

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056537.D
 Acq On : 3 Feb 2023 13:45
 Operator : CG/JU
 Sample : PB150480BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150480BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:11:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	29359	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	115983	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	100186	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	272572	20.000	ng	0.00
76) Chrysene-d12	21.930	240	263873	20.000	ng	0.00
86) Perylene-d12	25.350	264	279176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	192896	120.865	ng	0.00
7) Phenol-d6	7.418	99	268330	113.474	ng	0.00
23) Nitrobenzene-d5	9.445	82	137783	67.458	ng	-0.01
42) 2,4,6-Tribromophenol	16.378	330	139558	104.780	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	470005	65.042	ng	0.00
79) Terphenyl-d14	20.209	244	988768	65.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	26764	40.274	ng	# 95
3) Pyridine	4.004	79	68208	34.432	ng	96
4) n-Nitrosodimethylamine	3.916	42	16950	40.235	ng	99
6) Aniline	7.582	93	103058	33.287	ng	96
8) 2-Chlorophenol	7.829	128	84745	48.336	ng	97
9) Benzaldehyde	7.394	77	52397	54.770	ng	90
10) Phenol	7.441	94	119676	49.794	ng	98
11) bis(2-Chloroethyl)ether	7.670	93	72283	43.755	ng	95
12) 1,3-Dichlorobenzene	8.158	146	93576	46.356	ng	99
13) 1,4-Dichlorobenzene	8.305	146	94473	46.213	ng	97
14) 1,2-Dichlorobenzene	8.628	146	89854	45.302	ng	99
15) Benzyl Alcohol	8.505	79	74335	45.817	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.798	45	15140	43.254	ng	88
17) 2-Methylphenol	8.710	107	83639	45.743	ng	99
18) Hexachloroethane	9.362	117	28422	45.967	ng	93
19) n-Nitroso-di-n-propyla...	9.075	70	56359	41.357	ng	97
20) 3+4-Methylphenols	9.039	107	114037	44.504	ng	98
22) Acetophenone	9.098	105	130806	42.447	ng	99
24) Nitrobenzene	9.492	77	84814	43.050	ng	95
25) Isophorone	10.009	82	172768	41.001	ng	98
26) 2-Nitrophenol	10.208	139	52653	44.048	ng	96
27) 2,4-Dimethylphenol	10.255	122	94835m	47.406	ng	
28) bis(2-Chloroethoxy)met...	10.485	93	100122	43.012	ng	98
29) 2,4-Dichlorophenol	10.749	162	108173	48.038	ng	99
30) 1,2,4-Trichlorobenzene	10.966	180	114052	45.579	ng	99
31) Naphthalene	11.154	128	268484	43.858	ng	99
32) Benzoic acid	10.402	122	47289m	42.251	ng	
33) 4-Chloroaniline	11.260	127	78703	27.543	ng	99
34) Hexachlorobutadiene	11.431	225	76682	43.657	ng	97
35) Caprolactam	12.030	113	35389m	46.599	ng	
36) 4-Chloro-3-methylphenol	12.365	107	102370	47.075	ng	95
37) 2-Methylnaphthalene	12.741	142	209155	41.443	ng	99
38) 1-Methylnaphthalene	12.958	142	195184	41.411	ng	98
40) 1,2,4,5-Tetrachloroben...	13.105	216	154662	42.256	ng	99
41) Hexachlorocyclopentadiene	13.076	237	151939	78.444	ng	100
43) 2,4,6-Trichlorophenol	13.340	196	103989	44.088	ng	91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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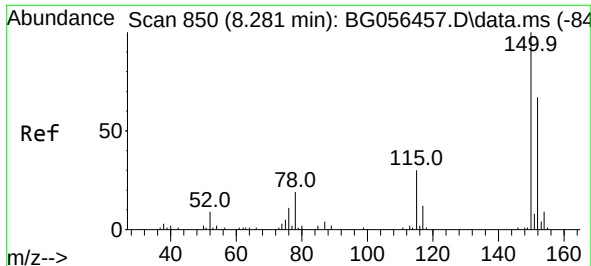
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.416	196	113441	41.078	ng	100
46) 1,1'-Biphenyl	13.728	154	308828	42.499	ng	99
47) 2-Chloronaphthalene	13.781	162	246323	43.367	ng	99
48) 2-Nitroaniline	13.980	65	52617	44.812	ng	91
49) Acenaphthylene	14.621	152	393533	42.585	ng	99
50) Dimethylphthalate	14.333	163	346281	42.723	ng	99
51) 2,6-Dinitrotoluene	14.462	165	77515	43.854	ng	94
52) Acenaphthene	14.956	154	230557	42.072	ng	100
53) 3-Nitroaniline	14.797	138	52567	30.676	ng	99
54) 2,4-Dinitrophenol	15.009	184	104610	94.402	ng	96
55) Dibenzofuran	15.291	168	418312	42.564	ng	99
56) 4-Nitrophenol	15.103	139	109554	93.563	ng	98
57) 2,4-Dinitrotoluene	15.250	165	111616	44.830	ng	100
58) Fluorene	15.937	166	343818	43.966	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.514	232	113849	46.367	ng	97
60) Diethylphthalate	15.684	149	331820	43.597	ng	99
61) 4-Chlorophenyl-phenylether	15.919	204	206524	43.280	ng	99
62) 4-Nitroaniline	15.955	138	74276	43.317	ng	98
63) Azobenzene	16.213	77	232619	44.418	ng	98
65) 4,6-Dinitro-2-methylphthalate	16.013	198	77426	40.403	ng	98
66) n-Nitrosodiphenylamine	16.131	169	319144	41.354	ng	98
67) 4-Bromophenyl-phenylether	16.812	248	143401	41.096	ng	99
68) Hexachlorobenzene	16.942	284	150268	43.969	ng	97
69) Atrazine	17.065	200	143767	48.288	ng	97
70) Pentachlorophenol	17.288	266	157947	76.379	ng	98
71) Phenanthrene	17.676	178	614294	43.060	ng	98
72) Anthracene	17.770	178	624563	42.649	ng	99
73) Carbazole	18.035	167	545635	43.747	ng	98
74) Di-n-butylphthalate	18.557	149	555342	42.405	ng	99
75) Fluoranthene	19.668	202	773657	42.968	ng	100
77) Benzidine	19.838	184	315713	44.213	ng	99
78) Pyrene	20.032	202	784478	41.800	ng	100
80) Butylbenzylphthalate	20.884	149	235807	41.142	ng	97
81) Benzo(a)anthracene	21.907	228	781512	42.364	ng	99
82) 3,3'-Dichlorobenzidine	21.807	252	187762	28.263	ng	98
83) Chrysene	21.977	228	730611	42.156	ng	99
84) Bis(2-ethylhexyl)phthalate	21.765	149	337867	41.116	ng	99
85) Di-n-octyl phthalate	23.035	149	569524	41.617	ng	100
87) Indeno(1,2,3-cd)pyrene	29.304	276	918267	44.934	ng	# 95
88) Benzo(b)fluoranthene	24.257	252	811842	46.851	ng	99
89) Benzo(k)fluoranthene	24.327	252	797072	45.560	ng	100
90) Benzo(a)pyrene	25.191	252	716395	41.970	ng	98
91) Dibenzo(a,h)anthracene	29.357	278	777923	45.350	ng	99
92) Benzo(g,h,i)perylene	30.543	276	745619	45.048	ng	97

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

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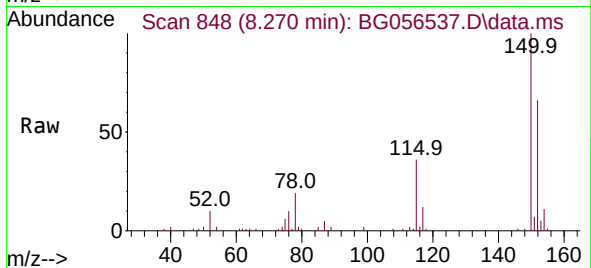
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG056537.D
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Instrument :

BNA_G

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PB150480BS

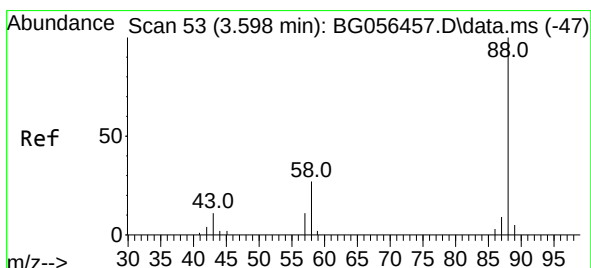
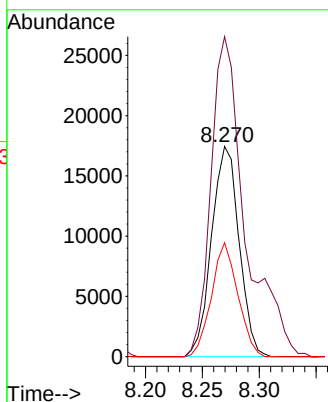
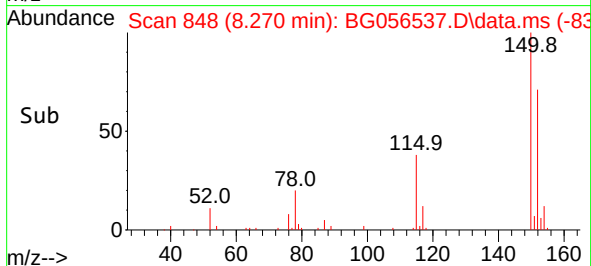


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Ion Ratio Lower Upper
152 100
150 152.3 120.2 180.4
115 54.2 36.3 54.5

Manual Integrations

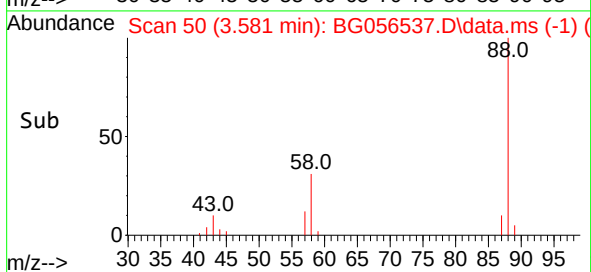
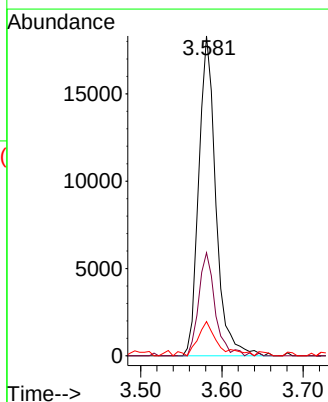
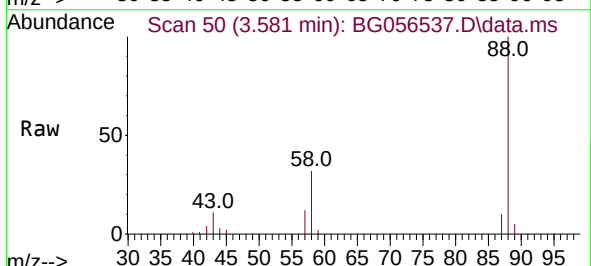
APPROVED

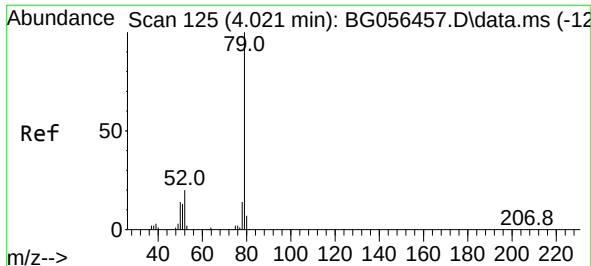
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#2
1,4-Dioxane
Concen: 40.274 ng
RT: 3.581 min Scan# 50
Delta R.T. -0.018 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion: 88 Resp: 26764
Ion Ratio Lower Upper
88 100
58 31.3 23.0 34.4
43 12.1 8.0 12.0





#3
Pyridine
Concen: 34.432 ng
RT: 4.004 min Scan# 110
Delta R.T. -0.018 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

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BNA_G

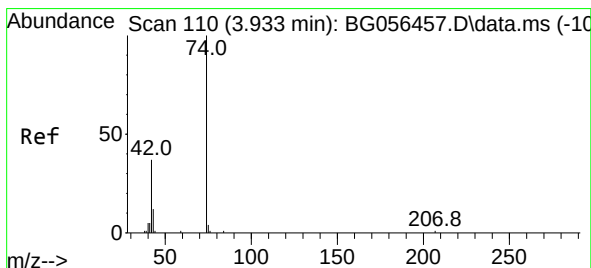
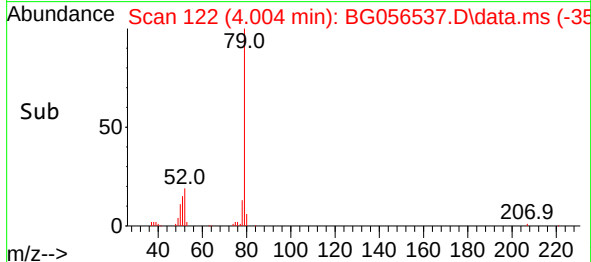
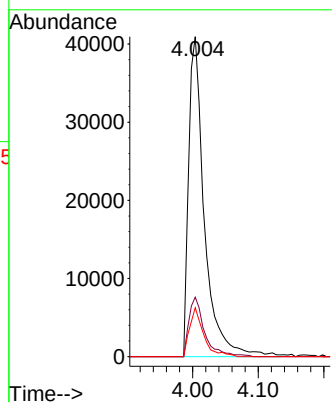
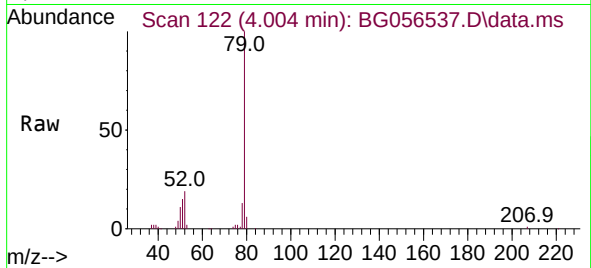
ClientSampleId :

PB150480BS

Tgt Ion: 79 Resp: 68208
Ion Ratio Lower Upper
79 100
52 18.6 16.1 24.1
51 15.3 10.7 16.1

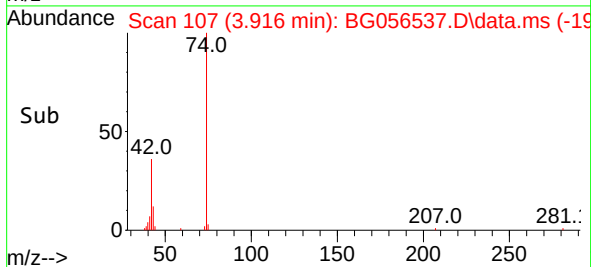
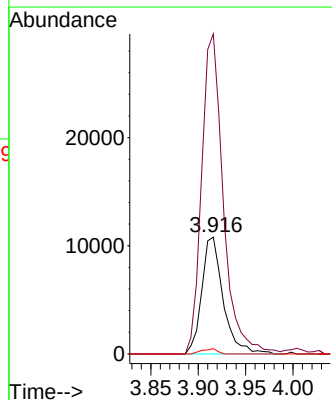
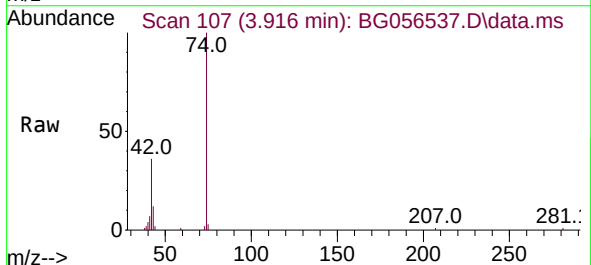
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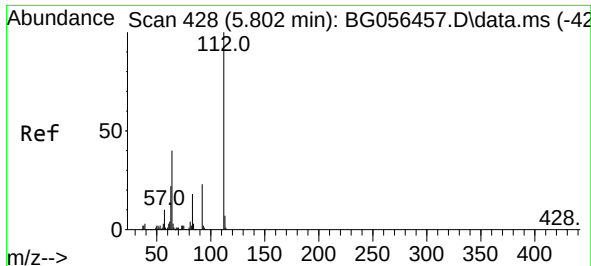
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#4
n-Nitrosodimethylamine
Concen: 40.235 ng
RT: 3.916 min Scan# 107
Delta R.T. -0.012 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

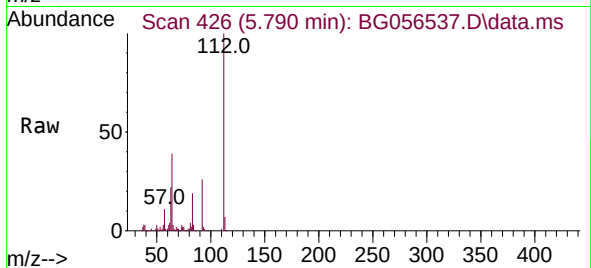
Tgt Ion: 42 Resp: 16950
Ion Ratio Lower Upper
42 100
74 274.1 217.9 326.9
44 4.4 3.0 4.6





#5
2-Fluorophenol
Concen: 120.865 ng
RT: 5.790 min Scan# 428
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

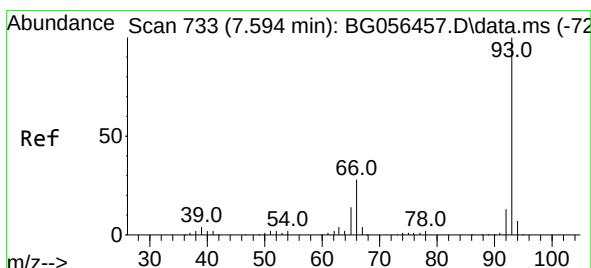
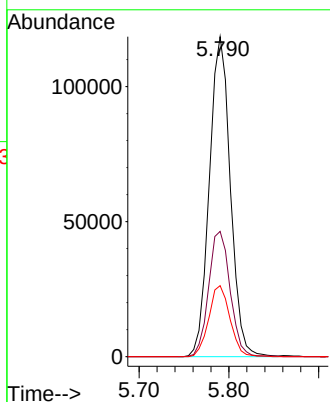
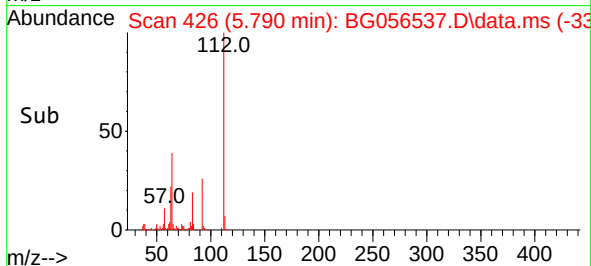
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Tgt Ion: 112 Resp: 192896
Ion Ratio Lower Upper
112 100
64 39.1 31.9 47.9
63 22.2 17.4 26.0

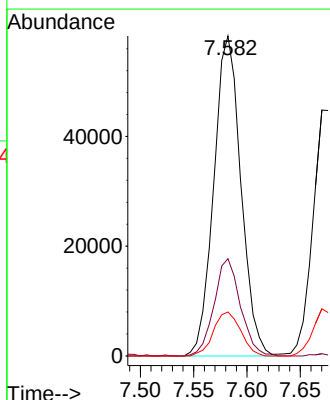
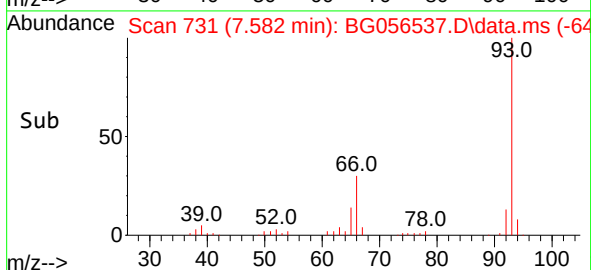
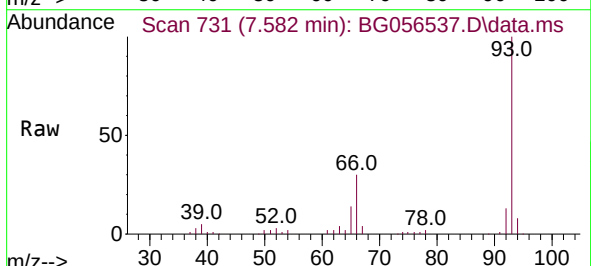
Manual Integrations
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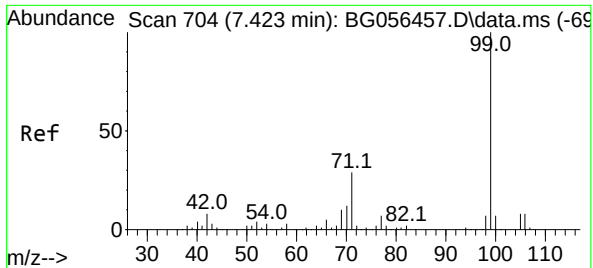
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#6
Aniline
Concen: 33.287 ng
RT: 7.582 min Scan# 731
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

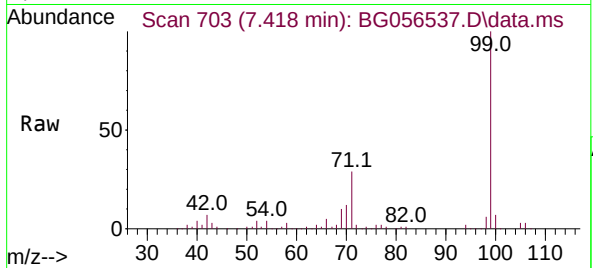
Tgt Ion: 93 Resp: 103058
Ion Ratio Lower Upper
93 100
66 30.4 22.2 33.2
65 13.7 11.3 16.9





#7
Phenol-d6
Concen: 113.474 ng
RT: 7.418 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

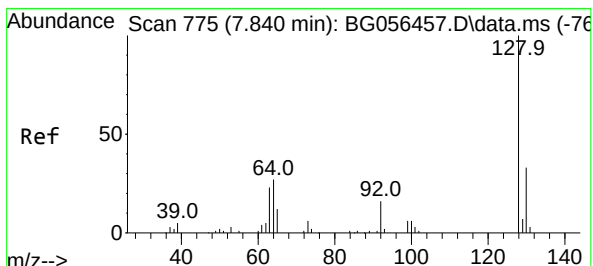
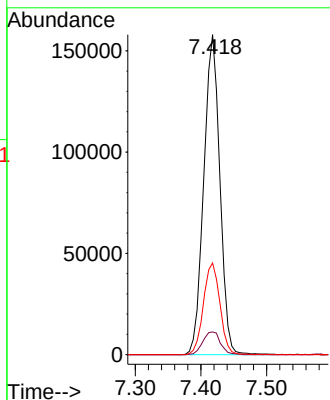
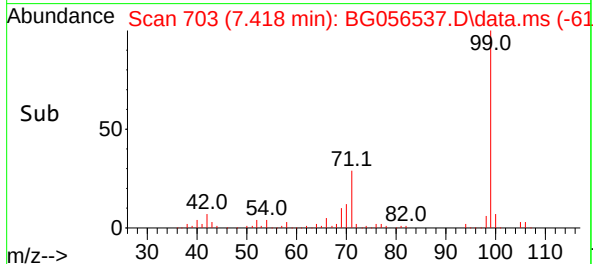
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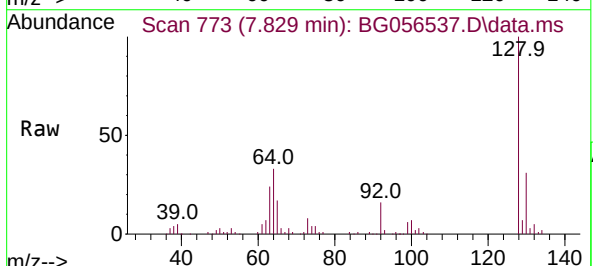
Tgt Ion: 99 Resp: 268336
Ion Ratio Lower Upper
99 100
42 7.1 6.6 10.0
71 28.6 23.4 35.0

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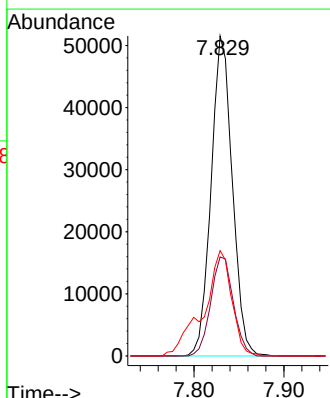
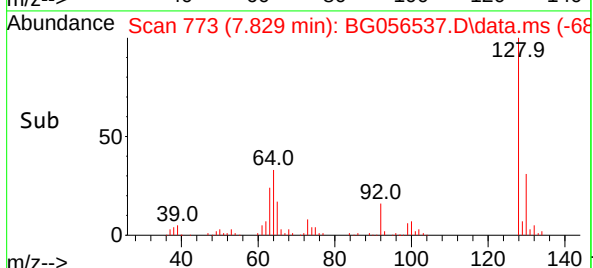
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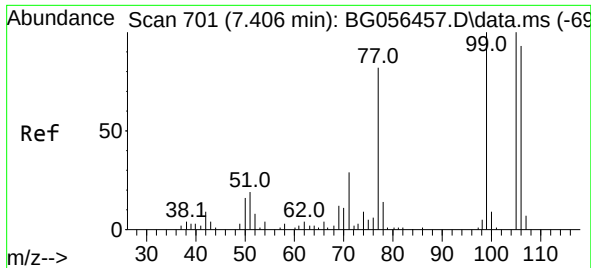


#8
2-Chlorophenol
Concen: 48.336 ng
RT: 7.829 min Scan# 773
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:128 Resp: 84745
Ion Ratio Lower Upper
128 100
130 30.9 12.8 52.8
64 32.9 11.3 51.3





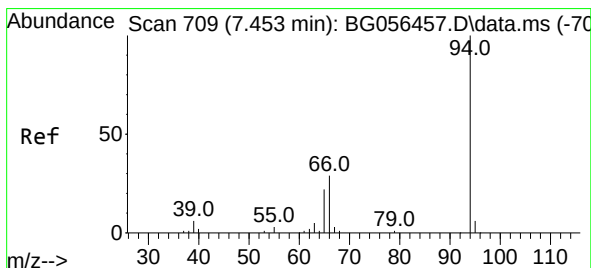
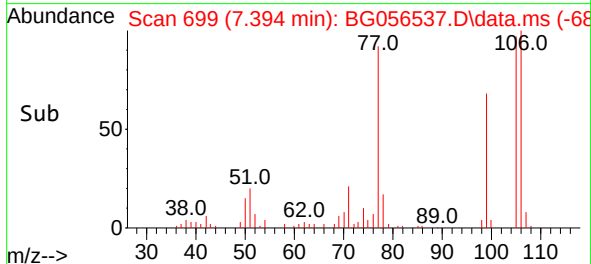
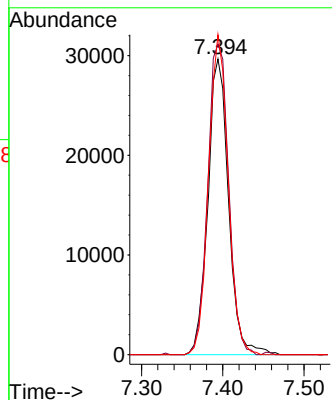
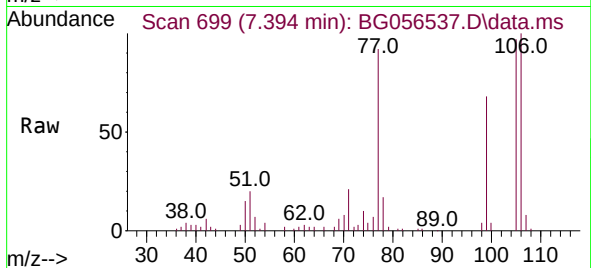
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Benzaldehyde
Concen: 54.770 ng
RT: 7.394 min Scan# 699
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 52397
Ion Ratio Lower Upper
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105 105.1 101.8 141.8
106 108.3 93.0 133.0

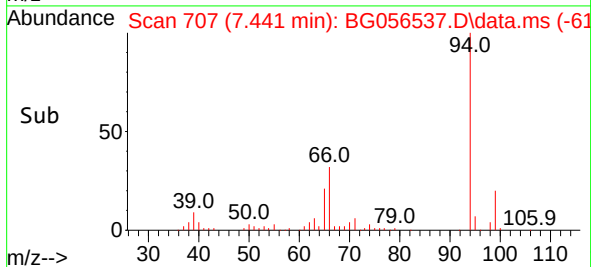
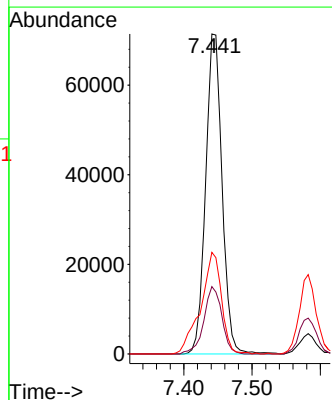
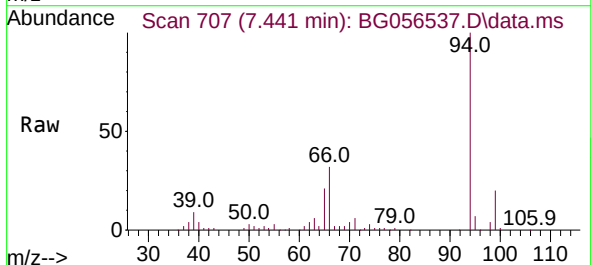
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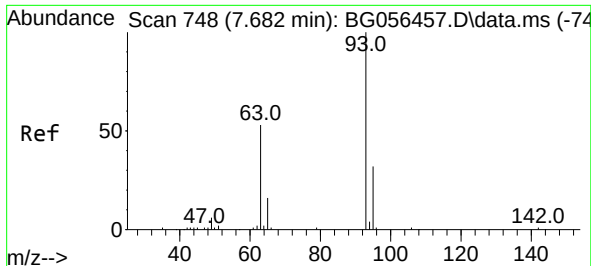
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#10
Phenol
Concen: 49.794 ng
RT: 7.441 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion: 94 Resp: 119676
Ion Ratio Lower Upper
94 100
65 21.0 2.3 42.3
66 31.7 11.2 51.2





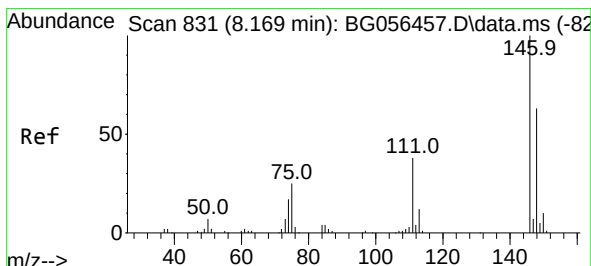
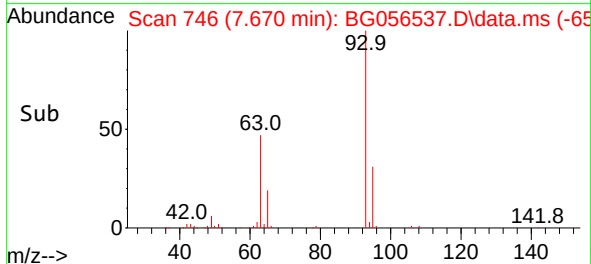
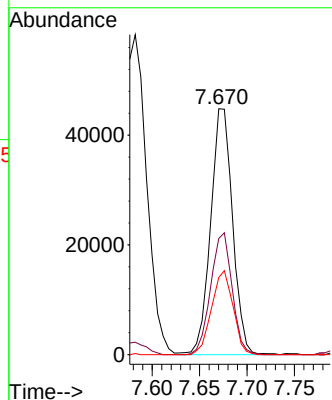
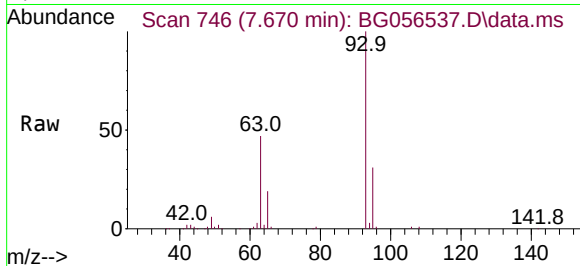
#11
bis(2-Chloroethyl)ether
Concen: 43.755 ng
RT: 7.670 min Scan# 748
Delta R.T. -0.012 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :
BNA_G
ClientSampleId :
PB150480BS

Tgt Ion: 93 Resp: 72283
Ion Ratio Lower Upper
93 100
63 47.2 32.4 72.4
95 31.3 11.8 51.8

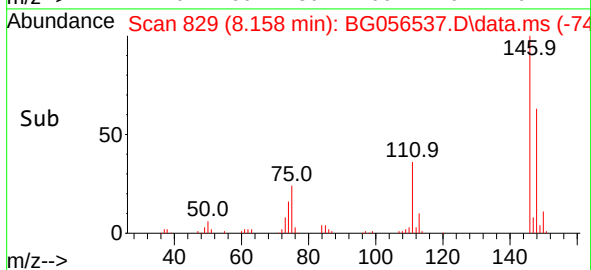
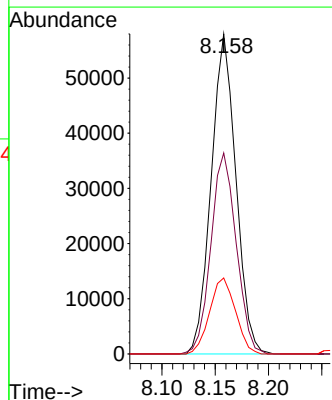
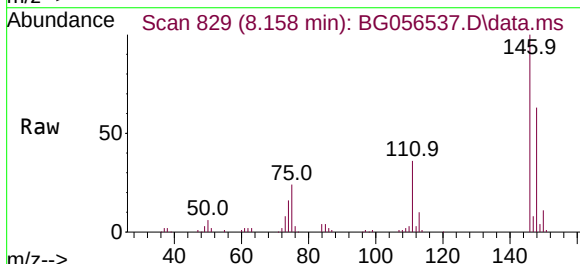
Manual Integrations
APPROVED

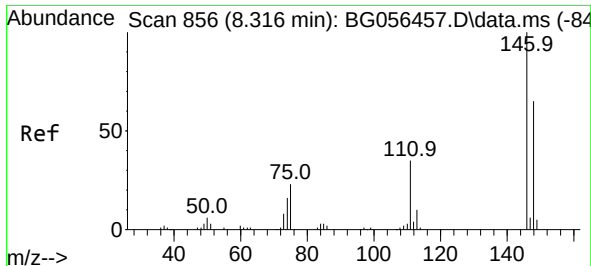
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#12
1,3-Dichlorobenzene
Concen: 46.356 ng
RT: 8.158 min Scan# 829
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:146 Resp: 93576
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 23.7 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 46.213 ng

RT: 8.305 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG056537.D

Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

Tgt Ion:146 Resp: 94473

Ion Ratio Lower Upper

146 100

148 67.1 51.8 77.6

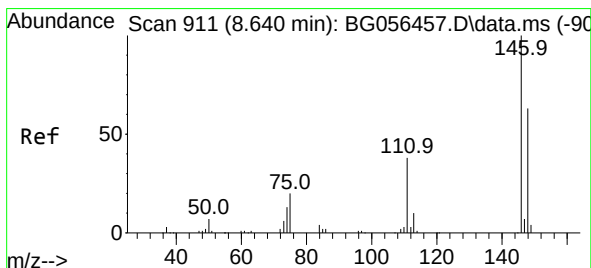
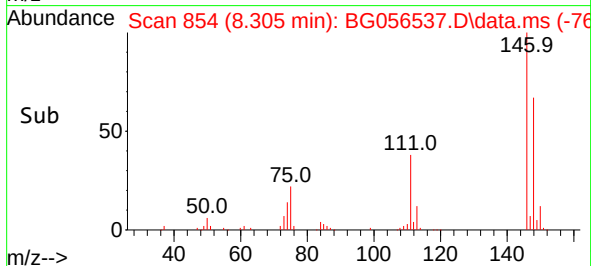
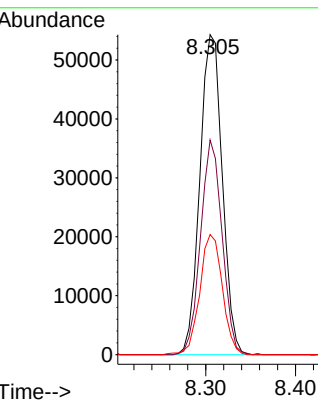
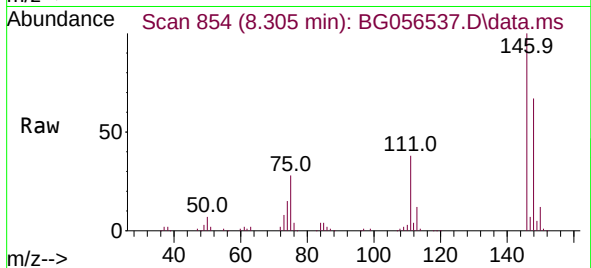
111 37.5 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#14

1,2-Dichlorobenzene

Concen: 45.302 ng

RT: 8.628 min Scan# 909

Delta R.T. -0.006 min

Lab File: BG056537.D

Acq: 3 Feb 2023 13:45

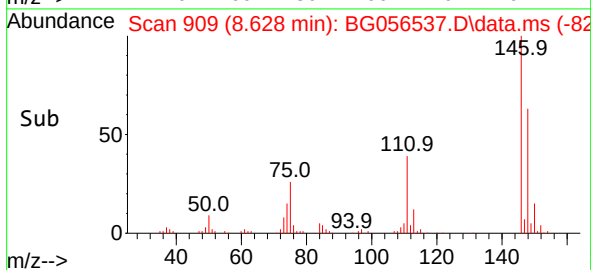
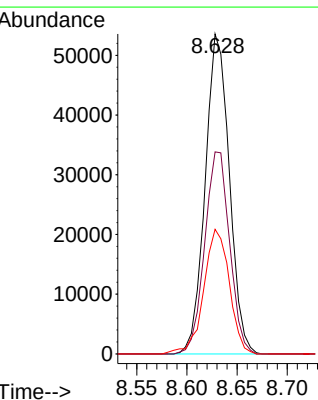
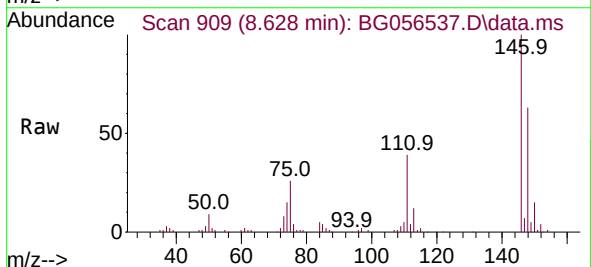
Tgt Ion:146 Resp: 89854

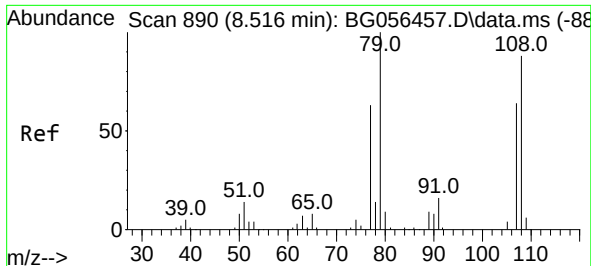
Ion Ratio Lower Upper

146 100

148 63.1 50.1 75.1

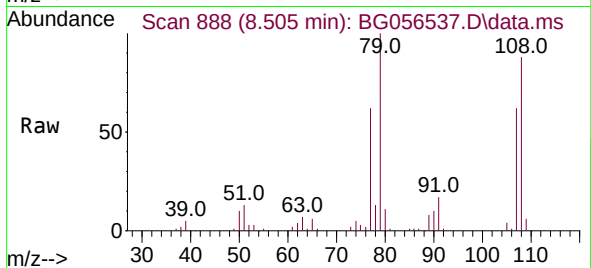
111 38.9 30.9 46.3





#15
Benzyl Alcohol
Concen: 45.817 ng
RT: 8.505 min Scan# 888
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

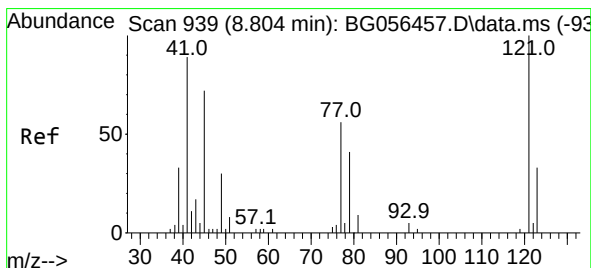
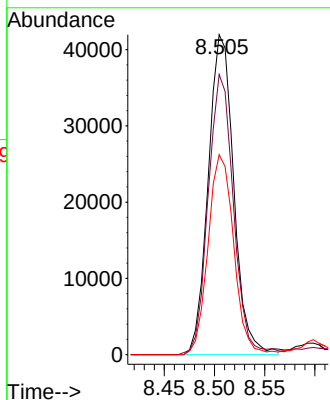
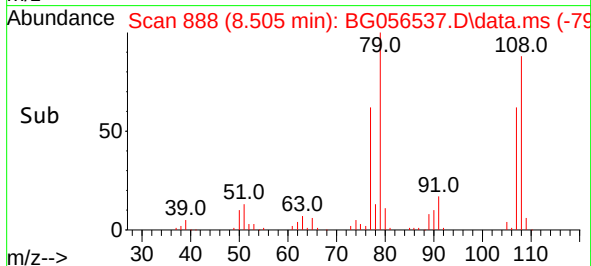
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion: 79 Resp: 7433
Ion Ratio Lower Upper
79 100
108 87.5 70.1 105.1
77 62.5 50.3 75.5

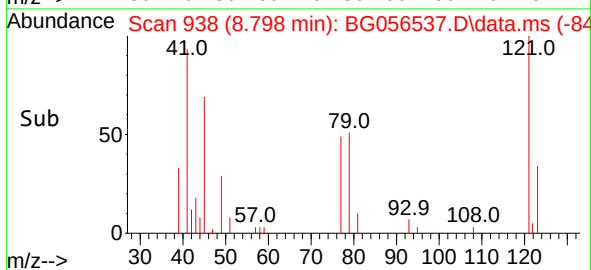
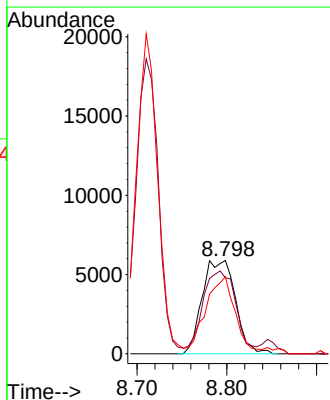
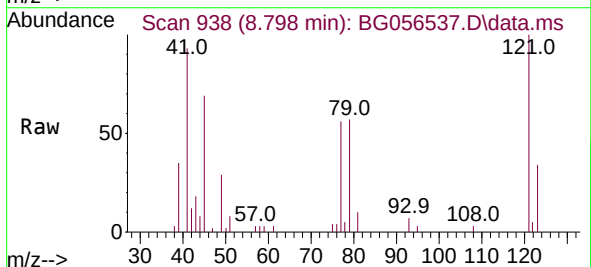
Manual Integrations
APPROVED

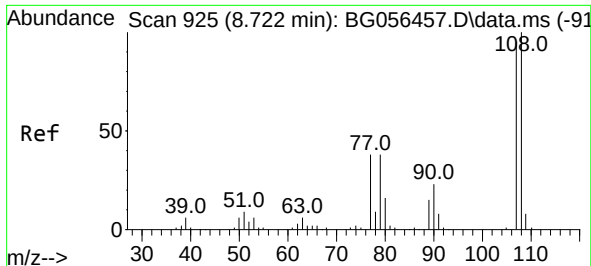
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.254 ng
RT: 8.798 min Scan# 938
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion: 45 Resp: 15140
Ion Ratio Lower Upper
45 100
77 81.5 62.1 102.1
79 82.7 42.7 82.7





#17
2-Methylphenol
Concen: 45.743 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

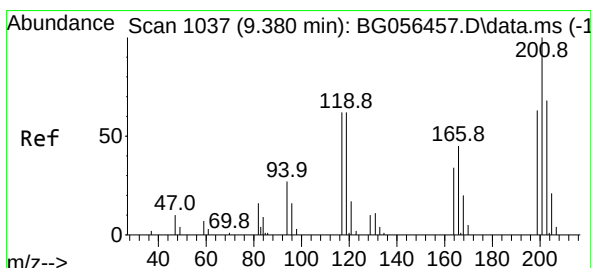
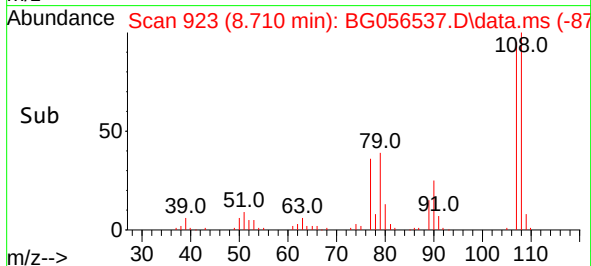
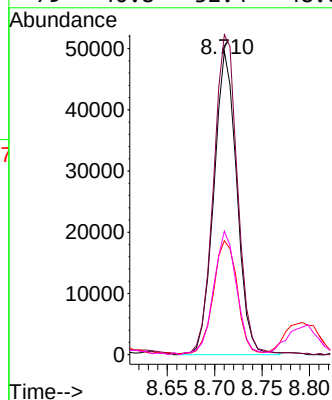
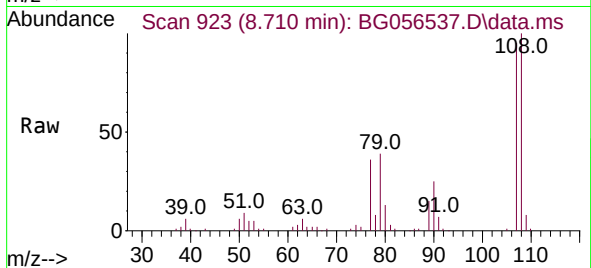
PB150480BS

Tgt Ion:107 Resp: 83639
Ion Ratio Lower Upper
107 100
108 105.6 83.9 125.9
77 37.6 31.6 47.4
79 40.8 32.4 48.6

Manual Integrations

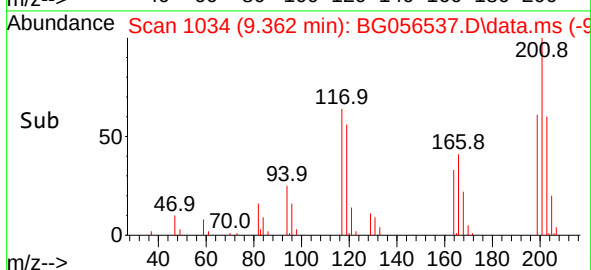
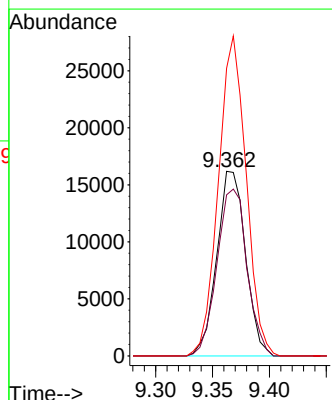
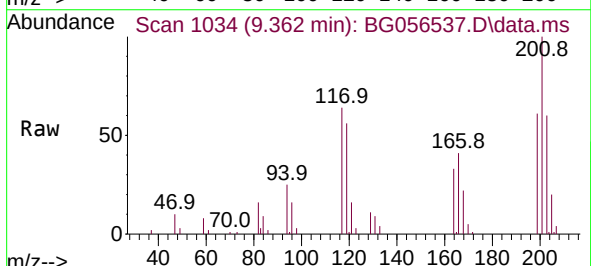
APPROVED

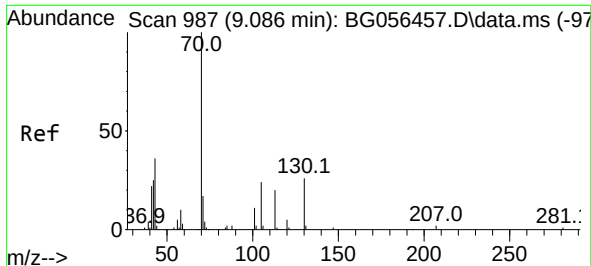
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#18
Hexachloroethane
Concen: 45.967 ng
RT: 9.362 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:117 Resp: 28422
Ion Ratio Lower Upper
117 100
119 87.2 79.4 119.0
201 155.8 128.5 192.7





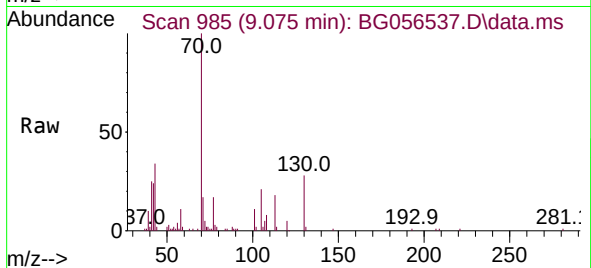
#19
n-Nitroso-di-n-propylamine
Concen: 41.357 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

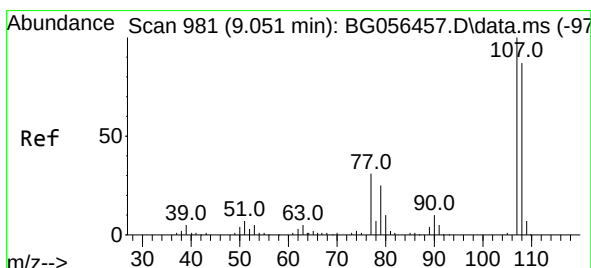
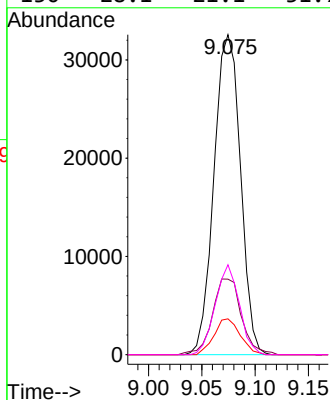
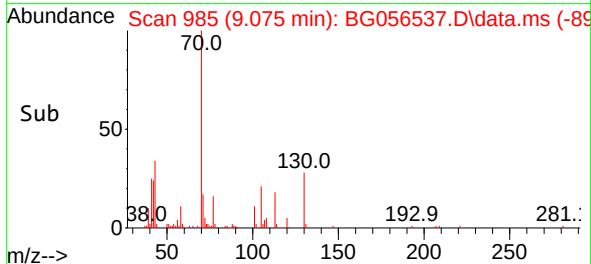


Tgt Ion: 70 Resp: 56359
Ion Ratio Lower Upper
70 100
42 23.6 20.2 30.4
101 11.2 9.1 13.7
130 28.1 21.1 31.7

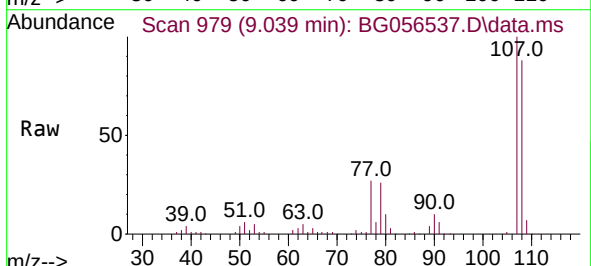
Manual Integrations

APPROVED

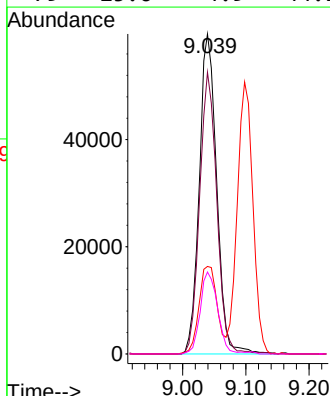
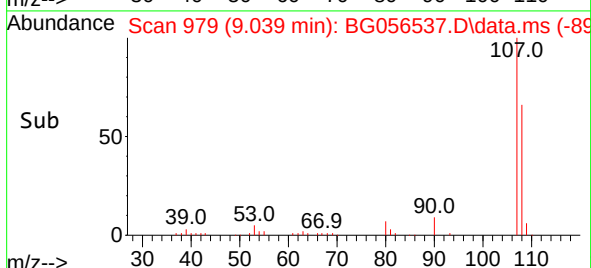
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

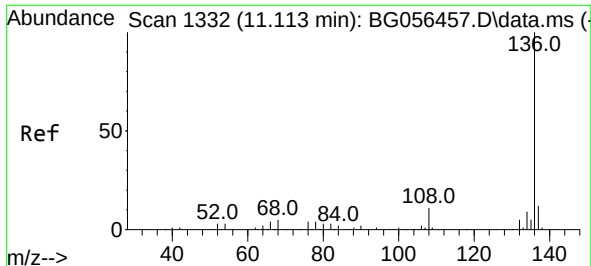


#20
3+4-Methylphenols
Concen: 44.504 ng
RT: 9.039 min Scan# 979
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:107 Resp: 114037
Ion Ratio Lower Upper
107 100
108 88.0 66.7 106.7
77 27.3 10.6 50.6
79 25.6 4.9 44.9





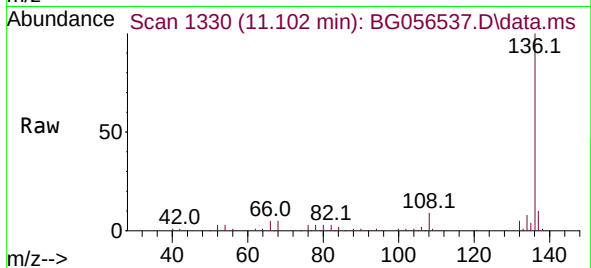
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

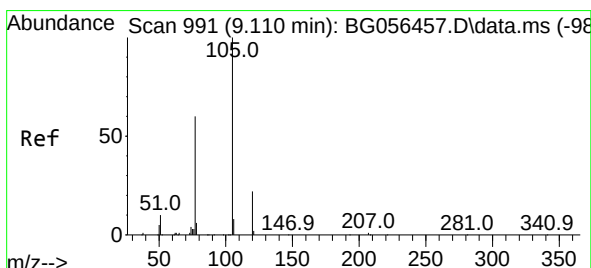
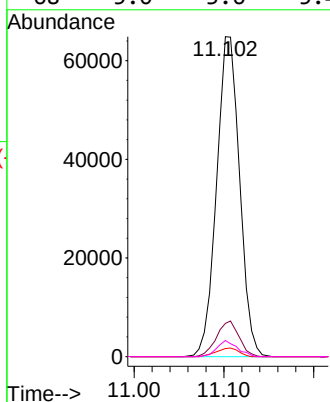
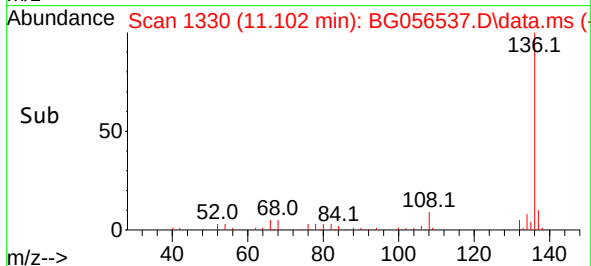


Tgt Ion:136 Resp: 115983
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 2.5 2.2 3.4
68 5.0 3.6 5.4

Manual Integrations

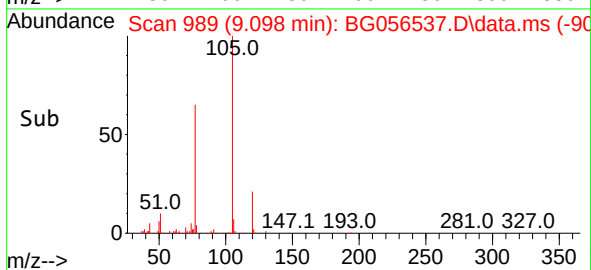
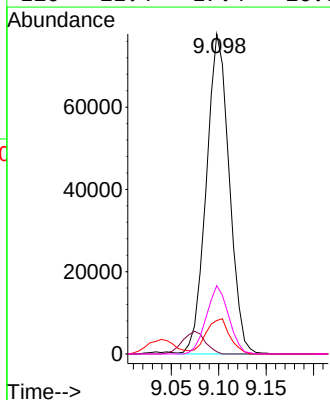
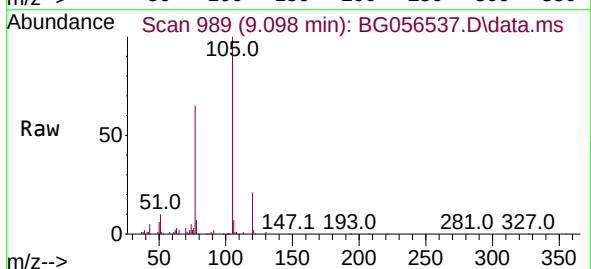
APPROVED

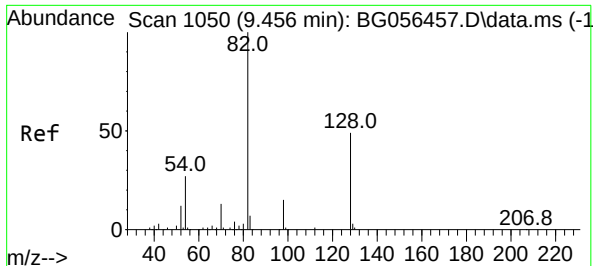
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#22
Acetophenone
Concen: 42.447 ng
RT: 9.098 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:105 Resp: 130806
Ion Ratio Lower Upper
105 100
71 0.7 0.6 0.8
51 10.4 9.2 13.8
120 21.4 17.4 26.0





#23
Nitrobenzene-d5
Concen: 67.458 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.012 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

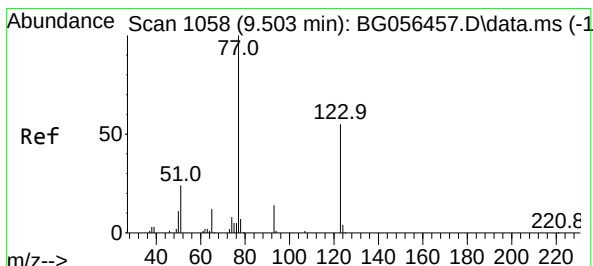
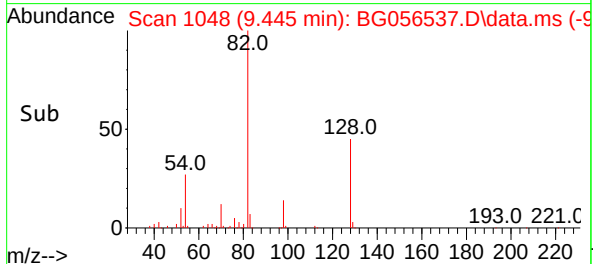
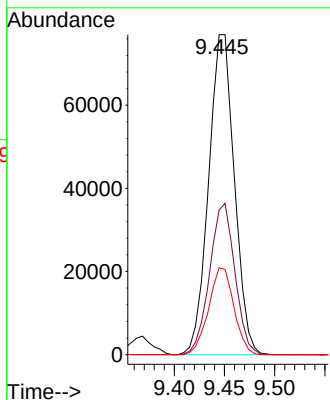
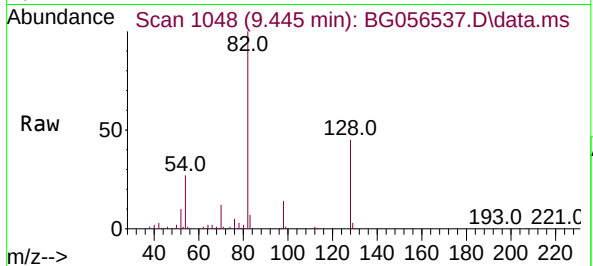
ClientSampleId :

PB150480BS

Tgt Ion: 82 Resp: 137783
Ion Ratio Lower Upper
82 100
128 45.2 39.4 59.2
54 27.2 21.4 32.2

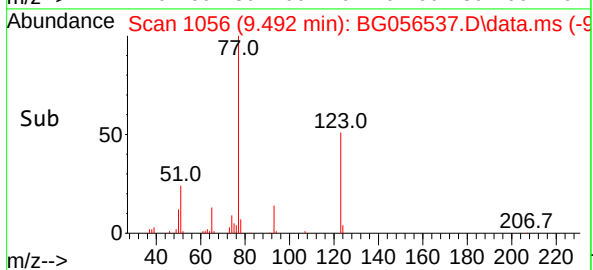
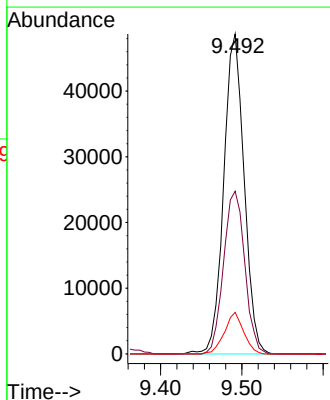
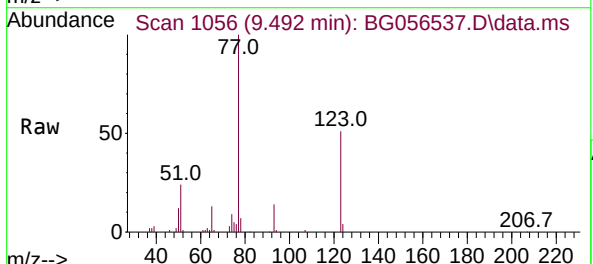
Manual Integrations
APPROVED

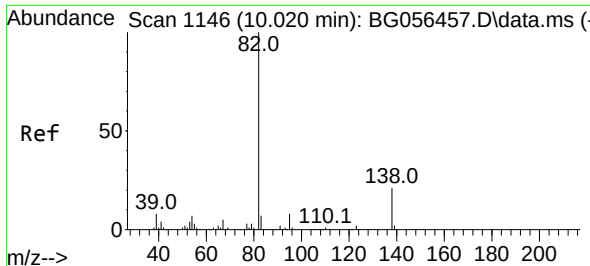
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#24
Nitrobenzene
Concen: 43.050 ng
RT: 9.492 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion: 77 Resp: 84814
Ion Ratio Lower Upper
77 100
123 50.8 44.0 66.0
65 13.0 9.7 14.5





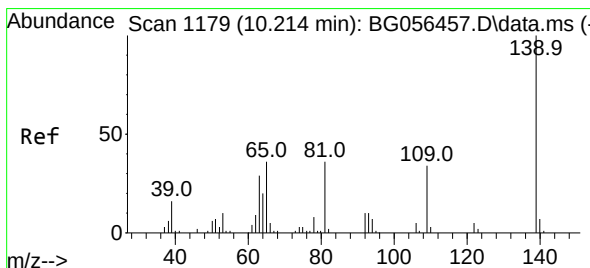
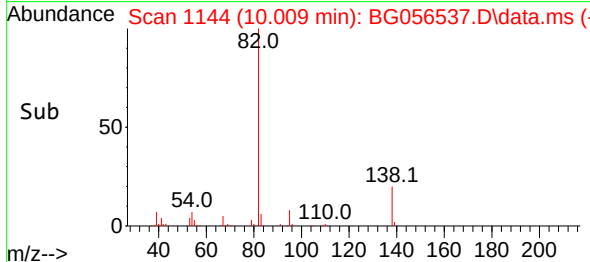
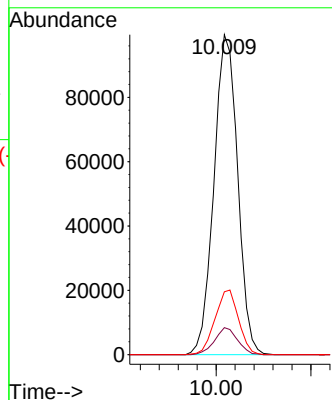
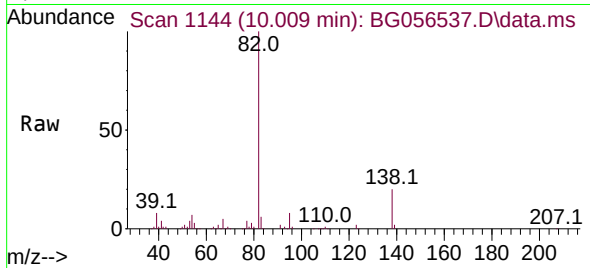
#25
Isophorone
Concen: 41.001 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :
BNA_G
ClientSampleId :
PB150480BS

Tgt Ion: 82 Resp: 172768
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 19.6 16.6 25.0

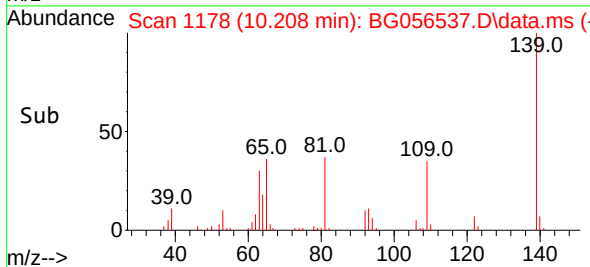
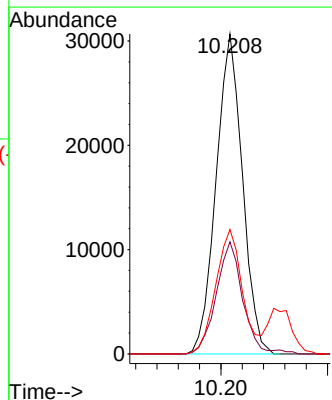
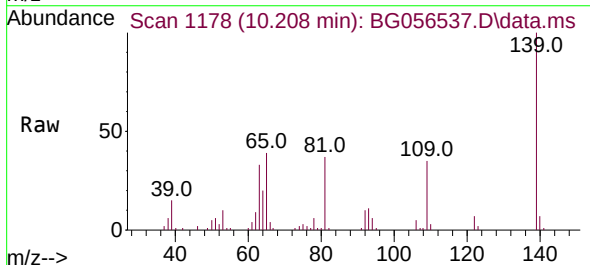
Manual Integrations
APPROVED

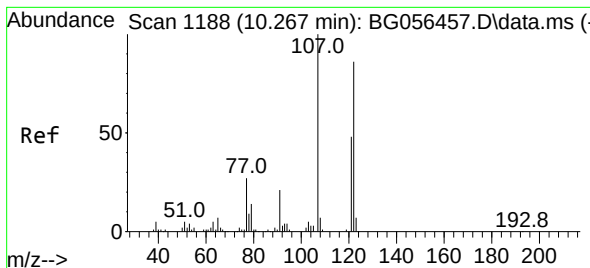
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#26
2-Nitrophenol
Concen: 44.048 ng
RT: 10.208 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

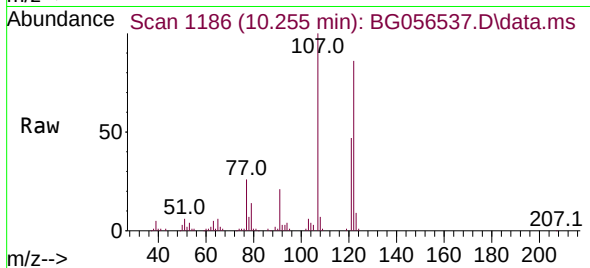
Tgt Ion:139 Resp: 52653
Ion Ratio Lower Upper
139 100
109 35.0 26.9 40.3
65 38.9 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 47.406 ng m
RT: 10.255 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

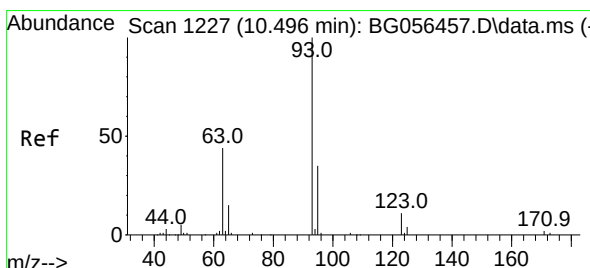
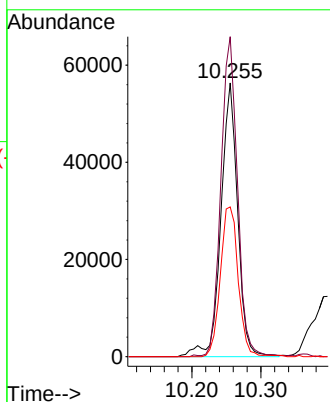
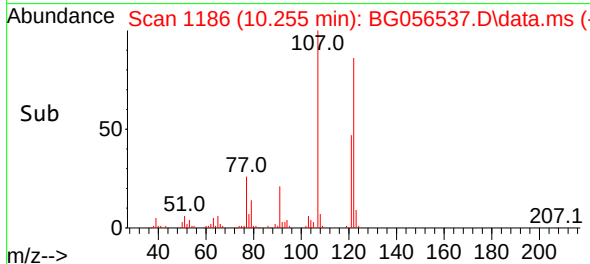
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion:122 Resp: 94835
Ion Ratio Lower Upper
122 100
107 116.9 92.9 139.3
121 54.7 45.0 67.4

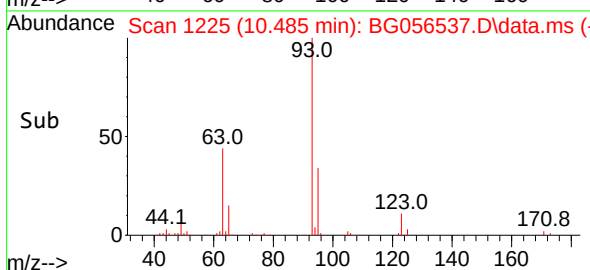
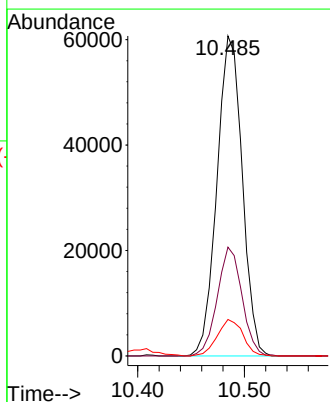
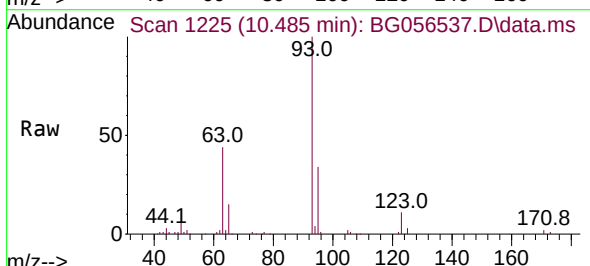
Manual Integrations
APPROVED

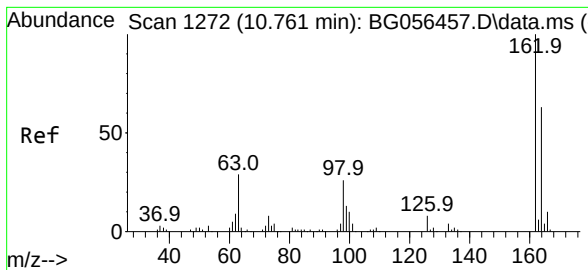
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.012 ng
RT: 10.485 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

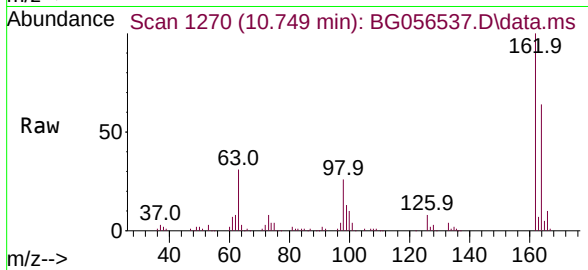
Tgt Ion: 93 Resp: 100122
Ion Ratio Lower Upper
93 100
95 34.0 27.9 41.9
123 11.4 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 48.038 ng
RT: 10.749 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

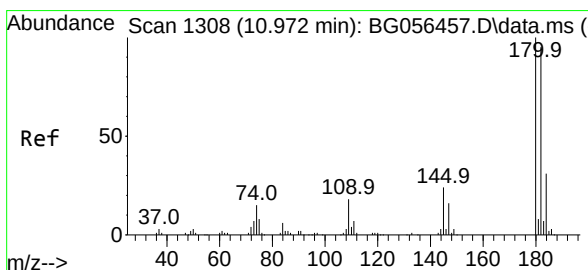
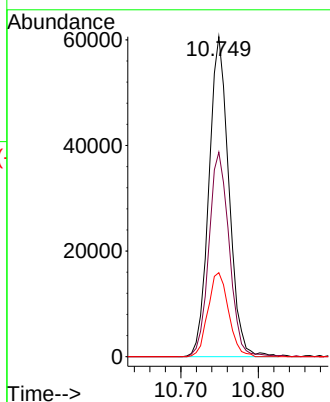
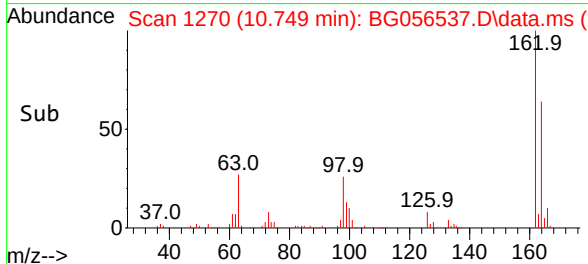
Instrument :
BNA_G
ClientSampleId :
PB150480BS



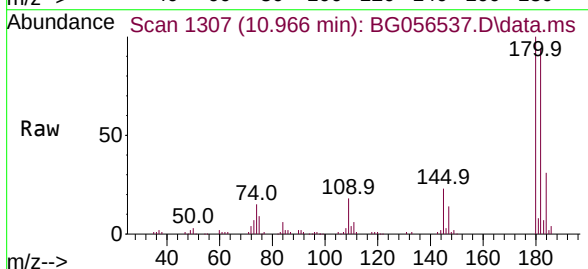
Tgt Ion:162 Resp: 108173
Ion Ratio Lower Upper
162 100
164 63.9 42.8 82.8
98 26.2 6.5 46.5

Manual Integrations
APPROVED

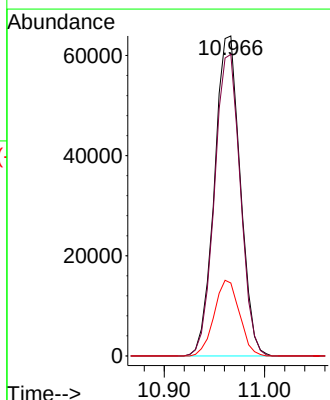
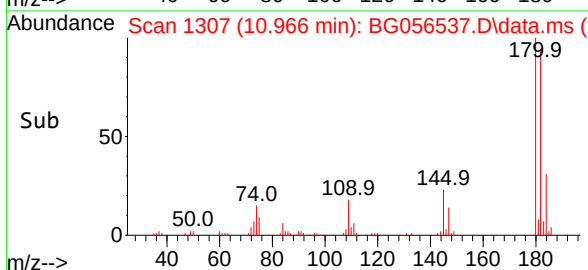
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

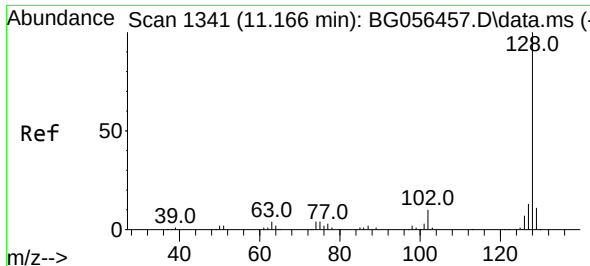


#30
1,2,4-Trichlorobenzene
Concen: 45.579 ng
RT: 10.966 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



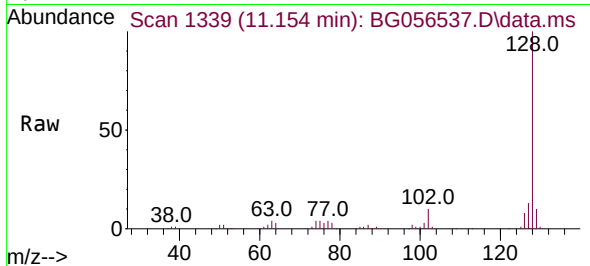
Tgt Ion:180 Resp: 114052
Ion Ratio Lower Upper
180 100
182 94.2 75.9 113.9
145 22.8 19.4 29.0





#31
Naphthalene
Concen: 43.858 ng
RT: 11.154 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

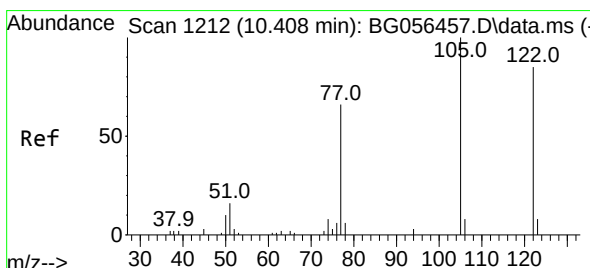
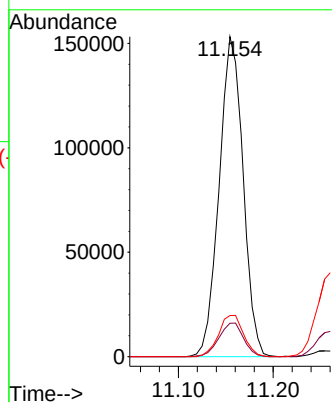
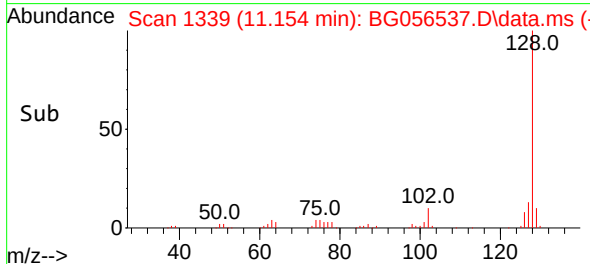
Instrument :
BNA_G
ClientSampleId :
PB150480BS



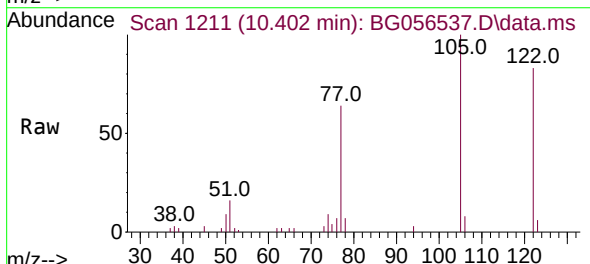
Tgt Ion:128 Resp: 268484
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.8 10.4 15.6

Manual Integrations
APPROVED

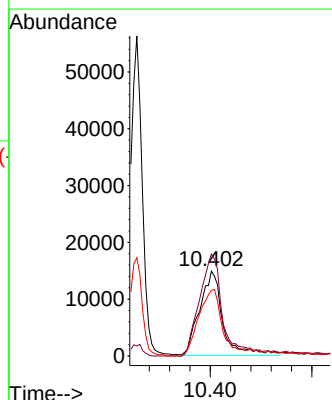
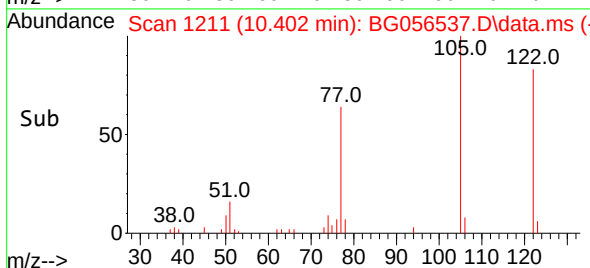
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

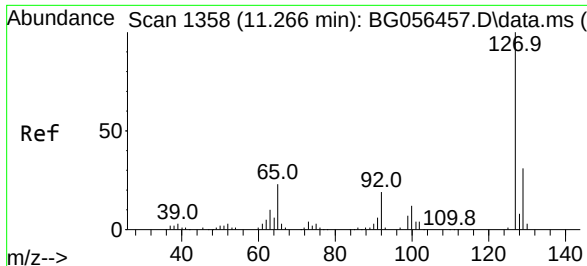


#32
Benzoic acid
Concen: 42.251 ng m
RT: 10.402 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:122 Resp: 47289
Ion Ratio Lower Upper
122 100
105 120.0 96.5 136.5
77 77.2 57.3 97.3





#33
4-Chloroaniline
Concen: 27.543 ng
RT: 11.260 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

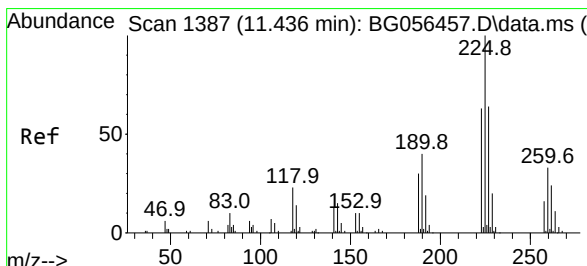
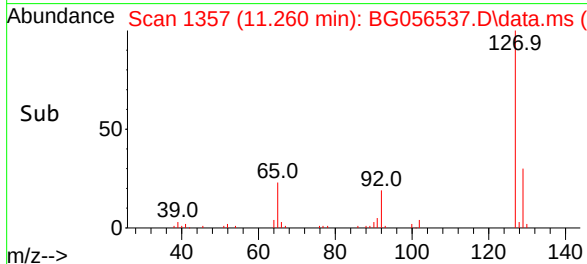
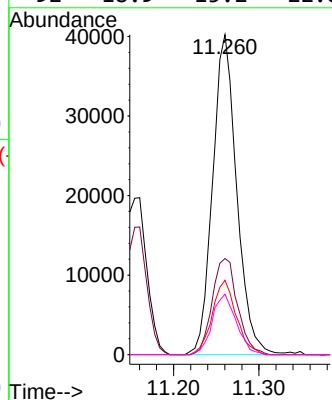
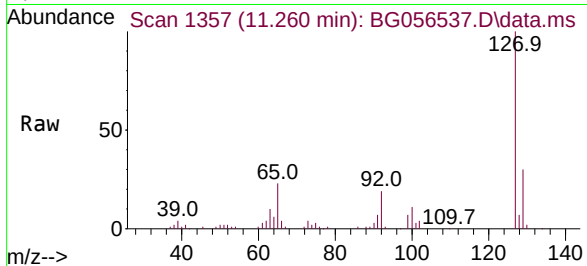
PB150480BS

Tgt Ion:127 Resp: 78703
Ion Ratio Lower Upper
127 100
129 30.0 25.0 37.6
65 23.2 18.5 27.7
92 18.9 15.2 22.8

Manual Integrations

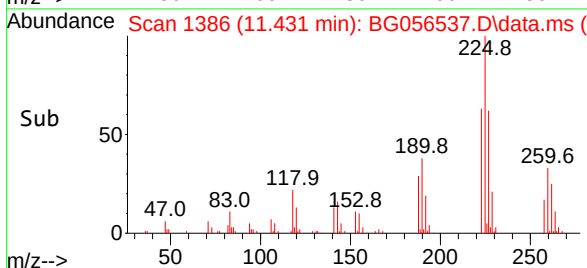
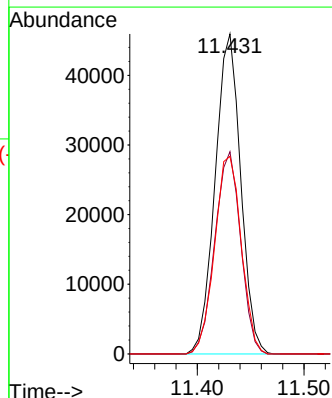
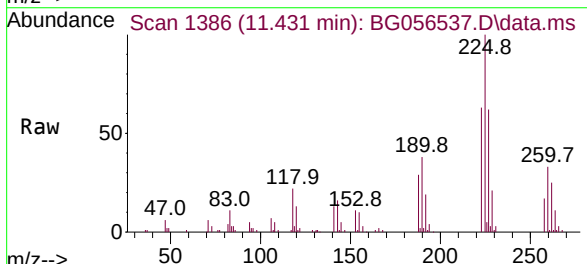
APPROVED

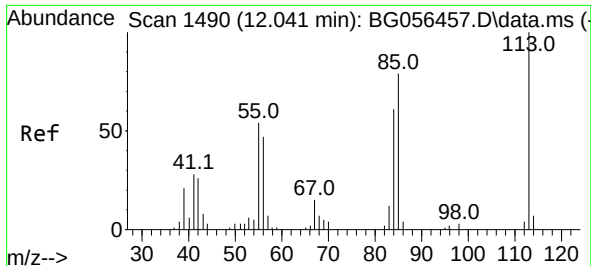
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#34
Hexachlorobutadiene
Concen: 43.657 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:225 Resp: 76682
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 61.7 53.7 80.5





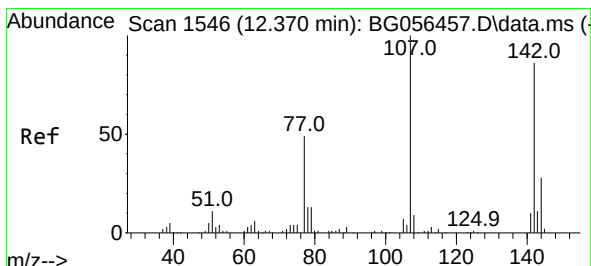
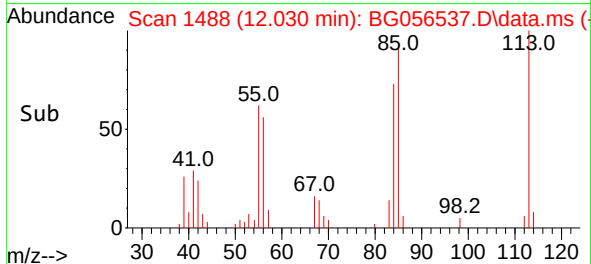
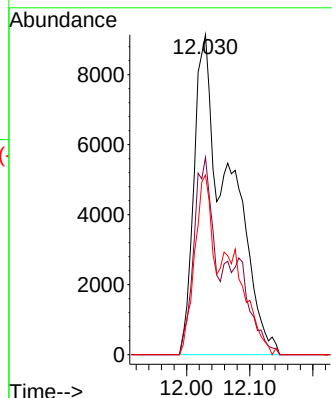
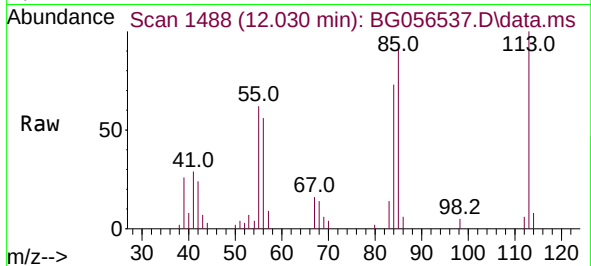
#35
Caprolactam
Concen: 46.599 ng m
RT: 12.030 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :
BNA_G
ClientSampleId :
PB150480BS

Tgt Ion:113 Resp: 35389
Ion Ratio Lower Upper
113 100
55 61.6 33.7 73.7
56 56.1 27.1 67.1

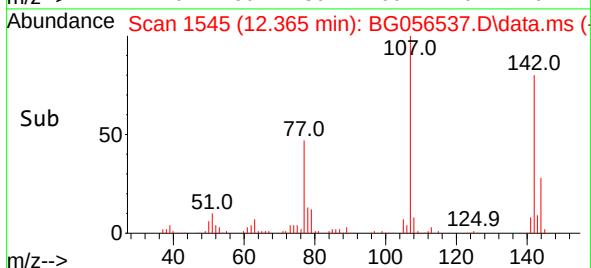
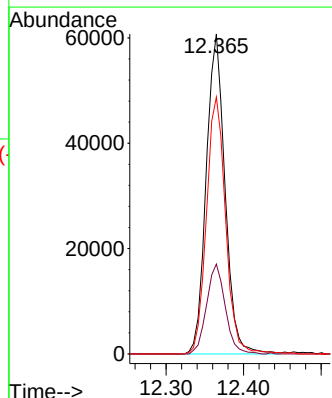
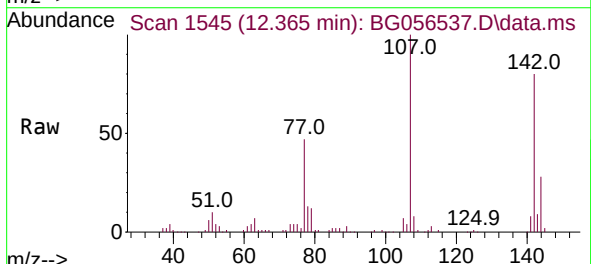
Manual Integrations
APPROVED

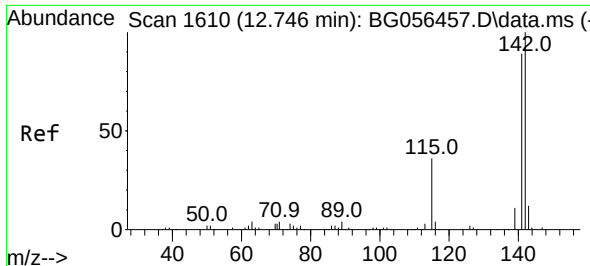
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#36
4-Chloro-3-methylphenol
Concen: 47.075 ng
RT: 12.365 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:107 Resp: 102370
Ion Ratio Lower Upper
107 100
144 28.1 22.3 33.5
142 80.3 68.9 103.3





#37
2-Methylnaphthalene
Concen: 41.443 ng
RT: 12.741 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

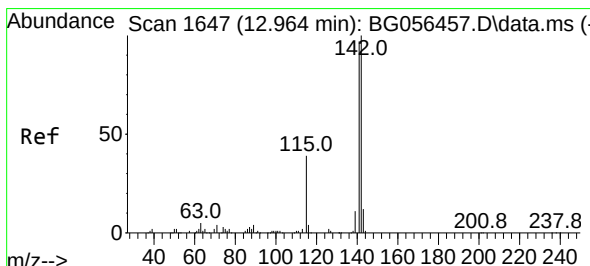
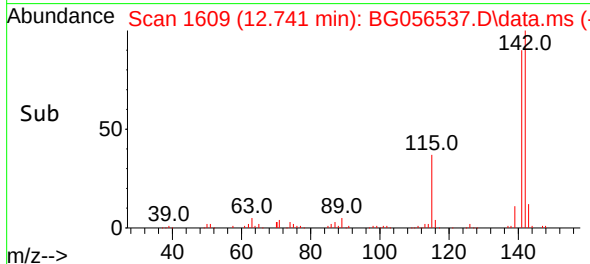
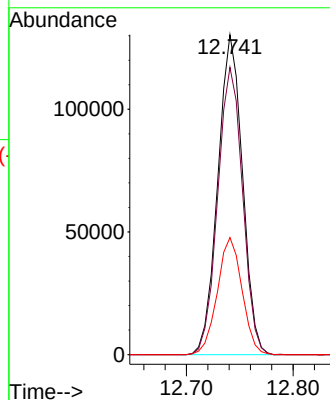
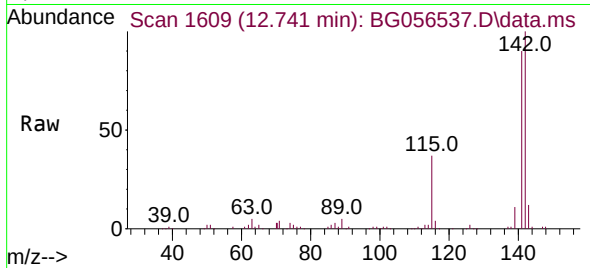
PB150480BS

Tgt Ion:142 Resp: 20915
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0
115 36.6 28.4 42.6

Manual Integrations

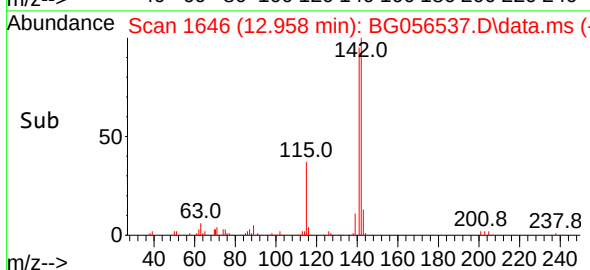
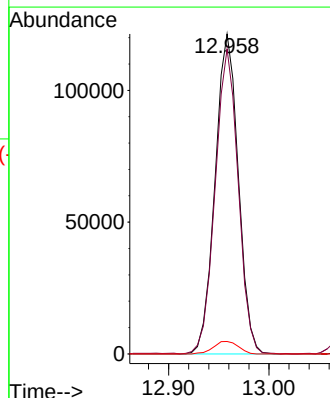
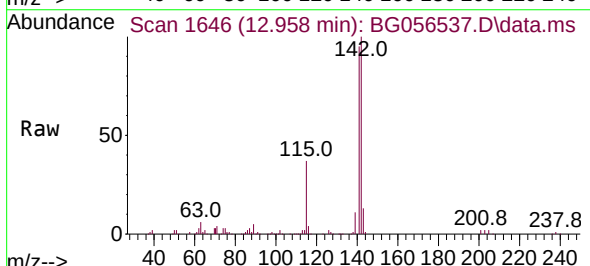
APPROVED

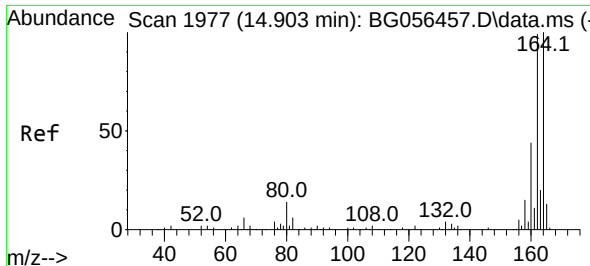
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#38
1-Methylnaphthalene
Concen: 41.411 ng
RT: 12.958 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:142 Resp: 195184
Ion Ratio Lower Upper
142 100
141 95.3 77.7 116.5
116 3.9 3.4 5.2





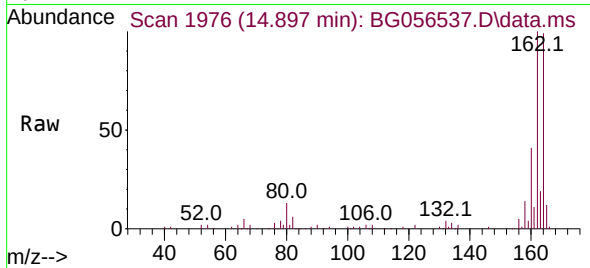
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

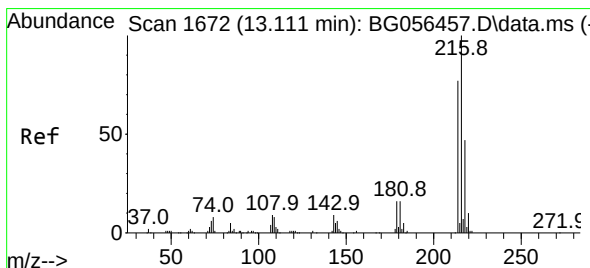
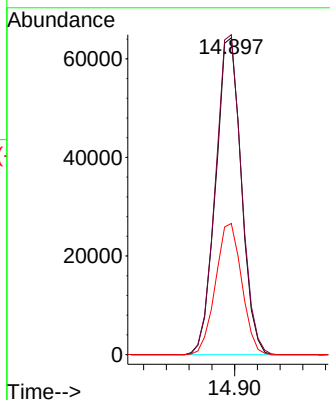
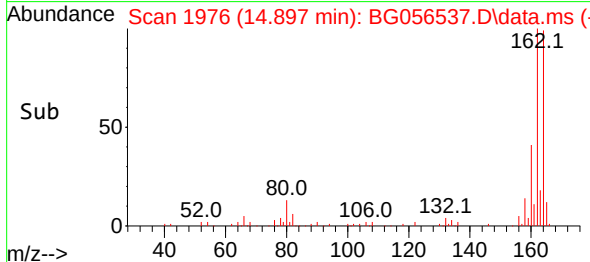


Tgt Ion:164 Resp: 100186
Ion Ratio Lower Upper
164 100
162 101.0 79.6 119.4
160 41.4 34.9 52.3

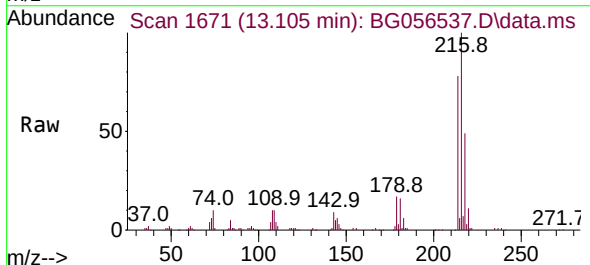
Manual Integrations

APPROVED

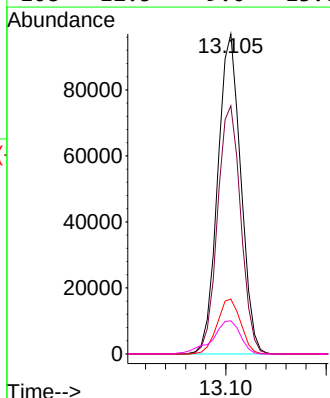
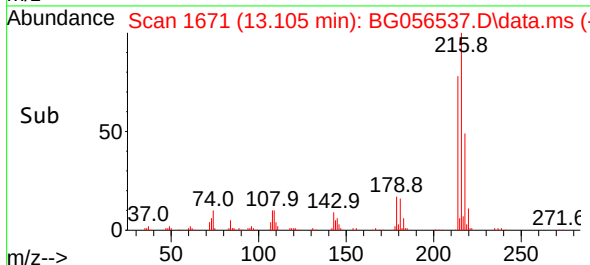
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

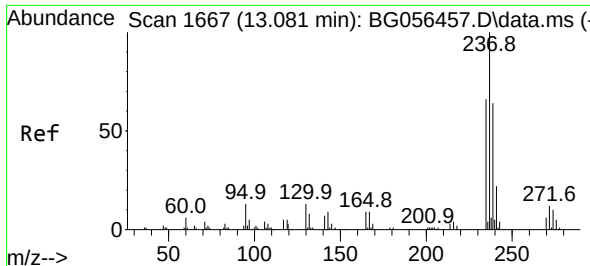


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.256 ng
RT: 13.105 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



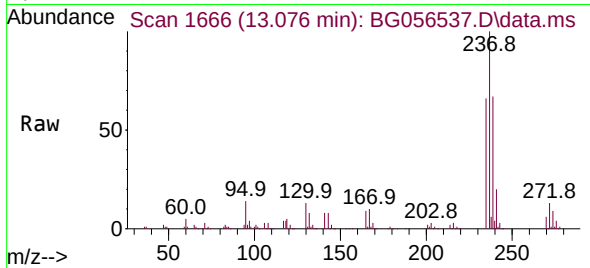
Tgt Ion:216 Resp: 154662
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 17.5 14.1 21.1
108 12.5 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 78.444 ng
RT: 13.076 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

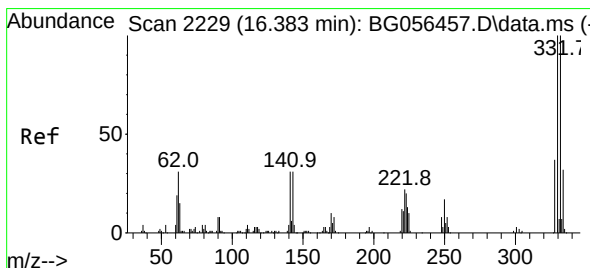
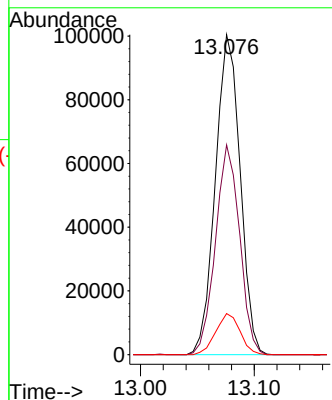
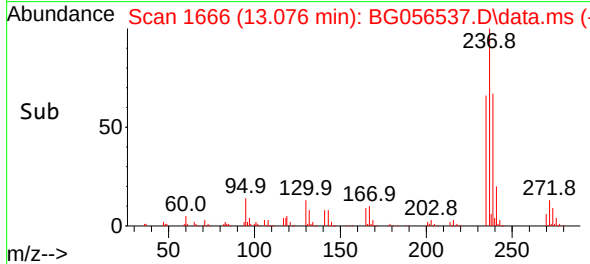
Instrument :
BNA_G
ClientSampleId :
PB150480BS



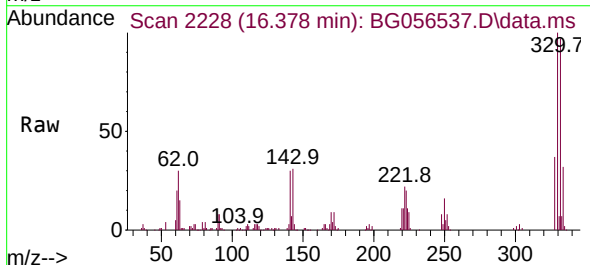
Tgt Ion:237 Resp: 151939
Ion Ratio Lower Upper
237 100
235 65.5 45.6 85.6
272 12.8 0.0 32.3

Manual Integrations
APPROVED

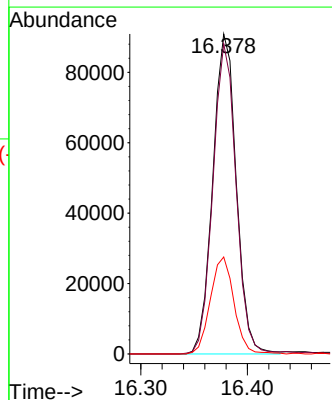
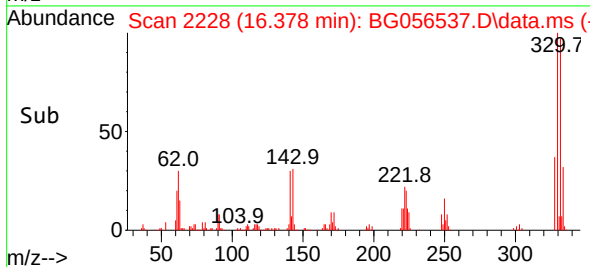
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

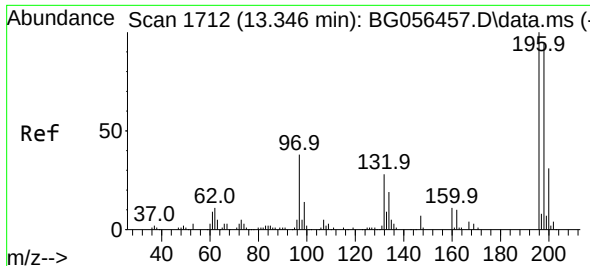


#42
2,4,6-Tribromophenol
Concen: 104.780 ng
RT: 16.378 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:330 Resp: 139558
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.6
141 30.3 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 44.088 ng
RT: 13.340 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

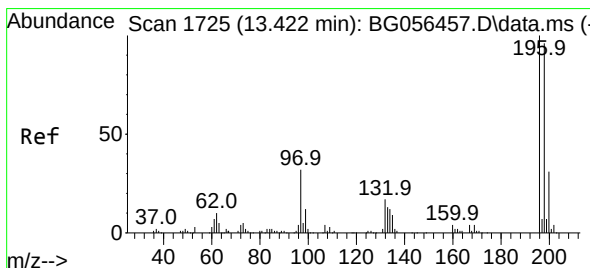
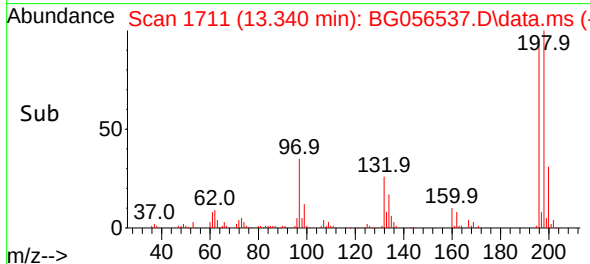
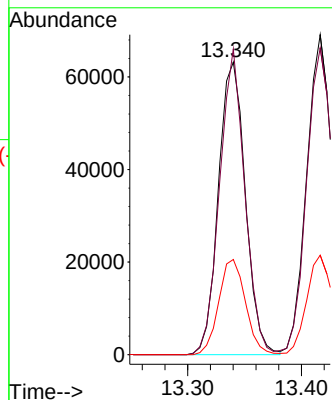
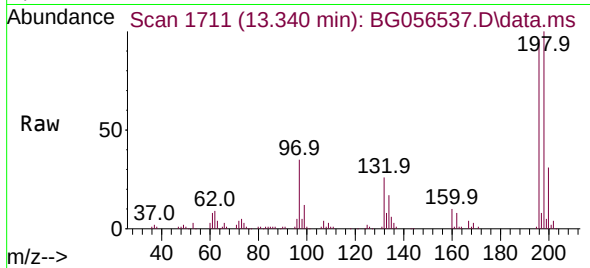
ClientSampleId :

PB150480BS

Tgt Ion:196 Resp: 103989
Ion Ratio Lower Upper
196 100
198 104.5 75.4 113.0
200 32.5 25.0 37.6

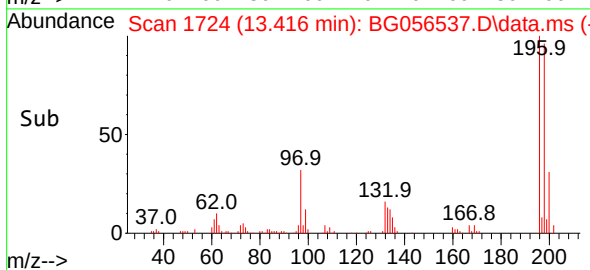
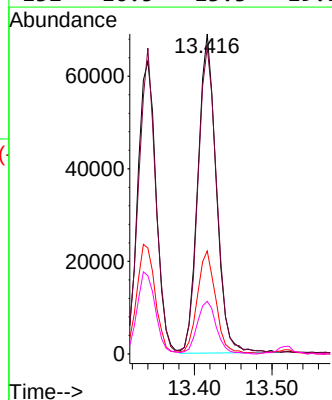
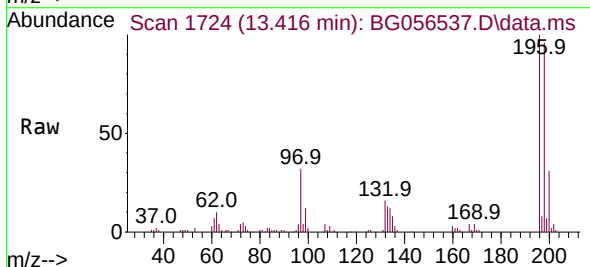
Manual Integrations
APPROVED

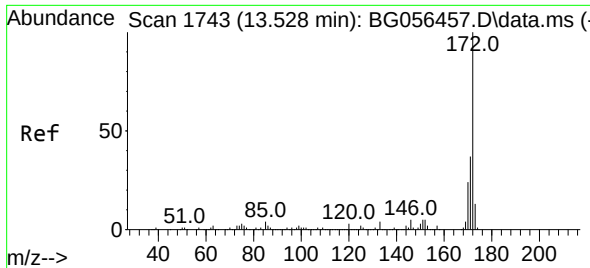
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#44
2,4,5-Trichlorophenol
Concen: 41.078 ng
RT: 13.416 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

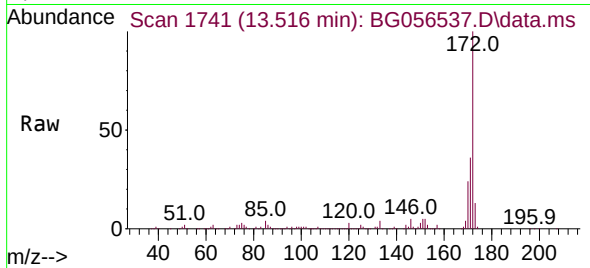
Tgt Ion:196 Resp: 113441
Ion Ratio Lower Upper
196 100
198 95.9 76.9 115.3
97 32.2 25.8 38.6
132 16.5 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 65.042 ng
RT: 13.516 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

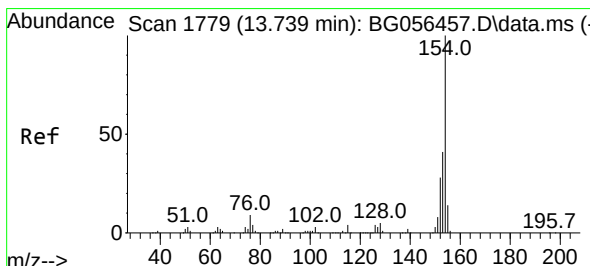
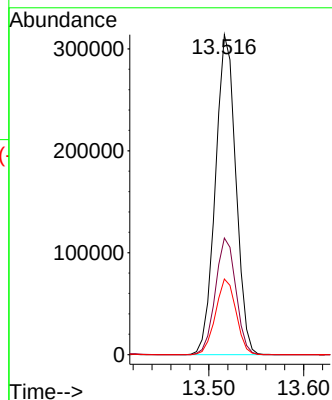
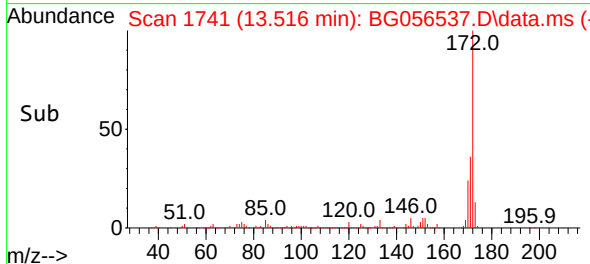
Instrument :
BNA_G
ClientSampleId :
PB150480BS



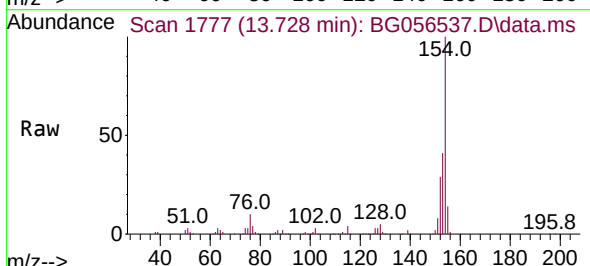
Tgt Ion:172 Resp: 470005
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 23.6 19.2 28.8

Manual Integrations
APPROVED

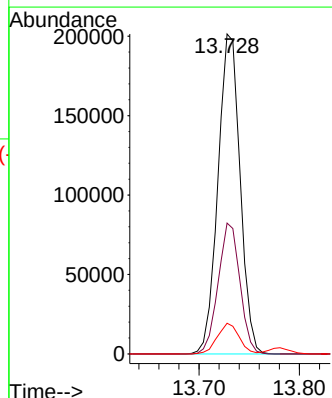
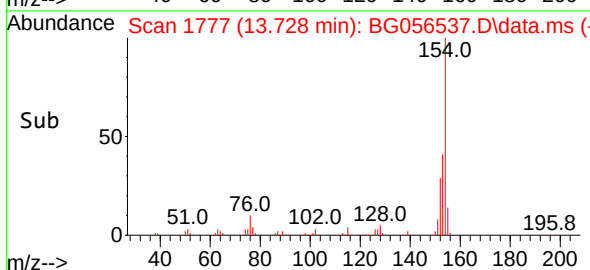
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

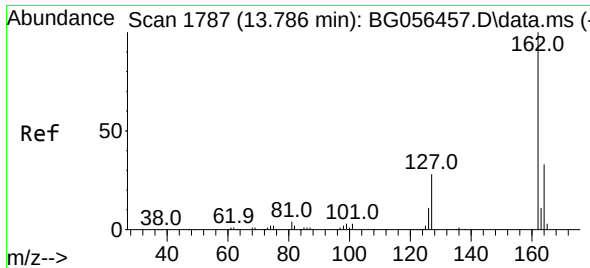


#46
1,1'-Biphenyl
Concen: 42.499 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



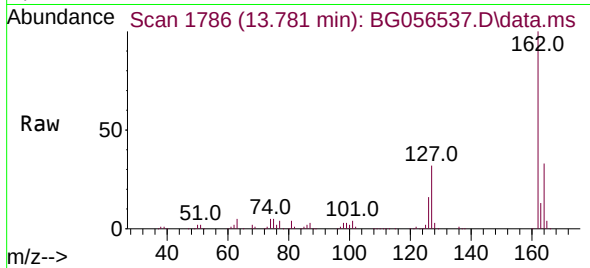
Tgt Ion:154 Resp: 308828
Ion Ratio Lower Upper
154 100
153 40.9 21.5 61.5
76 9.6 0.0 28.8





#47
2-Chloronaphthalene
Concen: 43.367 ng
RT: 13.781 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

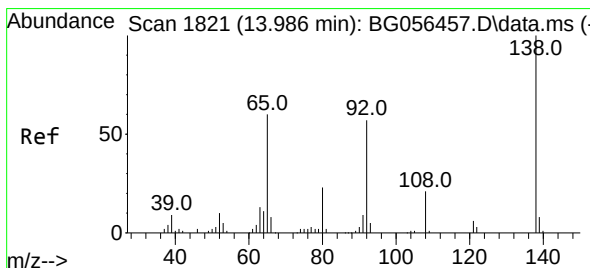
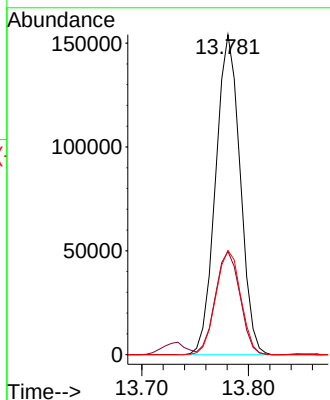
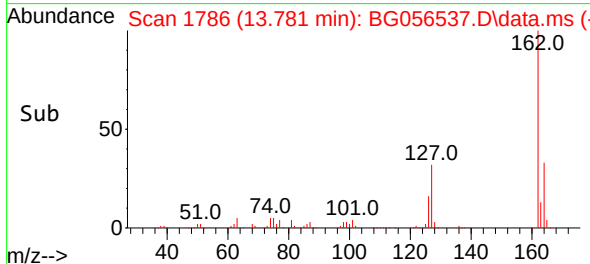
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion:162 Resp: 246323
Ion Ratio Lower Upper
162 100
127 32.2 25.2 37.8
164 32.5 26.2 39.2

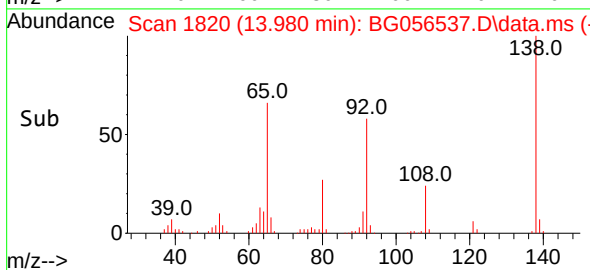
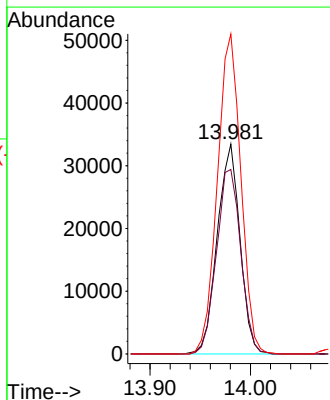
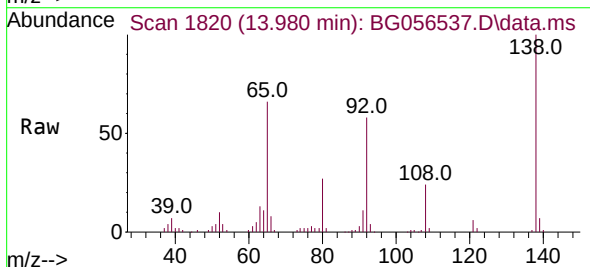
Manual Integrations
APPROVED

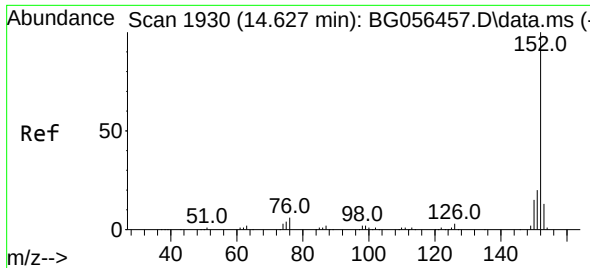
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#48
2-Nitroaniline
Concen: 44.812 ng
RT: 13.980 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion: 65 Resp: 52617
Ion Ratio Lower Upper
65 100
92 87.8 75.8 113.6
138 152.4 133.2 199.8





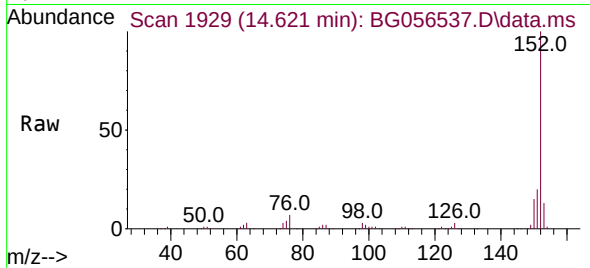
#49
Acenaphthylene
Concen: 42.585 ng
RT: 14.621 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

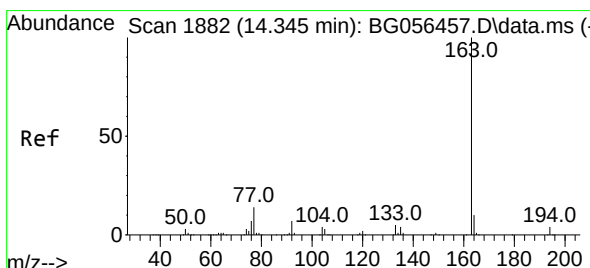
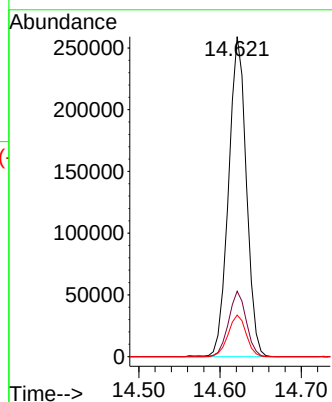
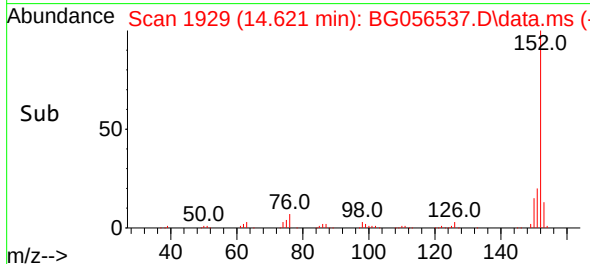


Tgt Ion:152 Resp: 393533
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.0 10.5 15.7

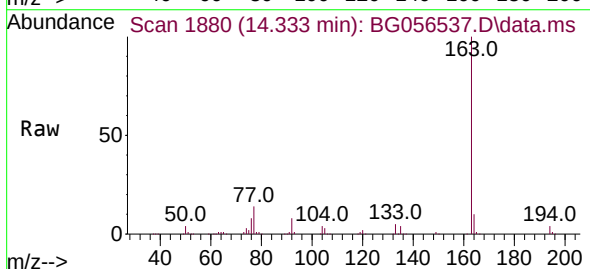
Manual Integrations

APPROVED

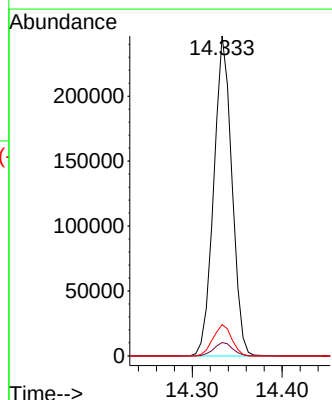
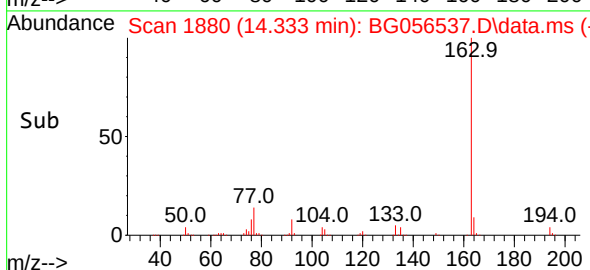
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

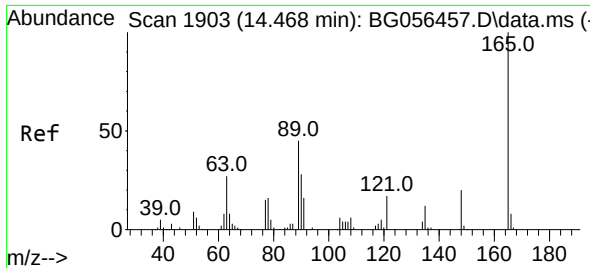


#50
Dimethylphthalate
Concen: 42.723 ng
RT: 14.333 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:163 Resp: 346281
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.854 ng
RT: 14.462 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

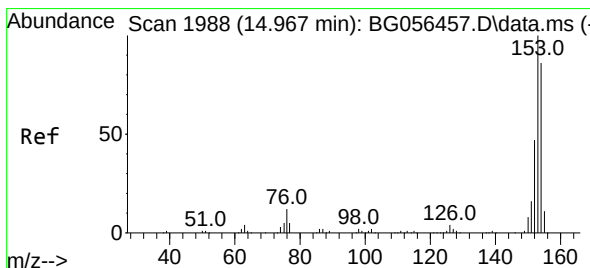
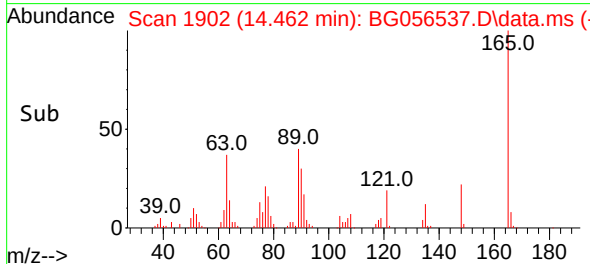
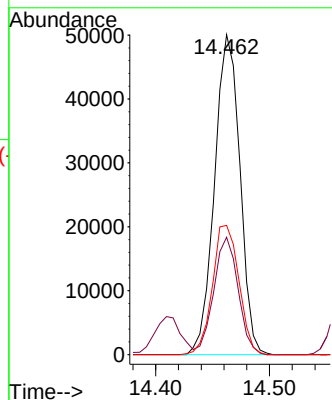
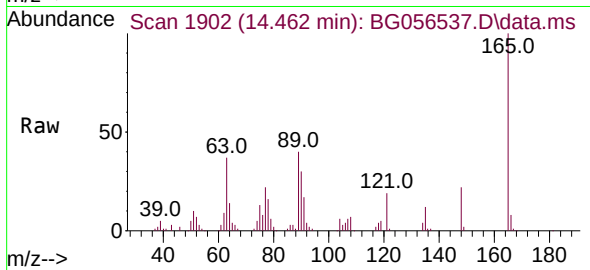
PB150480BS

Tgt Ion:165 Resp: 77515
Ion Ratio Lower Upper
165 100
63 36.7 26.9 40.3
89 40.4 35.6 53.4

Manual Integrations

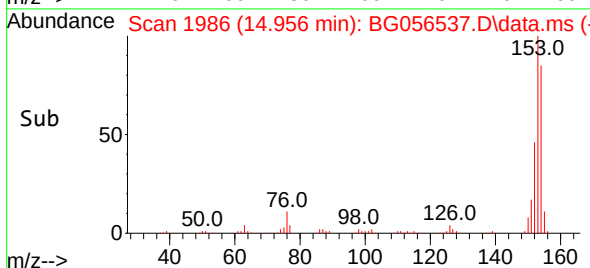
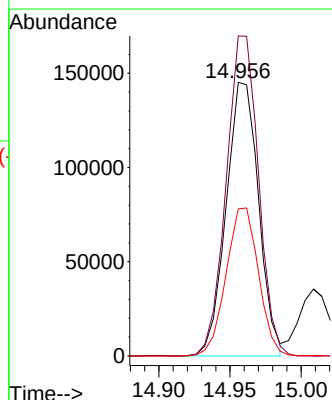
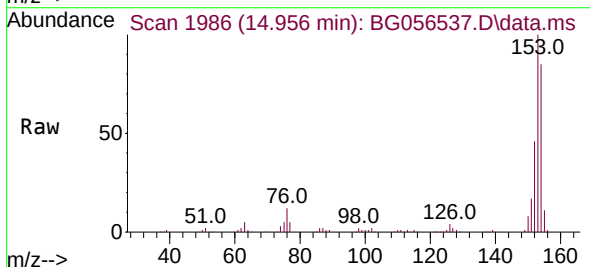
APPROVED

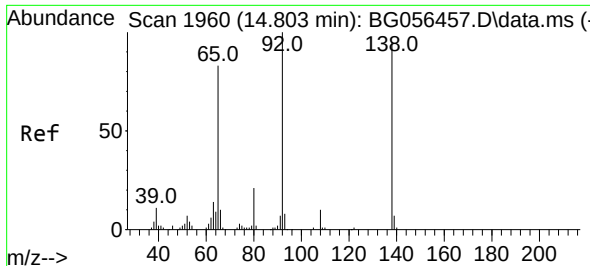
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#52
Acenaphthene
Concen: 42.072 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:154 Resp: 230557
Ion Ratio Lower Upper
154 100
153 117.0 93.4 140.0
152 53.7 43.4 65.2





#53
3-Nitroaniline
Concen: 30.676 ng
RT: 14.797 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

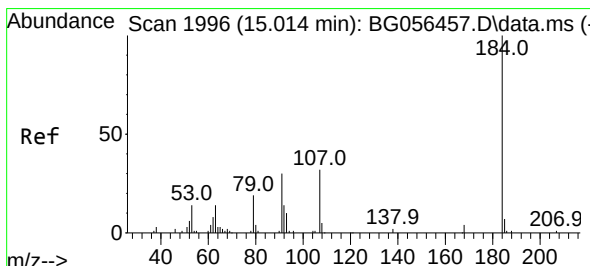
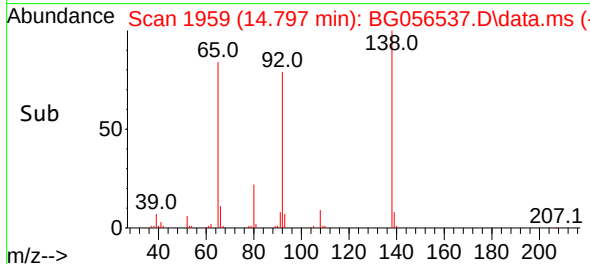
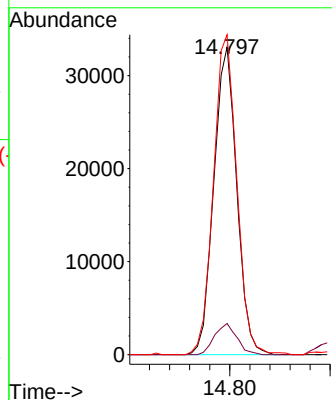
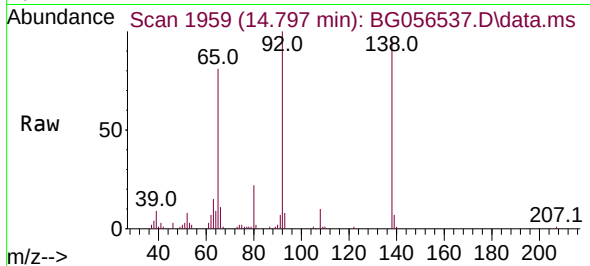
ClientSampleId :

PB150480BS

Tgt Ion:138 Resp: 52562
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 104.0 84.1 126.1

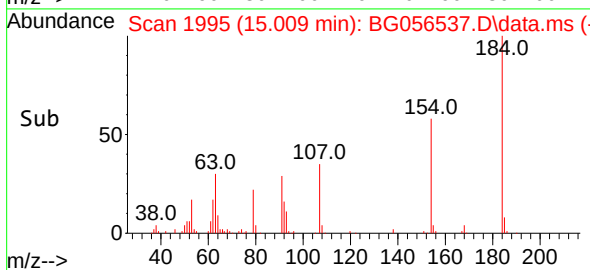
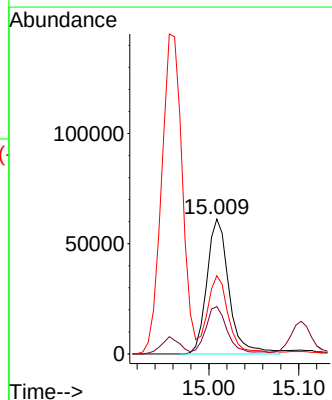
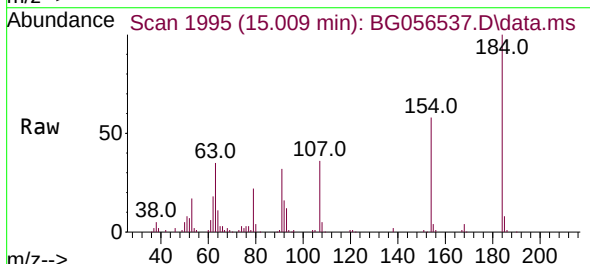
Manual Integrations
APPROVED

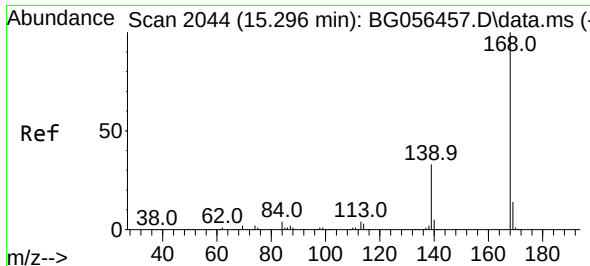
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#54
2,4-Dinitrophenol
Concen: 94.402 ng
RT: 15.009 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:184 Resp: 104610
Ion Ratio Lower Upper
184 100
63 35.1 25.1 37.7
154 58.0 44.8 67.2





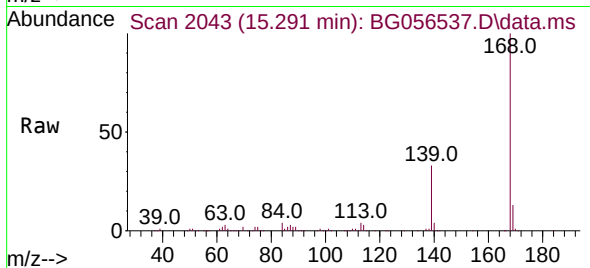
#55
Dibenzenofuran
Concen: 42.564 ng
RT: 15.291 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

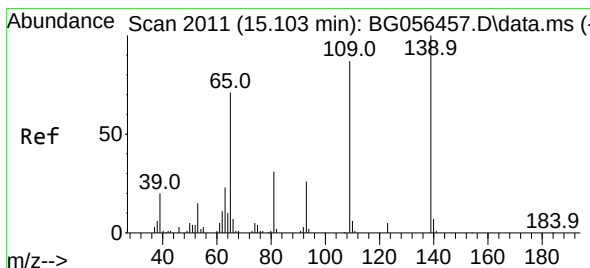
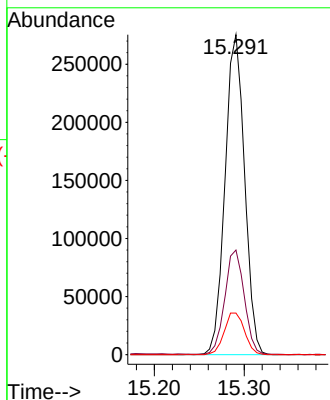
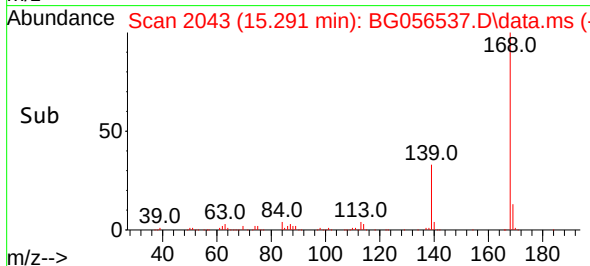


Tgt Ion:168 Resp: 418312
Ion Ratio Lower Upper
168 100
139 32.7 26.2 39.2
169 13.0 11.0 16.6

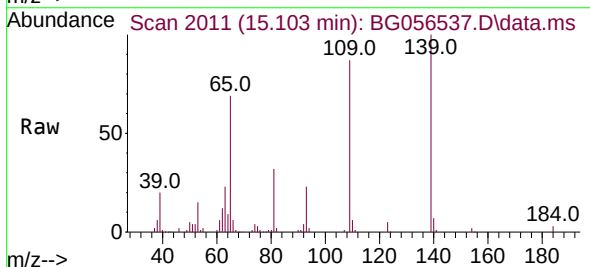
Manual Integrations

APPROVED

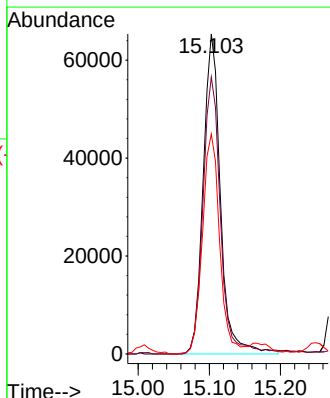
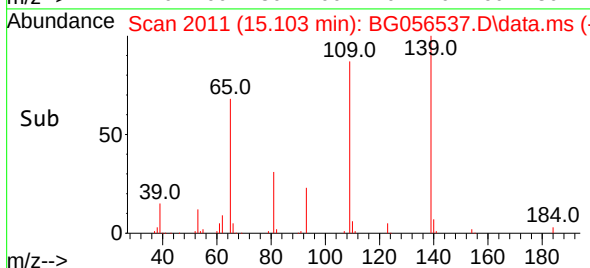
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

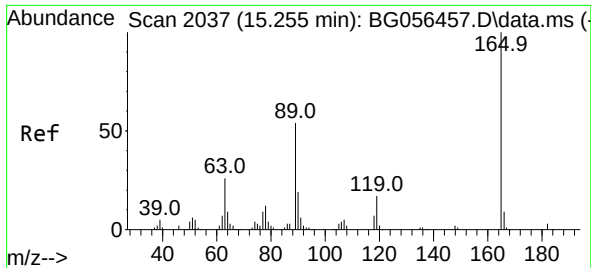


#56
4-Nitrophenol
Concen: 93.563 ng
RT: 15.103 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:139 Resp: 109554
Ion Ratio Lower Upper
139 100
109 86.5 67.5 107.5
65 68.7 50.7 90.7





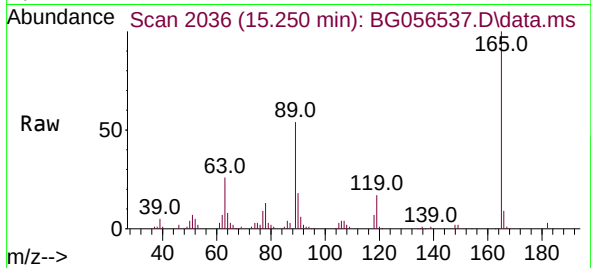
#57
2,4-Dinitrotoluene
Concen: 44.830 ng
RT: 15.250 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

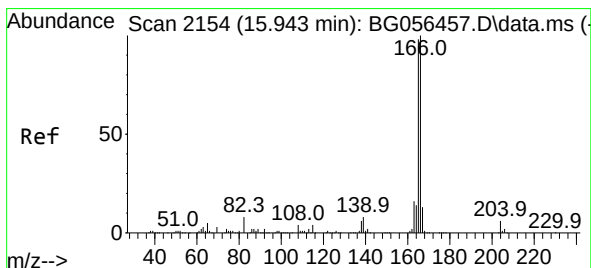
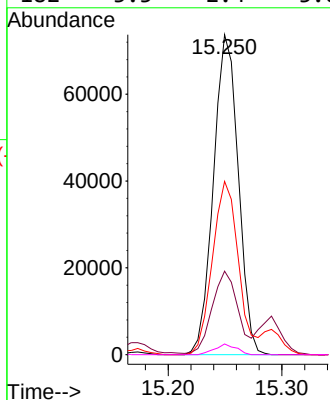
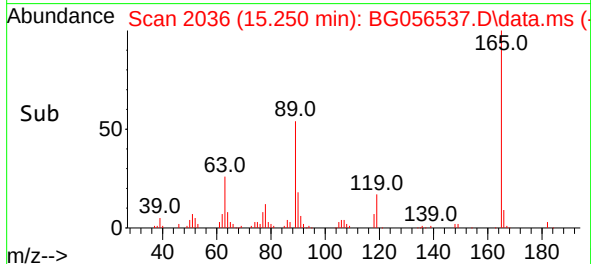


Tgt Ion:165 Resp: 111616
Ion Ratio Lower Upper
165 100
63 26.1 20.6 31.0
89 54.1 43.1 64.7
182 3.3 2.4 3.6

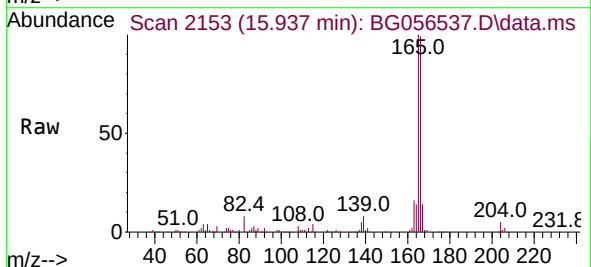
Manual Integrations

APPROVED

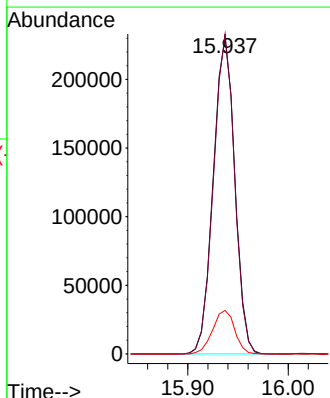
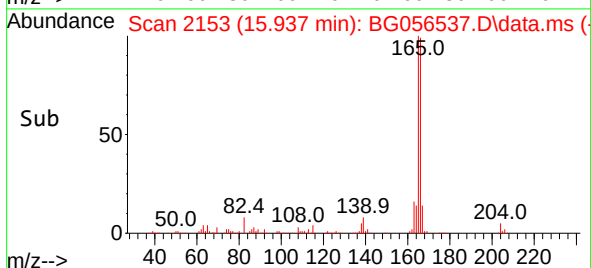
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

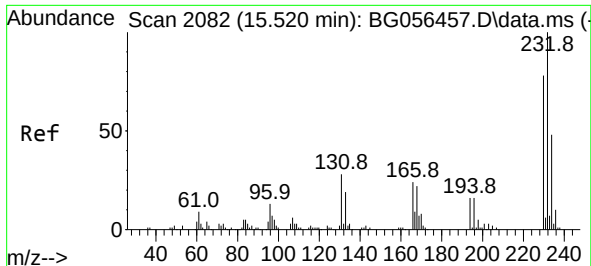


#58
Fluorene
Concen: 43.966 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:166 Resp: 343818
Ion Ratio Lower Upper
166 100
165 101.2 78.8 118.2
167 13.7 10.6 15.8





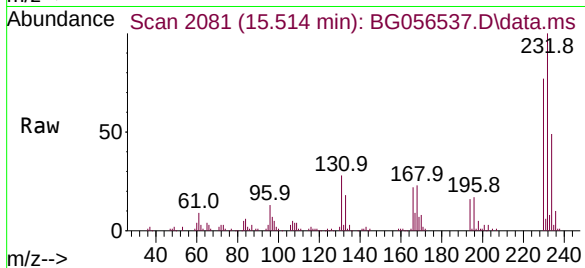
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.367 ng
RT: 15.514 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

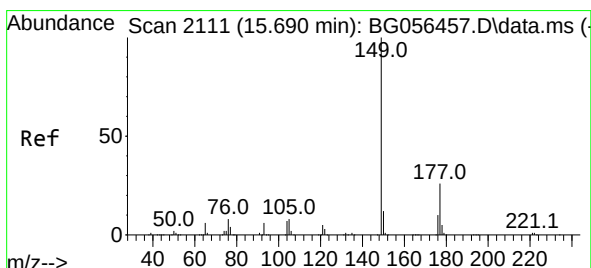
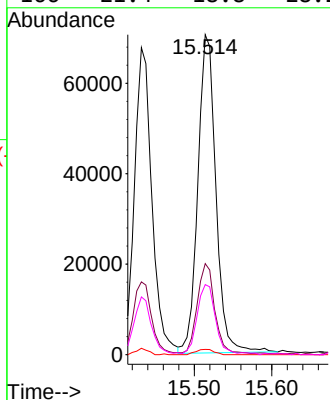
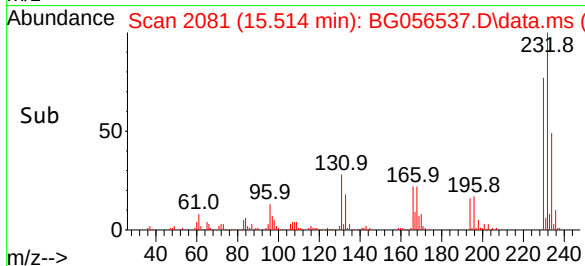


Tgt Ion:232 Resp: 113849
Ion Ratio Lower Upper
232 100
131 27.2 22.8 34.2
130 1.7 1.4 2.0
166 21.4 18.8 28.2

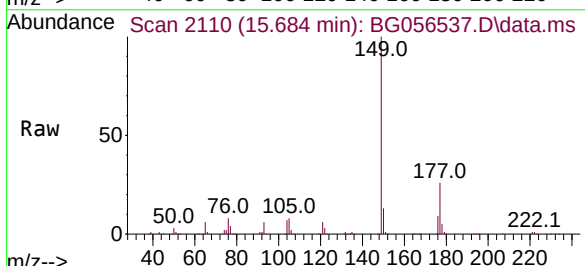
Manual Integrations

APPROVED

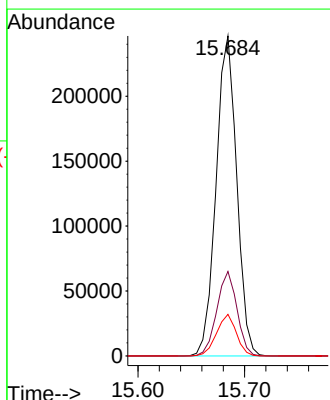
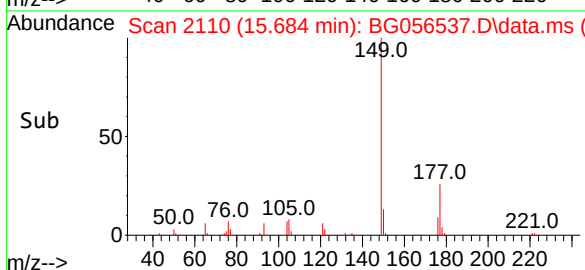
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

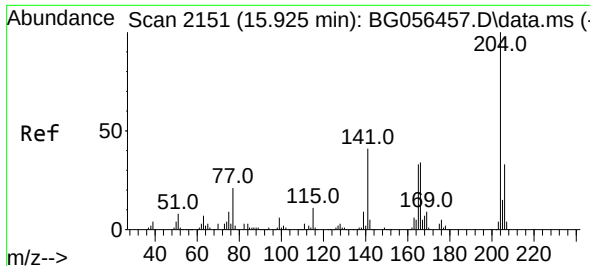


#60
Diethylphthalate
Concen: 43.597 ng
RT: 15.684 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



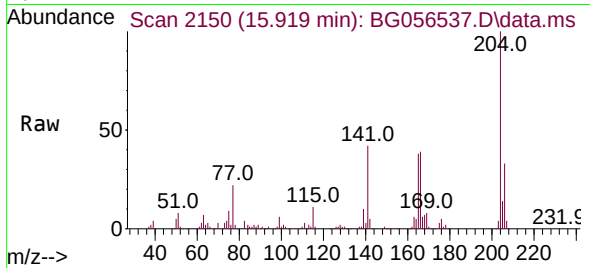
Tgt Ion:149 Resp: 331820
Ion Ratio Lower Upper
149 100
177 26.4 21.0 31.4
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.280 ng
RT: 15.919 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

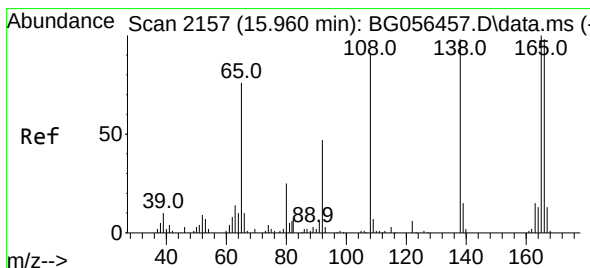
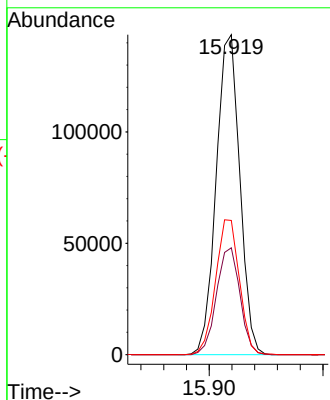
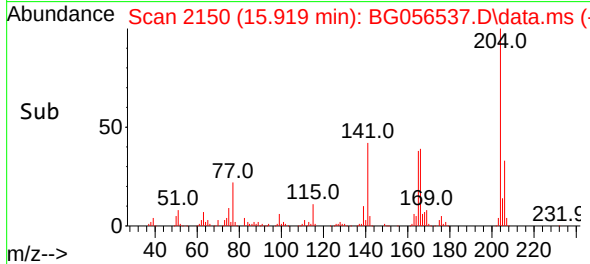
Instrument :
BNA_G
ClientSampleId :
PB150480BS



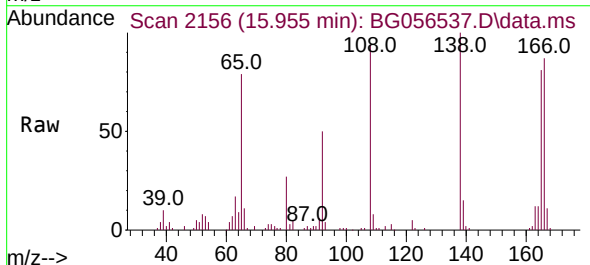
Tgt Ion:204 Resp: 206524
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 41.9 32.7 49.1

Manual Integrations
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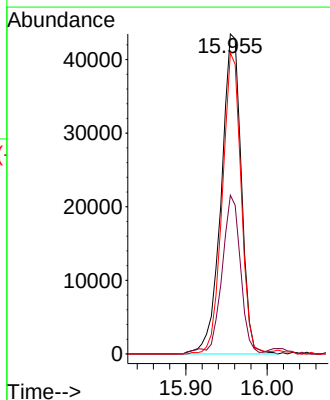
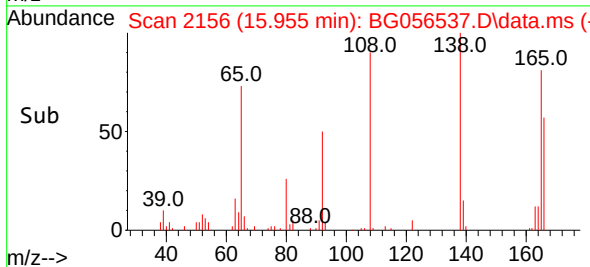
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

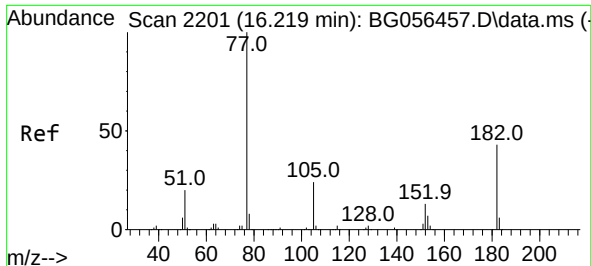


#62
4-Nitroaniline
Concen: 43.317 ng
RT: 15.955 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:138 Resp: 74276
Ion Ratio Lower Upper
138 100
92 49.6 27.8 67.8
108 94.1 72.6 112.6





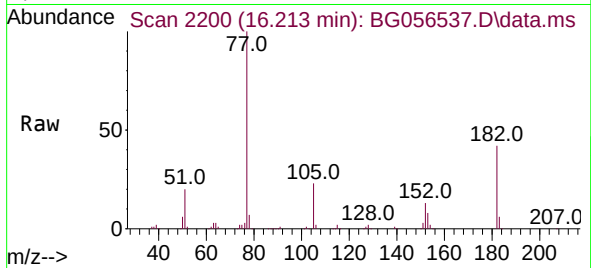
#63
Azobenzene
Concen: 44.418 ng
RT: 16.213 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

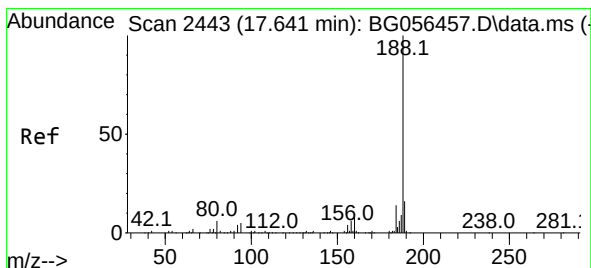
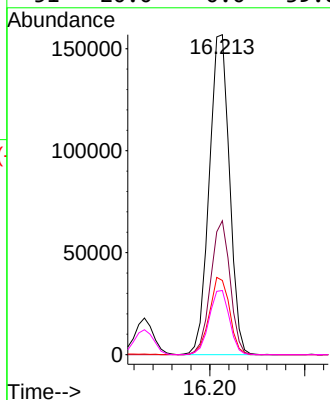
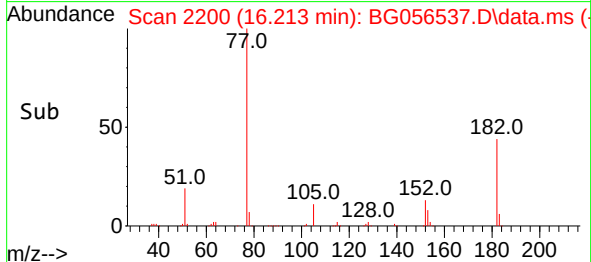


Tgt Ion: 77 Resp: 232619
Ion Ratio Lower Upper
77 100
182 41.8 23.1 63.1
105 23.2 4.2 44.2
51 20.0 0.0 39.8

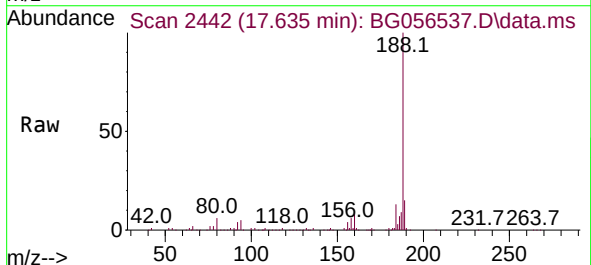
Manual Integrations

APPROVED

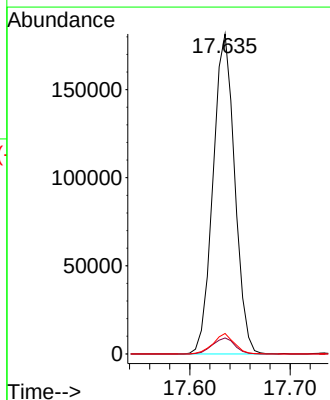
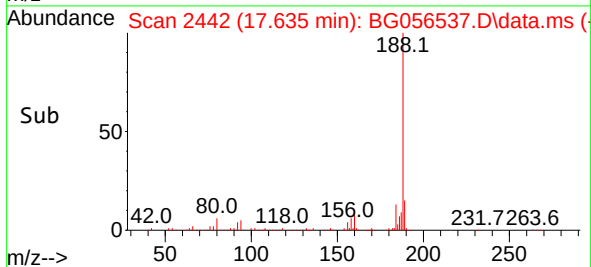
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

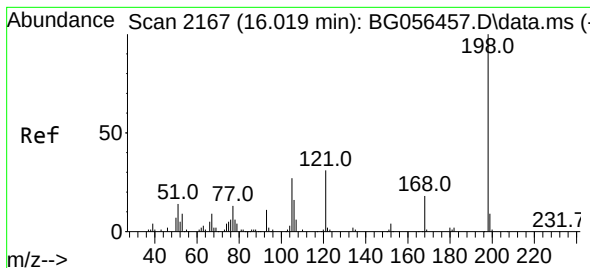


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:188 Resp: 272572
Ion Ratio Lower Upper
188 100
94 5.0 4.1 6.1
80 6.4 5.0 7.4





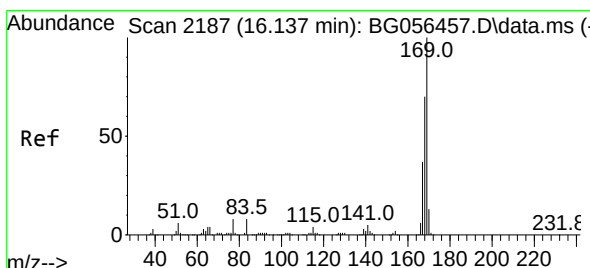
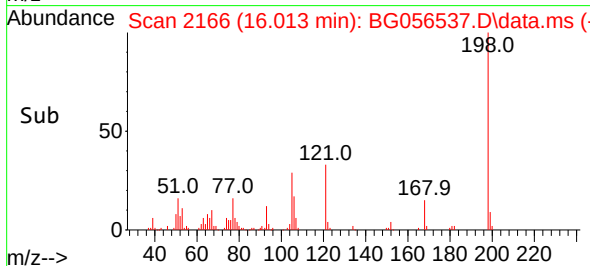
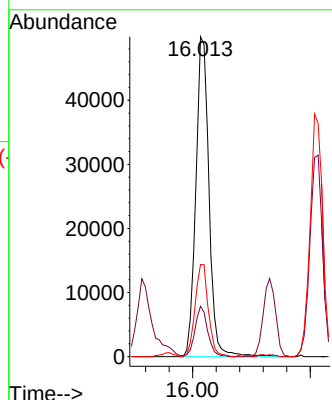
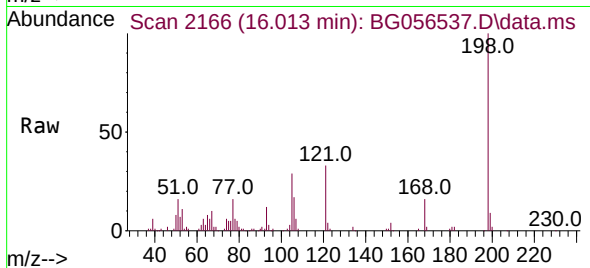
#65
4,6-Dinitro-2-methylphenol
Concen: 40.403 ng
RT: 16.013 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :
BNA_G
ClientSampleId :
PB150480BS

Tgt Ion:198 Resp: 77426
Ion Ratio Lower Upper
198 100
51 15.7 0.0 35.0
105 28.8 7.4 47.4

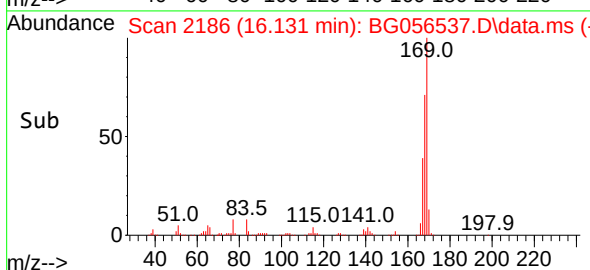
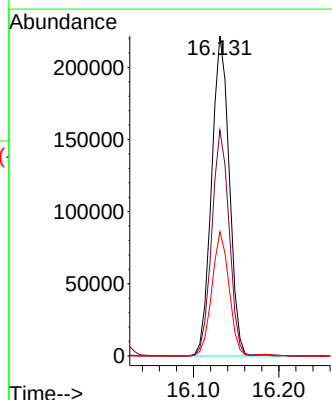
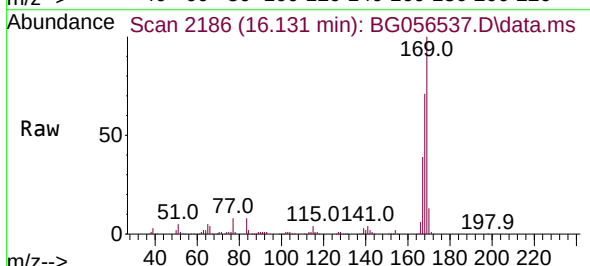
Manual Integrations
APPROVED

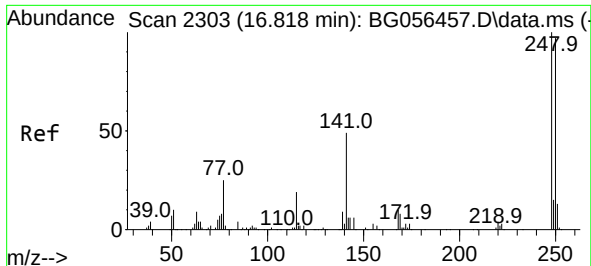
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#66
n-Nitrosodiphenylamine
Concen: 41.354 ng
RT: 16.131 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

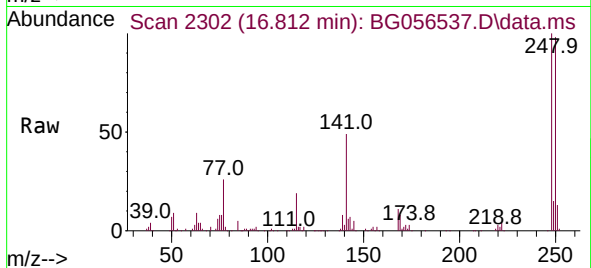
Tgt Ion:169 Resp: 319144
Ion Ratio Lower Upper
169 100
168 70.6 55.8 83.6
167 38.8 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 41.096 ng
RT: 16.812 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

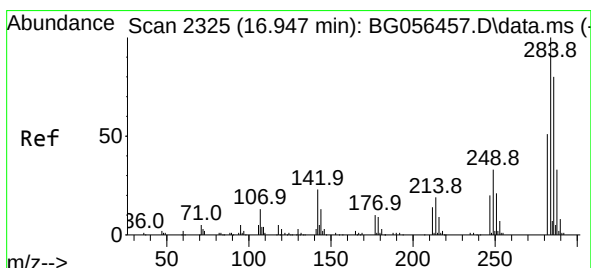
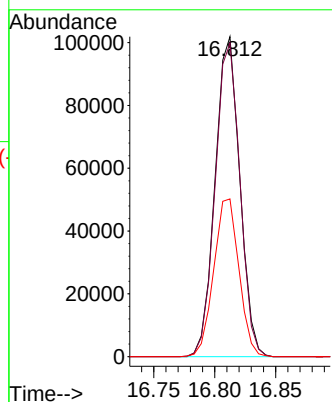
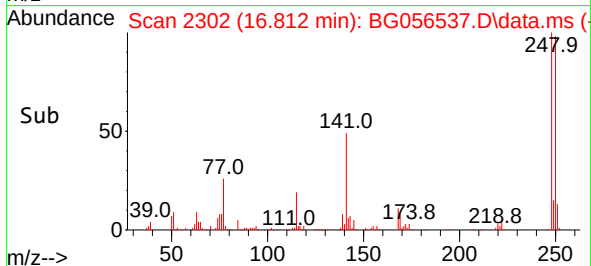
Instrument :
BNA_G
ClientSampleId :
PB150480BS



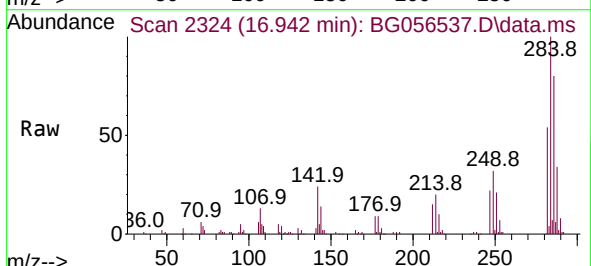
Tgt Ion:248 Resp: 143401
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 49.3 39.0 58.4

Manual Integrations
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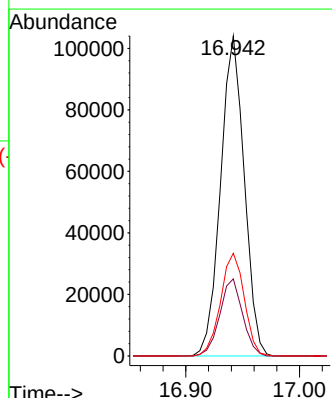
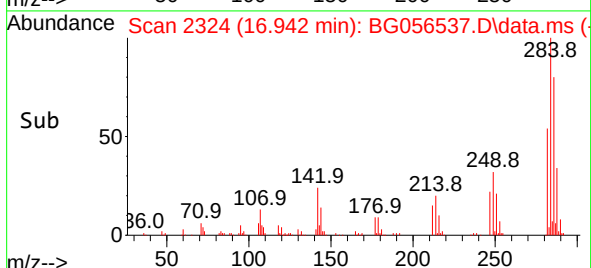
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

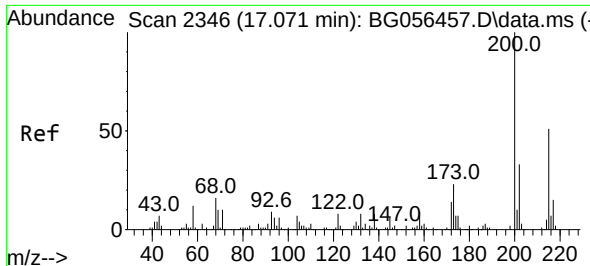


#68
Hexachlorobenzene
Concen: 43.969 ng
RT: 16.942 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:284 Resp: 150268
Ion Ratio Lower Upper
284 100
142 24.1 18.0 27.0
249 32.1 26.7 40.1





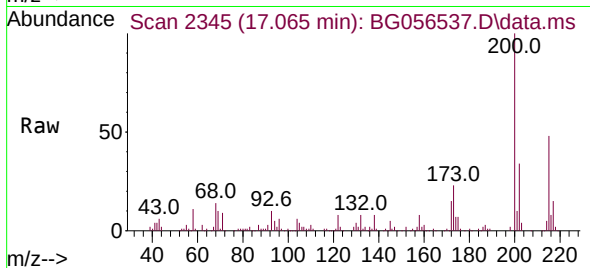
#69
 Atrazine
 Concen: 48.288 ng
 RT: 17.065 min Scan# 2345
 Delta R.T. -0.006 min
 Lab File: BG056537.D
 Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

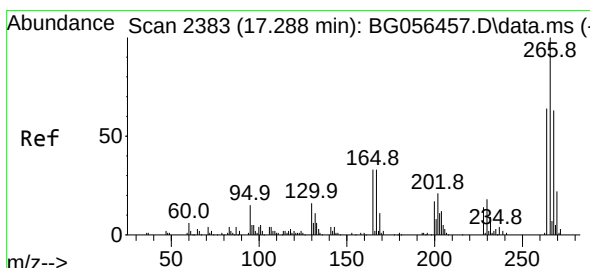
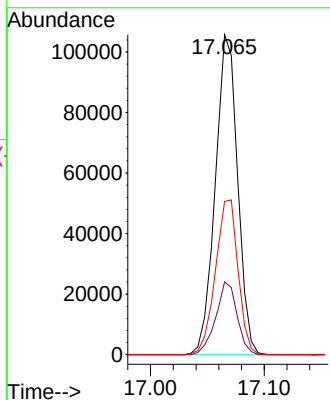
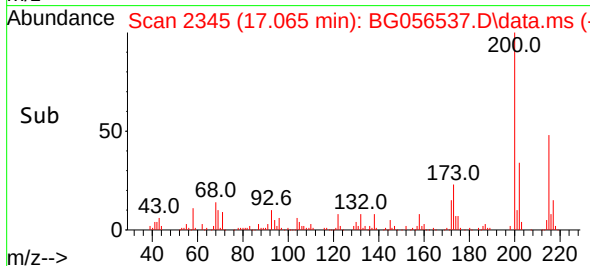


Tgt Ion:200 Resp: 143762
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.2 43.2
 215 47.9 30.7 70.7

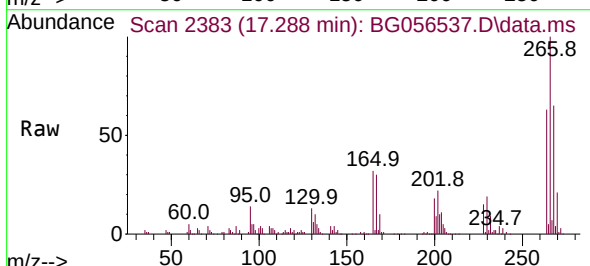
Manual Integrations

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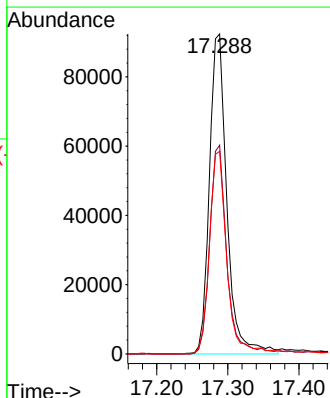
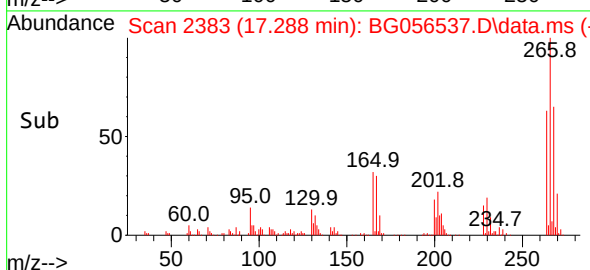
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

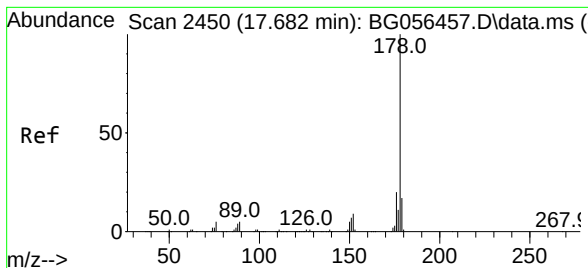


#70
 Pentachlorophenol
 Concen: 76.379 ng
 RT: 17.288 min Scan# 2383
 Delta R.T. 0.006 min
 Lab File: BG056537.D
 Acq: 3 Feb 2023 13:45



Tgt Ion:266 Resp: 157947
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.2 75.4
 264 63.3 51.4 77.0





#71

Phenanthrene

Concen: 43.060 ng

RT: 17.676 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BG056537.D

Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

Tgt Ion:178 Resp: 614294

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

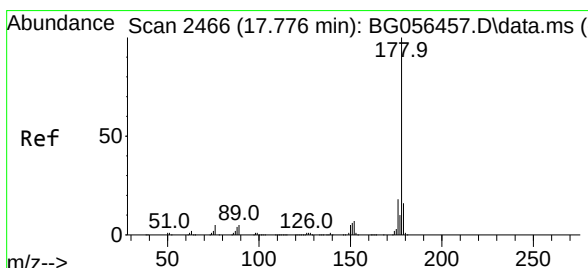
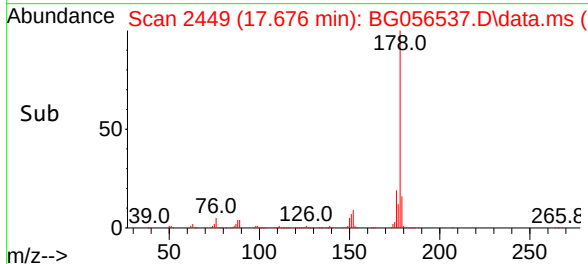
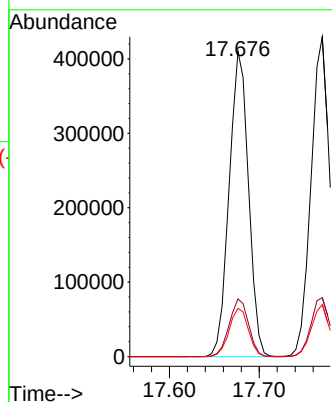
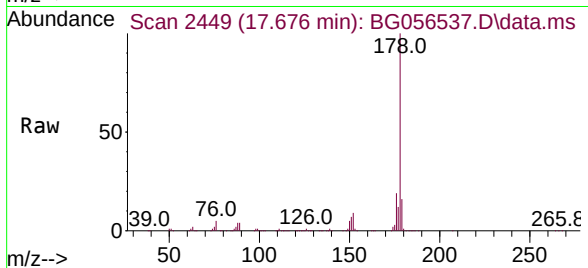
179 15.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#72

Anthracene

Concen: 42.649 ng

RT: 17.770 min Scan# 2465

Delta R.T. -0.000 min

Lab File: BG056537.D

Acq: 3 Feb 2023 13:45

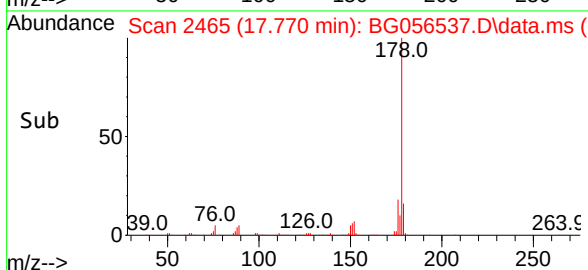
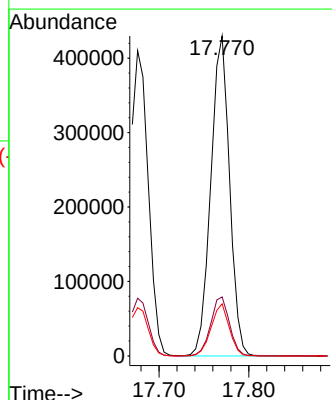
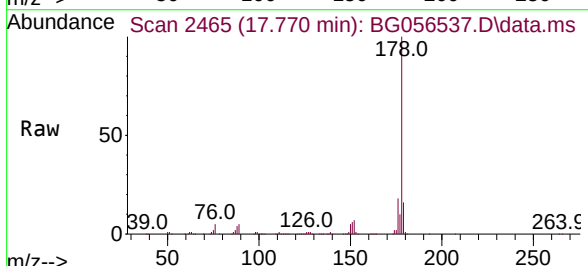
Tgt Ion:178 Resp: 624563

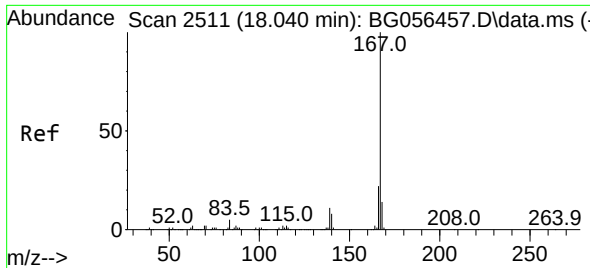
Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

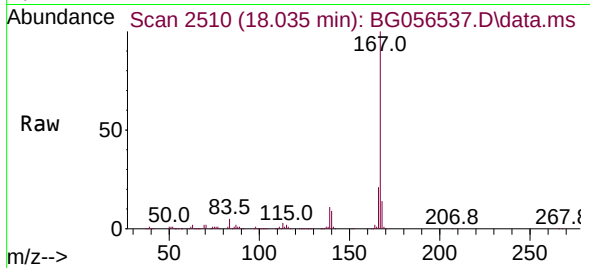
179 16.3 12.5 18.7





#73
Carbazole
Concen: 43.747 ng
RT: 18.035 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

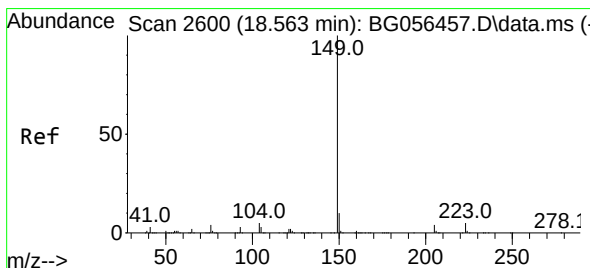
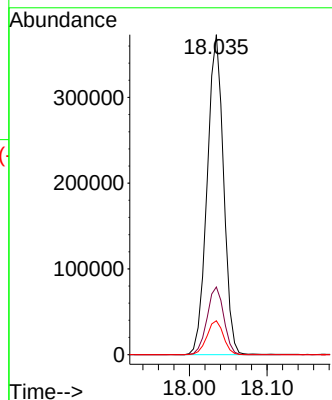
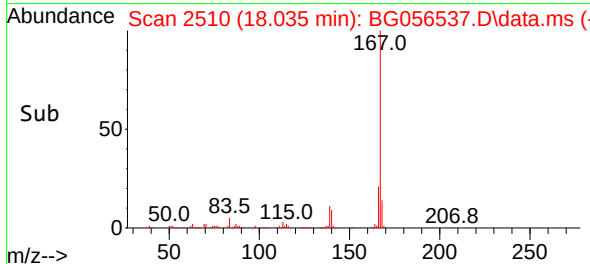
Instrument :
BNA_G
ClientSampleId :
PB150480BS



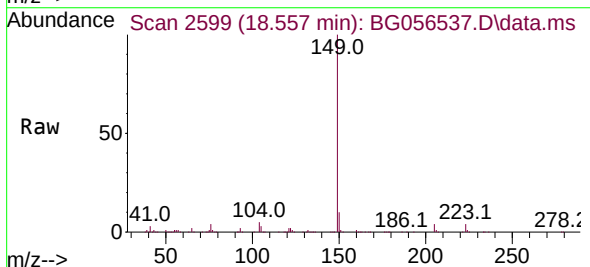
Tgt Ion:167 Resp: 545635
Ion Ratio Lower Upper
167 100
166 21.1 17.8 26.6
139 10.6 8.9 13.3

Manual Integrations
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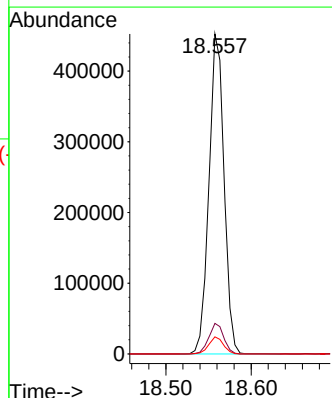
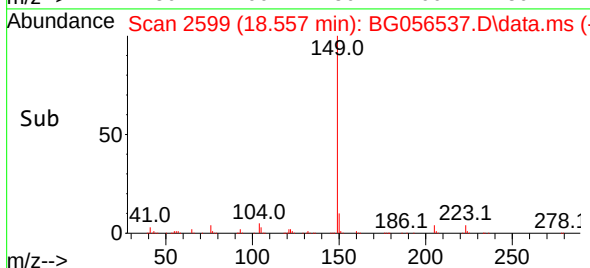
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

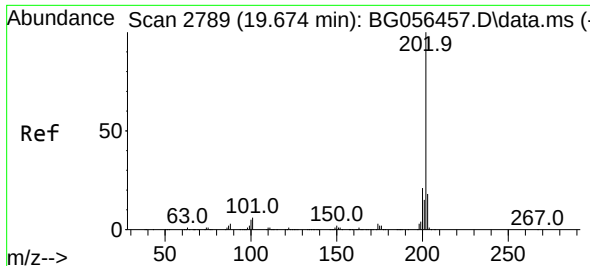


#74
Di-n-butylphthalate
Concen: 42.405 ng
RT: 18.557 min Scan# 2599
Delta R.T. -0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



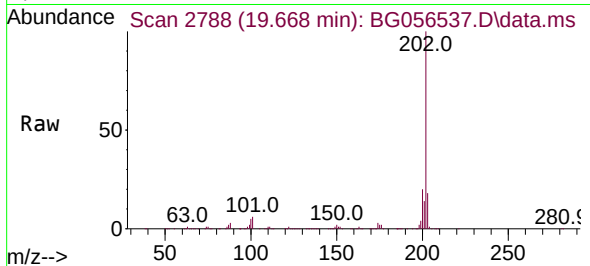
Tgt Ion:149 Resp: 555342
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 42.968 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

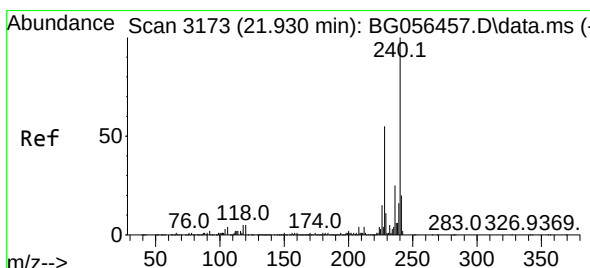
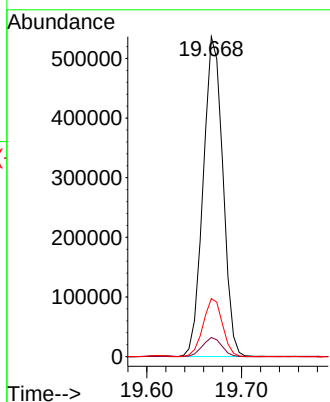
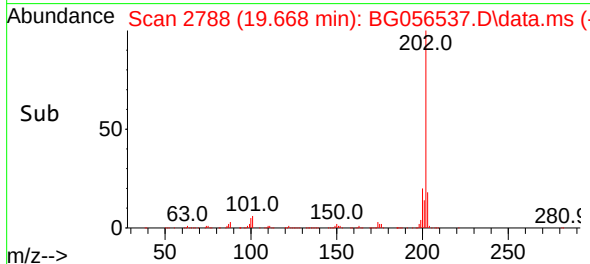
Instrument :
BNA_G
ClientSampleId :
PB150480BS



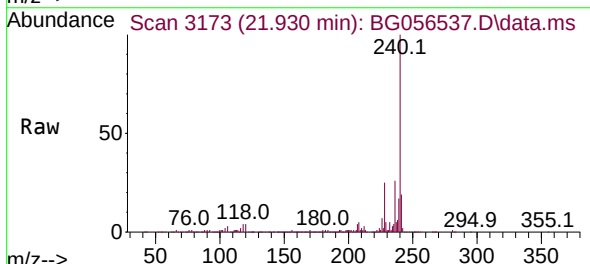
Tgt Ion:202 Resp: 773652
Ion Ratio Lower Upper
202 100
101 6.0 0.0 25.6
203 18.1 0.0 38.1

Manual Integrations
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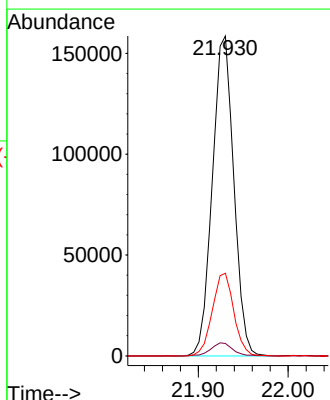
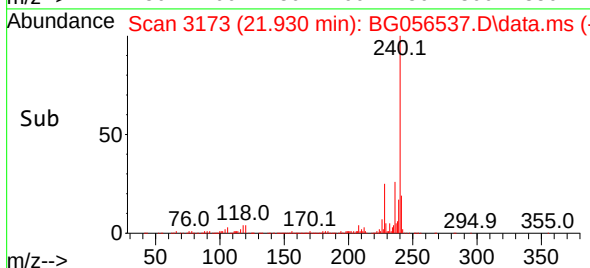
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

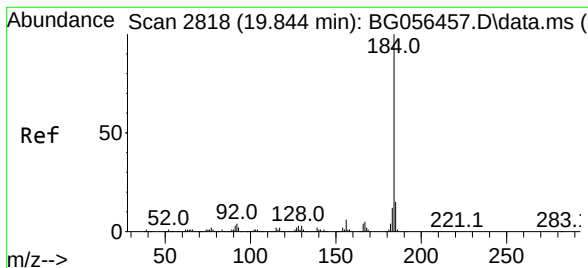


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



Tgt Ion:240 Resp: 263873
Ion Ratio Lower Upper
240 100
120 3.9 3.8 5.8
236 25.8 20.2 30.2





#77

Benzidine

Concen: 44.213 ng

RT: 19.838 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BG056537.D

Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

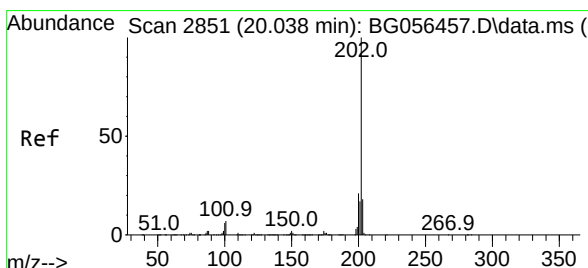
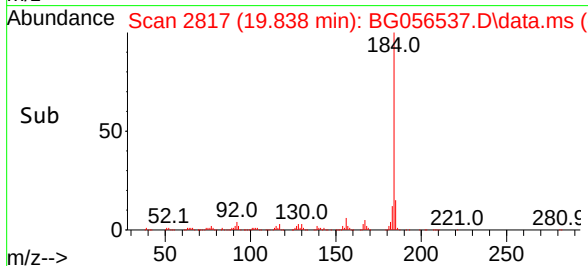
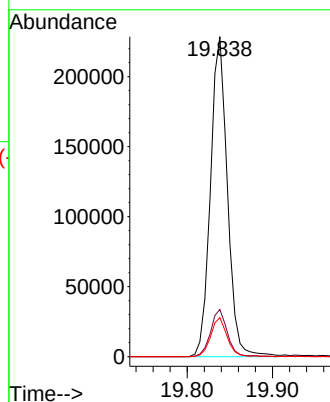
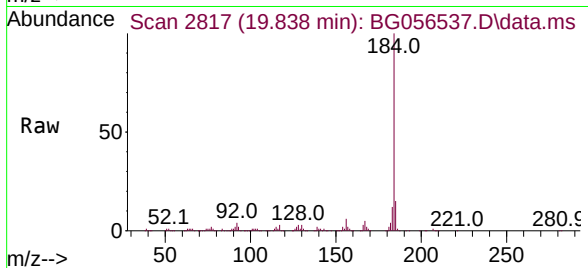
PB150480BS

Tgt Ion:	184	Resp:	315713
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.3	18.5
183	12.2	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#78

Pyrene

Concen: 41.800 ng

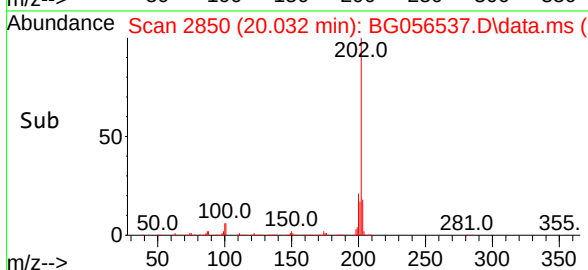
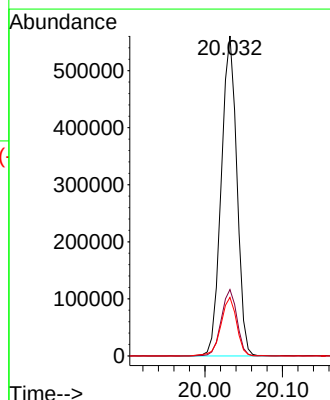
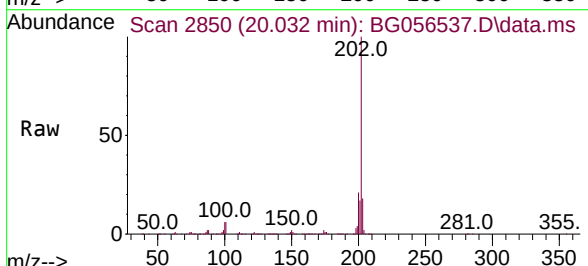
RT: 20.032 min Scan# 2850

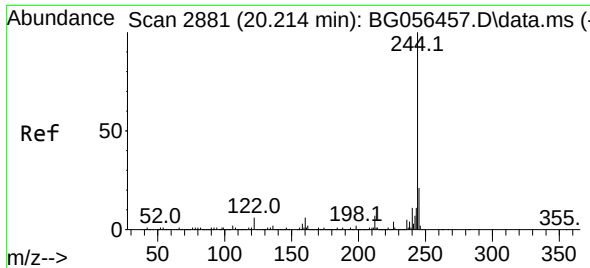
Delta R.T. -0.000 min

Lab File: BG056537.D

Acq: 3 Feb 2023 13:45

Tgt Ion:	202	Resp:	784478
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.7	25.1
203	18.3	14.4	21.6





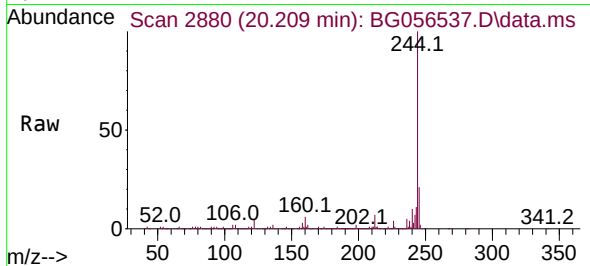
#79
Terphenyl-d14
Concen: 65.813 ng
RT: 20.209 min Scan# 2881
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

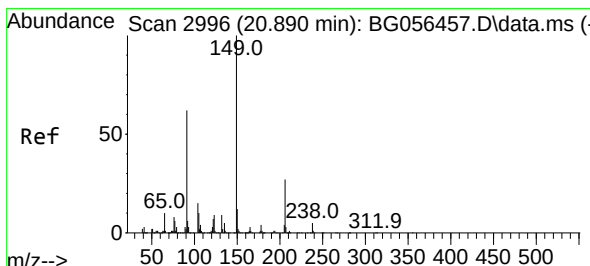
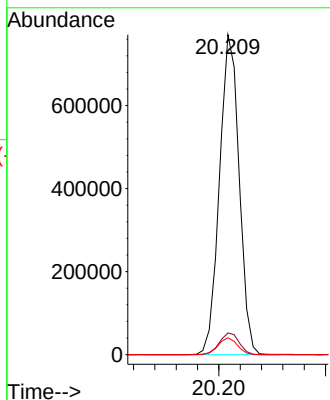
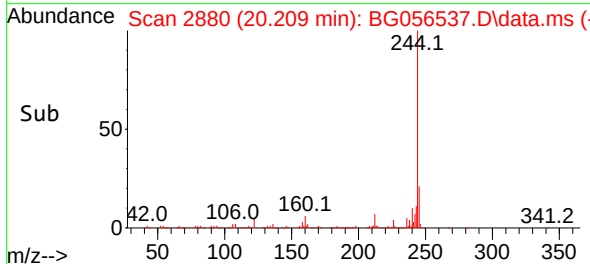


Tgt Ion:244 Resp: 988768
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 5.3 4.4 6.6

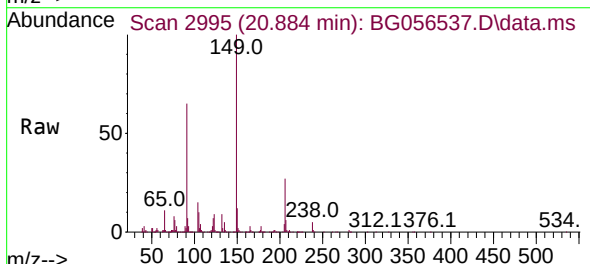
Manual Integrations

APPROVED

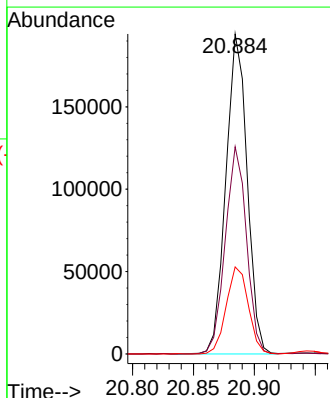
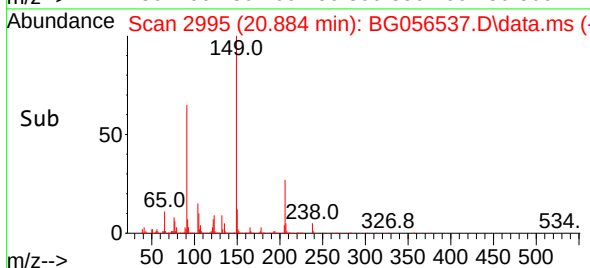
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

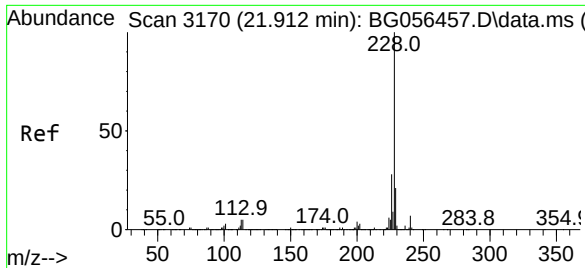


#80
Butylbenzylphthalate
Concen: 41.142 ng
RT: 20.884 min Scan# 2995
Delta R.T. 0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



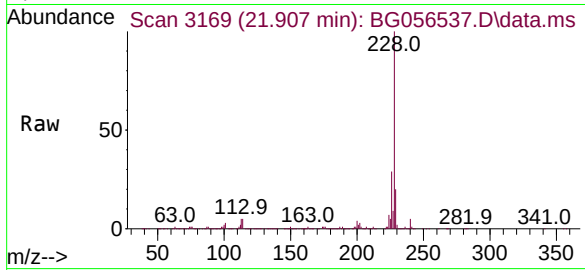
Tgt Ion:149 Resp: 235807
Ion Ratio Lower Upper
149 100
91 64.7 49.4 74.0
206 27.2 22.0 33.0





#81
Benzo(a)anthracene
Concen: 42.364 ng
RT: 21.907 min Scan# 3170
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

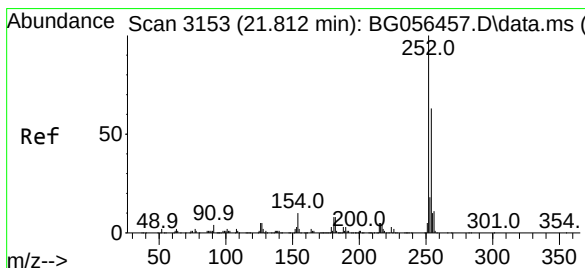
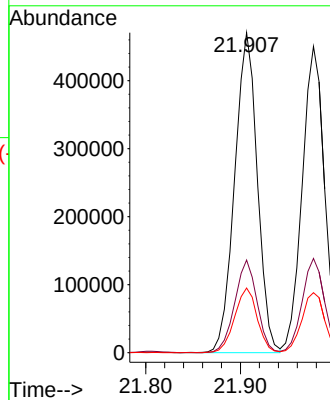
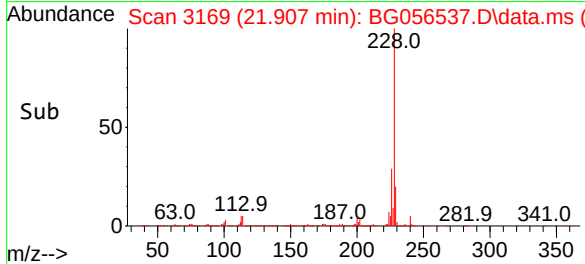
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion:228 Resp: 781512
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 20.2 16.5 24.7

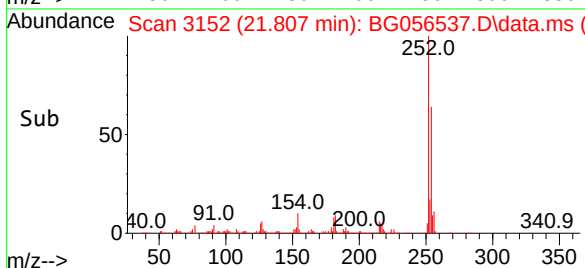
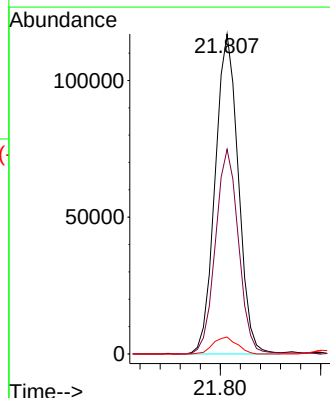
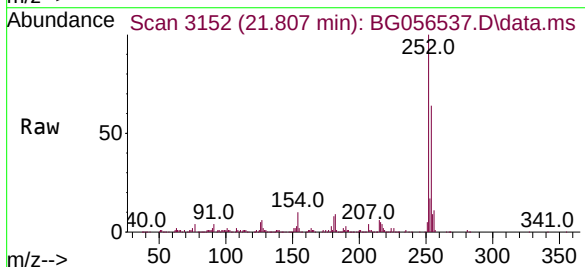
Manual Integrations
APPROVED

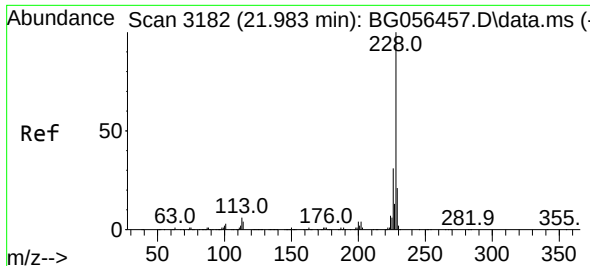
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.263 ng
RT: 21.807 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

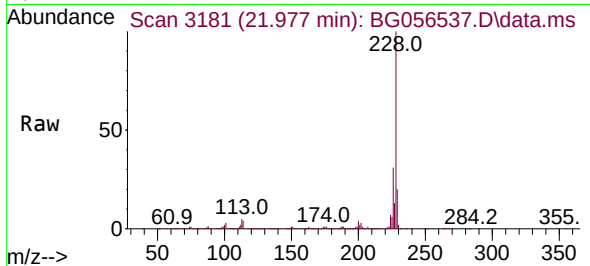
Tgt Ion:252 Resp: 187762
Ion Ratio Lower Upper
252 100
254 63.9 50.0 75.0
126 5.3 4.3 6.5





#83
Chrysene
Concen: 42.156 ng
RT: 21.977 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

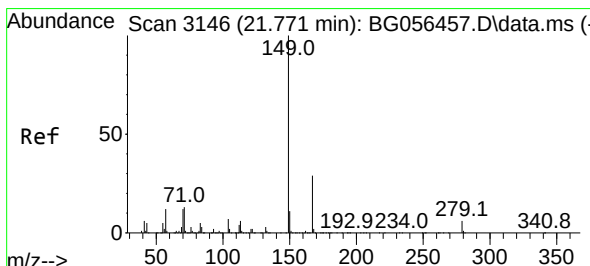
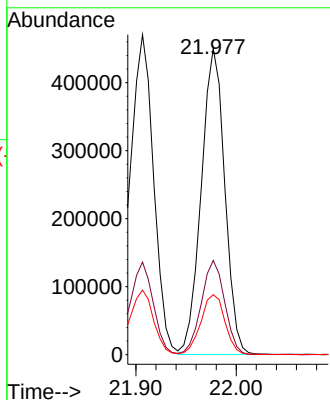
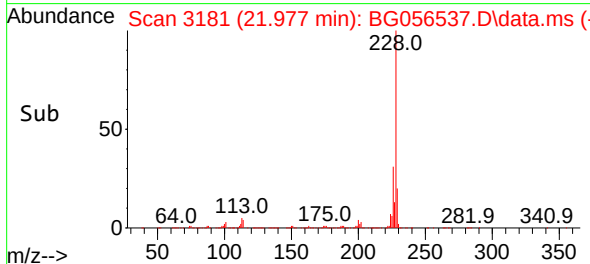
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion:228 Resp: 730611
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.4
229 19.6 16.4 24.6

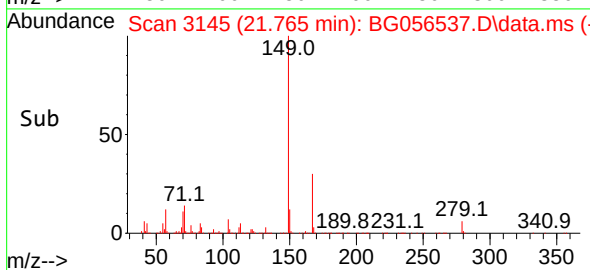
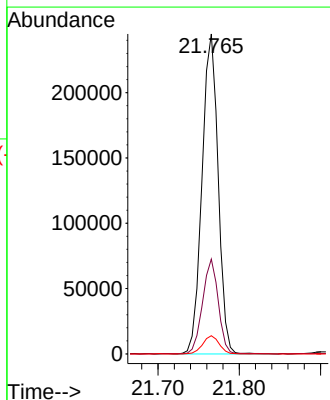
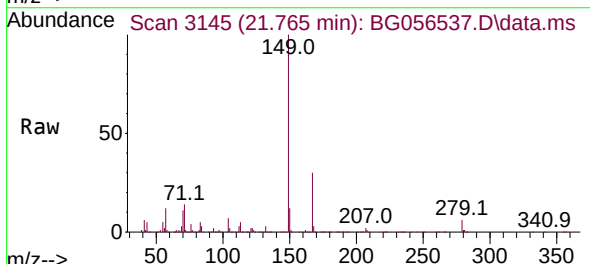
Manual Integrations
APPROVED

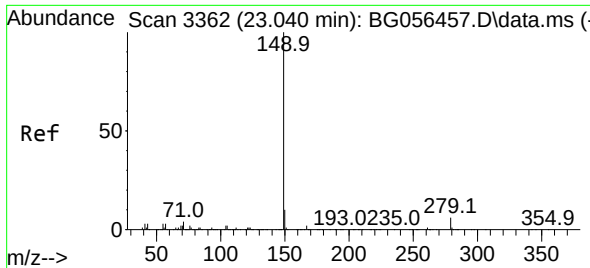
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.116 ng
RT: 21.765 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

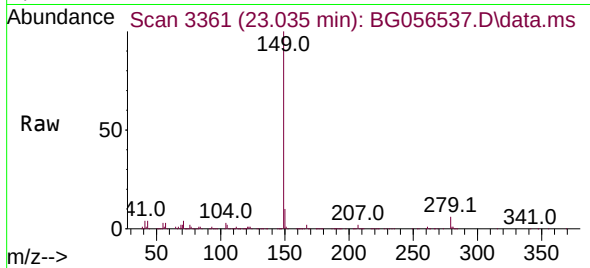
Tgt Ion:149 Resp: 337867
Ion Ratio Lower Upper
149 100
167 29.6 23.4 35.2
279 5.7 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 41.617 ng
RT: 23.035 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

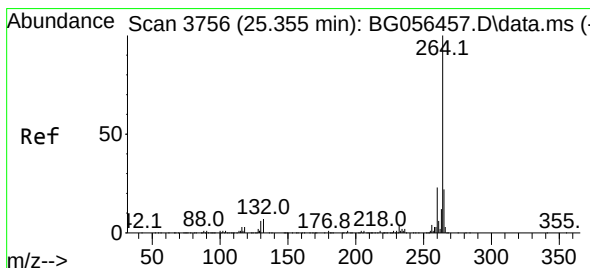
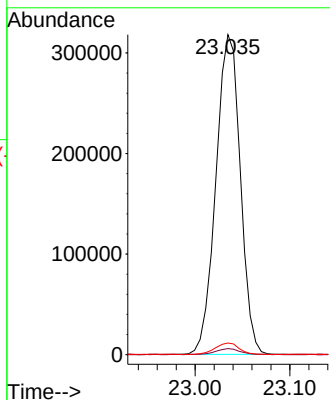
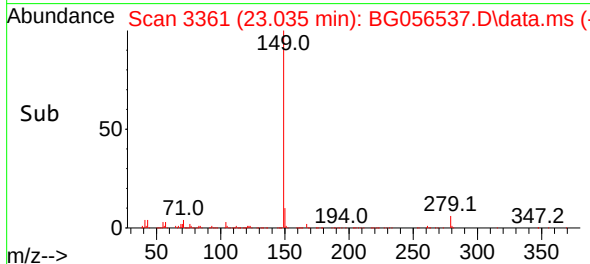
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion:149 Resp: 569524
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.5 2.7 4.1

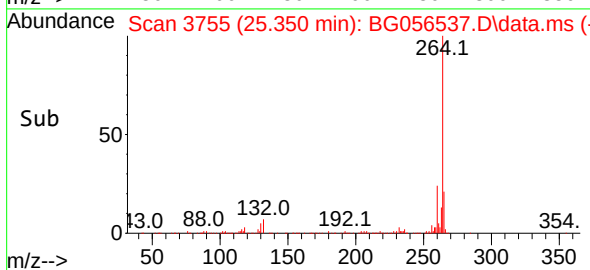
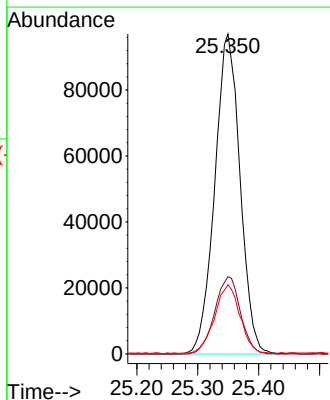
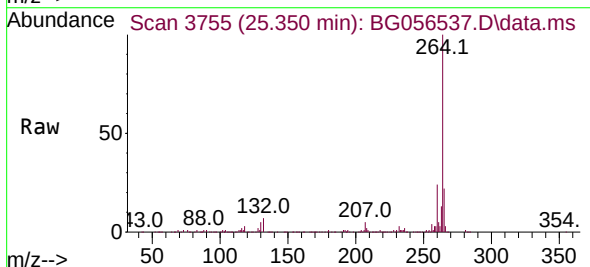
Manual Integrations
APPROVED

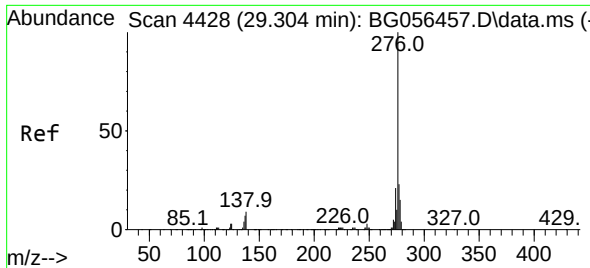
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:264 Resp: 279176
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 21.6 18.1 27.1





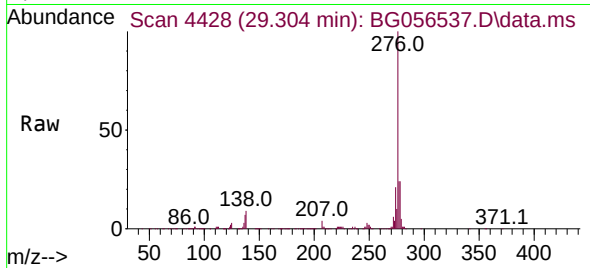
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.934 ng
 RT: 29.304 min Scan# 4428
 Delta R.T. 0.023 min
 Lab File: BG056537.D
 Acq: 3 Feb 2023 13:45

Instrument :

BNA_G

ClientSampleId :

PB150480BS

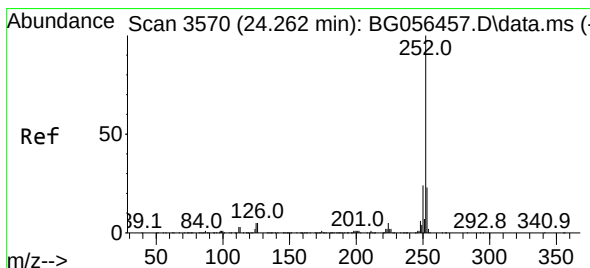
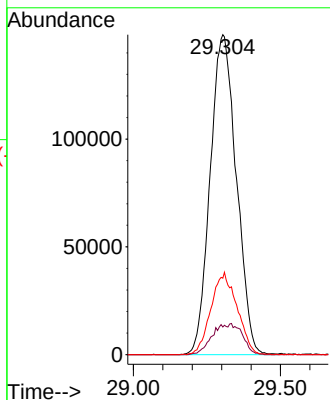
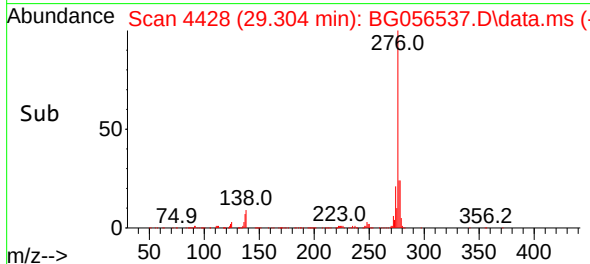


Tgt Ion:276 Resp: 91826
 Ion Ratio Lower Upper
 276 100
 138 6.0 9.4 14.2
 277 25.6 20.3 30.5

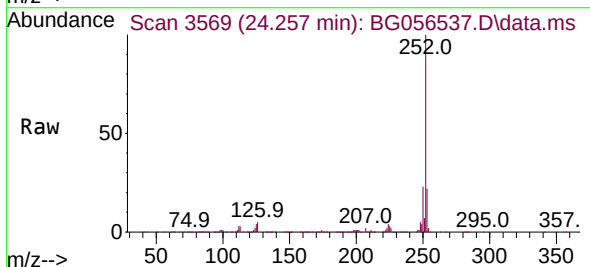
Manual Integrations

APPROVED

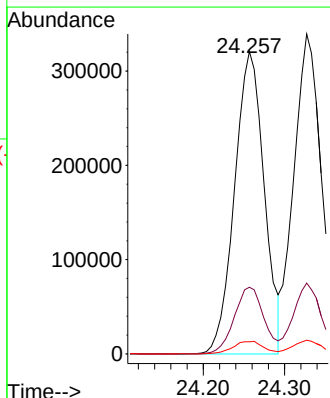
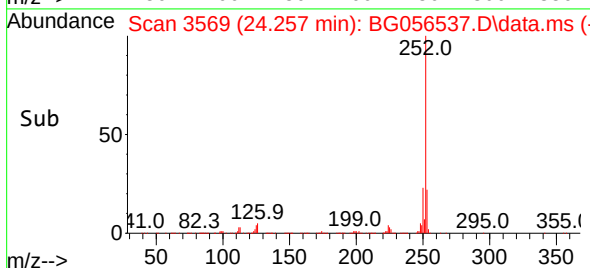
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

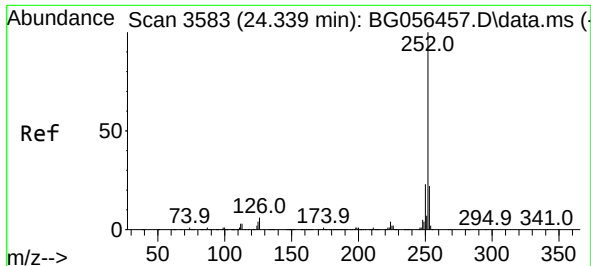


#88
 Benzo(b)fluoranthene
 Concen: 46.851 ng
 RT: 24.257 min Scan# 3569
 Delta R.T. 0.006 min
 Lab File: BG056537.D
 Acq: 3 Feb 2023 13:45



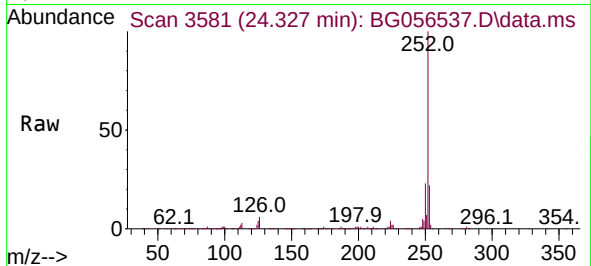
Tgt Ion:252 Resp: 811842
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.1 27.1
 125 4.0 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 45.560 ng
RT: 24.327 min Scan# 3581
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

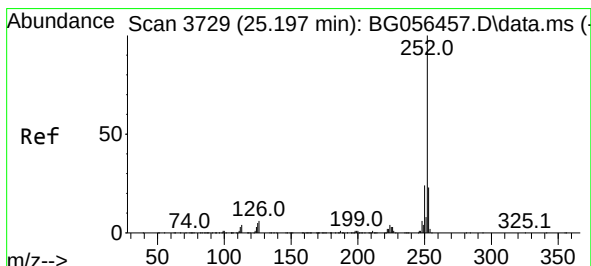
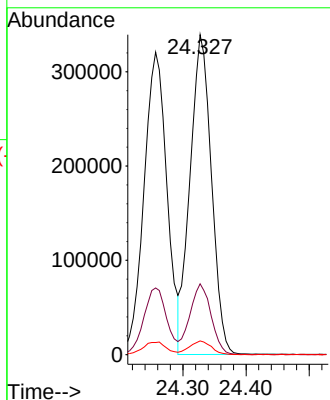
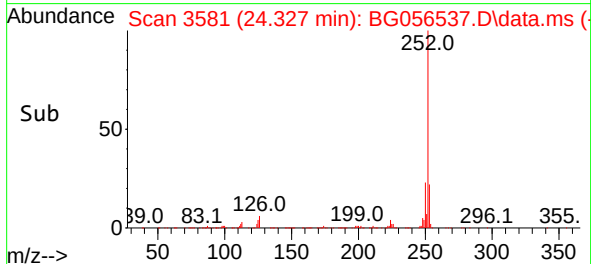
Instrument :
BNA_G
ClientSampleId :
PB150480BS



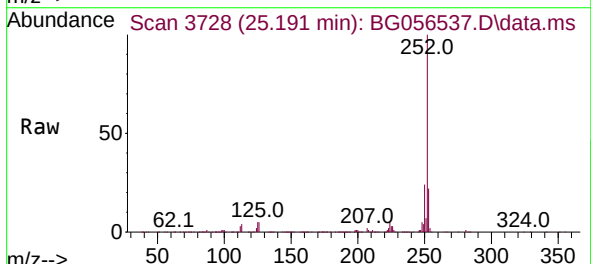
Tgt Ion:252 Resp: 797072
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 4.3 3.4 5.0

Manual Integrations
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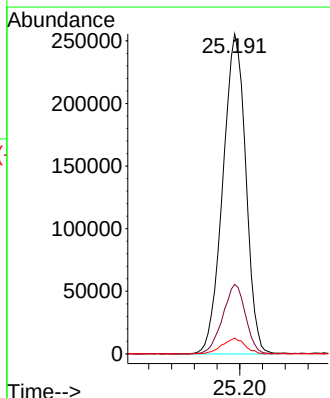
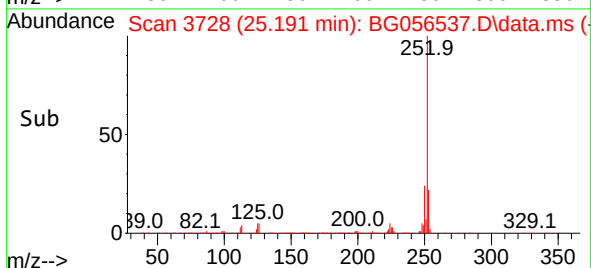
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

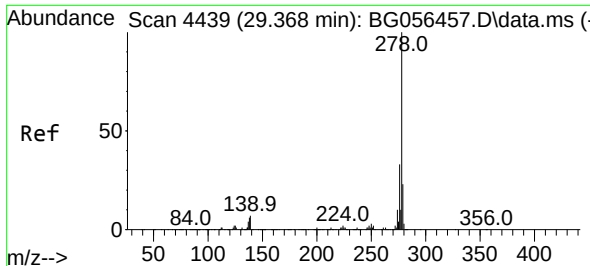


#90
Benzo(a)pyrene
Concen: 41.970 ng
RT: 25.191 min Scan# 3728
Delta R.T. 0.006 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45



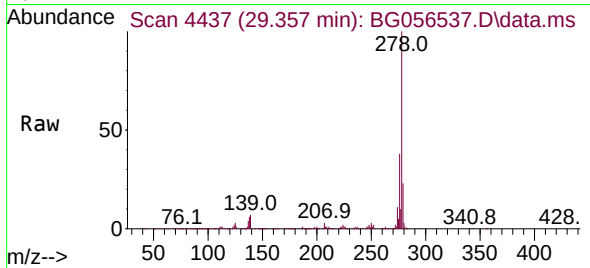
Tgt Ion:252 Resp: 716395
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 4.9 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 45.350 ng
RT: 29.357 min Scan# 4437
Delta R.T. 0.012 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

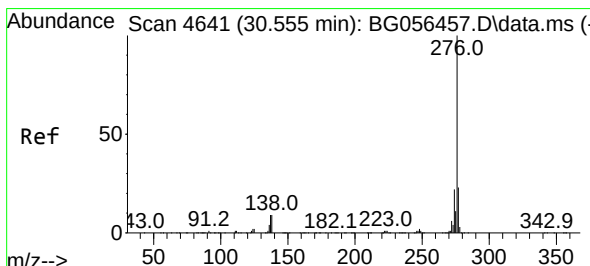
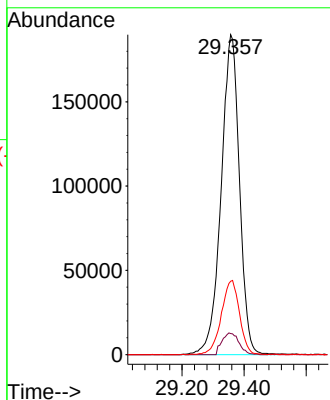
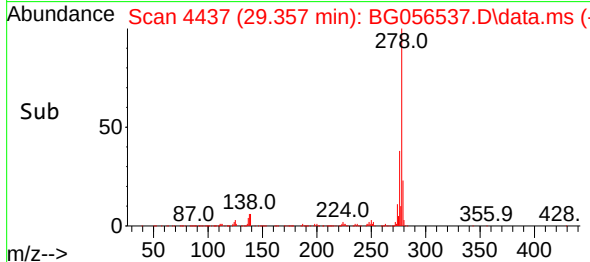
Instrument :
BNA_G
ClientSampleId :
PB150480BS



Tgt Ion:278 Resp: 777923
Ion Ratio Lower Upper
278 100
139 6.6 5.5 8.3
279 22.9 18.8 28.2

Manual Integrations
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Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 45.048 ng
RT: 30.543 min Scan# 4639
Delta R.T. 0.018 min
Lab File: BG056537.D
Acq: 3 Feb 2023 13:45

Tgt Ion:276 Resp: 745619
Ion Ratio Lower Upper
276 100
277 25.0 18.5 27.7
138 9.9 7.4 11.0

