

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058892.D
 Acq On : 29 Aug 2023 18:07
 Operator : MA/JU
 Sample : 04165-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 08/30/2023

Supervised By :mohammad
 ahmed
 08/30/2023

Quant Time: Aug 29 19:20:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	19703	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	86277	20.000	ng	# 0.00
39) Acenaphthene-d10	14.441	164	60784	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	133318	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	106194	20.000	ng	0.00
86) Perylene-d12	24.482	264	132943	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	132994	108.624	ng	0.00
7) Phenol-d6	6.967	99	185674	108.089	ng	0.00
23) Nitrobenzene-d5	8.953	82	115487	64.355	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	102292	107.328	ng	0.00
45) 2-Fluorobiphenyl	13.060	172	260878	62.424	ng	0.00
79) Terphenyl-d14	19.805	244	387725	65.559	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.236	88	17574	30.530	ng	95
3) Pyridine	3.636	79	46163	30.348	ng	93
4) n-Nitrosodimethylamine	3.554	42	34966	42.282	ng	89
6) Aniline	7.114	93	57970	27.607	ng	99
8) 2-Chlorophenol	7.355	128	66246	53.512	ng	97
9) Benzaldehyde	6.926	77	25348m	26.307	ng	
10) Phenol	6.991	94	85161	51.413	ng	97
11) bis(2-Chloroethyl)ether	7.208	93	56935	44.051	ng	98
12) 1,3-Dichlorobenzene	7.672	146	63951	48.634	ng	96
13) 1,4-Dichlorobenzene	7.819	146	66233	49.810	ng	95
14) 1,2-Dichlorobenzene	8.137	146	64315	50.043	ng	98
15) Benzyl Alcohol	8.031	79	65192	53.080	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.313	45	134217m	48.727	ng	
17) 2-Methylphenol	8.242	107	58280	47.904	ng	97
18) Hexachloroethane	8.859	117	24789	51.166	ng	95
19) n-Nitroso-di-n-propyla...	8.595	70	49651	44.715	ng	95
20) 3+4-Methylphenols	8.571	107	79228	48.439	ng	98
22) Acetophenone	8.612	105	102021	43.683	ng	95
24) Nitrobenzene	8.994	77	77841	43.613	ng	97
25) Isophorone	9.517	82	148507	41.614	ng	100
26) 2-Nitrophenol	9.705	139	36491	48.885	ng	# 93
27) 2,4-Dimethylphenol	9.770	122	61913	48.939	ng	94
28) bis(2-Chloroethoxy)met...	9.999	93	82122	43.443	ng	99
29) 2,4-Dichlorophenol	10.246	162	69361	53.355	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	76139	48.502	ng	100
31) Naphthalene	10.640	128	205700	45.408	ng	99
32) Benzoic acid	9.958	122	45144	57.005	ng	94
33) 4-Chloroaniline	10.757	127	43397	22.715	ng	97
34) Hexachlorobutadiene	10.916	225	52538	49.588	ng	98
35) Caprolactam	11.556	113	20979m	45.035	ng	
36) 4-Chloro-3-methylphenol	11.897	107	79177	48.976	ng	99
37) 2-Methylnaphthalene	12.255	142	144959	44.553	ng	98
38) 1-Methylnaphthalene	12.479	142	141065	45.674	ng	99
40) 1,2,4,5-Tetrachloroben...	12.625	216	90894	48.505	ng	99
41) Hexachlorocyclopentadiene	12.596	237	39511	56.503	ng	98
43) 2,4,6-Trichlorophenol	12.872	196	63457	53.220	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058892.D
 Acq On : 29 Aug 2023 18:07
 Operator : MA/JU
 Sample : 04165-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MSD

Manual Integrations
 APPROVED

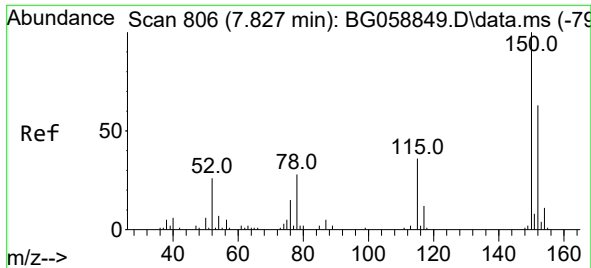
Reviewed By :Yogesh
 Patel
 08/30/2023

Supervised By :mohammad
 ahmed
 08/30/2023

Quant Time: Aug 29 19:20:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	66983	46.912	ng	99
46) 1,1'-Biphenyl	13.272	154	193283	46.159	ng	98
47) 2-Chloronaphthalene	13.313	162	156498	47.959	ng	99
48) 2-Nitroaniline	13.524	65	56210	45.355	ng	99
49) Acenaphthylene	14.165	152	253641	46.871	ng	98
50) Dimethylphthalate	13.900	163	200451	42.592	ng	100
51) 2,6-Dinitrotoluene	14.024	165	45428	45.945	ng	96
52) Acenaphthene	14.506	154	143828	45.482	ng	100
53) 3-Nitroaniline	14.359	138	32882	34.481	ng	92
54) 2,4-Dinitrophenol	14.576	184	32620	60.833	ng	92
55) Dibenzofuran	14.840	168	245588	45.021	ng	100
56) 4-Nitrophenol	14.682	139	62156	89.533	ng	91
57) 2,4-Dinitrotoluene	14.817	165	62045	44.990	ng	# 98
58) Fluorene	15.487	166	191950	44.216	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.070	232	62018	53.227	ng	95
60) Diethylphthalate	15.264	149	207922	42.849	ng	100
61) 4-Chlorophenyl-phenyle...	15.481	204	108728	45.186	ng	93
62) 4-Nitroaniline	15.522	138	38095	39.364	ng	88
63) Azobenzene	15.775	77	184965	41.513	ng	96
65) 4,6-Dinitro-2-methylph...	15.587	198	28341	37.609	ng	96
66) n-Nitrosodiphenylamine	15.698	169	167352	48.704	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	71884	49.136	ng	99
68) Hexachlorobenzene	16.491	284	82227	52.223	ng	96
69) Atrazine	16.650	200	68242	56.118	ng	97
70) Pentachlorophenol	16.844	266	81808	99.085	ng	95
71) Phenanthrene	17.232	178	313862	49.039	ng	99
72) Anthracene	17.320	178	302486	47.123	ng	99
73) Carbazole	17.596	167	274740	46.739	ng	99
74) Di-n-butylphthalate	18.142	149	338063	45.590	ng	100
75) Fluoranthene	19.247	202	383986	48.380	ng	98
77) Benzidine	19.435	184	133097	69.933	ng	97
78) Pyrene	19.611	202	378500	51.154	ng	98
80) Butylbenzylphthalate	20.493	149	147666	49.207	ng	98
81) Benzo(a)anthracene	21.409	228	357424	48.352	ng	98
82) 3,3'-Dichlorobenzidine	21.333	252	101701	39.850	ng	99
83) Chrysene	21.474	228	331357	46.506	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	208661	47.409	ng	99
85) Di-n-octyl phthalate	22.455	149	363015	47.953	ng	100
87) Indeno(1,2,3-cd)pyrene	27.978	276	413730	45.998	ng	# 93
88) Benzo(b)fluoranthene	23.519	252	373209	50.595	ng	98
89) Benzo(k)fluoranthene	23.577	252	347914	45.735	ng	98
90) Benzo(a)pyrene	24.341	252	330048	45.442	ng	99
91) Dibenzo(a,h)anthracene	28.013	278	341730	46.237	ng	98
92) Benzo(g,h,i)perylene	29.065	276	314032	42.497	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:152 Resp: 1970
Ion Ratio Lower Upper
152 100
150 158.3 128.6 192.8
115 66.2 50.4 75.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

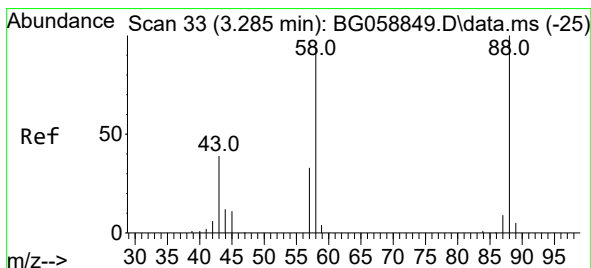
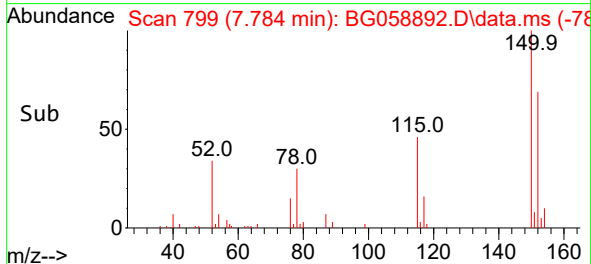
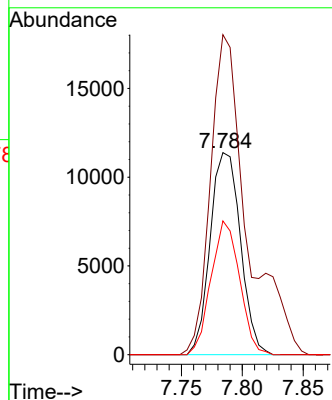
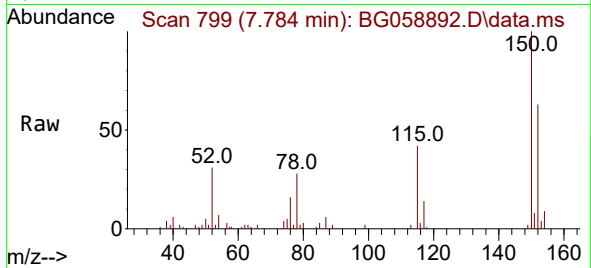
Patel

08/30/2023

Supervised By :mohammad

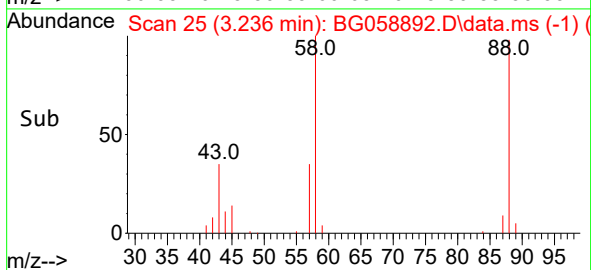
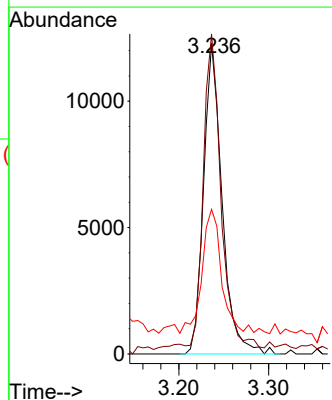
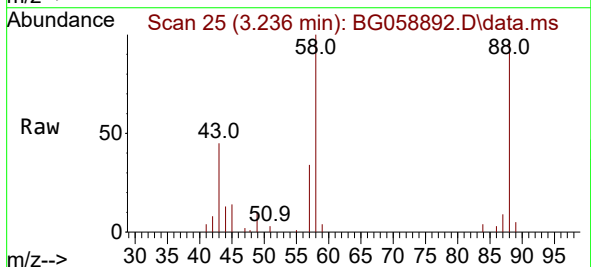
ahmed

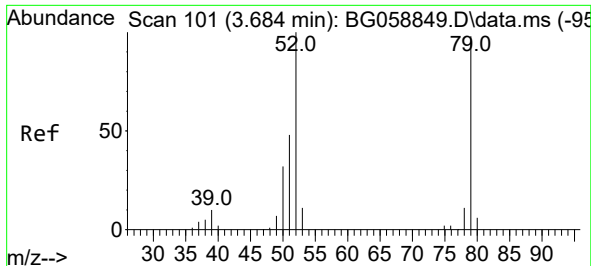
08/30/2023



#2
1,4-Dioxane
Concen: 30.530 ng
RT: 3.236 min Scan# 25
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 88 Resp: 17574
Ion Ratio Lower Upper
88 100
58 98.7 82.8 124.2
43 41.2 30.1 45.1





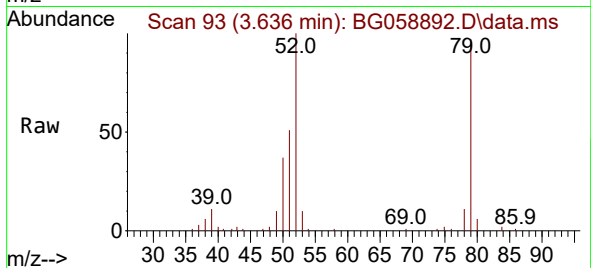
#3
Pyridine
Concen: 30.348 ng
RT: 3.636 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion: 79 Resp: 4616
Ion Ratio Lower Upper
79 100
52 102.7 77.6 116.4
51 52.6 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh

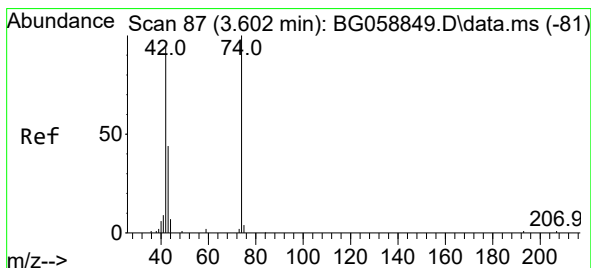
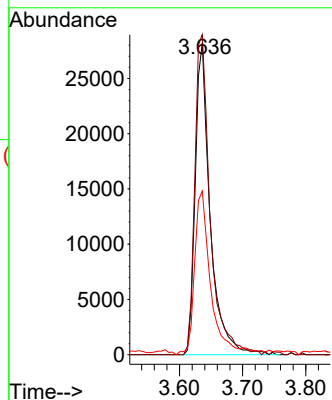
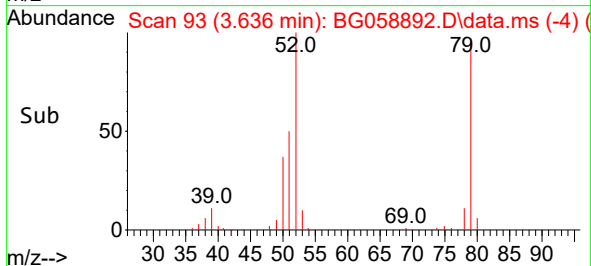
Patel

08/30/2023

Supervised By :mohammad

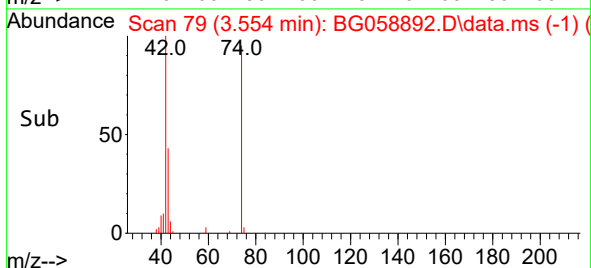
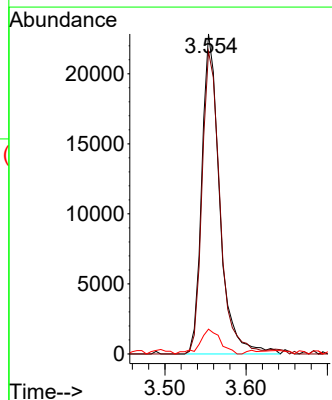
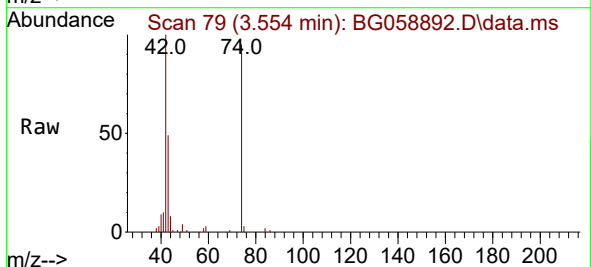
ahmed

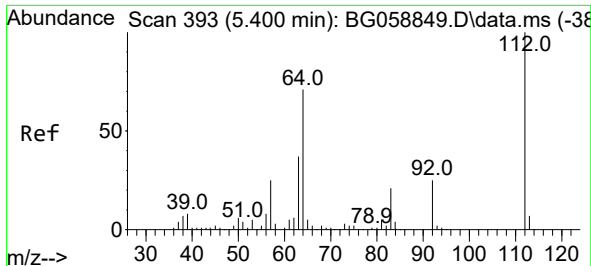
08/30/2023



#4
n-Nitrosodimethylamine
Concen: 42.282 ng
RT: 3.554 min Scan# 79
Delta R.T. -0.011 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 42 Resp: 34966
Ion Ratio Lower Upper
42 100
74 94.6 85.1 127.7
44 7.8 6.9 10.3





#5
2-Fluorophenol
Concen: 108.624 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:112 Resp: 132994
Ion Ratio Lower Upper
112 100
64 72.1 60.6 90.8
63 40.3 31.0 46.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

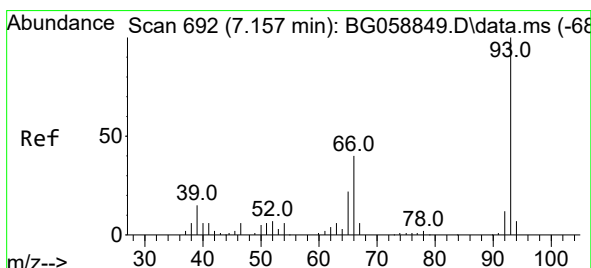
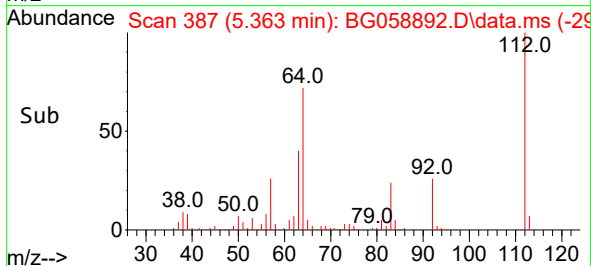
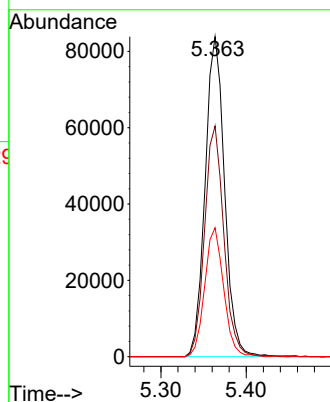
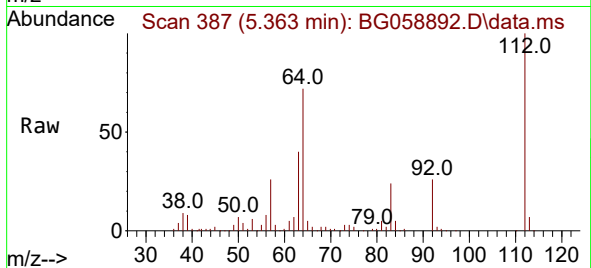
Patel

08/30/2023

Supervised By :mohammad

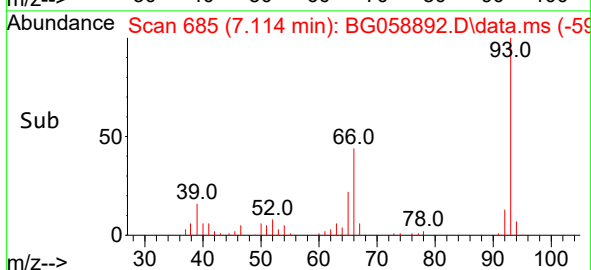
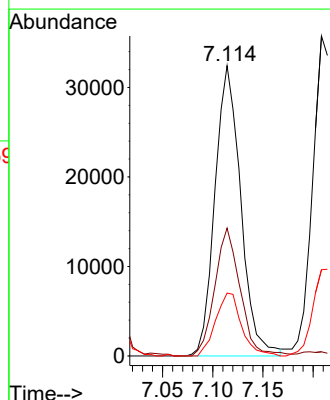
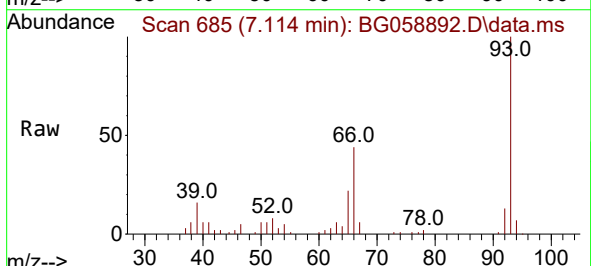
ahmed

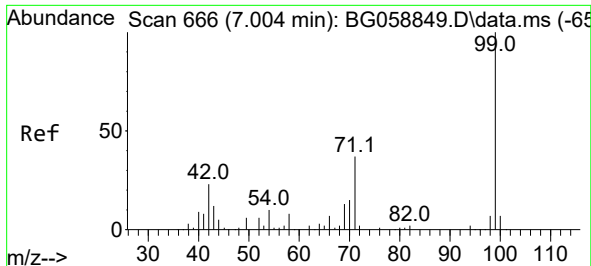
08/30/2023



#6
Aniline
Concen: 27.607 ng
RT: 7.114 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

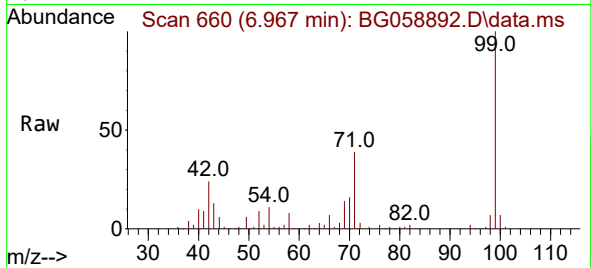
Tgt Ion: 93 Resp: 57970
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 21.7 18.2 27.2





#7
Phenol-d6
Concen: 108.089 ng
RT: 6.967 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

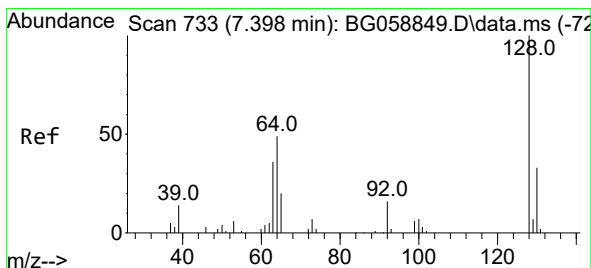
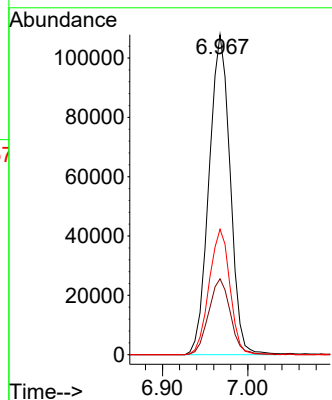


Tgt Ion: 99 Resp: 185674
Ion Ratio Lower Upper
99 100
42 23.7 16.5 24.7
71 39.2 28.4 42.6

Manual Integrations
APPROVED

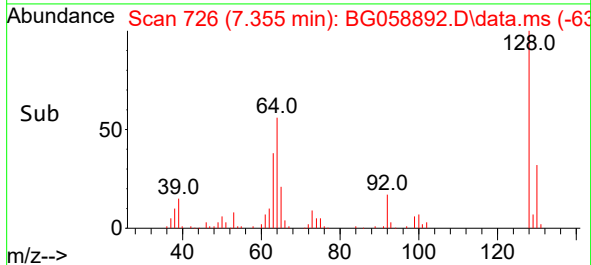
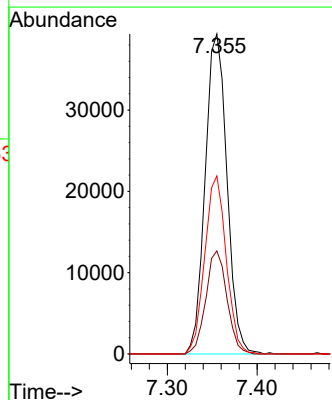
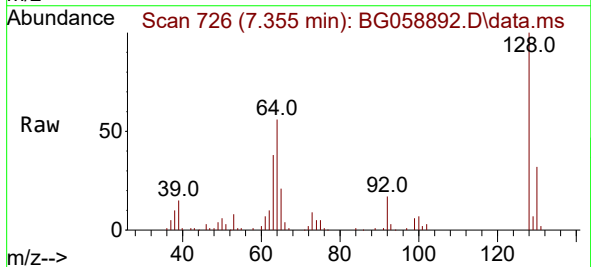
Reviewed By :Yogesh
Patel
08/30/2023

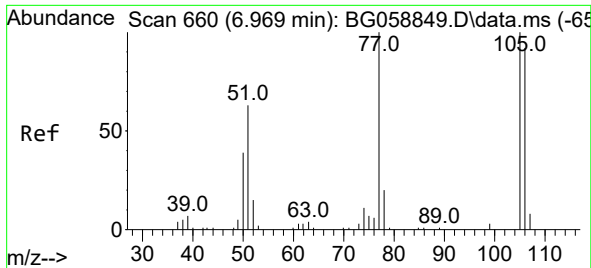
Supervised By :mohammad
ahmed
08/30/2023



#8
2-Chlorophenol
Concen: 53.512 ng
RT: 7.355 min Scan# 726
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

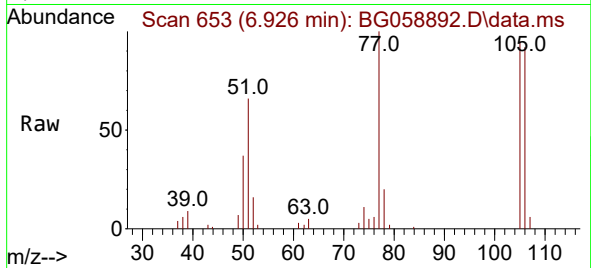
Tgt Ion:128 Resp: 66246
Ion Ratio Lower Upper
128 100
130 32.2 10.9 50.9
64 55.7 38.4 78.4





#9
Benzaldehyde
Concen: 26.307 ng m
RT: 6.926 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

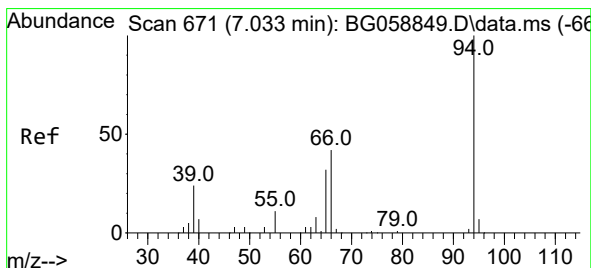
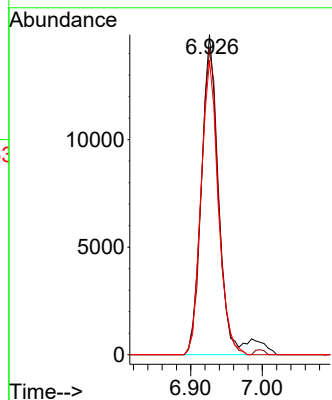


Tgt Ion: 77 Resp: 2534
Ion Ratio Lower Upper
77 100
105 95.1 76.7 116.7
106 92.0 73.4 113.4

Manual Integrations
APPROVED

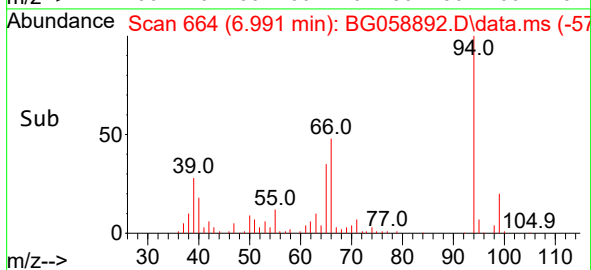
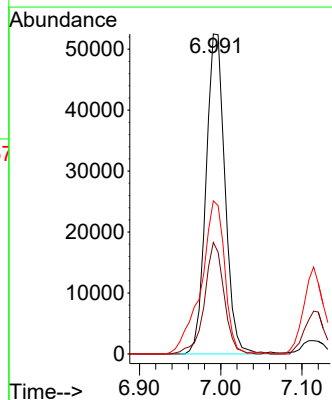
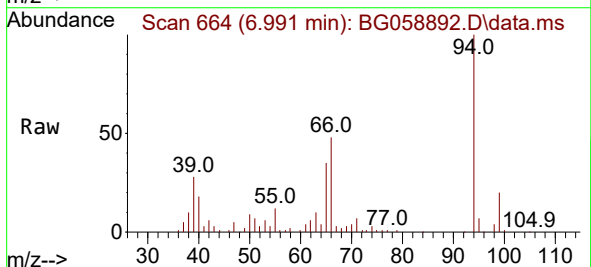
Reviewed By :Yogesh
Patel
08/30/2023

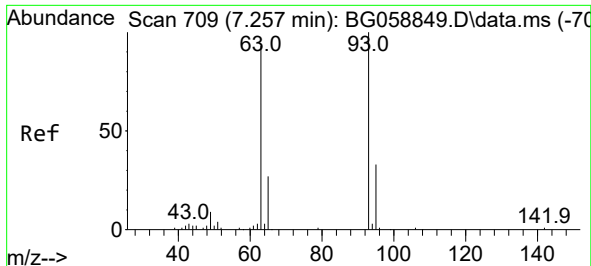
Supervised By :mohammad
ahmed
08/30/2023



#10
Phenol
Concen: 51.413 ng
RT: 6.991 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 94 Resp: 85161
Ion Ratio Lower Upper
94 100
65 34.8 12.6 52.6
66 47.9 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 44.051 ng
RT: 7.208 min Scan# 709
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

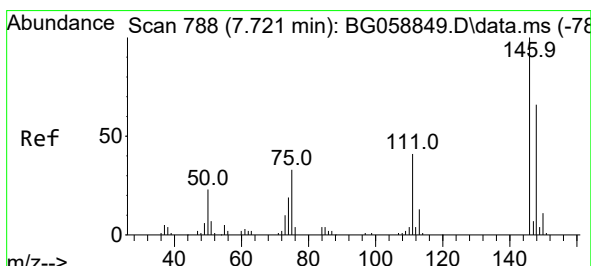
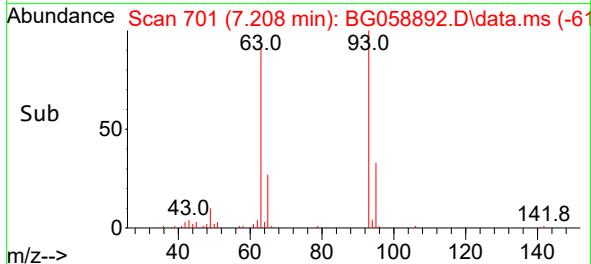
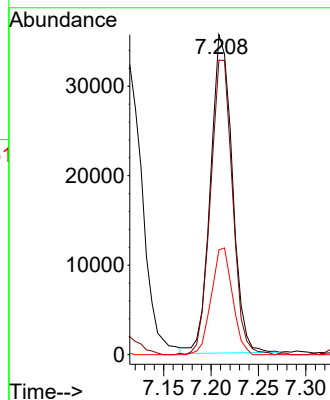
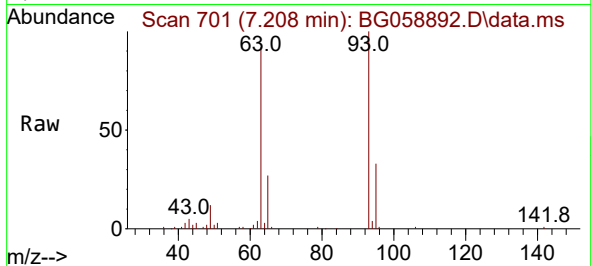
VNJ-208MSD

Tgt Ion: 93 Resp: 5693
Ion Ratio Lower Upper
93 100
63 92.0 74.8 114.8
95 32.7 12.1 52.1

Manual Integrations
APPROVED

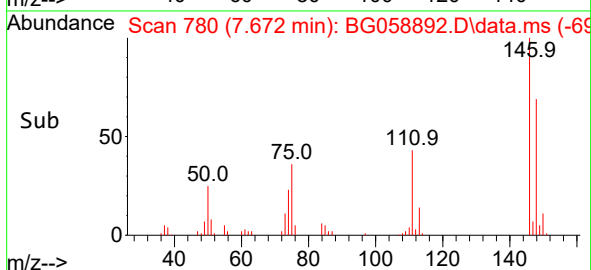
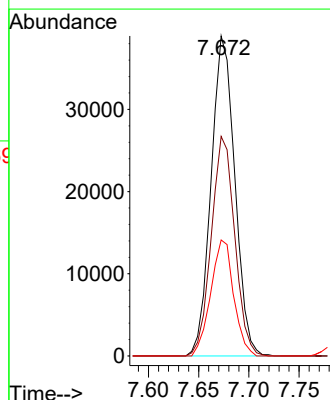
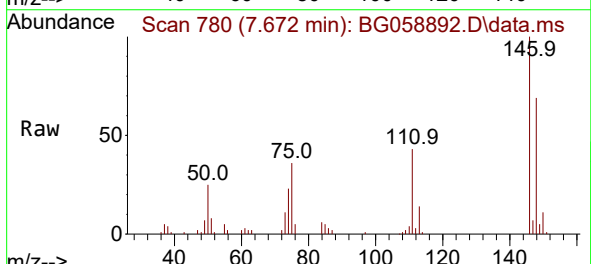
Reviewed By :Yogesh
Patel
08/30/2023

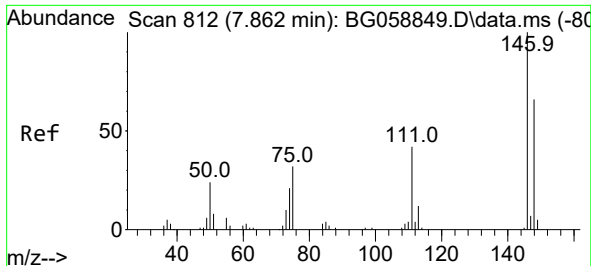
Supervised By :mohammad
ahmed
08/30/2023



#12
1,3-Dichlorobenzene
Concen: 48.634 ng
RT: 7.672 min Scan# 780
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

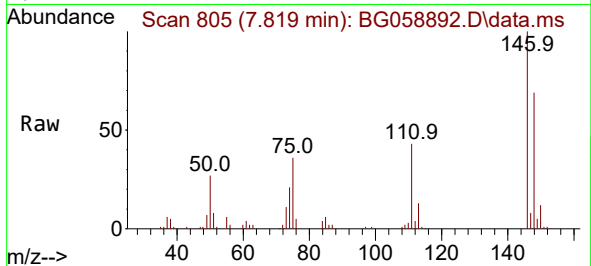
Tgt Ion:146 Resp: 63951
Ion Ratio Lower Upper
146 100
148 68.6 52.4 78.6
75 36.3 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 49.810 ng
RT: 7.819 min Scan# 805
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

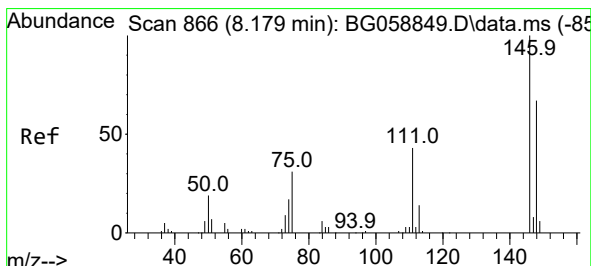
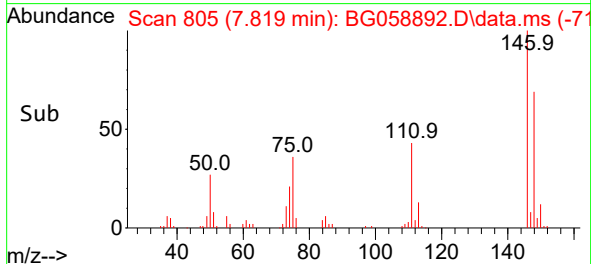
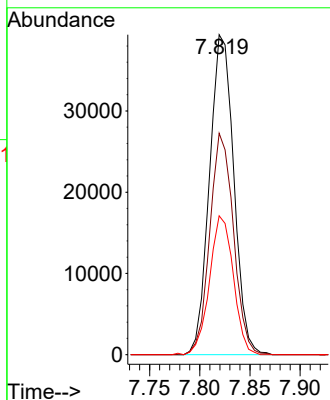


Tgt Ion:146 Resp: 6623
Ion Ratio Lower Upper
146 100
148 69.2 51.3 76.9
111 43.4 33.8 50.8

Manual Integrations
APPROVED

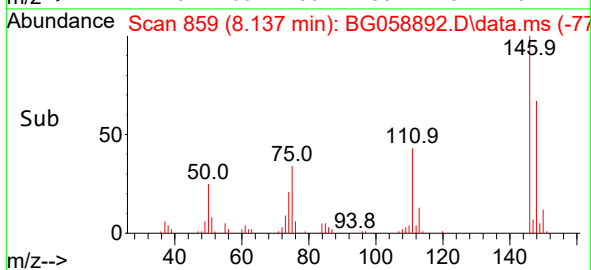
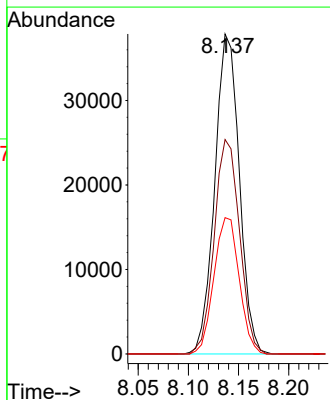
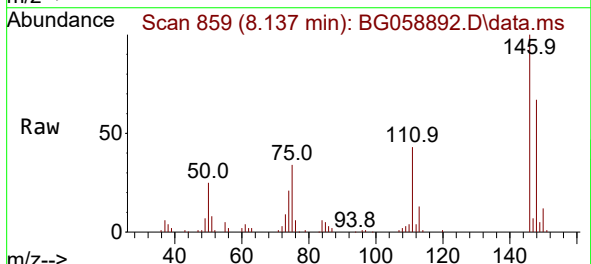
Reviewed By :Yogesh
Patel
08/30/2023

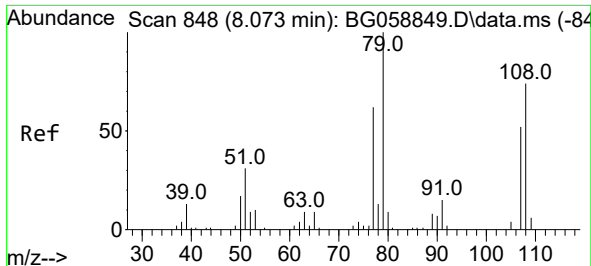
Supervised By :mohammad
ahmed
08/30/2023



#14
1,2-Dichlorobenzene
Concen: 50.043 ng
RT: 8.137 min Scan# 859
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:146 Resp: 64315
Ion Ratio Lower Upper
146 100
148 67.0 52.9 79.3
111 42.6 35.5 53.3





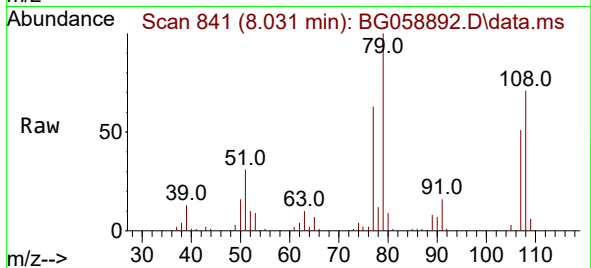
#15
Benzyl Alcohol
Concen: 53.080 ng
RT: 8.031 min Scan# 841
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion: 79 Resp: 65192
Ion Ratio Lower Upper
79 100
108 70.8 63.4 95.0
77 62.9 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

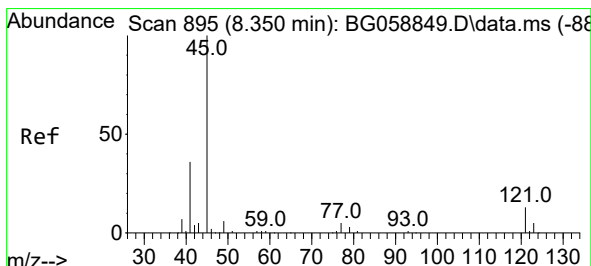
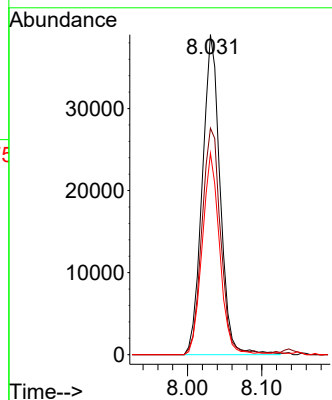
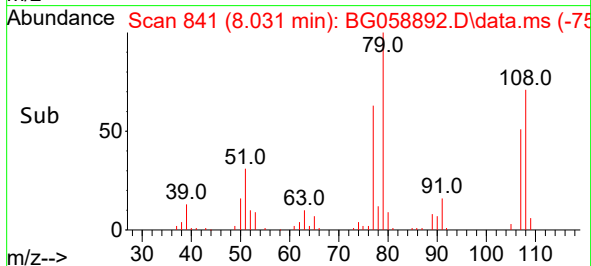
Patel

08/30/2023

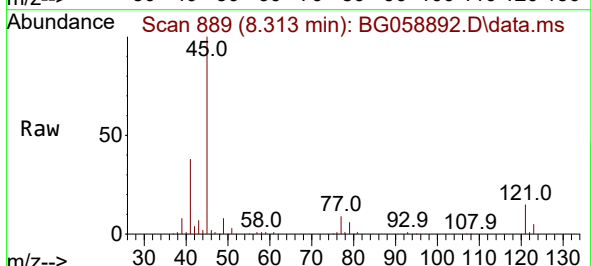
Supervised By :mohammad

ahmed

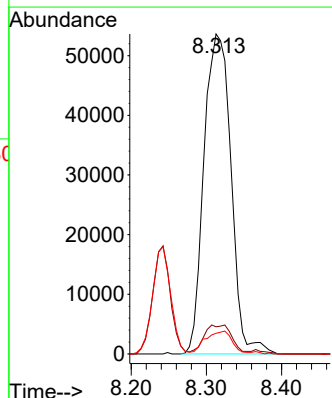
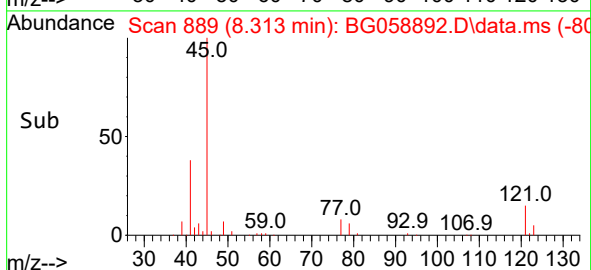
08/30/2023

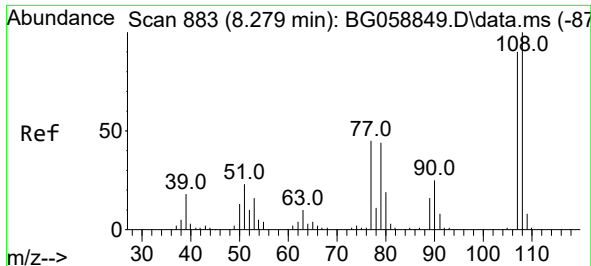


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.727 ng m
RT: 8.313 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07



Tgt Ion: 45 Resp: 134217
Ion Ratio Lower Upper
45 100
77 8.5 0.0 30.3
79 6.5 0.0 27.7





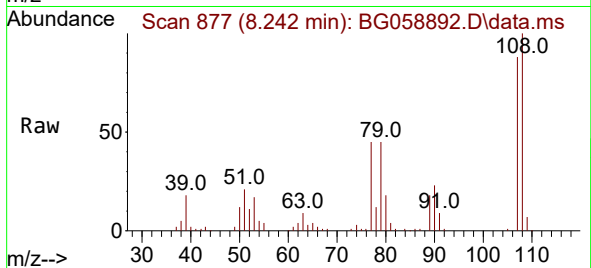
#17
2-Methylphenol
Concen: 47.904 ng
RT: 8.242 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:107 Resp: 58280
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.2
77 51.3 40.0 60.0
79 50.8 37.3 55.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

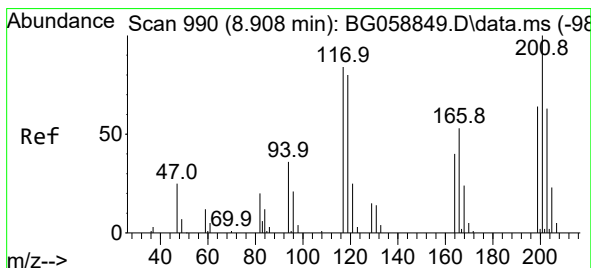
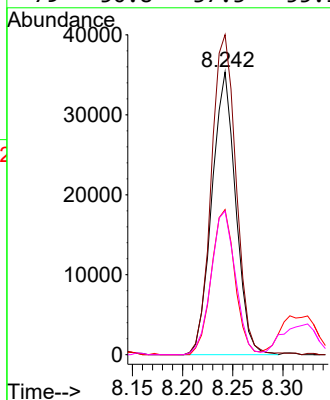
Patel

08/30/2023

Supervised By :mohammad

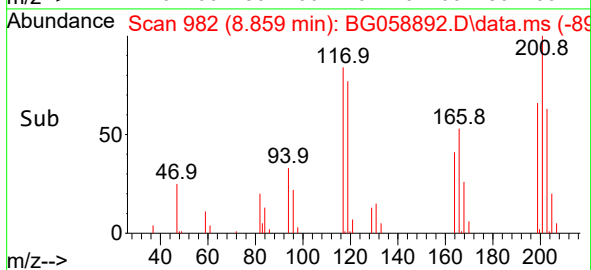
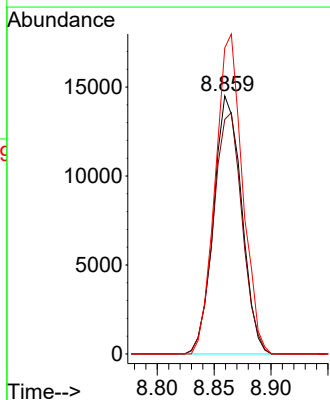
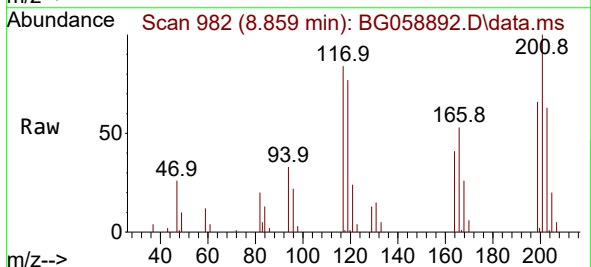
ahmed

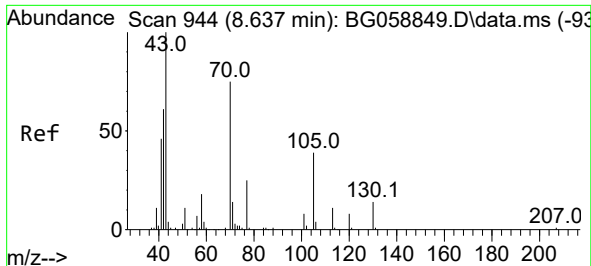
08/30/2023



#18
Hexachloroethane
Concen: 51.166 ng
RT: 8.859 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:117 Resp: 24789
Ion Ratio Lower Upper
117 100
119 89.8 76.6 115.0
201 117.2 97.0 145.6





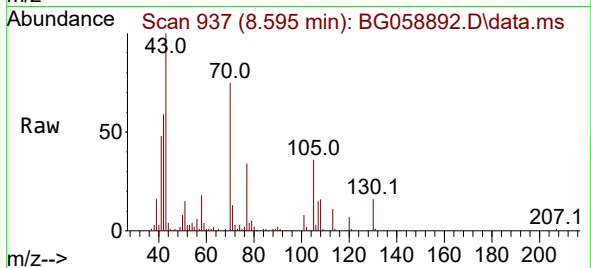
#19
n-Nitroso-di-n-propylamine
Concen: 44.715 ng
RT: 8.595 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion: 70 Resp: 4965
Ion Ratio Lower Upper
70 100
42 79.2 59.2 88.8
101 10.3 8.2 12.2
130 21.2 15.3 22.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

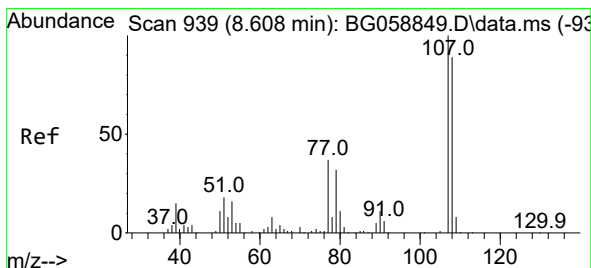
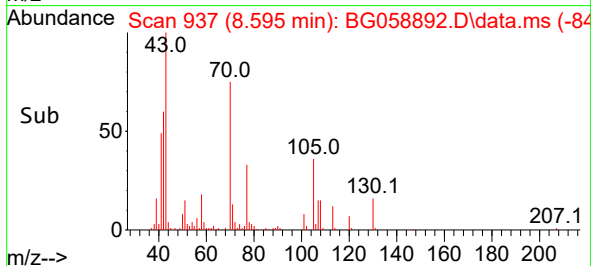
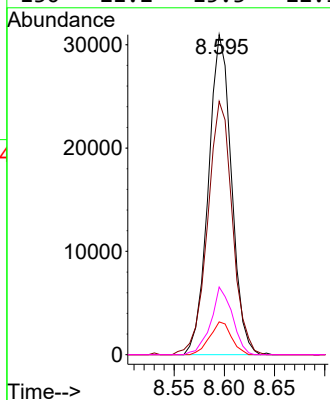
Patel

08/30/2023

Supervised By :mohammad

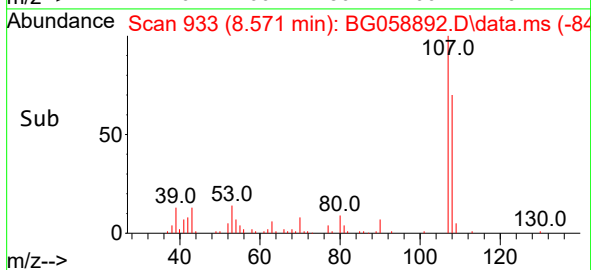
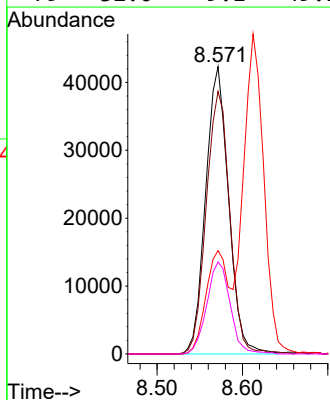
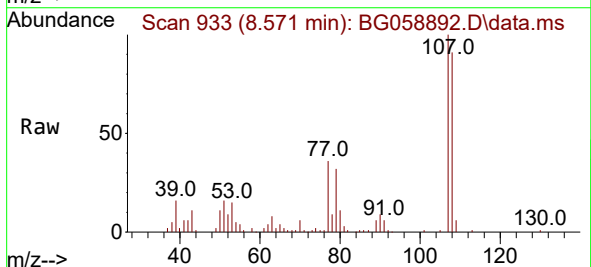
ahmed

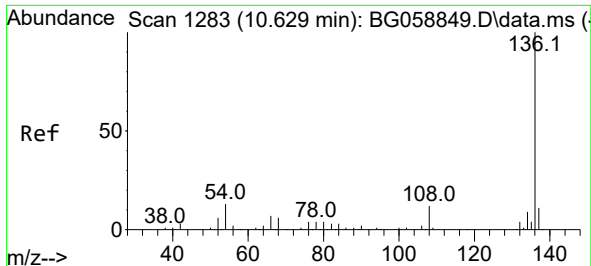
08/30/2023



#20
3+4-Methylphenols
Concen: 48.439 ng
RT: 8.571 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:107 Resp: 79228
Ion Ratio Lower Upper
107 100
108 91.3 70.6 110.6
77 36.0 14.8 54.8
79 32.0 9.1 49.1





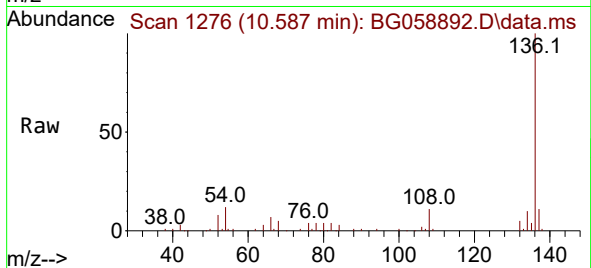
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:136 Resp: 8627
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 12.7 10.1 15.1
68 5.0 5.2 7.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

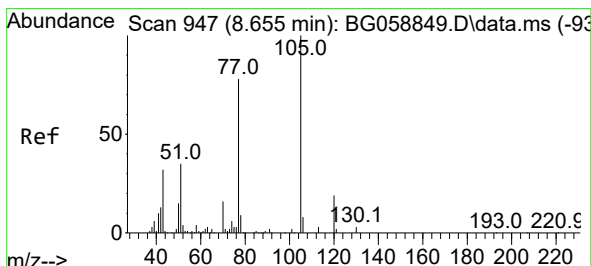
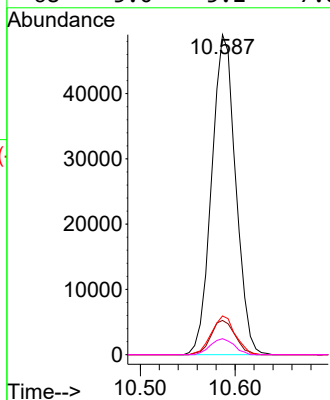
Patel

08/30/2023

Supervised By :mohammad

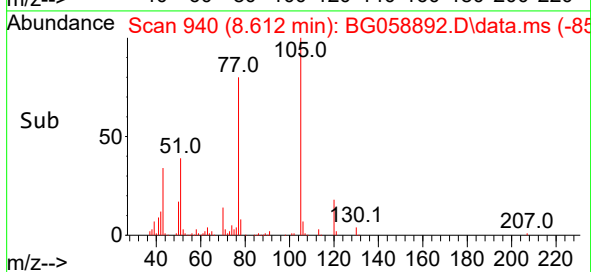
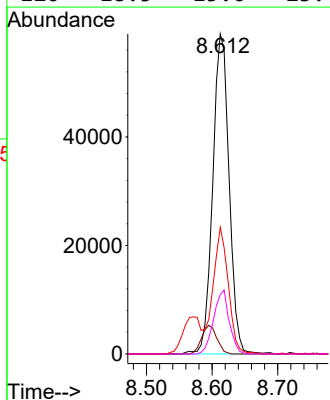
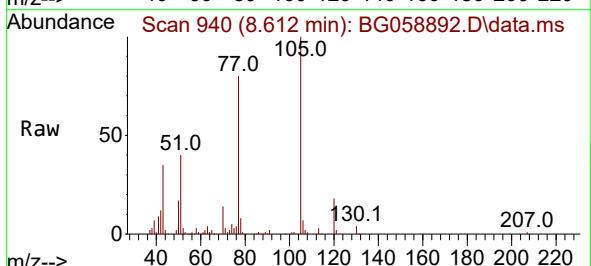
ahmed

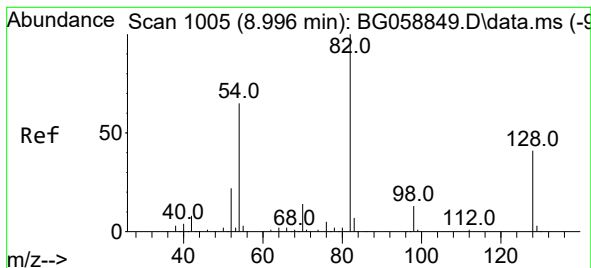
08/30/2023



#22
Acetophenone
Concen: 43.683 ng
RT: 8.612 min Scan# 940
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:105 Resp: 102021
Ion Ratio Lower Upper
105 100
71 2.9 2.2 3.2
51 39.6 28.5 42.7
120 18.5 15.6 23.4





#23

Nitrobenzene-d5

Concen: 64.355 ng

RT: 8.953 min Scan# 998

Delta R.T. -0.005 min

Lab File: BG058892.D

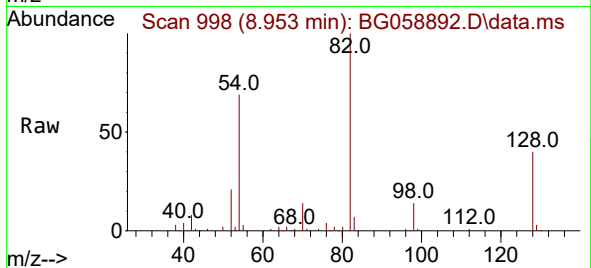
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:	82	Resp:	11548
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.2	49.8
54	68.9	51.2	76.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

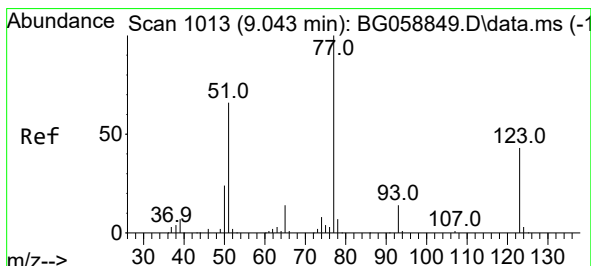
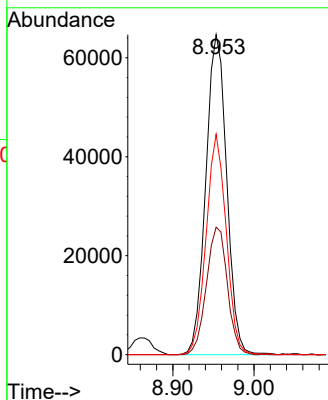
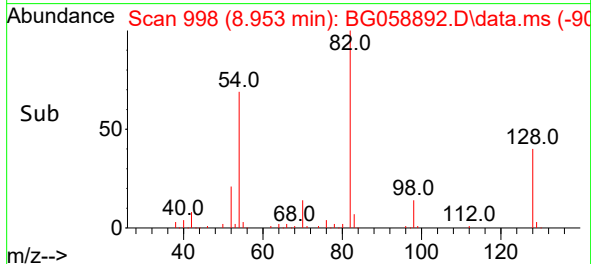
Patel

08/30/2023

Supervised By :mohammad

ahmed

08/30/2023



#24

Nitrobenzene

Concen: 43.613 ng

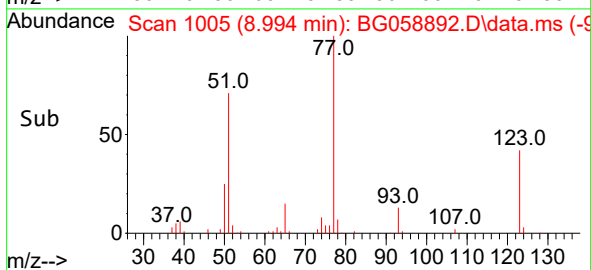
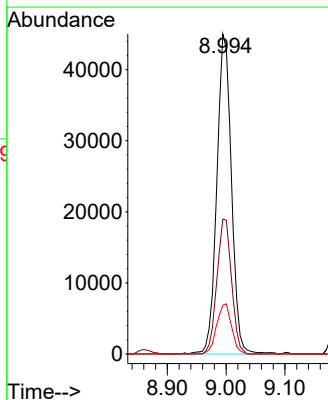
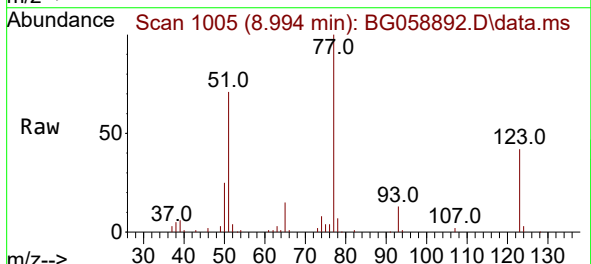
RT: 8.994 min Scan# 1005

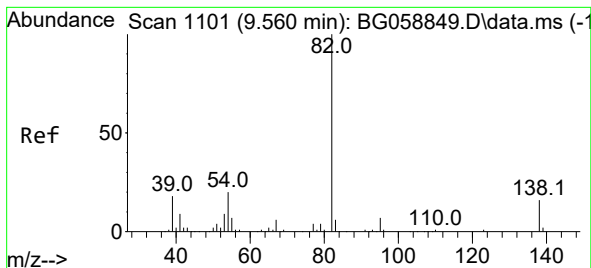
Delta R.T. -0.005 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Tgt Ion:	77	Resp:	77841
Ion Ratio	Lower	Upper	
77	100		
123	42.1	34.9	52.3
65	15.2	10.9	16.3





#25

Isophorone

Concen: 41.614 ng

RT: 9.517 min Scan# 1101

Delta R.T. -0.005 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion: 82 Resp: 14850

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

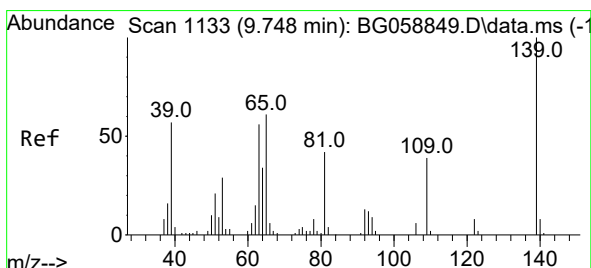
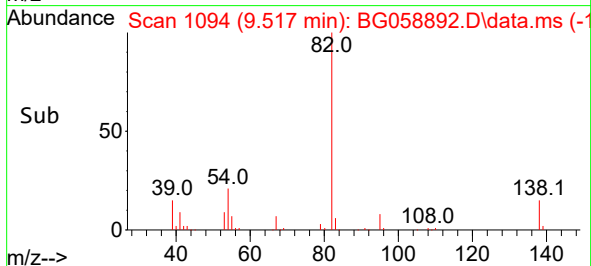
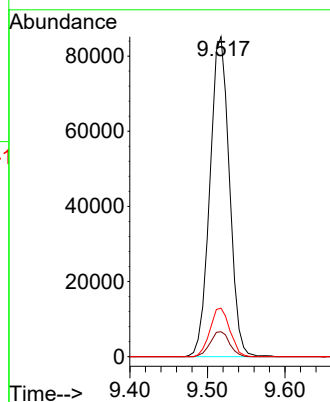
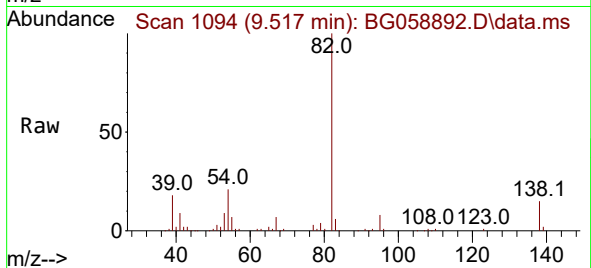
Patel

08/30/2023

Supervised By :mohammad

ahmed

08/30/2023



#26

2-Nitrophenol

Concen: 48.885 ng

RT: 9.705 min Scan# 1126

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

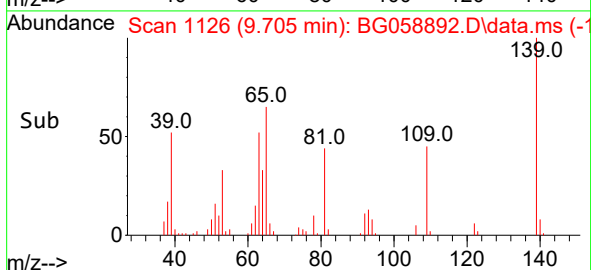
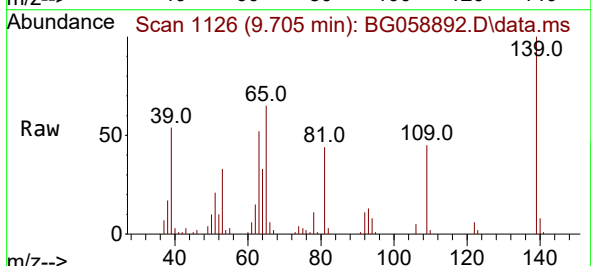
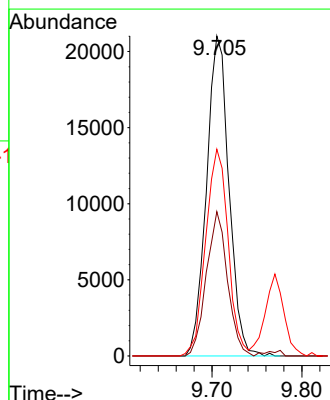
Tgt Ion:139 Resp: 36491

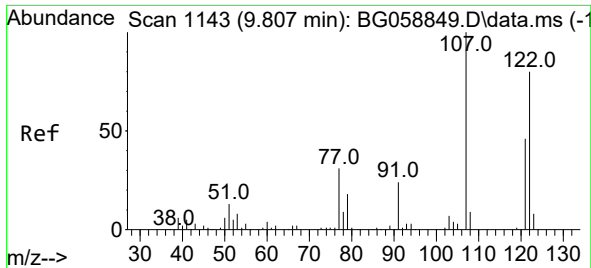
Ion Ratio Lower Upper

139 100

109 45.1 28.7 43.1#

65 64.6 50.6 76.0





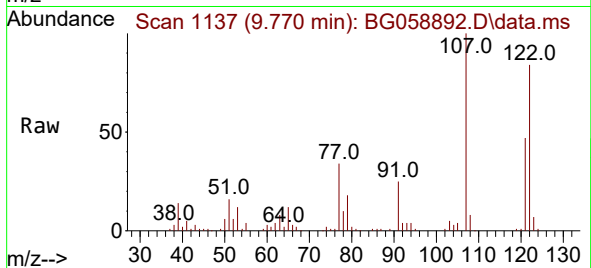
#27
2,4-Dimethylphenol
Concen: 48.939 ng
RT: 9.770 min Scan# 1117
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:122 Resp: 6191
Ion Ratio Lower Upper
122 100
107 118.9 102.6 154.0
121 55.5 45.0 67.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

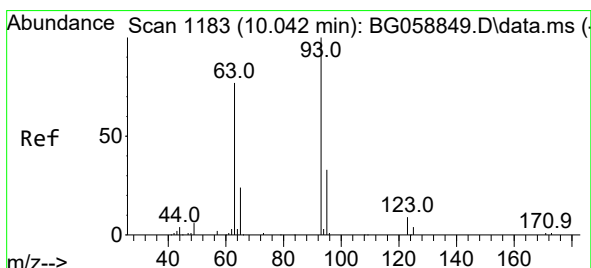
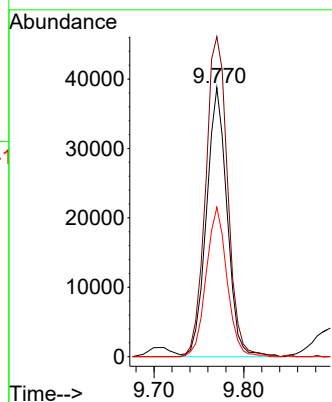
Patel

08/30/2023

Supervised By :mohammad

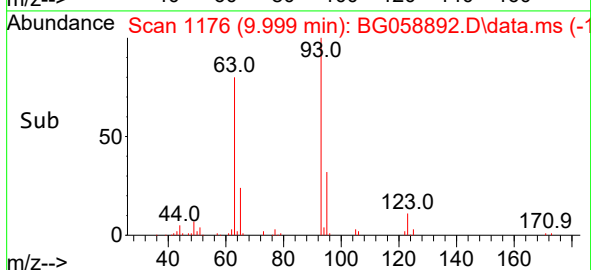
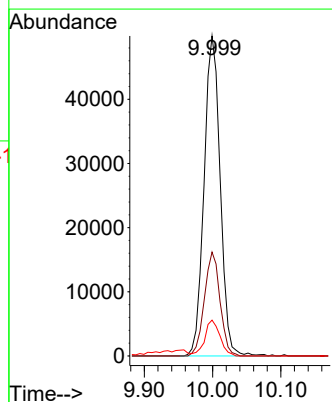
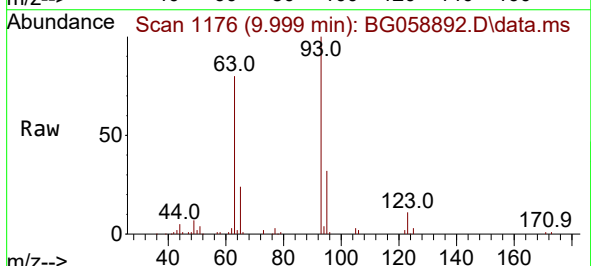
ahmed

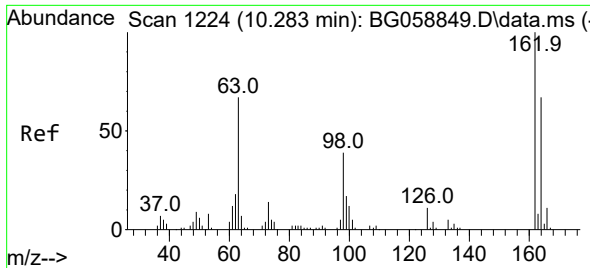
08/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.443 ng
RT: 9.999 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 93 Resp: 82122
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.2 8.1 12.1





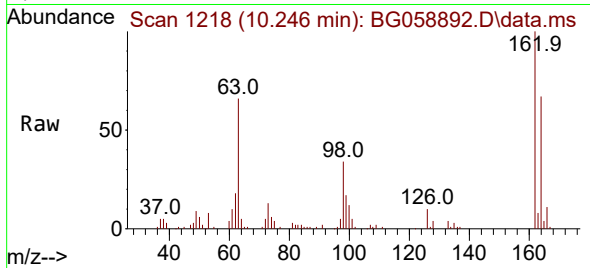
#29
2,4-Dichlorophenol
Concen: 53.355 ng
RT: 10.246 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:162 Resp: 6936
Ion Ratio Lower Upper
162 100
164 67.0 44.4 84.4
98 34.3 16.1 56.1

Manual Integrations
APPROVED

Reviewed By :Yogesh

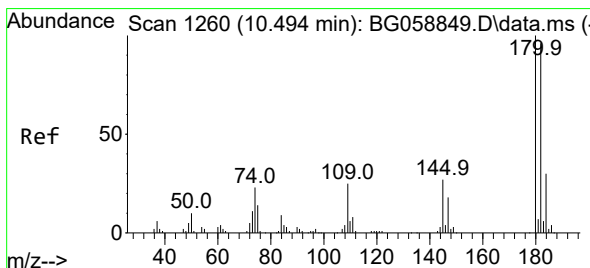
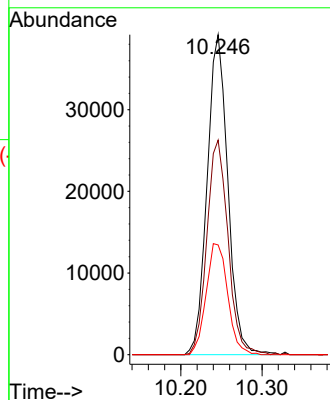
Patel

08/30/2023

Supervised By :mohammad

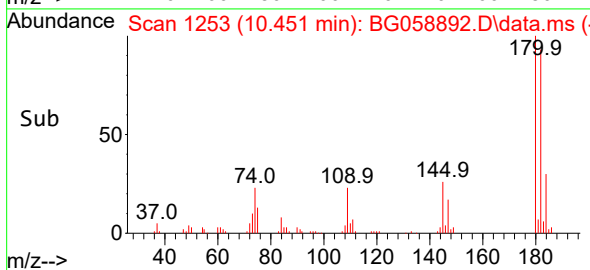
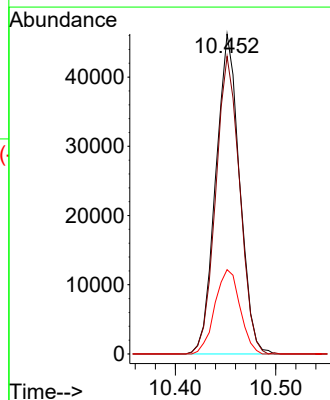
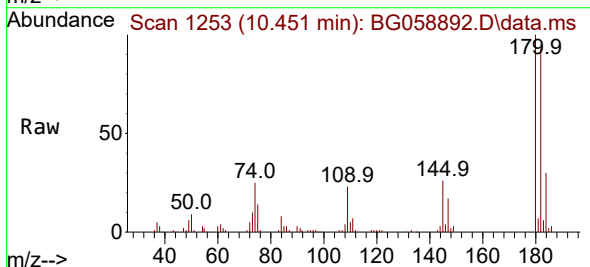
ahmed

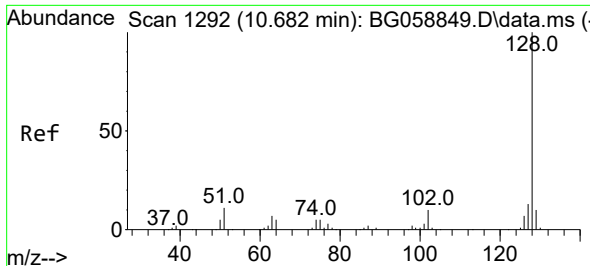
08/30/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.502 ng
RT: 10.451 min Scan# 1253
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

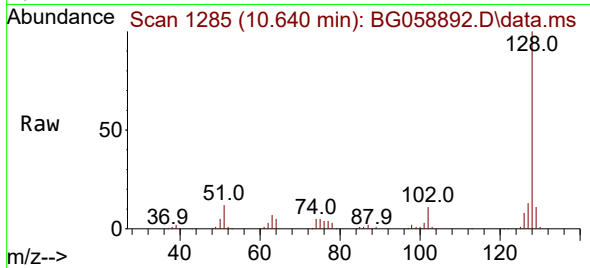
Tgt Ion:180 Resp: 76139
Ion Ratio Lower Upper
180 100
182 93.0 74.6 112.0
145 26.3 21.4 32.0





#31
Naphthalene
Concen: 45.408 ng
RT: 10.640 min Scan# 1169
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

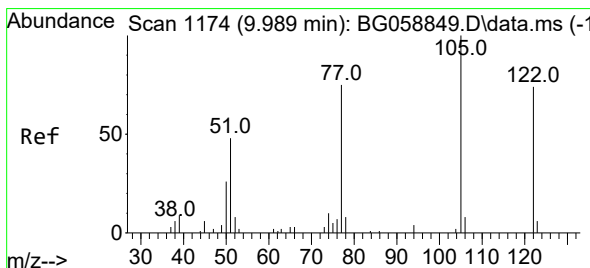
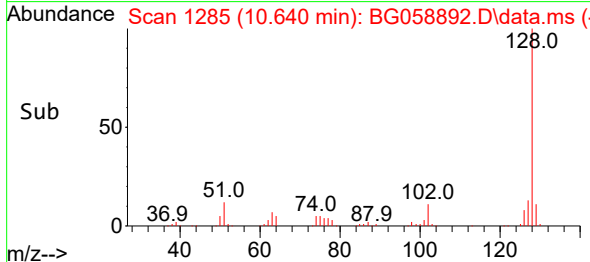
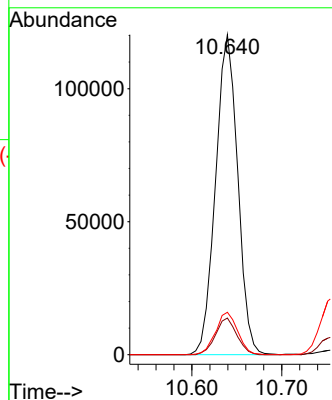


Tgt Ion:128 Resp: 205700
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations
APPROVED

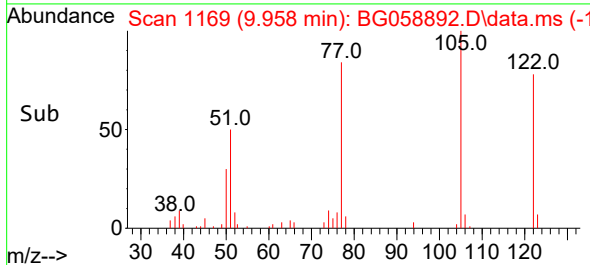
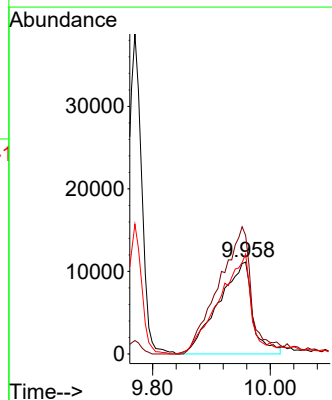
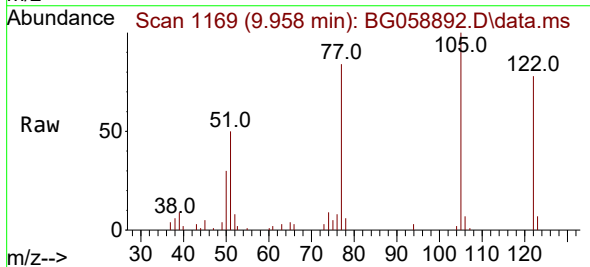
Reviewed By :Yogesh
Patel
08/30/2023

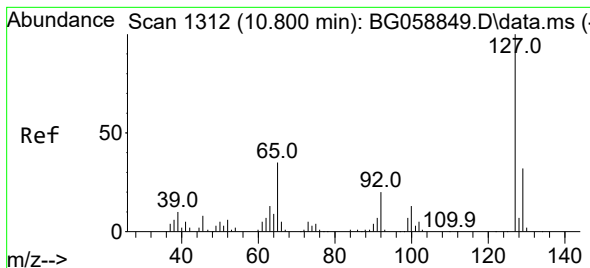
Supervised By :mohammad
ahmed
08/30/2023



#32
Benzoic acid
Concen: 57.005 ng
RT: 9.958 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:122 Resp: 45144
Ion Ratio Lower Upper
122 100
105 129.0 113.6 153.6
77 108.7 79.7 119.7





#33
4-Chloroaniline
Concen: 22.715 ng
RT: 10.757 min Scan# 1305
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:127 Resp: 4339
Ion Ratio Lower Upper
127 100
129 31.6 25.2 37.8
65 34.1 30.5 45.7
92 20.8 16.1 24.1

Manual Integrations
APPROVED

Reviewed By :Yogesh

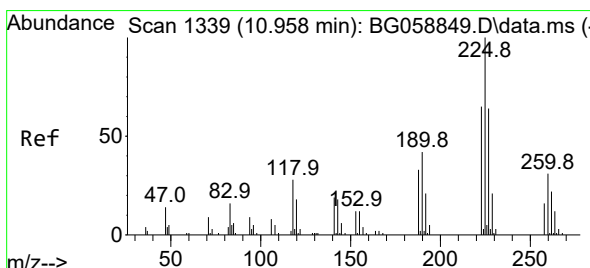
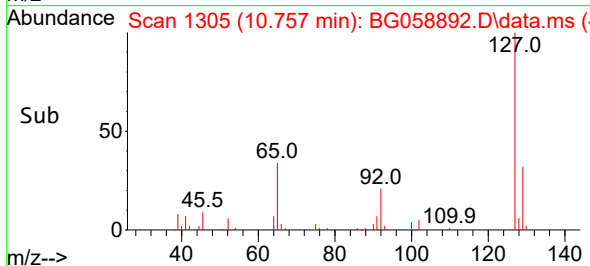
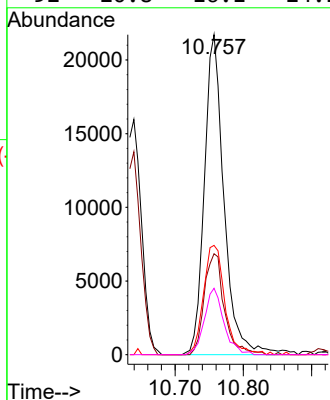
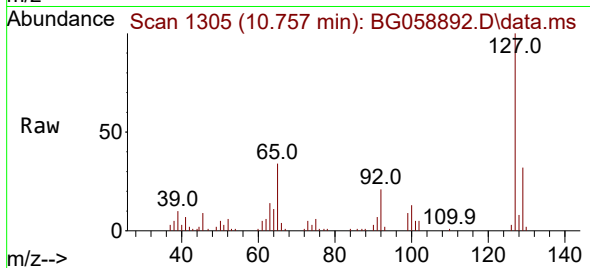
Patel

08/30/2023

Supervised By :mohammad

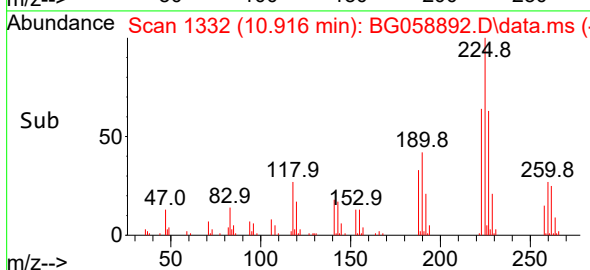
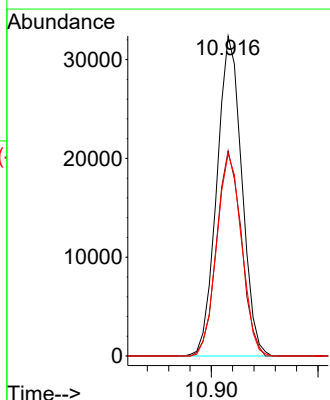
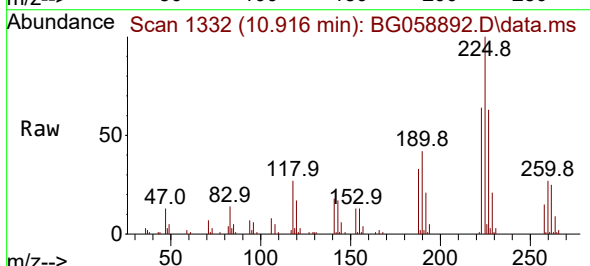
ahmed

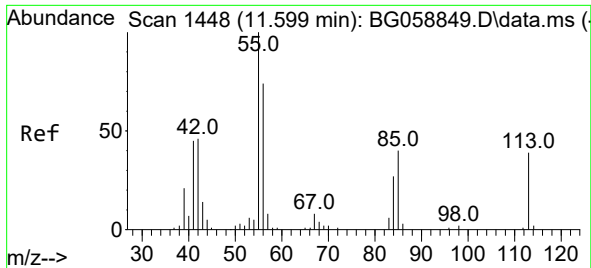
08/30/2023



#34
Hexachlorobutadiene
Concen: 49.588 ng
RT: 10.916 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

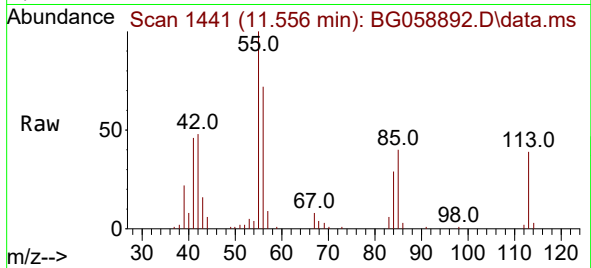
Tgt Ion:225 Resp: 52538
Ion Ratio Lower Upper
225 100
223 64.1 49.9 74.9
227 65.8 51.6 77.4





#35
Caprolactam
Concen: 45.035 ng m
RT: 11.556 min Scan# 1441
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

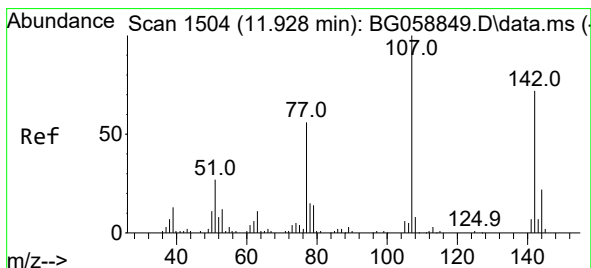
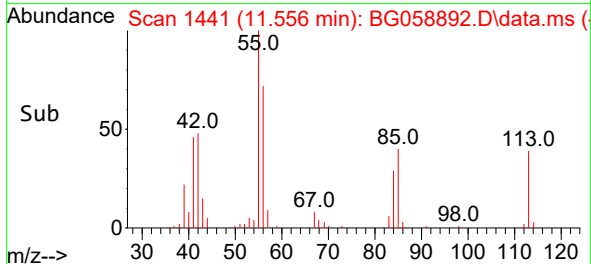
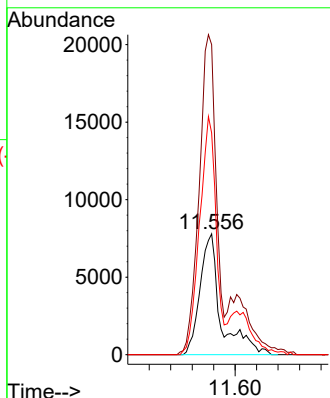


Tgt Ion:113 Resp: 20979
Ion Ratio Lower Upper
113 100
55 256.8 256.3 296.3
56 183.7 180.4 220.4

Manual Integrations
APPROVED

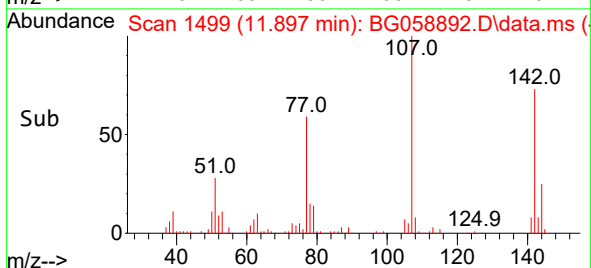
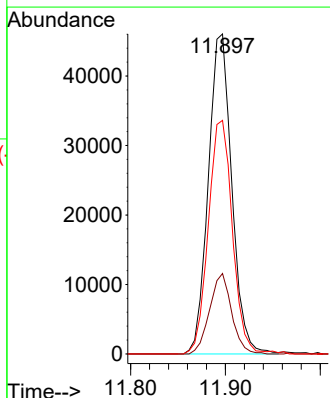
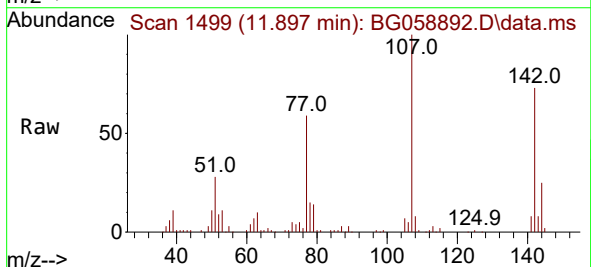
Reviewed By :Yogesh
Patel
08/30/2023

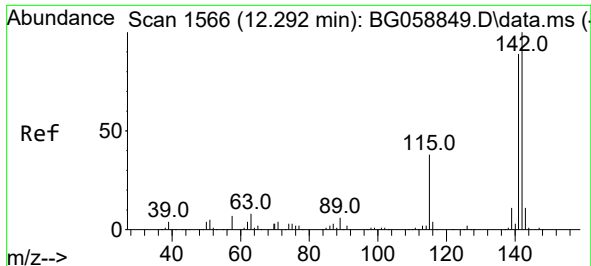
Supervised By :mohammad
ahmed
08/30/2023



#36
4-Chloro-3-methylphenol
Concen: 48.976 ng
RT: 11.897 min Scan# 1499
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:107 Resp: 79177
Ion Ratio Lower Upper
107 100
144 25.2 17.9 26.9
142 73.0 58.5 87.7





#37
2-Methylnaphthalene
Concen: 44.553 ng
RT: 12.255 min Scan# 1560
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:142 Resp: 144955
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.8
115 40.7 30.6 45.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

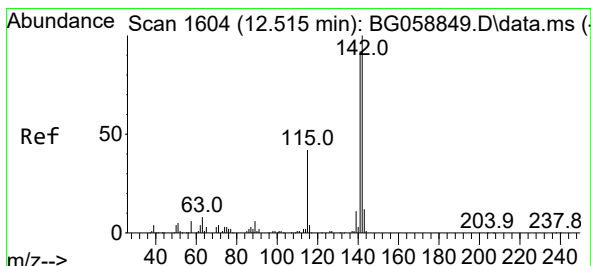
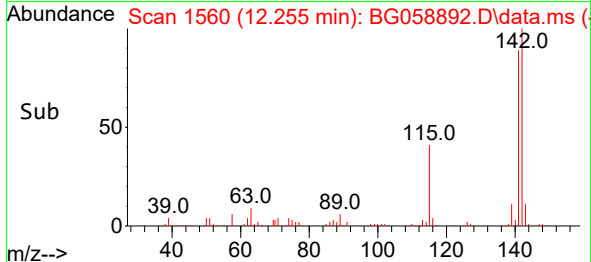
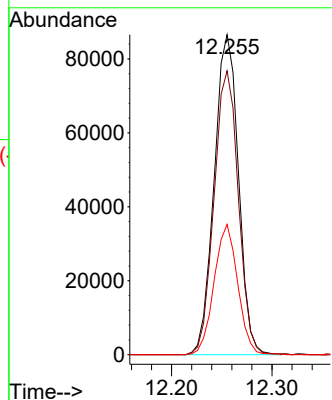
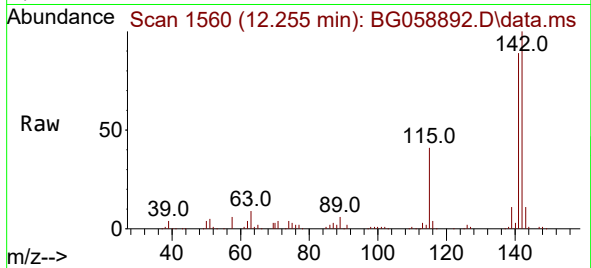
Patel

08/30/2023

Supervised By :mohammad

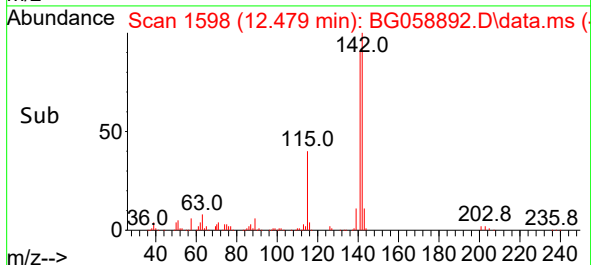
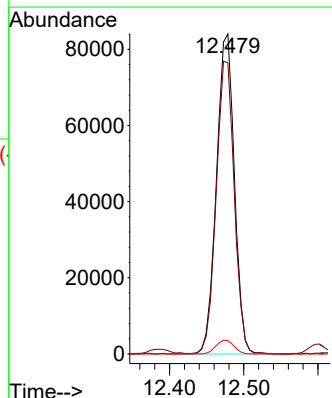
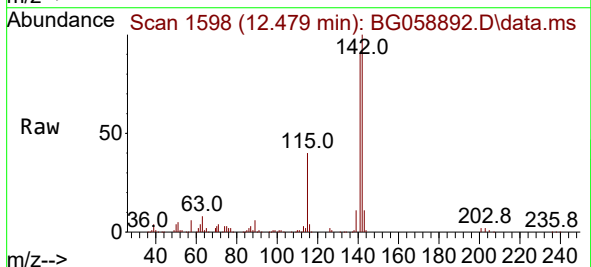
ahmed

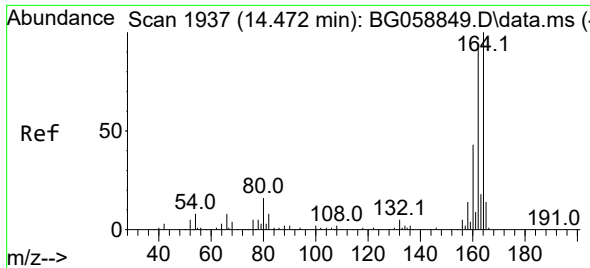
08/30/2023



#38
1-Methylnaphthalene
Concen: 45.674 ng
RT: 12.479 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

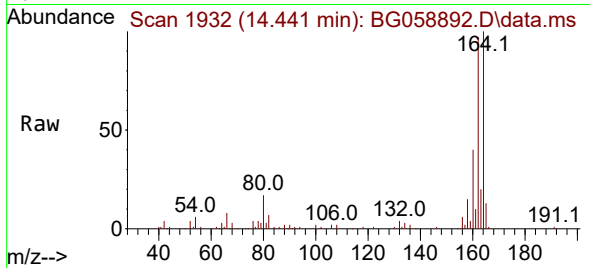
Tgt Ion:142 Resp: 141065
Ion Ratio Lower Upper
142 100
141 90.9 73.9 110.9
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.441 min Scan# 1932
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

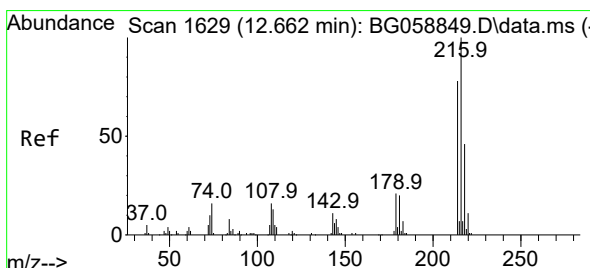
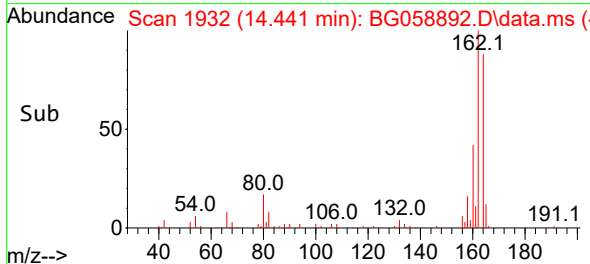
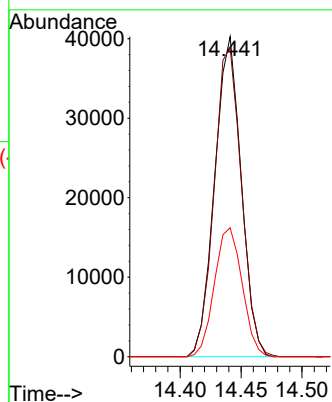


Tgt Ion:164 Resp: 60784
Ion Ratio Lower Upper
164 100
162 96.6 79.6 119.4
160 40.3 34.0 51.0

Manual Integrations
APPROVED

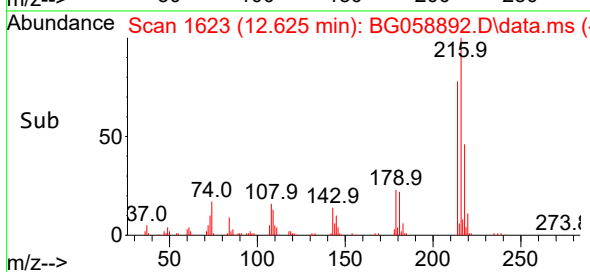
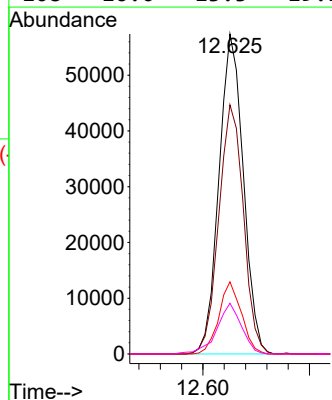
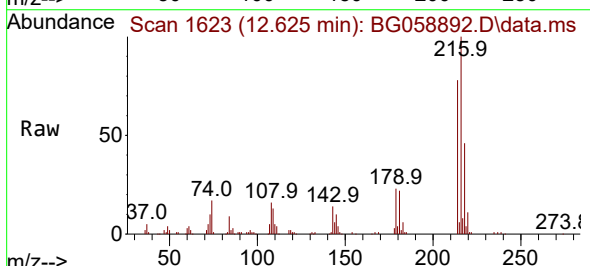
Reviewed By :Yogesh
Patel
08/30/2023

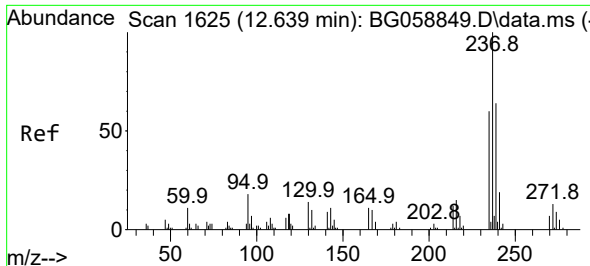
Supervised By :mohammad
ahmed
08/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.505 ng
RT: 12.625 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

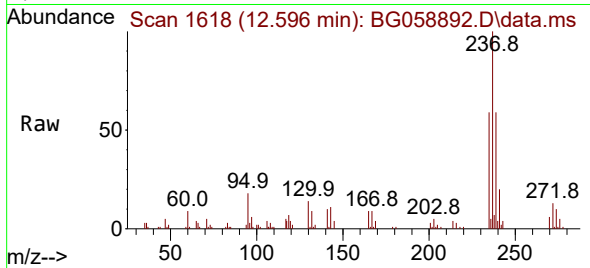
Tgt Ion:216 Resp: 90894
Ion Ratio Lower Upper
216 100
214 78.7 64.0 96.0
179 20.9 16.2 24.4
108 16.0 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 56.503 ng
RT: 12.596 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

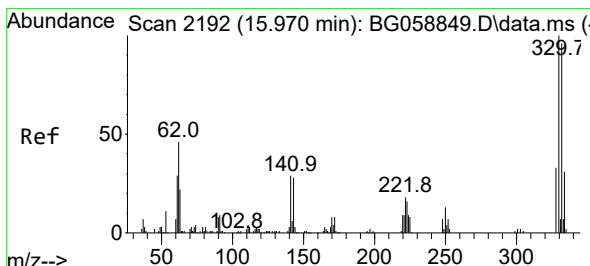
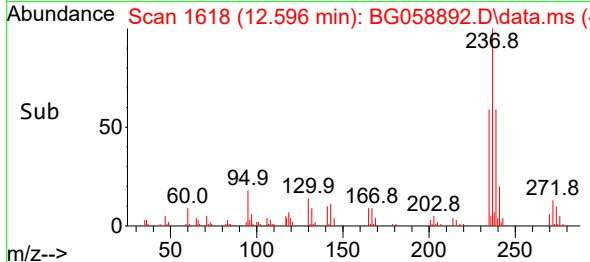
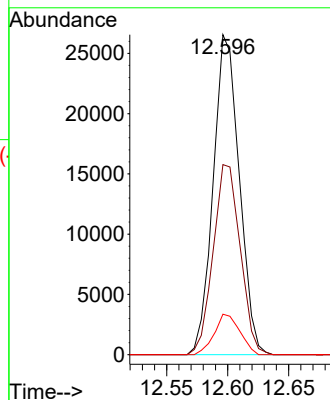


Tgt Ion:237 Resp: 3951
Ion Ratio Lower Upper
237 100
235 59.4 41.5 81.5
272 12.7 0.0 32.5

Manual Integrations
APPROVED

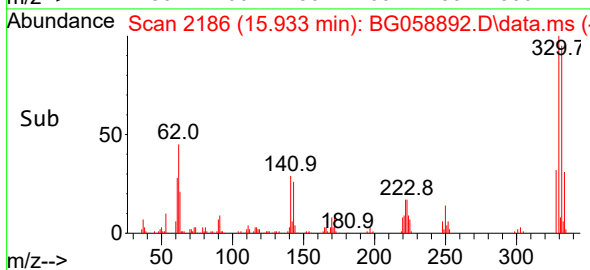
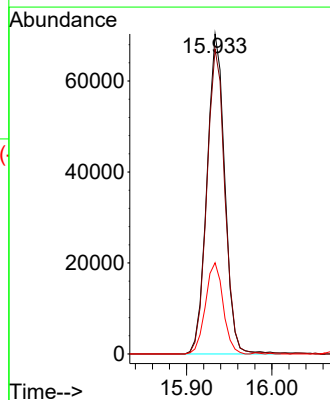
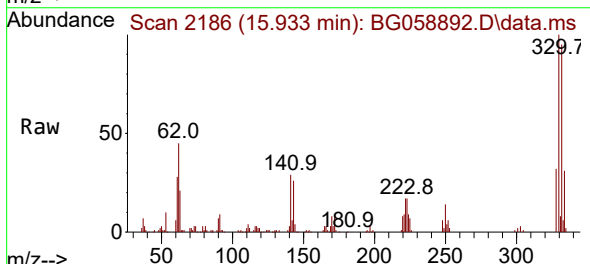
Reviewed By :Yogesh
Patel
08/30/2023

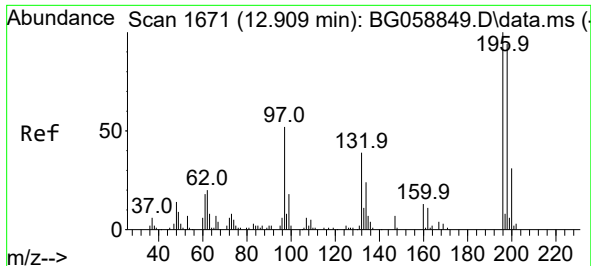
Supervised By :mohammad
ahmed
08/30/2023



#42
2,4,6-Tribromophenol
Concen: 107.328 ng
RT: 15.933 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

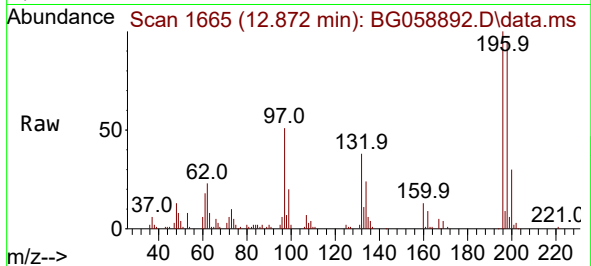
Tgt Ion:330 Resp: 102292
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 28.3 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 53.220 ng
RT: 12.872 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

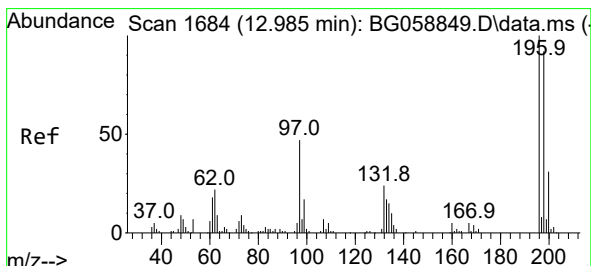
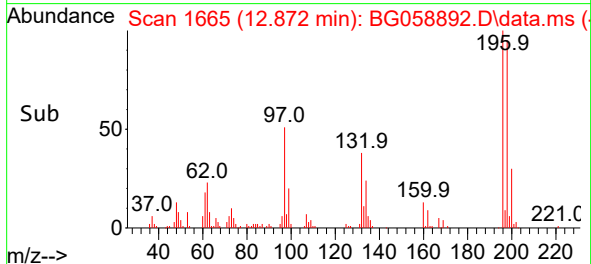
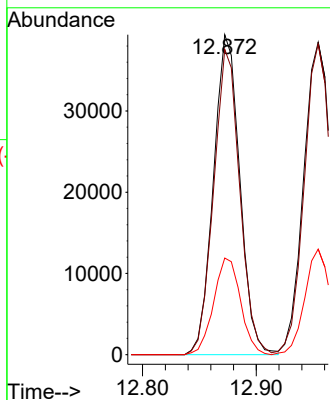


Tgt Ion:196 Resp: 6345
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.2 23.8 35.6

Manual Integrations
APPROVED

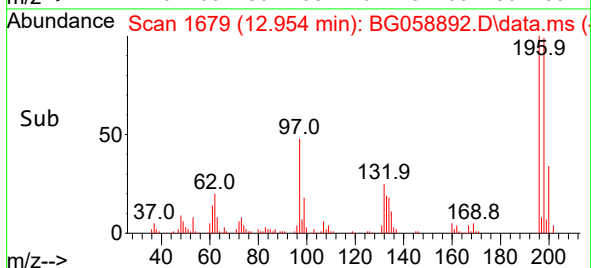
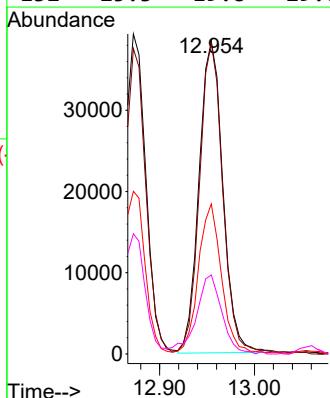
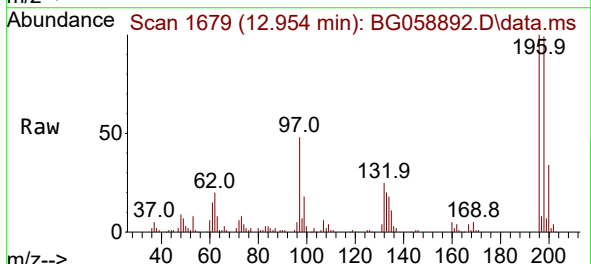
Reviewed By :Yogesh
Patel
08/30/2023

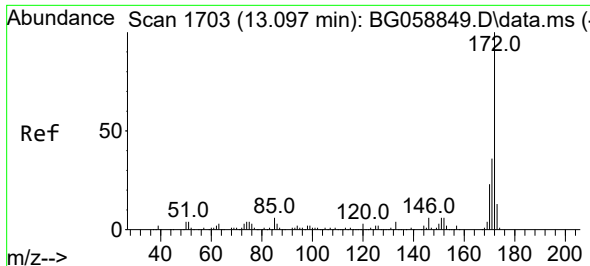
Supervised By :mohammad
ahmed
08/30/2023



#44
2,4,5-Trichlorophenol
Concen: 46.912 ng
RT: 12.954 min Scan# 1679
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

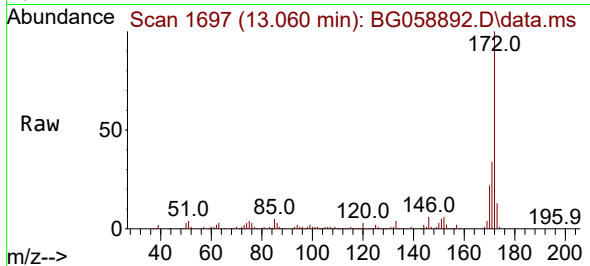
Tgt Ion:196 Resp: 66983
Ion Ratio Lower Upper
196 100
198 99.4 78.0 117.0
97 48.0 38.7 58.1
132 25.3 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 62.424 ng
RT: 13.060 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

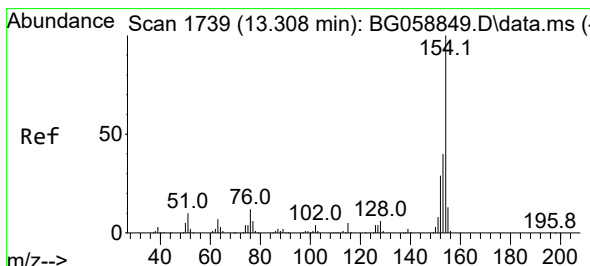
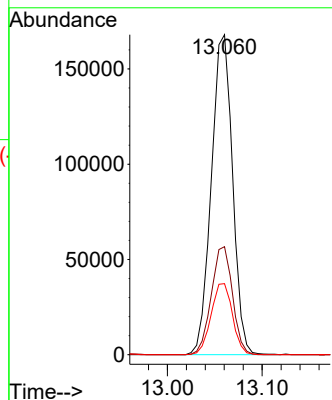


Tgt Ion:172 Resp: 260878
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.2 18.6 27.8

Manual Integrations
APPROVED

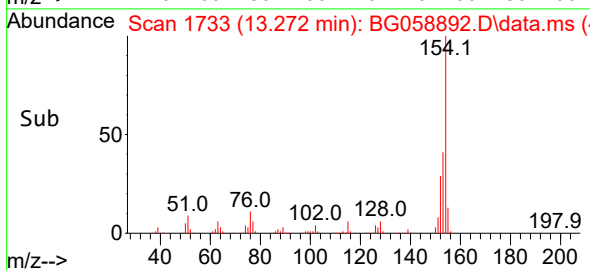
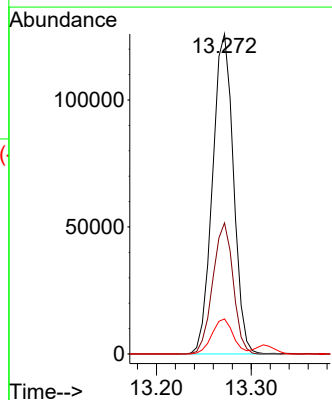
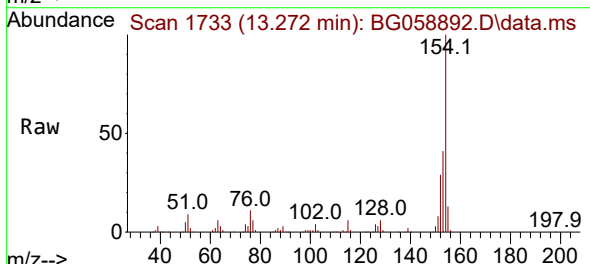
Reviewed By :Yogesh
Patel
08/30/2023

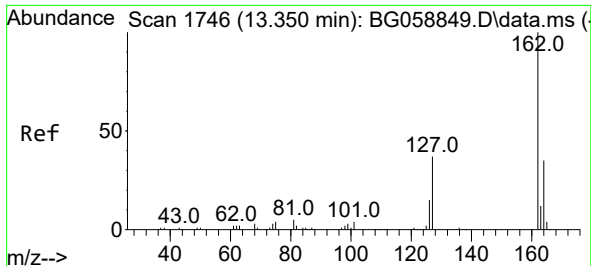
Supervised By :mohammad
ahmed
08/30/2023



#46
1,1'-Biphenyl
Concen: 46.159 ng
RT: 13.272 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:154 Resp: 193283
Ion Ratio Lower Upper
154 100
153 41.0 21.7 61.7
76 10.9 0.0 33.2





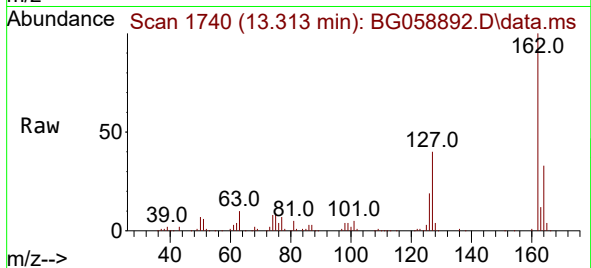
#47
2-Chloronaphthalene
Concen: 47.959 ng
RT: 13.313 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:162 Resp: 156498
Ion Ratio Lower Upper
162 100
127 39.7 31.5 47.3
164 33.2 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh

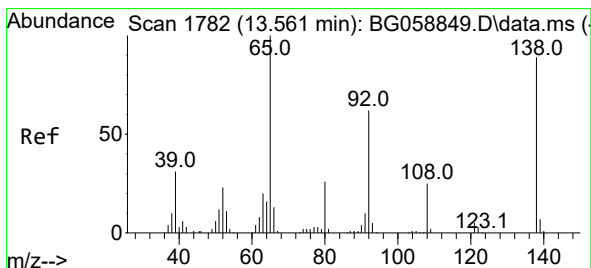
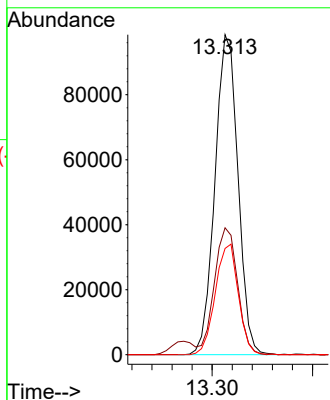
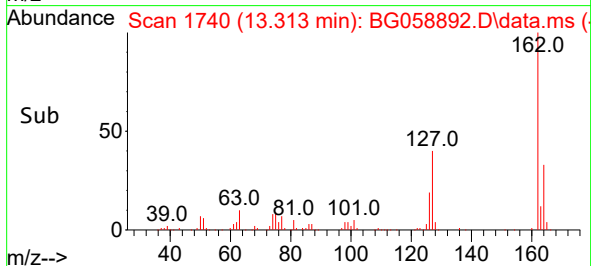
Patel

08/30/2023

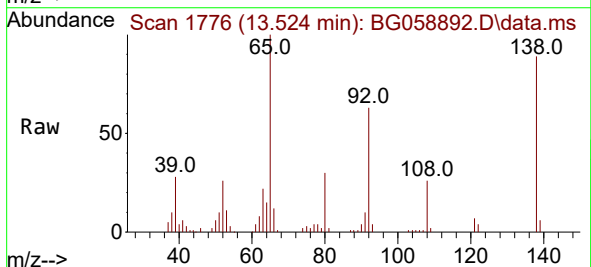
Supervised By :mohammad

ahmed

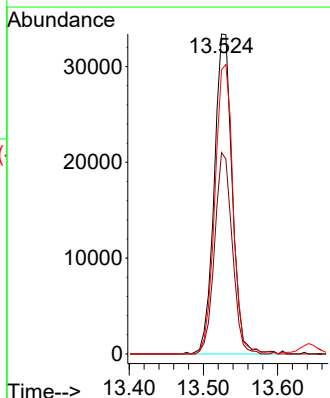
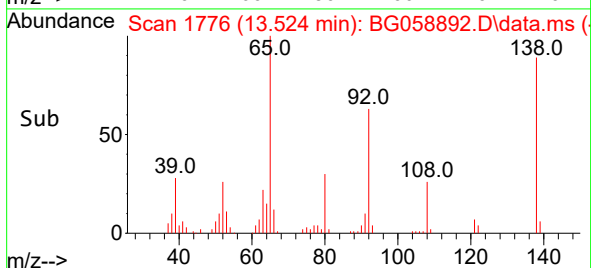
08/30/2023

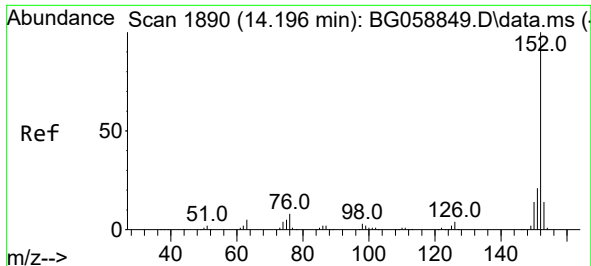


#48
2-Nitroaniline
Concen: 45.355 ng
RT: 13.524 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07



Tgt Ion: 65 Resp: 56210
Ion Ratio Lower Upper
65 100
92 63.0 50.7 76.1
138 88.8 70.7 106.1





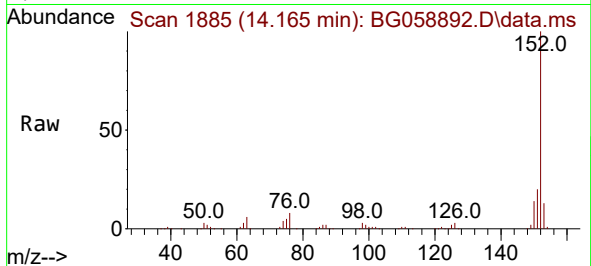
#49
Acenaphthylene
Concen: 46.871 ng
RT: 14.165 min Scan# 1885
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:152 Resp: 25364
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3
153 13.0 10.7 16.1

Manual Integrations
APPROVED

Reviewed By :Yogesh

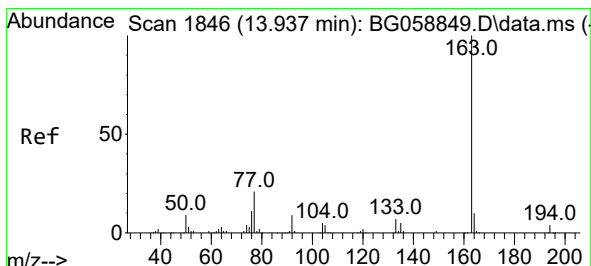
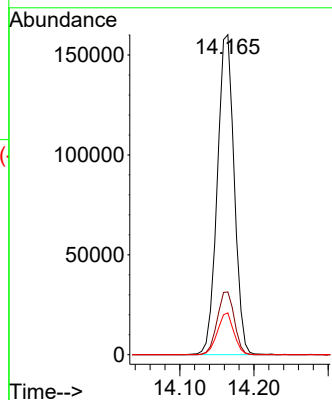
Patel

08/30/2023

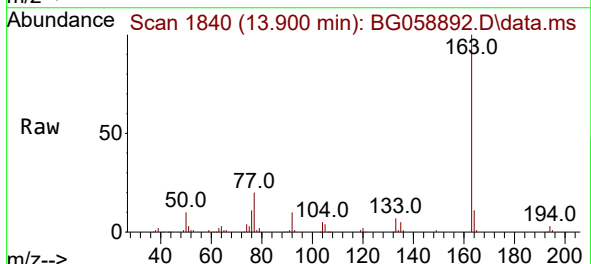
Supervised By :mohammad

ahmed

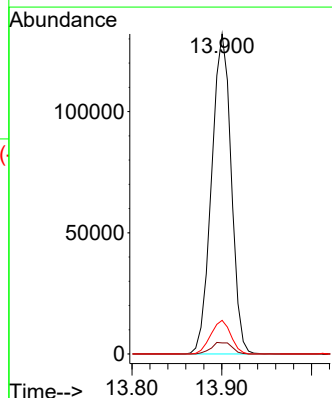
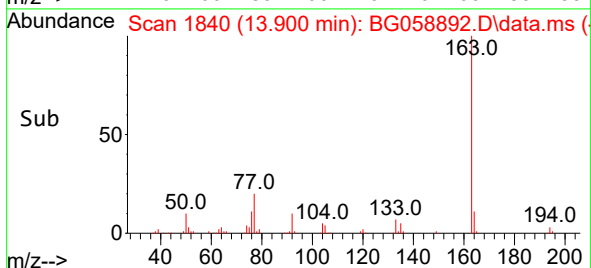
08/30/2023

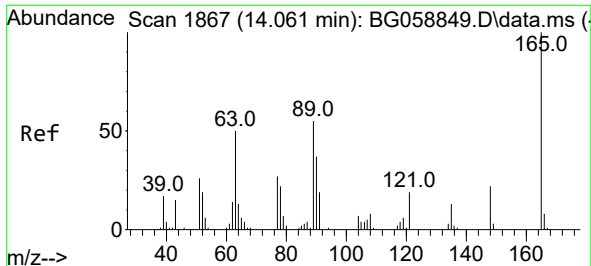


#50
Dimethylphthalate
Concen: 42.592 ng
RT: 13.900 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07



Tgt Ion:163 Resp: 200451
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.3 12.5





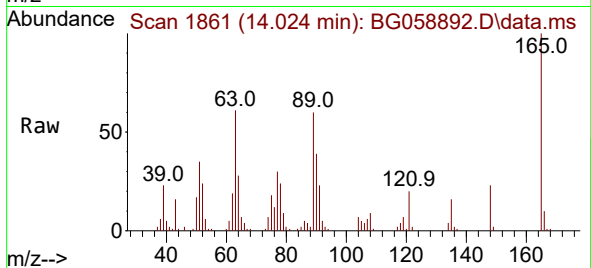
#51
2,6-Dinitrotoluene
Concen: 45.945 ng
RT: 14.024 min Scan# 1861
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:165 Resp: 45428
Ion Ratio Lower Upper
165 100
63 61.0 47.2 70.8
89 59.7 45.0 67.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

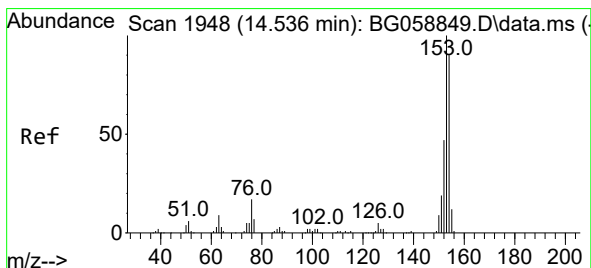
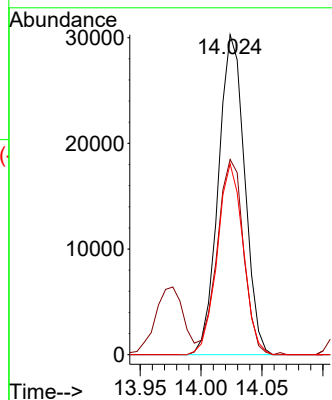
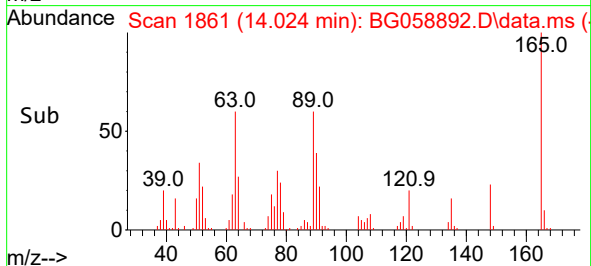
Patel

08/30/2023

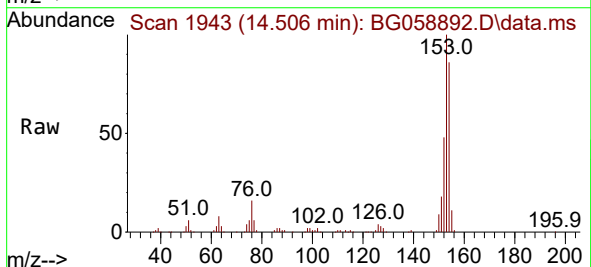
Supervised By :mohammad

ahmed

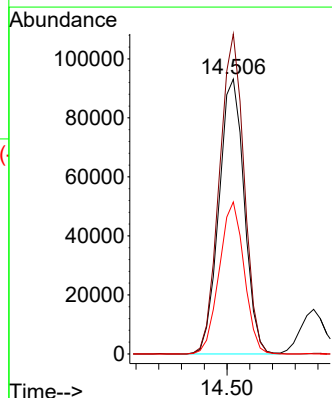
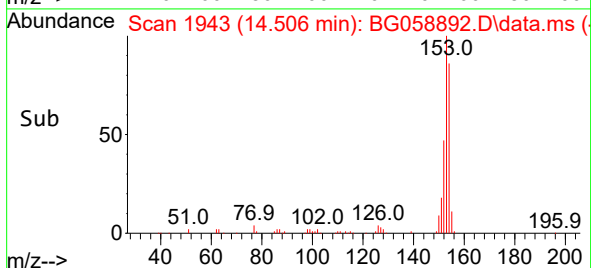
08/30/2023

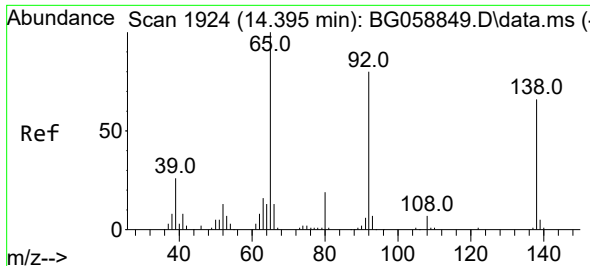


#52
Acenaphthene
Concen: 45.482 ng
RT: 14.506 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07



Tgt Ion:154 Resp: 143828
Ion Ratio Lower Upper
154 100
153 116.4 92.7 139.1
152 55.3 44.2 66.2





#53
3-Nitroaniline
Concen: 34.481 ng
RT: 14.359 min Scan# 1918
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:138 Resp: 3288
Ion Ratio Lower Upper
138 100
108 12.1 11.8 17.8
92 118.7 102.5 153.7

Manual Integrations
APPROVED

Reviewed By :Yogesh

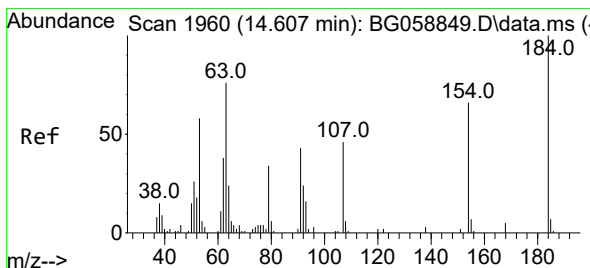
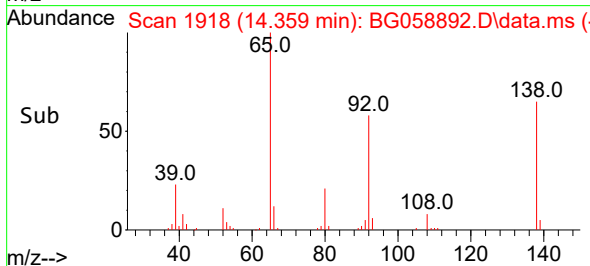
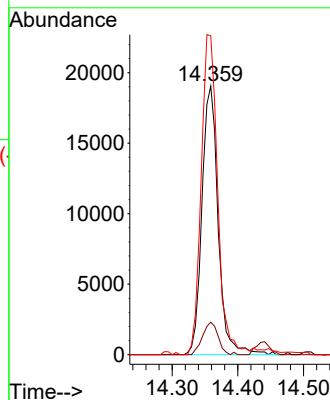
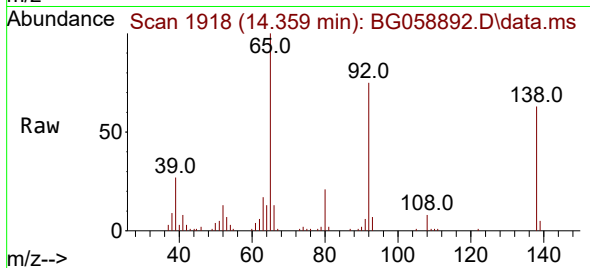
Patel

08/30/2023

Supervised By :mohammad

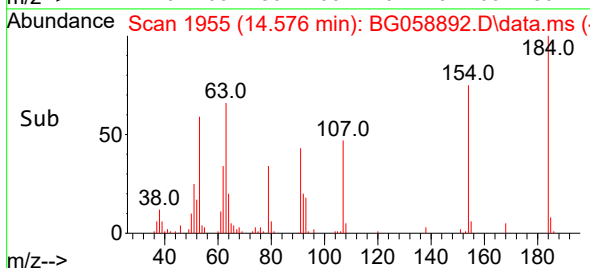
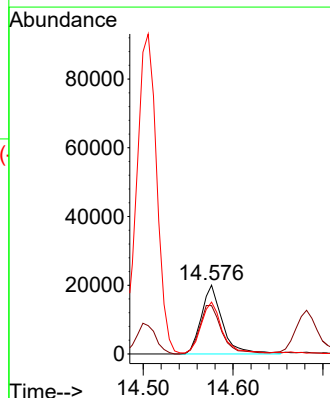
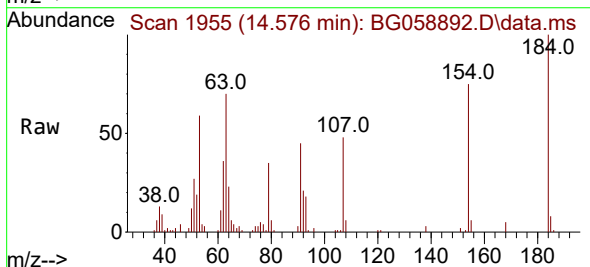
ahmed

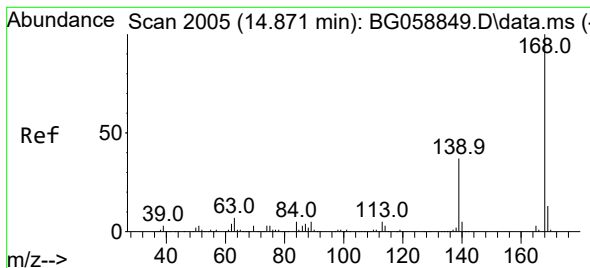
08/30/2023



#54
2,4-Dinitrophenol
Concen: 60.833 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:184 Resp: 32620
Ion Ratio Lower Upper
184 100
63 70.1 57.7 86.5
154 75.3 51.8 77.6





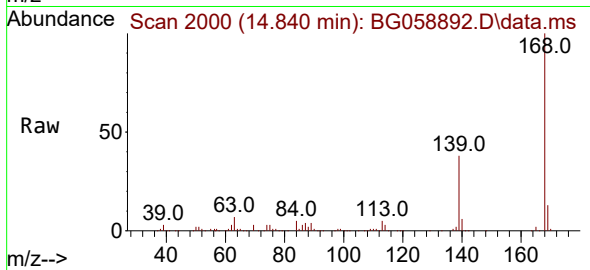
#55
Dibenzofuran
Concen: 45.021 ng
RT: 14.840 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:168 Resp: 245588
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh

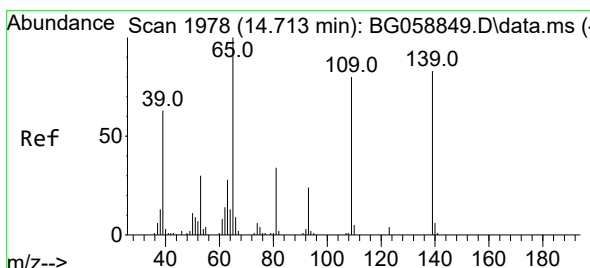
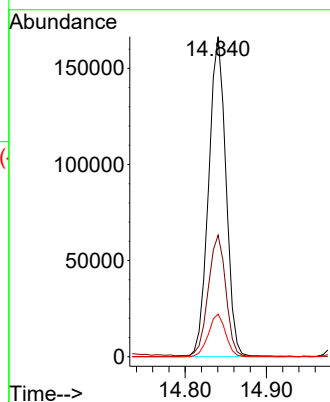
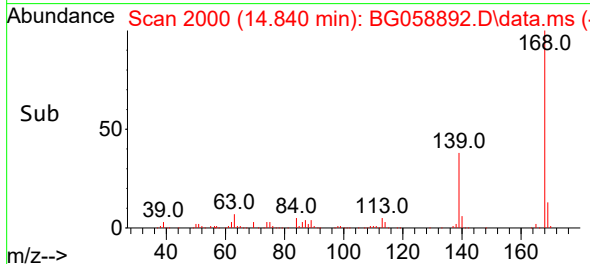
Patel

08/30/2023

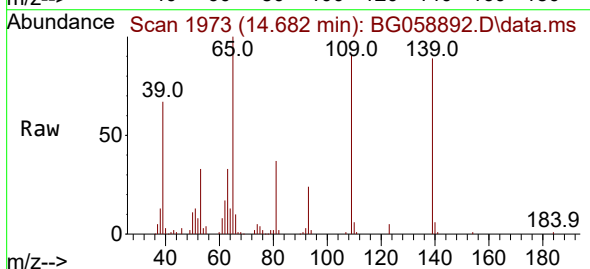
Supervised By :mohammad

ahmed

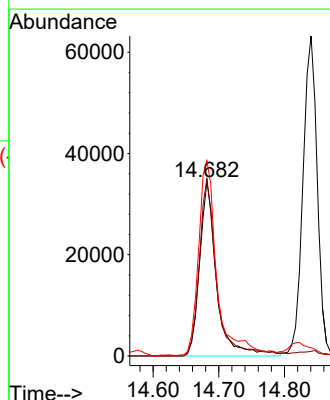
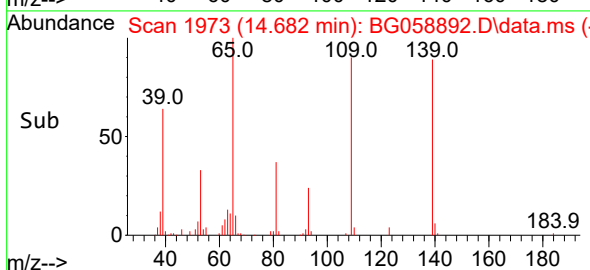
08/30/2023

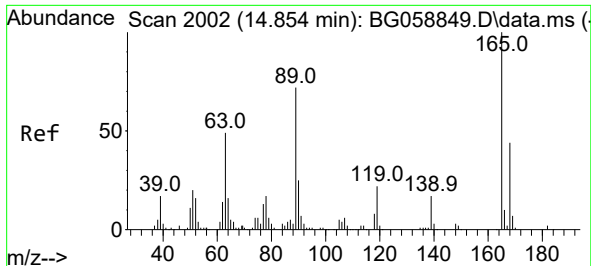


#56
4-Nitrophenol
Concen: 89.533 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07



Tgt Ion:139 Resp: 62156
Ion Ratio Lower Upper
139 100
109 101.6 71.9 111.9
65 111.9 100.7 140.7





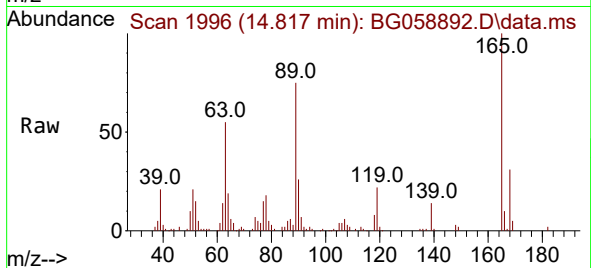
#57
2,4-Dinitrotoluene
Concen: 44.990 ng
RT: 14.817 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:165 Resp: 62045
Ion Ratio Lower Upper
165 100
63 54.8 41.8 62.6
89 74.8 60.7 91.1
182 1.7 2.1 3.1#

Manual Integrations
APPROVED

Reviewed By :Yogesh

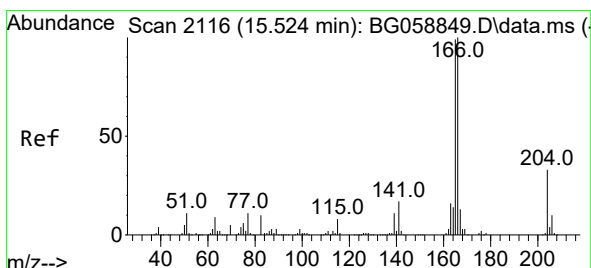
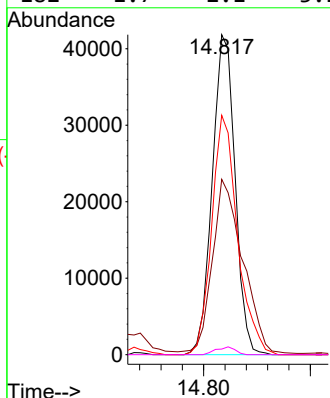
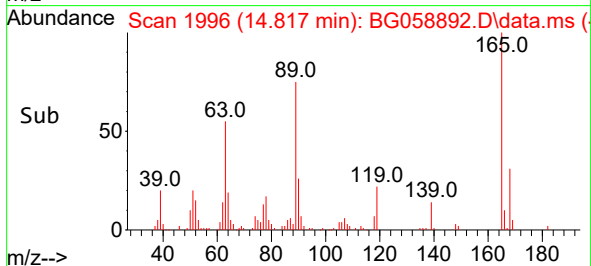
Patel

08/30/2023

Supervised By :mohammad

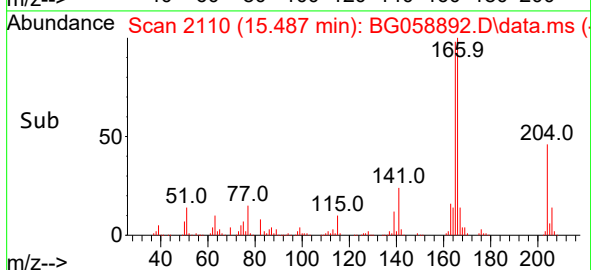
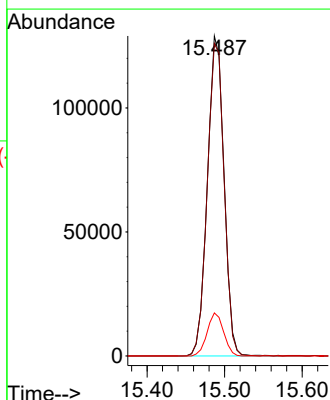
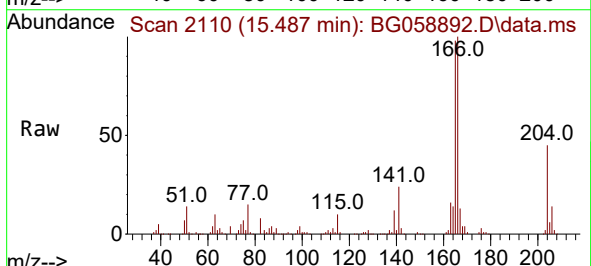
ahmed

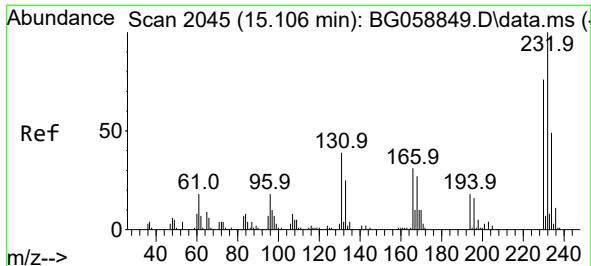
08/30/2023



#58
Fluorene
Concen: 44.216 ng
RT: 15.487 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

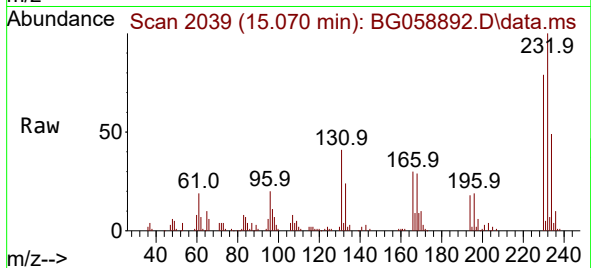
Tgt Ion:166 Resp: 191950
Ion Ratio Lower Upper
166 100
165 97.7 79.9 119.9
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.227 ng
RT: 15.070 min Scan# 2045
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

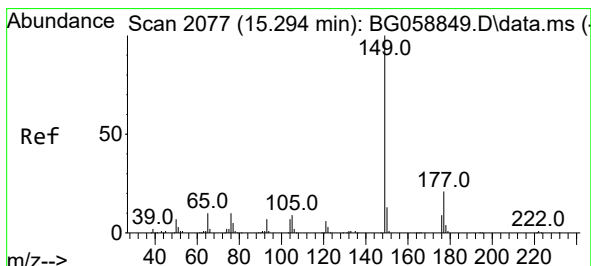
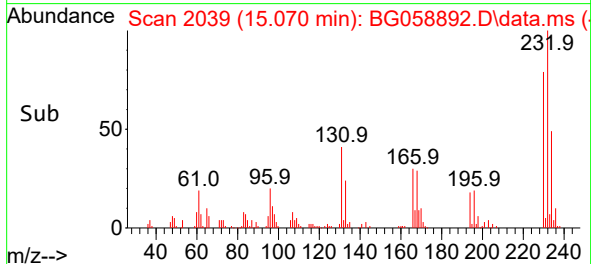
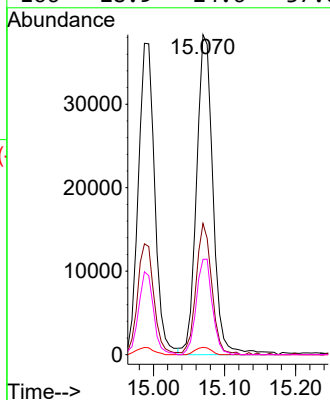


Tgt Ion:232 Resp: 62018
Ion Ratio Lower Upper
232 100
131 38.9 33.9 50.9
130 2.2 1.8 2.6
166 28.9 24.6 37.0

Manual Integrations
APPROVED

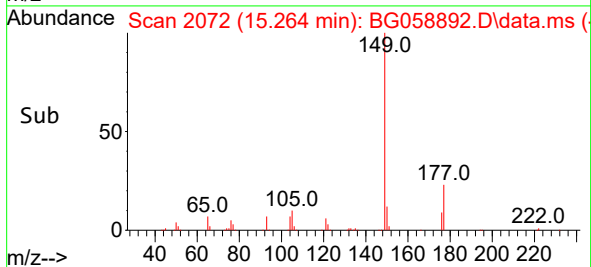
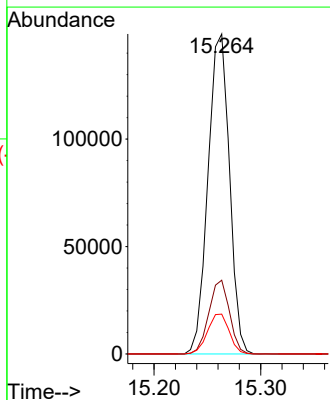
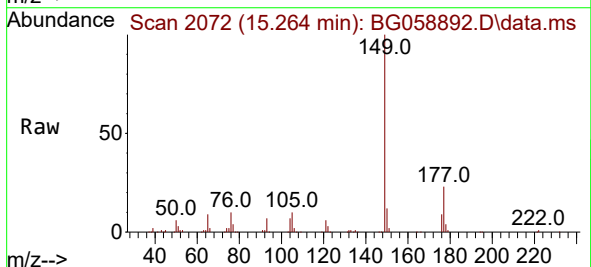
Reviewed By :Yogesh
Patel
08/30/2023

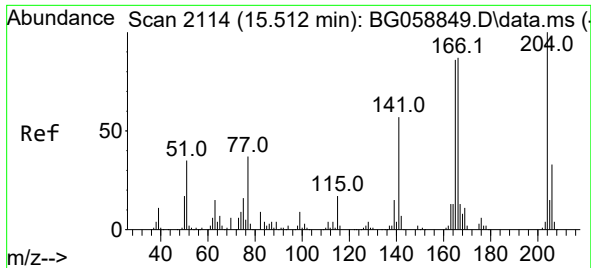
Supervised By :mohammad
ahmed
08/30/2023



#60
Diethylphthalate
Concen: 42.849 ng
RT: 15.264 min Scan# 2072
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

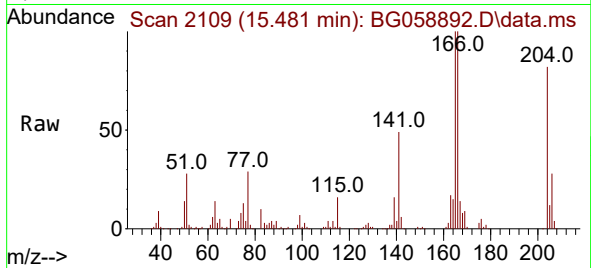
Tgt Ion:149 Resp: 207922
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.186 ng
RT: 15.481 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

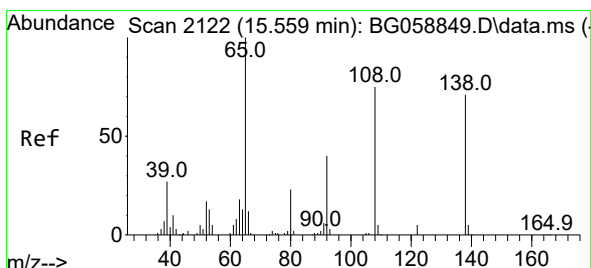
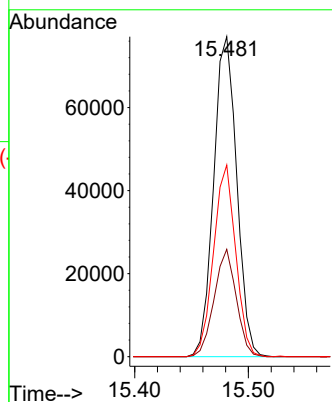


Tgt Ion:204 Resp: 108728
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 59.9 42.3 63.5

Manual Integrations
APPROVED

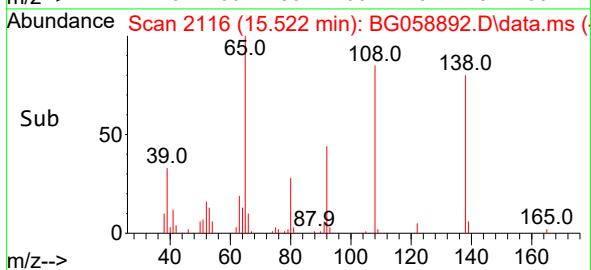
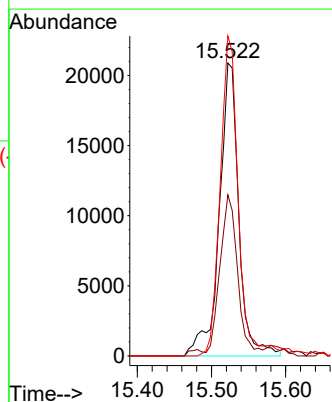
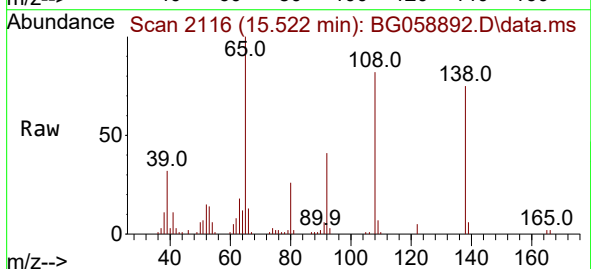
Reviewed By :Yogesh
Patel
08/30/2023

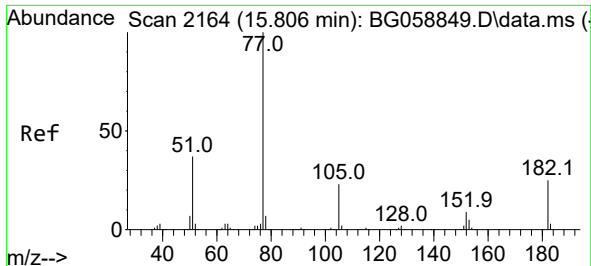
Supervised By :mohammad
ahmed
08/30/2023



#62
4-Nitroaniline
Concen: 39.364 ng
RT: 15.522 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:138 Resp: 38095
Ion Ratio Lower Upper
138 100
92 55.0 36.4 76.4
108 109.2 72.2 112.2





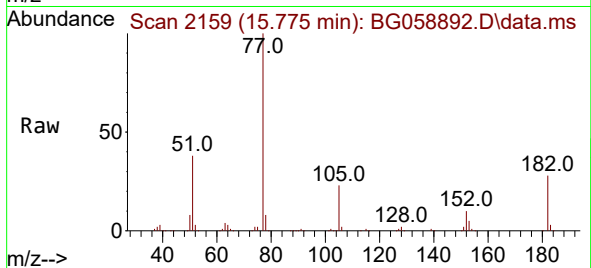
#63
Azobenzene
Concen: 41.513 ng
RT: 15.775 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion: 77 Resp: 18496
Ion Ratio Lower Upper
77 100
182 28.1 4.9 44.9
105 22.9 2.8 42.8
51 37.8 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh

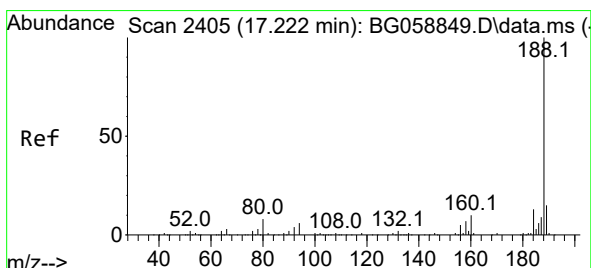
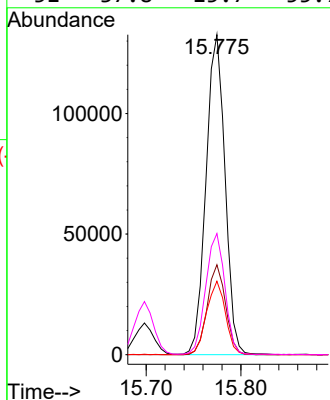
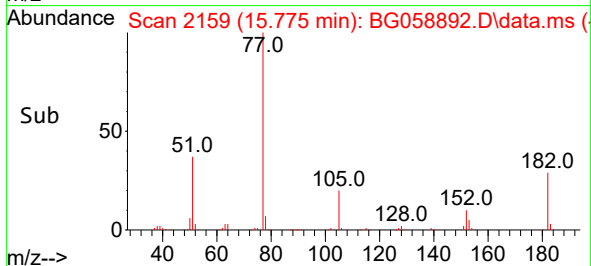
Patel

08/30/2023

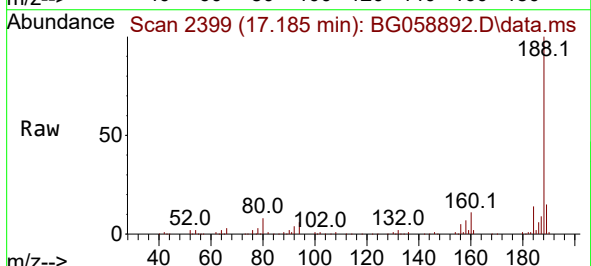
Supervised By :mohammad

ahmed

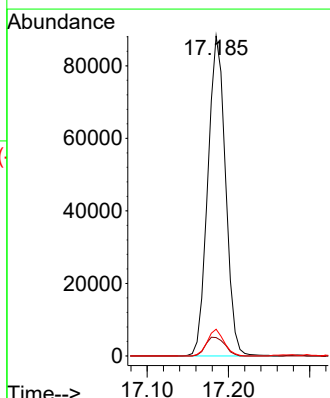
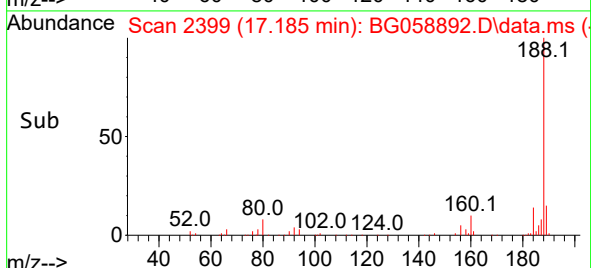
08/30/2023

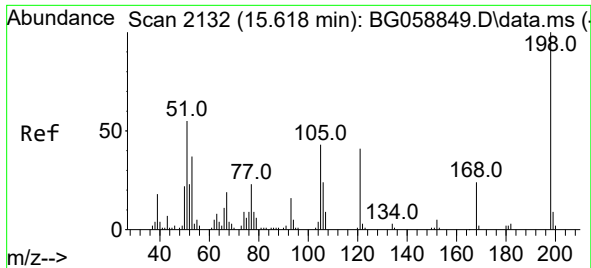


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.185 min Scan# 2399
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07



Tgt Ion:188 Resp: 133318
Ion Ratio Lower Upper
188 100
94 5.8 6.1 9.1#
80 8.3 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 37.609 ng
RT: 15.587 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:198 Resp: 2834
Ion Ratio Lower Upper
198 100
51 49.7 31.3 71.3
105 36.2 20.7 60.7

Manual Integrations
APPROVED

Reviewed By :Yogesh

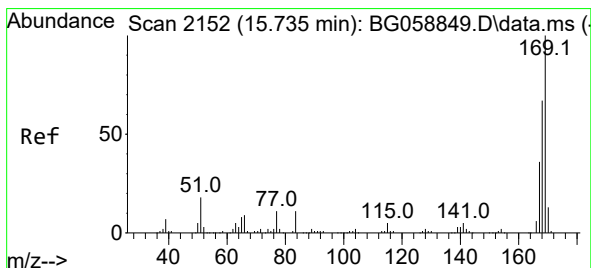
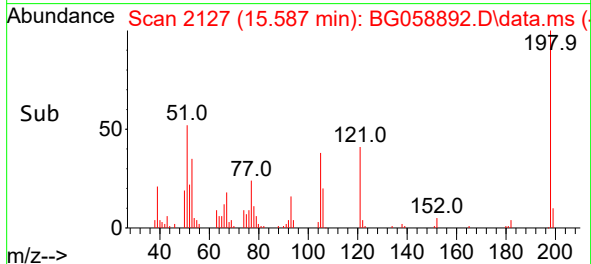
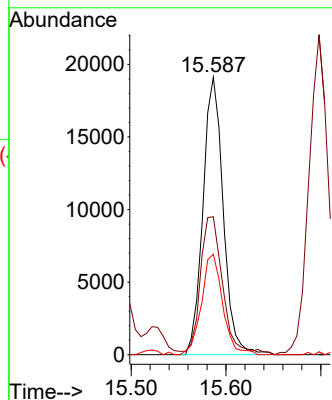
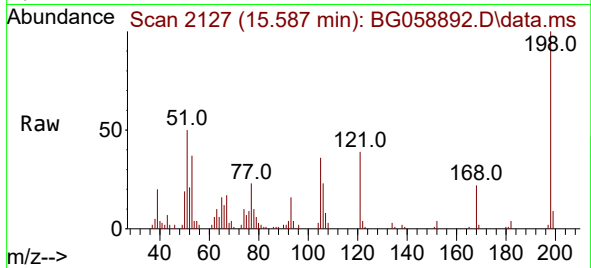
Patel

08/30/2023

Supervised By :mohammad

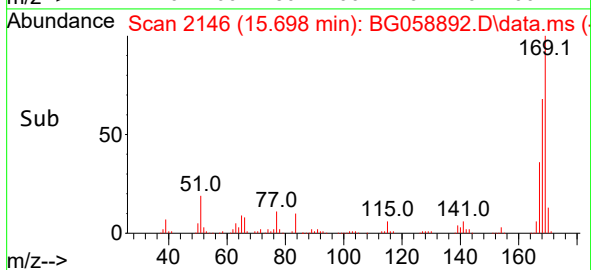
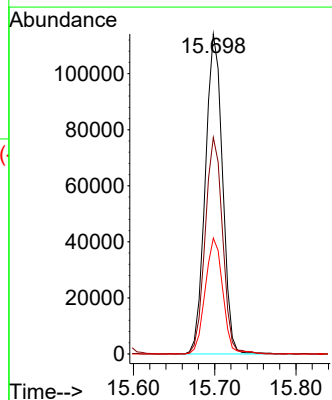
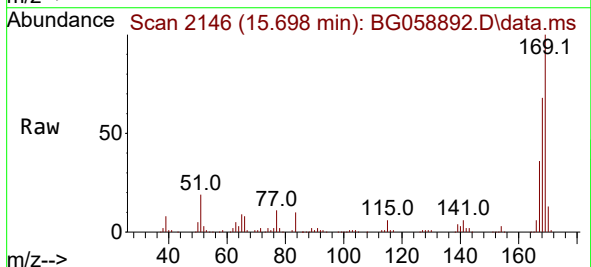
ahmed

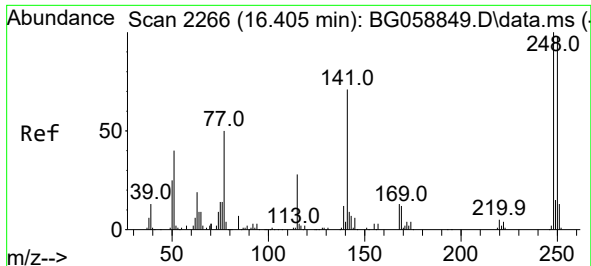
08/30/2023



#66
n-Nitrosodiphenylamine
Concen: 48.704 ng
RT: 15.698 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

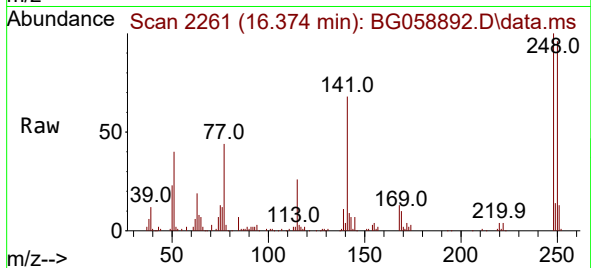
Tgt Ion:169 Resp: 167352
Ion Ratio Lower Upper
169 100
168 67.6 54.4 81.6
167 36.2 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 49.136 ng
RT: 16.374 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

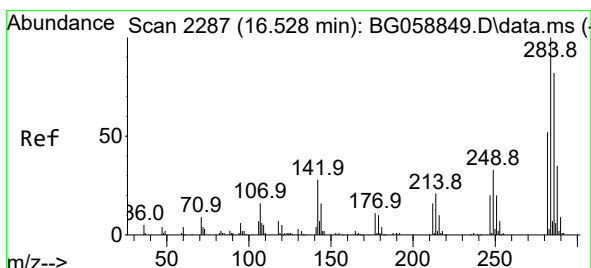
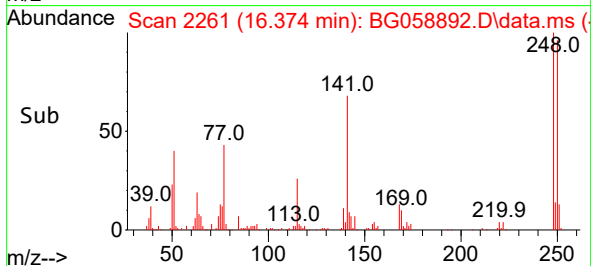
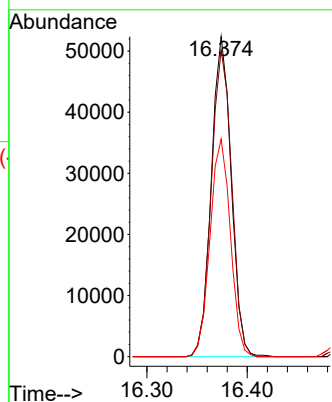


Tgt Ion:248 Resp: 71884
Ion Ratio Lower Upper
248 100
250 95.9 77.7 116.5
141 68.0 53.6 80.4

Manual Integrations
APPROVED

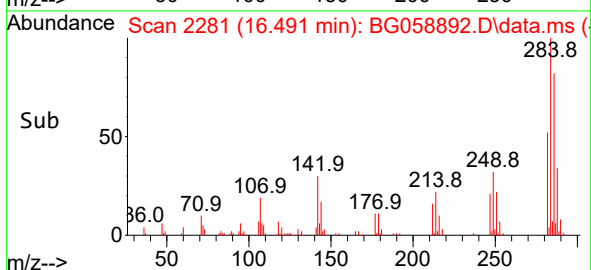
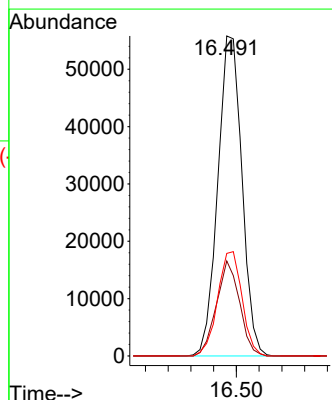
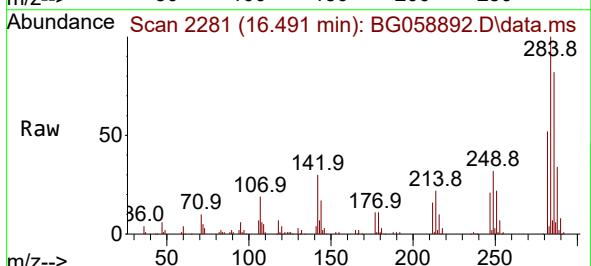
Reviewed By :Yogesh
Patel
08/30/2023

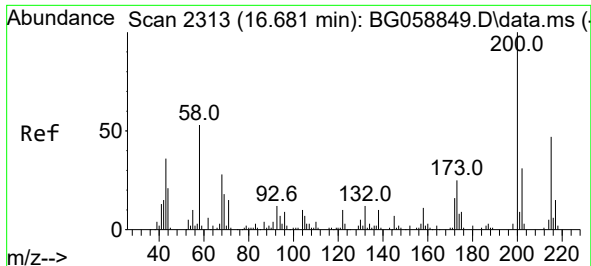
Supervised By :mohammad
ahmed
08/30/2023



#68
Hexachlorobenzene
Concen: 52.223 ng
RT: 16.491 min Scan# 2281
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:284 Resp: 82227
Ion Ratio Lower Upper
284 100
142 29.7 22.0 33.0
249 32.0 27.2 40.8





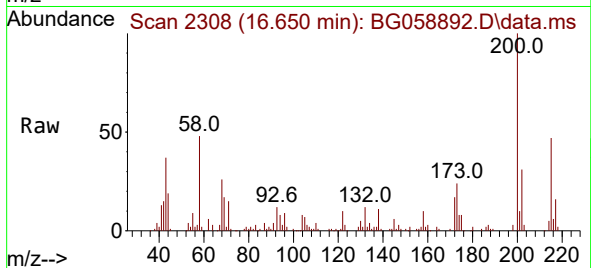
#69
 Atrazine
 Concen: 56.118 ng
 RT: 16.650 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058892.D
 Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:200 Resp: 6824
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.3 45.3
 215 46.7 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

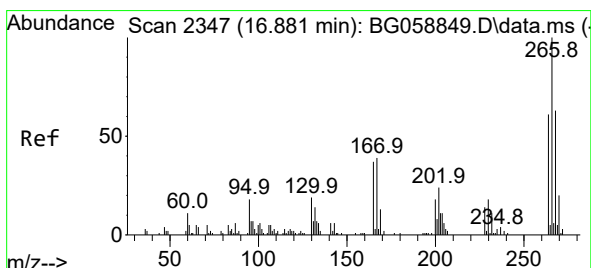
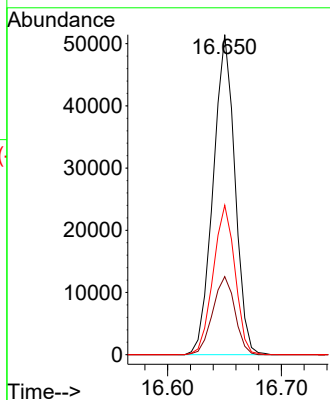
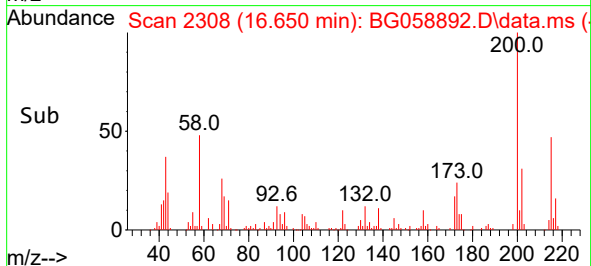
Patel

08/30/2023

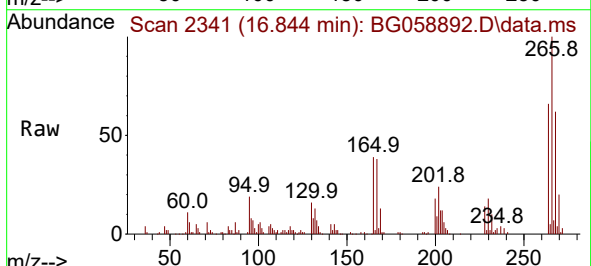
Supervised By :mohammad

ahmed

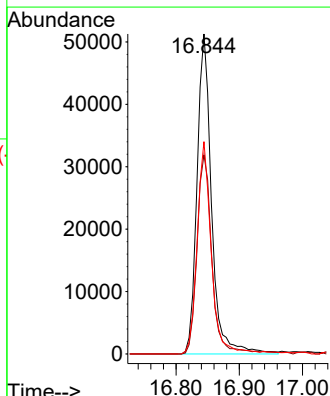
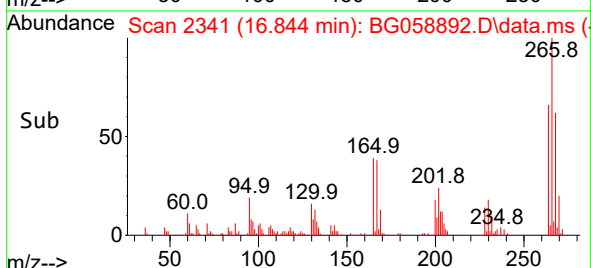
08/30/2023

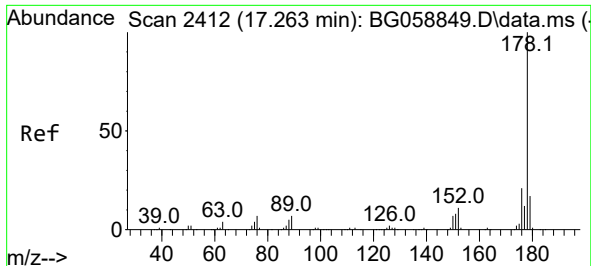


#70
 Pentachlorophenol
 Concen: 99.085 ng
 RT: 16.844 min Scan# 2341
 Delta R.T. 0.001 min
 Lab File: BG058892.D
 Acq: 29 Aug 2023 18:07



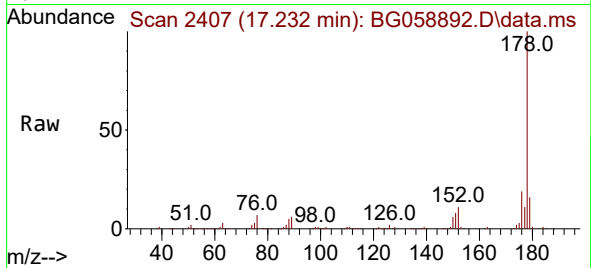
Tgt Ion:266 Resp: 81808
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.7 79.1
 264 66.3 49.5 74.3





#71
Phenanthrene
Concen: 49.039 ng
RT: 17.232 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

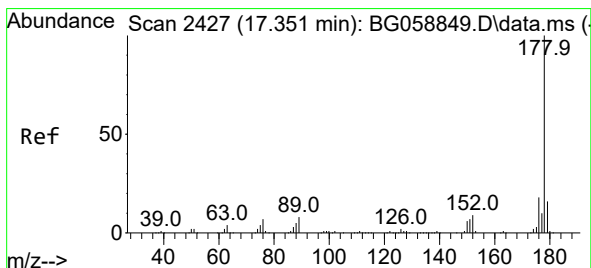
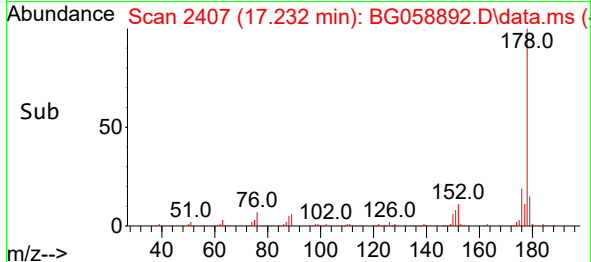
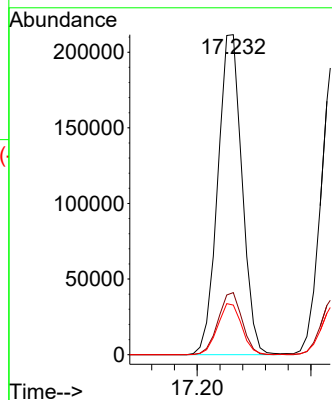


Tgt Ion:178 Resp: 313862
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 13.0 19.4

Manual Integrations
APPROVED

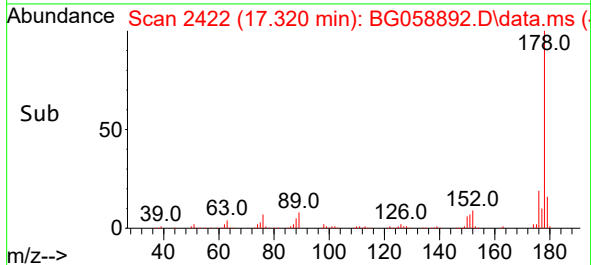
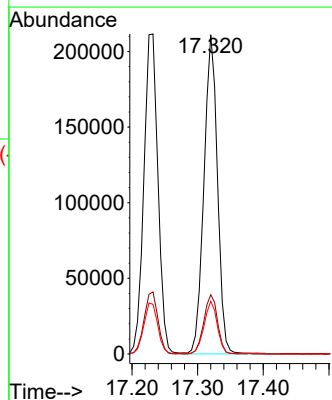
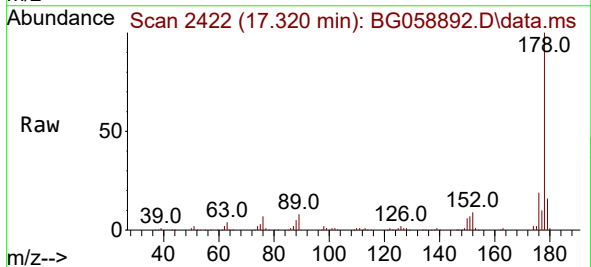
Reviewed By :Yogesh
Patel
08/30/2023

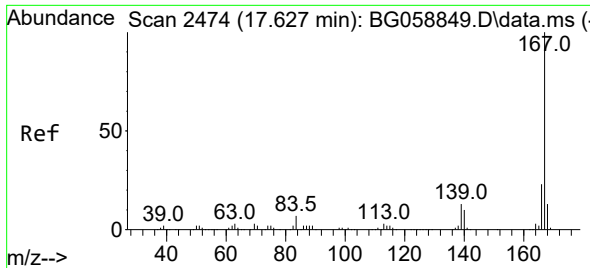
Supervised By :mohammad
ahmed
08/30/2023



#72
Anthracene
Concen: 47.123 ng
RT: 17.320 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:178 Resp: 302486
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 16.5 12.9 19.3





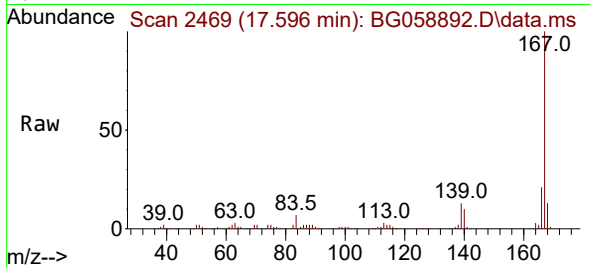
#73
 Carbazole
 Concen: 46.739 ng
 RT: 17.596 min Scan# 2474
 Delta R.T. 0.001 min
 Lab File: BG058892.D
 Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:167 Resp: 274740
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

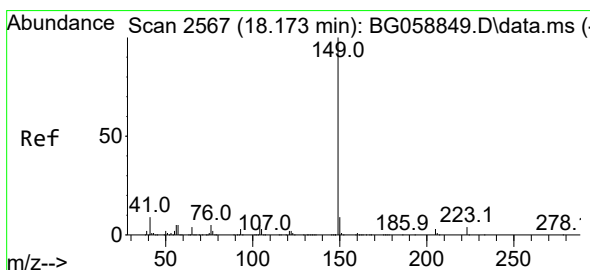
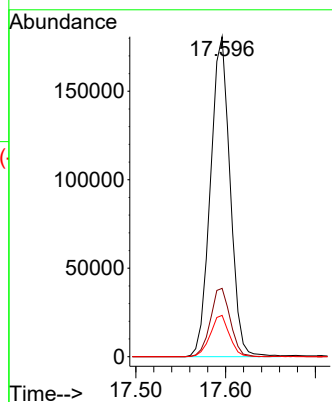
Patel

08/30/2023

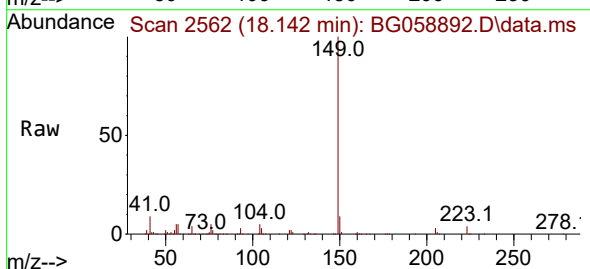
Supervised By :mohammad

ahmed

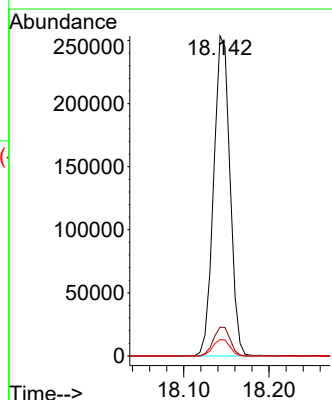
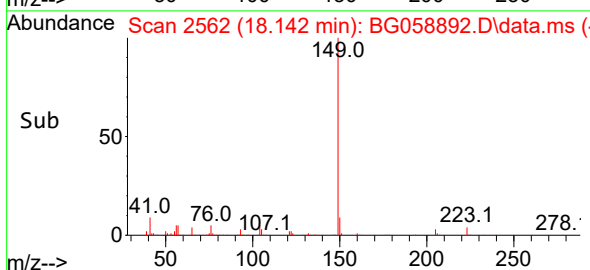
08/30/2023

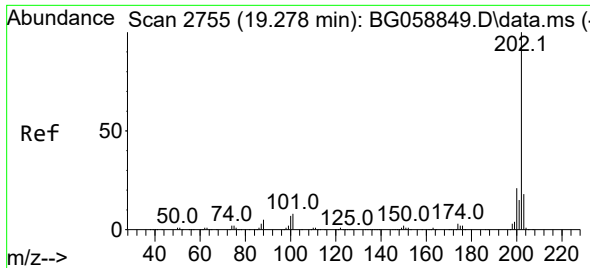


#74
 Di-n-butylphthalate
 Concen: 45.590 ng
 RT: 18.142 min Scan# 2562
 Delta R.T. 0.001 min
 Lab File: BG058892.D
 Acq: 29 Aug 2023 18:07



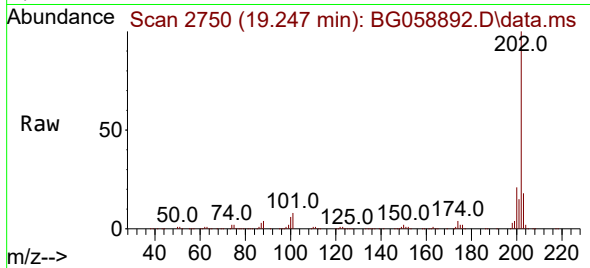
Tgt Ion:149 Resp: 338063
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 48.380 ng
RT: 19.247 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

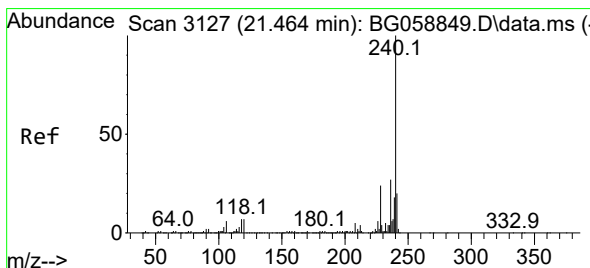
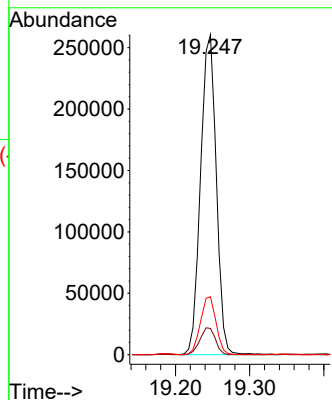


Tgt Ion:202 Resp: 383980
Ion Ratio Lower Upper
202 100
101 8.2 0.0 29.7
203 18.1 0.0 38.7

Manual Integrations
APPROVED

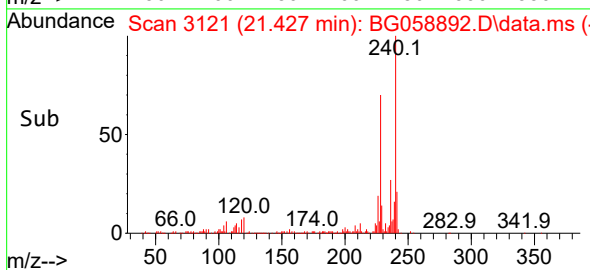
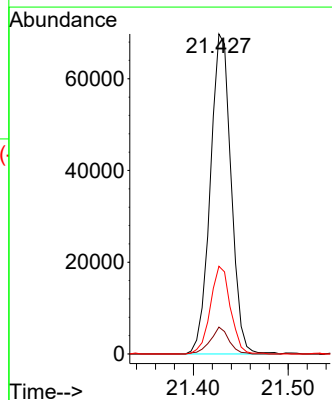
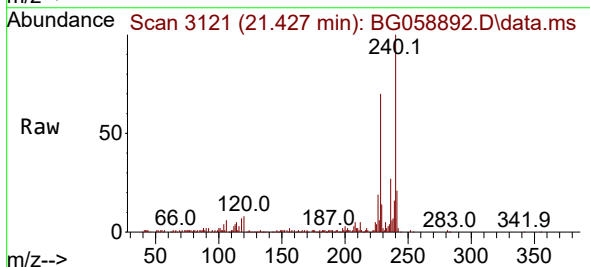
Reviewed By :Yogesh
Patel
08/30/2023

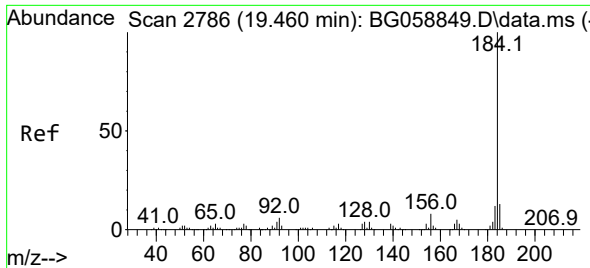
Supervised By :mohammad
ahmed
08/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

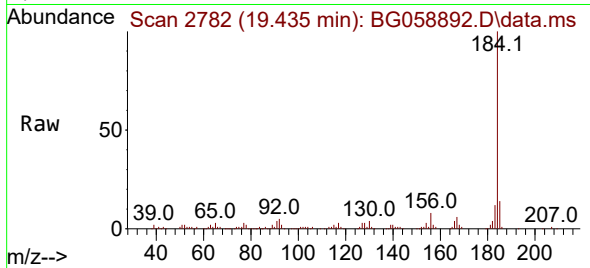
Tgt Ion:240 Resp: 106194
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 27.4 20.5 30.7





#77
Benzidine
Concen: 69.933 ng
RT: 19.435 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

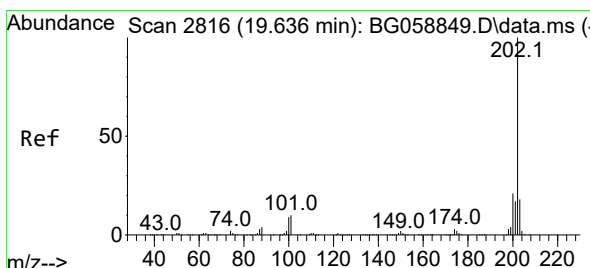
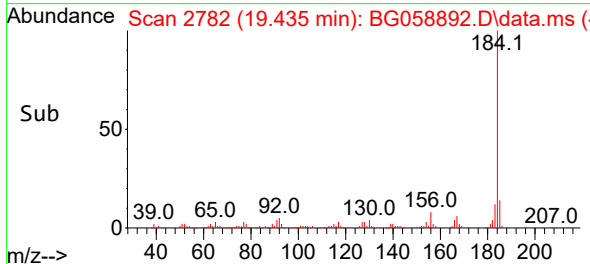
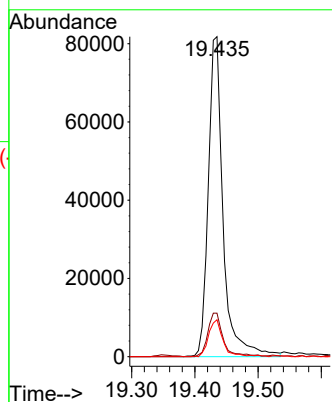


Tgt Ion:184 Resp: 13309
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 11.6 10.0 15.0

Manual Integrations
APPROVED

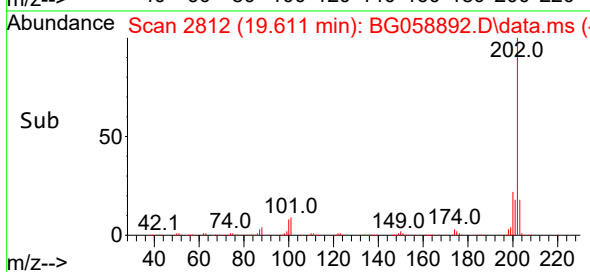
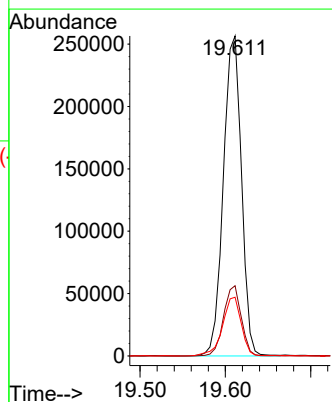
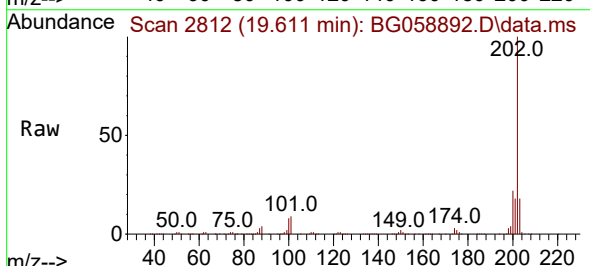
Reviewed By :Yogesh
Patel
08/30/2023

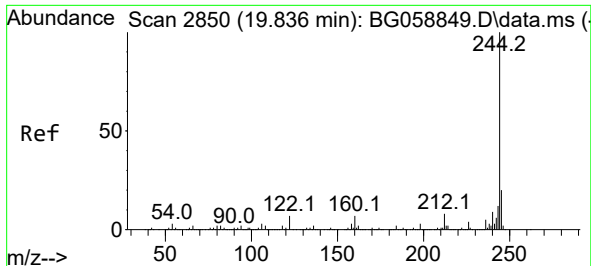
Supervised By :mohammad
ahmed
08/30/2023



#78
Pyrene
Concen: 51.154 ng
RT: 19.611 min Scan# 2812
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:202 Resp: 378500
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 18.4 15.3 22.9





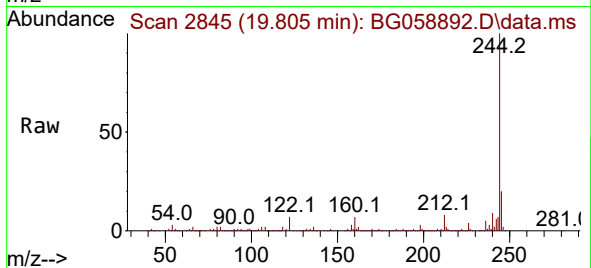
#79
 Terphenyl-d14
 Concen: 65.559 ng
 RT: 19.805 min Scan# 2845
 Delta R.T. 0.001 min
 Lab File: BG058892.D
 Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD



Tgt Ion:244 Resp: 387725
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 6.8 6.3 9.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh

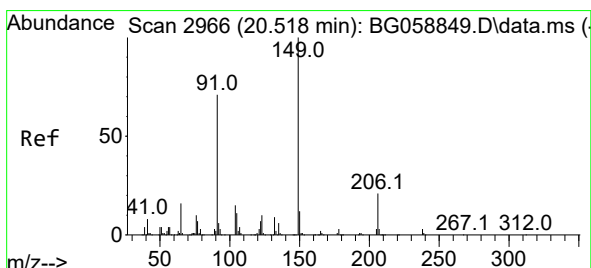
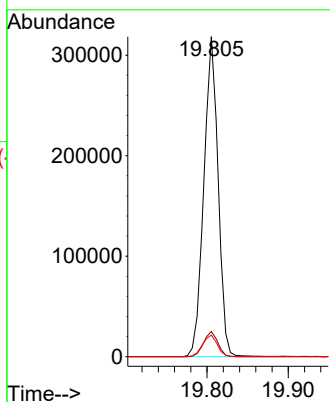
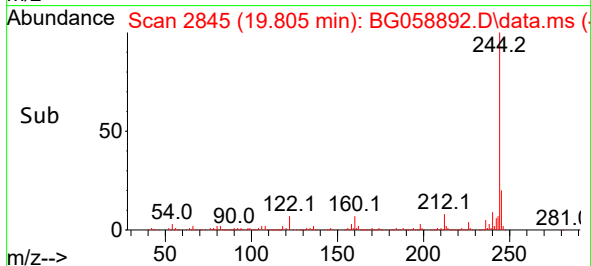
Patel

08/30/2023

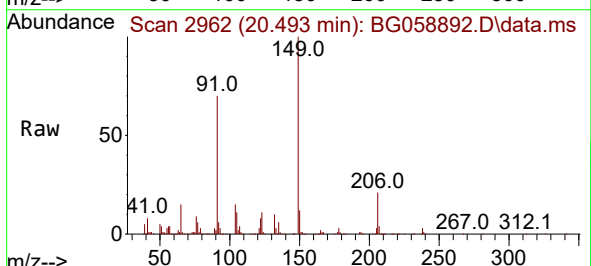
Supervised By :mohammad

ahmed

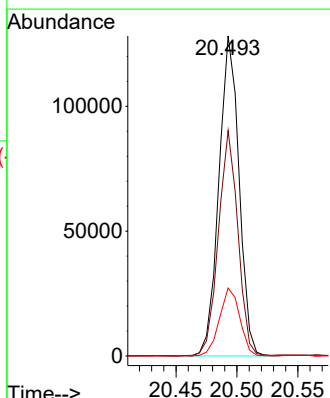
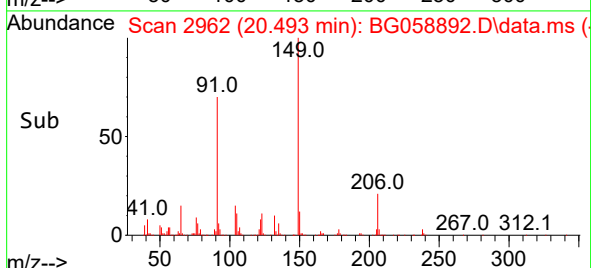
08/30/2023

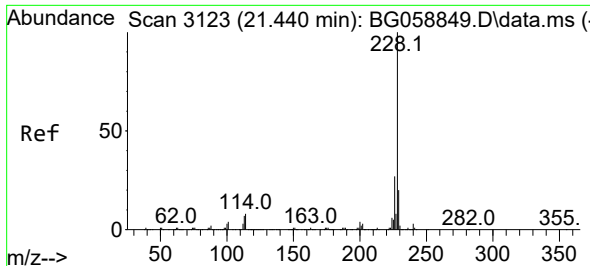


#80
 Butylbenzylphthalate
 Concen: 49.207 ng
 RT: 20.493 min Scan# 2962
 Delta R.T. 0.001 min
 Lab File: BG058892.D
 Acq: 29 Aug 2023 18:07



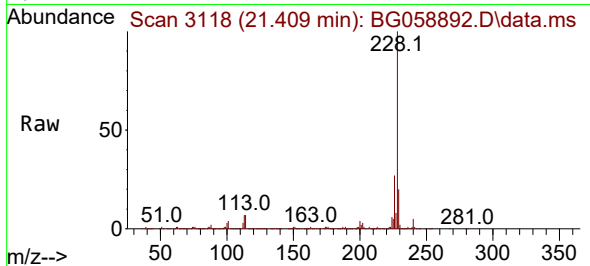
Tgt Ion:149 Resp: 147666
 Ion Ratio Lower Upper
 149 100
 91 70.5 55.0 82.4
 206 21.3 17.6 26.4





#81
Benzo(a)anthracene
Concen: 48.352 ng
RT: 21.409 min Scan# 3118
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

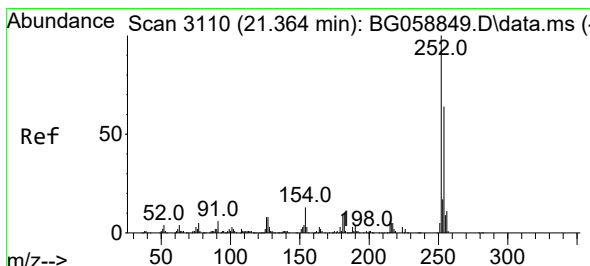
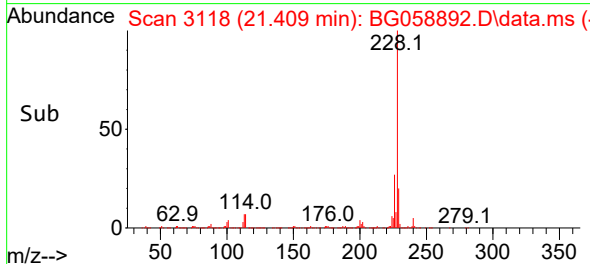
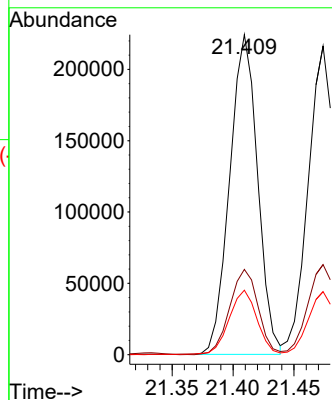


Tgt Ion:228 Resp: 357424
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 20.1 16.8 25.2

Manual Integrations
APPROVED

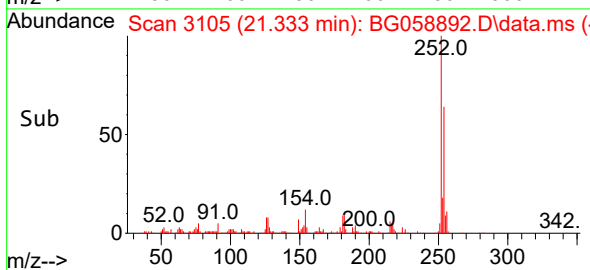
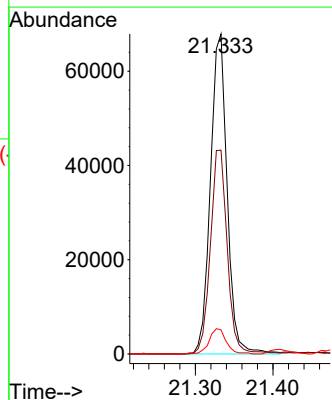
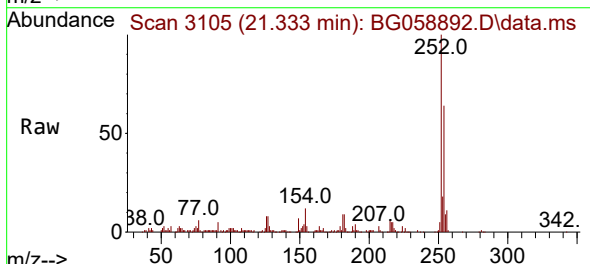
Reviewed By :Yogesh
Patel
08/30/2023

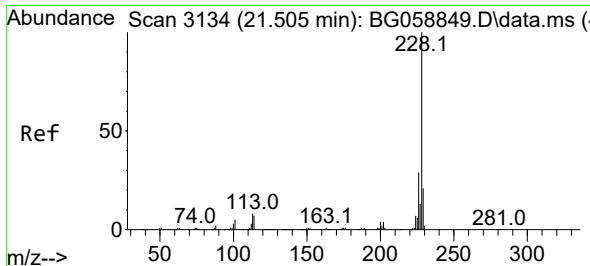
Supervised By :mohammad
ahmed
08/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.850 ng
RT: 21.333 min Scan# 3105
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

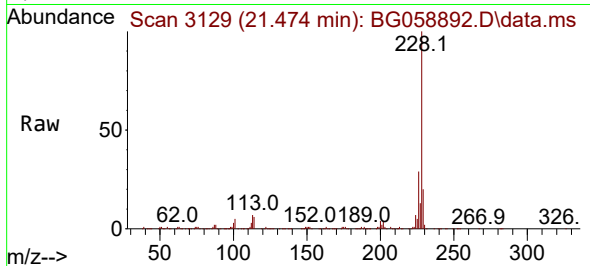
Tgt Ion:252 Resp: 101701
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 7.6 6.6 9.8





#83
Chrysene
Concen: 46.506 ng
RT: 21.474 min Scan# 3113
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

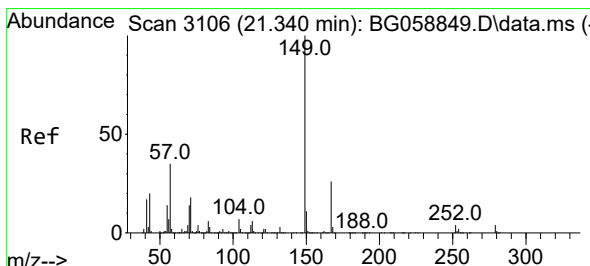
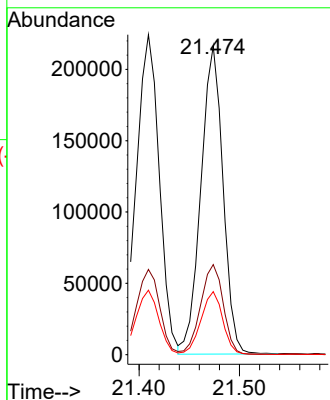
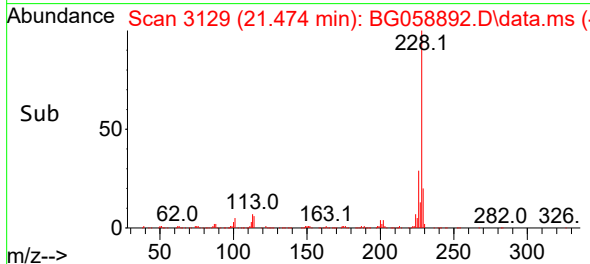


Tgt Ion:228 Resp: 33135
Ion Ratio Lower Upper
228 100
226 29.2 24.4 36.6
229 20.4 16.3 24.5

Manual Integrations
APPROVED

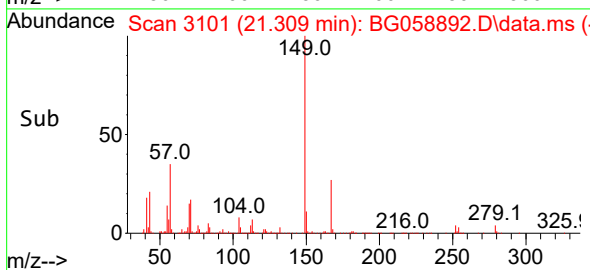
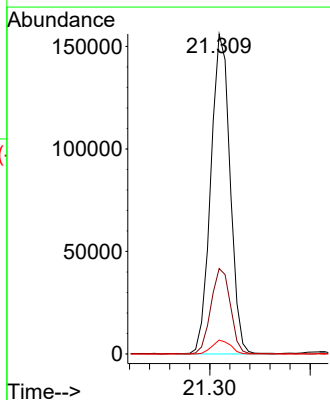
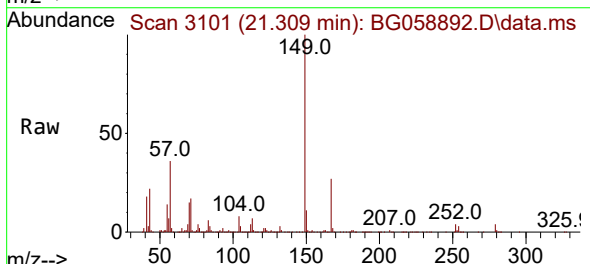
Reviewed By :Yogesh
Patel
08/30/2023

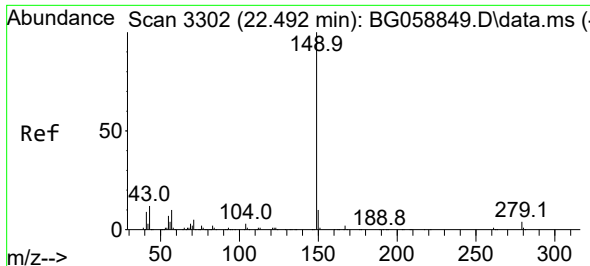
Supervised By :mohammad
ahmed
08/30/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.409 ng
RT: 21.309 min Scan# 3101
Delta R.T. 0.001 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

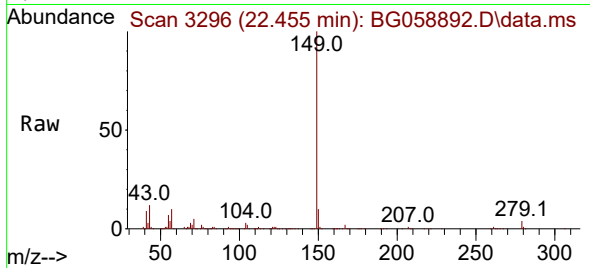
Tgt Ion:149 Resp: 208661
Ion Ratio Lower Upper
149 100
167 26.7 21.7 32.5
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 47.953 ng
RT: 22.455 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

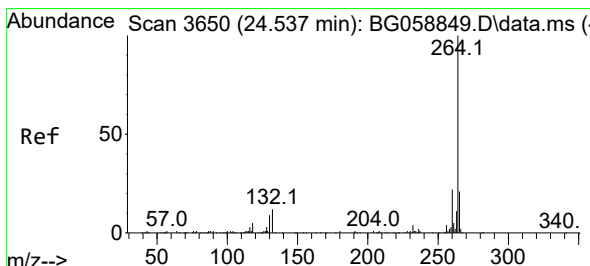
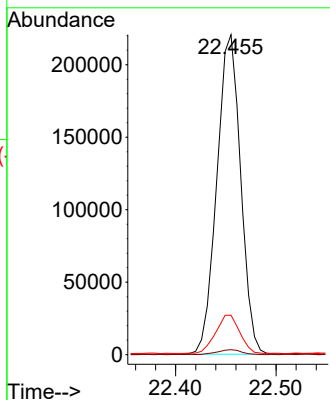
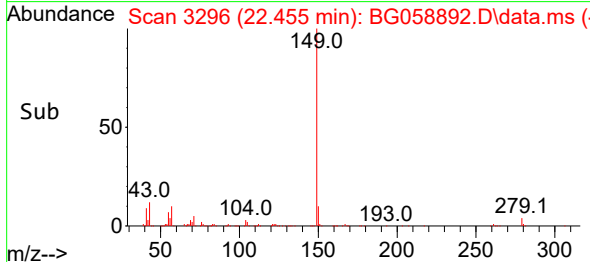


Tgt Ion:149 Resp: 363015
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 9.7 14.5

Manual Integrations
APPROVED

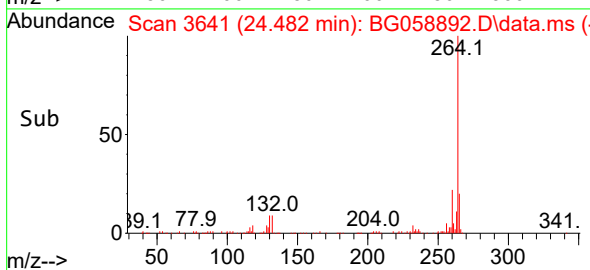
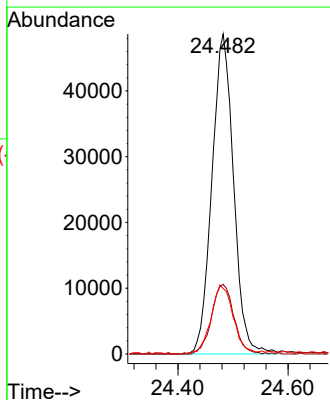
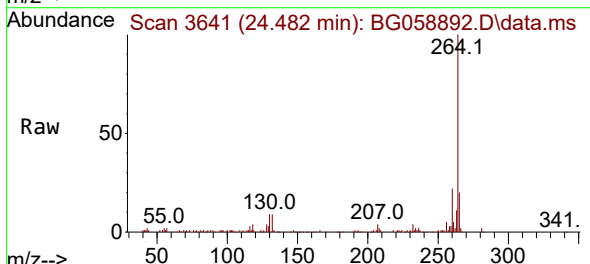
Reviewed By :Yogesh
Patel
08/30/2023

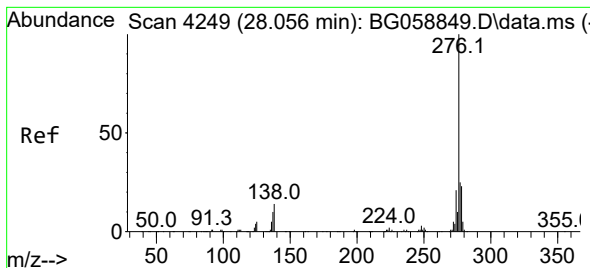
Supervised By :mohammad
ahmed
08/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.482 min Scan# 3641
Delta R.T. 0.013 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:264 Resp: 132943
Ion Ratio Lower Upper
264 100
260 21.7 18.2 27.2
265 20.5 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.998 ng

RT: 27.978 min Scan# 41

Delta R.T. 0.025 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:276 Resp: 413730

Ion Ratio Lower Upper

276 100

138 15.8 6.2 9.2

277 24.1 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

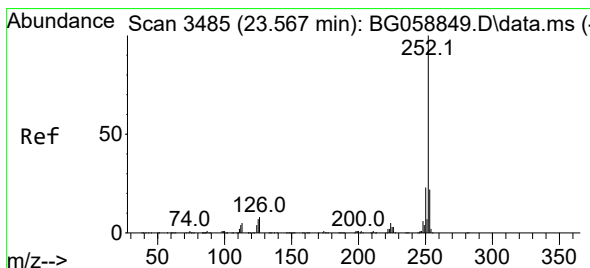
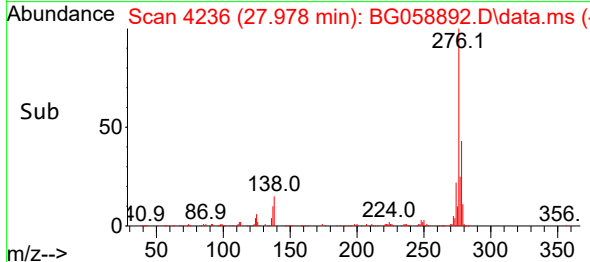
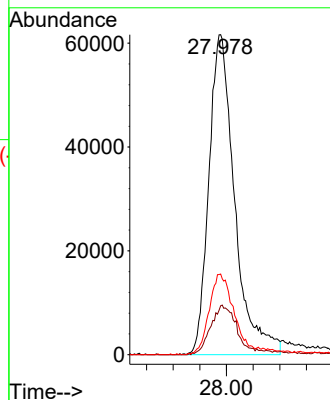
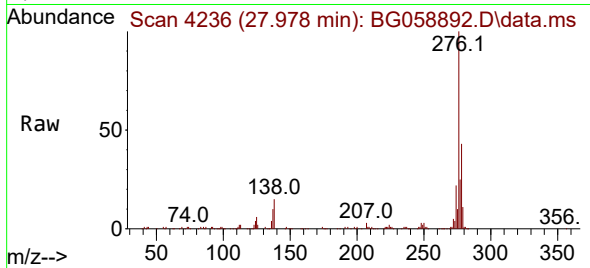
Patel

08/30/2023

Supervised By :mohammad

ahmed

08/30/2023



#88

Benzo(b)fluoranthene

Concen: 50.595 ng

RT: 23.519 min Scan# 3477

Delta R.T. 0.013 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

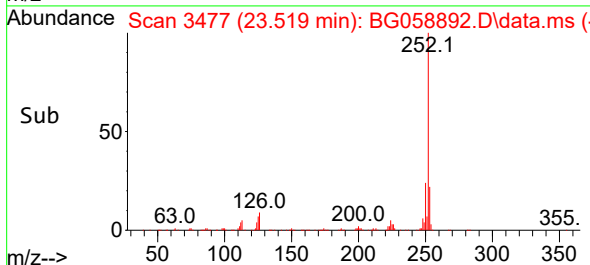
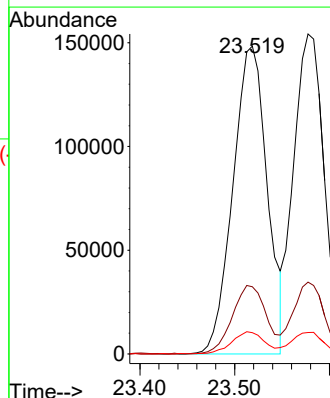
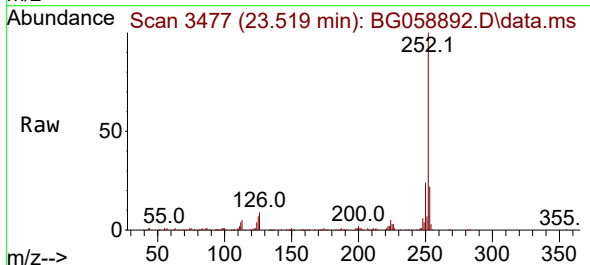
Tgt Ion:252 Resp: 373209

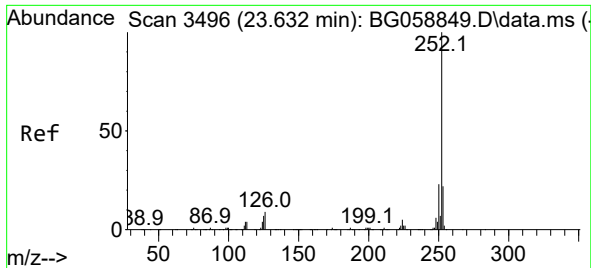
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

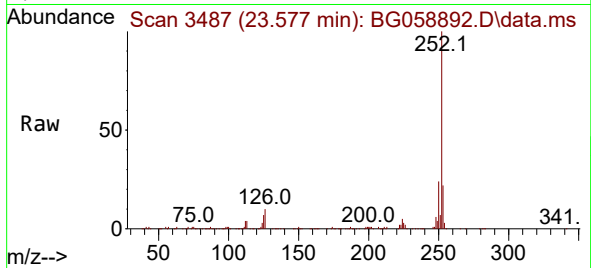
125 6.9 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 45.735 ng
RT: 23.577 min Scan# 3496
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

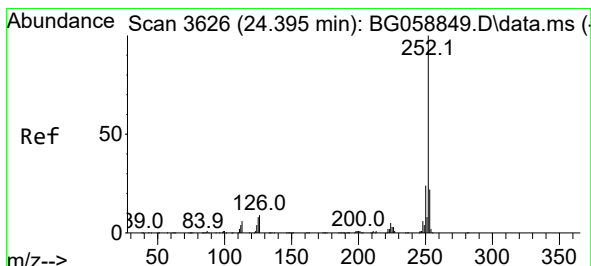
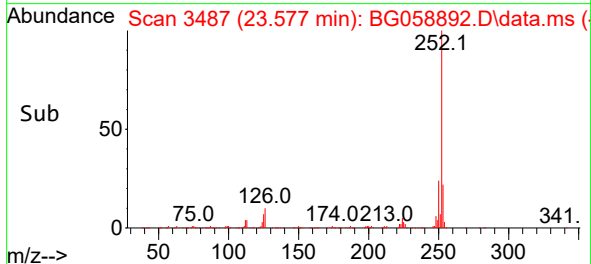
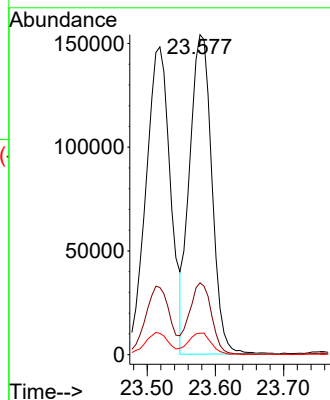


Tgt Ion:252 Resp: 347914
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 6.7 6.3 9.5

Manual Integrations
APPROVED

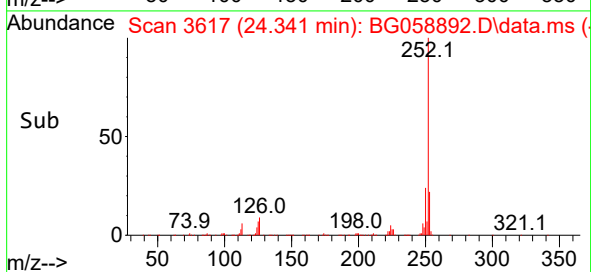
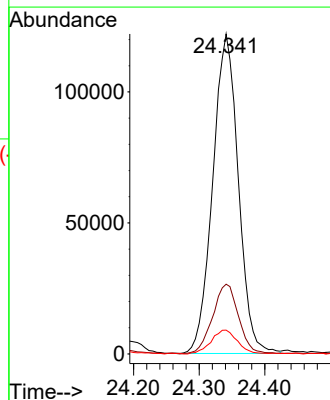
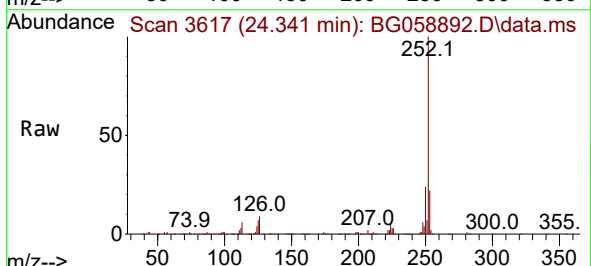
Reviewed By :Yogesh
Patel
08/30/2023

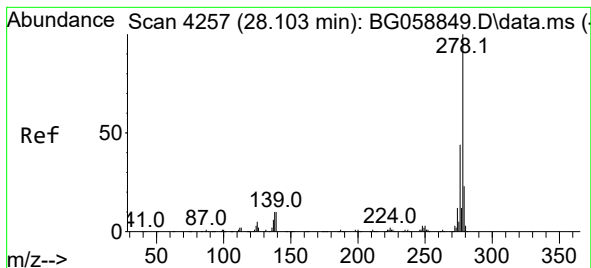
Supervised By :mohammad
ahmed
08/30/2023



#90
Benzo(a)pyrene
Concen: 45.442 ng
RT: 24.341 min Scan# 3617
Delta R.T. 0.007 min
Lab File: BG058892.D
Acq: 29 Aug 2023 18:07

Tgt Ion:252 Resp: 330048
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.4 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 46.237 ng

RT: 28.013 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:278 Resp: 341730

Ion Ratio Lower Upper

278 100

139 10.7 8.9 13.3

279 24.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

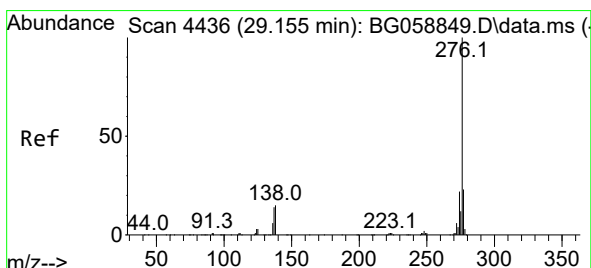
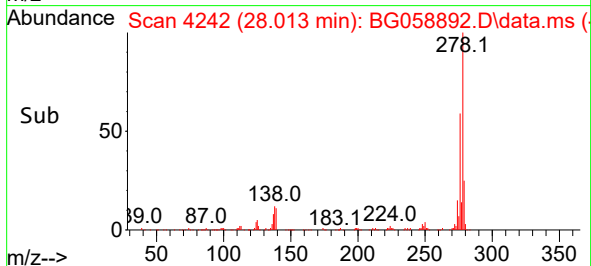
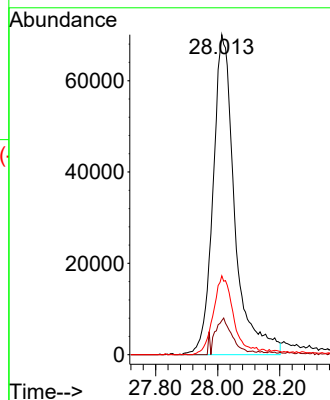
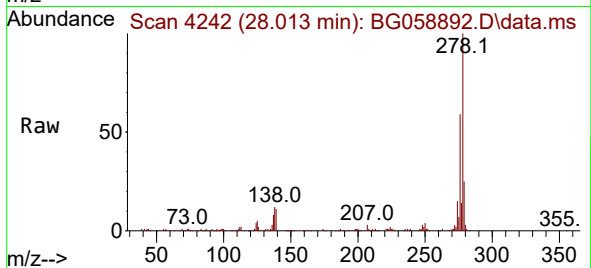
Patel

08/30/2023

Supervised By :mohammad

ahmed

08/30/2023



#92

Benzo(g,h,i)perylene

Concen: 42.497 ng

RT: 29.065 min Scan# 4421

Delta R.T. 0.019 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Tgt Ion:276 Resp: 314032

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 13.6 11.1 16.7

