

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056606.D
 Acq On : 10 Feb 2023 14:24
 Operator : CG/JU
 Sample : PB150753BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150753BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/13/2023
 Supervised By : Jagrut Upadhyay 02/13/2023

Quant Time: Feb 10 16:16:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 15:52:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	24727	20.000	ng	0.00
21) Naphthalene-d8	11.047	136	96255	20.000	ng	0.00
39) Acenaphthene-d10	14.843	164	84543	20.000	ng	0.00
64) Phenanthrene-d10	17.581	188	234372	20.000	ng	0.00
76) Chrysene-d12	21.858	240	221125	20.000	ng	0.00
86) Perylene-d12	25.230	264	241620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.736	112	173238	128.881	ng	0.00
7) Phenol-d6	7.369	99	241380	121.198	ng	0.00
23) Nitrobenzene-d5	9.390	82	121813	71.863	ng	0.00
42) 2,4,6-Tribromophenol	16.329	330	128010	113.893	ng	0.00
45) 2-Fluorobiphenyl	13.468	172	428615	70.289	ng	0.00
79) Terphenyl-d14	20.160	244	912402	72.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.497	88	25439	45.451	ng	# 93
3) Pyridine	3.926	79	64920	38.911	ng	98
4) n-Nitrosodimethylamine	3.838	42	15765	44.432	ng	89
6) Aniline	7.528	93	96468	36.995	ng	98
8) 2-Chlorophenol	7.774	128	78922	53.447	ng	99
9) Benzaldehyde	7.334	77	41168m	48.422	ng	
10) Phenol	7.398	94	107733	53.222	ng	99
11) bis(2-Chloroethyl)ether	7.616	93	64333	46.238	ng	97
12) 1,3-Dichlorobenzene	8.098	146	84185	49.516	ng	98
13) 1,4-Dichlorobenzene	8.250	146	85281	49.531	ng	98
14) 1,2-Dichlorobenzene	8.573	146	82109	49.152	ng	98
15) Benzyl Alcohol	8.456	79	64777	47.405	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.732	45	13541	45.932	ng	97
17) 2-Methylphenol	8.662	107	75109	48.773	ng	96
18) Hexachloroethane	9.308	117	25968	49.866	ng	94
19) n-Nitroso-di-n-propyla...	9.020	70	49444	43.080	ng	99
20) 3+4-Methylphenols	8.991	107	102657	47.568	ng	98
22) Acetophenone	9.043	105	118379	46.287	ng	# 99
24) Nitrobenzene	9.431	77	76565	46.828	ng	95
25) Isophorone	9.954	82	152577	43.631	ng	99
26) 2-Nitrophenol	10.154	139	47969	48.355	ng	100
27) 2,4-Dimethylphenol	10.207	122	87044m	52.429	ng	
28) bis(2-Chloroethoxy)met...	10.430	93	89554	46.357	ng	96
29) 2,4-Dichlorophenol	10.700	162	98120	52.505	ng	96
30) 1,2,4-Trichlorobenzene	10.906	180	100204	48.252	ng	98
31) Naphthalene	11.094	128	240411	47.321	ng	98
32) Benzoic acid	10.365	122	27584	29.697	ng	96
33) 4-Chloroaniline	11.211	127	64915	27.373	ng	95
34) Hexachlorobutadiene	11.370	225	69323	47.556	ng	97
35) Caprolactam	11.975	113	31826m	50.497	ng	
36) 4-Chloro-3-methylphenol	12.322	107	94934	52.603	ng	94
37) 2-Methylnaphthalene	12.686	142	190266	45.427	ng	97
38) 1-Methylnaphthalene	12.904	142	178933	45.744	ng	95
40) 1,2,4,5-Tetrachloroben...	13.051	216	140187	45.388	ng	99
41) Hexachlorocyclopentadiene	13.021	237	97210	61.015	ng	95
43) 2,4,6-Trichlorophenol	13.291	196	94374	47.415	ng	100

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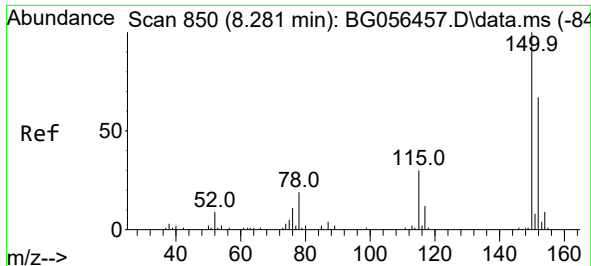
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.374	196	101256	43.450	ng	99
46) 1,1'-Biphenyl	13.679	154	281975	45.984	ng	100
47) 2-Chloronaphthalene	13.732	162	227264	47.415	ng	99
48) 2-Nitroaniline	13.932	65	47178	47.614	ng	95
49) Acenaphthylene	14.572	152	364568	46.750	ng	99
50) Dimethylphthalate	14.284	163	320872	46.913	ng	99
51) 2,6-Dinitrotoluene	14.414	165	70225	47.080	ng	97
52) Acenaphthene	14.907	154	215382	46.575	ng	99
53) 3-Nitroaniline	14.749	138	49196	34.021	ng	96
54) 2,4-Dinitrophenol	14.966	184	70564	75.461	ng	97
55) Dibenzofuran	15.236	168	386902	46.652	ng	99
56) 4-Nitrophenol	15.072	139	91915	93.023	ng	96
57) 2,4-Dinitrotoluene	15.207	165	103310	49.171	ng	98
58) Fluorene	15.883	166	317488	48.111	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.471	232	97934	47.265	ng	97
60) Diethylphthalate	15.636	149	303947	47.324	ng	100
61) 4-Chlorophenyl-phenyle...	15.865	204	188658	46.851	ng	96
62) 4-Nitroaniline	15.912	138	68332	47.224	ng	96
63) Azobenzene	16.159	77	208851	47.259	ng	98
65) 4,6-Dinitro-2-methylph...	15.971	198	63962	38.818	ng	99
66) n-Nitrosodiphenylamine	16.082	169	294569	44.391	ng	98
67) 4-Bromophenyl-phenylether	16.758	248	132981	44.321	ng	98
68) Hexachlorobenzene	16.887	284	138144	47.010	ng	99
69) Atrazine	17.016	200	124869	48.777	ng	97
70) Pentachlorophenol	17.240	266	128782	72.426	ng	98
71) Phenanthrene	17.628	178	560160	45.665	ng	98
72) Anthracene	17.716	178	580714	46.118	ng	99
73) Carbazole	17.986	167	505520	47.137	ng	99
74) Di-n-butylphthalate	18.509	149	515751	45.801	ng	99
75) Fluoranthene	19.619	202	713078	46.059	ng	99
77) Benzidine	19.790	184	361090	60.343	ng	97
78) Pyrene	19.978	202	721200	45.858	ng	99
80) Butylbenzylphthalate	20.830	149	219514	45.703	ng	98
81) Benzo(a)anthracene	21.840	228	710279	45.946	ng	99
82) 3,3'-Dichlorobenzidine	21.740	252	166579	29.922	ng	97
83) Chrysene	21.911	228	664467	45.751	ng	99
84) Bis(2-ethylhexyl)phtha...	21.693	149	310636	45.110	ng	99
85) Di-n-octyl phthalate	22.945	149	520085	45.351	ng	99
87) Indeno(1,2,3-cd)pyrene	29.114	276	840287	47.509	ng	# 95
88) Benzo(b)fluoranthene	24.155	252	753019	50.211	ng	98
89) Benzo(k)fluoranthene	24.226	252	707279	46.711	ng	99
90) Benzo(a)pyrene	25.072	252	646953	43.793	ng	99
91) Dibenzo(a,h)anthracene	29.173	278	704552	47.456	ng	99
92) Benzo(g,h,i)perylene	30.342	276	678334	47.353	ng	99

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



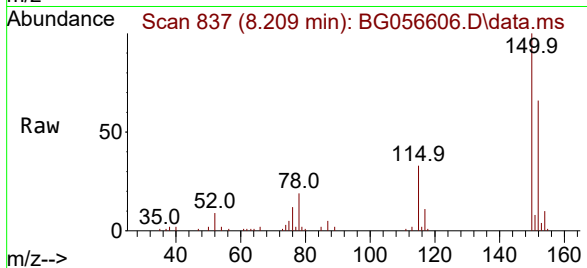
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

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BNA_G

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PB150753BS

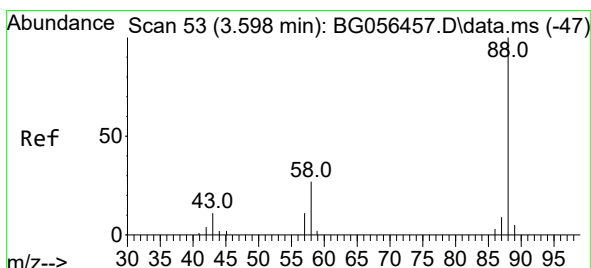
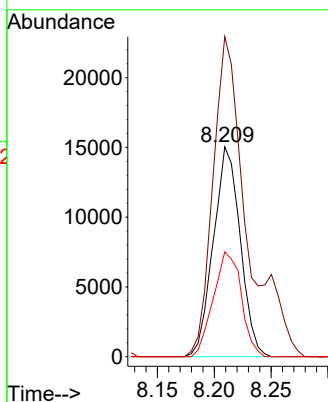
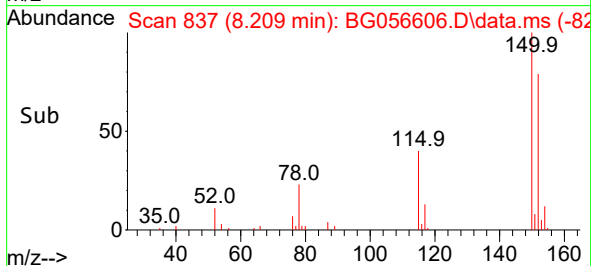


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Ion Ratio Lower Upper
152 100
150 152.4 120.2 180.4
115 49.9 36.3 54.5

Manual Integrations

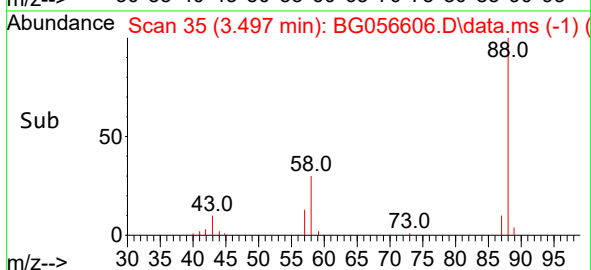
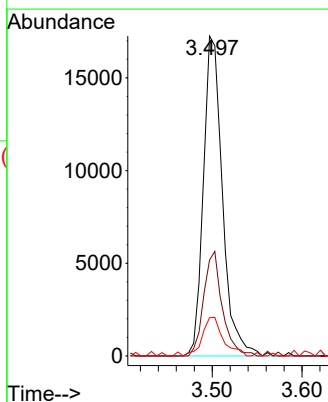
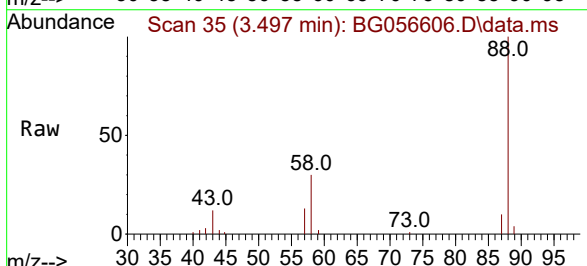
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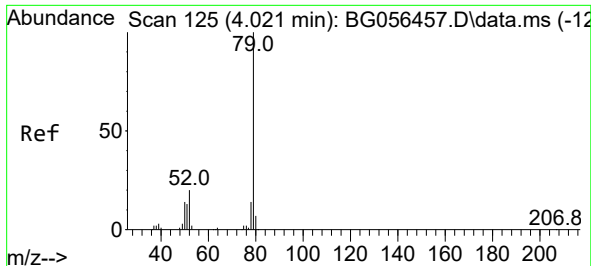
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#2
1,4-Dioxane
Concen: 45.451 ng
RT: 3.497 min Scan# 35
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion: 88 Resp: 25439
Ion Ratio Lower Upper
88 100
58 31.8 23.0 34.4
43 13.5 8.0 12.0





#3
Pyridine
Concen: 38.911 ng
RT: 3.926 min Scan# 108
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

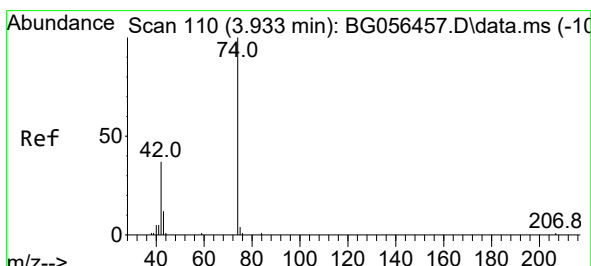
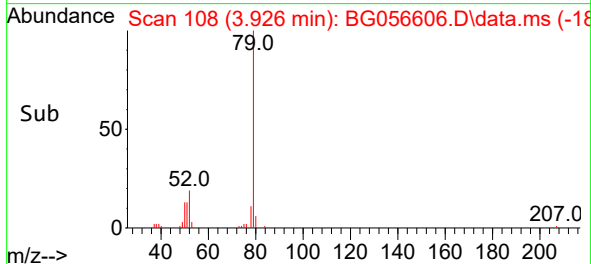
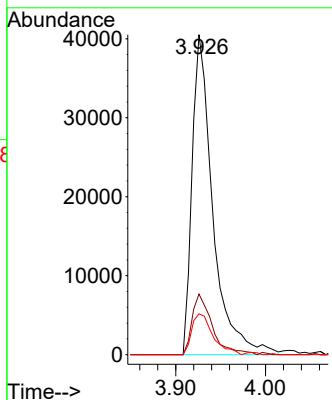
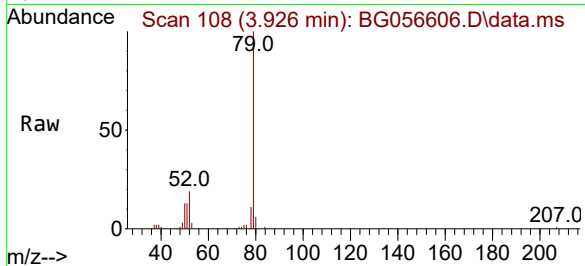
ClientSampleId :

PB150753BS

Tgt Ion: 79 Resp: 64920
Ion Ratio Lower Upper
79 100
52 19.0 16.1 24.1
51 12.7 10.7 16.1

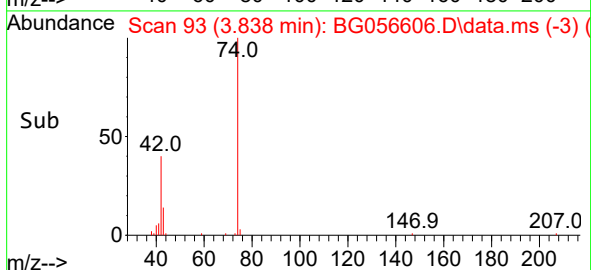
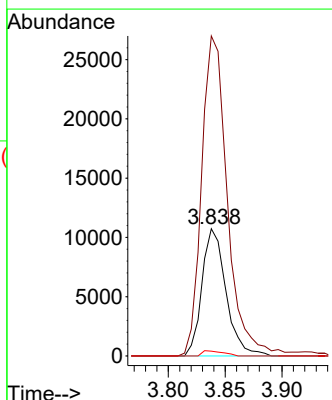
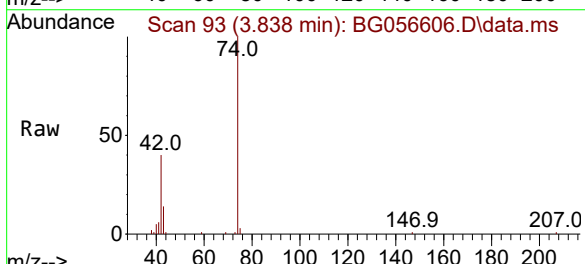
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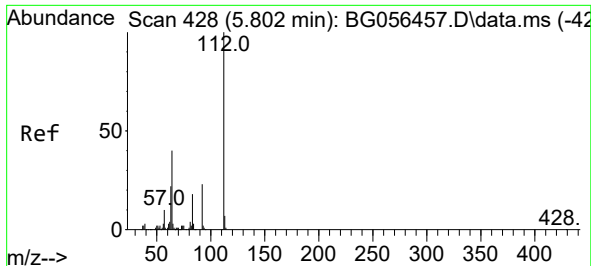
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#4
n-Nitrosodimethylamine
Concen: 44.432 ng
RT: 3.838 min Scan# 93
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion: 42 Resp: 15765
Ion Ratio Lower Upper
42 100
74 251.5 217.9 326.9
44 3.7 3.0 4.6





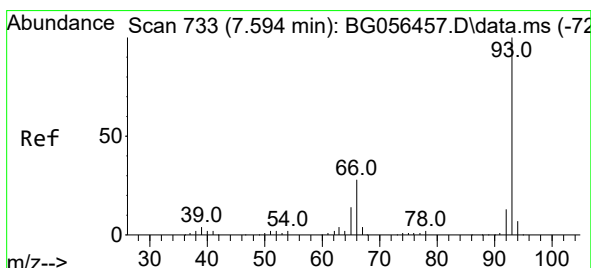
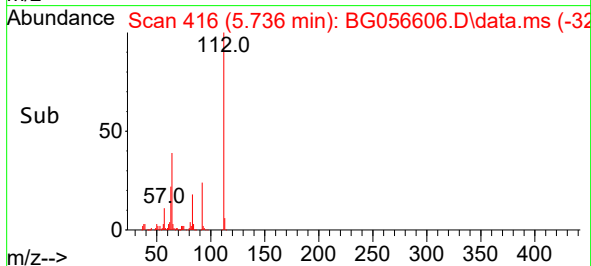
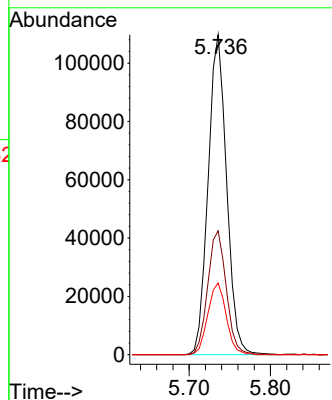
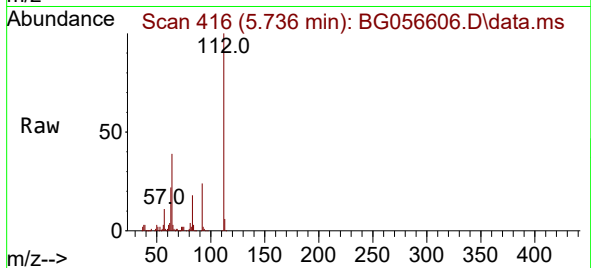
#5
2-Fluorophenol
Concen: 128.881 ng
RT: 5.736 min Scan# 416
Delta R.T. 0.008 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

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ClientSampleId :
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Tgt Ion:112 Resp: 173238
Ion Ratio Lower Upper
112 100
64 38.7 31.9 47.9
63 22.4 17.4 26.0

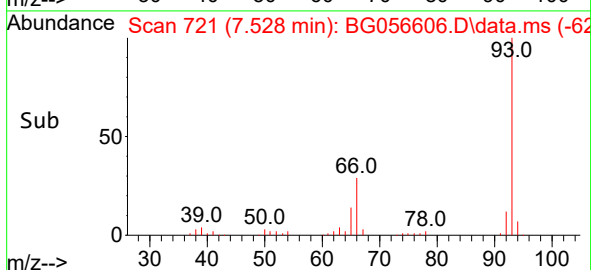
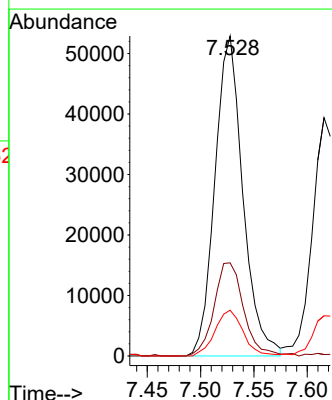
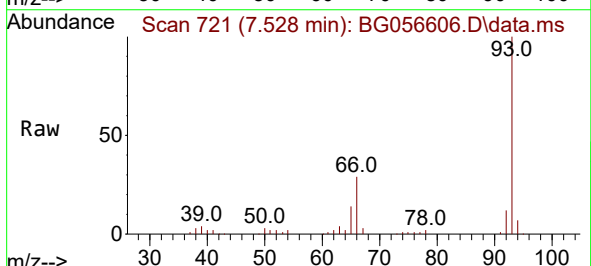
Manual Integrations
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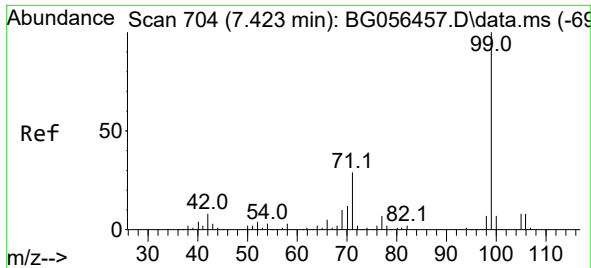
Reviewed By :Christian Giraldo 02/13/2023
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#6
Aniline
Concen: 36.995 ng
RT: 7.528 min Scan# 721
Delta R.T. 0.008 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

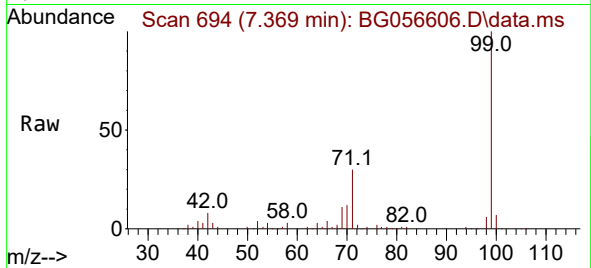
Tgt Ion: 93 Resp: 96468
Ion Ratio Lower Upper
93 100
66 29.1 22.2 33.2
65 14.3 11.3 16.9





#7
Phenol-d6
Concen: 121.198 ng
RT: 7.369 min Scan# 694
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

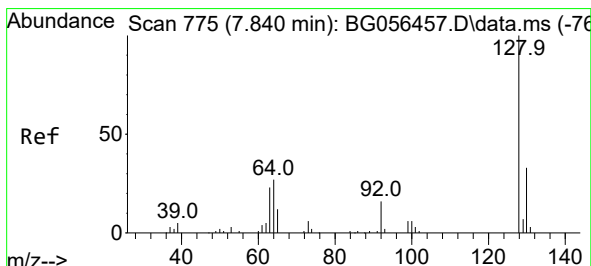
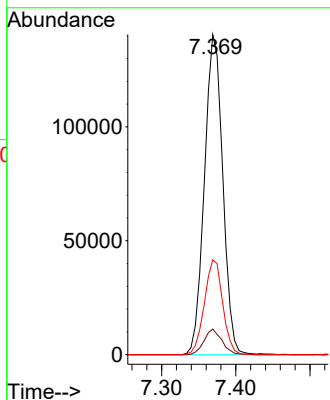
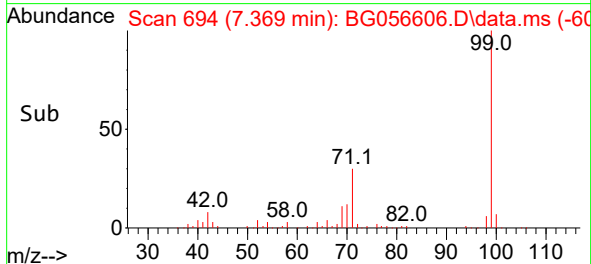
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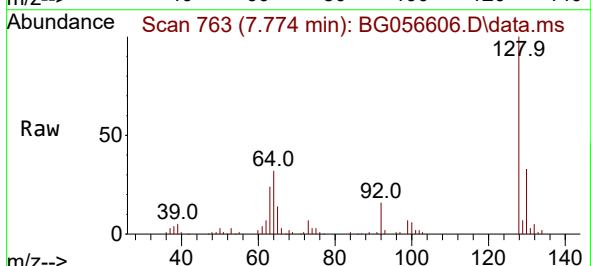
Tgt Ion: 99 Resp: 241380
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 29.6 23.4 35.0

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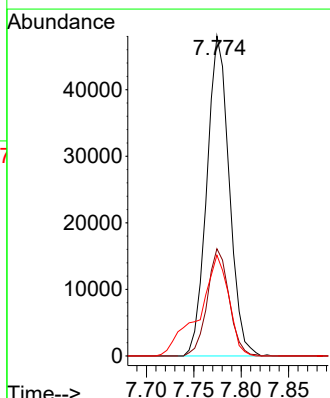
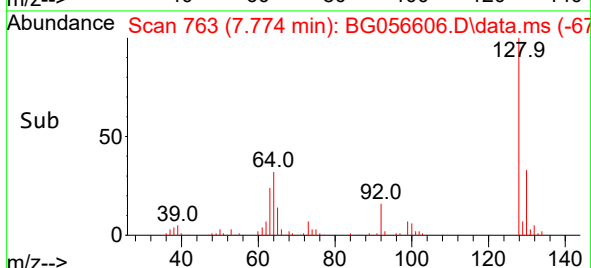
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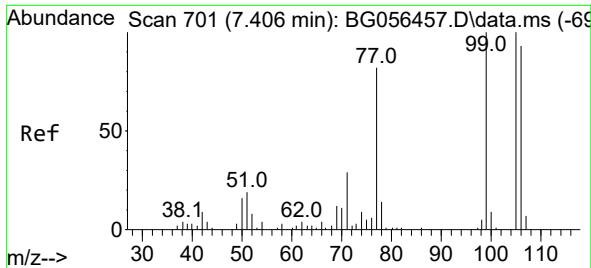


#8
2-Chlorophenol
Concen: 53.447 ng
RT: 7.774 min Scan# 763
Delta R.T. 0.002 min
Lab File: BG056606.D
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Tgt Ion:128 Resp: 78922
Ion Ratio Lower Upper
128 100
130 33.5 12.8 52.8
64 31.5 11.3 51.3





#9
Benzaldehyde
Concen: 48.422 ng m
RT: 7.334 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

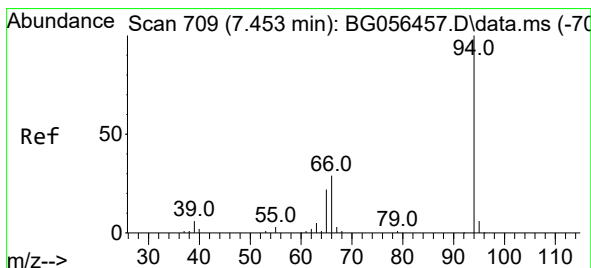
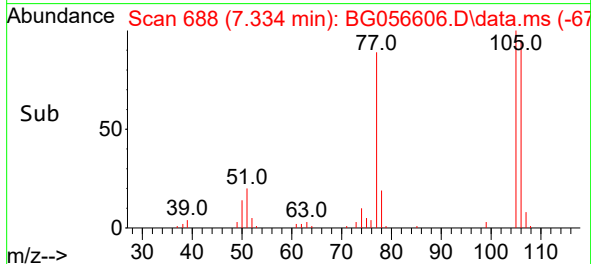
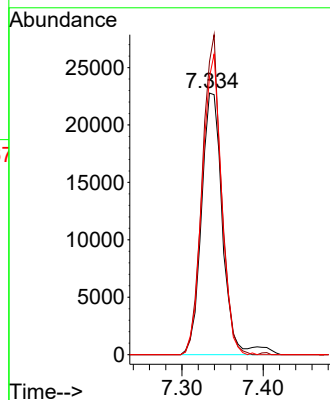
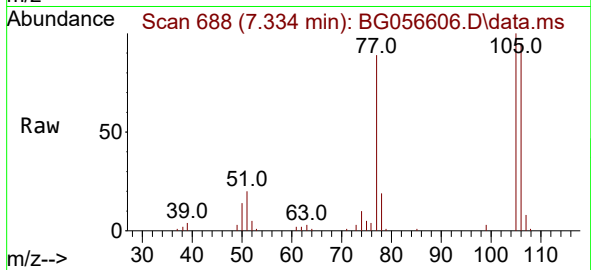
ClientSampleId :

PB150753BS

Tgt Ion: 77 Resp: 4116
Ion Ratio Lower Upper
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105 112.0 101.8 141.8
106 106.1 93.0 133.0

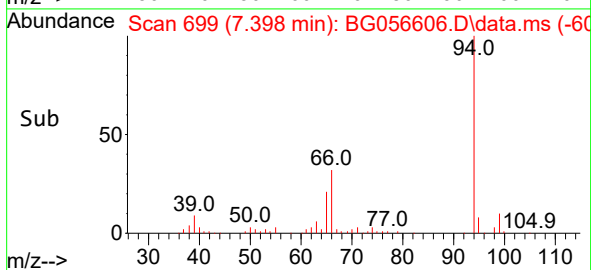
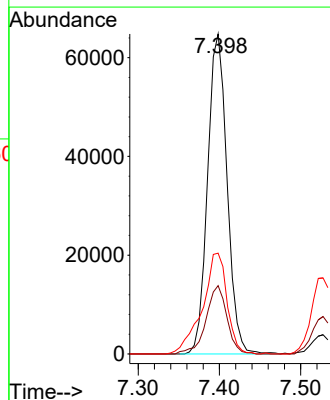
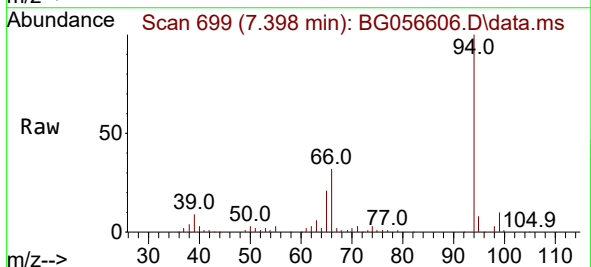
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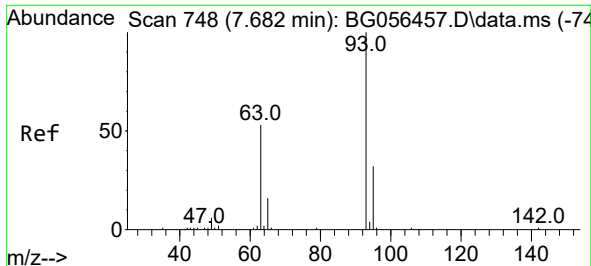
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#10
Phenol
Concen: 53.222 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.008 min
Lab File: BG056606.D
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Tgt Ion: 94 Resp: 107733
Ion Ratio Lower Upper
94 100
65 21.3 2.3 42.3
66 31.5 11.2 51.2





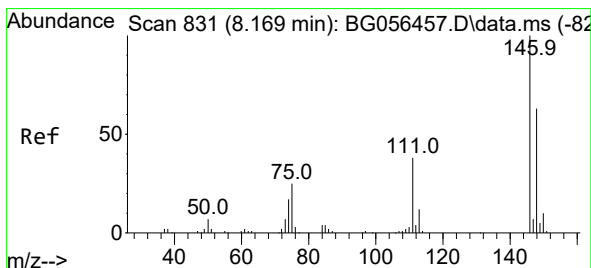
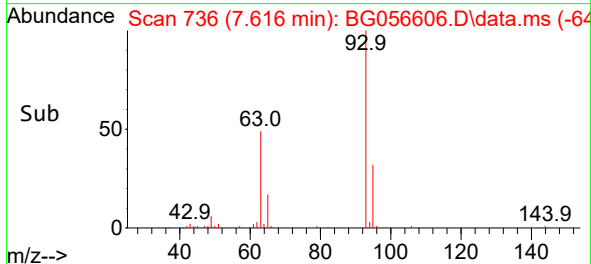
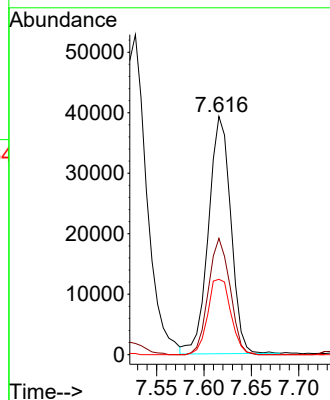
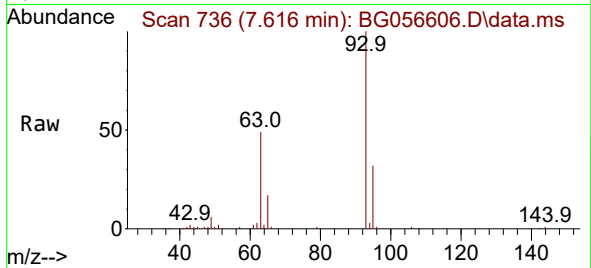
#11
bis(2-Chloroethyl)ether
Concen: 46.238 ng
RT: 7.616 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Tgt Ion: 93 Resp: 6433
Ion Ratio Lower Upper
93 100
63 48.8 32.4 72.4
95 31.6 11.8 51.8

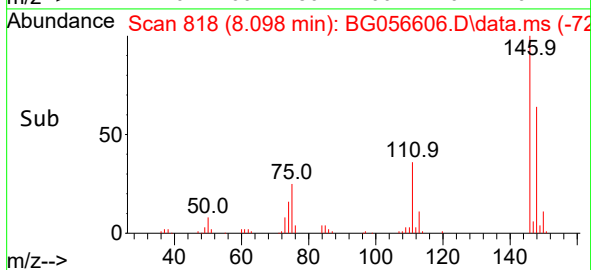
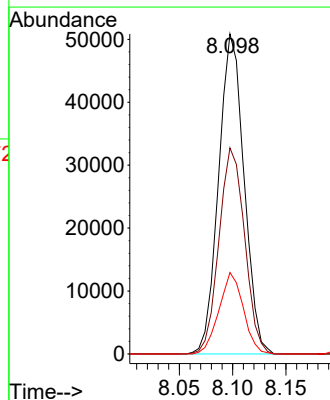
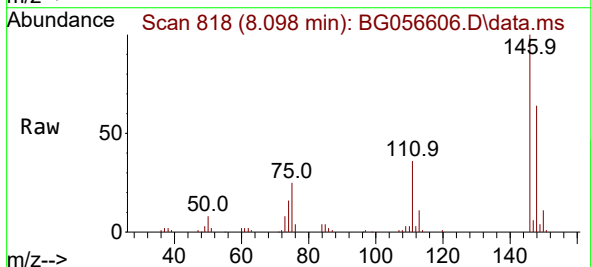
Manual Integrations
APPROVED

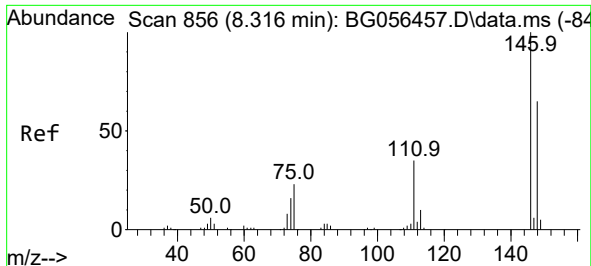
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#12
1,3-Dichlorobenzene
Concen: 49.516 ng
RT: 8.098 min Scan# 818
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:146 Resp: 84185
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 25.4 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.531 ng

RT: 8.250 min Scan# 84

Delta R.T. 0.008 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:146 Resp: 8528

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

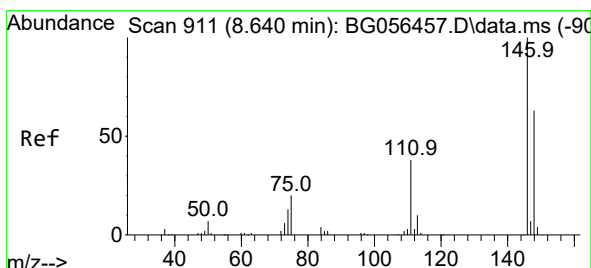
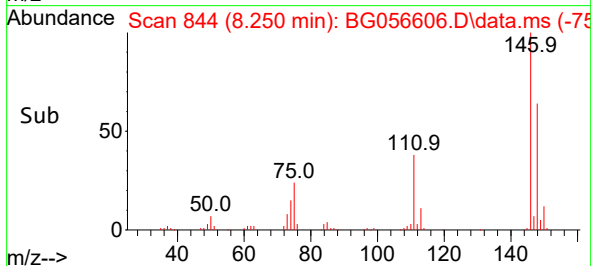
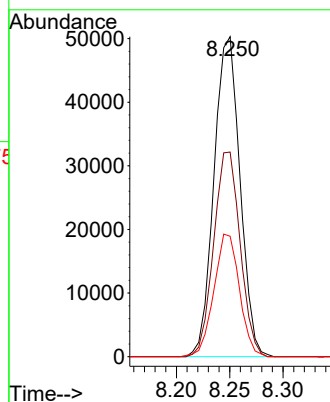
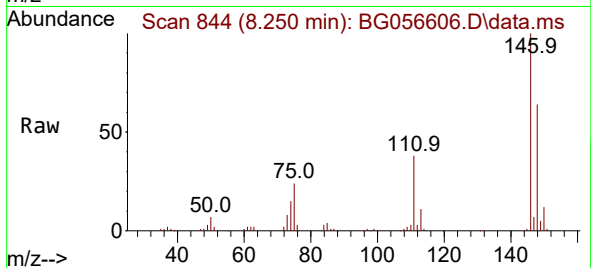
111 37.7 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#14

1,2-Dichlorobenzene

Concen: 49.152 ng

RT: 8.573 min Scan# 899

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

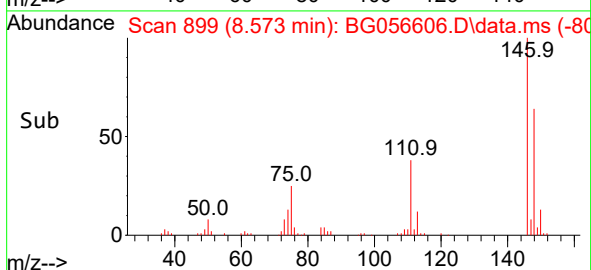
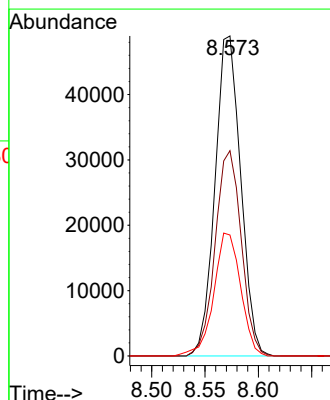
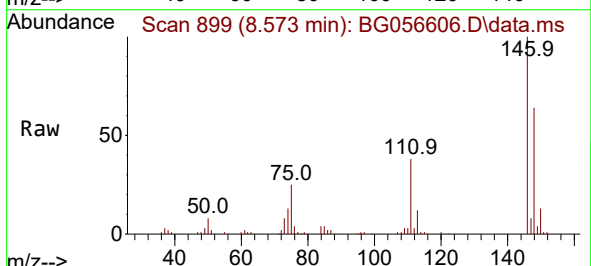
Tgt Ion:146 Resp: 82109

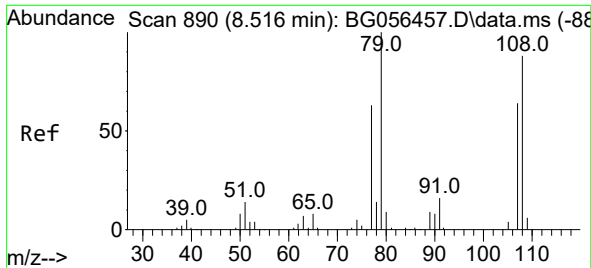
Ion Ratio Lower Upper

146 100

148 64.2 50.1 75.1

111 37.8 30.9 46.3





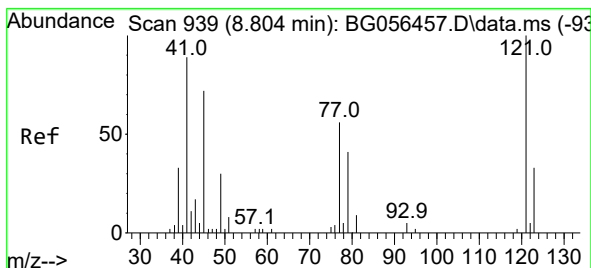
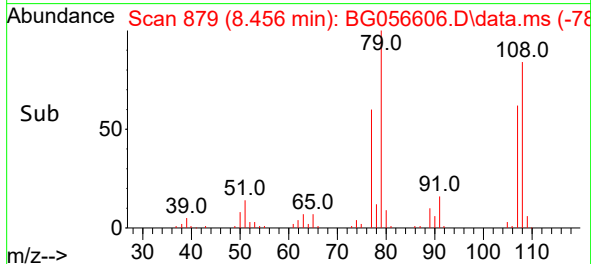
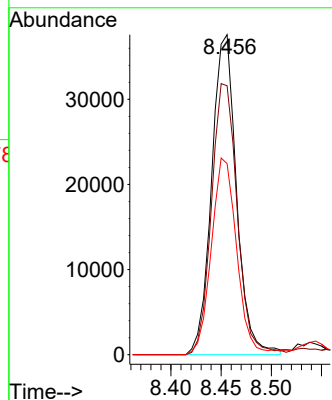
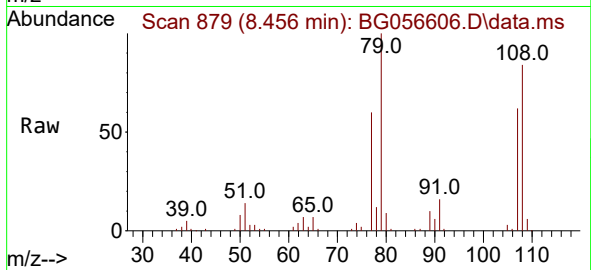
#15
Benzyl Alcohol
Concen: 47.405 ng
RT: 8.456 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Tgt Ion: 79 Resp: 6477
Ion Ratio Lower Upper
79 100
108 84.0 70.1 105.1
77 59.7 50.3 75.5

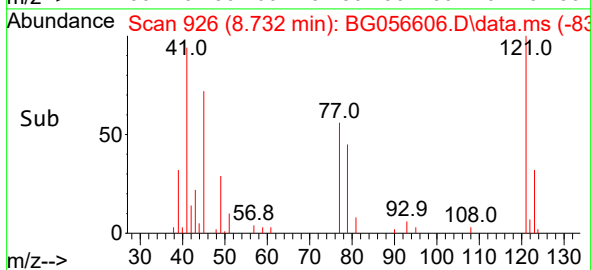
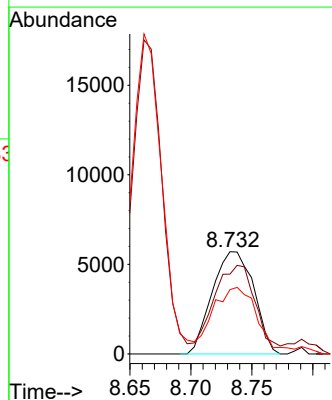
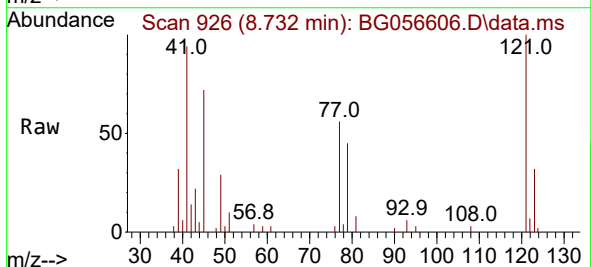
Manual Integrations
APPROVED

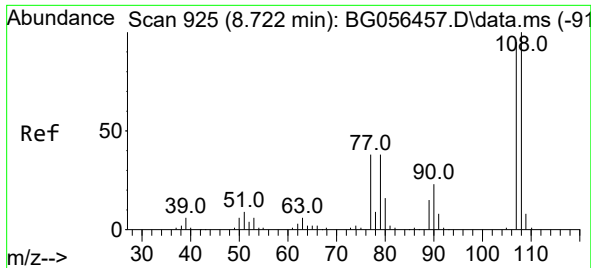
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.932 ng
RT: 8.732 min Scan# 926
Delta R.T. 0.008 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion: 45 Resp: 13541
Ion Ratio Lower Upper
45 100
77 78.1 62.1 102.1
79 62.9 42.7 82.7





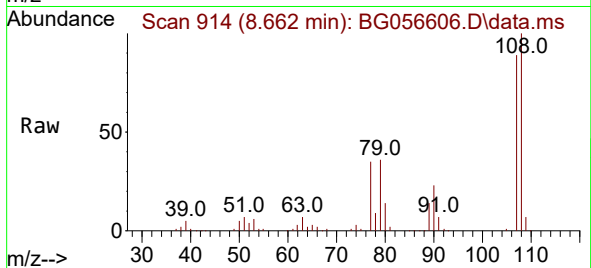
#17
2-Methylphenol
Concen: 48.773 ng
RT: 8.662 min Scan# 914
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

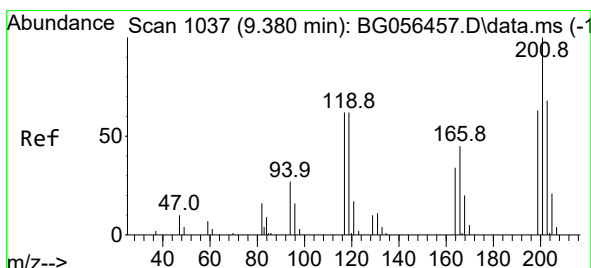
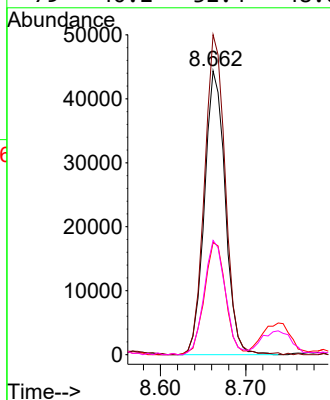
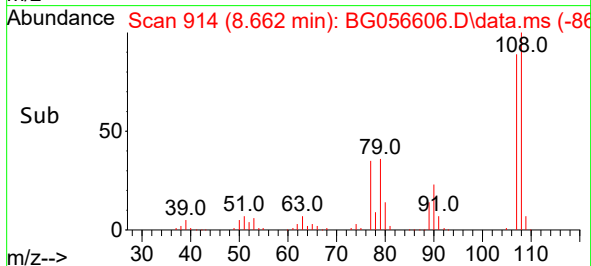


Tgt Ion:107 Resp: 75109
Ion Ratio Lower Upper
107 100
108 112.7 83.9 125.9
77 39.5 31.6 47.4
79 40.2 32.4 48.6

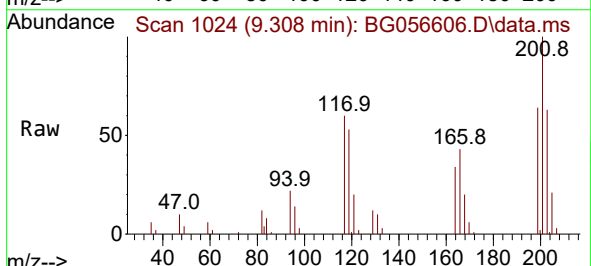
Manual Integrations

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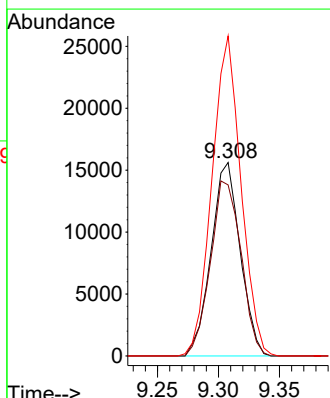
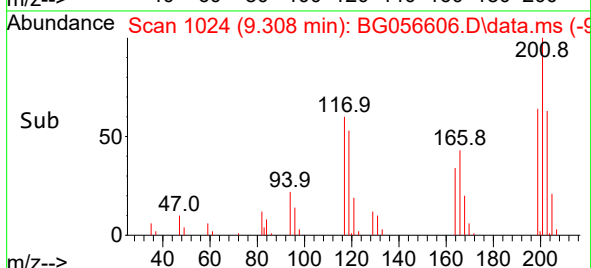
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

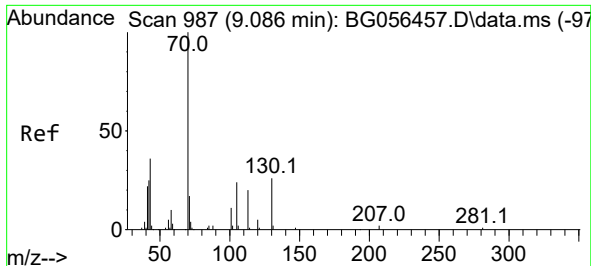


#18
Hexachloroethane
Concen: 49.866 ng
RT: 9.308 min Scan# 1024
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:117 Resp: 25968
Ion Ratio Lower Upper
117 100
119 88.4 79.4 119.0
201 165.4 128.5 192.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.080 ng

RT: 9.020 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG056606.D

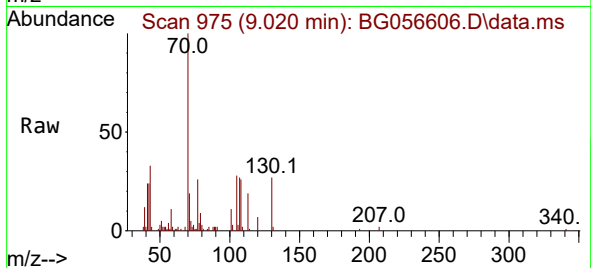
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS



Tgt Ion: 70 Resp: 4944

Ion Ratio Lower Upper

70 100

42 24.3 20.2 30.4

101 11.3 9.1 13.7

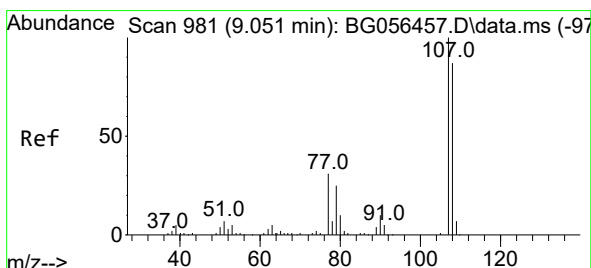
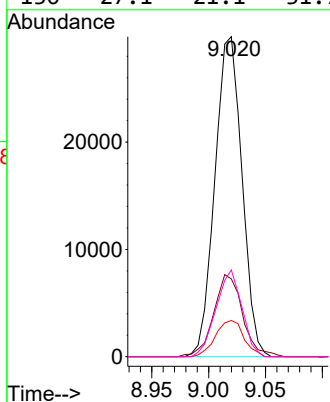
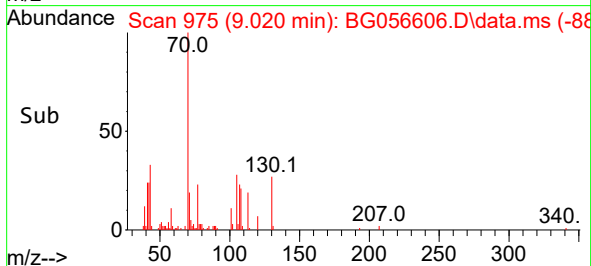
130 27.1 21.1 31.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#20

3+4-Methylphenols

Concen: 47.568 ng

RT: 8.991 min Scan# 970

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Tgt Ion:107 Resp: 102657

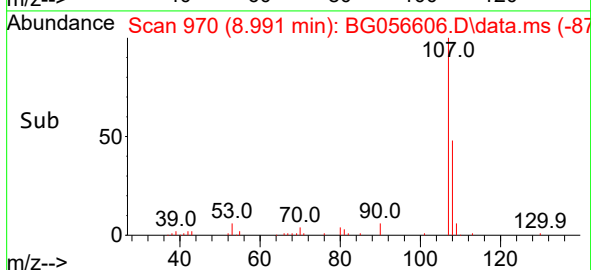
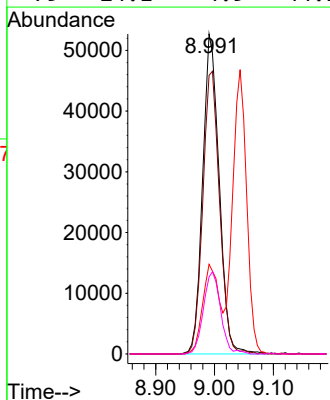
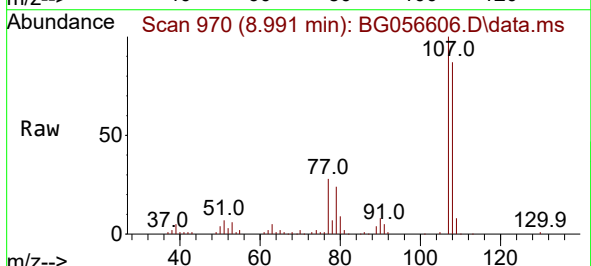
Ion Ratio Lower Upper

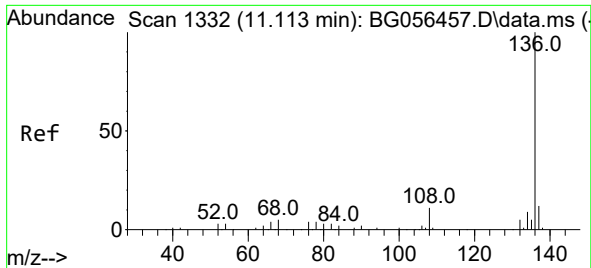
107 100

108 87.1 66.7 106.7

77 28.0 10.6 50.6

79 24.1 4.9 44.9





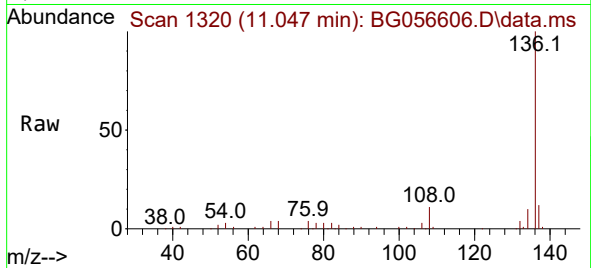
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.047 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS



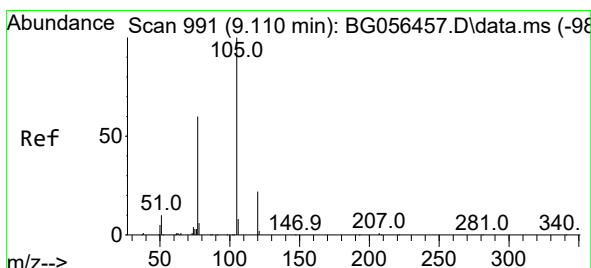
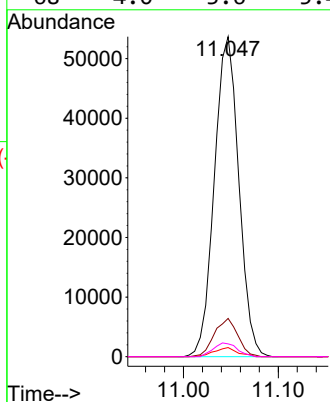
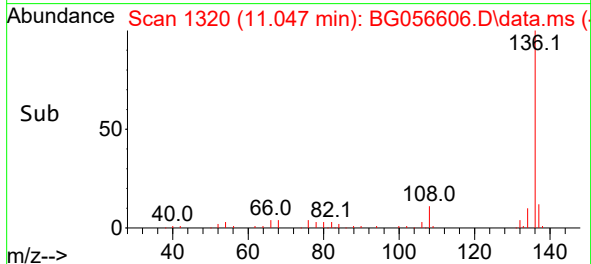
Tgt Ion:136 Resp: 9625

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.0
54	2.8	2.2	3.4
68	4.0	3.6	5.4

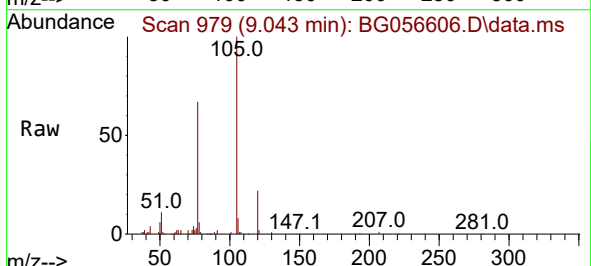
Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

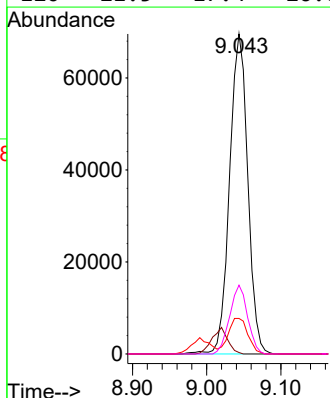
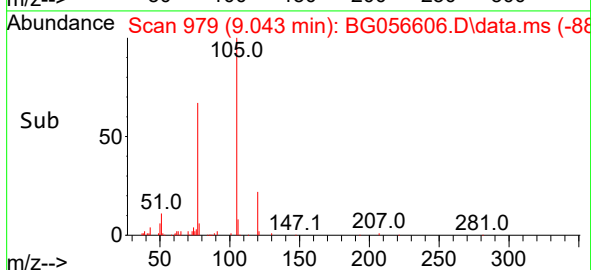


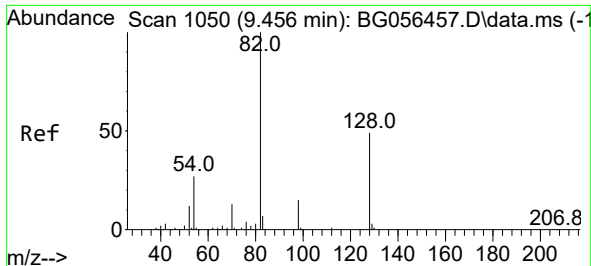
#22
Acetophenone
Concen: 46.287 ng
RT: 9.043 min Scan# 979
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:105 Resp: 118379

Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	0.8
51	11.1	9.2	13.8
120	21.5	17.4	26.0





#23
Nitrobenzene-d5
Concen: 71.863 ng
RT: 9.390 min Scan# 1038
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

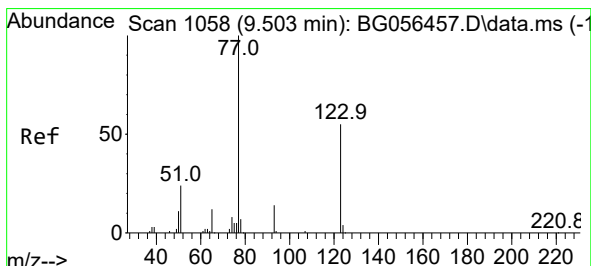
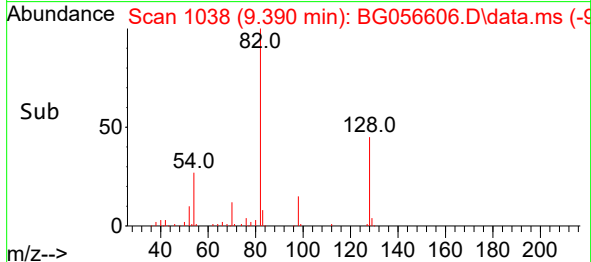
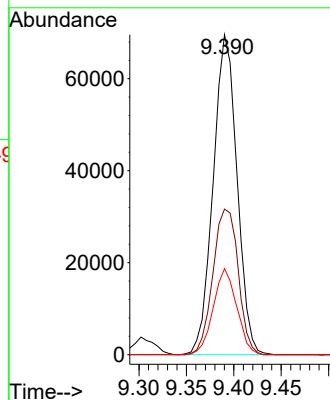
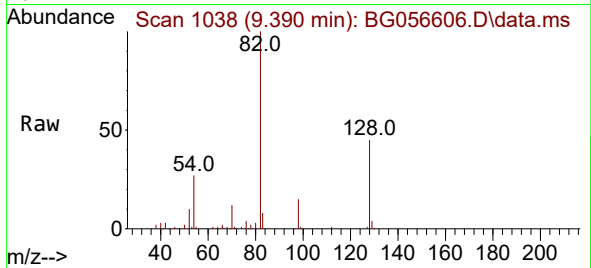
ClientSampleId :

PB150753BS

Tgt Ion: 82 Resp: 12181
Ion Ratio Lower Upper
82 100
128 45.5 39.4 59.2
54 26.9 21.4 32.2

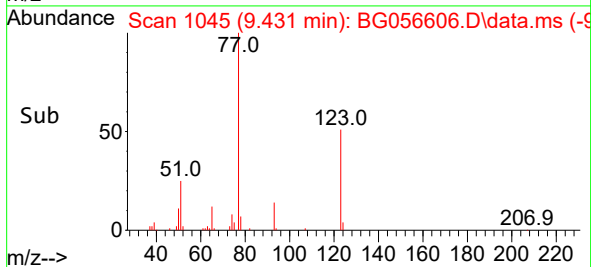
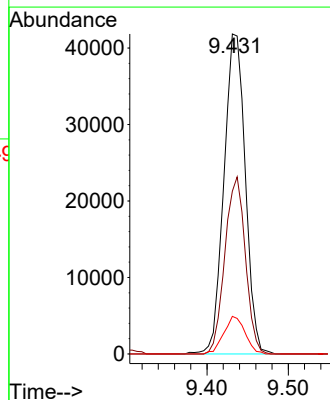
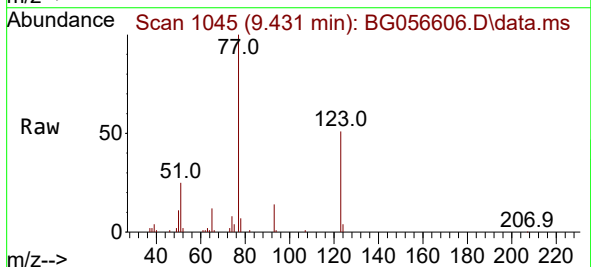
Manual Integrations
APPROVED

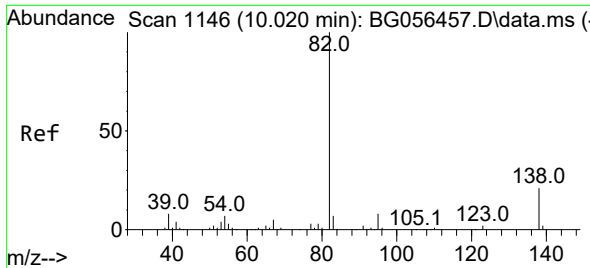
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#24
Nitrobenzene
Concen: 46.828 ng
RT: 9.431 min Scan# 1045
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion: 77 Resp: 76565
Ion Ratio Lower Upper
77 100
123 50.8 44.0 66.0
65 11.8 9.7 14.5





#25
Isophorone
Concen: 43.631 ng
RT: 9.954 min Scan# 1113
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

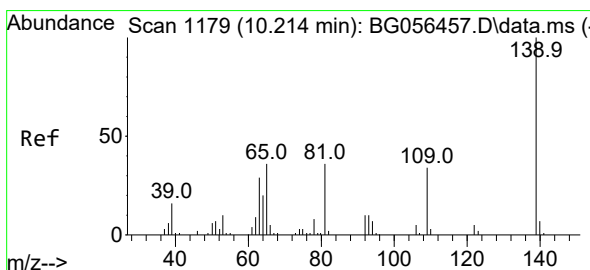
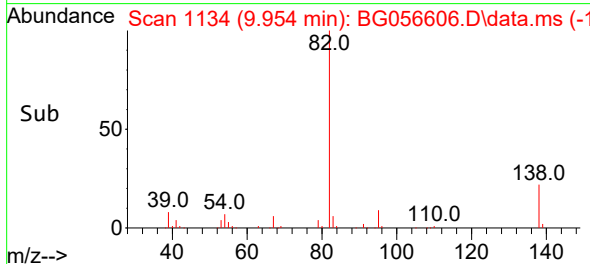
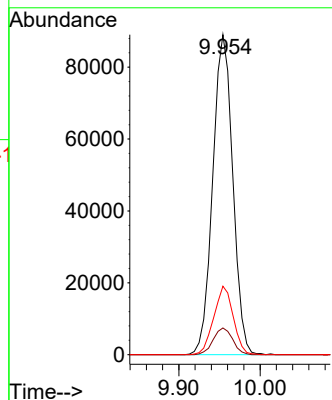
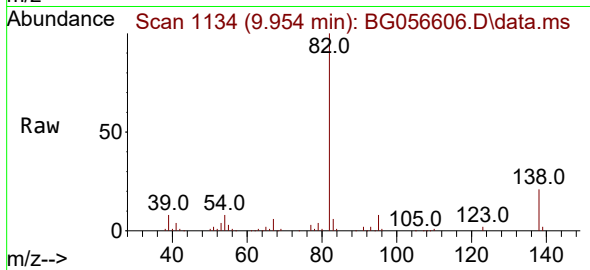
PB150753BS

Tgt Ion: 82 Resp: 15257
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 21.4 16.6 25.0

Manual Integrations

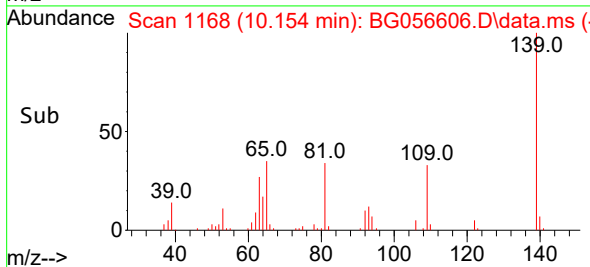
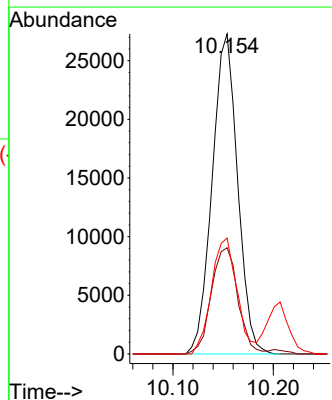
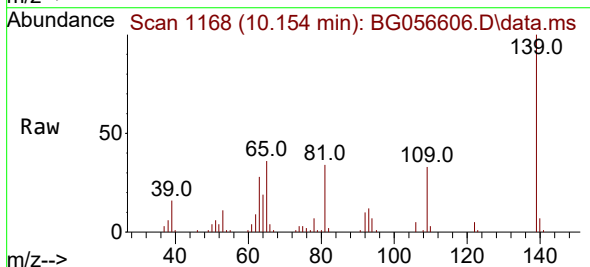
APPROVED

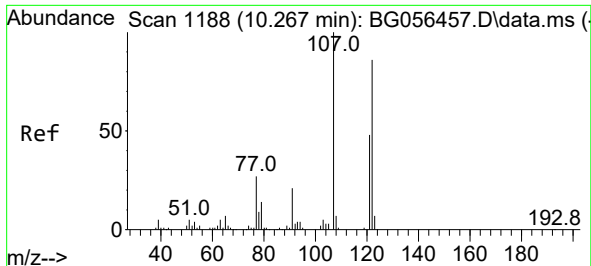
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#26
2-Nitrophenol
Concen: 48.355 ng
RT: 10.154 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

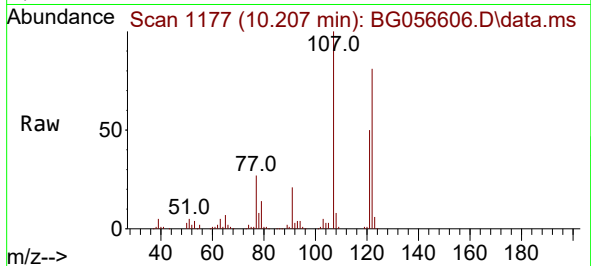
Tgt Ion:139 Resp: 47969
Ion Ratio Lower Upper
139 100
109 33.2 26.9 40.3
65 36.2 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 52.429 ng m
RT: 10.207 min Scan# 1188
Delta R.T. 0.008 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

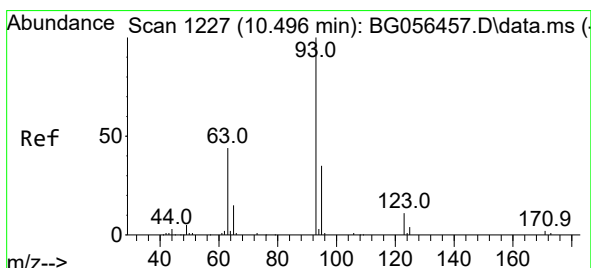
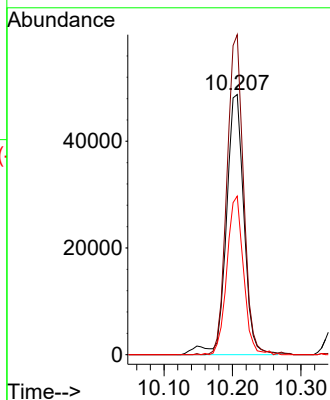
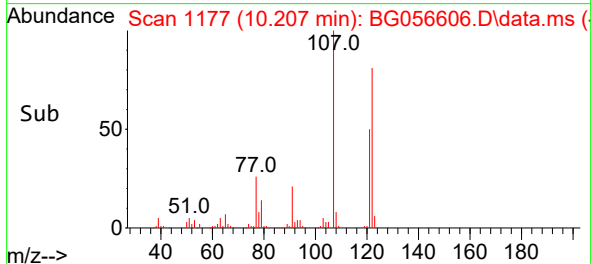
Instrument :
BNA_G
ClientSampleId :
PB150753BS



Tgt Ion:122 Resp: 87044
Ion Ratio Lower Upper
122 100
107 123.0 92.9 139.3
121 60.9 45.0 67.4

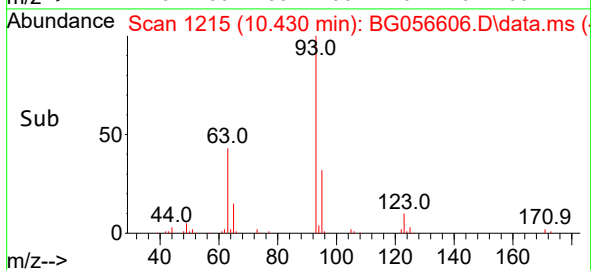
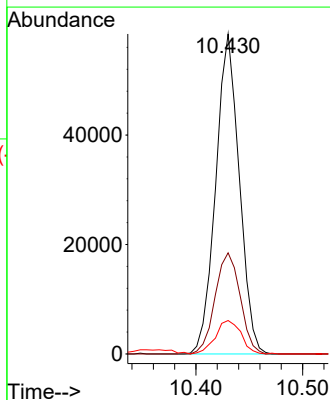
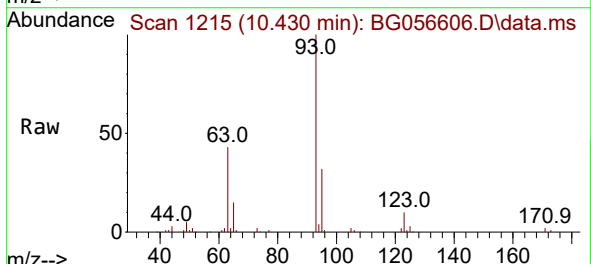
Manual Integrations
APPROVED

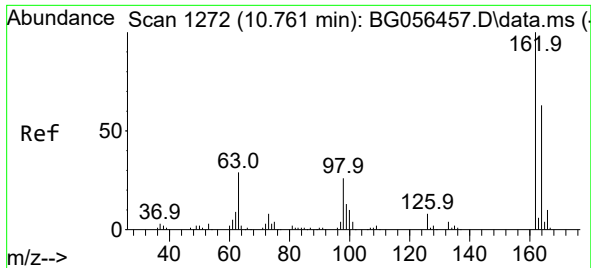
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.357 ng
RT: 10.430 min Scan# 1215
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion: 93 Resp: 89554
Ion Ratio Lower Upper
93 100
95 31.6 27.9 41.9
123 10.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 52.505 ng

RT: 10.700 min Scan# 1261

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

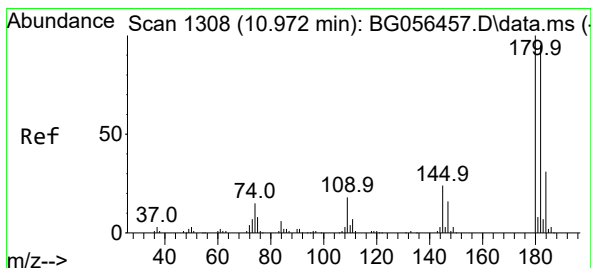
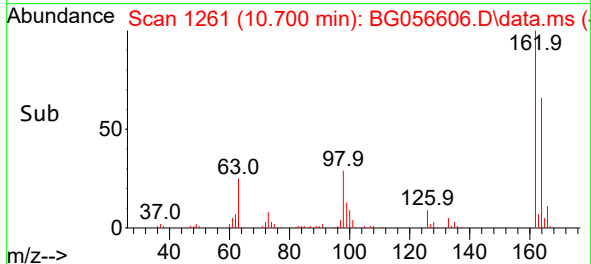
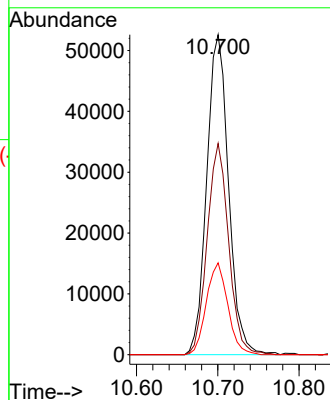
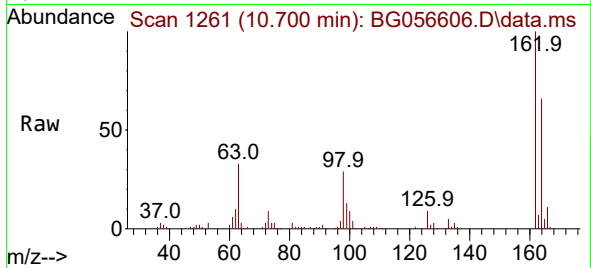
Tgt Ion:162 Resp: 98120
 Ion Ratio Lower Upper
 162 100
 164 66.0 42.8 82.8
 98 28.7 6.5 46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.252 ng

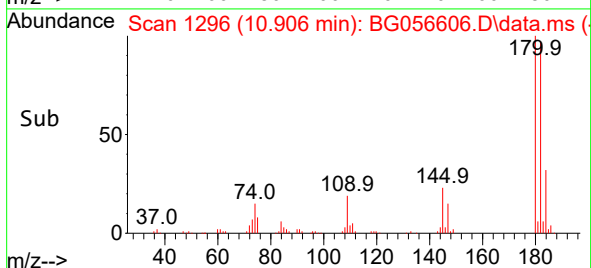
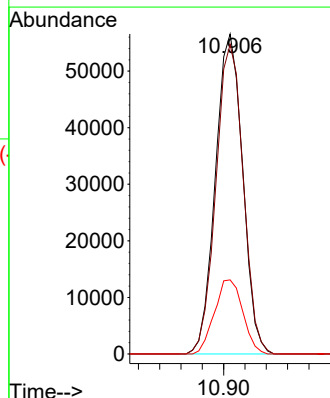
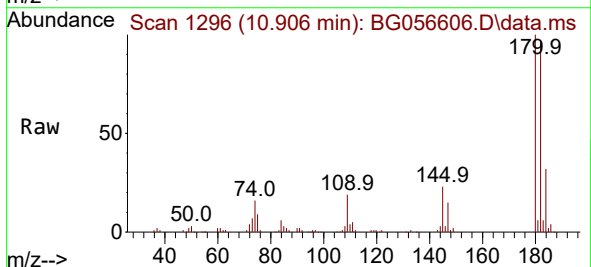
RT: 10.906 min Scan# 1296

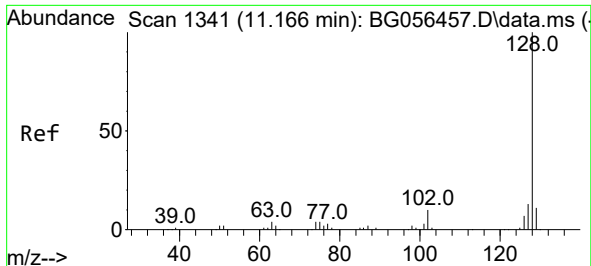
Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

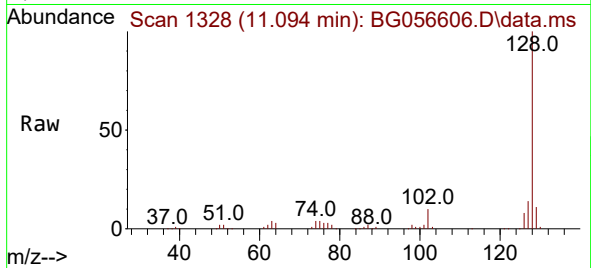
Tgt Ion:180 Resp: 100204
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.9 113.9
 145 23.1 19.4 29.0





#31
Naphthalene
Concen: 47.321 ng
RT: 11.094 min Scan# 1104
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

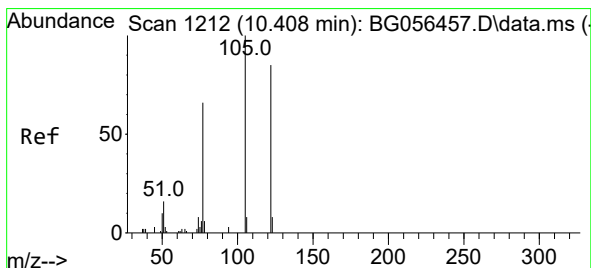
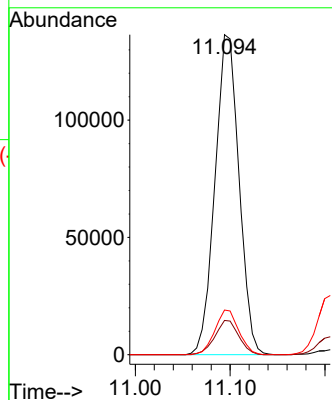
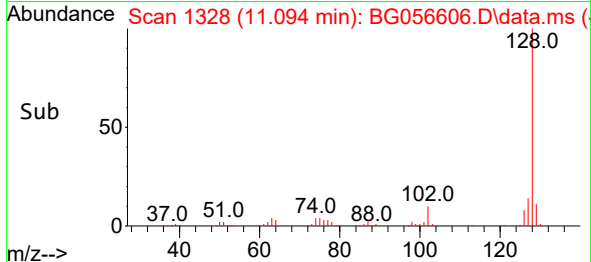
Instrument :
BNA_G
ClientSampleId :
PB150753BS



Tgt Ion:128 Resp: 24041
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 14.0 10.4 15.6

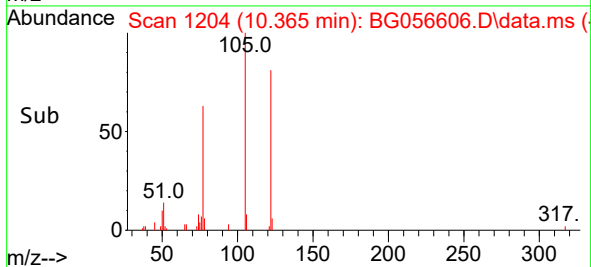
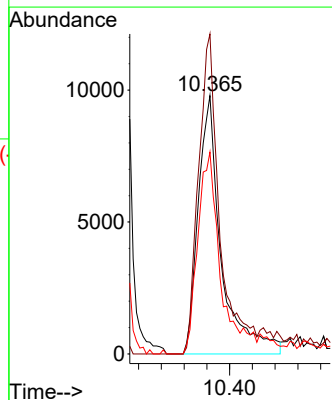
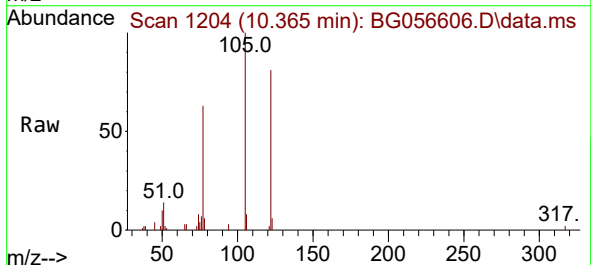
Manual Integrations
APPROVED

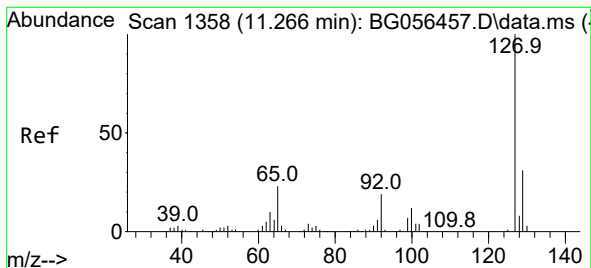
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#32
Benzoic acid
Concen: 29.697 ng
RT: 10.365 min Scan# 1204
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:122 Resp: 27584
Ion Ratio Lower Upper
122 100
105 123.8 96.5 136.5
77 78.1 57.3 97.3





#33
4-Chloroaniline
Concen: 27.373 ng
RT: 11.211 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

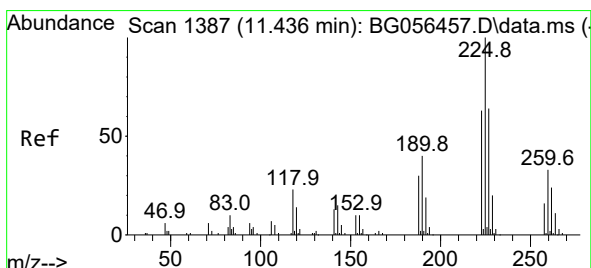
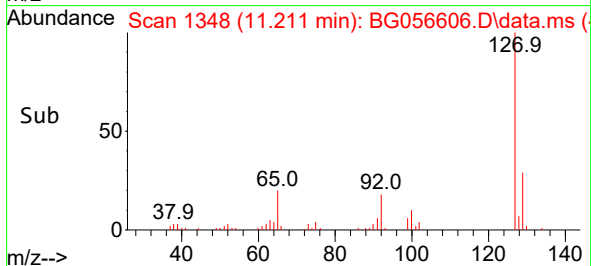
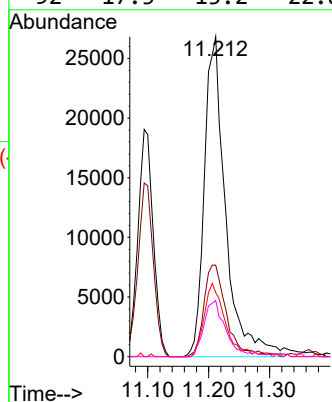
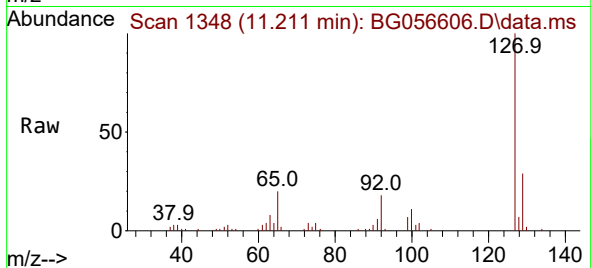
PB150753BS

Tgt Ion:127 Resp: 6491
Ion Ratio Lower Upper
127 100
129 28.6 25.0 37.6
65 20.1 18.5 27.7
92 17.5 15.2 22.8

Manual Integrations

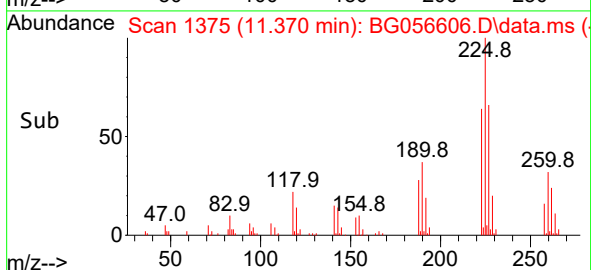
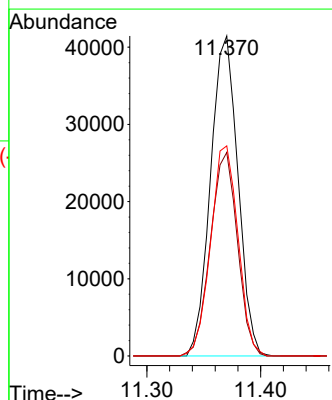
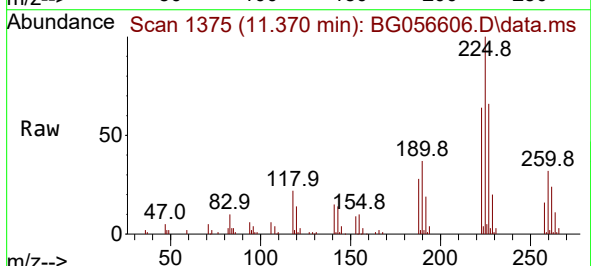
APPROVED

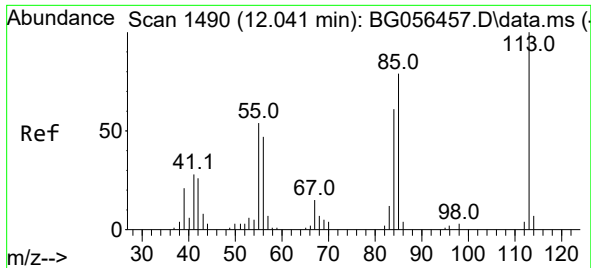
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#34
Hexachlorobutadiene
Concen: 47.556 ng
RT: 11.370 min Scan# 1375
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:225 Resp: 69323
Ion Ratio Lower Upper
225 100
223 60.8 50.6 75.8
227 65.5 53.7 80.5





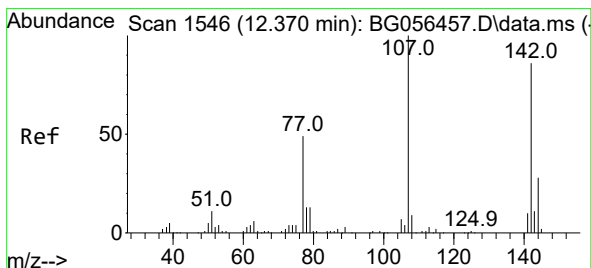
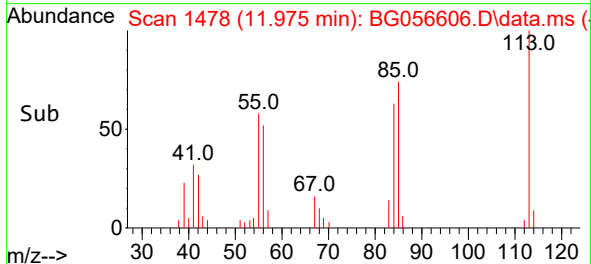
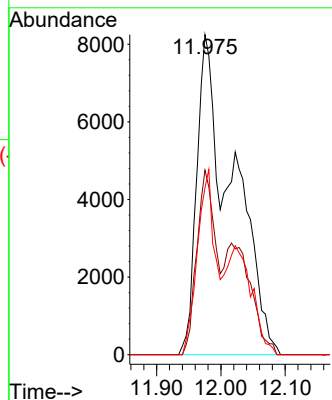
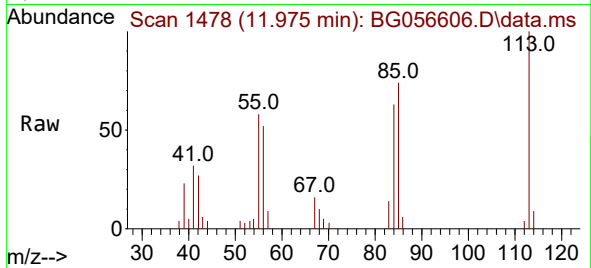
#35
Caprolactam
Concen: 50.497 ng m
RT: 11.975 min Scan# 1490
Delta R.T. -0.010 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Tgt Ion:113 Resp: 31820
Ion Ratio Lower Upper
113 100
55 57.6 33.7 73.7
56 52.2 27.1 67.1

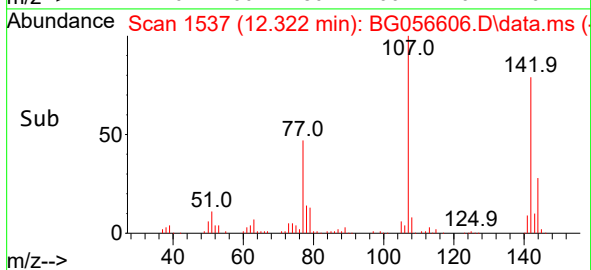
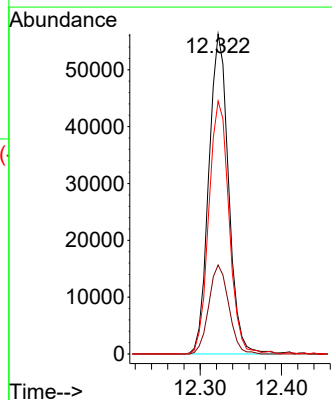
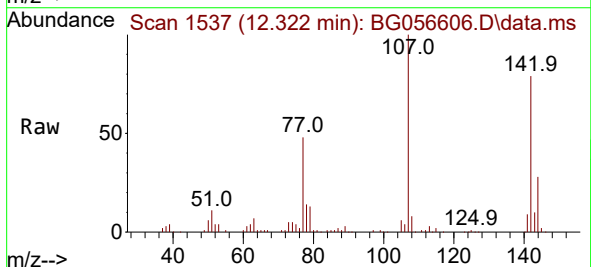
Manual Integrations
APPROVED

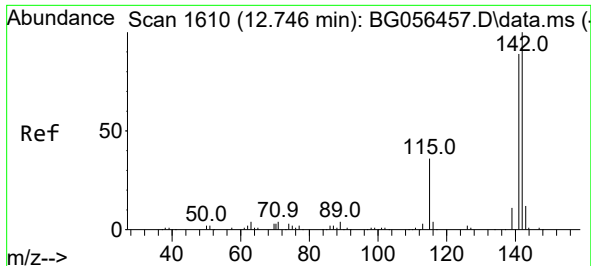
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#36
4-Chloro-3-methylphenol
Concen: 52.603 ng
RT: 12.322 min Scan# 1537
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:107 Resp: 94934
Ion Ratio Lower Upper
107 100
144 27.8 22.3 33.5
142 79.0 68.9 103.3





#37

2-Methylnaphthalene

Concen: 45.427 ng

RT: 12.686 min Scan# 1599

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:142 Resp: 190260

Ion Ratio Lower Upper

142 100

141 92.9 71.4 107.0

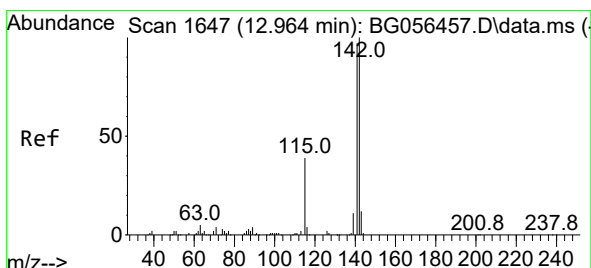
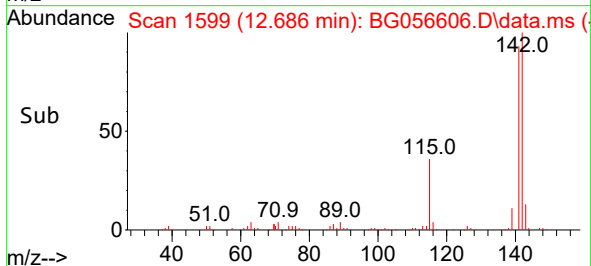
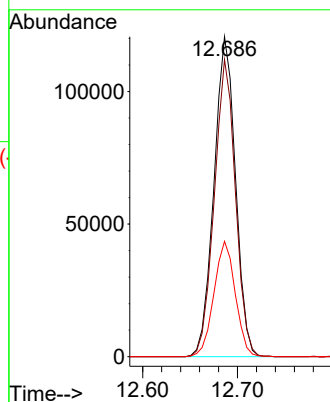
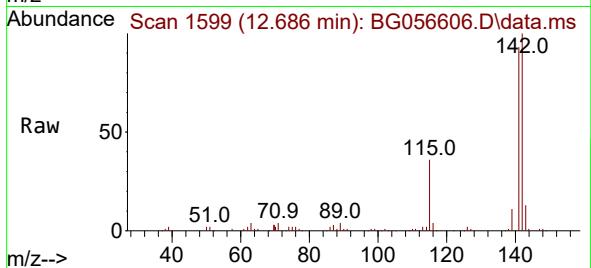
115 36.0 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#38

1-Methylnaphthalene

Concen: 45.744 ng

RT: 12.904 min Scan# 1636

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

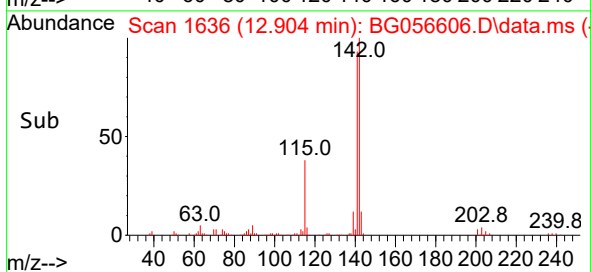
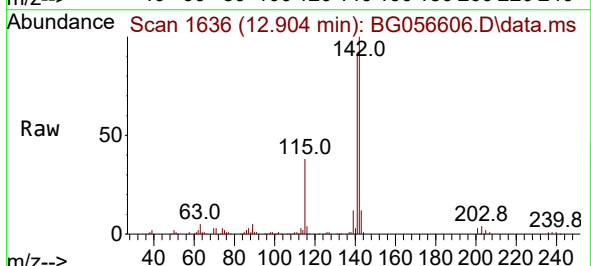
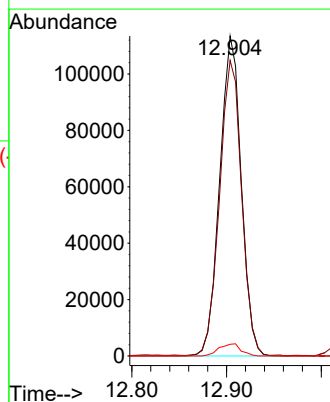
Tgt Ion:142 Resp: 178933

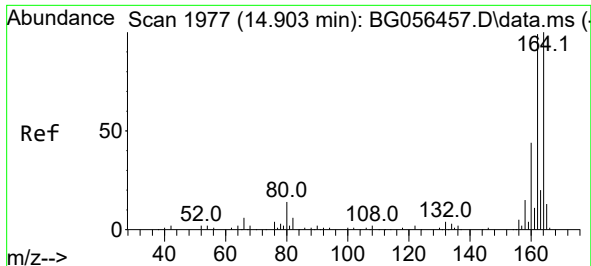
Ion Ratio Lower Upper

142 100

141 92.4 77.7 116.5

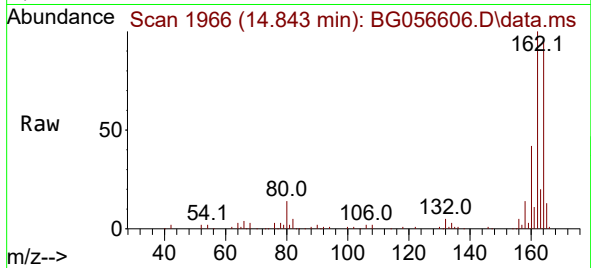
116 3.7 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.843 min Scan# 1977
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

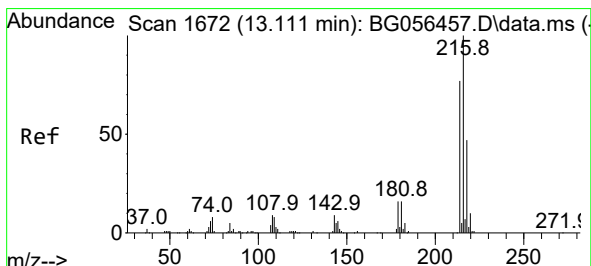
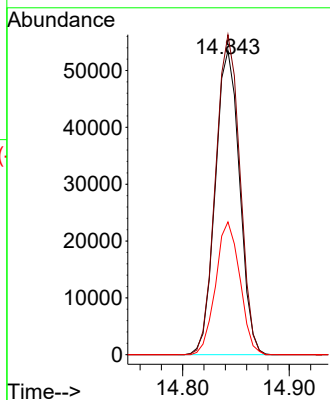
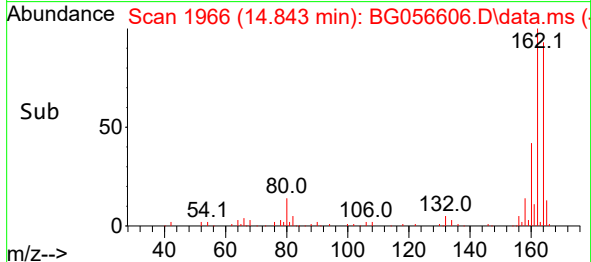
Instrument :
BNA_G
ClientSampleId :
PB150753BS



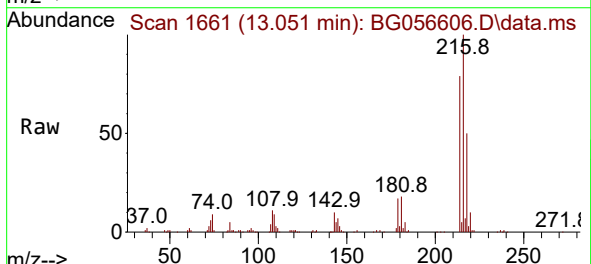
Tgt Ion:164 Resp: 8454
Ion Ratio Lower Upper
164 100
162 105.2 79.6 119.4
160 43.7 34.9 52.3

Manual Integrations
APPROVED

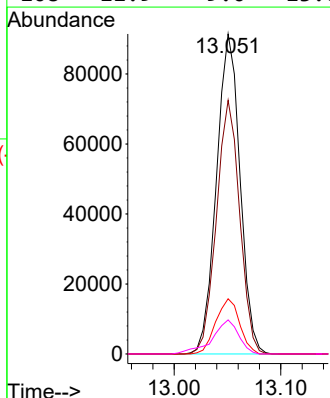
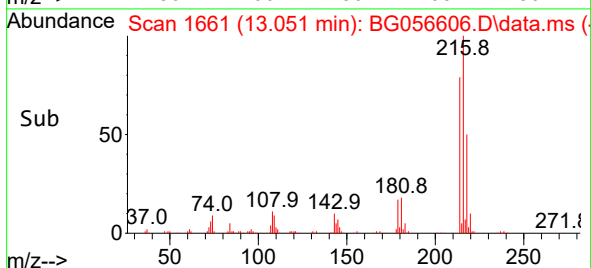
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

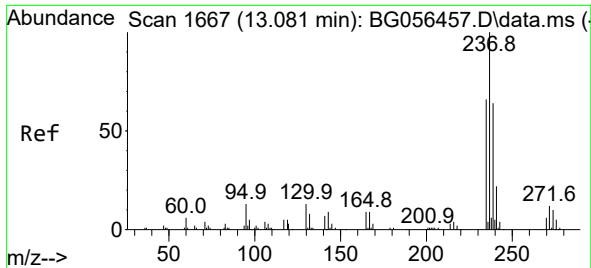


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.388 ng
RT: 13.051 min Scan# 1661
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:216 Resp: 140187
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 17.5 14.1 21.1
108 11.9 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 61.015 ng
RT: 13.021 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

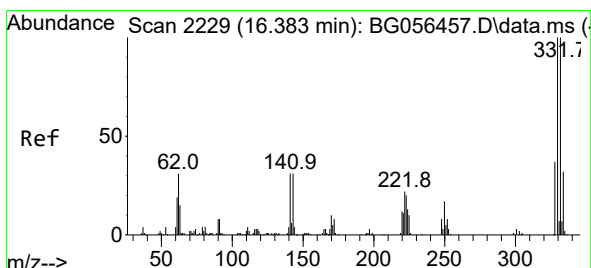
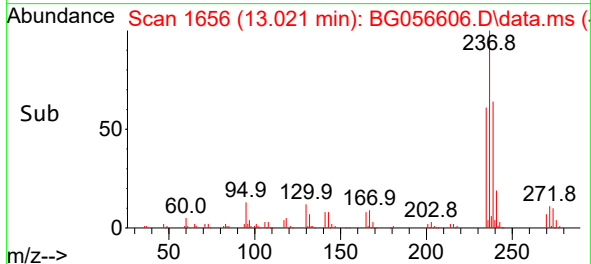
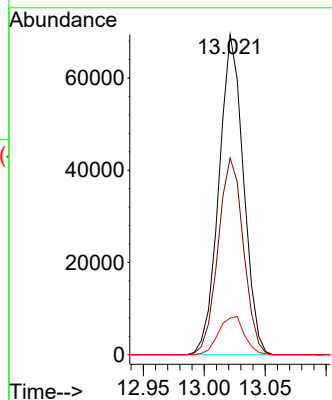
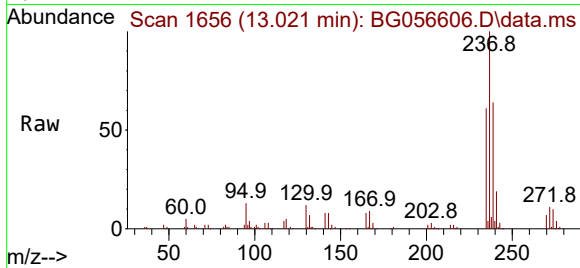
PB150753BS

Tgt Ion:237 Resp: 97210
Ion Ratio Lower Upper
237 100
235 61.5 45.6 85.6
272 11.4 0.0 32.3

Manual Integrations

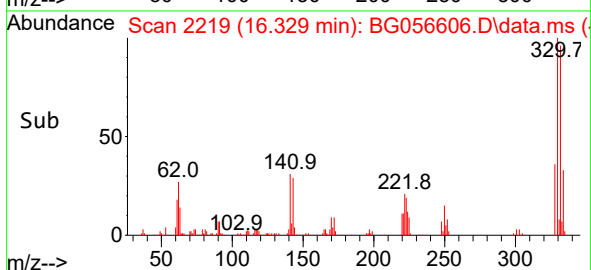
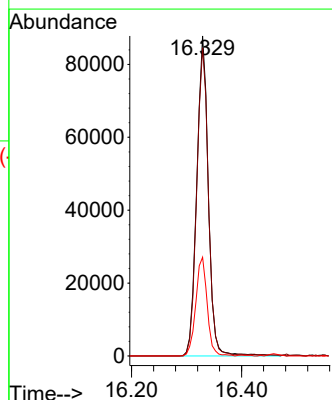
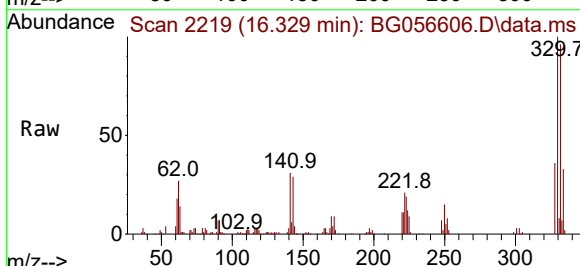
APPROVED

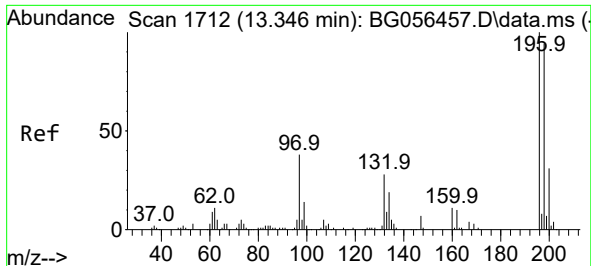
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#42
2,4,6-Tribromophenol
Concen: 113.893 ng
RT: 16.329 min Scan# 2219
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:330 Resp: 128010
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.6
141 30.3 24.2 36.4





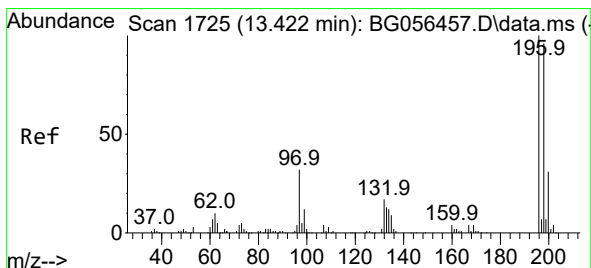
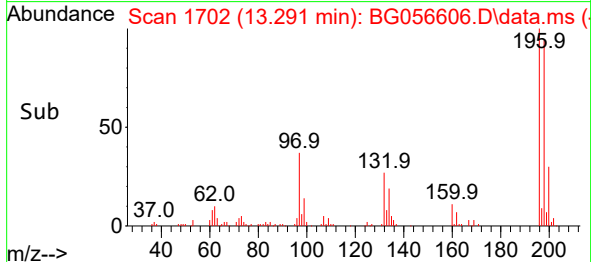
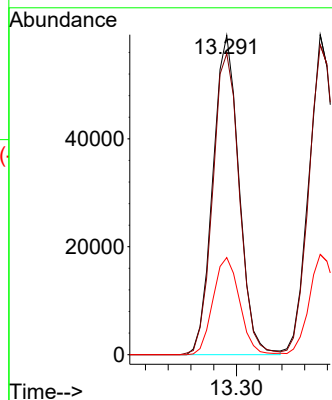
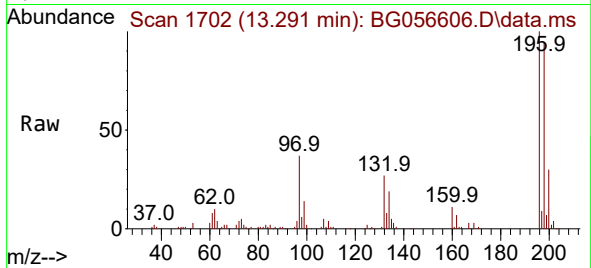
#43
2,4,6-Trichlorophenol
Concen: 47.415 ng
RT: 13.291 min Scan# 1710
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Tgt Ion:196 Resp: 94374
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.0
200 30.4 25.0 37.6

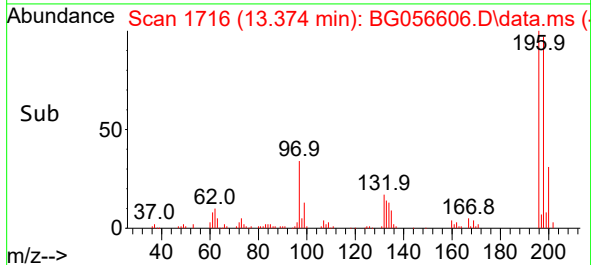
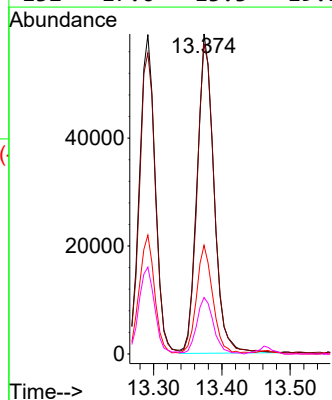
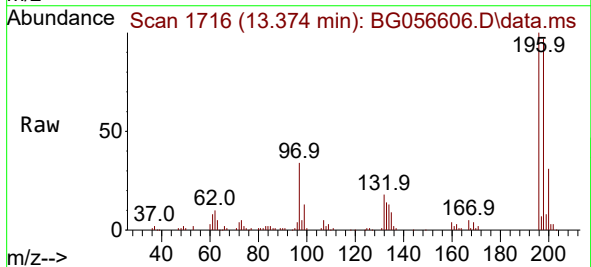
Manual Integrations
APPROVED

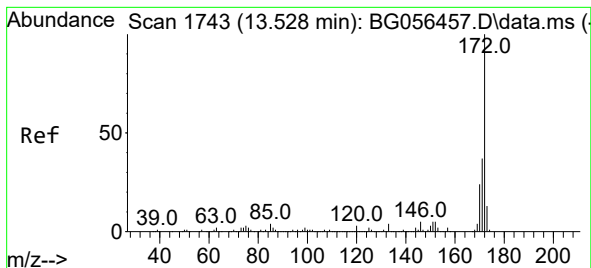
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#44
2,4,5-Trichlorophenol
Concen: 43.450 ng
RT: 13.374 min Scan# 1716
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

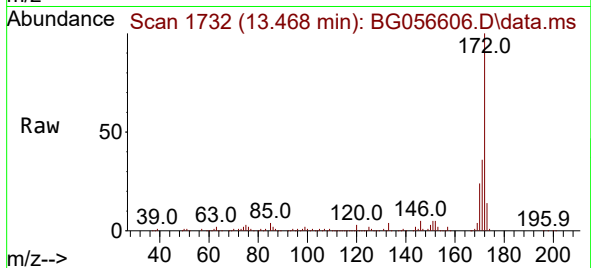
Tgt Ion:196 Resp: 101256
Ion Ratio Lower Upper
196 100
198 96.8 76.9 115.3
97 33.9 25.8 38.6
132 17.6 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 70.289 ng
RT: 13.468 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

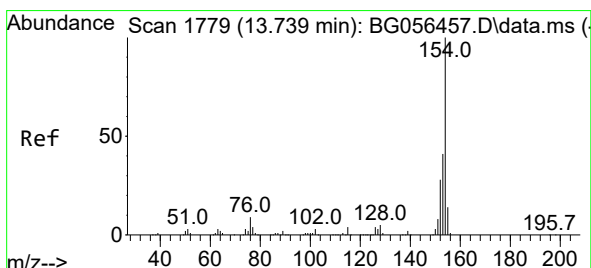
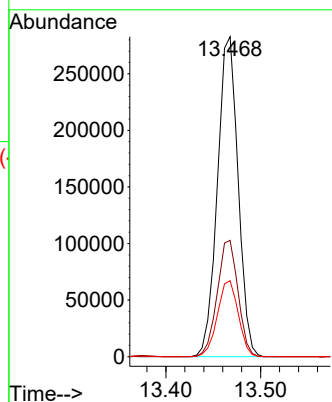
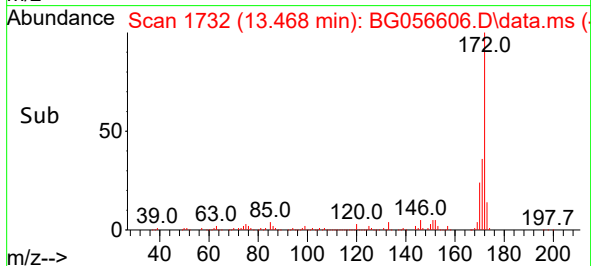
Instrument :
BNA_G
ClientSampleId :
PB150753BS



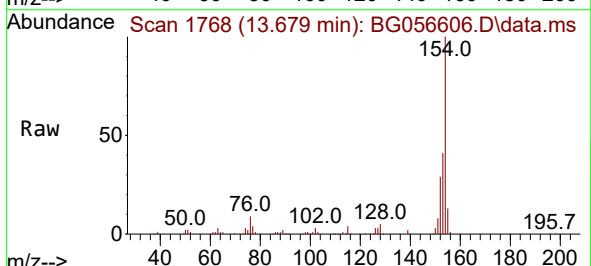
Tgt Ion:172 Resp: 42861
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 23.8 19.2 28.8

Manual Integrations
APPROVED

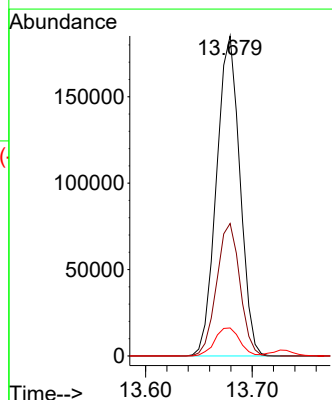
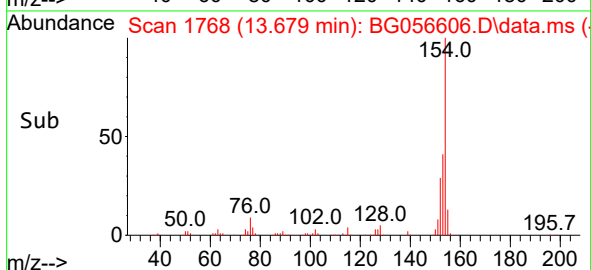
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

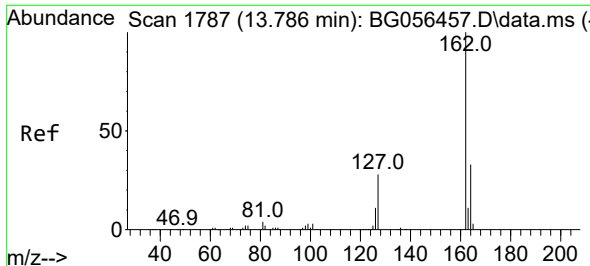


#46
1,1'-Biphenyl
Concen: 45.984 ng
RT: 13.679 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:154 Resp: 281975
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 8.7 0.0 28.8





#47
2-Chloronaphthalene
Concen: 47.415 ng
RT: 13.732 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

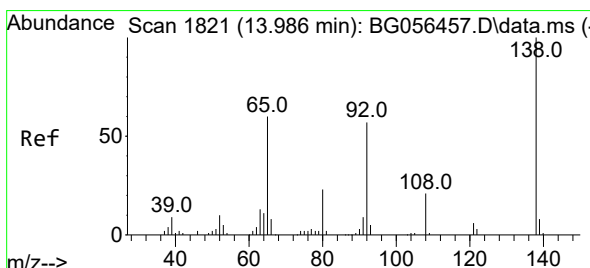
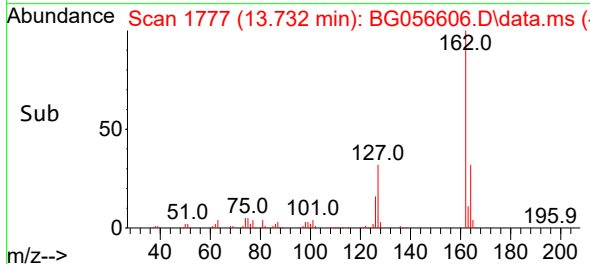
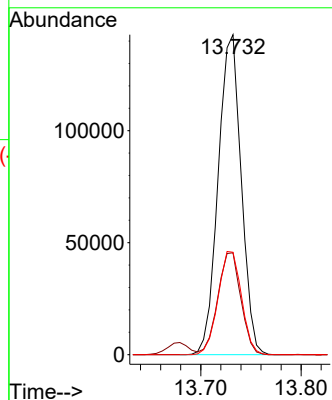
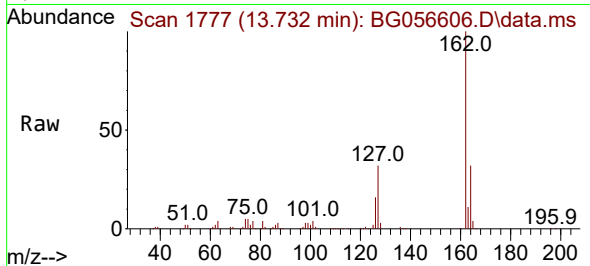
PB150753BS

Tgt Ion:162 Resp: 227264
Ion Ratio Lower Upper
162 100
127 31.9 25.2 37.8
164 32.0 26.2 39.2

Manual Integrations

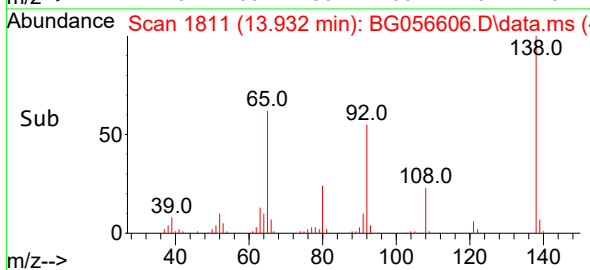
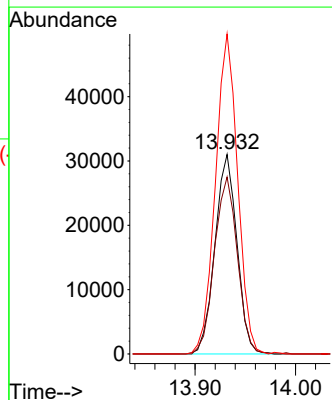
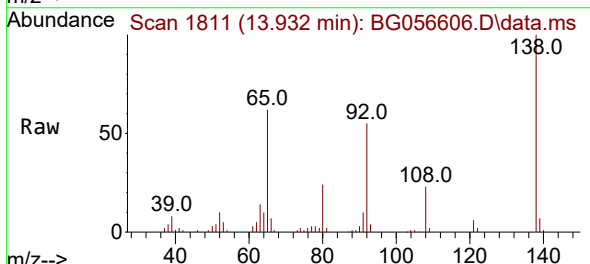
APPROVED

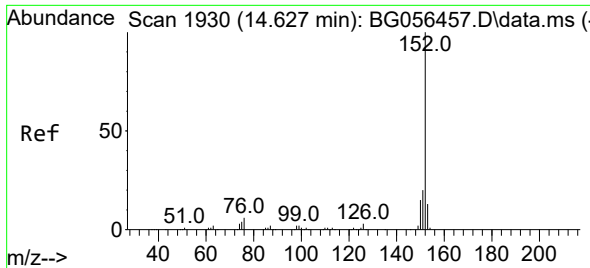
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#48
2-Nitroaniline
Concen: 47.614 ng
RT: 13.932 min Scan# 1811
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion: 65 Resp: 47178
Ion Ratio Lower Upper
65 100
92 88.7 75.8 113.6
138 160.3 133.2 199.8





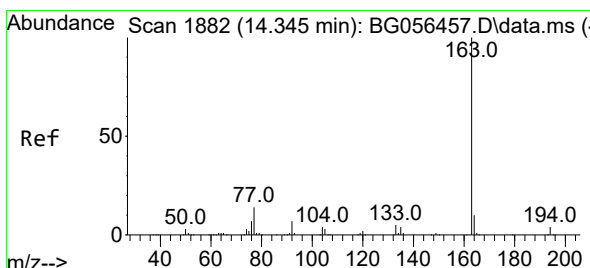
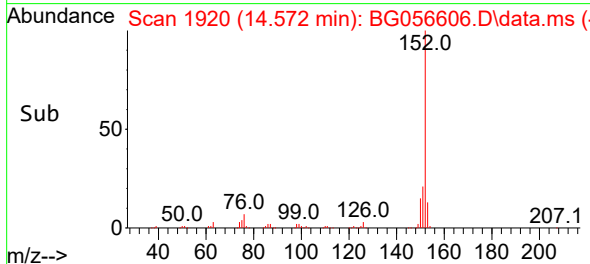
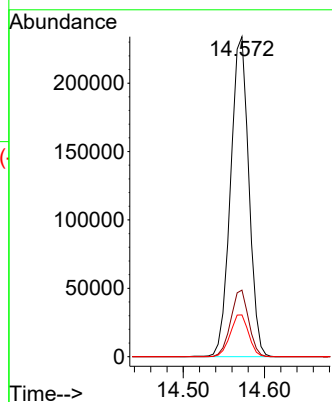
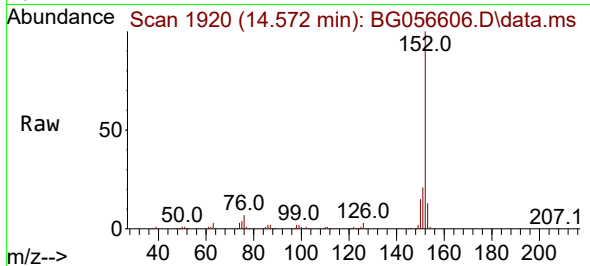
#49
Acenaphthylene
Concen: 46.750 ng
RT: 14.572 min Scan# 1930
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Tgt Ion:152 Resp: 36456
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.1 10.5 15.7

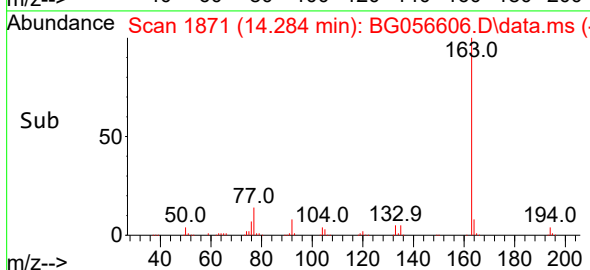
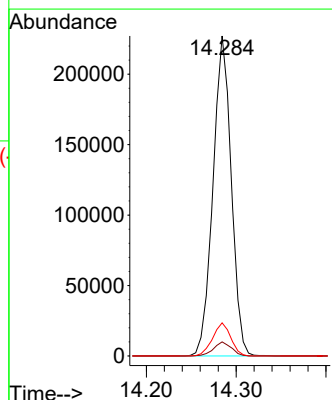
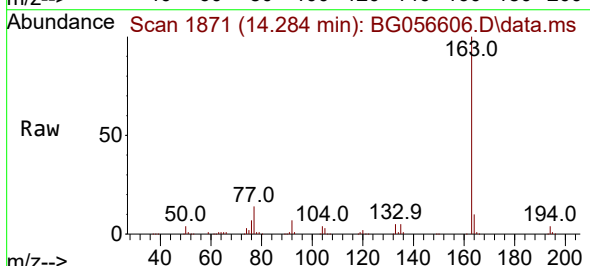
Manual Integrations
APPROVED

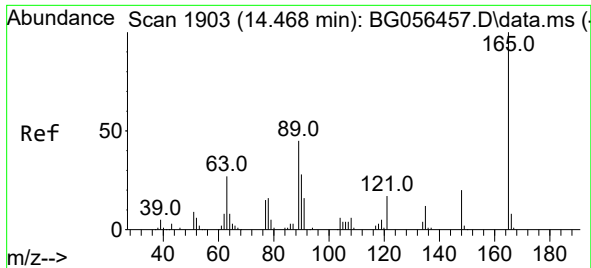
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#50
Dimethylphthalate
Concen: 46.913 ng
RT: 14.284 min Scan# 1871
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:163 Resp: 320872
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.080 ng
RT: 14.414 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

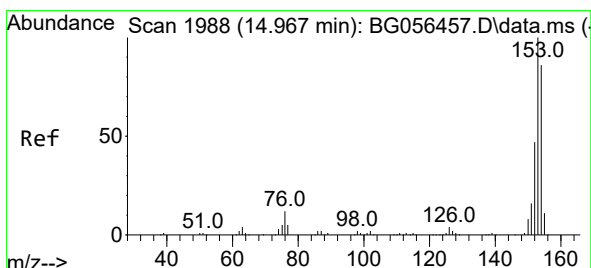
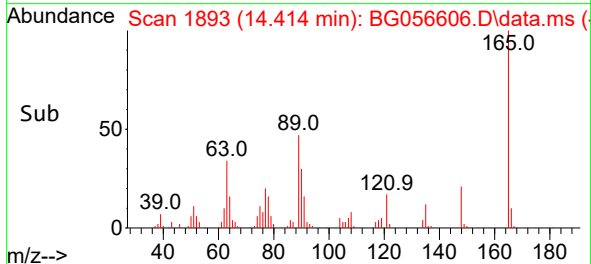
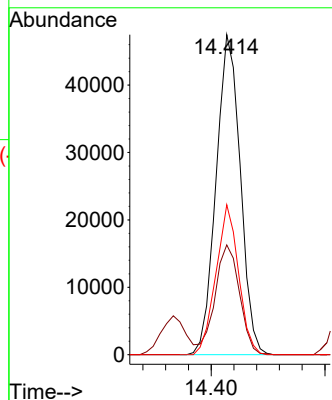
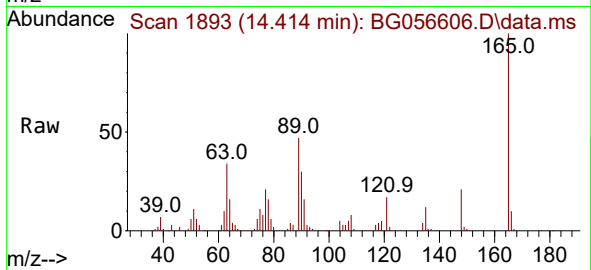
PB150753BS

Tgt Ion:165 Resp: 70225
Ion Ratio Lower Upper
165 100
63 34.3 26.9 40.3
89 46.9 35.6 53.4

Manual Integrations

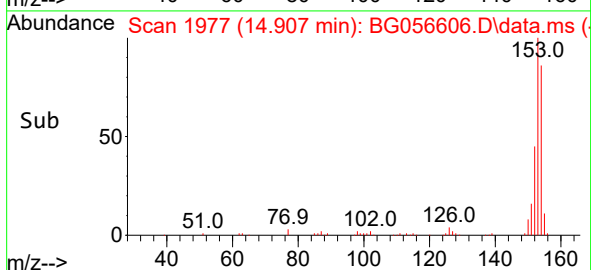
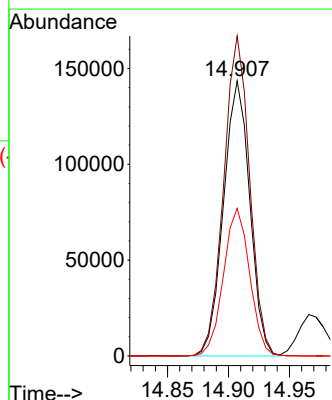
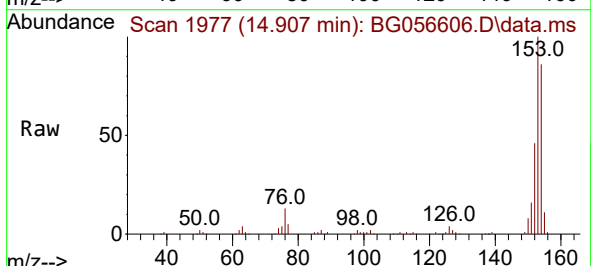
APPROVED

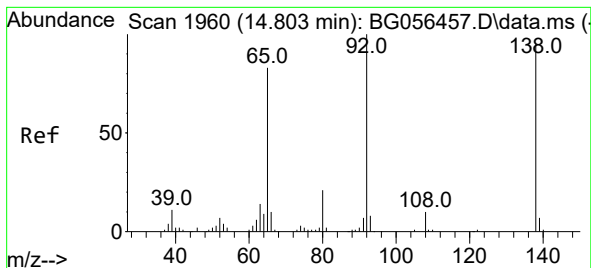
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#52
Acenaphthene
Concen: 46.575 ng
RT: 14.907 min Scan# 1977
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:154 Resp: 215382
Ion Ratio Lower Upper
154 100
153 116.4 93.4 140.0
152 53.6 43.4 65.2





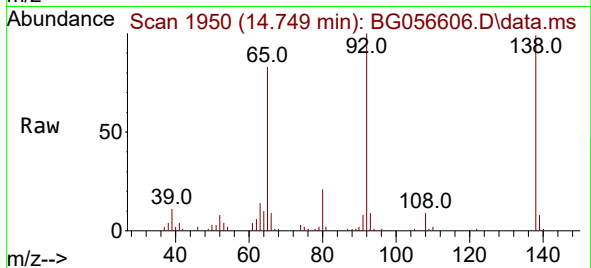
#53
3-Nitroaniline
Concen: 34.021 ng
RT: 14.749 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

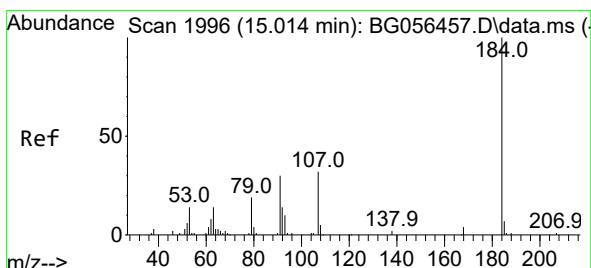
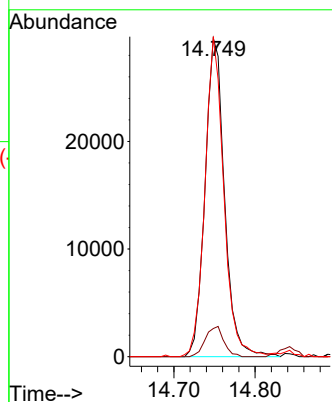
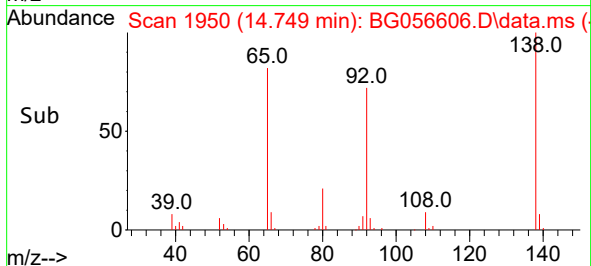


Tgt Ion:138 Resp: 49190
Ion Ratio Lower Upper
138 100
108 8.8 8.0 12.0
92 100.5 84.1 126.1

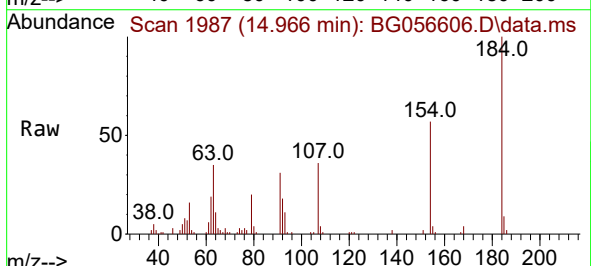
Manual Integrations

APPROVED

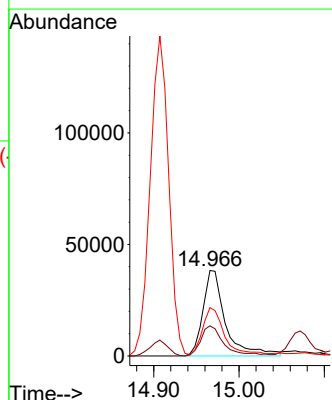
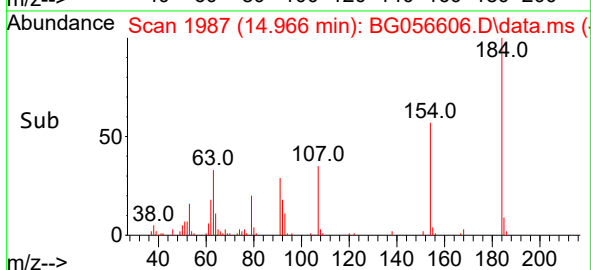
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

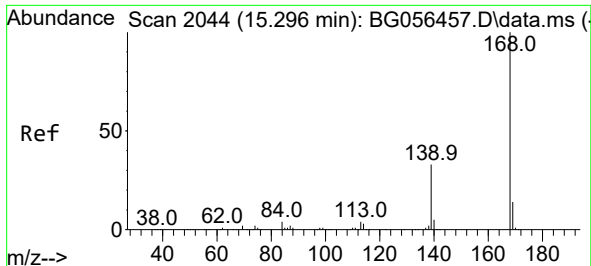


#54
2,4-Dinitrophenol
Concen: 75.461 ng
RT: 14.966 min Scan# 1987
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:184 Resp: 70564
Ion Ratio Lower Upper
184 100
63 35.3 25.1 37.7
154 56.5 44.8 67.2





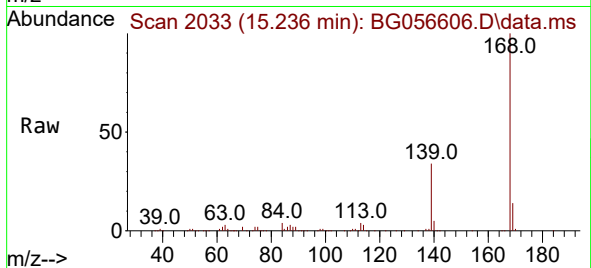
#55
Dibenzofuran
Concen: 46.652 ng
RT: 15.236 min Scan# 2044
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

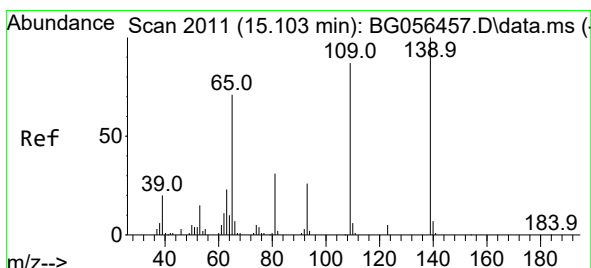
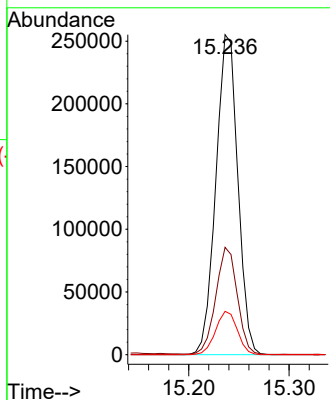
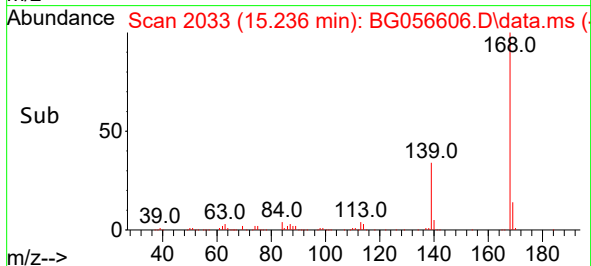


Tgt Ion:168 Resp: 38690
Ion Ratio Lower Upper
168 100
139 33.6 26.2 39.2
169 13.6 11.0 16.6

Manual Integrations

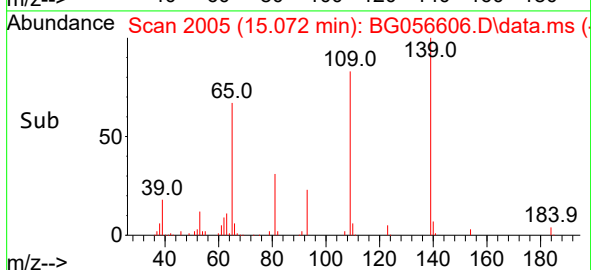
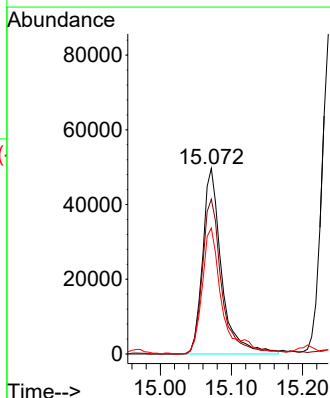
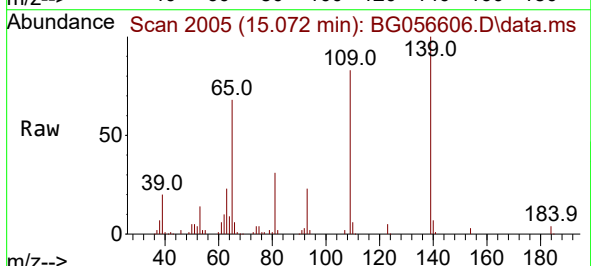
APPROVED

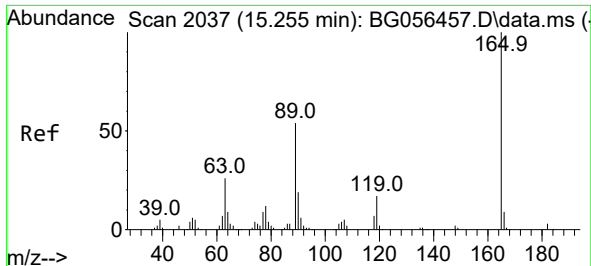
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#56
4-Nitrophenol
Concen: 93.023 ng
RT: 15.072 min Scan# 2005
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:139 Resp: 91915
Ion Ratio Lower Upper
139 100
109 83.4 67.5 107.5
65 67.8 50.7 90.7





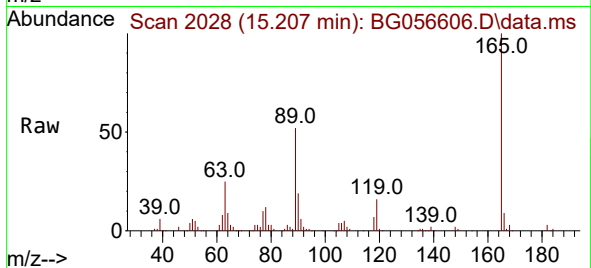
#57
2,4-Dinitrotoluene
Concen: 49.171 ng
RT: 15.207 min Scan# 2037
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

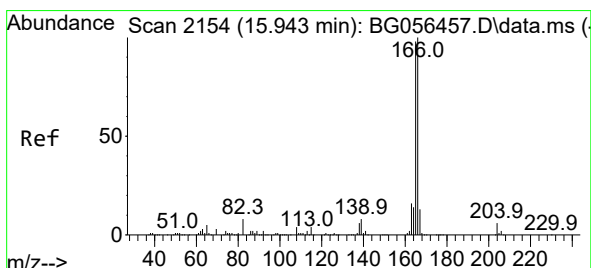
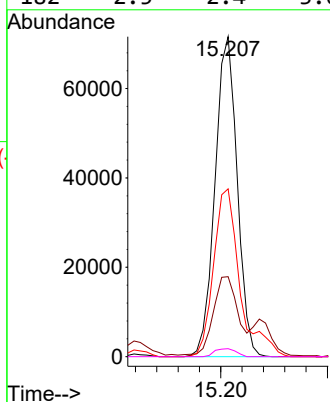
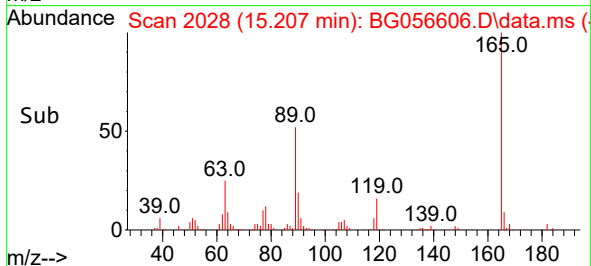


Tgt Ion:165 Resp: 103310
Ion Ratio Lower Upper
165 100
63 25.0 20.6 31.0
89 52.4 43.1 64.7
182 2.5 2.4 3.6

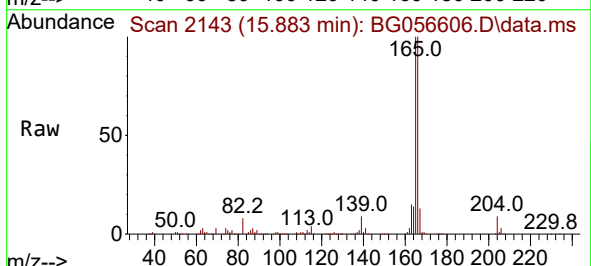
Manual Integrations

APPROVED

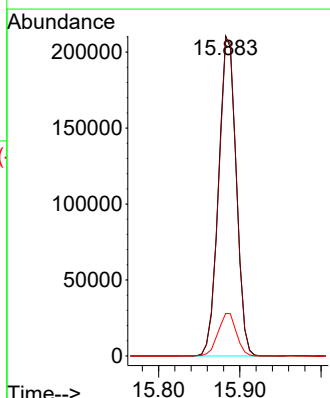
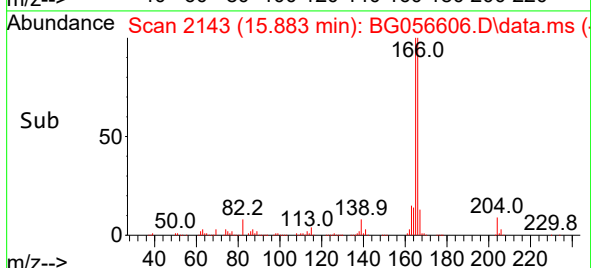
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

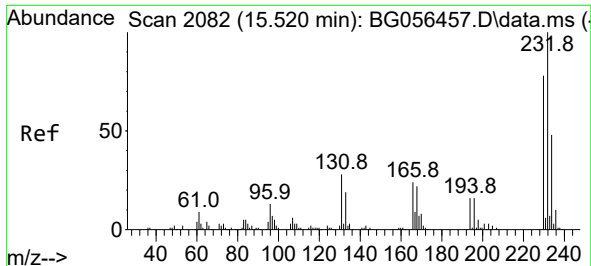


#58
Fluorene
Concen: 48.111 ng
RT: 15.883 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:166 Resp: 317488
Ion Ratio Lower Upper
166 100
165 99.6 78.8 118.2
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.265 ng
RT: 15.471 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

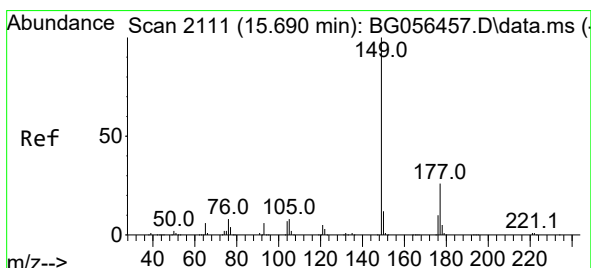
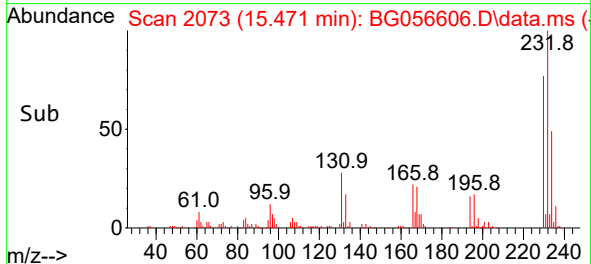
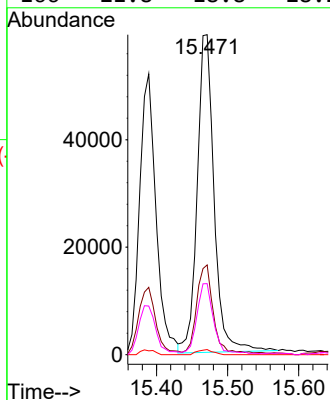
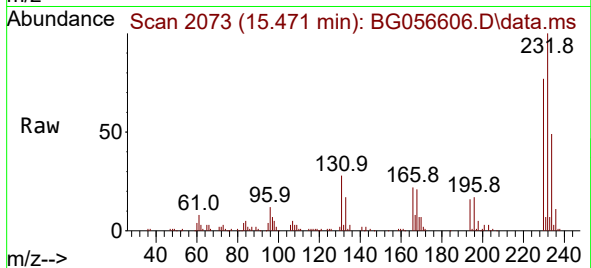
PB150753BS

Tgt Ion:232 Resp: 97934
Ion Ratio Lower Upper
232 100
131 27.2 22.8 34.2
130 1.5 1.4 2.0
166 21.8 18.8 28.2

Manual Integrations

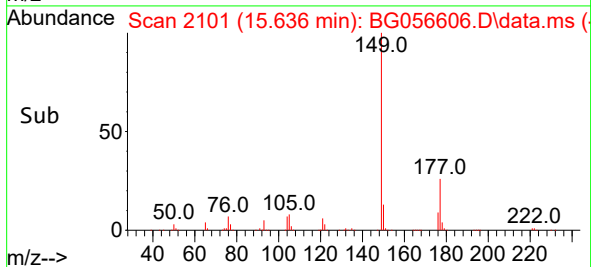
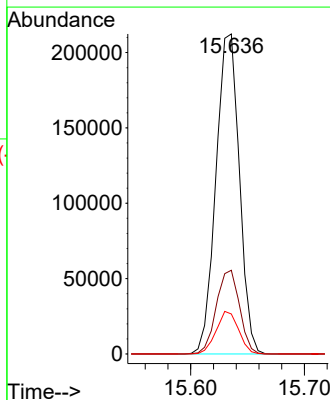
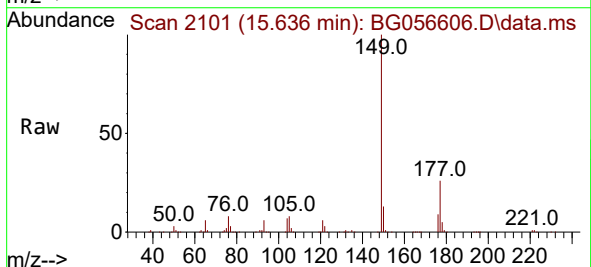
APPROVED

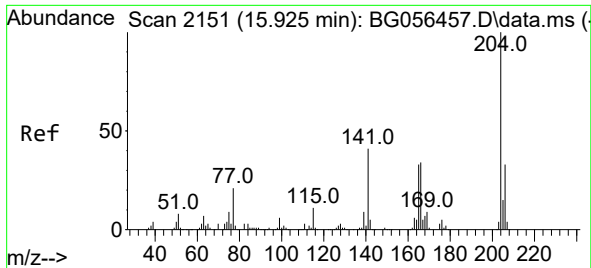
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#60
Diethylphthalate
Concen: 47.324 ng
RT: 15.636 min Scan# 2101
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

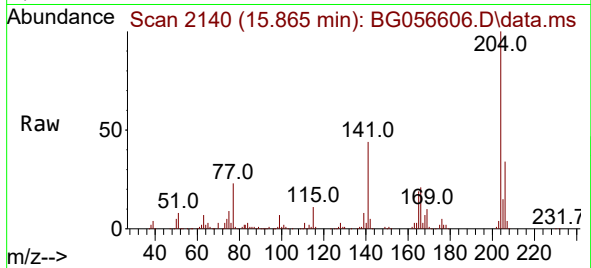
Tgt Ion:149 Resp: 303947
Ion Ratio Lower Upper
149 100
177 26.1 21.0 31.4
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.851 ng
RT: 15.865 min Scan# 2140
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

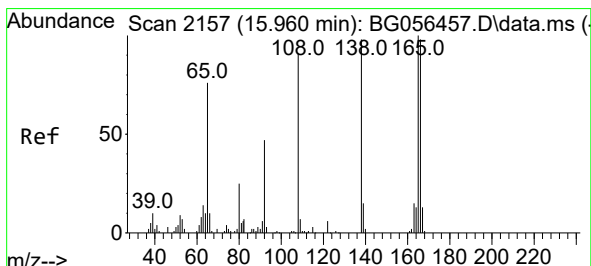
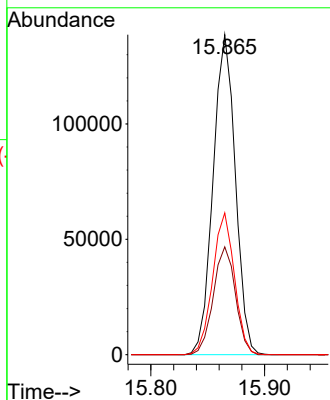
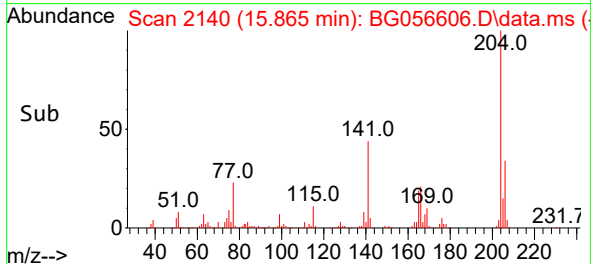
Instrument :
BNA_G
ClientSampleId :
PB150753BS



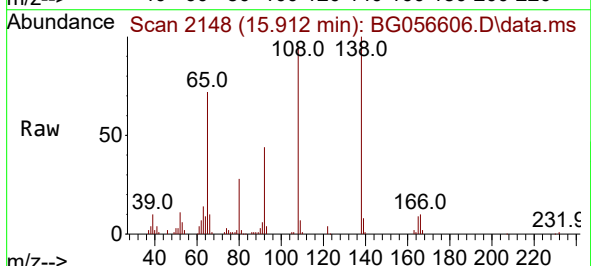
Tgt Ion:204 Resp: 188658
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.4
141 44.3 32.7 49.1

Manual Integrations
APPROVED

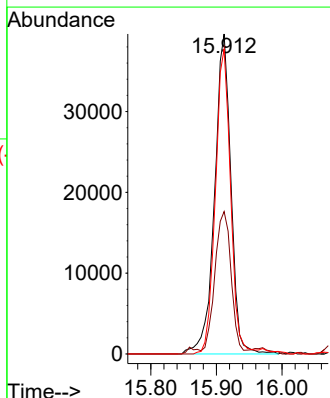
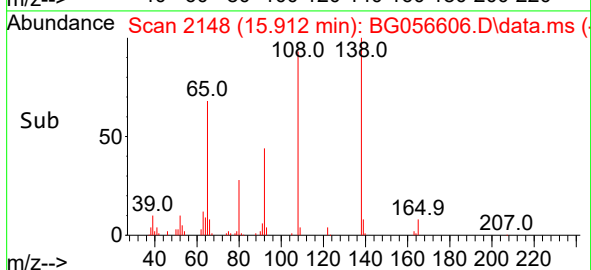
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

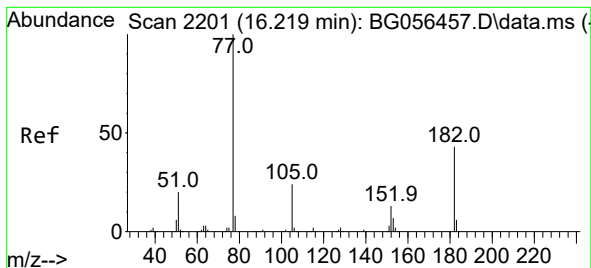


#62
4-Nitroaniline
Concen: 47.224 ng
RT: 15.912 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:138 Resp: 68332
Ion Ratio Lower Upper
138 100
92 44.5 27.8 67.8
108 95.3 72.6 112.6





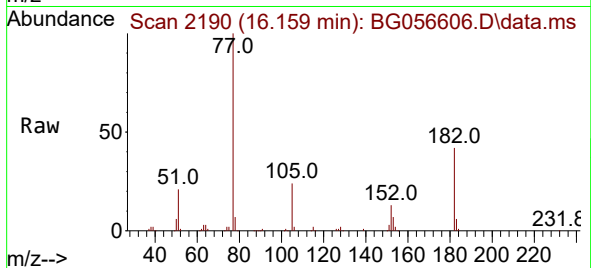
#63
Azobenzene
Concen: 47.259 ng
RT: 16.159 min Scan# 2190
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

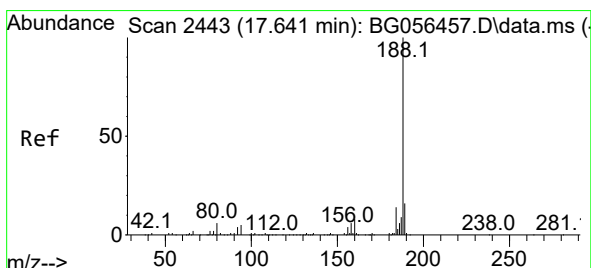
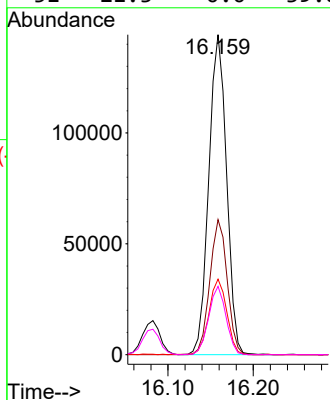
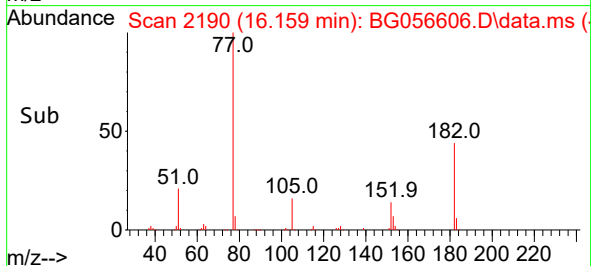


Tgt Ion: 77 Resp: 20885
Ion Ratio Lower Upper
77 100
182 42.2 23.1 63.1
105 23.6 4.2 44.2
51 21.3 0.0 39.8

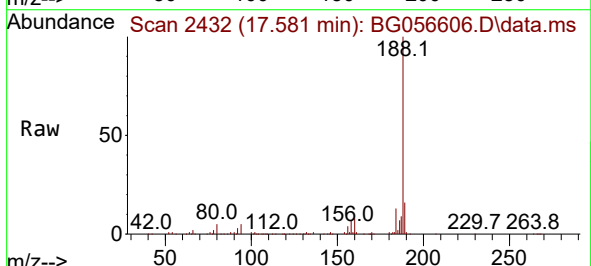
Manual Integrations

APPROVED

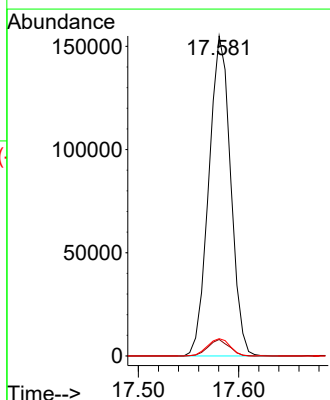
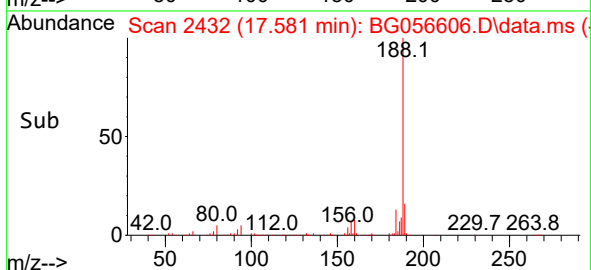
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

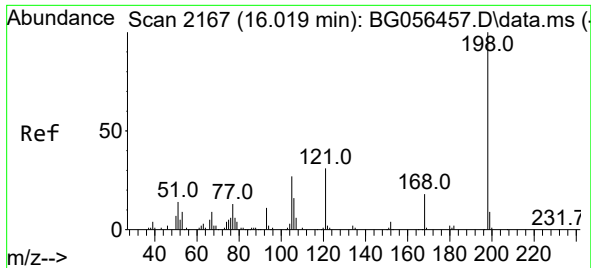


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.581 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:188 Resp: 234372
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.4 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 38.818 ng
RT: 15.971 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

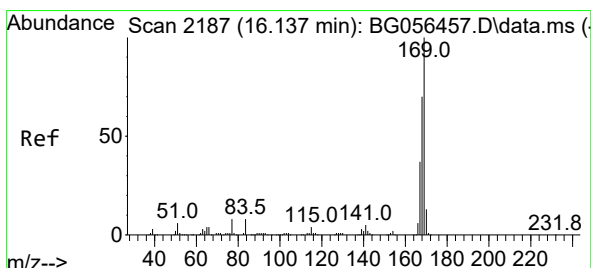
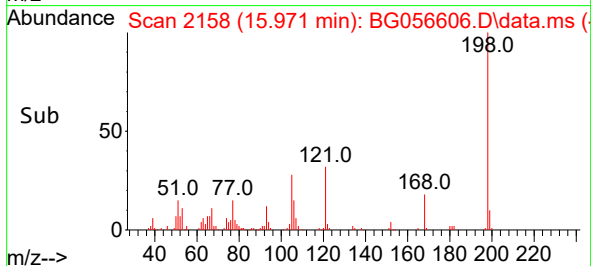
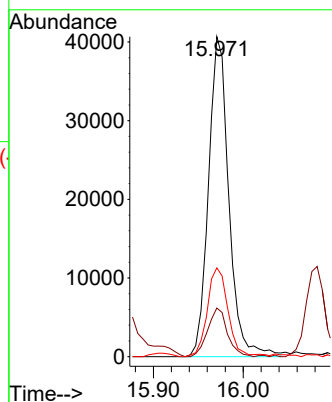
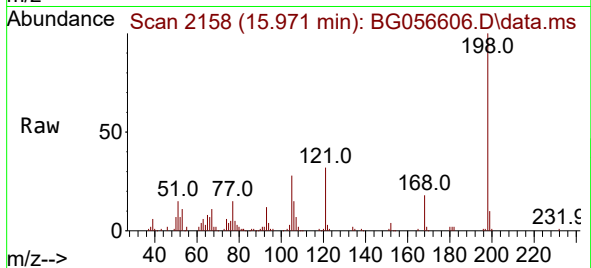
ClientSampleId :

PB150753BS

Tgt Ion:198 Resp: 63962
Ion Ratio Lower Upper
198 100
51 15.2 0.0 35.0
105 27.8 7.4 47.4

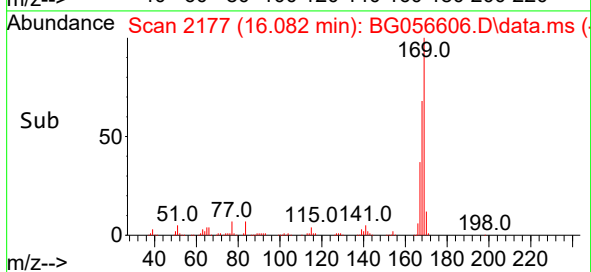
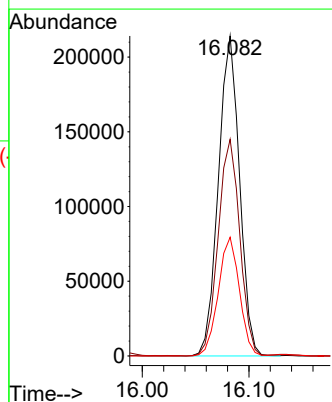
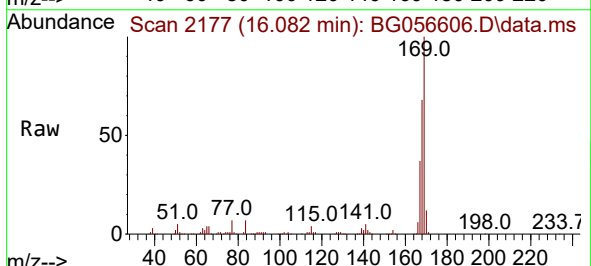
Manual Integrations
APPROVED

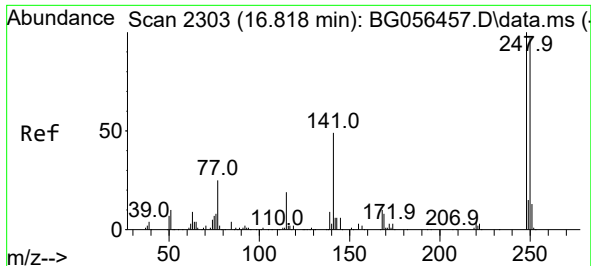
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#66
n-Nitrosodiphenylamine
Concen: 44.391 ng
RT: 16.082 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:169 Resp: 294569
Ion Ratio Lower Upper
169 100
168 67.7 55.8 83.6
167 37.1 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 44.321 ng

RT: 16.758 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:248 Resp: 13298

Ion Ratio Lower Upper

248 100

250 96.0 77.6 116.4

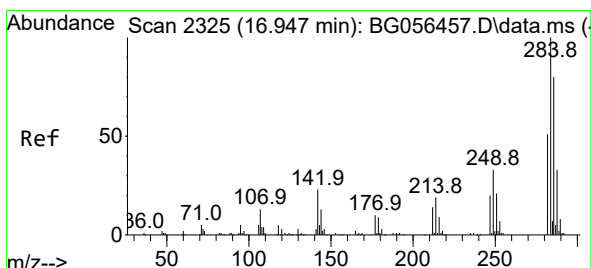
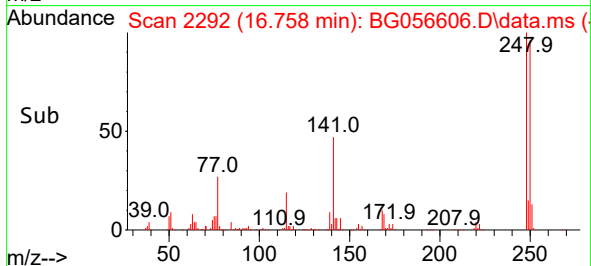
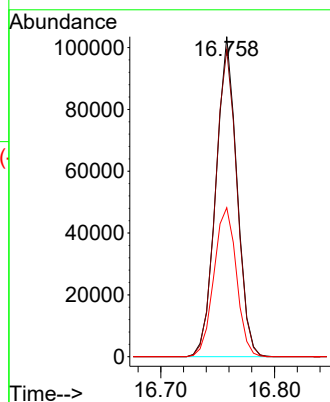
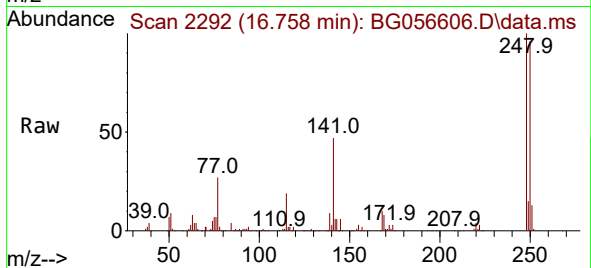
141 46.5 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#68

Hexachlorobenzene

Concen: 47.010 ng

RT: 16.887 min Scan# 2314

Delta R.T. -0.004 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

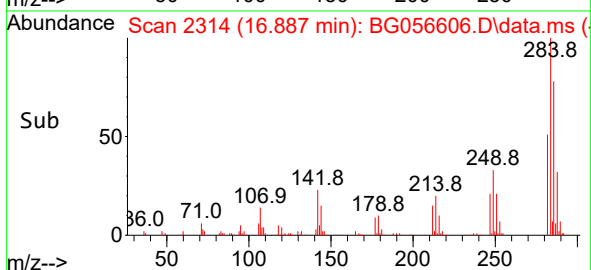
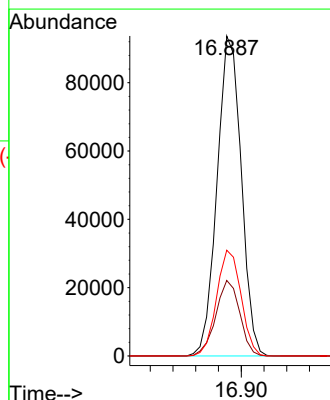
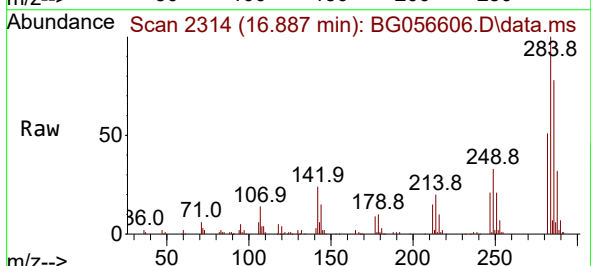
Tgt Ion:284 Resp: 138144

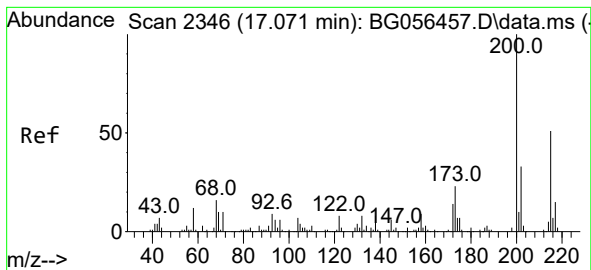
Ion Ratio Lower Upper

284 100

142 23.6 18.0 27.0

249 33.1 26.7 40.1





#69

Atrazine

Concen: 48.777 ng

RT: 17.016 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:200 Resp: 124869

Ion Ratio Lower Upper

200 100

173 23.3 3.2 43.2

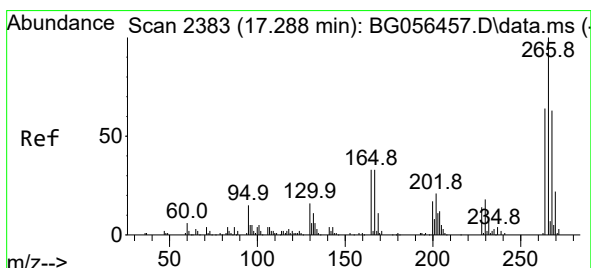
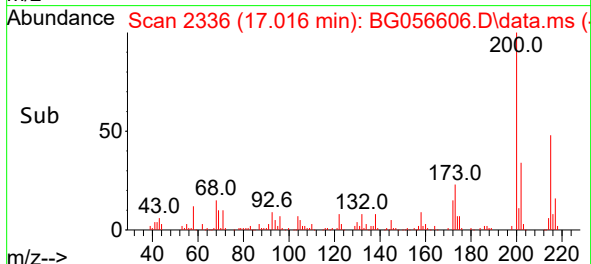
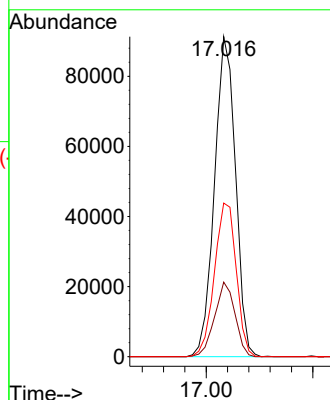
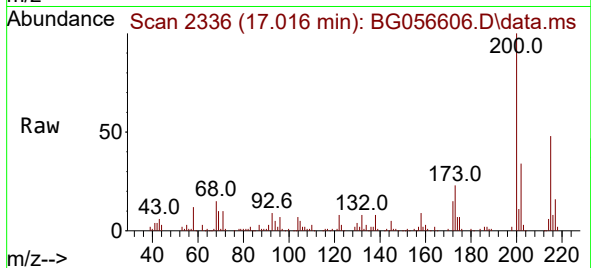
215 48.0 30.7 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#70

Pentachlorophenol

Concen: 72.426 ng

RT: 17.240 min Scan# 2374

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

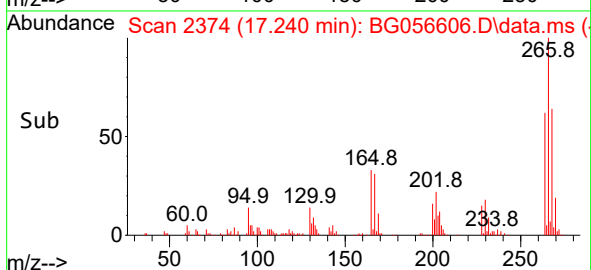
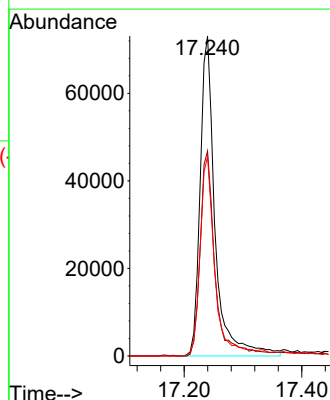
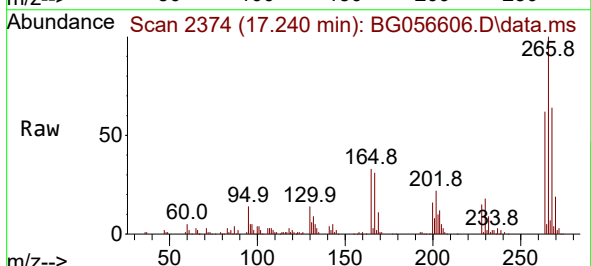
Tgt Ion:266 Resp: 128782

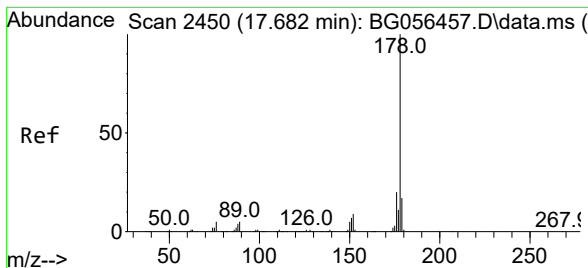
Ion Ratio Lower Upper

266 100

268 64.1 50.2 75.4

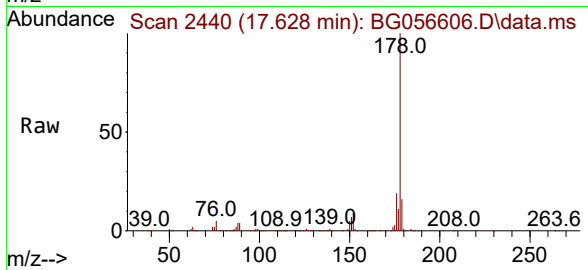
264 62.3 51.4 77.0





#71
Phenanthrene
Concen: 45.665 ng
RT: 17.628 min Scan# 2440
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

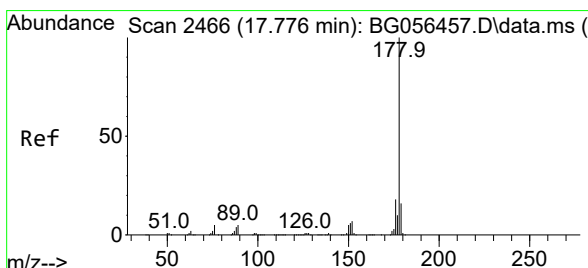
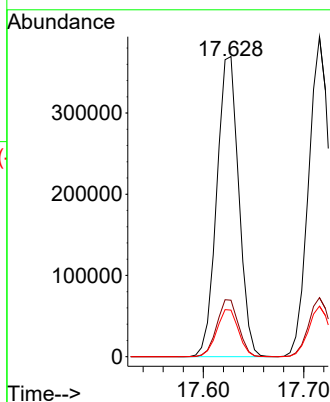
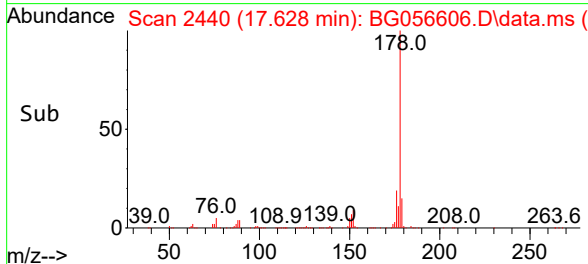
Instrument :
BNA_G
ClientSampleId :
PB150753BS



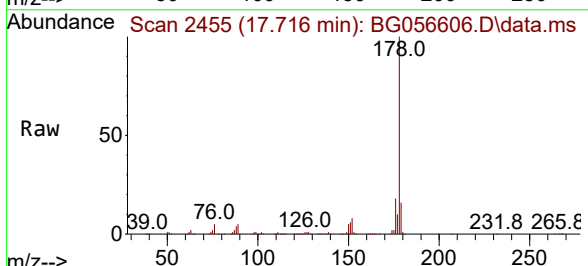
Tgt Ion:178 Resp: 560160
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.5 13.3 19.9

Manual Integrations
APPROVED

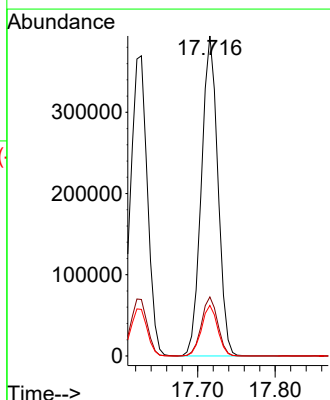
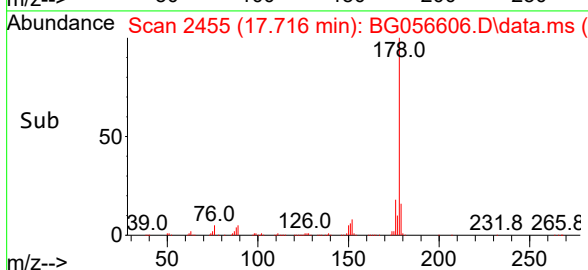
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

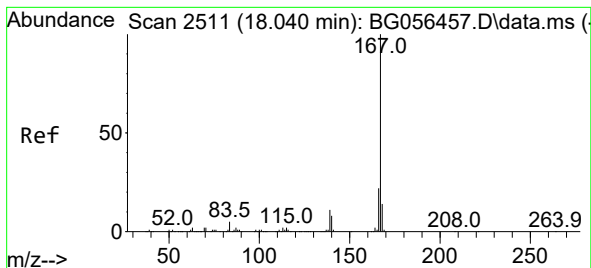


#72
Anthracene
Concen: 46.118 ng
RT: 17.716 min Scan# 2455
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:178 Resp: 580714
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.8 12.5 18.7





#73

Carbazole

Concen: 47.137 ng

RT: 17.986 min Scan# 2501

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:167 Resp: 505520

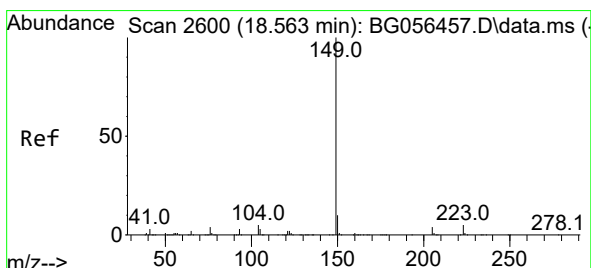
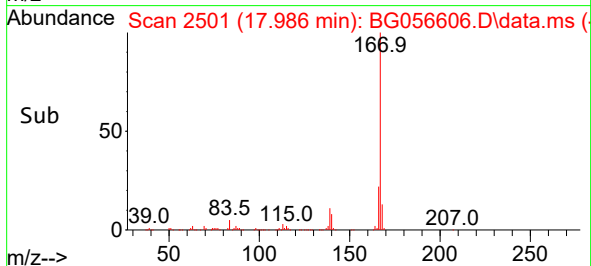
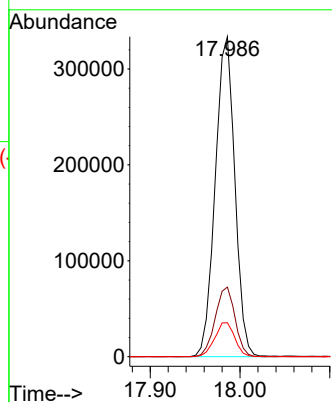
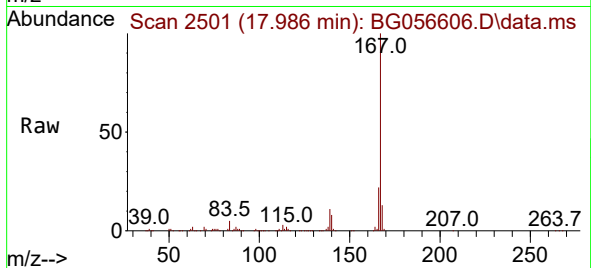
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	10.6	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#74

Di-n-butylphthalate

Concen: 45.801 ng

RT: 18.509 min Scan# 2590

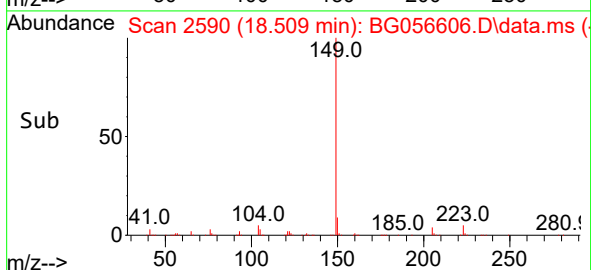
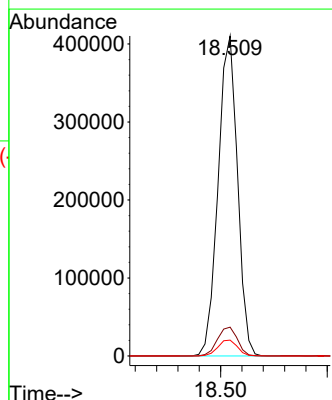
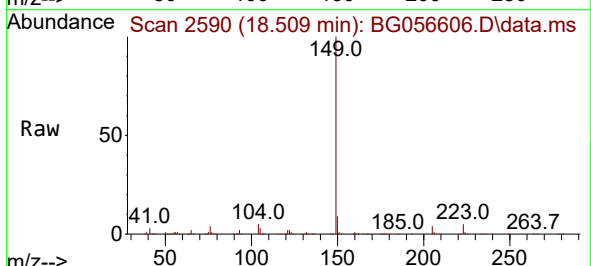
Delta R.T. 0.002 min

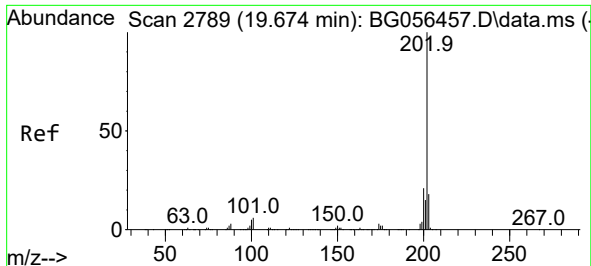
Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Tgt Ion:149 Resp: 515751

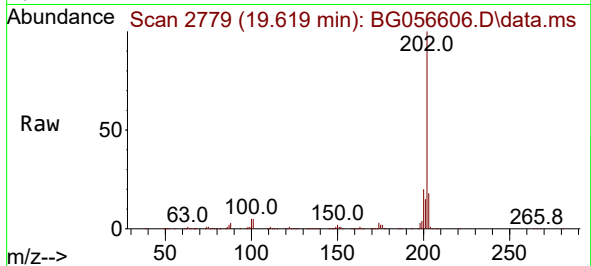
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.0	4.0	6.0





#75
Fluoranthene
Concen: 46.059 ng
RT: 19.619 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

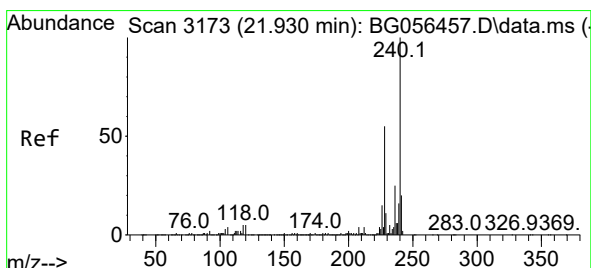
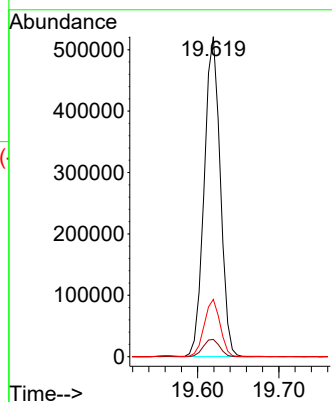
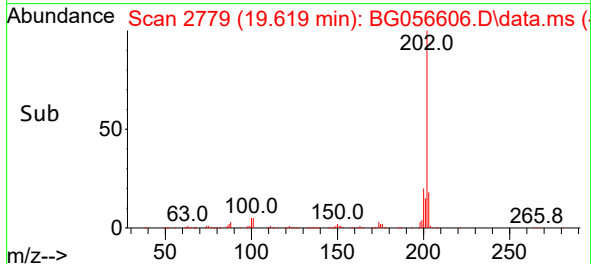
Instrument :
BNA_G
ClientSampleId :
PB150753BS



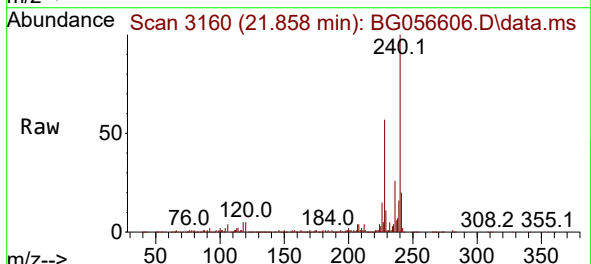
Tgt Ion:202 Resp: 713078
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.6
203 17.9 0.0 38.1

Manual Integrations
APPROVED

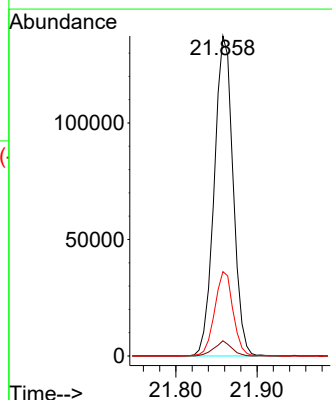
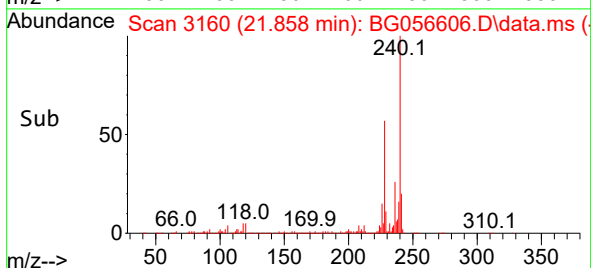
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

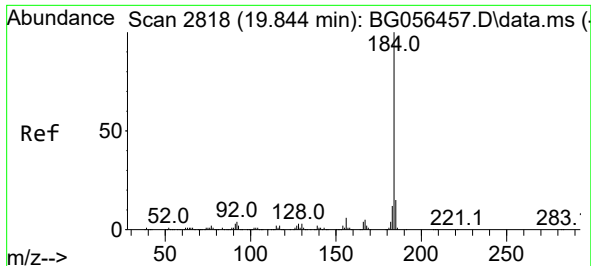


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24



Tgt Ion:240 Resp: 221125
Ion Ratio Lower Upper
240 100
120 4.8 3.8 5.8
236 26.4 20.2 30.2





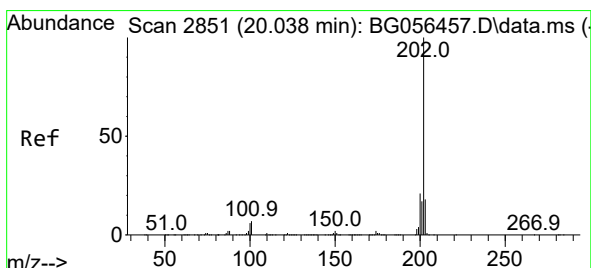
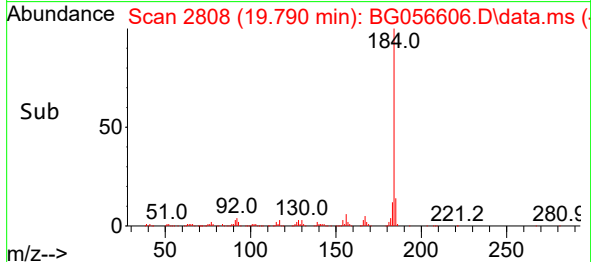
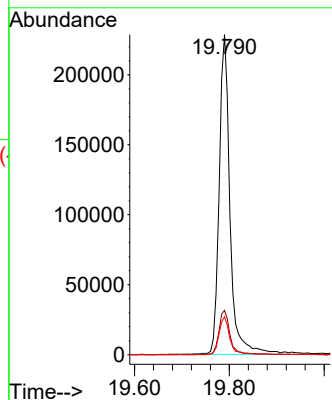
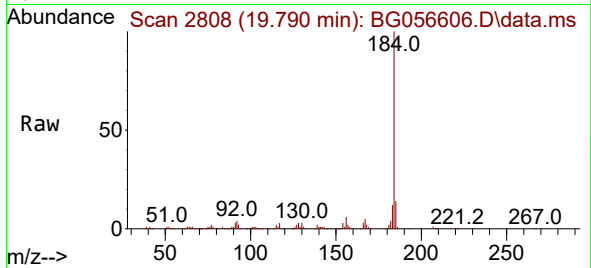
#77
Benzidine
Concen: 60.343 ng
RT: 19.790 min Scan# 2808
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Tgt Ion:184 Resp: 361090
Ion Ratio Lower Upper
184 100
185 13.9 12.3 18.5
183 11.8 9.8 14.8

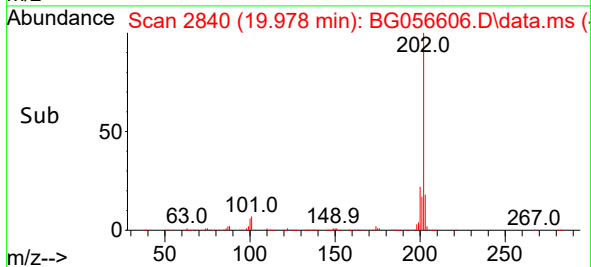
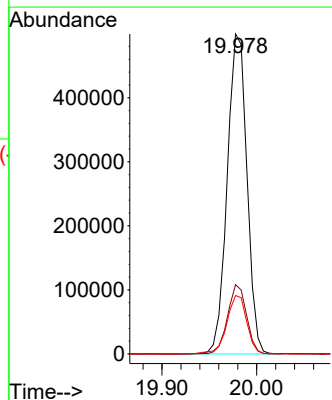
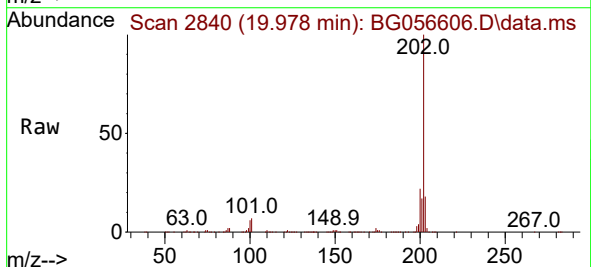
Manual Integrations
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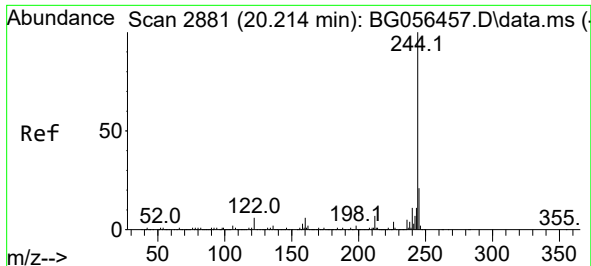
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#78
Pyrene
Concen: 45.858 ng
RT: 19.978 min Scan# 2840
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:202 Resp: 721200
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 18.3 14.4 21.6





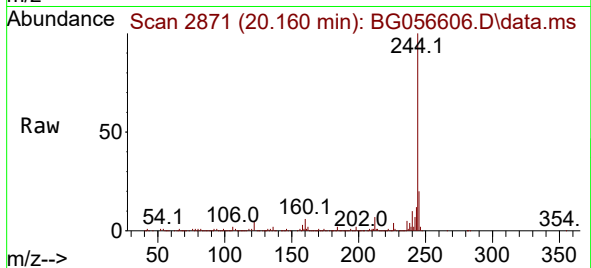
#79
Terphenyl-d14
Concen: 72.471 ng
RT: 20.160 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

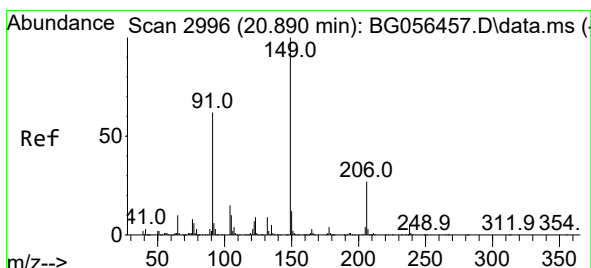
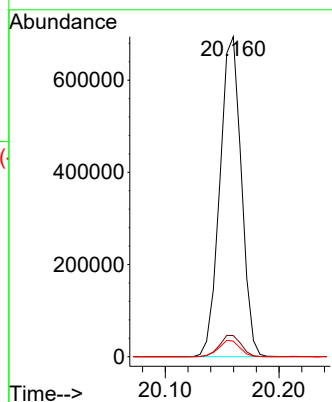
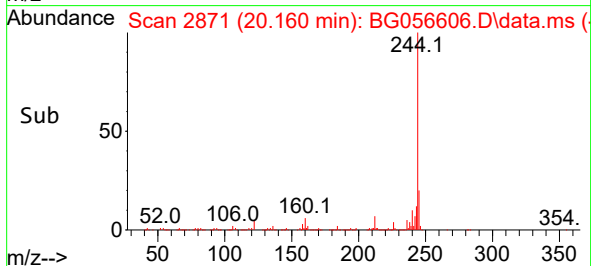


Tgt Ion:244 Resp: 91240
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 4.9 4.4 6.6

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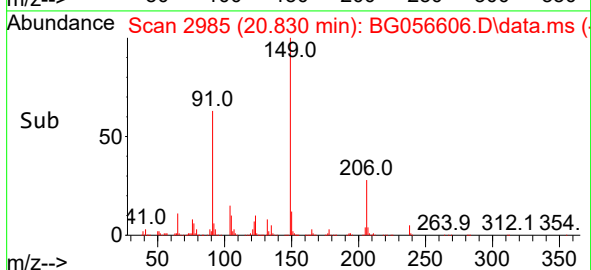
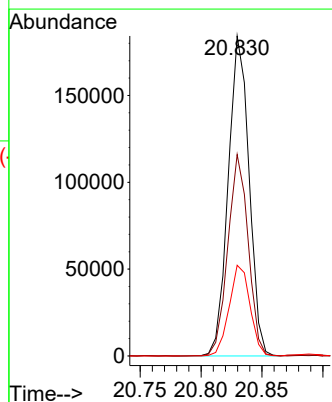
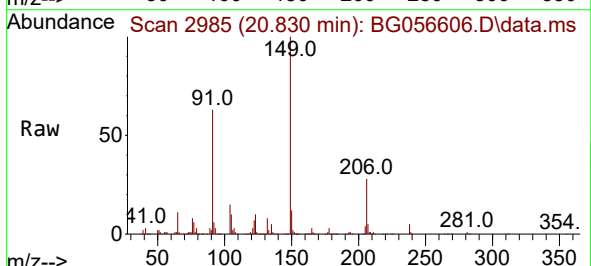
APPROVED

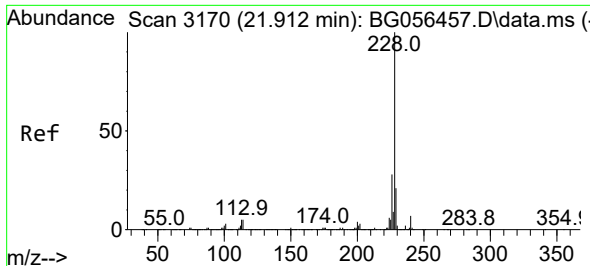
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#80
Butylbenzylphthalate
Concen: 45.703 ng
RT: 20.830 min Scan# 2985
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

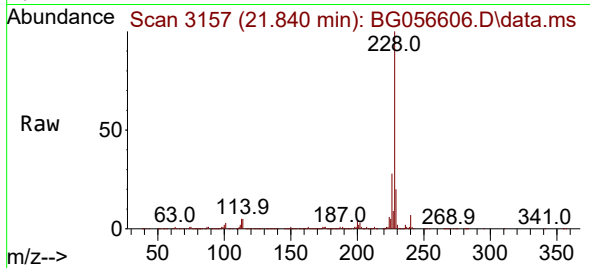
Tgt Ion:149 Resp: 219514
Ion Ratio Lower Upper
149 100
91 63.0 49.4 74.0
206 28.3 22.0 33.0





#81
Benzo(a)anthracene
Concen: 45.946 ng
RT: 21.840 min Scan# 3117
Delta R.T. 0.002 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

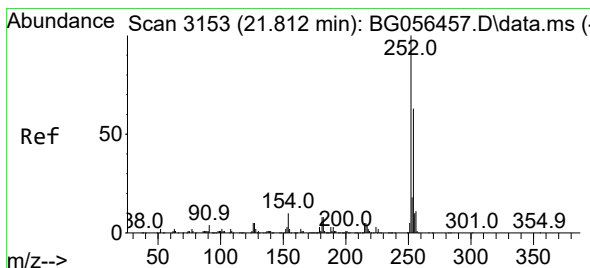
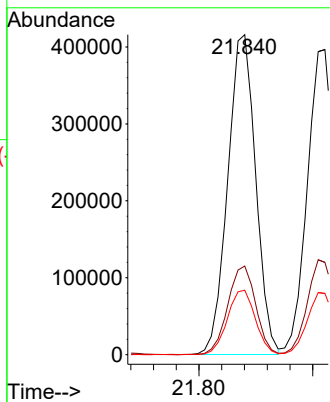
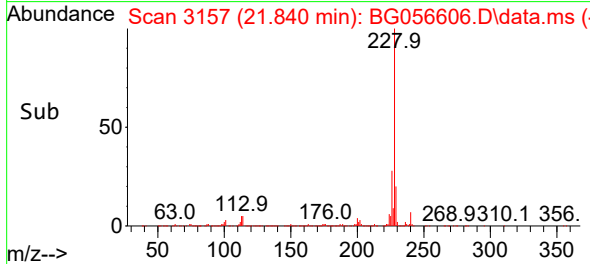
Instrument :
BNA_G
ClientSampleId :
PB150753BS



Tgt Ion:228 Resp: 710279
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.2 16.5 24.7

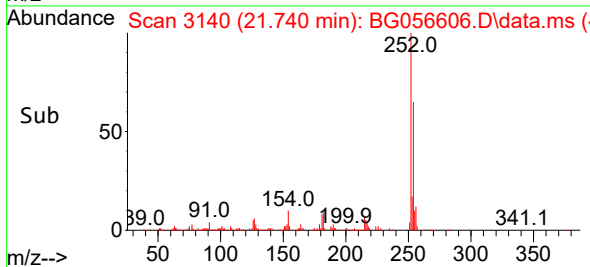
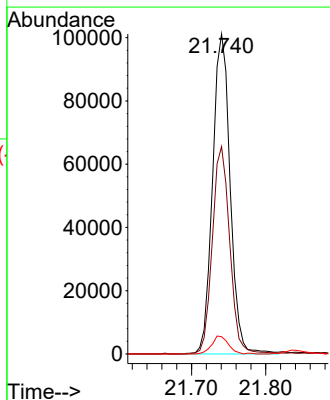
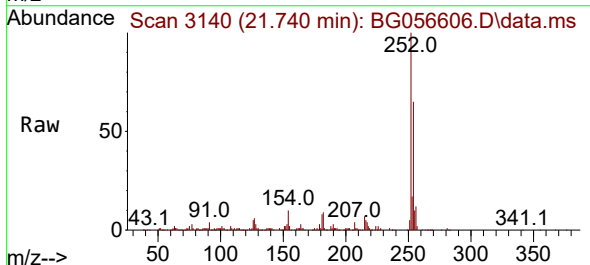
Manual Integrations
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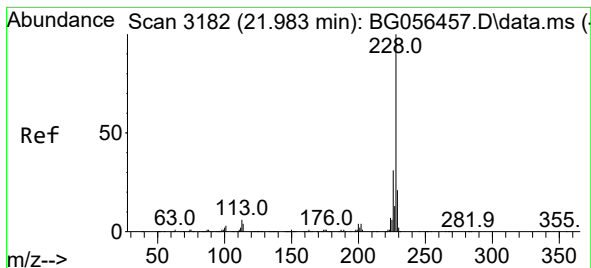
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 29.922 ng
RT: 21.740 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG056606.D
Acq: 10 Feb 2023 14:24

Tgt Ion:252 Resp: 166579
Ion Ratio Lower Upper
252 100
254 64.8 50.0 75.0
126 5.4 4.3 6.5





#83

Chrysene

Concen: 45.751 ng

RT: 21.911 min Scan# 3182

Delta R.T. 0.002 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

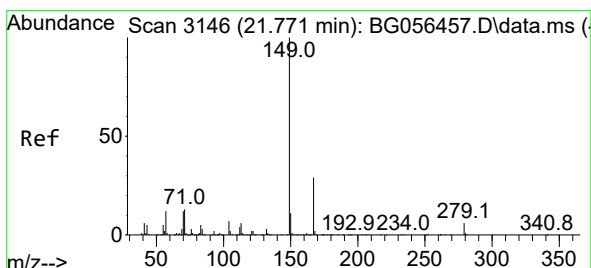
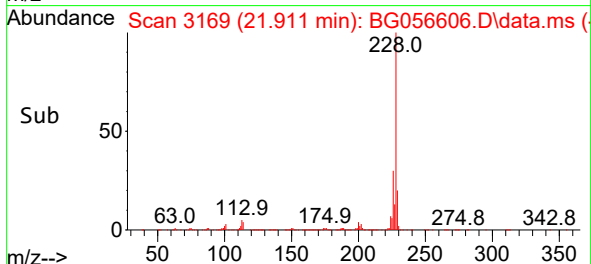
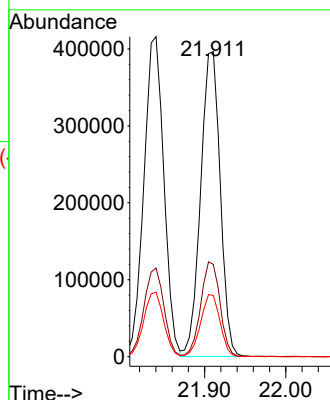
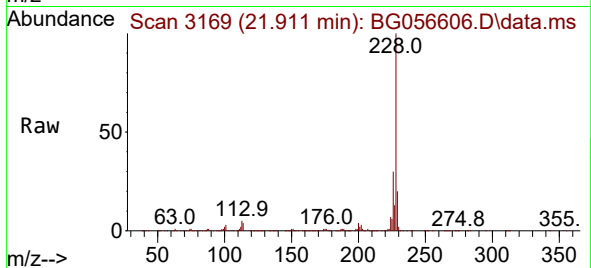
PB150753BS

Tgt Ion:228 Resp: 66446
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.4
 229 20.1 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.110 ng

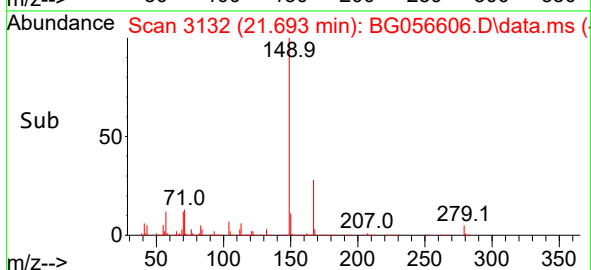
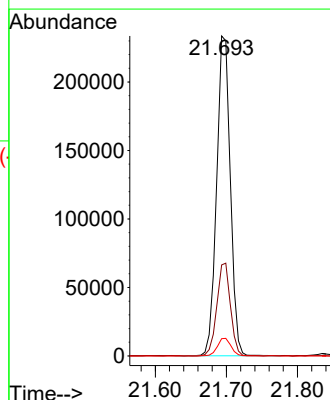
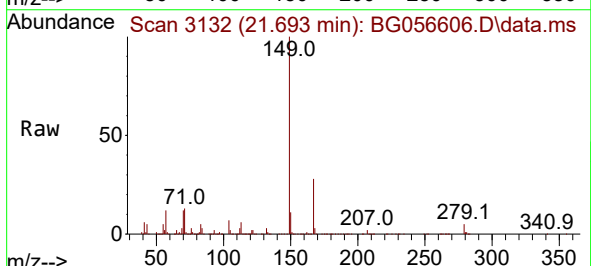
RT: 21.693 min Scan# 3132

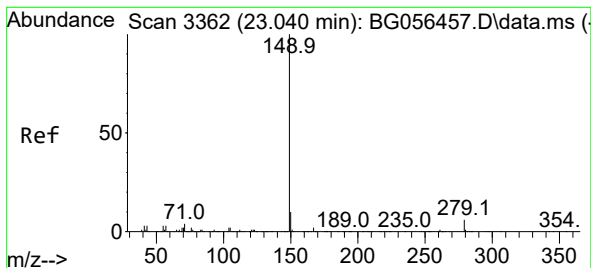
Delta R.T. -0.004 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Tgt Ion:149 Resp: 310636
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.4 35.2
 279 5.4 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 45.351 ng

RT: 22.945 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:149 Resp: 52008

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

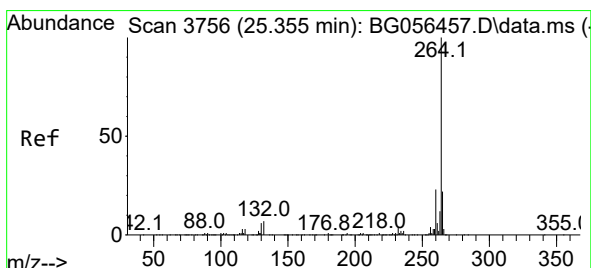
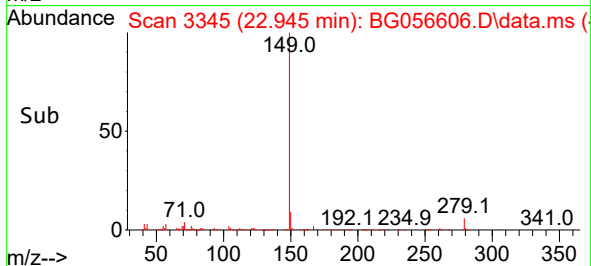
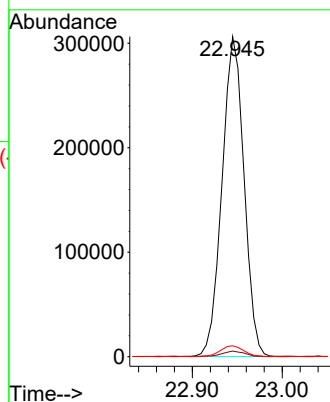
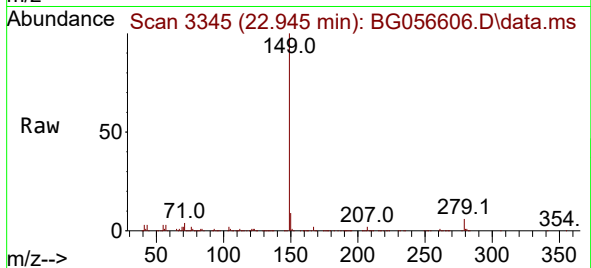
43 3.6 2.7 4.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.230 min Scan# 3734

Delta R.T. -0.004 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

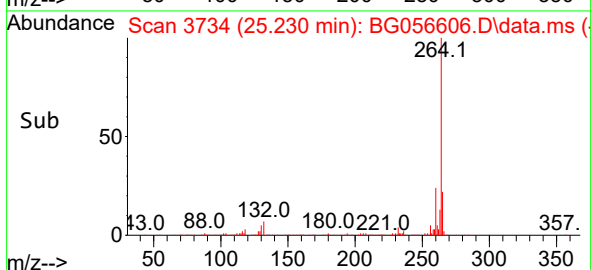
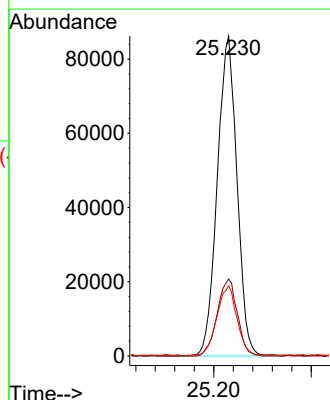
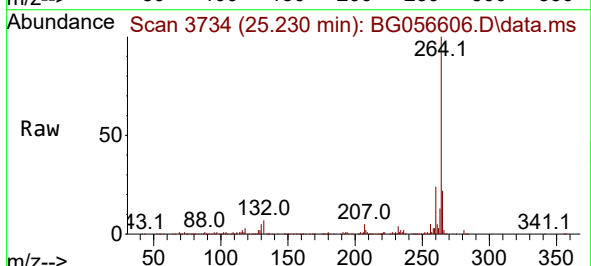
Tgt Ion:264 Resp: 241620

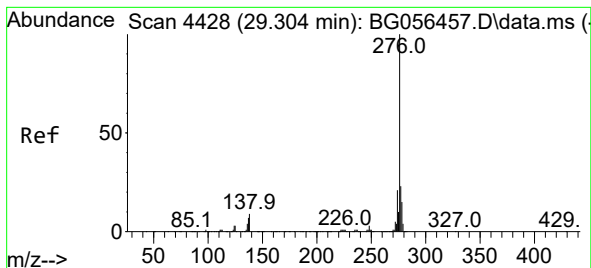
Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.0 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.509 ng

RT: 29.114 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:276 Resp: 84028

Ion Ratio Lower Upper

276 100

138 5.6 9.4 14.2

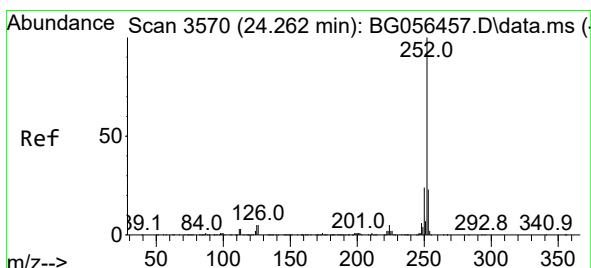
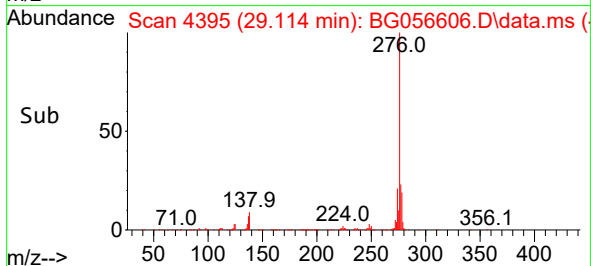
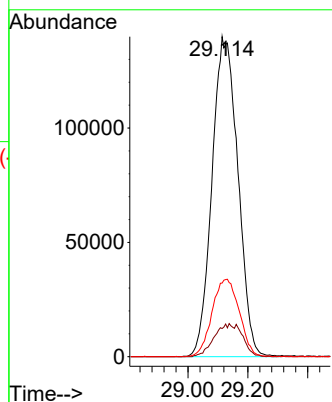
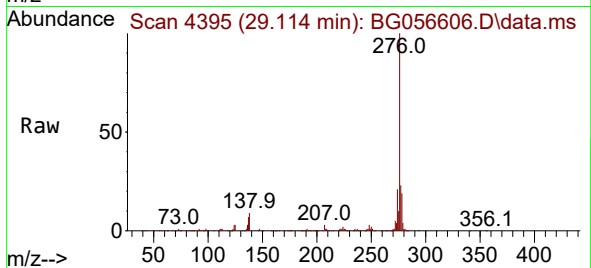
277 25.4 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#88

Benzo(b)fluoranthene

Concen: 50.211 ng

RT: 24.155 min Scan# 3551

Delta R.T. -0.004 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

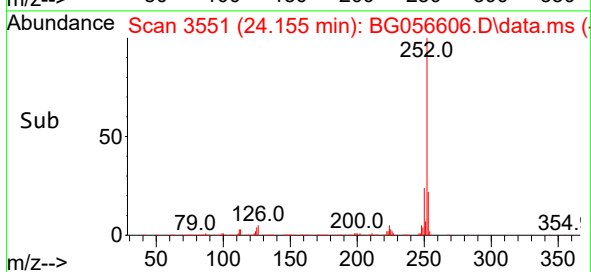
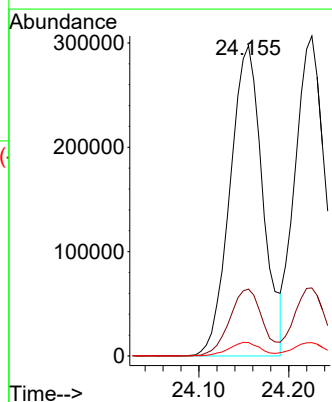
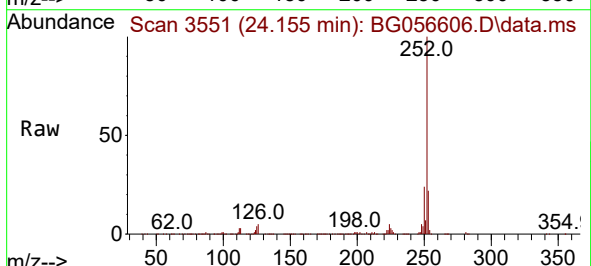
Tgt Ion:252 Resp: 753019

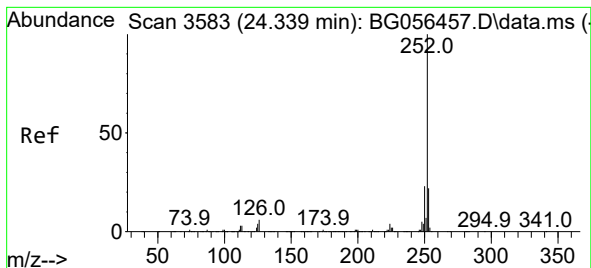
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 4.3 3.9 5.9





#89

Benzo(k)fluoranthene

Concen: 46.711 ng

RT: 24.226 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG056606.D

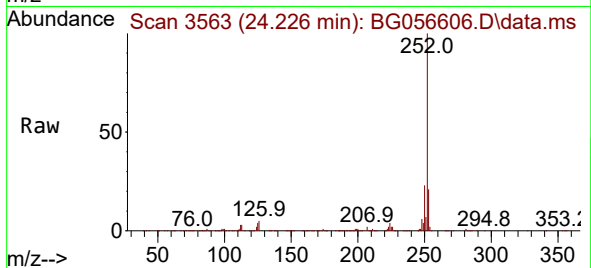
Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS



Tgt Ion:252 Resp: 707279

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

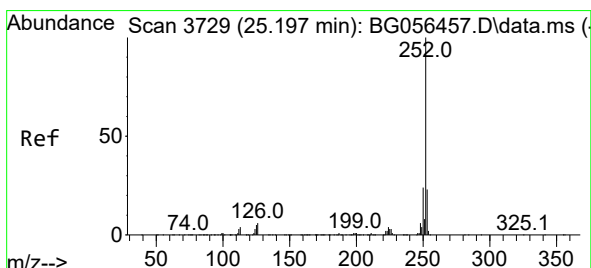
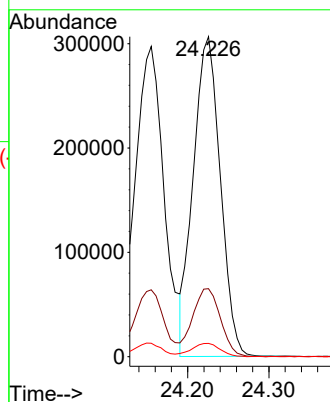
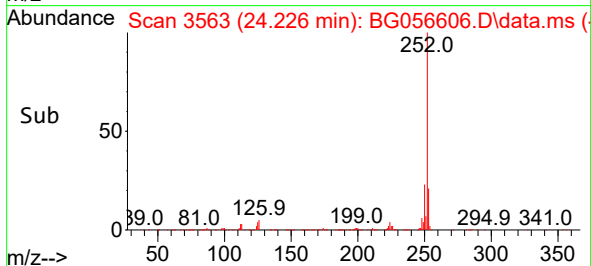
125 4.2 3.4 5.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#90

Benzo(a)pyrene

Concen: 43.793 ng

RT: 25.072 min Scan# 3707

Delta R.T. -0.010 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

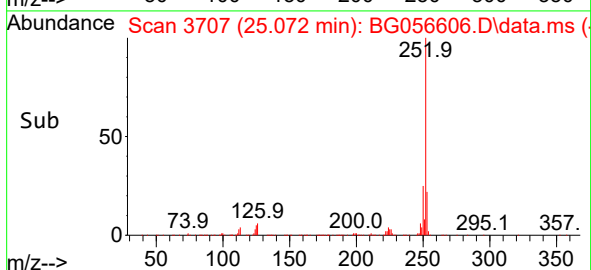
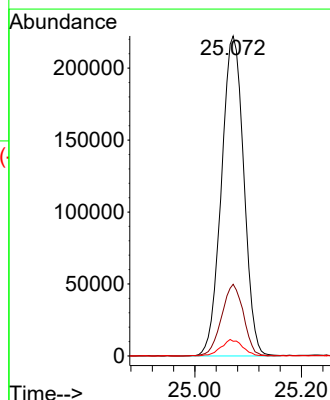
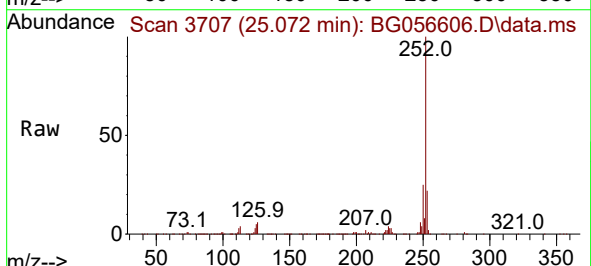
Tgt Ion:252 Resp: 646953

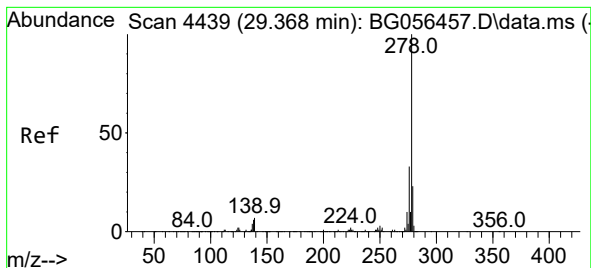
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 4.6 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 47.456 ng

RT: 29.173 min Scan# 44

Delta R.T. -0.010 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Instrument :

BNA_G

ClientSampleId :

PB150753BS

Tgt Ion:278 Resp: 70455

Ion Ratio Lower Upper

278 100

139 7.1 5.5 8.3

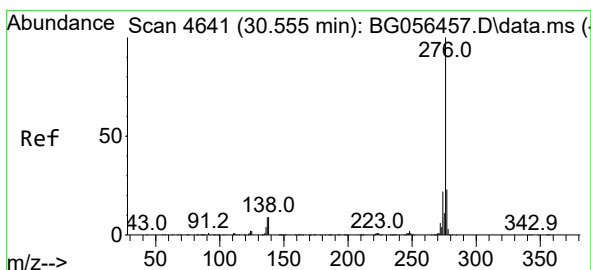
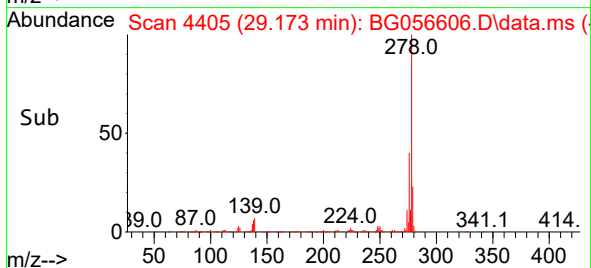
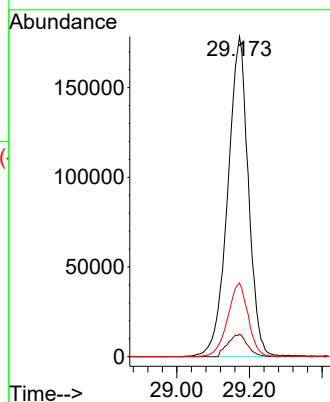
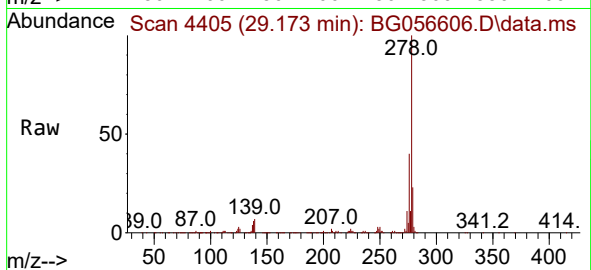
279 23.0 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#92

Benzo(g,h,i)perylene

Concen: 47.353 ng

RT: 30.342 min Scan# 4604

Delta R.T. -0.010 min

Lab File: BG056606.D

Acq: 10 Feb 2023 14:24

Tgt Ion:276 Resp: 678334

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 8.9 7.4 11.0

