

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057064.D
 Acq On : 12 Apr 2023 14:54
 Operator : CG/JU
 Sample : PB152062BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB152062BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023
 Supervised By :Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 05:23:48 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 13 05:15:23 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	17564	20.000	ng	0.00
21) Naphthalene-d8	11.252	136	73143	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	54877	20.000	ng	0.00
64) Phenanthrene-d10	17.761	188	137421	20.000	ng	0.00
76) Chrysene-d12	22.079	240	125212	20.000	ng	0.00
86) Perylene-d12	25.621	264	133507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	130835	119.218	ng	0.00
7) Phenol-d6	7.545	99	186505	113.628	ng	0.00
23) Nitrobenzene-d5	9.590	82	116354	65.091	ng	0.00
42) 2,4,6-Tribromophenol	16.504	330	97241	110.920	ng	0.00
45) 2-Fluorobiphenyl	13.649	172	272977	67.453	ng	0.00
79) Terphenyl-d14	20.328	244	512404	69.248	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.715	88	16030	33.321	ng	98
3) Pyridine	4.138	79	43271	27.926	ng	95
4) n-Nitrosodimethylamine	4.044	42	26110	36.650	ng	96
6) Aniline	7.716	93	74408	35.461	ng	95
8) 2-Chlorophenol	7.968	128	52872	48.368	ng	96
9) Benzaldehyde	7.528	77	37379	36.308	ng	96
10) Phenol	7.569	94	81218	49.938	ng	98
11) bis(2-Chloroethyl)ether	7.810	93	51118	44.124	ng	96
12) 1,3-Dichlorobenzene	8.297	146	53499	44.293	ng	98
13) 1,4-Dichlorobenzene	8.444	146	55048	45.157	ng	98
14) 1,2-Dichlorobenzene	8.773	146	53093	45.080	ng	93
15) Benzyl Alcohol	8.638	79	59182	43.394	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.932	45	62624m	44.853	ng	
17) 2-Methylphenol	8.844	107	53159	45.814	ng	94
18) Hexachloroethane	9.513	117	19397	43.534	ng	# 86
19) n-Nitroso-di-n-propyla...	9.208	70	48516	41.325	ng	99
20) 3+4-Methylphenols	9.173	107	71691	44.185	ng	96
22) Acetophenone	9.237	105	88502	40.663	ng	# 92
24) Nitrobenzene	9.631	77	72852	39.862	ng	94
25) Isophorone	10.154	82	129415	38.019	ng	98
26) 2-Nitrophenol	10.347	139	30163	42.759	ng	94
27) 2,4-Dimethylphenol	10.389	122	54600	43.838	ng	99
28) bis(2-Chloroethoxy)met...	10.624	93	69274	40.650	ng	94
29) 2,4-Dichlorophenol	10.882	162	58929	43.994	ng	97
30) 1,2,4-Trichlorobenzene	11.105	180	61174	42.982	ng	96
31) Naphthalene	11.299	128	163953	41.124	ng	97
32) Benzoic acid	10.535	122	35080	41.003	ng	96
33) 4-Chloroaniline	11.399	127	48054	26.688	ng	95
34) Hexachlorobutadiene	11.575	225	43220	40.426	ng	93
35) Caprolactam	12.168	113	18447m	39.934	ng	
36) 4-Chloro-3-methylphenol	12.492	107	61735	41.213	ng	88
37) 2-Methylnaphthalene	12.873	142	123053	38.889	ng	97
38) 1-Methylnaphthalene	13.091	142	112495	37.862	ng	97
40) 1,2,4,5-Tetrachloroben...	13.238	216	80945	42.536	ng	98
41) Hexachlorocyclopentadiene	13.208	237	116546	111.156	ng	99
43) 2,4,6-Trichlorophenol	13.467	196	54632m	44.988	ng	

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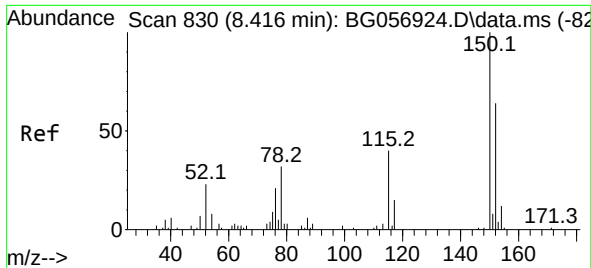
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/13/2023
 Supervised By : Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 05:23:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

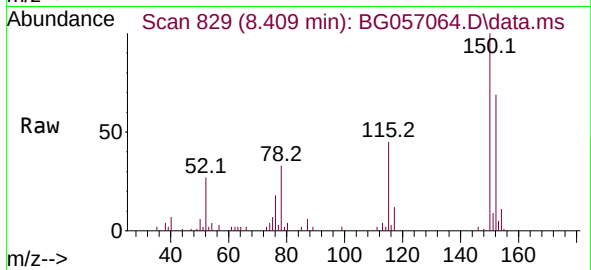
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	57602	40.040	ng	97
46) 1,1'-Biphenyl	13.860	154	175099	43.588	ng	97
47) 2-Chloronaphthalene	13.913	162	131602	44.294	ng	97
48) 2-Nitroaniline	14.107	65	44751	42.124	ng	92
49) Acenaphthylene	14.747	152	208890	42.792	ng	99
50) Dimethylphthalate	14.459	163	178446	41.269	ng	# 98
51) 2,6-Dinitrotoluene	14.583	165	40441	43.288	ng	93
52) Acenaphthene	15.088	154	162293m	48.206	ng	
53) 3-Nitroaniline	14.918	138	27730	29.988	ng	99
54) 2,4-Dinitrophenol	15.123	184	51889	98.678	ng	94
55) Dibenzofuran	15.417	168	211637	41.883	ng	95
56) 4-Nitrophenol	15.211	139	62944	92.051	ng	# 88
57) 2,4-Dinitrotoluene	15.370	165	56511	42.889	ng	99
58) Fluorene	16.063	166	173896	41.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.634	232	56179	42.890	ng	98
60) Diethylphthalate	15.805	149	183550	42.344	ng	98
61) 4-Chlorophenyl-phenyle...	16.040	204	103190	42.033	ng	97
62) 4-Nitroaniline	16.075	138	39755	41.495	ng	93
63) Azobenzene	16.333	77	177633	41.120	ng	98
65) 4,6-Dinitro-2-methylph...	16.134	198	38021	45.683	ng	98
66) n-Nitrosodiphenylamine	16.257	169	155336	42.108	ng	97
67) 4-Bromophenyl-phenylether	16.938	248	68404	40.230	ng	94
68) Hexachlorobenzene	17.068	284	74724	44.451	ng	96
69) Atrazine	17.185	200	66808	43.628	ng	99
70) Pentachlorophenol	17.408	266	89058	73.845	ng	93
71) Phenanthrene	17.802	178	291549	41.612	ng	99
72) Anthracene	17.896	178	294568	41.012	ng	99
73) Carbazole	18.160	167	266107	42.494	ng	95
74) Di-n-butylphthalate	18.677	149	312747	43.129	ng	100
75) Fluoranthene	19.788	202	355514	40.028	ng	99
77) Benzidine	19.952	184	162849	47.583	ng	97
78) Pyrene	20.152	202	361965	41.796	ng	98
80) Butylbenzylphthalate	21.009	149	131151	44.008	ng	95
81) Benzo(a)anthracene	22.061	228	354889	40.958	ng	99
82) 3,3'-Dichlorobenzidine	21.955	252	95691	32.705	ng	96
83) Chrysene	22.131	228	322449	39.745	ng	97
84) Bis(2-ethylhexyl)phtha...	21.908	149	188427	43.664	ng	97
85) Di-n-octyl phthalate	23.224	149	315934	43.444	ng	99
87) Indeno(1,2,3-cd)pyrene	29.715	276	418727	42.438	ng	# 96
88) Benzo(b)fluoranthene	24.487	252	372410	44.607	ng	99
89) Benzo(k)fluoranthene	24.563	252	358285	42.987	ng	# 99
90) Benzo(a)pyrene	25.450	252	322343	39.292	ng	# 97
91) Dibenzo(a,h)anthracene	29.774	278	350491	43.215	ng	98
92) Benzo(g,h,i)perylene	31.002	276	331121	41.695	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.409 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

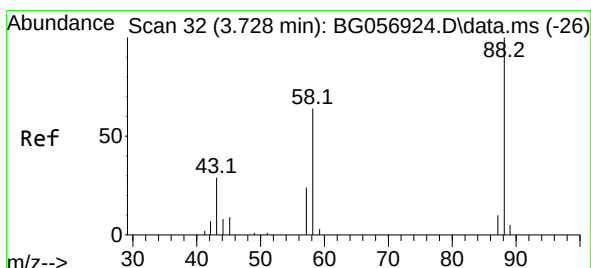
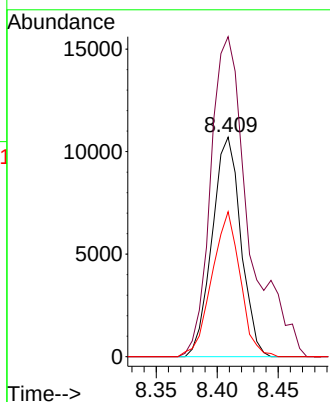
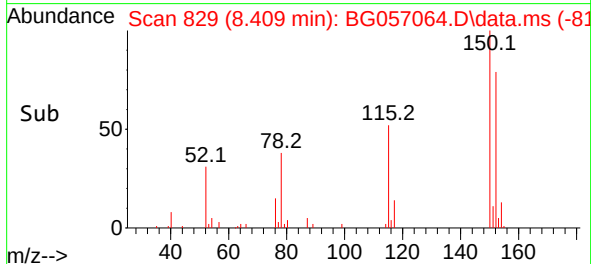
Instrument :
 BNA_G
 ClientSampleId :
 PB152062BS



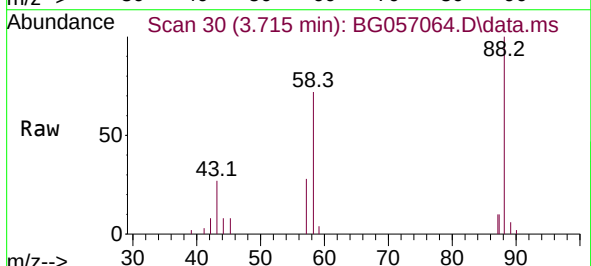
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 Ion Ratio Lower Upper
 152 100
 150 145.8 124.1 186.1
 115 66.1 49.1 73.7

Manual Integrations
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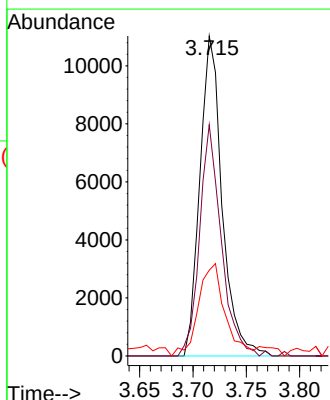
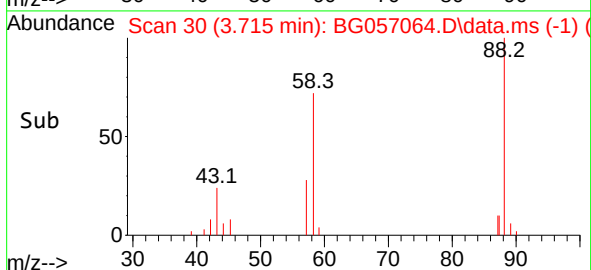
Reviewed By :Christian Giraldo 04/13/2023
 Supervised By :Jagrut Upadhyay 04/13/2023

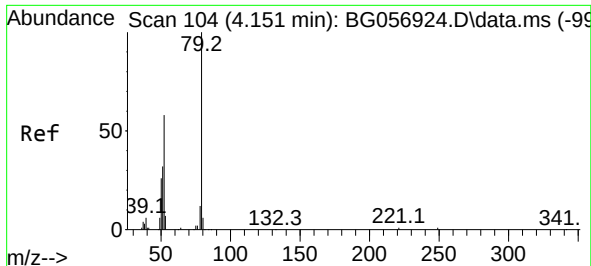


#2
 1,4-Dioxane
 Concen: 33.321 ng
 RT: 3.715 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54



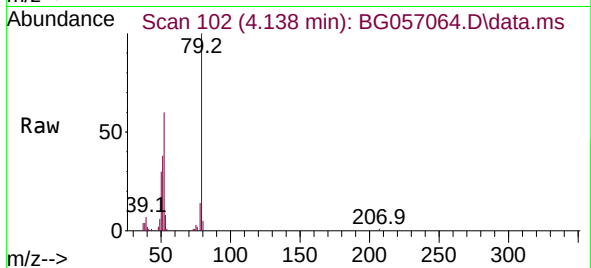
Tgt Ion: 88 Resp: 16030
 Ion Ratio Lower Upper
 88 100
 58 70.4 55.9 83.9
 43 34.4 25.7 38.5





#3
Pyridine
Concen: 27.926 ng
RT: 4.138 min Scan# 104
Delta R.T. -0.008 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

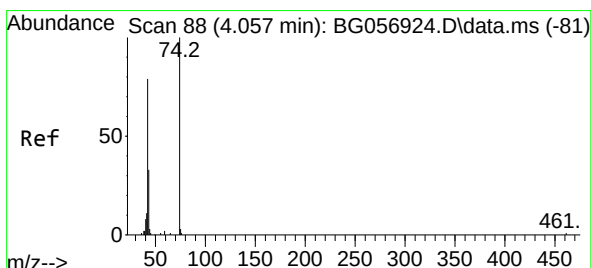
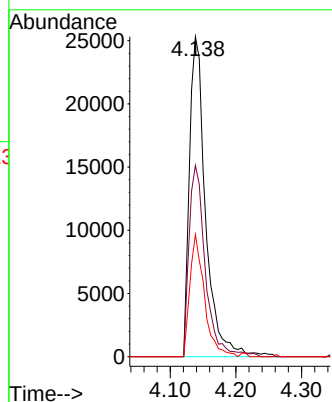
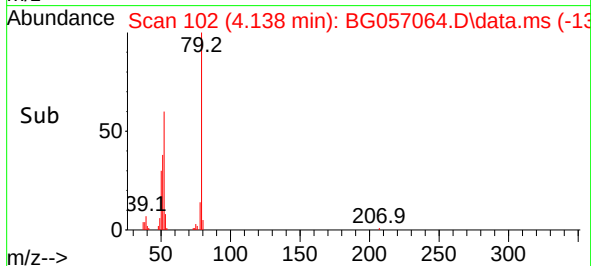
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion: 79 Resp: 4327
Ion Ratio Lower Upper
79 100
52 59.8 46.1 69.1
51 38.1 26.1 39.1

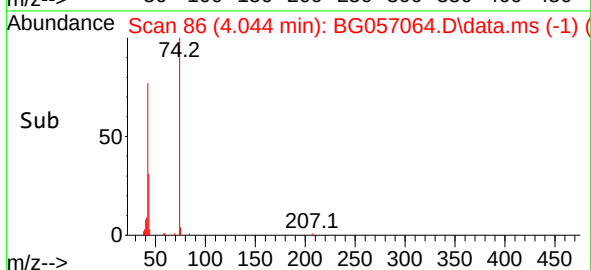
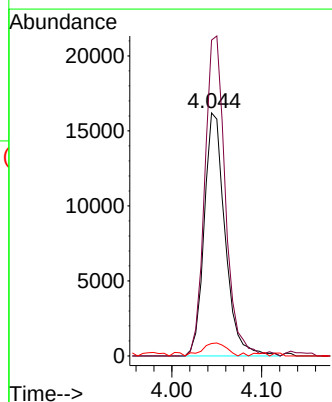
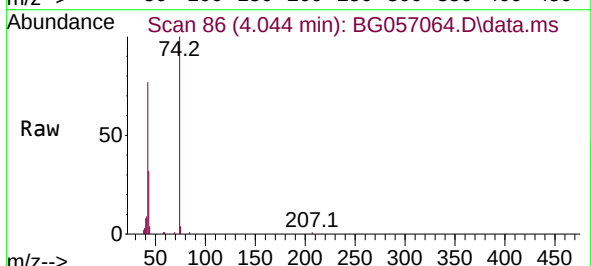
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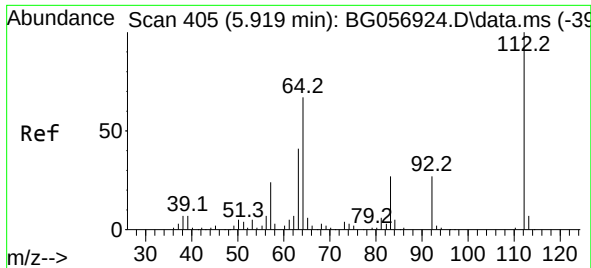
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#4
n-Nitrosodimethylamine
Concen: 36.650 ng
RT: 4.044 min Scan# 86
Delta R.T. -0.008 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 42 Resp: 26110
Ion Ratio Lower Upper
42 100
74 129.9 100.6 151.0
44 5.2 4.6 7.0





#5
2-Fluorophenol
Concen: 119.218 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

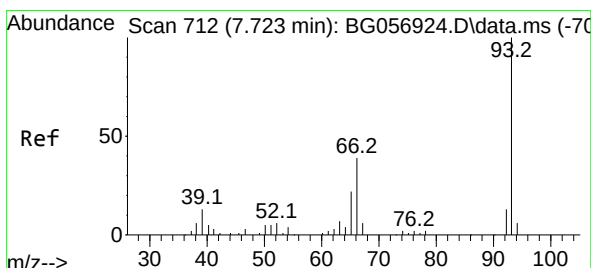
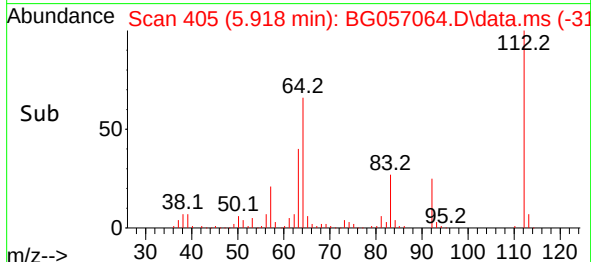
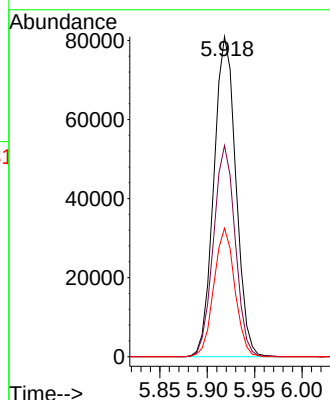
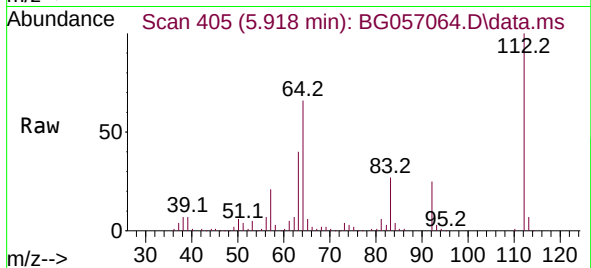
PB152062BS

Tgt Ion:112 Resp: 130835
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 40.2 32.6 48.8

Manual Integrations

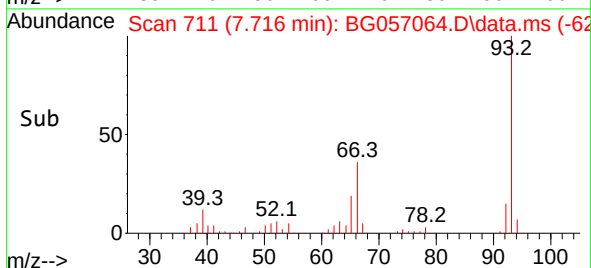
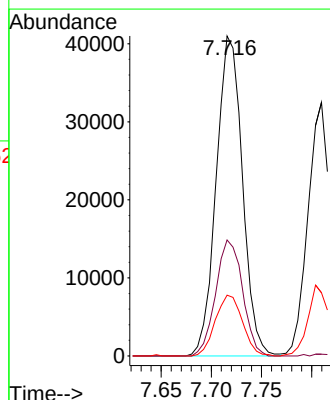
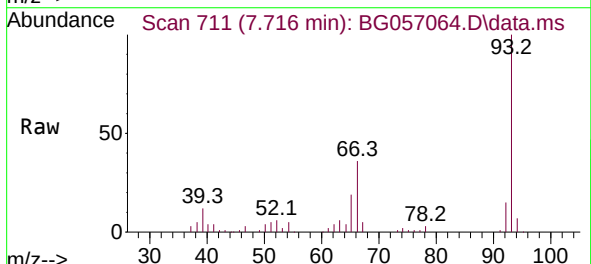
APPROVED

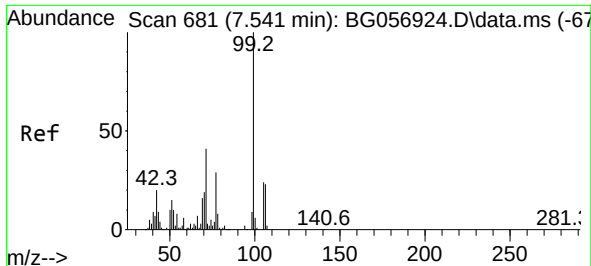
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#6
Aniline
Concen: 35.461 ng
RT: 7.716 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

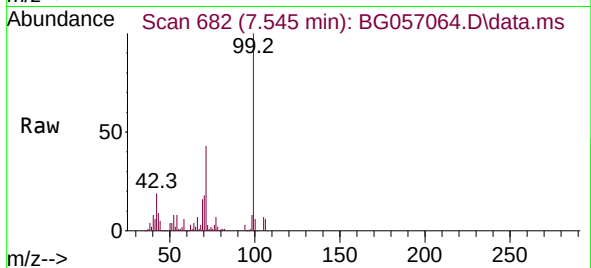
Tgt Ion: 93 Resp: 74408
Ion Ratio Lower Upper
93 100
66 36.2 31.4 47.0
65 19.0 17.3 25.9





#7
Phenol-d6
Concen: 113.628 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.009 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

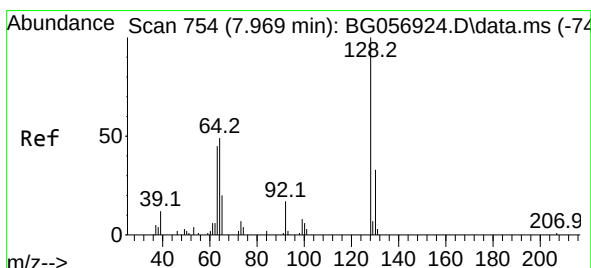
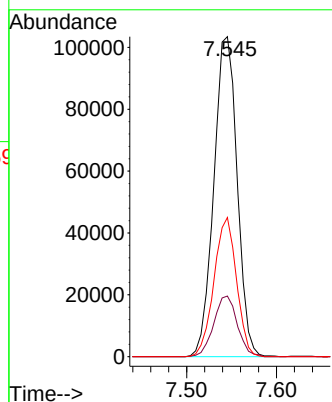
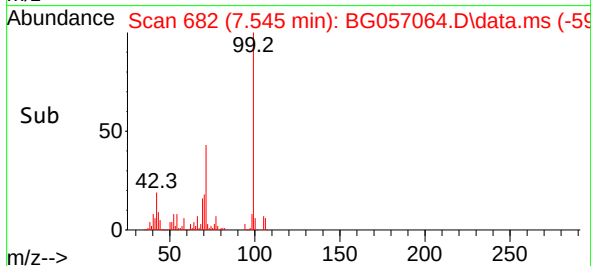
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion: 99 Resp: 18650
Ion Ratio Lower Upper
99 100
42 19.0 15.7 23.5
71 43.5 32.5 48.7

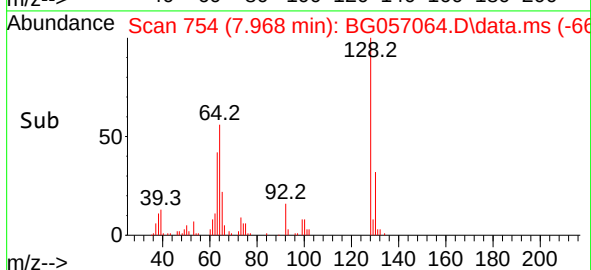
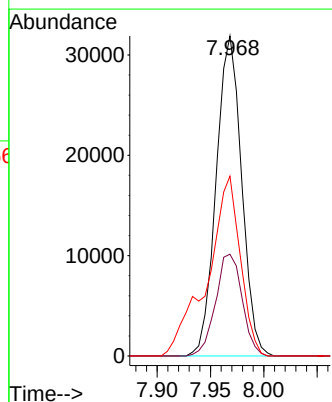
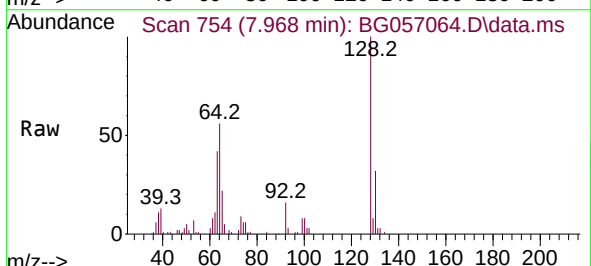
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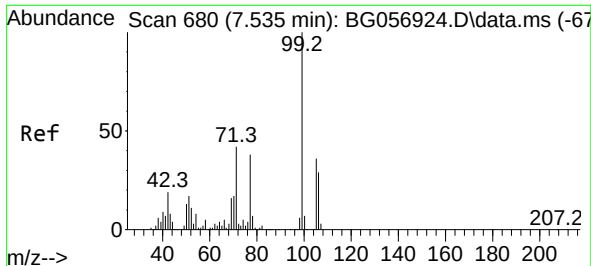
Reviewed By :Christian Giraldo 04/13/2023
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#8
2-Chlorophenol
Concen: 48.368 ng
RT: 7.968 min Scan# 754
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:128 Resp: 52872
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 56.2 40.6 80.6





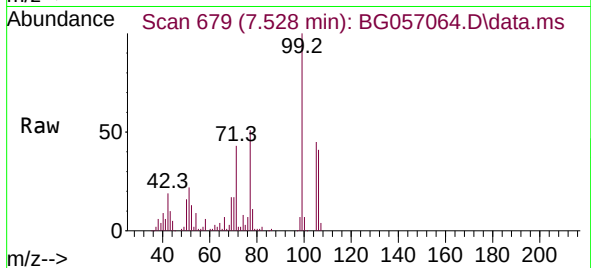
#9
Benzaldehyde
Concen: 36.308 ng
RT: 7.528 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

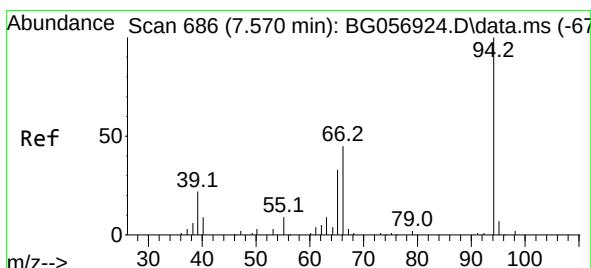
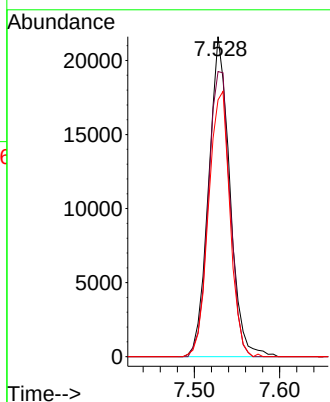
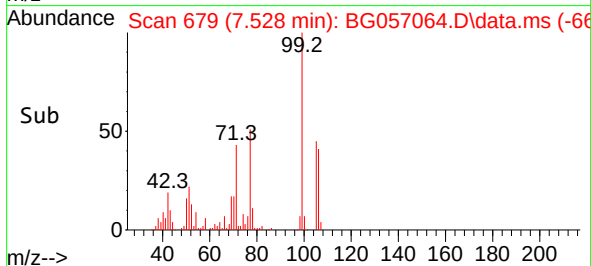


Tgt Ion: 77 Resp: 37379
Ion Ratio Lower Upper
77 100
105 89.1 73.6 113.6
106 80.3 56.7 96.7

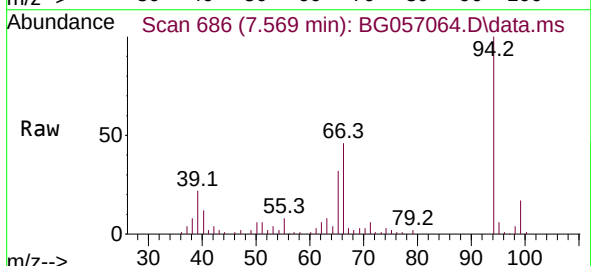
Manual Integrations

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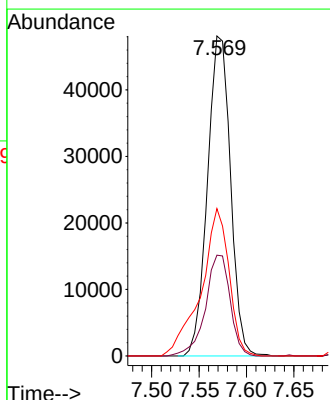
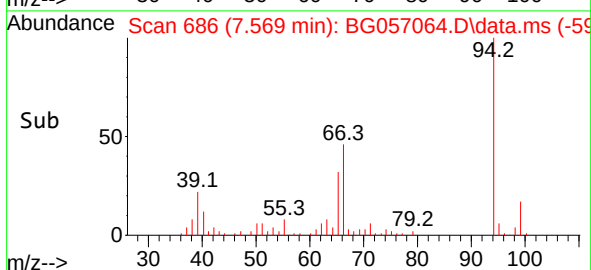
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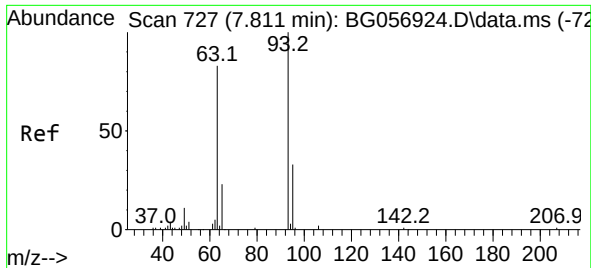


#10
Phenol
Concen: 49.938 ng
RT: 7.569 min Scan# 686
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



Tgt Ion: 94 Resp: 81218
Ion Ratio Lower Upper
94 100
65 31.5 13.3 53.3
66 46.1 26.7 66.7





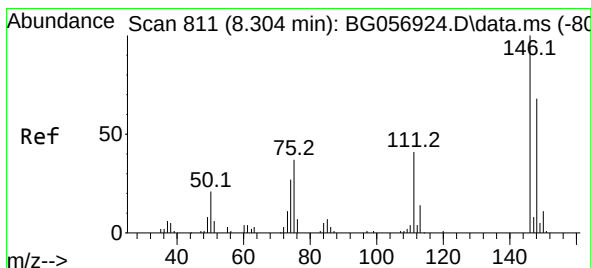
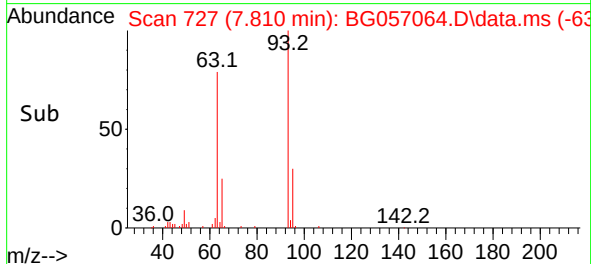
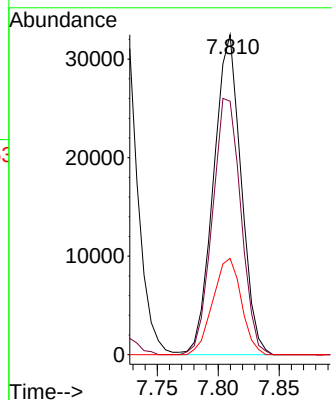
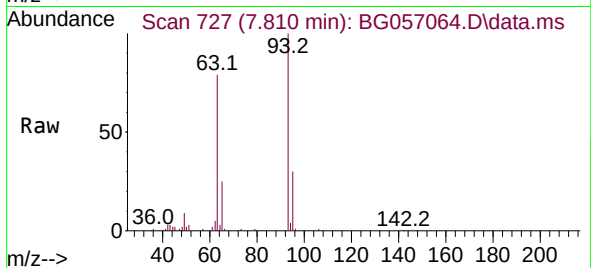
#11
bis(2-Chloroethyl)ether
Concen: 44.124 ng
RT: 7.810 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion: 93 Resp: 51118
Ion Ratio Lower Upper
93 100
63 79.2 62.7 102.7
95 30.1 12.3 52.3

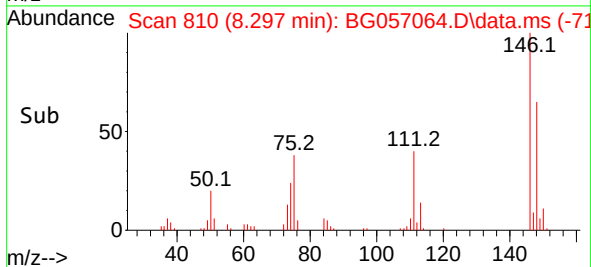
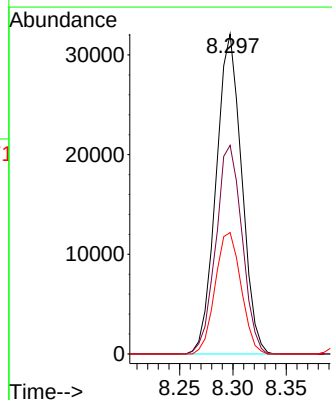
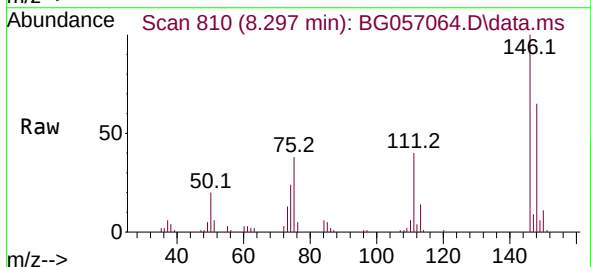
Manual Integrations
APPROVED

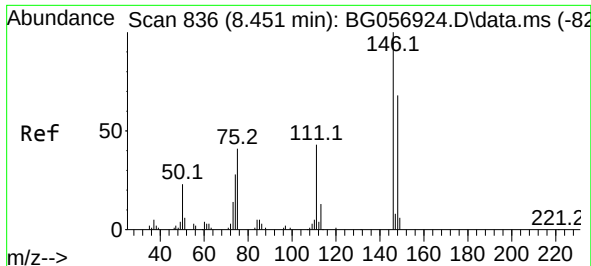
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#12
1,3-Dichlorobenzene
Concen: 44.293 ng
RT: 8.297 min Scan# 810
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:146 Resp: 53499
Ion Ratio Lower Upper
146 100
148 65.2 54.2 81.4
75 37.9 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 45.157 ng

RT: 8.444 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

Tgt Ion:146 Resp: 5504

Ion Ratio Lower Upper

146 100

148 66.5 54.8 82.2

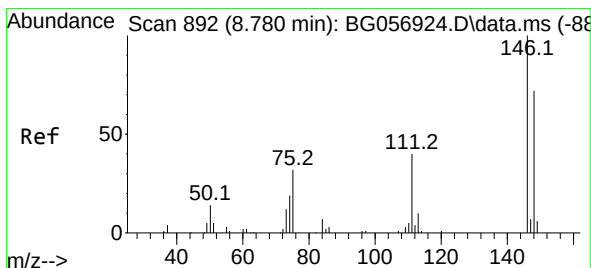
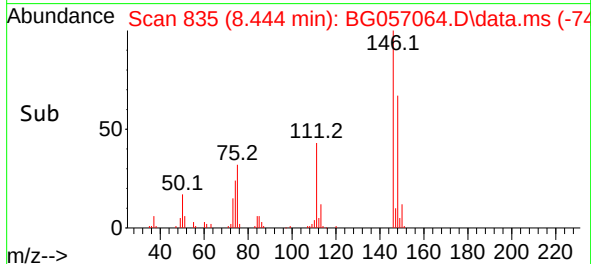
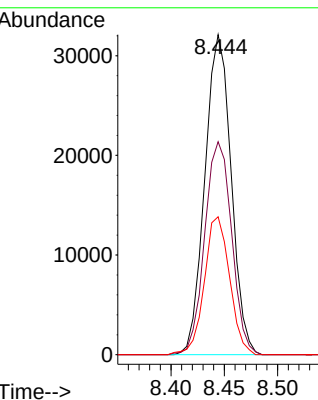
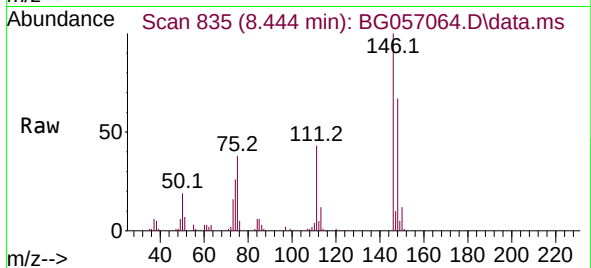
111 43.1 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#14

1,2-Dichlorobenzene

Concen: 45.080 ng

RT: 8.773 min Scan# 891

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

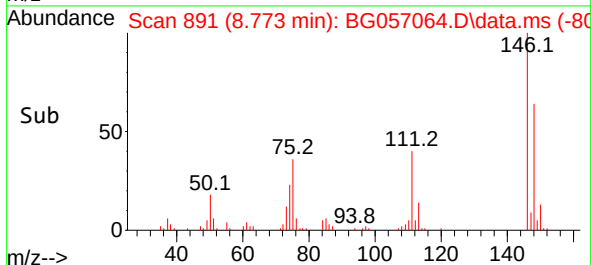
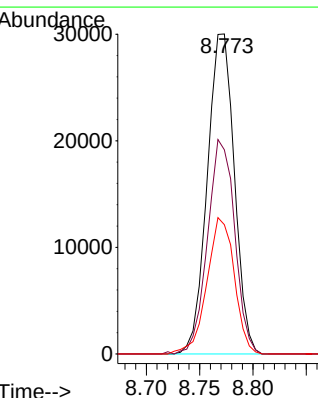
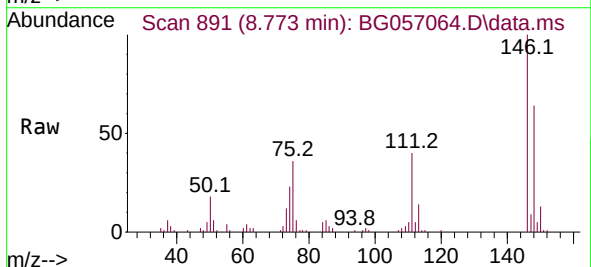
Tgt Ion:146 Resp: 53093

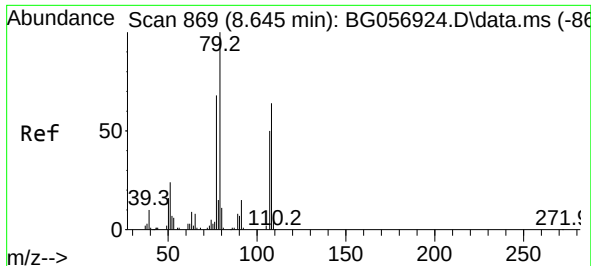
Ion Ratio Lower Upper

146 100

148 63.8 57.4 86.0

111 40.4 33.2 49.8





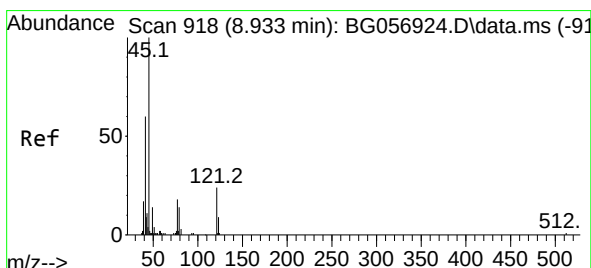
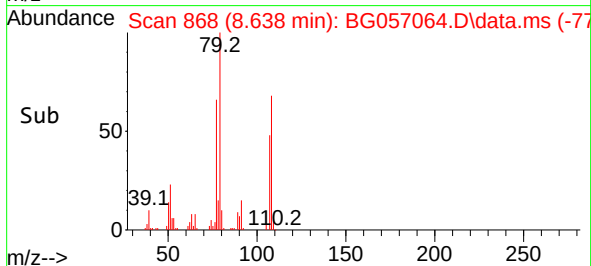
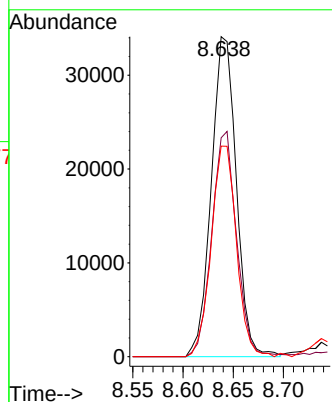
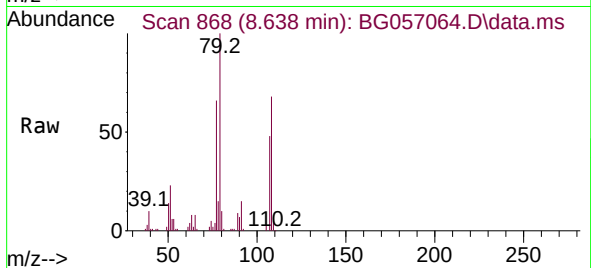
#15
Benzyl Alcohol
Concen: 43.394 ng
RT: 8.638 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion: 79 Resp: 5918
Ion Ratio Lower Upper
79 100
108 68.4 51.2 76.8
77 65.8 54.4 81.6

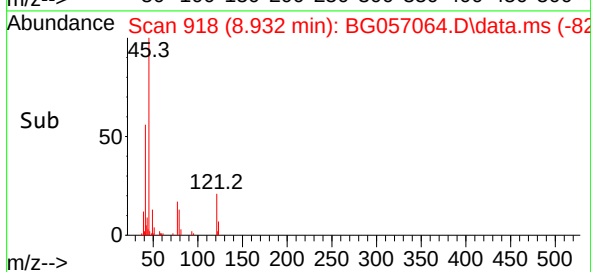
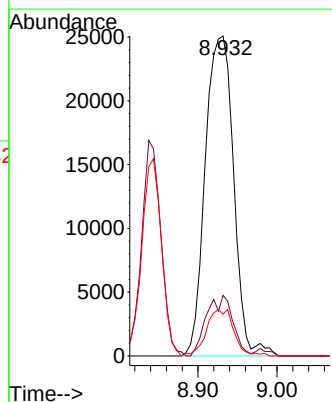
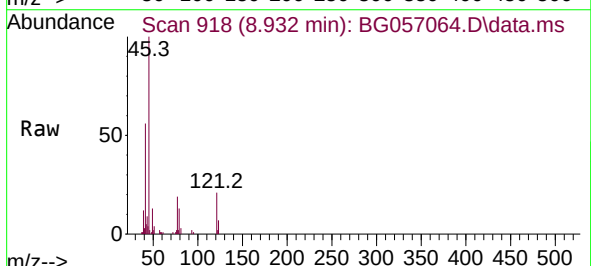
Manual Integrations
APPROVED

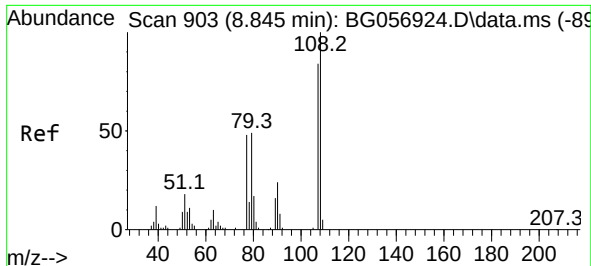
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.853 ng m
RT: 8.932 min Scan# 918
Delta R.T. 0.009 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 45 Resp: 62624
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.7
79 13.1 0.0 35.1





#17

2-Methylphenol

Concen: 45.814 ng

RT: 8.844 min Scan# 90

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

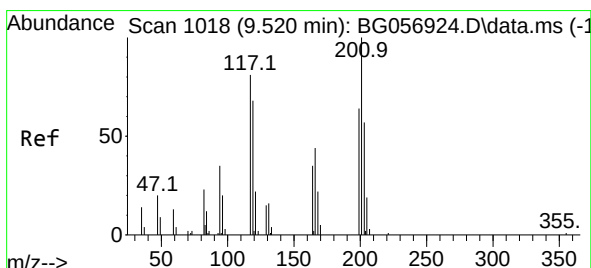
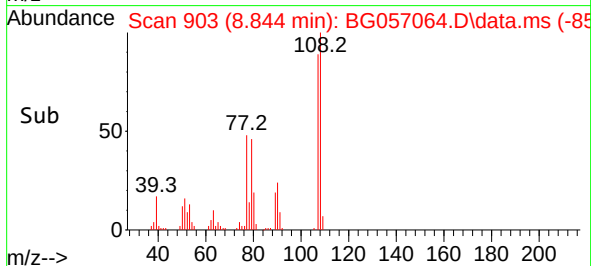
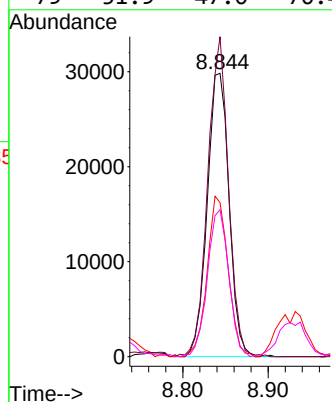
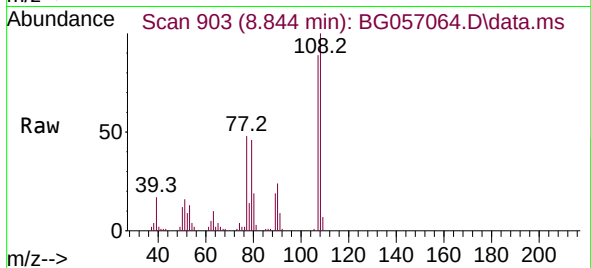
PB152062BS

Tgt Ion:	107	Resp:	5315
Ion Ratio	Lower	Upper	
107	100		
108	113.0	96.0	144.0
77	54.4	45.6	68.4
79	51.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#18

Hexachloroethane

Concen: 43.534 ng

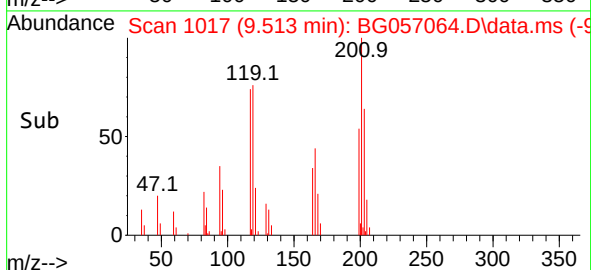
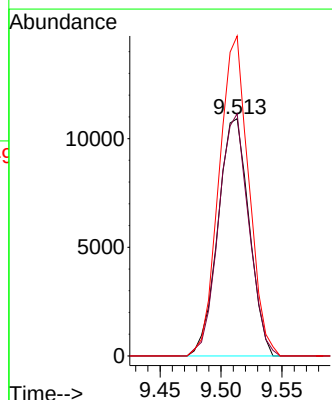
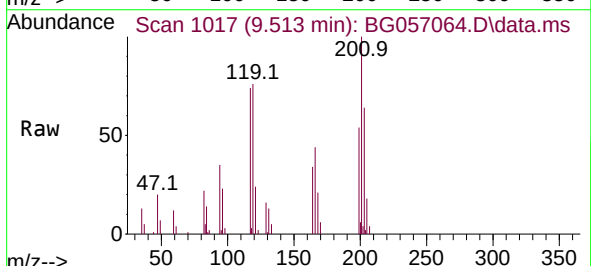
RT: 9.513 min Scan# 1017

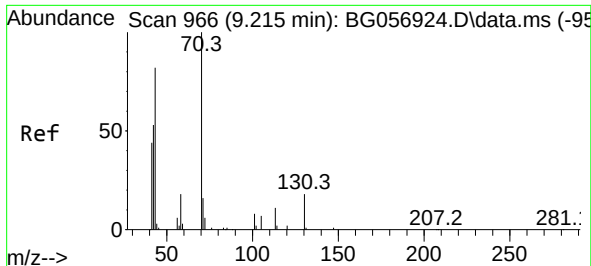
Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

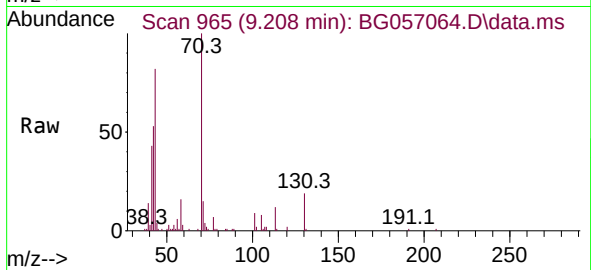
Tgt Ion:	117	Resp:	19397
Ion Ratio	Lower	Upper	
117	100		
119	102.1	67.0	100.6
201	134.8	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.325 ng
RT: 9.208 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

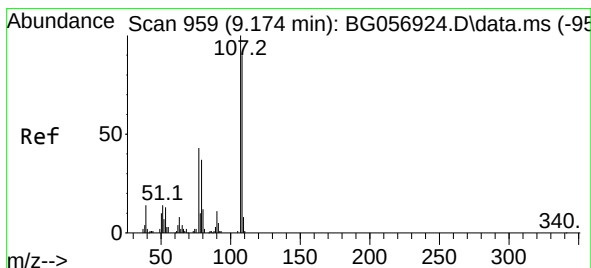
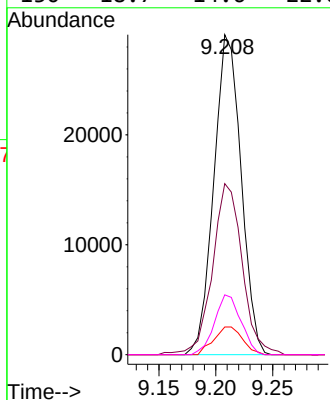
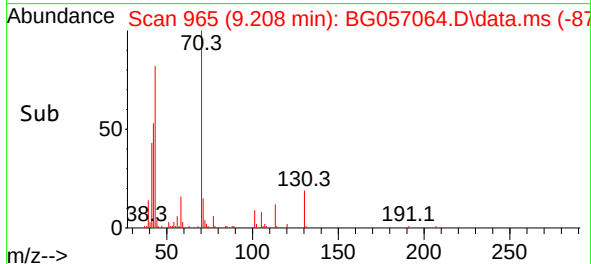
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion: 70 Resp: 48510
Ion Ratio Lower Upper
70 100
42 53.4 43.4 65.0
101 8.7 6.2 9.2
130 18.7 14.6 22.0

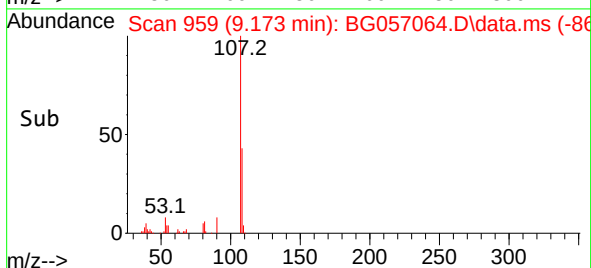
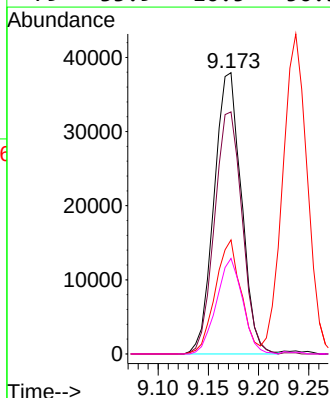
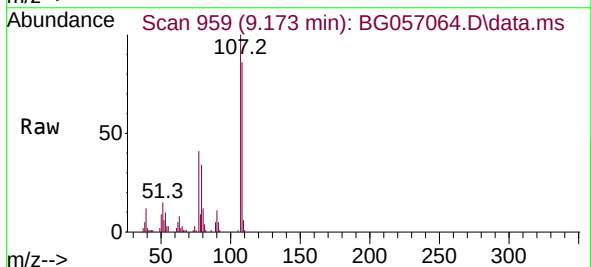
Manual Integrations
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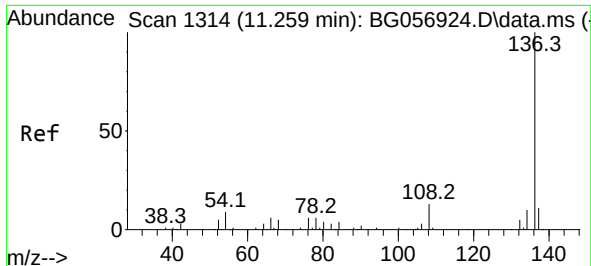
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#20
3+4-Methylphenols
Concen: 44.185 ng
RT: 9.173 min Scan# 959
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:107 Resp: 71691
Ion Ratio Lower Upper
107 100
108 86.0 69.9 109.9
77 40.6 22.7 62.7
79 33.9 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.252 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

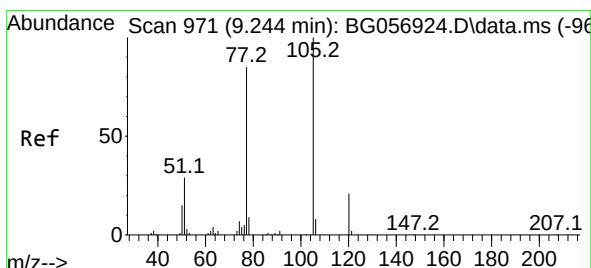
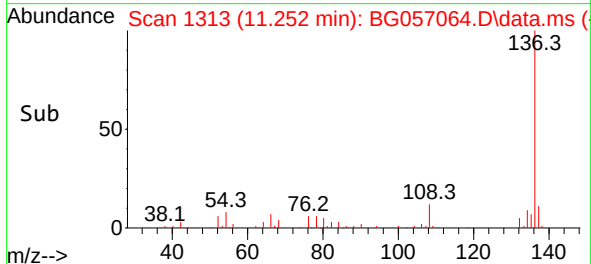
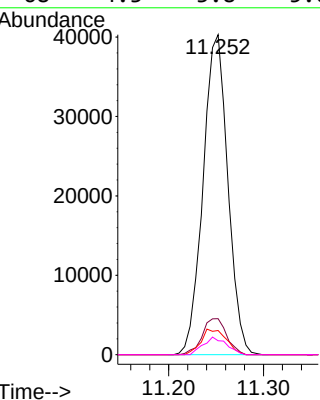
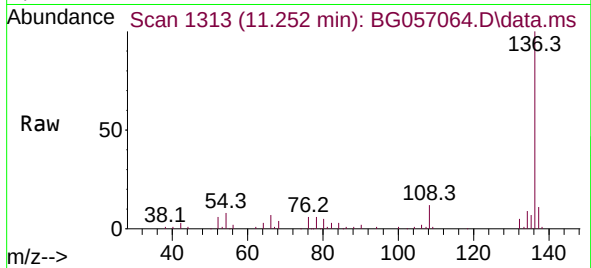
PB152062BS

Tgt Ion:136 Resp: 7314
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.5 6.9 10.3
68 4.3 3.8 5.6

Manual Integrations

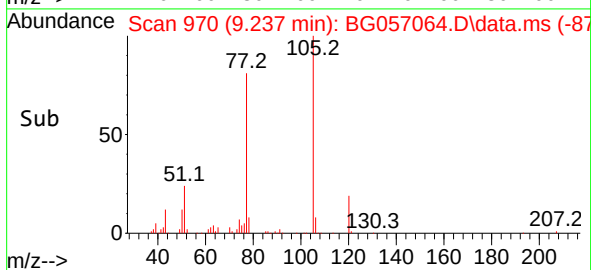
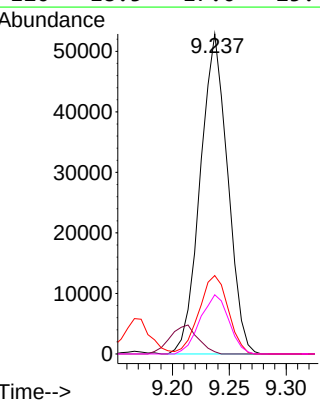
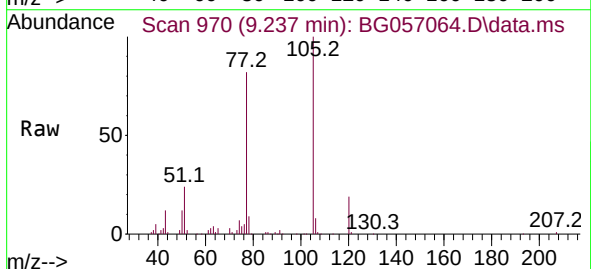
APPROVED

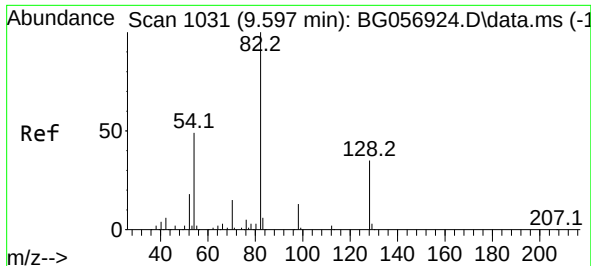
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#22
Acetophenone
Concen: 40.663 ng
RT: 9.237 min Scan# 970
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:105 Resp: 88502
Ion Ratio Lower Upper
105 100
71 0.7 0.7 1.1#
51 24.5 23.8 35.8
120 18.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 65.091 ng
RT: 9.590 min Scan# 1030
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

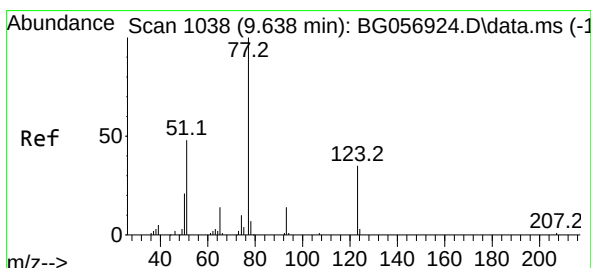
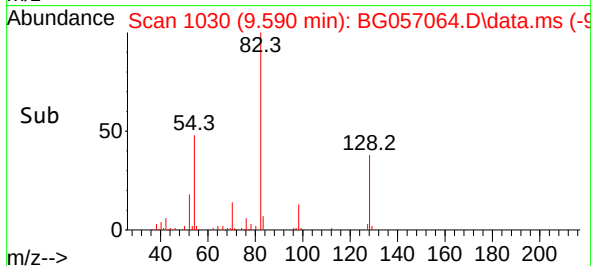
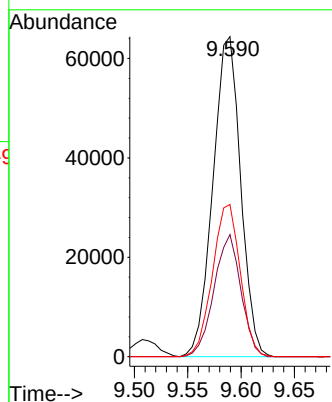
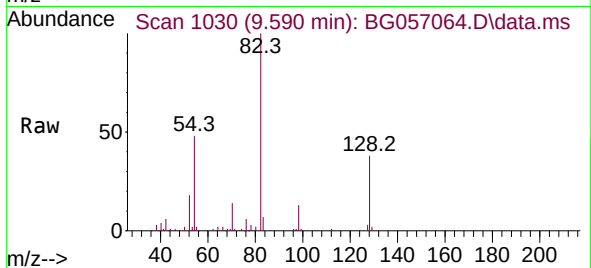
PB152062BS

Tgt Ion: 82 Resp: 116354
Ion Ratio Lower Upper
82 100
128 38.2 27.9 41.9
54 47.5 39.4 59.2

Manual Integrations

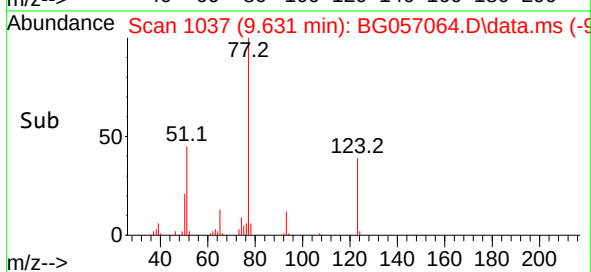
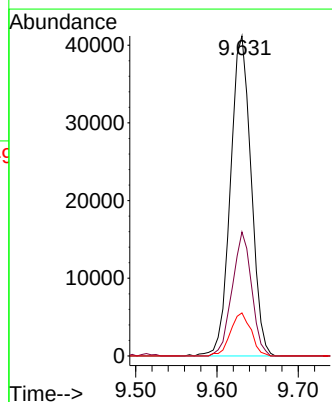
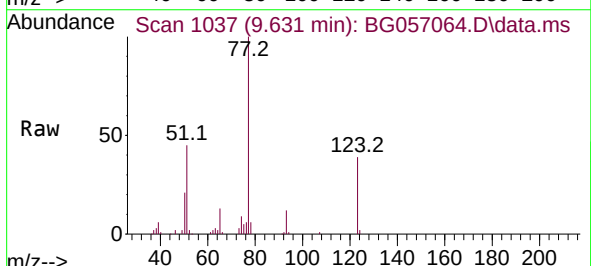
APPROVED

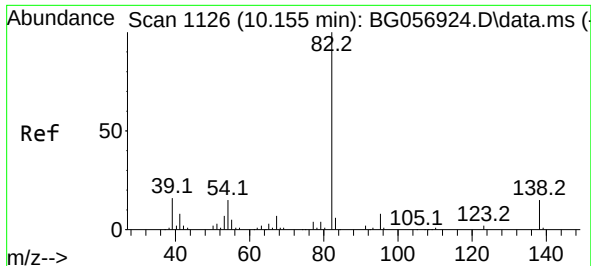
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#24
Nitrobenzene
Concen: 39.862 ng
RT: 9.631 min Scan# 1037
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

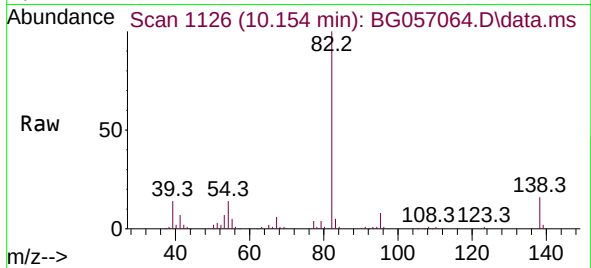
Tgt Ion: 77 Resp: 72852
Ion Ratio Lower Upper
77 100
123 38.8 27.6 41.4
65 13.5 11.5 17.3





#25
Isophorone
Concen: 38.019 ng
RT: 10.154 min Scan# 1126
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

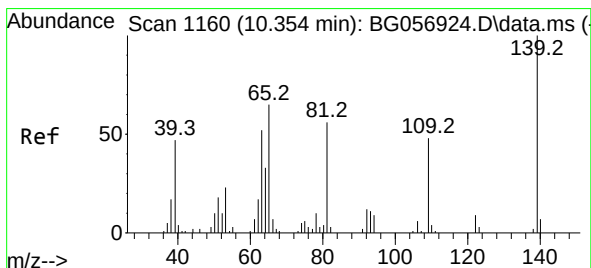
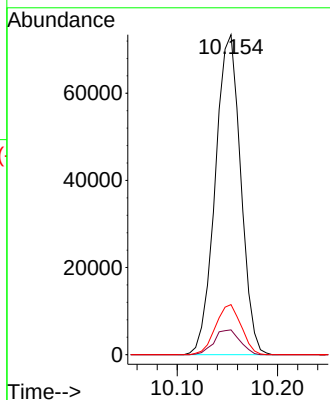
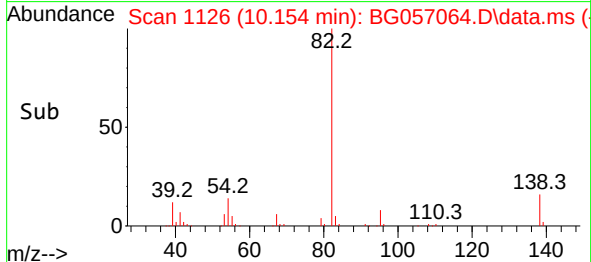
Instrument :
BNA_G
ClientSampleId :
PB152062BS



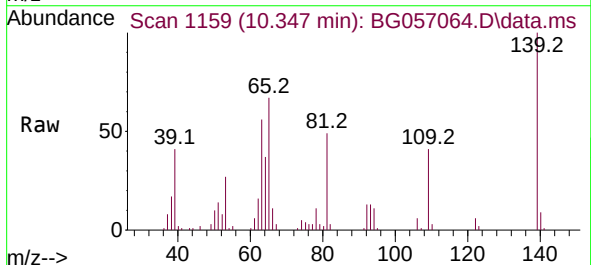
Tgt Ion: 82 Resp: 12941
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 15.7 11.8 17.8

Manual Integrations
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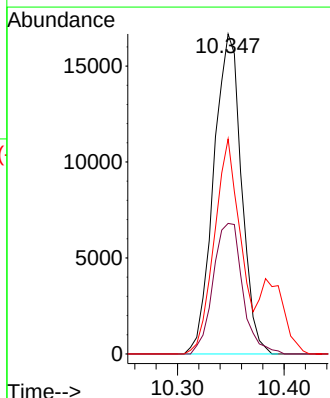
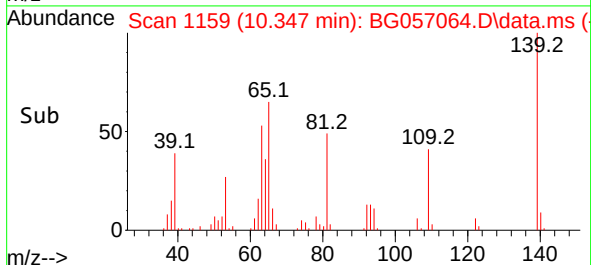
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

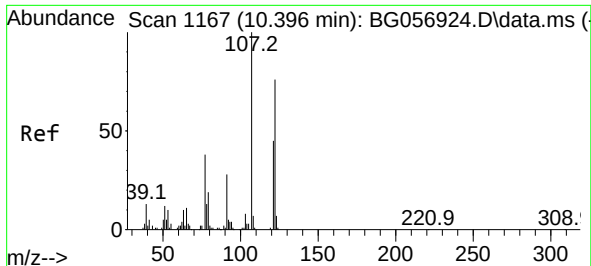


#26
2-Nitrophenol
Concen: 42.759 ng
RT: 10.347 min Scan# 1159
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



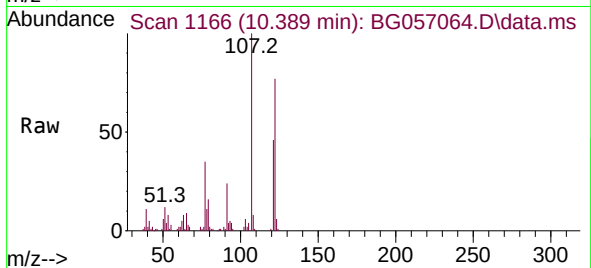
Tgt Ion:139 Resp: 30163
Ion Ratio Lower Upper
139 100
109 40.8 38.2 57.4
65 67.2 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 43.838 ng
RT: 10.389 min Scan# 1166
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

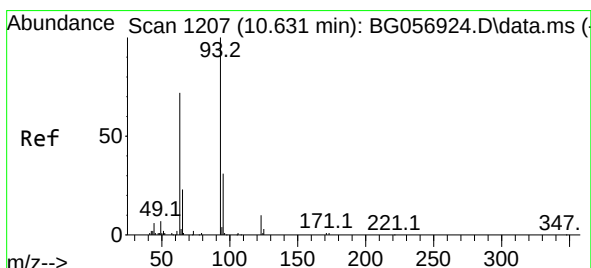
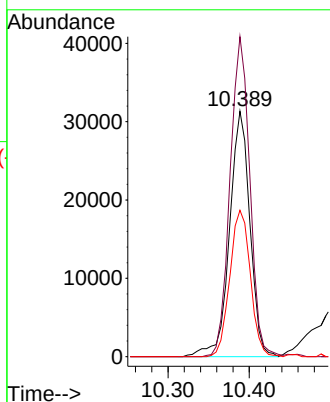
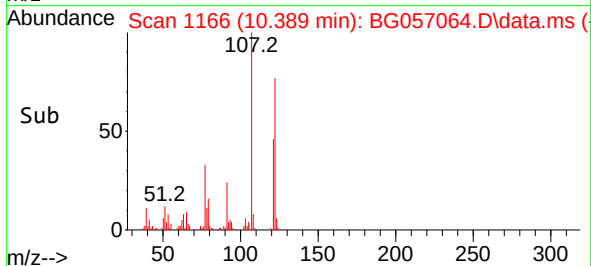
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:122 Resp: 54600
Ion Ratio Lower Upper
122 100
107 130.4 105.7 158.5
121 59.7 48.0 72.0

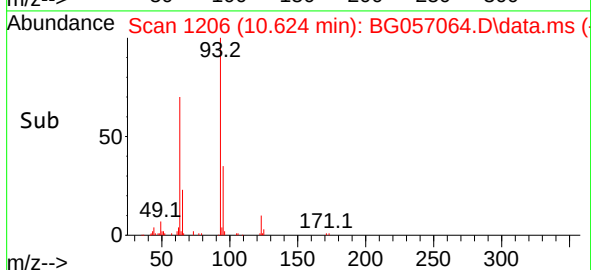
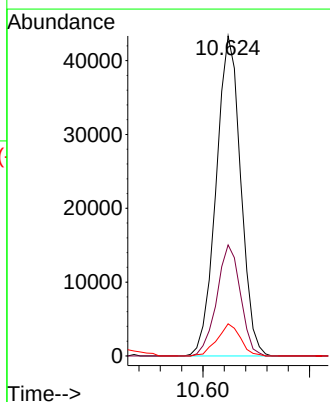
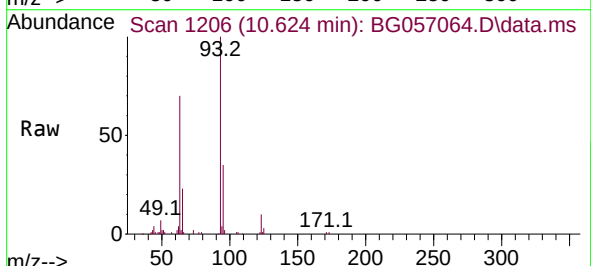
Manual Integrations
APPROVED

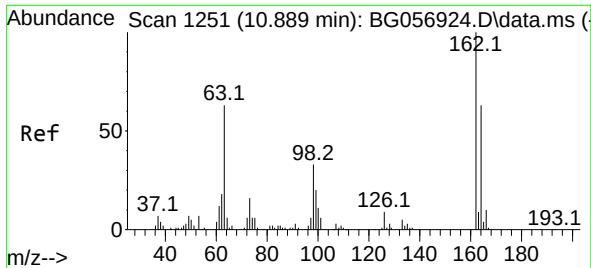
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.650 ng
RT: 10.624 min Scan# 1206
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 93 Resp: 69274
Ion Ratio Lower Upper
93 100
95 34.7 24.6 37.0
123 10.0 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 43.994 ng
RT: 10.882 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

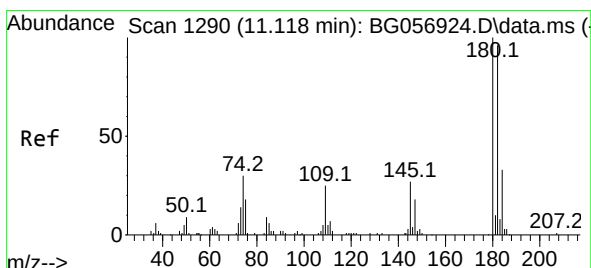
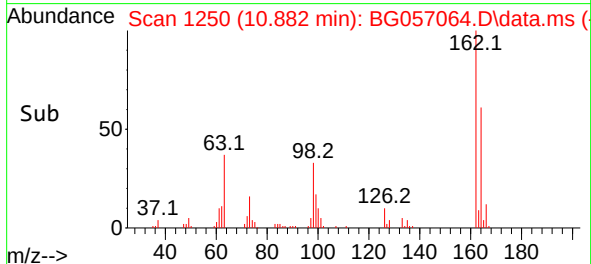
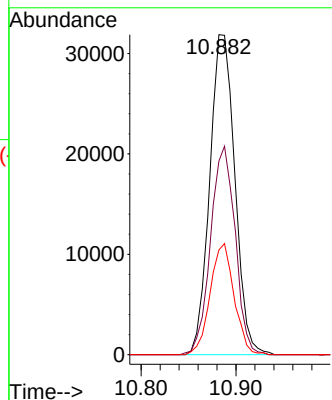
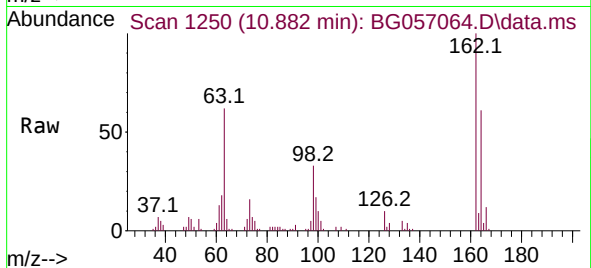
PB152062BS

Tgt Ion:162 Resp: 58929
Ion Ratio Lower Upper
162 100
164 60.5 43.4 83.4
98 32.8 12.5 52.5

Manual Integrations

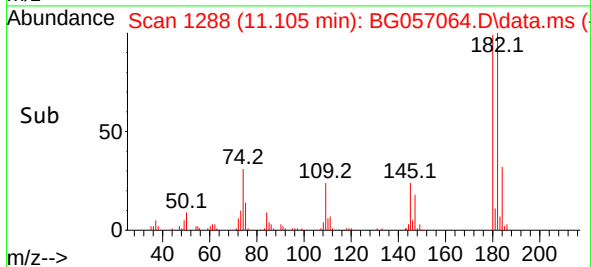
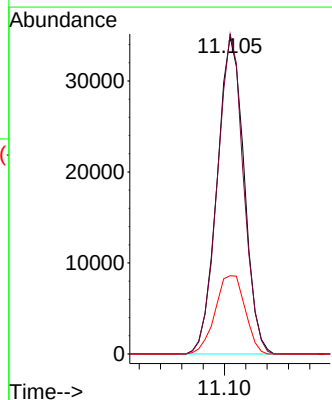
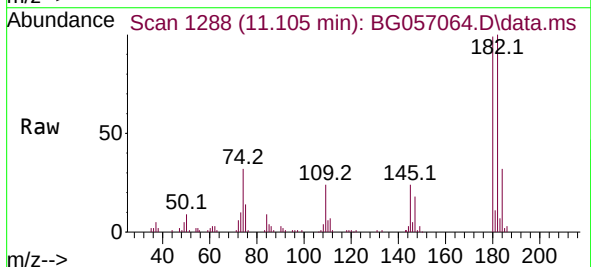
APPROVED

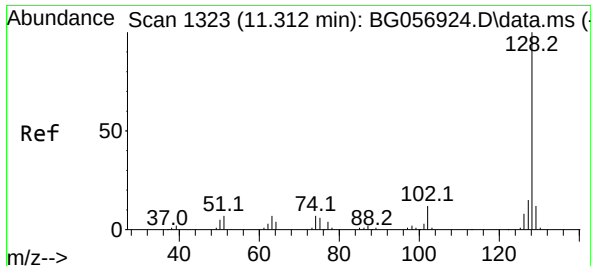
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.982 ng
RT: 11.105 min Scan# 1288
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

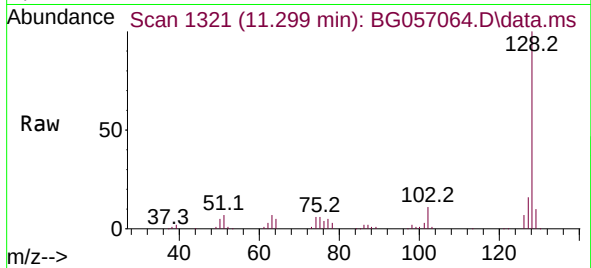
Tgt Ion:180 Resp: 61174
Ion Ratio Lower Upper
180 100
182 100.8 77.1 115.7
145 24.7 21.3 31.9





#31
Naphthalene
Concen: 41.124 ng
RT: 11.299 min Scan# 1191
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

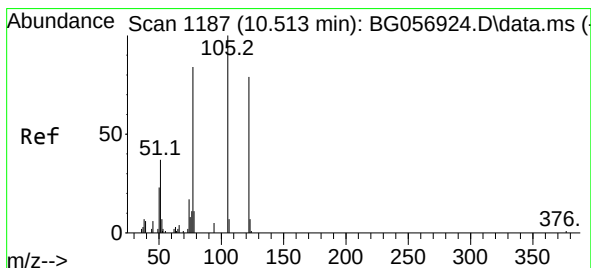
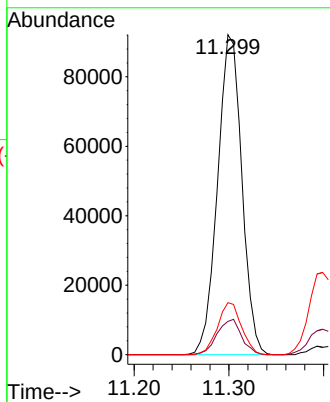
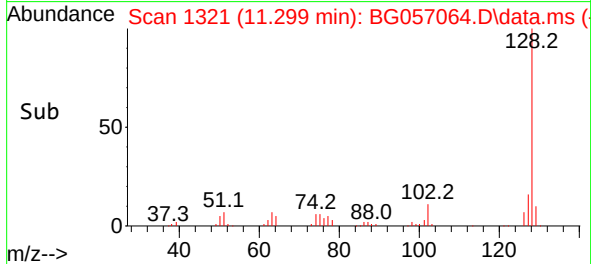
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:128 Resp: 16395
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 16.3 12.2 18.4

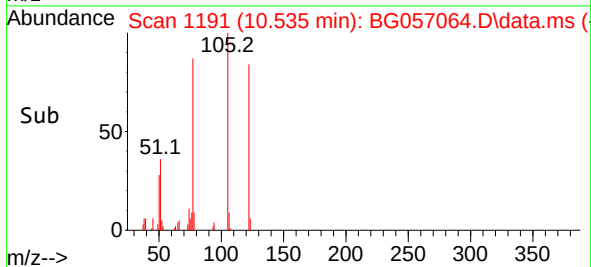
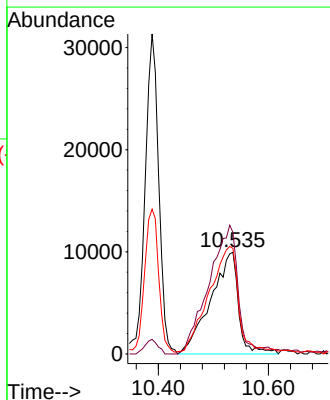
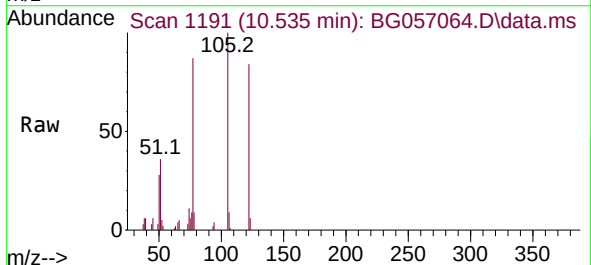
Manual Integrations
APPROVED

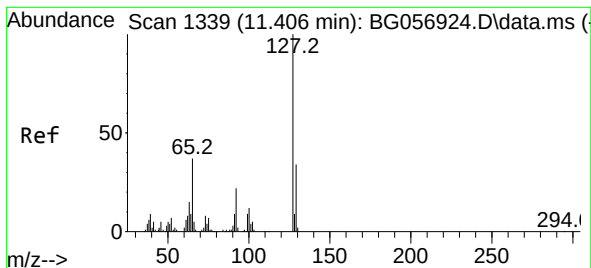
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#32
Benzoic acid
Concen: 41.003 ng
RT: 10.535 min Scan# 1191
Delta R.T. 0.027 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

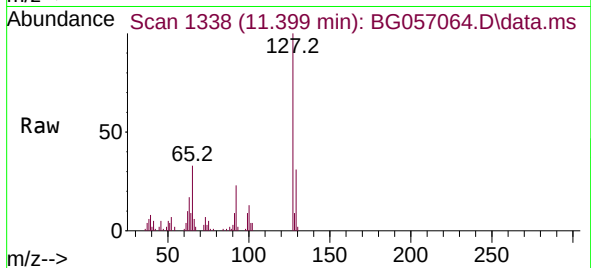
Tgt Ion:122 Resp: 35080
Ion Ratio Lower Upper
122 100
105 119.6 105.4 145.4
77 103.8 87.4 127.4





#33
4-Chloroaniline
Concen: 26.688 ng
RT: 11.399 min Scan# 11338
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

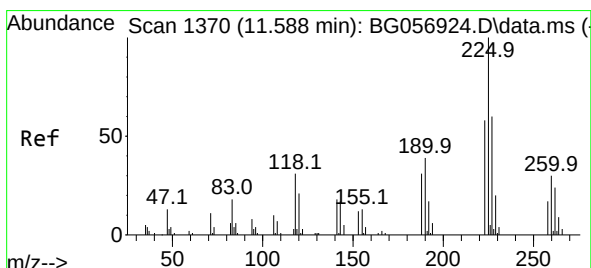
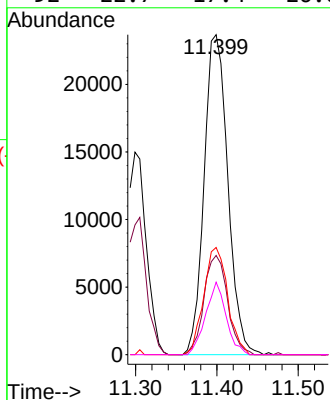
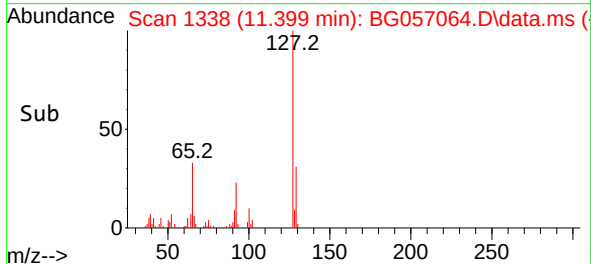
Instrument :
BNA_G
ClientSampleId :
PB152062BS



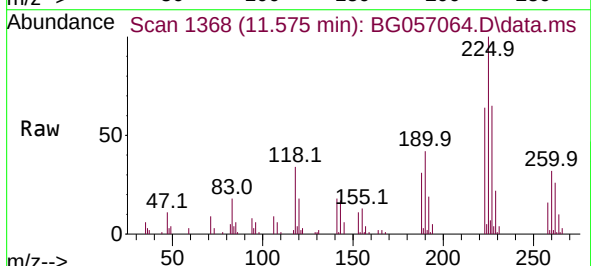
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.6	41.4
65	33.5	29.8	44.8
92	22.7	17.4	26.0

Manual Integrations
APPROVED

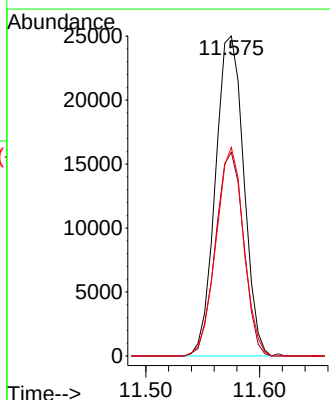
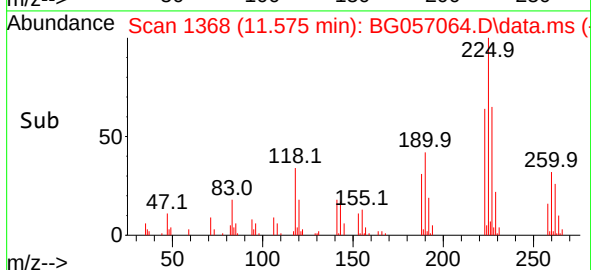
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

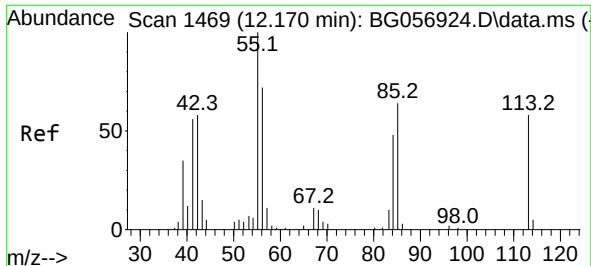


#34
Hexachlorobutadiene
Concen: 40.426 ng
RT: 11.575 min Scan# 1368
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



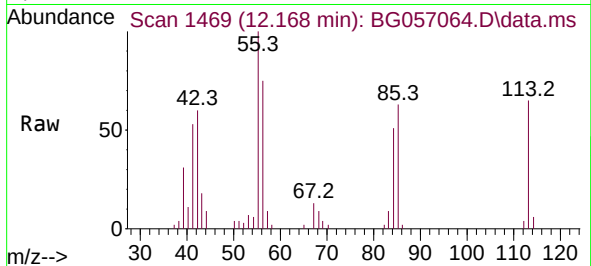
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	46.4	69.6
227	65.2	48.0	72.0





#35
Caprolactam
Concen: 39.934 ng m
RT: 12.168 min Scan# 1469
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

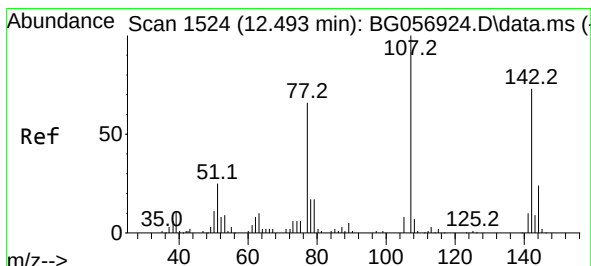
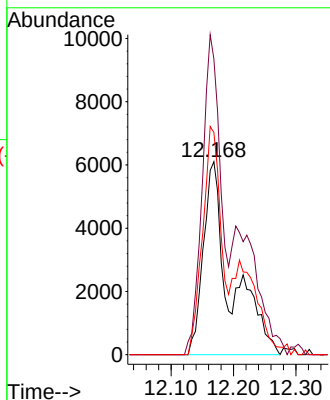
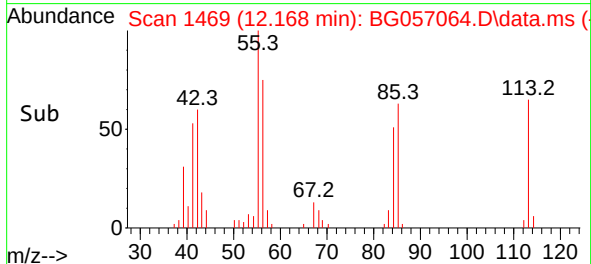
Instrument :
BNA_G
ClientSampleId :
PB152062BS



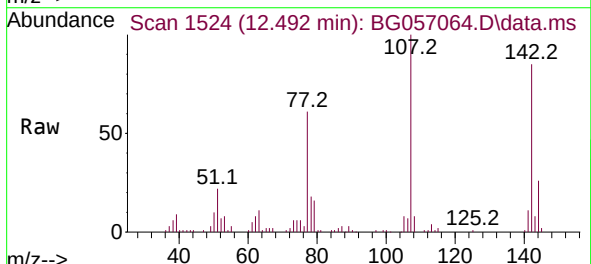
Tgt Ion:113 Resp: 1844
Ion Ratio Lower Upper
113 100
55 153.2 151.6 191.6
56 115.1 103.7 143.7

Manual Integrations
APPROVED

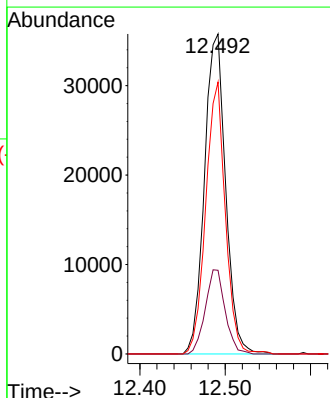
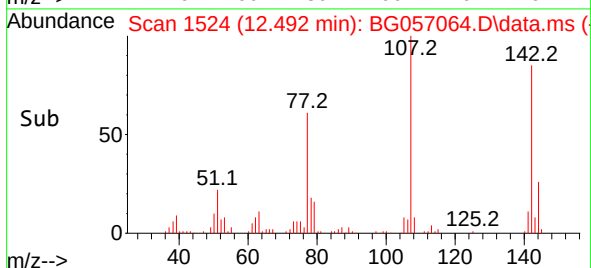
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

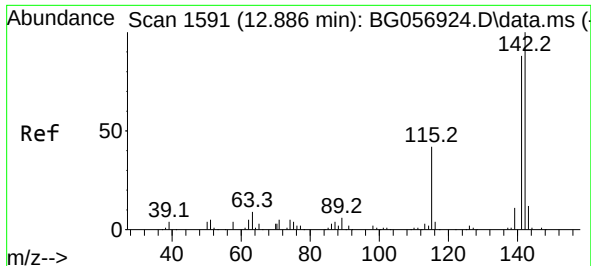


#36
4-Chloro-3-methylphenol
Concen: 41.213 ng
RT: 12.492 min Scan# 1524
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



Tgt Ion:107 Resp: 61735
Ion Ratio Lower Upper
107 100
144 26.2 19.0 28.4
142 85.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 38.889 ng

RT: 12.873 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

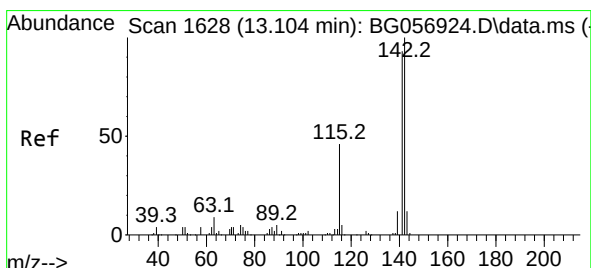
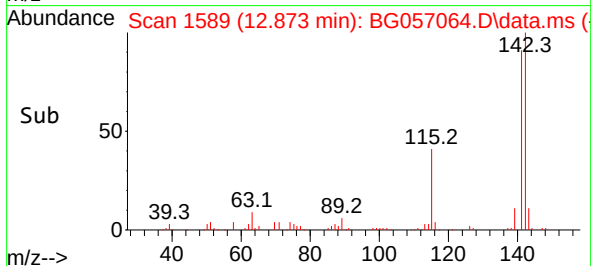
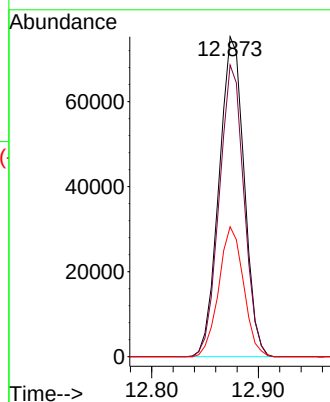
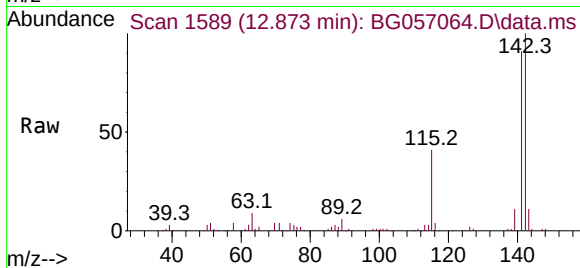
PB152062BS

Tgt Ion:142	Resp:	12305
Ion Ratio	Lower	Upper
142	100	
141	91.2	70.3 105.5
115	40.6	33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#38

1-Methylnaphthalene

Concen: 37.862 ng

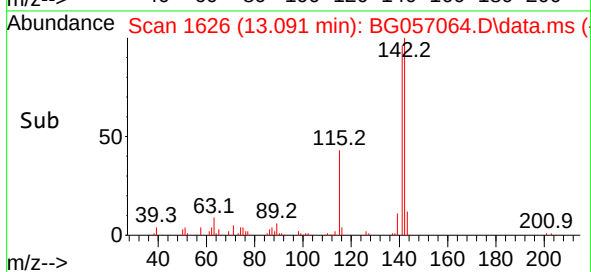
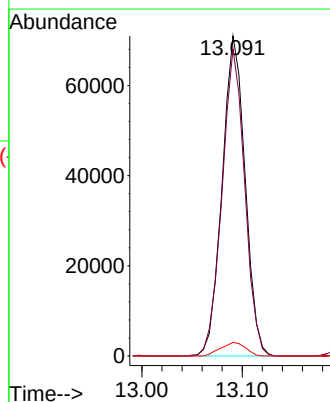
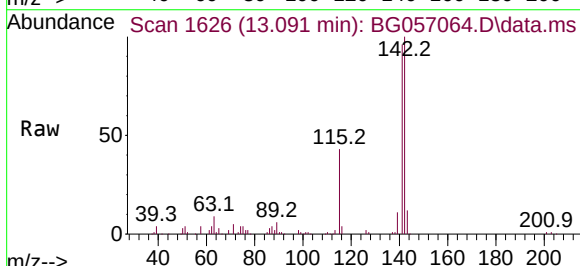
RT: 13.091 min Scan# 1626

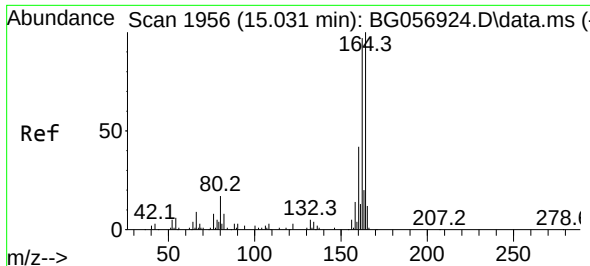
Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Tgt Ion:142	Resp:	112495
Ion Ratio	Lower	Upper
142	100	
141	95.9	74.0 111.0
116	4.3	3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

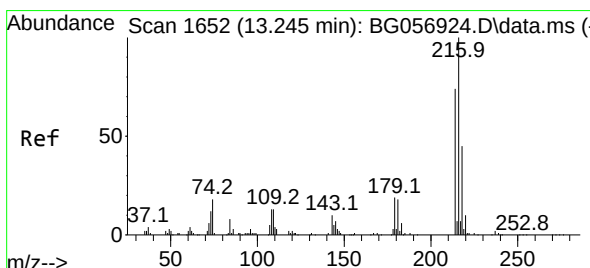
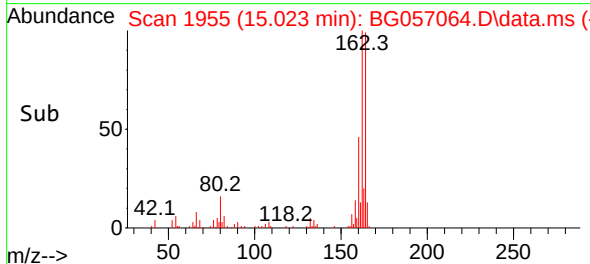
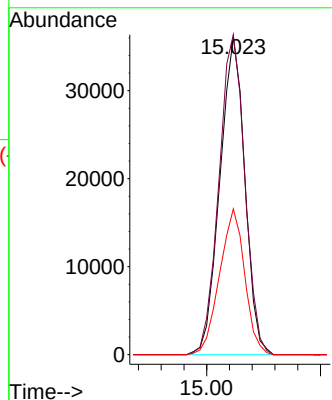
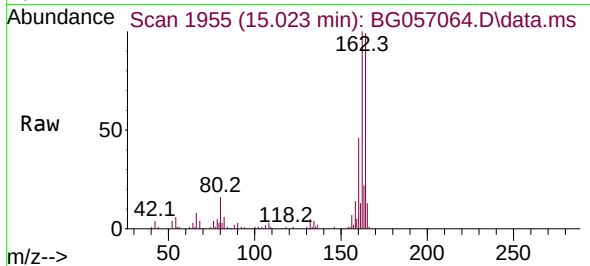
PB152062BS

Tgt Ion:164 Resp: 5487
Ion Ratio Lower Upper
164 100
162 100.7 77.8 116.8
160 45.9 33.5 50.3

Manual Integrations

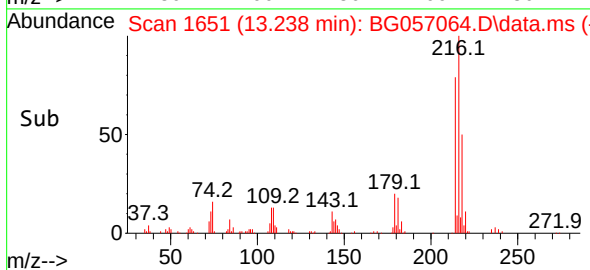
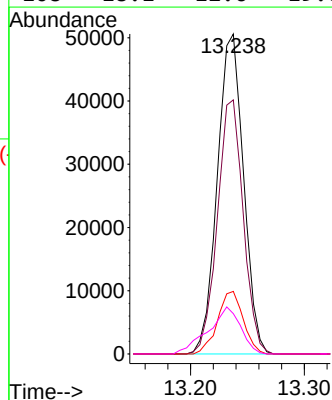
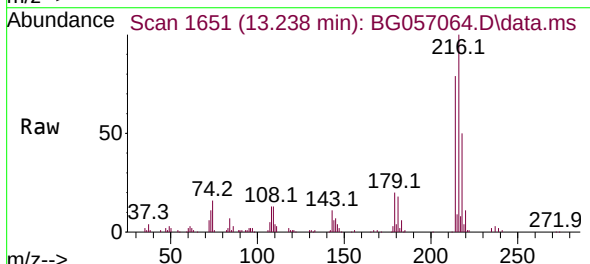
APPROVED

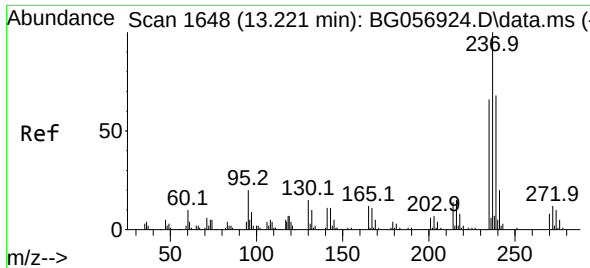
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.536 ng
RT: 13.238 min Scan# 1651
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:216 Resp: 80945
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 19.2 15.0 22.6
108 18.1 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 111.156 ng
RT: 13.208 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

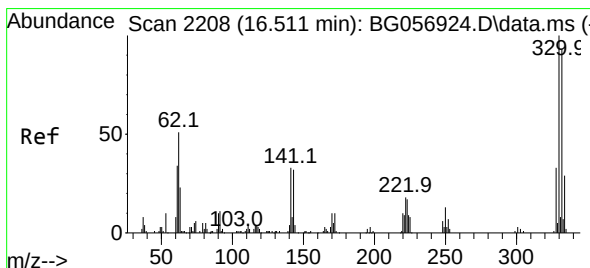
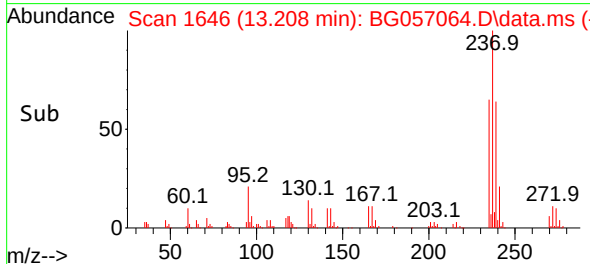
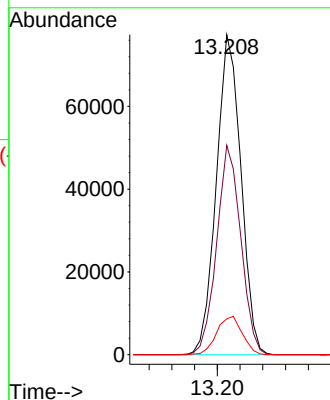
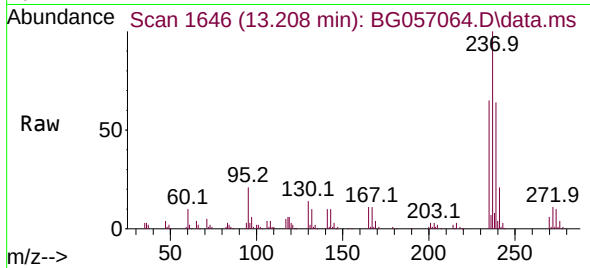
PB152062BS

Tgt Ion:237 Resp: 116540
Ion Ratio Lower Upper
237 100
235 65.4 45.9 85.9
272 11.2 0.0 32.3

Manual Integrations

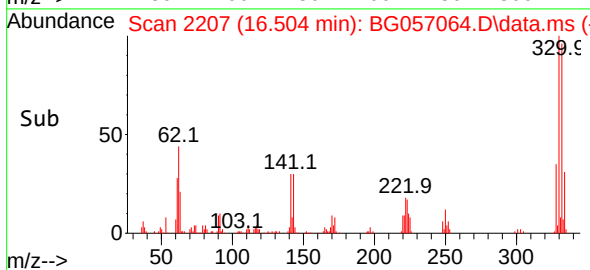
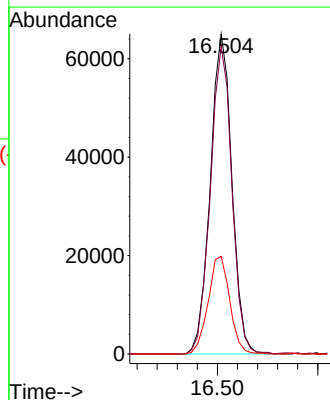
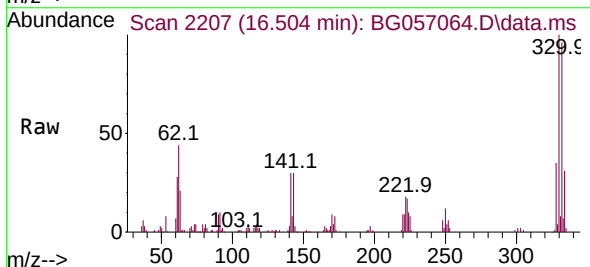
APPROVED

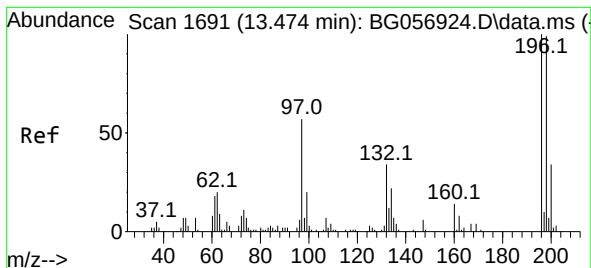
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#42
2,4,6-Tribromophenol
Concen: 110.920 ng
RT: 16.504 min Scan# 2207
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:330 Resp: 97241
Ion Ratio Lower Upper
330 100
332 95.5 76.1 114.1
141 30.5 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 44.988 ng m

RT: 13.467 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057064.D

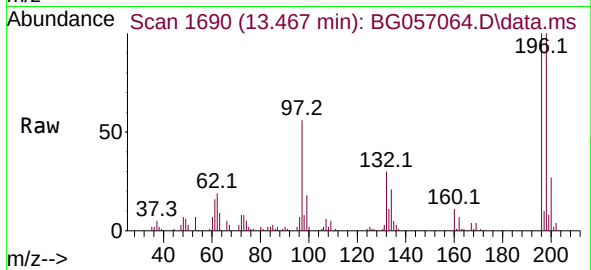
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS



Tgt Ion:196 Resp: 5463

Ion Ratio Lower Upper

196 100

198 99.9 79.1 118.7

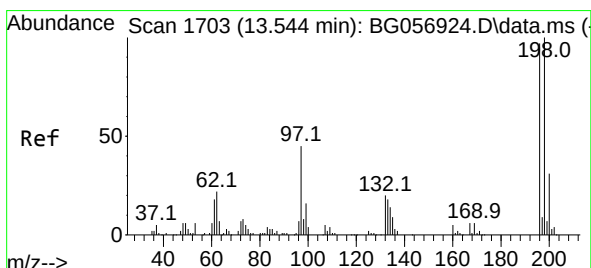
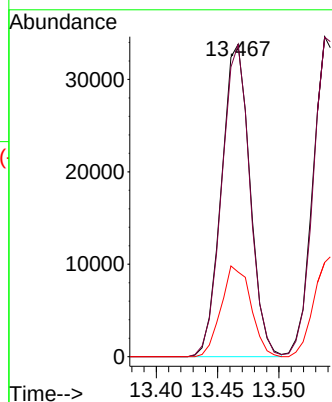
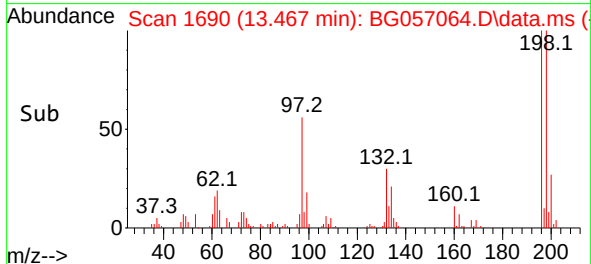
200 27.1 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#44

2,4,5-Trichlorophenol

Concen: 40.040 ng

RT: 13.537 min Scan# 1702

Delta R.T. -0.002 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Tgt Ion:196 Resp: 57602

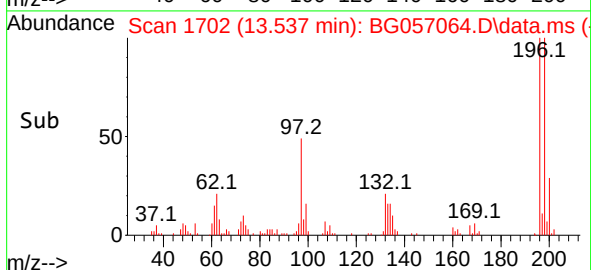
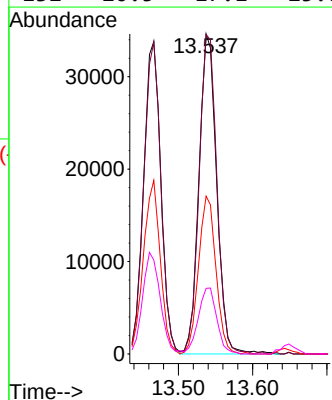
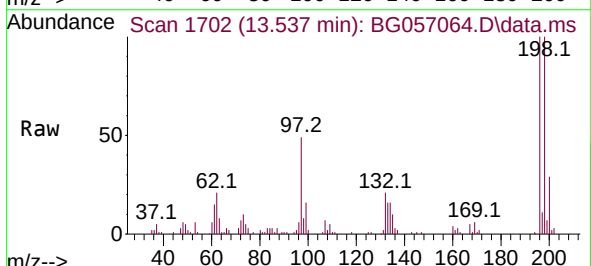
Ion Ratio Lower Upper

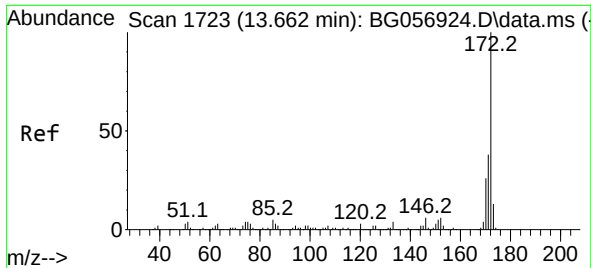
196 100

198 99.9 82.5 123.7

97 49.3 37.0 55.6

132 20.5 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 67.453 ng
RT: 13.649 min Scan# 1721
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

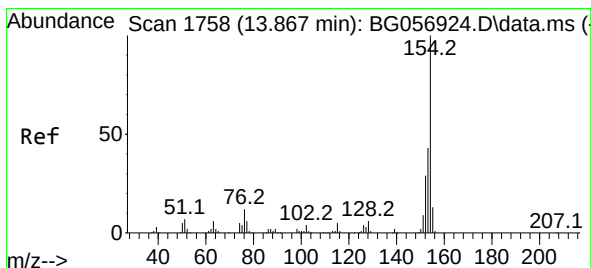
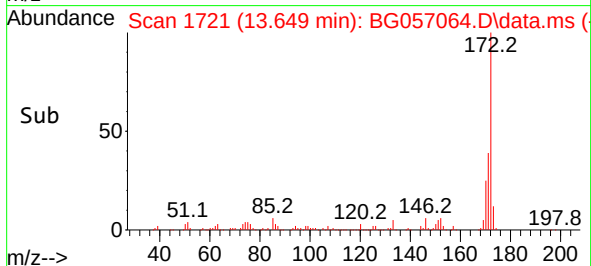
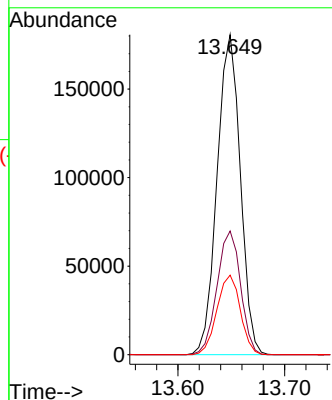
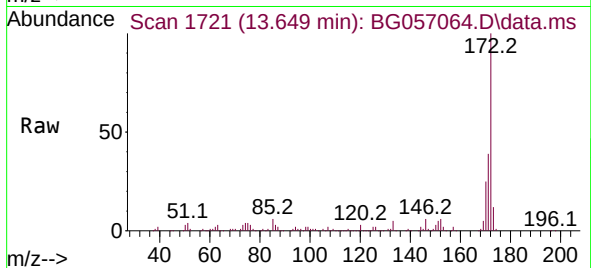
PB152062BS

Tgt Ion:172 Resp: 27297
Ion Ratio Lower Upper
172 100
171 38.6 30.6 46.0
170 24.8 20.6 30.8

Manual Integrations

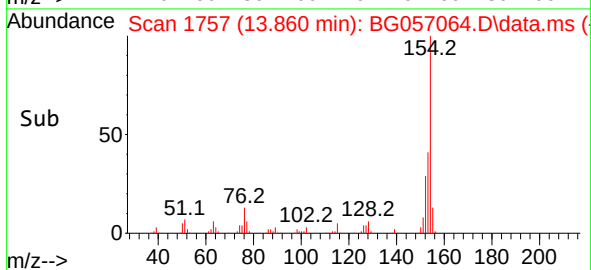
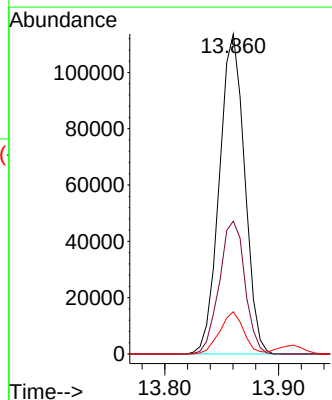
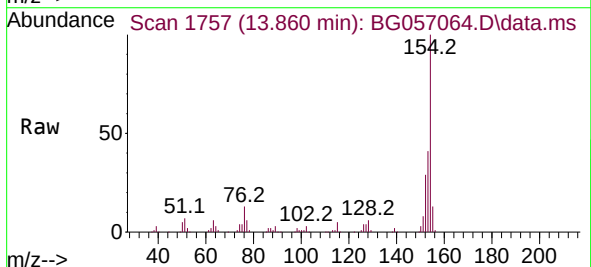
APPROVED

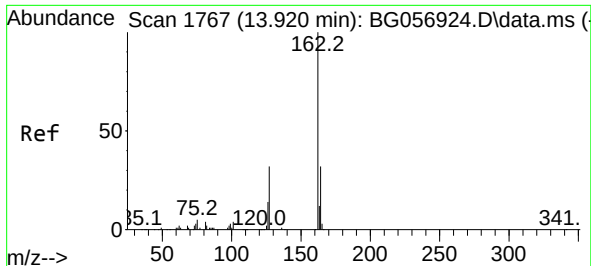
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#46
1,1'-Biphenyl
Concen: 43.588 ng
RT: 13.860 min Scan# 1757
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

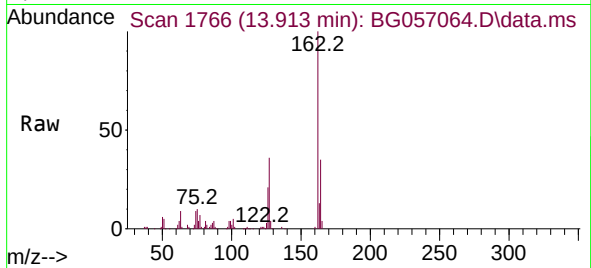
Tgt Ion:154 Resp: 175099
Ion Ratio Lower Upper
154 100
153 41.5 23.4 63.4
76 13.2 0.0 31.6





#47
2-Chloronaphthalene
Concen: 44.294 ng
RT: 13.913 min Scan# 1766
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

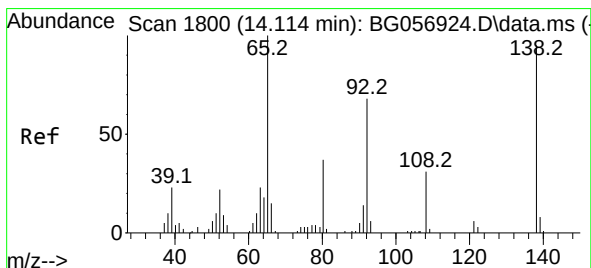
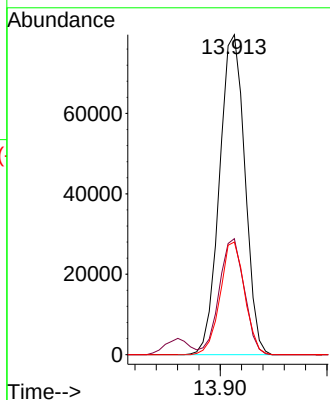
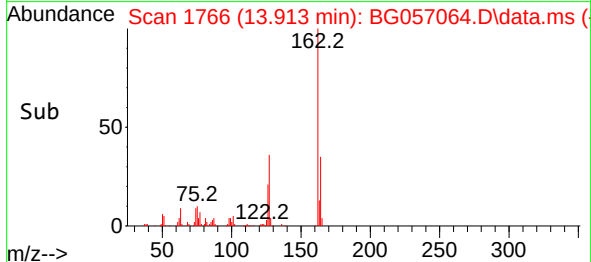
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:162 Resp: 131602
Ion Ratio Lower Upper
162 100
127 36.3 29.5 44.3
164 35.2 25.5 38.3

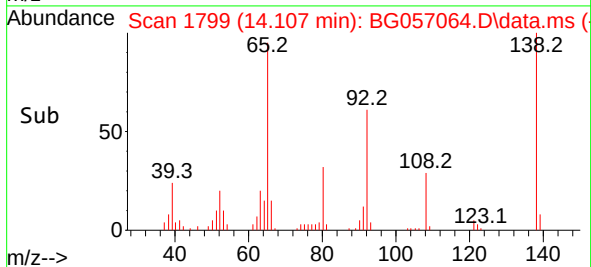
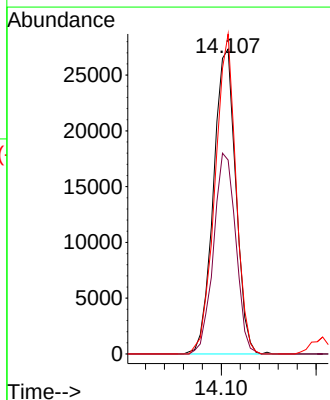
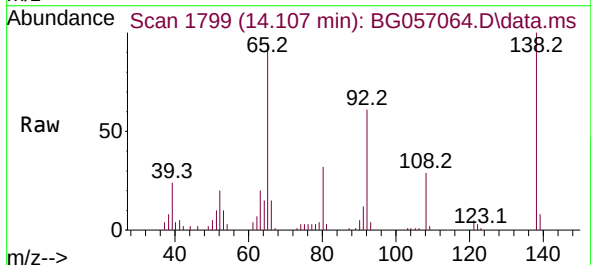
Manual Integrations
APPROVED

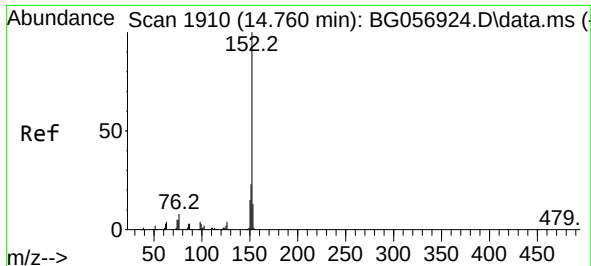
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#48
2-Nitroaniline
Concen: 42.124 ng
RT: 14.107 min Scan# 1799
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion: 65 Resp: 44751
Ion Ratio Lower Upper
65 100
92 63.6 54.3 81.5
138 104.9 76.0 114.0





#49
Acenaphthylene
Concen: 42.792 ng
RT: 14.747 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

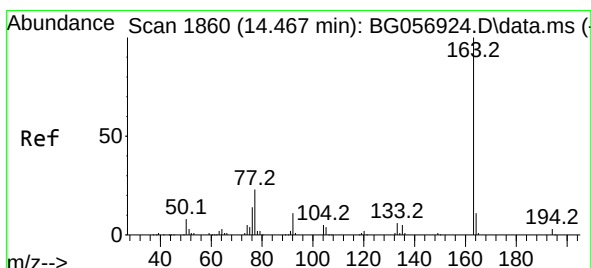
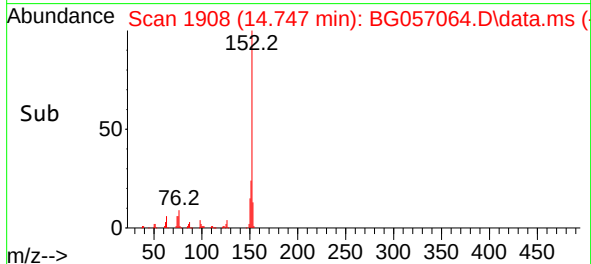
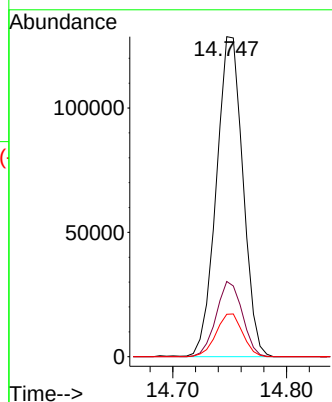
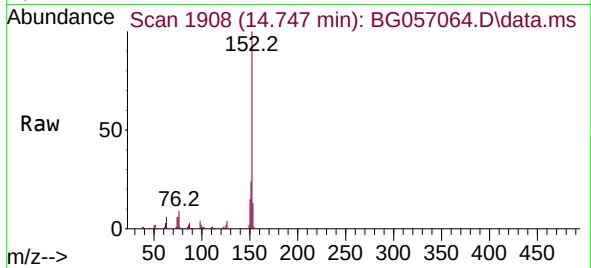
ClientSampleId :

PB152062BS

Tgt Ion:152 Resp: 208890
Ion Ratio Lower Upper
152 100
151 23.5 18.2 27.2
153 13.3 10.5 15.7

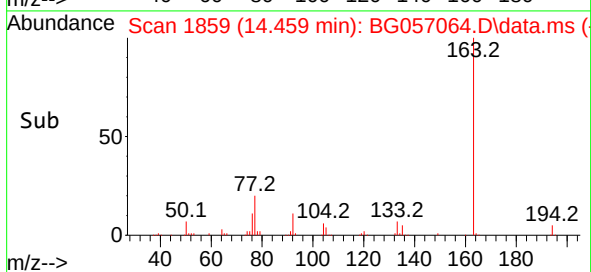
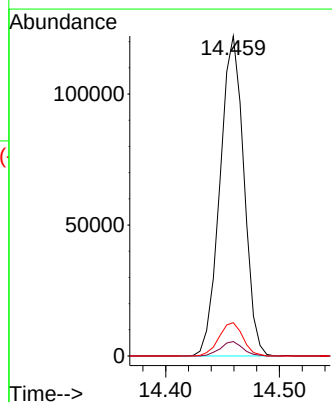
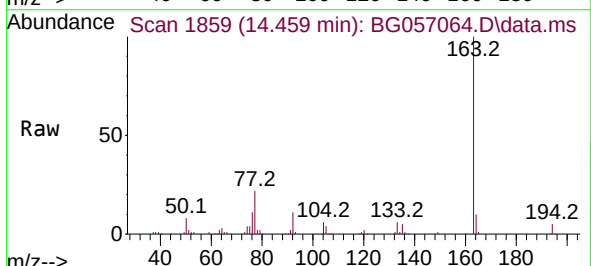
Manual Integrations
APPROVED

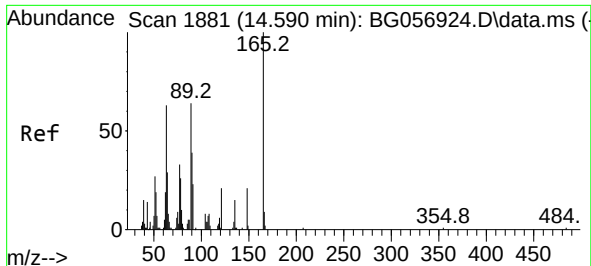
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#50
Dimethylphthalate
Concen: 41.269 ng
RT: 14.459 min Scan# 1859
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

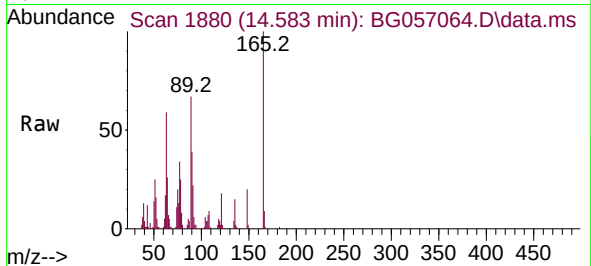
Tgt Ion:163 Resp: 178446
Ion Ratio Lower Upper
163 100
194 4.5 2.8 4.2#
164 10.4 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 43.288 ng
RT: 14.583 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

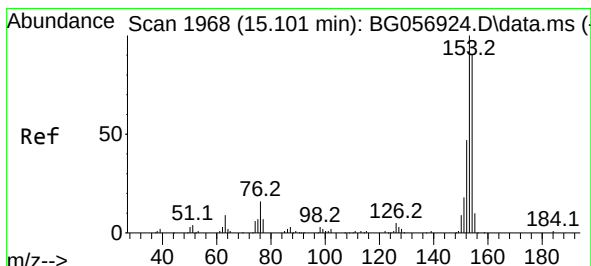
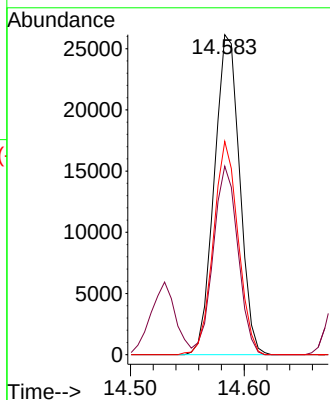
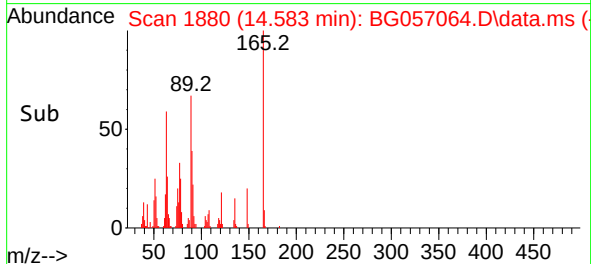
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:165 Resp: 4044
Ion Ratio Lower Upper
165 100
63 58.9 53.0 79.6
89 66.6 51.0 76.4

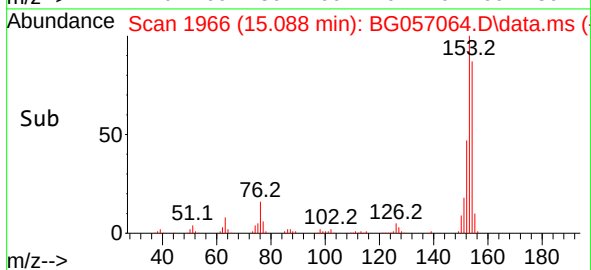
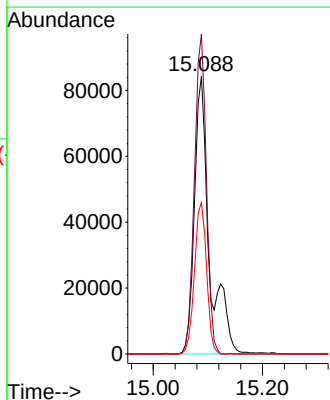
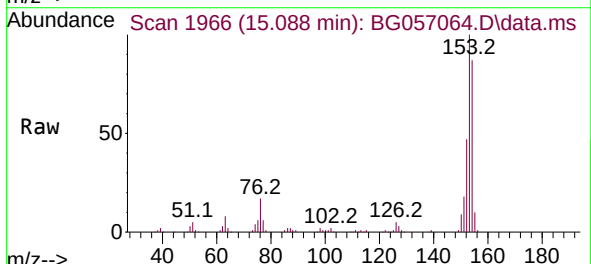
Manual Integrations
APPROVED

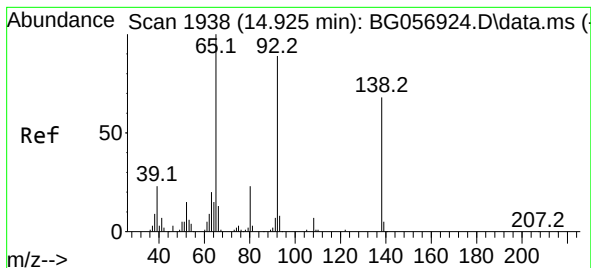
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#52
Acenaphthene
Concen: 48.206 ng m
RT: 15.088 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:154 Resp: 162293
Ion Ratio Lower Upper
154 100
153 115.3 88.9 133.3
152 54.6 41.8 62.8





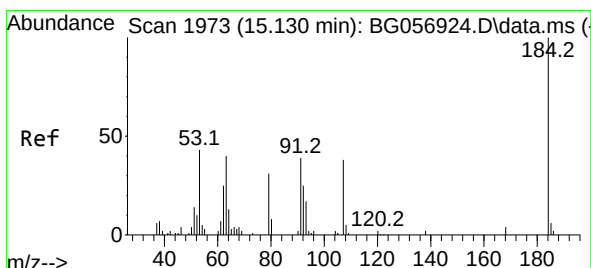
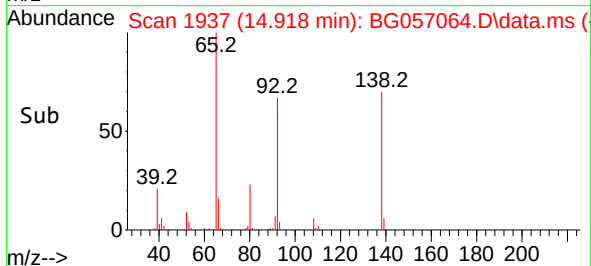
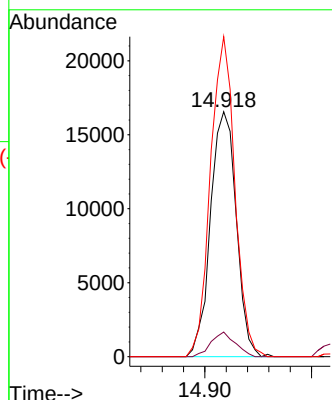
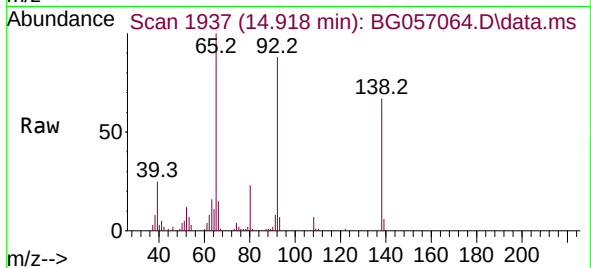
#53
3-Nitroaniline
Concen: 29.988 ng
RT: 14.918 min Scan# 1937
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:138 Resp: 27730
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 130.6 105.2 157.8

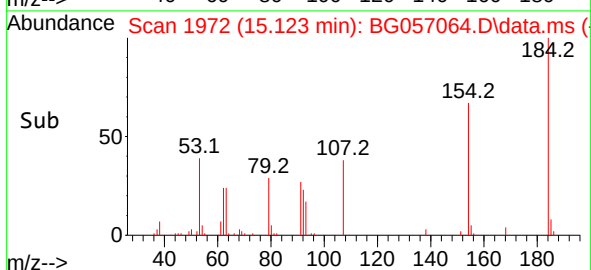
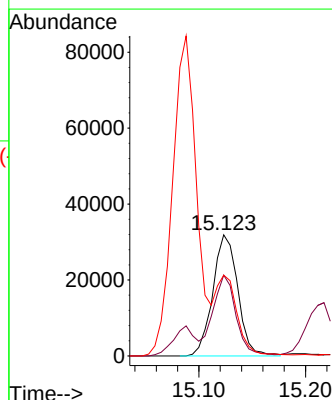
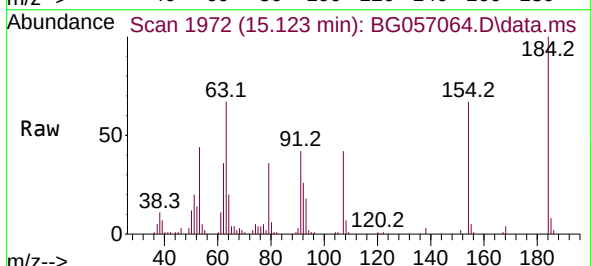
Manual Integrations
APPROVED

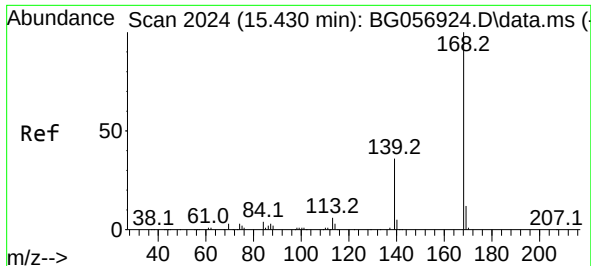
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#54
2,4-Dinitrophenol
Concen: 98.678 ng
RT: 15.123 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:184 Resp: 51889
Ion Ratio Lower Upper
184 100
63 66.8 46.5 69.7
154 66.7 53.5 80.3





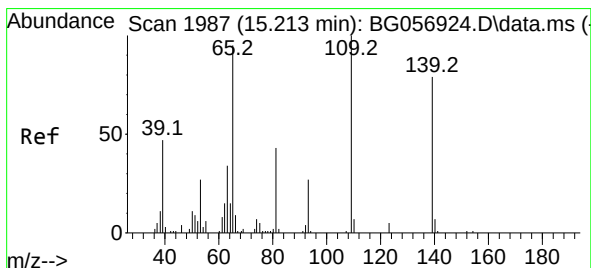
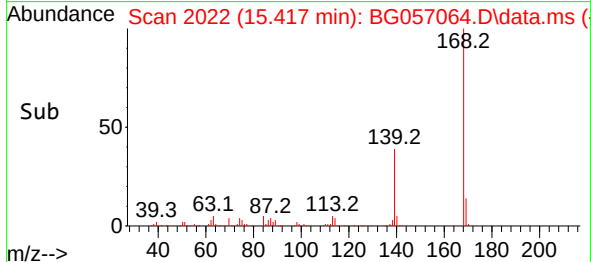
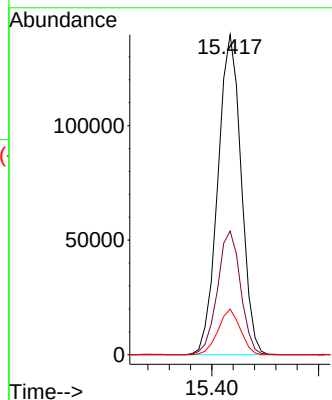
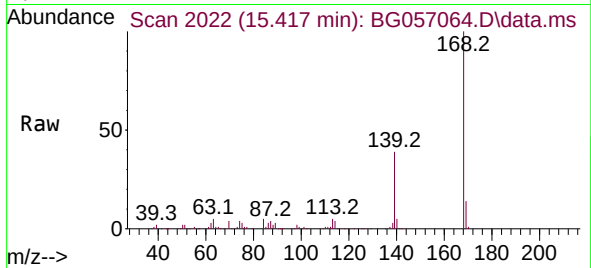
#55
Dibenzenofuran
Concen: 41.883 ng
RT: 15.417 min Scan# 20
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :
BNA_G
ClientSampleId :
PB152062BS

Tgt Ion:168 Resp: 21163
Ion Ratio Lower Upper
168 100
139 38.6 28.9 43.3
169 14.3 9.8 14.6

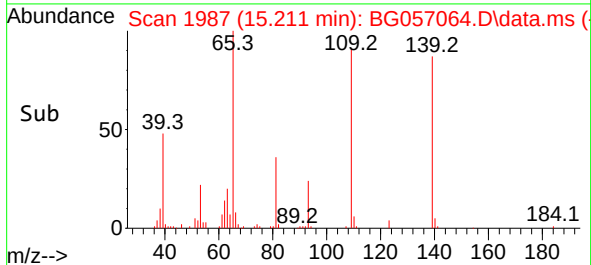
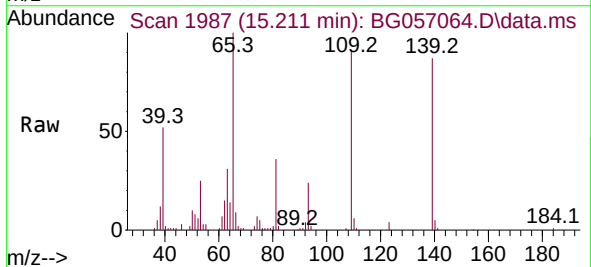
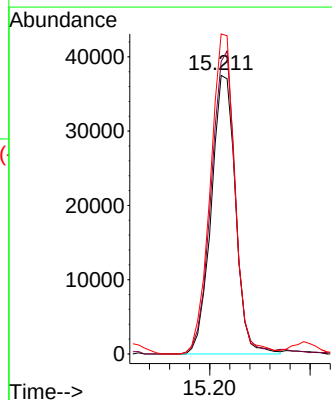
Manual Integrations
APPROVED

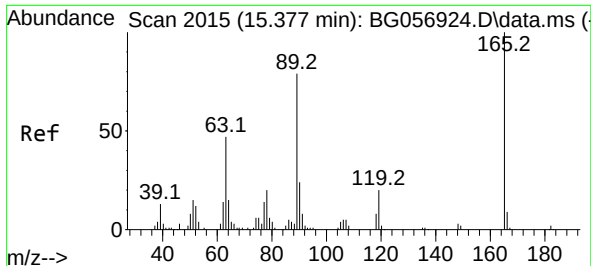
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#56
4-Nitrophenol
Concen: 92.051 ng
RT: 15.211 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:139 Resp: 62944
Ion Ratio Lower Upper
139 100
109 105.0 106.7 146.7#
65 114.8 100.5 140.5





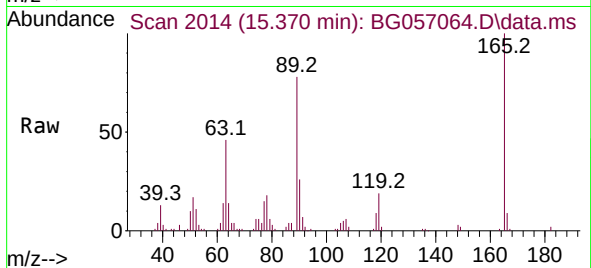
#57
2,4-Dinitrotoluene
Concen: 42.889 ng
RT: 15.370 min Scan# 2015
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

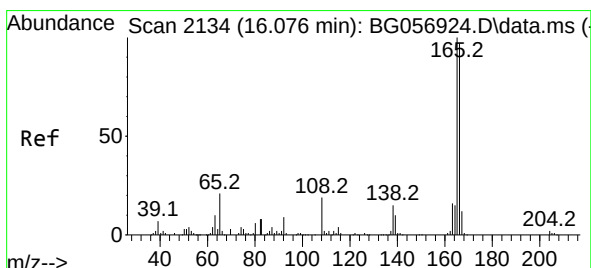
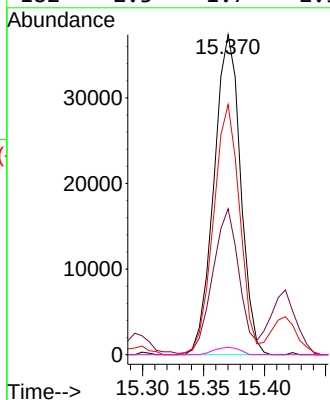
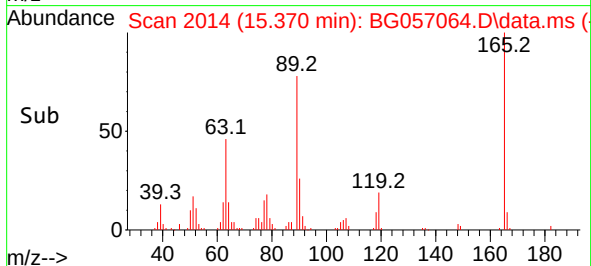


Tgt Ion:165 Resp: 5651
Ion Ratio Lower Upper
165 100
63 45.6 37.7 56.5
89 78.1 63.2 94.8
182 2.3 1.7 2.5

Manual Integrations

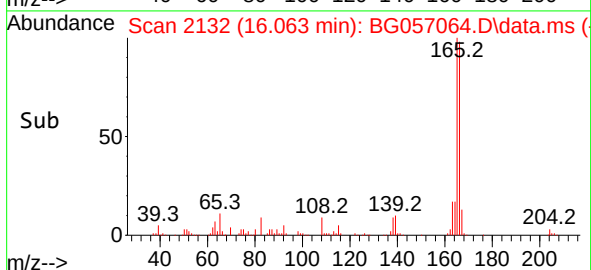
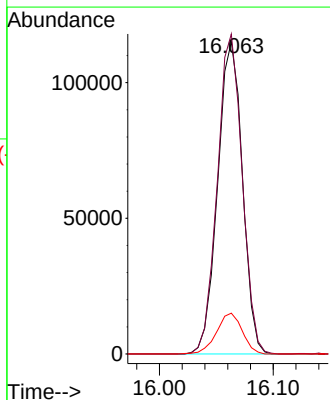
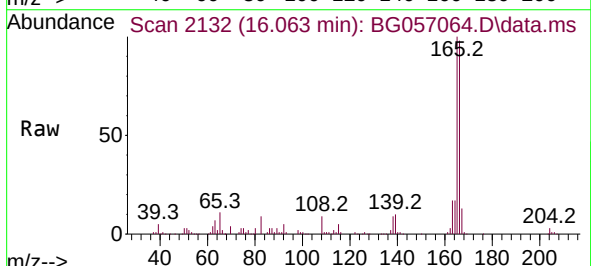
APPROVED

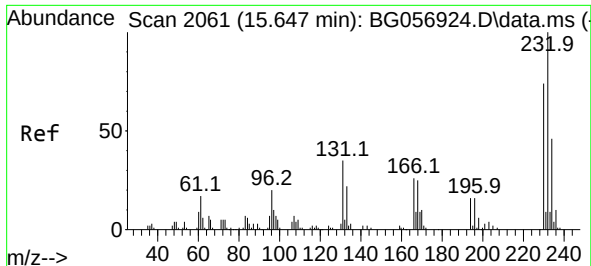
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#58
Fluorene
Concen: 41.589 ng
RT: 16.063 min Scan# 2132
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:166 Resp: 173896
Ion Ratio Lower Upper
166 100
165 102.5 82.6 123.8
167 13.1 10.2 15.2





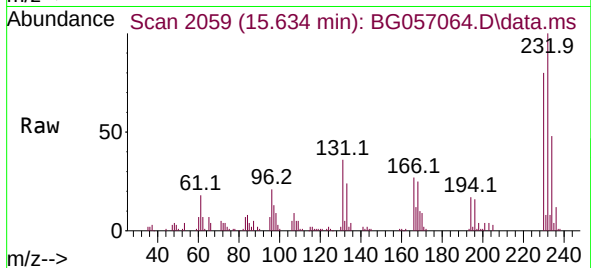
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.890 ng
RT: 15.634 min Scan# 2061
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

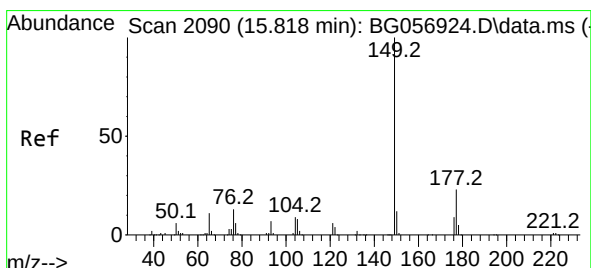
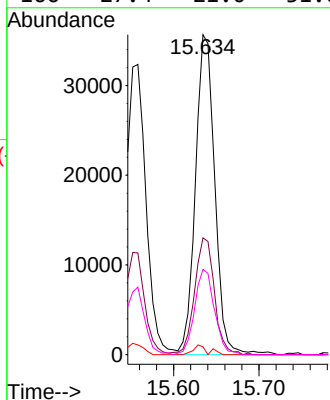
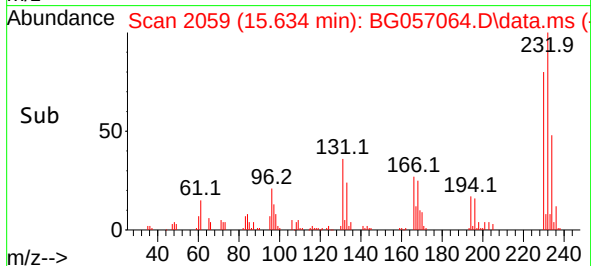


Tgt Ion:232 Resp: 56179
Ion Ratio Lower Upper
232 100
131 37.5 29.3 43.9
130 2.2 1.7 2.5
166 27.4 21.0 31.6

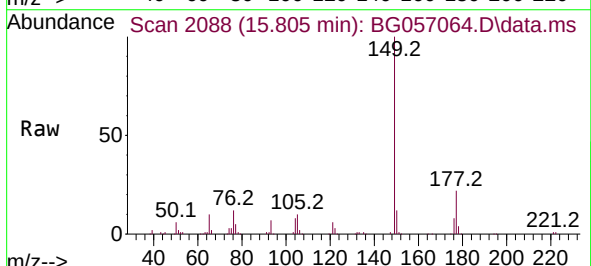
Manual Integrations

APPROVED

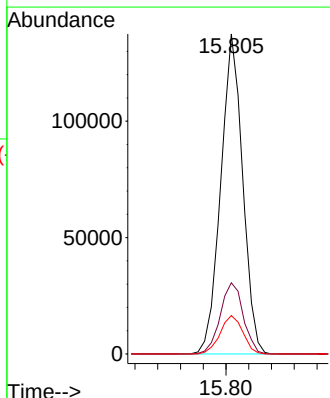
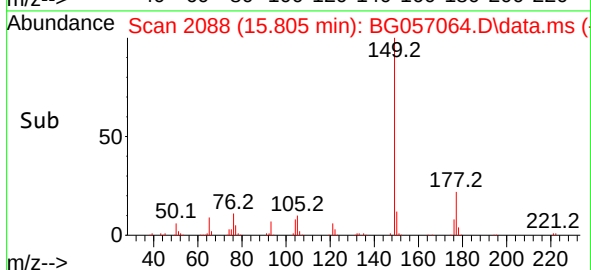
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

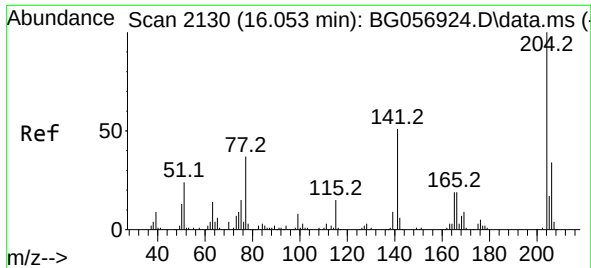


#60
Diethylphthalate
Concen: 42.344 ng
RT: 15.805 min Scan# 2088
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



Tgt Ion:149 Resp: 183550
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 12.0 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 42.033 ng
RT: 16.040 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

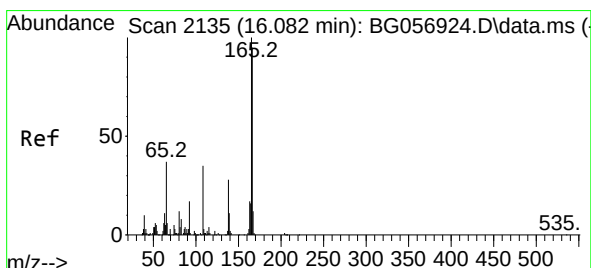
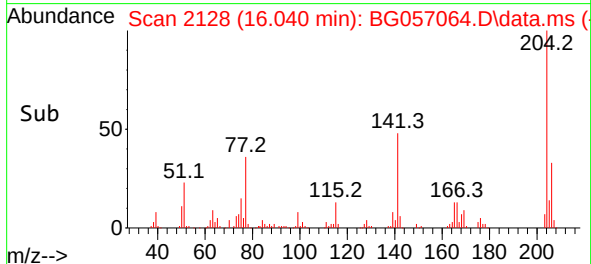
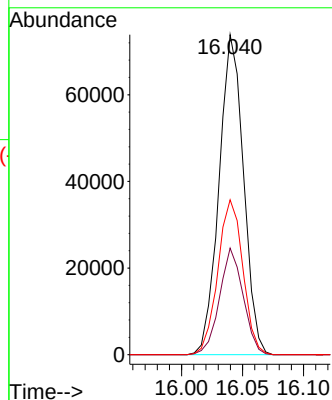
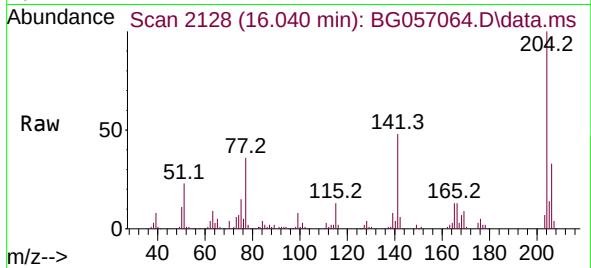
PB152062BS

Tgt Ion:204 Resp: 103190
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 48.4 40.7 61.1

Manual Integrations

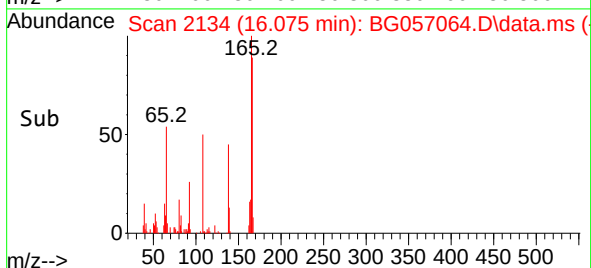
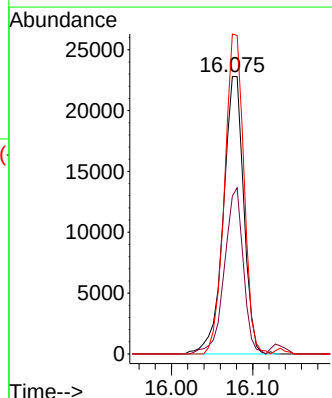
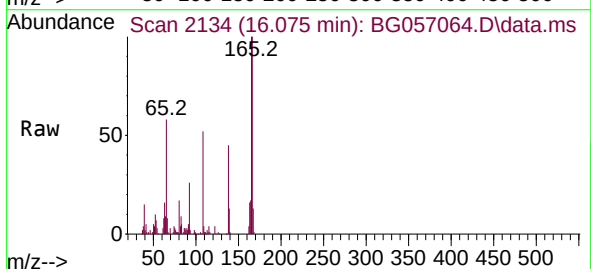
APPROVED

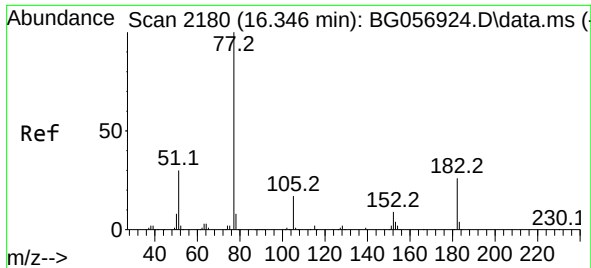
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#62
4-Nitroaniline
Concen: 41.495 ng
RT: 16.075 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

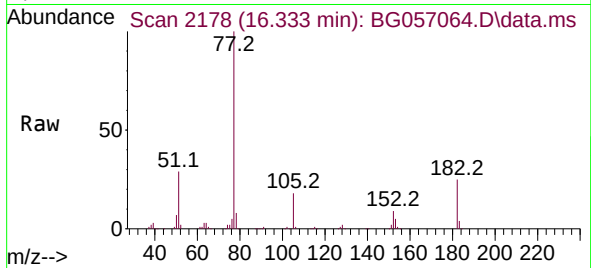
Tgt Ion:138 Resp: 39755
Ion Ratio Lower Upper
138 100
92 56.9 40.9 80.9
108 115.3 104.3 144.3





#63
Azobenzene
Concen: 41.120 ng
RT: 16.333 min Scan# 2178
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

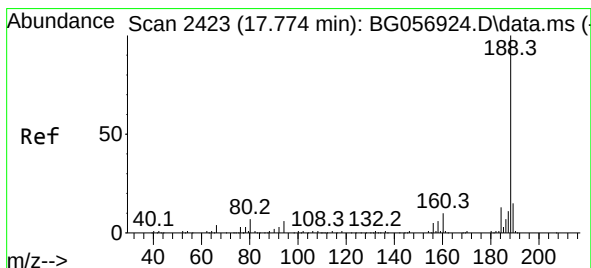
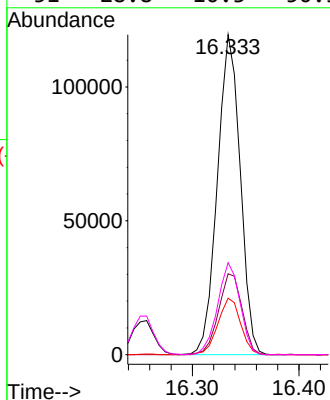
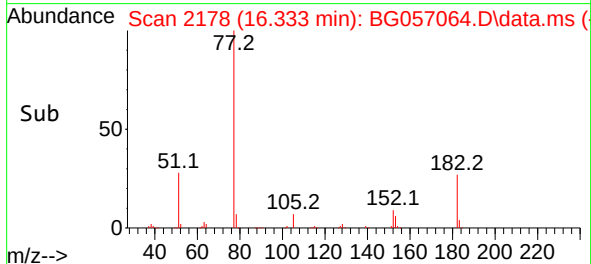
Instrument :
BNA_G
ClientSampleId :
PB152062BS



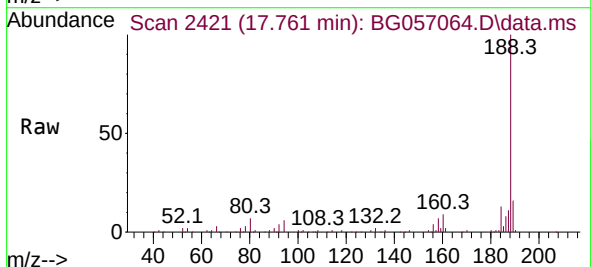
Tgt Ion: 77 Resp: 17763
Ion Ratio Lower Upper
77 100
182 25.3 5.9 45.9
105 17.7 0.0 36.8
51 28.8 10.3 50.3

Manual Integrations
APPROVED

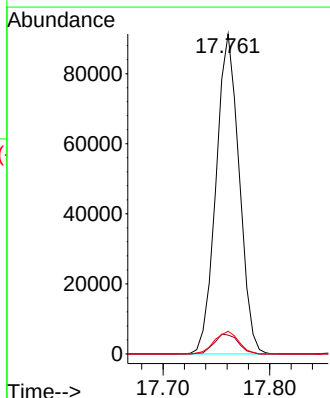
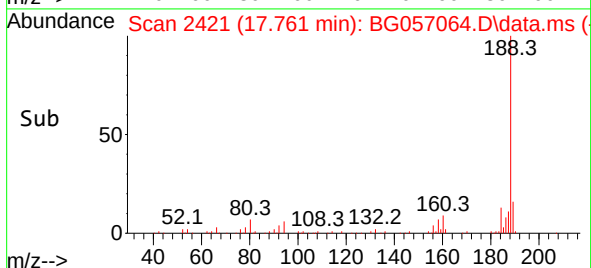
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

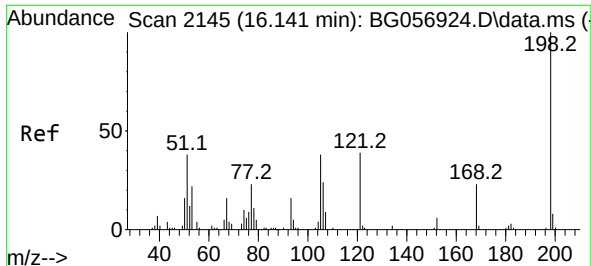


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.761 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



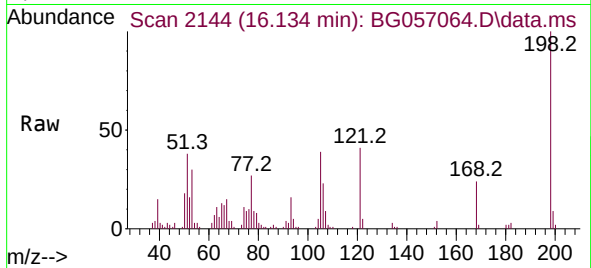
Tgt Ion:188 Resp: 137421
Ion Ratio Lower Upper
188 100
94 5.9 4.6 6.8
80 7.1 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 45.683 ng
RT: 16.134 min Scan# 2144
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

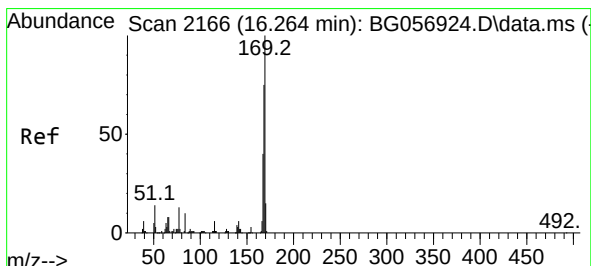
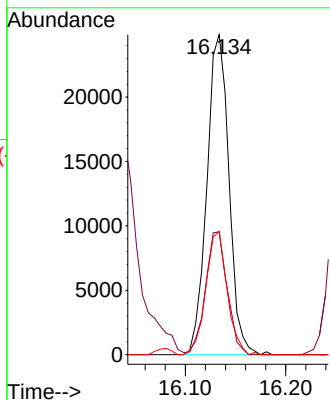
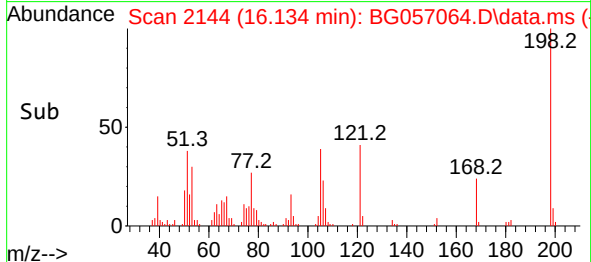
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:198 Resp: 3802
Ion Ratio Lower Upper
198 100
51 38.4 20.5 60.5
105 38.6 18.1 58.1

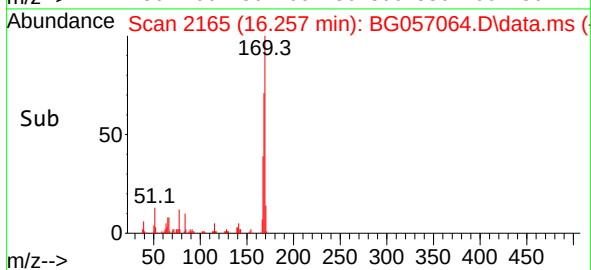
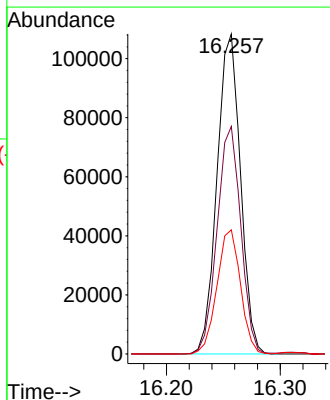
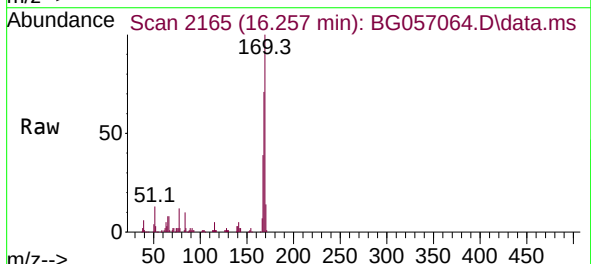
Manual Integrations
APPROVED

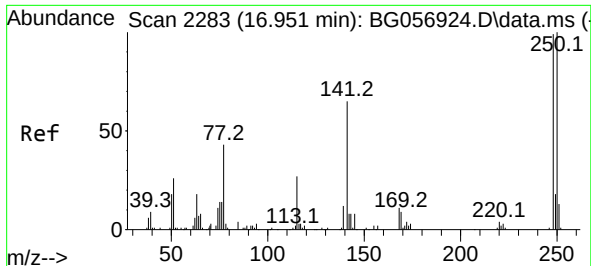
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#66
n-Nitrosodiphenylamine
Concen: 42.108 ng
RT: 16.257 min Scan# 2165
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:169 Resp: 155336
Ion Ratio Lower Upper
169 100
168 71.1 59.6 89.4
167 38.8 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 40.230 ng
RT: 16.938 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

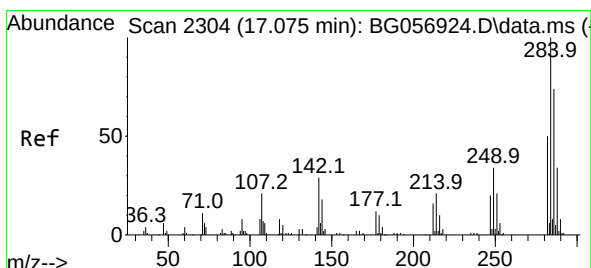
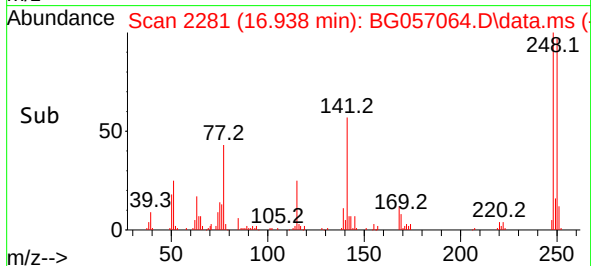
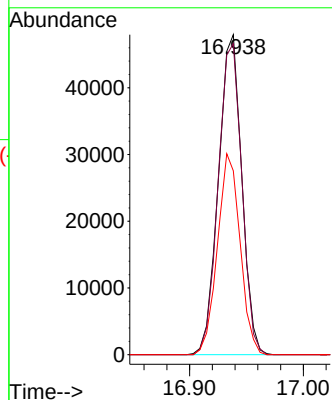
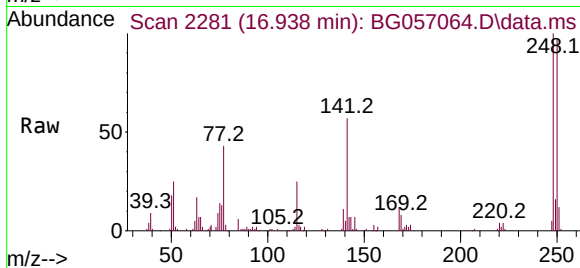
PB152062BS

Tgt Ion:248 Resp: 68404
Ion Ratio Lower Upper
248 100
250 97.2 80.5 120.7
141 57.4 52.0 78.0

Manual Integrations

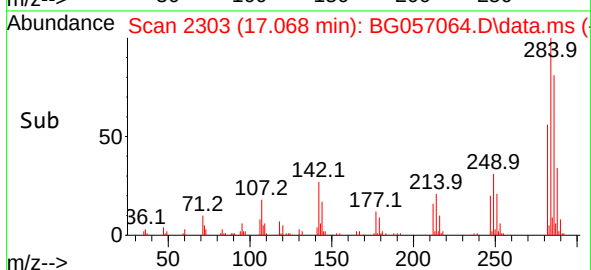
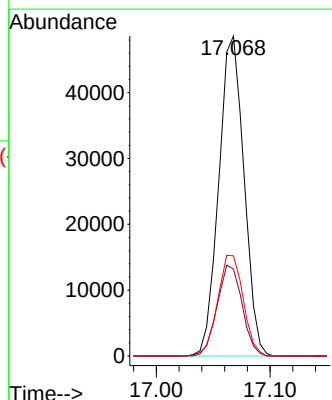
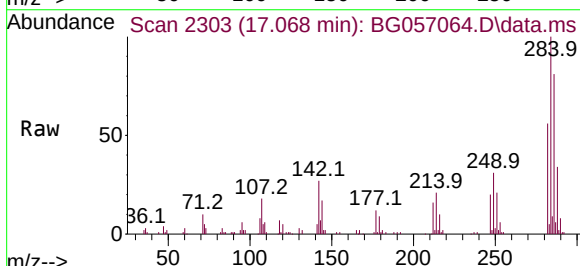
APPROVED

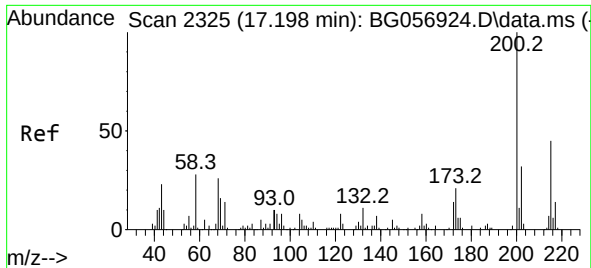
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#68
Hexachlorobenzene
Concen: 44.451 ng
RT: 17.068 min Scan# 2303
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:284 Resp: 74724
Ion Ratio Lower Upper
284 100
142 27.2 23.0 34.4
249 31.3 27.1 40.7





#69
 Atrazine
 Concen: 43.628 ng
 RT: 17.185 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

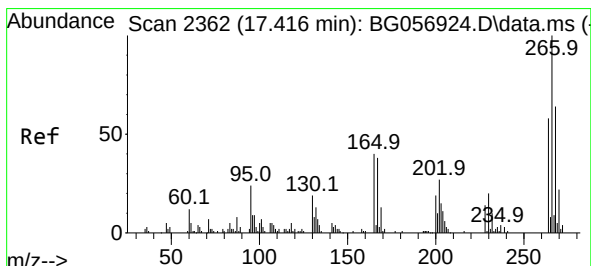
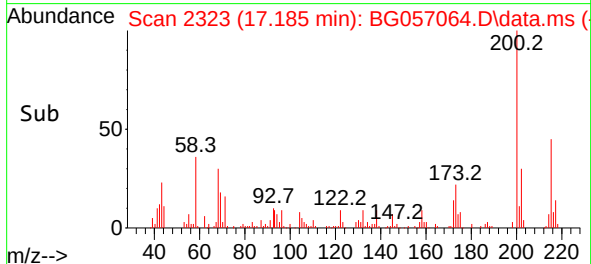
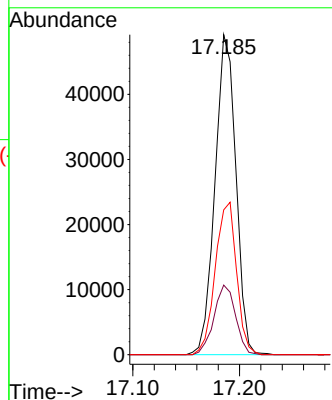
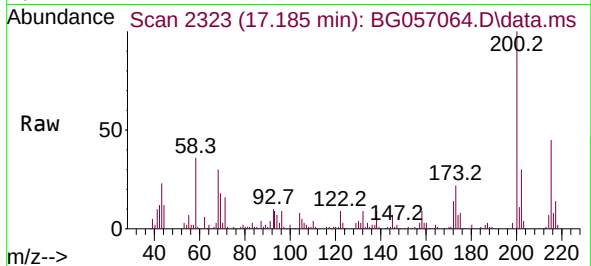
PB152062BS

Tgt Ion:200 Resp: 66808
 Ion Ratio Lower Upper
 200 100
 173 21.7 1.0 41.0
 215 45.3 25.0 65.0

Manual Integrations

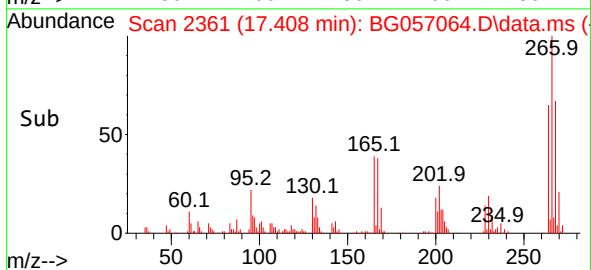
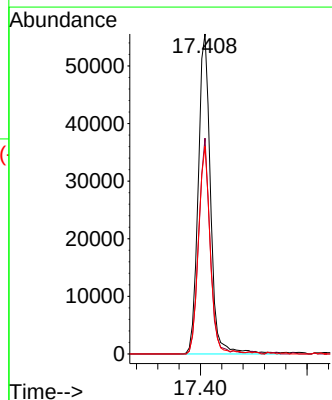
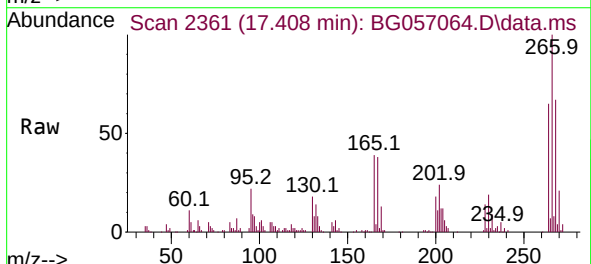
APPROVED

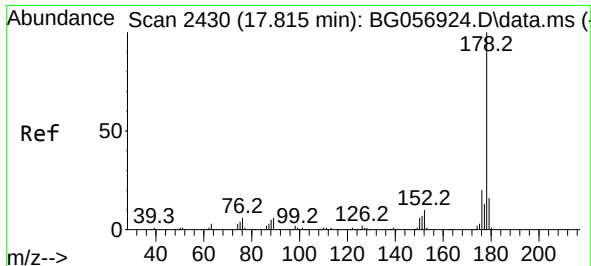
Reviewed By :Christian Giraldo 04/13/2023
 Supervised By :Jagrut Upadhyay 04/13/2023



#70
 Pentachlorophenol
 Concen: 73.845 ng
 RT: 17.408 min Scan# 2361
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

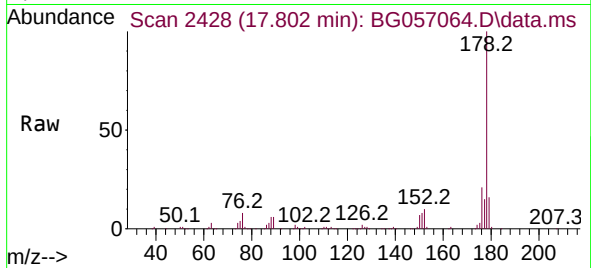
Tgt Ion:266 Resp: 89058
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.0 76.6
 264 64.9 46.8 70.2





#71
Phenanthrene
Concen: 41.612 ng
RT: 17.802 min Scan# 2428
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

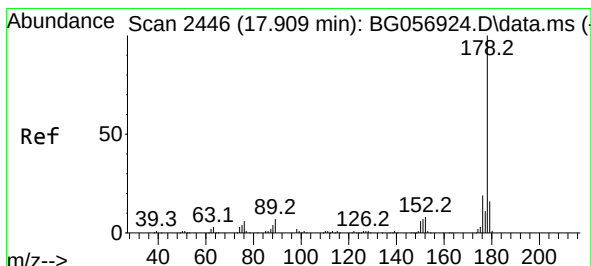
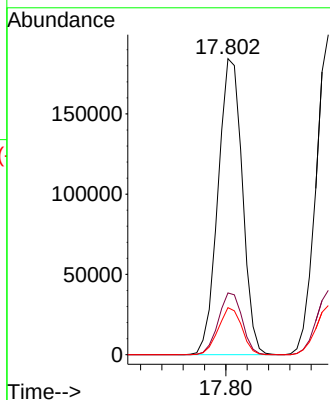
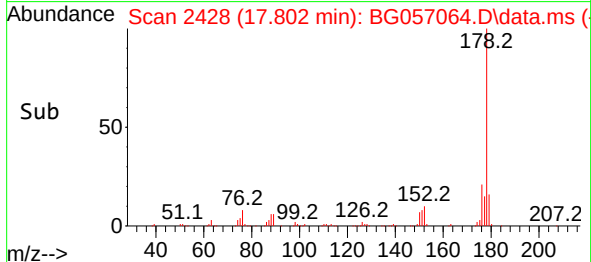
Instrument :
BNA_G
ClientSampleId :
PB152062BS



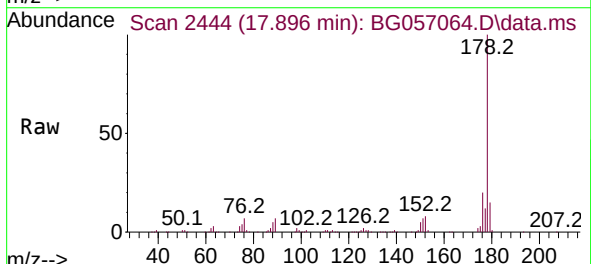
Tgt Ion:178 Resp: 291549
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.2
179 15.9 12.5 18.7

Manual Integrations
APPROVED

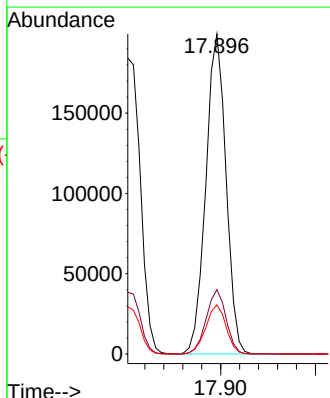
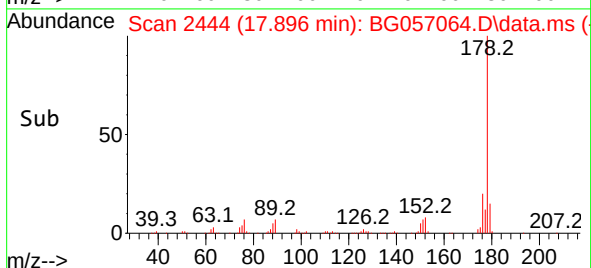
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

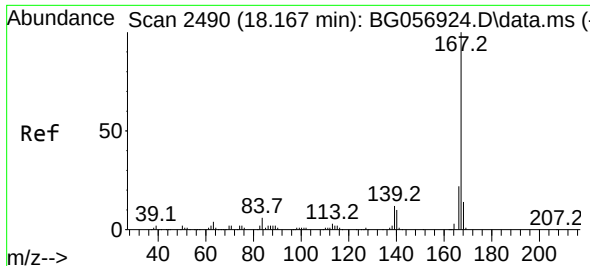


#72
Anthracene
Concen: 41.012 ng
RT: 17.896 min Scan# 2444
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



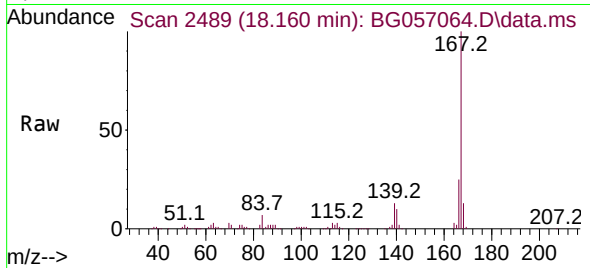
Tgt Ion:178 Resp: 294568
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 42.494 ng
 RT: 18.160 min Scan# 2490
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

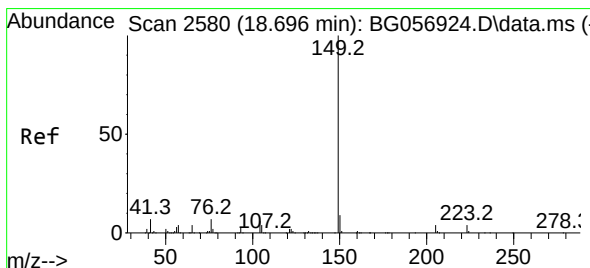
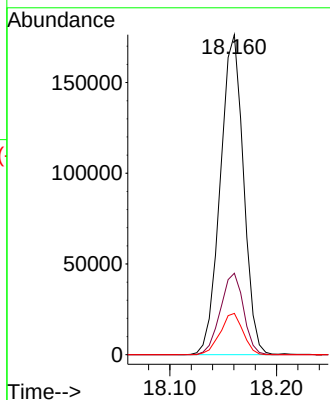
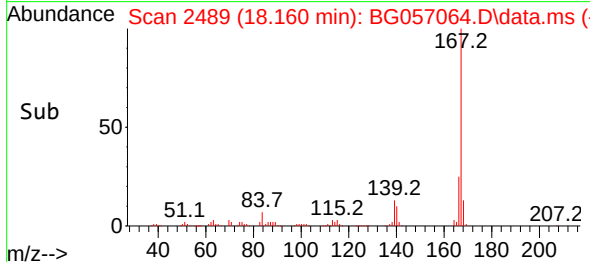
Instrument :
 BNA_G
 ClientSampleId :
 PB152062BS



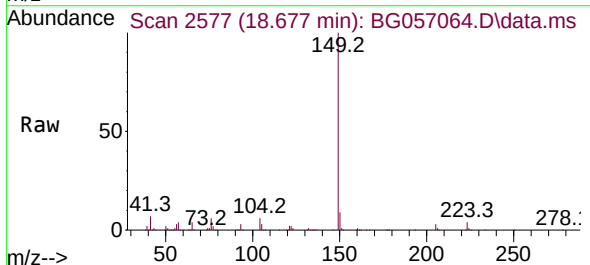
Tgt Ion:167 Resp: 26610
 Ion Ratio Lower Upper
 167 100
 166 25.4 17.9 26.9
 139 12.9 9.5 14.3

Manual Integrations
 APPROVED

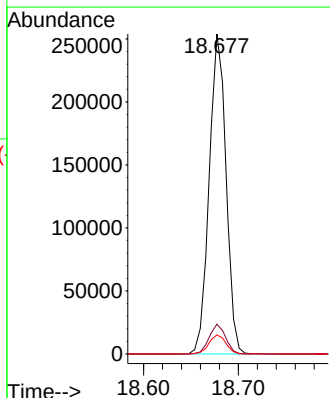
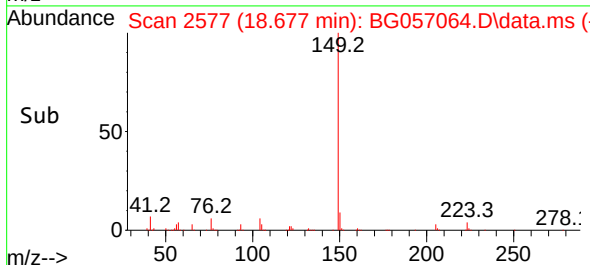
Reviewed By :Christian Giraldo 04/13/2023
 Supervised By :Jagrut Upadhyay 04/13/2023

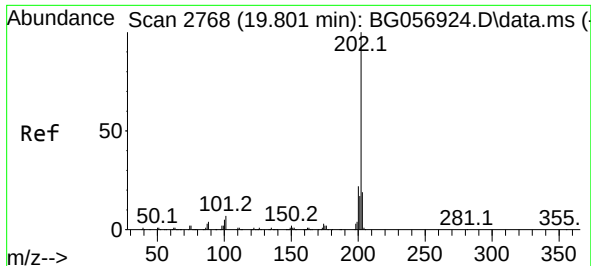


#74
 Di-n-butylphthalate
 Concen: 43.129 ng
 RT: 18.677 min Scan# 2577
 Delta R.T. -0.002 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54



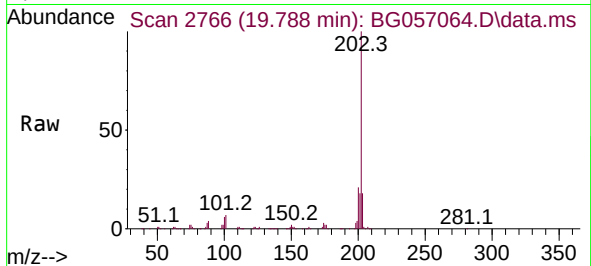
Tgt Ion:149 Resp: 312747
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.0 4.9 7.3





#75
Fluoranthene
Concen: 40.028 ng
RT: 19.788 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

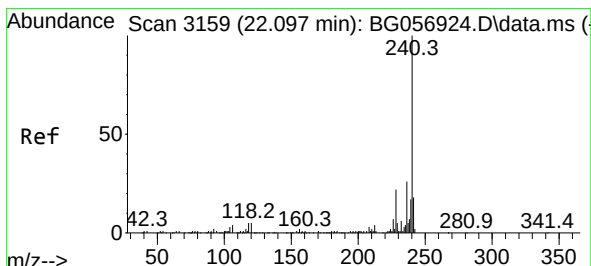
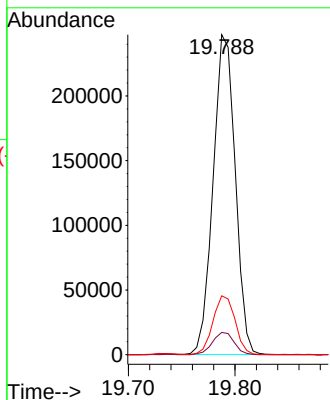
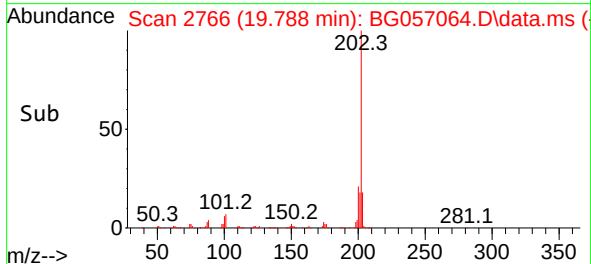
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:202 Resp: 355514
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.7
203 18.4 0.0 39.0

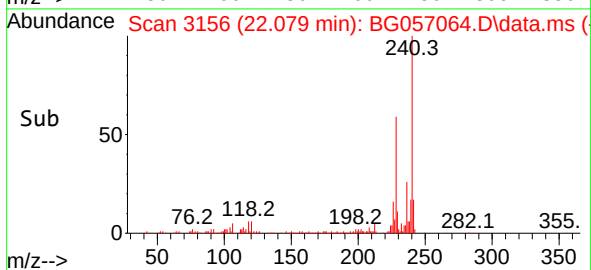
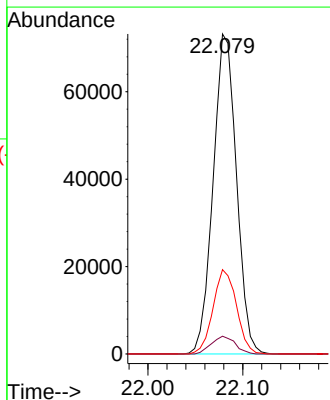
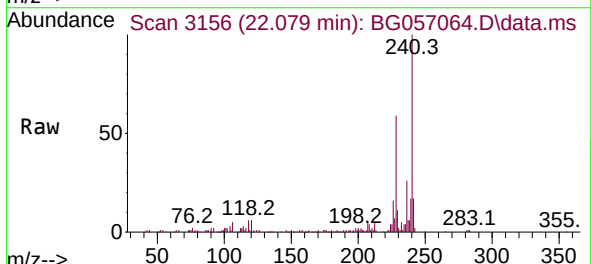
Manual Integrations
APPROVED

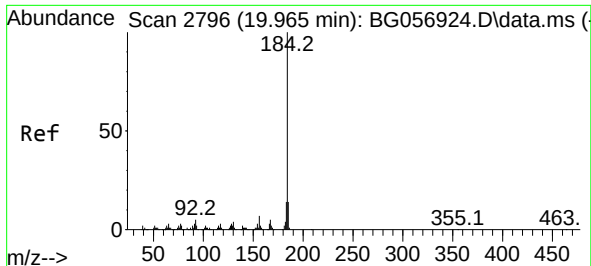
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.079 min Scan# 3156
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:240 Resp: 125212
Ion Ratio Lower Upper
240 100
120 5.5 3.8 5.6
236 26.3 21.0 31.6





#77
Benzidine
Concen: 47.583 ng
RT: 19.952 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

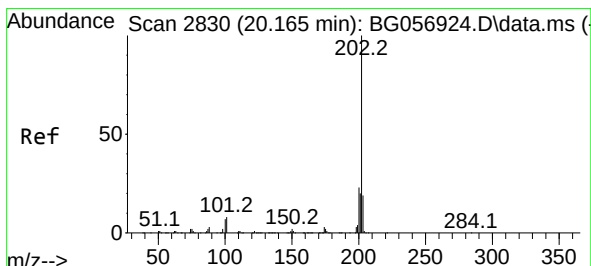
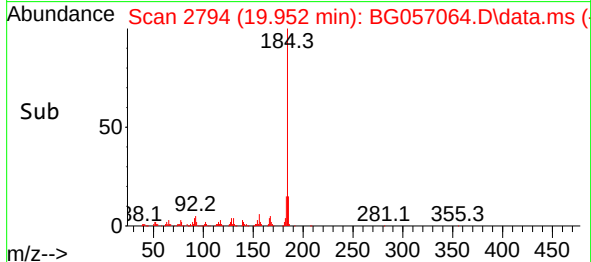
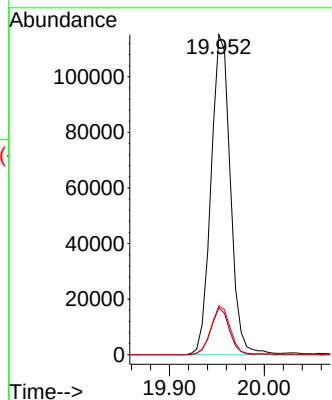
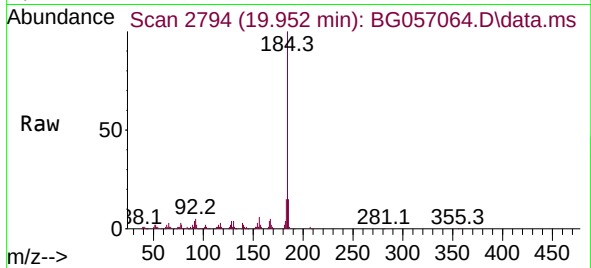
PB152062BS

Tgt Ion:184 Resp: 162849
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.4
183 15.2 11.4 17.0

Manual Integrations

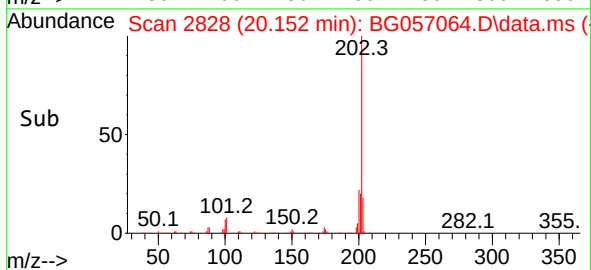
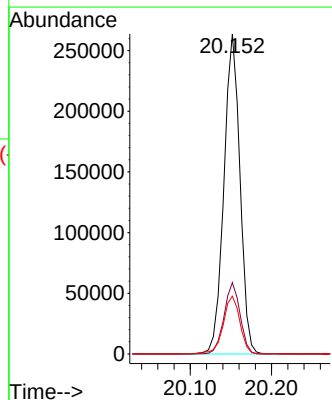
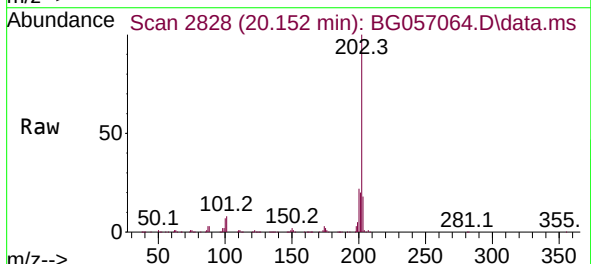
APPROVED

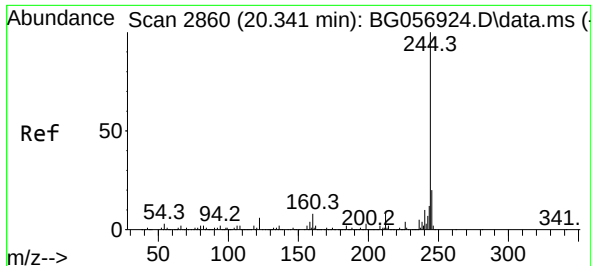
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#78
Pyrene
Concen: 41.796 ng
RT: 20.152 min Scan# 2828
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:202 Resp: 361965
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.1 15.4 23.2





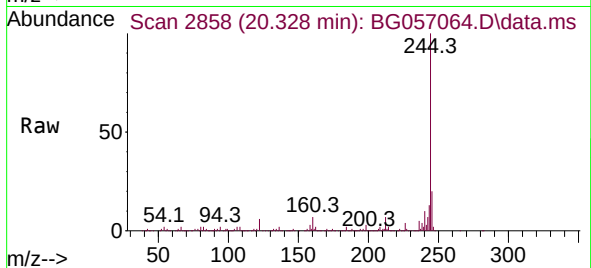
#79
 Terphenyl-d14
 Concen: 69.248 ng
 RT: 20.328 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

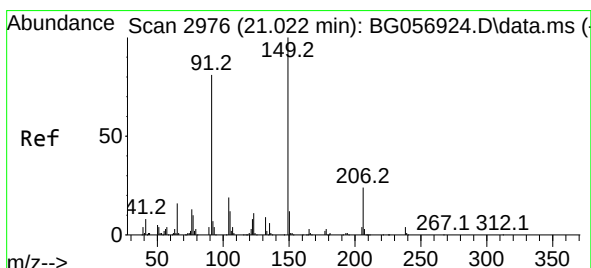
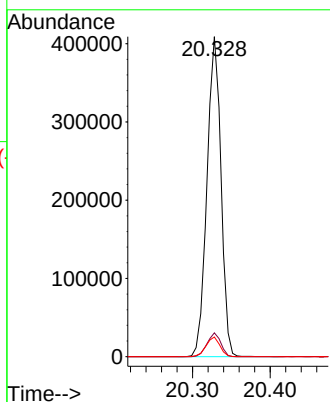
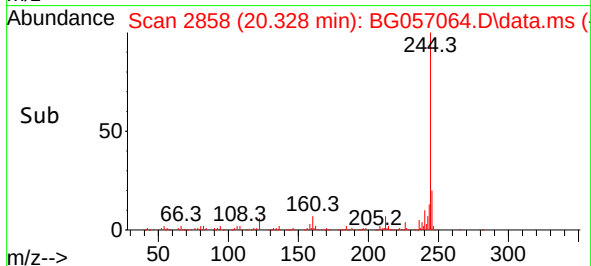


Tgt Ion:244 Resp: 512404
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.2 5.0 7.4

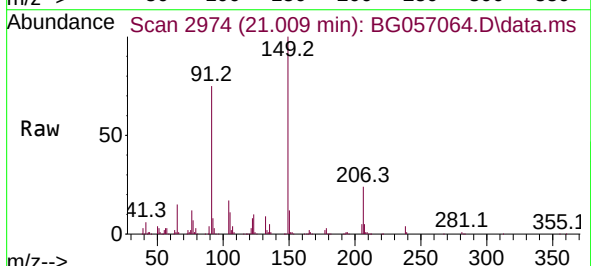
Manual Integrations

APPROVED

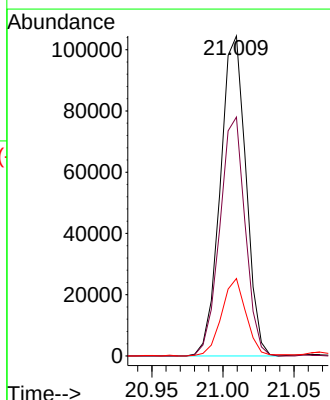
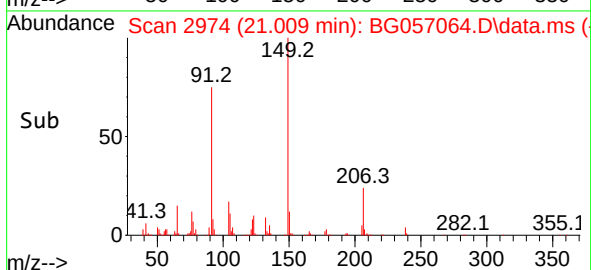
Reviewed By :Christian Giraldo 04/13/2023
 Supervised By :Jagrut Upadhyay 04/13/2023

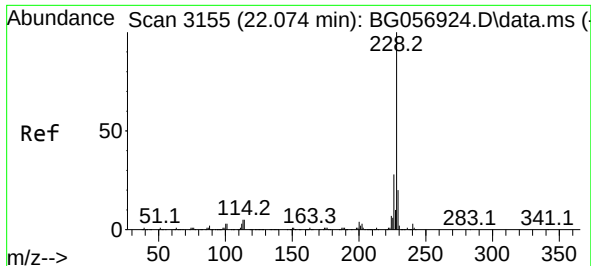


#80
 Butylbenzylphthalate
 Concen: 44.008 ng
 RT: 21.009 min Scan# 2974
 Delta R.T. 0.004 min
 Lab File: BG057064.D
 Acq: 12 Apr 2023 14:54



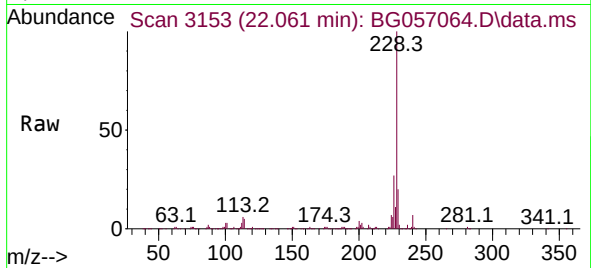
Tgt Ion:149 Resp: 131151
 Ion Ratio Lower Upper
 149 100
 91 74.7 64.4 96.6
 206 24.2 18.9 28.3





#81
Benzo(a)anthracene
Concen: 40.958 ng
RT: 22.061 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

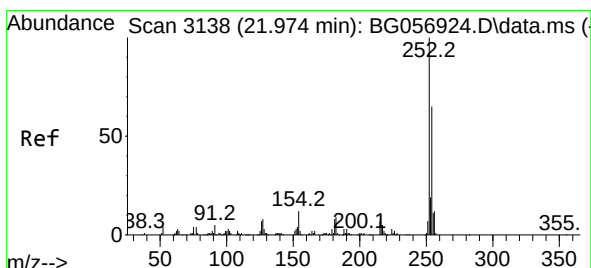
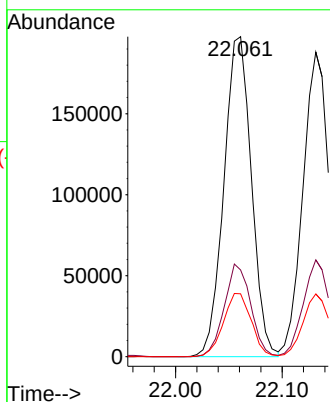
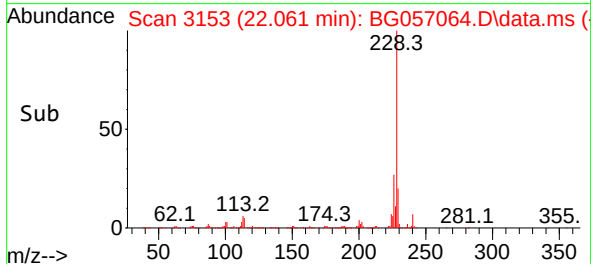
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:228 Resp: 354889
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.7 16.1 24.1

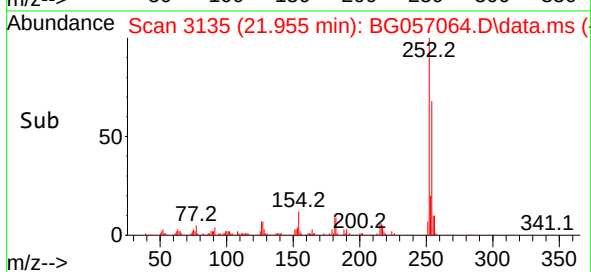
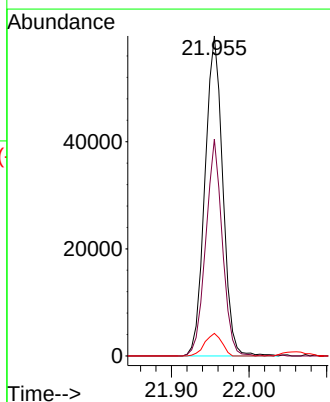
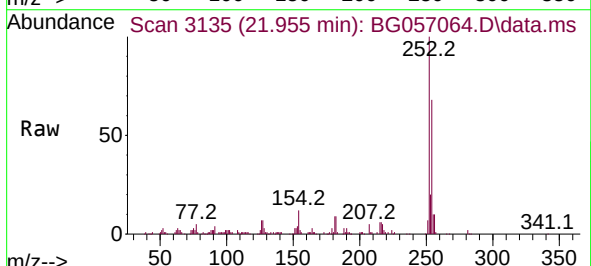
Manual Integrations
APPROVED

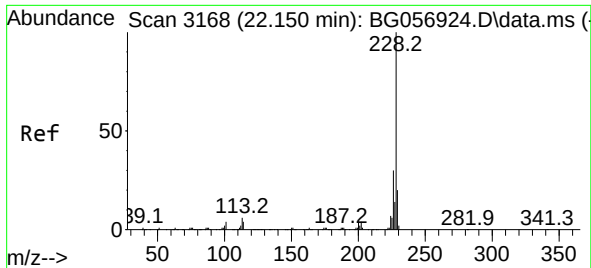
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.705 ng
RT: 21.955 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

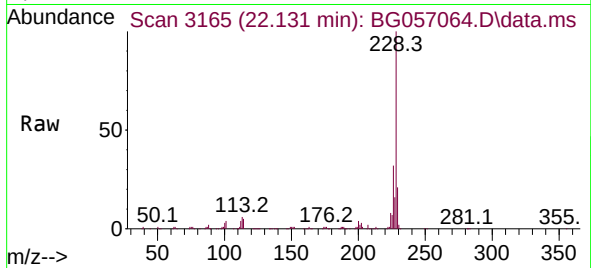
Tgt Ion:252 Resp: 95691
Ion Ratio Lower Upper
252 100
254 67.8 51.7 77.5
126 7.1 5.6 8.4





#83
Chrysene
Concen: 39.745 ng
RT: 22.131 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

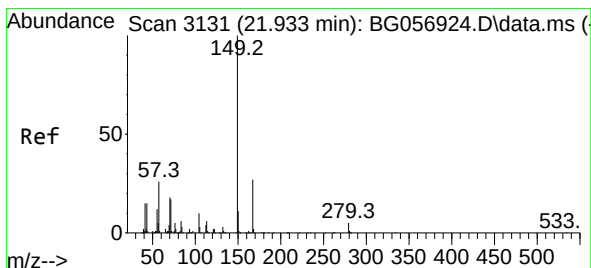
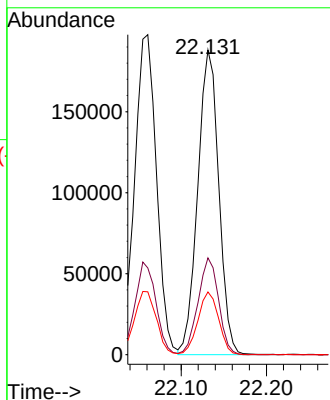
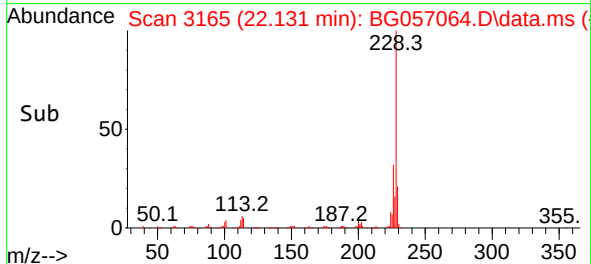
Instrument :
BNA_G
ClientSampleId :
PB152062BS



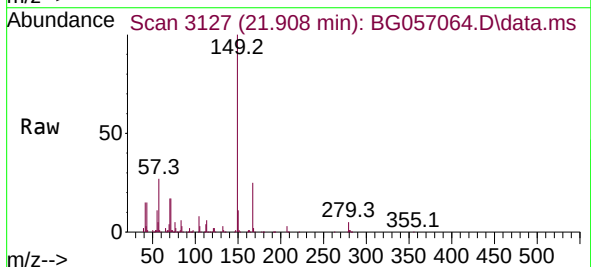
Tgt Ion:228 Resp: 322449
Ion Ratio Lower Upper
228 100
226 31.8 24.1 36.1
229 20.6 15.6 23.4

Manual Integrations
APPROVED

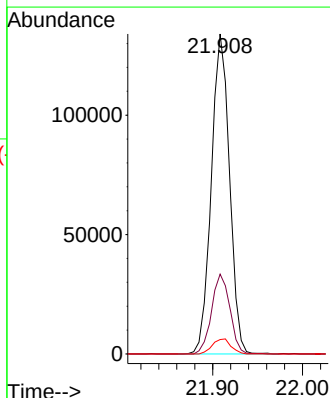
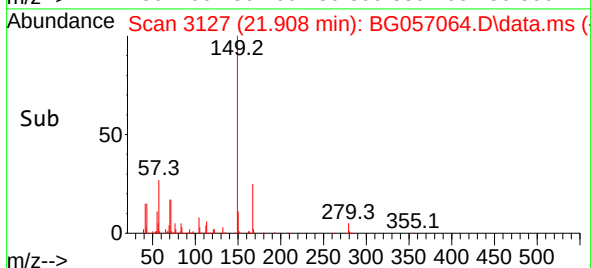
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

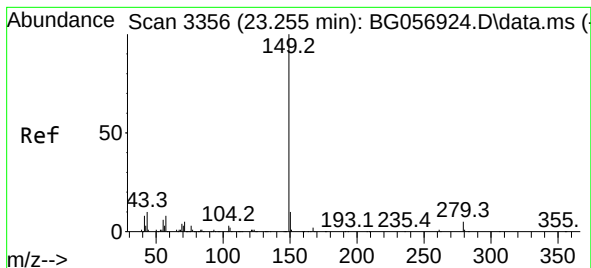


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.664 ng
RT: 21.908 min Scan# 3127
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54



Tgt Ion:149 Resp: 188427
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.444 ng

RT: 23.224 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

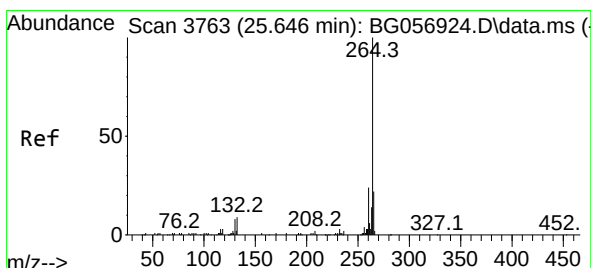
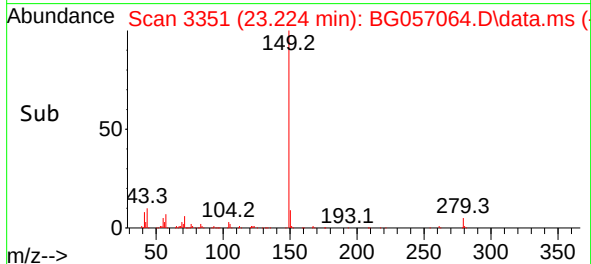
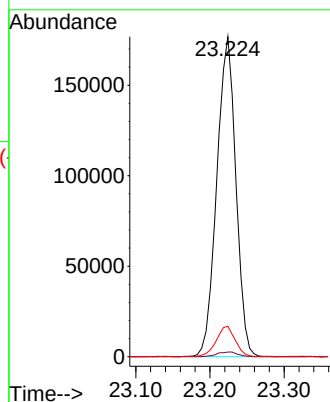
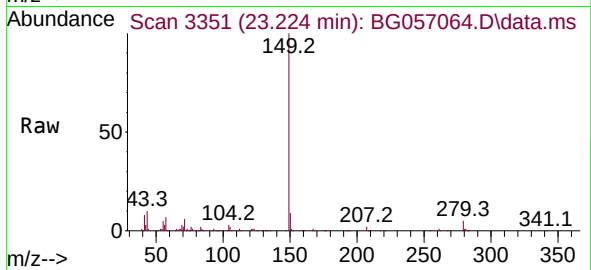
PB152062BS

Tgt Ion:149 Resp: 315934
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023
 Supervised By :Jagrut Upadhyay 04/13/2023



#86

Perylene-d12

Concen: 20.000 ng

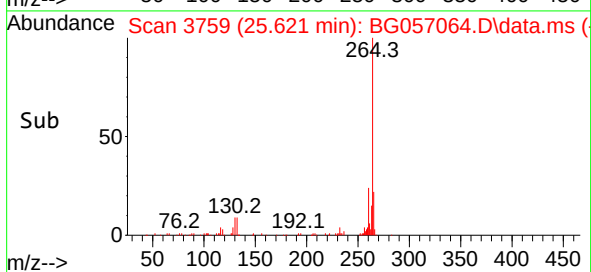
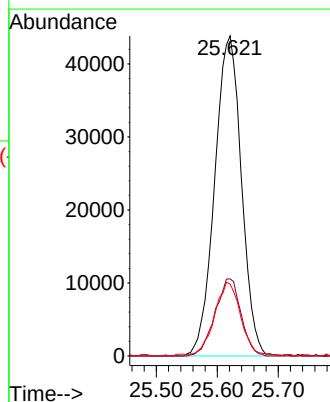
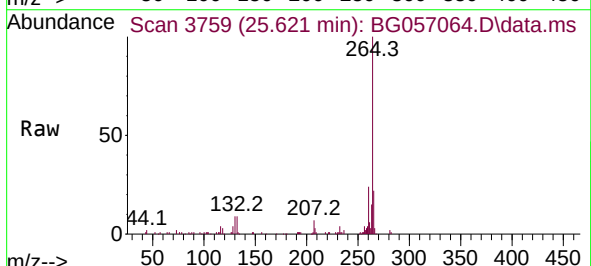
RT: 25.621 min Scan# 3759

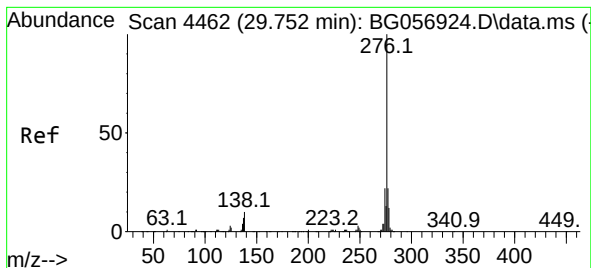
Delta R.T. 0.009 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Tgt Ion:264 Resp: 133507
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.438 ng

RT: 29.715 min Scan# 4462

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

Tgt Ion:276 Resp: 41872

Ion Ratio Lower Upper

276 100

138 13.8 7.7 11.5

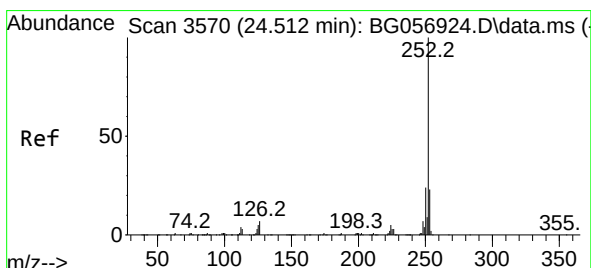
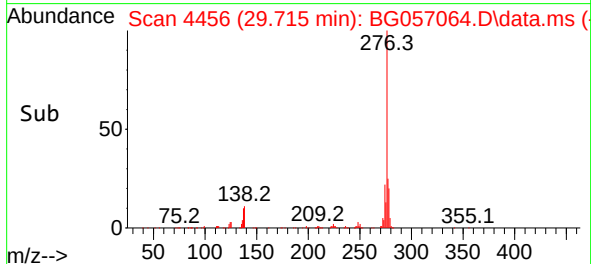
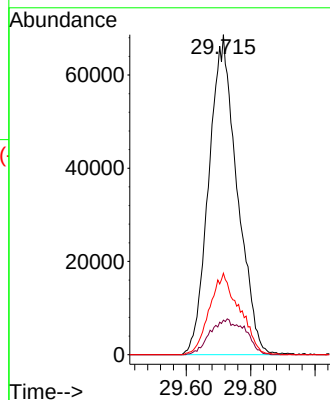
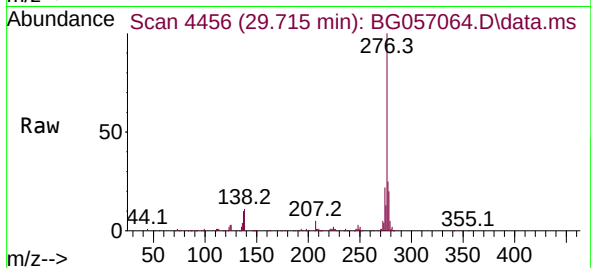
277 26.9 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#88

Benzo(b)fluoranthene

Concen: 44.607 ng

RT: 24.487 min Scan# 3566

Delta R.T. 0.004 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

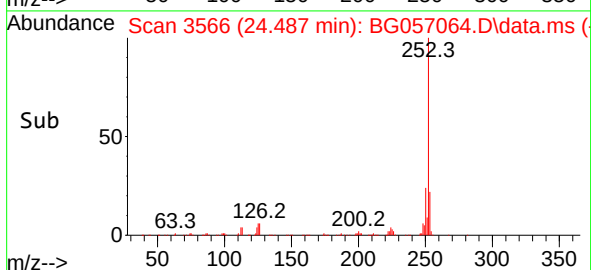
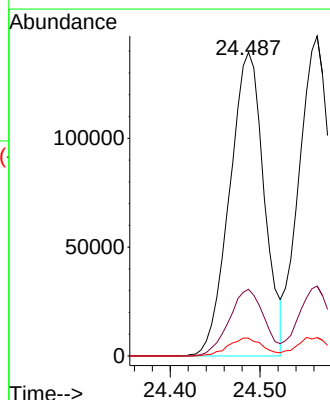
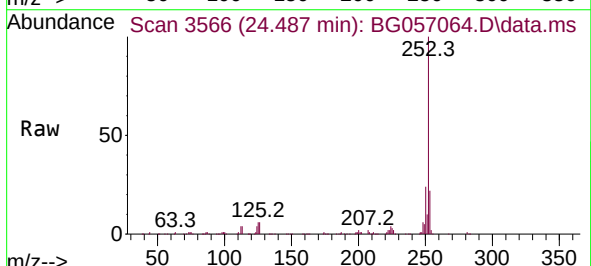
Tgt Ion:252 Resp: 372410

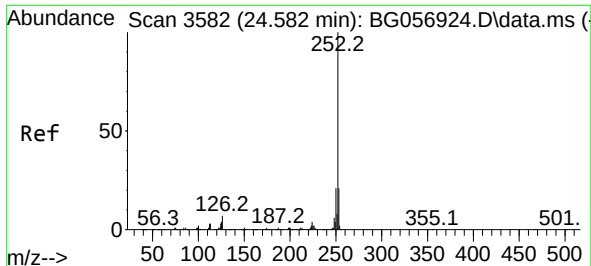
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

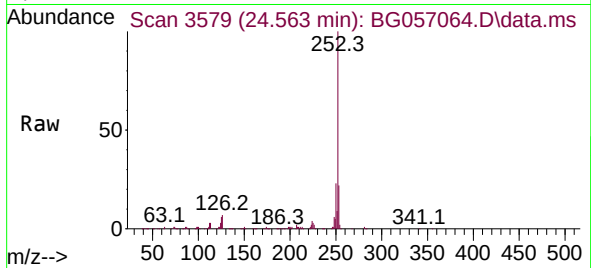
125 5.9 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 42.987 ng
RT: 24.563 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

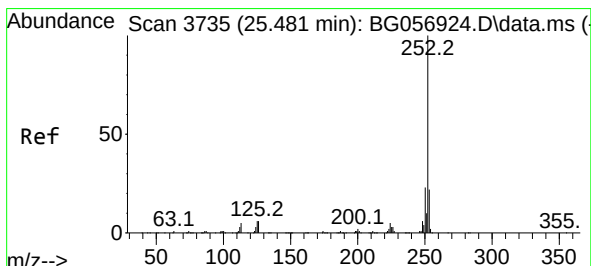
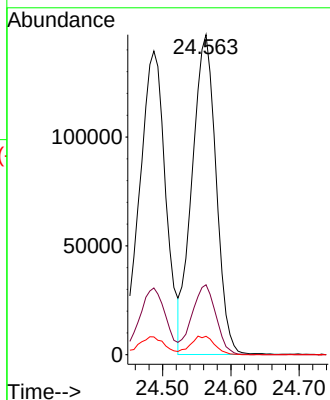
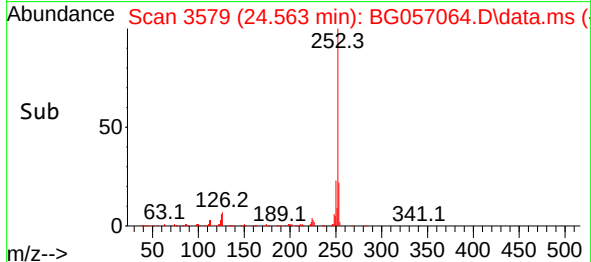
Instrument :
BNA_G
ClientSampleId :
PB152062BS



Tgt Ion:252 Resp: 35828
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.8 3.8 5.6

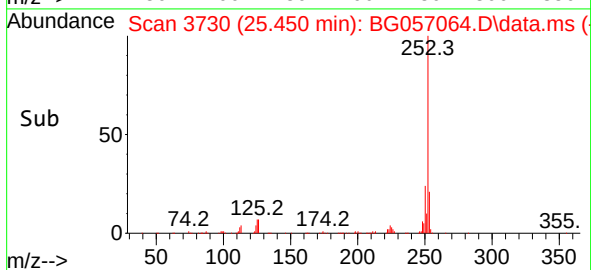
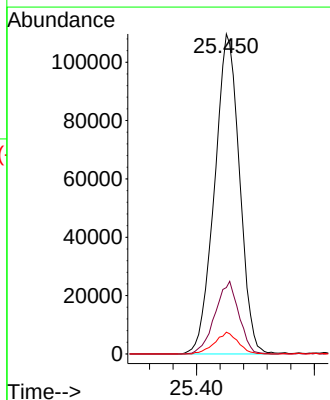
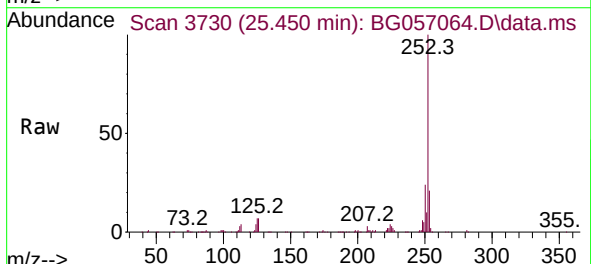
Manual Integrations
APPROVED

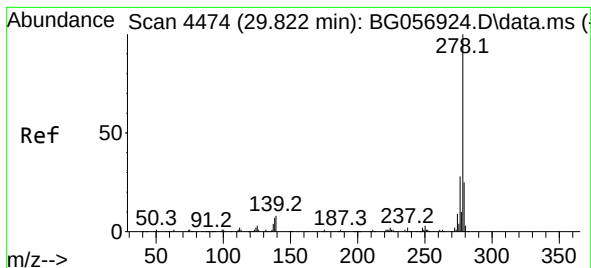
Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023



#90
Benzo(a)pyrene
Concen: 39.292 ng
RT: 25.450 min Scan# 3730
Delta R.T. -0.002 min
Lab File: BG057064.D
Acq: 12 Apr 2023 14:54

Tgt Ion:252 Resp: 322343
Ion Ratio Lower Upper
252 100
253 20.8 17.6 26.4
125 6.8 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 43.215 ng

RT: 29.774 min Scan# 44

Delta R.T. 0.009 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB152062BS

Tgt Ion:278 Resp: 35049

Ion Ratio Lower Upper

278 100

139 8.6 6.4 9.6

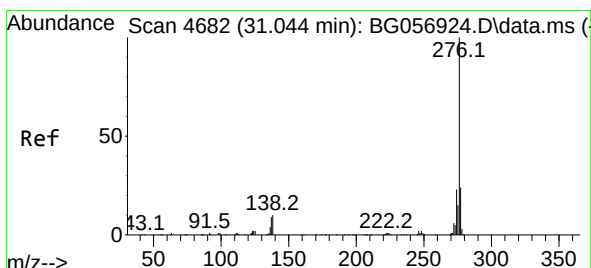
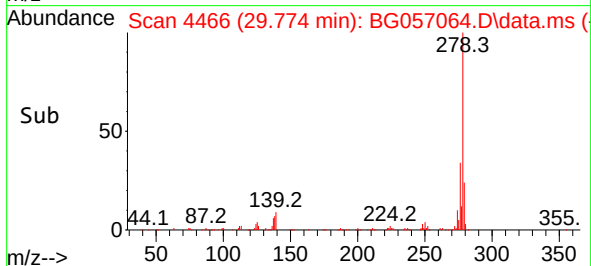
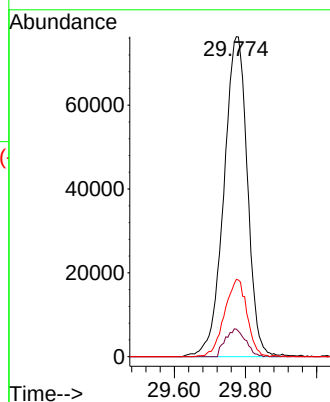
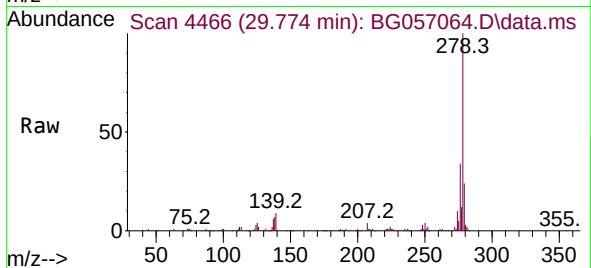
279 24.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#92

Benzo(g,h,i)perylene

Concen: 41.695 ng

RT: 31.002 min Scan# 4675

Delta R.T. 0.009 min

Lab File: BG057064.D

Acq: 12 Apr 2023 14:54

Tgt Ion:276 Resp: 331121

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 11.3 8.2 12.2

