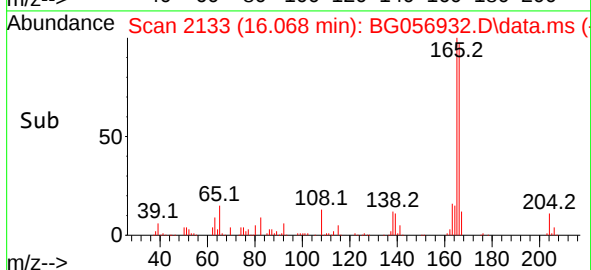
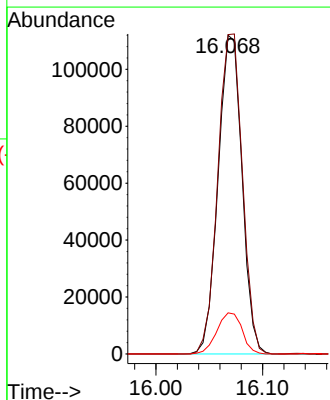
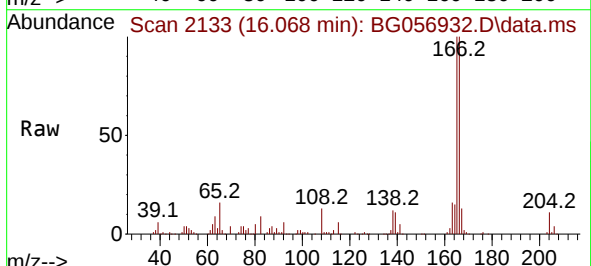
APPROVED

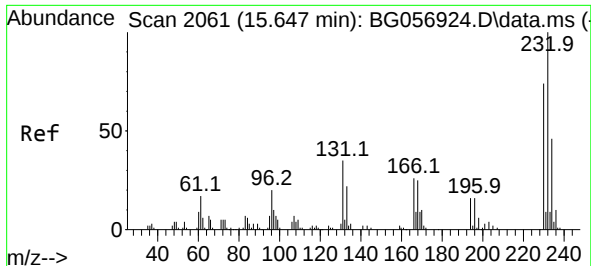
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#58
Fluorene
Concen: 42.000 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:166 Resp: 173587
Ion Ratio Lower Upper
166 100
165 100.2 82.6 123.8
167 12.9 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.363 ng
RT: 15.645 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

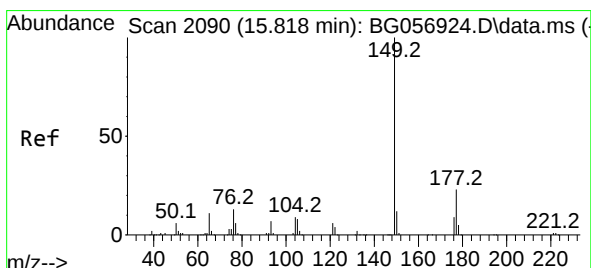
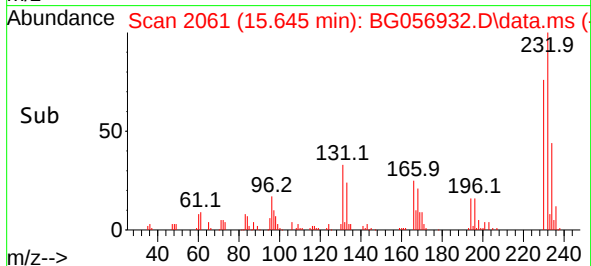
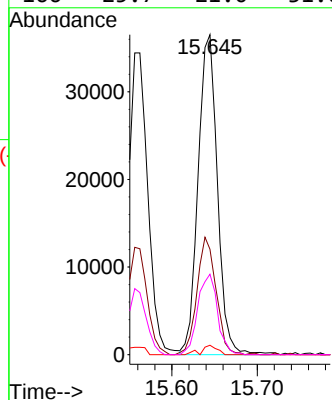
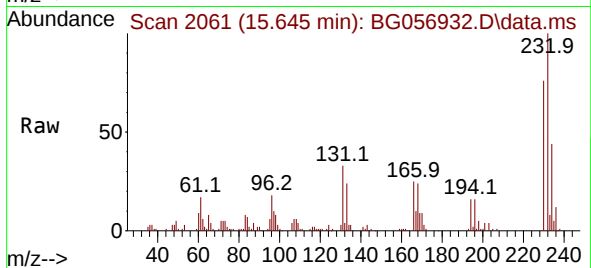
PB151793BS

Tgt Ion:232 Resp: 57439
Ion Ratio Lower Upper
232 100
131 36.2 29.3 43.9
130 2.4 1.7 2.5
166 25.7 21.0 31.6

Manual Integrations

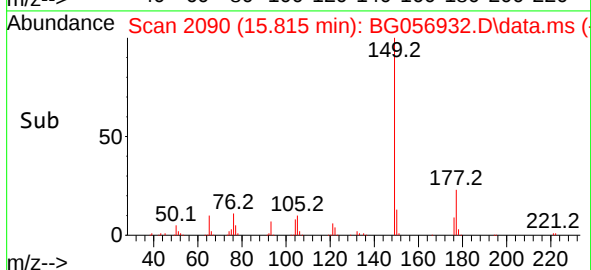
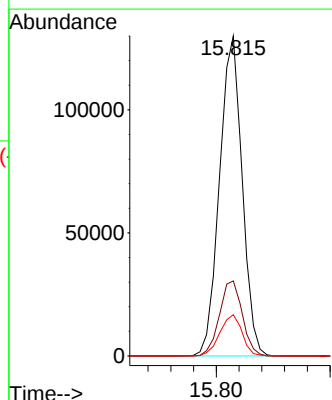
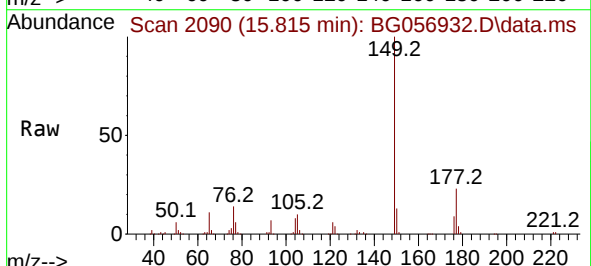
APPROVED

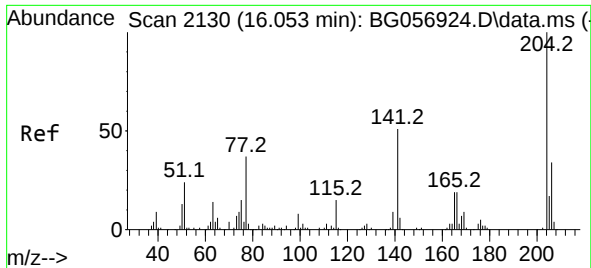
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#60
Diethylphthalate
Concen: 41.910 ng
RT: 15.815 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:149 Resp: 179571
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.9 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 41.870 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

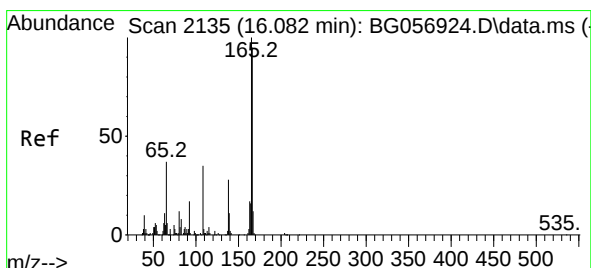
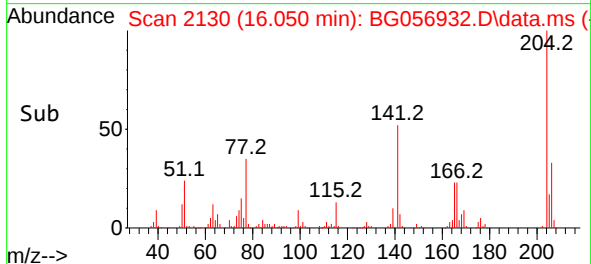
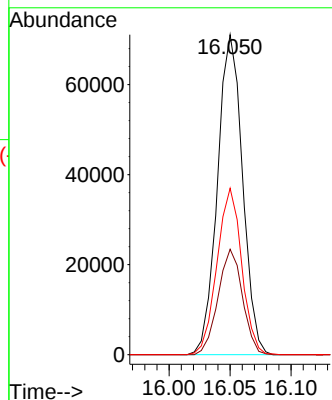
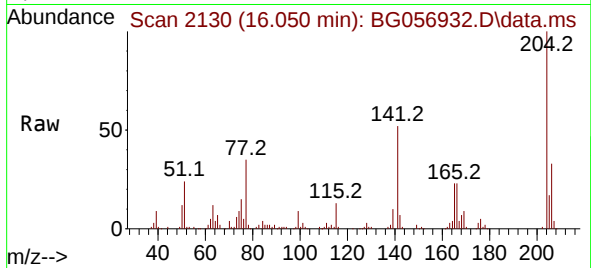
PB151793BS

Tgt Ion:204 Resp: 101604
Ion Ratio Lower Upper
204 100
206 33.0 27.2 40.8
141 52.0 40.7 61.1

Manual Integrations

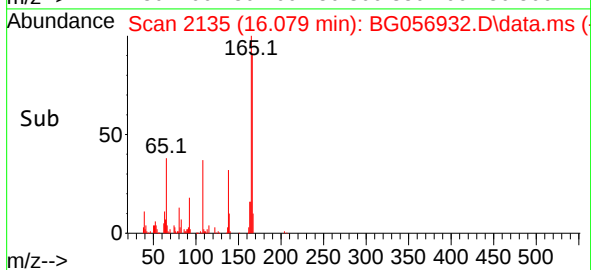
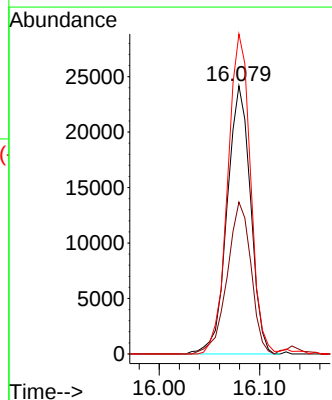
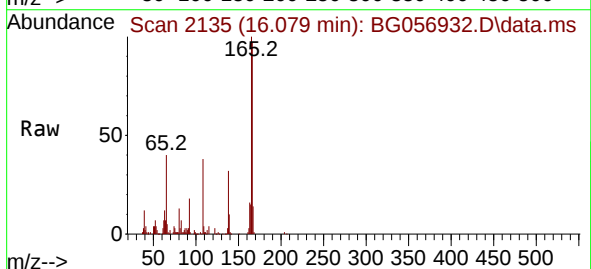
APPROVED

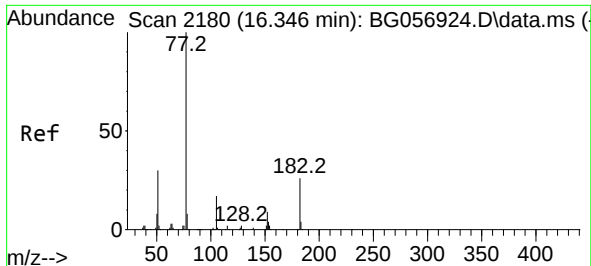
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#62
4-Nitroaniline
Concen: 41.379 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:138 Resp: 39187
Ion Ratio Lower Upper
138 100
92 56.6 40.9 80.9
108 119.3 104.3 144.3





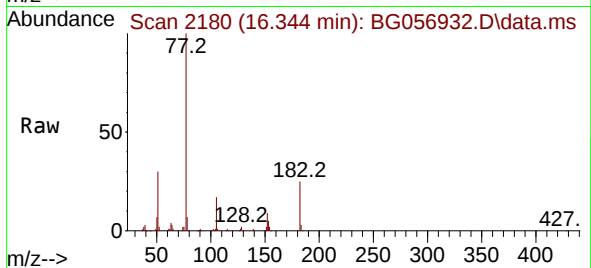
#63
Azobenzene
Concen: 41.770 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

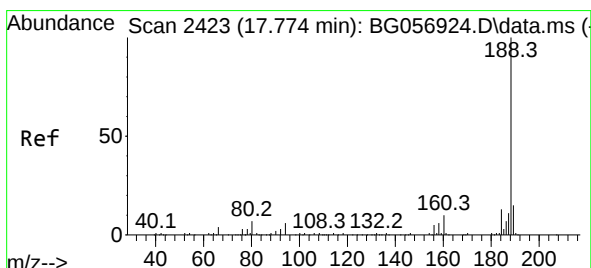
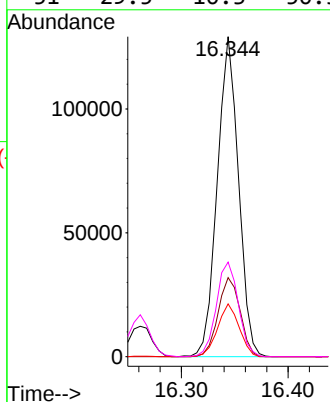
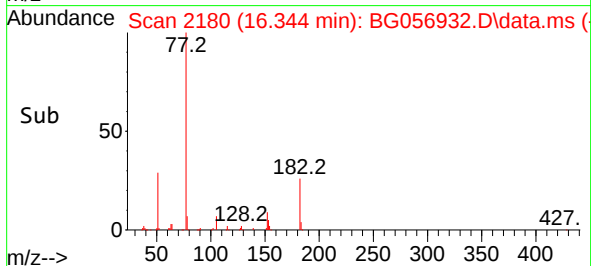


Tgt Ion: 77 Resp: 178359
Ion Ratio Lower Upper
77 100
182 24.7 5.9 45.9
105 16.5 0.0 36.8
51 29.5 10.3 50.3

Manual Integrations

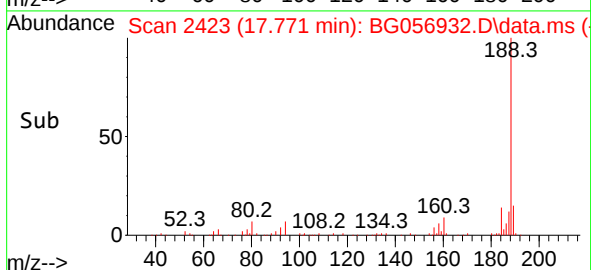
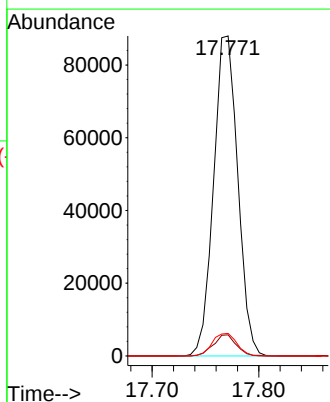
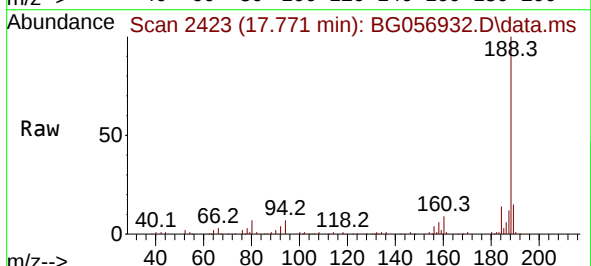
APPROVED

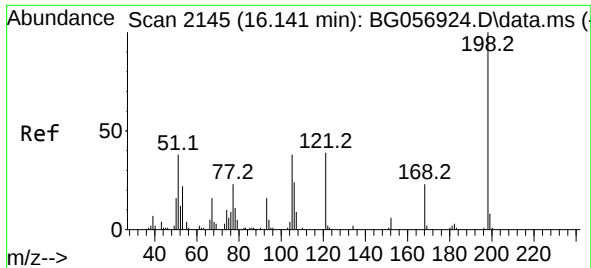
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:188 Resp: 138418
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 7.1 5.5 8.3





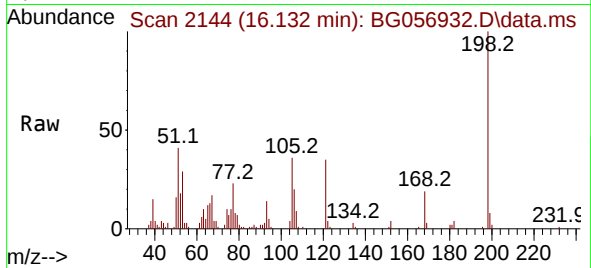
#65
4,6-Dinitro-2-methylphenol
Concen: 44.327 ng
RT: 16.132 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

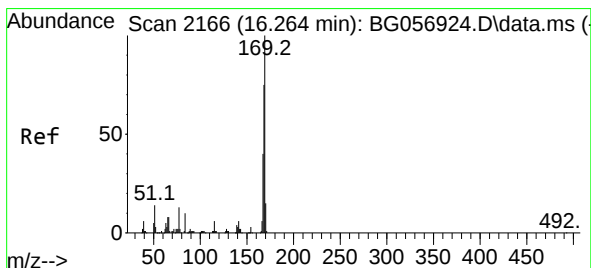
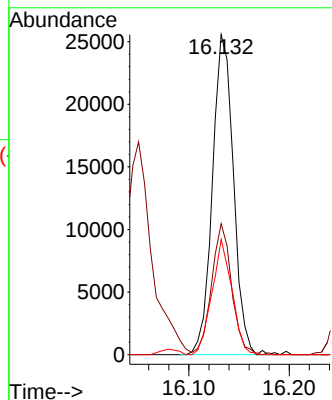
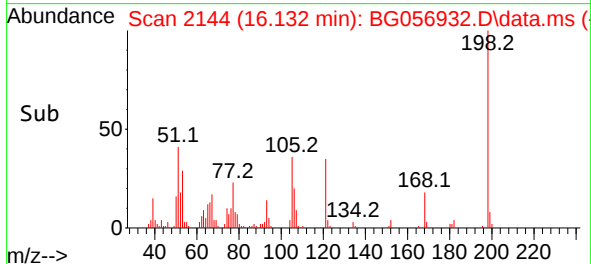


Tgt Ion:198 Resp: 37160
Ion Ratio Lower Upper
198 100
51 40.9 20.5 60.5
105 36.0 18.1 58.1

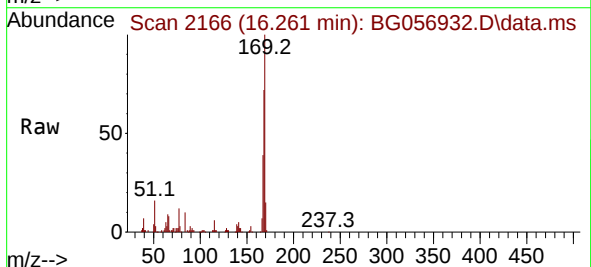
Manual Integrations

APPROVED

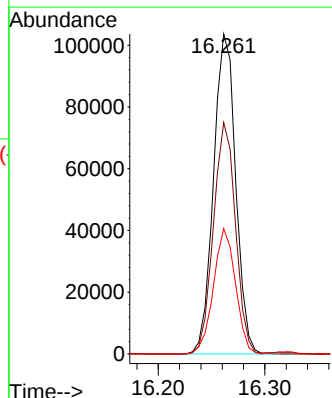
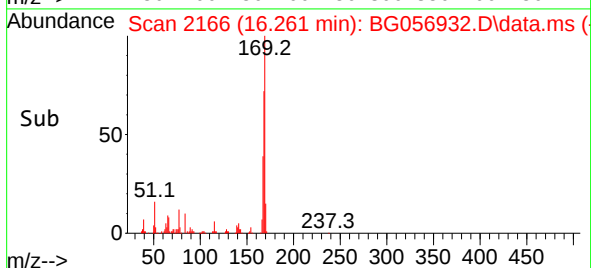
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

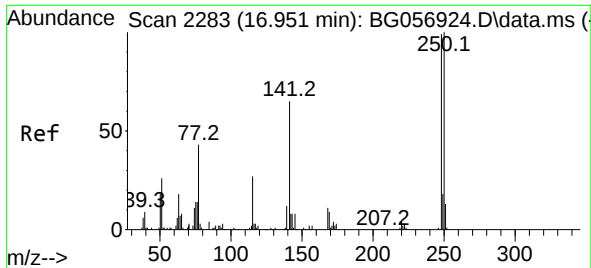


#66
n-Nitrosodiphenylamine
Concen: 40.199 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion:169 Resp: 149369
Ion Ratio Lower Upper
169 100
168 72.3 59.6 89.4
167 39.2 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 39.965 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

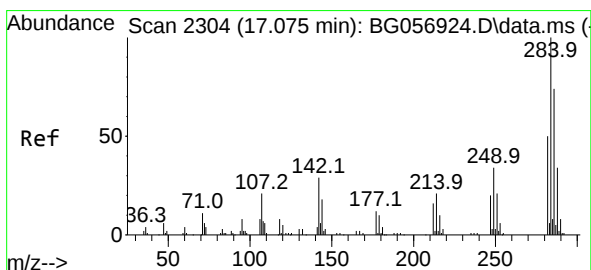
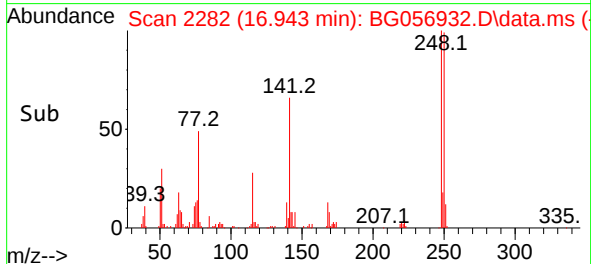
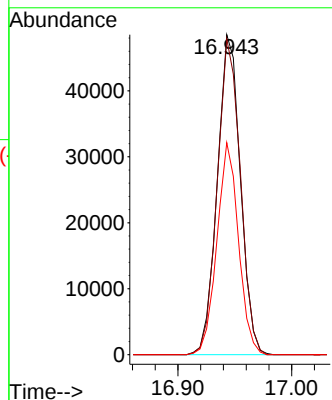
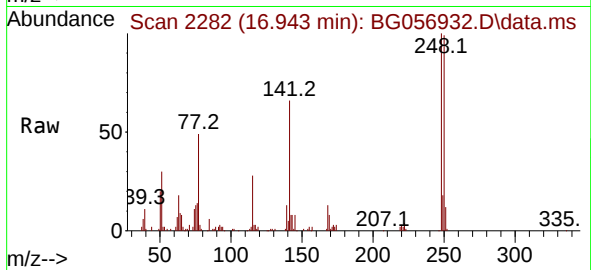
ClientSampleId :

PB151793BS

Tgt Ion:248 Resp: 6844
Ion Ratio Lower Upper
248 100
250 98.7 80.5 120.7
141 66.2 52.0 78.0

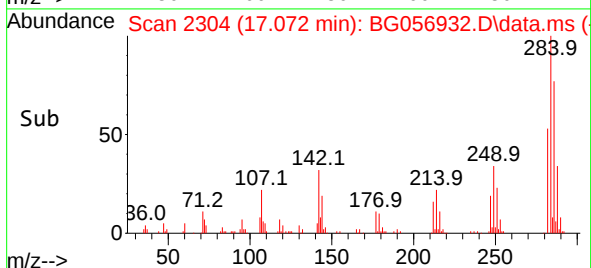
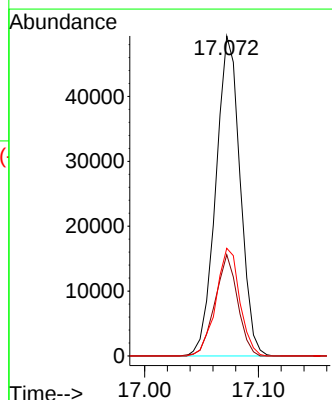
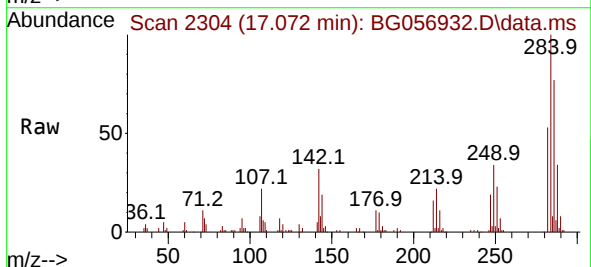
Manual Integrations
APPROVED

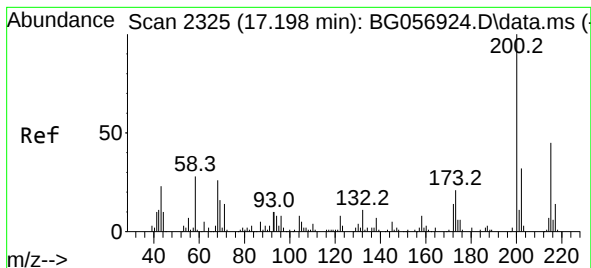
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#68
Hexachlorobenzene
Concen: 43.216 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:284 Resp: 73175
Ion Ratio Lower Upper
284 100
142 31.7 23.0 34.4
249 33.7 27.1 40.7





#69

Atrazine

Concen: 45.472 ng

RT: 17.195 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

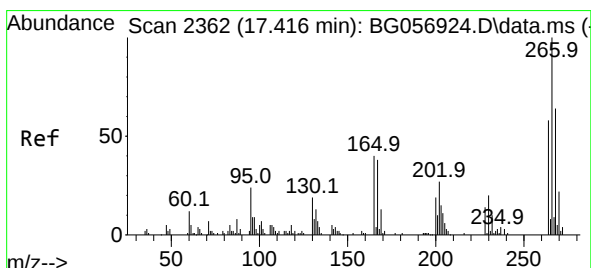
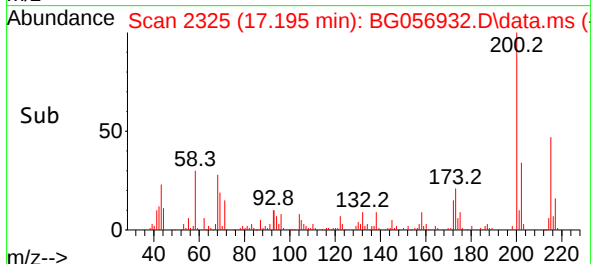
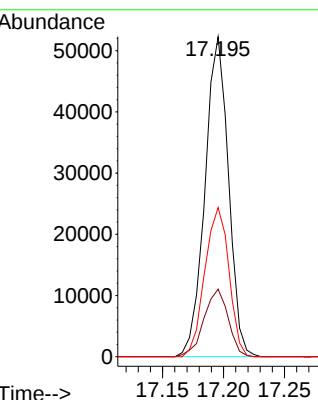
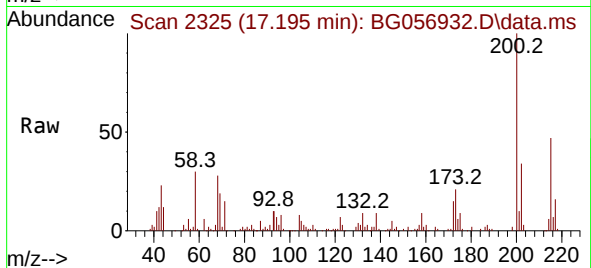
PB151793BS

Tgt Ion:200 Resp: 7013
 Ion Ratio Lower Upper
 200 100
 173 21.1 1.0 41.0
 215 46.6 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023



#70

Pentachlorophenol

Concen: 77.528 ng

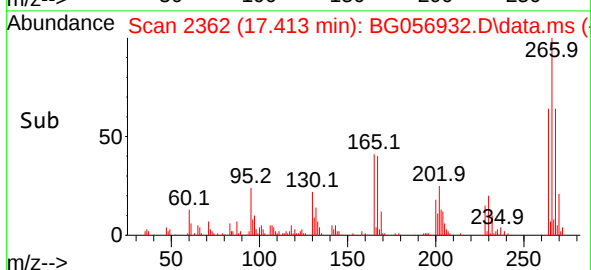
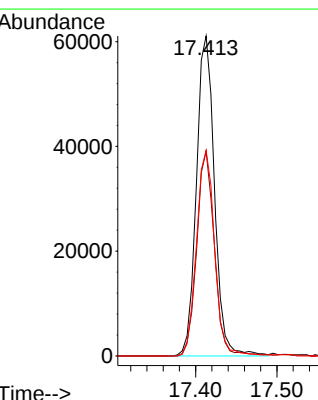
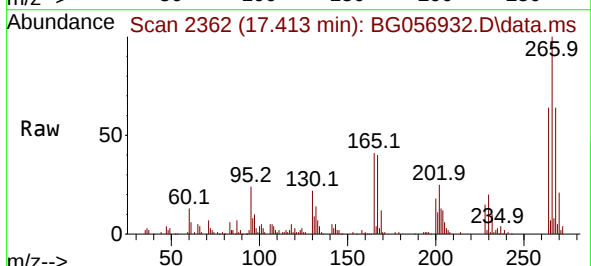
RT: 17.413 min Scan# 2362

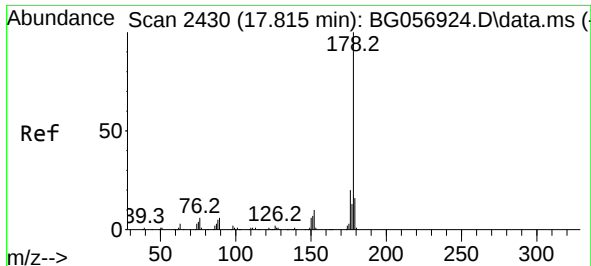
Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

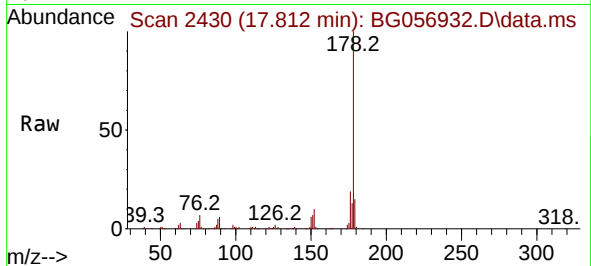
Tgt Ion:266 Resp: 94178
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 64.2 46.8 70.2





#71
Phenanthrene
Concen: 41.863 ng
RT: 17.812 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

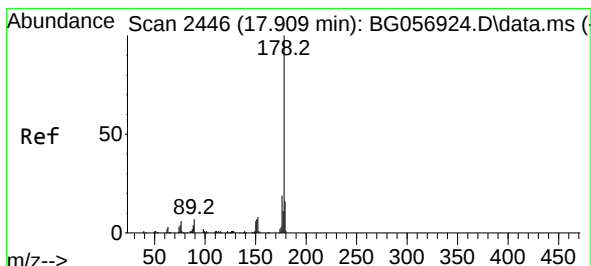
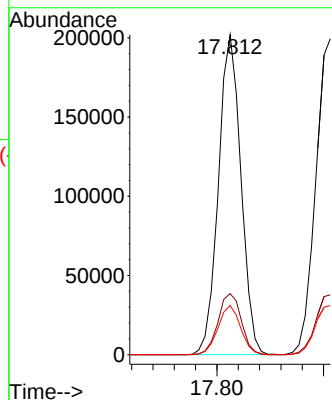
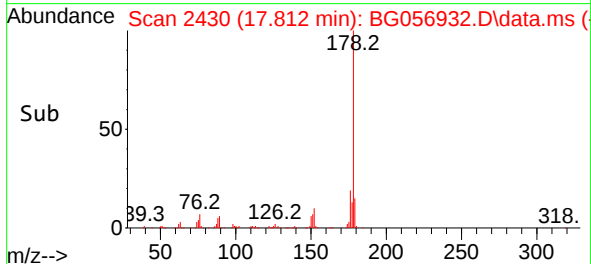
Instrument :
BNA_G
ClientSampleId :
PB151793BS



Tgt Ion:178 Resp: 295434
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.4 12.5 18.7

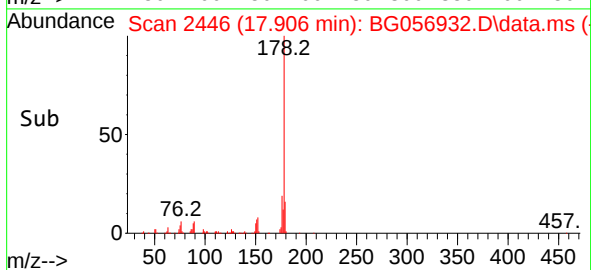
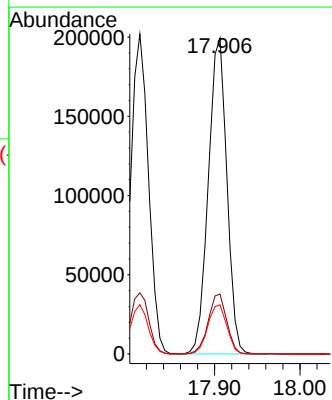
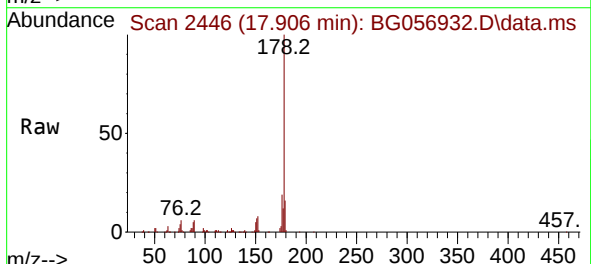
Manual Integrations
APPROVED

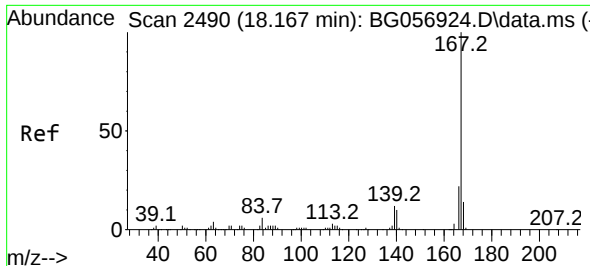
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#72
Anthracene
Concen: 41.607 ng
RT: 17.906 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:178 Resp: 301009
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.4 18.6





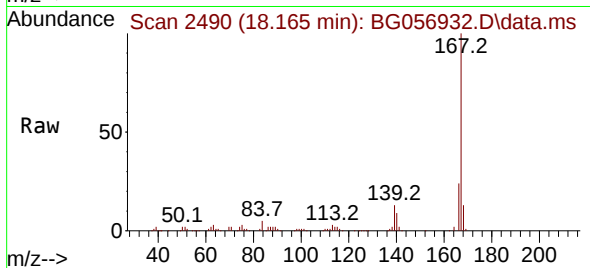
#73
 Carbazole
 Concen: 42.866 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.003 min
 Lab File: BG056932.D
 Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

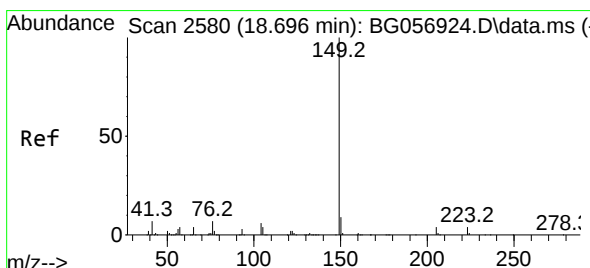
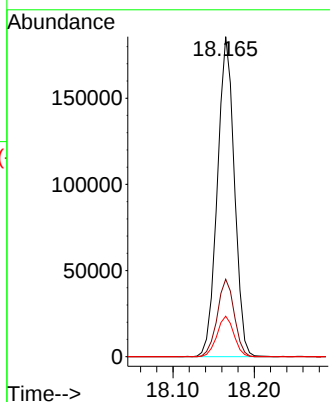
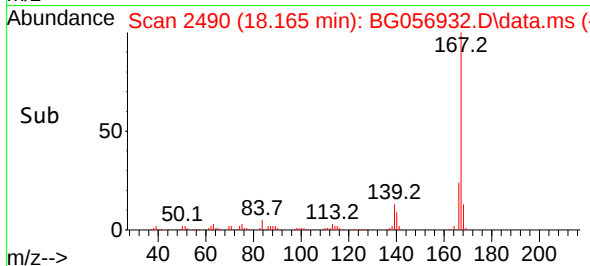


Tgt Ion:167 Resp: 27038
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.9 26.9
 139 12.6 9.5 14.3

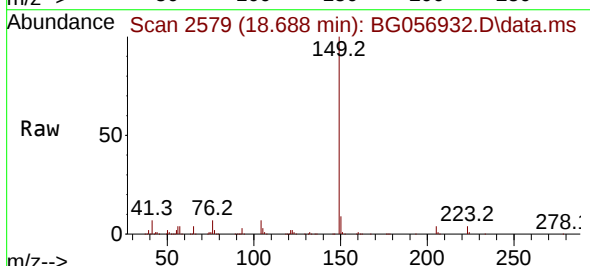
Manual Integrations

APPROVED

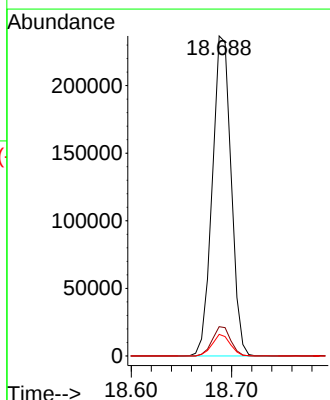
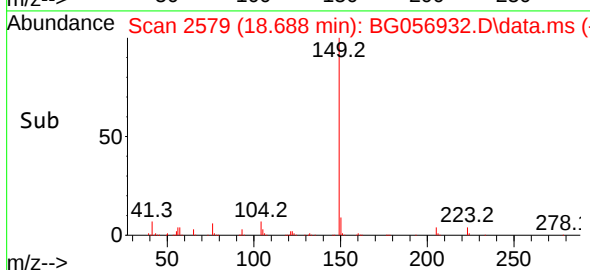
Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

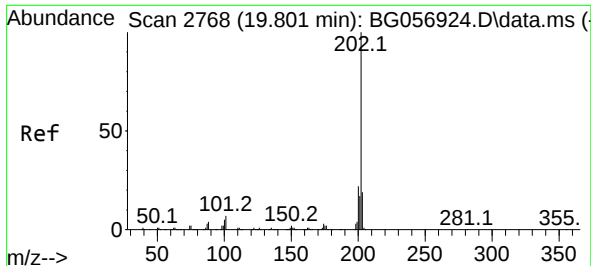


#74
 Di-n-butylphthalate
 Concen: 42.177 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.009 min
 Lab File: BG056932.D
 Acq: 30 Mar 2023 20:54



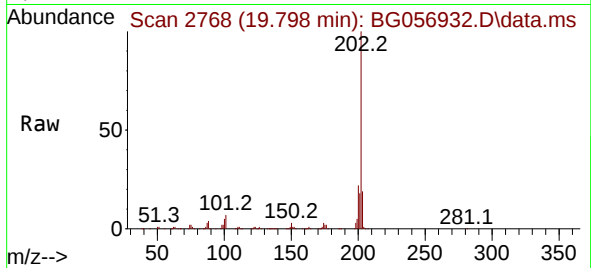
Tgt Ion:149 Resp: 308060
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.7 4.9 7.3





#75
Fluoranthene
Concen: 41.628 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

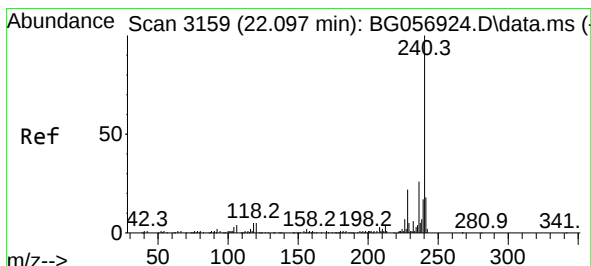
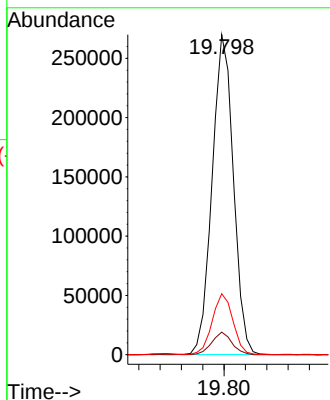
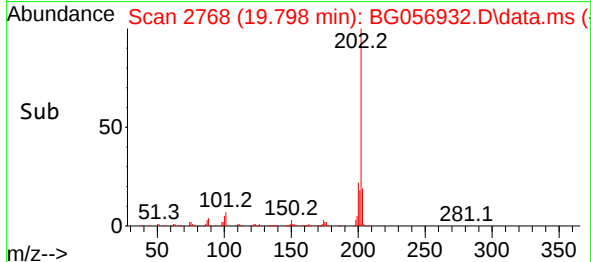
Instrument :
BNA_G
ClientSampleId :
PB151793BS



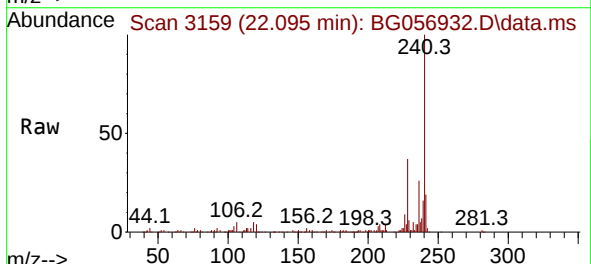
Tgt Ion:202 Resp: 372410
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.7
203 19.1 0.0 39.0

Manual Integrations
APPROVED

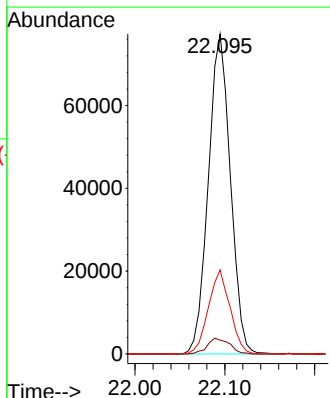
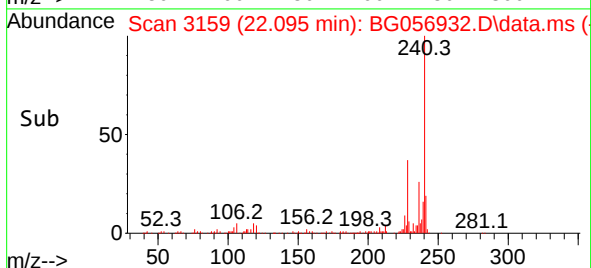
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

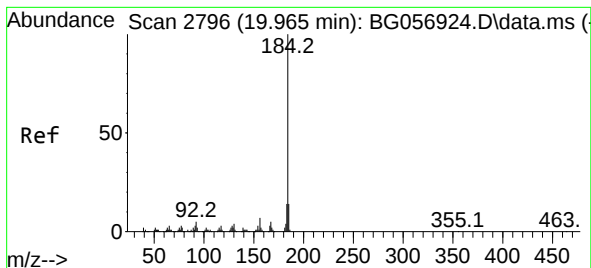


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion:240 Resp: 131743
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.6
236 26.3 21.0 31.6





#77

Benzidine

Concen: 49.857 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

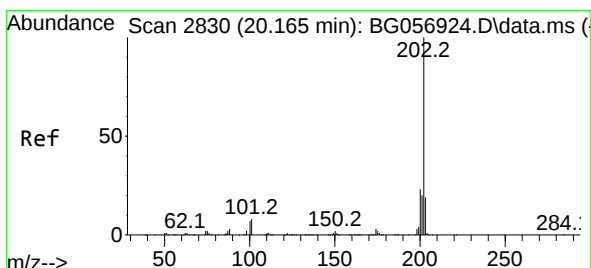
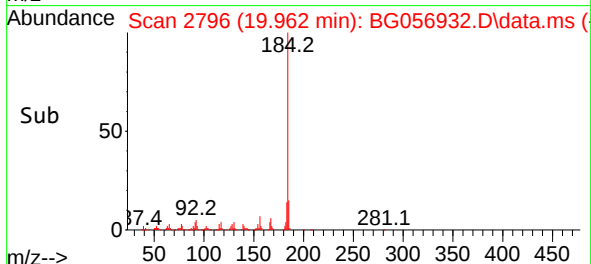
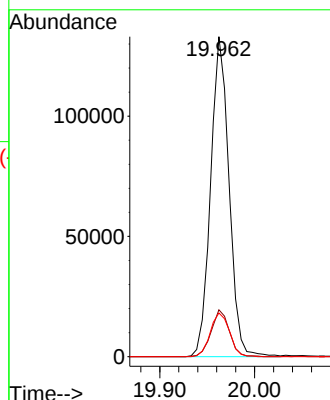
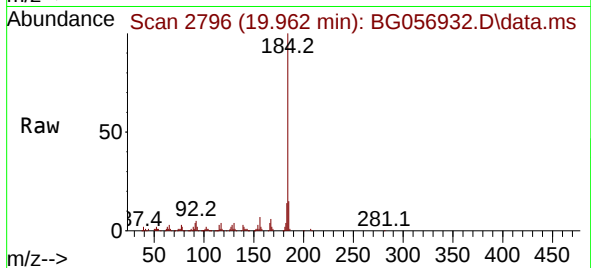
Tgt Ion:184 Resp: 179534

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.0	16.4
183	13.6	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#78

Pyrene

Concen: 41.577 ng

RT: 20.162 min Scan# 2830

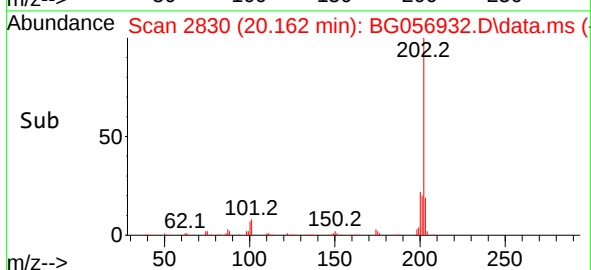
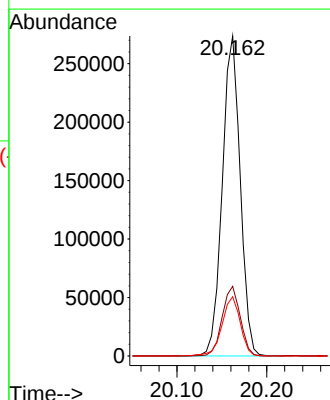
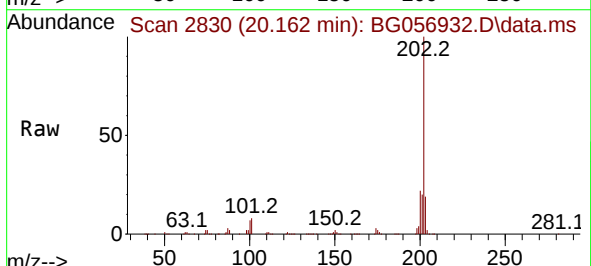
Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Tgt Ion:202 Resp: 378852

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.7	28.1
203	18.5	15.4	23.2





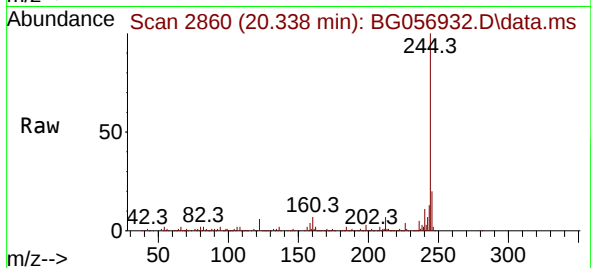
#79
 Terphenyl-d14
 Concen: 67.976 ng
 RT: 20.338 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: BG056932.D
 Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

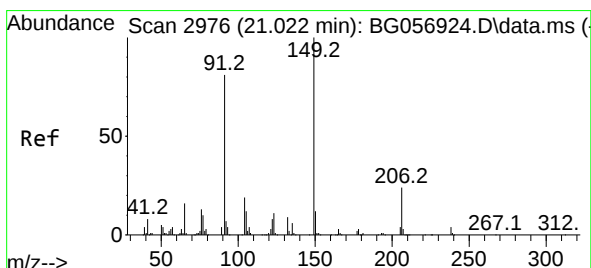
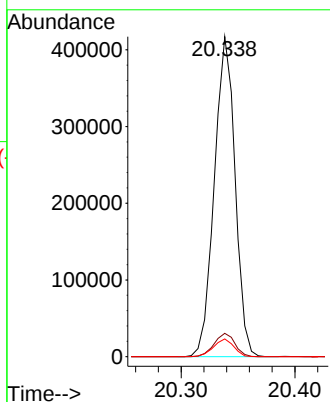
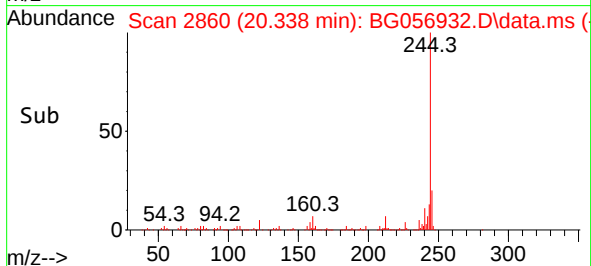


Tgt Ion:244 Resp: 529228
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.5 5.0 7.4

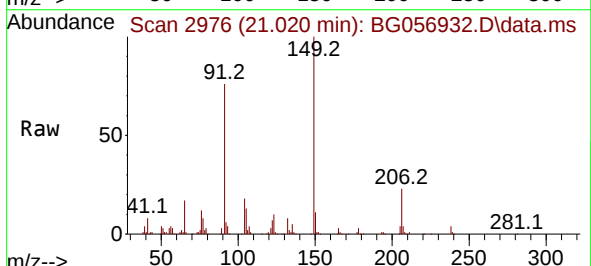
Manual Integrations

APPROVED

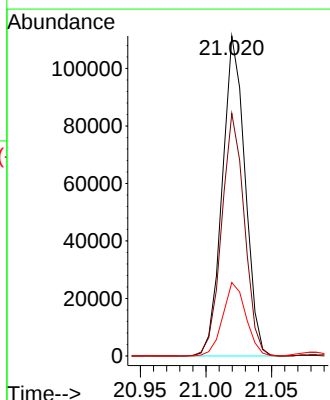
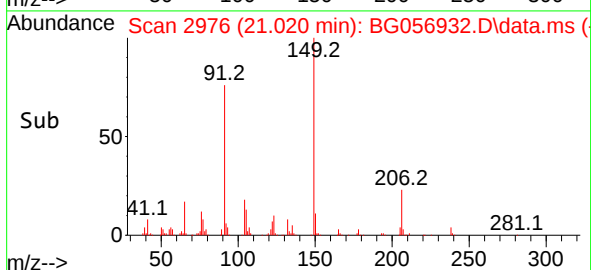
Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

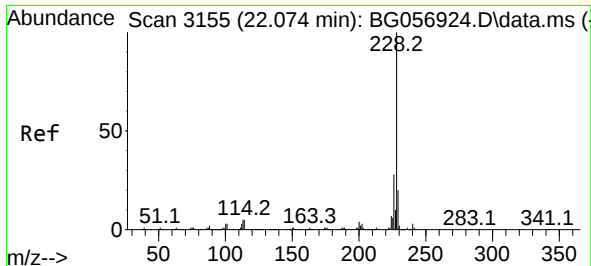


#80
 Butylbenzylphthalate
 Concen: 42.696 ng
 RT: 21.020 min Scan# 2976
 Delta R.T. -0.003 min
 Lab File: BG056932.D
 Acq: 30 Mar 2023 20:54



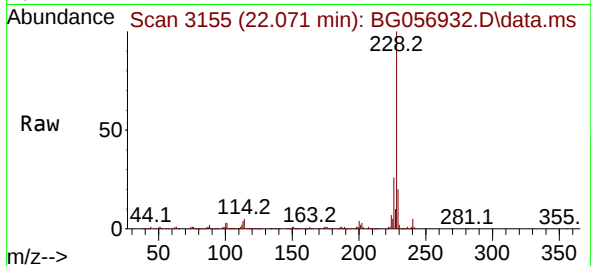
Tgt Ion:149 Resp: 133879
 Ion Ratio Lower Upper
 149 100
 91 75.8 64.4 96.6
 206 23.0 18.9 28.3





#81
Benzo(a)anthracene
Concen: 42.493 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

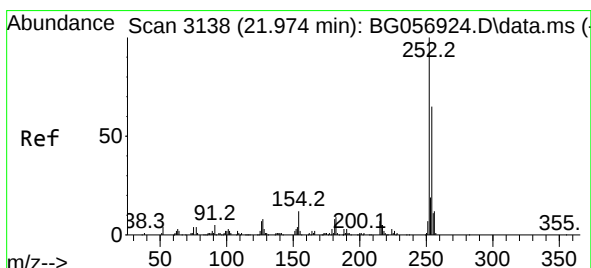
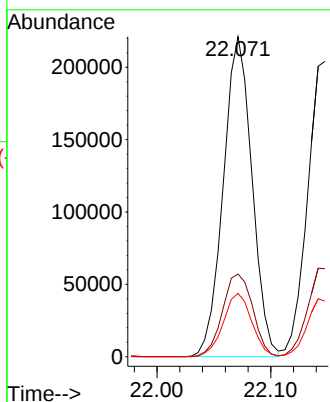
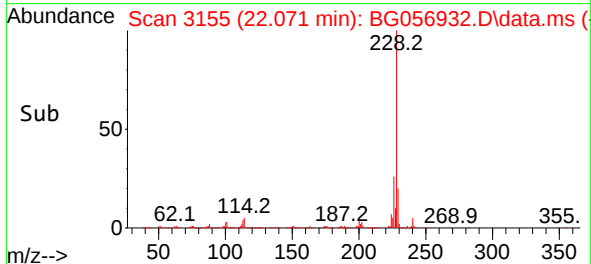
Instrument :
BNA_G
ClientSampleId :
PB151793BS



Tgt Ion:228 Resp: 387394
Ion Ratio Lower Upper
228 100
226 25.9 22.1 33.1
229 19.8 16.1 24.1

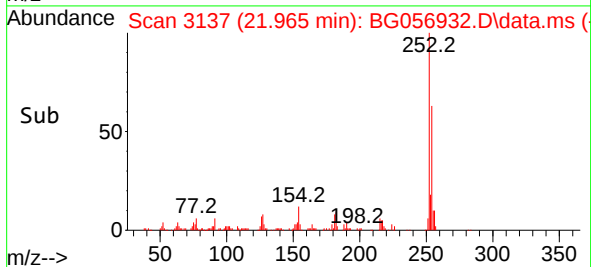
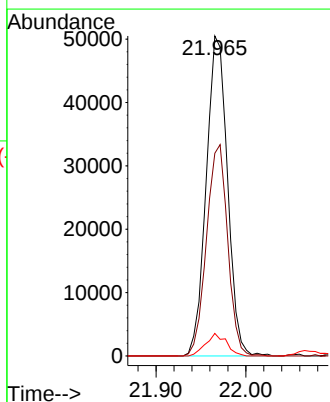
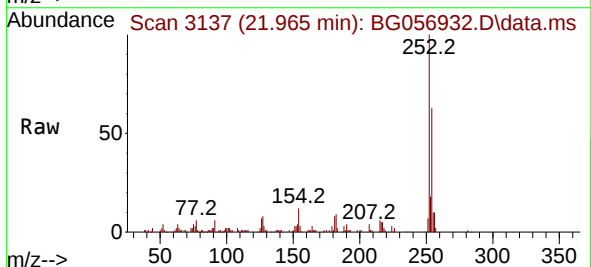
Manual Integrations
APPROVED

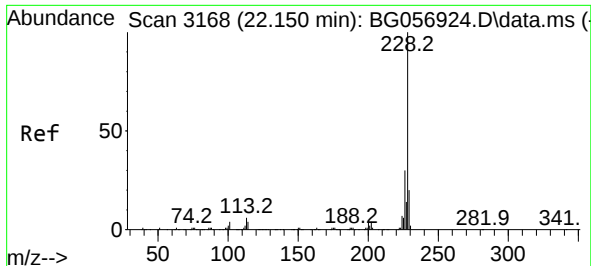
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.003 ng
RT: 21.965 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

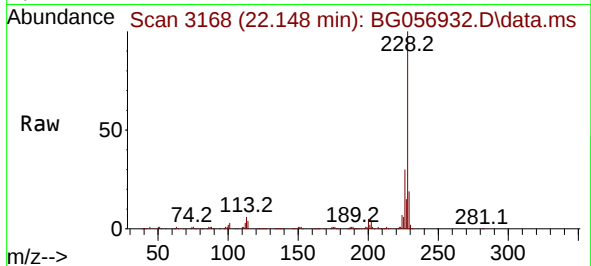
Tgt Ion:252 Resp: 83127
Ion Ratio Lower Upper
252 100
254 63.4 51.7 77.5
126 7.0 5.6 8.4





#83
Chrysene
Concen: 40.866 ng
RT: 22.148 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

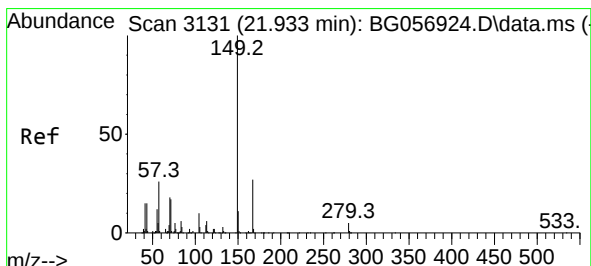
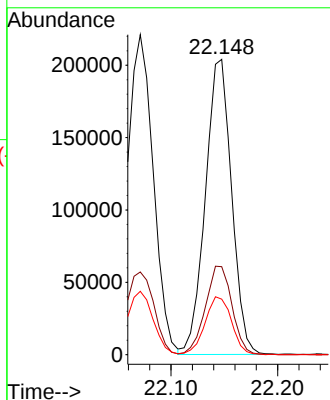
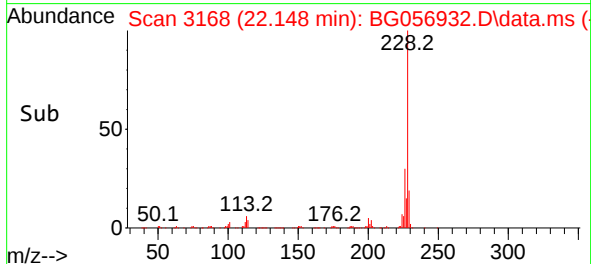
Instrument :
BNA_G
ClientSampleId :
PB151793BS



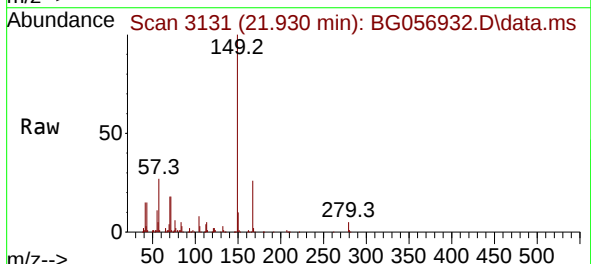
Tgt Ion:228 Resp: 348830
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 18.8 15.6 23.4

Manual Integrations
APPROVED

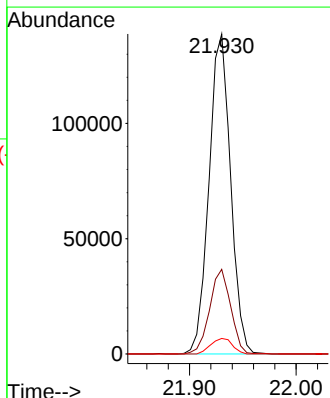
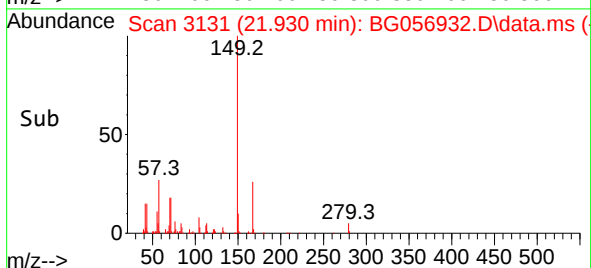
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

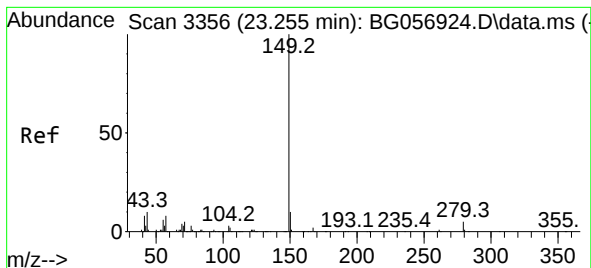


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.909 ng
RT: 21.930 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54



Tgt Ion:149 Resp: 194827
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 4.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.677 ng

RT: 23.252 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS

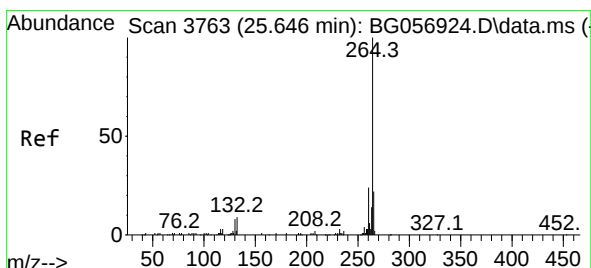
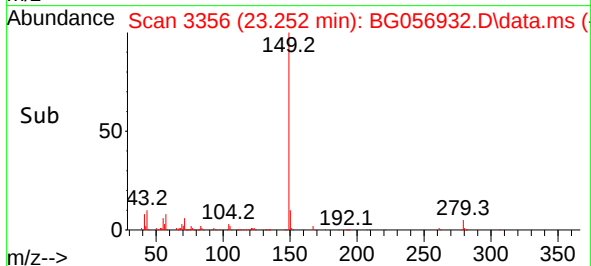
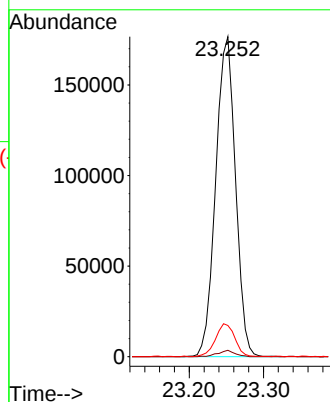
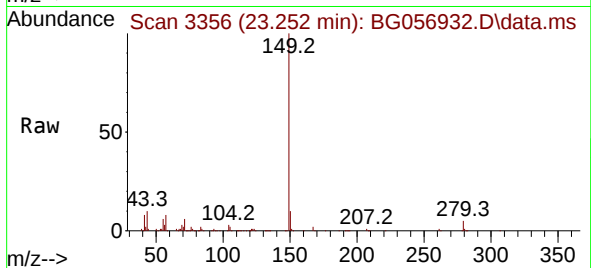
Tgt Ion:149 Resp: 326544

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.643 min Scan# 3763

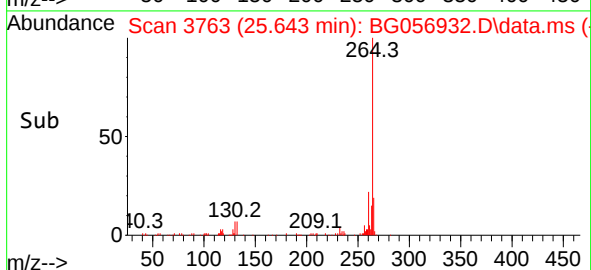
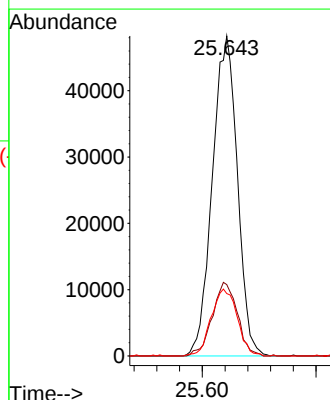
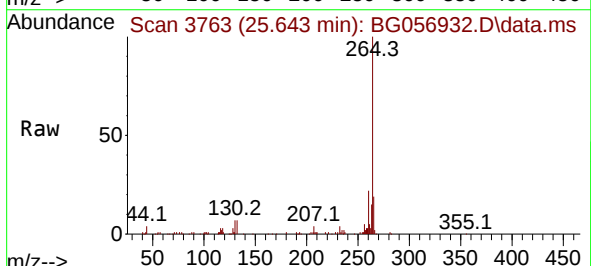
Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

Tgt Ion:264 Resp: 147156

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	19.5	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.533 ng

RT: 29.737 min Scan# 4460

Delta R.T. -0.014 min

Lab File: BG056932.D

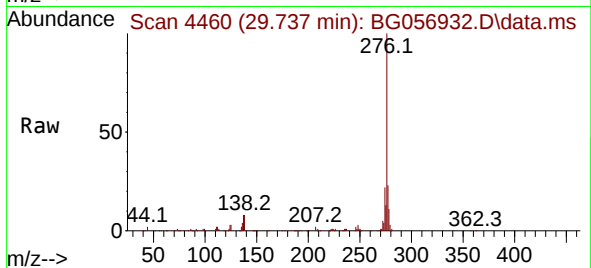
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

ClientSampleId :

PB151793BS



Tgt Ion:276 Resp: 462569

Ion Ratio Lower Upper

276 100

138 4.9 7.7 11.5

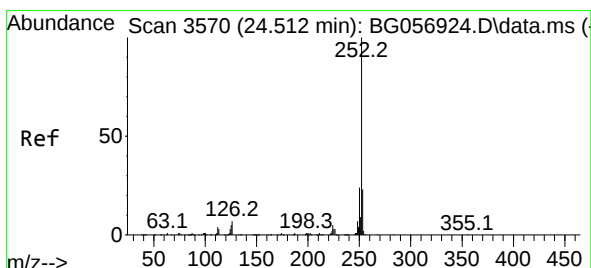
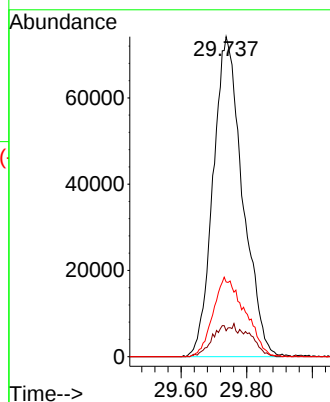
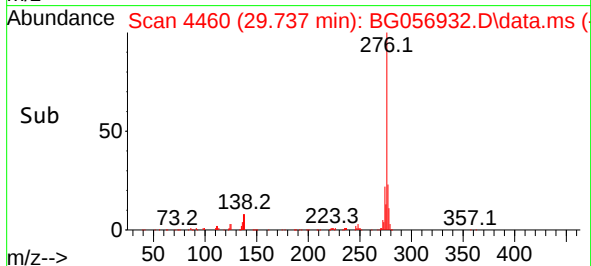
277 26.8 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#88

Benzo(b)fluoranthene

Concen: 44.200 ng

RT: 24.509 min Scan# 3570

Delta R.T. -0.003 min

Lab File: BG056932.D

Acq: 30 Mar 2023 20:54

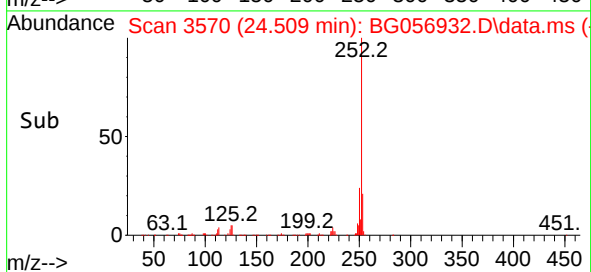
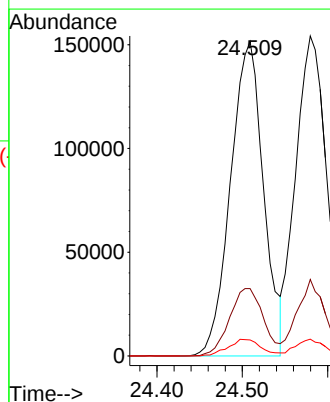
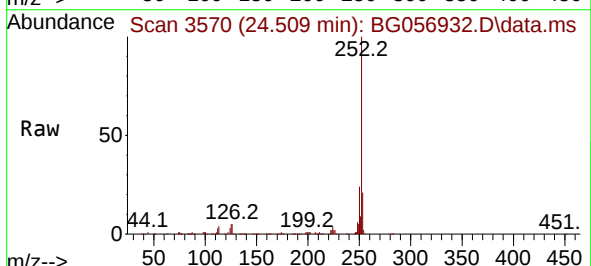
Tgt Ion:252 Resp: 406729

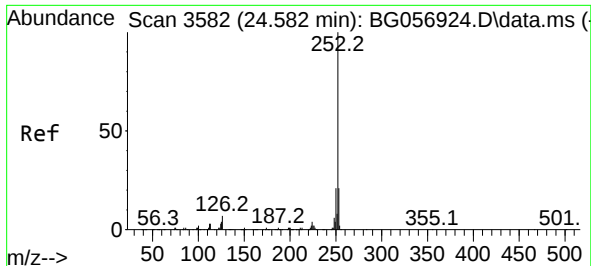
Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

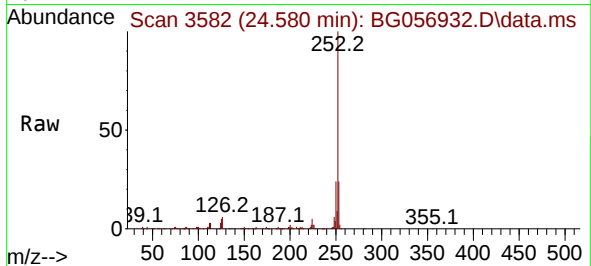
125 5.1 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 42.162 ng
RT: 24.580 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

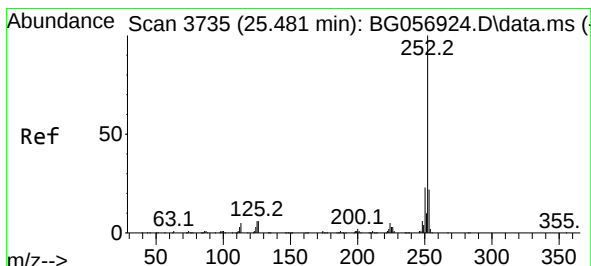
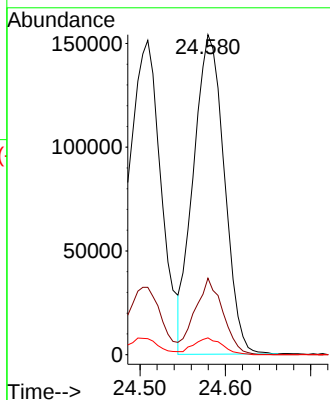
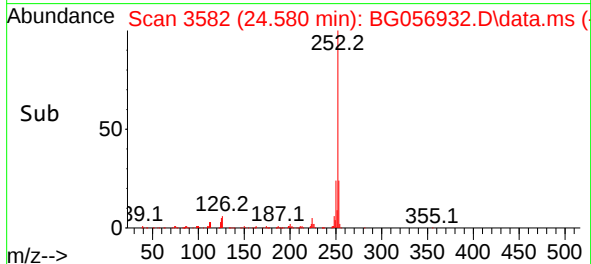
Instrument :
BNA_G
ClientSampleId :
PB151793BS



Tgt Ion:252 Resp: 38733
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 5.3 3.8 5.6

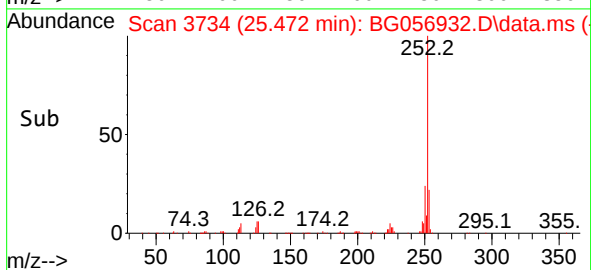
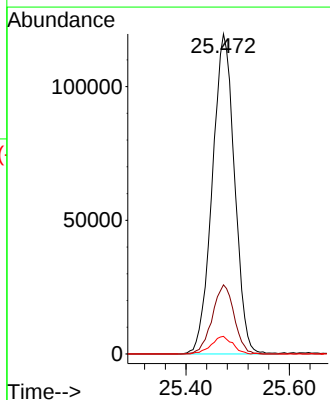
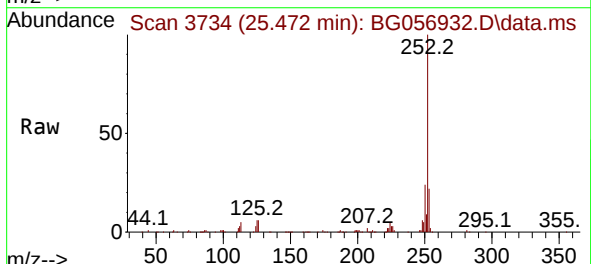
Manual Integrations
APPROVED

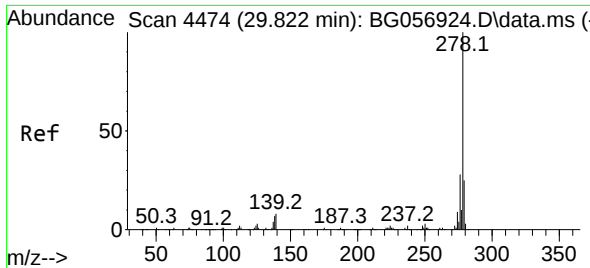
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#90
Benzo(a)pyrene
Concen: 39.523 ng
RT: 25.472 min Scan# 3734
Delta R.T. -0.009 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:252 Resp: 357391
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 5.5 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 42.163 ng
RT: 29.802 min Scan# 4474
Delta R.T. -0.020 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Instrument :

BNA_G

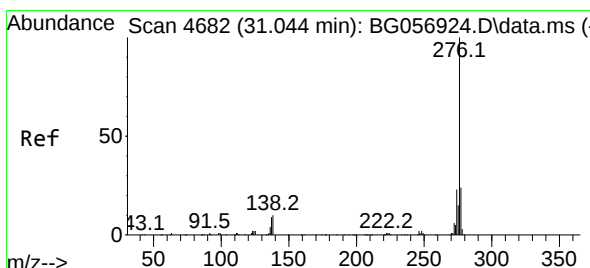
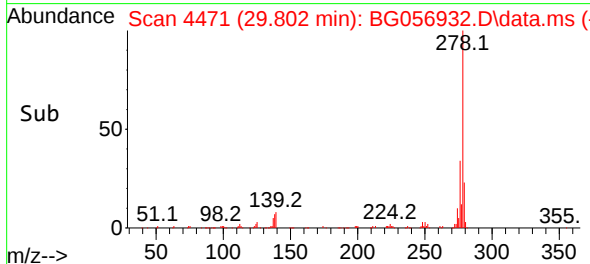
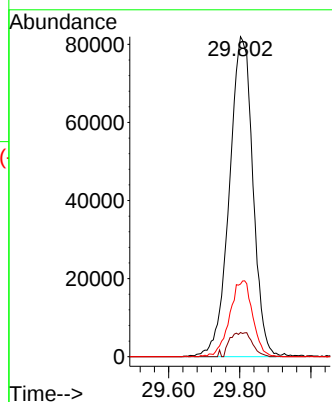
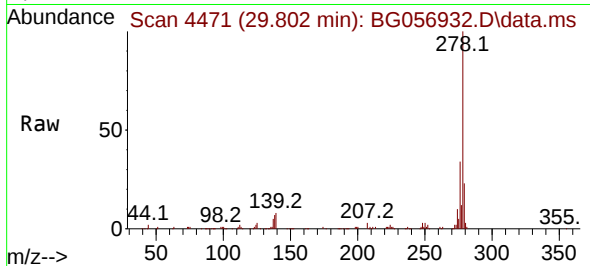
ClientSampleId :

PB151793BS

Tgt Ion:278 Resp: 37691
Ion Ratio Lower Upper
278 100
139 7.5 6.4 9.6
279 22.7 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#92
Benzo(g,h,i)perylene
Concen: 41.892 ng
RT: 31.024 min Scan# 4679
Delta R.T. -0.020 min
Lab File: BG056932.D
Acq: 30 Mar 2023 20:54

Tgt Ion:276 Resp: 366704
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 10.5 8.2 12.2

