

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060367.D
 Acq On : 19 Jan 2024 13:33
 Operator : MA/JU
 Sample : PB158524BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158524BS

Quant Time: Jan 20 06:31:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
 Supervised By :mohammad ahmed 01/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	216087	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	998849	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	814445	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2214924	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1918370	20.000	ng	0.00
86) Perylene-d12	24.754	264	1936511	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1584496	120.607	ng	0.00
7) Phenol-d6	7.098	99	2492362	128.117	ng	0.00
23) Nitrobenzene-d5	9.096	82	1566506	74.056	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	1500225	125.198	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3904931	66.660	ng	0.00
79) Terphenyl-d14	19.936	244	5804600	72.084	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	207385	34.557	ng	98
3) Pyridine	3.796	79	519023	30.653	ng	92
4) n-Nitrosodimethylamine	3.714	42	220853	41.677	ng	97
6) Aniline	7.257	93	710918	36.561	ng	100
8) 2-Chlorophenol	7.498	128	614316	47.182	ng	94
9) Benzaldehyde	7.069	77	155299m	13.908	ng	
10) Phenol	7.127	94	939514	48.168	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	659561	41.498	ng	95
12) 1,3-Dichlorobenzene	7.821	146	618666	37.856	ng	97
13) 1,4-Dichlorobenzene	7.968	146	630187	38.006	ng	98
14) 1,2-Dichlorobenzene	8.285	146	636122	37.309	ng	98
15) Benzyl Alcohol	8.167	79	625844m	49.698	ng	
16) 2,2'-oxybis(1-Chloropr...	8.449	45	781358	40.504	ng	99
17) 2-Methylphenol	8.373	107	626219	46.743	ng	99
18) Hexachloroethane	9.013	117	214813	36.949	ng	99
19) n-Nitroso-di-n-propyla...	8.731	70	582248	43.244	ng	97
20) 3+4-Methylphenols	8.702	107	886660	49.087	ng	95
22) Acetophenone	8.749	105	1090259	39.708	ng	# 99
24) Nitrobenzene	9.137	77	804620	36.693	ng	96
25) Isophorone	9.654	82	1628125	38.327	ng	99
26) 2-Nitrophenol	9.848	139	362517	44.963	ng	94
27) 2,4-Dimethylphenol	9.907	122	656988	61.668	ng	97
28) bis(2-Chloroethoxy)met...	10.136	93	988174	38.072	ng	100
29) 2,4-Dichlorophenol	10.382	162	765846	44.361	ng	96
30) 1,2,4-Trichlorobenzene	10.594	180	764063	35.574	ng	95
31) Naphthalene	10.782	128	1993317	38.071	ng	99
32) Benzoic acid	10.053	122	450155	47.879	ng	91
33) 4-Chloroaniline	10.894	127	515652	25.560	ng	99
34) Hexachlorobutadiene	11.064	225	477322	34.115	ng	99
35) Caprolactam	11.663	113	289680m	52.096	ng	
36) 4-Chloro-3-methylphenol	12.016	107	826435	47.121	ng	98
37) 2-Methylnaphthalene	12.392	142	1509060	38.861	ng	99
38) 1-Methylnaphthalene	12.609	142	1450533	37.199	ng	100
40) 1,2,4,5-Tetrachloroben...	12.762	216	984450	34.034	ng	99
41) Hexachlorocyclopentadiene	12.739	237	895441	93.242	ng	97
43) 2,4,6-Trichlorophenol	13.003	196	745723	40.511	ng	98

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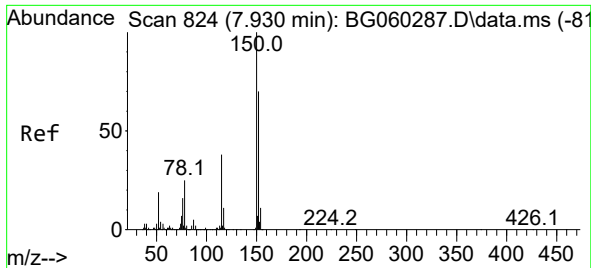
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 01/23/2024

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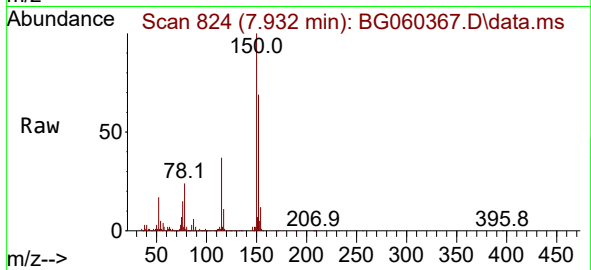
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	830344	40.897	ng	98
46) 1,1'-Biphenyl	13.402	154	2248831	36.580	ng	99
47) 2-Chloronaphthalene	13.444	162	1856395	35.248	ng	99
48) 2-Nitroaniline	13.649	65	606178	46.216	ng	96
49) Acenaphthylene	14.290	152	2923431	40.309	ng	99
50) Dimethylphthalate	14.025	163	2572151	41.328	ng	99
51) 2,6-Dinitrotoluene	14.143	165	590602	44.471	ng	92
52) Acenaphthene	14.636	154	1759893	38.970	ng	99
53) 3-Nitroaniline	14.478	138	430224	35.552	ng	98
54) 2,4-Dinitrophenol	14.683	184	746194	91.311	ng	97
55) Dibenzofuran	14.965	168	3008357	39.905	ng	97
56) 4-Nitrophenol	14.789	139	980804	109.272	ng	99
57) 2,4-Dinitrotoluene	14.936	165	867178	47.617	ng	94
58) Fluorene	15.617	166	2522437	40.404	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.194	232	822289	47.694	ng	99
60) Diethylphthalate	15.388	149	2598598	43.491	ng	99
61) 4-Chlorophenyl-phenyle...	15.606	204	1349608	39.243	ng	96
62) 4-Nitroaniline	15.647	138	591912	45.958	ng	97
63) Azobenzene	15.900	77	2481464	41.060	ng	99
65) 4,6-Dinitro-2-methylph...	15.694	198	560382	45.733	ng	96
66) n-Nitrosodiphenylamine	15.823	169	2340761	39.801	ng	98
67) 4-Bromophenyl-phenylether	16.505	248	939175	38.590	ng	98
68) Hexachlorobenzene	16.622	284	1053320	36.563	ng	98
69) Atrazine	16.775	200	1340955	60.468	ng	99
70) Pentachlorophenol	16.969	266	1487940	95.820	ng	95
71) Phenanthrene	17.362	178	4181684	39.059	ng	98
72) Anthracene	17.451	178	4188770	39.188	ng	97
73) Carbazole	17.721	167	3917013	38.871	ng	98
74) Di-n-butylphthalate	18.279	149	4027799	38.847	ng	98
75) Fluoranthene	19.372	202	4580857	35.624	ng	98
77) Benzidine	19.554	184	841591	20.193	ng	97
78) Pyrene	19.736	202	4701899	38.381	ng	99
80) Butylbenzylphthalate	20.623	149	1954003	46.361	ng	98
81) Benzo(a)anthracene	21.563	228	4708238	39.644	ng	97
82) 3,3'-Dichlorobenzidine	21.481	252	1649658	36.271	ng	98
83) Chrysene	21.628	228	4476113	38.322	ng	99
84) Bis(2-ethylhexyl)phtha...	21.464	149	2781739	43.677	ng	97
85) Di-n-octyl phthalate	22.656	149	4609288	44.660	ng	98
87) Indeno(1,2,3-cd)pyrene	28.367	276	6054420	44.965	ng	# 94
88) Benzo(b)fluoranthene	23.743	252	5087132	44.468	ng	99
89) Benzo(k)fluoranthene	23.814	252	5010657	44.385	ng	99
90) Benzo(a)pyrene	24.601	252	4527244	43.807	ng	99
91) Dibenzo(a,h)anthracene	28.426	278	5041233	45.845	ng	99
92) Benzo(g,h,i)perylene	29.501	276	5043774	44.753	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

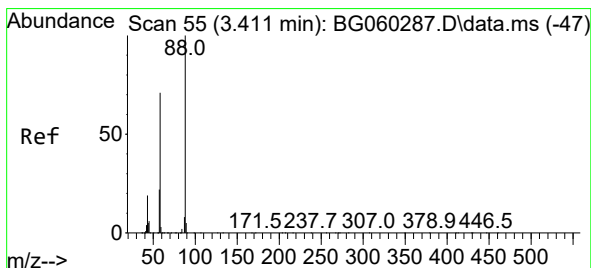
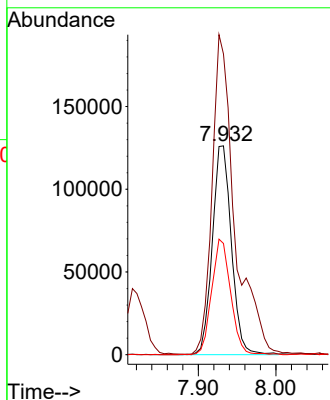
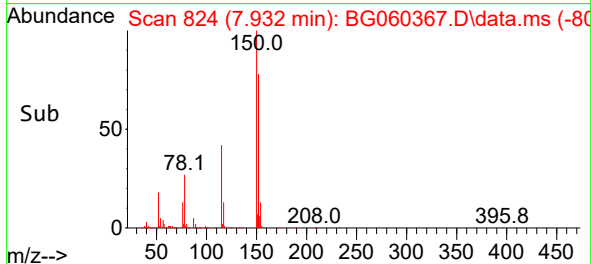
Instrument :
BNA_G
ClientSampleId :
PB158524BS



Tgt Ion:152 Resp: 21608
Ion Ratio Lower Upper
152 100
150 144.0 114.5 171.7
115 53.3 43.0 64.6

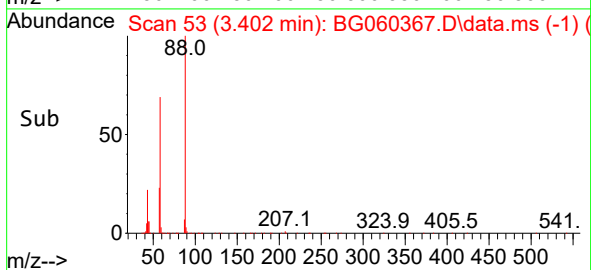
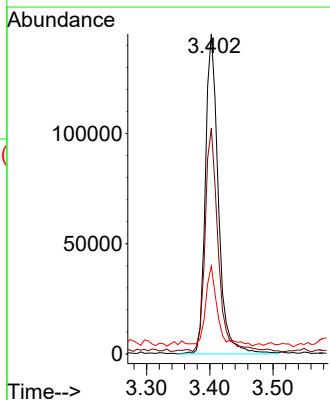
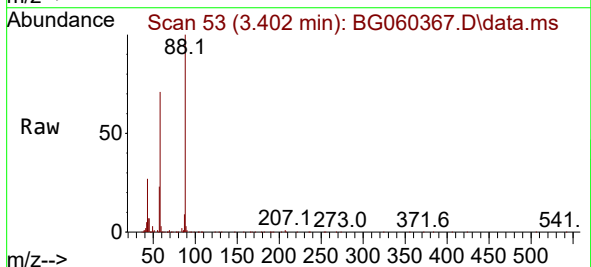
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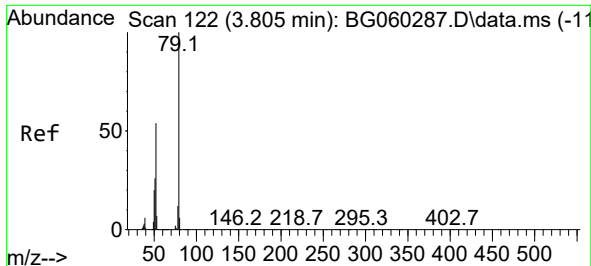
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#2
1,4-Dioxane
Concen: 34.557 ng
RT: 3.402 min Scan# 53
Delta R.T. -0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion: 88 Resp: 207385
Ion Ratio Lower Upper
88 100
58 71.0 55.9 83.9
43 22.9 16.6 24.8





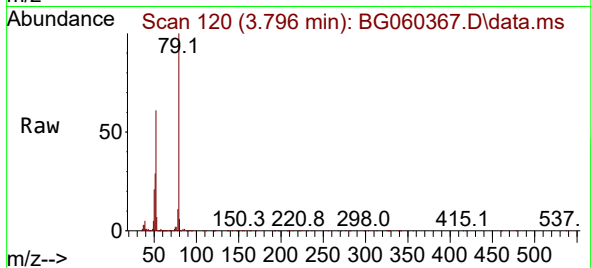
#3
Pyridine
Concen: 30.653 ng
RT: 3.796 min Scan# 110
Delta R.T. -0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

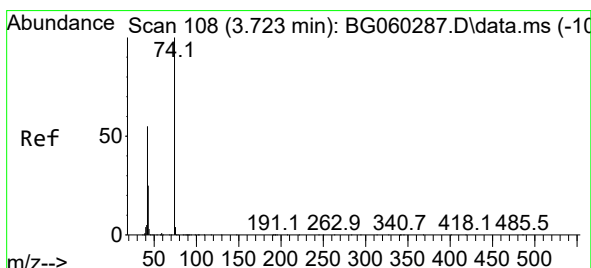
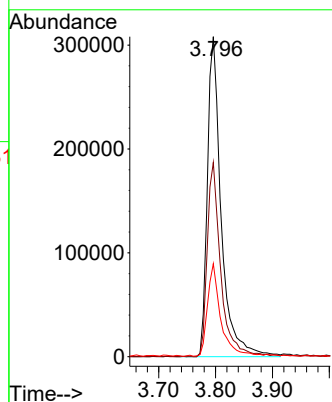
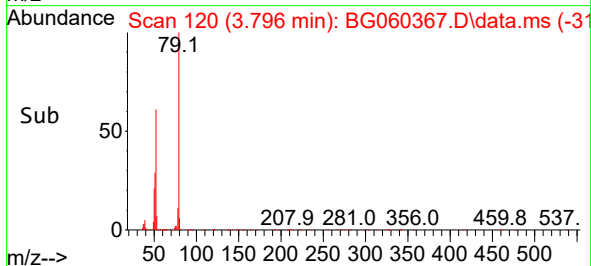
PB158524BS



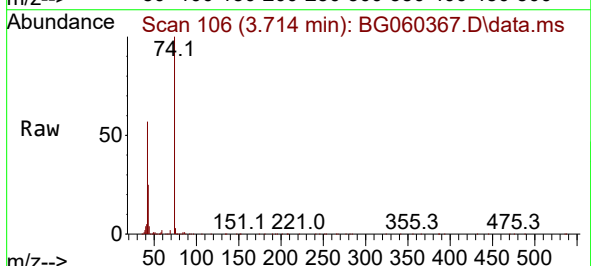
Tgt Ion: 79 Resp: 51902
Ion Ratio Lower Upper
79 100
52 60.7 43.2 64.8
51 29.1 21.4 32.2

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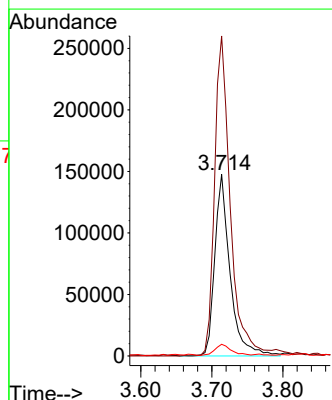
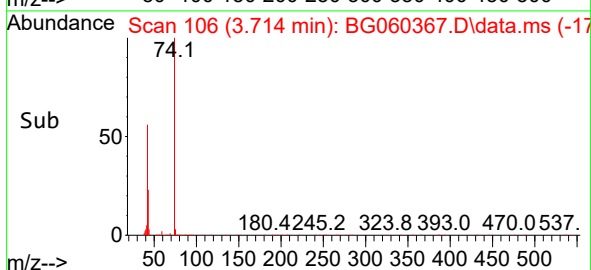
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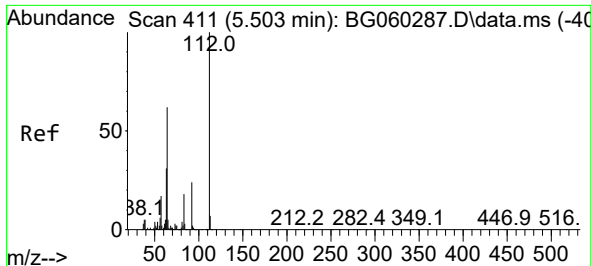


#4
n-Nitrosodimethylamine
Concen: 41.677 ng
RT: 3.714 min Scan# 106
Delta R.T. -0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



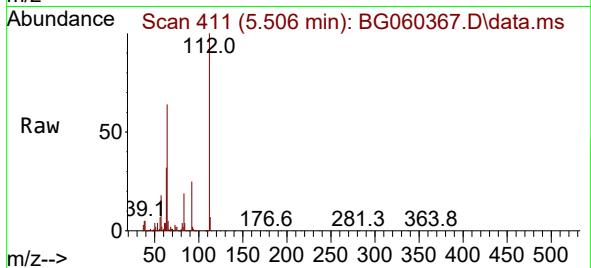
Tgt Ion: 42 Resp: 220853
Ion Ratio Lower Upper
42 100
74 176.2 145.1 217.7
44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 120.607 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

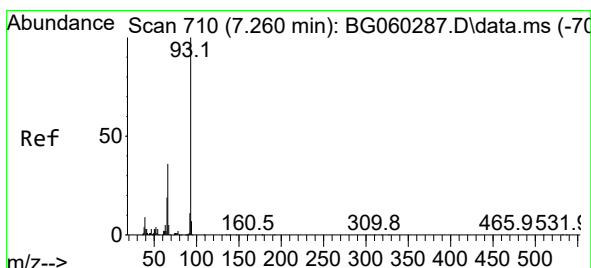
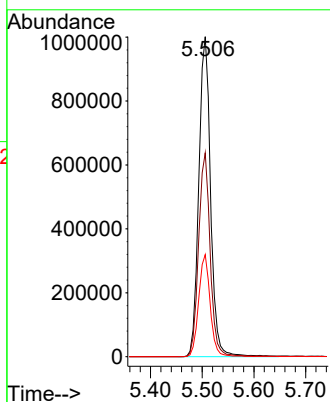
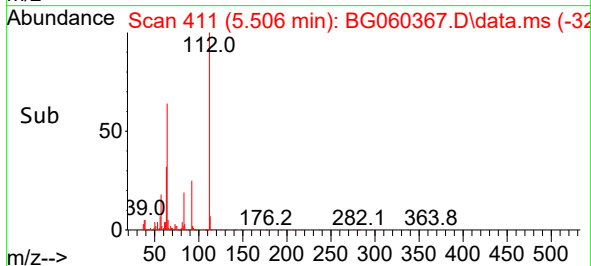
Instrument :
BNA_G
ClientSampleId :
PB158524BS



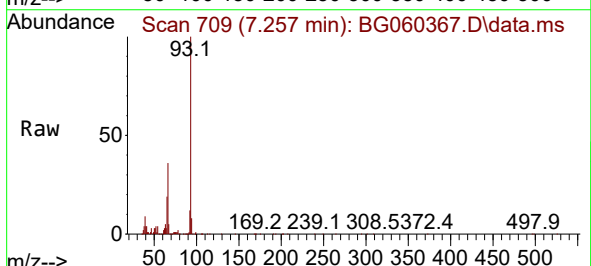
Tgt Ion: 112 Resp: 1584490
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.6
63 31.9 24.4 36.6

Manual Integrations
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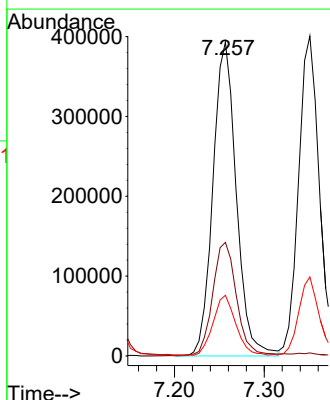
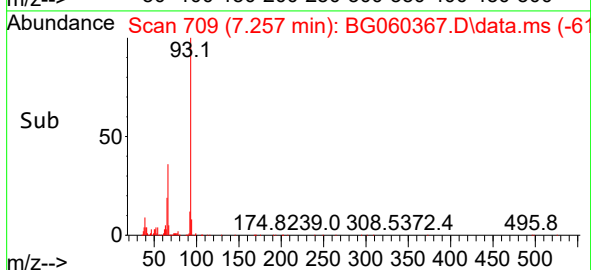
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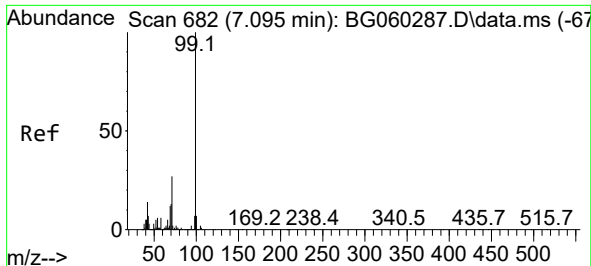


#6
Aniline
Concen: 36.561 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



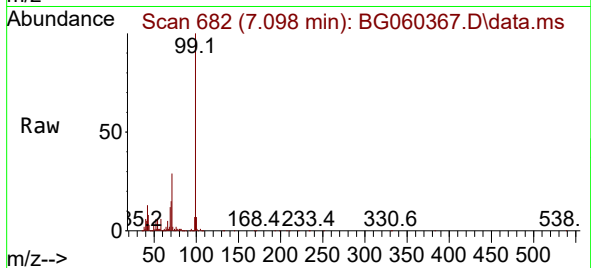
Tgt Ion: 93 Resp: 710918
Ion Ratio Lower Upper
93 100
66 36.2 29.0 43.4
65 19.3 15.1 22.7





#7
Phenol-d6
Concen: 128.117 ng
RT: 7.098 min Scan# 682
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

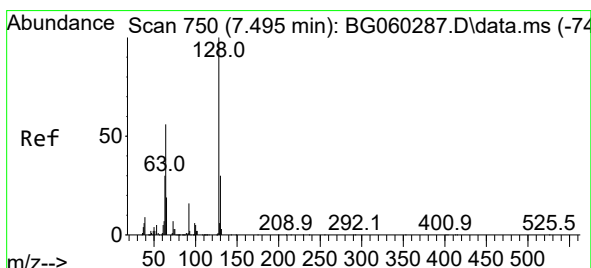
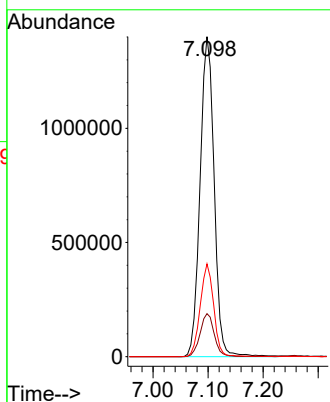
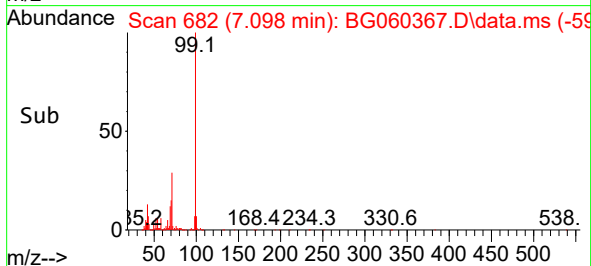
Instrument :
BNA_G
ClientSampleId :
PB158524BS



Tgt Ion: 99 Resp: 2492362
Ion Ratio Lower Upper
99 100
42 13.5 10.9 16.3
71 29.0 21.5 32.3

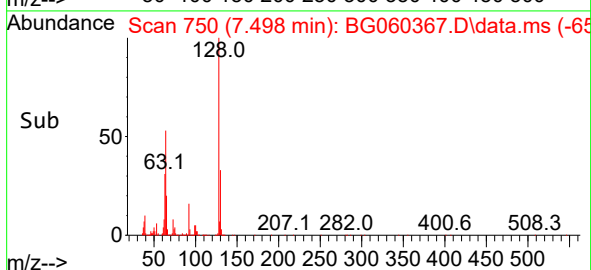
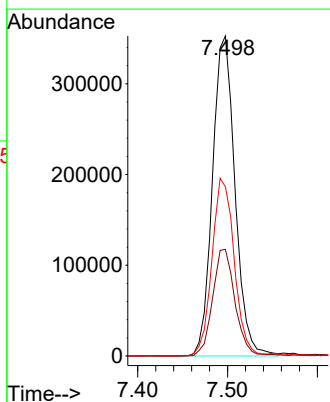
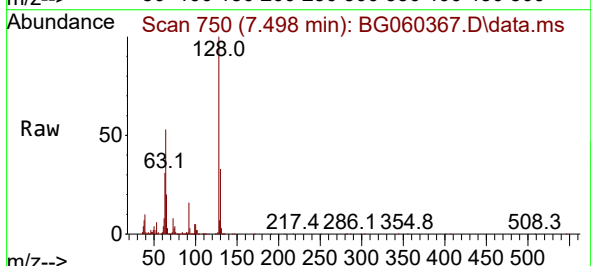
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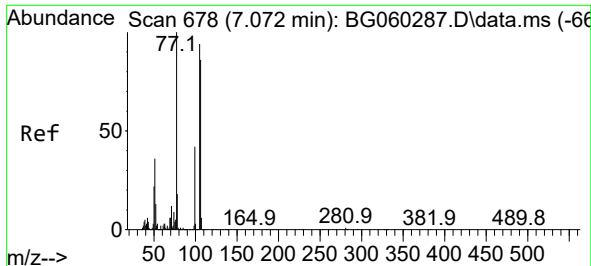
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#8
2-Chlorophenol
Concen: 47.182 ng
RT: 7.498 min Scan# 750
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:128 Resp: 614316
Ion Ratio Lower Upper
128 100
130 33.3 9.9 49.9
64 52.9 37.8 77.8





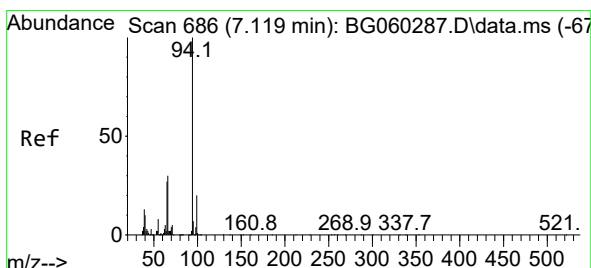
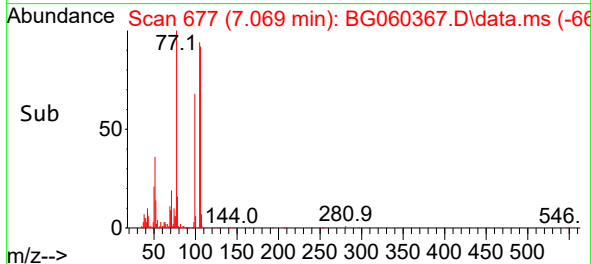
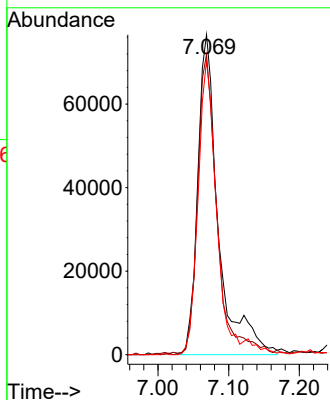
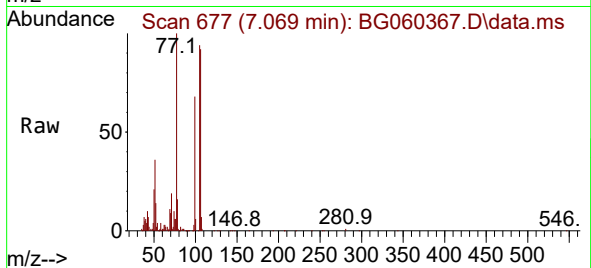
#9
Benzaldehyde
Concen: 13.908 ng m
RT: 7.069 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :
BNA_G
ClientSampleId :
PB158524BS

Tgt Ion: 77 Resp: 155298
Ion Ratio Lower Upper
77 100
105 93.9 73.6 113.6
106 91.9 66.2 106.2

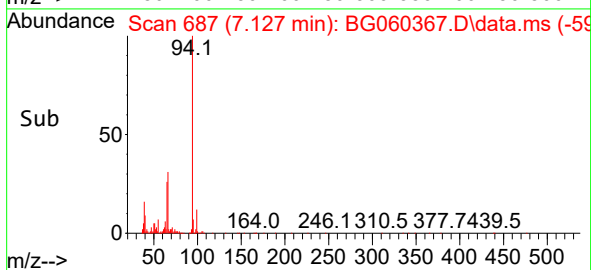
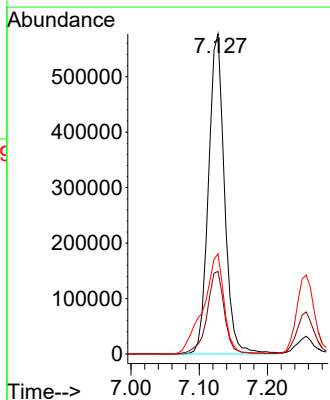
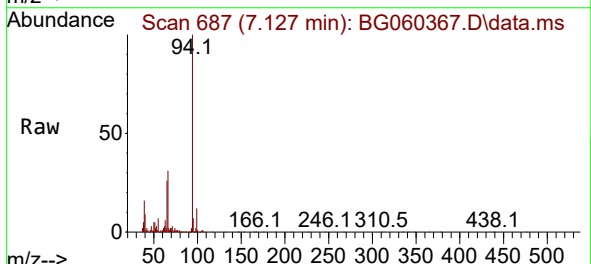
Manual Integrations
APPROVED

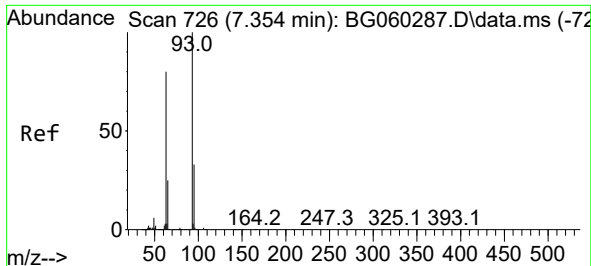
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#10
Phenol
Concen: 48.168 ng
RT: 7.127 min Scan# 687
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

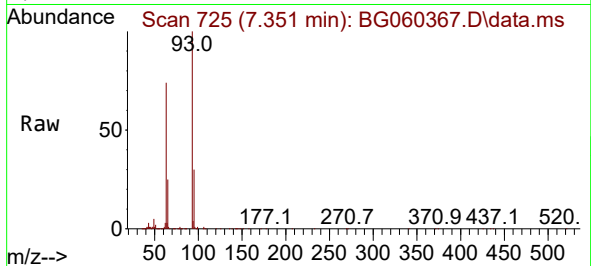
Tgt Ion: 94 Resp: 939514
Ion Ratio Lower Upper
94 100
65 25.8 6.7 46.7
66 31.3 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 41.498 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

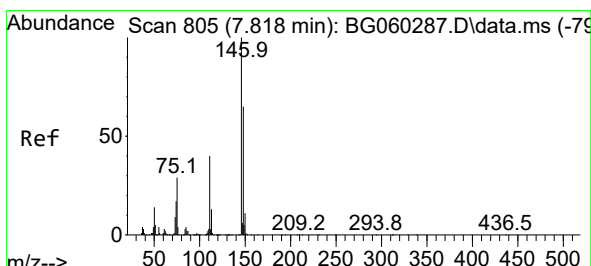
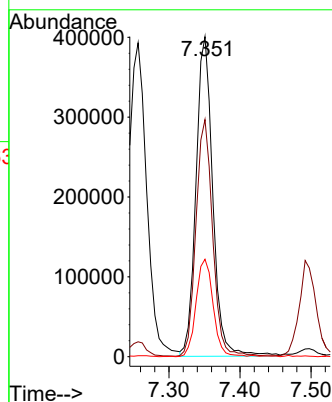
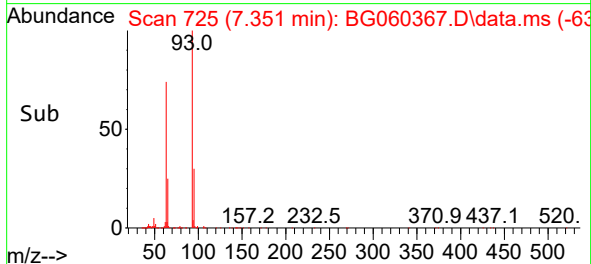
Instrument :
BNA_G
ClientSampleId :
PB158524BS



Tgt Ion: 93 Resp: 65956
Ion Ratio Lower Upper
93 100
63 74.1 59.3 99.3
95 30.5 12.8 52.8

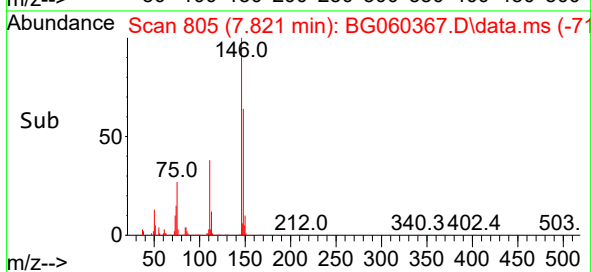
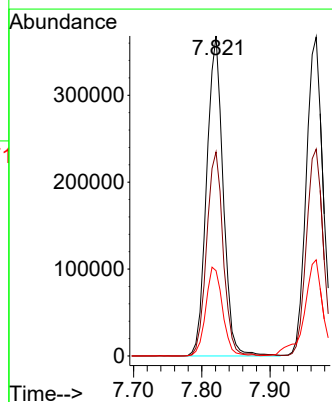
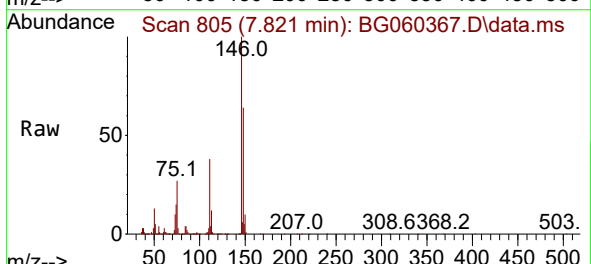
Manual Integrations
APPROVED

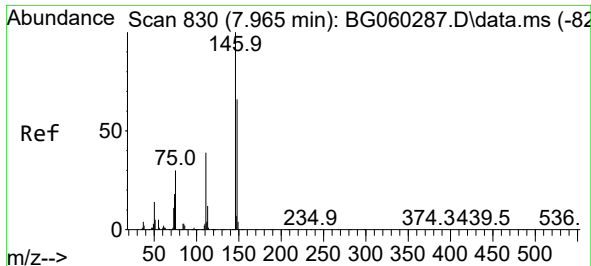
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#12
1,3-Dichlorobenzene
Concen: 37.856 ng
RT: 7.821 min Scan# 805
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:146 Resp: 618666
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
75 26.6 22.9 34.3





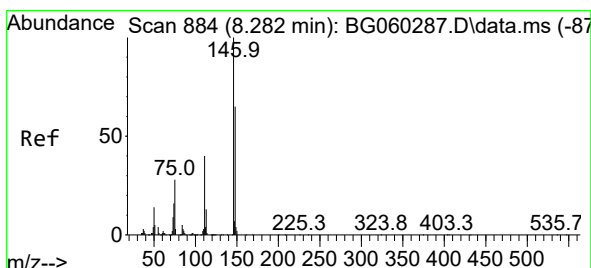
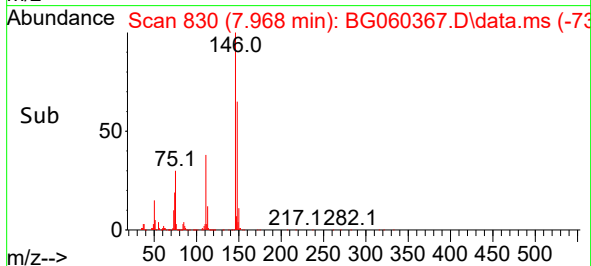
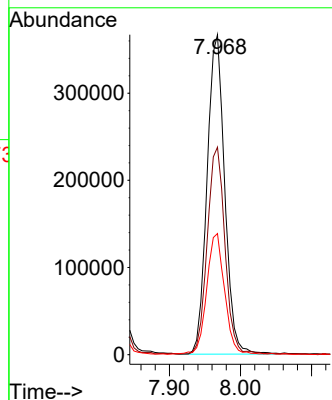
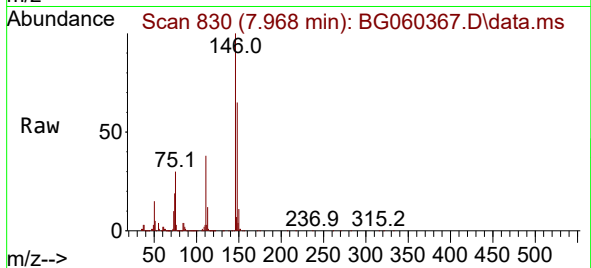
#13
1,4-Dichlorobenzene
Concen: 38.006 ng
RT: 7.968 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :
BNA_G
ClientSampleId :
PB158524BS

Tgt Ion:146 Resp: 63018
Ion Ratio Lower Upper
146 100
148 64.9 52.7 79.1
111 37.8 31.4 47.0

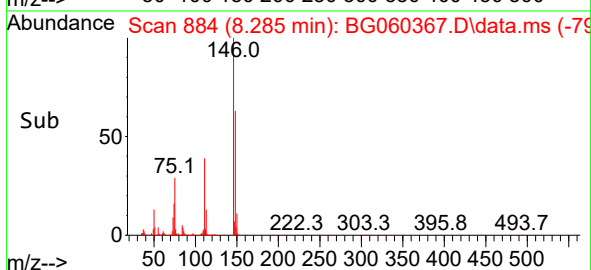
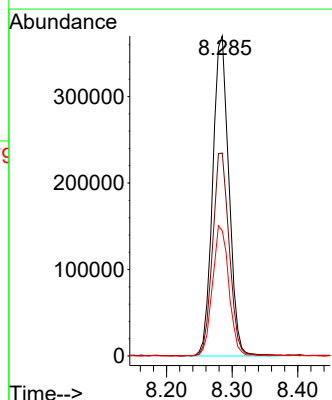
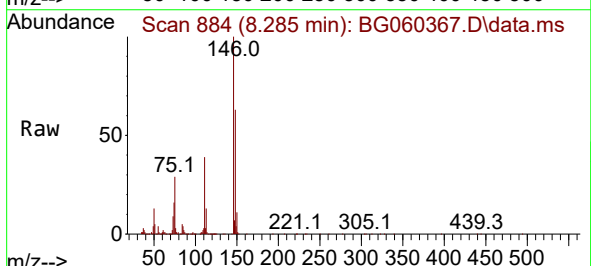
Manual Integrations
APPROVED

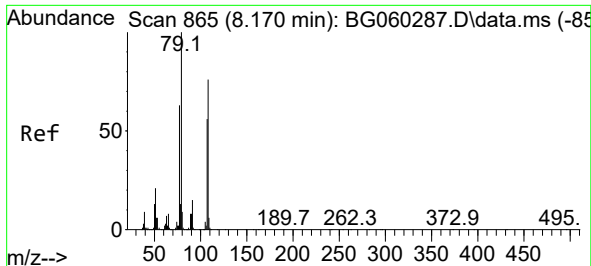
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#14
1,2-Dichlorobenzene
Concen: 37.309 ng
RT: 8.285 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:146 Resp: 636122
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 39.1 32.6 48.8





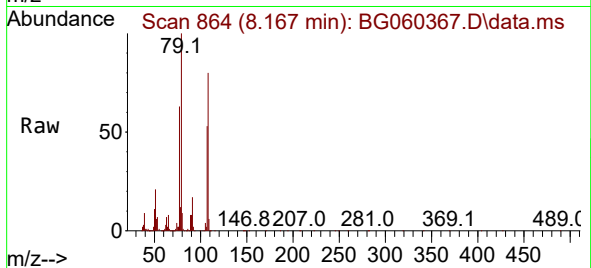
#15
Benzyl Alcohol
Concen: 49.698 ng m
RT: 8.167 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

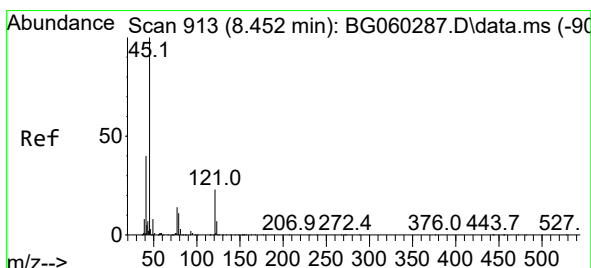
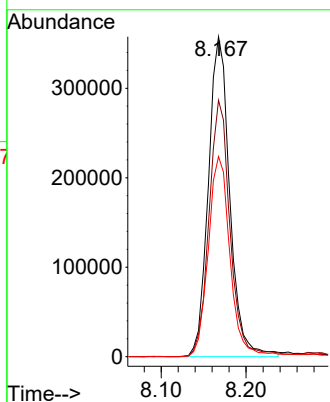
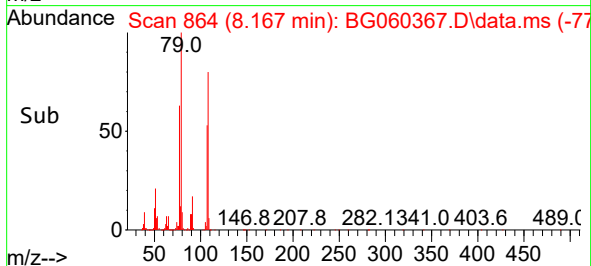
PB158524BS



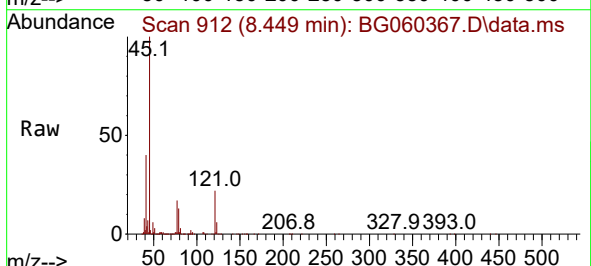
Tgt Ion: 79 Resp: 62584
Ion Ratio Lower Upper
79 100
108 80.2 61.2 91.8
77 62.6 50.3 75.5

Manual Integrations
APPROVED

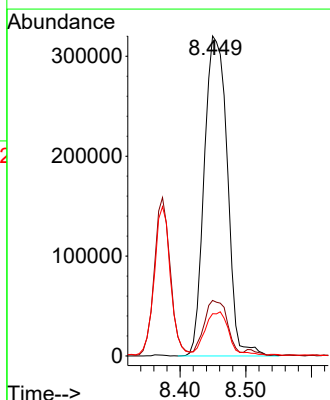
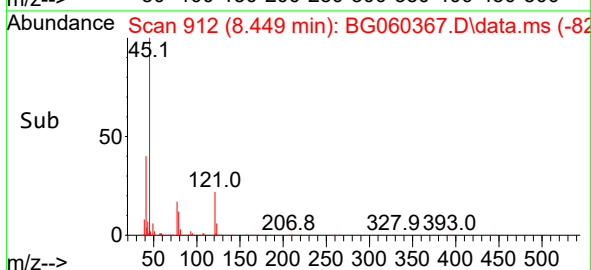
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

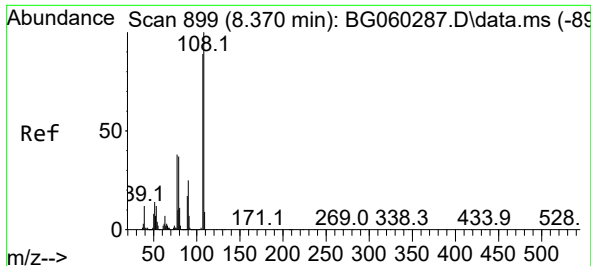


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.504 ng
RT: 8.449 min Scan# 912
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion: 45 Resp: 781358
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.3
79 13.2 0.0 34.0





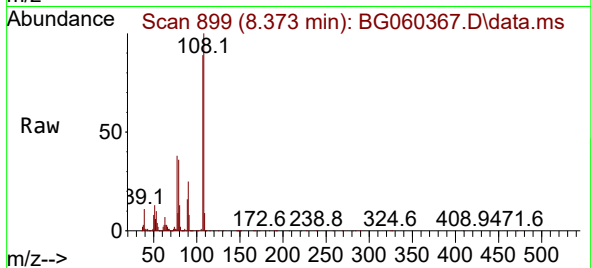
#17
2-Methylphenol
Concen: 46.743 ng
RT: 8.373 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

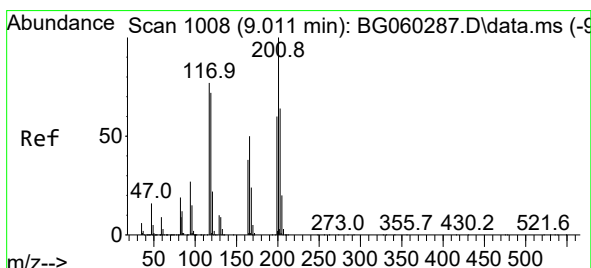
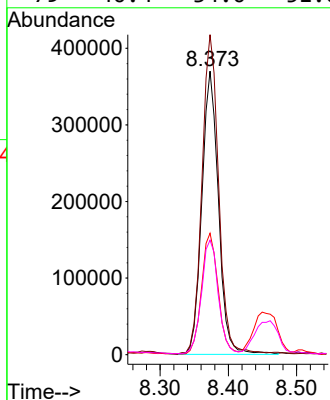
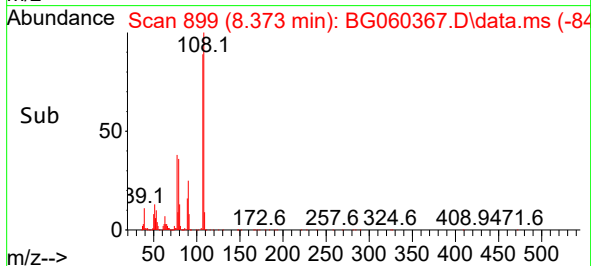


Tgt Ion:107 Resp: 626219
Ion Ratio Lower Upper
107 100
108 112.9 90.5 135.7
77 42.8 35.0 52.6
79 40.4 34.0 51.0

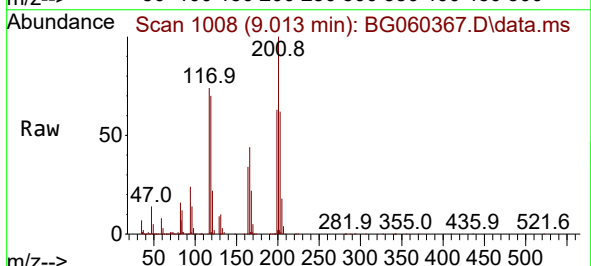
Manual Integrations

APPROVED

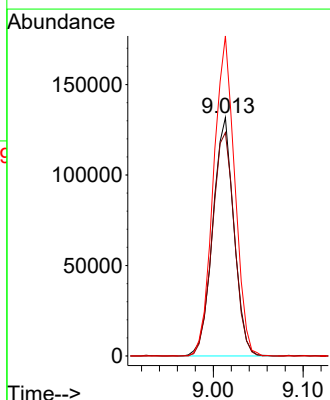
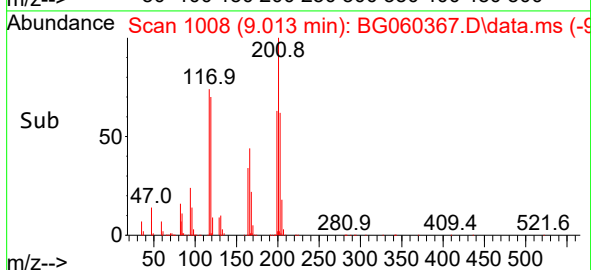
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

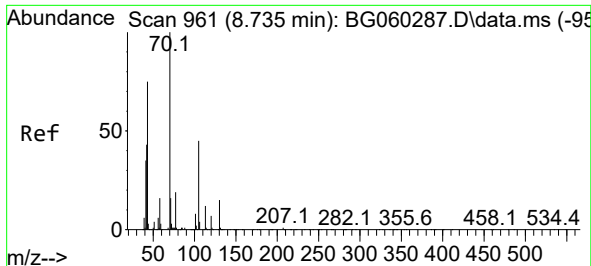


#18
Hexachloroethane
Concen: 36.949 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:117 Resp: 214813
Ion Ratio Lower Upper
117 100
119 93.7 74.5 111.7
201 134.3 106.3 159.5





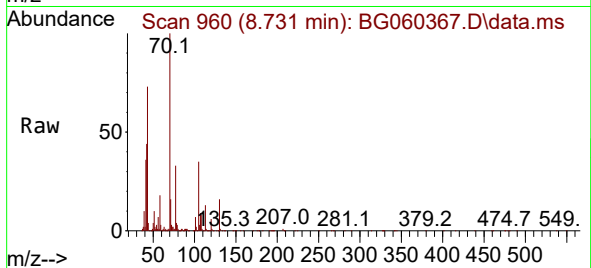
#19
n-Nitroso-di-n-propylamine
Concen: 43.244 ng
RT: 8.731 min Scan# 960
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

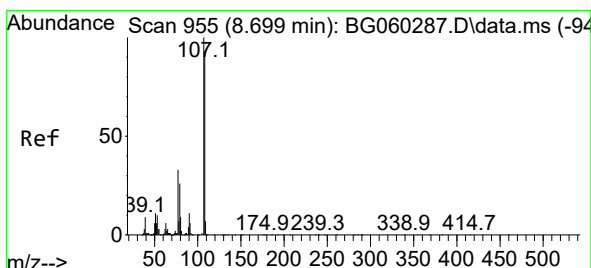
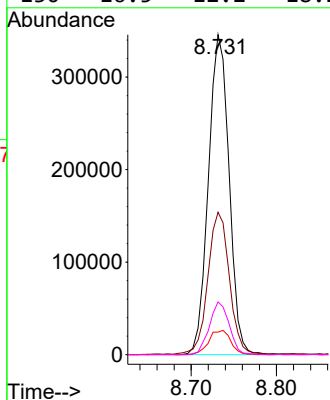
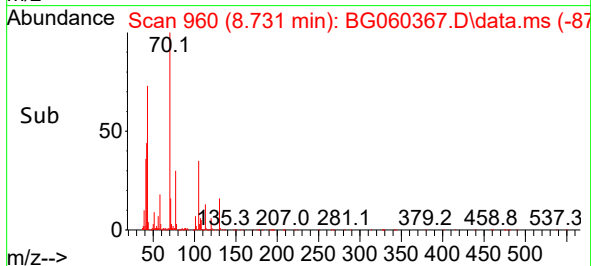


Tgt Ion: 70 Resp: 582248
Ion Ratio Lower Upper
70 100
42 44.5 34.3 51.5
101 7.0 6.2 9.2
130 16.5 12.2 18.2

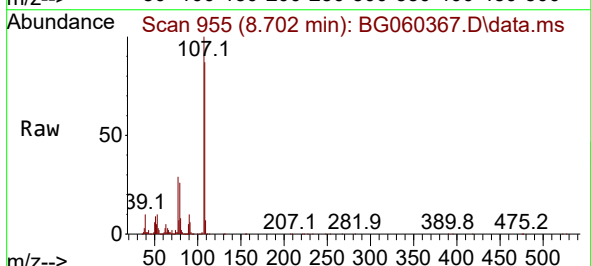
Manual Integrations

APPROVED

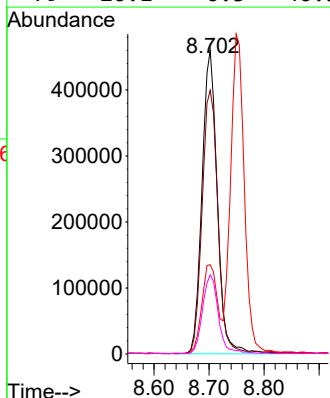
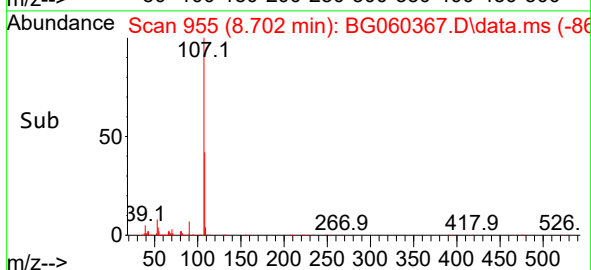
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

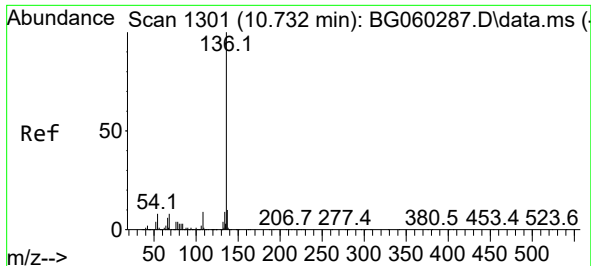


#20
3+4-Methylphenols
Concen: 49.087 ng
RT: 8.702 min Scan# 955
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:107 Resp: 886660
Ion Ratio Lower Upper
107 100
108 86.7 72.5 112.5
77 29.4 13.0 53.0
79 26.1 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

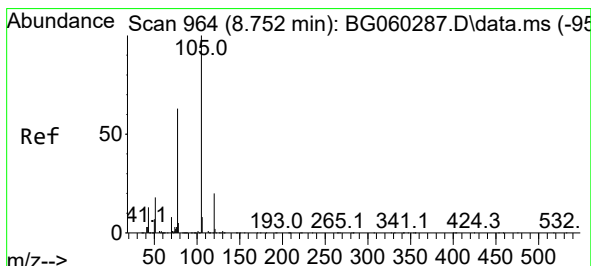
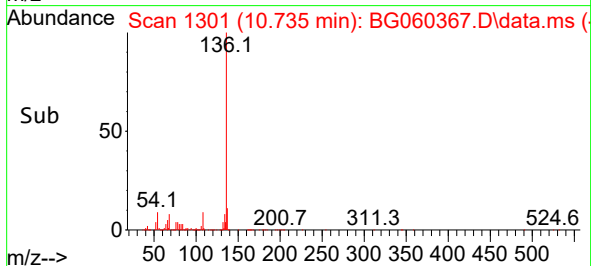
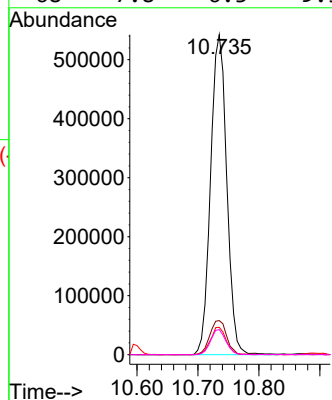
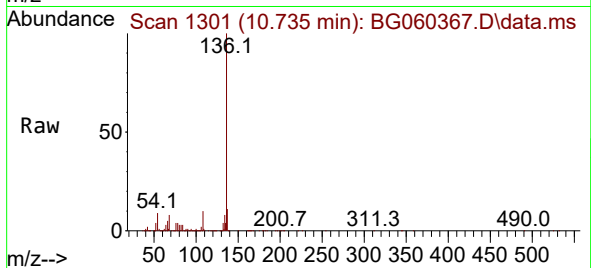
PB158524BS

Tgt Ion:136 Resp: 998849
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.5 6.2 9.2
68 7.8 6.3 9.5

Manual Integrations

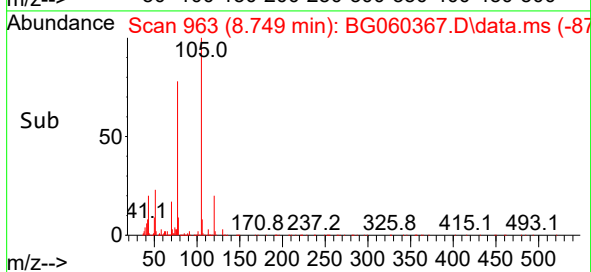
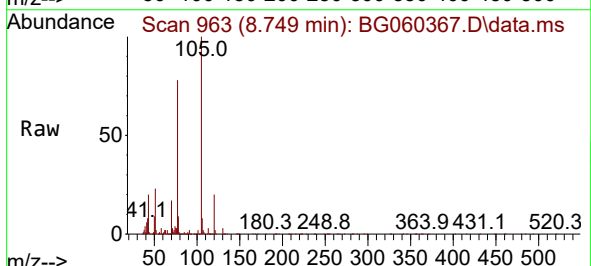
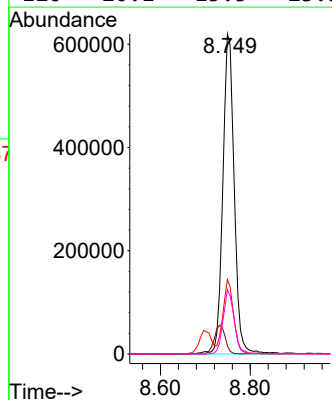
APPROVED

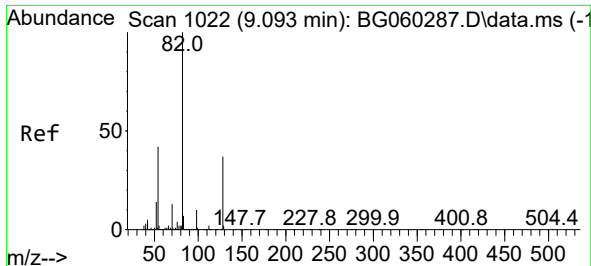
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#22
Acetophenone
Concen: 39.708 ng
RT: 8.749 min Scan# 963
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:105 Resp: 1090259
Ion Ratio Lower Upper
105 100
71 2.6 1.7 2.5#
51 23.3 18.2 27.2
120 20.1 15.5 23.3





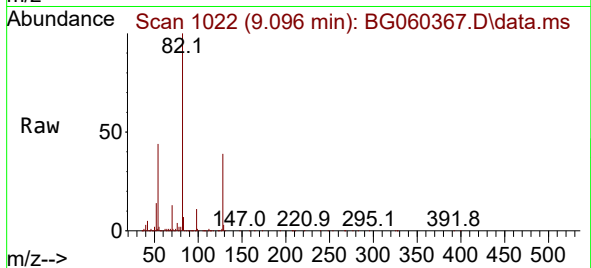
#23
Nitrobenzene-d5
Concen: 74.056 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

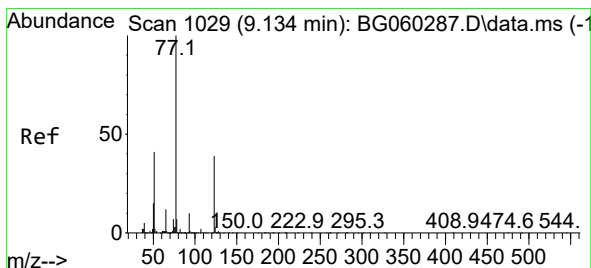
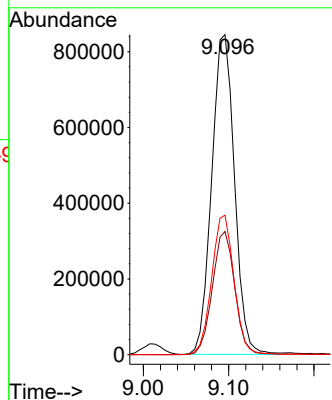
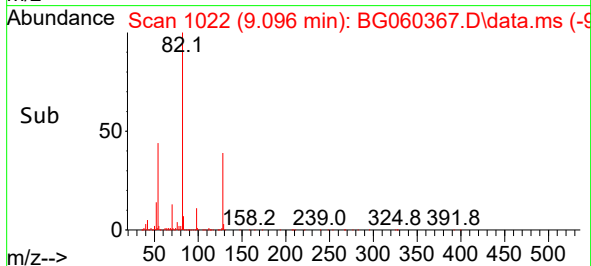


Tgt Ion: 82 Resp: 1566500
Ion Ratio Lower Upper
82 100
128 38.5 29.6 44.4
54 43.6 33.6 50.4

Manual Integrations

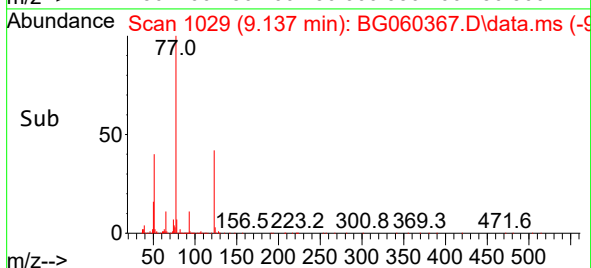
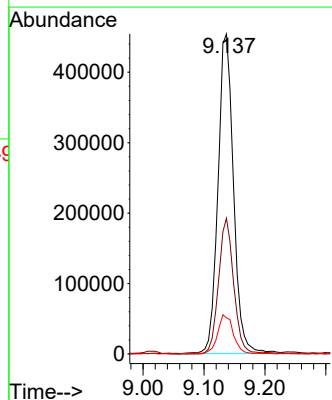
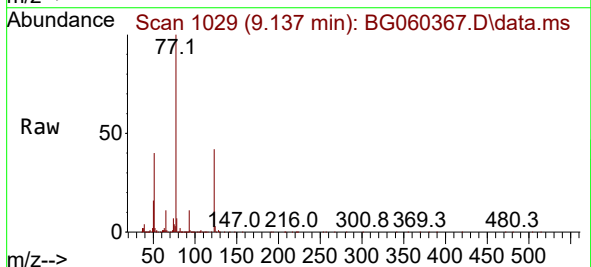
APPROVED

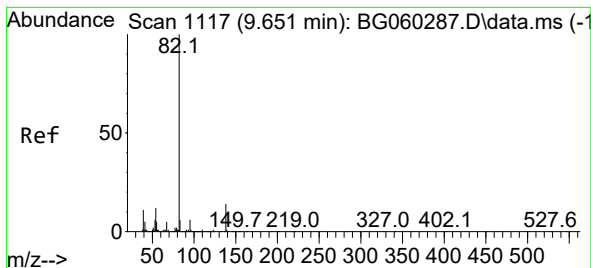
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#24
Nitrobenzene
Concen: 36.693 ng
RT: 9.137 min Scan# 1029
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion: 77 Resp: 804620
Ion Ratio Lower Upper
77 100
123 42.4 31.4 47.0
65 11.3 9.6 14.4





#25

Isophorone

Concen: 38.327 ng

RT: 9.654 min Scan# 1117

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

Tgt Ion: 82 Resp: 162812

Ion Ratio Lower Upper

82 100

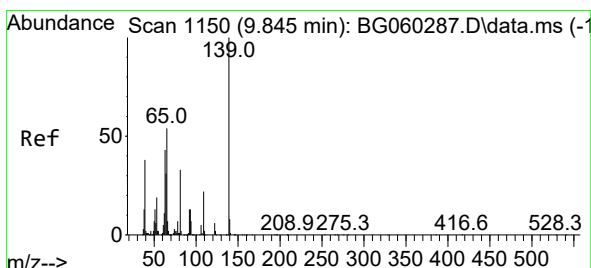
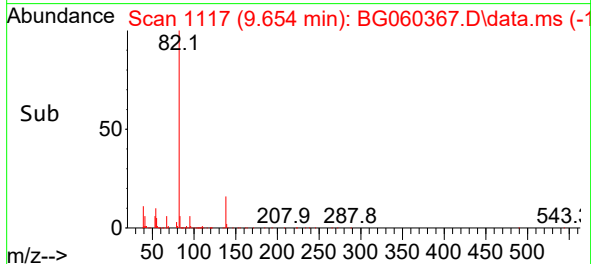
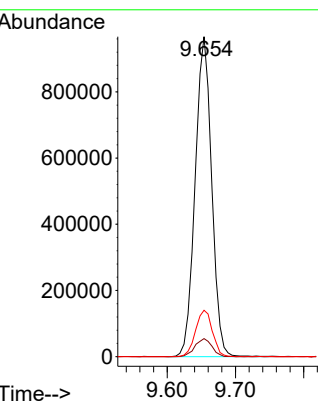
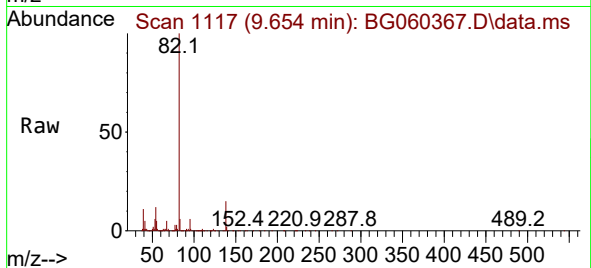
95 5.7 4.7 7.1

138 14.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#26

2-Nitrophenol

Concen: 44.963 ng

RT: 9.848 min Scan# 1150

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

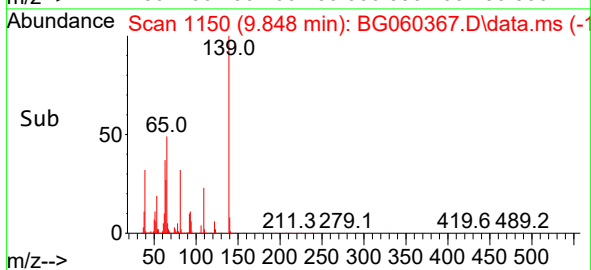
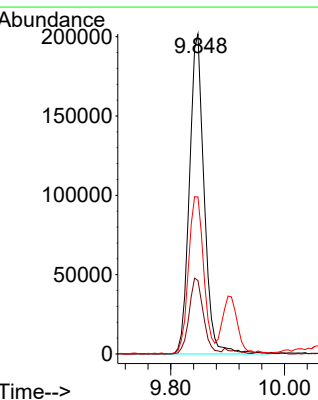
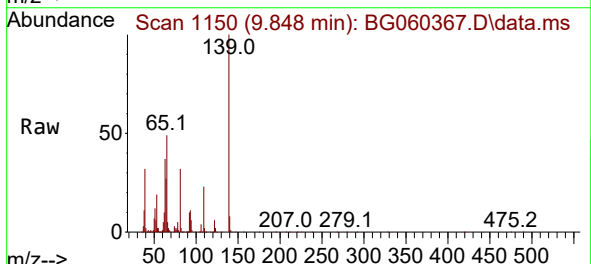
Tgt Ion:139 Resp: 362517

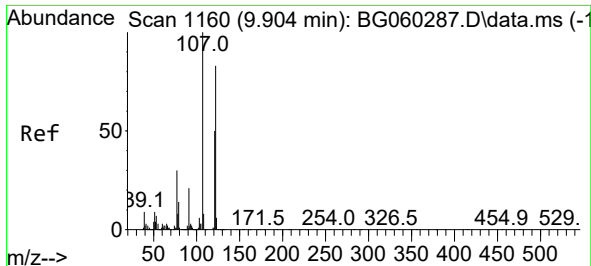
Ion Ratio Lower Upper

139 100

109 22.9 17.6 26.4

65 49.1 43.6 65.4





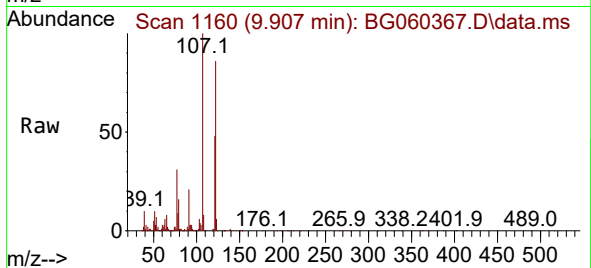
#27
2,4-Dimethylphenol
Concen: 61.668 ng
RT: 9.907 min Scan# 1160
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

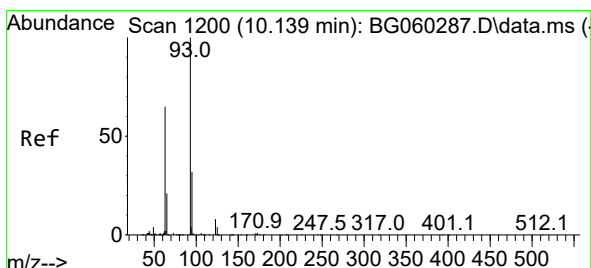
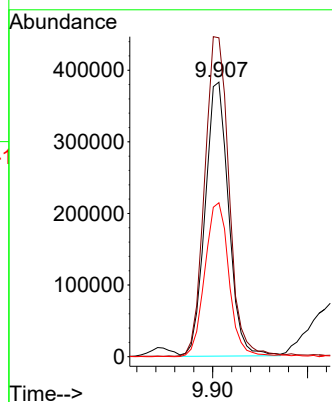
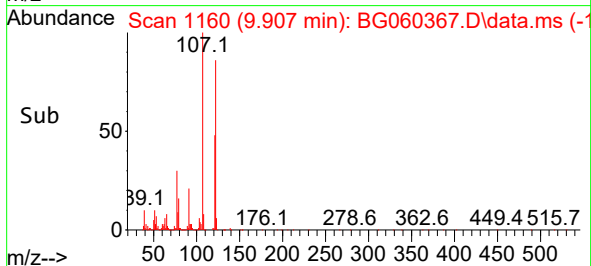


Tgt Ion:122 Resp: 656988
Ion Ratio Lower Upper
122 100
107 116.1 95.4 143.0
121 56.1 47.7 71.5

Manual Integrations

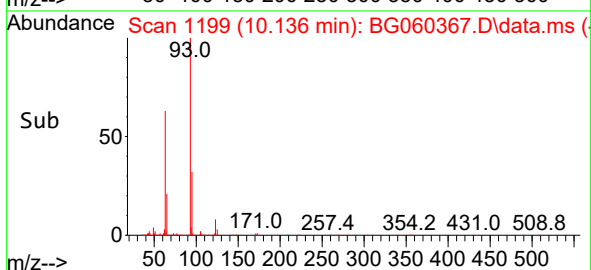
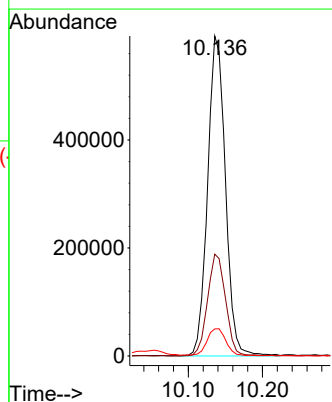
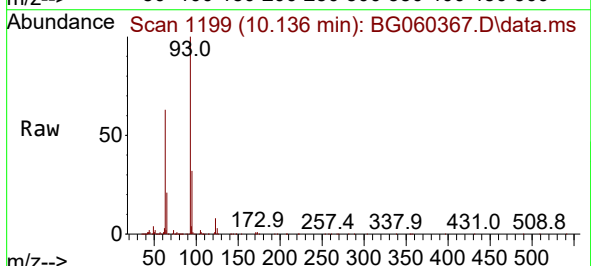
APPROVED

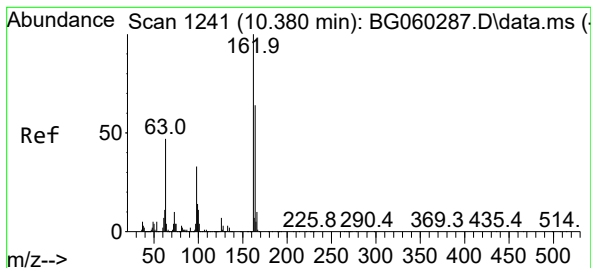
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.072 ng
RT: 10.136 min Scan# 1199
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion: 93 Resp: 988174
Ion Ratio Lower Upper
93 100
95 31.8 25.4 38.0
123 8.5 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 44.361 ng
RT: 10.382 min Scan# 1241
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

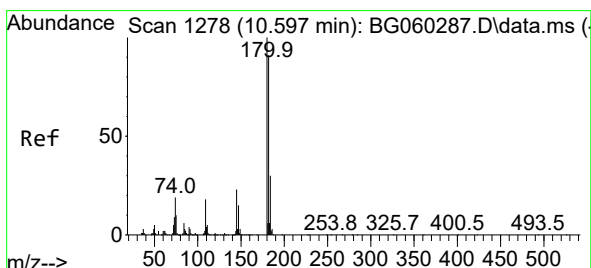
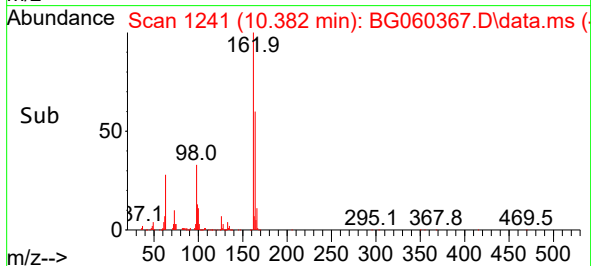
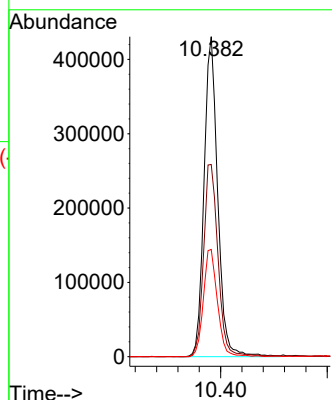
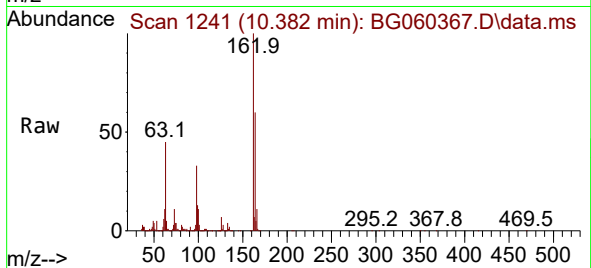
PB158524BS

Tgt Ion:162 Resp: 765840
Ion Ratio Lower Upper
162 100
164 60.0 44.3 84.3
98 33.5 13.4 53.4

Manual Integrations

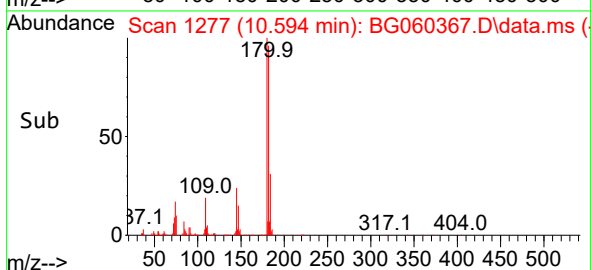
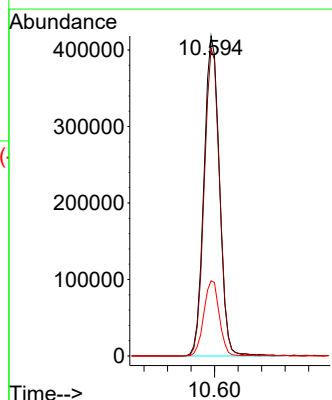
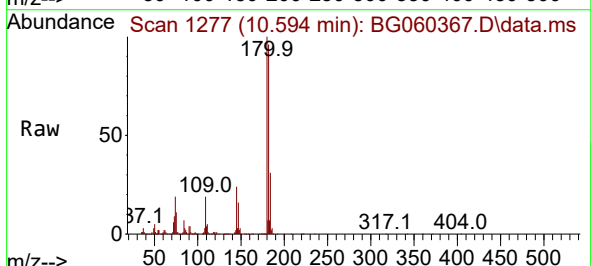
APPROVED

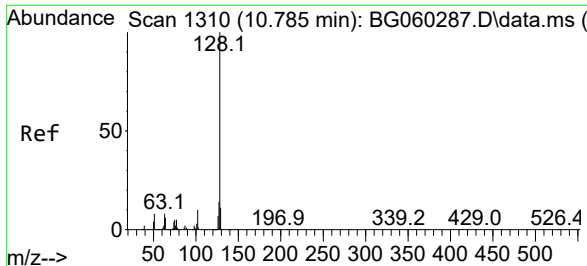
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#30
1,2,4-Trichlorobenzene
Concen: 35.574 ng
RT: 10.594 min Scan# 1277
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:180 Resp: 764063
Ion Ratio Lower Upper
180 100
182 96.1 72.7 109.1
145 23.5 18.2 27.2





#31
Naphthalene
Concen: 38.071 ng
RT: 10.782 min Scan# 1185
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

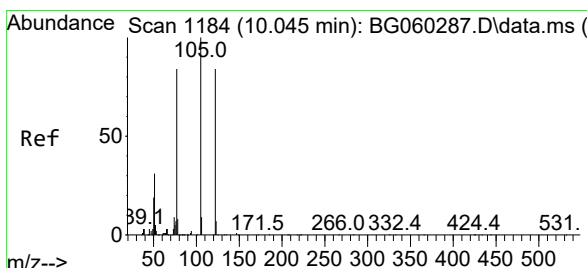
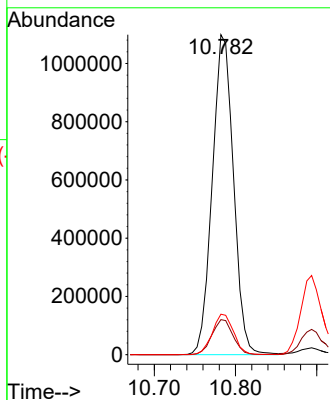
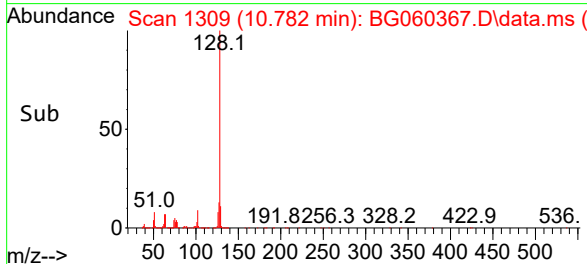
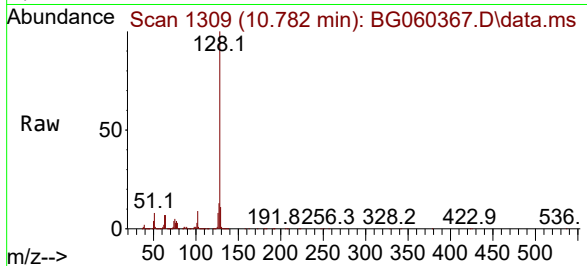
ClientSampleId :

PB158524BS

Tgt Ion:128 Resp: 199331
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.7 10.9 16.3

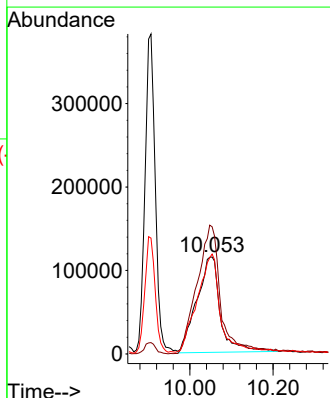
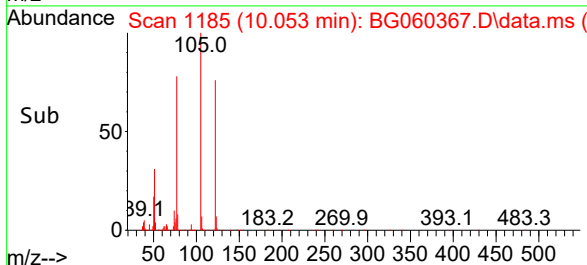
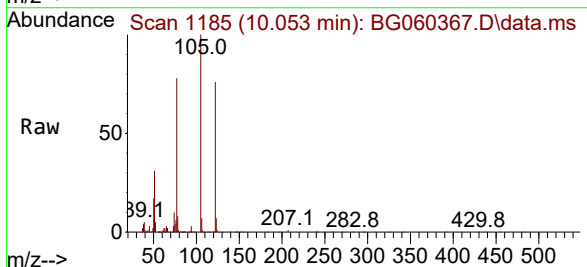
Manual Integrations
APPROVED

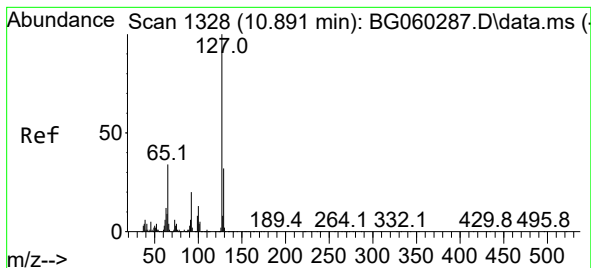
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#32
Benzoic acid
Concen: 47.879 ng
RT: 10.053 min Scan# 1185
Delta R.T. 0.008 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:122 Resp: 450155
Ion Ratio Lower Upper
122 100
105 131.3 96.0 136.0
77 102.9 80.1 120.1





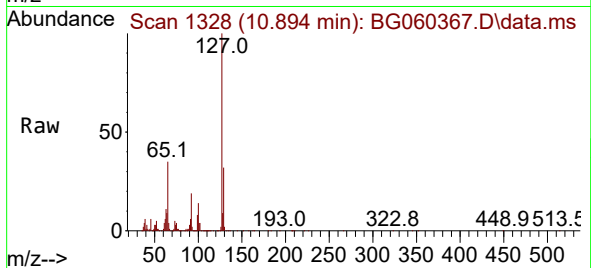
#33
4-Chloroaniline
Concen: 25.560 ng
RT: 10.894 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

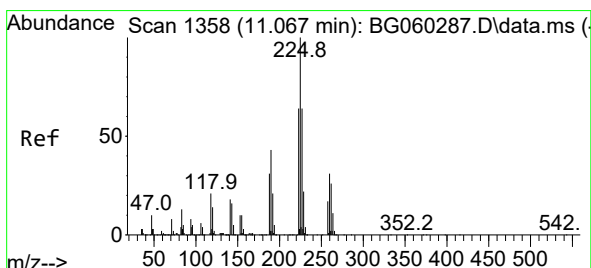
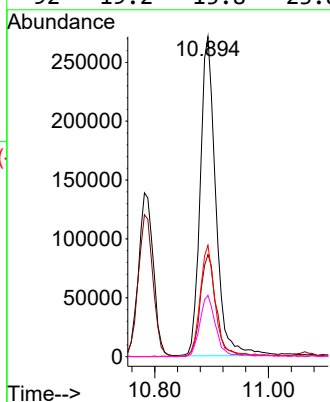
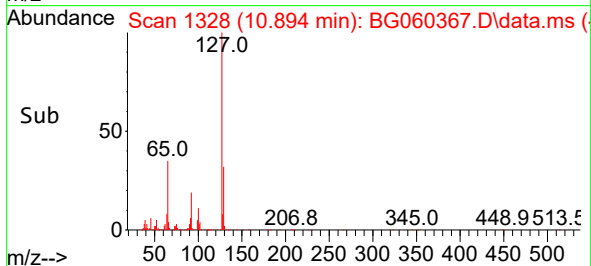


Tgt Ion:127 Resp: 515652
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 34.8 27.5 41.3
92 19.2 15.8 23.8

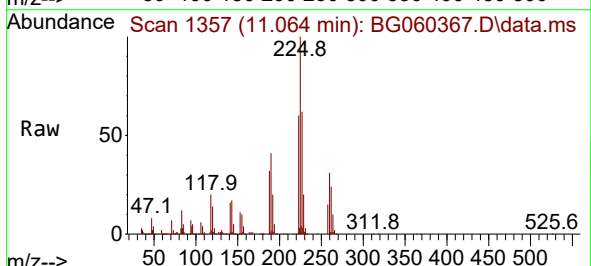
Manual Integrations

APPROVED

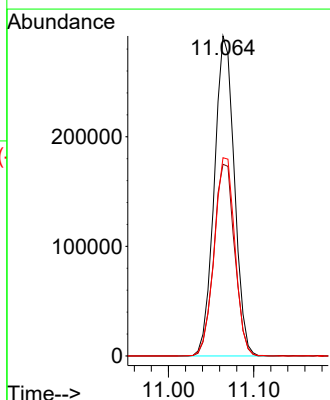
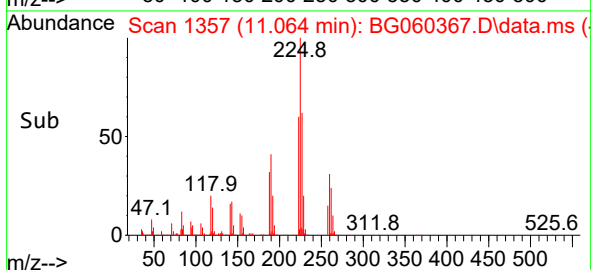
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

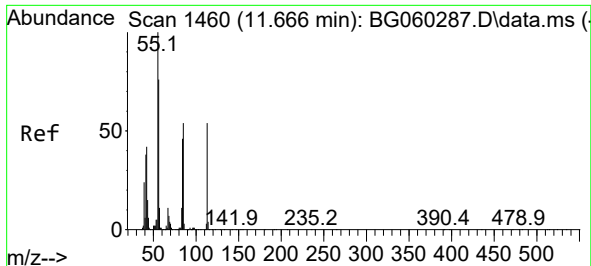


#34
Hexachlorobutadiene
Concen: 34.115 ng
RT: 11.064 min Scan# 1357
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



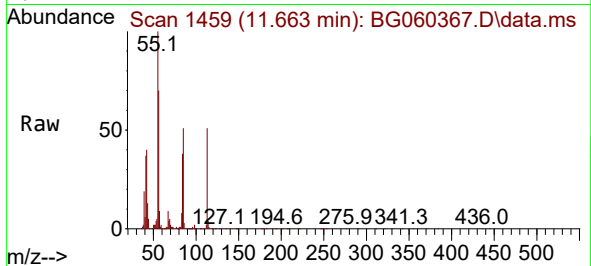
Tgt Ion:225 Resp: 477322
Ion Ratio Lower Upper
225 100
223 59.9 48.7 73.1
227 62.0 48.7 73.1





#35
Caprolactam
Concen: 52.096 ng m
RT: 11.663 min Scan# 1460
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

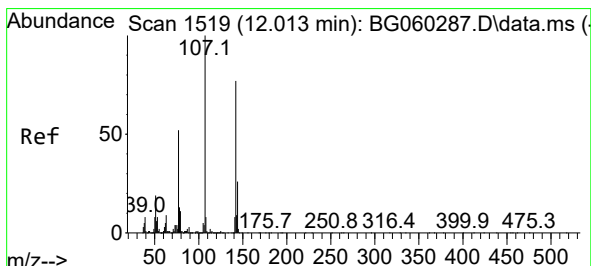
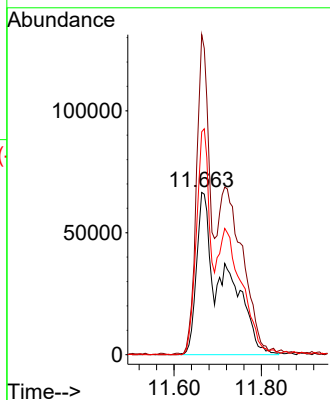
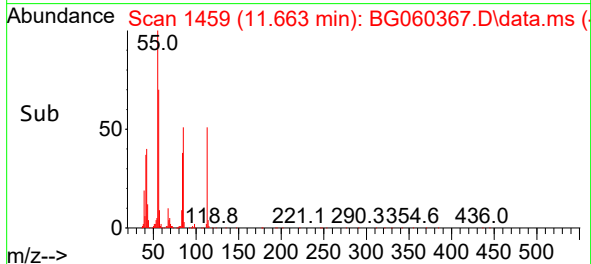
Instrument :
BNA_G
ClientSampleId :
PB158524BS



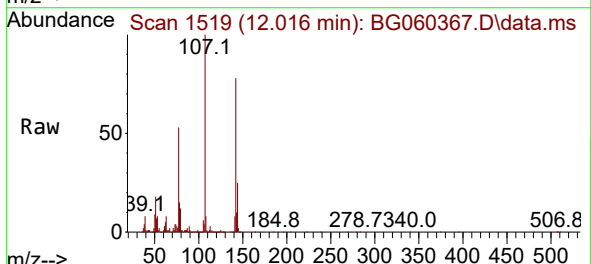
Tgt Ion:113 Resp: 289680
Ion Ratio Lower Upper
113 100
55 197.2 166.4 206.4
56 137.3 121.0 161.0

Manual Integrations
APPROVED

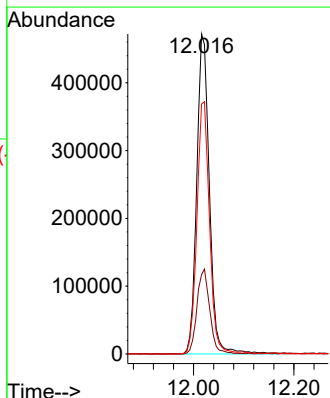
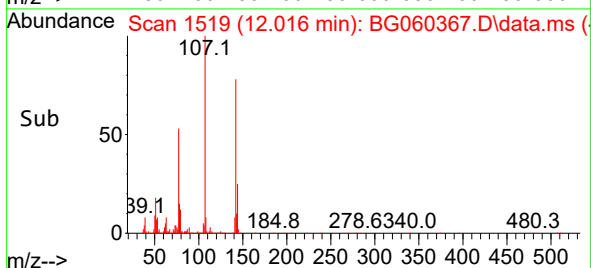
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

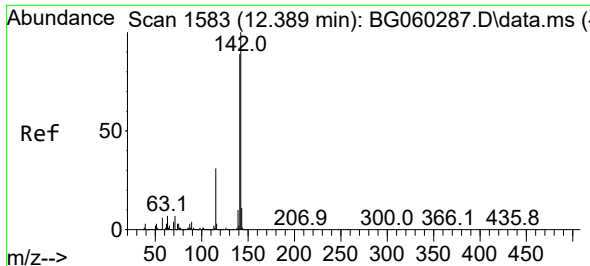


#36
4-Chloro-3-methylphenol
Concen: 47.121 ng
RT: 12.016 min Scan# 1519
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:107 Resp: 826435
Ion Ratio Lower Upper
107 100
144 24.8 20.6 31.0
142 78.1 61.5 92.3





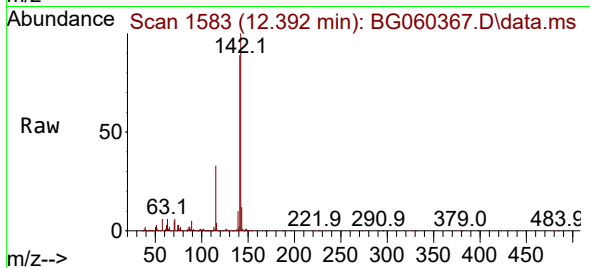
#37
2-Methylnaphthalene
Concen: 38.861 ng
RT: 12.392 min Scan# 1583
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

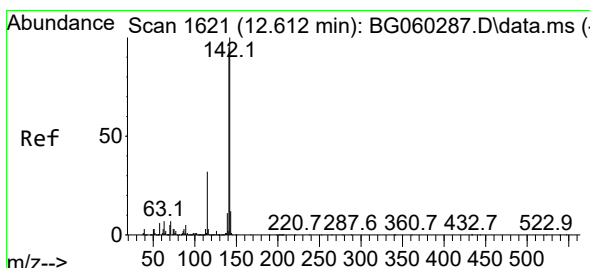
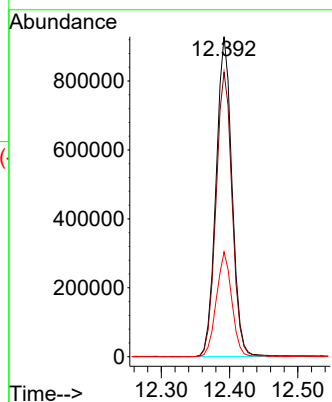
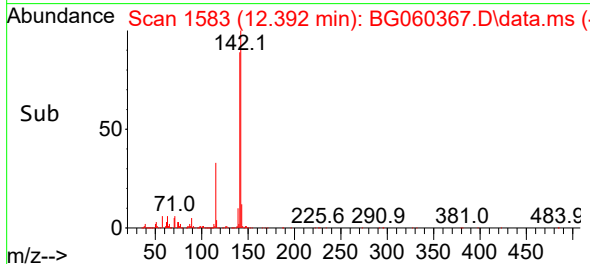


Tgt Ion:142 Resp: 1509060
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4
115 32.7 24.7 37.1

Manual Integrations

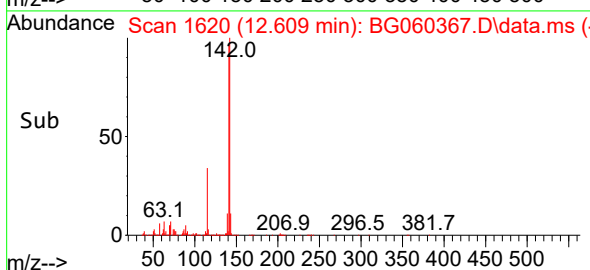
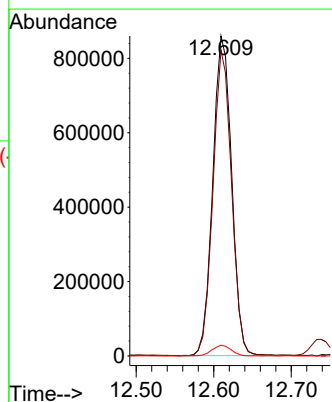
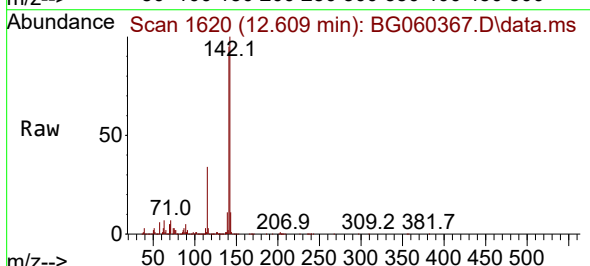
APPROVED

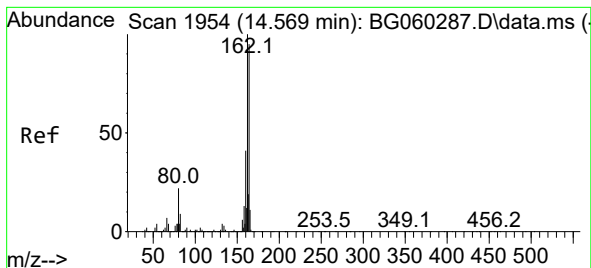
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#38
1-Methylnaphthalene
Concen: 37.199 ng
RT: 12.609 min Scan# 1620
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:142 Resp: 1450533
Ion Ratio Lower Upper
142 100
141 95.5 76.2 114.2
116 3.4 2.6 3.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.572 min Scan# 1954

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

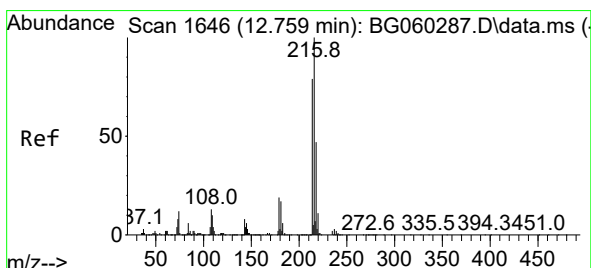
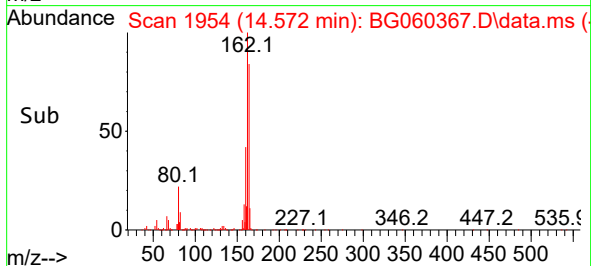
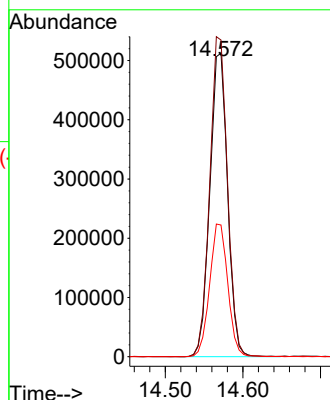
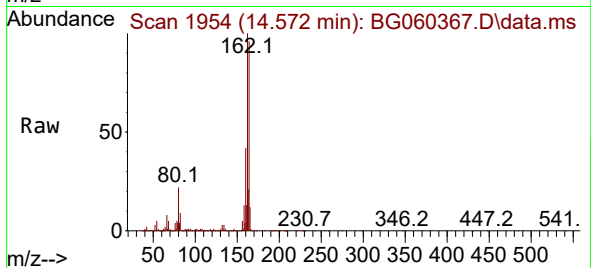
PB158524BS

Tgt Ion:	164	Resp:	814445
Ion Ratio	Lower	Upper	
164	100		
162	104.3	84.4	126.6
160	43.4	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.034 ng

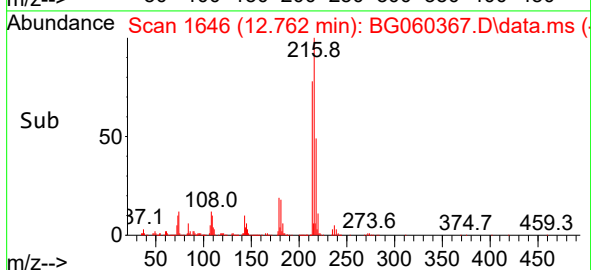
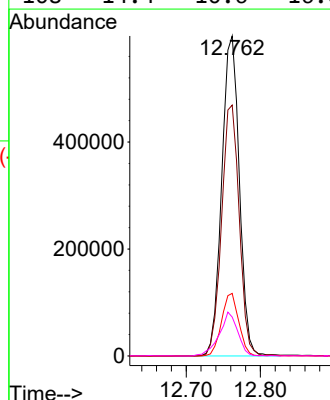
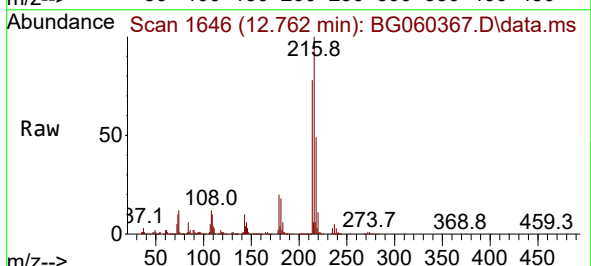
RT: 12.762 min Scan# 1646

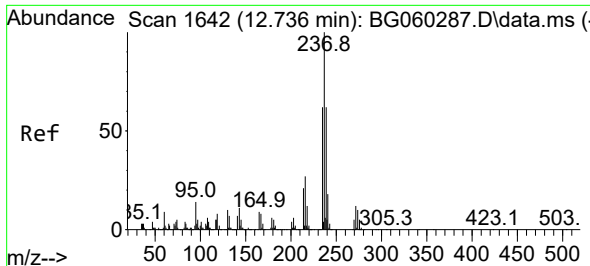
Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

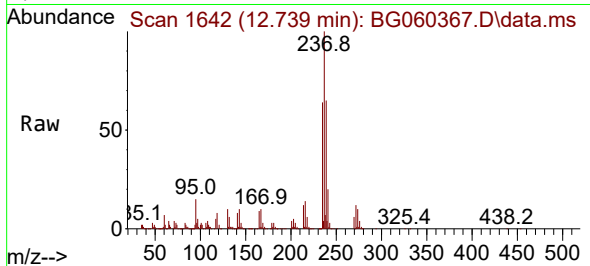
Tgt Ion:	216	Resp:	984450
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	93.8
179	19.2	14.8	22.2
108	14.4	10.6	16.0





#41
Hexachlorocyclopentadiene
Concen: 93.242 ng
RT: 12.739 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

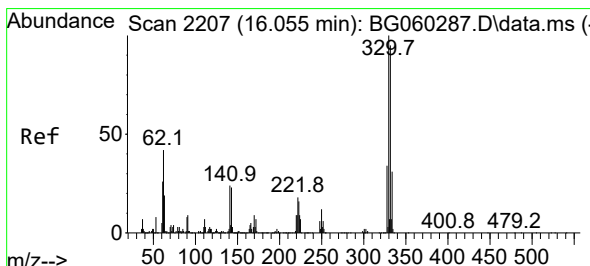
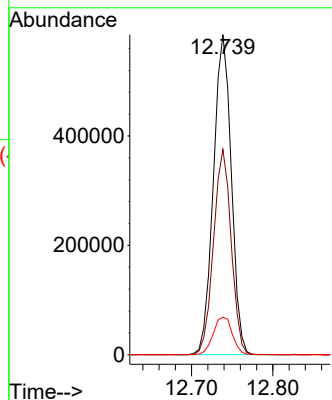
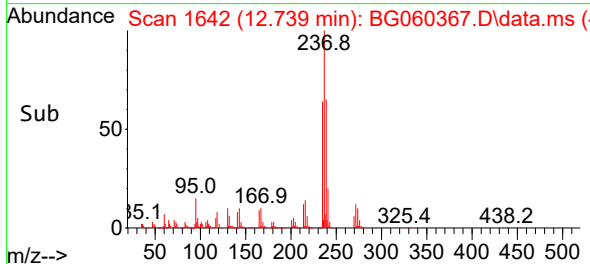
Instrument :
BNA_G
ClientSampleId :
PB158524BS



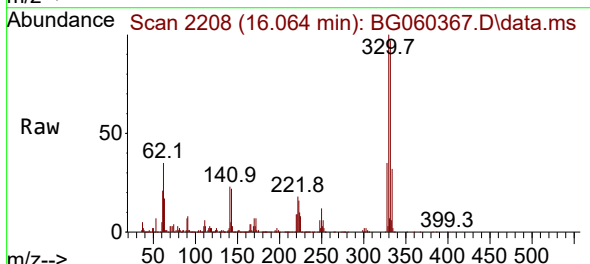
Tgt Ion:237 Resp: 89544
Ion Ratio Lower Upper
237 100
235 64.1 41.6 81.6
272 11.7 0.0 31.8

Manual Integrations
APPROVED

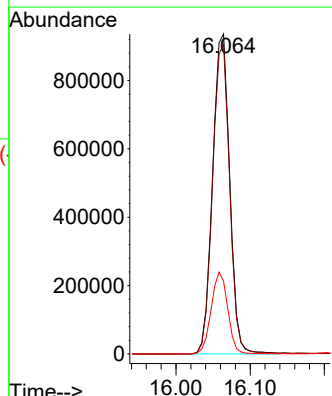
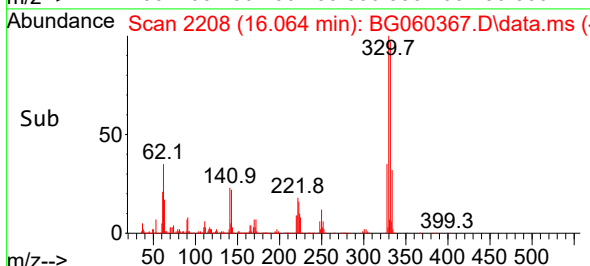
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

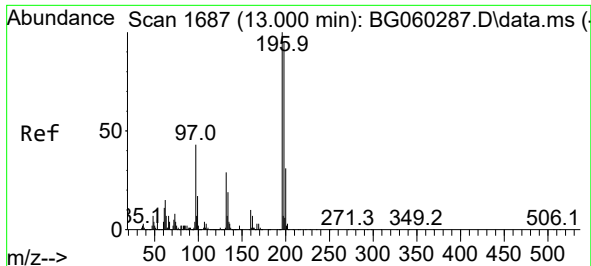


#42
2,4,6-Tribromophenol
Concen: 125.198 ng
RT: 16.064 min Scan# 2208
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



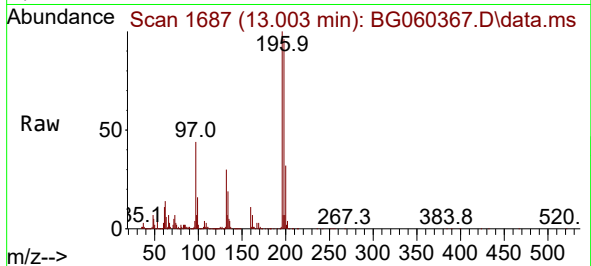
Tgt Ion:330 Resp: 1500225
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.8 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 40.511 ng
RT: 13.003 min Scan# 1700
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

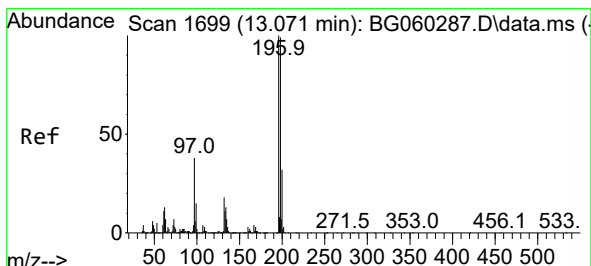
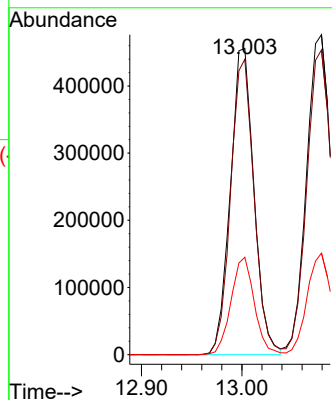
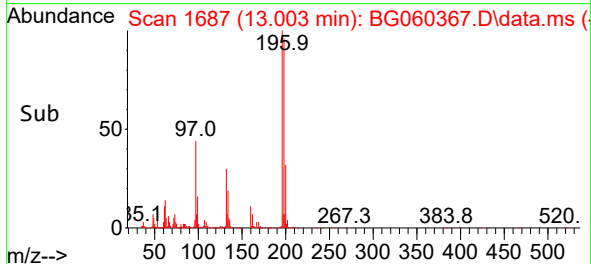
Instrument :
BNA_G
ClientSampleId :
PB158524BS



Tgt Ion:196 Resp: 74572
Ion Ratio Lower Upper
196 100
198 96.4 75.7 113.5
200 31.8 24.7 37.1

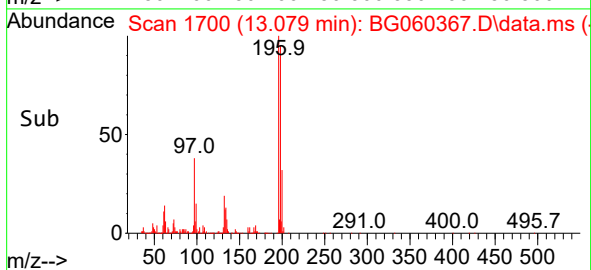
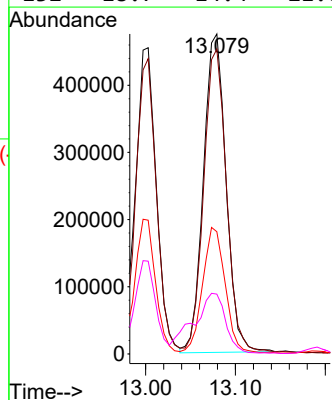
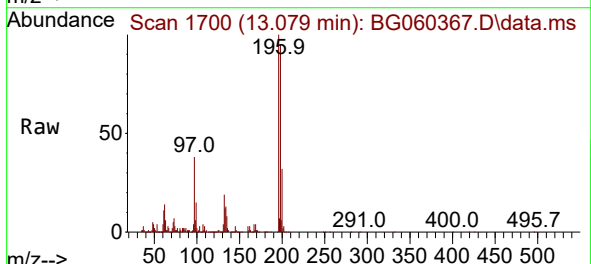
Manual Integrations
APPROVED

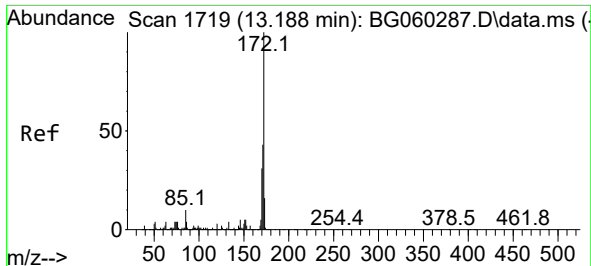
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#44
2,4,5-Trichlorophenol
Concen: 40.897 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:196 Resp: 830344
Ion Ratio Lower Upper
196 100
198 95.2 78.6 118.0
97 38.2 30.6 46.0
132 18.7 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 66.660 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

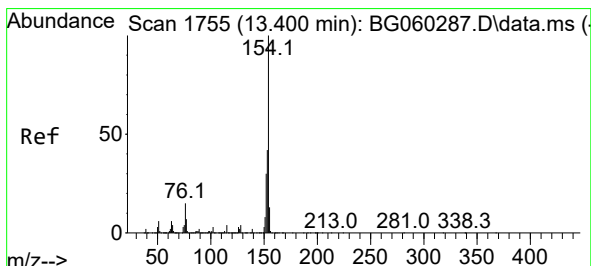
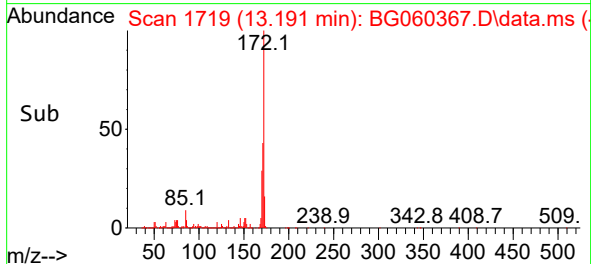
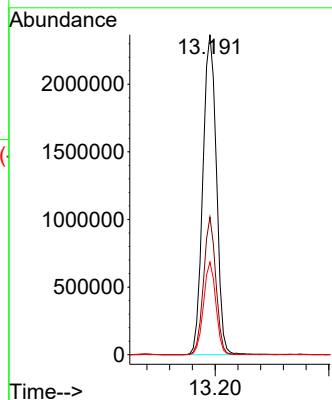
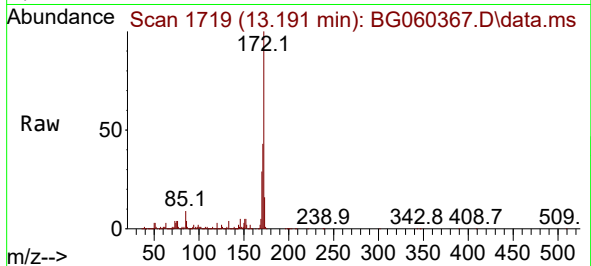
PB158524BS

Tgt Ion:172 Resp: 390493
Ion Ratio Lower Upper
172 100
171 43.0 34.6 51.8
170 28.9 24.4 36.6

Manual Integrations

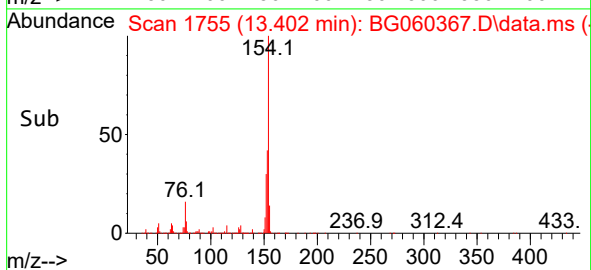
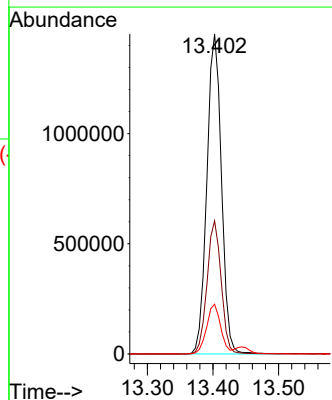
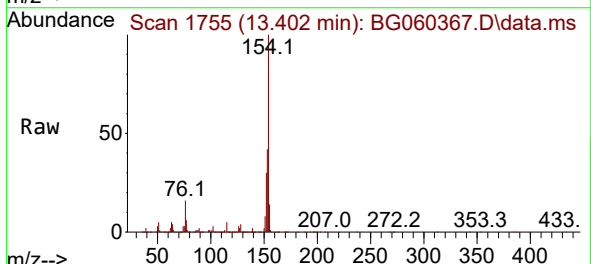
APPROVED

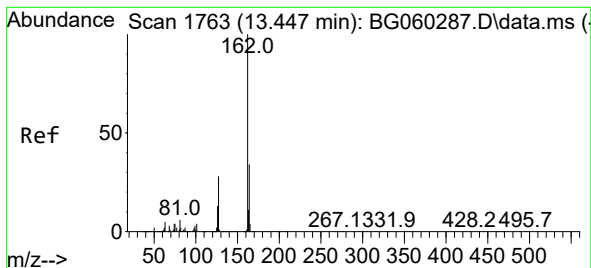
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#46
1,1'-Biphenyl
Concen: 36.580 ng
RT: 13.402 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

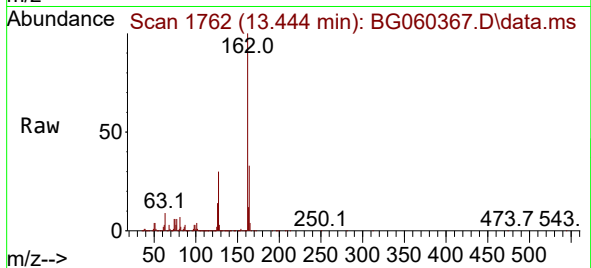
Tgt Ion:154 Resp: 2248831
Ion Ratio Lower Upper
154 100
153 41.6 22.0 62.0
76 15.5 0.0 35.2





#47
2-Chloronaphthalene
Concen: 35.248 ng
RT: 13.444 min Scan# 1762
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

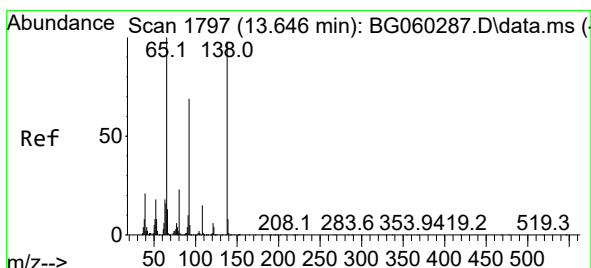
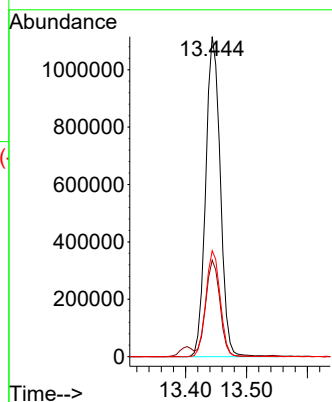
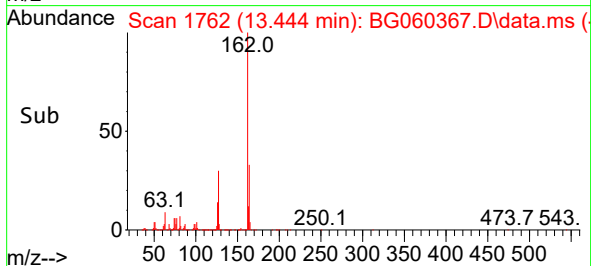
Instrument :
BNA_G
ClientSampleId :
PB158524BS



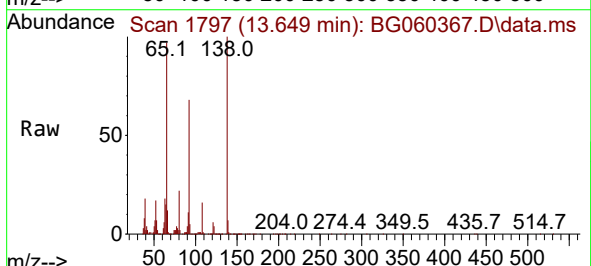
Tgt Ion: 162 Resp: 185639
Ion Ratio Lower Upper
162 100
127 30.2 23.5 35.3
164 33.1 26.9 40.3

Manual Integrations
APPROVED

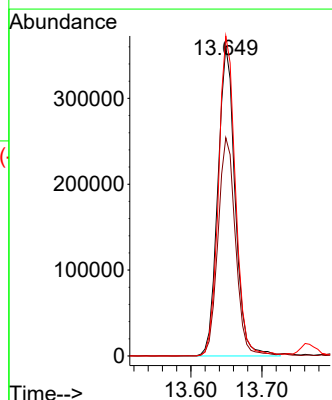
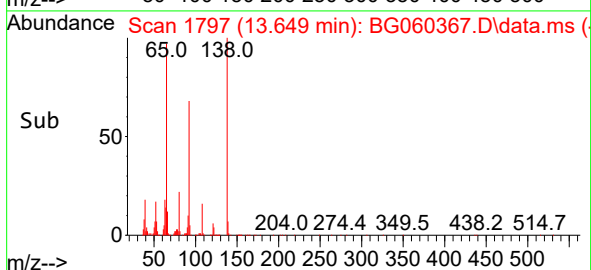
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

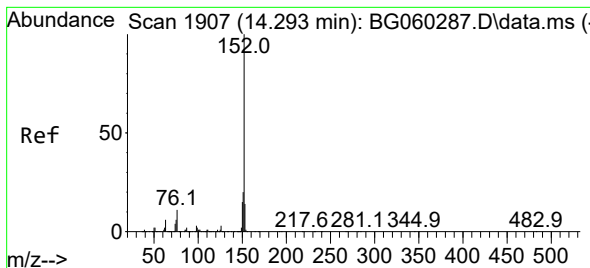


#48
2-Nitroaniline
Concen: 46.216 ng
RT: 13.649 min Scan# 1797
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion: 65 Resp: 606178
Ion Ratio Lower Upper
65 100
92 70.5 55.0 82.6
138 103.3 78.1 117.1





#49

Acenaphthylene

Concen: 40.309 ng

RT: 14.290 min Scan# 1907

Delta R.T. -0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

Tgt Ion:152 Resp: 292343

Ion Ratio Lower Upper

152 100

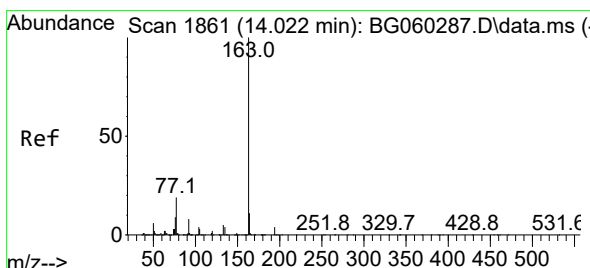
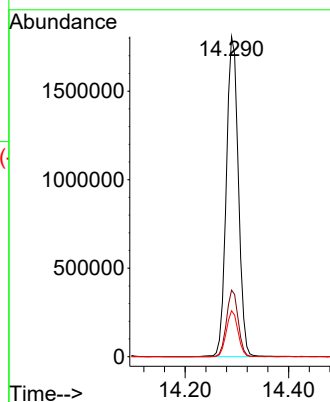
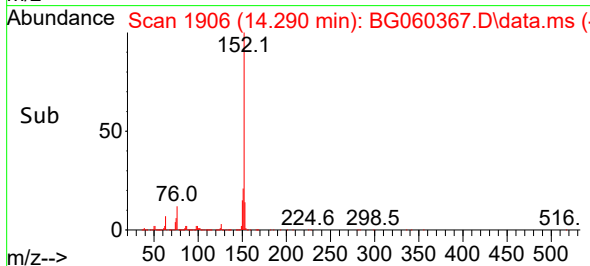
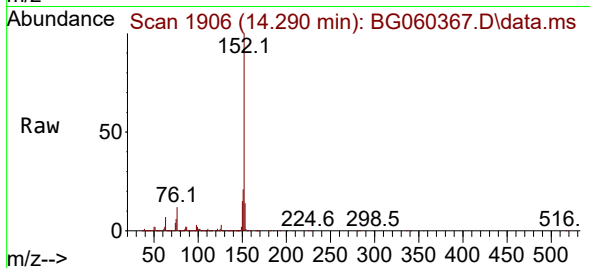
151 20.8 16.1 24.1

153 14.3 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#50

Dimethylphthalate

Concen: 41.328 ng

RT: 14.025 min Scan# 1861

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

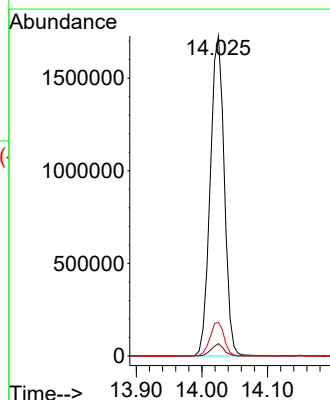
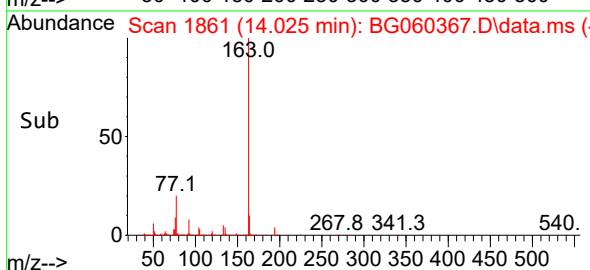
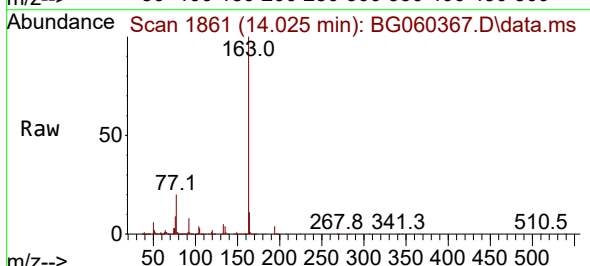
Tgt Ion:163 Resp: 2572151

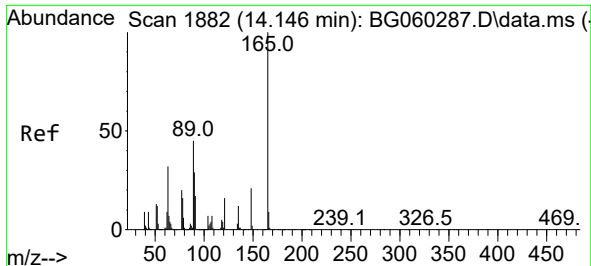
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.5 8.8 13.2





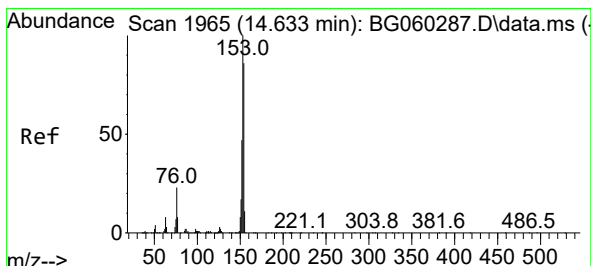
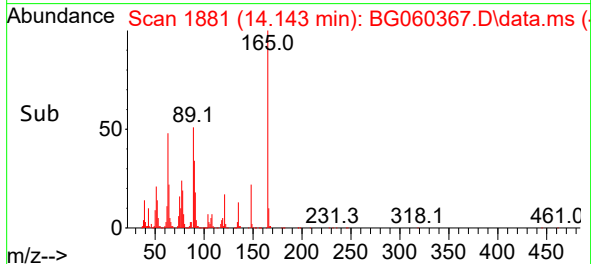
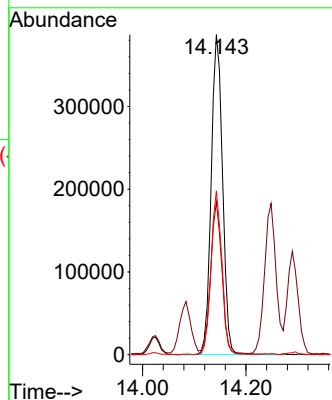
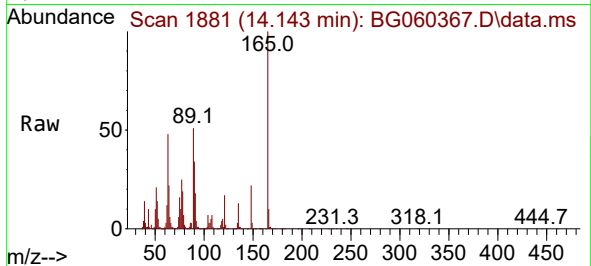
#51
2,6-Dinitrotoluene
Concen: 44.471 ng
RT: 14.143 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :
BNA_G
ClientSampleId :
PB158524BS

Tgt Ion:165 Resp: 590602
Ion Ratio Lower Upper
165 100
63 47.8 35.0 52.4
89 51.2 36.2 54.2

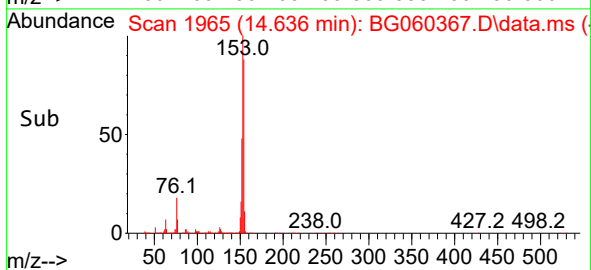
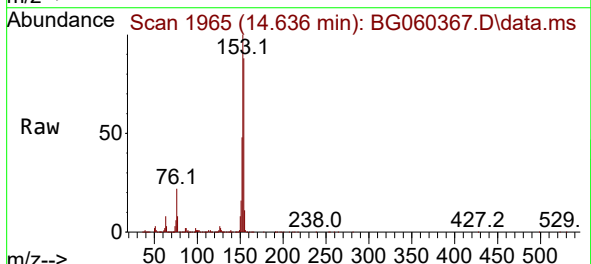
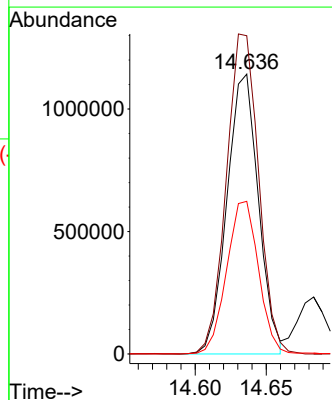
Manual Integrations
APPROVED

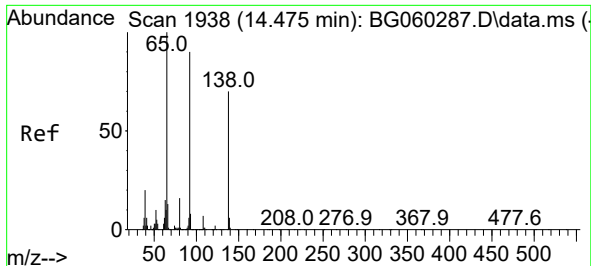
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#52
Acenaphthene
Concen: 38.970 ng
RT: 14.636 min Scan# 1965
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

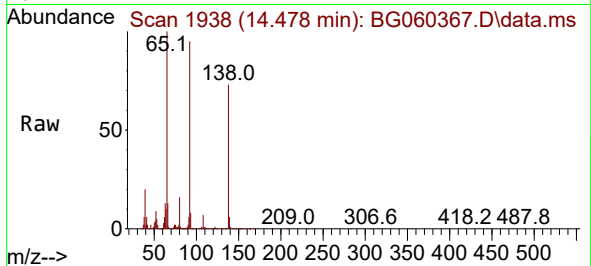
Tgt Ion:154 Resp: 1759893
Ion Ratio Lower Upper
154 100
153 113.7 92.6 138.8
152 54.5 43.8 65.8





#53
3-Nitroaniline
Concen: 35.552 ng
RT: 14.478 min Scan# 1938
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

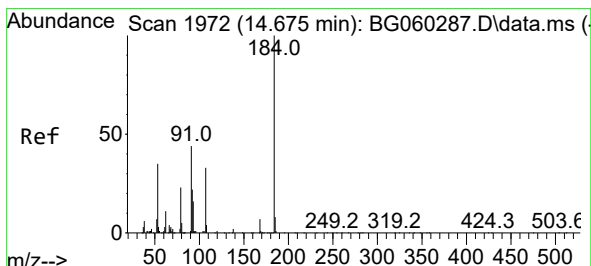
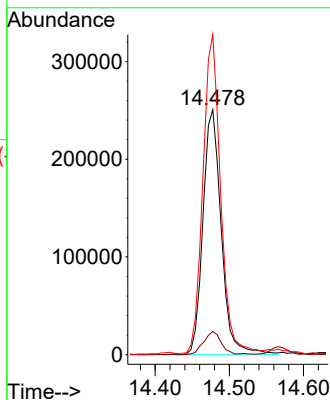
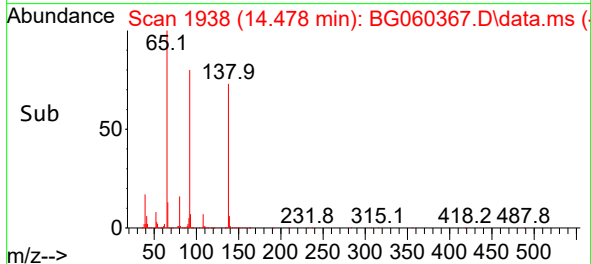
Instrument :
BNA_G
ClientSampleId :
PB158524BS



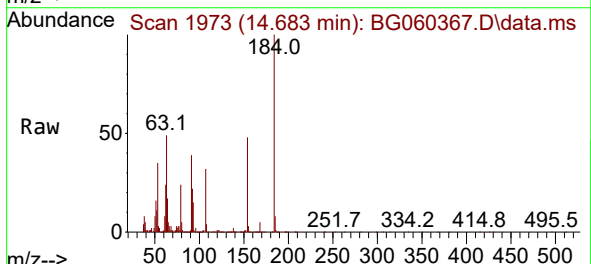
Tgt Ion:138 Resp: 430224
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 130.7 102.4 153.6

Manual Integrations
APPROVED

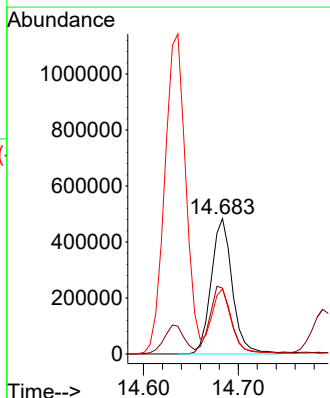
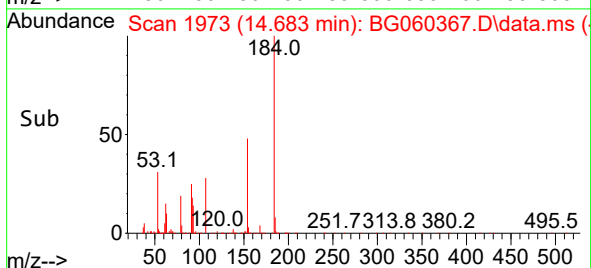
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

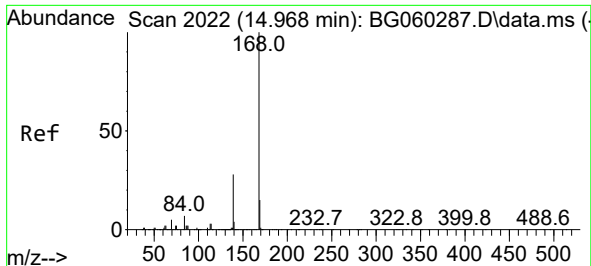


#54
2,4-Dinitrophenol
Concen: 91.311 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.008 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:184 Resp: 746194
Ion Ratio Lower Upper
184 100
63 48.6 41.0 61.4
154 48.1 39.2 58.8





#55
Dibenzenofuran
Concen: 39.905 ng
RT: 14.965 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

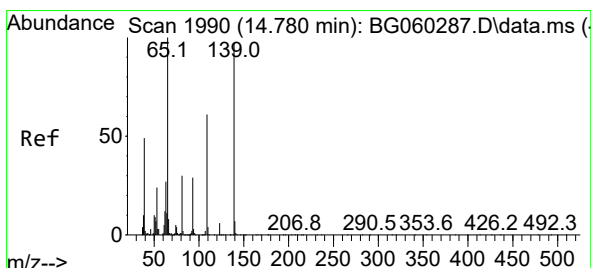
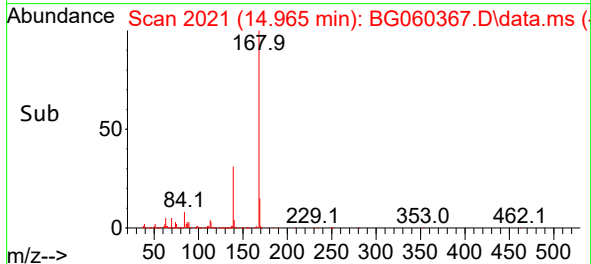
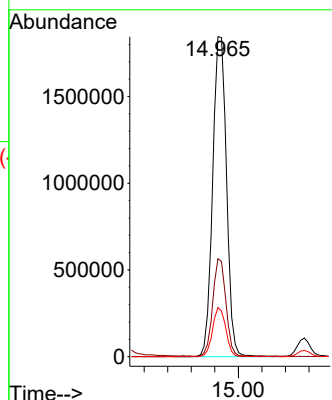
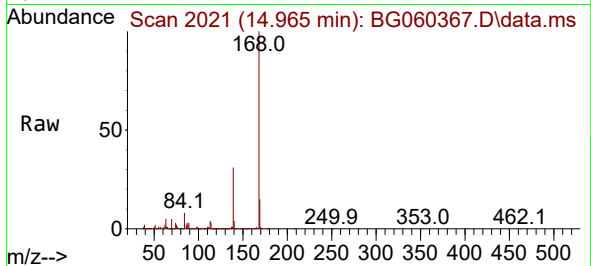
PB158524BS

Tgt Ion:168 Resp: 300835
Ion Ratio Lower Upper
168 100
139 30.6 22.6 34.0
169 15.3 12.1 18.1

Manual Integrations

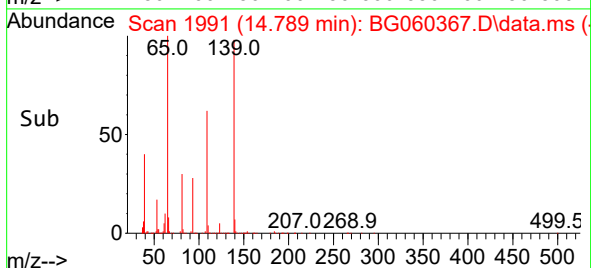
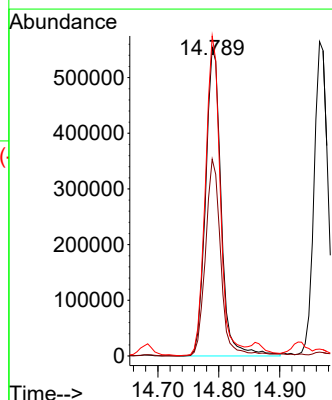
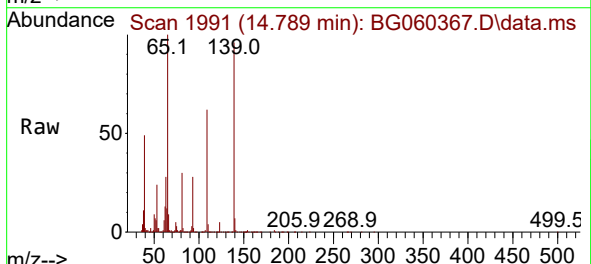
APPROVED

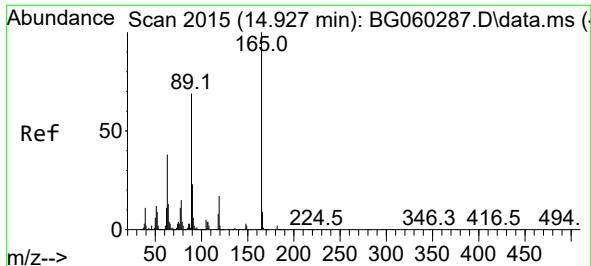
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#56
4-Nitrophenol
Concen: 109.272 ng
RT: 14.789 min Scan# 1991
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:139 Resp: 980804
Ion Ratio Lower Upper
139 100
109 63.8 42.2 82.2
65 103.7 83.3 123.3





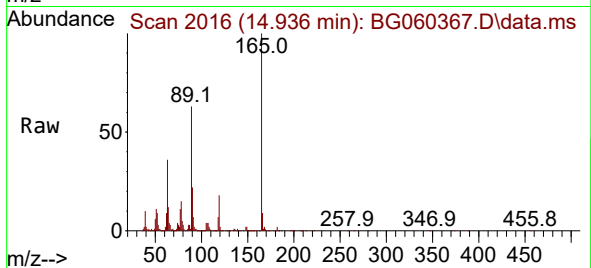
#57
2,4-Dinitrotoluene
Concen: 47.617 ng
RT: 14.936 min Scan# 2015
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

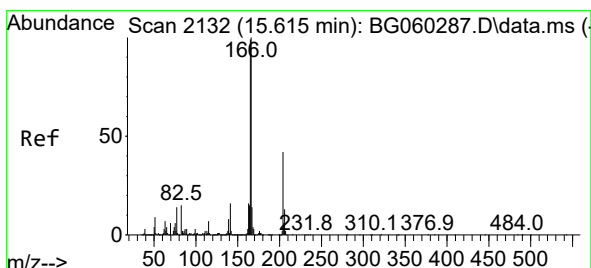
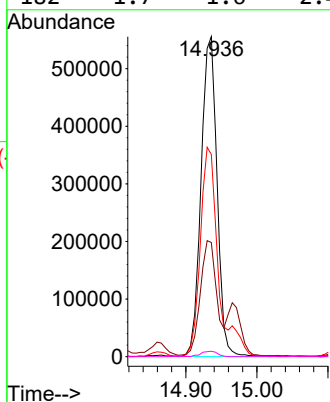
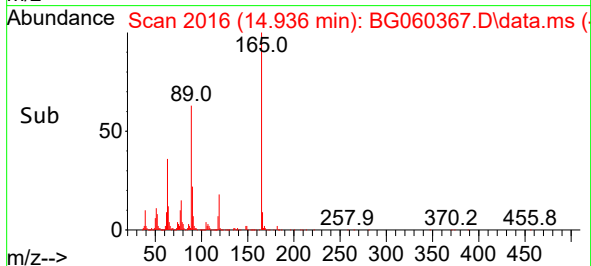
PB158524BS



Tgt Ion:165 Resp: 867178
Ion Ratio Lower Upper
165 100
63 35.7 30.4 45.6
89 63.2 55.4 83.0
182 1.7 1.6 2.4

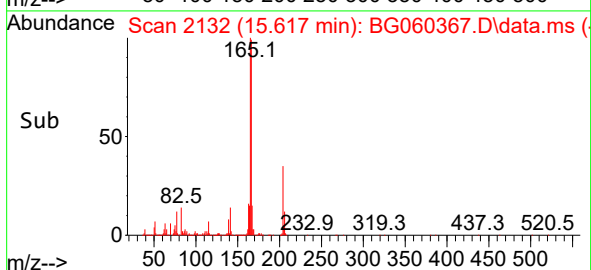
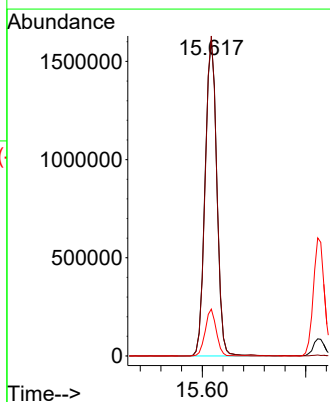
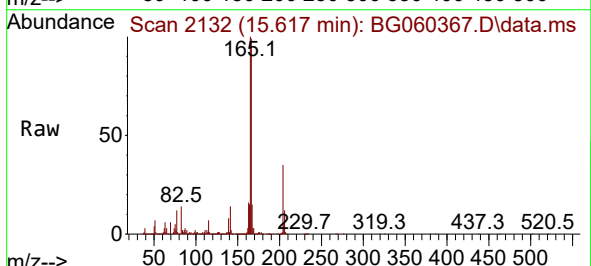
Manual Integrations
APPROVED

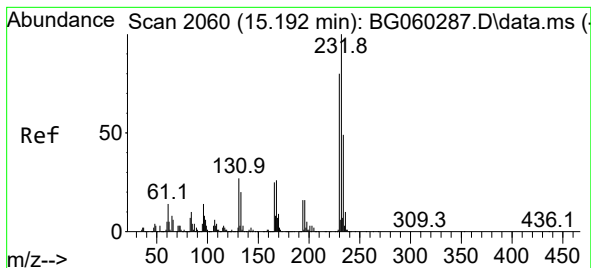
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#58
Fluorene
Concen: 40.404 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

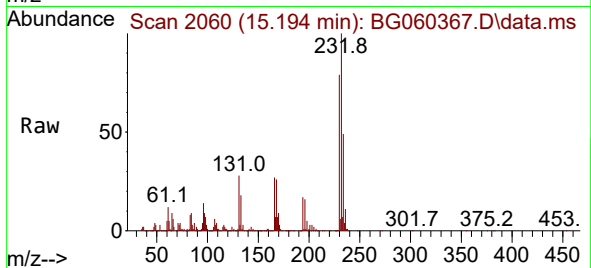
Tgt Ion:166 Resp: 2522437
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.6
167 14.9 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.694 ng
RT: 15.194 min Scan# 2060
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

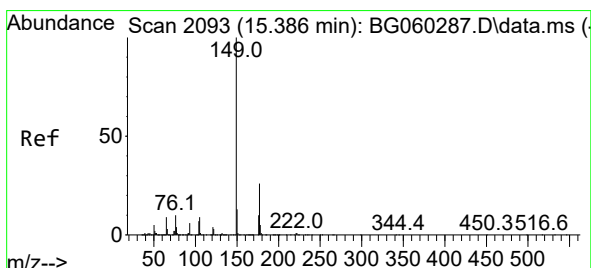
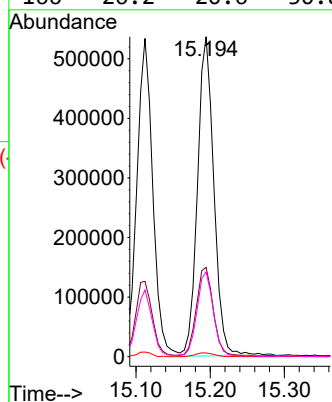
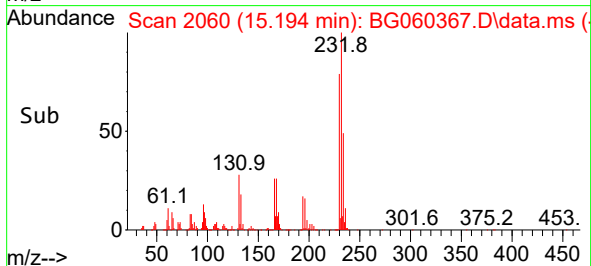
Instrument :
BNA_G
ClientSampleId :
PB158524BS



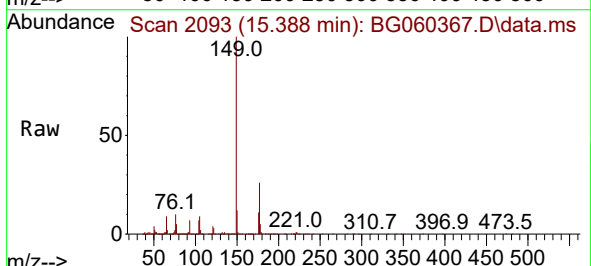
Tgt Ion:232 Resp: 822289
Ion Ratio Lower Upper
232 100
131 29.0 22.7 34.1
130 1.4 1.1 1.7
166 26.2 20.6 30.8

Manual Integrations
APPROVED

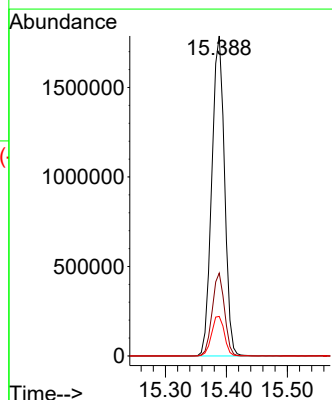
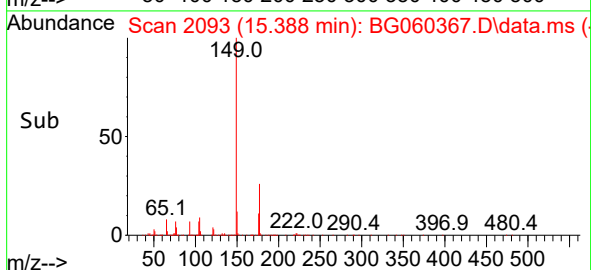
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

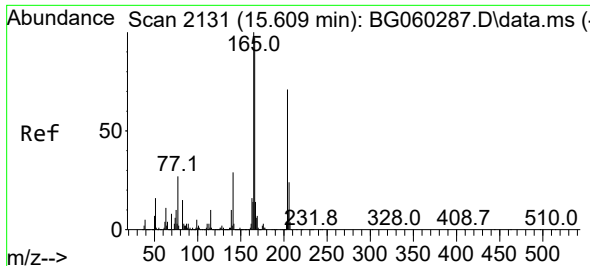


#60
Diethylphthalate
Concen: 43.491 ng
RT: 15.388 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:149 Resp: 2598598
Ion Ratio Lower Upper
149 100
177 25.9 20.9 31.3
150 12.4 10.2 15.2





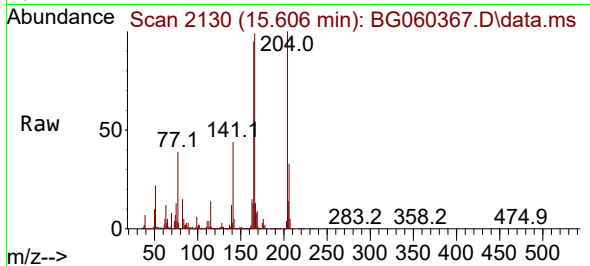
#61
4-Chlorophenyl-phenylether
Concen: 39.243 ng
RT: 15.606 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

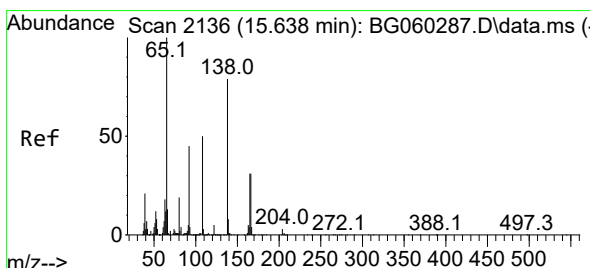
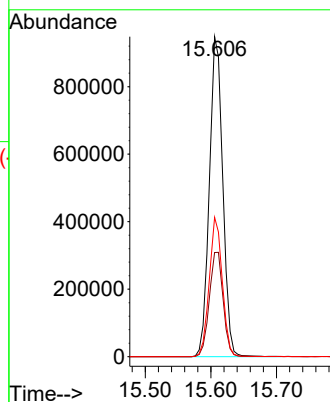
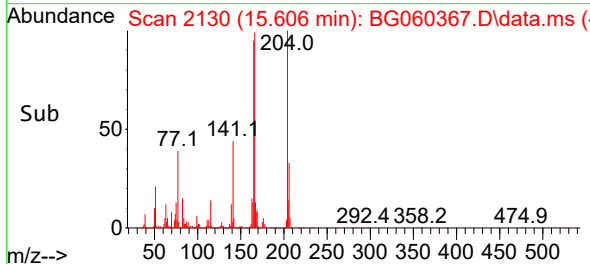


Tgt Ion:204 Resp: 1349608
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 43.5 32.2 48.2

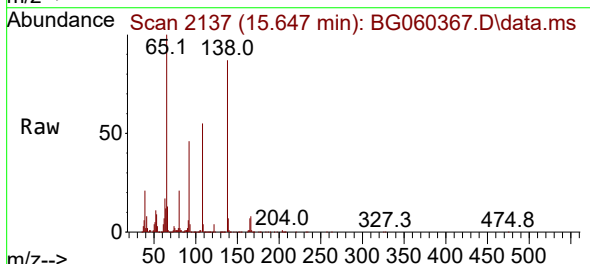
Manual Integrations

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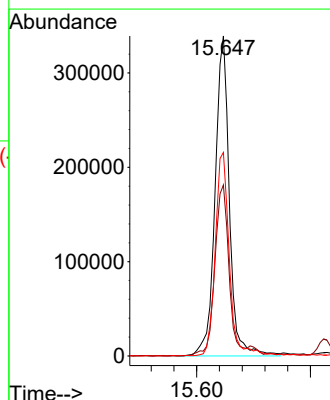
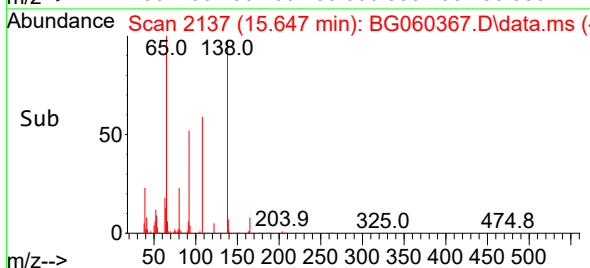
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

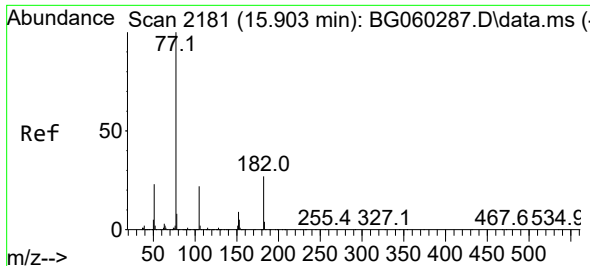


#62
4-Nitroaniline
Concen: 45.958 ng
RT: 15.647 min Scan# 2137
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:138 Resp: 591912
Ion Ratio Lower Upper
138 100
92 53.5 37.0 77.0
108 63.6 43.1 83.1





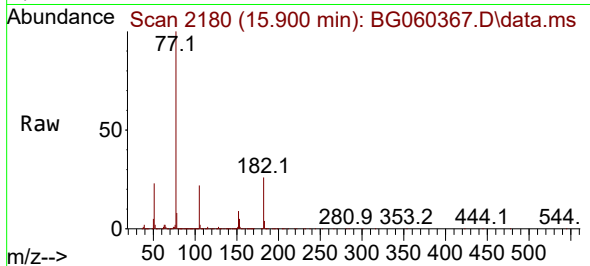
#63
Azobenzene
Concen: 41.060 ng
RT: 15.900 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

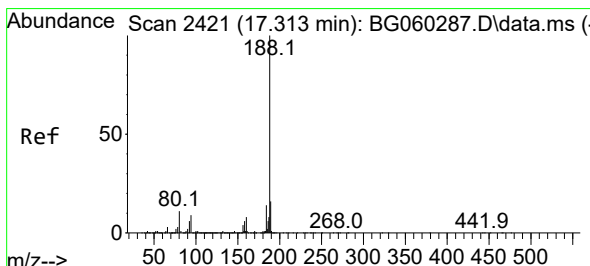
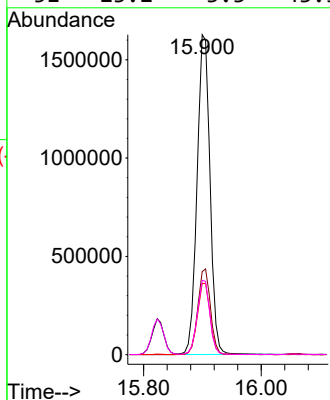
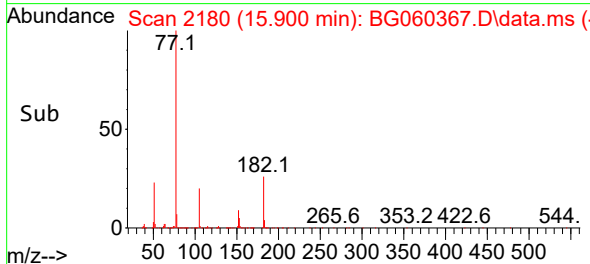


Tgt Ion: 77 Resp: 2481464
Ion Ratio Lower Upper
77 100
182 25.9 6.5 46.5
105 22.3 1.8 41.8
51 23.2 3.3 43.3

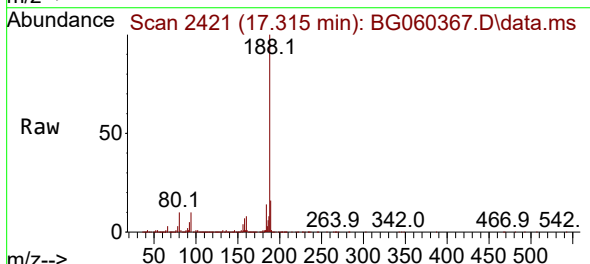
Manual Integrations

APPROVED

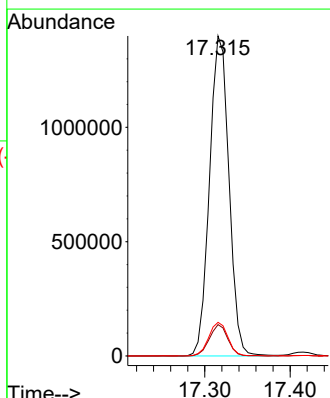
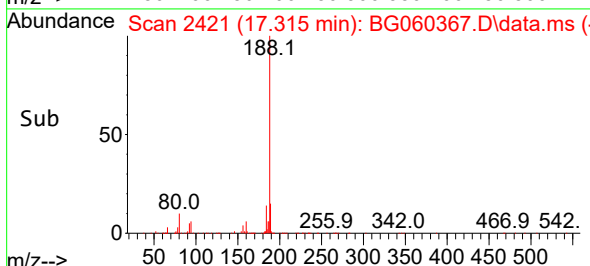
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

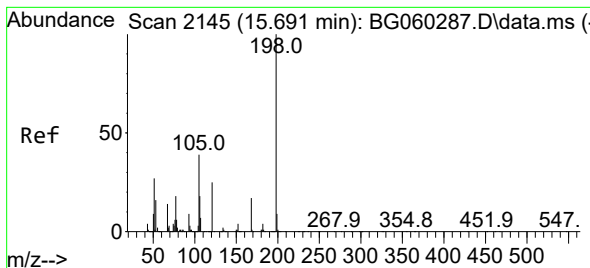


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:188 Resp: 2214924
Ion Ratio Lower Upper
188 100
94 9.8 7.1 10.7
80 10.5 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 45.733 ng
RT: 15.694 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

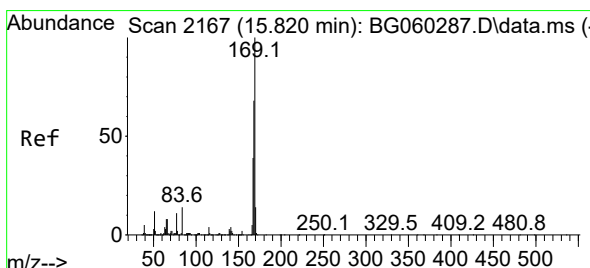
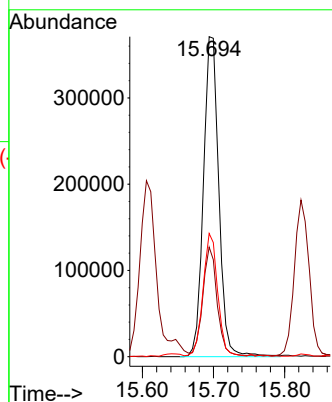
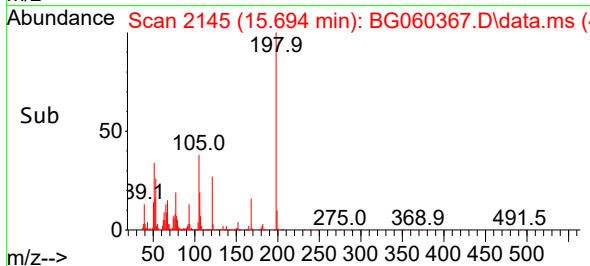
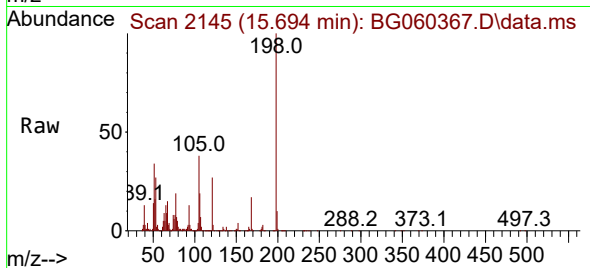
ClientSampleId :

PB158524BS

Tgt Ion:198 Resp: 560382
Ion Ratio Lower Upper
198 100
51 34.3 11.8 51.8
105 38.5 20.3 60.3

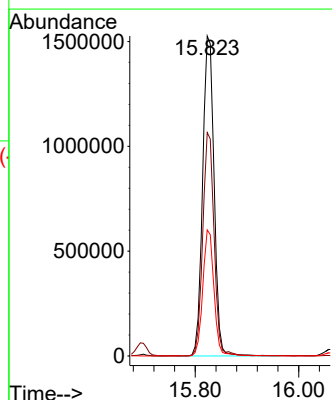
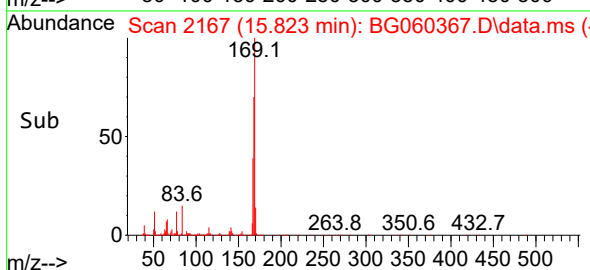
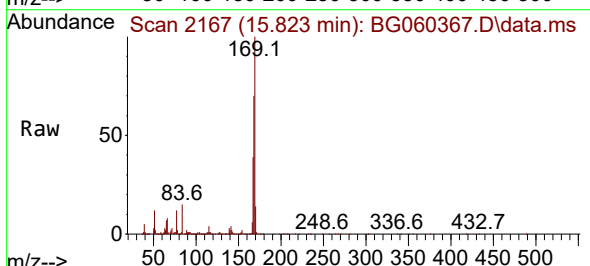
Manual Integrations
APPROVED

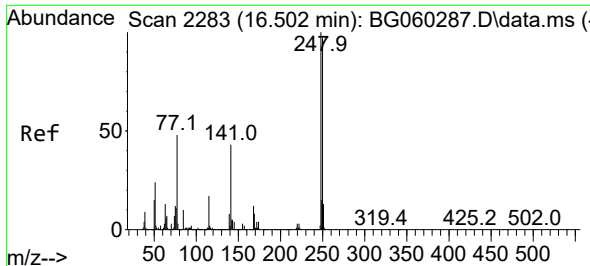
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#66
n-Nitrosodiphenylamine
Concen: 39.801 ng
RT: 15.823 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:169 Resp: 2340761
Ion Ratio Lower Upper
169 100
168 69.8 54.4 81.6
167 39.4 31.2 46.8





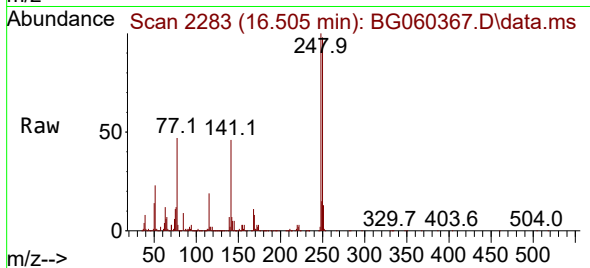
#67
4-Bromophenyl-phenylether
Concen: 38.590 ng
RT: 16.505 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

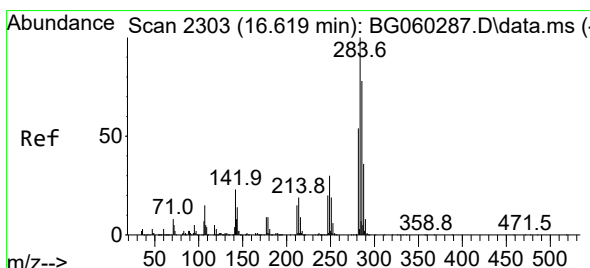
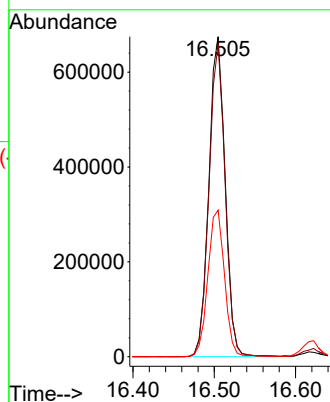
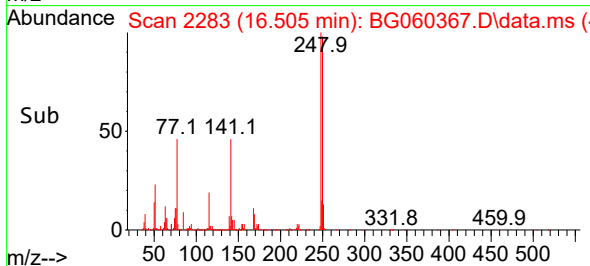


Tgt Ion:248 Resp: 93917
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 45.8 34.2 51.4

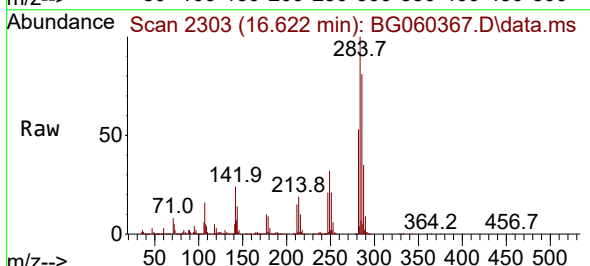
Manual Integrations

APPROVED

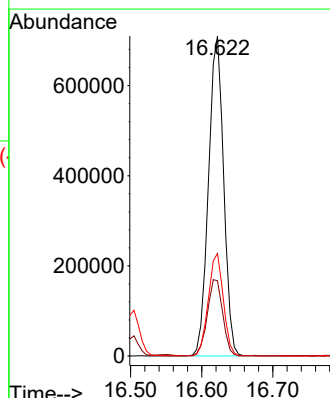
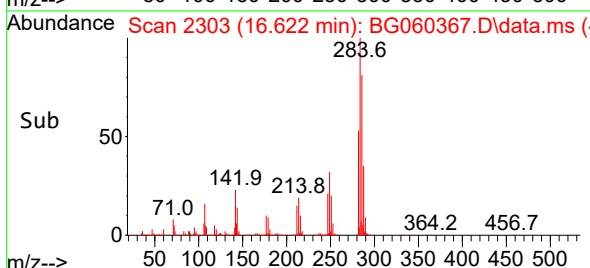
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

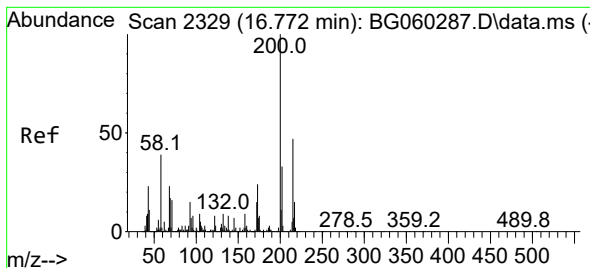


#68
Hexachlorobenzene
Concen: 36.563 ng
RT: 16.622 min Scan# 2303
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:284 Resp: 1053320
Ion Ratio Lower Upper
284 100
142 23.5 18.2 27.4
249 32.1 24.3 36.5





#69

Atrazine

Concen: 60.468 ng

RT: 16.775 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

Tgt Ion:200 Resp: 134095

Ion Ratio Lower Upper

200 100

173 25.7 4.1 44.1

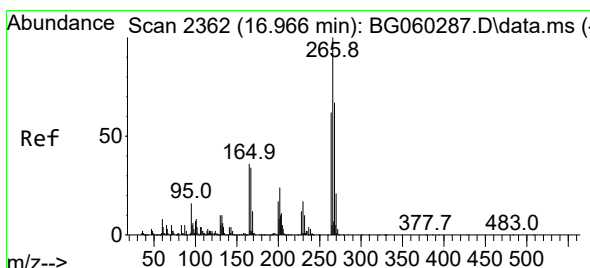
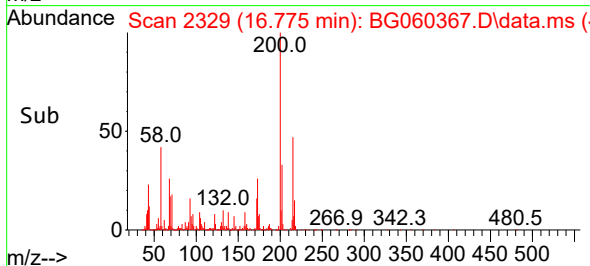
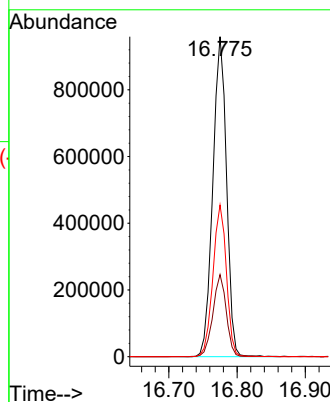
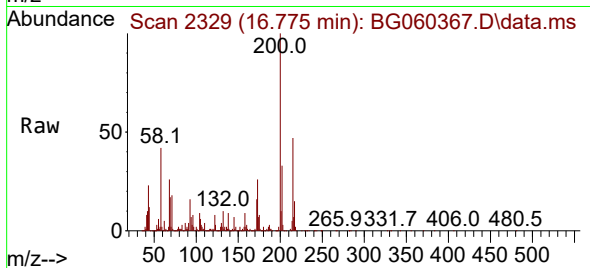
215 47.4 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/22/2024

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#70

Pentachlorophenol

Concen: 95.820 ng

RT: 16.969 min Scan# 2362

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

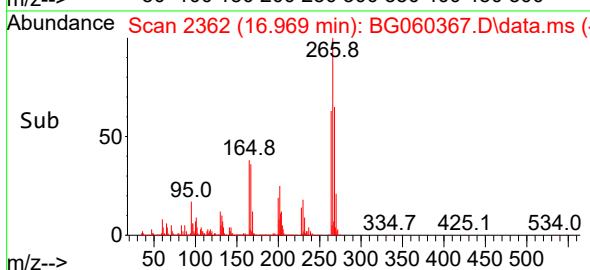
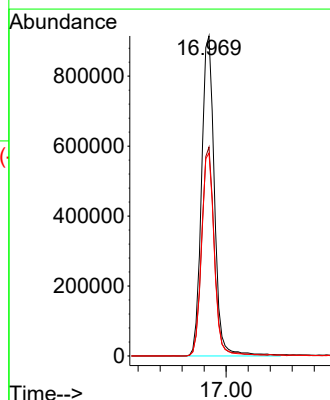
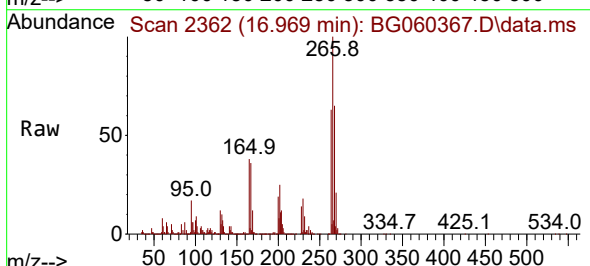
Tgt Ion:266 Resp: 1487940

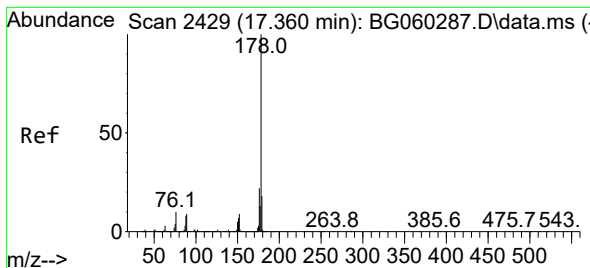
Ion Ratio Lower Upper

266 100

268 65.3 57.4 86.2

264 63.4 49.8 74.8





#71

Phenanthrene

Concen: 39.059 ng

RT: 17.362 min Scan# 2429

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

Tgt Ion:178 Resp: 4181684

Ion Ratio Lower Upper

178 100

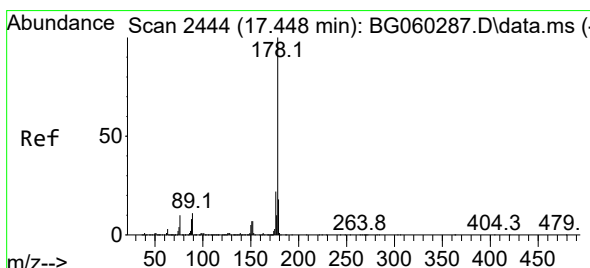
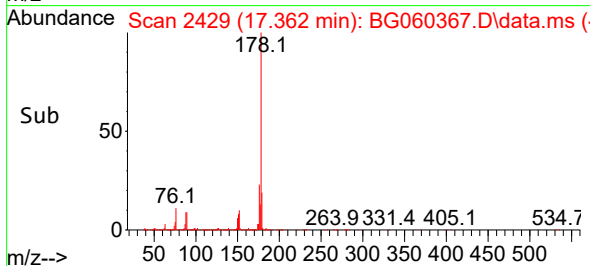
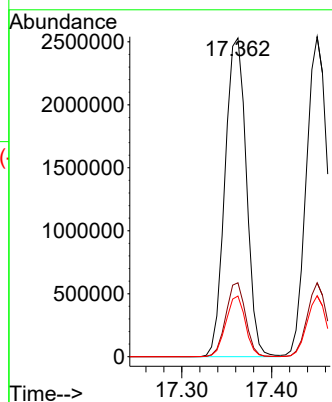
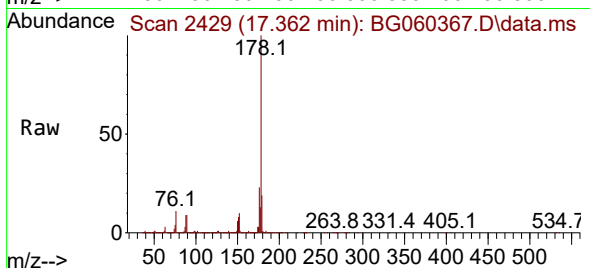
176 23.2 17.4 26.2

179 19.0 14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#72

Anthracene

Concen: 39.188 ng

RT: 17.451 min Scan# 2444

Delta R.T. 0.003 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

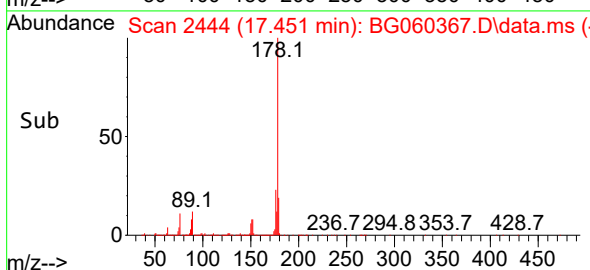
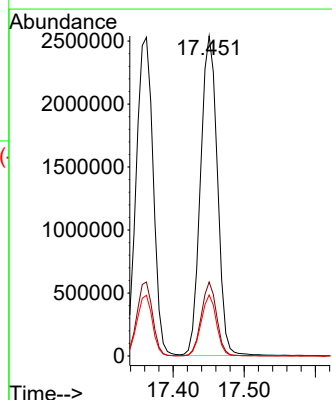
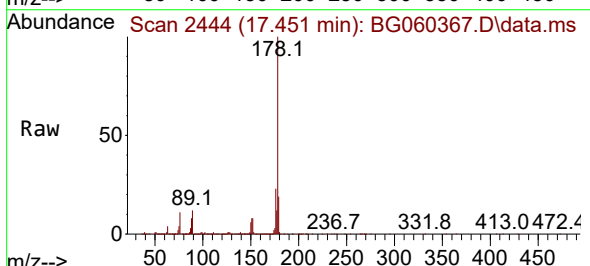
Tgt Ion:178 Resp: 4188770

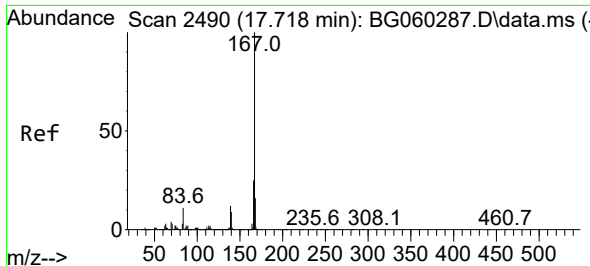
Ion Ratio Lower Upper

178 100

176 23.1 17.8 26.6

179 19.1 14.1 21.1





#73
 Carbazole
 Concen: 38.871 ng
 RT: 17.721 min Scan# 2490
 Delta R.T. 0.003 min
 Lab File: BG060367.D
 Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

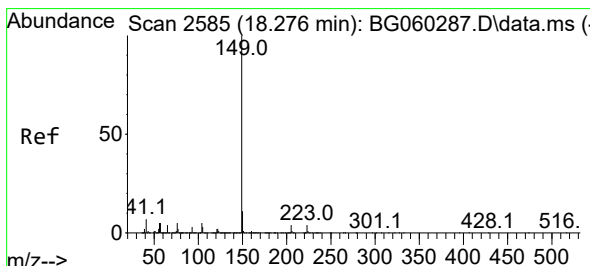
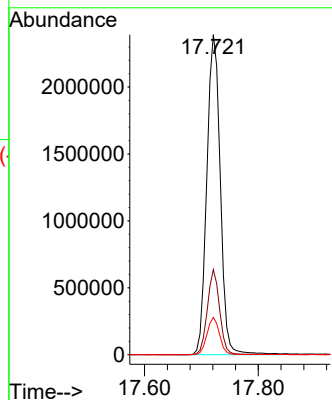
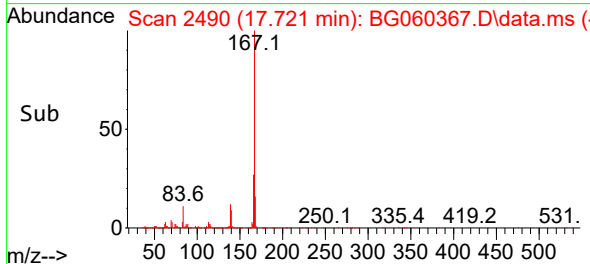
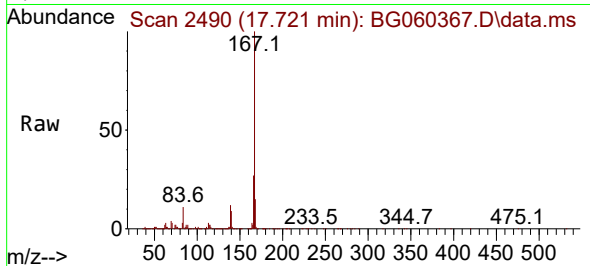
ClientSampleId :

PB158524BS

Tgt Ion:167 Resp: 391701
 Ion Ratio Lower Upper
 167 100
 166 26.6 19.8 29.8
 139 11.6 9.3 13.9

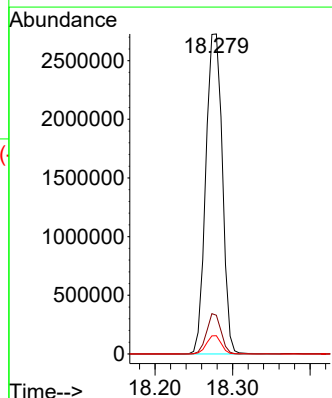
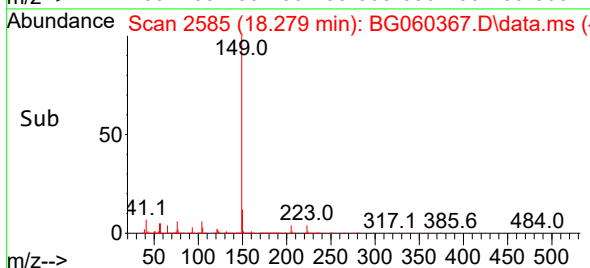
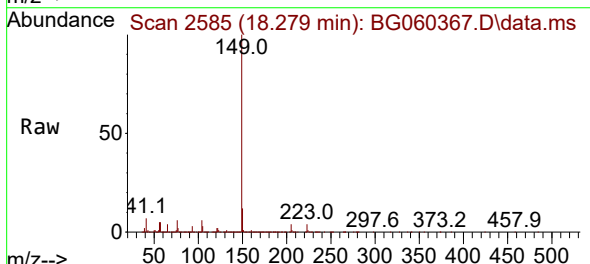
Manual Integrations
 APPROVED

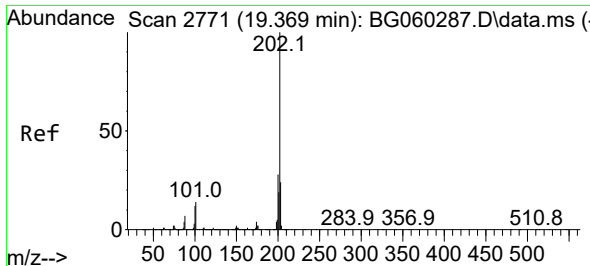
Reviewed By :Jagrut Upadhyay 01/22/2024
 Supervised By :mohammad ahmed 01/23/2024



#74
 Di-n-butylphthalate
 Concen: 38.847 ng
 RT: 18.279 min Scan# 2585
 Delta R.T. 0.003 min
 Lab File: BG060367.D
 Acq: 19 Jan 2024 13:33

Tgt Ion:149 Resp: 4027799
 Ion Ratio Lower Upper
 149 100
 150 12.1 9.1 13.7
 104 5.7 4.3 6.5





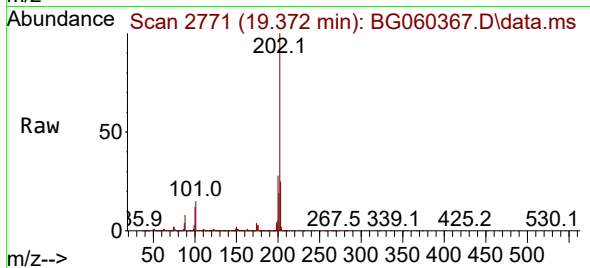
#75
Fluoranthene
Concen: 35.624 ng
RT: 19.372 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

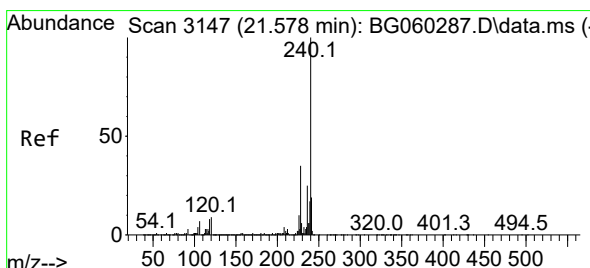
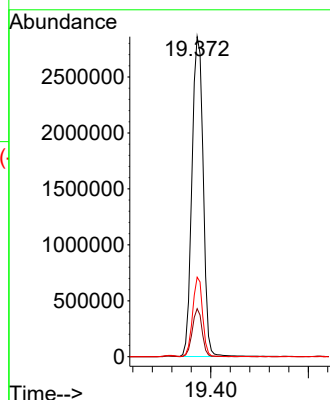
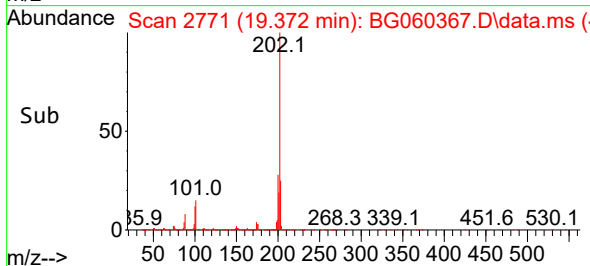


Tgt Ion:202 Resp: 458085
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.4
203 24.9 4.0 44.0

Manual Integrations

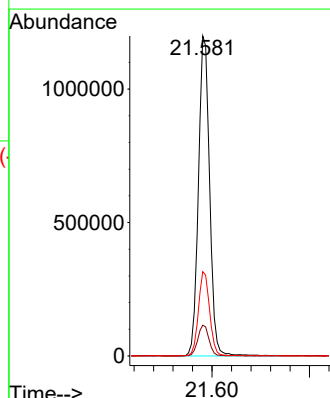
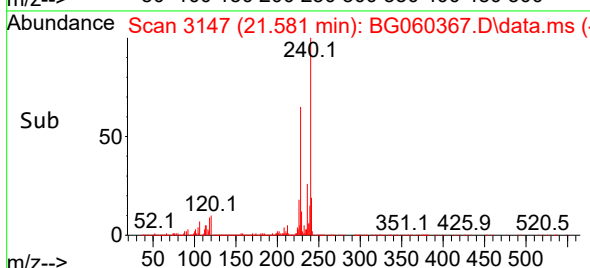
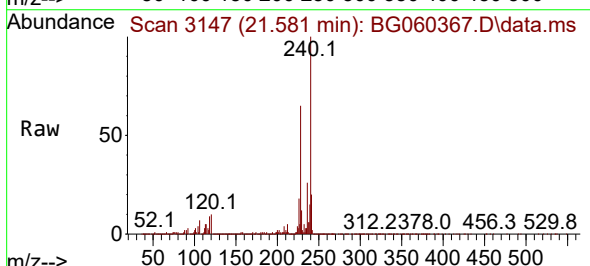
APPROVED

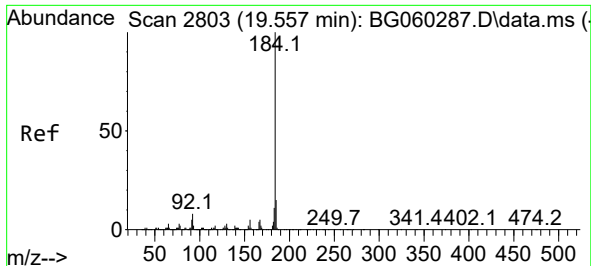
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:240 Resp: 1918370
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.3 20.3 30.5





#77
Benzidine
Concen: 20.193 ng
RT: 19.554 min Scan# 2802
Delta R.T. -0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

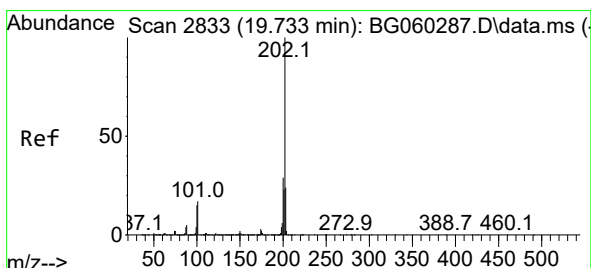
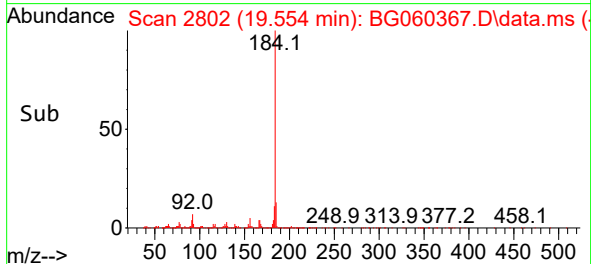
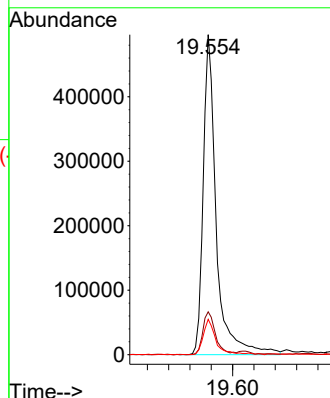
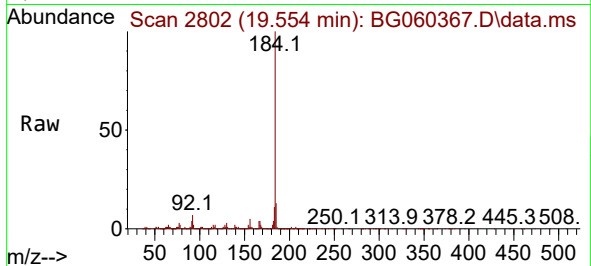
PB158524BS

Tgt Ion:184 Resp: 84159
Ion Ratio Lower Upper
184 100
185 13.4 12.2 18.4
183 11.1 9.0 13.4

Manual Integrations

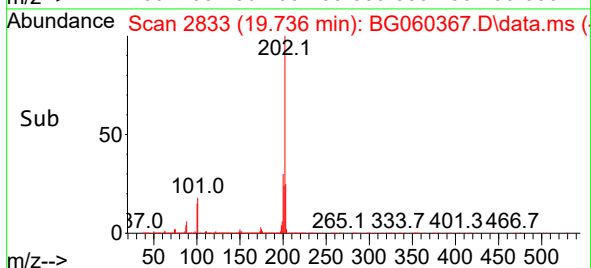
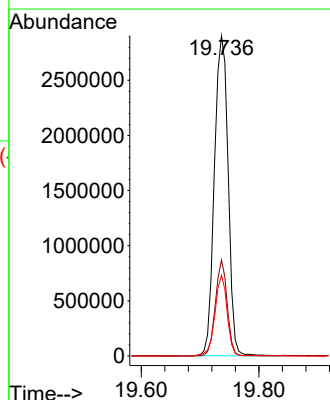
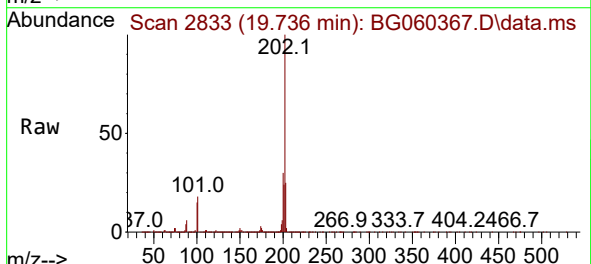
APPROVED

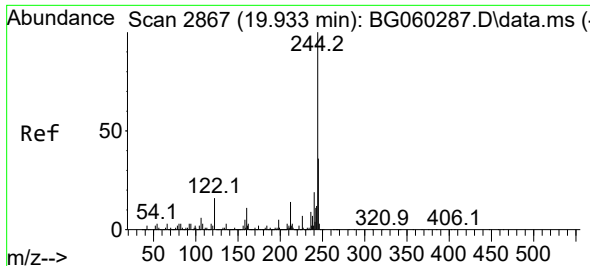
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#78
Pyrene
Concen: 38.381 ng
RT: 19.736 min Scan# 2833
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:202 Resp: 4701899
Ion Ratio Lower Upper
202 100
200 30.0 23.5 35.3
203 25.2 19.6 29.4





#79
Terphenyl-d14
Concen: 72.084 ng
RT: 19.936 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

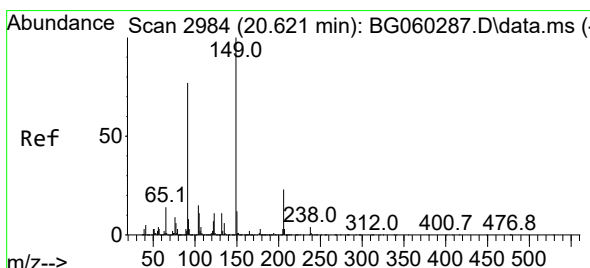
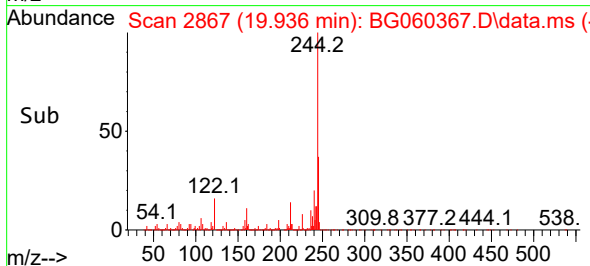
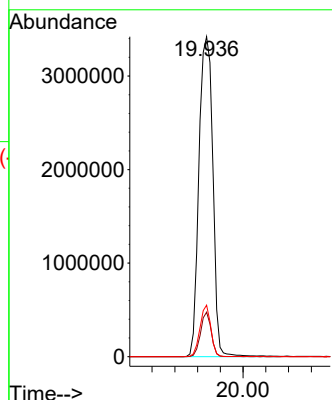
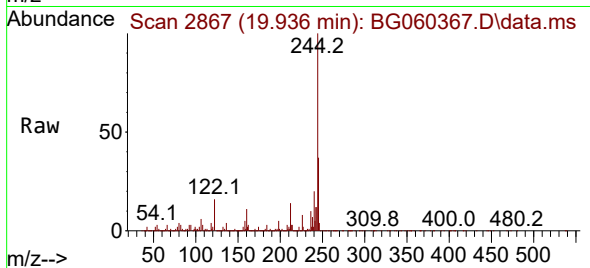
PB158524BS

Tgt Ion:244 Resp: 5804600
Ion Ratio Lower Upper
244 100
212 13.9 10.9 16.3
122 16.1 12.6 18.8

Manual Integrations

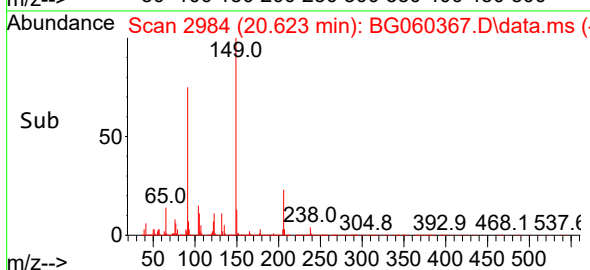
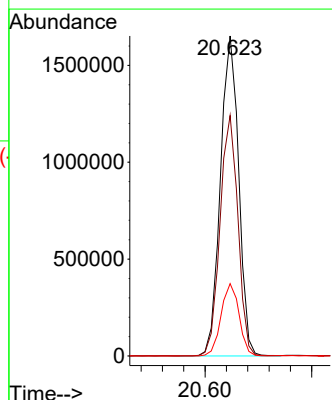
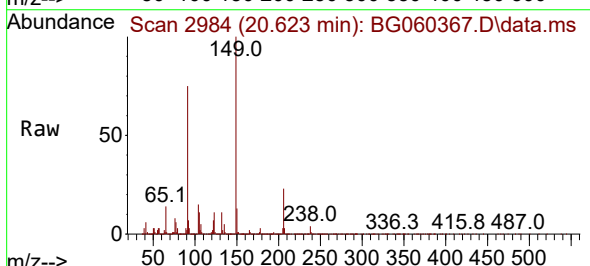
APPROVED

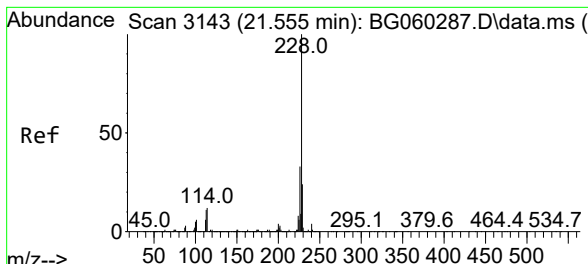
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#80
Butylbenzylphthalate
Concen: 46.361 ng
RT: 20.623 min Scan# 2984
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

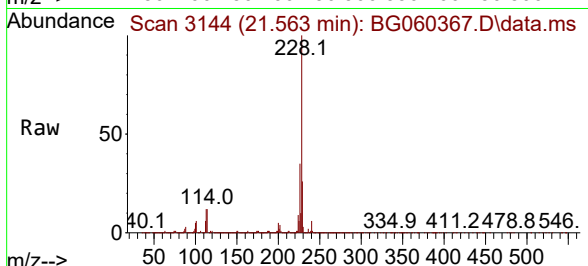
Tgt Ion:149 Resp: 1954003
Ion Ratio Lower Upper
149 100
91 75.1 61.4 92.2
206 22.6 18.0 27.0





#81
 Benzo(a)anthracene
 Concen: 39.644 ng
 RT: 21.563 min Scan# 3144
 Delta R.T. 0.009 min
 Lab File: BG060367.D
 Acq: 19 Jan 2024 13:33

Instrument : BNA_G
 ClientSampleId : PB158524BS

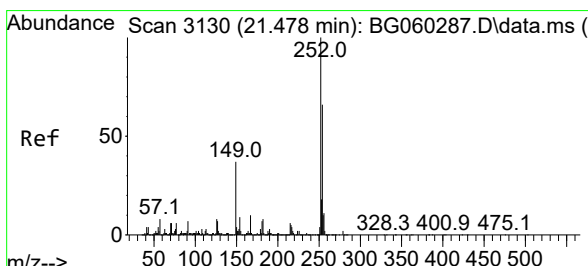
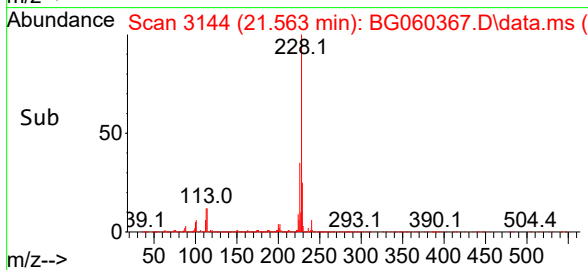
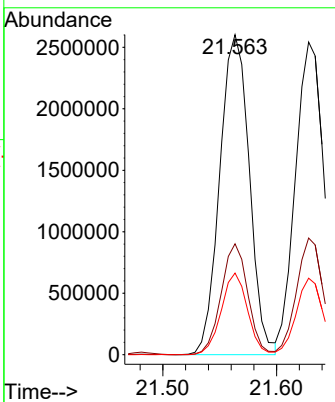


Tgt Ion: 228 Resp: 4708238

Ion	Ratio	Lower	Upper
228	100		
226	34.7	26.2	39.2
229	25.5	19.4	29.2

Manual Integrations
 APPROVED

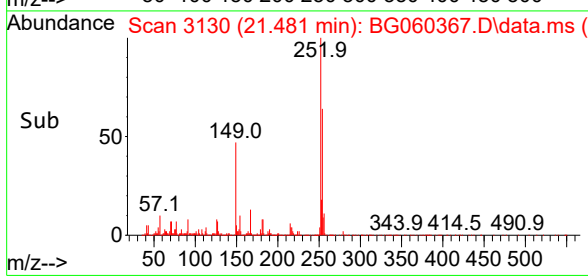
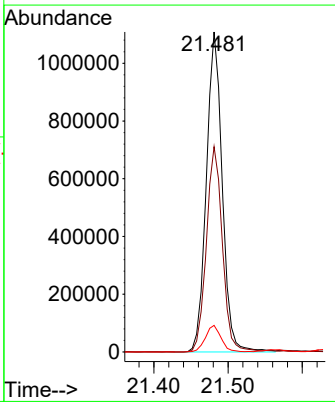
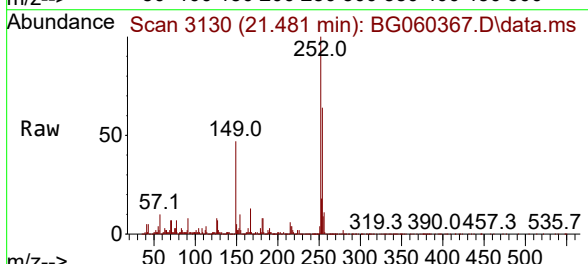
Reviewed By :Jagrut Upadhyay 01/22/2024
 Supervised By :mohammad ahmed 01/23/2024

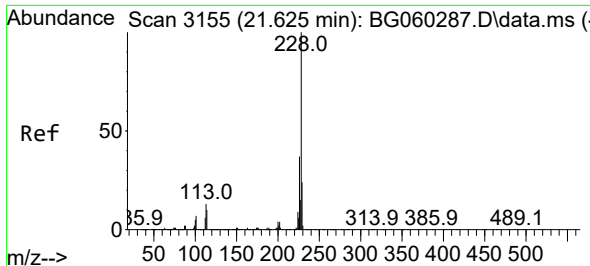


#82
 3,3'-Dichlorobenzidine
 Concen: 36.271 ng
 RT: 21.481 min Scan# 3130
 Delta R.T. 0.003 min
 Lab File: BG060367.D
 Acq: 19 Jan 2024 13:33

Tgt Ion: 252 Resp: 1649658

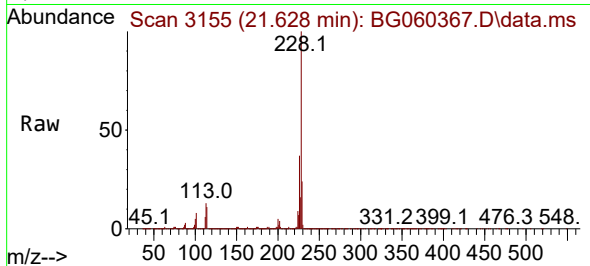
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	79.0
126	8.3	6.3	9.5





#83
Chrysene
Concen: 38.322 ng
RT: 21.628 min Scan# 3155
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

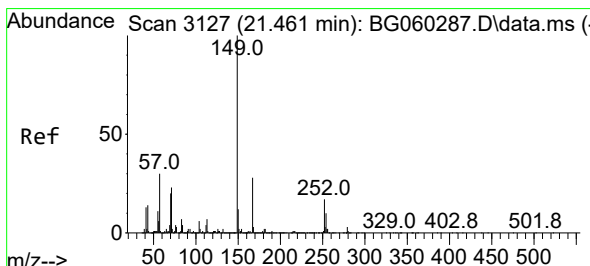
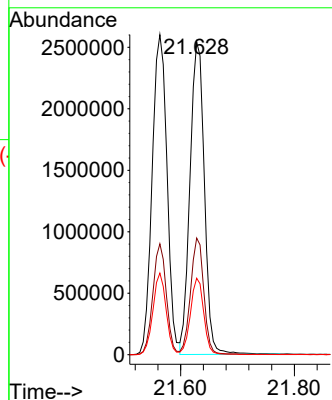
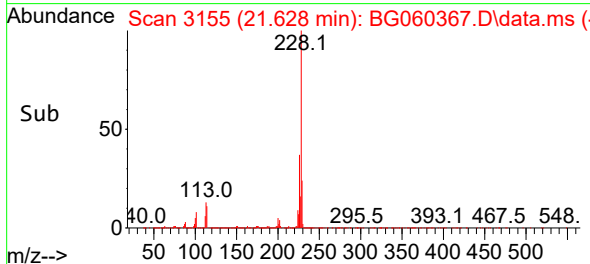
Instrument :
BNA_G
ClientSampleId :
PB158524BS



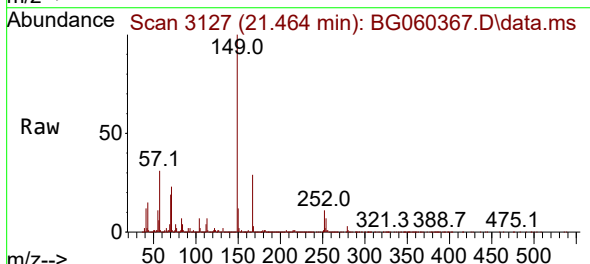
Tgt Ion:228 Resp: 447611
Ion Ratio Lower Upper
228 100
226 37.3 29.4 44.2
229 24.5 19.2 28.8

Manual Integrations
APPROVED

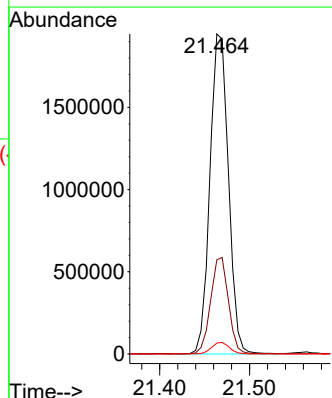
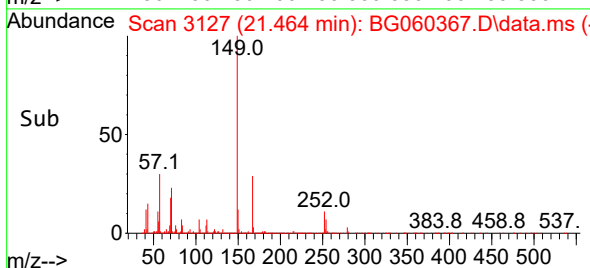
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

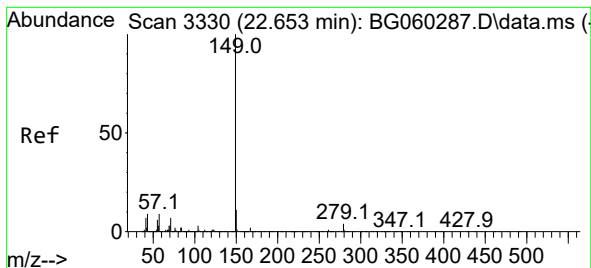


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.677 ng
RT: 21.464 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33



Tgt Ion:149 Resp: 2781739
Ion Ratio Lower Upper
149 100
167 29.5 22.2 33.2
279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 44.660 ng

RT: 22.656 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG060367.D

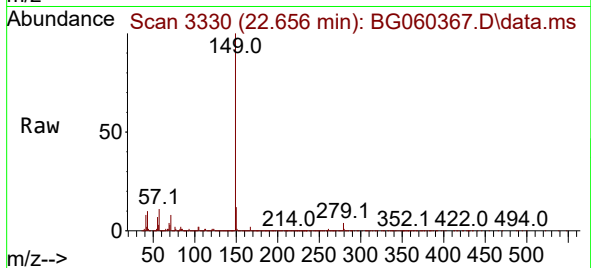
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS



Tgt Ion:149 Resp: 460928

Ion Ratio Lower Upper

149 100

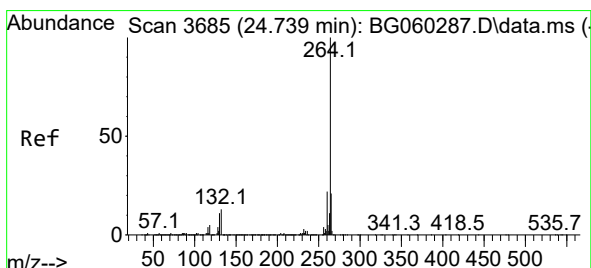
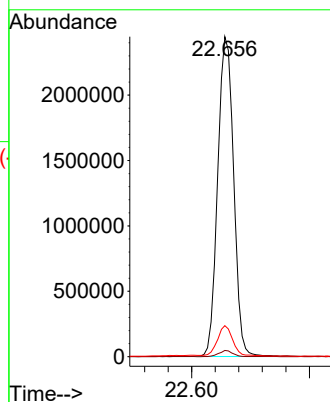
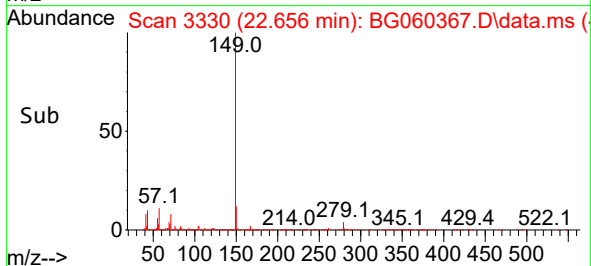
167 1.7 1.3 1.9

43 9.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3687

Delta R.T. 0.015 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

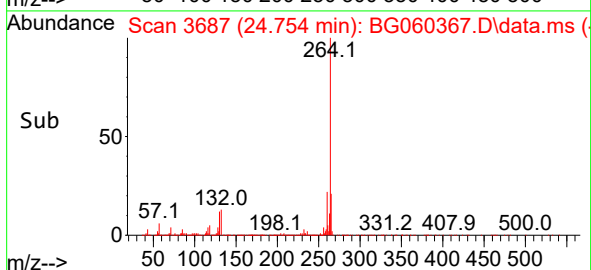
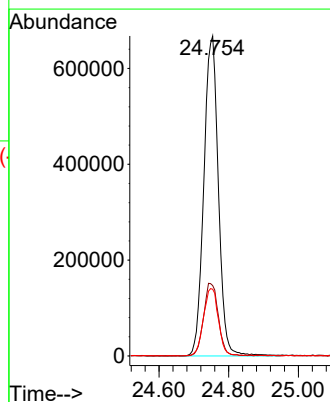
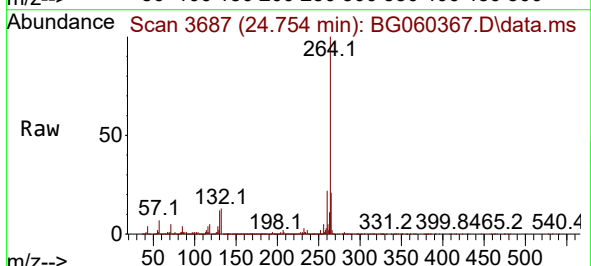
Tgt Ion:264 Resp: 1936511

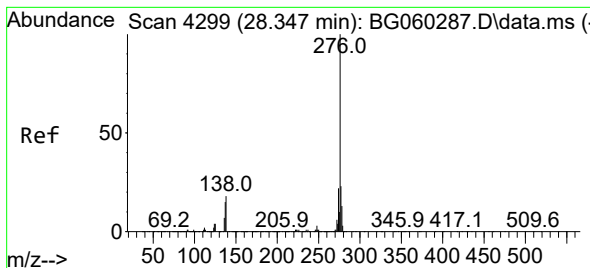
Ion Ratio Lower Upper

264 100

260 22.0 17.8 26.6

265 20.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.965 ng

RT: 28.367 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

Tgt Ion:276 Resp: 6054420

Ion Ratio Lower Upper

276 100

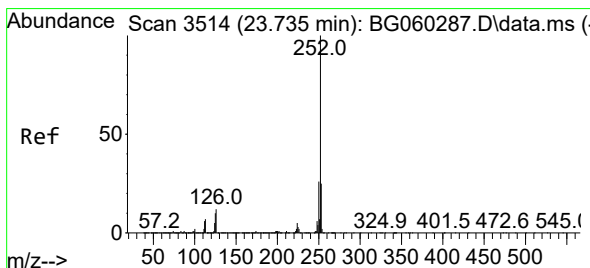
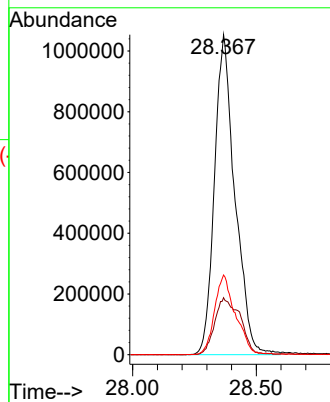
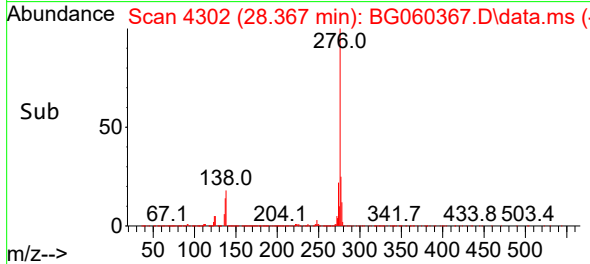
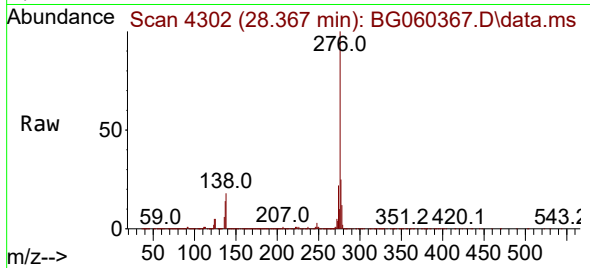
138 22.1 12.5 18.7

277 25.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#88

Benzo(b)fluoranthene

Concen: 44.468 ng

RT: 23.743 min Scan# 3515

Delta R.T. 0.009 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

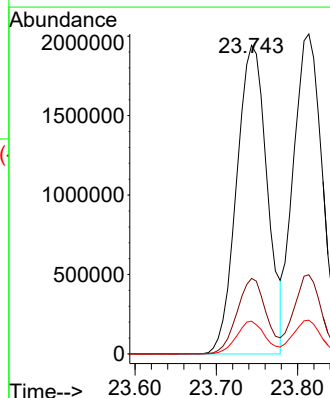
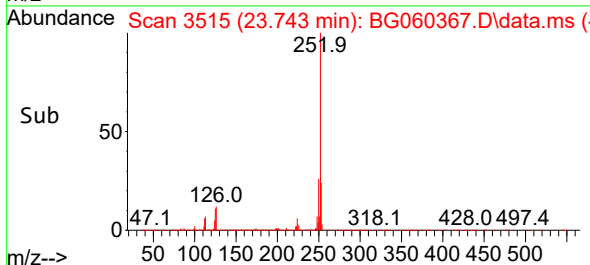
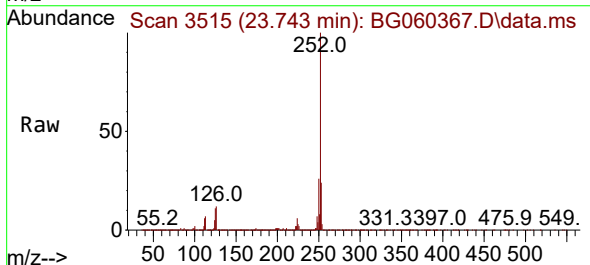
Tgt Ion:252 Resp: 5087132

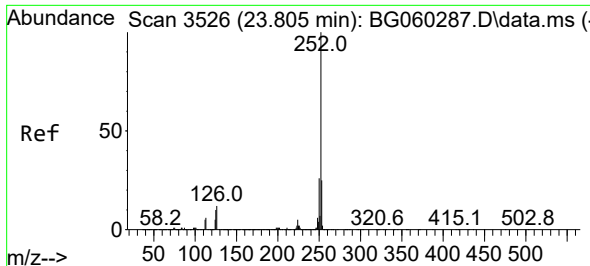
Ion Ratio Lower Upper

252 100

253 24.5 20.0 30.0

125 10.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.385 ng
RT: 23.814 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

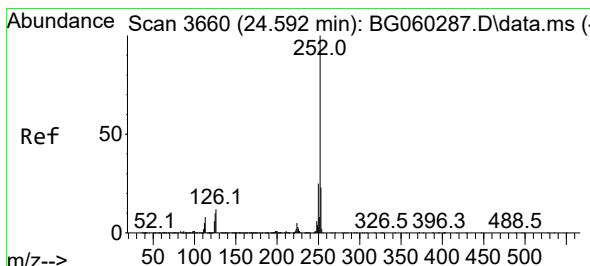
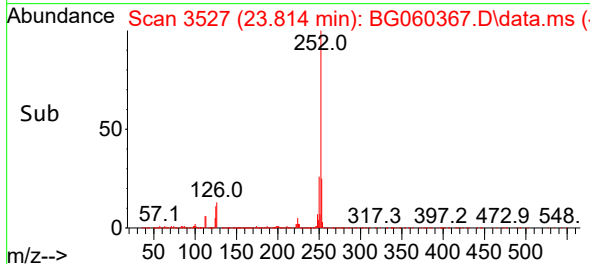
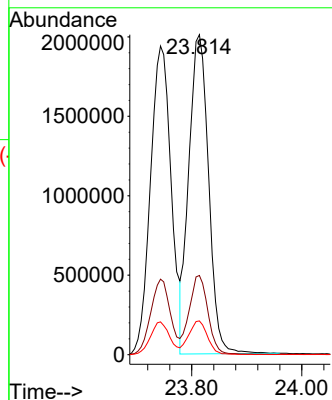
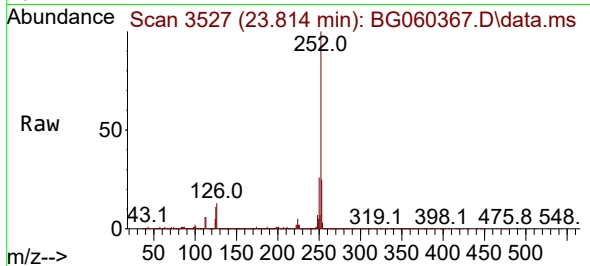
ClientSampleId :

PB158524BS

Tgt Ion:252 Resp: 501065
Ion Ratio Lower Upper
252 100
253 24.8 19.6 29.4
125 10.5 8.2 12.2

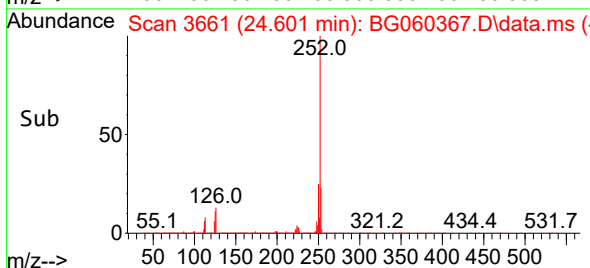
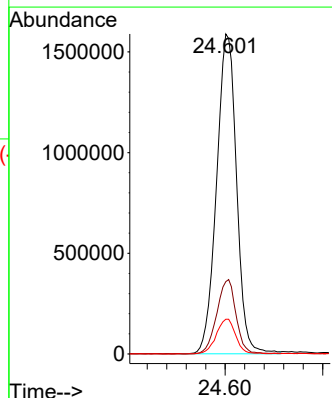
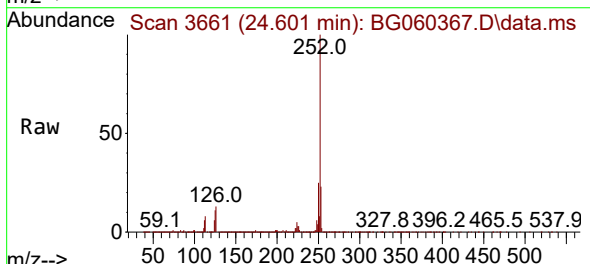
Manual Integrations
APPROVED

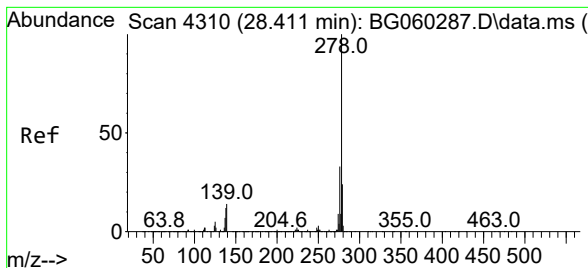
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#90
Benzo(a)pyrene
Concen: 43.807 ng
RT: 24.601 min Scan# 3661
Delta R.T. 0.009 min
Lab File: BG060367.D
Acq: 19 Jan 2024 13:33

Tgt Ion:252 Resp: 4527244
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.845 ng

RT: 28.426 min Scan# 4312

Delta R.T. 0.015 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Instrument :

BNA_G

ClientSampleId :

PB158524BS

Tgt Ion:278 Resp: 504123

Ion Ratio Lower Upper

278 100

139 13.2 10.9 16.3

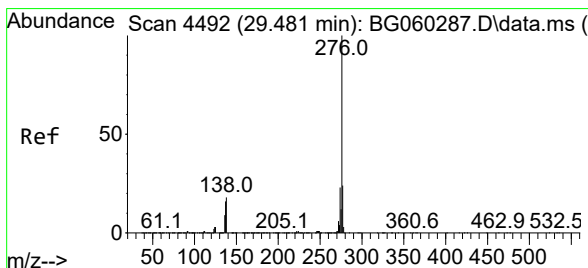
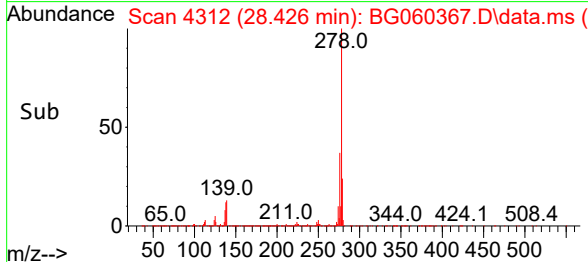
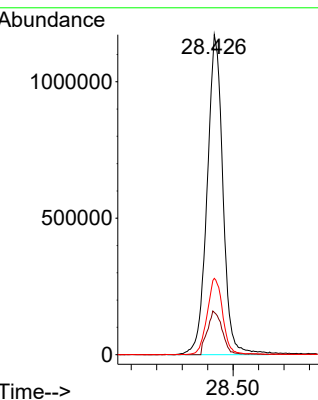
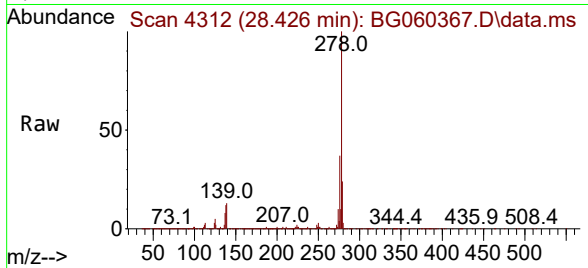
279 23.8 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024

Supervised By :mohammad ahmed 01/23/2024



#92

Benzo(g,h,i)perylene

Concen: 44.753 ng

RT: 29.501 min Scan# 4495

Delta R.T. 0.020 min

Lab File: BG060367.D

Acq: 19 Jan 2024 13:33

Tgt Ion:276 Resp: 5043774

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 18.8 14.2 21.4

