

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057163.D
 Acq On : 24 Apr 2023 22:52
 Operator : CG/JU
 Sample : PB152347BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152347BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:19:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	20199	20.000	ng	0.00
21) Naphthalene-d8	11.228	136	83652	20.000	ng	0.00
39) Acenaphthene-d10	14.999	164	62560	20.000	ng	0.00
64) Phenanthrene-d10	17.742	188	153980	20.000	ng	0.00
76) Chrysene-d12	22.060	240	138436	20.000	ng	0.00
86) Perylene-d12	25.579	264	146175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	186375	167.208	ng	0.00
7) Phenol-d6	7.527	99	263842	163.601	ng	0.00
23) Nitrobenzene-d5	9.565	82	164667	97.315	ng	0.00
42) 2,4,6-Tribromophenol	16.485	330	107853	130.664	ng	0.00
45) 2-Fluorobiphenyl	13.624	172	403652	86.713	ng	0.00
79) Terphenyl-d14	20.310	244	745363	94.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.697	88	22095	44.237	ng	92
3) Pyridine	4.120	79	59063	38.974	ng	89
4) n-Nitrosodimethylamine	4.032	42	32709	59.834	ng	# 93
6) Aniline	7.697	93	97084	46.097	ng	96
8) 2-Chlorophenol	7.944	128	64327	55.091	ng	98
9) Benzaldehyde	7.509	77	48763	50.481	ng	89
10) Phenol	7.550	94	92403	57.703	ng	97
11) bis(2-Chloroethyl)ether	7.785	93	62277	49.559	ng	90
12) 1,3-Dichlorobenzene	8.273	146	65435	47.306	ng	96
13) 1,4-Dichlorobenzene	8.420	146	66209	47.495	ng	98
14) 1,2-Dichlorobenzene	8.749	146	64462	47.893	ng	98
15) Benzyl Alcohol	8.619	79	67307	56.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.901	45	85025m	51.007	ng	
17) 2-Methylphenol	8.819	107	60769	51.859	ng	98
18) Hexachloroethane	9.489	117	23649	50.007	ng	96
19) n-Nitroso-di-n-propyla...	9.189	70	57963	57.784	ng	93
20) 3+4-Methylphenols	9.148	107	83599	52.130	ng	98
22) Acetophenone	9.213	105	107057	47.177	ng	# 94
24) Nitrobenzene	9.606	77	88185	51.907	ng	97
25) Isophorone	10.129	82	159550	49.158	ng	98
26) 2-Nitrophenol	10.323	139	31451	49.552	ng	91
27) 2,4-Dimethylphenol	10.364	122	64513	52.884	ng	96
28) bis(2-Chloroethoxy)met...	10.599	93	86640	50.923	ng	98
29) 2,4-Dichlorophenol	10.864	162	67943	49.997	ng	93
30) 1,2,4-Trichlorobenzene	11.081	180	72197	43.446	ng	94
31) Naphthalene	11.281	128	201510	45.353	ng	99
32) Benzoic acid	10.511	122	27041m	47.347	ng	
33) 4-Chloroaniline	11.375	127	70385	36.030	ng	97
34) Hexachlorobutadiene	11.551	225	50981	41.606	ng	97
35) Caprolactam	12.138	113	20107m	53.435	ng	
36) 4-Chloro-3-methylphenol	12.467	107	75136	51.396	ng	94
37) 2-Methylnaphthalene	12.855	142	148501	42.472	ng	95
38) 1-Methylnaphthalene	13.072	142	140792	43.615	ng	96
40) 1,2,4,5-Tetrachloroben...	13.213	216	97159	42.444	ng	# 97
41) Hexachlorocyclopentadiene	13.190	237	105007	105.646	ng	95
43) 2,4,6-Trichlorophenol	13.442	196	60085	48.483	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057163.D
 Acq On : 24 Apr 2023 22:52
 Operator : CG/JU
 Sample : PB152347BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152347BS

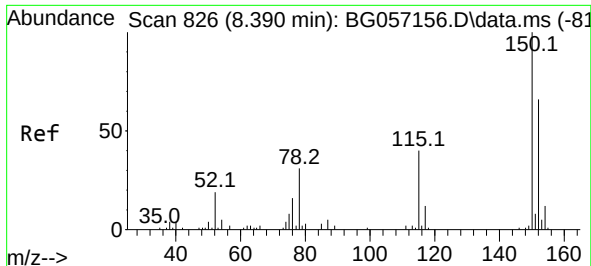
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:19:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

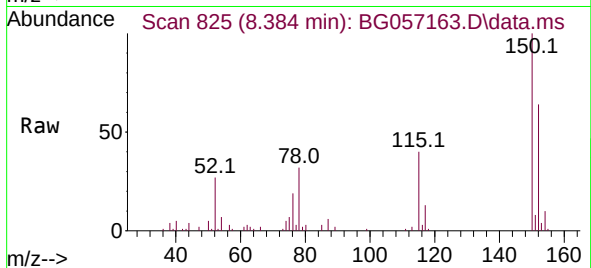
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.519	196	65844	44.009	ng	96
46) 1,1'-Biphenyl	13.836	154	211915	45.445	ng	99
47) 2-Chloronaphthalene	13.889	162	162525	46.179	ng	98
48) 2-Nitroaniline	14.083	65	45613	51.493	ng	93
49) Acenaphthylene	14.729	152	254520	45.556	ng	99
50) Dimethylphthalate	14.435	163	207060	47.160	ng	99
51) 2,6-Dinitrotoluene	14.564	165	45318	49.448	ng	94
52) Acenaphthene	15.064	154	183896m	50.378	ng	
53) 3-Nitroaniline	14.899	138	34548	37.962	ng	97
54) 2,4-Dinitrophenol	15.105	184	47655	90.789	ng	88
55) Dibenzofuran	15.393	168	257069	43.464	ng	99
56) 4-Nitrophenol	15.199	139	68947	107.634	ng	91
57) 2,4-Dinitrotoluene	15.352	165	63253	50.680	ng	93
58) Fluorene	16.045	166	212568	44.640	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.616	232	61039m	47.628	ng	
60) Diethylphthalate	15.786	149	205765	48.618	ng	100
61) 4-Chlorophenyl-phenyle...	16.021	204	124373	43.517	ng	97
62) 4-Nitroaniline	16.056	138	43865	47.868	ng	91
63) Azobenzene	16.315	77	227527	50.537	ng	98
65) 4,6-Dinitro-2-methylph...	16.115	198	37119	46.604	ng	96
66) n-Nitrosodiphenylamine	16.233	169	184307	45.873	ng	99
67) 4-Bromophenyl-phenylether	16.914	248	79675	43.027	ng	99
68) Hexachlorobenzene	17.043	284	82852	43.622	ng	# 91
69) Atrazine	17.167	200	74191	57.814	ng	98
70) Pentachlorophenol	17.390	266	79573	89.149	ng	98
71) Phenanthrene	17.784	178	355093	45.173	ng	99
72) Anthracene	17.878	178	358065	45.049	ng	98
73) Carbazole	18.142	167	314666	46.900	ng	99
74) Di-n-butylphthalate	18.659	149	315670	50.581	ng	99
75) Fluoranthene	19.775	202	435031	44.545	ng	99
77) Benzidine	19.939	184	179731	86.159	ng	99
78) Pyrene	20.133	202	440949	46.914	ng	98
80) Butylbenzylphthalate	20.991	149	121360	49.466	ng	98
81) Benzo(a)anthracene	22.037	228	442560	46.496	ng	100
82) 3,3'-Dichlorobenzidine	21.931	252	110465	44.342	ng	99
83) Chrysene	22.107	228	407820	44.429	ng	99
84) Bis(2-ethylhexyl)phtha...	21.884	149	182236	47.060	ng	98
85) Di-n-octyl phthalate	23.188	149	318178	51.246	ng	99
87) Indeno(1,2,3-cd)pyrene	29.650	276	494506	47.227	ng	# 94
88) Benzo(b)fluoranthene	24.451	252	450671	49.184	ng	97
89) Benzo(k)fluoranthene	24.527	252	449310	47.405	ng	99
90) Benzo(a)pyrene	25.414	252	397594	44.054	ng	99
91) Dibenzo(a,h)anthracene	29.714	278	410699	47.239	ng	98
92) Benzo(g,h,i)perylene	30.930	276	395006	45.920	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.384 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

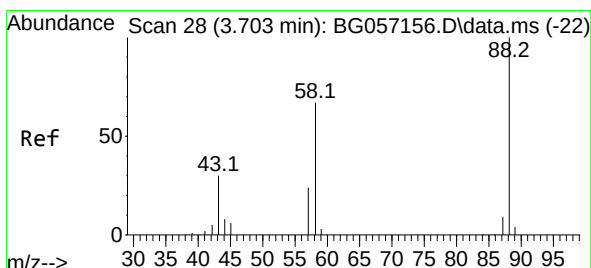
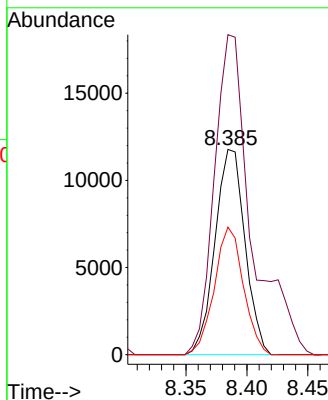
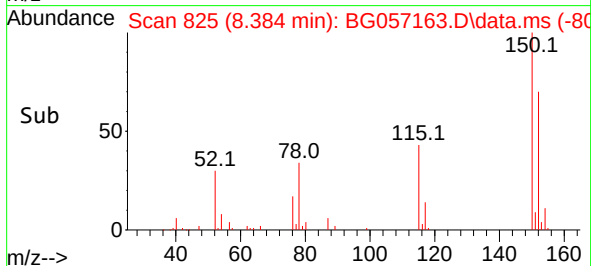
Instrument :
BNA_G
ClientSampleId :
PB152347BS



Tgt Ion: 152 Resp: 2019
Ion Ratio Lower Upper
152 100
150 155.9 121.4 182.2
115 62.1 48.1 72.1

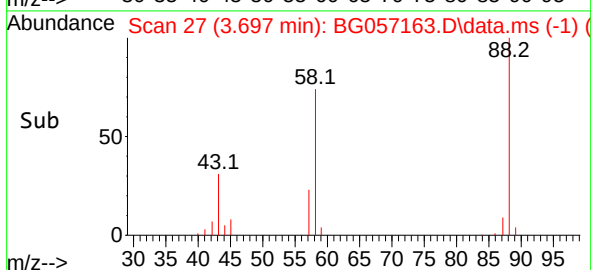
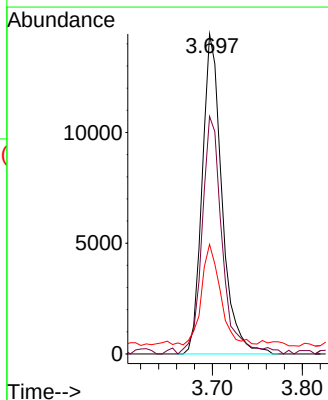
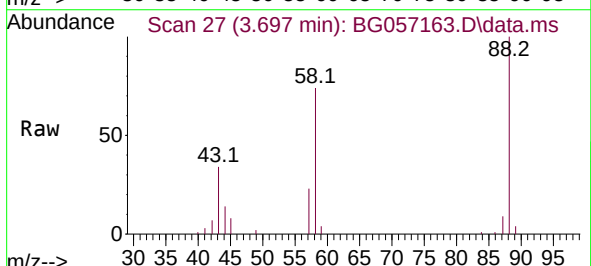
Manual Integrations
APPROVED

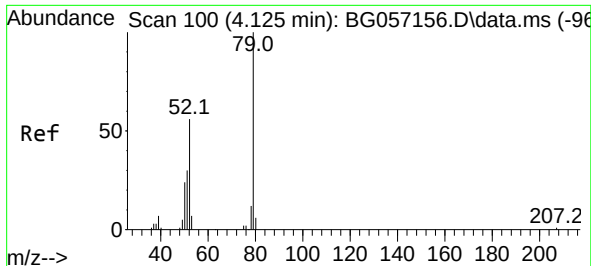
Reviewed By : Christian Giraldo 04/25/2023
Supervised By : Jagrut Upadhyay 04/25/2023



#2
1,4-Dioxane
Concen: 44.237 ng
RT: 3.697 min Scan# 27
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 88 Resp: 22095
Ion Ratio Lower Upper
88 100
58 75.8 54.2 81.4
43 30.3 23.0 34.6





#3
Pyridine
Concen: 38.974 ng
RT: 4.120 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

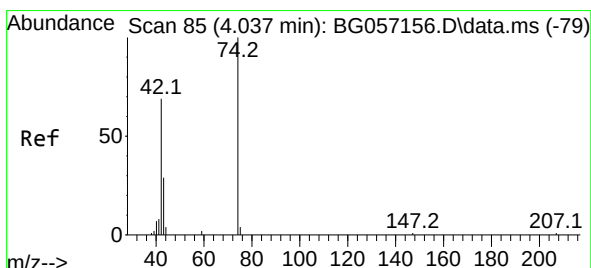
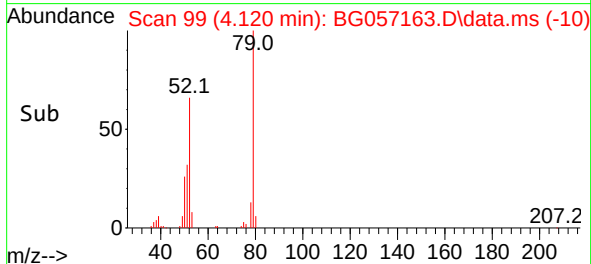
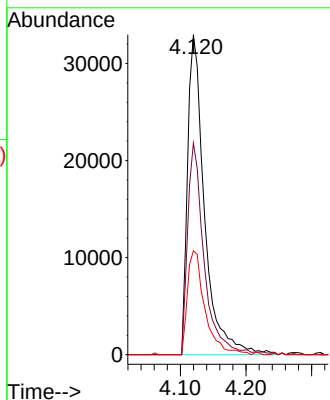
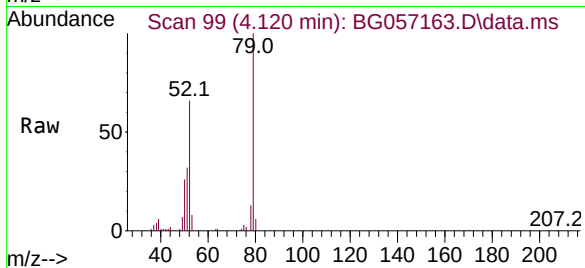
ClientSampleId :

PB152347BS

Tgt Ion: 79 Resp: 5906
Ion Ratio Lower Upper
79 100
52 66.2 44.5 66.7
51 32.4 24.3 36.5

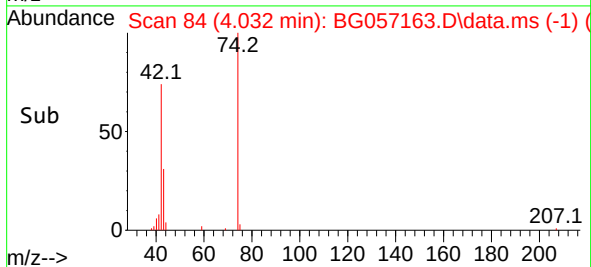
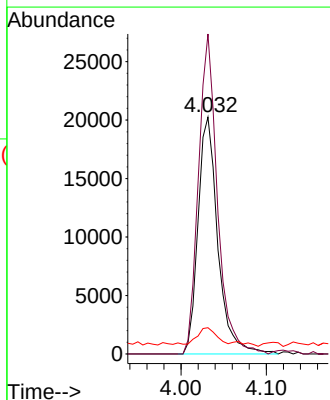
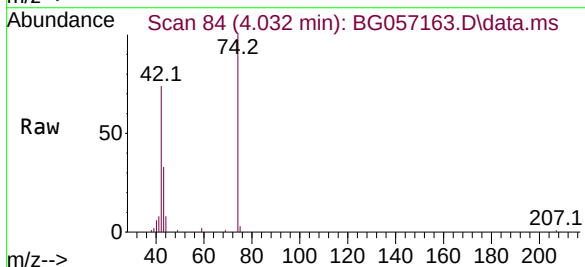
Manual Integrations
APPROVED

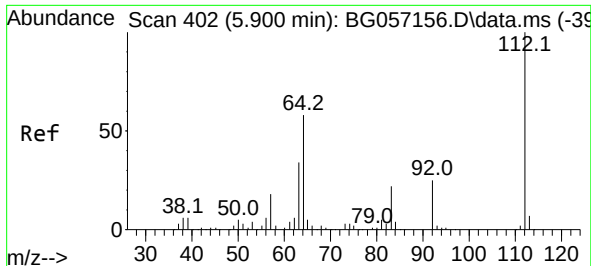
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#4
n-Nitrosodimethylamine
Concen: 59.834 ng
RT: 4.032 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

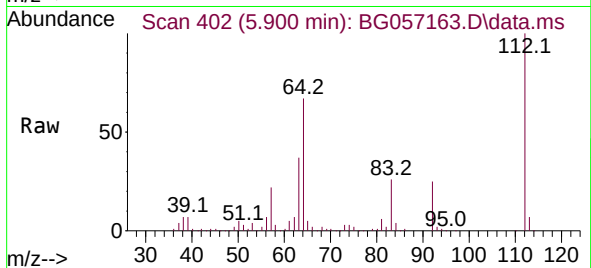
Tgt Ion: 42 Resp: 32709
Ion Ratio Lower Upper
42 100
74 135.2 115.6 173.4
44 11.1 7.1 10.7#





#5
2-Fluorophenol
Concen: 167.208 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

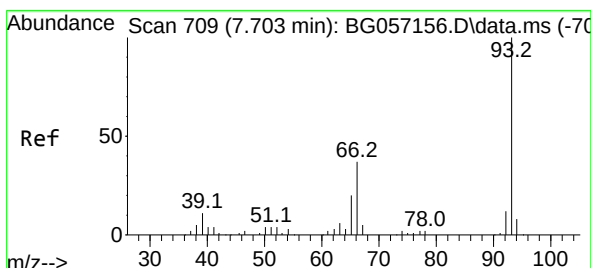
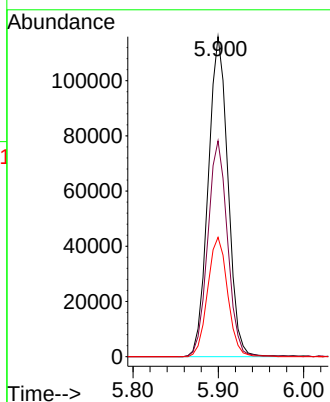
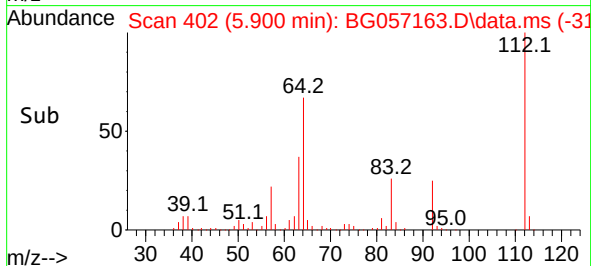
Instrument :
BNA_G
ClientSampleId :
PB152347BS



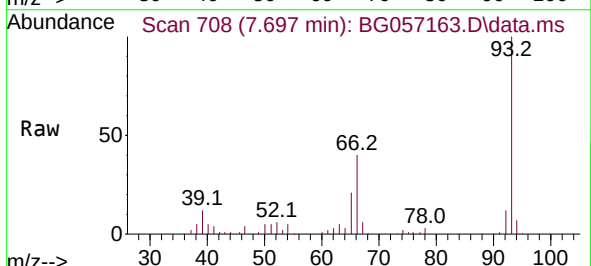
Tgt Ion: 112 Resp: 186379
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 37.3 26.9 40.3

Manual Integrations
APPROVED

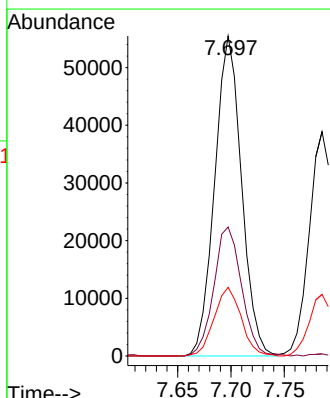
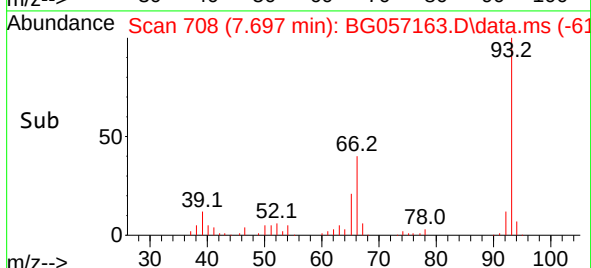
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

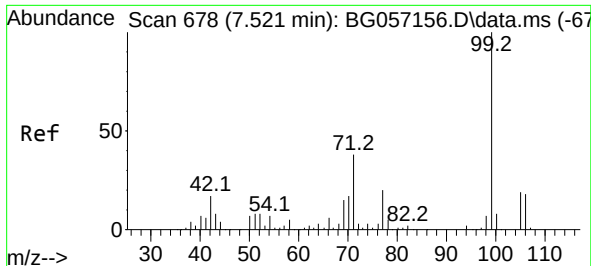


#6
Aniline
Concen: 46.097 ng
RT: 7.697 min Scan# 708
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion: 93 Resp: 97084
Ion Ratio Lower Upper
93 100
66 40.3 29.8 44.8
65 21.4 16.4 24.6





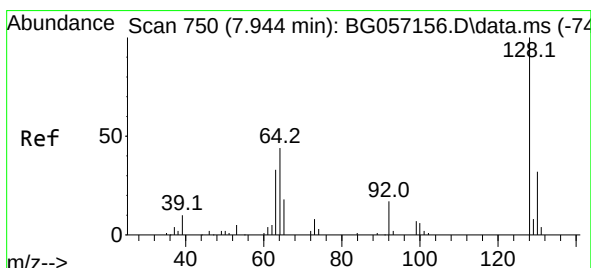
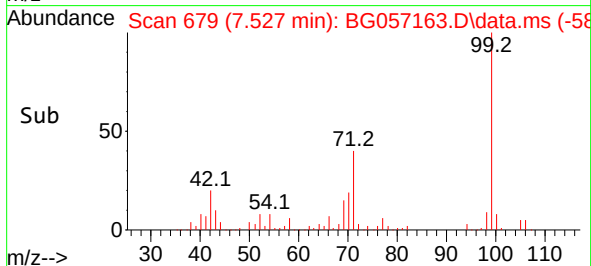
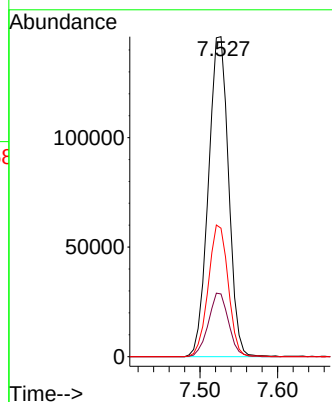
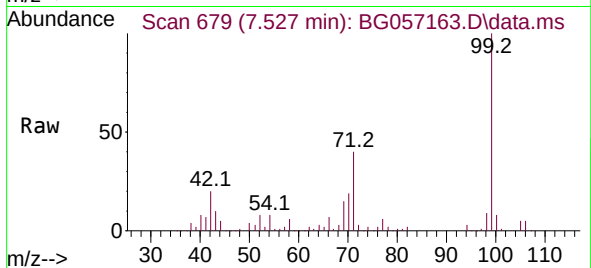
#7
Phenol-d6
Concen: 163.601 ng
RT: 7.527 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :
BNA_G
ClientSampleId :
PB152347BS

Tgt Ion: 99 Resp: 26384
Ion Ratio Lower Upper
99 100
42 19.6 13.4 20.0
71 40.2 30.2 45.2

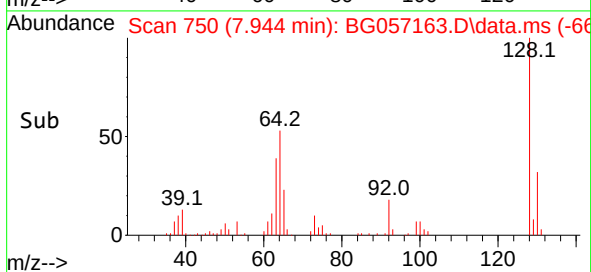
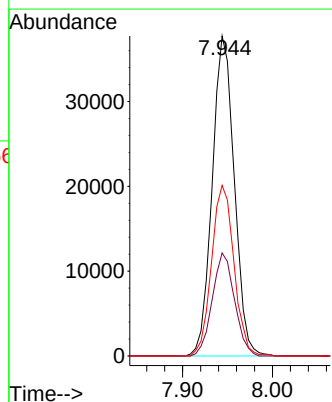
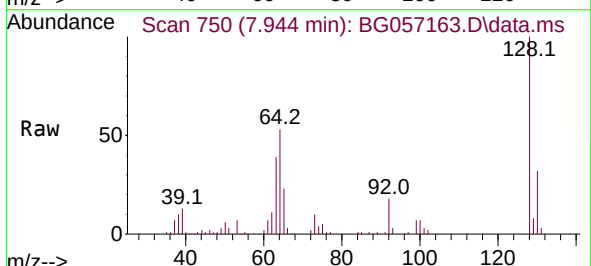
Manual Integrations
APPROVED

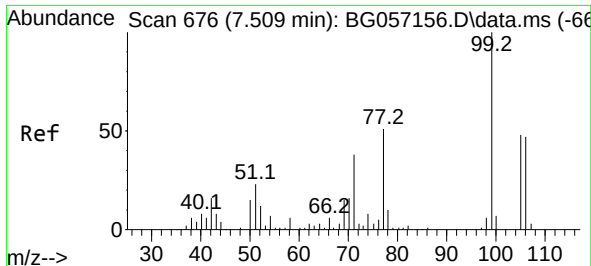
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#8
2-Chlorophenol
Concen: 55.091 ng
RT: 7.944 min Scan# 750
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

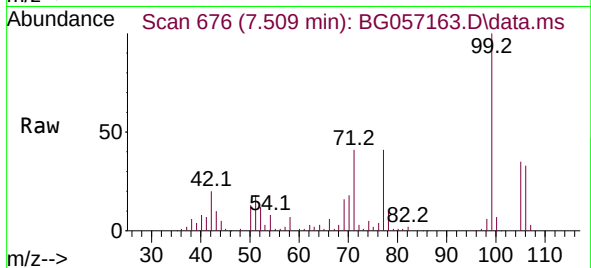
Tgt Ion:128 Resp: 64327
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 53.3 31.4 71.4





#9
Benzaldehyde
Concen: 50.481 ng
RT: 7.509 min Scan# 676
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

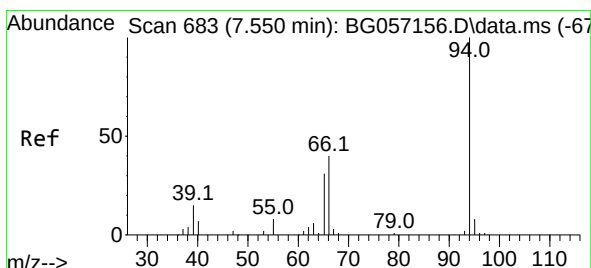
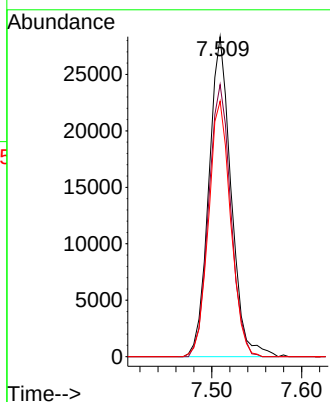
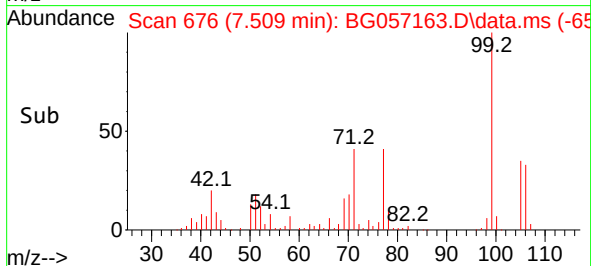
Instrument :
BNA_G
ClientSampleId :
PB152347BS



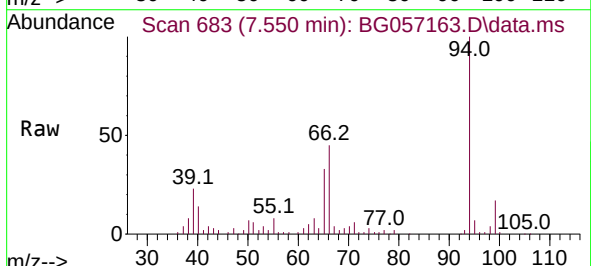
Tgt Ion: 77 Resp: 4876
Ion Ratio Lower Upper
77 100
105 85.0 73.5 113.5
106 79.9 72.7 112.7

Manual Integrations
APPROVED

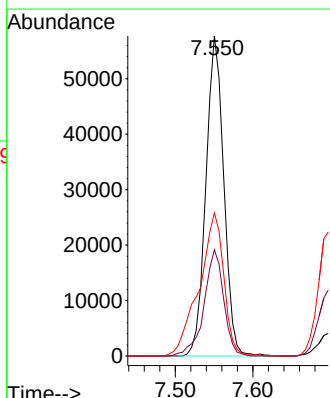
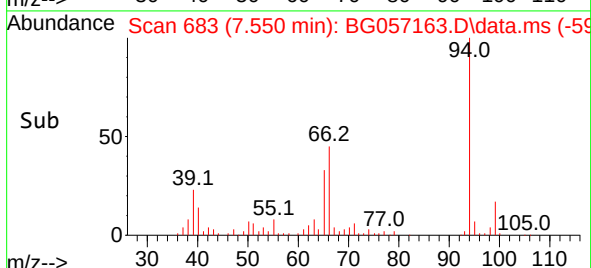
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

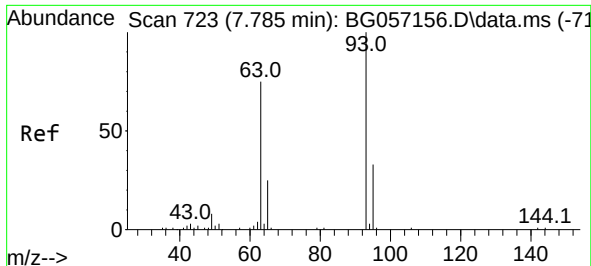


#10
Phenol
Concen: 57.703 ng
RT: 7.550 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion: 94 Resp: 92403
Ion Ratio Lower Upper
94 100
65 33.2 11.6 51.6
66 44.7 22.7 62.7





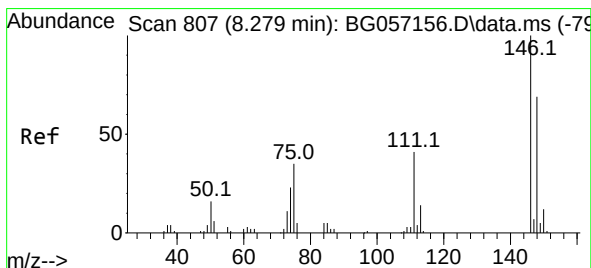
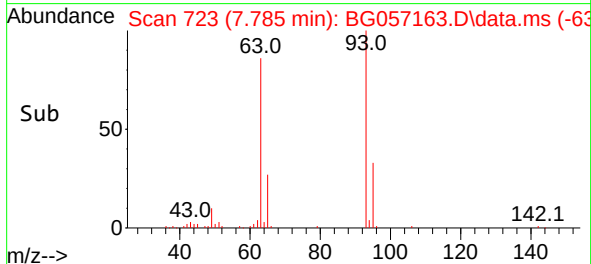
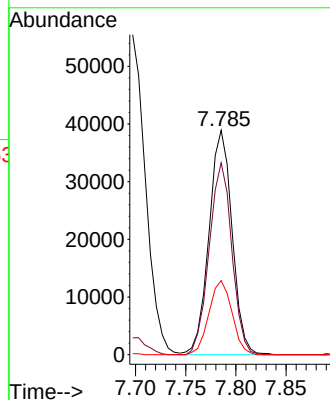
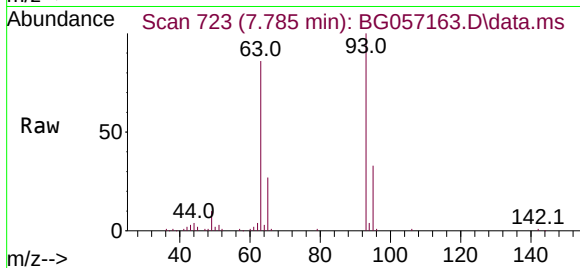
#11
bis(2-Chloroethyl)ether
Concen: 49.559 ng
RT: 7.785 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :
BNA_G
ClientSampleId :
PB152347BS

Tgt Ion: 93 Resp: 6227
Ion Ratio Lower Upper
93 100
63 85.6 53.9 93.9
95 33.0 13.1 53.1

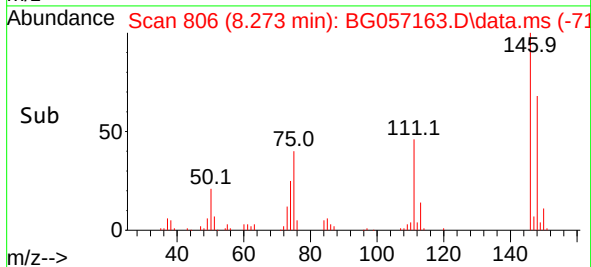
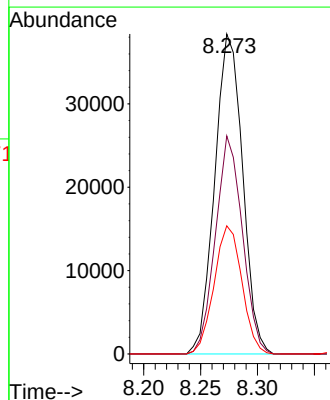
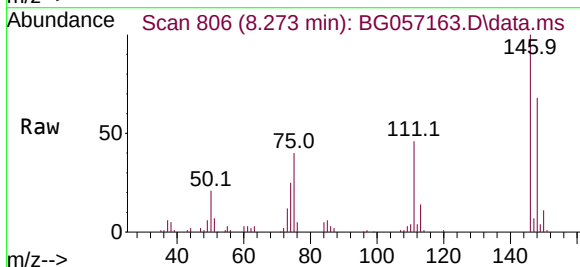
Manual Integrations
APPROVED

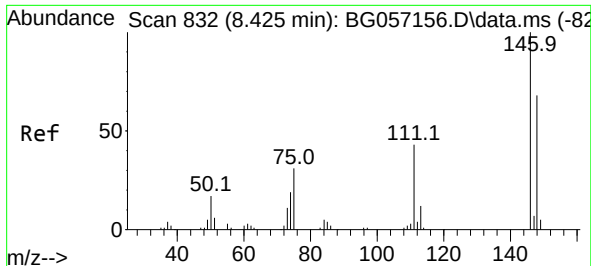
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#12
1,3-Dichlorobenzene
Concen: 47.306 ng
RT: 8.273 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:146 Resp: 65435
Ion Ratio Lower Upper
146 100
148 68.1 55.4 83.2
75 40.0 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 47.495 ng

RT: 8.420 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

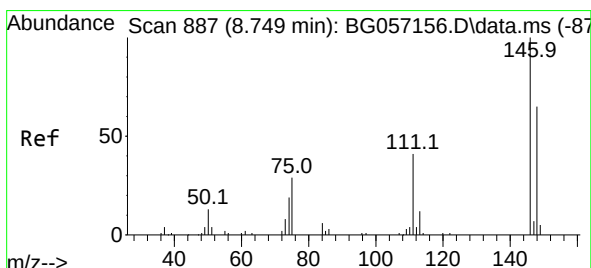
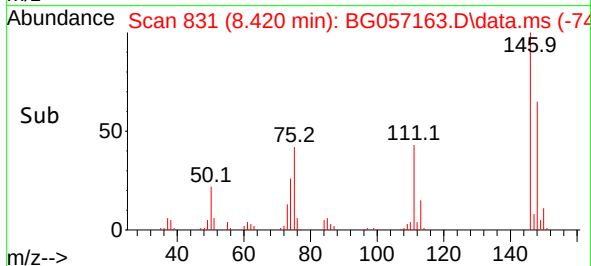
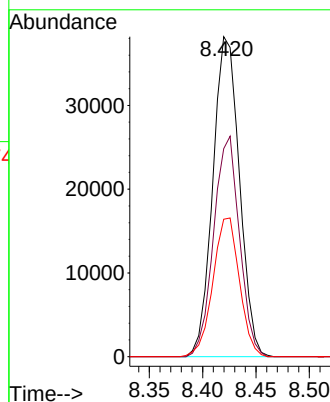
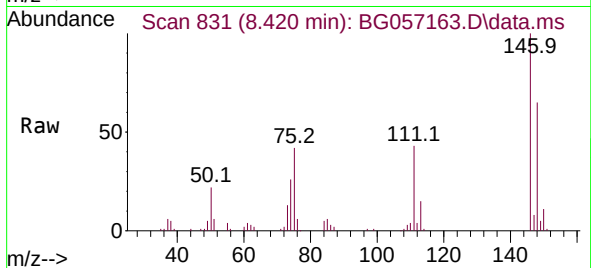
PB152347BS

Tgt Ion:146 Resp: 66209
 Ion Ratio Lower Upper
 146 100
 148 65.0 54.3 81.5
 111 43.0 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#14

1,2-Dichlorobenzene

Concen: 47.893 ng

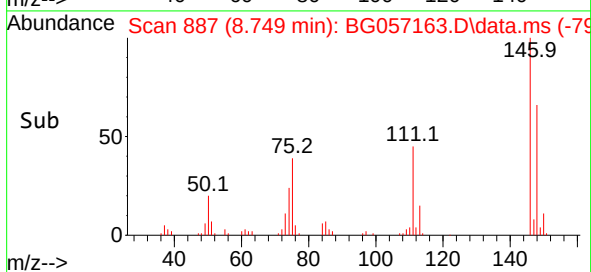
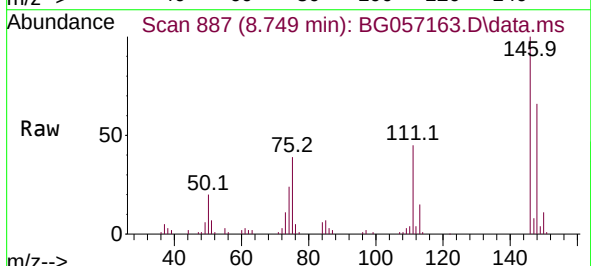
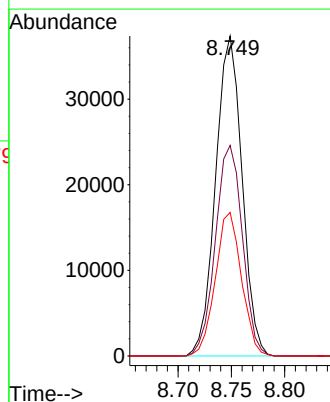
RT: 8.749 min Scan# 887

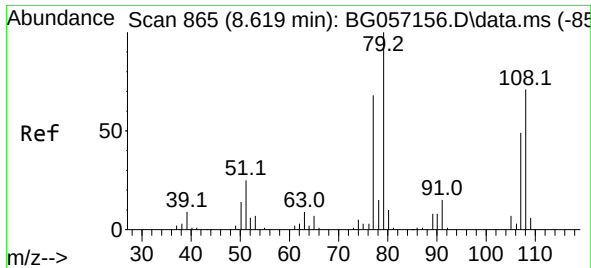
Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion:146 Resp: 64462
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.3 78.5
 111 44.9 33.1 49.7





#15
Benzyl Alcohol
Concen: 56.640 ng
RT: 8.619 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

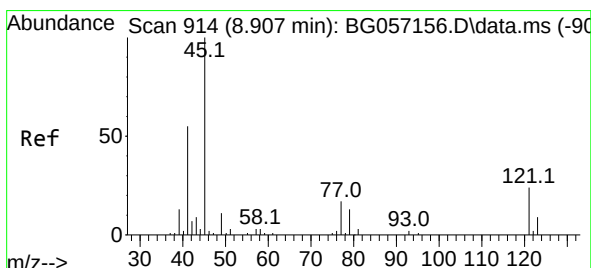
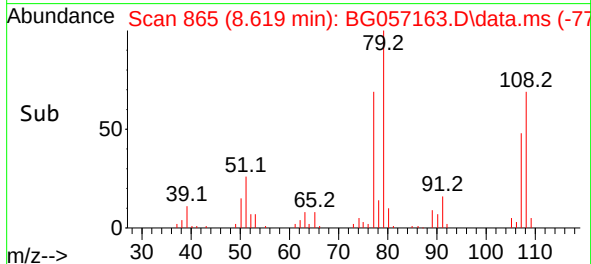
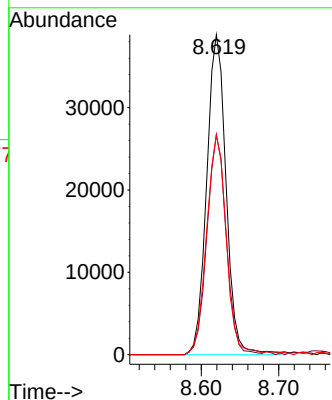
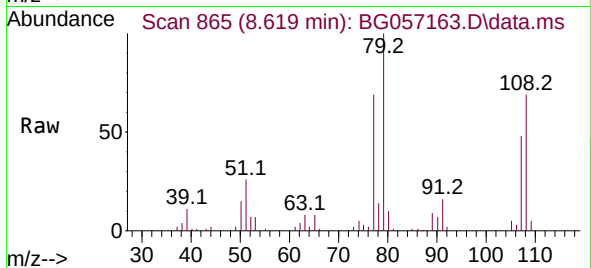
ClientSampleId :

PB152347BS

Tgt Ion: 79 Resp: 6730
Ion Ratio Lower Upper
79 100
108 68.9 56.8 85.2
77 68.5 54.2 81.2

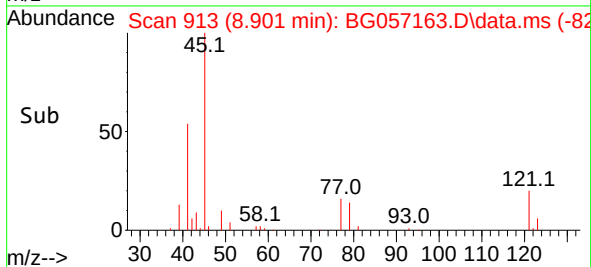
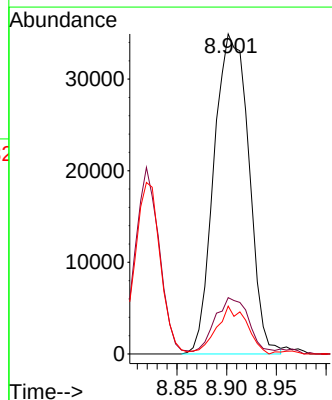
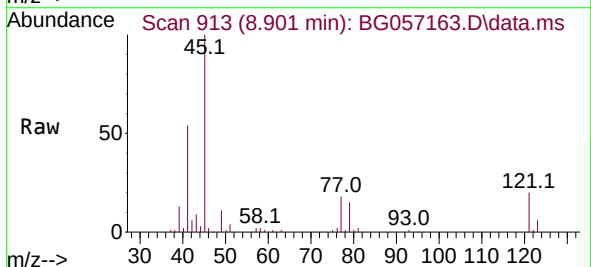
Manual Integrations
APPROVED

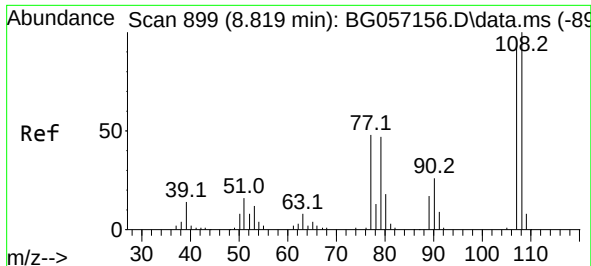
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.007 ng m
RT: 8.901 min Scan# 913
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 45 Resp: 85025
Ion Ratio Lower Upper
45 100
77 17.6 0.0 38.7
79 15.0 0.0 34.9





#17

2-Methylphenol

Concen: 51.859 ng

RT: 8.819 min Scan# 899

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

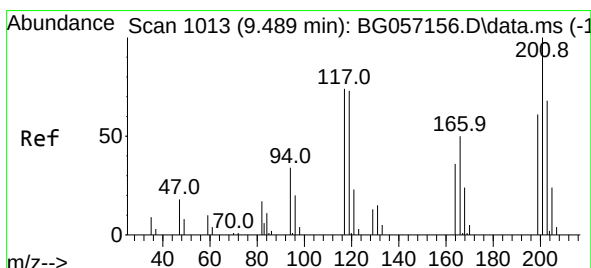
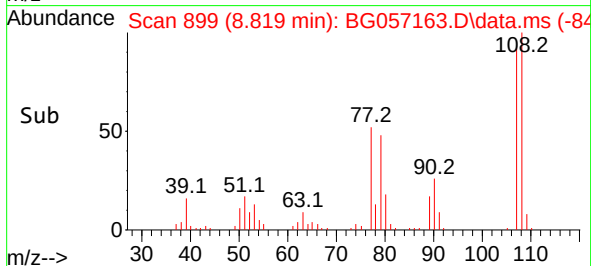
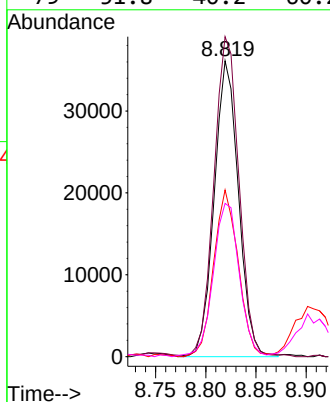
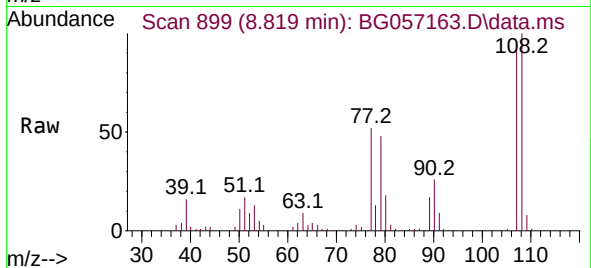
Tgt Ion:	107	Resp:	60769
Ion Ratio	Lower	Upper	
107	100		
108	108.2	86.2	129.4
77	56.4	41.8	62.8
79	51.8	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#18

Hexachloroethane

Concen: 50.007 ng

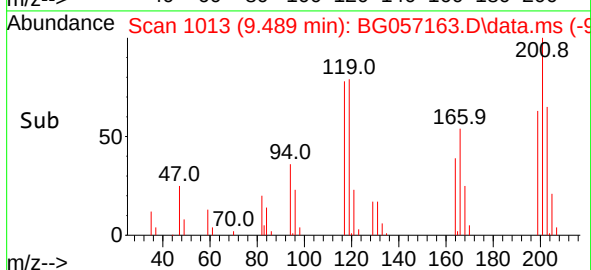
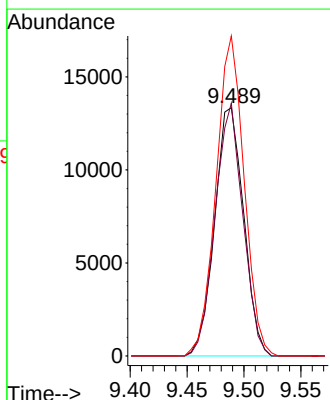
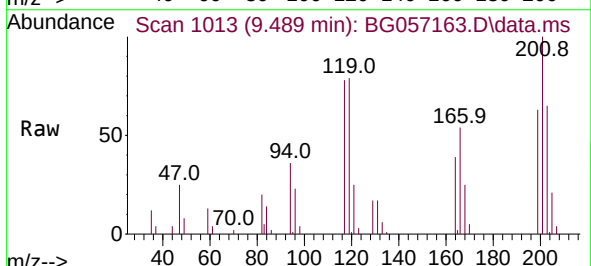
RT: 9.489 min Scan# 1013

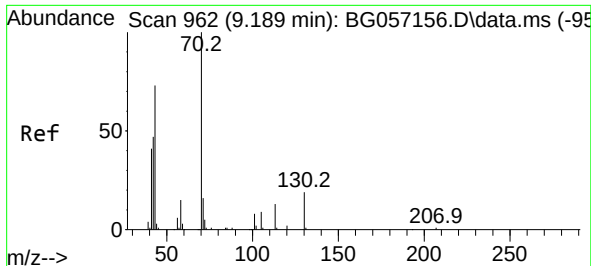
Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

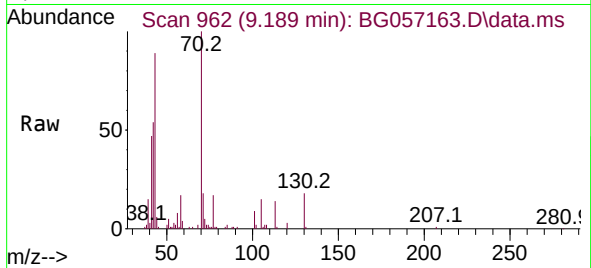
Tgt Ion:	117	Resp:	23649
Ion Ratio	Lower	Upper	
117	100		
119	101.8	78.3	117.5
201	128.9	107.6	161.4





#19
n-Nitroso-di-n-propylamine
Concen: 57.784 ng
RT: 9.189 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

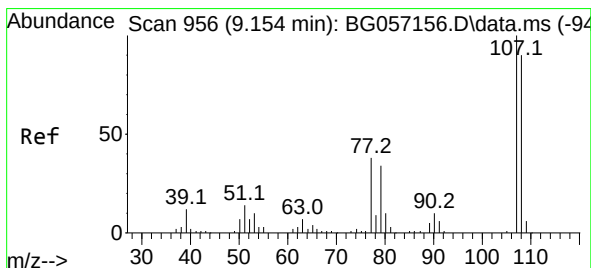
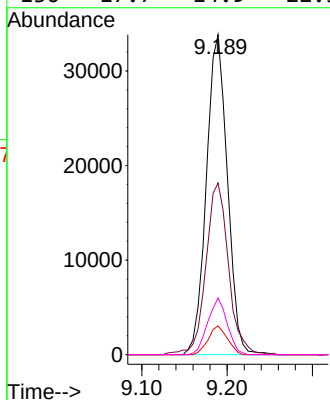
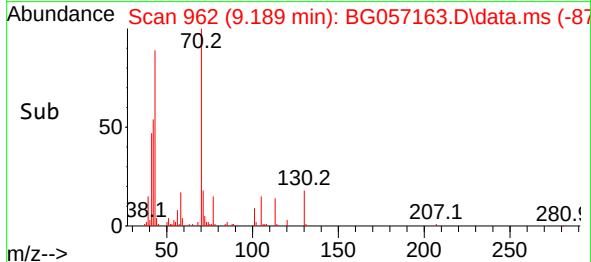
Instrument :
BNA_G
ClientSampleId :
PB152347BS



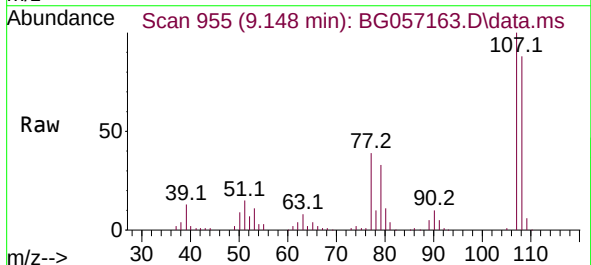
Tgt Ion: 70 Resp: 5796
Ion Ratio Lower Upper
70 100
42 53.6 38.0 57.0
101 9.0 6.6 9.8
130 17.7 14.9 22.3

Manual Integrations
APPROVED

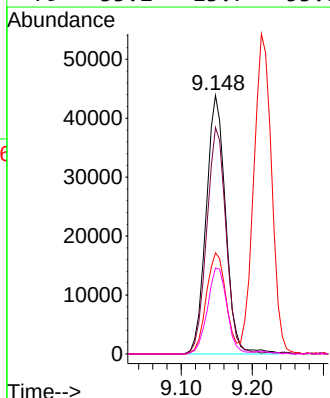
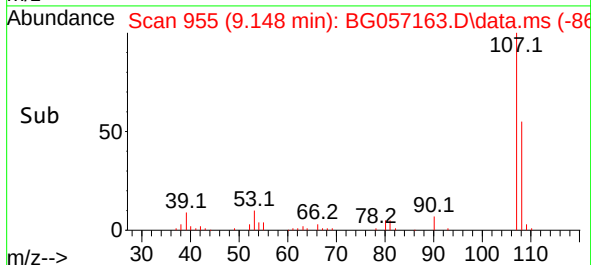
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

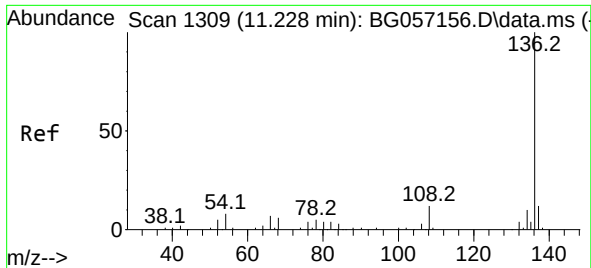


#20
3+4-Methylphenols
Concen: 52.130 ng
RT: 9.148 min Scan# 955
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:107 Resp: 83599
Ion Ratio Lower Upper
107 100
108 87.7 70.2 110.2
77 39.1 17.8 57.8
79 33.2 13.7 53.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.228 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

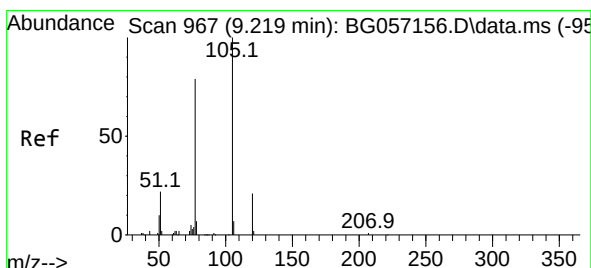
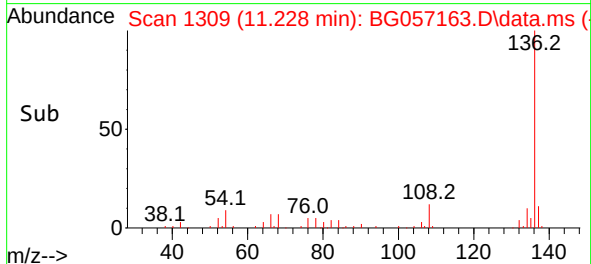
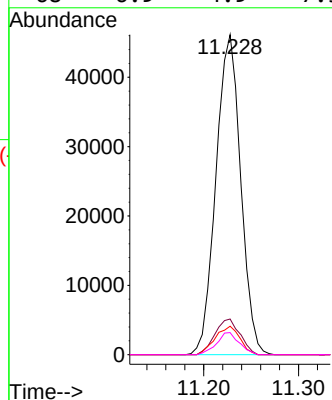
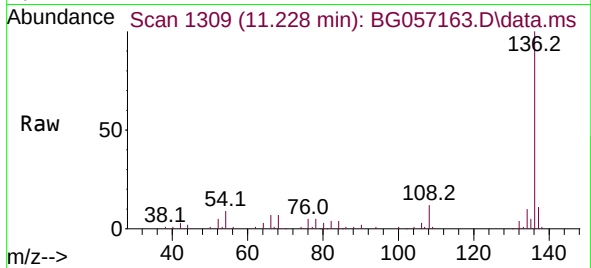
PB152347BS

Tgt Ion:136 Resp: 83652
Ion Ratio Lower Upper
136 100
137 11.1 9.5 14.3
54 8.9 6.4 9.6
68 6.9 4.9 7.3

Manual Integrations

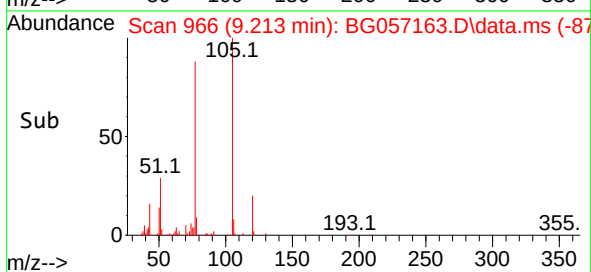
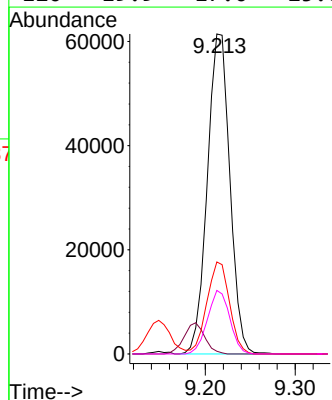
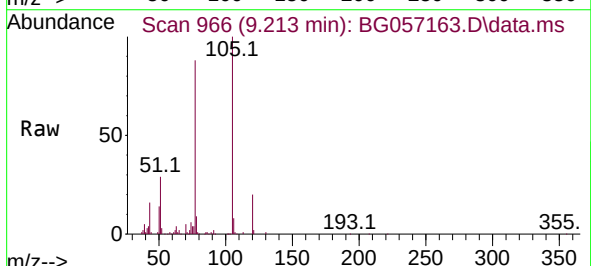
APPROVED

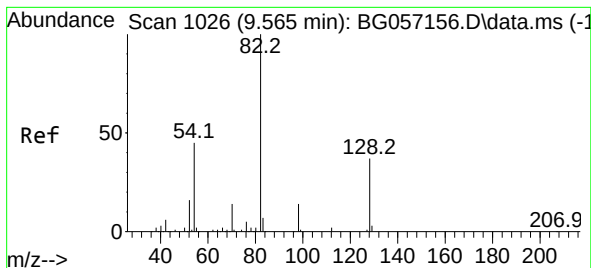
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#22
Acetophenone
Concen: 47.177 ng
RT: 9.213 min Scan# 966
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:105 Resp: 107057
Ion Ratio Lower Upper
105 100
71 0.9 0.2 0.4#
51 28.8 19.4 29.0
120 19.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 97.315 ng

RT: 9.565 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

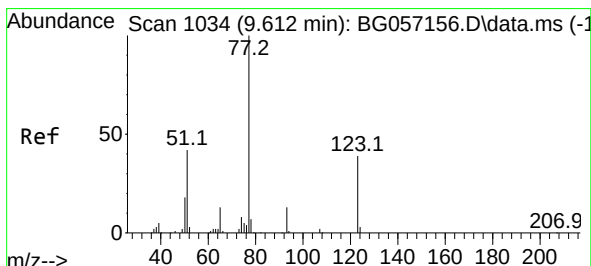
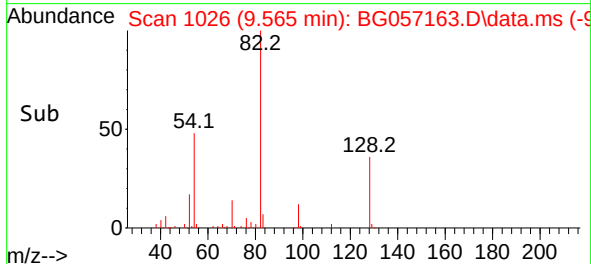
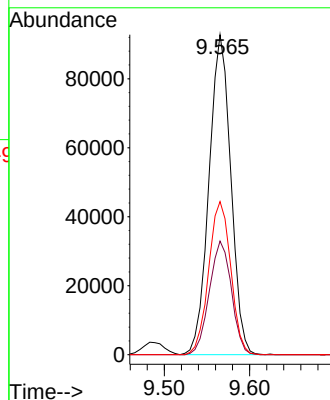
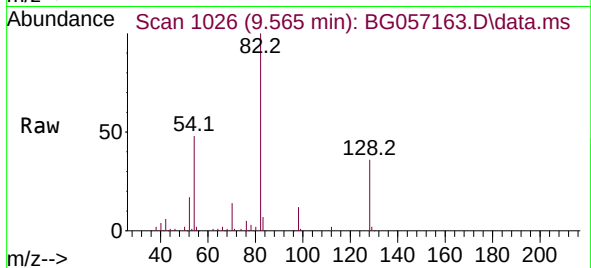
PB152347BS

Tgt Ion: 82	Resp: 16466
Ion Ratio	Lower Upper
82 100	
128 35.5	29.4 44.2
54 47.8	36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#24

Nitrobenzene

Concen: 51.907 ng

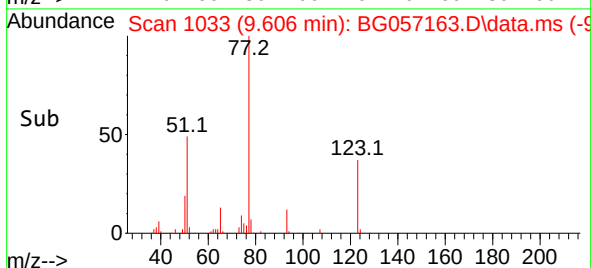
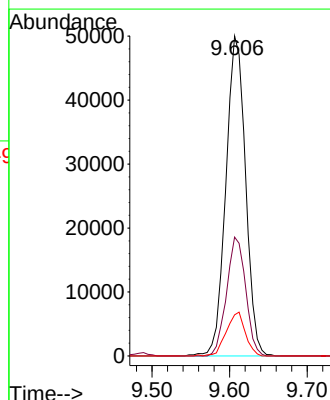
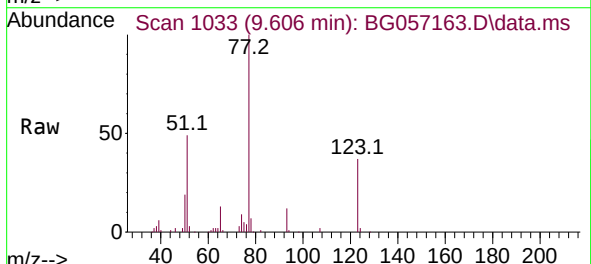
RT: 9.606 min Scan# 1033

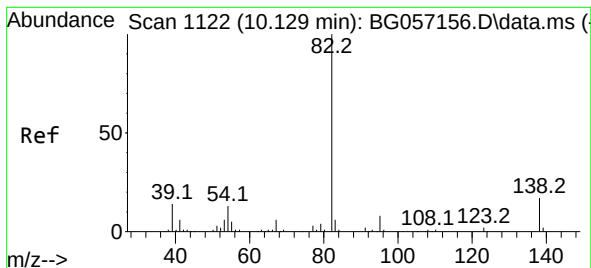
Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion: 77	Resp: 88185
Ion Ratio	Lower Upper
77 100	
123 37.2	31.3 46.9
65 12.9	10.5 15.7





#25

Isophorone

Concen: 49.158 ng

RT: 10.129 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

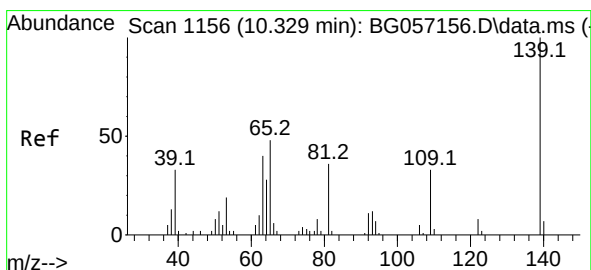
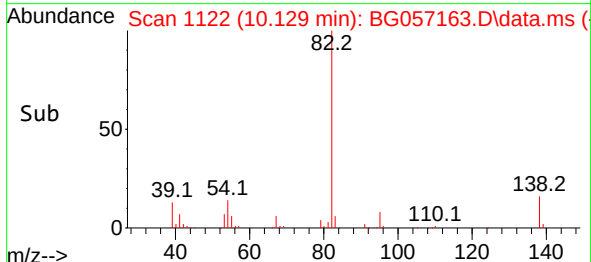
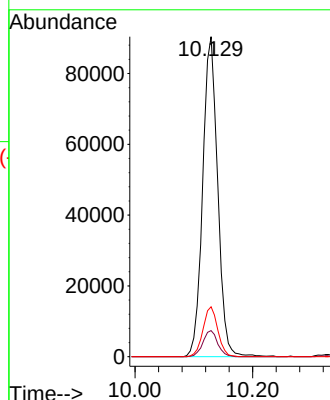
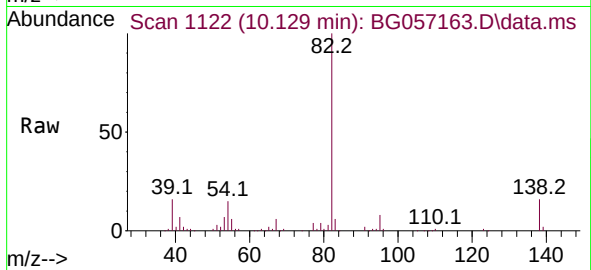
ClientSampleId :

PB152347BS

Tgt Ion: 82 Resp: 159550
 Ion Ratio Lower Upper
 82 100
 95 8.2 6.2 9.2
 138 15.6 13.4 20.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#26

2-Nitrophenol

Concen: 49.552 ng

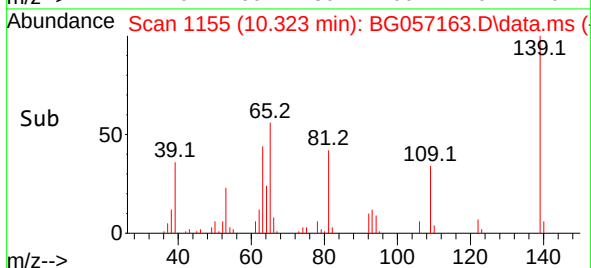
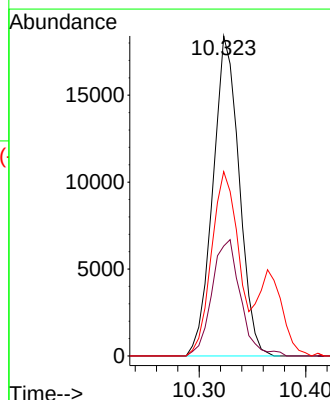
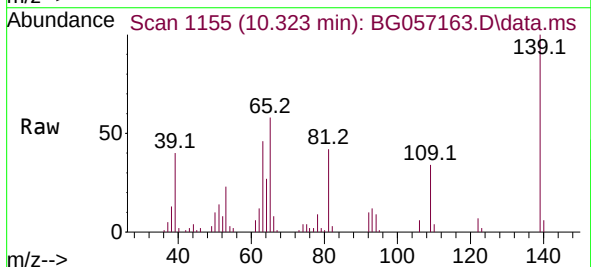
RT: 10.323 min Scan# 1155

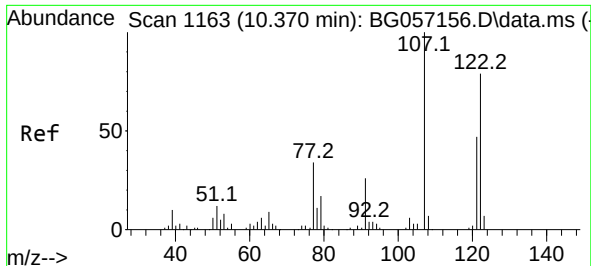
Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion:139 Resp: 31451
 Ion Ratio Lower Upper
 139 100
 109 34.4 26.6 39.8
 65 57.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 52.884 ng

RT: 10.364 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

Tgt Ion:122 Resp: 6451

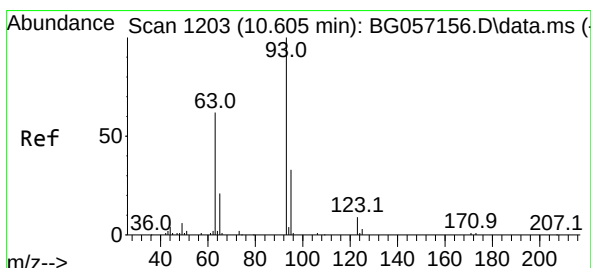
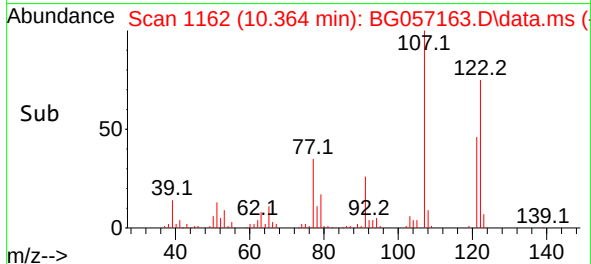
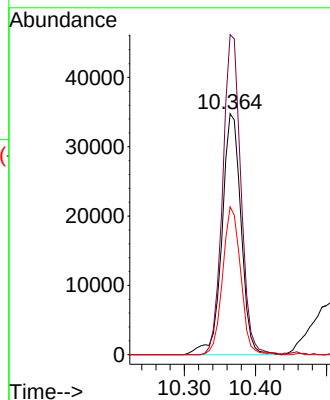
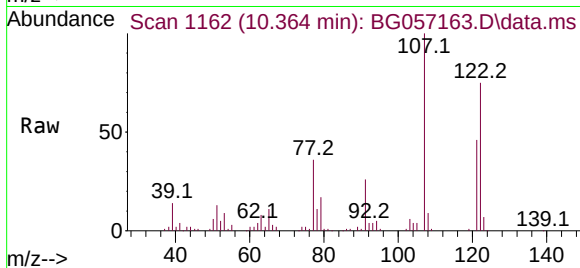
Ion	Ratio	Lower	Upper
122	100		
107	132.8	101.5	152.3
121	61.3	48.0	72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 50.923 ng

RT: 10.599 min Scan# 1202

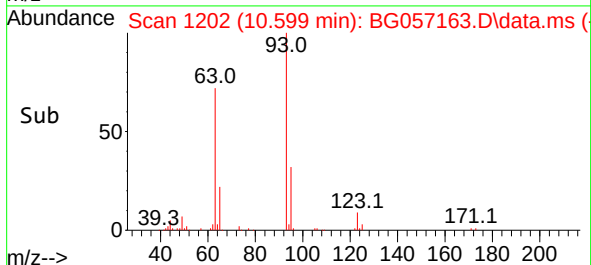
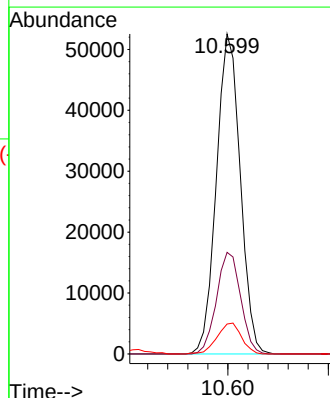
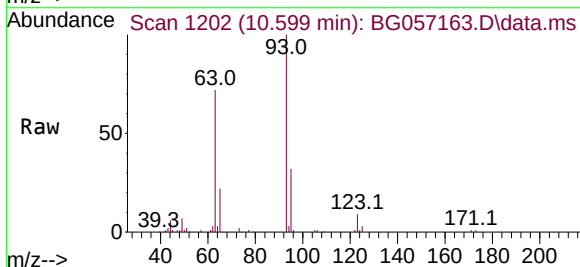
Delta R.T. -0.006 min

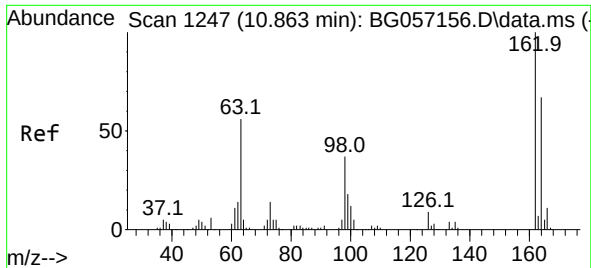
Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion: 93 Resp: 86640

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.5	39.7
123	9.4	7.4	11.0





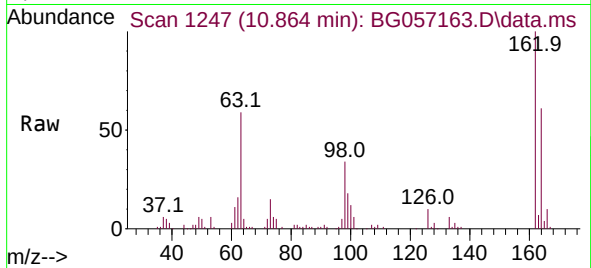
#29
2,4-Dichlorophenol
Concen: 49.997 ng
RT: 10.864 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

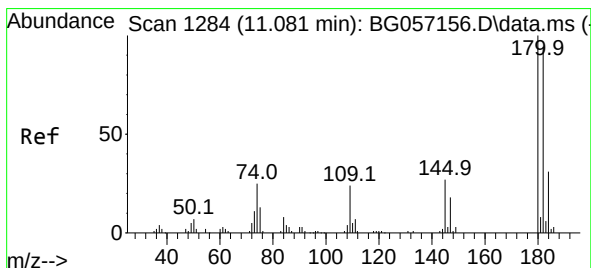
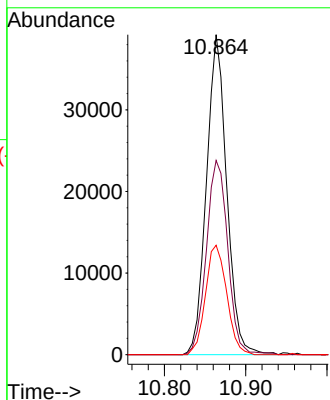
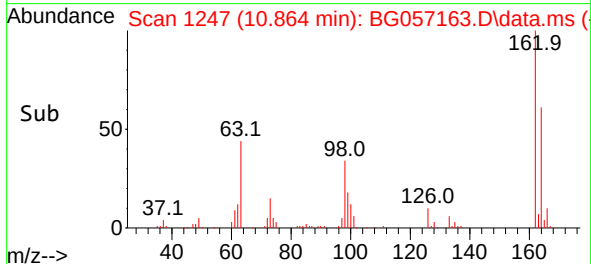


Tgt Ion:162 Resp: 6794
Ion Ratio Lower Upper
162 100
164 60.7 47.2 87.2
98 34.2 16.8 56.8

Manual Integrations

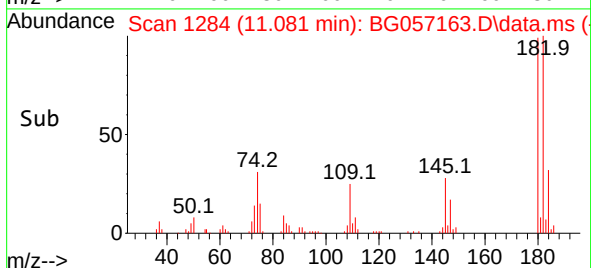
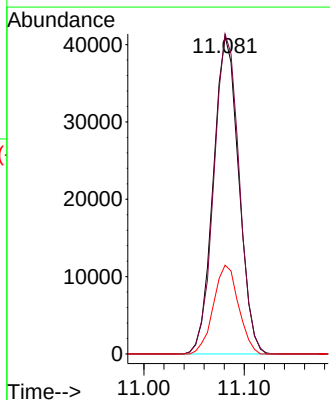
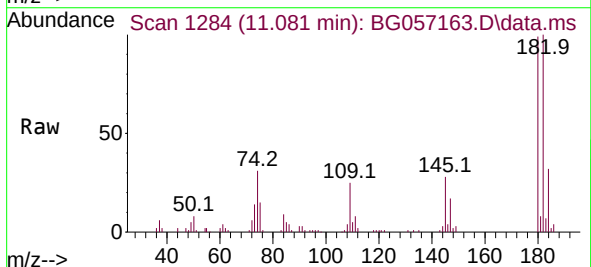
APPROVED

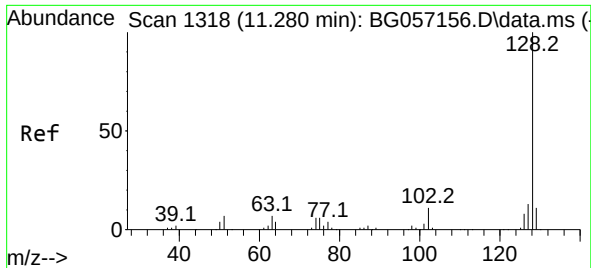
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.446 ng
RT: 11.081 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

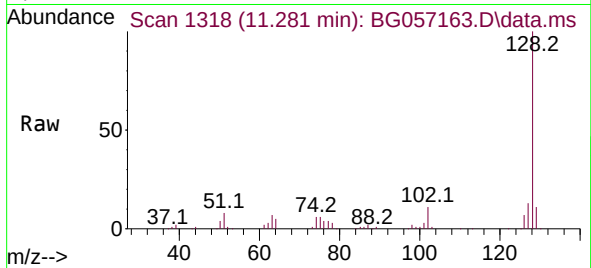
Tgt Ion:180 Resp: 72197
Ion Ratio Lower Upper
180 100
182 100.7 75.0 112.6
145 27.9 21.4 32.2





#31
Naphthalene
Concen: 45.353 ng
RT: 11.281 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

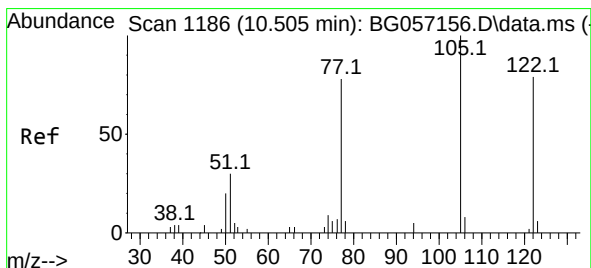
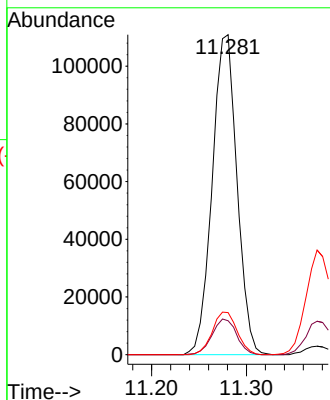
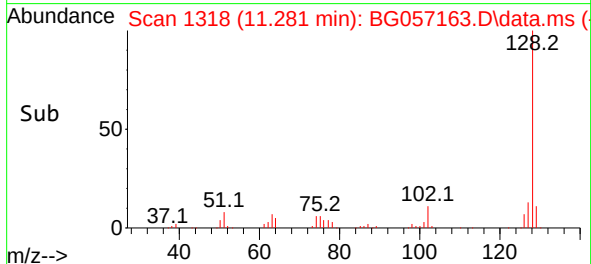
Instrument :
BNA_G
ClientSampleId :
PB152347BS



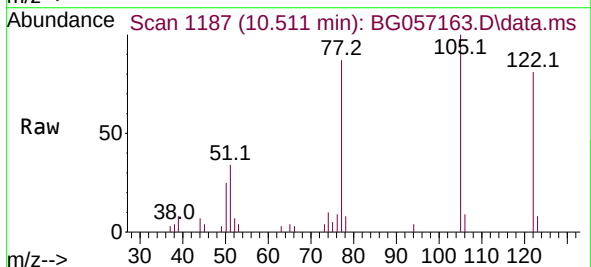
Tgt Ion:128 Resp: 201510
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.1 10.6 16.0

Manual Integrations
APPROVED

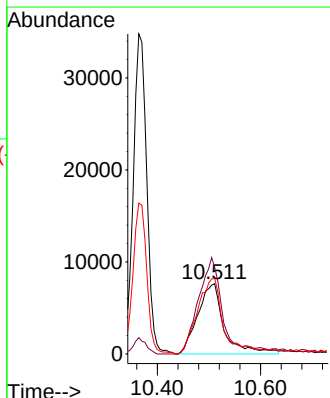
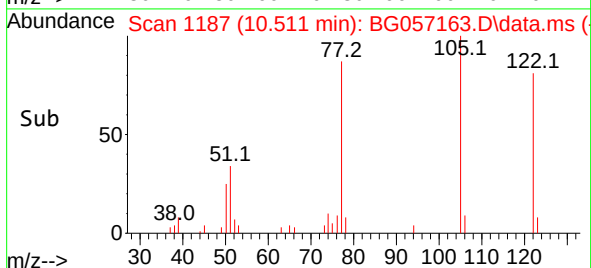
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

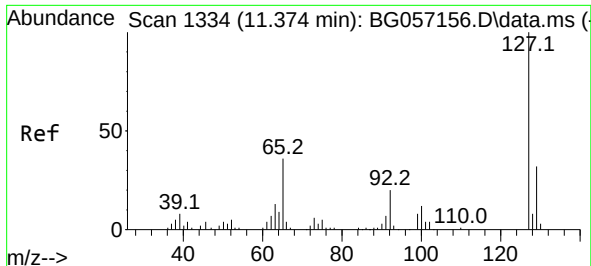


#32
Benzoic acid
Concen: 47.347 ng m
RT: 10.511 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:122 Resp: 27041
Ion Ratio Lower Upper
122 100
105 123.2 104.3 144.3
77 107.5 79.5 119.5





#33
4-Chloroaniline
Concen: 36.030 ng
RT: 11.375 min Scan# 11334
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

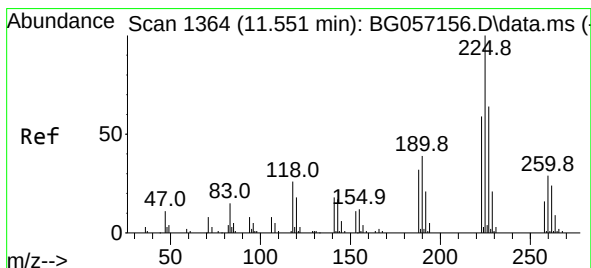
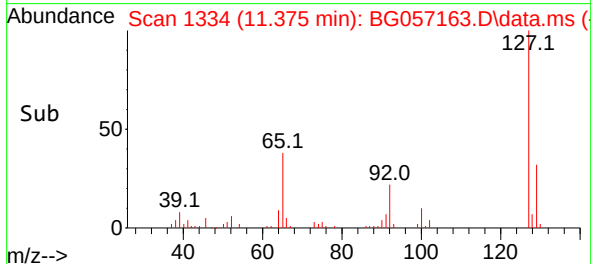
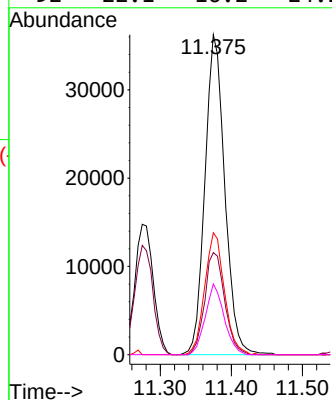
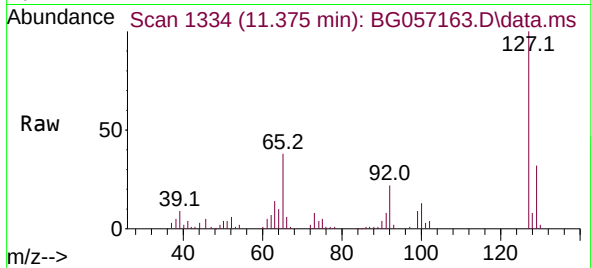
PB152347BS

Tgt Ion:127 Resp: 70385
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 38.1 28.6 42.8
92 22.1 16.2 24.2

Manual Integrations

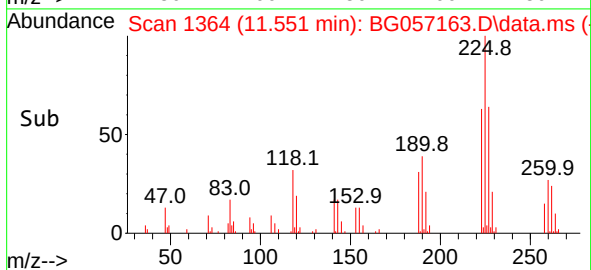
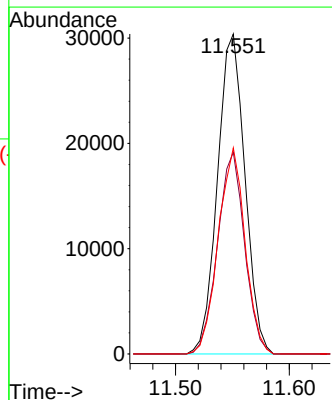
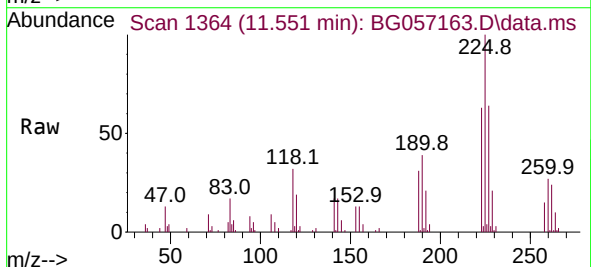
APPROVED

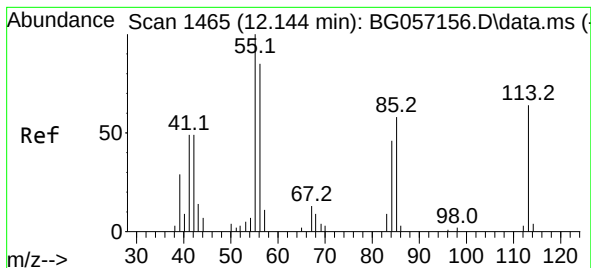
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#34
Hexachlorobutadiene
Concen: 41.606 ng
RT: 11.551 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

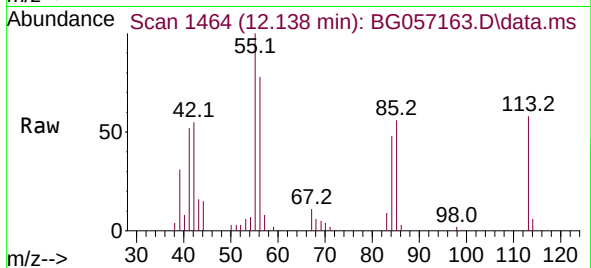
Tgt Ion:225 Resp: 50981
Ion Ratio Lower Upper
225 100
223 63.1 47.4 71.0
227 64.4 51.1 76.7





#35
 Caprolactam
 Concen: 53.435 ng m
 RT: 12.138 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52

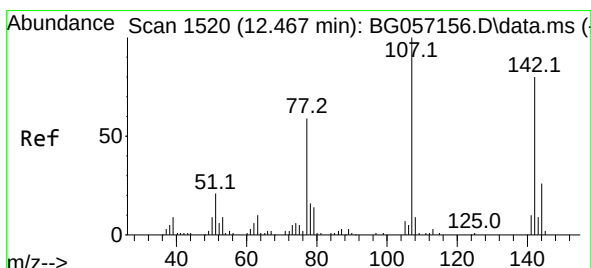
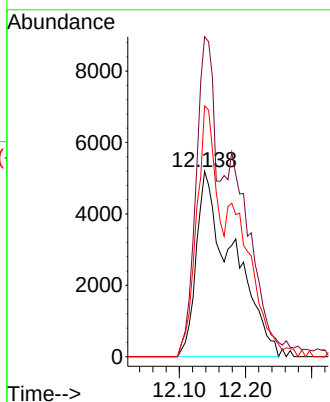
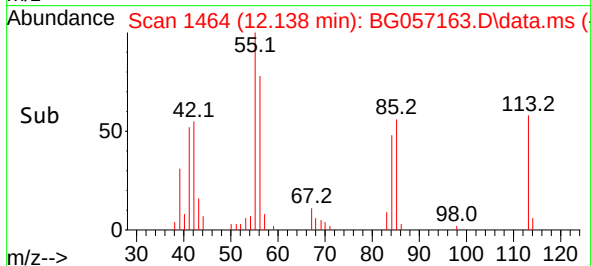
Instrument :
 BNA_G
 ClientSampleId :
 PB152347BS



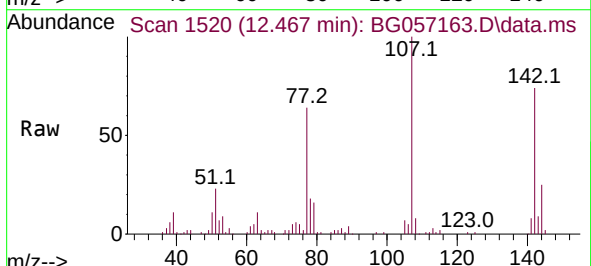
Tgt Ion:113 Resp: 2010
 Ion Ratio Lower Upper
 113 100
 55 172.8 135.8 175.8
 56 135.4 111.8 151.8

Manual Integrations
 APPROVED

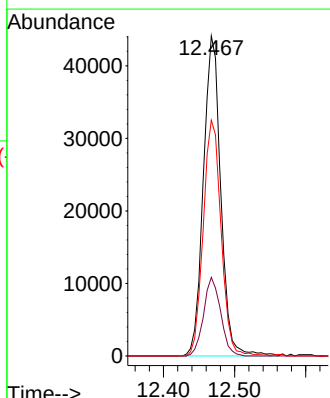
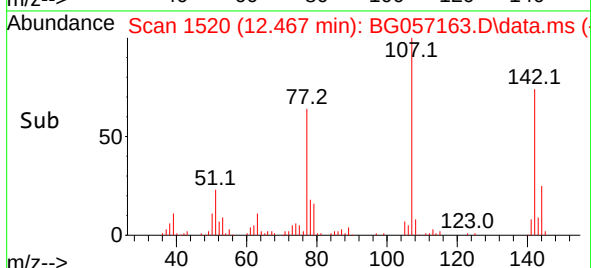
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

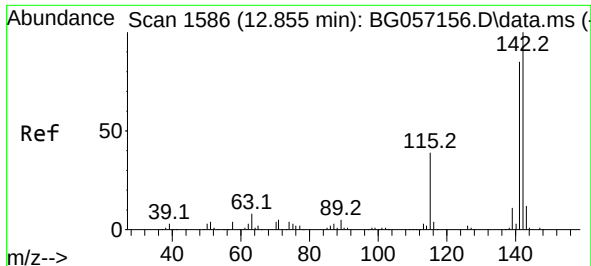


#36
 4-Chloro-3-methylphenol
 Concen: 51.396 ng
 RT: 12.467 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52



Tgt Ion:107 Resp: 75136
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.0 31.6
 142 73.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 42.472 ng
RT: 12.855 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

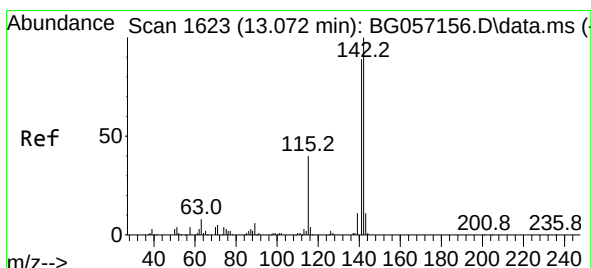
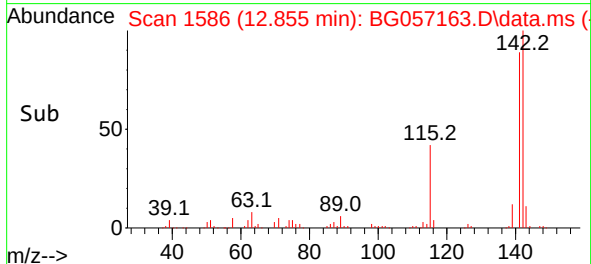
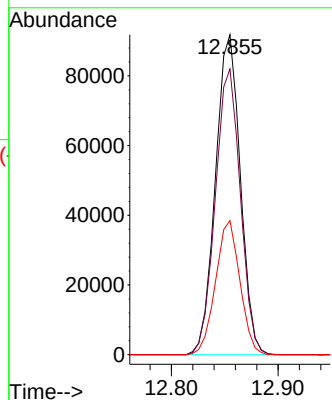
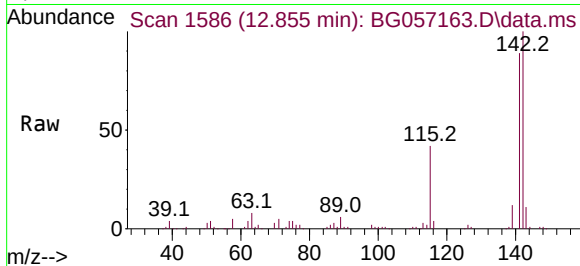
ClientSampleId :

PB152347BS

Tgt Ion:142 Resp: 14850
Ion Ratio Lower Upper
142 100
141 89.3 68.1 102.1
115 41.9 31.0 46.4

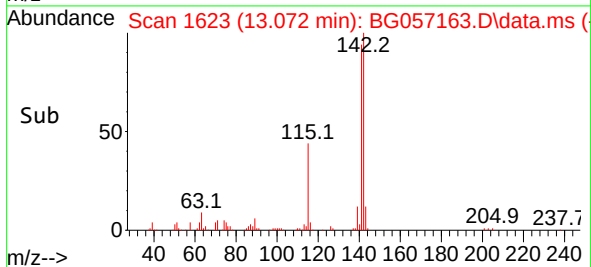
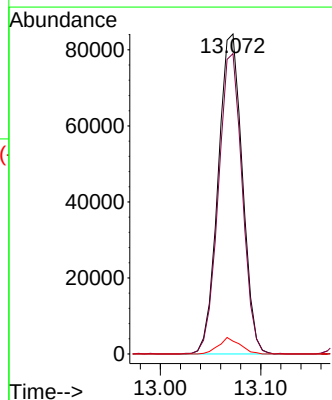
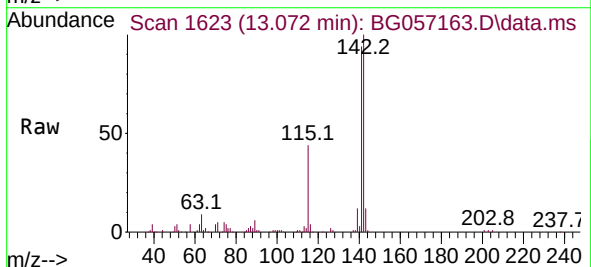
Manual Integrations
APPROVED

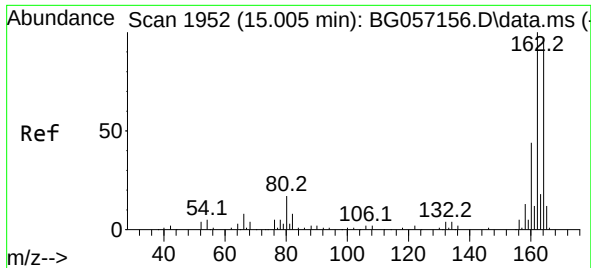
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#38
1-Methylnaphthalene
Concen: 43.615 ng
RT: 13.072 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:142 Resp: 140792
Ion Ratio Lower Upper
142 100
141 93.9 71.6 107.4
116 4.0 3.3 4.9





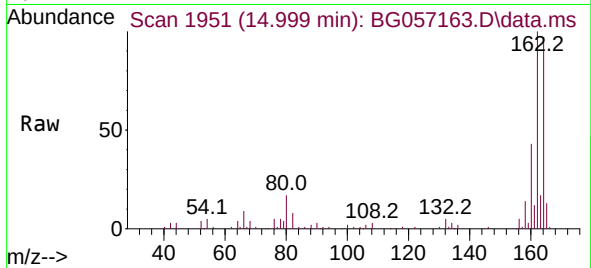
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

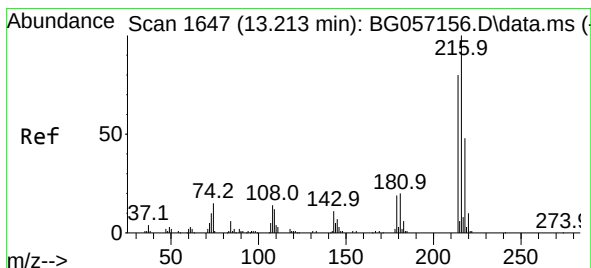
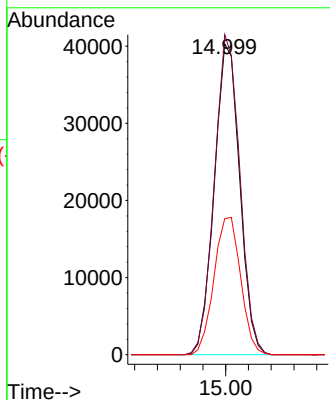
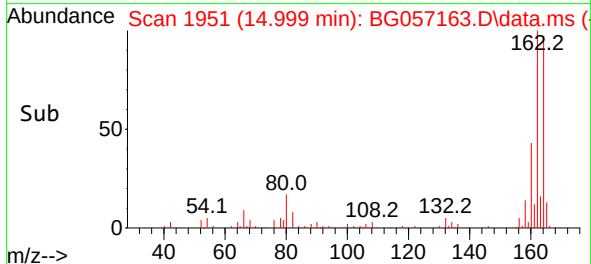


Tgt Ion:164 Resp: 62560
Ion Ratio Lower Upper
164 100
162 102.9 82.4 123.6
160 43.8 36.2 54.2

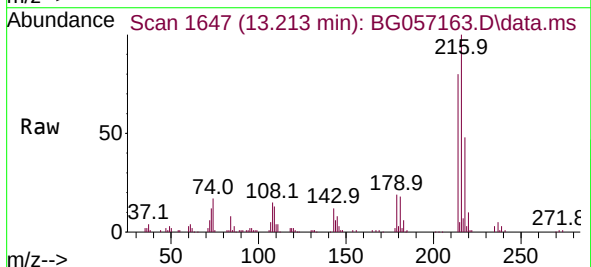
Manual Integrations

APPROVED

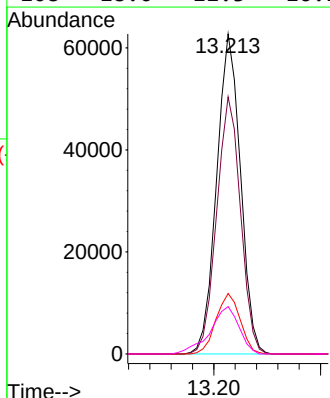
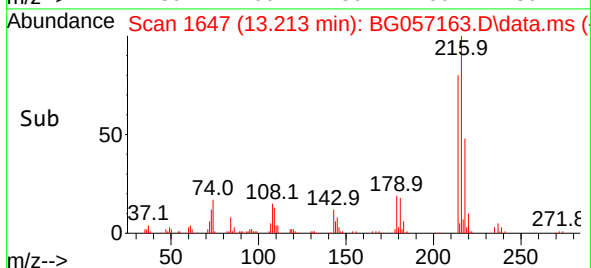
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

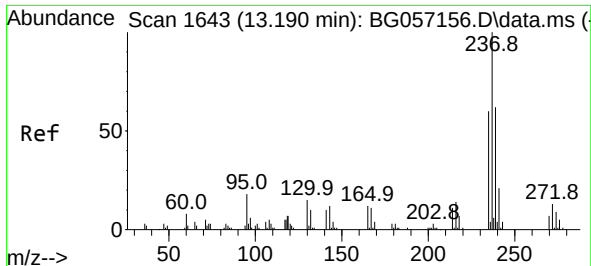


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.444 ng
RT: 13.213 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:216 Resp: 97159
Ion Ratio Lower Upper
216 100
214 80.2 62.3 93.5
179 19.1 14.8 22.2
108 18.0 11.3 16.9#





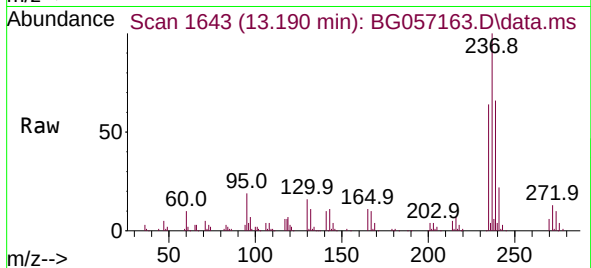
#41
Hexachlorocyclopentadiene
Concen: 105.646 ng
RT: 13.190 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

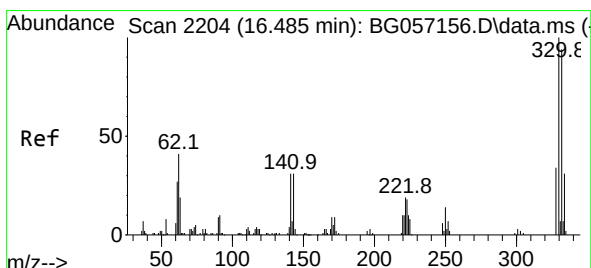
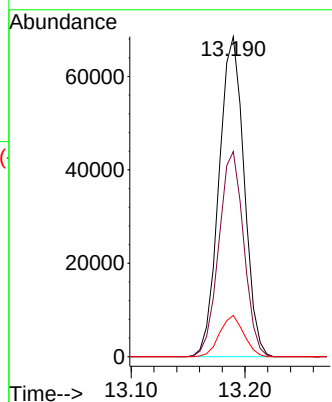
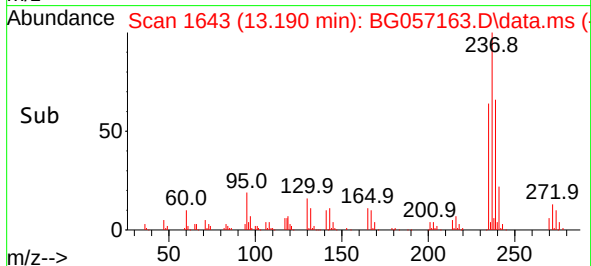


Tgt Ion:237 Resp: 10500
Ion Ratio Lower Upper
237 100
235 64.1 39.7 79.7
272 12.9 0.0 32.6

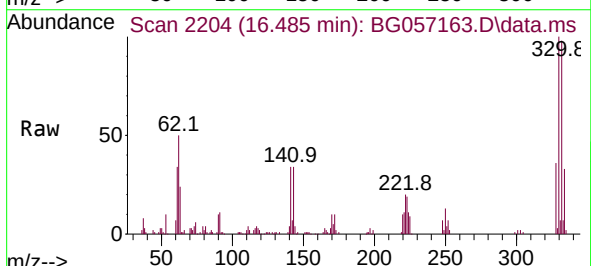
Manual Integrations

APPROVED

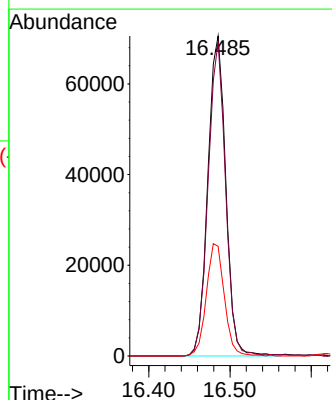
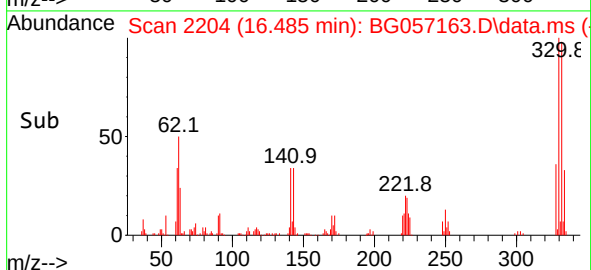
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

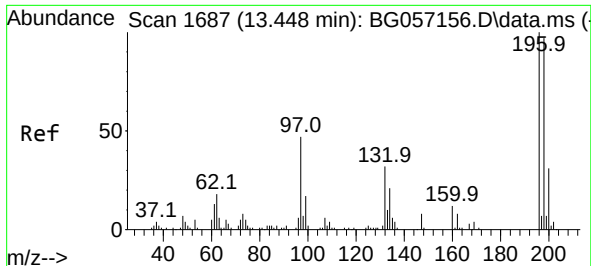


#42
2,4,6-Tribromophenol
Concen: 130.664 ng
RT: 16.485 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



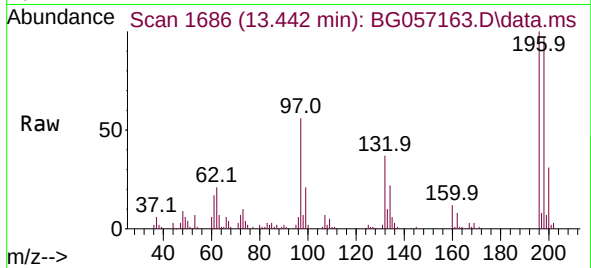
Tgt Ion:330 Resp: 107853
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 35.3 26.0 39.0





#43
2,4,6-Trichlorophenol
Concen: 48.483 ng
RT: 13.442 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

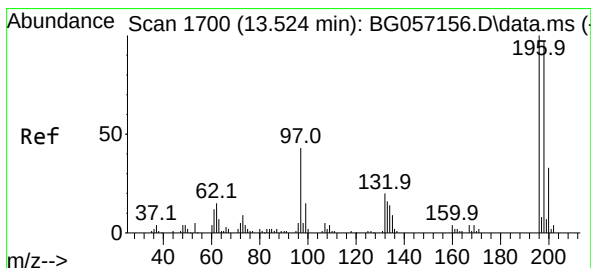
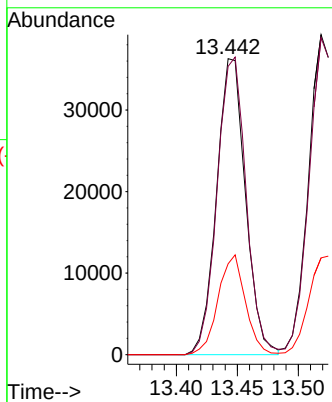
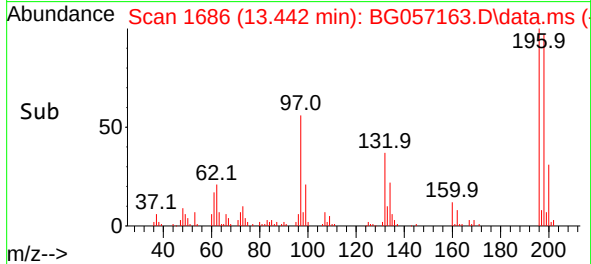
Instrument :
BNA_G
ClientSampleId :
PB152347BS



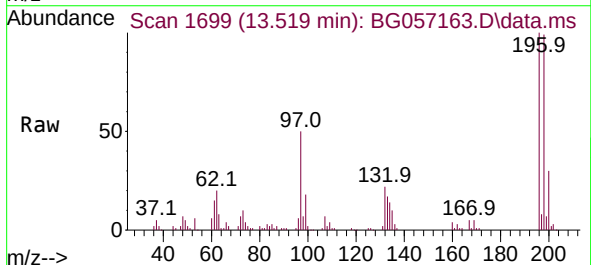
Tgt Ion:196 Resp: 60085
Ion Ratio Lower Upper
196 100
198 97.4 77.5 116.3
200 30.7 24.6 37.0

Manual Integrations
APPROVED

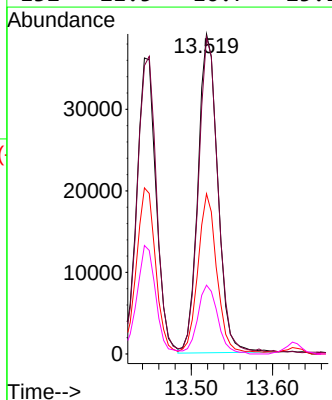
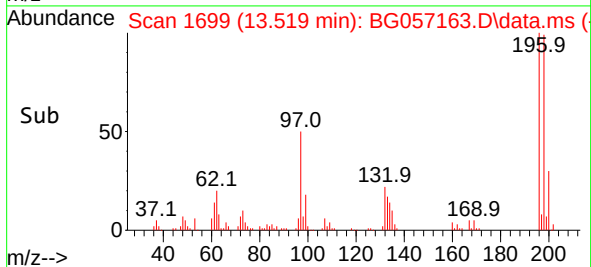
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

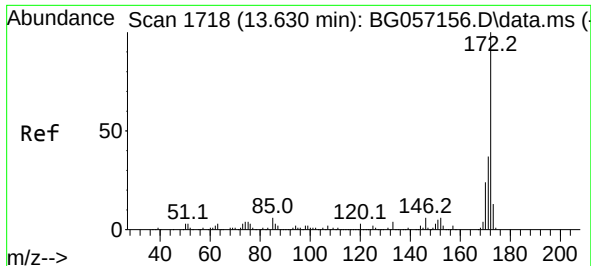


#44
2,4,5-Trichlorophenol
Concen: 44.009 ng
RT: 13.519 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



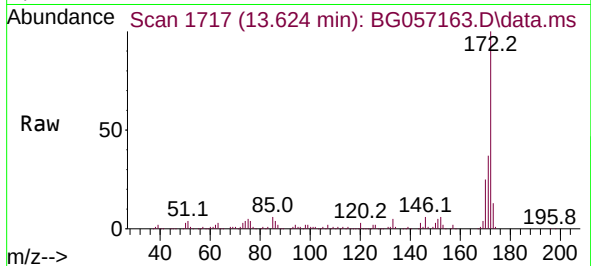
Tgt Ion:196 Resp: 65844
Ion Ratio Lower Upper
196 100
198 99.1 78.4 117.6
97 50.1 34.6 51.8
132 21.5 16.7 25.1





#45
2-Fluorobiphenyl
Concen: 86.713 ng
RT: 13.624 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

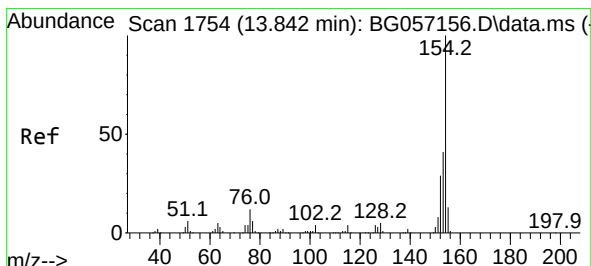
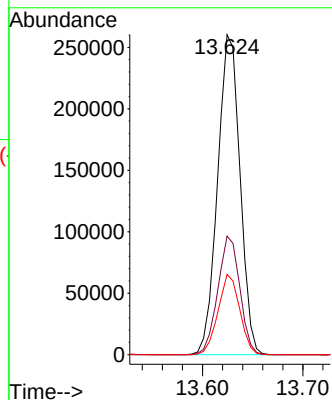
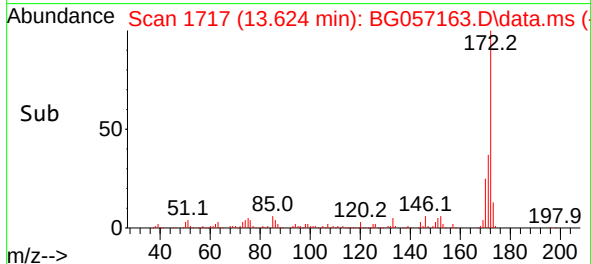
Instrument :
BNA_G
ClientSampleId :
PB152347BS



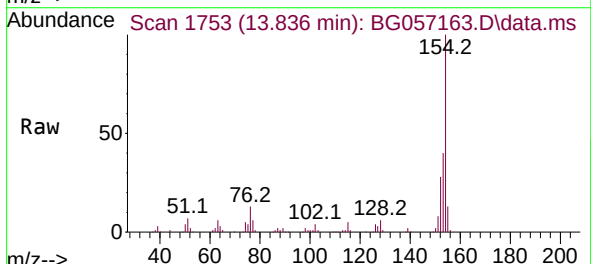
Tgt Ion:172 Resp: 403652
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 25.1 19.4 29.2

Manual Integrations
APPROVED

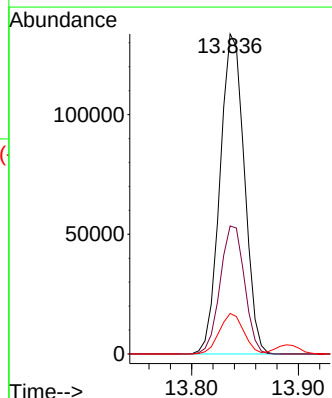
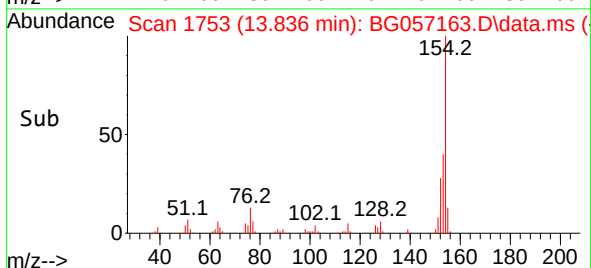
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

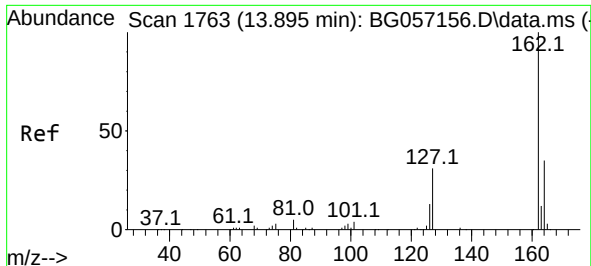


#46
1,1'-Biphenyl
Concen: 45.445 ng
RT: 13.836 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



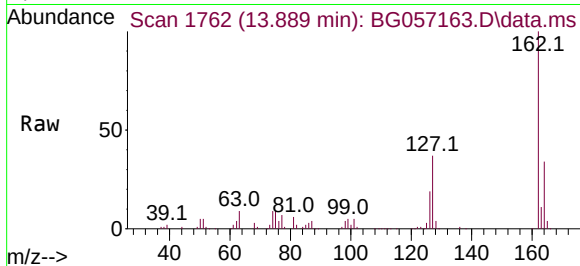
Tgt Ion:154 Resp: 211915
Ion Ratio Lower Upper
154 100
153 40.0 20.9 60.9
76 12.7 0.0 32.3





#47
2-Chloronaphthalene
Concen: 46.179 ng
RT: 13.889 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

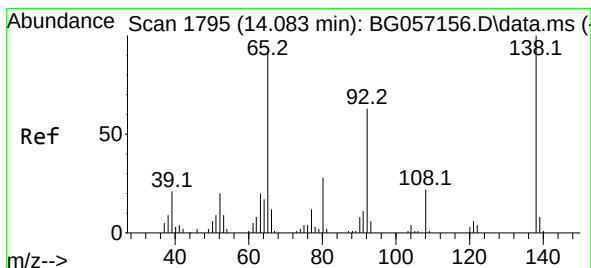
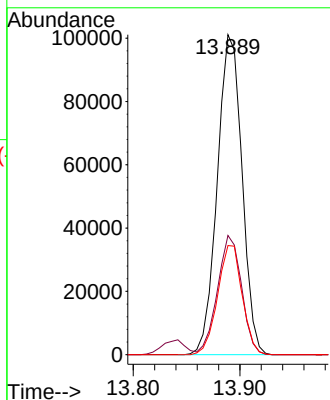
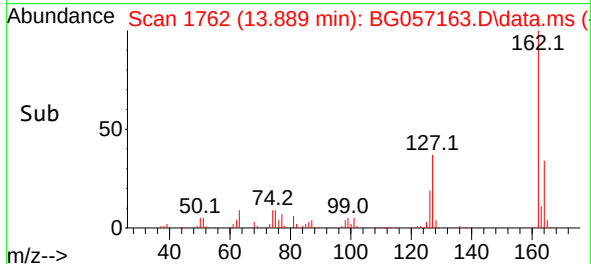
Instrument :
BNA_G
ClientSampleId :
PB152347BS



Tgt Ion:162 Resp: 16252
Ion Ratio Lower Upper
162 100
127 37.2 28.7 43.1
164 34.1 27.8 41.6

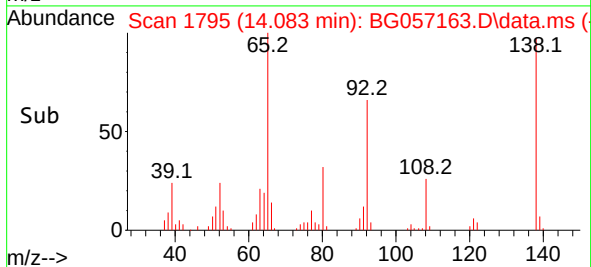
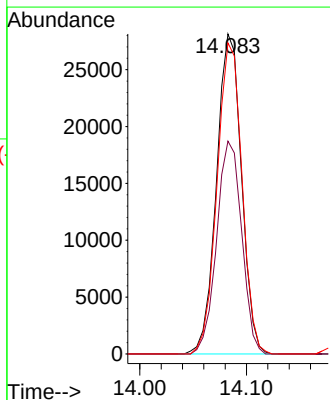
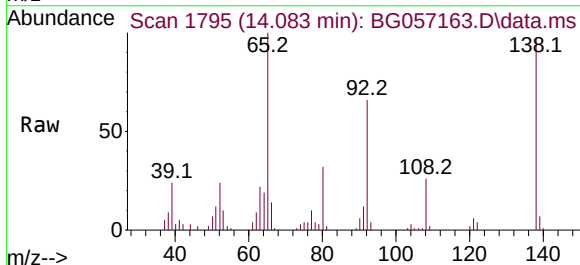
Manual Integrations
APPROVED

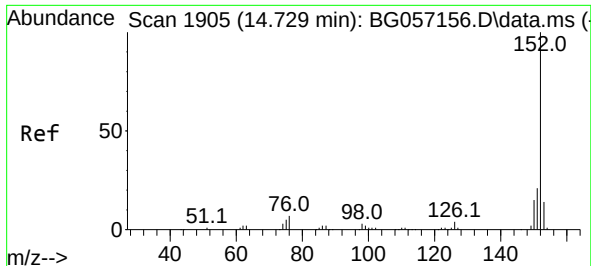
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#48
2-Nitroaniline
Concen: 51.493 ng
RT: 14.083 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 65 Resp: 45613
Ion Ratio Lower Upper
65 100
92 66.5 54.9 82.3
138 97.2 86.6 129.8





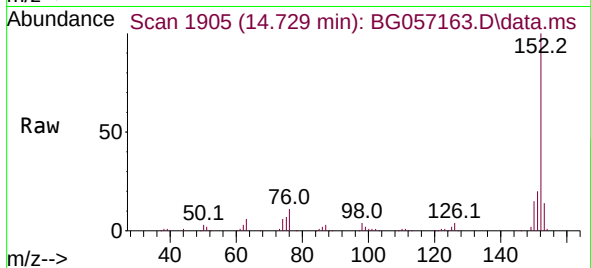
#49
Acenaphthylene
Concen: 45.556 ng
RT: 14.729 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

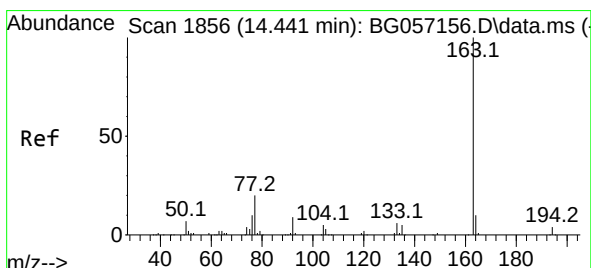
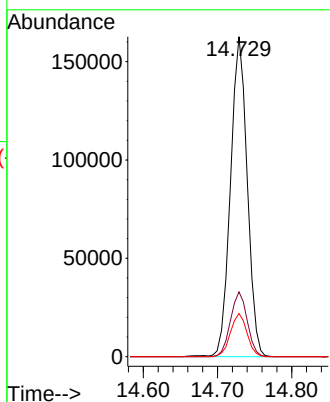
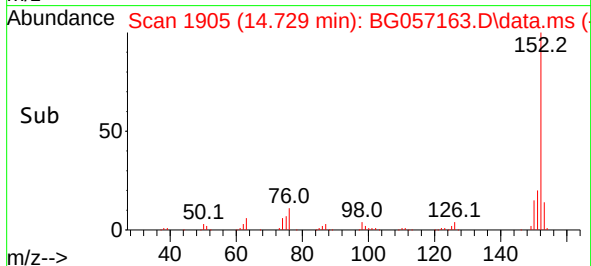


Tgt Ion:152 Resp: 254520
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.5 11.0 16.6

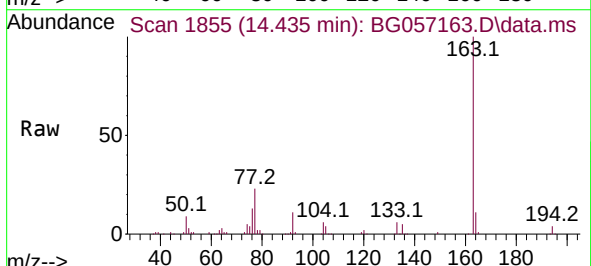
Manual Integrations

APPROVED

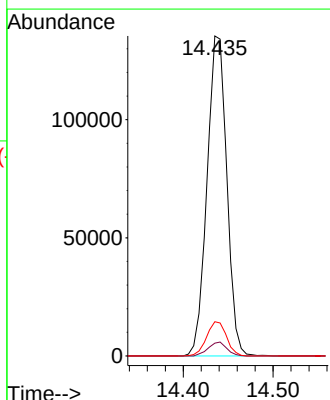
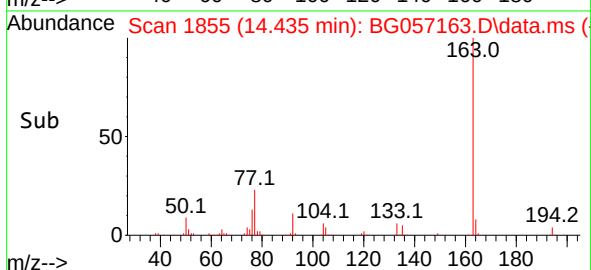
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

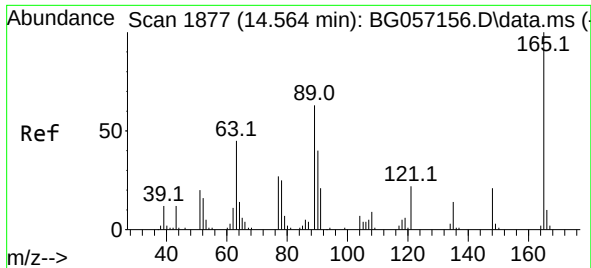


#50
Dimethylphthalate
Concen: 47.160 ng
RT: 14.435 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:163 Resp: 207060
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 49.448 ng
RT: 14.564 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

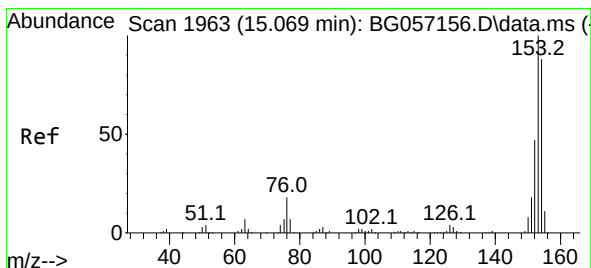
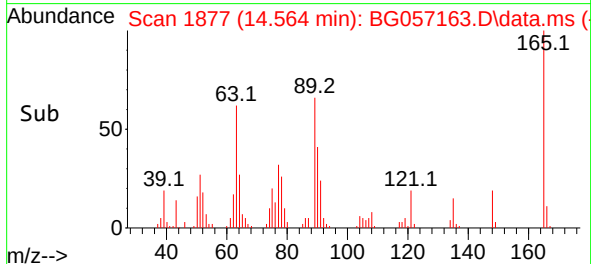
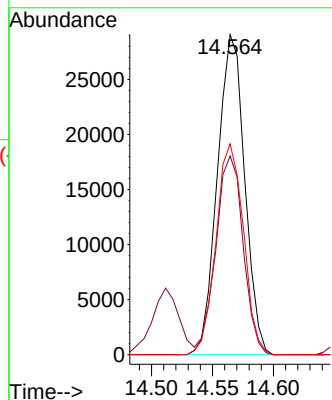
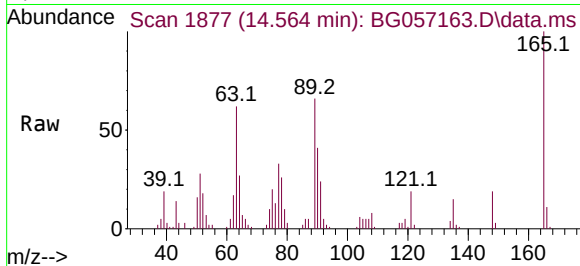
PB152347BS

Tgt Ion:165 Resp: 45318
Ion Ratio Lower Upper
165 100
63 62.1 45.5 68.3
89 65.9 50.1 75.1

Manual Integrations

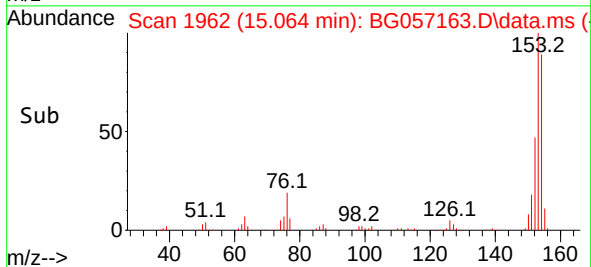
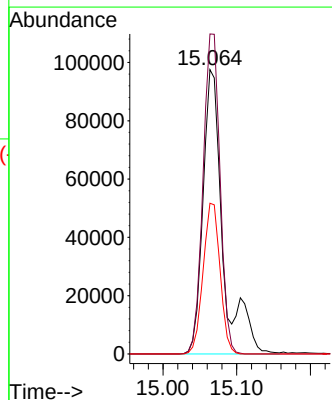
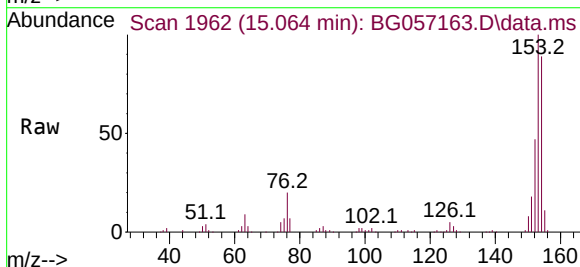
APPROVED

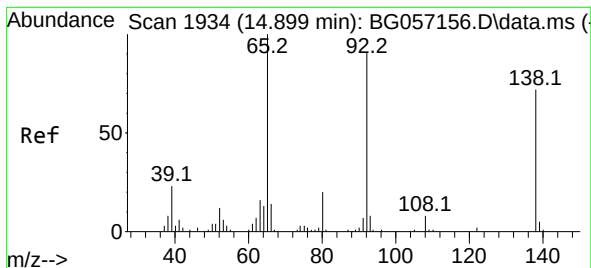
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#52
Acenaphthene
Concen: 50.378 ng m
RT: 15.064 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:154 Resp: 183896
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.0 43.0 64.6





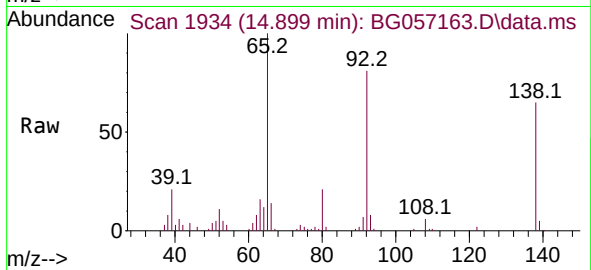
#53
3-Nitroaniline
Concen: 37.962 ng
RT: 14.899 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

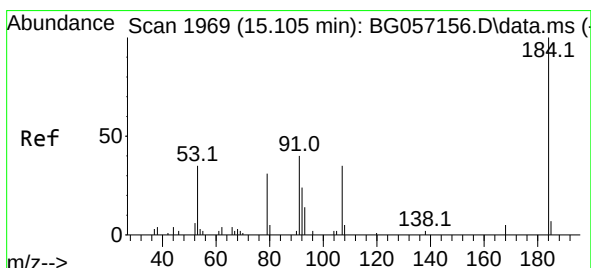
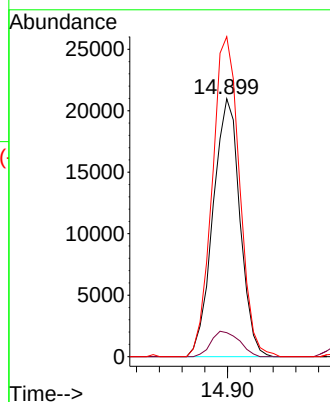
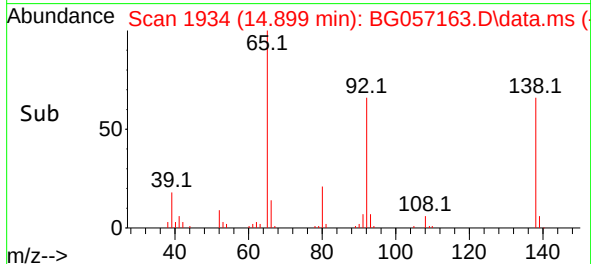


Tgt Ion:138 Resp: 3454
Ion Ratio Lower Upper
138 100
108 9.3 8.8 13.2
92 124.1 101.4 152.2

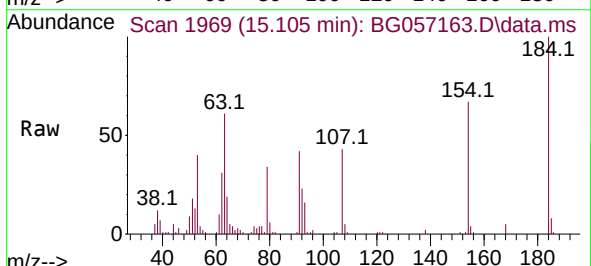
Manual Integrations

APPROVED

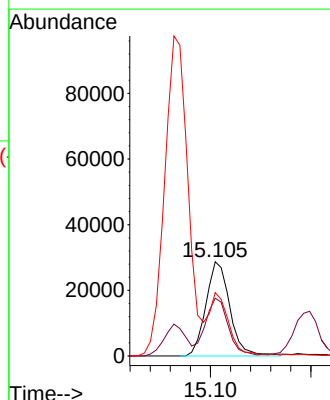
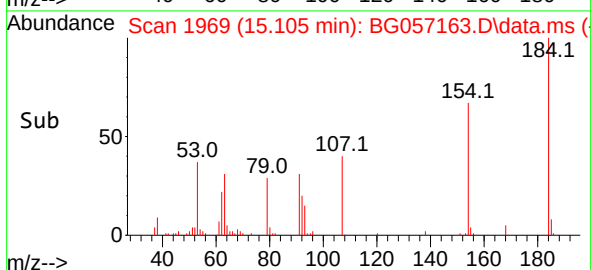
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

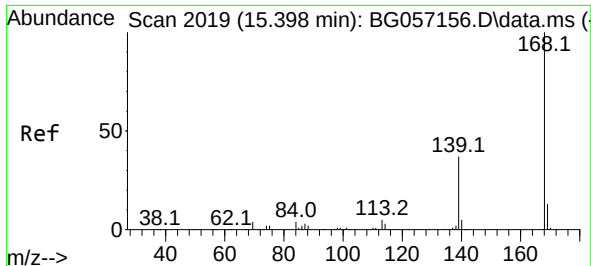


#54
2,4-Dinitrophenol
Concen: 90.789 ng
RT: 15.105 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



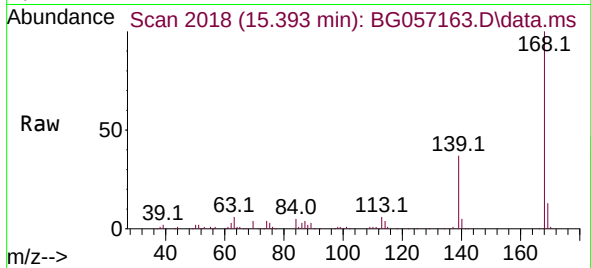
Tgt Ion:184 Resp: 47655
Ion Ratio Lower Upper
184 100
63 61.4 43.4 65.0
154 67.2 45.2 67.8





#55
Dibenzofuran
Concen: 43.464 ng
RT: 15.393 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

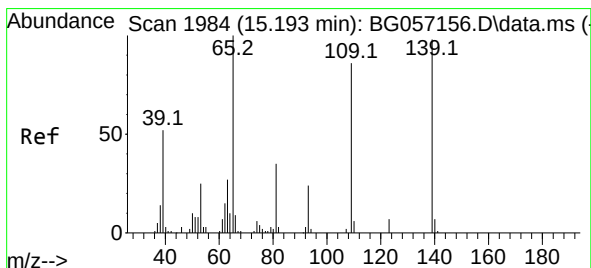
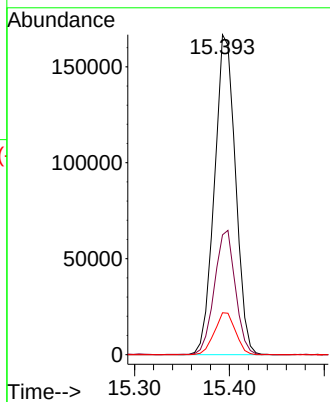
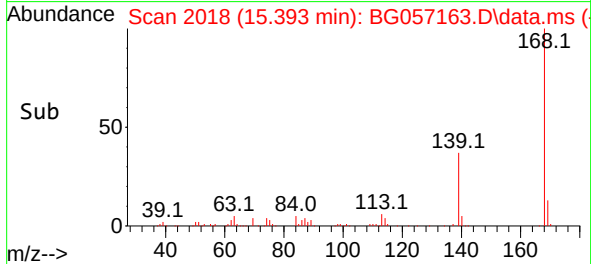
Instrument :
BNA_G
ClientSampleId :
PB152347BS



Tgt Ion:168 Resp: 257069
Ion Ratio Lower Upper
168 100
139 37.4 29.2 43.8
169 13.1 10.6 15.8

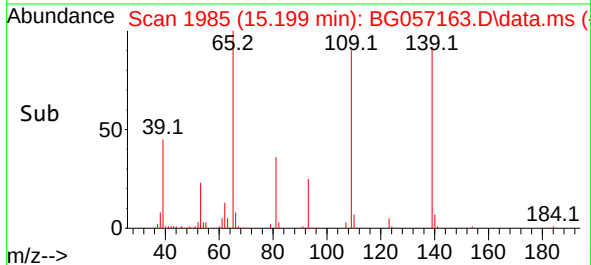
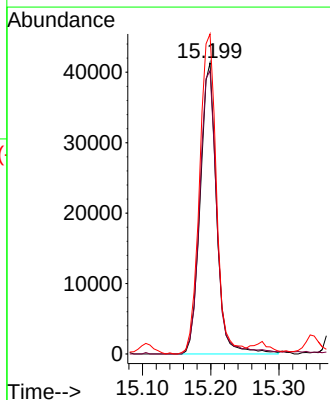
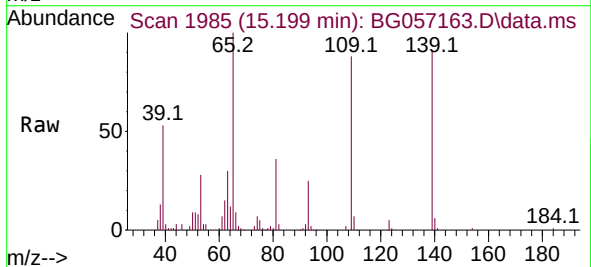
Manual Integrations
APPROVED

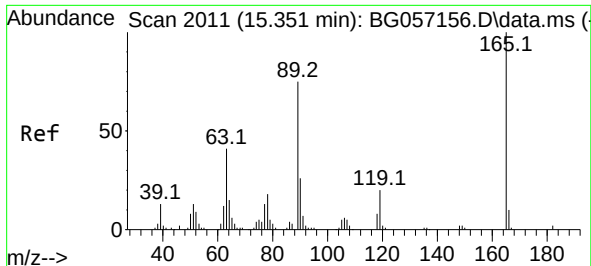
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#56
4-Nitrophenol
Concen: 107.634 ng
RT: 15.199 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:139 Resp: 68947
Ion Ratio Lower Upper
139 100
109 97.3 67.3 107.3
65 109.9 82.0 122.0





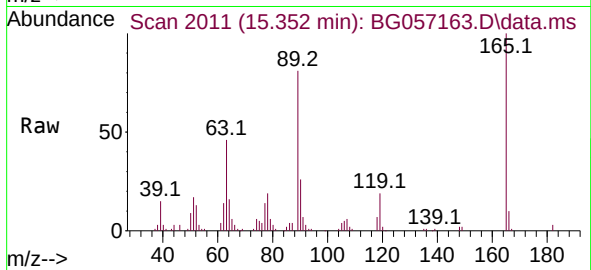
#57
2,4-Dinitrotoluene
Concen: 50.680 ng
RT: 15.352 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

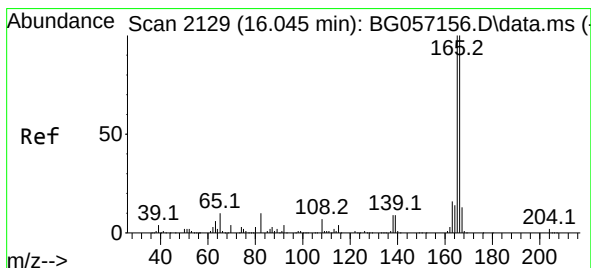
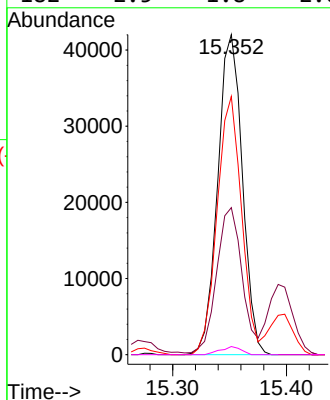
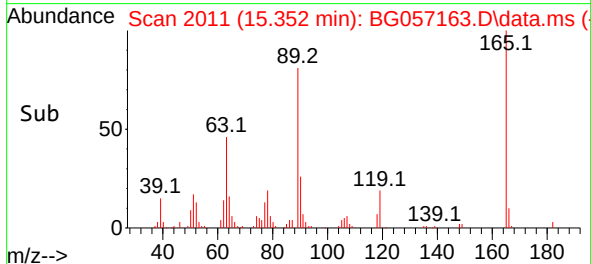


Tgt Ion:165 Resp: 6325
Ion Ratio Lower Upper
165 100
63 46.0 33.0 49.4
89 80.7 60.0 90.0
182 2.5 1.8 2.6

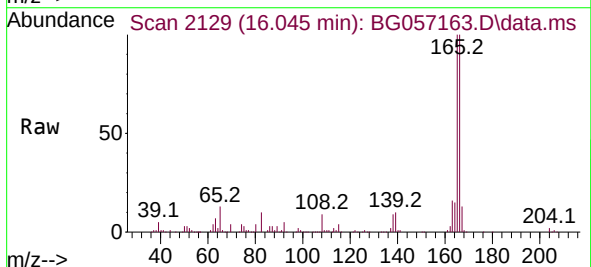
Manual Integrations

APPROVED

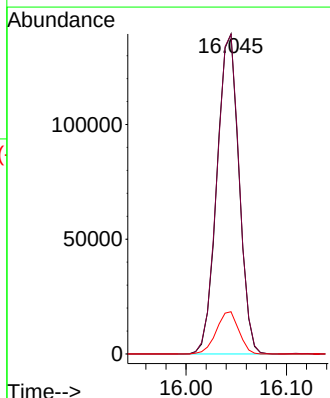
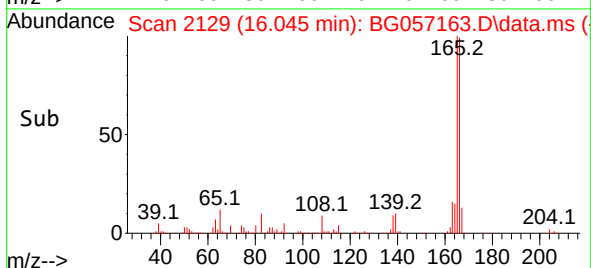
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

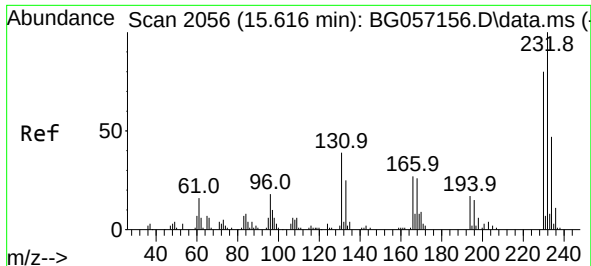


#58
Fluorene
Concen: 44.640 ng
RT: 16.045 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



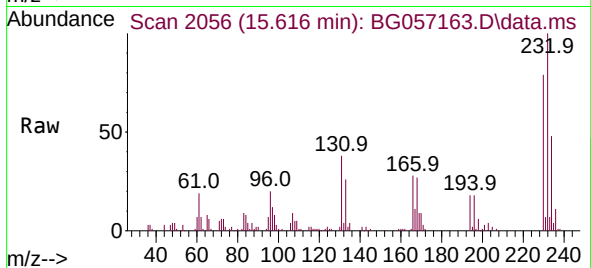
Tgt Ion:166 Resp: 212568
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.6
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.628 ng m
RT: 15.616 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

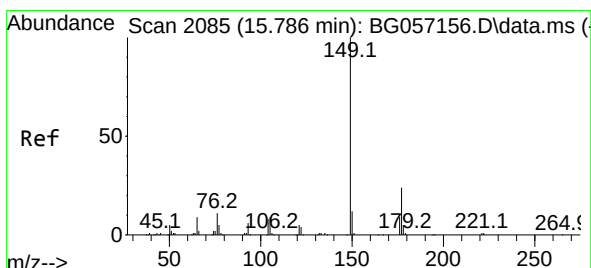
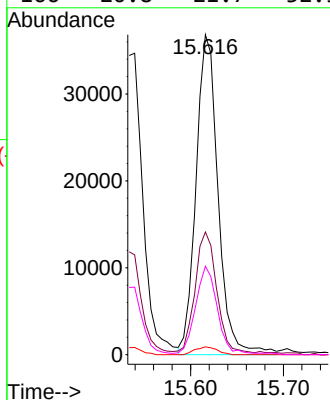
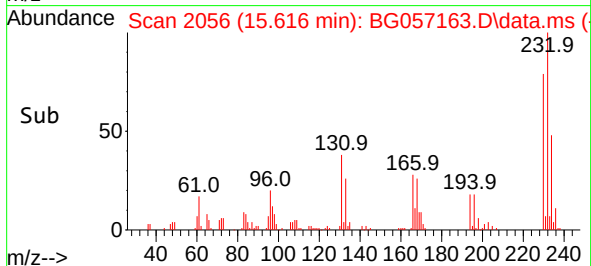
Instrument :
BNA_G
ClientSampleId :
PB152347BS



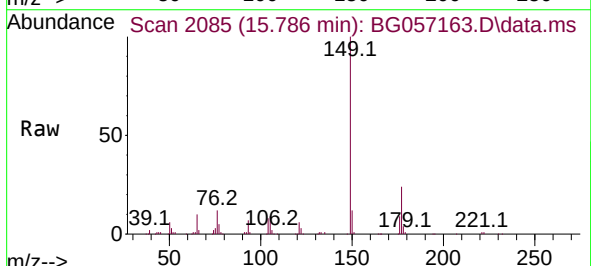
Tgt Ion:232 Resp: 61039
Ion Ratio Lower Upper
232 100
131 32.0 30.8 46.2
130 2.1 1.6 2.4
166 20.8 21.7 32.5#

Manual Integrations
APPROVED

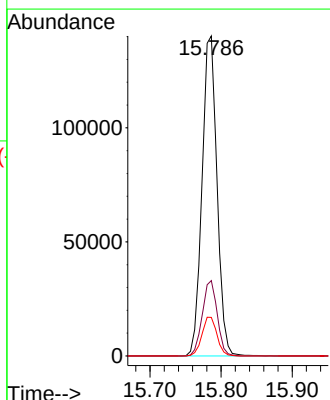
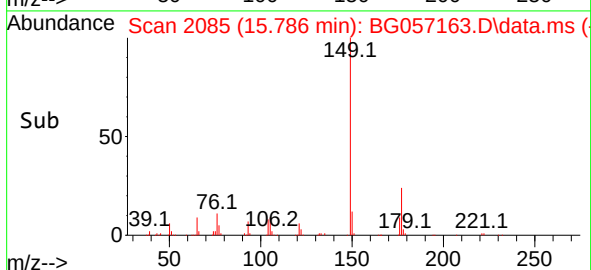
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

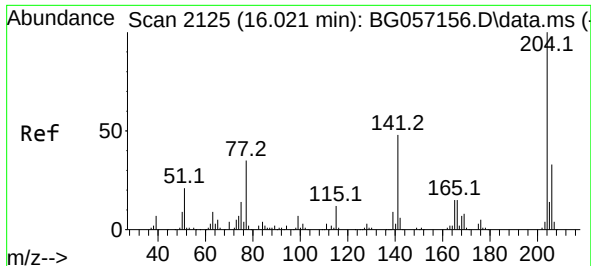


#60
Diethylphthalate
Concen: 48.618 ng
RT: 15.786 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:149 Resp: 205765
Ion Ratio Lower Upper
149 100
177 23.6 19.0 28.4
150 12.1 9.8 14.8





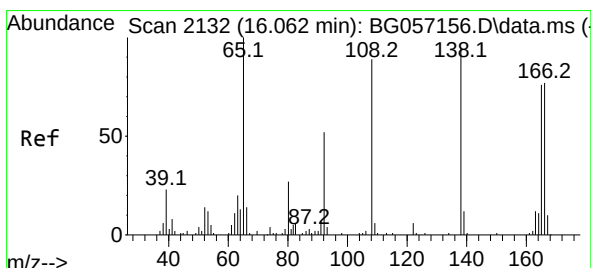
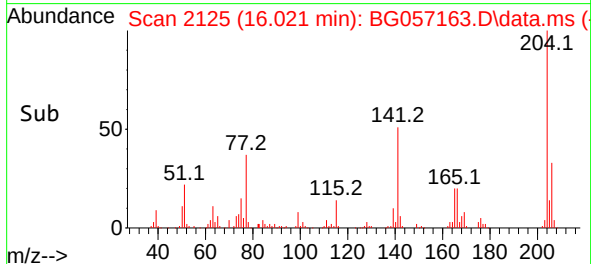
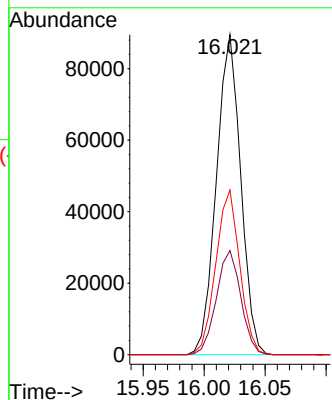
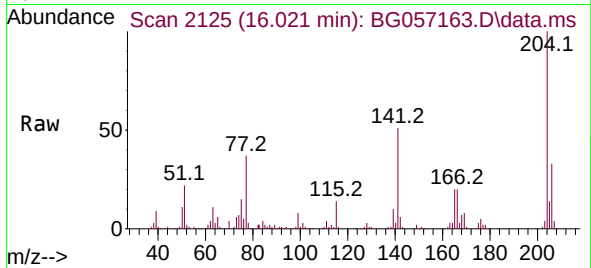
#61
4-Chlorophenyl-phenylether
Concen: 43.517 ng
RT: 16.021 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :
BNA_G
ClientSampleId :
PB152347BS

Tgt Ion:204 Resp: 12437
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 51.5 38.6 57.8

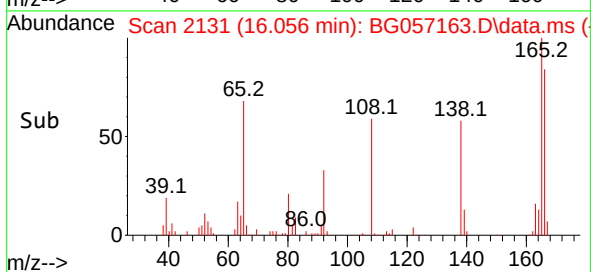
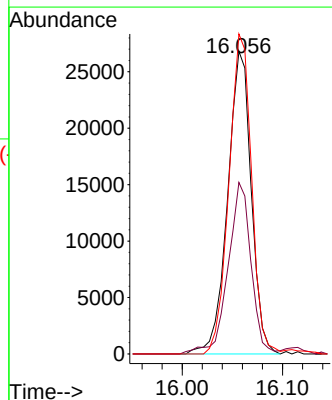
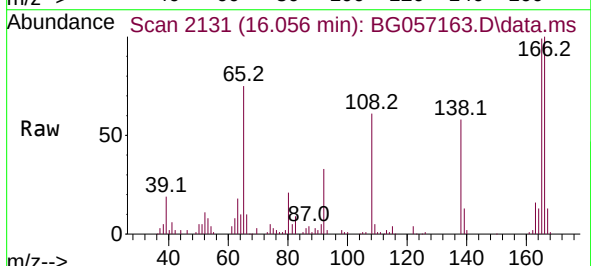
Manual Integrations
APPROVED

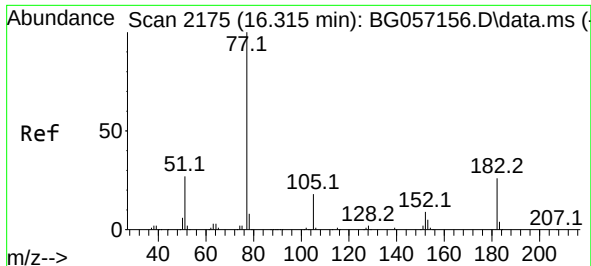
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#62
4-Nitroaniline
Concen: 47.868 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:138 Resp: 43865
Ion Ratio Lower Upper
138 100
92 56.6 34.9 74.9
108 105.7 73.0 113.0





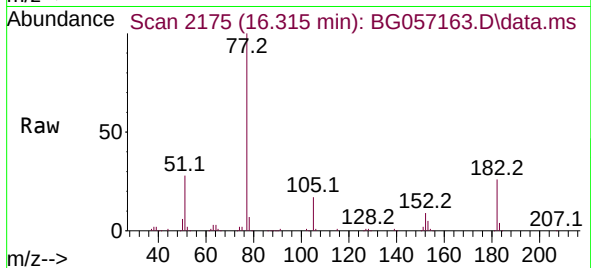
#63
Azobenzene
Concen: 50.537 ng
RT: 16.315 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

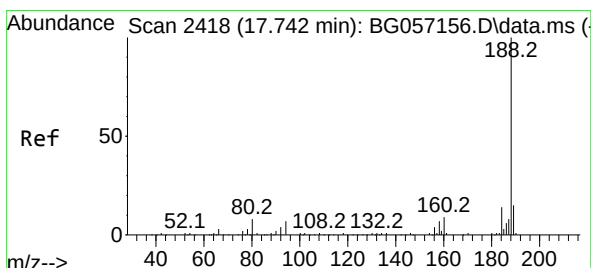
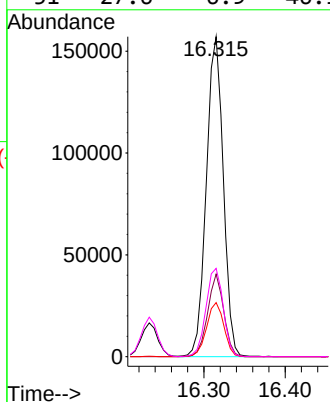
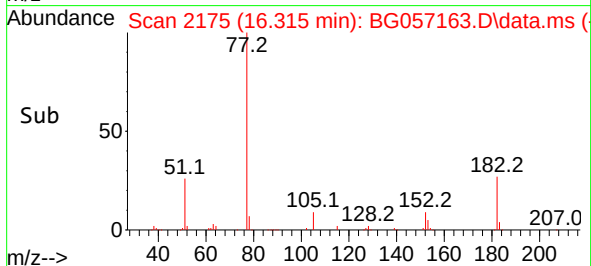


Tgt Ion: 77 Resp: 22752
Ion Ratio Lower Upper
77 100
182 25.8 6.1 46.1
105 16.9 0.0 38.4
51 27.6 6.9 46.9

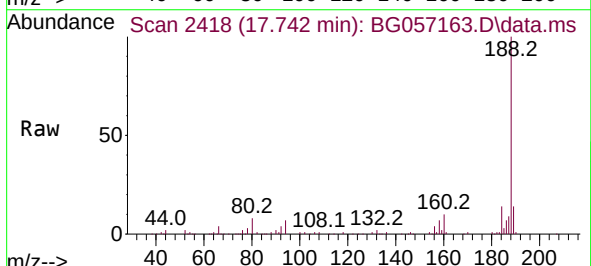
Manual Integrations

APPROVED

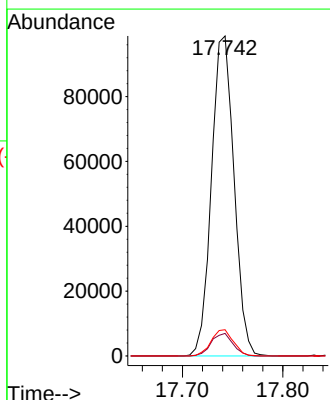
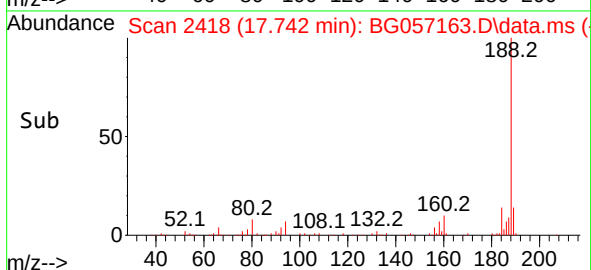
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

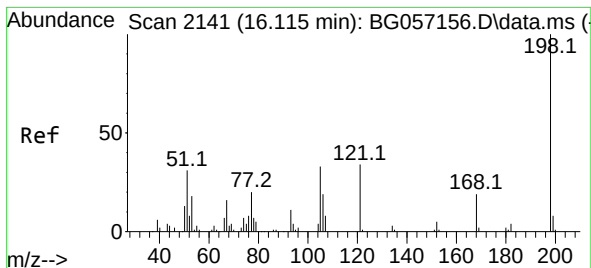


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.742 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:188 Resp: 153980
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.2 6.2 9.2





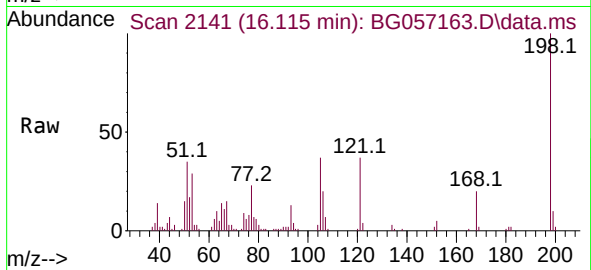
#65
4,6-Dinitro-2-methylphenol
Concen: 46.604 ng
RT: 16.115 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

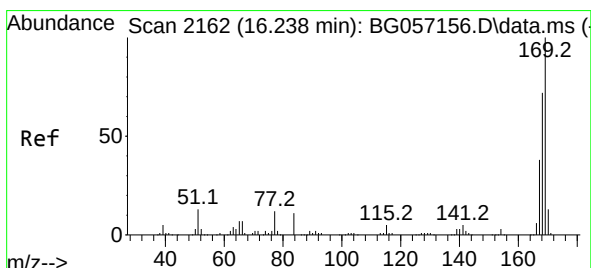
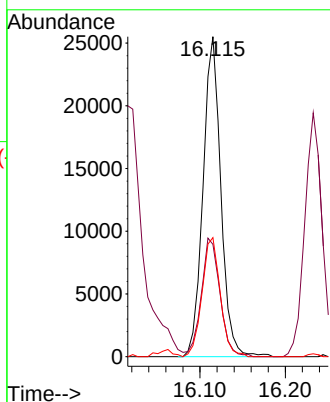
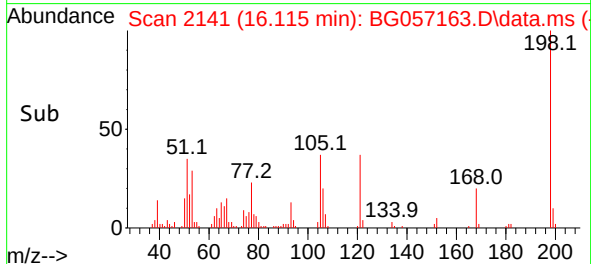


Tgt Ion:198 Resp: 37119
Ion Ratio Lower Upper
198 100
51 35.1 13.1 53.1
105 37.2 14.1 54.1

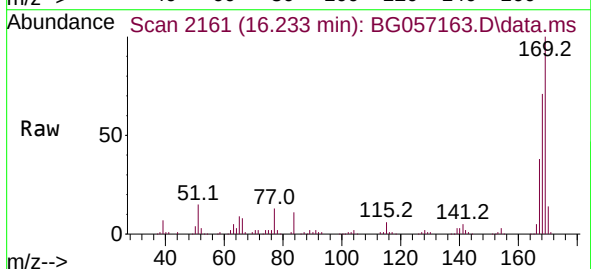
Manual Integrations

APPROVED

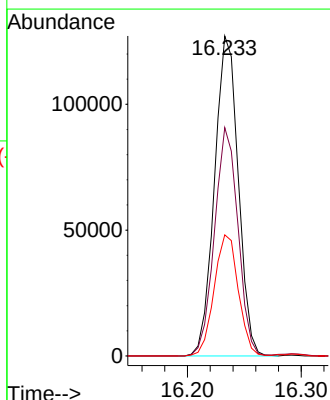
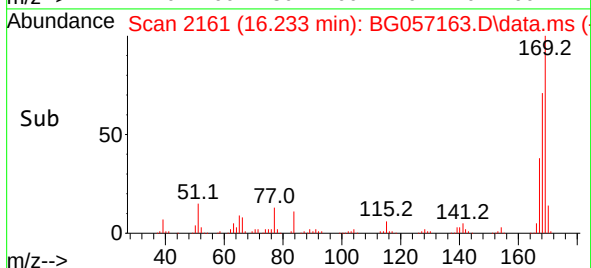
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

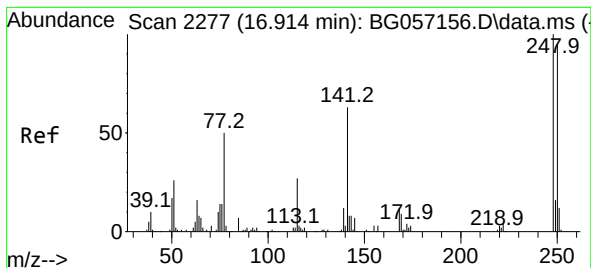


#66
n-Nitrosodiphenylamine
Concen: 45.873 ng
RT: 16.233 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:169 Resp: 184307
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 37.8 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 43.027 ng
RT: 16.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

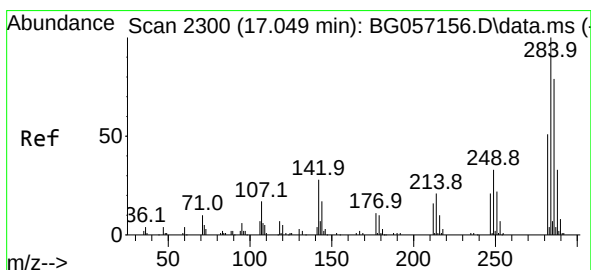
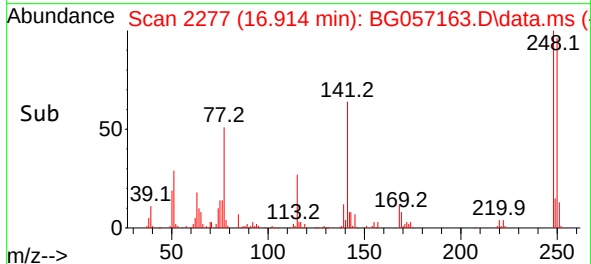
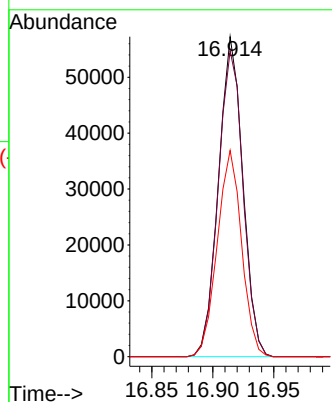
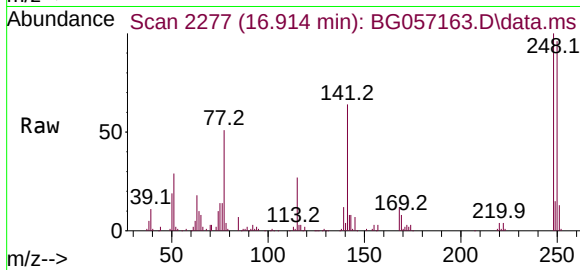
PB152347BS

Tgt Ion:248 Resp: 7967
Ion Ratio Lower Upper
248 100
250 95.6 75.8 113.8
141 64.4 50.1 75.1

Manual Integrations

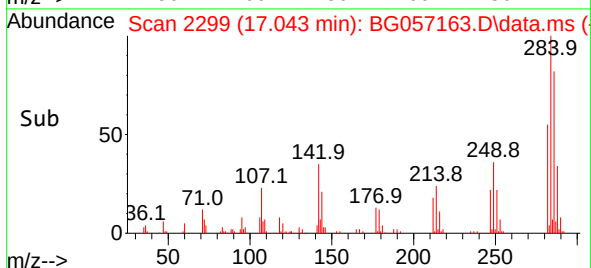
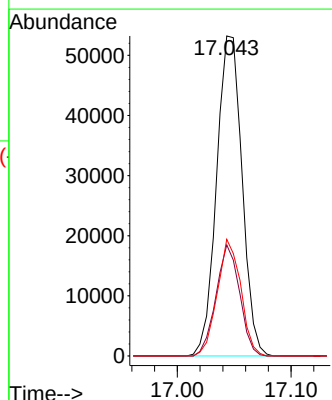
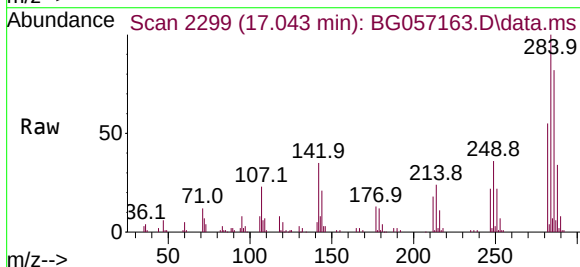
APPROVED

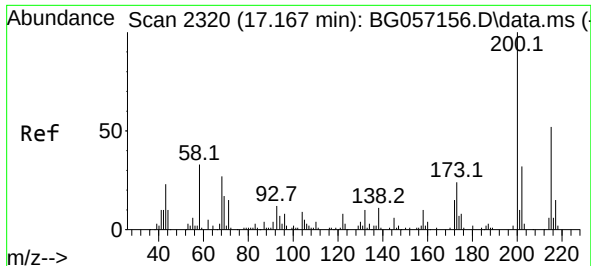
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#68
Hexachlorobenzene
Concen: 43.622 ng
RT: 17.043 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

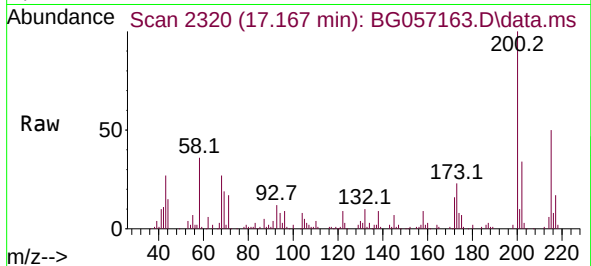
Tgt Ion:284 Resp: 82852
Ion Ratio Lower Upper
284 100
142 34.7 22.6 33.8#
249 36.5 26.6 40.0





#69
 Atrazine
 Concen: 57.814 ng
 RT: 17.167 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52

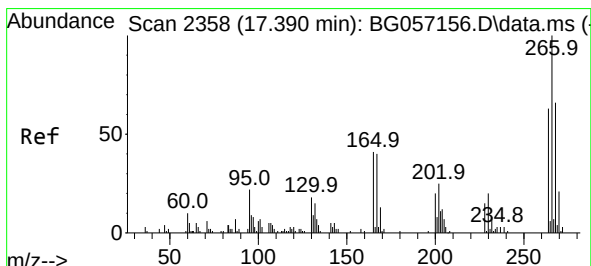
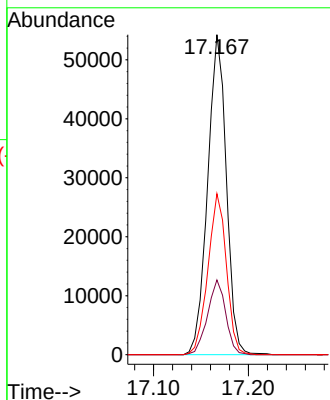
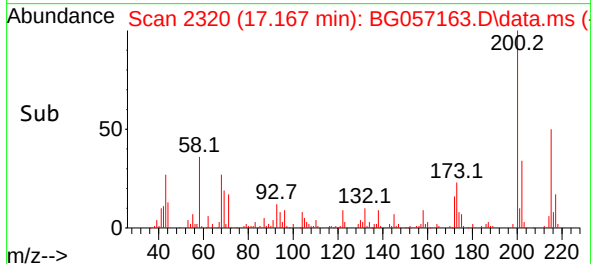
Instrument :
 BNA_G
 ClientSampleId :
 PB152347BS



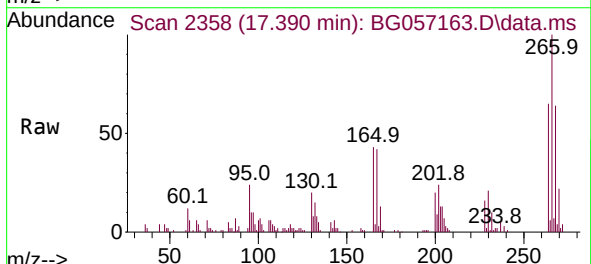
Tgt Ion:200 Resp: 7419
 Ion Ratio Lower Upper
 200 100
 173 23.3 4.2 44.2
 215 50.3 31.8 71.8

Manual Integrations
 APPROVED

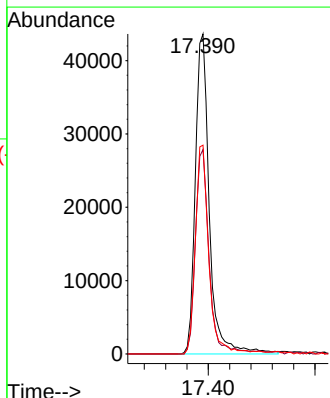
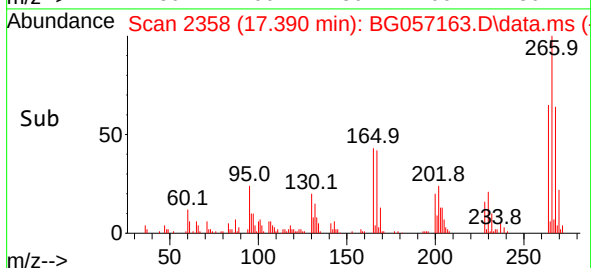
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

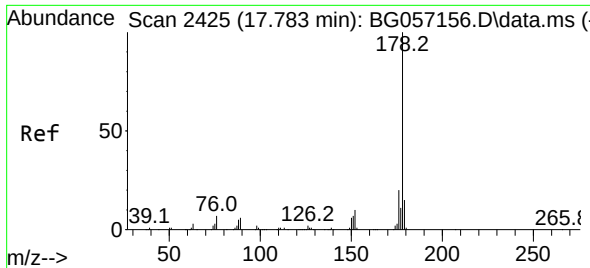


#70
 Pentachlorophenol
 Concen: 89.149 ng
 RT: 17.390 min Scan# 2358
 Delta R.T. -0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52



Tgt Ion:266 Resp: 79573
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.5 78.7
 264 65.3 50.7 76.1





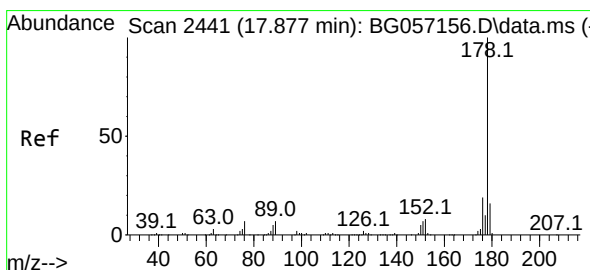
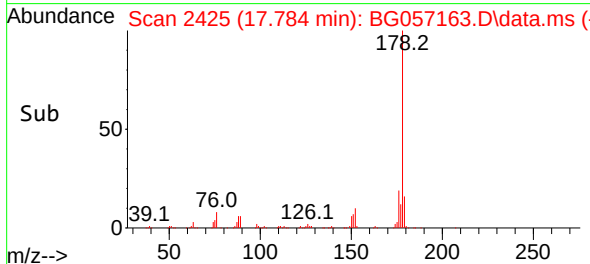
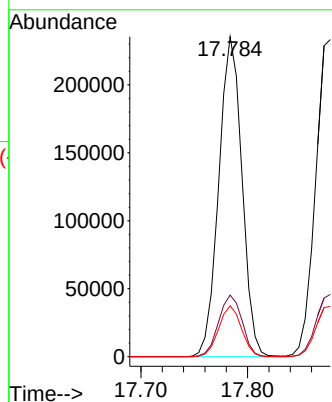
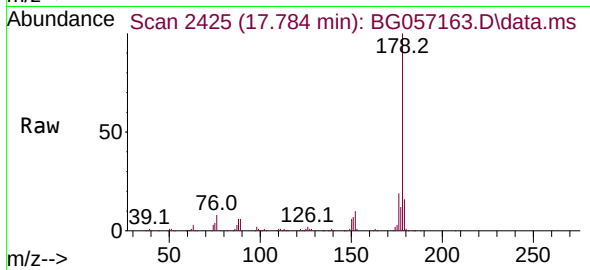
#71
Phenanthrene
Concen: 45.173 ng
RT: 17.784 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :
BNA_G
ClientSampleId :
PB152347BS

Tgt Ion:178 Resp: 355091
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 12.4 18.6

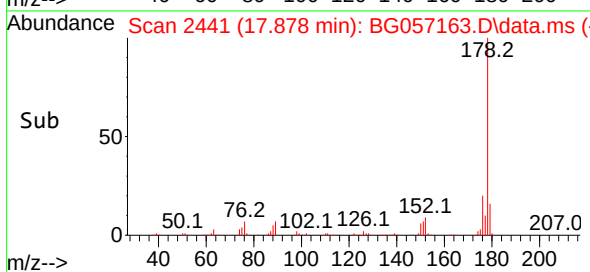
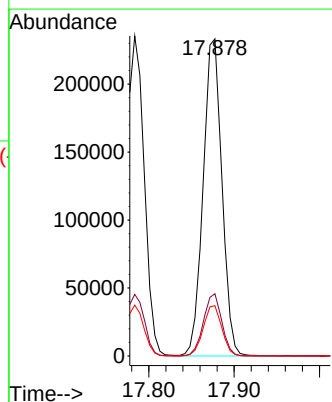
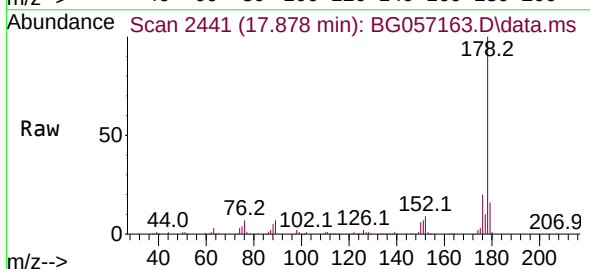
Manual Integrations
APPROVED

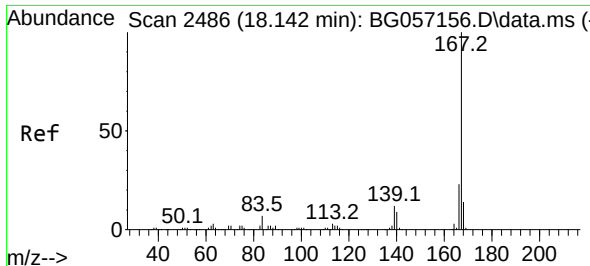
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#72
Anthracene
Concen: 45.049 ng
RT: 17.878 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:178 Resp: 358065
Ion Ratio Lower Upper
178 100
176 19.6 14.9 22.3
179 15.8 12.5 18.7





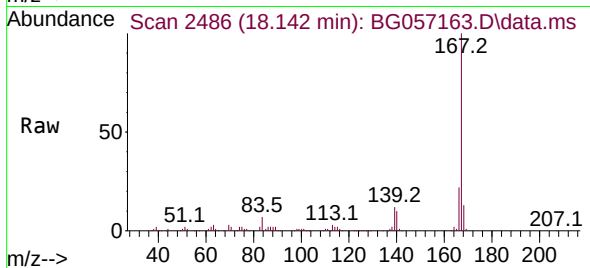
#73
 Carbazole
 Concen: 46.900 ng
 RT: 18.142 min Scan# 2486
 Delta R.T. -0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

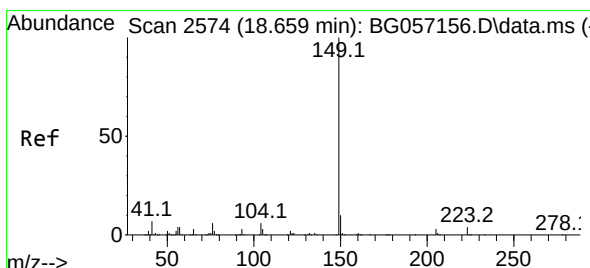
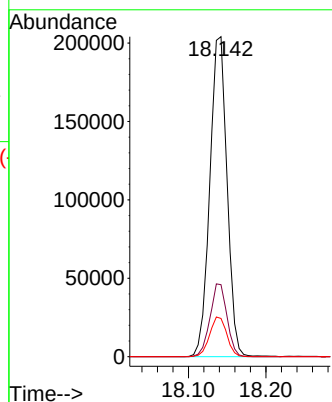
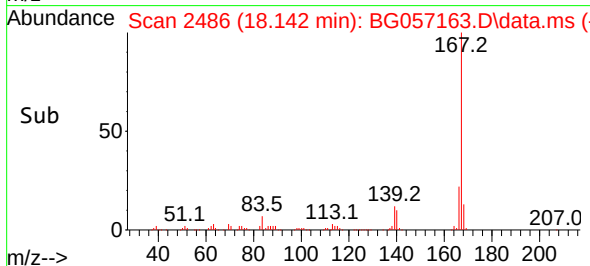


Tgt Ion:167 Resp: 314660
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.3 27.5
 139 11.9 9.6 14.4

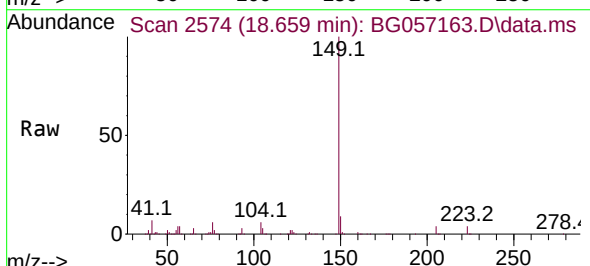
Manual Integrations

APPROVED

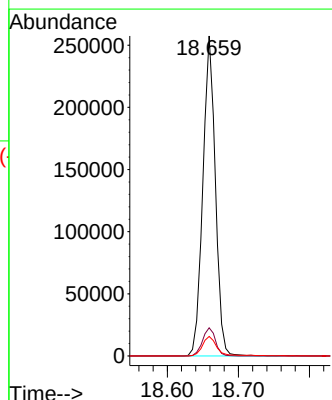
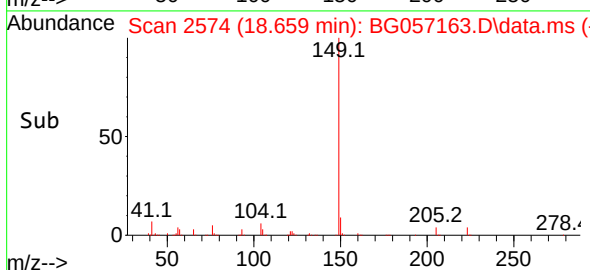
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

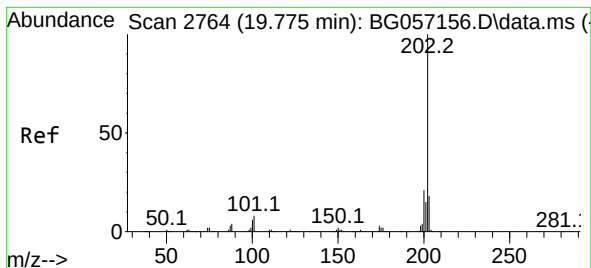


#74
 Di-n-butylphthalate
 Concen: 50.581 ng
 RT: 18.659 min Scan# 2574
 Delta R.T. 0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52



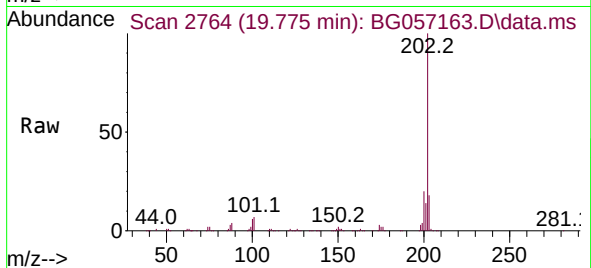
Tgt Ion:149 Resp: 315670
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.6 11.4
 104 6.1 4.7 7.1





#75
Fluoranthene
Concen: 44.545 ng
RT: 19.775 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

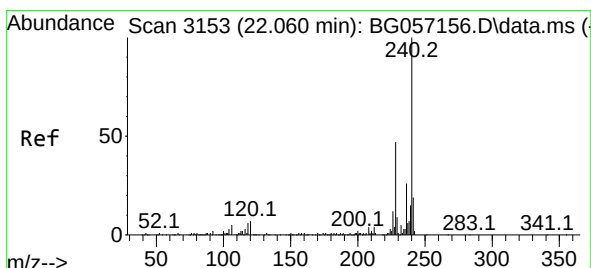
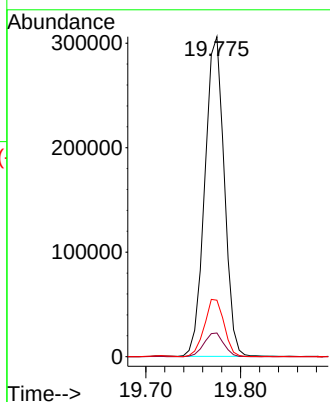
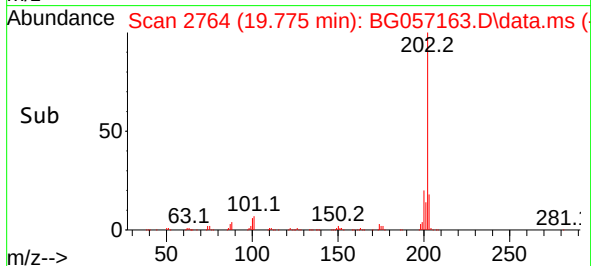
Instrument :
BNA_G
ClientSampleId :
PB152347BS



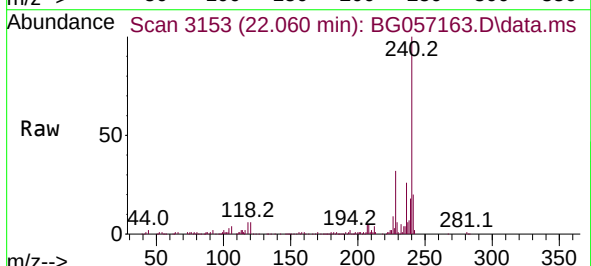
Tgt Ion:202 Resp: 43503
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.6
203 17.7 0.0 38.3

Manual Integrations
APPROVED

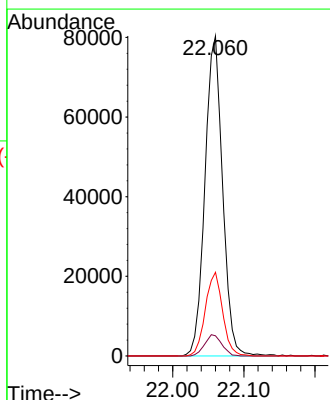
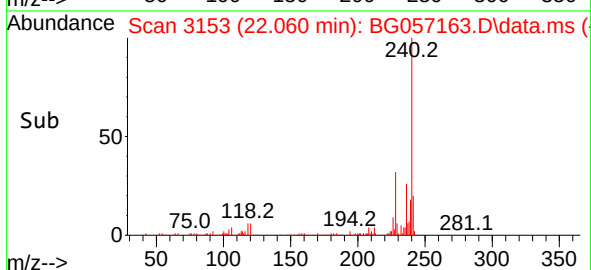
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

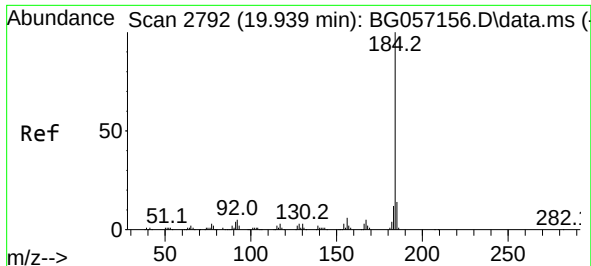


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



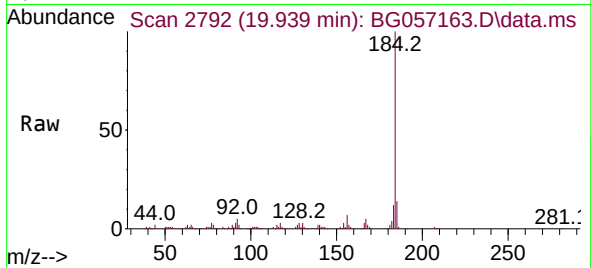
Tgt Ion:240 Resp: 138436
Ion Ratio Lower Upper
240 100
120 6.3 5.5 8.3
236 26.2 20.8 31.2





#77
Benzidine
Concen: 86.159 ng
RT: 19.939 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

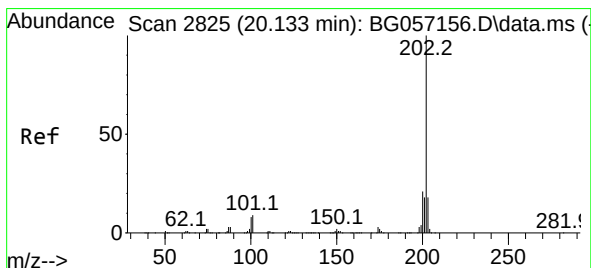
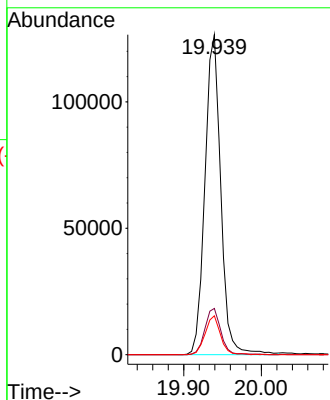
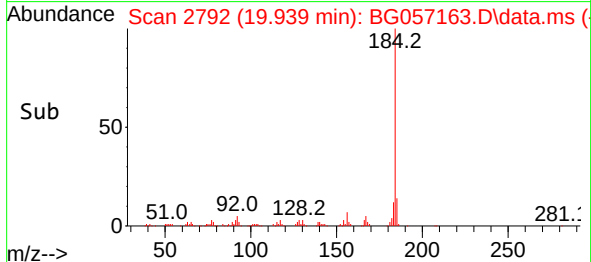
Instrument :
BNA_G
ClientSampleId :
PB152347BS



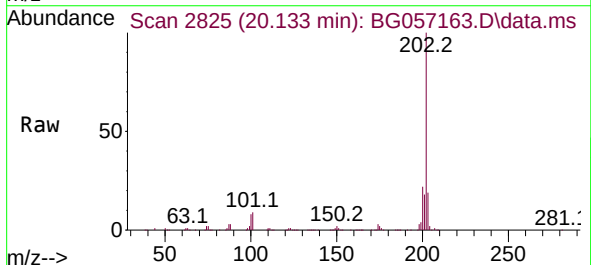
Tgt Ion:184 Resp: 17973
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.2 9.4 14.0

Manual Integrations
APPROVED

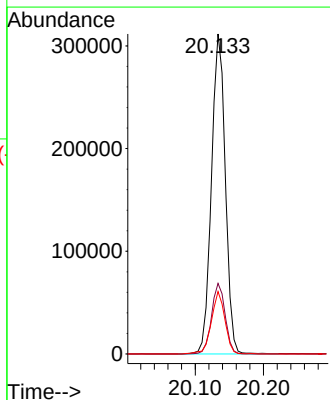
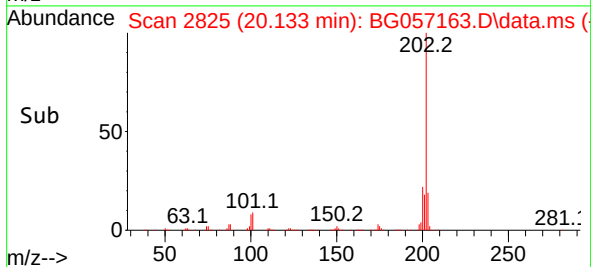
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

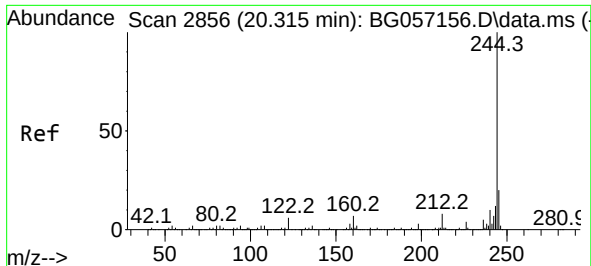


#78
Pyrene
Concen: 46.914 ng
RT: 20.133 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:202 Resp: 440949
Ion Ratio Lower Upper
202 100
200 22.1 17.0 25.4
203 19.5 14.7 22.1





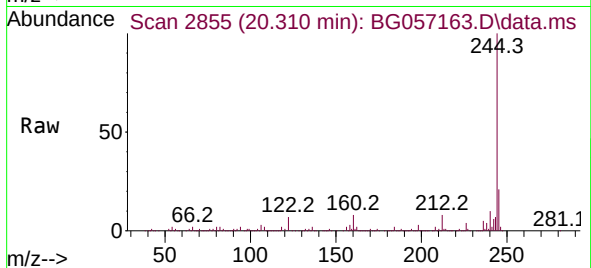
#79
Terphenyl-d14
Concen: 94.175 ng
RT: 20.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

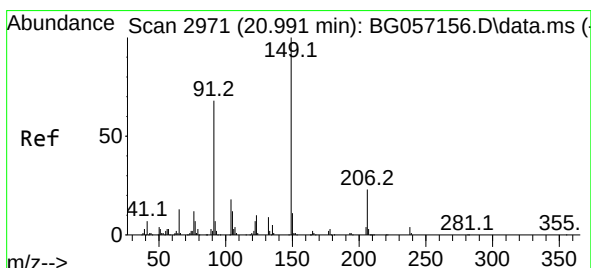
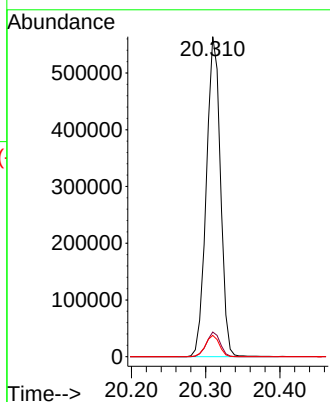
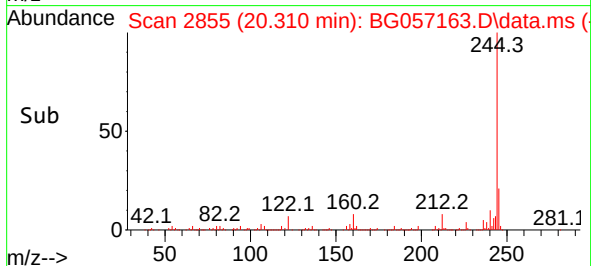


Tgt Ion:244 Resp: 74536
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 6.7 5.0 7.4

Manual Integrations

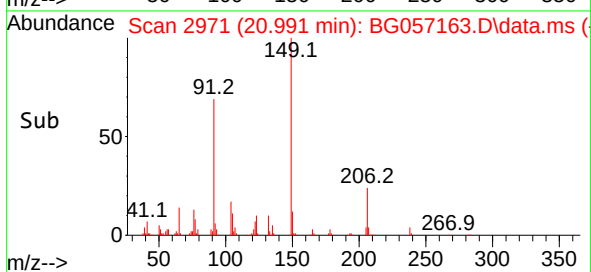
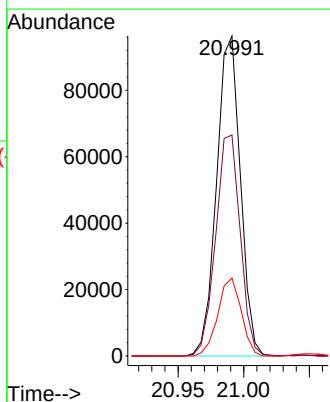
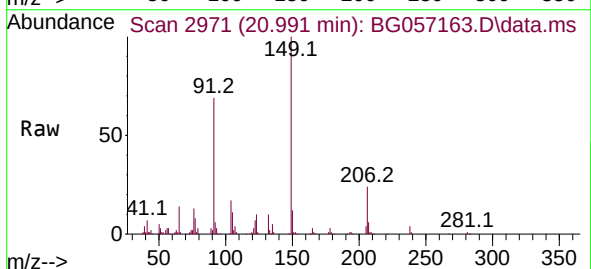
APPROVED

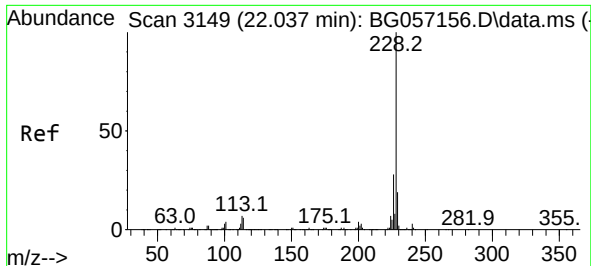
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#80
Butylbenzylphthalate
Concen: 49.466 ng
RT: 20.991 min Scan# 2971
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

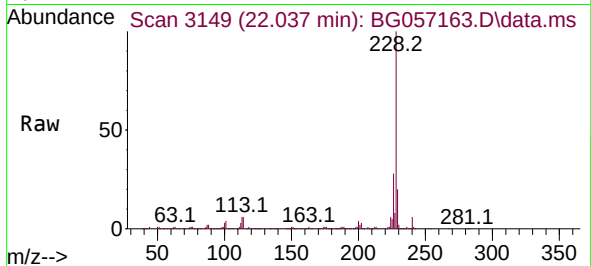
Tgt Ion:149 Resp: 121360
Ion Ratio Lower Upper
149 100
91 69.1 54.1 81.1
206 24.3 18.2 27.2





#81
Benzo(a)anthracene
Concen: 46.496 ng
RT: 22.037 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

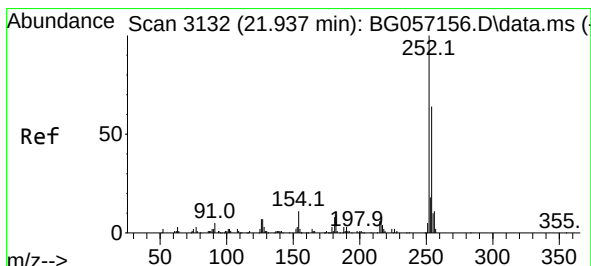
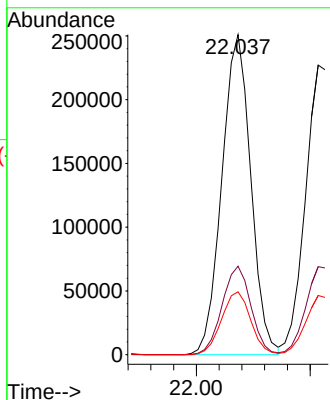
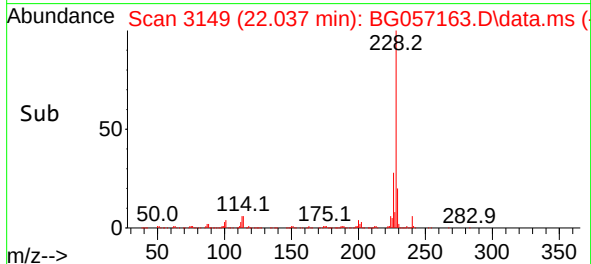
Instrument :
BNA_G
ClientSampleId :
PB152347BS



Tgt Ion:228 Resp: 442560
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.6 15.6 23.4

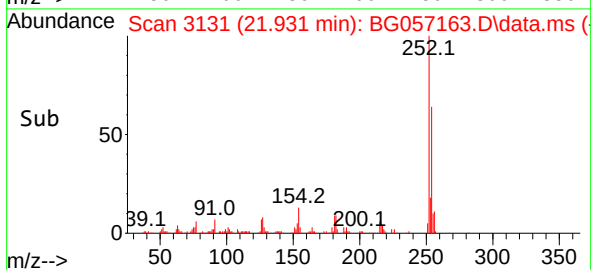
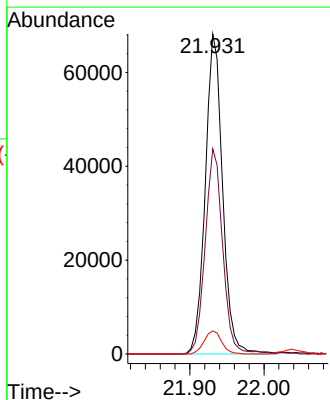
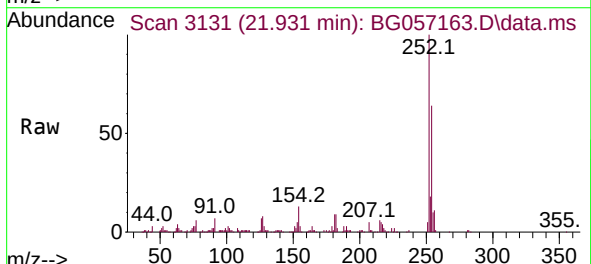
Manual Integrations
APPROVED

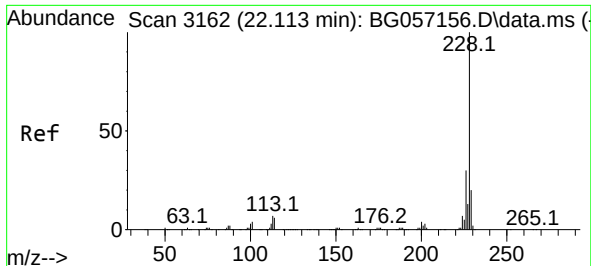
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.342 ng
RT: 21.931 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:252 Resp: 110465
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 7.2 5.9 8.9





#83

Chrysene

Concen: 44.429 ng

RT: 22.107 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG057163.D

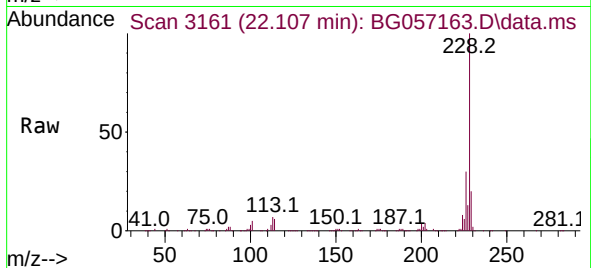
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS



Tgt Ion:228 Resp: 407820

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

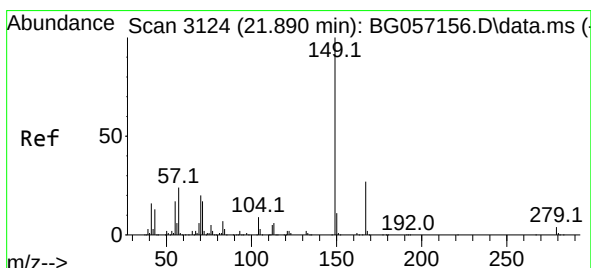
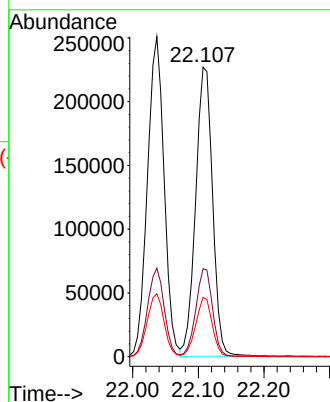
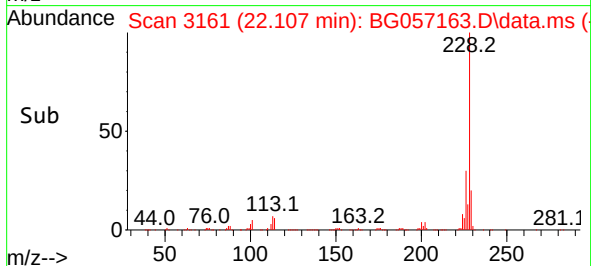
229 20.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.060 ng

RT: 21.884 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

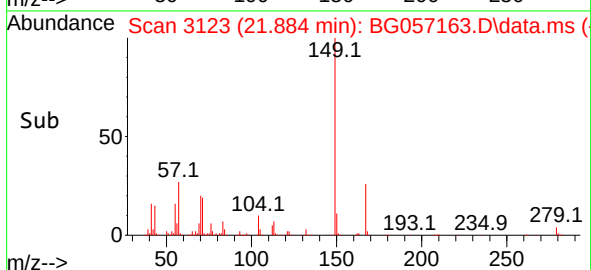
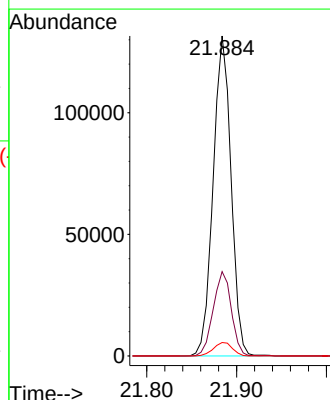
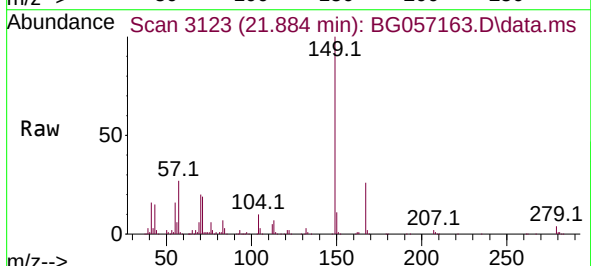
Tgt Ion:149 Resp: 182236

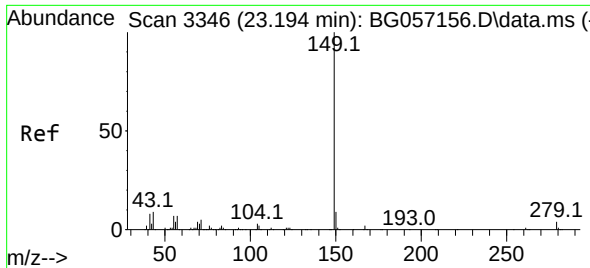
Ion Ratio Lower Upper

149 100

167 26.3 21.9 32.9

279 4.2 3.3 4.9





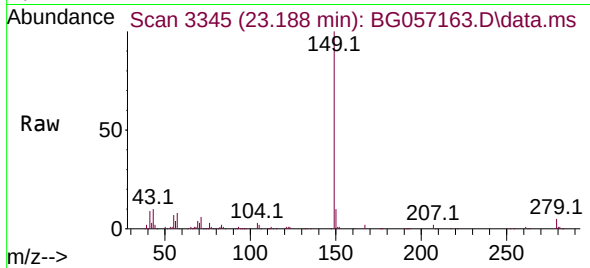
#85
Di-n-octyl phthalate
Concen: 51.246 ng
RT: 23.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

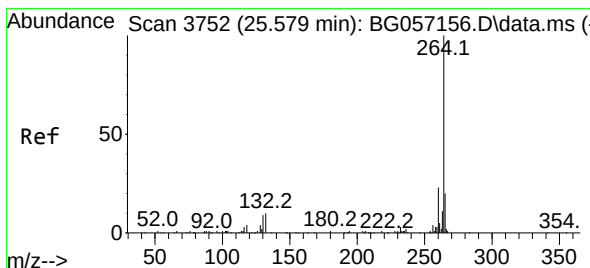
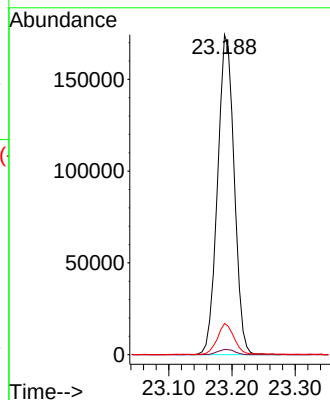
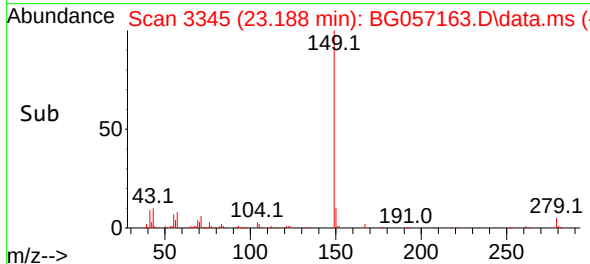


Tgt Ion:149 Resp: 318178
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.8 7.4 11.0

Manual Integrations

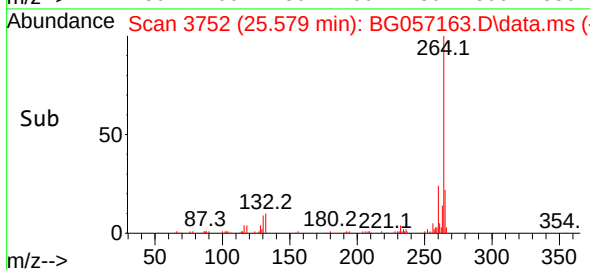
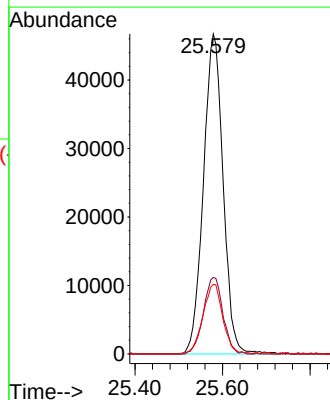
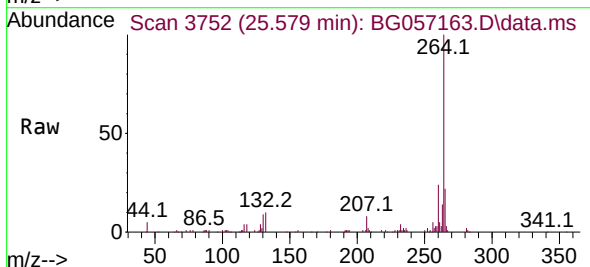
APPROVED

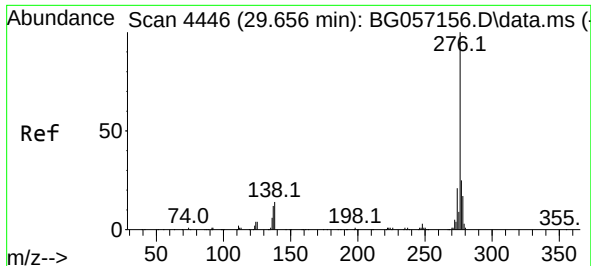
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.579 min Scan# 3752
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

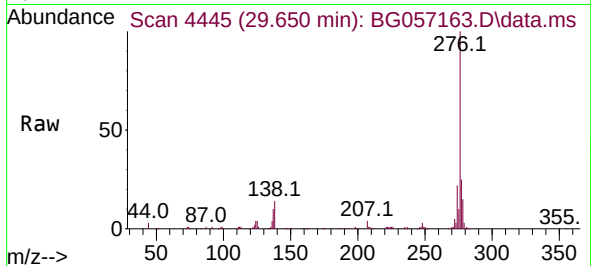
Tgt Ion:264 Resp: 146175
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.8 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.227 ng
RT: 29.650 min Scan# 4446
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

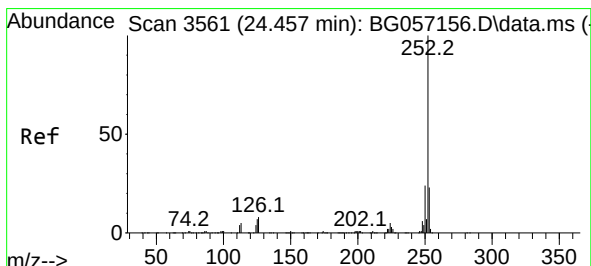
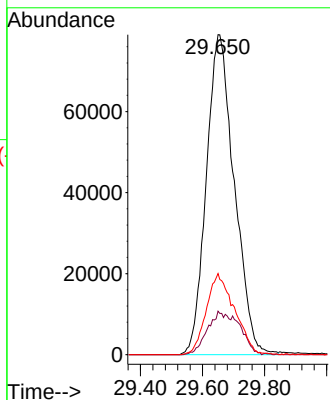
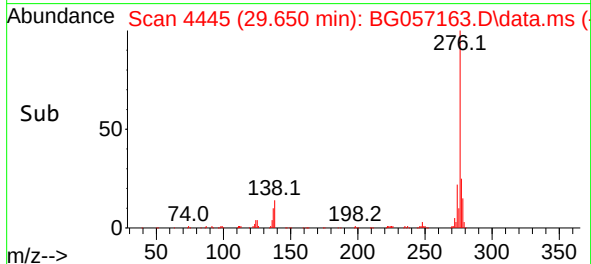
Instrument :
BNA_G
ClientSampleId :
PB152347BS



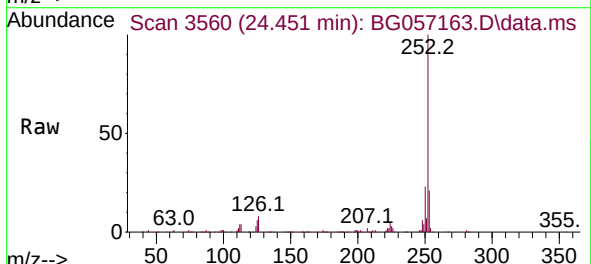
Tgt Ion:276 Resp: 494500
Ion Ratio Lower Upper
276 100
138 10.4 13.8 20.6
277 25.7 20.4 30.6

Manual Integrations
APPROVED

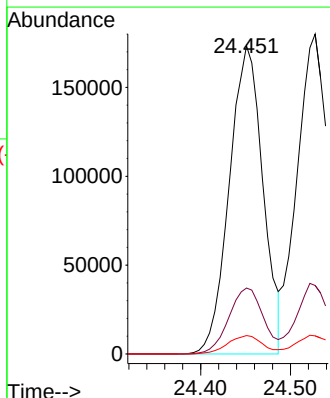
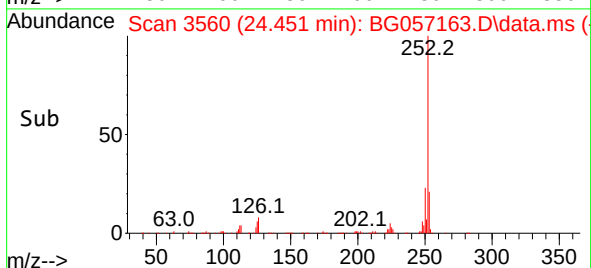
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

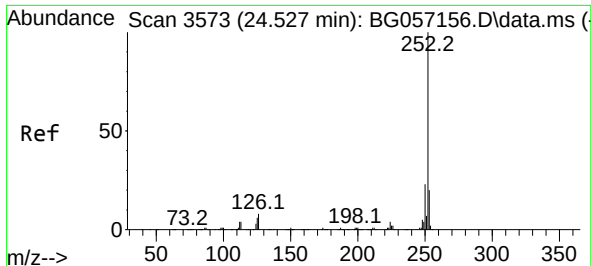


#88
Benzo(b)fluoranthene
Concen: 49.184 ng
RT: 24.451 min Scan# 3560
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



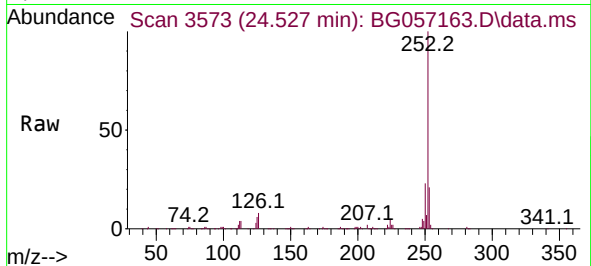
Tgt Ion:252 Resp: 450671
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 6.0 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 47.405 ng
RT: 24.527 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

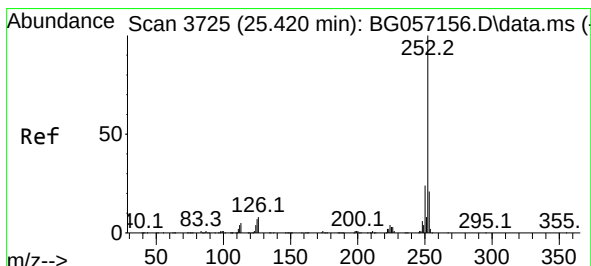
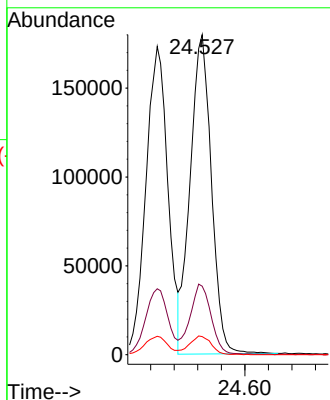
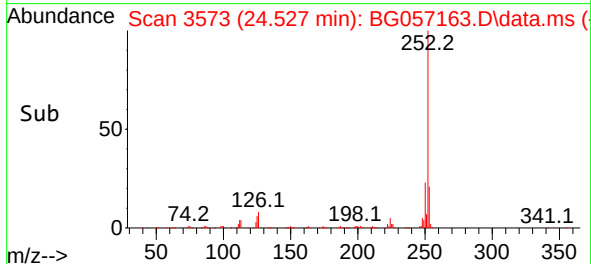
Instrument :
BNA_G
ClientSampleId :
PB152347BS



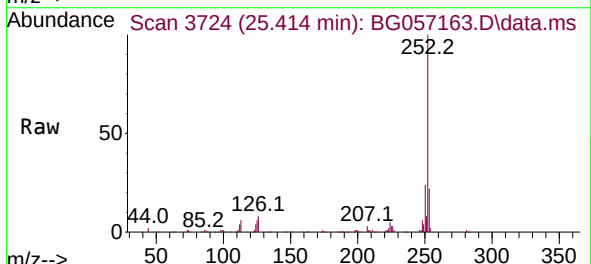
Tgt Ion:252 Resp: 449310
Ion Ratio Lower Upper
252 100
253 21.4 16.7 25.1
125 5.7 5.0 7.6

Manual Integrations
APPROVED

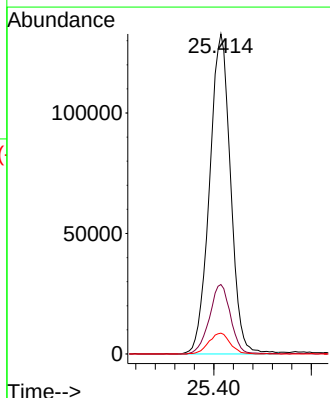
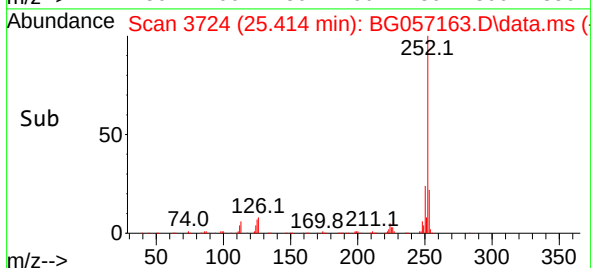
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

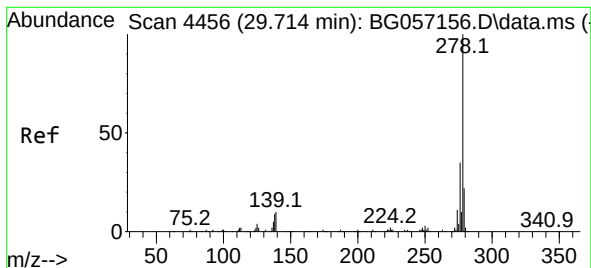


#90
Benzo(a)pyrene
Concen: 44.054 ng
RT: 25.414 min Scan# 3724
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:252 Resp: 397594
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 6.5 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 47.239 ng

RT: 29.714 min Scan# 4456

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

Tgt Ion:278 Resp: 41069

Ion Ratio Lower Upper

278 100

139 10.2 7.9 11.9

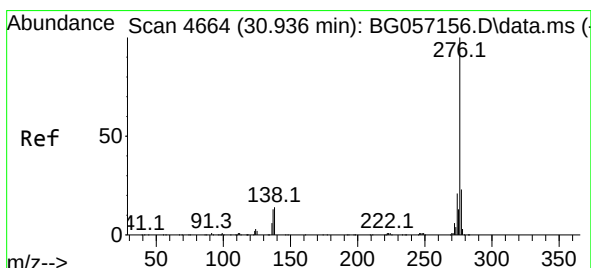
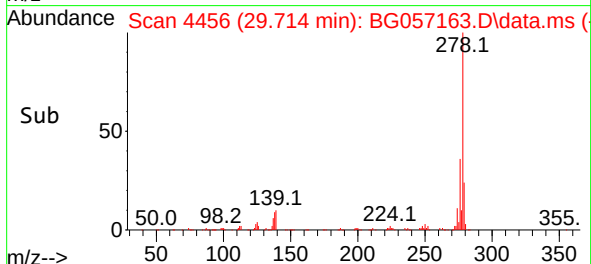
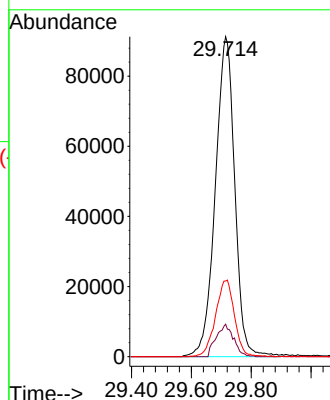
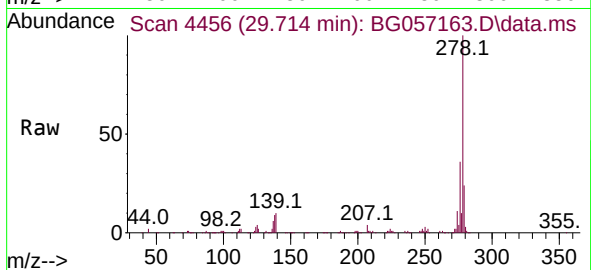
279 23.6 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#92

Benzo(g,h,i)perylene

Concen: 45.920 ng

RT: 30.930 min Scan# 4663

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion:276 Resp: 395006

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 13.1 11.5 17.3

