

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060365.D
 Acq On : 19 Jan 2024 11:23
 Operator : MA/JU
 Sample : PB158491BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158491BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 06:30:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	239821	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1053778	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	848059	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2233995	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1870622	20.000	ng	0.00
86) Perylene-d12	24.747	264	1927522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1666294	114.281	ng	0.00
7) Phenol-d6	7.097	99	2669000	123.619	ng	0.00
23) Nitrobenzene-d5	9.095	82	1695801	75.989	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1556876	124.776	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	4076046	66.823	ng	0.00
79) Terphenyl-d14	19.935	244	5868446	76.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	203445	30.546	ng	96
3) Pyridine	3.795	79	517237	27.525	ng	94
4) n-Nitrosodimethylamine	3.713	42	230844	39.251	ng	98
6) Aniline	7.256	93	768864	35.627	ng	100
8) 2-Chlorophenol	7.497	128	682964	47.263	ng	96
9) Benzaldehyde	7.068	77	169224m	13.655	ng	
10) Phenol	7.127	94	992718	45.859	ng	98
11) bis(2-Chloroethyl)ether	7.350	93	703463	39.880	ng	99
12) 1,3-Dichlorobenzene	7.820	146	668397	36.851	ng	97
13) 1,4-Dichlorobenzene	7.967	146	684506	37.196	ng	98
14) 1,2-Dichlorobenzene	8.284	146	687843	36.350	ng	99
15) Benzyl Alcohol	8.167	79	668889m	47.860	ng	
16) 2,2'-oxybis(1-Chloropr...	8.455	45	870722m	40.670	ng	
17) 2-Methylphenol	8.372	107	670049	45.065	ng	98
18) Hexachloroethane	9.013	117	237771	36.851	ng	93
19) n-Nitroso-di-n-propyla...	8.731	70	628753	42.077	ng	98
20) 3+4-Methylphenols	8.701	107	970135	48.393	ng	96
22) Acetophenone	8.754	105	1200884	41.458	ng	# 98
24) Nitrobenzene	9.136	77	878718	37.984	ng	98
25) Isophorone	9.653	82	1771525	39.528	ng	99
26) 2-Nitrophenol	9.847	139	389454	45.786	ng	95
27) 2,4-Dimethylphenol	9.906	122	697248	62.036	ng	99
28) bis(2-Chloroethoxy)met...	10.141	93	1091139	39.848	ng	100
29) 2,4-Dichlorophenol	10.382	162	831616	45.659	ng	100
30) 1,2,4-Trichlorobenzene	10.599	180	810112	35.752	ng	94
31) Naphthalene	10.787	128	2060555	37.303	ng	99
32) Benzoic acid	10.059	122	476769	48.027	ng	# 87
33) 4-Chloroaniline	10.893	127	538077	25.281	ng	100
34) Hexachlorobutadiene	11.069	225	500362	33.898	ng	95
35) Caprolactam	11.669	113	306927m	52.320	ng	
36) 4-Chloro-3-methylphenol	12.021	107	877172	47.407	ng	95
37) 2-Methylnaphthalene	12.391	142	1619489	39.531	ng	98
38) 1-Methylnaphthalene	12.615	142	1533025	37.265	ng	99
40) 1,2,4,5-Tetrachloroben...	12.761	216	1054395	35.008	ng	99
41) Hexachlorocyclopentadiene	12.738	237	973902	97.393	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	793784	41.413	ng	99

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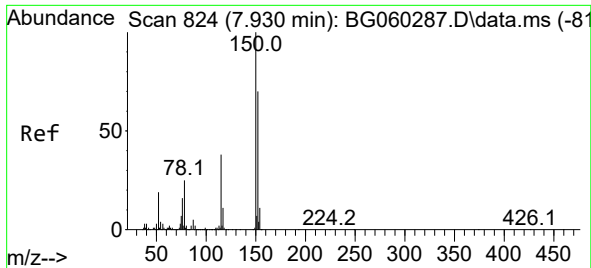
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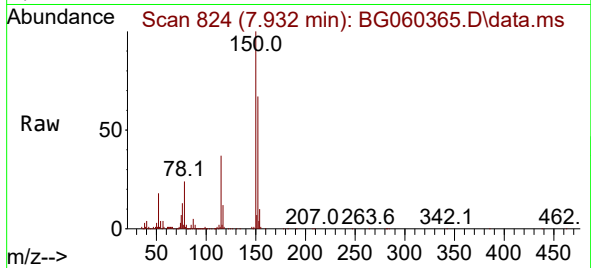
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	882149	41.726	ng	97
46) 1,1'-Biphenyl	13.402	154	2365368	36.950	ng	99
47) 2-Chloronaphthalene	13.449	162	1956129	35.669	ng	99
48) 2-Nitroaniline	13.649	65	645898	47.293	ng	99
49) Acenaphthylene	14.295	152	3014740	39.920	ng	99
50) Dimethylphthalate	14.025	163	2653404	40.943	ng	99
51) 2,6-Dinitrotoluene	14.142	165	612239	44.273	ng	94
52) Acenaphthene	14.636	154	1861131	39.578	ng	100
53) 3-Nitroaniline	14.477	138	443915	35.230	ng	97
54) 2,4-Dinitrophenol	14.683	184	754642	88.931	ng	98
55) Dibenzofuran	14.971	168	3104513	39.548	ng	98
56) 4-Nitrophenol	14.794	139	966549	103.415	ng	99
57) 2,4-Dinitrotoluene	14.935	165	863020	45.511	ng	94
58) Fluorene	15.617	166	2604365	40.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	850785	47.391	ng	98
60) Diethylphthalate	15.388	149	2669353	42.904	ng	100
61) 4-Chlorophenyl-phenyle...	15.611	204	1432672	40.007	ng	98
62) 4-Nitroaniline	15.646	138	612084	45.641	ng	99
63) Azobenzene	15.905	77	2594685	41.232	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	575669	46.579	ng	95
66) n-Nitrosodiphenylamine	15.828	169	2421839	40.828	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	963794	39.263	ng	96
68) Hexachlorobenzene	16.622	284	1051892	36.201	ng	97
69) Atrazine	16.774	200	1347775	60.257	ng	99
70) Pentachlorophenol	16.968	266	1477551	94.339	ng	94
71) Phenanthrene	17.362	178	4222047	39.100	ng	98
72) Anthracene	17.450	178	4253109	39.451	ng	97
73) Carbazole	17.720	167	3946394	38.829	ng	98
74) Di-n-butylphthalate	18.278	149	4025583	38.494	ng	97
75) Fluoranthene	19.371	202	4639096	35.769	ng	98
77) Benzidine	19.553	184	845158	20.796	ng	98
78) Pyrene	19.736	202	4742844	39.703	ng	98
80) Butylbenzylphthalate	20.623	149	1962241	47.745	ng	99
81) Benzo(a)anthracene	21.563	228	4692316	40.519	ng	97
82) 3,3'-Dichlorobenzidine	21.481	252	1641528	37.013	ng	99
83) Chrysene	21.627	228	4434100	38.931	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	2793132	44.975	ng	98
85) Di-n-octyl phthalate	22.656	149	4636540	46.071	ng	98
87) Indeno(1,2,3-cd)pyrene	28.372	276	5946747	44.371	ng	# 93
88) Benzo(b)fluoranthene	23.743	252	5080847	44.620	ng	100
89) Benzo(k)fluoranthene	23.813	252	4978927	44.309	ng	100
90) Benzo(a)pyrene	24.600	252	4518682	43.928	ng	98
91) Dibenzo(a,h)anthracene	28.431	278	4979122	45.491	ng	98
92) Benzo(g,h,i)perylene	29.501	276	4934153	43.985	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: BG060365.D
Acq: 19 Jan 2024 11:23

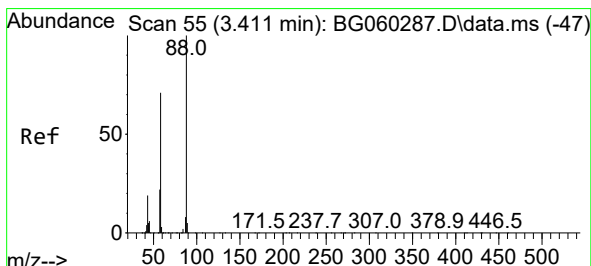
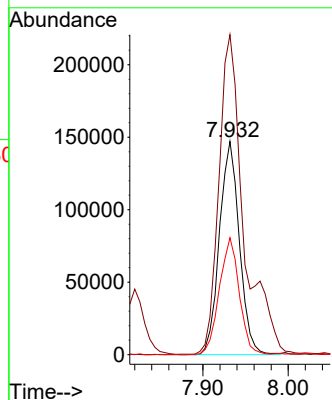
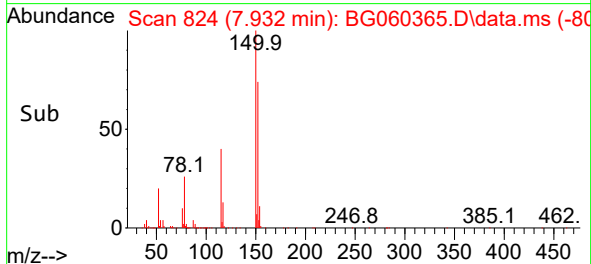
Instrument :
BNA_G
ClientSampleId :
PB158491BS



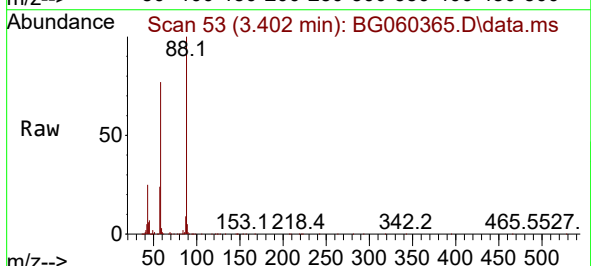
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Ion Ratio Lower Upper
152 100
150 150.1 114.5 171.7
115 54.9 43.0 64.6

Manual Integrations
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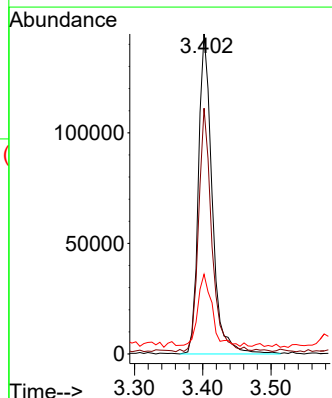
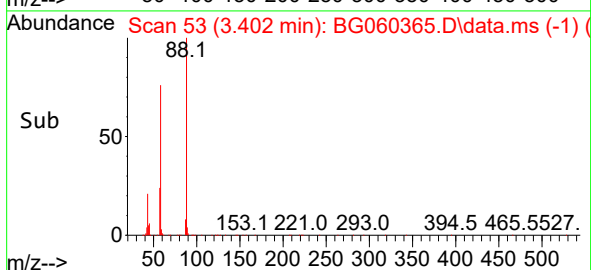
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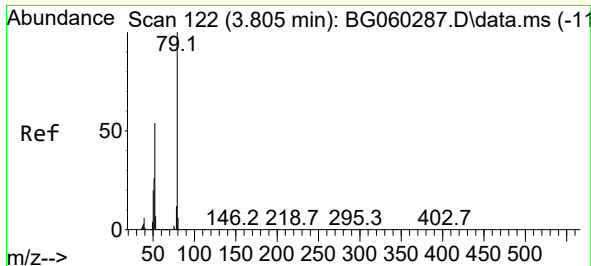


#2
1,4-Dioxane
Concen: 30.546 ng
RT: 3.402 min Scan# 53
Delta R.T. -0.010 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



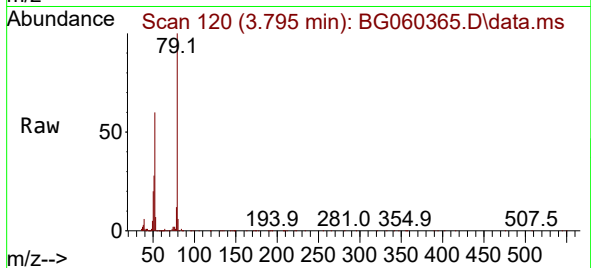
Tgt Ion: 88 Resp: 203445
Ion Ratio Lower Upper
88 100
58 73.0 55.9 83.9
43 23.3 16.6 24.8





#3
Pyridine
Concen: 27.525 ng
RT: 3.795 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

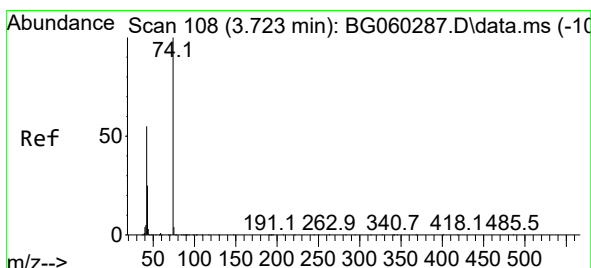
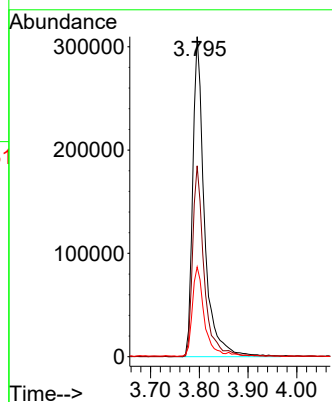
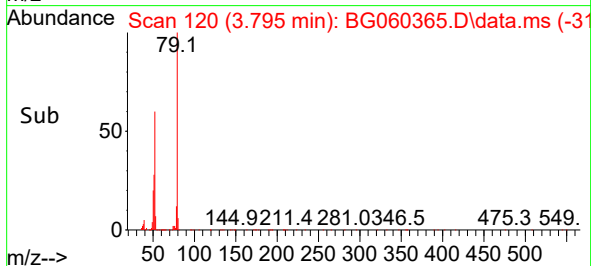
Instrument :
BNA_G
ClientSampleId :
PB158491BS



Tgt Ion: 79 Resp: 51723
Ion Ratio Lower Upper
79 100
52 59.7 43.2 64.8
51 28.0 21.4 32.2

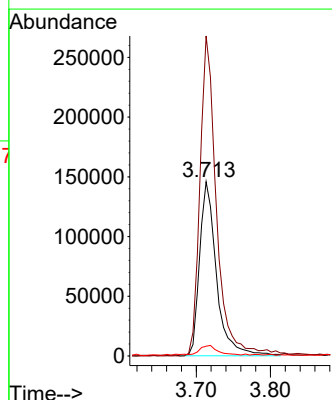
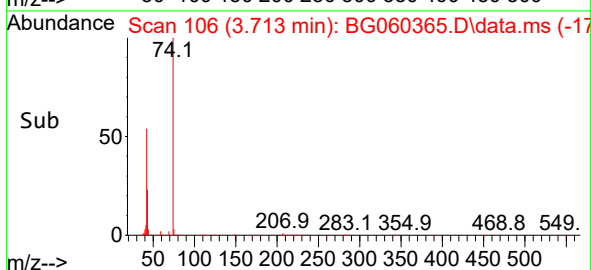
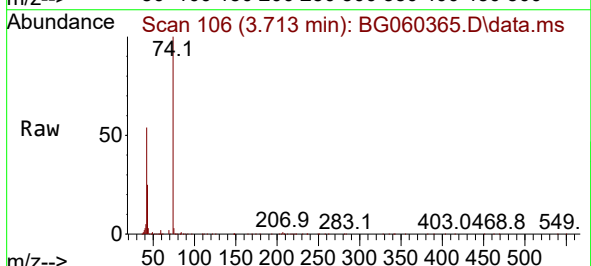
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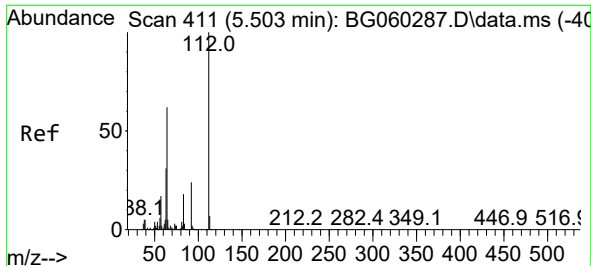
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#4
n-Nitrosodimethylamine
Concen: 39.251 ng
RT: 3.713 min Scan# 106
Delta R.T. -0.010 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion: 42 Resp: 230844
Ion Ratio Lower Upper
42 100
74 183.6 145.1 217.7
44 5.6 5.2 7.8





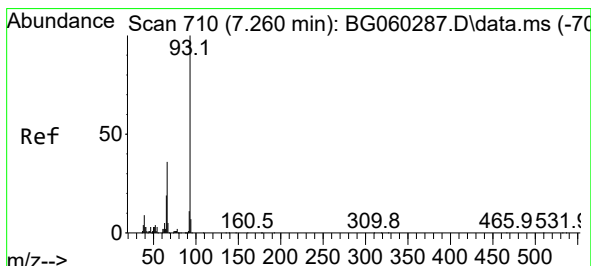
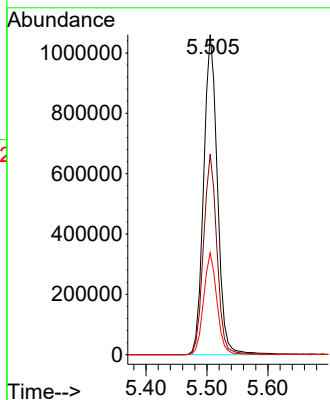
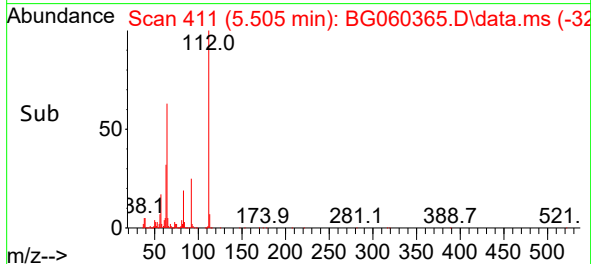
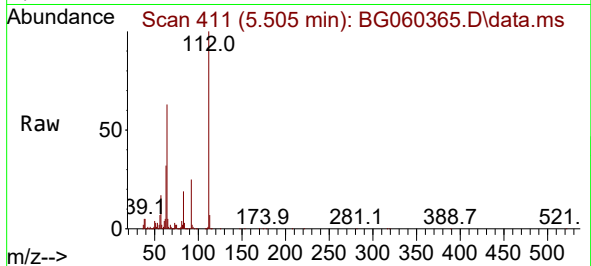
#5
2-Fluorophenol
Concen: 114.281 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :
BNA_G
ClientSampleId :
PB158491BS

Tgt Ion:112 Resp: 1666294
Ion Ratio Lower Upper
112 100
64 62.7 49.8 74.6
63 31.8 24.4 36.6

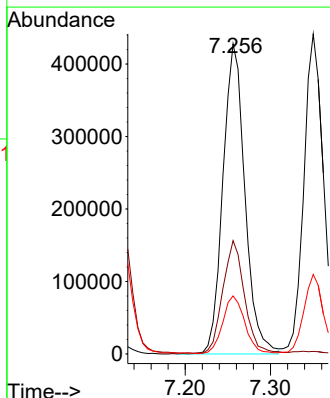
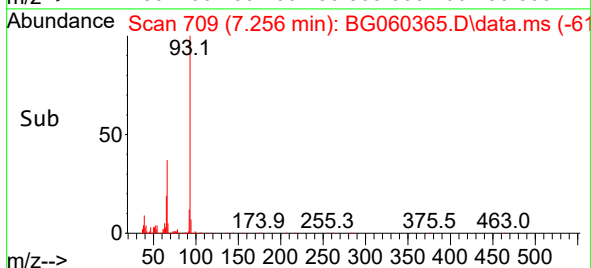
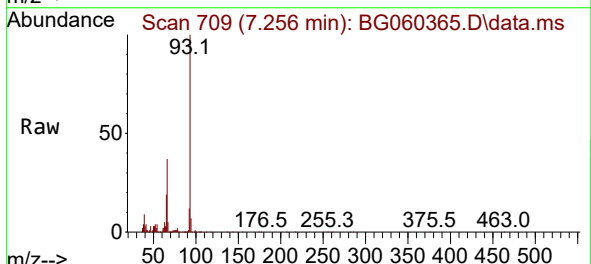
Manual Integrations
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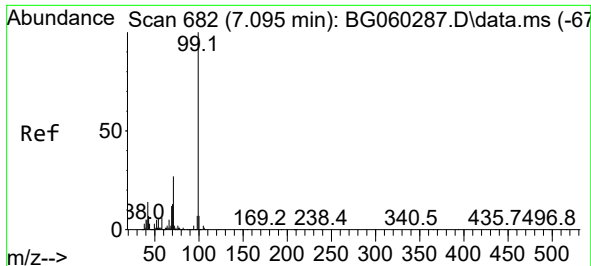
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#6
Aniline
Concen: 35.627 ng
RT: 7.256 min Scan# 709
Delta R.T. -0.004 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

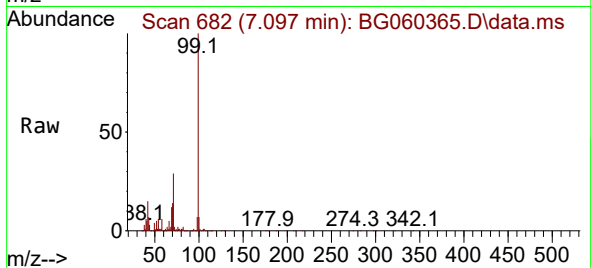
Tgt Ion: 93 Resp: 768864
Ion Ratio Lower Upper
93 100
66 36.5 29.0 43.4
65 18.7 15.1 22.7





#7
Phenol-d6
Concen: 123.619 ng
RT: 7.097 min Scan# 682
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

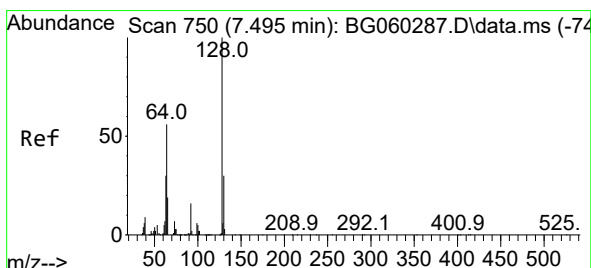
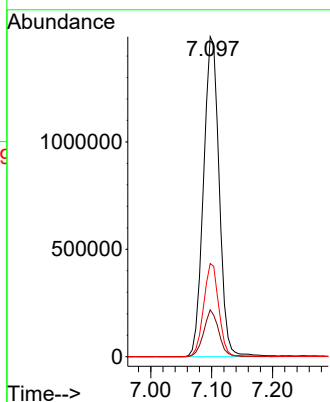
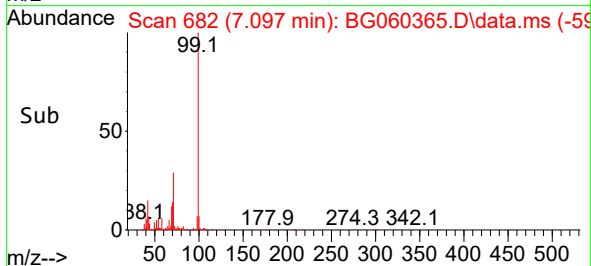
Instrument :
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Tgt Ion: 99 Resp: 2669000
Ion Ratio Lower Upper
99 100
42 14.6 10.9 16.3
71 29.1 21.5 32.3

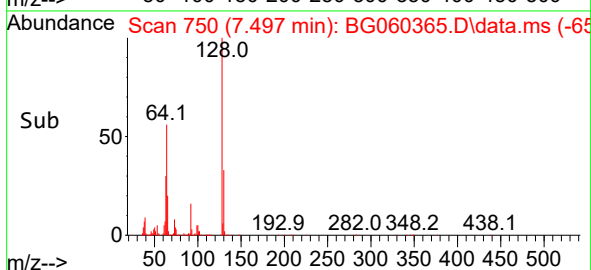
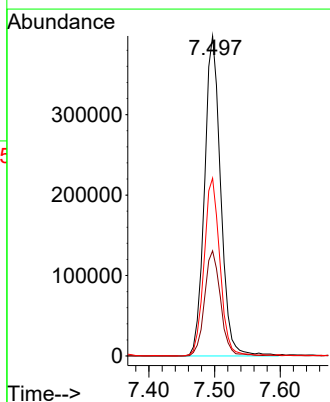
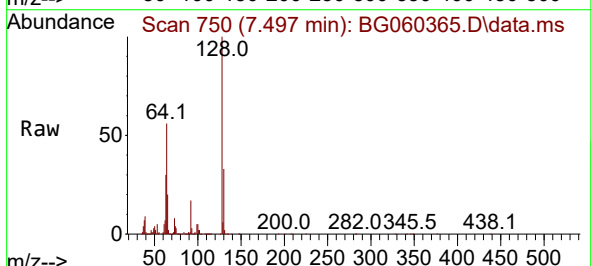
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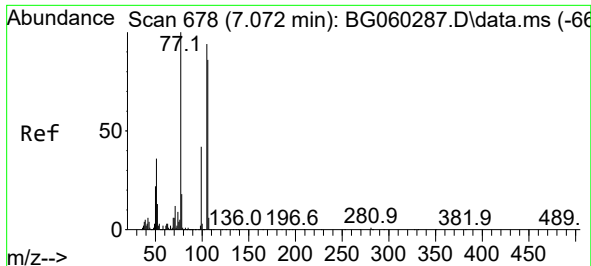
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#8
2-Chlorophenol
Concen: 47.263 ng
RT: 7.497 min Scan# 750
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

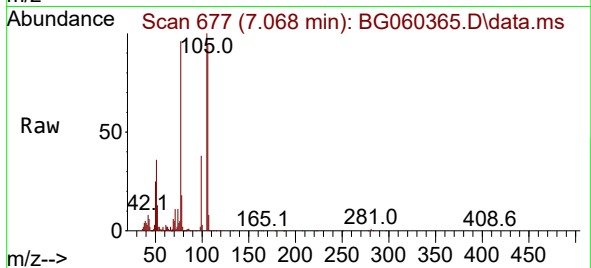
Tgt Ion:128 Resp: 682964
Ion Ratio Lower Upper
128 100
130 32.9 9.9 49.9
64 55.5 37.8 77.8





#9
Benzaldehyde
Concen: 13.655 ng m
RT: 7.068 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

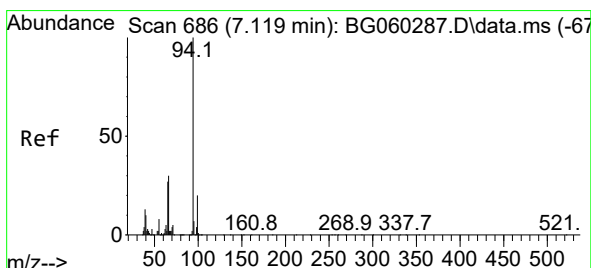
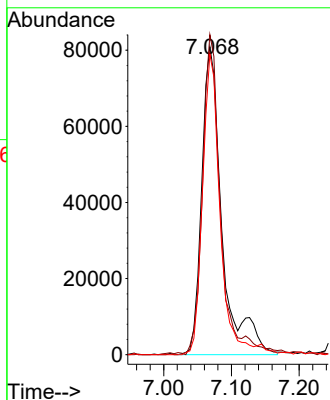
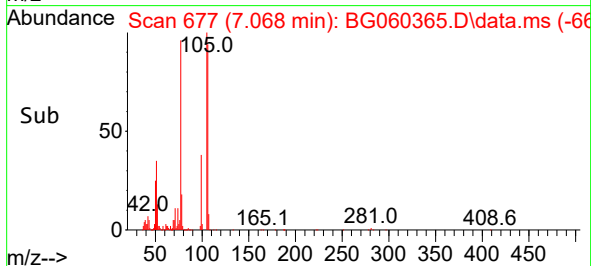
Instrument :
BNA_G
ClientSampleId :
PB158491BS



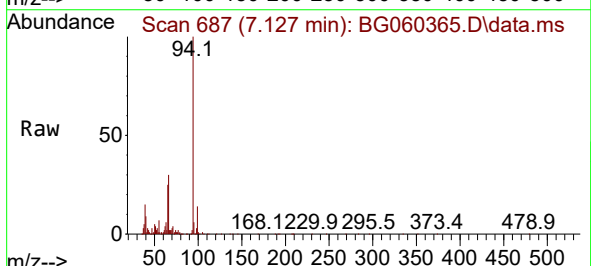
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Ion Ratio Lower Upper
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105 103.9 73.6 113.6
106 97.6 66.2 106.2

Manual Integrations
APPROVED

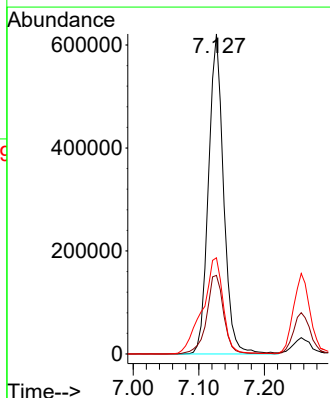
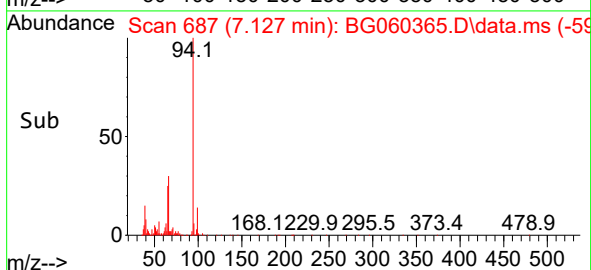
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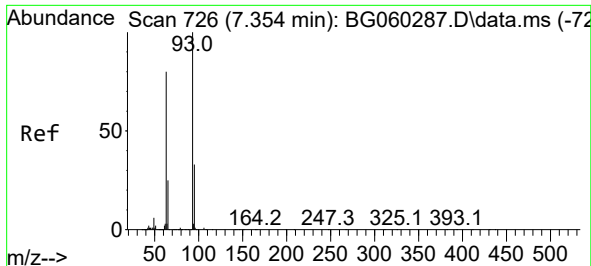


#10
Phenol
Concen: 45.859 ng
RT: 7.127 min Scan# 687
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion: 94 Resp: 992718
Ion Ratio Lower Upper
94 100
65 24.6 6.7 46.7
66 30.1 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 39.880 ng
RT: 7.350 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

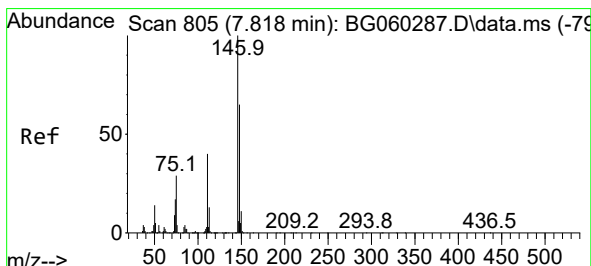
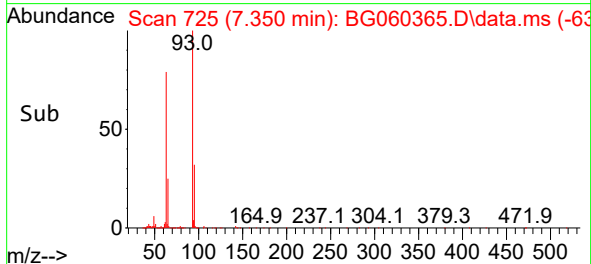
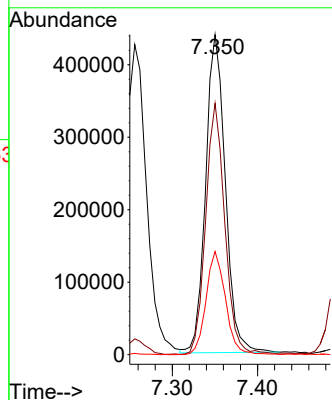
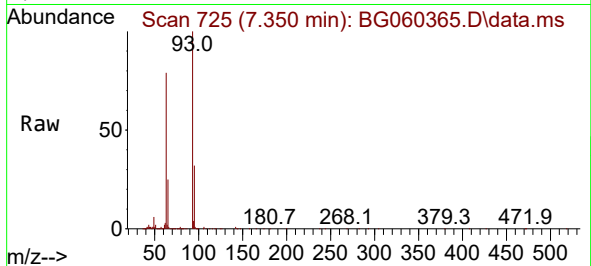
ClientSampleId :

PB158491BS

Tgt Ion: 93 Resp: 70346
Ion Ratio Lower Upper
93 100
63 78.6 59.3 99.3
95 32.2 12.8 52.8

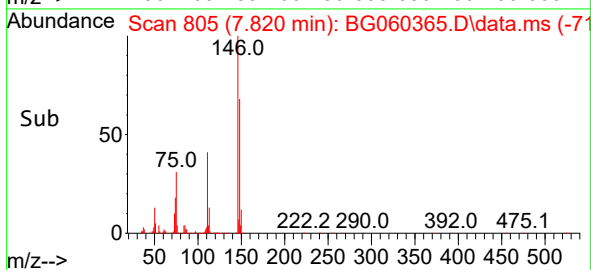
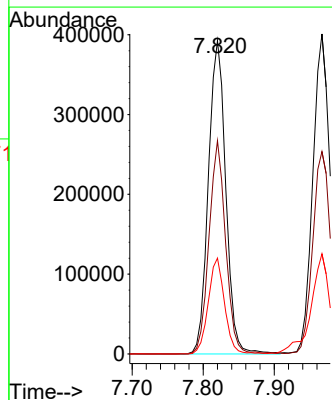
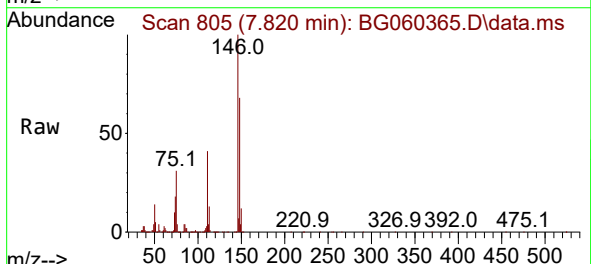
Manual Integrations
APPROVED

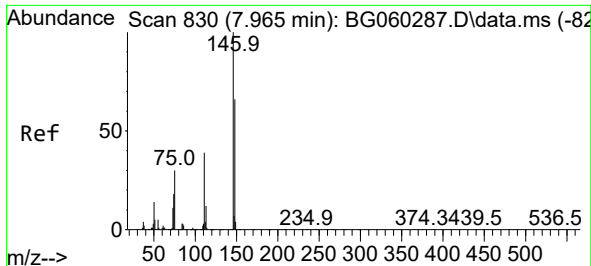
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#12
1,3-Dichlorobenzene
Concen: 36.851 ng
RT: 7.820 min Scan# 805
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

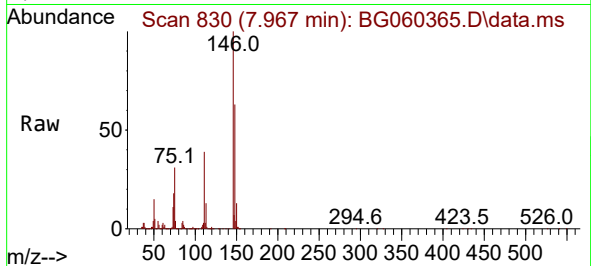
Tgt Ion:146 Resp: 668397
Ion Ratio Lower Upper
146 100
148 68.1 52.3 78.5
75 30.6 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 37.196 ng
RT: 7.967 min Scan# 811
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

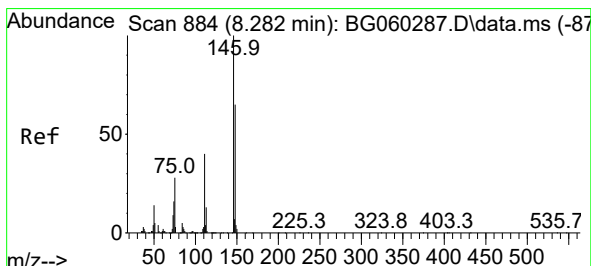
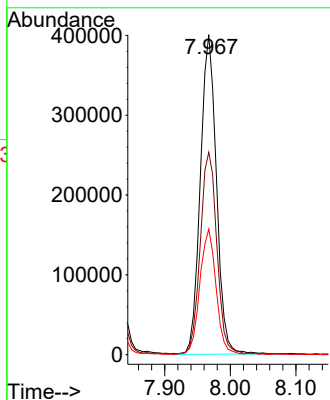
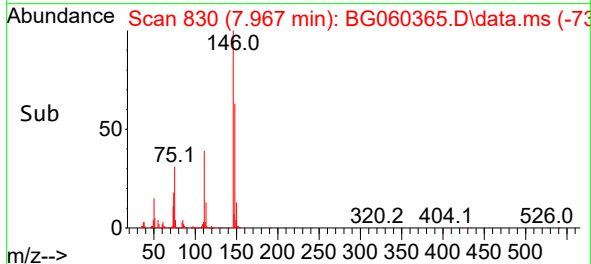
Instrument :
BNA_G
ClientSampleId :
PB158491BS



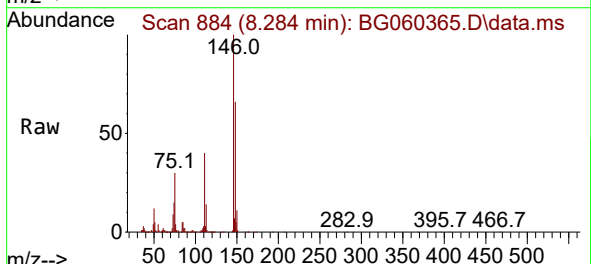
Tgt Ion:146 Resp: 684500
Ion Ratio Lower Upper
146 100
148 63.2 52.7 79.1
111 39.3 31.4 47.0

Manual Integrations
APPROVED

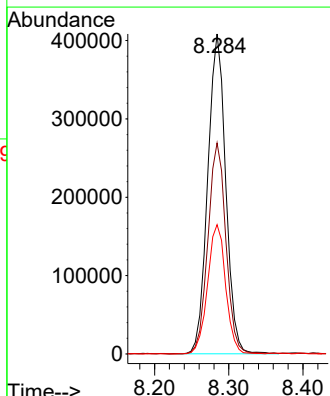
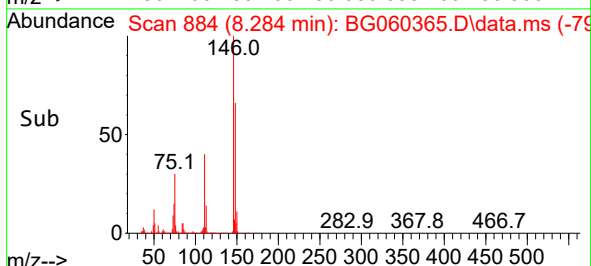
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

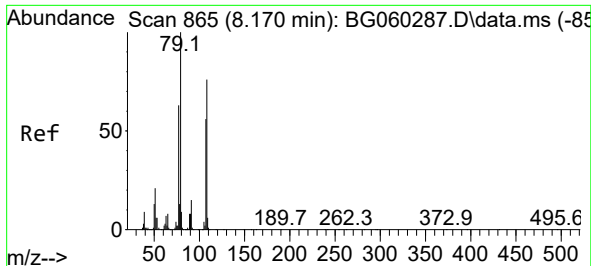


#14
1,2-Dichlorobenzene
Concen: 36.350 ng
RT: 8.284 min Scan# 884
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



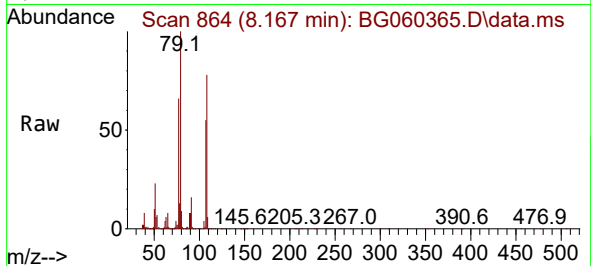
Tgt Ion:146 Resp: 687843
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.8
111 40.4 32.6 48.8





#15
Benzyl Alcohol
Concen: 47.860 ng m
RT: 8.167 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

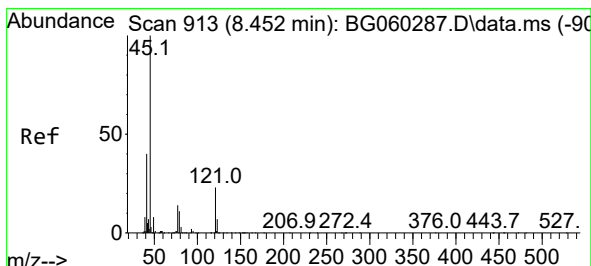
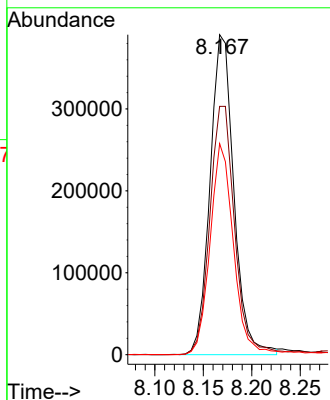
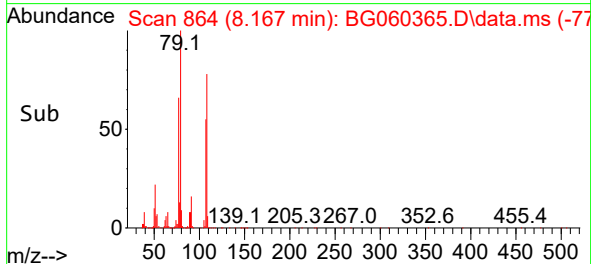
Instrument :
BNA_G
ClientSampleId :
PB158491BS



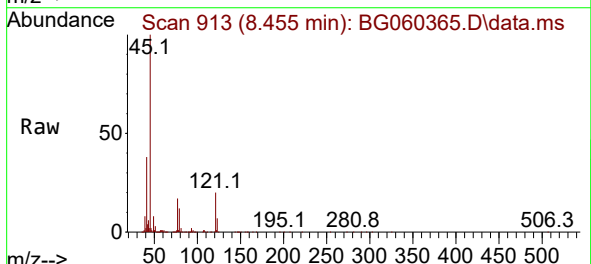
Tgt Ion: 79 Resp: 668889
Ion Ratio Lower Upper
79 100
108 77.6 61.2 91.8
77 65.9 50.3 75.5

Manual Integrations
APPROVED

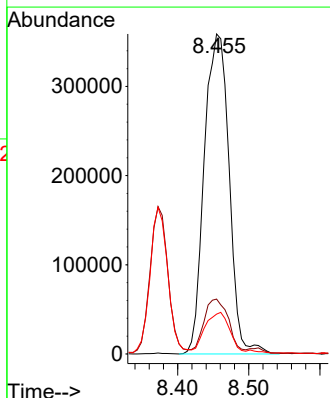
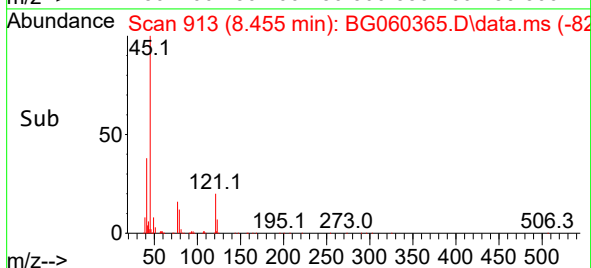
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

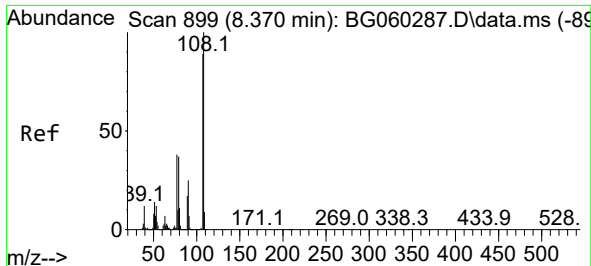


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.670 ng m
RT: 8.455 min Scan# 913
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion: 45 Resp: 870722
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.3
79 12.4 0.0 34.0





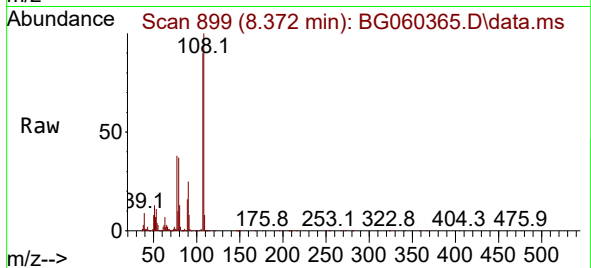
#17
2-Methylphenol
Concen: 45.065 ng
RT: 8.372 min Scan# 899
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

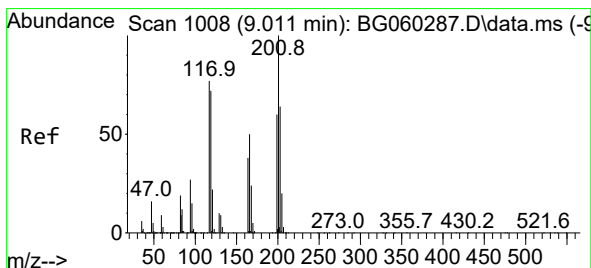
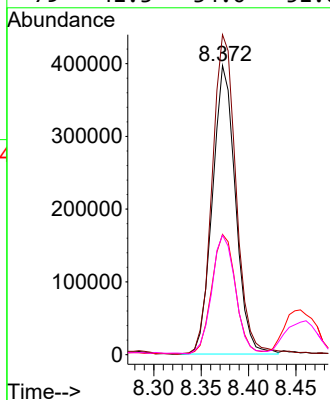
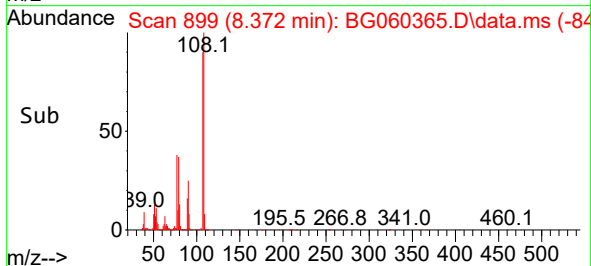


Tgt Ion:107 Resp: 670049
Ion Ratio Lower Upper
107 100
108 110.7 90.5 135.7
77 41.6 35.0 52.6
79 41.3 34.0 51.0

Manual Integrations

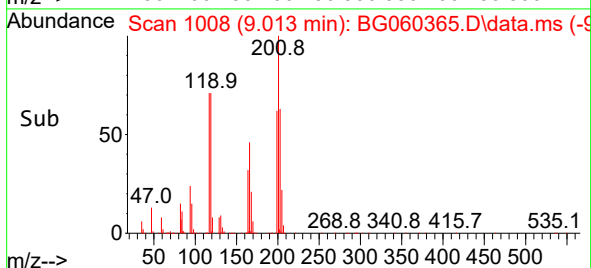
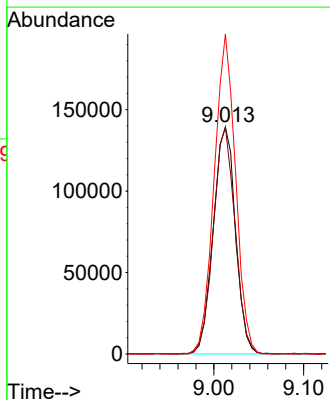
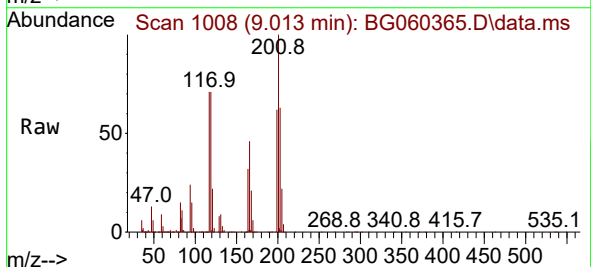
APPROVED

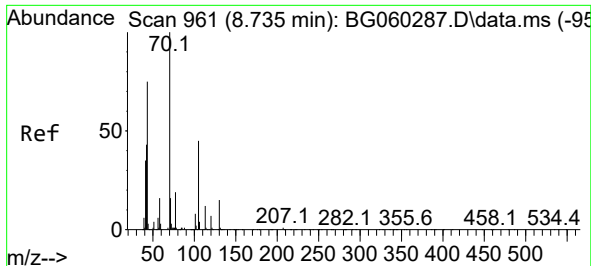
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#18
Hexachloroethane
Concen: 36.851 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:117 Resp: 237771
Ion Ratio Lower Upper
117 100
119 100.0 74.5 111.7
201 141.1 106.3 159.5





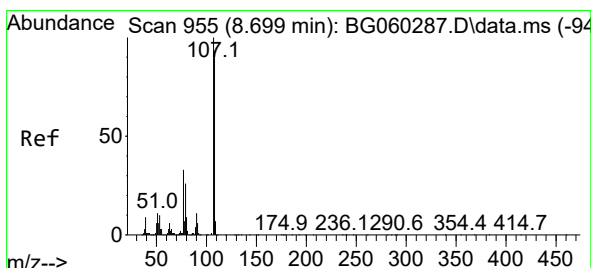
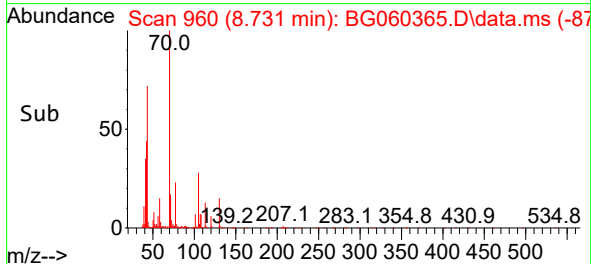
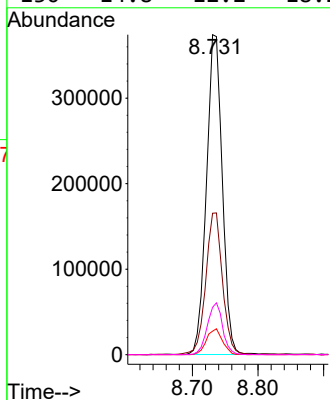
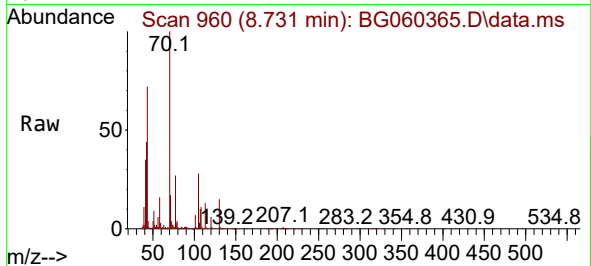
#19
n-Nitroso-di-n-propylamine
Concen: 42.077 ng
RT: 8.731 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :
BNA_G
ClientSampleId :
PB158491BS

Tgt Ion: 70 Resp: 62875
Ion Ratio Lower Upper
70 100
42 44.2 34.3 51.5
101 7.4 6.2 9.2
130 14.8 12.2 18.2

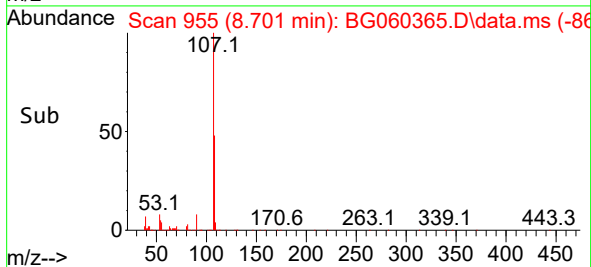
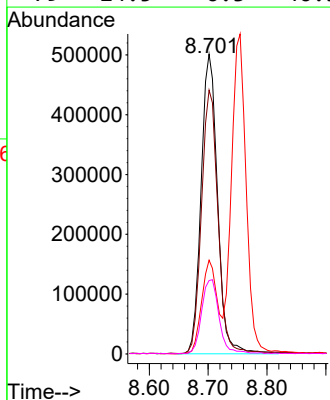
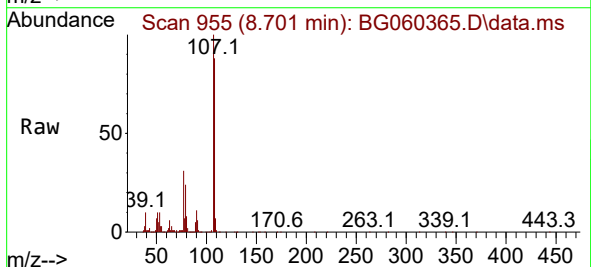
Manual Integrations
APPROVED

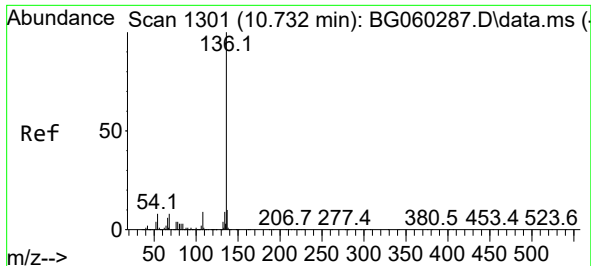
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#20
3+4-Methylphenols
Concen: 48.393 ng
RT: 8.701 min Scan# 955
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:107 Resp: 970135
Ion Ratio Lower Upper
107 100
108 88.0 72.5 112.5
77 31.3 13.0 53.0
79 24.5 6.3 46.3





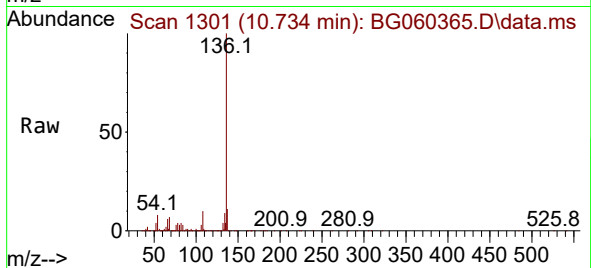
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

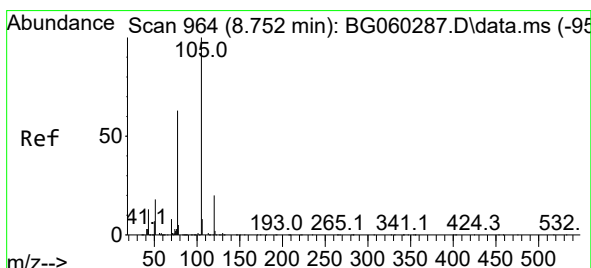
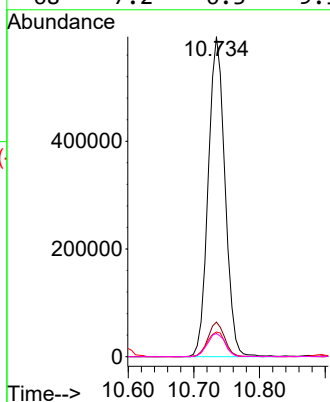
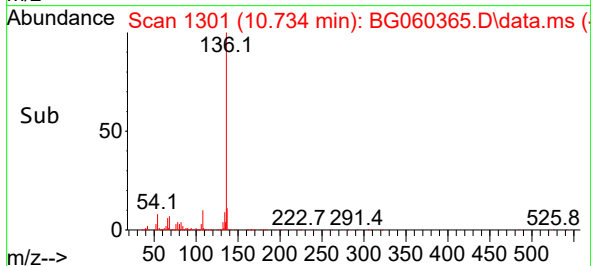


Tgt Ion:136 Resp: 1053778
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 7.7 6.2 9.2
68 7.2 6.3 9.5

Manual Integrations

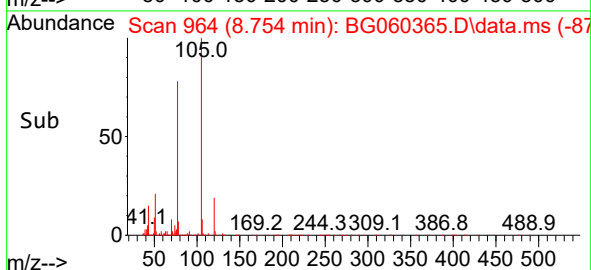
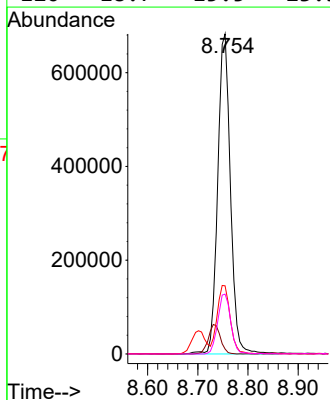
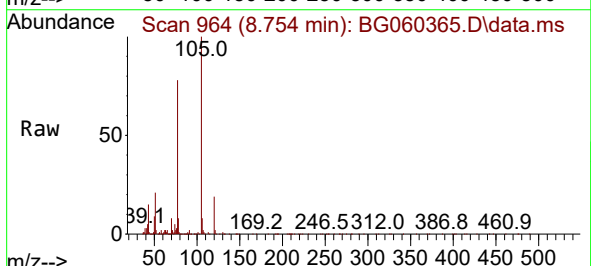
APPROVED

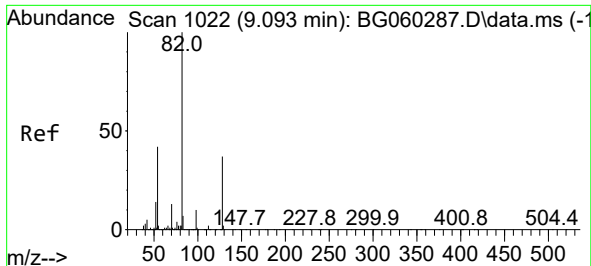
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#22
Acetophenone
Concen: 41.458 ng
RT: 8.754 min Scan# 964
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:105 Resp: 1200884
Ion Ratio Lower Upper
105 100
71 1.5 1.7 2.5#
51 21.3 18.2 27.2
120 18.7 15.5 23.3





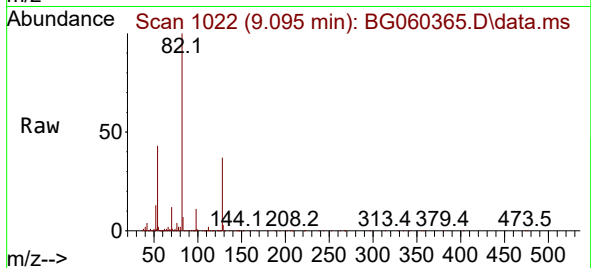
#23
Nitrobenzene-d5
Concen: 75.989 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

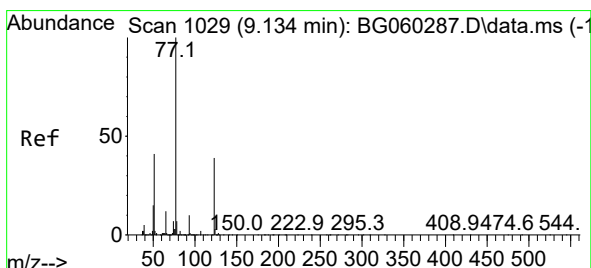
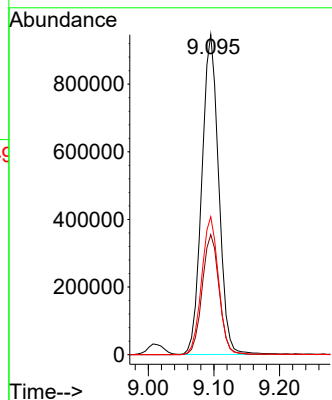
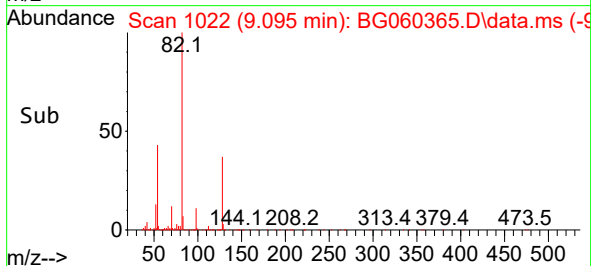


Tgt Ion: 82 Resp: 169580
Ion Ratio Lower Upper
82 100
128 37.5 29.6 44.4
54 43.1 33.6 50.4

Manual Integrations

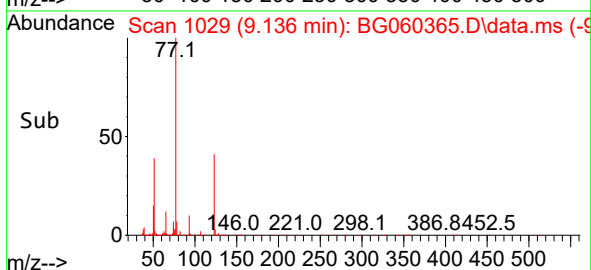
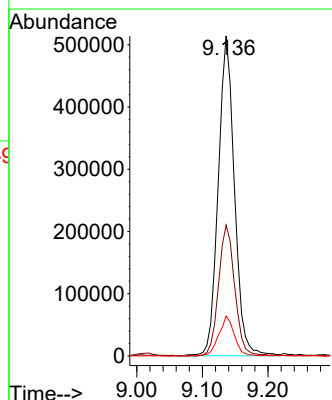
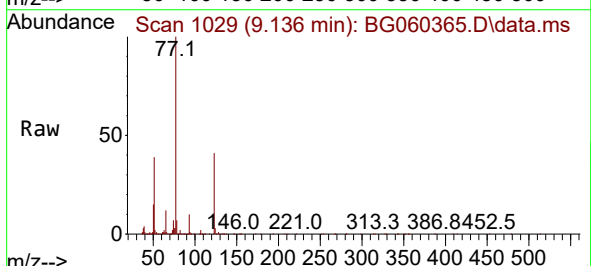
APPROVED

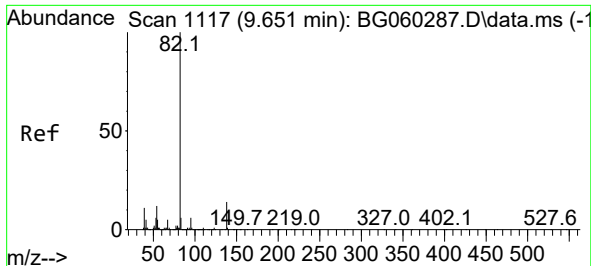
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#24
Nitrobenzene
Concen: 37.984 ng
RT: 9.136 min Scan# 1029
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion: 77 Resp: 878718
Ion Ratio Lower Upper
77 100
123 40.9 31.4 47.0
65 12.5 9.6 14.4





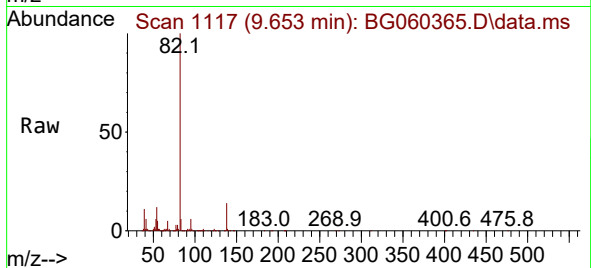
#25
Isophorone
Concen: 39.528 ng
RT: 9.653 min Scan# 1117
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

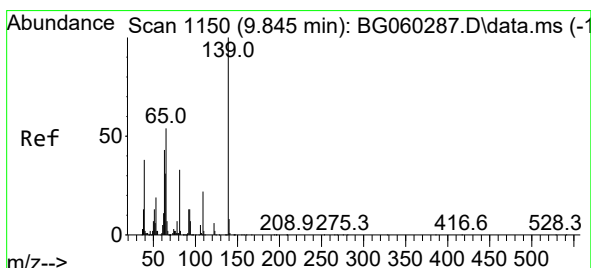
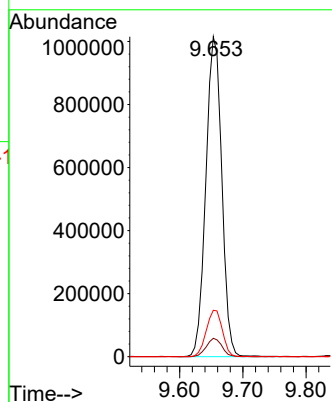
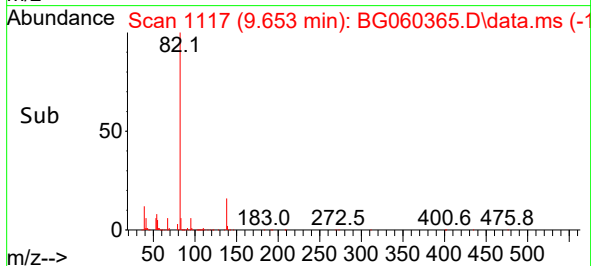


Tgt Ion: 82 Resp: 1771529
Ion Ratio Lower Upper
82 100
95 5.8 4.7 7.1
138 14.5 11.1 16.7

Manual Integrations

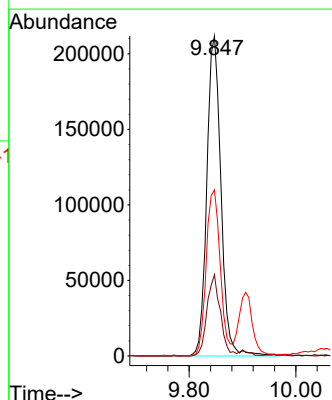
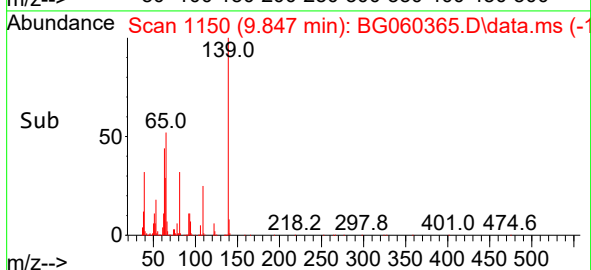
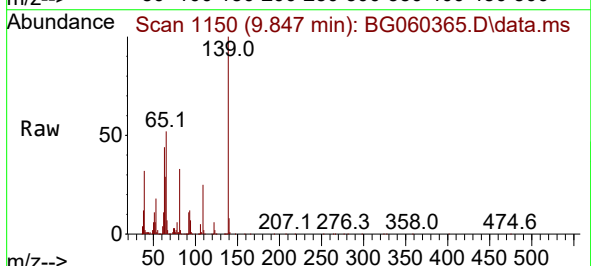
APPROVED

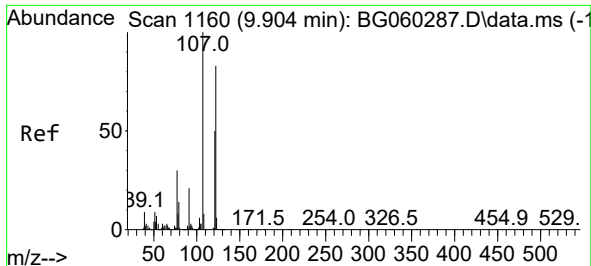
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#26
2-Nitrophenol
Concen: 45.786 ng
RT: 9.847 min Scan# 1150
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:139 Resp: 389454
Ion Ratio Lower Upper
139 100
109 25.4 17.6 26.4
65 51.9 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 62.036 ng

RT: 9.906 min Scan# 1160

Delta R.T. 0.002 min

Lab File: BG060365.D

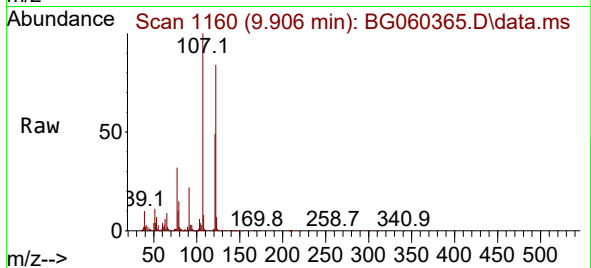
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS



Tgt Ion:122 Resp: 69724

Ion Ratio Lower Upper

122 100

107 119.2 95.4 143.0

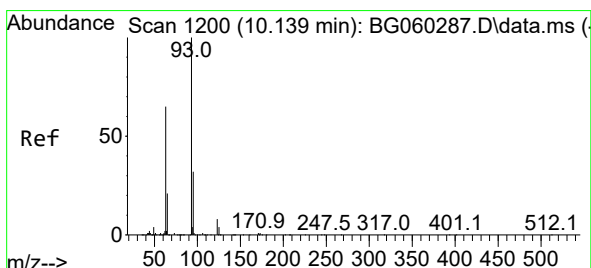
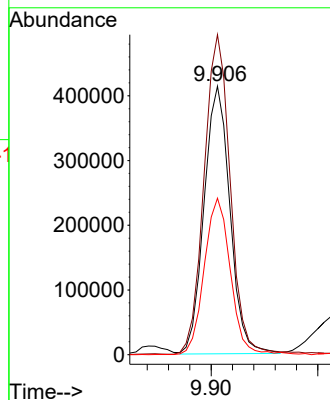
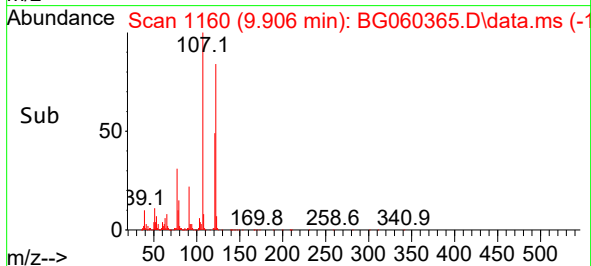
121 58.3 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024

Supervised By :mohammad ahmed 01/23/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.848 ng

RT: 10.141 min Scan# 1200

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

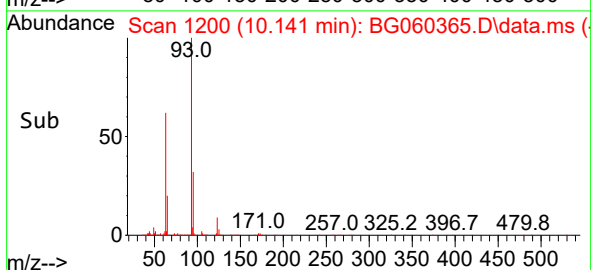
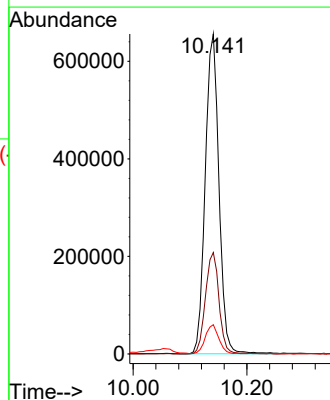
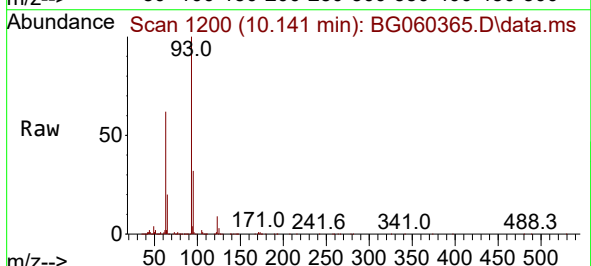
Tgt Ion: 93 Resp: 1091139

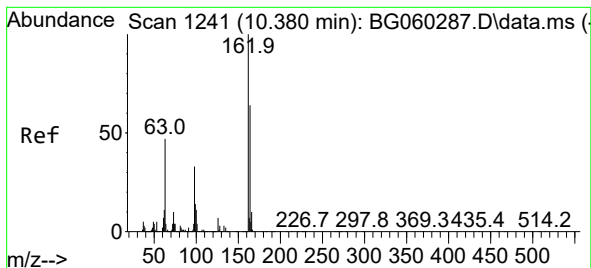
Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.0

123 9.1 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 45.659 ng
RT: 10.382 min Scan# 1241
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

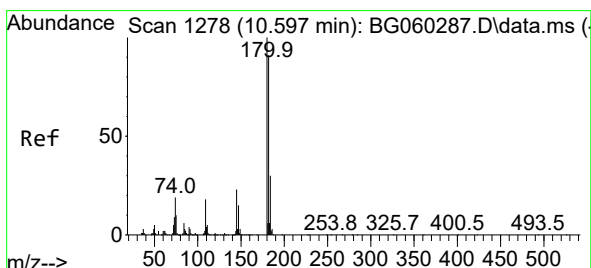
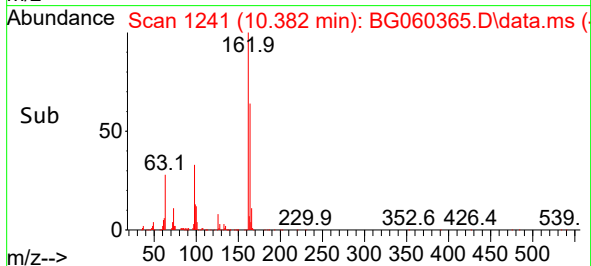
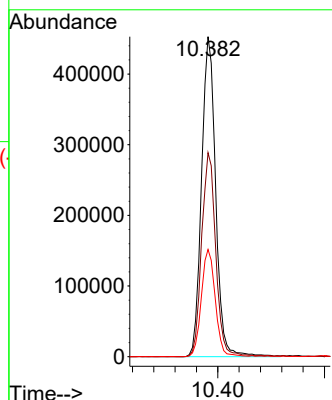
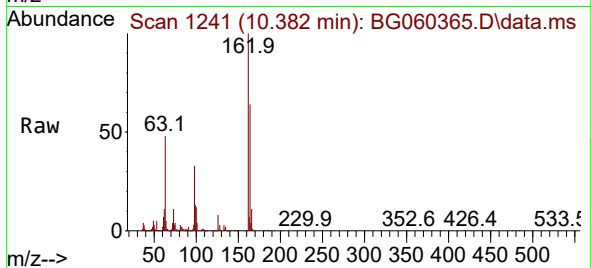
PB158491BS

Tgt Ion:162 Resp: 831610
Ion Ratio Lower Upper
162 100
164 63.8 44.3 84.3
98 33.5 13.4 53.4

Manual Integrations

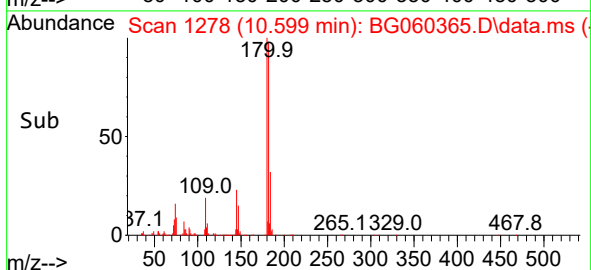
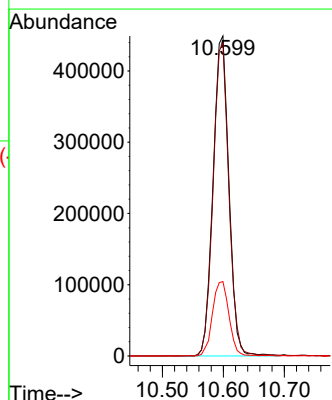
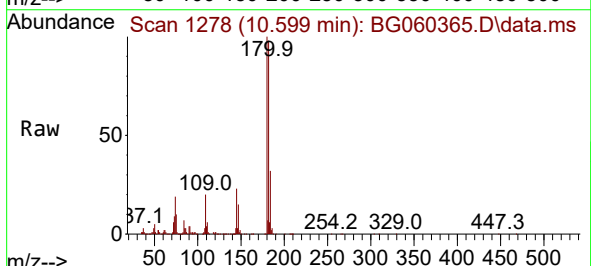
APPROVED

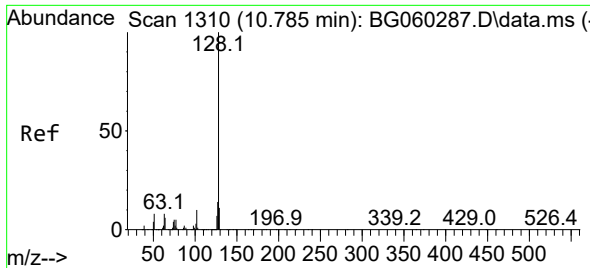
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#30
1,2,4-Trichlorobenzene
Concen: 35.752 ng
RT: 10.599 min Scan# 1278
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

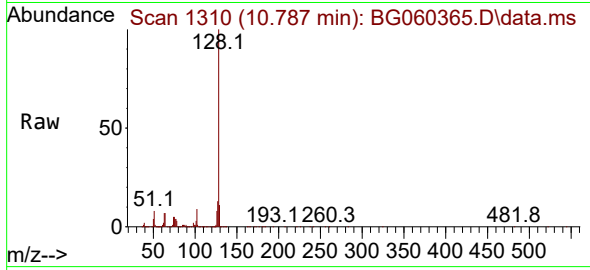
Tgt Ion:180 Resp: 810112
Ion Ratio Lower Upper
180 100
182 97.7 72.7 109.1
145 23.3 18.2 27.2





#31
Naphthalene
Concen: 37.303 ng
RT: 10.787 min Scan# 1186
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

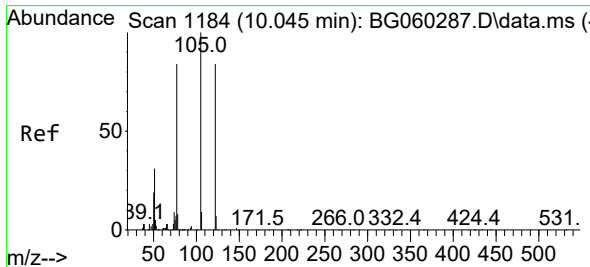
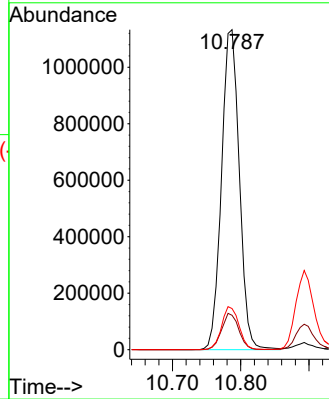
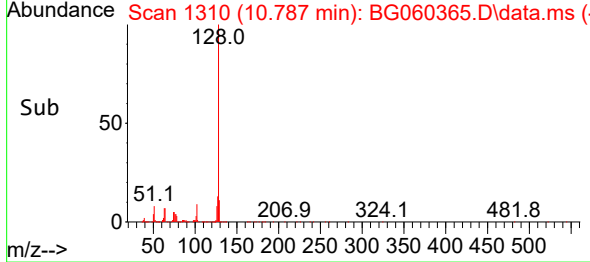
Instrument :
BNA_G
ClientSampleId :
PB158491BS



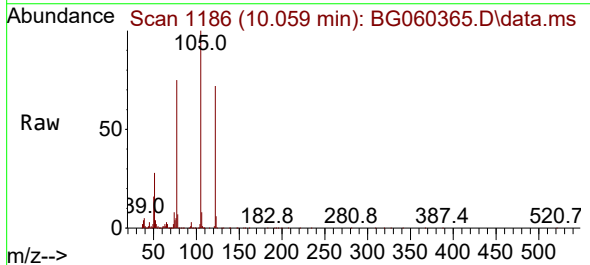
Tgt Ion:128 Resp: 206055
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.8 10.9 16.3

Manual Integrations
APPROVED

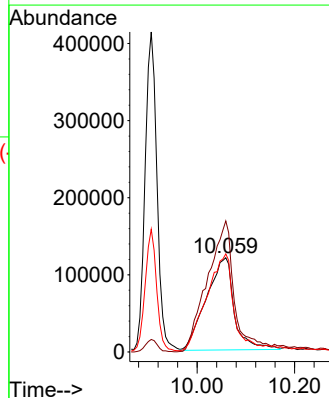
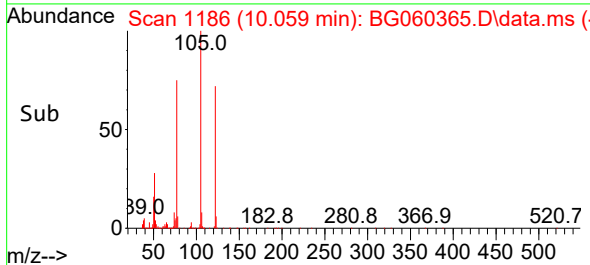
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

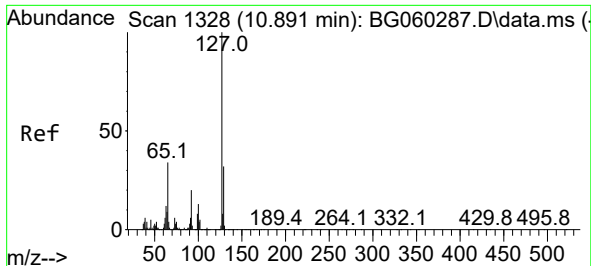


#32
Benzoic acid
Concen: 48.027 ng
RT: 10.059 min Scan# 1186
Delta R.T. 0.014 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:122 Resp: 476769
Ion Ratio Lower Upper
122 100
105 139.0 96.0 136.0#
77 104.1 80.1 120.1





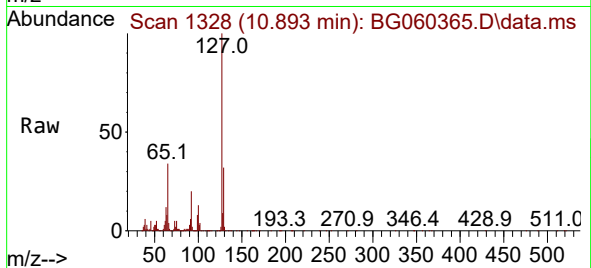
#33
4-Chloroaniline
Concen: 25.281 ng
RT: 10.893 min Scan# 1328
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

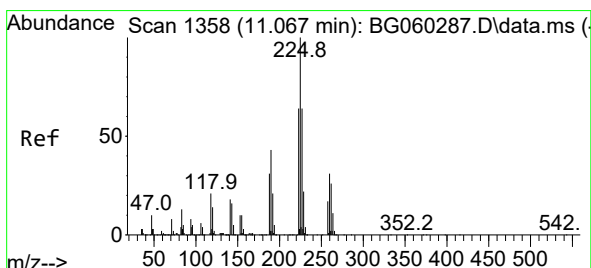
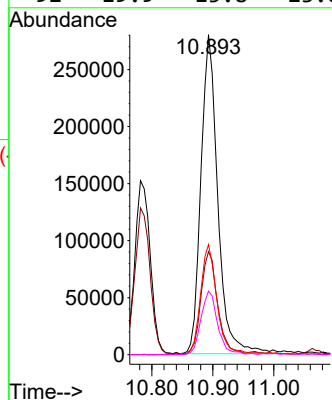
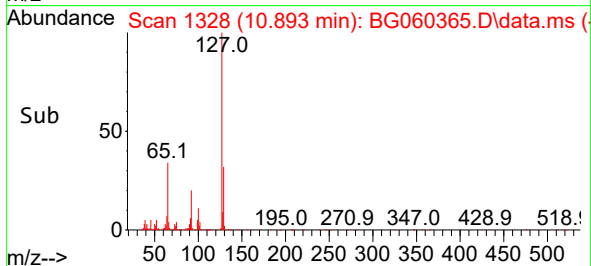


Tgt Ion:127 Resp: 53807
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 34.4 27.5 41.3
92 19.9 15.8 23.8

Manual Integrations

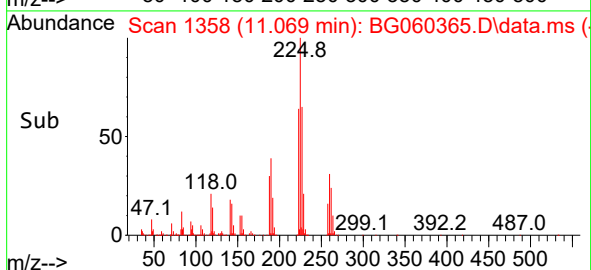
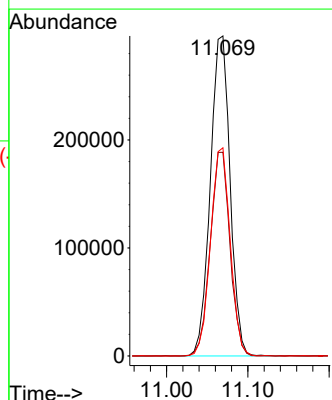
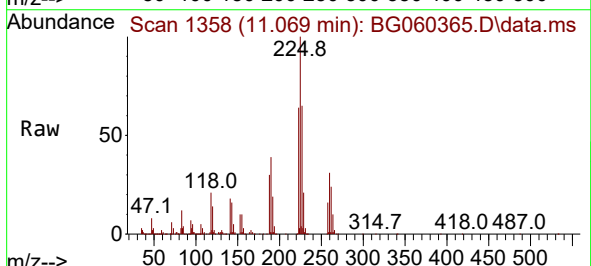
APPROVED

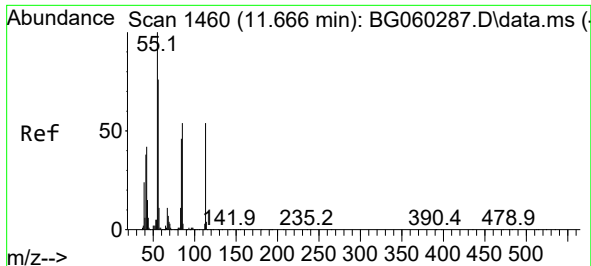
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#34
Hexachlorobutadiene
Concen: 33.898 ng
RT: 11.069 min Scan# 1358
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

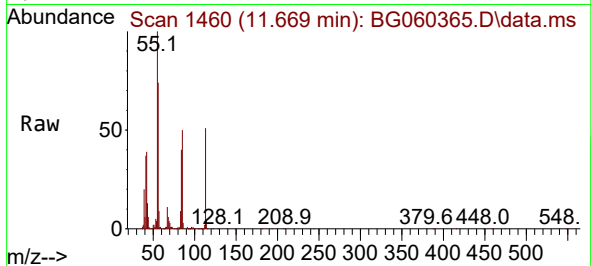
Tgt Ion:225 Resp: 500362
Ion Ratio Lower Upper
225 100
223 63.6 48.7 73.1
227 65.0 48.7 73.1





#35
Caprolactam
Concen: 52.320 ng m
RT: 11.669 min Scan# 1460
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

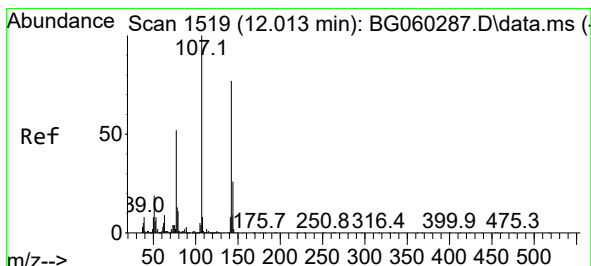
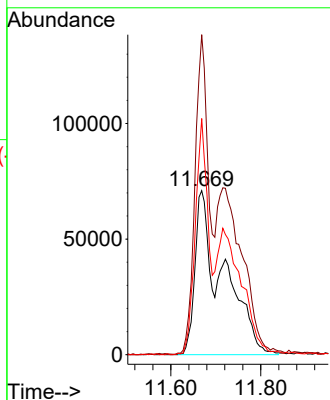
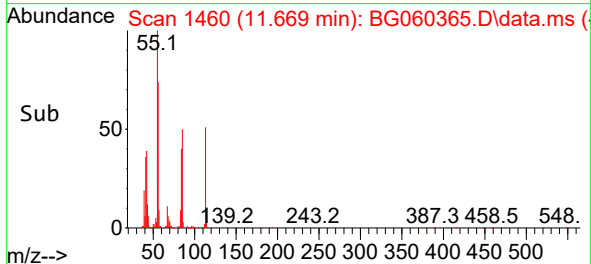
Instrument :
BNA_G
ClientSampleId :
PB158491BS



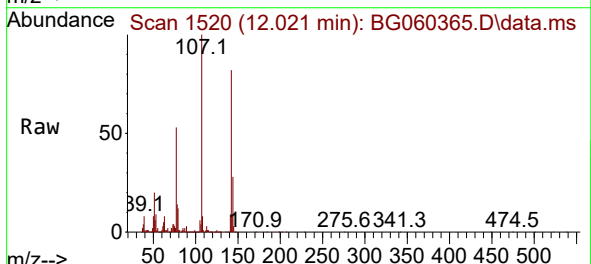
Tgt Ion:113 Resp: 30692
Ion Ratio Lower Upper
113 100
55 195.2 166.4 206.4
56 144.1 121.0 161.0

Manual Integrations
APPROVED

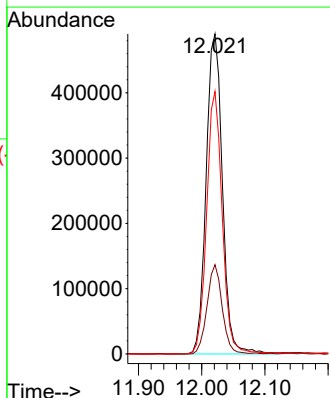
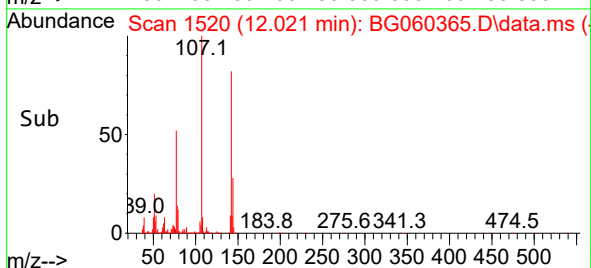
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

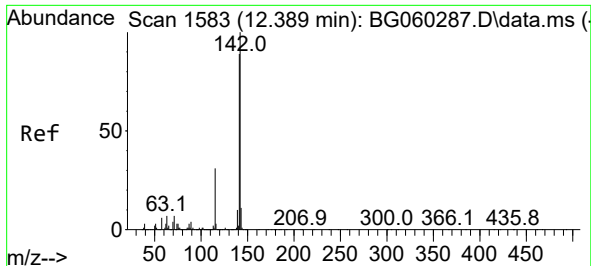


#36
4-Chloro-3-methylphenol
Concen: 47.407 ng
RT: 12.021 min Scan# 1520
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:107 Resp: 877172
Ion Ratio Lower Upper
107 100
144 27.9 20.6 31.0
142 82.0 61.5 92.3





#37

2-Methylnaphthalene

Concen: 39.531 ng

RT: 12.391 min Scan# 1583

Delta R.T. 0.002 min

Lab File: BG060365.D

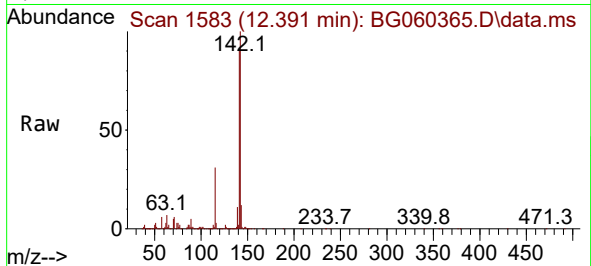
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS



Tgt Ion:142 Resp: 1619489

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.4

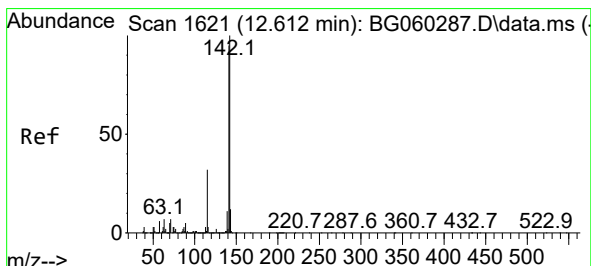
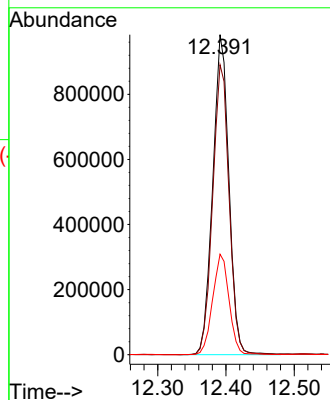
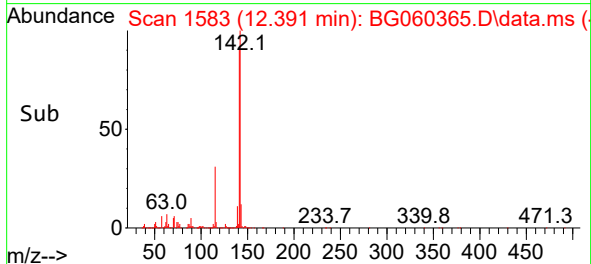
115 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024

Supervised By :mohammad ahmed 01/23/2024



#38

1-Methylnaphthalene

Concen: 37.265 ng

RT: 12.615 min Scan# 1621

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

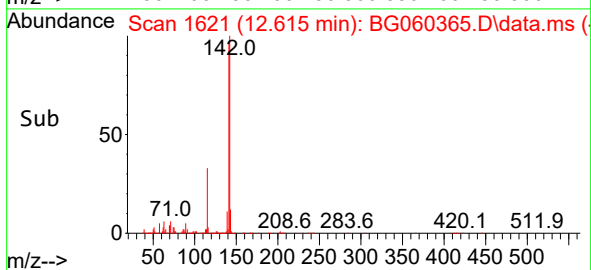
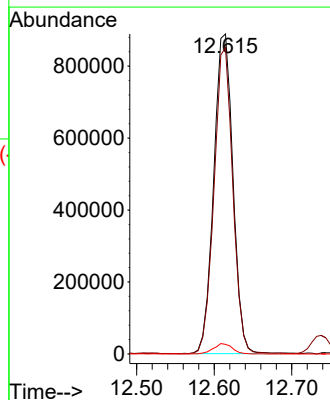
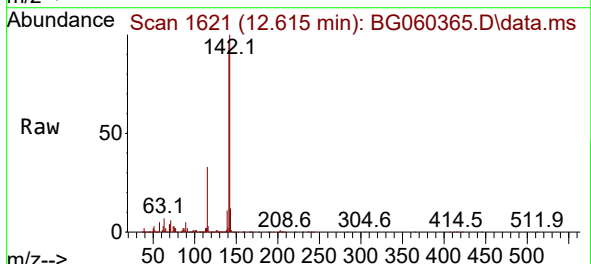
Tgt Ion:142 Resp: 1533025

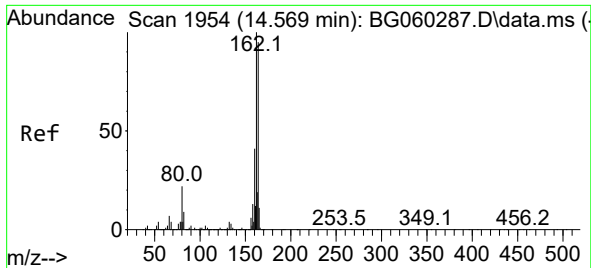
Ion Ratio Lower Upper

142 100

141 95.7 76.2 114.2

116 3.0 2.6 3.8





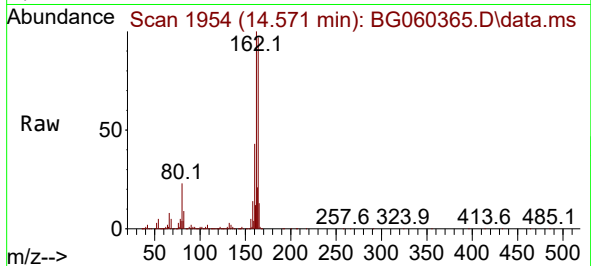
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

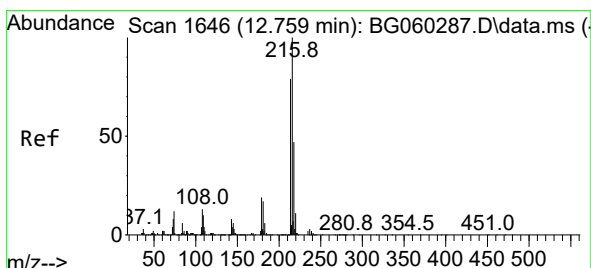
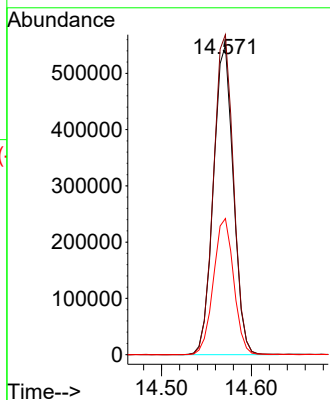
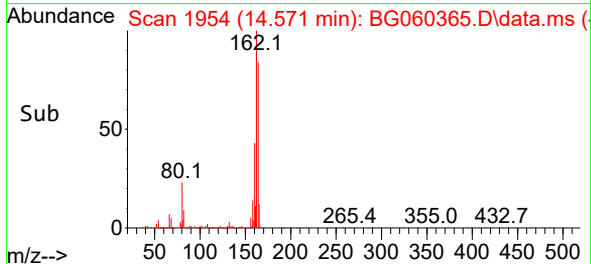


Tgt Ion:164 Resp: 848059
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 44.0 34.6 52.0

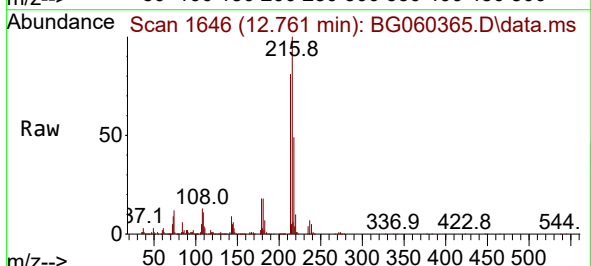
Manual Integrations

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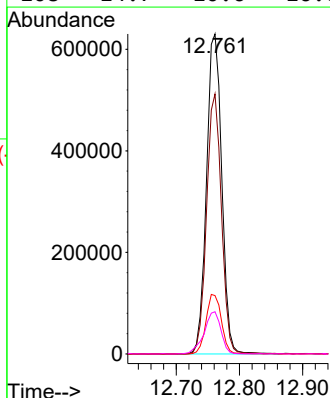
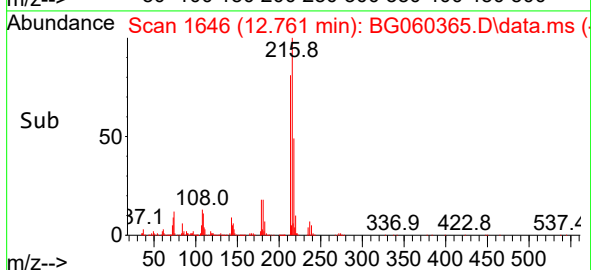
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

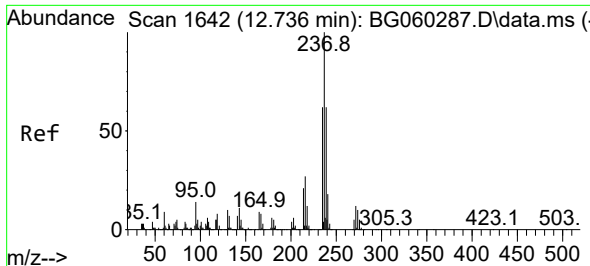


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.008 ng
RT: 12.761 min Scan# 1646
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:216 Resp: 1054395
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 18.8 14.8 22.2
108 14.7 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 97.393 ng
RT: 12.738 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

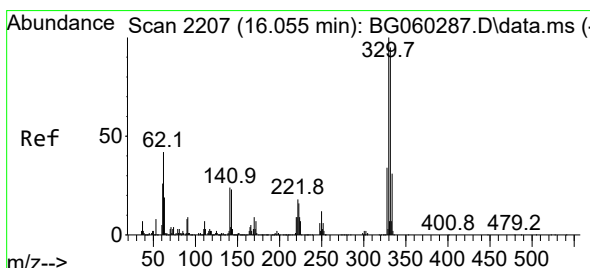
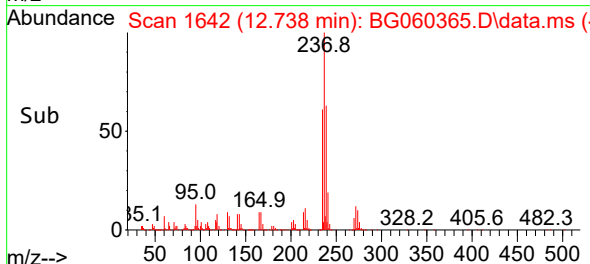
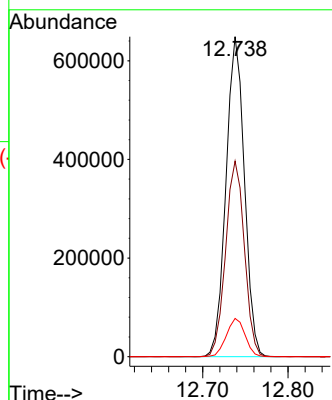
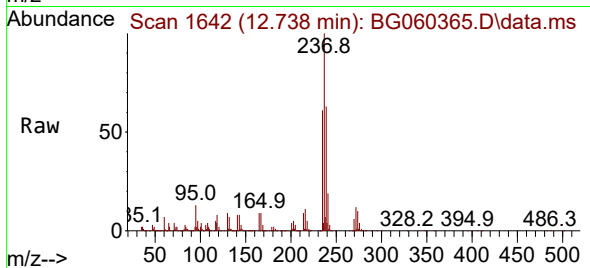
ClientSampleId :

PB158491BS

Tgt Ion:237 Resp: 97390
Ion Ratio Lower Upper
237 100
235 61.1 41.6 81.6
272 12.0 0.0 31.8

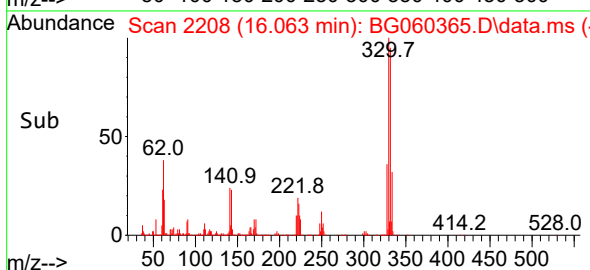
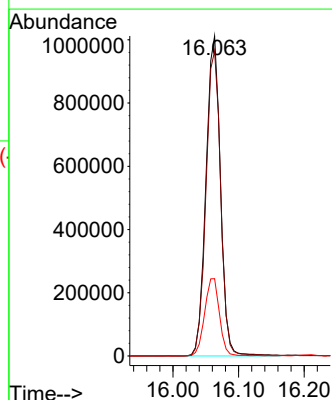
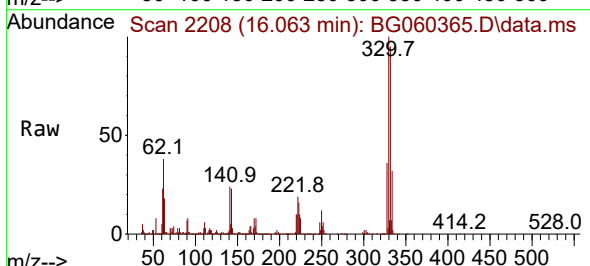
Manual Integrations
APPROVED

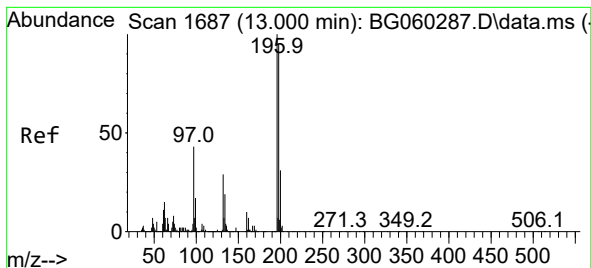
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#42
2,4,6-Tribromophenol
Concen: 124.776 ng
RT: 16.063 min Scan# 2208
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

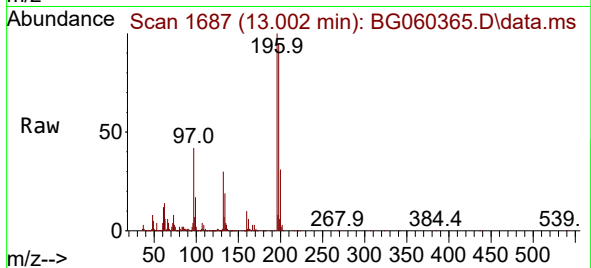
Tgt Ion:330 Resp: 1556876
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 24.8 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 41.413 ng
RT: 13.002 min Scan# 1700
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

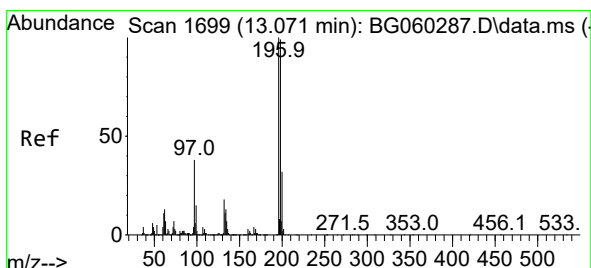
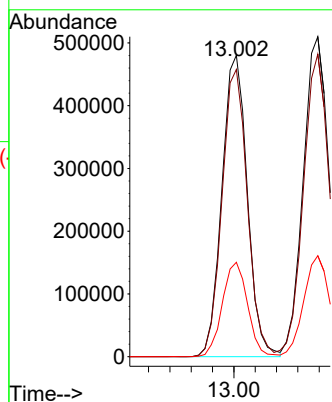
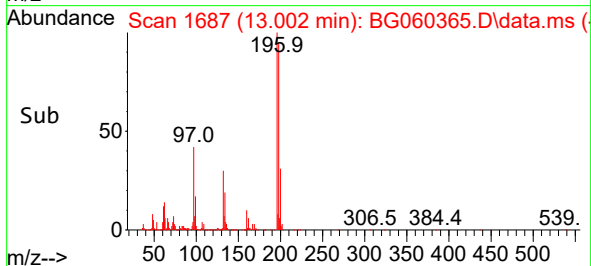
Instrument :
BNA_G
ClientSampleId :
PB158491BS



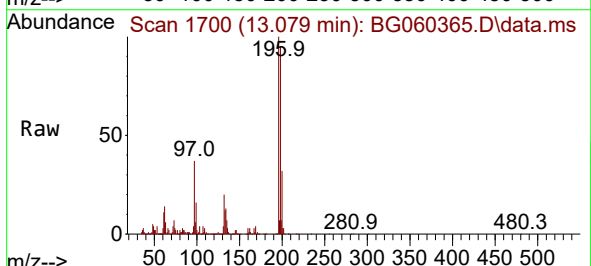
Tgt Ion:196 Resp: 793784
Ion Ratio Lower Upper
196 100
198 95.3 75.7 113.5
200 31.3 24.7 37.1

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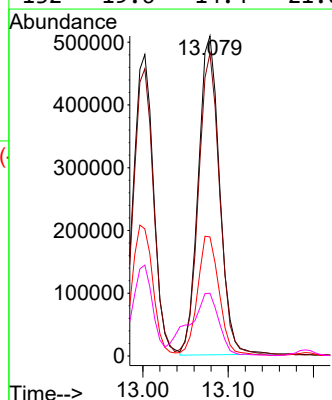
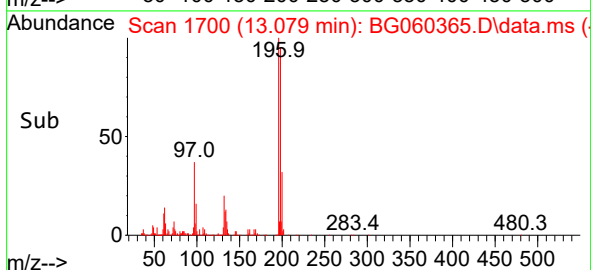
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

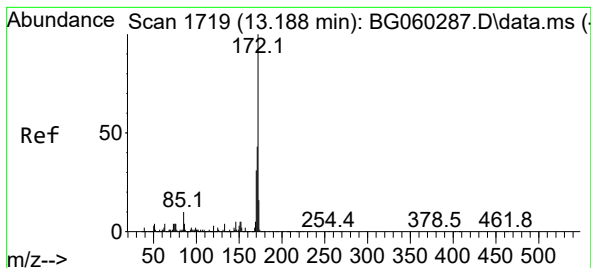


#44
2,4,5-Trichlorophenol
Concen: 41.726 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:196 Resp: 882149
Ion Ratio Lower Upper
196 100
198 94.6 78.6 118.0
97 37.2 30.6 46.0
132 19.6 14.4 21.6





#45

2-Fluorobiphenyl

Concen: 66.823 ng

RT: 13.190 min Scan# 1719

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:172 Resp: 407604

Ion Ratio Lower Upper

172 100

171 42.8 34.6 51.8

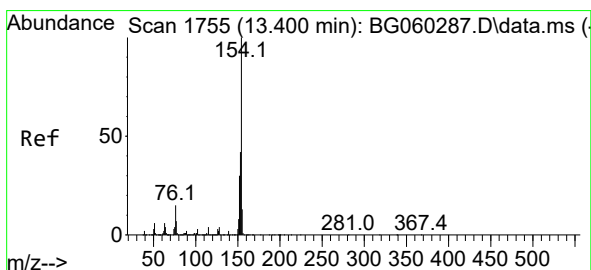
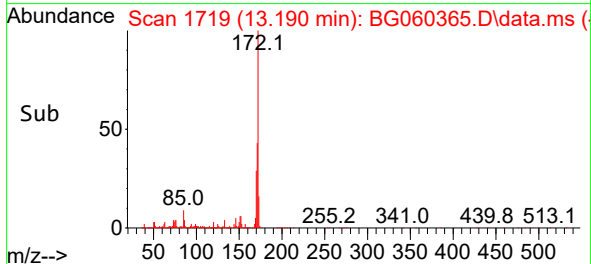
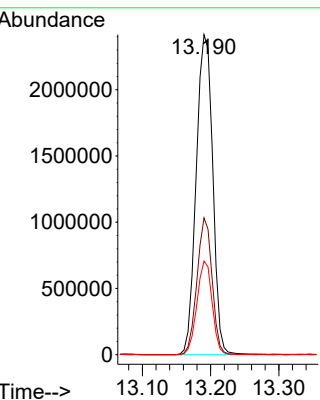
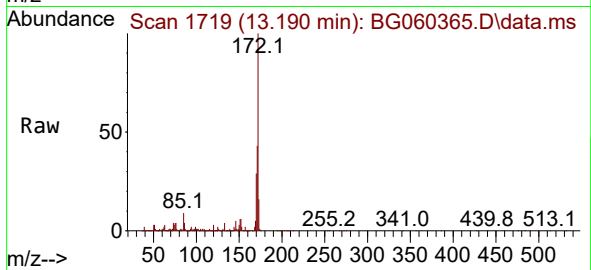
170 29.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024

Supervised By :mohammad ahmed 01/23/2024



#46

1,1'-Biphenyl

Concen: 36.950 ng

RT: 13.402 min Scan# 1755

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

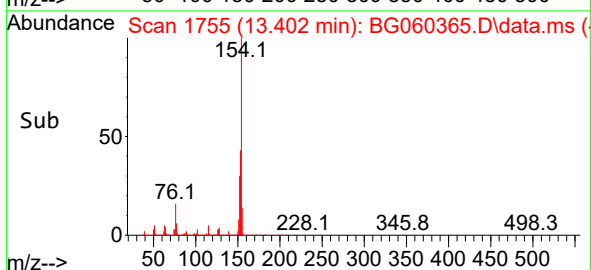
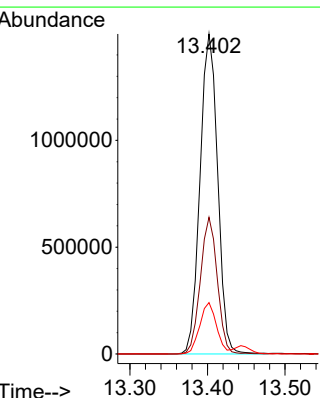
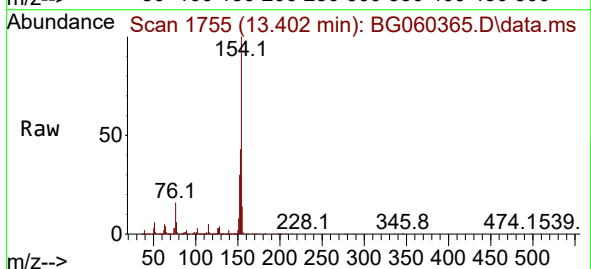
Tgt Ion:154 Resp: 2365368

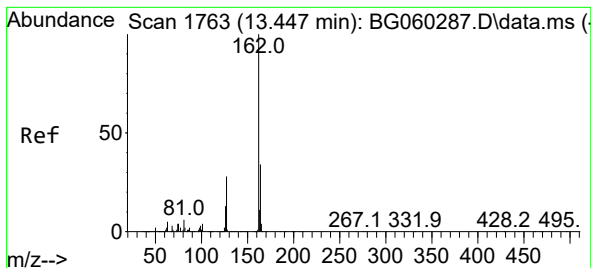
Ion Ratio Lower Upper

154 100

153 42.7 22.0 62.0

76 16.1 0.0 35.2





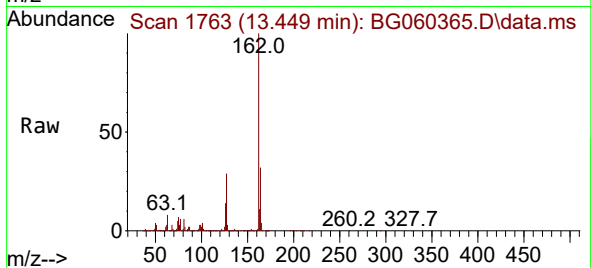
#47
2-Chloronaphthalene
Concen: 35.669 ng
RT: 13.449 min Scan# 1763
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

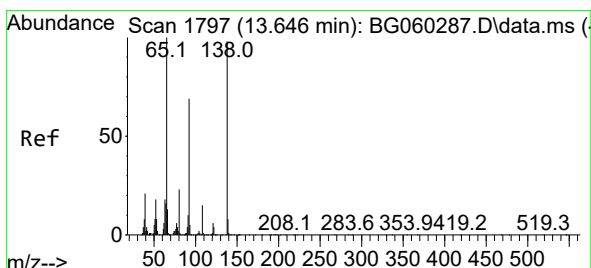
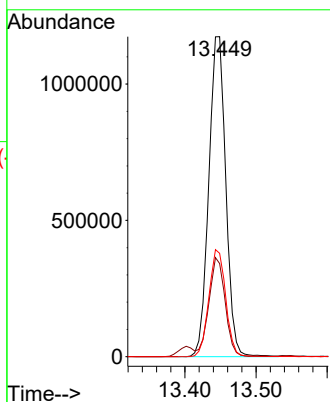
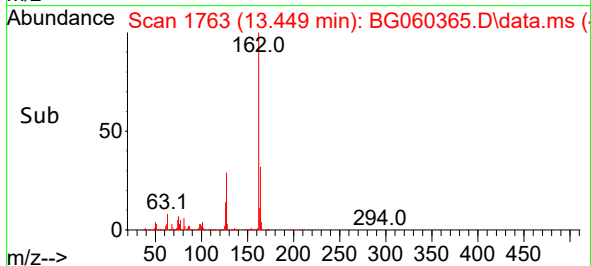


Tgt Ion:162 Resp: 1956129
Ion Ratio Lower Upper
162 100
127 29.1 23.5 35.3
164 32.3 26.9 40.3

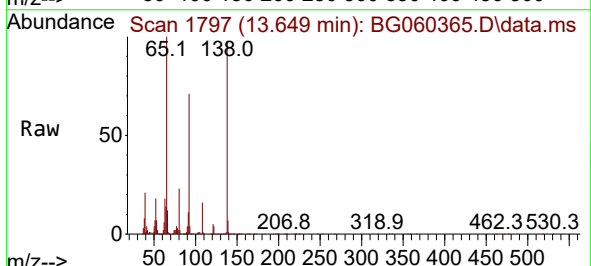
Manual Integrations

APPROVED

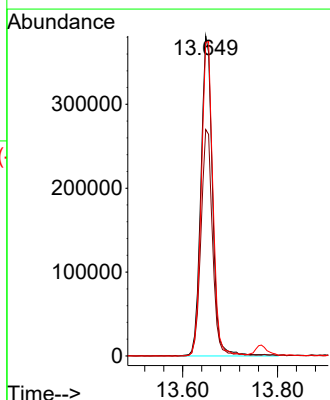
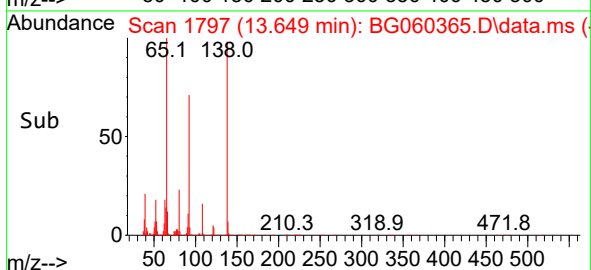
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

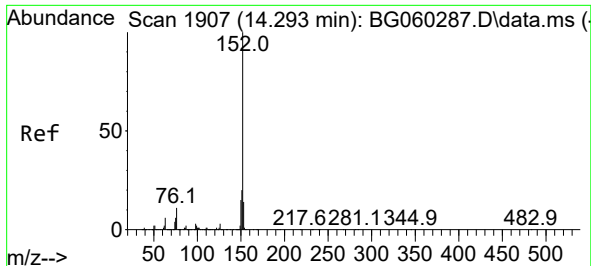


#48
2-Nitroaniline
Concen: 47.293 ng
RT: 13.649 min Scan# 1797
Delta R.T. 0.003 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion: 65 Resp: 645898
Ion Ratio Lower Upper
65 100
92 70.8 55.0 82.6
138 98.0 78.1 117.1





#49
Acenaphthylene
Concen: 39.920 ng
RT: 14.295 min Scan# 1907
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

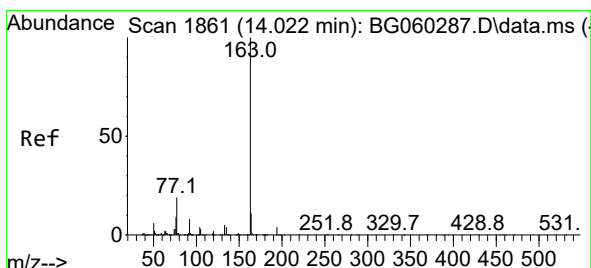
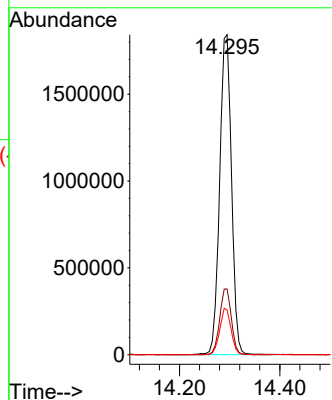
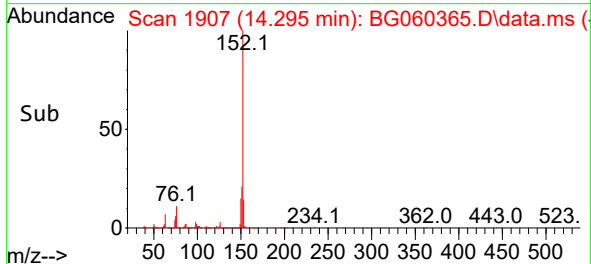
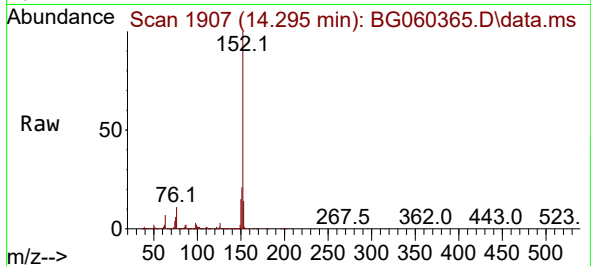
PB158491BS

Tgt Ion:152 Resp: 3014740
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.0 11.5 17.3

Manual Integrations

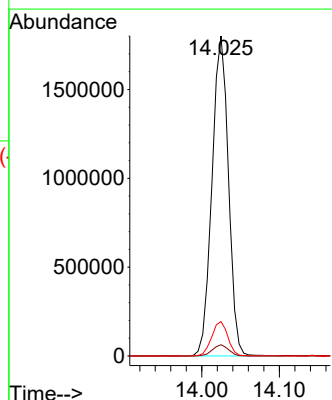
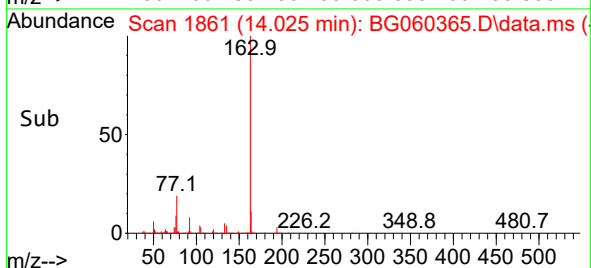
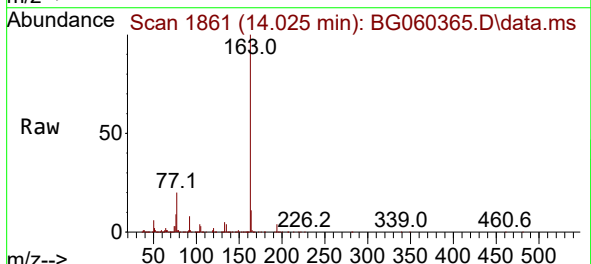
APPROVED

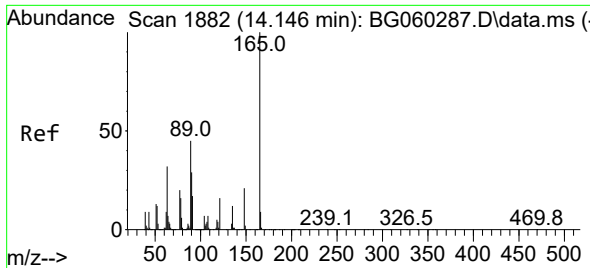
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#50
Dimethylphthalate
Concen: 40.943 ng
RT: 14.025 min Scan# 1861
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:163 Resp: 2653404
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.8 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 44.273 ng
RT: 14.142 min Scan# 1882
Delta R.T. -0.004 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

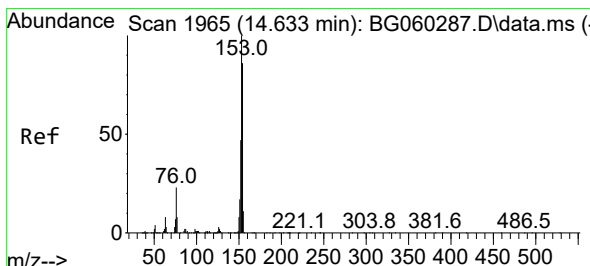
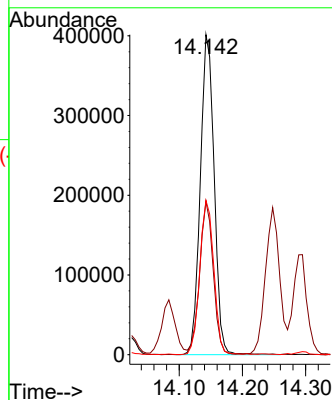
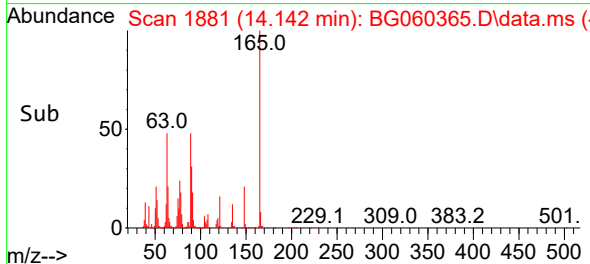
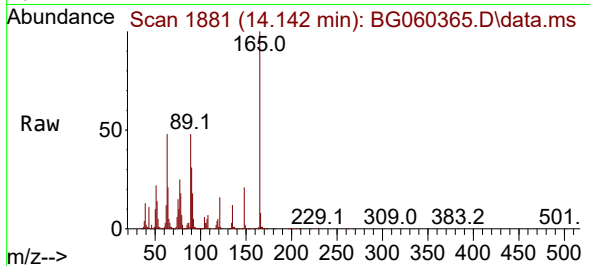
PB158491BS

Tgt Ion:165 Resp: 612239
Ion Ratio Lower Upper
165 100
63 47.9 35.0 52.4
89 48.2 36.2 54.2

Manual Integrations

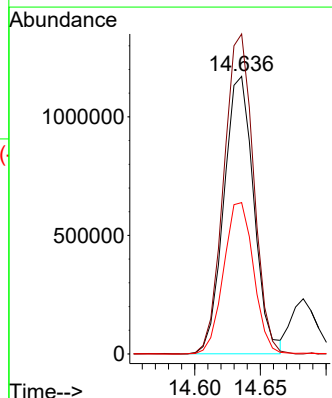
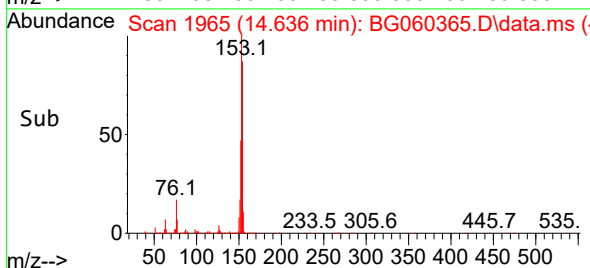
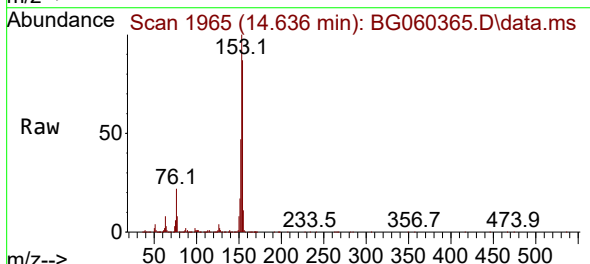
APPROVED

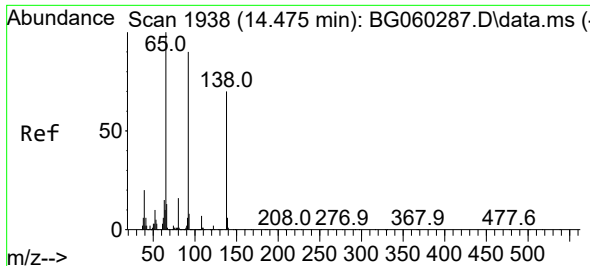
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#52
Acenaphthene
Concen: 39.578 ng
RT: 14.636 min Scan# 1965
Delta R.T. 0.003 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

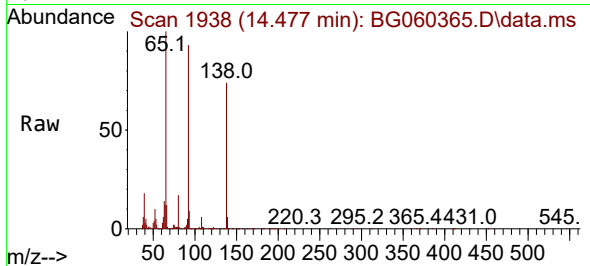
Tgt Ion:154 Resp: 1861131
Ion Ratio Lower Upper
154 100
153 115.3 92.6 138.8
152 54.5 43.8 65.8





#53
3-Nitroaniline
Concen: 35.230 ng
RT: 14.477 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

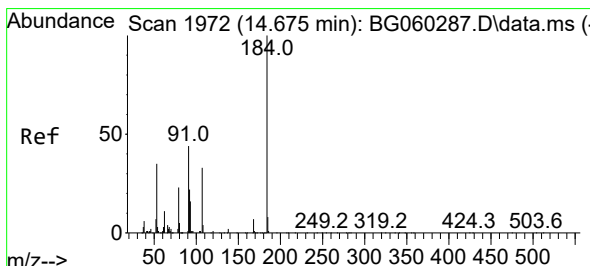
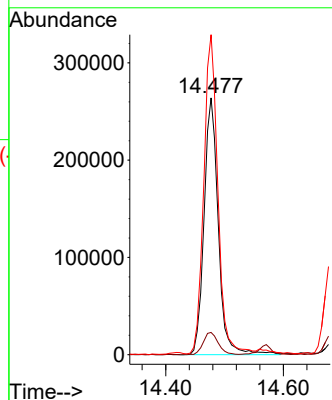
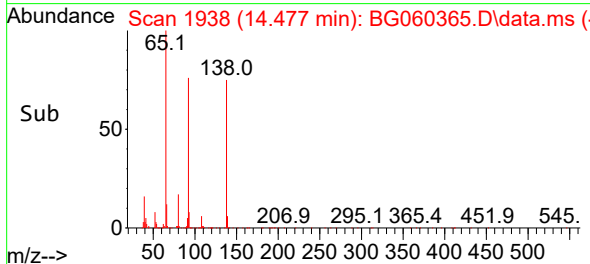
Instrument :
BNA_G
ClientSampleId :
PB158491BS



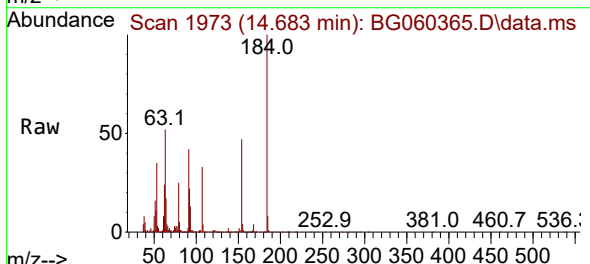
Tgt Ion:138 Resp: 443915
Ion Ratio Lower Upper
138 100
108 8.6 7.8 11.8
92 124.6 102.4 153.6

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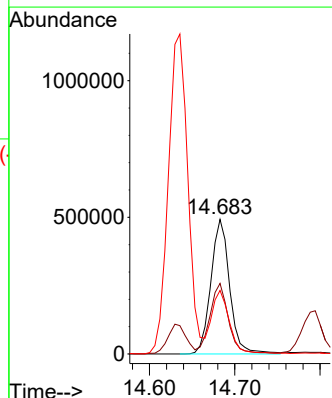
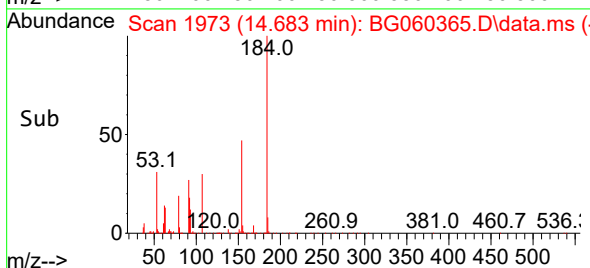
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

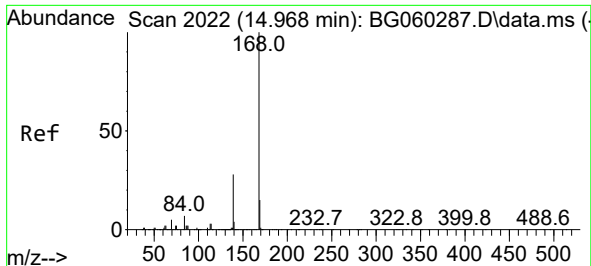


#54
2,4-Dinitrophenol
Concen: 88.931 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:184 Resp: 754642
Ion Ratio Lower Upper
184 100
63 52.4 41.0 61.4
154 47.2 39.2 58.8





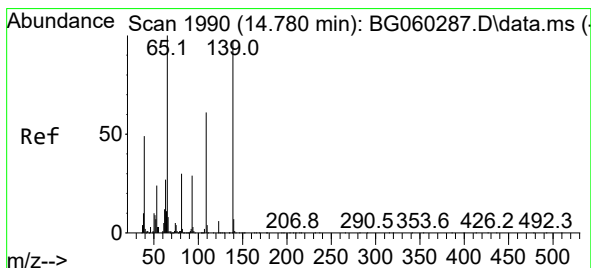
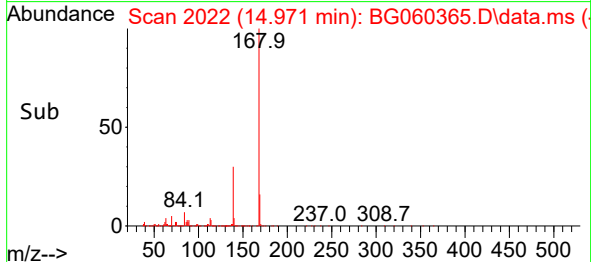
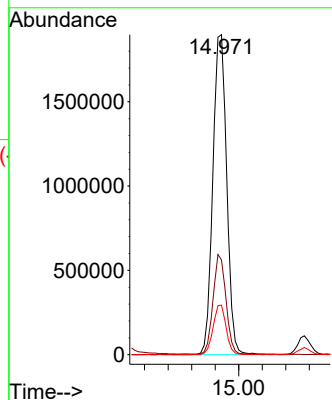
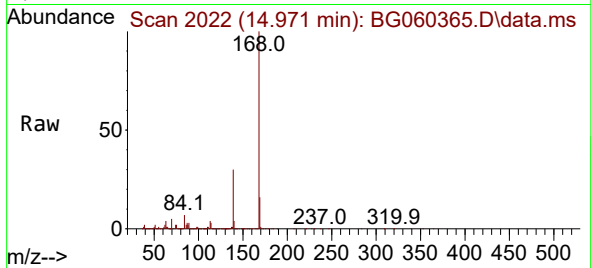
#55
Dibenzenofuran
Concen: 39.548 ng
RT: 14.971 min Scan# 20
Delta R.T. 0.003 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :
BNA_G
ClientSampleId :
PB158491BS

Tgt Ion:168 Resp: 310451
Ion Ratio Lower Upper
168 100
139 29.6 22.6 34.0
169 15.5 12.1 18.1

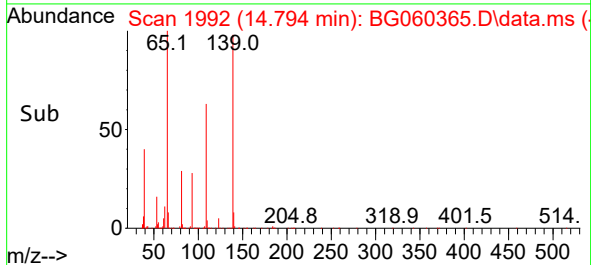
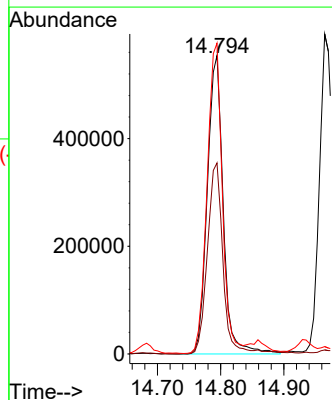
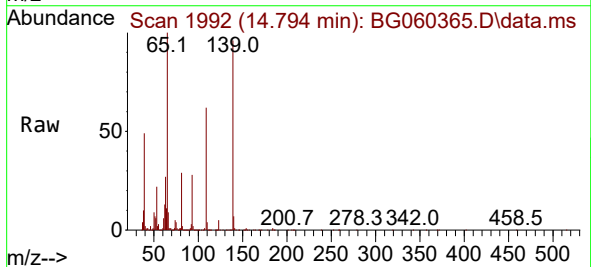
Manual Integrations
APPROVED

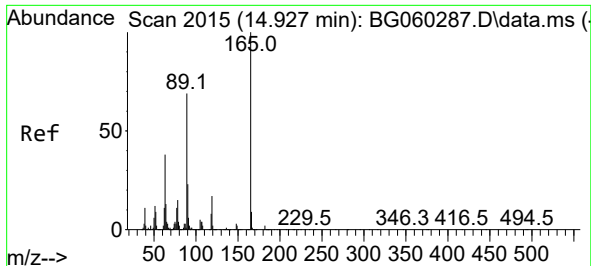
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#56
4-Nitrophenol
Concen: 103.415 ng
RT: 14.794 min Scan# 1992
Delta R.T. 0.014 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:139 Resp: 966549
Ion Ratio Lower Upper
139 100
109 64.0 42.2 82.2
65 104.1 83.3 123.3





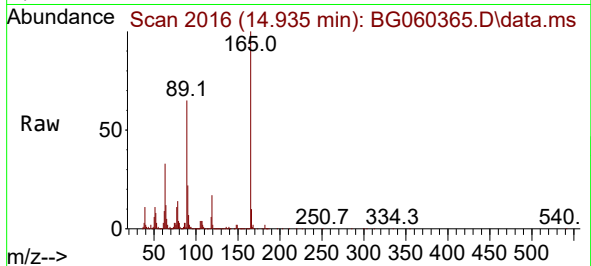
#57
2,4-Dinitrotoluene
Concen: 45.511 ng
RT: 14.935 min Scan# 2015
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

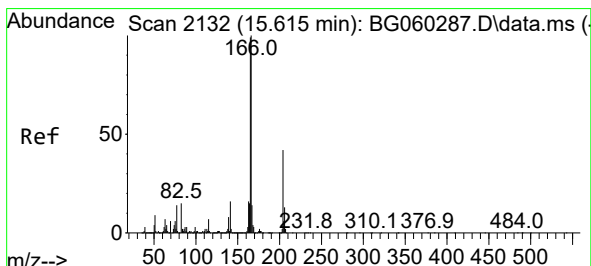
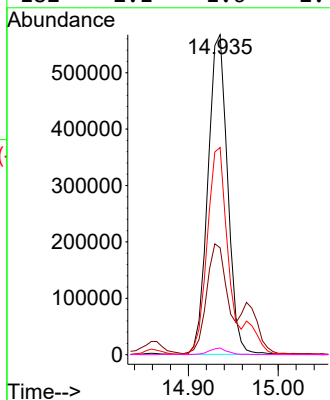
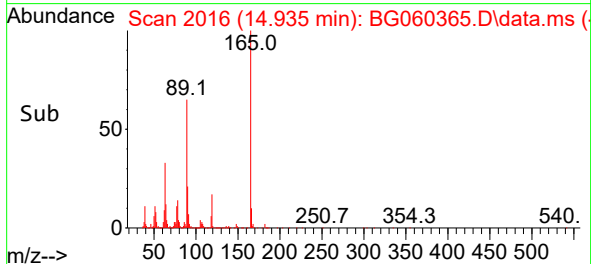


Tgt Ion:165 Resp: 863020
Ion Ratio Lower Upper
165 100
63 33.4 30.4 45.6
89 64.7 55.4 83.0
182 2.1 1.6 2.4

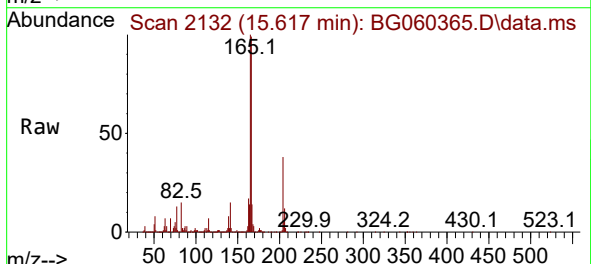
Manual Integrations

APPROVED

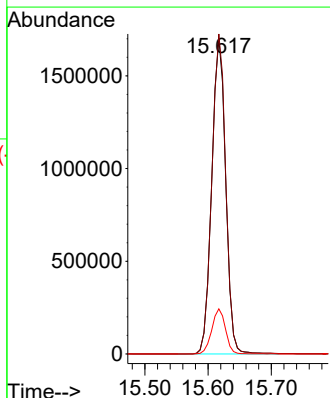
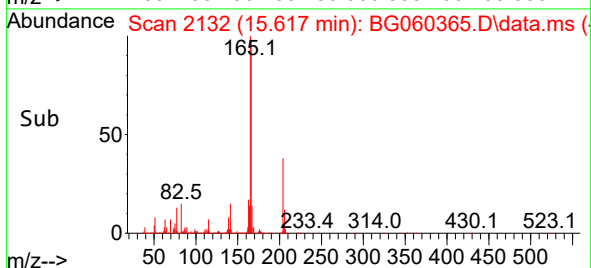
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

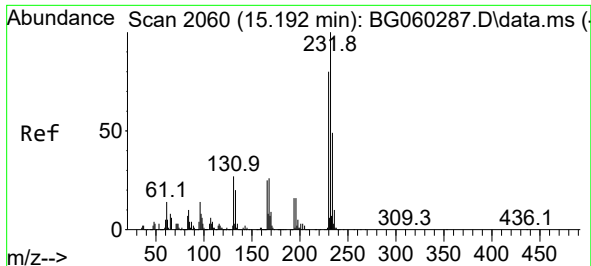


#58
Fluorene
Concen: 40.063 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:166 Resp: 2604365
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 14.3 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.391 ng
RT: 15.194 min Scan# 2060
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

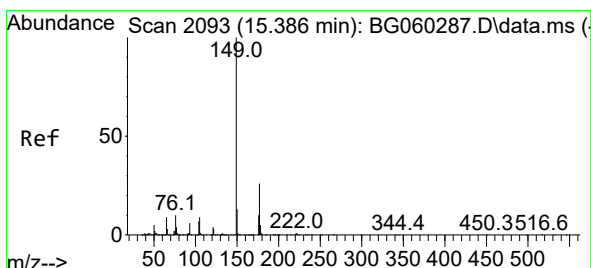
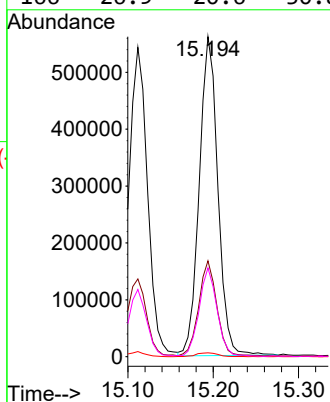
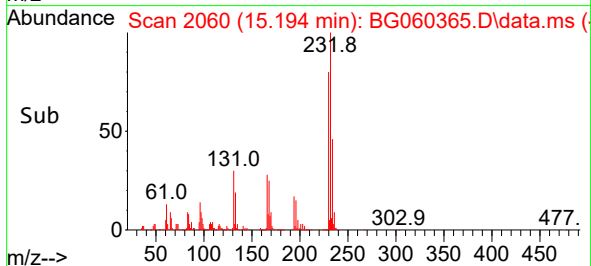
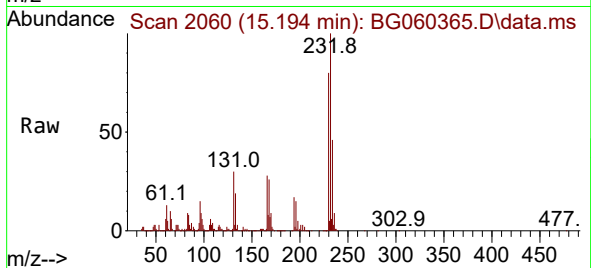
PB158491BS

Tgt Ion:232 Resp: 85078
Ion Ratio Lower Upper
232 100
131 29.7 22.7 34.1
130 1.4 1.1 1.7
166 26.9 20.6 30.8

Manual Integrations

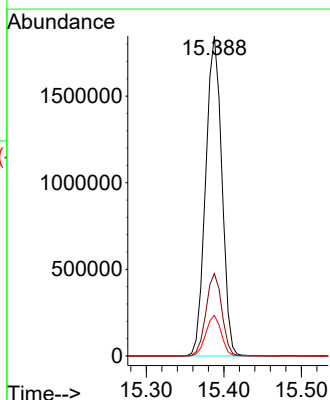
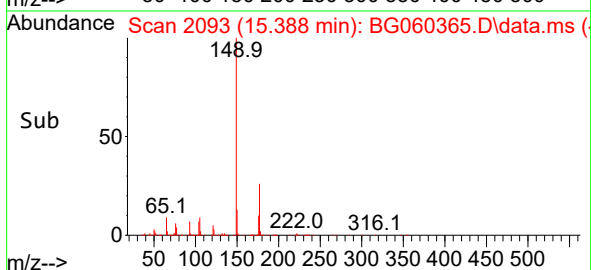
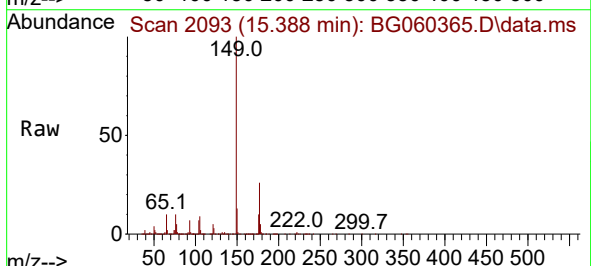
APPROVED

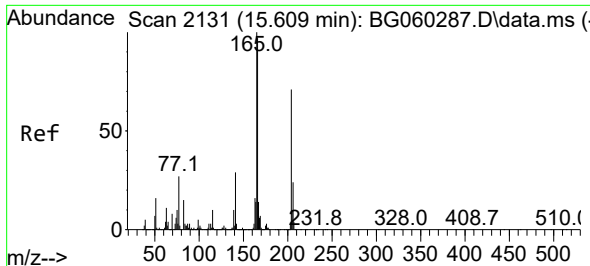
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#60
Diethylphthalate
Concen: 42.904 ng
RT: 15.388 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

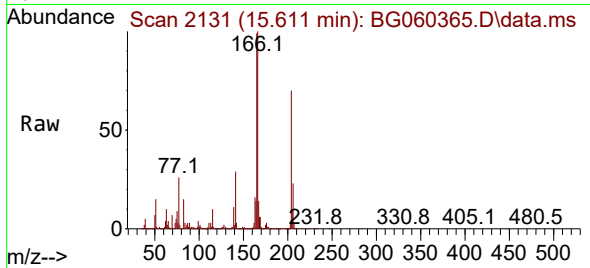
Tgt Ion:149 Resp: 2669353
Ion Ratio Lower Upper
149 100
177 25.8 20.9 31.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.007 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

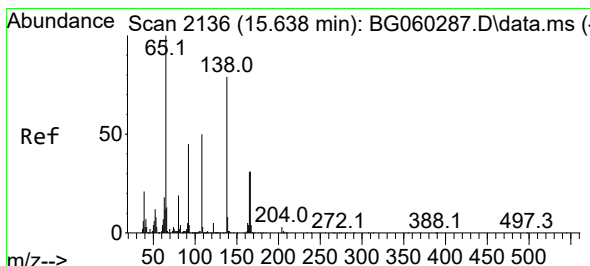
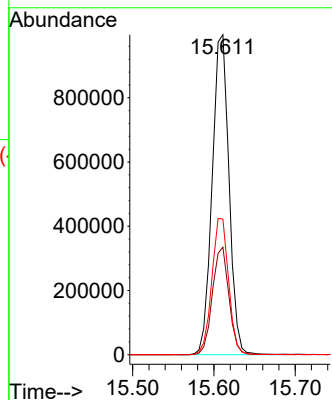
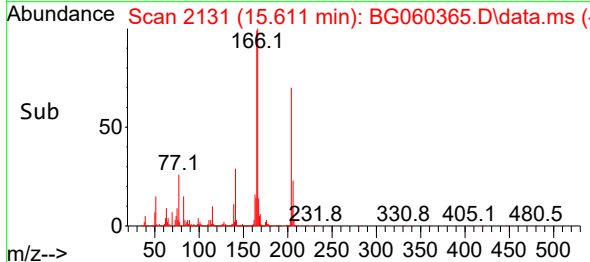
Instrument :
BNA_G
ClientSampleId :
PB158491BS



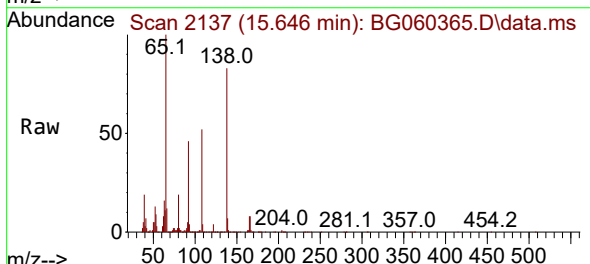
Tgt Ion:204 Resp: 1432672
Ion Ratio Lower Upper
204 100
206 33.6 27.1 40.7
141 42.3 32.2 48.2

Manual Integrations
APPROVED

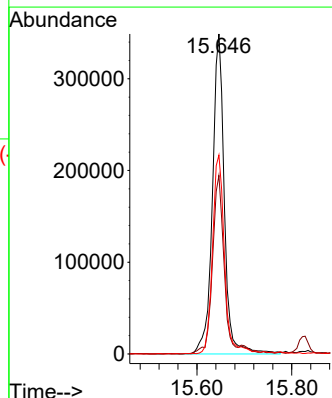
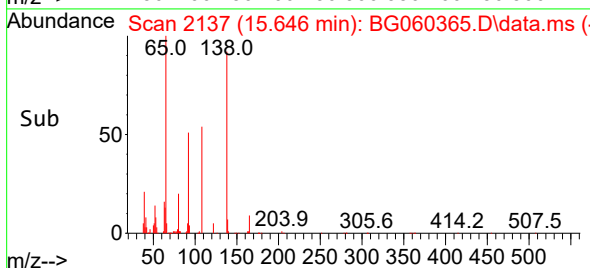
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

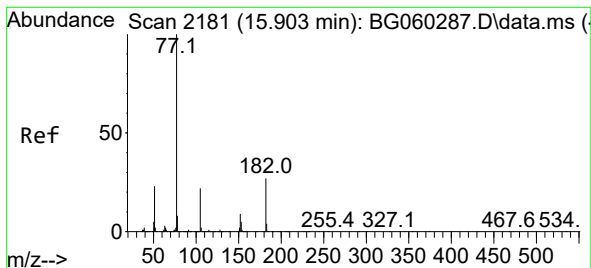


#62
4-Nitroaniline
Concen: 45.641 ng
RT: 15.646 min Scan# 2137
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



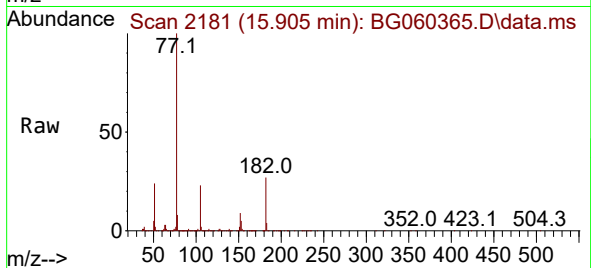
Tgt Ion:138 Resp: 612084
Ion Ratio Lower Upper
138 100
92 55.8 37.0 77.0
108 62.2 43.1 83.1





#63
Azobenzene
Concen: 41.232 ng
RT: 15.905 min Scan# 2181
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

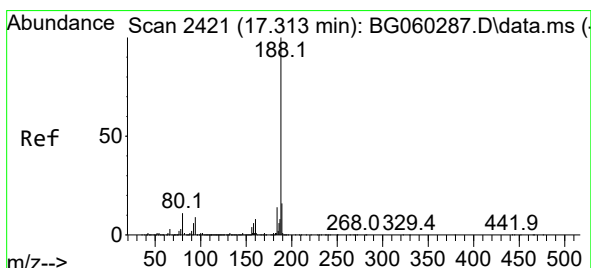
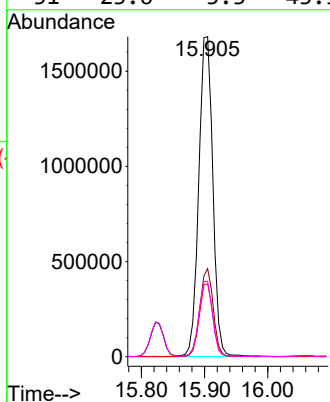
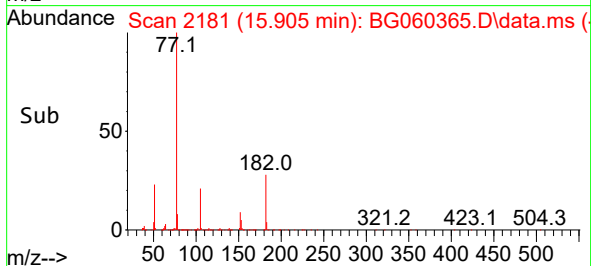
Instrument :
BNA_G
ClientSampleId :
PB158491BS



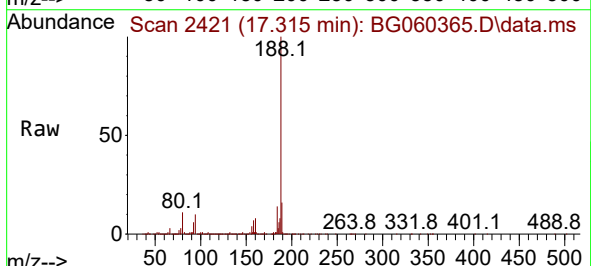
Tgt Ion: 77 Resp: 259468
Ion Ratio Lower Upper
77 100
182 27.5 6.5 46.5
105 22.8 1.8 41.8
51 23.6 3.3 43.3

Manual Integrations
APPROVED

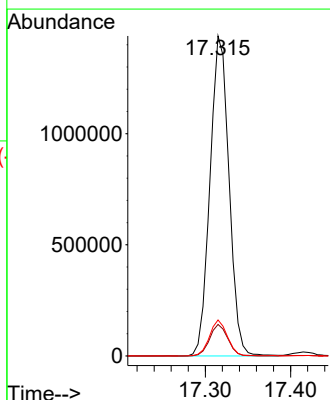
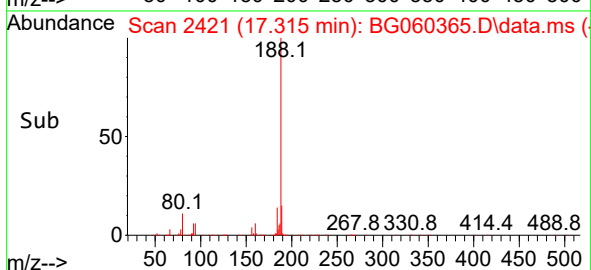
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

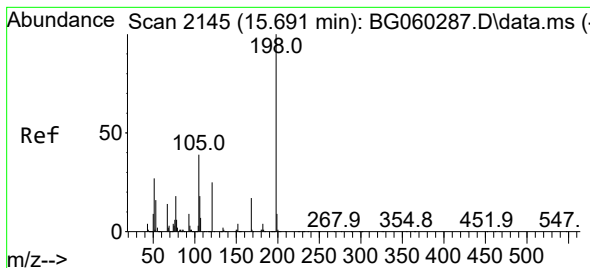


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:188 Resp: 2233995
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 11.3 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 46.579 ng
RT: 15.699 min Scan# 2145
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

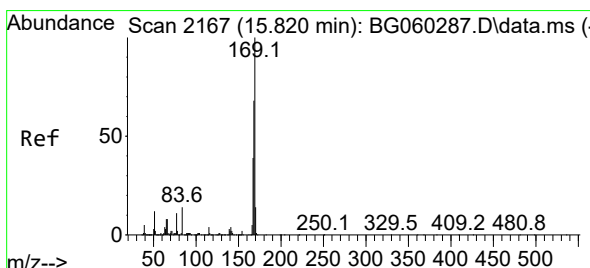
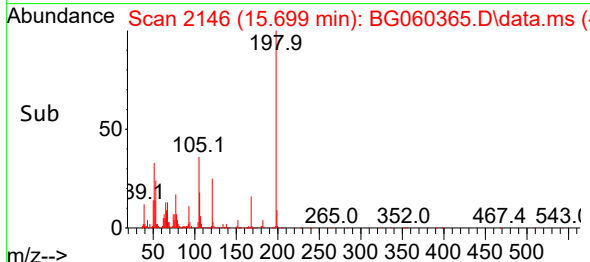
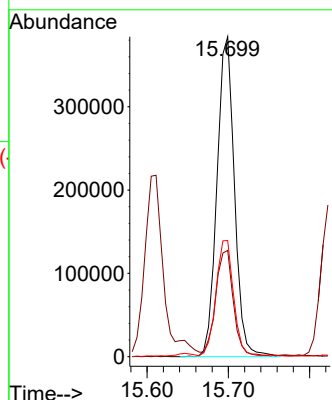
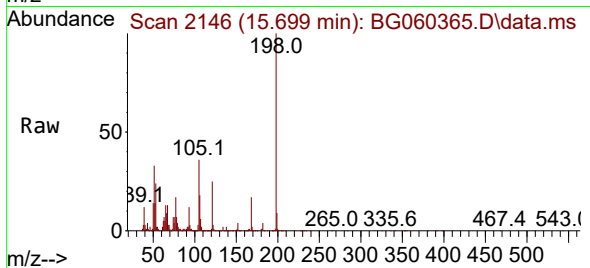
ClientSampleId :

PB158491BS

Tgt Ion:198 Resp: 575669
Ion Ratio Lower Upper
198 100
51 33.2 11.8 51.8
105 36.3 20.3 60.3

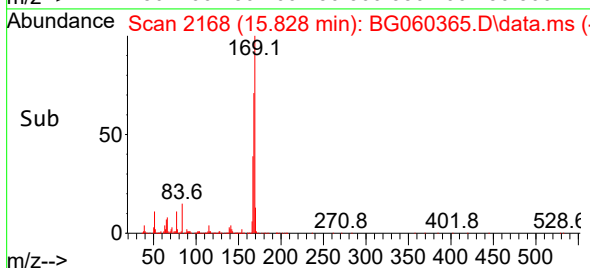
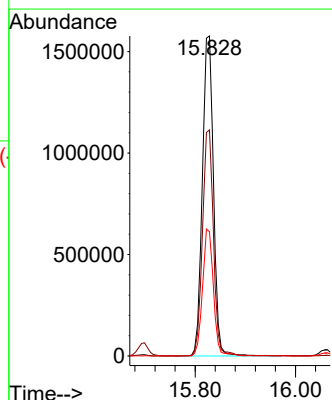
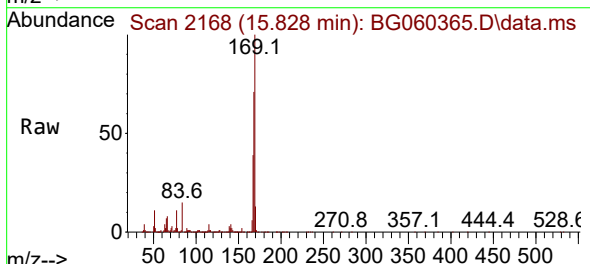
Manual Integrations
APPROVED

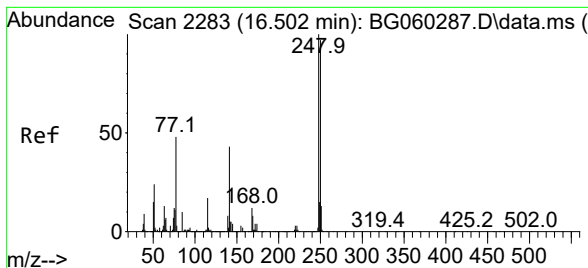
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#66
n-Nitrosodiphenylamine
Concen: 40.828 ng
RT: 15.828 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:169 Resp: 2421839
Ion Ratio Lower Upper
169 100
168 70.6 54.4 81.6
167 38.8 31.2 46.8





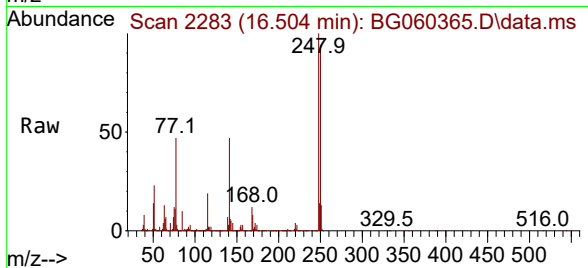
#67
4-Bromophenyl-phenylether
Concen: 39.263 ng
RT: 16.504 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

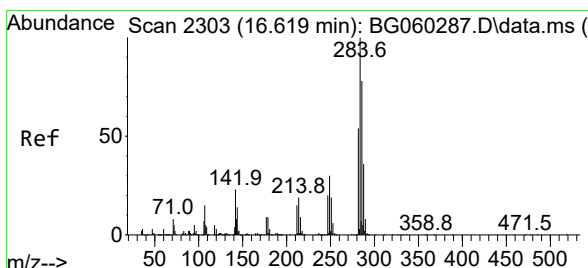
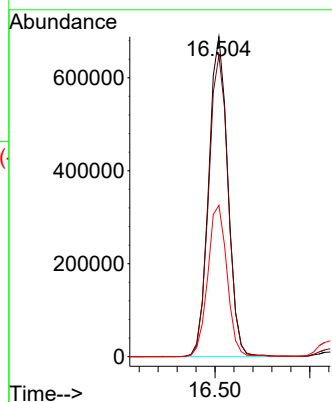
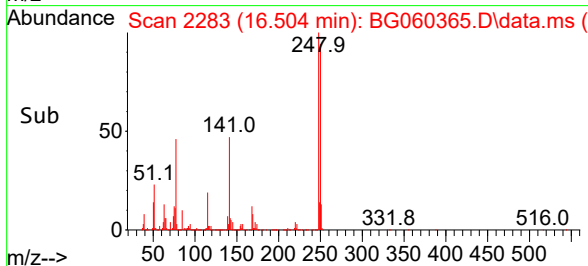


Tgt Ion:248 Resp: 963794
Ion Ratio Lower Upper
248 100
250 94.2 77.6 116.4
141 47.3 34.2 51.4

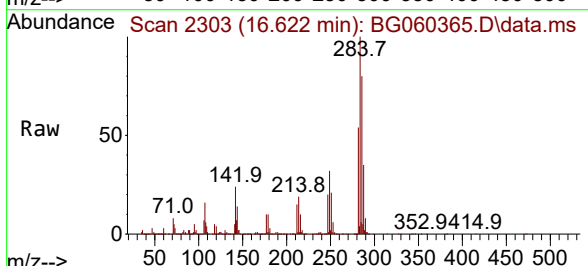
Manual Integrations

APPROVED

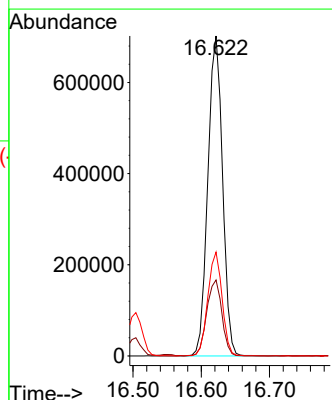
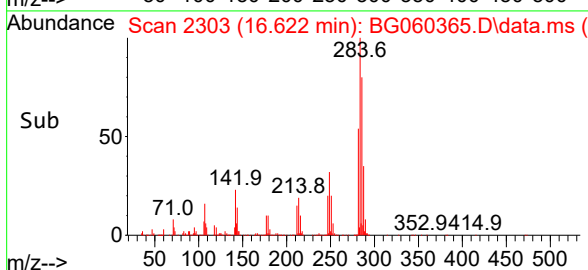
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

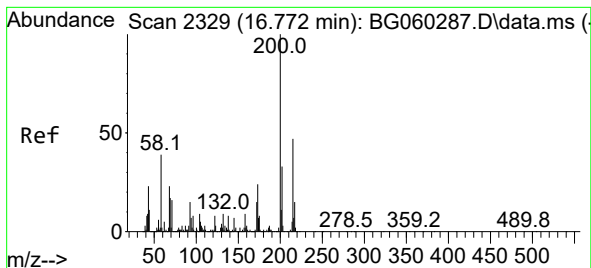


#68
Hexachlorobenzene
Concen: 36.201 ng
RT: 16.622 min Scan# 2303
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:284 Resp: 1051892
Ion Ratio Lower Upper
284 100
142 23.7 18.2 27.4
249 32.5 24.3 36.5





#69

Atrazine

Concen: 60.257 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:200 Resp: 134777

Ion Ratio Lower Upper

200 100

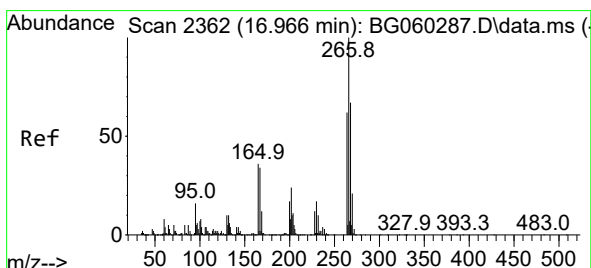
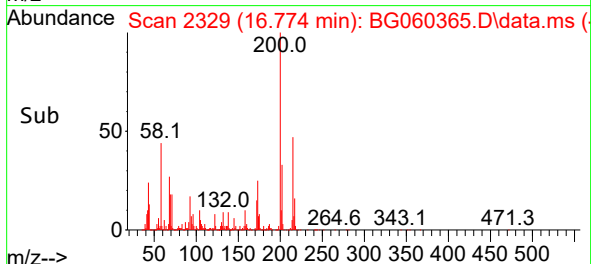
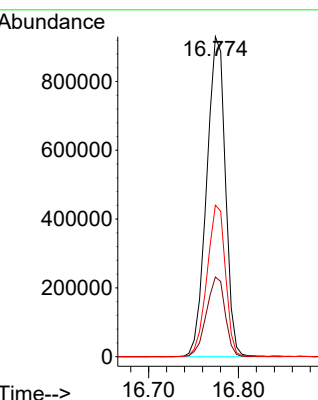
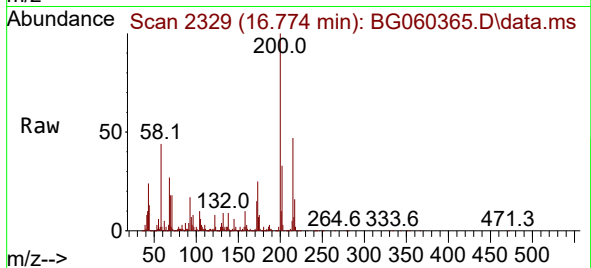
173 24.9 4.1 44.1

215 47.4 27.4 67.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 94.339 ng

RT: 16.968 min Scan# 2362

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

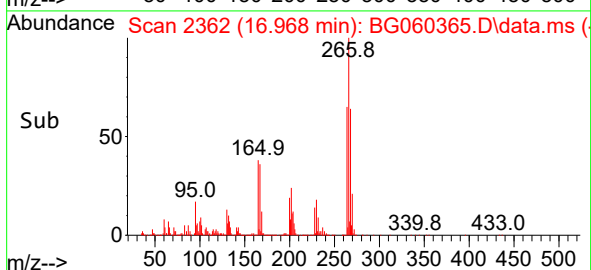
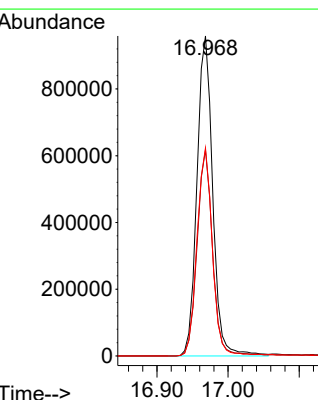
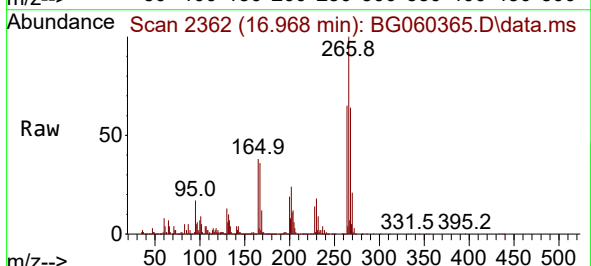
Tgt Ion:266 Resp: 1477551

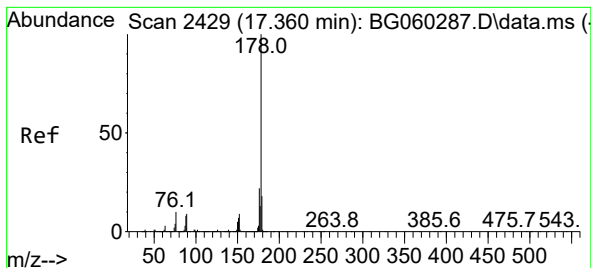
Ion Ratio Lower Upper

266 100

268 64.4 57.4 86.2

264 65.0 49.8 74.8





#71

Phenanthrene

Concen: 39.100 ng

RT: 17.362 min Scan# 2429

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:178 Resp: 422204

Ion Ratio Lower Upper

178 100

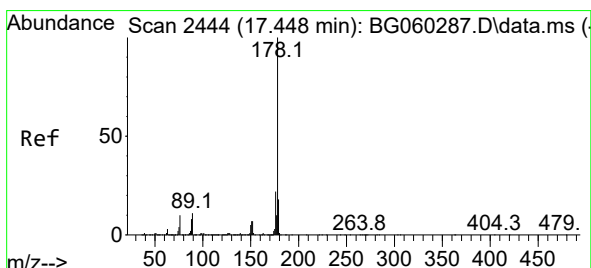
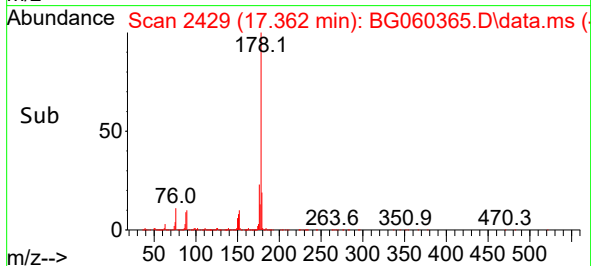
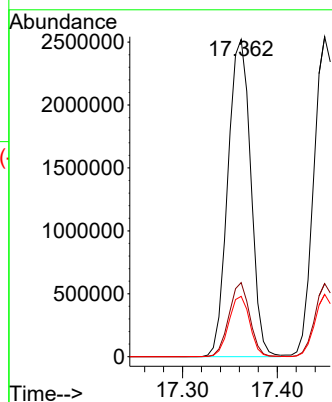
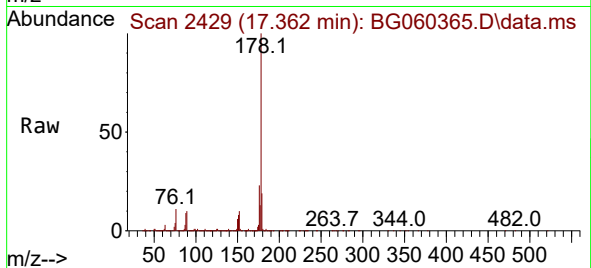
176 23.4 17.4 26.2

179 19.0 14.7 22.1

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 39.451 ng

RT: 17.450 min Scan# 2444

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

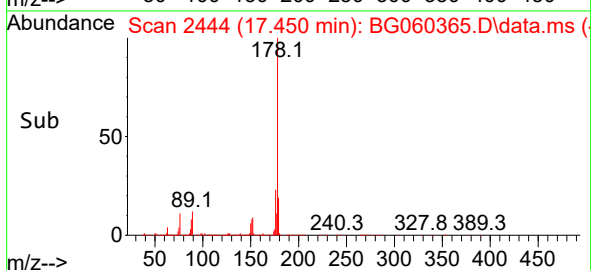
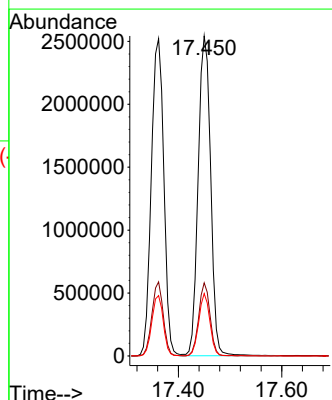
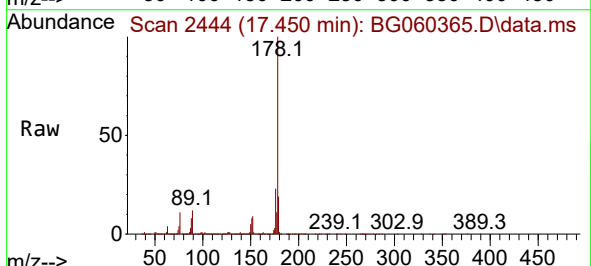
Tgt Ion:178 Resp: 4253109

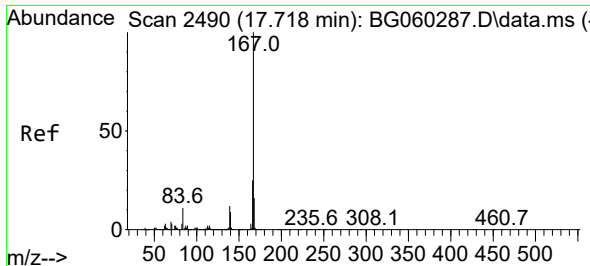
Ion Ratio Lower Upper

178 100

176 22.8 17.8 26.6

179 19.5 14.1 21.1





#73
 Carbazole
 Concen: 38.829 ng
 RT: 17.720 min Scan# 2490
 Delta R.T. 0.002 min
 Lab File: BG060365.D
 Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

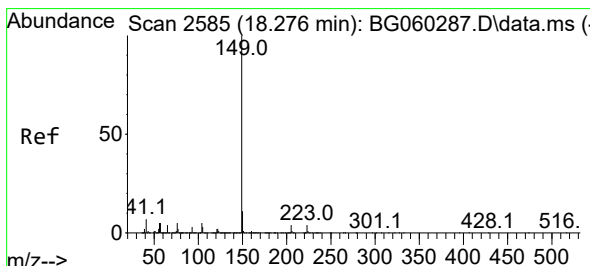
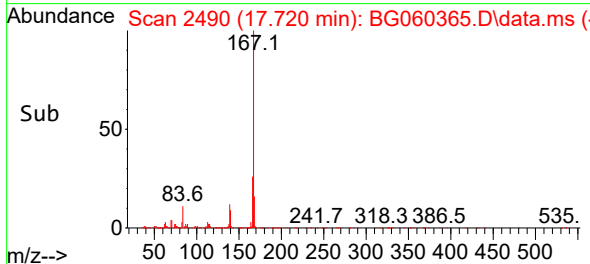
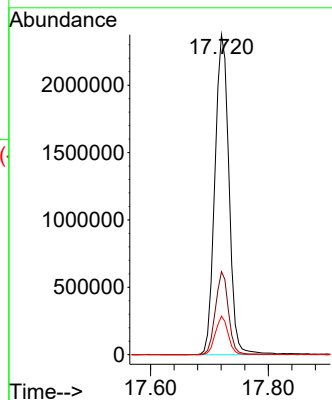
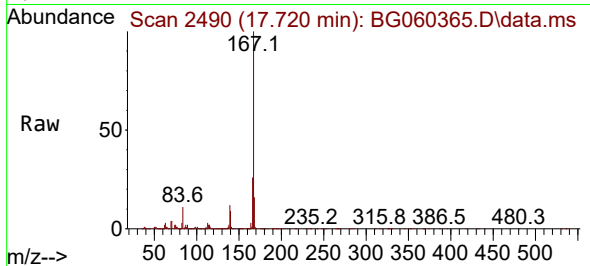
ClientSampleId :

PB158491BS

Tgt Ion:167 Resp: 3946394
 Ion Ratio Lower Upper
 167 100
 166 26.0 19.8 29.8
 139 12.0 9.3 13.9

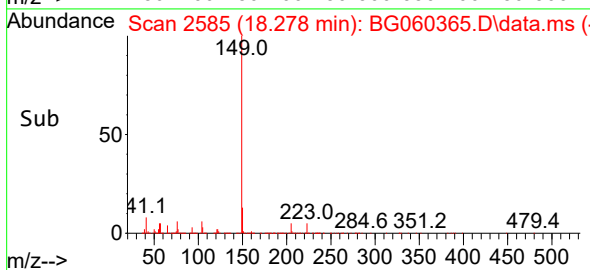
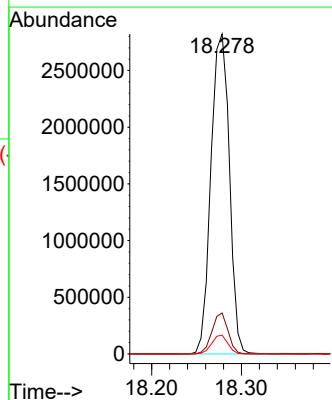
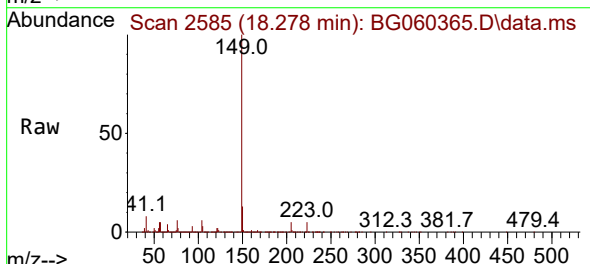
Manual Integrations
 APPROVED

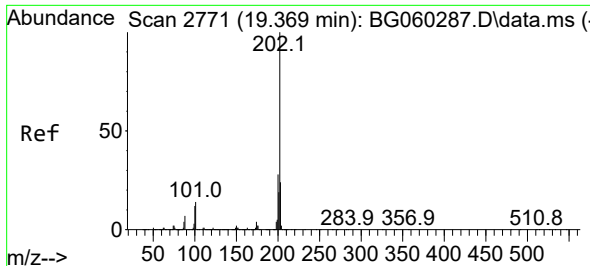
Reviewed By :Jagrut Upadhyay 01/22/2024
 Supervised By :mohammad ahmed 01/23/2024



#74
 Di-n-butylphthalate
 Concen: 38.494 ng
 RT: 18.278 min Scan# 2585
 Delta R.T. 0.002 min
 Lab File: BG060365.D
 Acq: 19 Jan 2024 11:23

Tgt Ion:149 Resp: 4025583
 Ion Ratio Lower Upper
 149 100
 150 12.8 9.1 13.7
 104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 35.769 ng
RT: 19.371 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

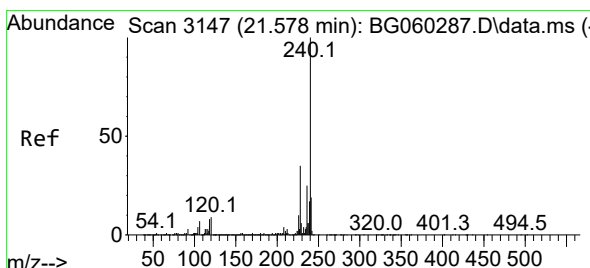
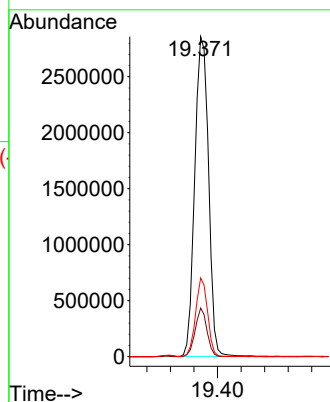
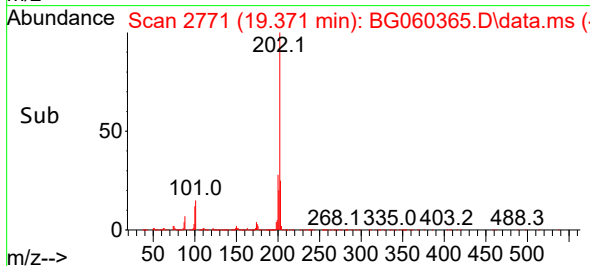
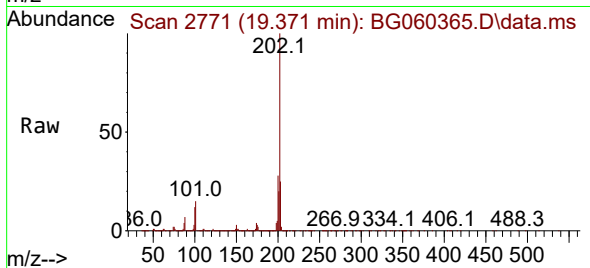
PB158491BS

Tgt Ion:202 Resp: 4639090
Ion Ratio Lower Upper
202 100
101 15.2 0.0 34.4
203 24.6 4.0 44.0

Manual Integrations

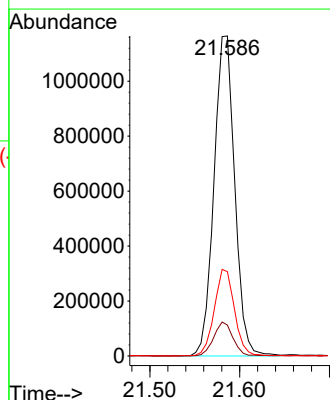
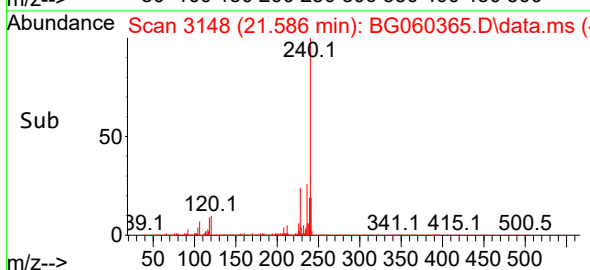
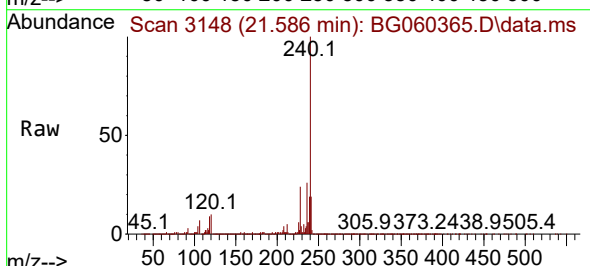
APPROVED

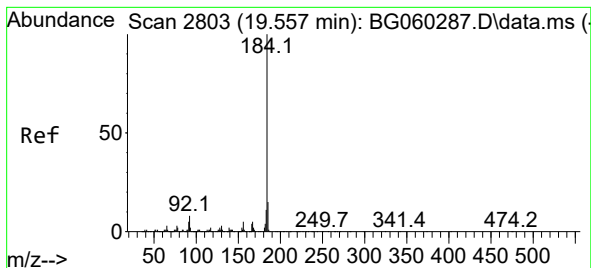
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:240 Resp: 1870622
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.4 20.3 30.5





#77

Benzidine

Concen: 20.796 ng

RT: 19.553 min Scan# 2803

Delta R.T. -0.004 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

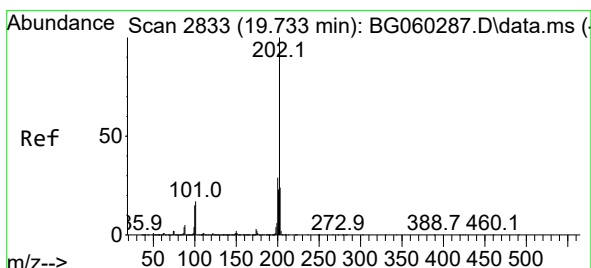
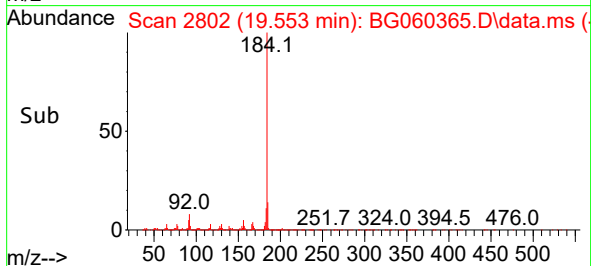
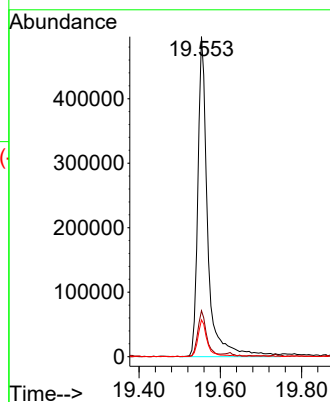
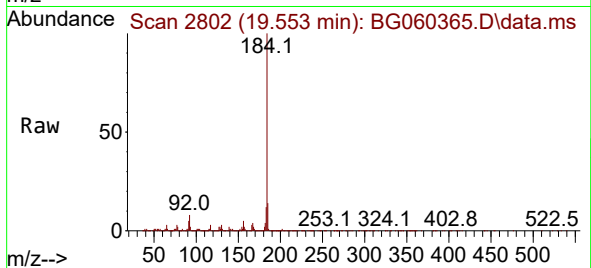
ClientSampleId :

PB158491BS

Tgt Ion:184 Resp: 845158
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.2 18.4
 183 11.5 9.0 13.4

Manual Integrations
 APPROVED

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



#78

Pyrene

Concen: 39.703 ng

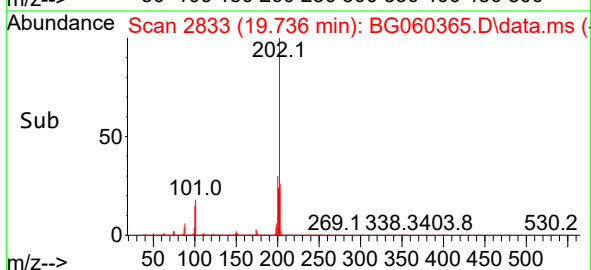
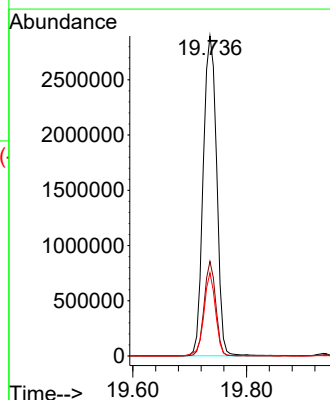
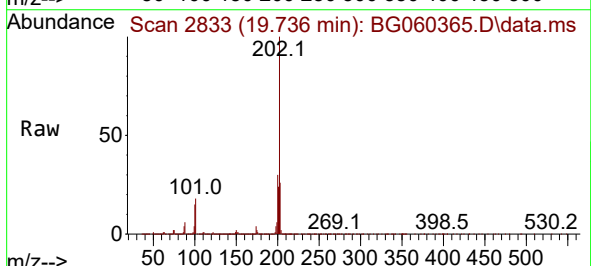
RT: 19.736 min Scan# 2833

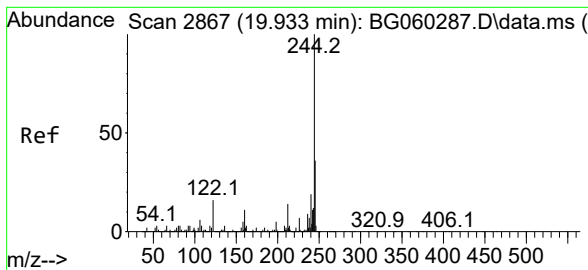
Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Tgt Ion:202 Resp: 4742844
 Ion Ratio Lower Upper
 202 100
 200 29.5 23.5 35.3
 203 26.0 19.6 29.4





#79

Terphenyl-d14

Concen: 76.063 ng

RT: 19.935 min Scan# 2867

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:244 Resp: 586844

Ion Ratio Lower Upper

244 100

212 14.2 10.9 16.3

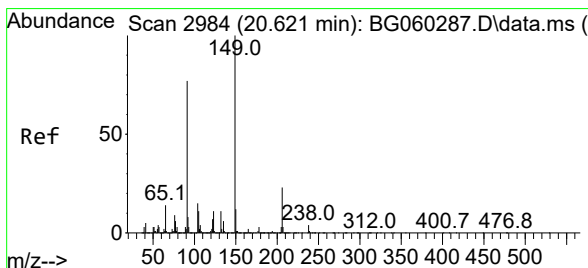
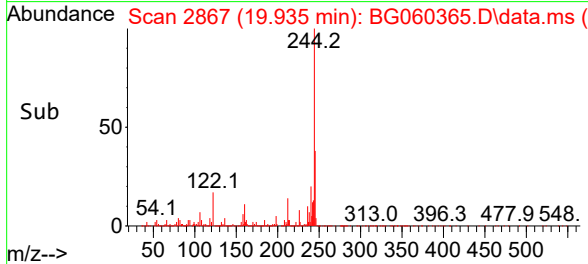
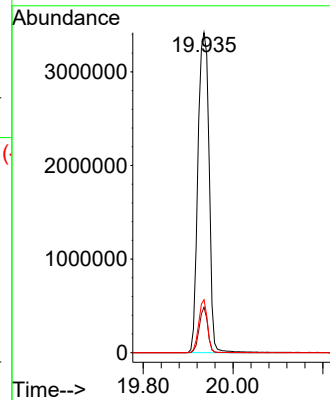
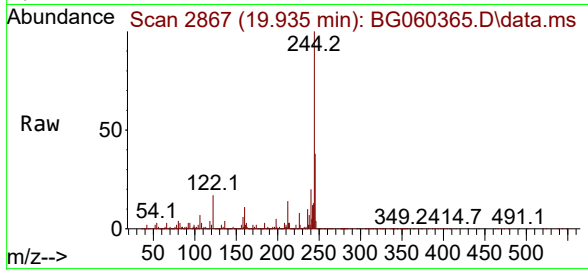
122 16.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024

Supervised By :mohammad ahmed 01/23/2024



#80

Butylbenzylphthalate

Concen: 47.745 ng

RT: 20.623 min Scan# 2984

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

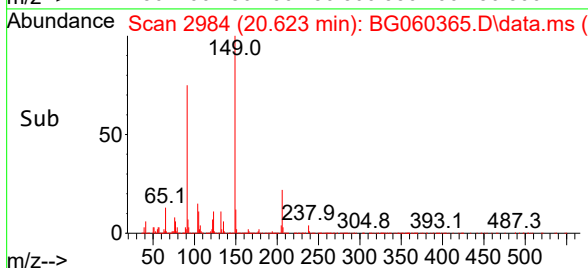
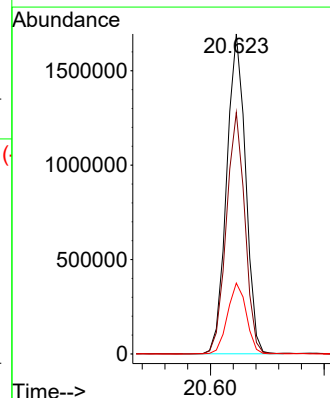
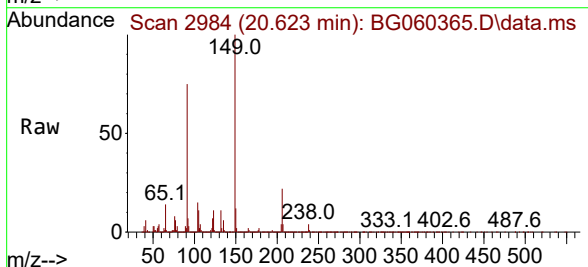
Tgt Ion:149 Resp: 1962241

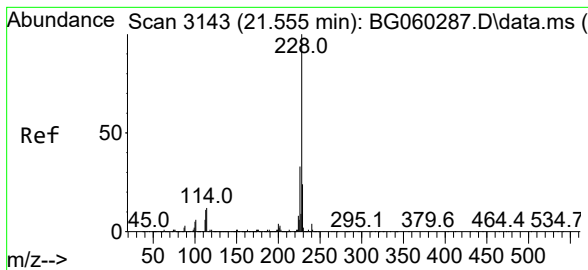
Ion Ratio Lower Upper

149 100

91 75.4 61.4 92.2

206 22.2 18.0 27.0





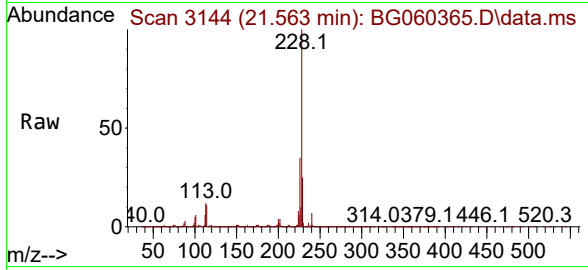
#81
Benzo(a)anthracene
Concen: 40.519 ng
RT: 21.563 min Scan# 3144
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

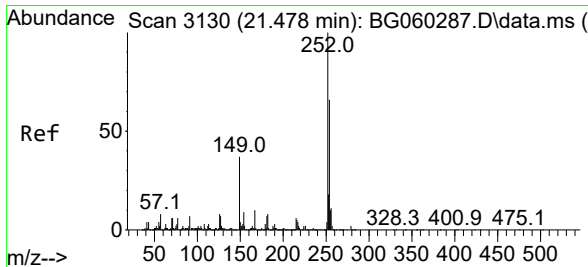
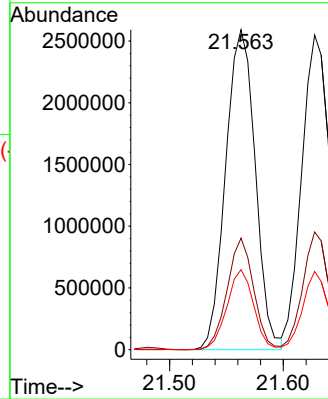
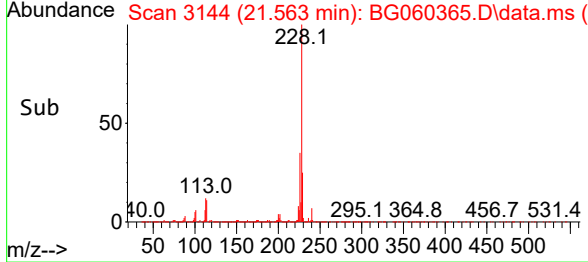


Tgt Ion:228 Resp: 4692310
Ion Ratio Lower Upper
228 100
226 34.9 26.2 39.2
229 25.0 19.4 29.2

Manual Integrations

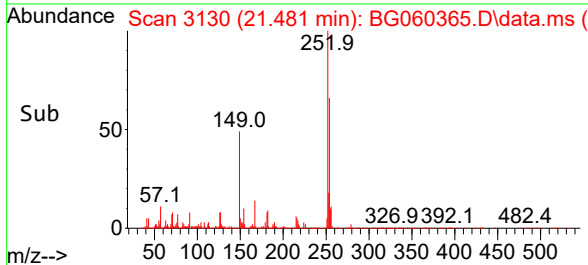
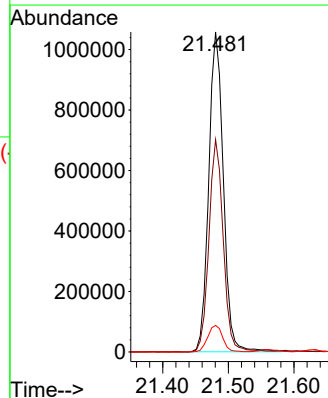
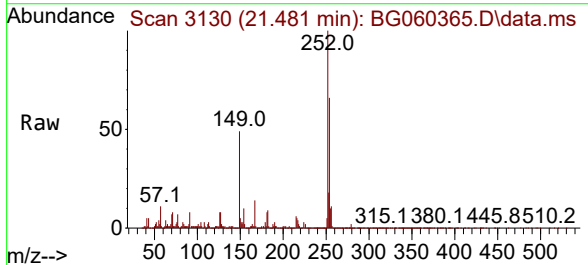
APPROVED

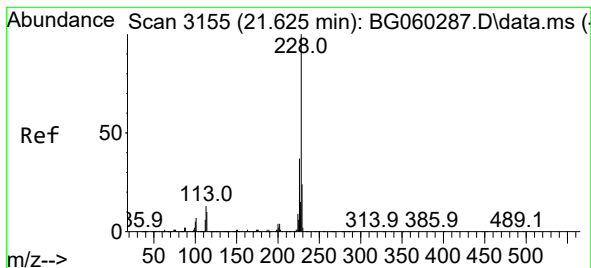
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.013 ng
RT: 21.481 min Scan# 3130
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

Tgt Ion:252 Resp: 1641528
Ion Ratio Lower Upper
252 100
254 66.4 52.6 79.0
126 8.3 6.3 9.5





#83

Chrysene

Concen: 38.931 ng

RT: 21.627 min Scan# 3155

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:228 Resp: 4434100

Ion Ratio Lower Upper

228 100

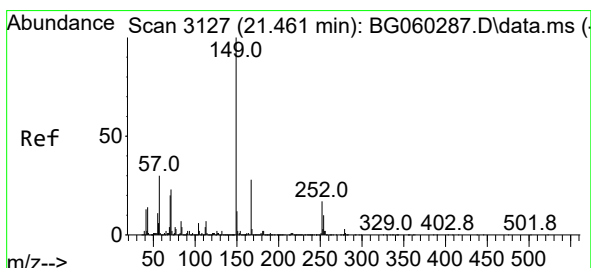
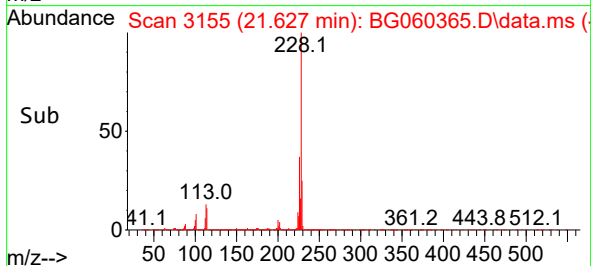
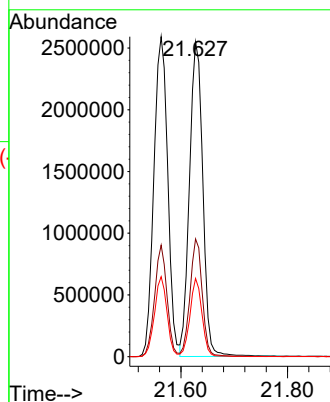
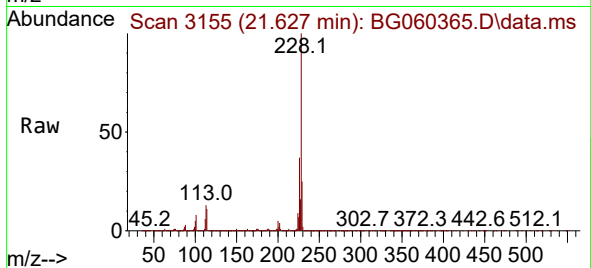
226 37.4 29.4 44.2

229 24.9 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: 44.975 ng

RT: 21.463 min Scan# 3127

Delta R.T. 0.002 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

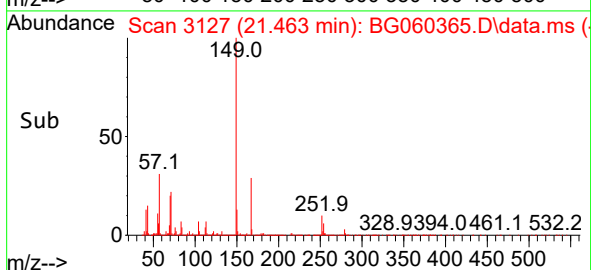
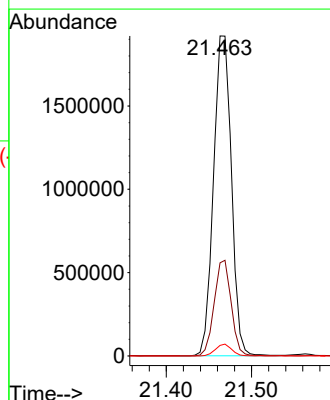
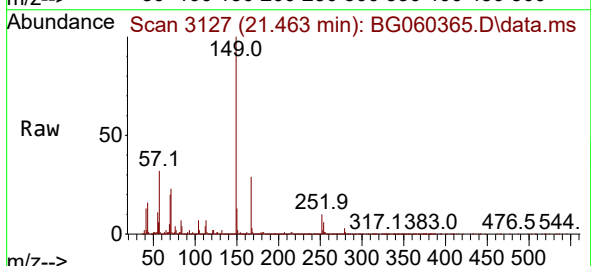
Tgt Ion:149 Resp: 2793132

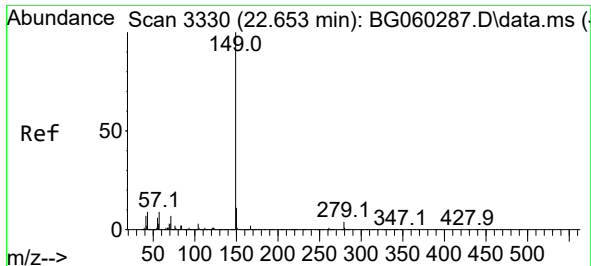
Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

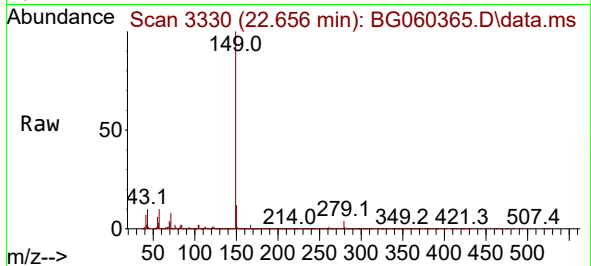
279 3.3 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 46.071 ng
RT: 22.656 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23

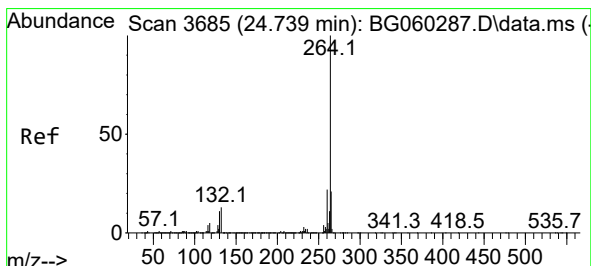
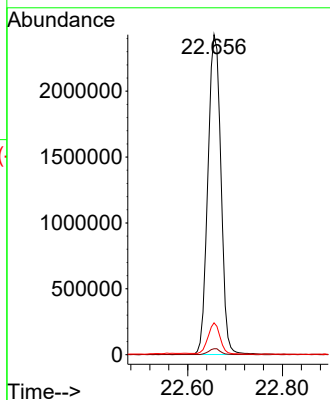
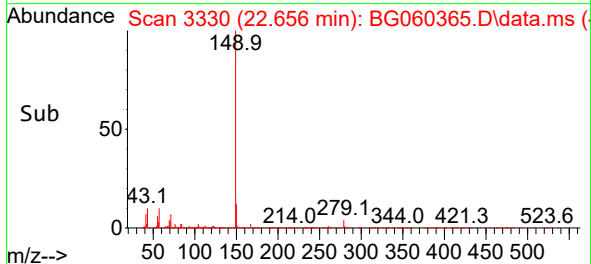
Instrument :
BNA_G
ClientSampleId :
PB158491BS



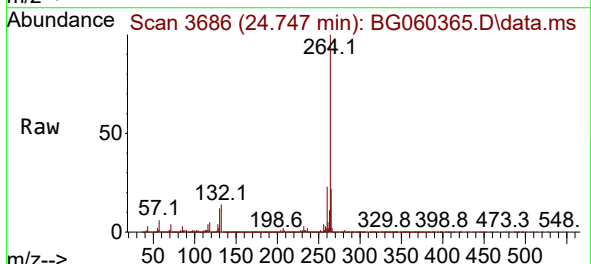
Tgt Ion:149 Resp: 4636540
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 6.8 10.2

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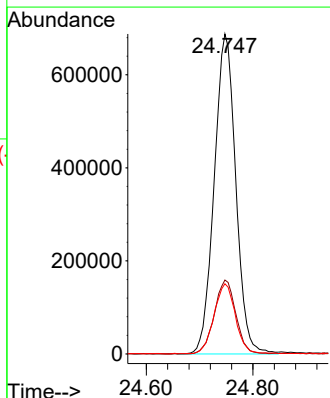
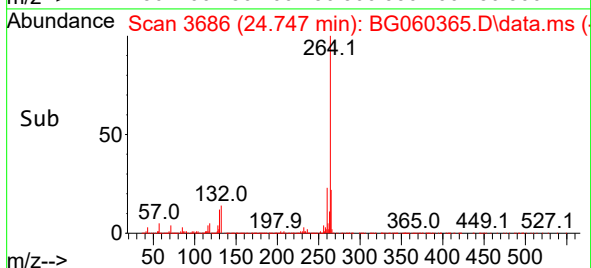
Reviewed By :Jagrut Upadhyay 01/22/2024
Supervised By :mohammad ahmed 01/23/2024

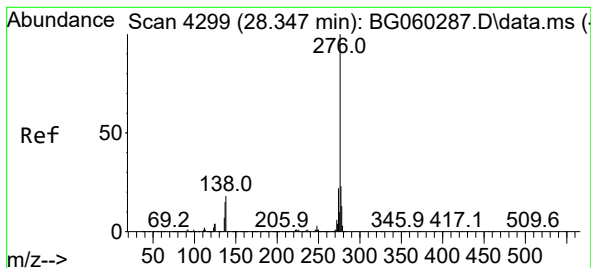


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.747 min Scan# 3686
Delta R.T. 0.008 min
Lab File: BG060365.D
Acq: 19 Jan 2024 11:23



Tgt Ion:264 Resp: 1927522
Ion Ratio Lower Upper
264 100
260 23.1 17.8 26.6
265 21.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.371 ng

RT: 28.372 min Scan# 41

Delta R.T. 0.026 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:276 Resp: 594674

Ion Ratio Lower Upper

276 100

138 22.7 12.5 18.7

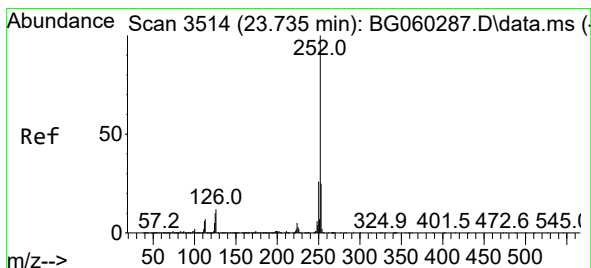
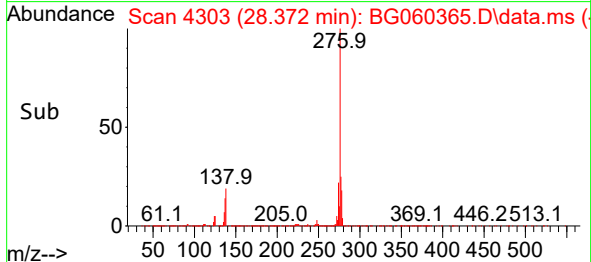
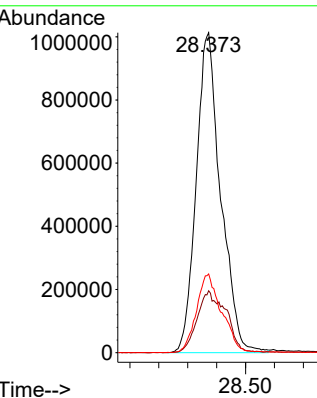
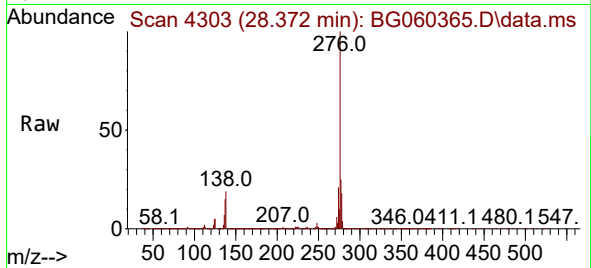
277 25.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/22/2024

Supervised By :mohammad ahmed 01/23/2024



#88

Benzo(b)fluoranthene

Concen: 44.620 ng

RT: 23.743 min Scan# 3515

Delta R.T. 0.008 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

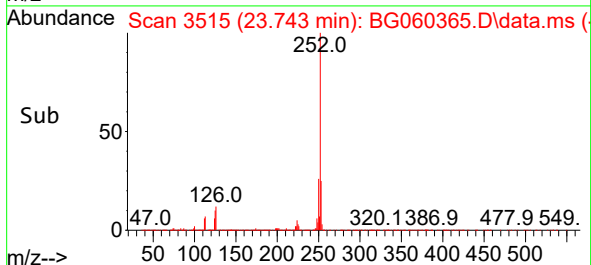
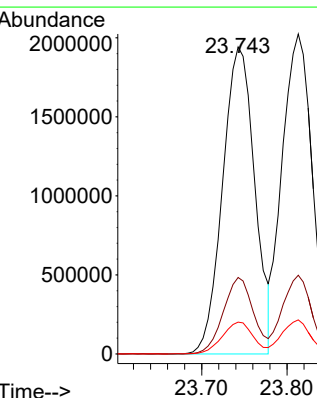
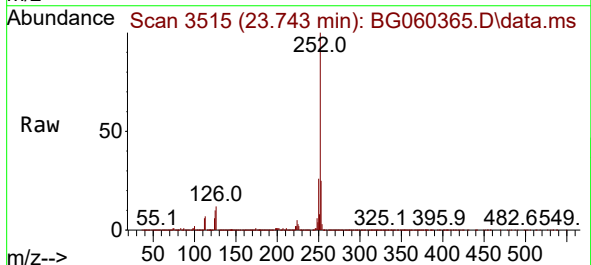
Tgt Ion:252 Resp: 5080847

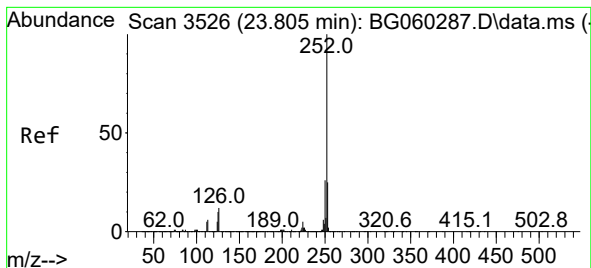
Ion Ratio Lower Upper

252 100

253 24.9 20.0 30.0

125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.309 ng

RT: 23.813 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:252 Resp: 497892

Ion Ratio Lower Upper

252 100

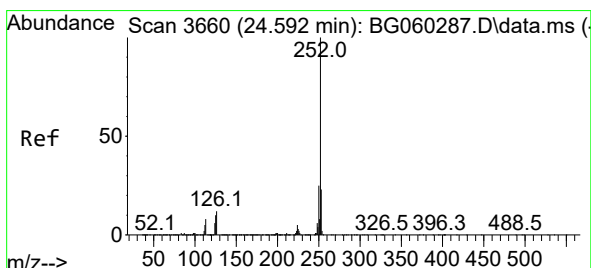
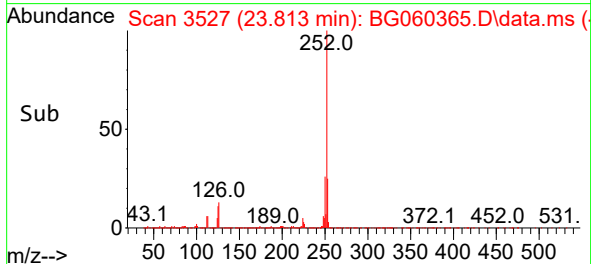
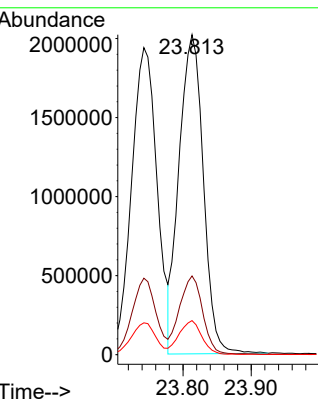
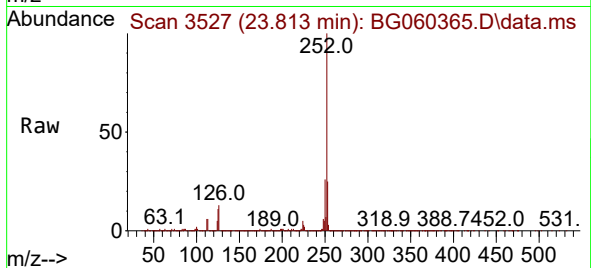
253 24.6 19.6 29.4

125 10.7 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: 43.928 ng

RT: 24.600 min Scan# 3661

Delta R.T. 0.008 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

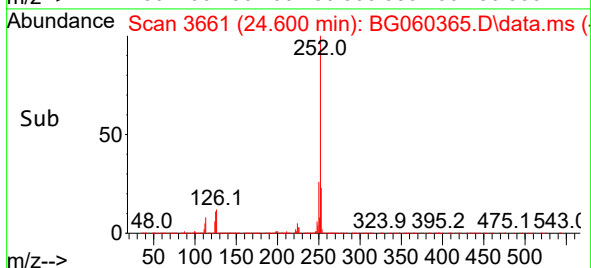
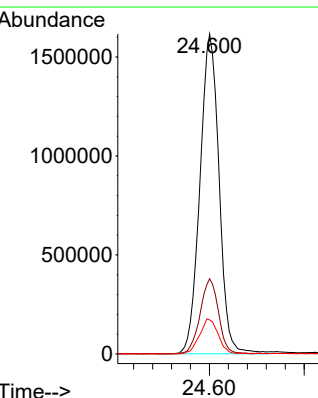
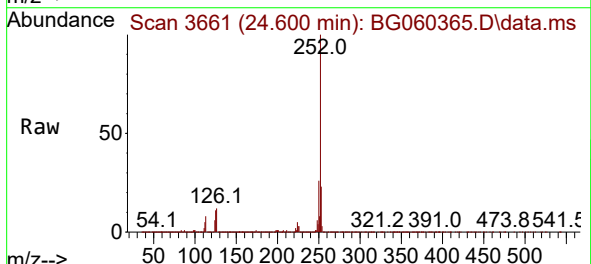
Tgt Ion:252 Resp: 4518682

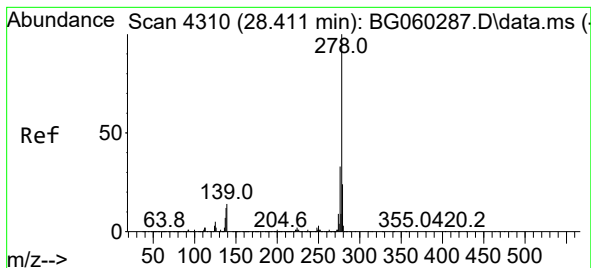
Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

125 10.7 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.491 ng

RT: 28.431 min Scan# 41

Delta R.T. 0.020 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Instrument :

BNA_G

ClientSampleId :

PB158491BS

Tgt Ion:278 Resp: 497912

Ion Ratio Lower Upper

278 100

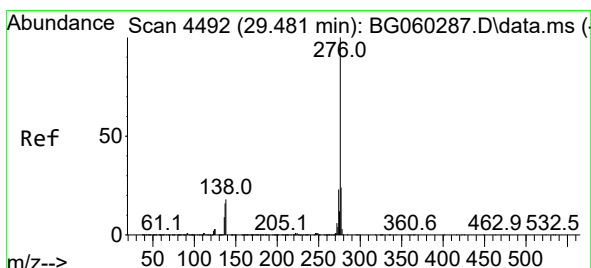
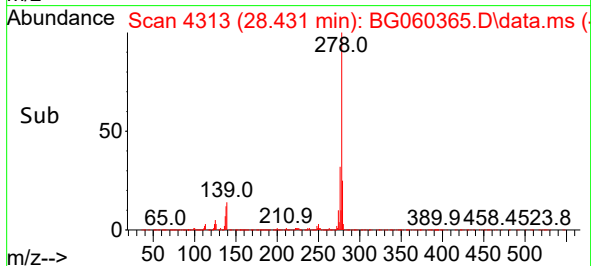
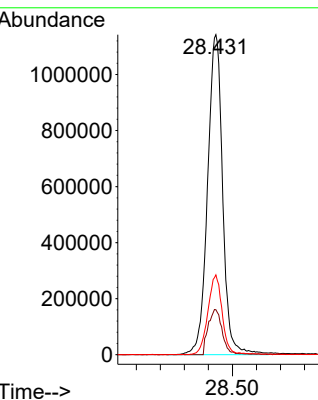
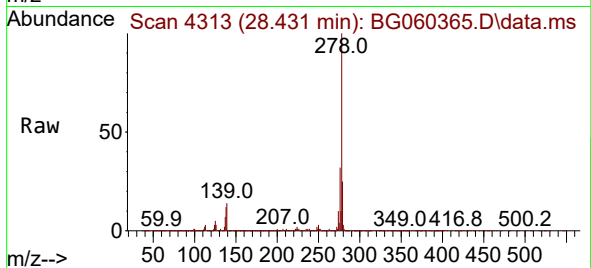
139 14.1 10.9 16.3

279 24.9 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: 43.985 ng

RT: 29.501 min Scan# 4495

Delta R.T. 0.020 min

Lab File: BG060365.D

Acq: 19 Jan 2024 11:23

Tgt Ion:276 Resp: 4934153

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 18.6 14.2 21.4

