

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
 Data File : BG059932.D
 Acq On : 2 Dec 2023 00:36
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 03:37:46 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 02 03:28:09 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	26390	20.000	ng	0.00
21) Naphthalene-d8	10.772	136	110945	20.000	ng	# 0.00
39) Acenaphthene-d10	14.602	164	133130	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	475216	20.000	ng	0.00
76) Chrysene-d12	21.622	240	749067	20.000	ng	# 0.00
86) Perylene-d12	24.812	264	926830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	102613	85.960	ng	0.00
7) Phenol-d6	7.112	99	160249	89.874	ng	0.00
23) Nitrobenzene-d5	9.121	82	276642	86.362	ng	0.00
42) 2,4,6-Tribromophenol	16.088	330	452437	93.359	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1118086	85.729	ng	0.00
79) Terphenyl-d14	19.971	244	3768558	84.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	18993	48.404	ng	94
3) Pyridine	3.834	79	48889m	42.884	ng	
4) n-Nitrosodimethylamine	3.746	42	47110	55.439	ng	# 75
6) Aniline	7.288	93	74888	41.402	ng	# 92
8) 2-Chlorophenol	7.529	128	55684	46.450	ng	95
9) Benzaldehyde	7.100	77	66423	48.154	ng	95
10) Phenol	7.141	94	77291	43.987	ng	91
11) bis(2-Chloroethyl)ether	7.382	93	48890	43.603	ng	95
12) 1,3-Dichlorobenzene	7.852	146	89027m	45.512	ng	
13) 1,4-Dichlorobenzene	8.005	146	89106	45.025	ng	99
14) 1,2-Dichlorobenzene	8.316	146	89306	45.301	ng	99
15) Benzyl Alcohol	8.193	79	102448	48.910	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.493	45	17600	47.744	ng	93
17) 2-Methylphenol	8.399	107	57130	45.056	ng	# 80
18) Hexachloroethane	9.051	117	41593	48.769	ng	83
19) n-Nitroso-di-n-propyla...	8.769	70	64103	44.332	ng	# 89
20) 3+4-Methylphenols	8.728	107	85234	46.100	ng	94
22) Acetophenone	8.786	105	154671	43.578	ng	# 94
24) Nitrobenzene	9.168	77	142229	45.648	ng	# 90
25) Isophorone	9.691	82	203821	42.659	ng	95
26) 2-Nitrophenol	9.879	139	42431	42.676	ng	97
27) 2,4-Dimethylphenol	9.932	122	49911	44.641	ng	# 80
28) bis(2-Chloroethoxy)met...	10.173	93	82353	42.256	ng	# 98
29) 2,4-Dichlorophenol	10.408	162	125842	43.785	ng	87
30) 1,2,4-Trichlorobenzene	10.631	180	200494	44.993	ng	93
31) Naphthalene	10.819	128	226470	40.582	ng	# 95
32) Benzoic acid	10.067	122	47898	42.286	ng	# 78
33) 4-Chloroaniline	10.925	127	86206	42.535	ng	97
34) Hexachlorobutadiene	11.107	225	251138	47.409	ng	97
35) Caprolactam	11.700	113	21206	42.503	ng	94
36) 4-Chloro-3-methylphenol	12.041	107	118528	46.862	ng	95
37) 2-Methylnaphthalene	12.428	142	226528	42.258	ng	93
38) 1-Methylnaphthalene	12.428	142	226528	43.254	ng	100
40) 1,2,4,5-Tetrachloroben...	12.793	216	420389	44.453	ng	99
41) Hexachlorocyclopentadiene	12.775	237	194422	43.245	ng	89
43) 2,4,6-Trichlorophenol	13.028	196	221425	44.648	ng	96

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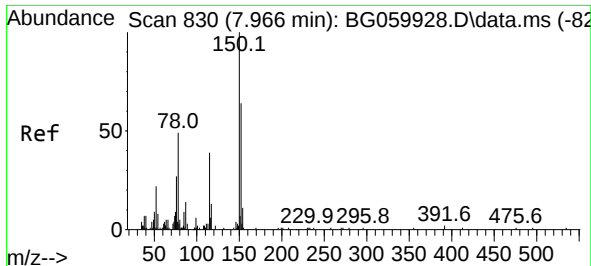
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 03:37:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 03:28:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	243764	44.284	ng	97
46) 1,1'-Biphenyl	13.439	154	390310	40.978	ng	98
47) 2-Chloronaphthalene	13.480	162	353754	40.908	ng	95
48) 2-Nitroaniline	13.680	65	75053	44.507	ng	86
49) Acenaphthylene	14.326	152	452013	41.405	ng	96
50) Dimethylphthalate	14.062	163	497738	43.247	ng	# 98
51) 2,6-Dinitrotoluene	14.173	165	95454	39.031	ng	95
52) Acenaphthene	14.667	154	351930m	42.538	ng	
53) 3-Nitroaniline	14.502	138	56201	39.041	ng	# 91
54) 2,4-Dinitrophenol	14.702	184	86993	42.004	ng	92
55) Dibenzofuran	15.001	168	610186	41.811	ng	94
56) 4-Nitrophenol	14.796	139	43784	38.790	ng	93
57) 2,4-Dinitrotoluene	14.954	165	150157	40.870	ng	# 92
58) Fluorene	15.648	166	532836	41.405	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.219	232	285265	43.111	ng	98
60) Diethylphthalate	15.424	149	432481	44.403	ng	98
61) 4-Chlorophenyl-phenyle...	15.648	204	503144	44.359	ng	97
62) 4-Nitroaniline	15.665	138	67209	40.485	ng	# 70
63) Azobenzene	15.935	77	435149	43.952	ng	94
65) 4,6-Dinitro-2-methylph...	15.718	198	152345	41.723	ng	95
66) n-Nitrosodiphenylamine	15.859	169	431064	42.174	ng	97
67) 4-Bromophenyl-phenylether	16.541	248	402855	43.738	ng	99
68) Hexachlorobenzene	16.652	284	463067	44.822	ng	96
69) Atrazine	16.805	200	243978	42.865	ng	98
70) Pentachlorophenol	16.993	266	328465	47.155	ng	94
71) Phenanthrene	17.392	178	908358	41.067	ng	99
72) Anthracene	17.480	178	928767	41.547	ng	100
73) Carbazole	17.751	167	689385	41.535	ng	99
74) Di-n-butylphthalate	18.320	149	590211	43.385	ng	98
75) Fluoranthene	19.407	202	1609741	42.322	ng	99
77) Benzidine	19.583	184	301437	38.394	ng	# 96
78) Pyrene	19.766	202	1672851	41.477	ng	99
80) Butylbenzylphthalate	20.664	149	208526	38.824	ng	97
81) Benzo(a)anthracene	21.604	228	2117515	42.996	ng	99
82) 3,3'-Dichlorobenzidine	21.522	252	691785	43.576	ng	# 97
83) Chrysene	21.669	228	1959502	41.891	ng	99
84) Bis(2-ethylhexyl)phtha...	21.528	149	314718	40.415	ng	96
85) Di-n-octyl phthalate	22.738	149	570167	40.994	ng	99
87) Indeno(1,2,3-cd)pyrene	28.460	276	2708044	39.553	ng	# 92
88) Benzo(b)fluoranthene	23.807	252	2427910m	40.496	ng	
89) Benzo(k)fluoranthene	23.872	252	2416647	42.242	ng	98
90) Benzo(a)pyrene	24.665	252	2111739	42.161	ng	99
91) Dibenzo(a,h)anthracene	28.536	278	2350482	40.113	ng	99
92) Benzo(g,h,i)perylene	29.611	276	2144045	38.888	ng	# 98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG059932.D
 Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

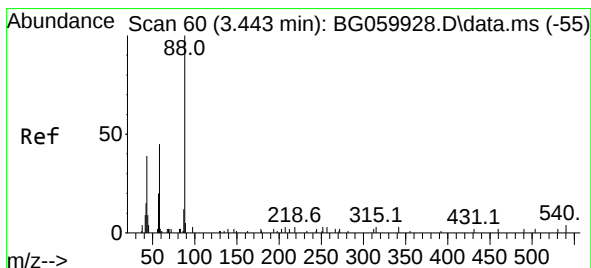
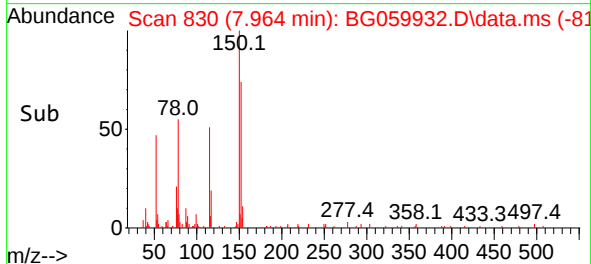
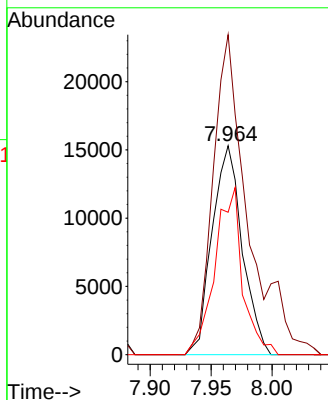
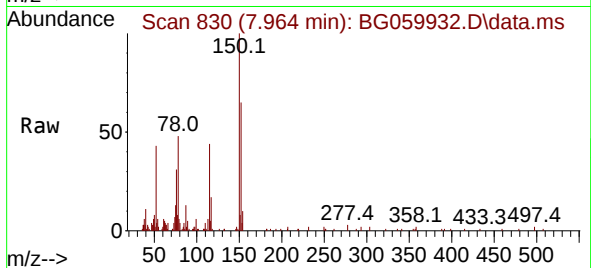
ClientSampleId :

ICVBG120123

Tgt Ion:152 Resp: 26390
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.2 186.2
 115 68.1 47.8 71.8

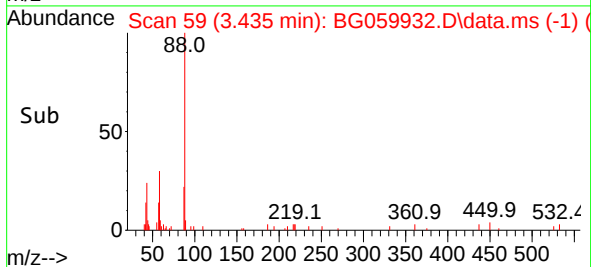
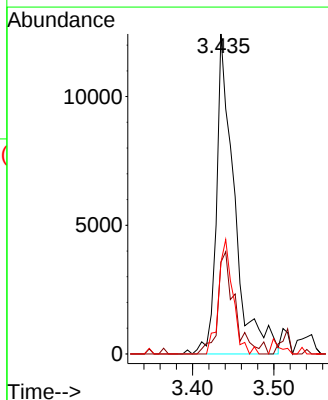
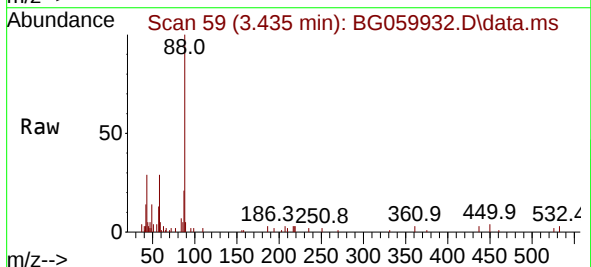
Manual Integrations
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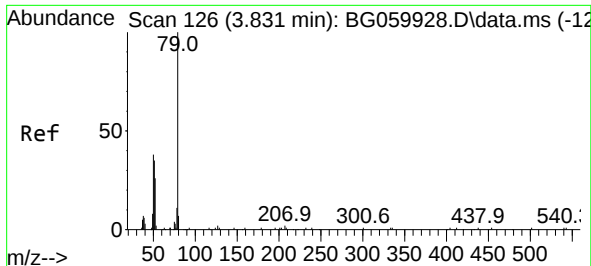
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



#2
 1,4-Dioxane
 Concen: 48.404 ng
 RT: 3.435 min Scan# 59
 Delta R.T. -0.008 min
 Lab File: BG059932.D
 Acq: 2 Dec 2023 00:36

Tgt Ion: 88 Resp: 18993
 Ion Ratio Lower Upper
 88 100
 58 30.6 26.5 39.7
 43 28.8 26.1 39.1





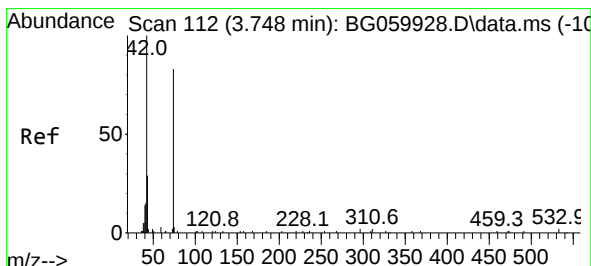
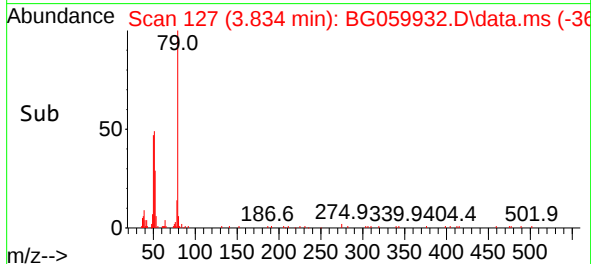
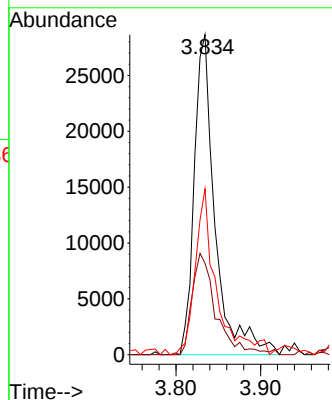
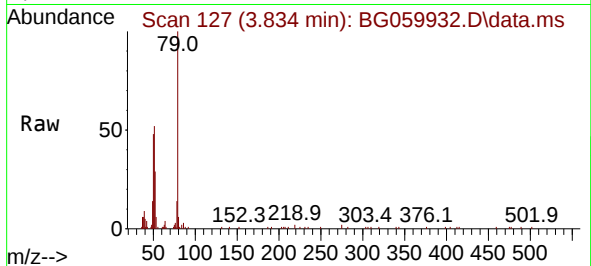
#3
Pyridine
Concen: 42.884 ng m
RT: 3.834 min Scan# 126
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
ICVBG120123

Tgt Ion: 79 Resp: 4888
Ion Ratio Lower Upper
79 100
52 28.6 21.0 31.6
51 51.8 28.6 42.8

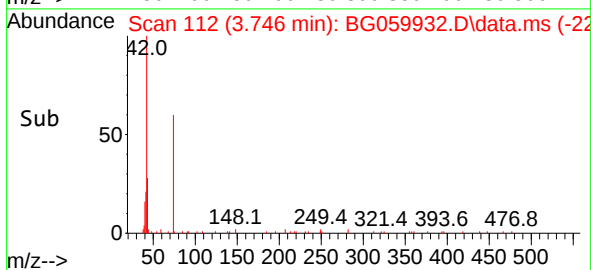
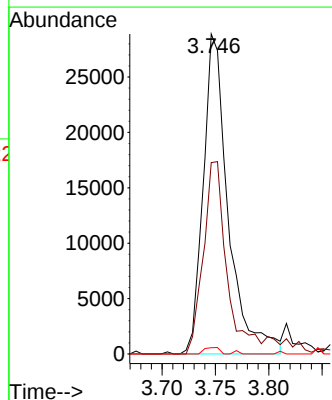
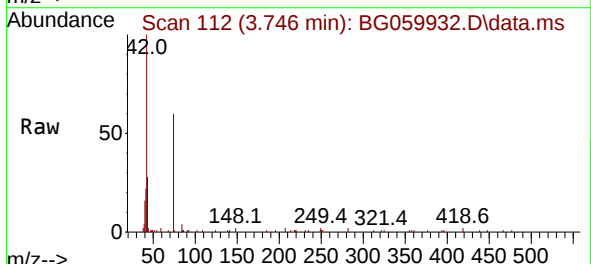
Manual Integrations
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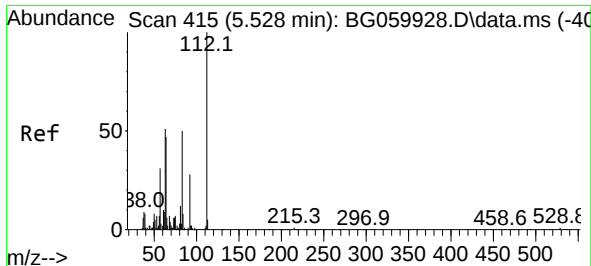
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#4
n-Nitrosodimethylamine
Concen: 55.439 ng
RT: 3.746 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

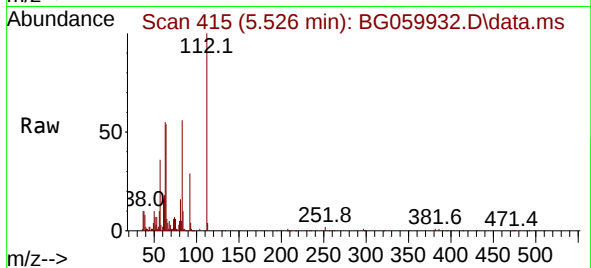
Tgt Ion: 42 Resp: 47110
Ion Ratio Lower Upper
42 100
74 59.8 66.2 99.2#
44 1.9 1.4 2.0





#5
2-Fluorophenol
Concen: 85.960 ng
RT: 5.526 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

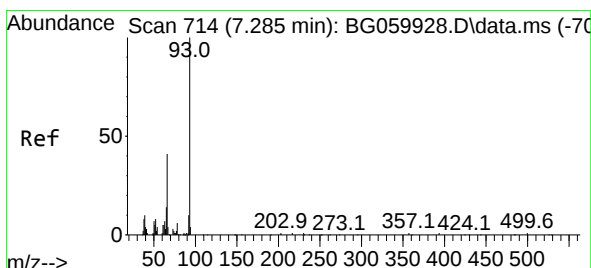
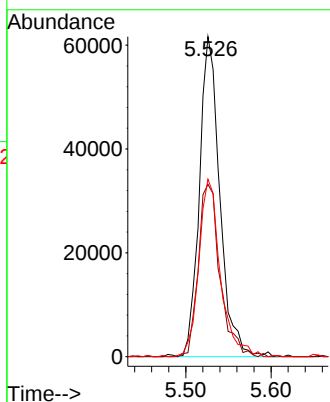
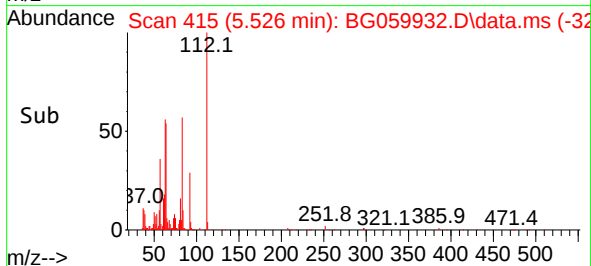
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



Tgt Ion: 112 Resp: 10261
Ion Ratio Lower Upper
112 100
64 53.8 37.6 56.4
63 55.5 41.1 61.7

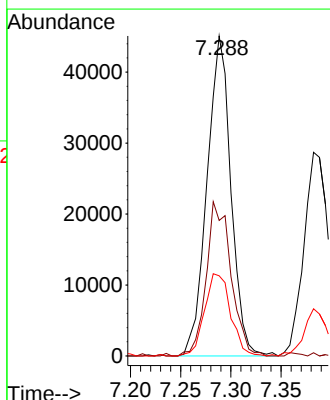
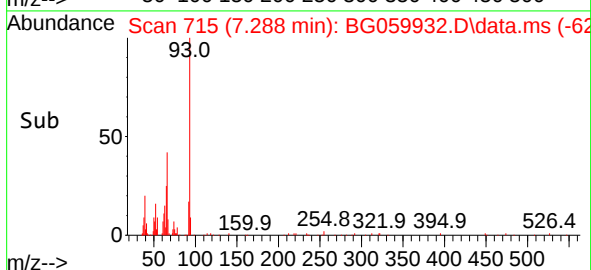
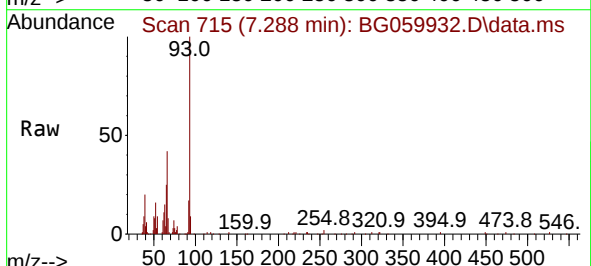
Manual Integrations
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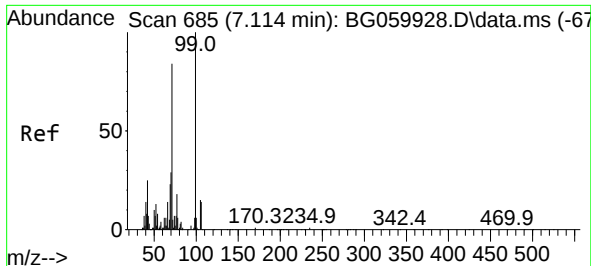
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#6
Aniline
Concen: 41.402 ng
RT: 7.288 min Scan# 715
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion: 93 Resp: 74888
Ion Ratio Lower Upper
93 100
66 42.4 33.1 49.7
65 25.0 11.4 17.0#





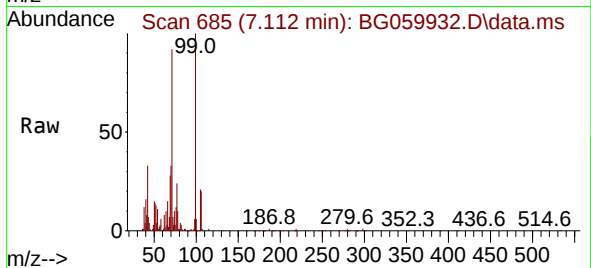
#7
Phenol-d6
Concen: 89.874 ng
RT: 7.112 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



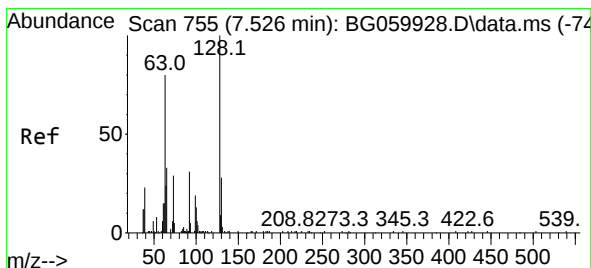
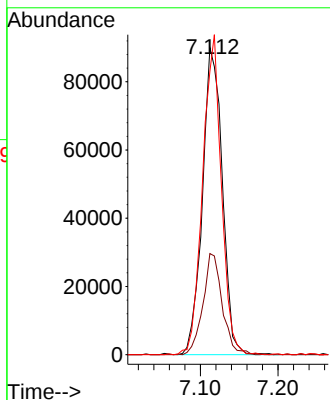
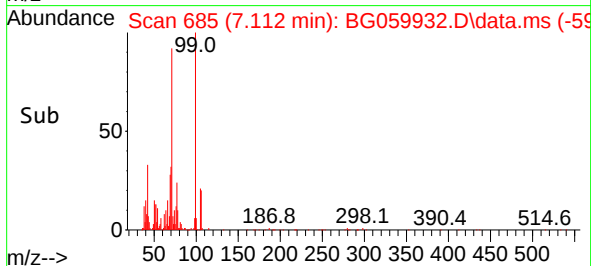
Tgt Ion: 99 Resp: 160249
Ion Ratio Lower Upper
99 100
42 32.9 20.2 30.4
71 92.2 67.4 101.2

Manual Integrations

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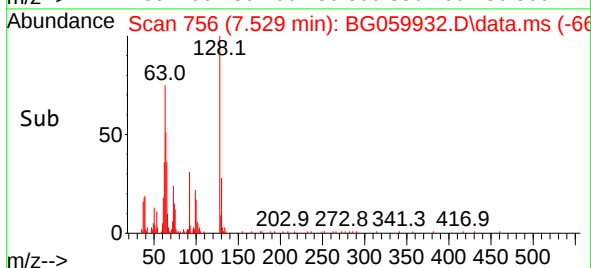
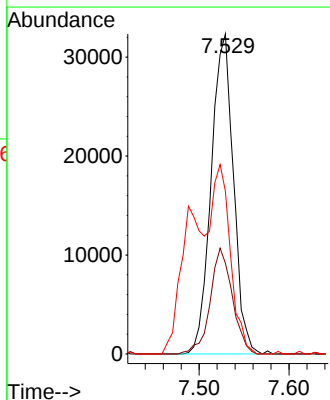
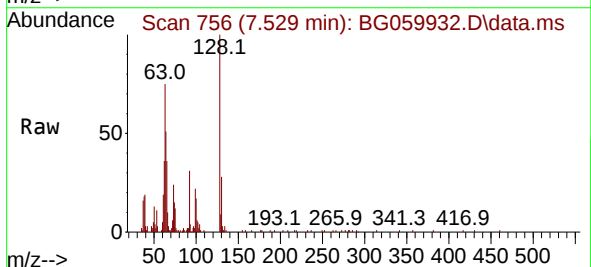
Reviewed By :Yogesh Patel 12/04/2023

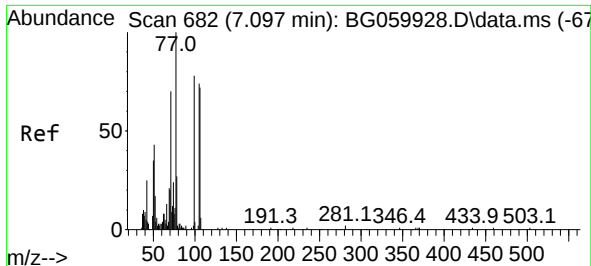
Supervised By :mohammad ahmed 12/04/2023



#8
2-Chlorophenol
Concen: 46.450 ng
RT: 7.529 min Scan# 756
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:128 Resp: 55684
Ion Ratio Lower Upper
128 100
130 28.4 7.7 47.7
64 50.9 25.6 65.6





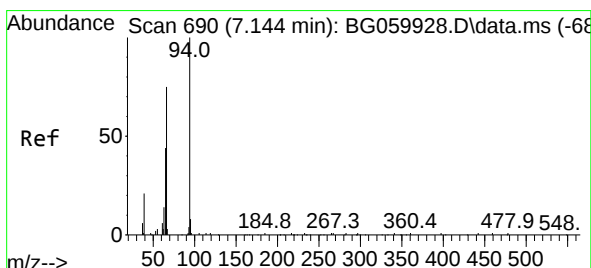
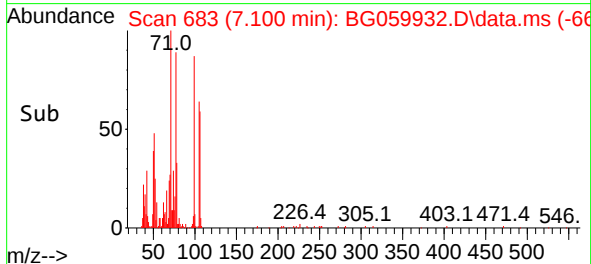
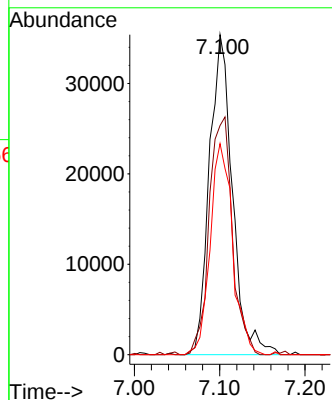
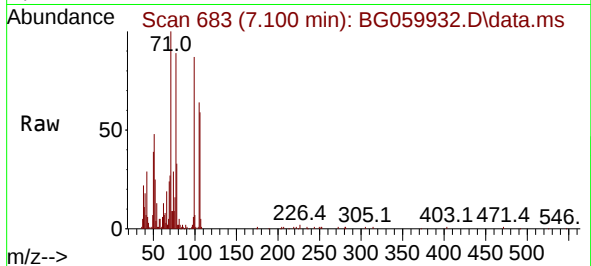
#9
Benzaldehyde
Concen: 48.154 ng
RT: 7.100 min Scan# 682
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
ICVBG120123

Tgt Ion: 77 Resp: 6642
Ion Ratio Lower Upper
77 100
105 71.6 54.0 94.0
106 65.9 51.6 91.6

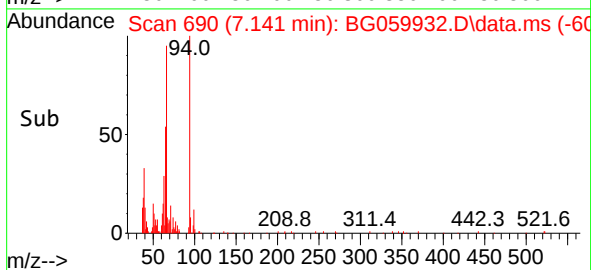
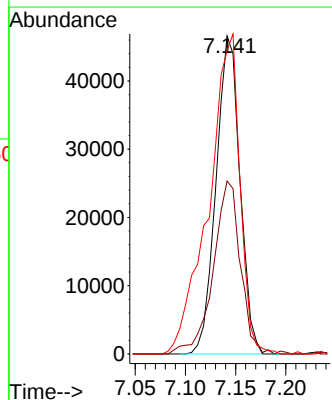
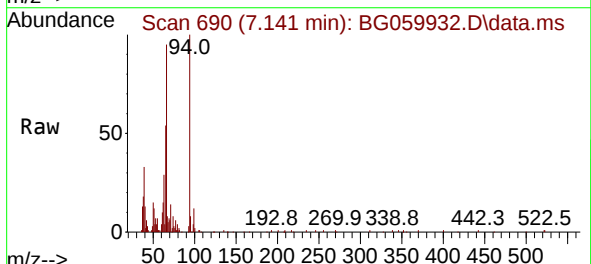
Manual Integrations
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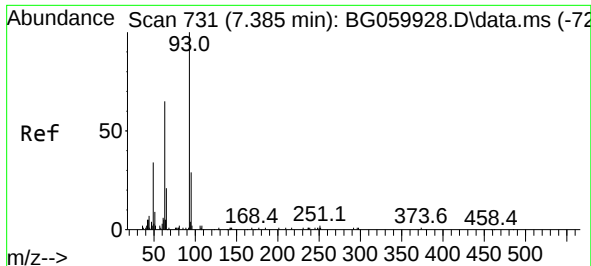
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#10
Phenol
Concen: 43.987 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion: 94 Resp: 77291
Ion Ratio Lower Upper
94 100
65 54.4 26.4 66.4
66 95.3 68.2 108.2





#11
bis(2-Chloroethyl)ether
Concen: 43.603 ng
RT: 7.382 min Scan# 731
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

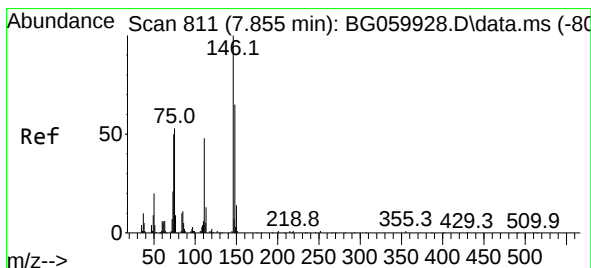
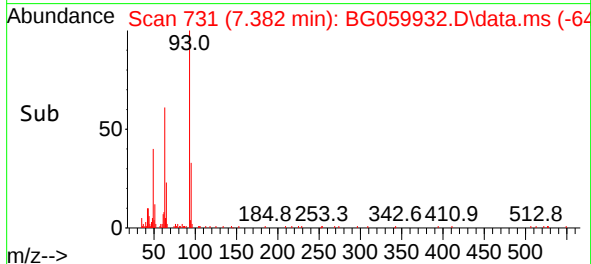
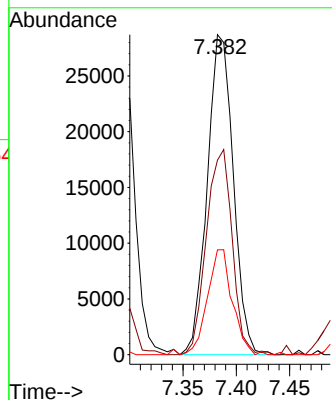
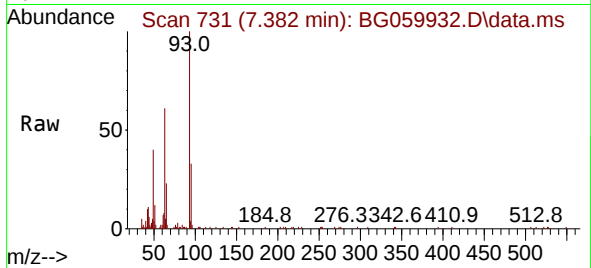
ClientSampleId :

ICVBG120123

Tgt Ion: 93 Resp: 48890
Ion Ratio Lower Upper
93 100
63 60.8 44.4 84.4
95 32.8 9.1 49.1

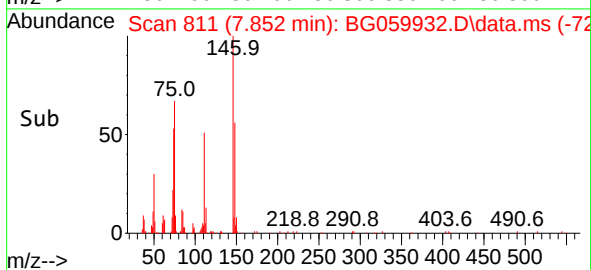
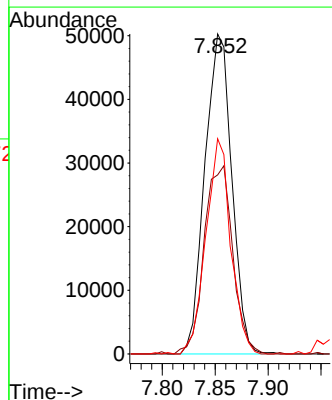
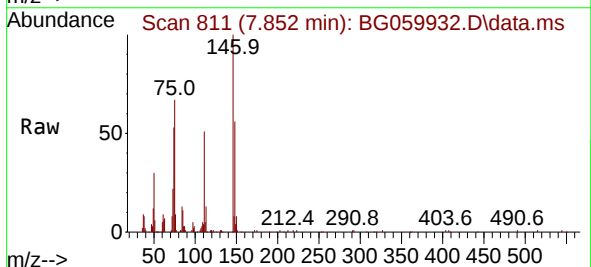
Manual Integrations
APPROVED

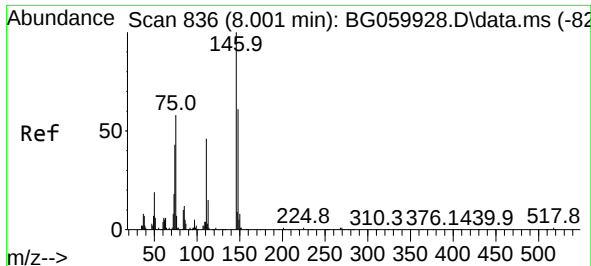
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#12
1,3-Dichlorobenzene
Concen: 45.512 ng m
RT: 7.852 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:146 Resp: 89027
Ion Ratio Lower Upper
146 100
148 55.9 51.6 77.4
75 67.3 42.8 64.2#





#13
1,4-Dichlorobenzene
Concen: 45.025 ng
RT: 8.005 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

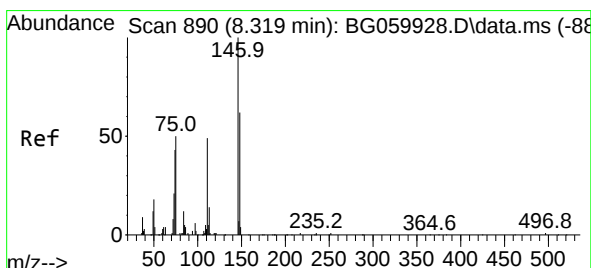
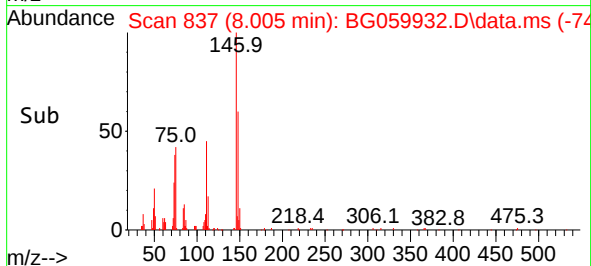
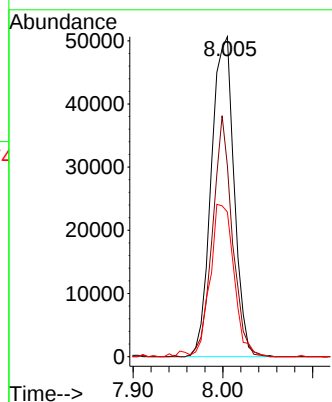
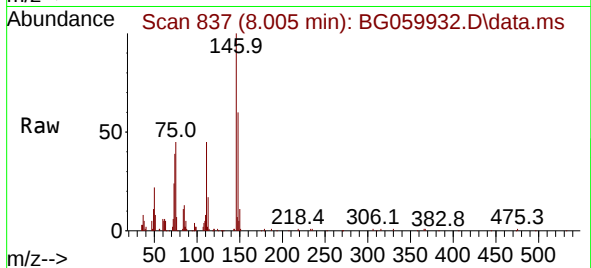
ClientSampleId :

ICVBG120123

Tgt Ion:146 Resp: 89100
Ion Ratio Lower Upper
146 100
148 59.7 48.5 72.7
111 45.2 37.0 55.4

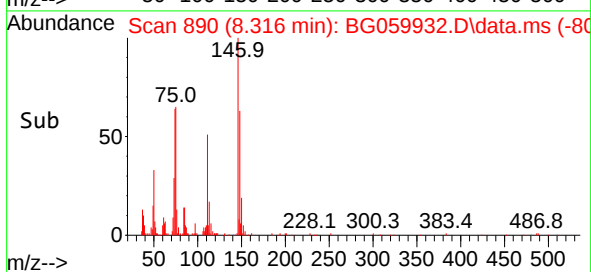
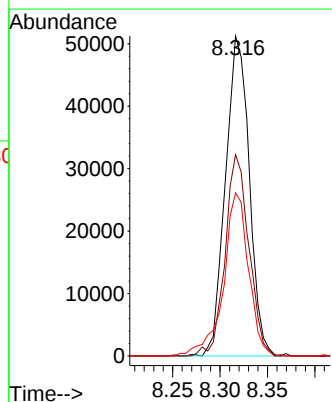
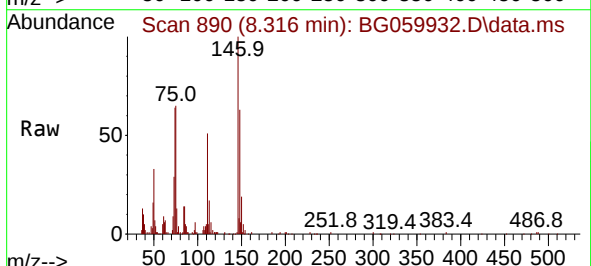
Manual Integrations
APPROVED

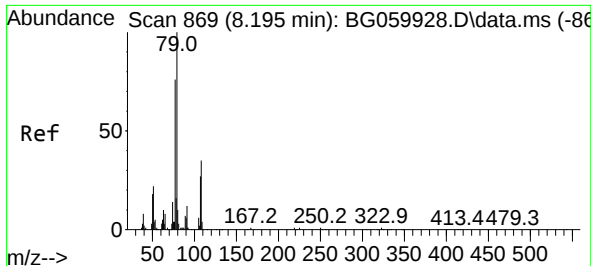
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#14
1,2-Dichlorobenzene
Concen: 45.301 ng
RT: 8.316 min Scan# 890
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:146 Resp: 89306
Ion Ratio Lower Upper
146 100
148 62.9 49.7 74.5
111 51.0 40.7 61.1





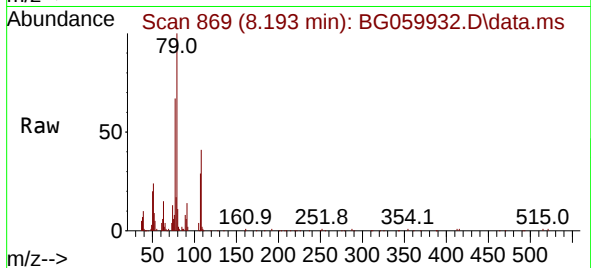
#15
Benzyl Alcohol
Concen: 48.910 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

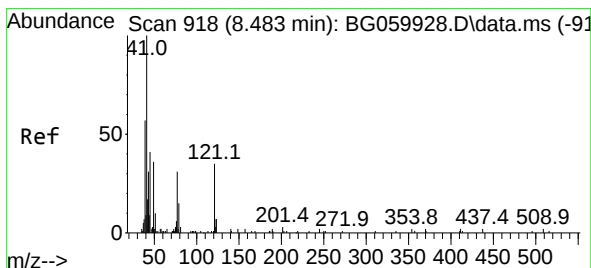
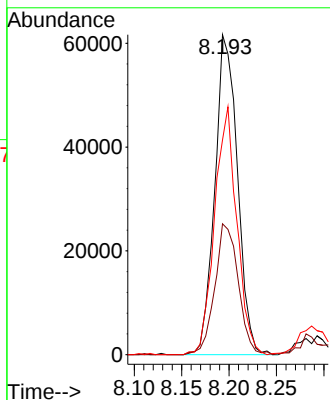
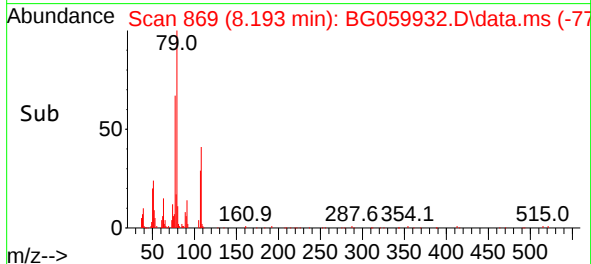
ICVBG120123



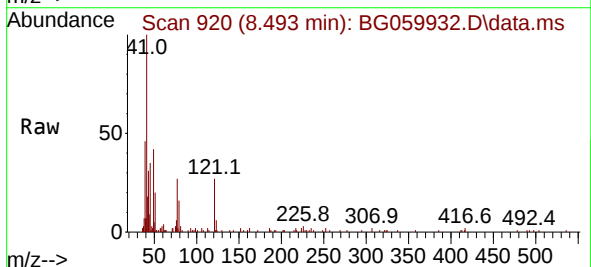
Tgt Ion: 79 Resp: 102448
Ion Ratio Lower Upper
79 100
108 40.9 28.4 42.6
77 67.1 60.8 91.2

Manual Integrations
APPROVED

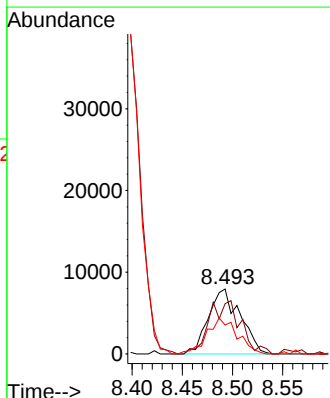
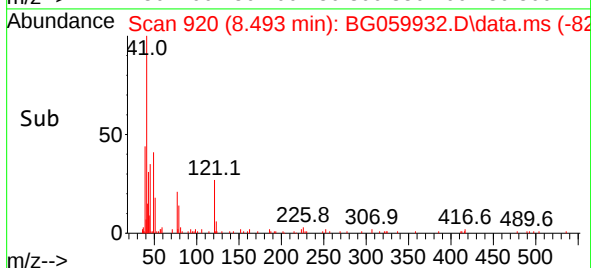
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

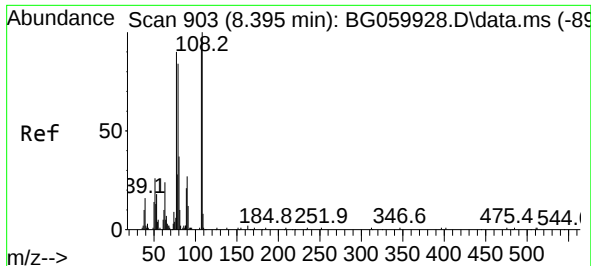


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.744 ng
RT: 8.493 min Scan# 920
Delta R.T. 0.009 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion: 45 Resp: 17600
Ion Ratio Lower Upper
45 100
77 77.3 62.9 102.9
79 44.6 19.8 59.8





#17

2-Methylphenol

Concen: 45.056 ng

RT: 8.399 min Scan# 904

Delta R.T. 0.004 min

Lab File: BG059932.D

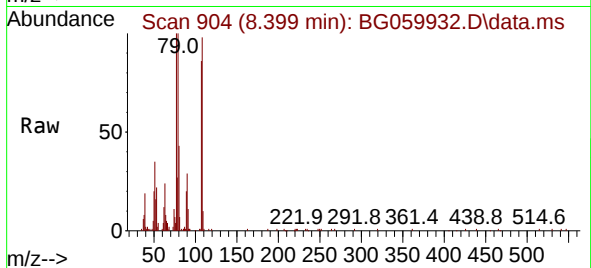
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



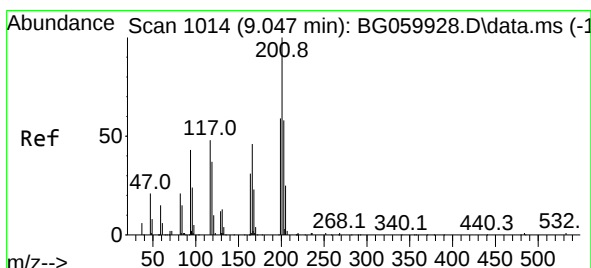
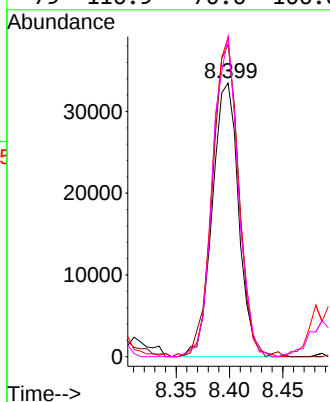
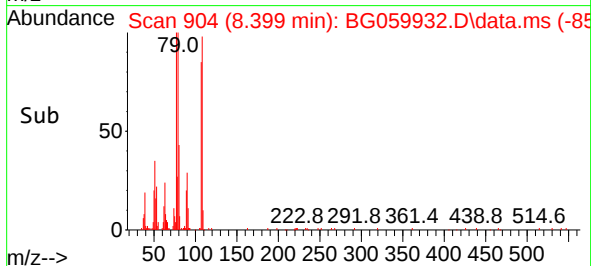
Tgt Ion:	107	Resp:	57130
Ion	Ratio	Lower	Upper
107	100		
108	114.1	84.0	126.0
77	116.8	75.4	113.0
79	116.9	70.6	106.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#18

Hexachloroethane

Concen: 48.769 ng

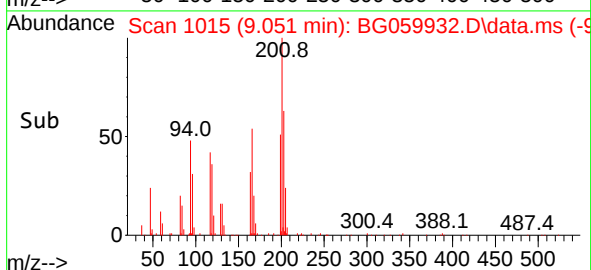
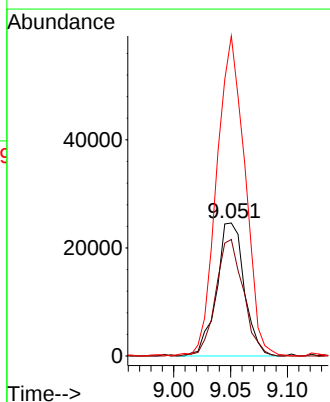
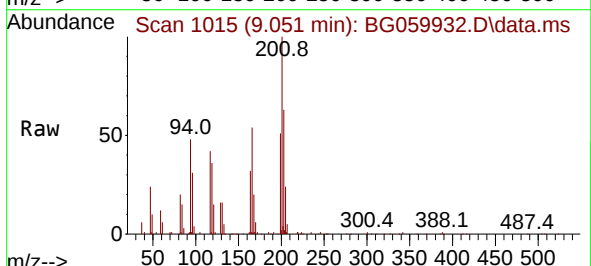
RT: 9.051 min Scan# 1015

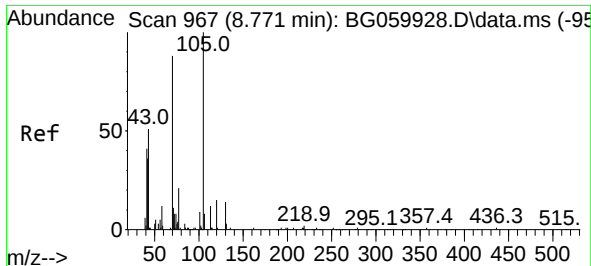
Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Tgt Ion:	117	Resp:	41593
Ion	Ratio	Lower	Upper
117	100		
119	87.7	61.6	92.4
201	240.8	168.5	252.7





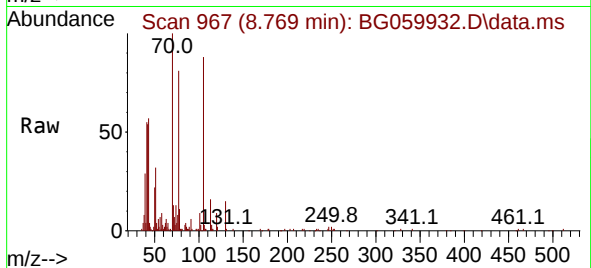
#19
n-Nitroso-di-n-propylamine
Concen: 44.332 ng
RT: 8.769 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

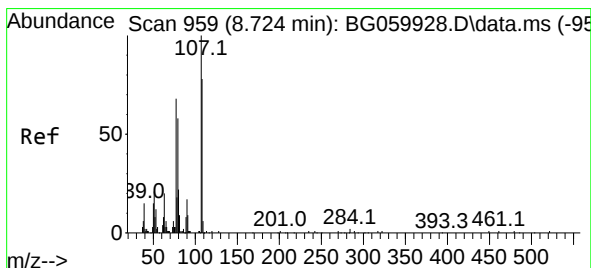
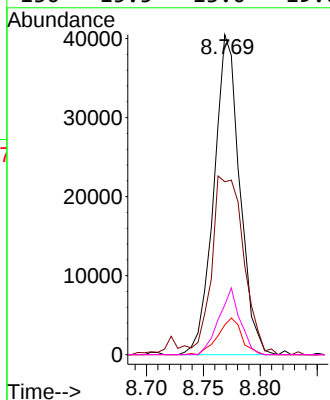
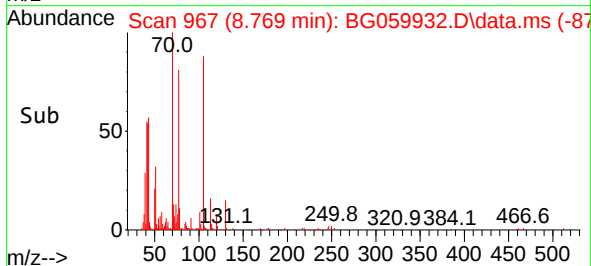


Tgt Ion: 70 Resp: 6410
Ion Ratio Lower Upper
70 100
42 54.0 34.9 52.3
101 9.3 7.8 11.6
130 15.5 13.0 19.6

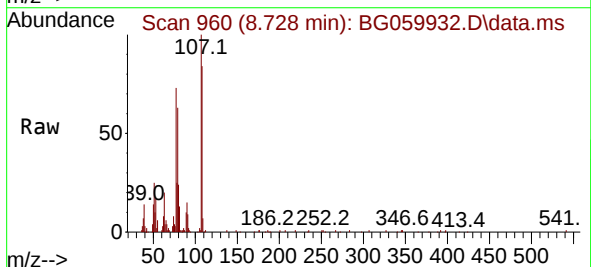
Manual Integrations

APPROVED

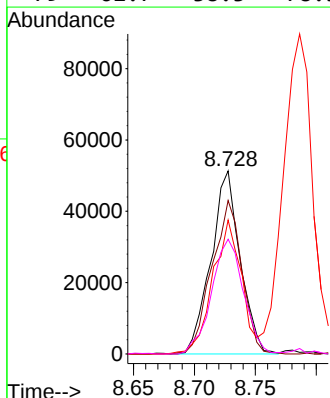
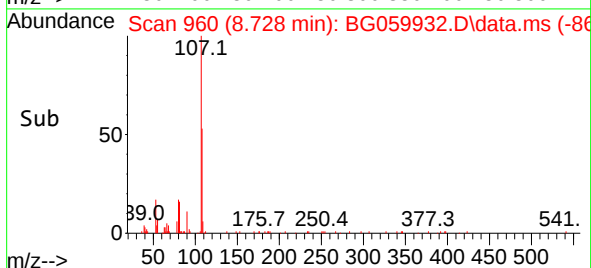
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

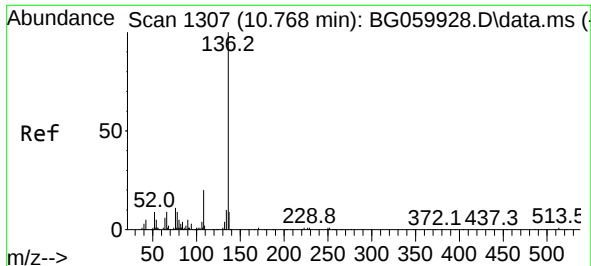


#20
3+4-Methylphenols
Concen: 46.100 ng
RT: 8.728 min Scan# 960
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion:107 Resp: 85234
Ion Ratio Lower Upper
107 100
108 83.8 58.6 98.6
77 73.1 48.4 88.4
79 62.7 38.3 78.3





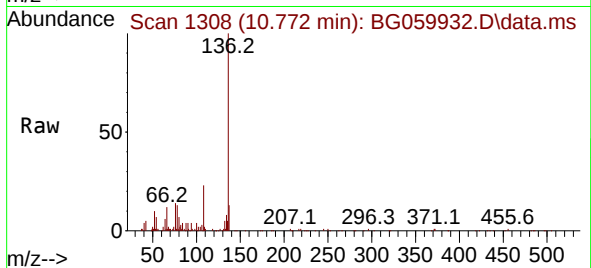
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.772 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

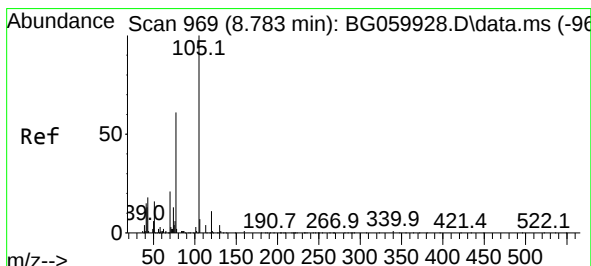
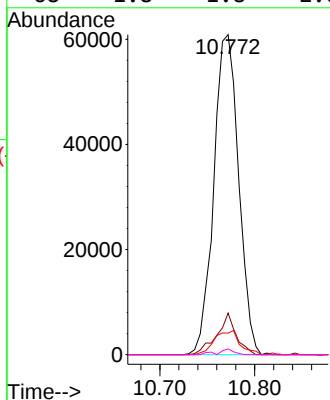
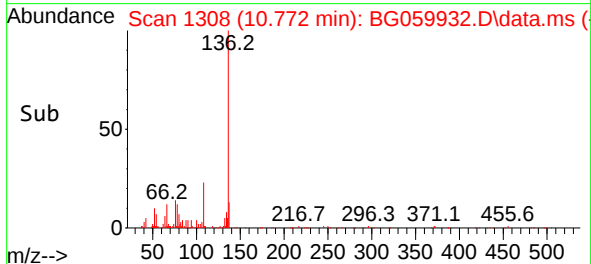


Tgt Ion:136 Resp: 110945
Ion Ratio Lower Upper
136 100
137 13.0 7.2 10.8#
54 6.8 3.8 5.6#
68 1.8 1.8 2.6#

Manual Integrations

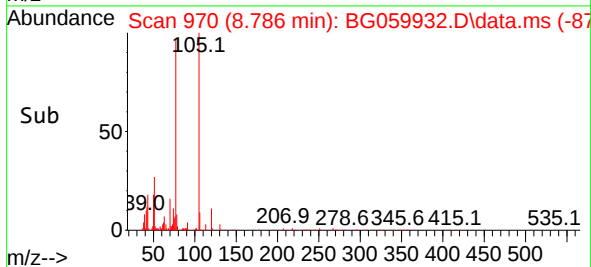
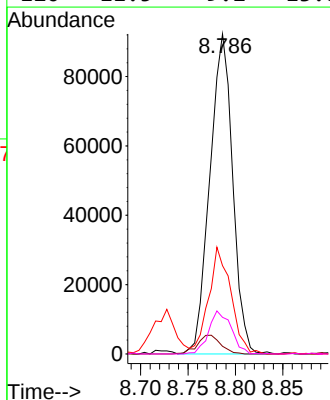
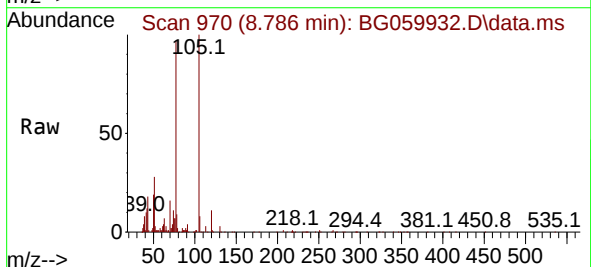
APPROVED

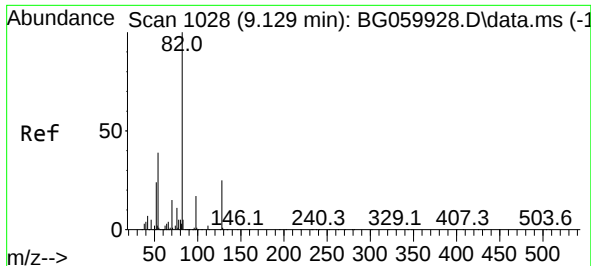
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Acetophenone
Concen: 43.578 ng
RT: 8.786 min Scan# 970
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:105 Resp: 154671
Ion Ratio Lower Upper
105 100
71 2.4 2.8 4.2#
51 27.6 18.3 27.5#
120 11.5 9.2 13.8#





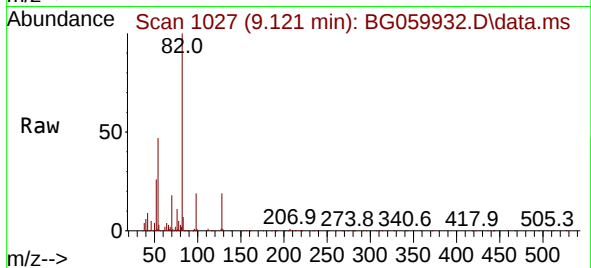
#23
Nitrobenzene-d5
Concen: 86.362 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.008 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



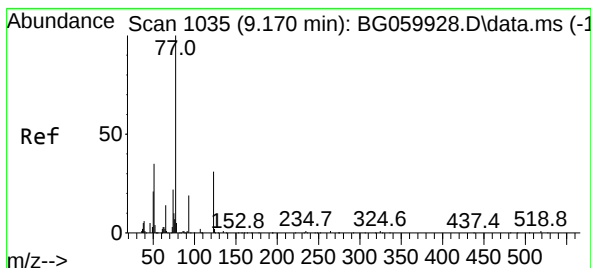
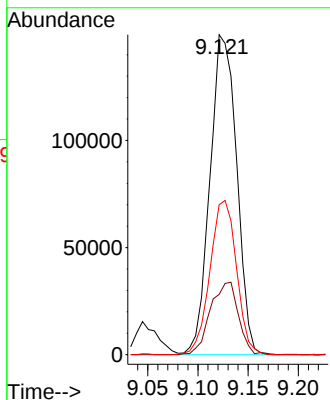
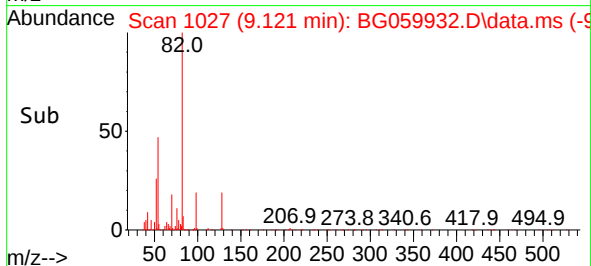
Tgt Ion: 82 Resp: 276642
Ion Ratio Lower Upper
82 100
128 18.9 19.9 29.9
54 46.8 31.1 46.7

Manual Integrations

APPROVED

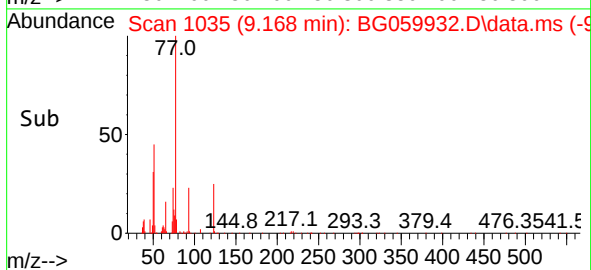
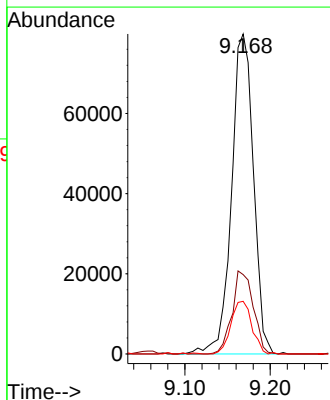
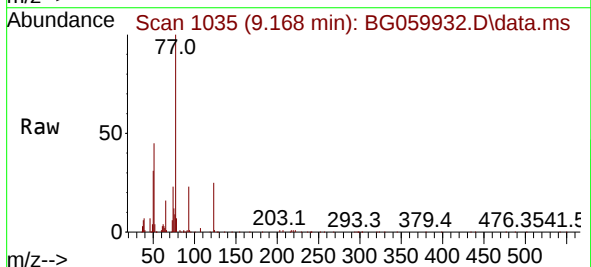
Reviewed By :Yogesh Patel 12/04/2023

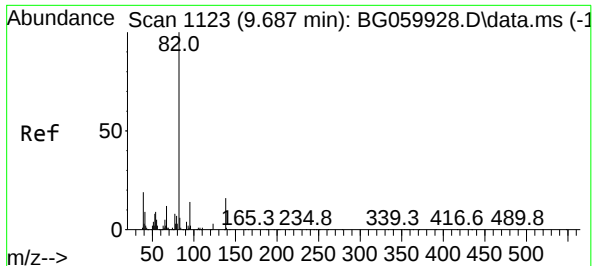
Supervised By :mohammad ahmed 12/04/2023



#24
Nitrobenzene
Concen: 45.648 ng
RT: 9.168 min Scan# 1035
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion: 77 Resp: 142229
Ion Ratio Lower Upper
77 100
123 24.8 25.5 38.3
65 16.5 11.6 17.4





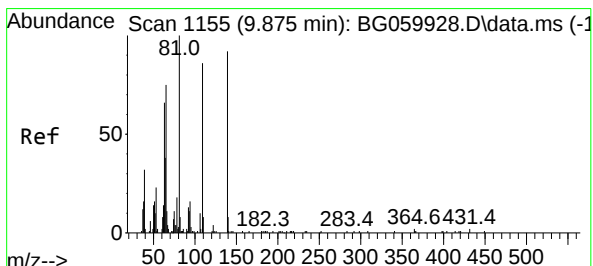
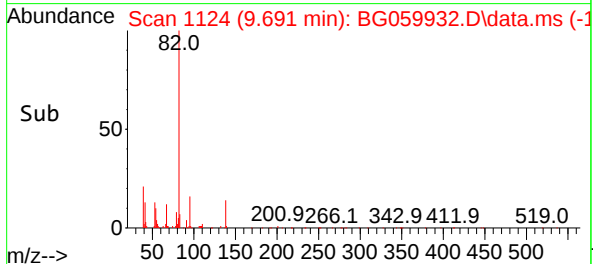
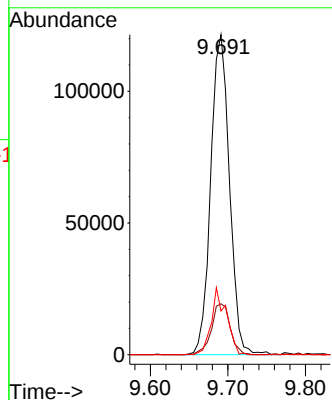
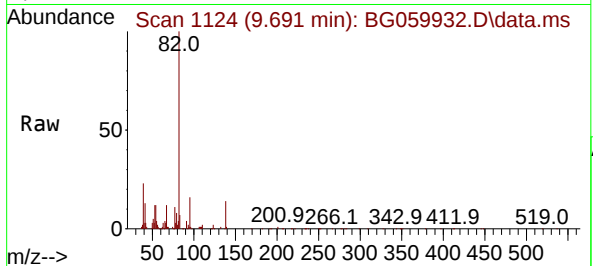
#25
Isophorone
Concen: 42.659 ng
RT: 9.691 min Scan# 1123
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
ICVBG120123

Tgt Ion: 82 Resp: 20382
Ion Ratio Lower Upper
82 100
95 15.9 11.0 16.6
138 13.7 12.5 18.7

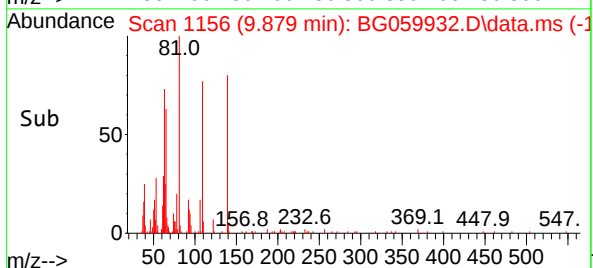
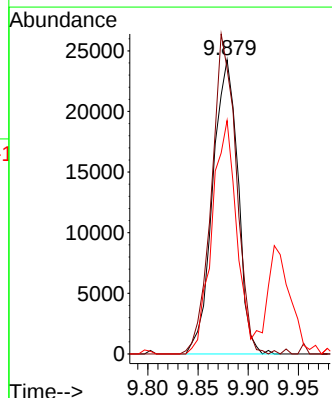
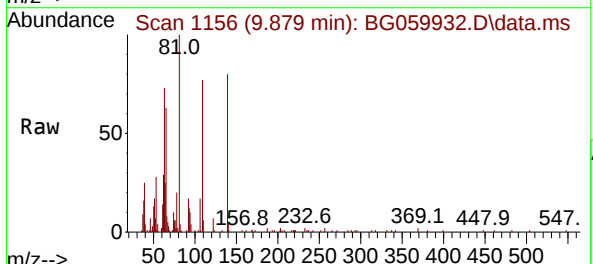
Manual Integrations
APPROVED

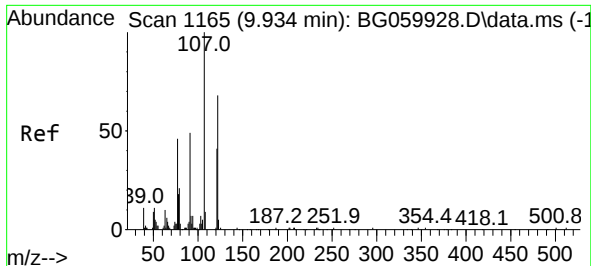
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#26
2-Nitrophenol
Concen: 42.676 ng
RT: 9.879 min Scan# 1156
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:139 Resp: 42431
Ion Ratio Lower Upper
139 100
109 97.0 74.8 112.2
65 79.3 65.3 97.9





#27

2,4-Dimethylphenol

Concen: 44.641 ng

RT: 9.932 min Scan# 1165

Delta R.T. -0.002 min

Lab File: BG059932.D

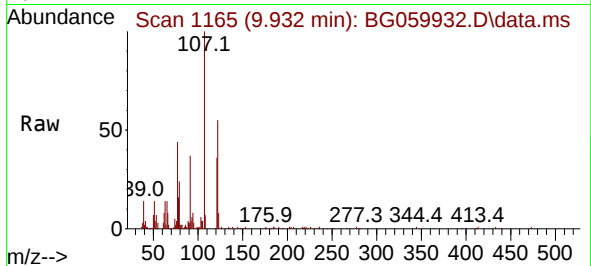
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



Tgt Ion:122 Resp: 4991

Ion Ratio Lower Upper

122 100

107 181.1 119.3 178.9

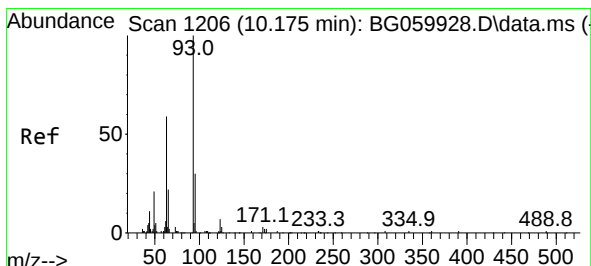
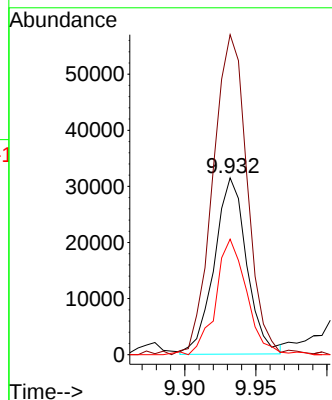
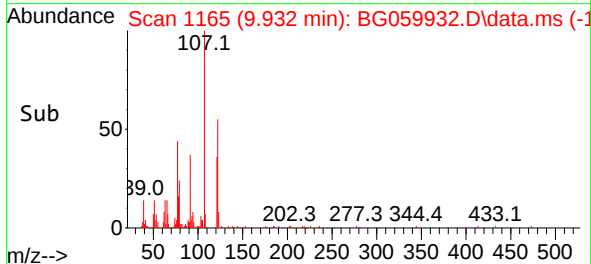
121 65.3 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.256 ng

RT: 10.173 min Scan# 1206

Delta R.T. -0.002 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

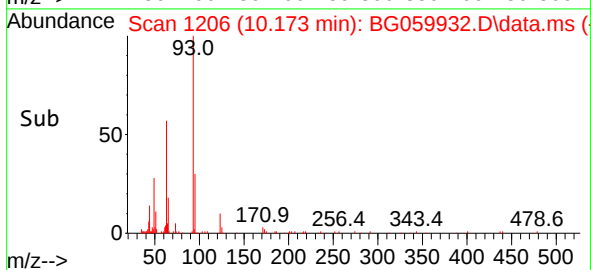
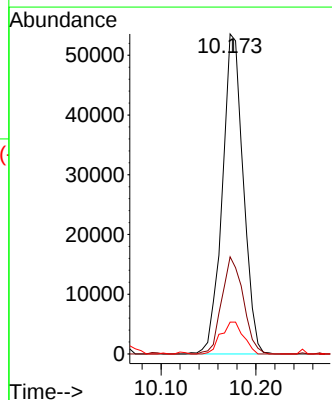
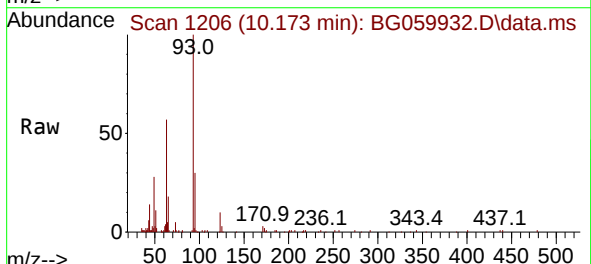
Tgt Ion: 93 Resp: 82353

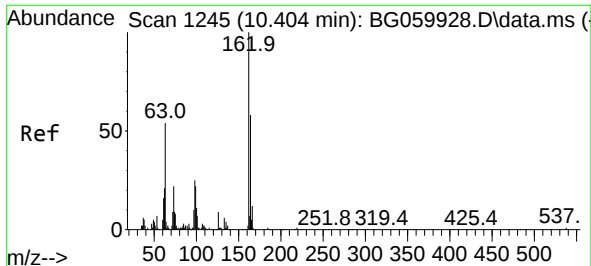
Ion Ratio Lower Upper

93 100

95 30.4 23.9 35.9

123 10.0 5.6 8.4





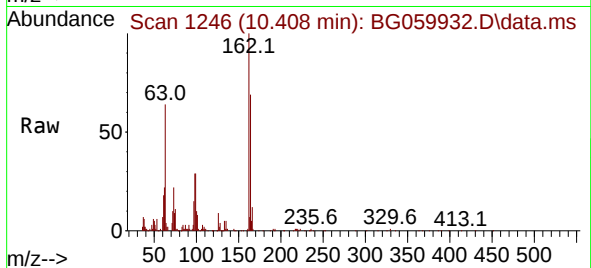
#29
2,4-Dichlorophenol
Concen: 43.785 ng
RT: 10.408 min Scan# 1245
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

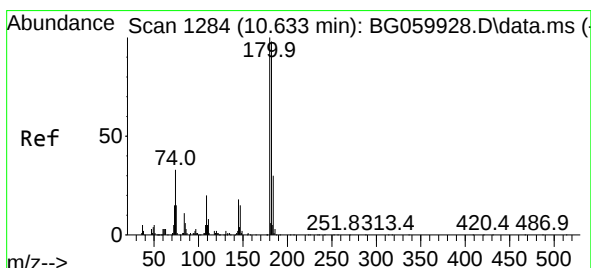
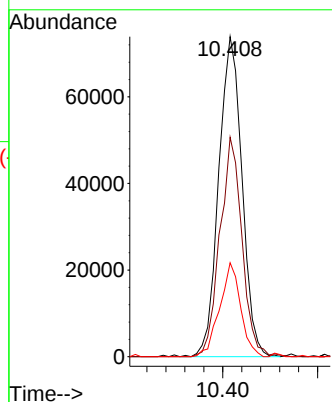
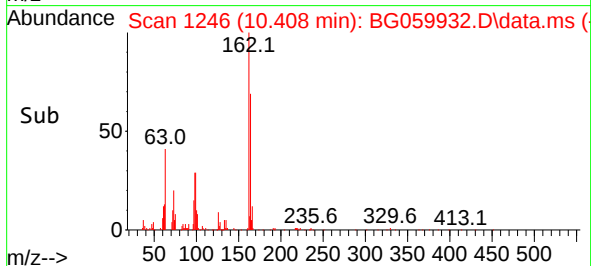


Tgt Ion:162 Resp: 12584
Ion Ratio Lower Upper
162 100
164 68.5 37.8 77.8
98 29.4 5.1 45.1

Manual Integrations

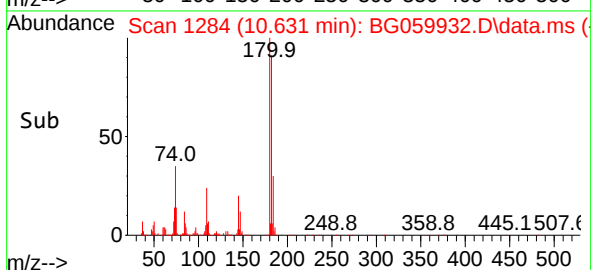
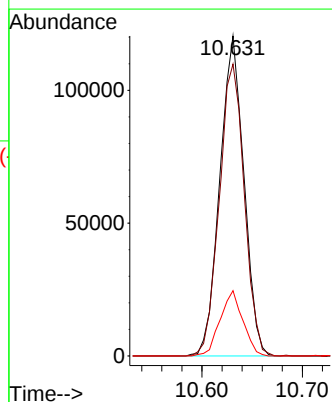
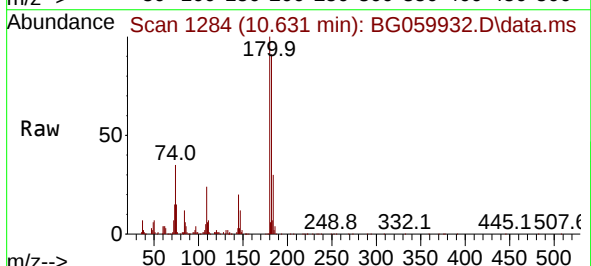
APPROVED

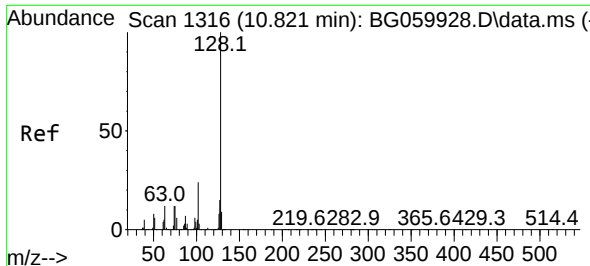
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.993 ng
RT: 10.631 min Scan# 1284
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:180 Resp: 200494
Ion Ratio Lower Upper
180 100
182 91.2 78.2 117.2
145 20.4 14.1 21.1





#31
Naphthalene
Concen: 40.582 ng
RT: 10.819 min Scan# 1118
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

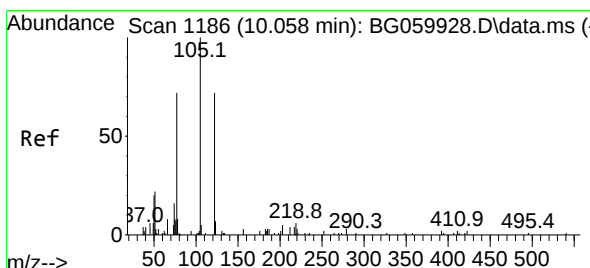
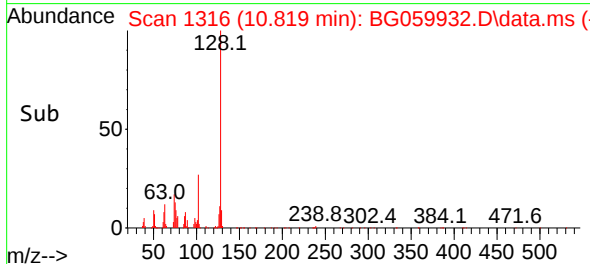
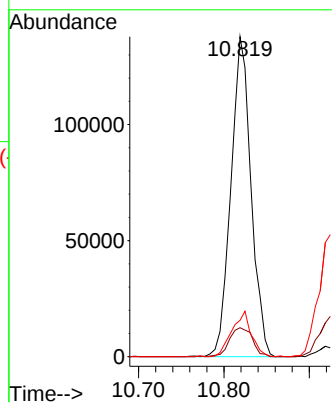
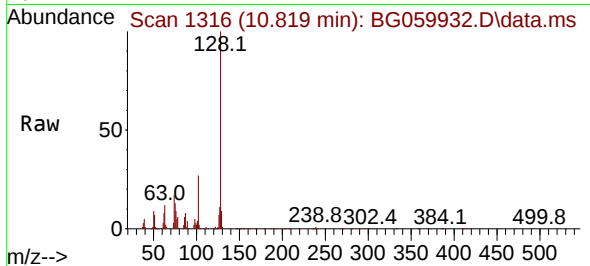
ICVBG120123

Tgt Ion:128 Resp: 226470
Ion Ratio Lower Upper
128 100
129 9.0 7.1 10.7
127 11.4 11.8 17.6

Manual Integrations

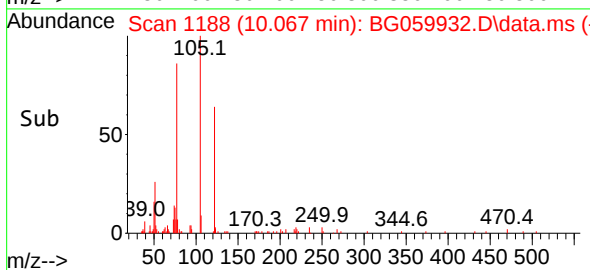
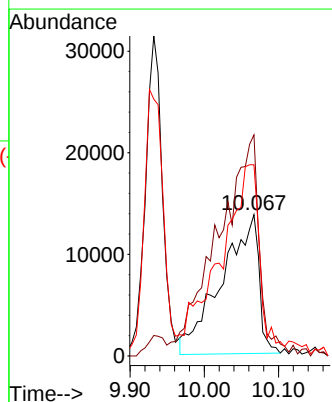
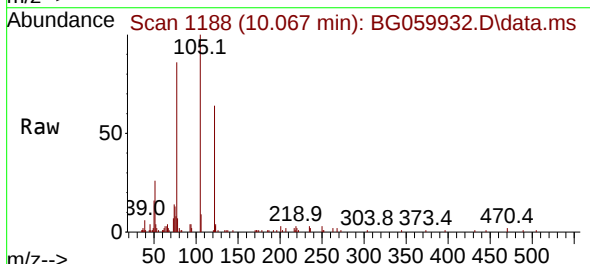
APPROVED

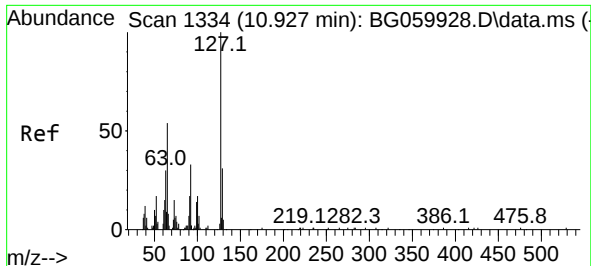
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#32
Benzoic acid
Concen: 42.286 ng
RT: 10.067 min Scan# 1188
Delta R.T. 0.009 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:122 Resp: 47898
Ion Ratio Lower Upper
122 100
105 156.5 114.4 154.4#
77 135.4 88.1 128.1#





#33
4-Chloroaniline
Concen: 42.535 ng
RT: 10.925 min Scan# 1334
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

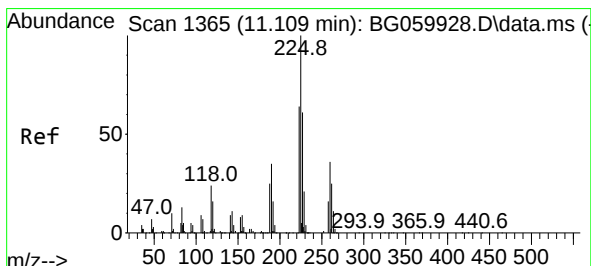
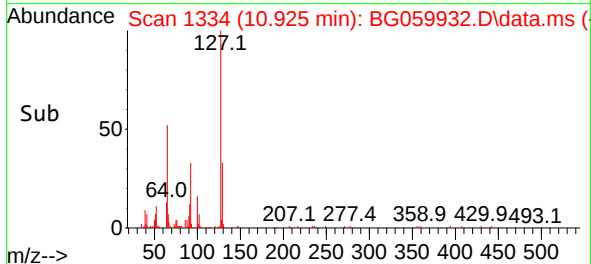
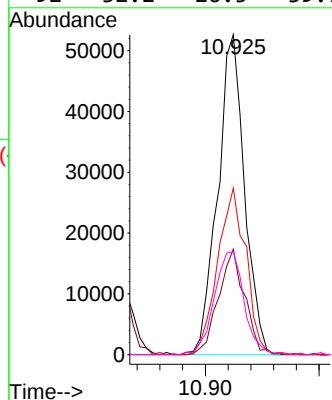
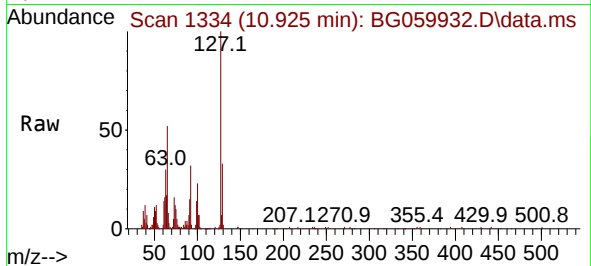
ICVBG120123

Tgt Ion:127 Resp: 86200
Ion Ratio Lower Upper
127 100
129 33.0 24.4 36.6
65 52.1 43.1 64.7
92 32.2 26.5 39.7

Manual Integrations

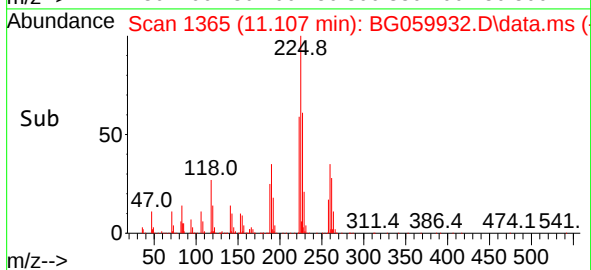
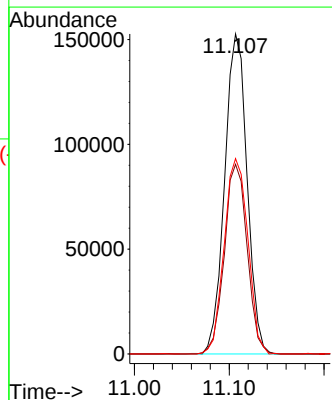
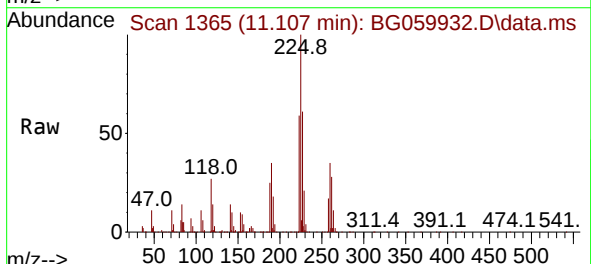
APPROVED

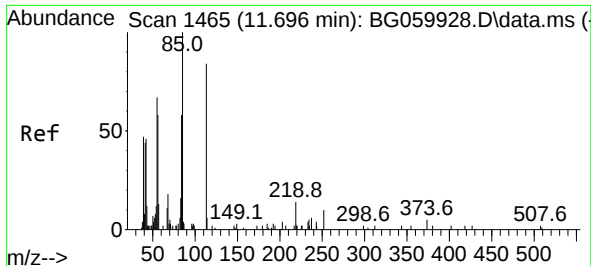
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#34
Hexachlorobutadiene
Concen: 47.409 ng
RT: 11.107 min Scan# 1365
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

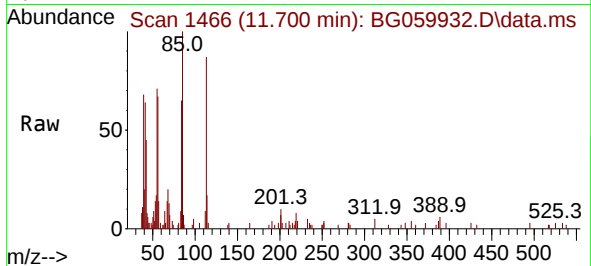
Tgt Ion:225 Resp: 251138
Ion Ratio Lower Upper
225 100
223 59.2 51.3 76.9
227 61.1 48.9 73.3





#35
Caprolactam
Concen: 42.503 ng
RT: 11.700 min Scan# 1465
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

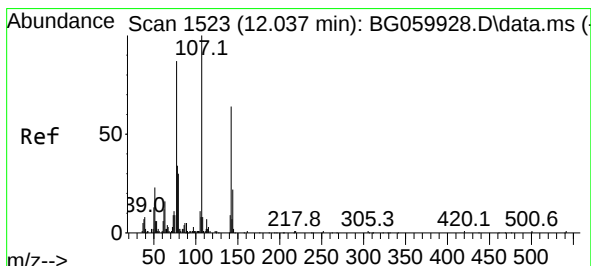
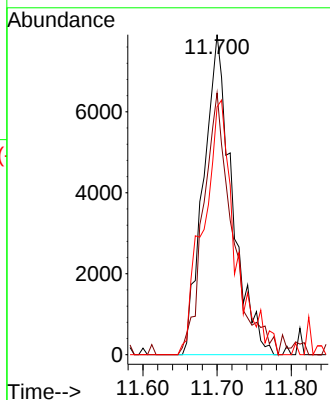
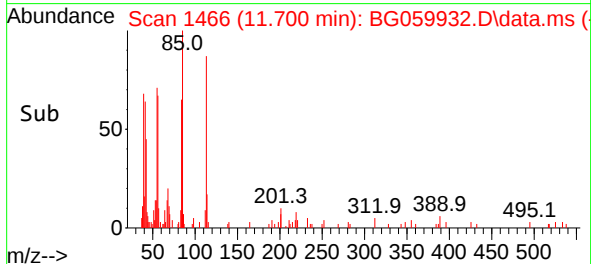
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



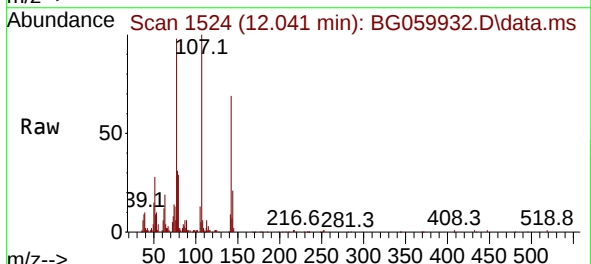
Tgt Ion:113 Resp: 21200
Ion Ratio Lower Upper
113 100
55 81.8 59.6 99.6
56 77.5 49.5 89.5

Manual Integrations
APPROVED

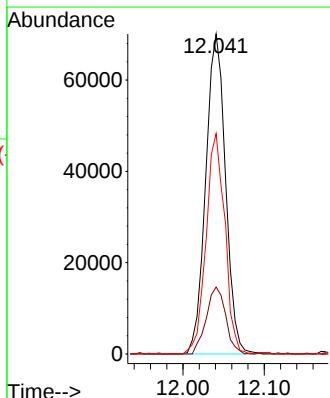
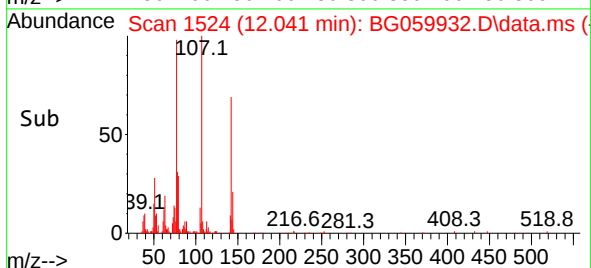
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

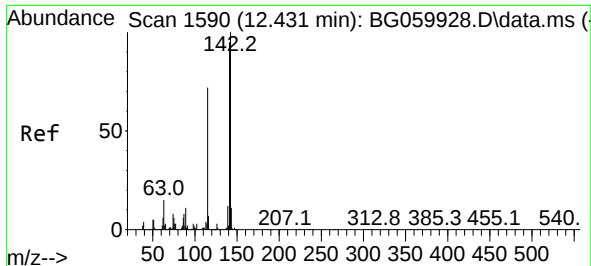


#36
4-Chloro-3-methylphenol
Concen: 46.862 ng
RT: 12.041 min Scan# 1524
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion:107 Resp: 118528
Ion Ratio Lower Upper
107 100
144 20.9 17.6 26.4
142 68.8 51.4 77.2





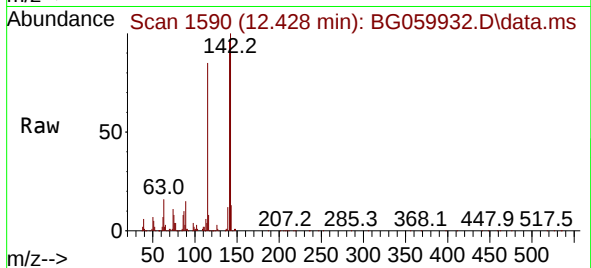
#37
2-Methylnaphthalene
Concen: 42.258 ng
RT: 12.428 min Scan# 1590
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



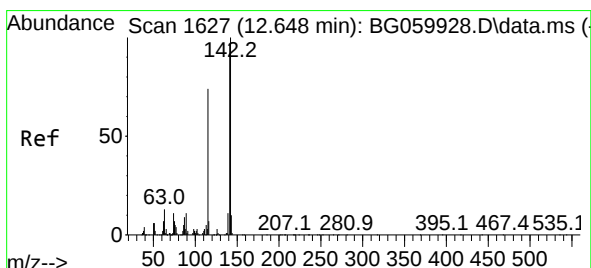
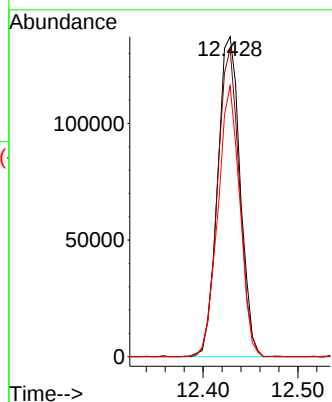
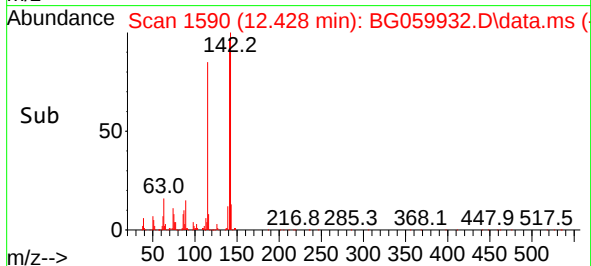
Tgt Ion:142 Resp: 226528
Ion Ratio Lower Upper
142 100
141 96.2 75.9 113.9
115 84.6 57.8 86.8

Manual Integrations

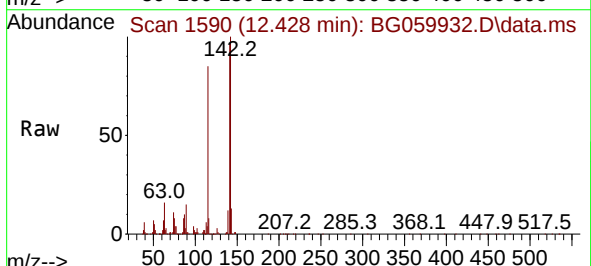
APPROVED

Reviewed By :Yogesh Patel 12/04/2023

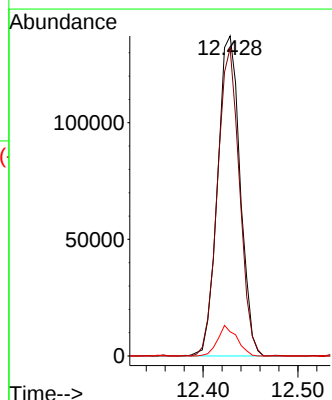
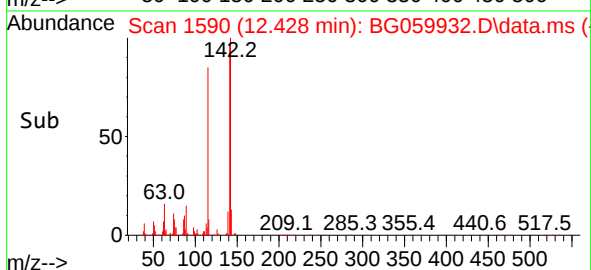
Supervised By :mohammad ahmed 12/04/2023

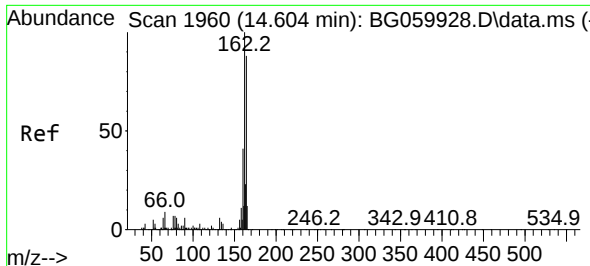


#38
1-Methylnaphthalene
Concen: 43.254 ng
RT: 12.428 min Scan# 1590
Delta R.T. -0.220 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion:142 Resp: 226528
Ion Ratio Lower Upper
142 100
141 96.2 76.9 115.3
116 7.6 5.8 8.6





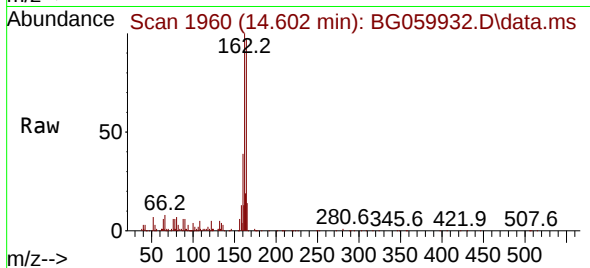
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.602 min Scan# 1960
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

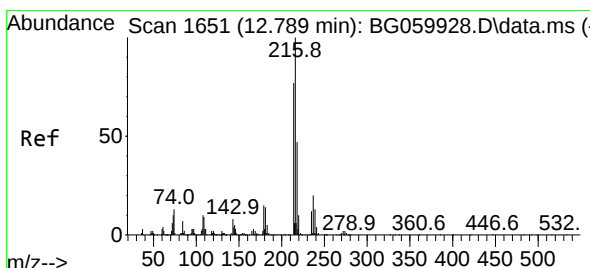
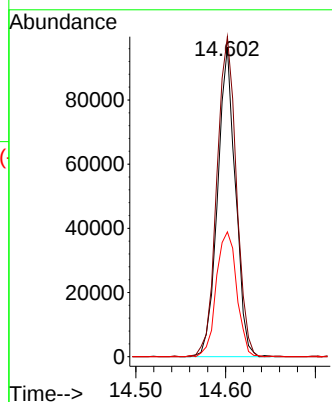
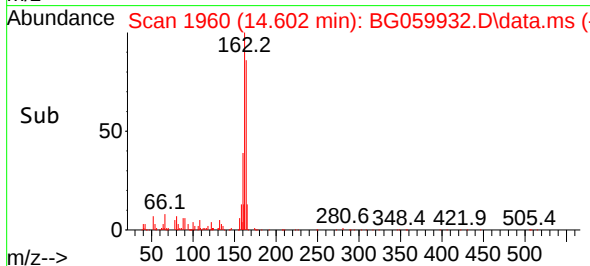


Tgt Ion:164 Resp: 133130
Ion Ratio Lower Upper
164 100
162 103.3 91.3 136.9
160 40.3 37.8 56.8

Manual Integrations

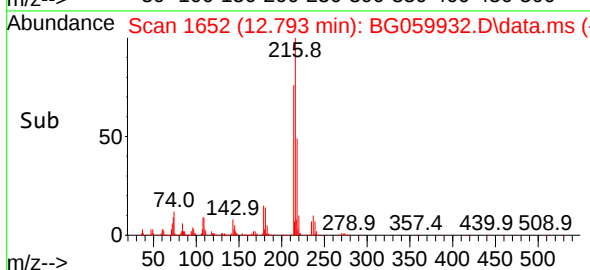
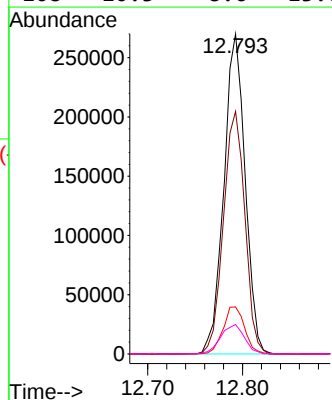
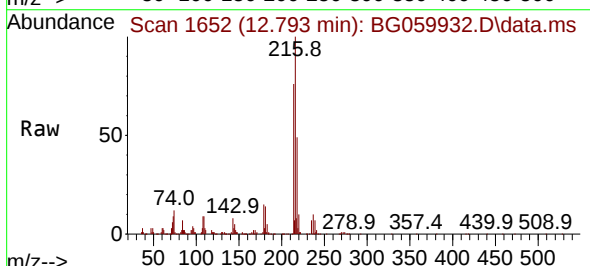
APPROVED

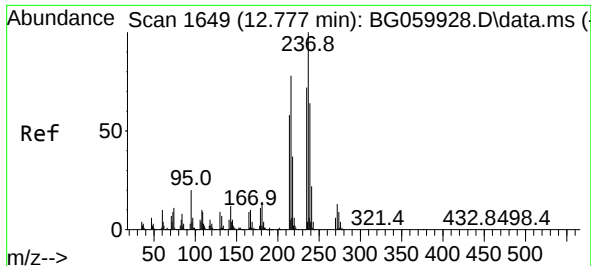
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.453 ng
RT: 12.793 min Scan# 1652
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:216 Resp: 420389
Ion Ratio Lower Upper
216 100
214 76.3 61.4 92.2
179 14.9 11.5 17.3
108 10.3 8.6 13.0





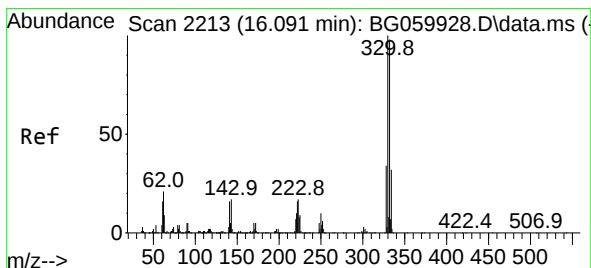
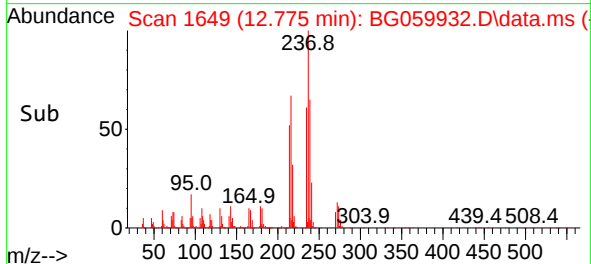
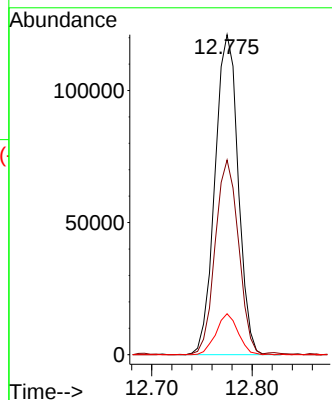
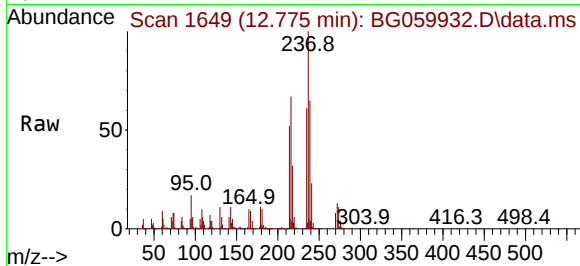
#41
Hexachlorocyclopentadiene
Concen: 43.245 ng
RT: 12.775 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
ICVBG120123

Tgt Ion:237 Resp: 19442
Ion Ratio Lower Upper
237 100
235 60.8 51.7 91.7
272 12.8 0.0 33.2

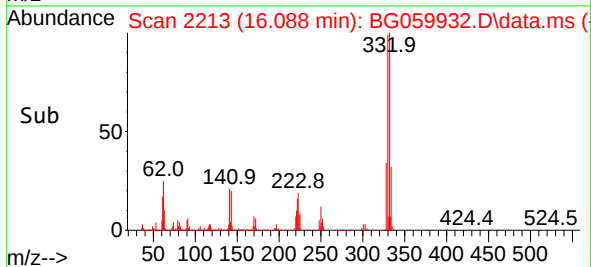
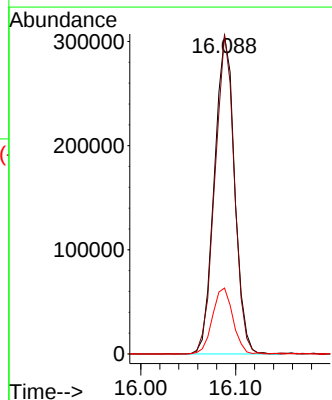
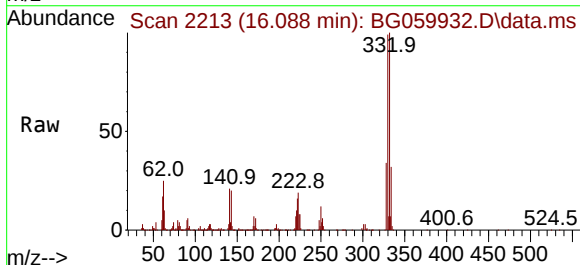
Manual Integrations
APPROVED

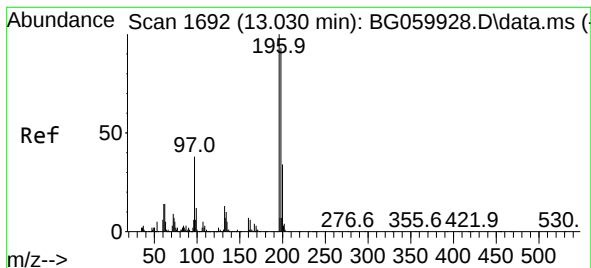
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#42
2,4,6-Tribromophenol
Concen: 93.359 ng
RT: 16.088 min Scan# 2213
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:330 Resp: 452437
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 20.9 14.6 22.0





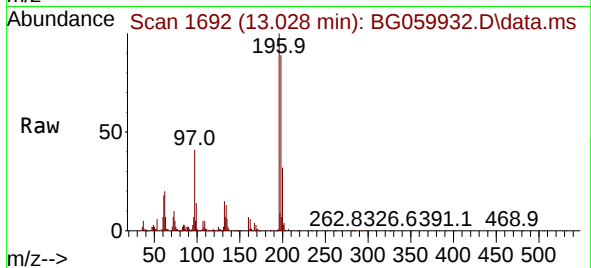
#43
2,4,6-Trichlorophenol
Concen: 44.648 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

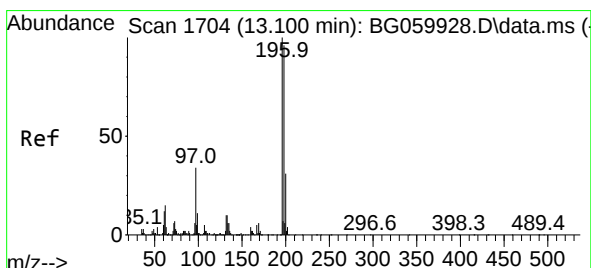
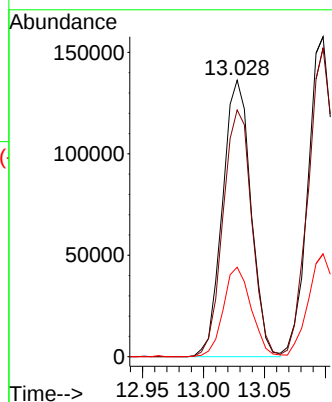
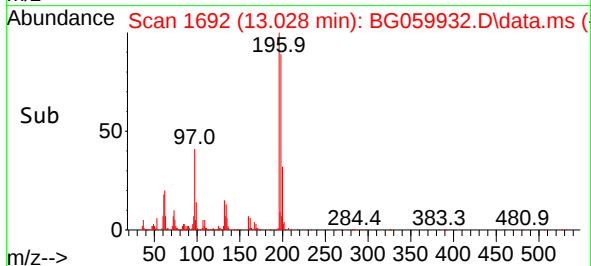


Tgt Ion:196 Resp: 22142
Ion Ratio Lower Upper
196 100
198 89.2 74.6 111.8
200 32.4 27.0 40.6

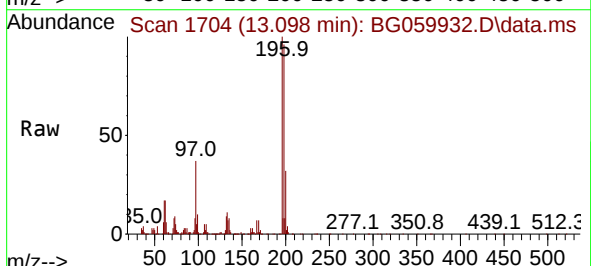
Manual Integrations

APPROVED

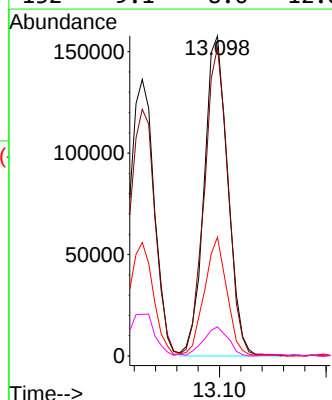
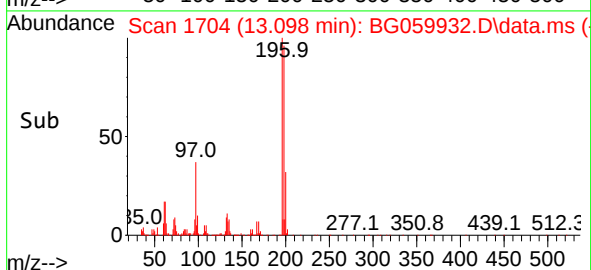
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

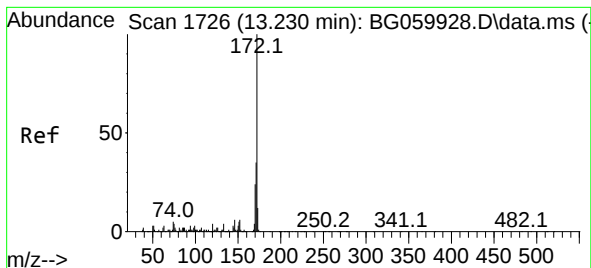


#44
2,4,5-Trichlorophenol
Concen: 44.284 ng
RT: 13.098 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion:196 Resp: 243764
Ion Ratio Lower Upper
196 100
198 96.4 76.3 114.5
97 37.1 26.9 40.3
132 9.1 8.6 12.8





#45
2-Fluorobiphenyl
Concen: 85.729 ng
RT: 13.227 min Scan# 1726
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

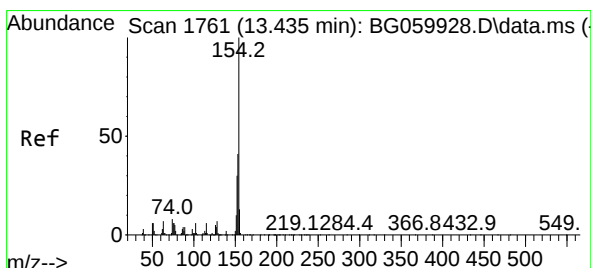
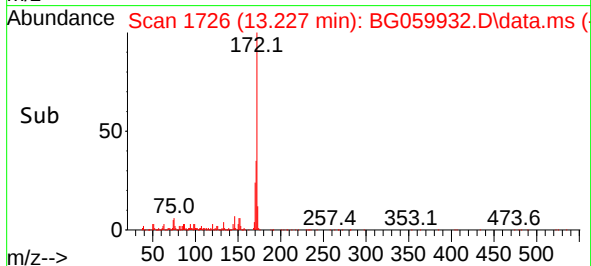
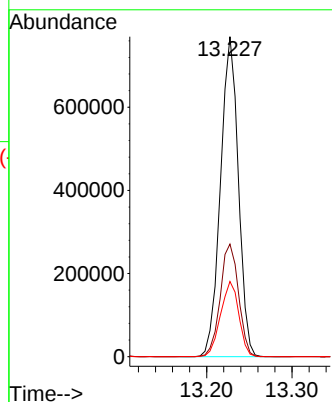
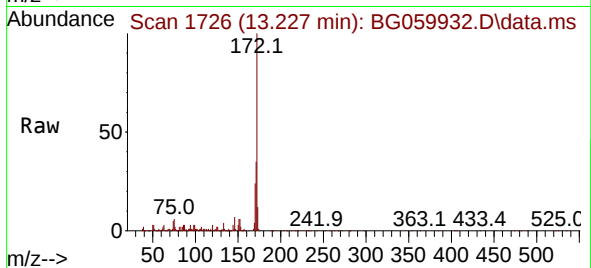
ICVBG120123

Tgt Ion:172 Resp: 111808
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.6 29.4

Manual Integrations

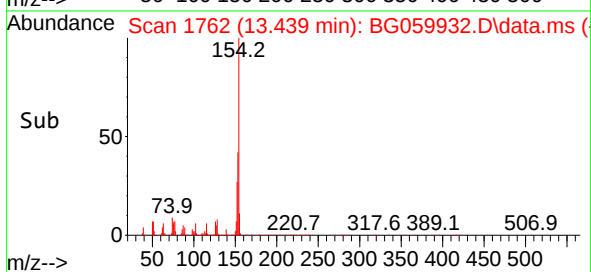
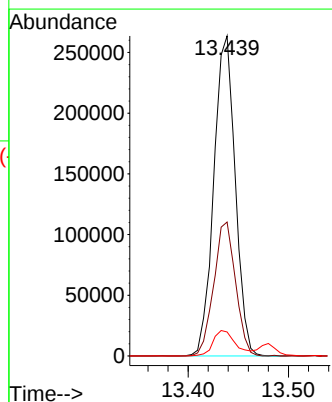
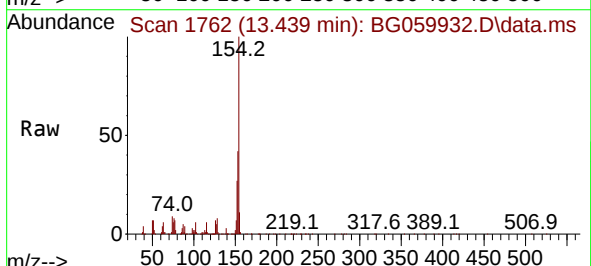
APPROVED

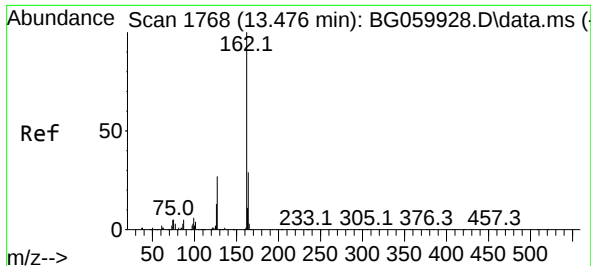
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#46
1,1'-Biphenyl
Concen: 40.978 ng
RT: 13.439 min Scan# 1762
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:154 Resp: 390310
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 7.5 0.0 26.4





#47

2-Chloronaphthalene

Concen: 40.908 ng

RT: 13.480 min Scan# 1768

Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

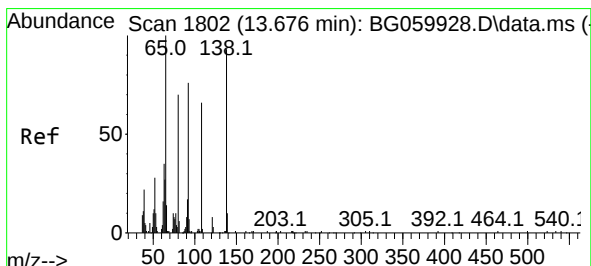
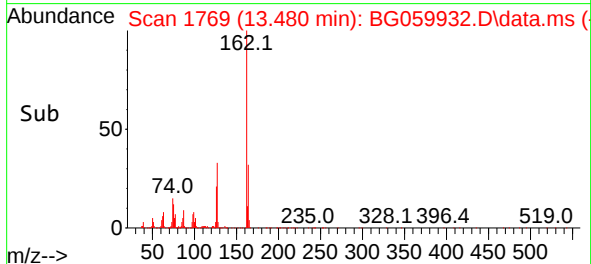
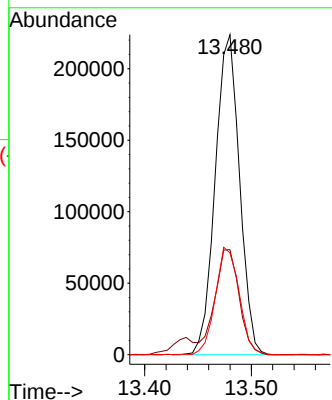
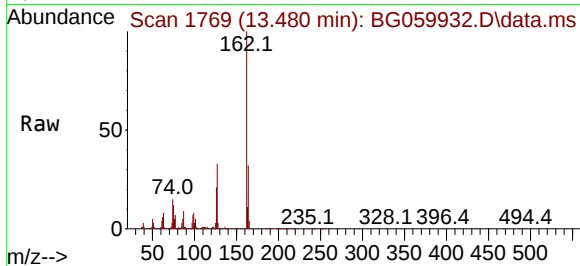
Tgt Ion:162 Resp: 353754

Ion	Ratio	Lower	Upper
162	100		
127	32.8	23.8	35.6
164	31.8	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#48

2-Nitroaniline

Concen: 44.507 ng

RT: 13.680 min Scan# 1803

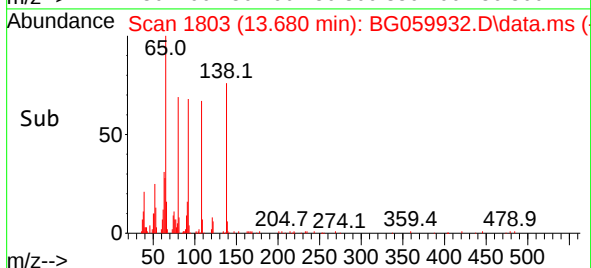
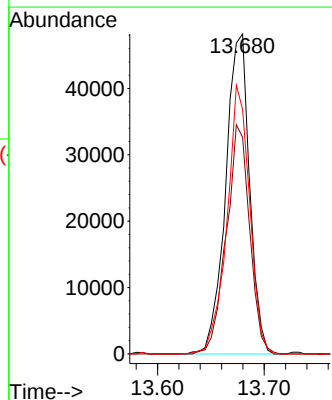
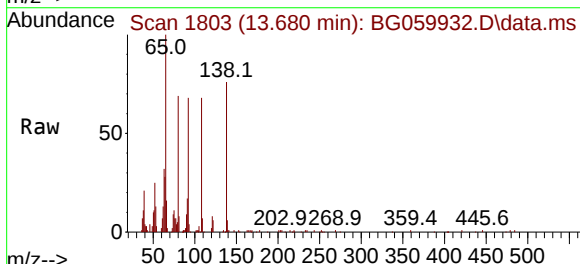
Delta R.T. 0.004 min

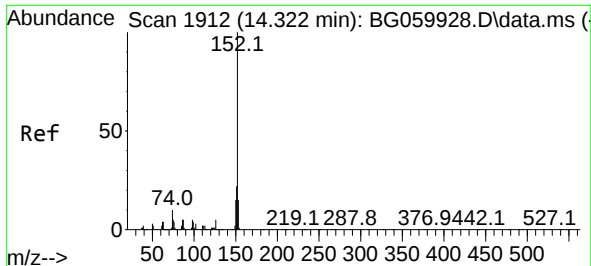
Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Tgt Ion: 65 Resp: 75053

Ion	Ratio	Lower	Upper
65	100		
92	67.8	60.8	91.2
138	76.5	74.4	111.6





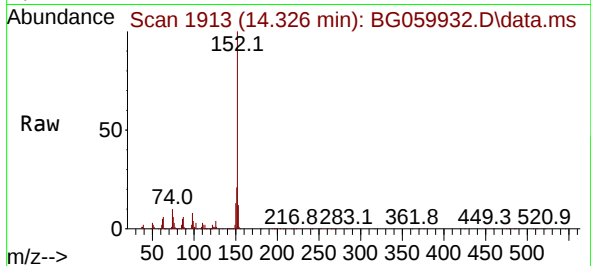
#49
Acenaphthylene
Concen: 41.405 ng
RT: 14.326 min Scan# 1912
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



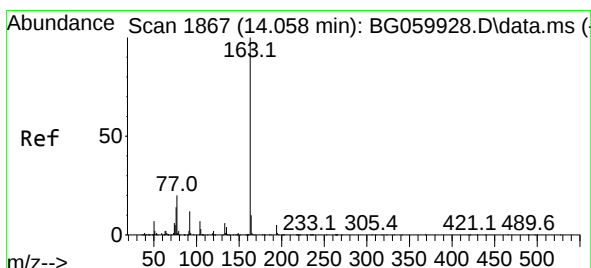
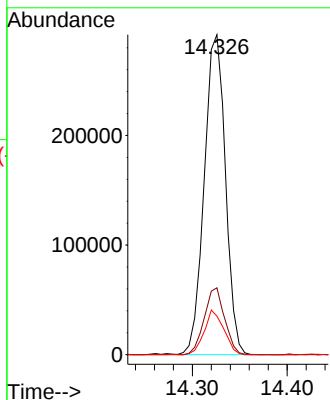
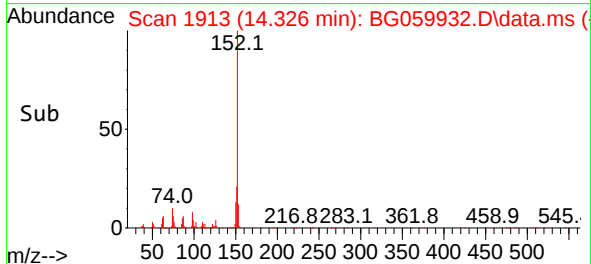
Tgt Ion:152 Resp: 452011
Ion Ratio Lower Upper
152 100
151 20.9 17.8 26.6
153 12.1 11.7 17.5

Manual Integrations

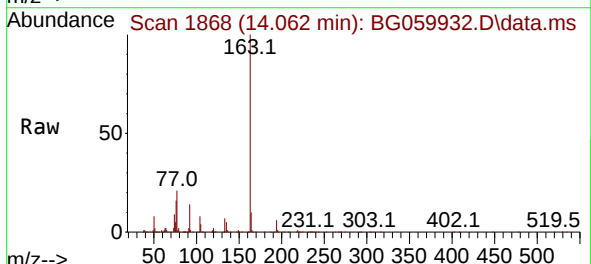
APPROVED

Reviewed By :Yogesh Patel 12/04/2023

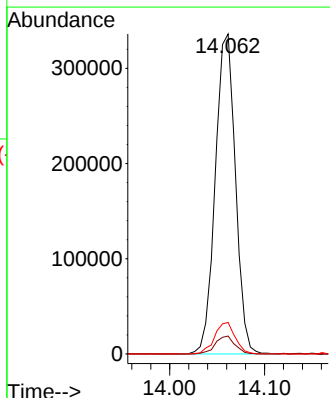
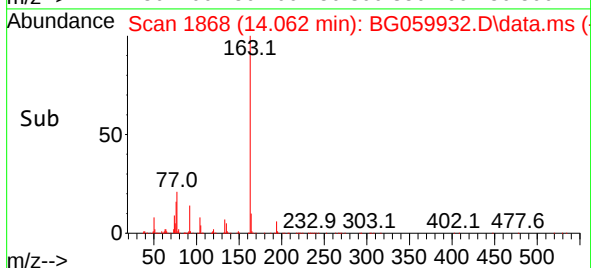
Supervised By :mohammad ahmed 12/04/2023

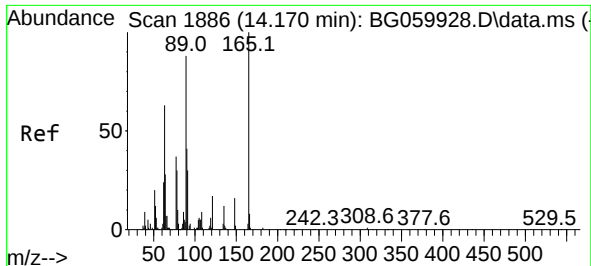


#50
Dimethylphthalate
Concen: 43.247 ng
RT: 14.062 min Scan# 1868
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



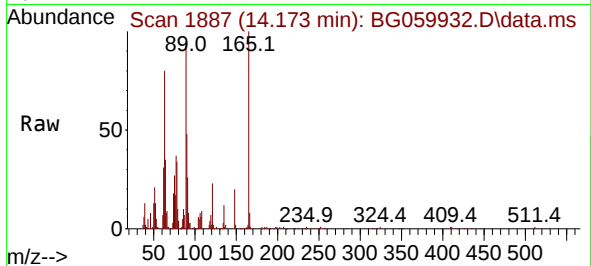
Tgt Ion:163 Resp: 497738
Ion Ratio Lower Upper
163 100
194 5.6 3.7 5.5#
164 9.8 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 39.031 ng
RT: 14.173 min Scan# 1886
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

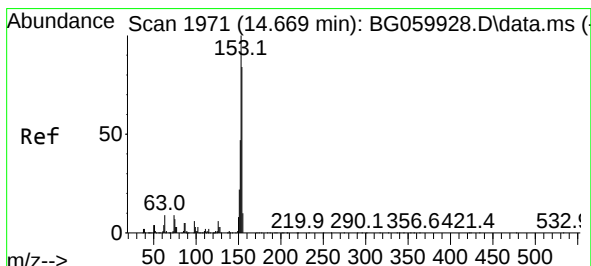
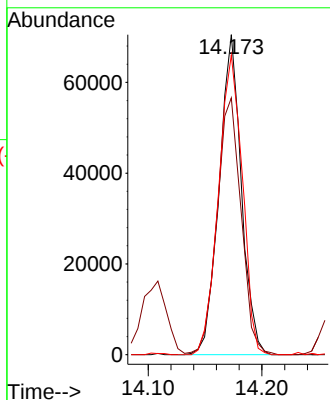
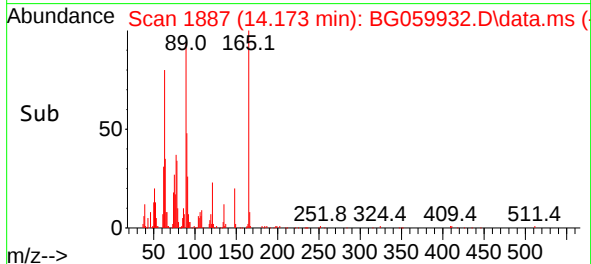
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



Tgt Ion:165 Resp: 95454
Ion Ratio Lower Upper
165 100
63 80.2 61.2 91.8
89 93.7 71.2 106.8

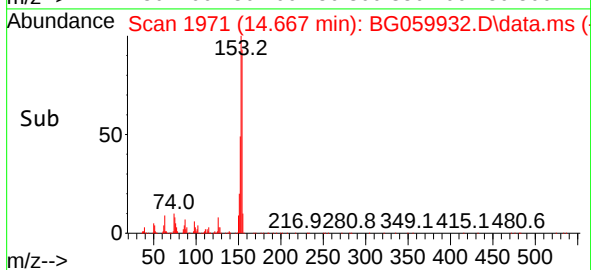
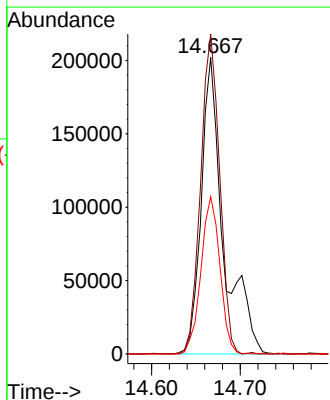
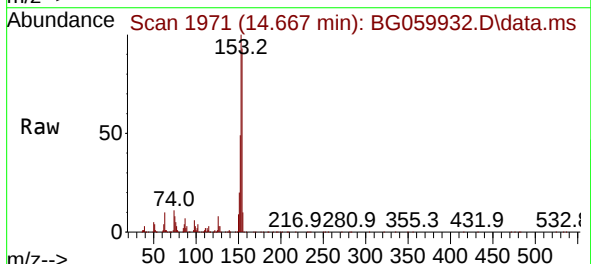
Manual Integrations
APPROVED

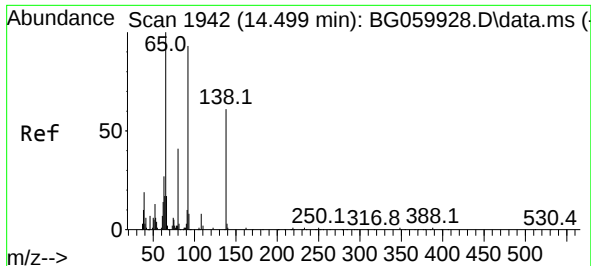
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#52
Acenaphthene
Concen: 42.538 ng m
RT: 14.667 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:154 Resp: 351930
Ion Ratio Lower Upper
154 100
153 107.9 95.1 142.7
152 53.1 45.0 67.4





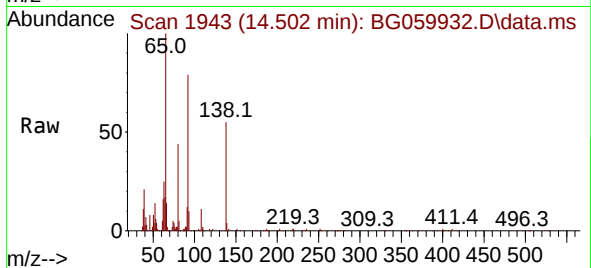
#53
3-Nitroaniline
Concen: 39.041 ng
RT: 14.502 min Scan# 1943
Delta R.T. 0.003 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

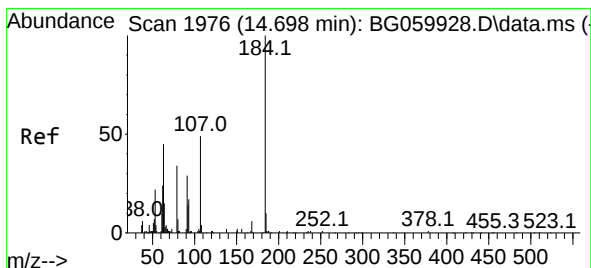
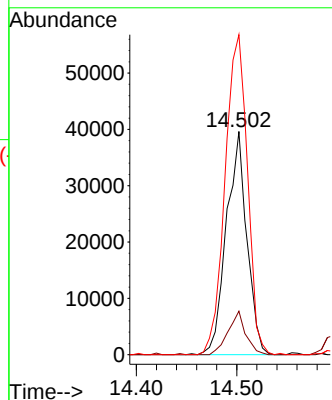
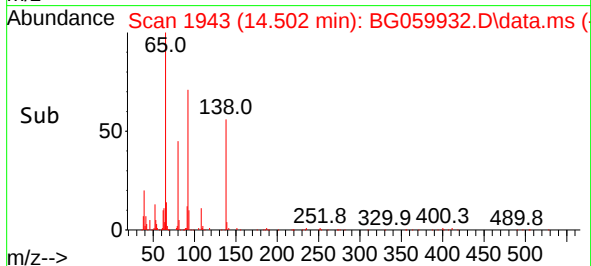


Tgt Ion:138 Resp: 5620
Ion Ratio Lower Upper
138 100
108 19.5 10.0 15.0
92 143.3 122.7 184.1

Manual Integrations

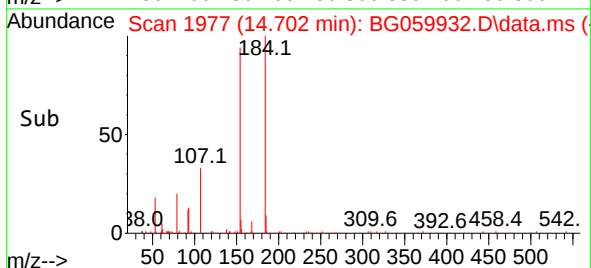
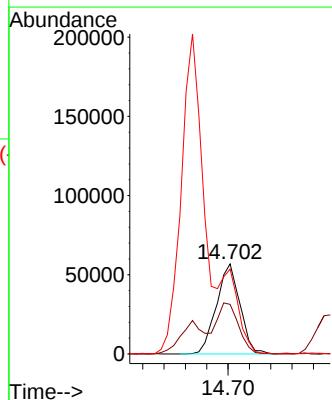
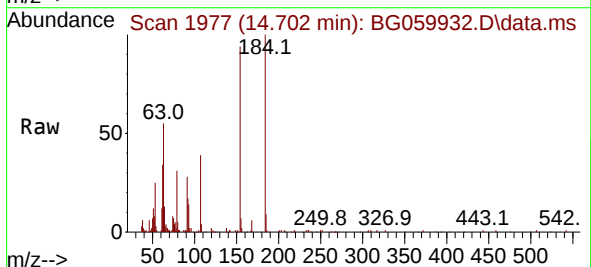
APPROVED

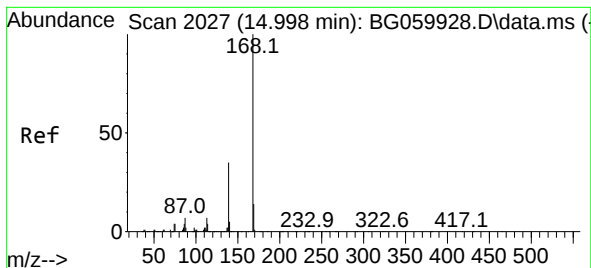
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#54
2,4-Dinitrophenol
Concen: 42.004 ng
RT: 14.702 min Scan# 1977
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

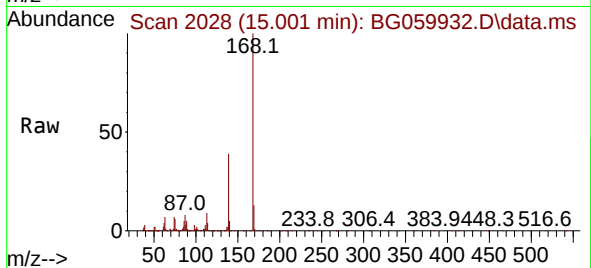
Tgt Ion:184 Resp: 86993
Ion Ratio Lower Upper
184 100
63 55.0 46.2 69.2
154 94.1 67.8 101.8





#55
Dibenzenofuran
Concen: 41.811 ng
RT: 15.001 min Scan# 20
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

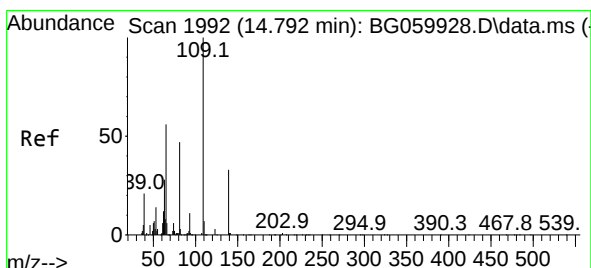
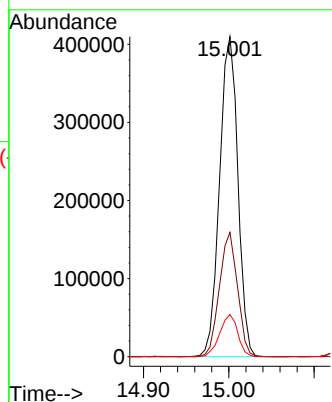
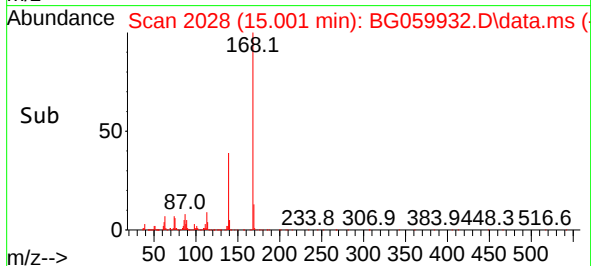
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



Tgt Ion:168 Resp: 610180
Ion Ratio Lower Upper
168 100
139 38.8 27.8 41.6
169 13.2 11.1 16.7

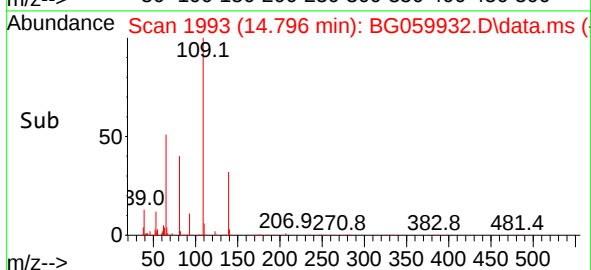
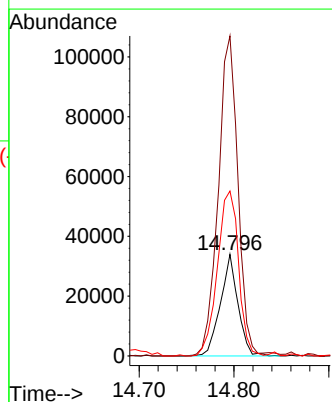
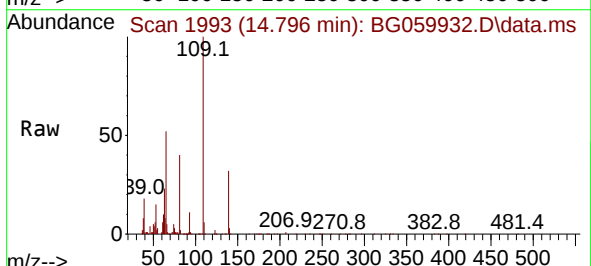
Manual Integrations
APPROVED

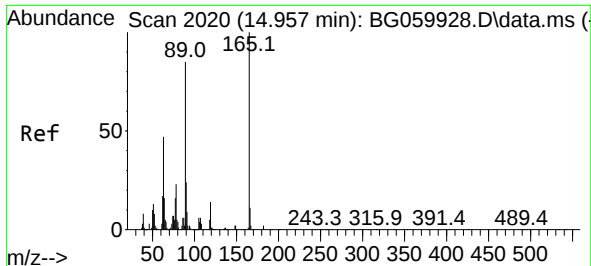
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#56
4-Nitrophenol
Concen: 38.790 ng
RT: 14.796 min Scan# 1993
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:139 Resp: 43784
Ion Ratio Lower Upper
139 100
109 315.0 279.6 319.6
65 162.5 148.0 188.0





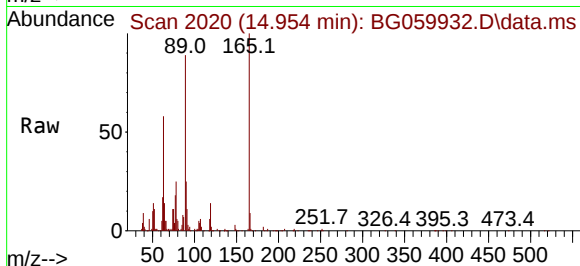
#57
2,4-Dinitrotoluene
Concen: 40.870 ng
RT: 14.954 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

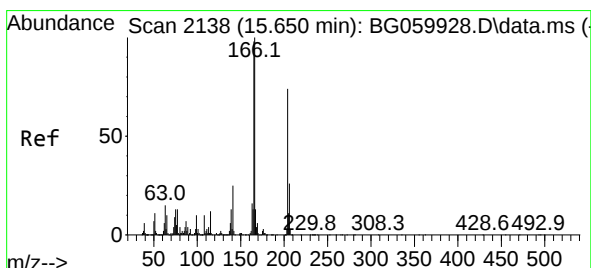
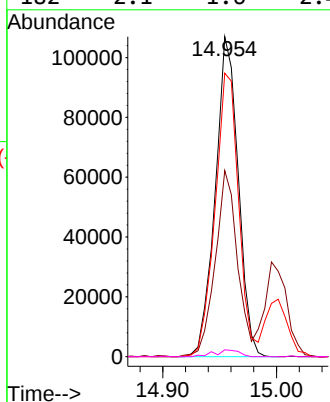
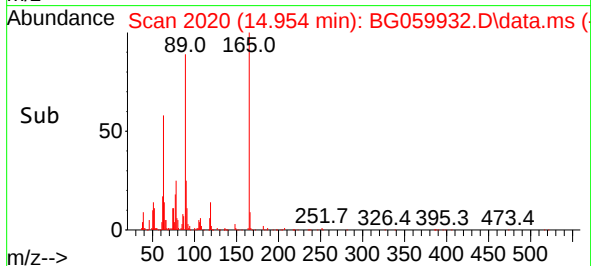


Tgt Ion:165 Resp: 15015
Ion Ratio Lower Upper
165 100
63 58.2 37.8 56.8
89 88.6 67.8 101.6
182 2.1 1.6 2.4

Manual Integrations

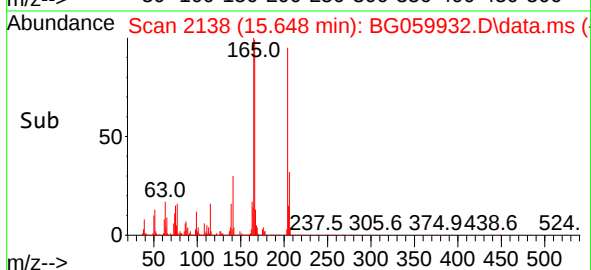
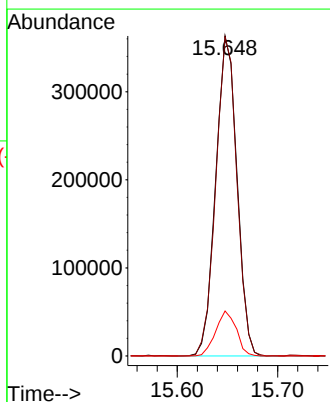
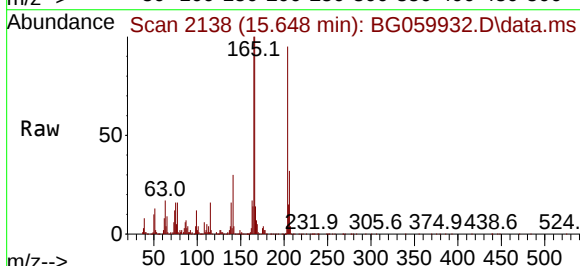
APPROVED

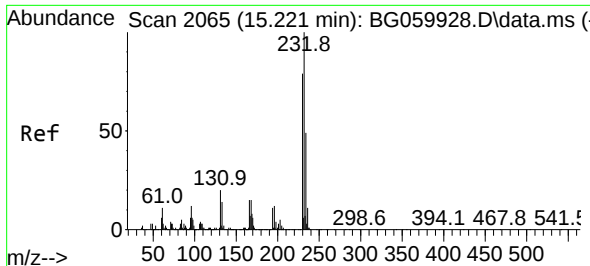
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#58
Fluorene
Concen: 41.405 ng
RT: 15.648 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:166 Resp: 532836
Ion Ratio Lower Upper
166 100
165 99.7 78.6 118.0
167 14.1 10.5 15.7





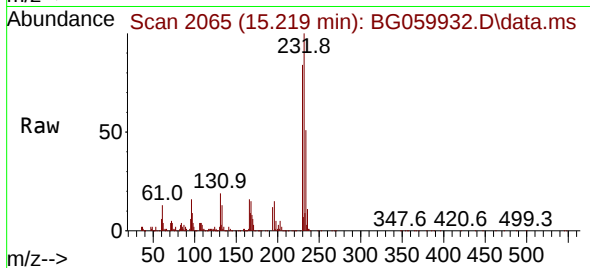
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.111 ng
RT: 15.219 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

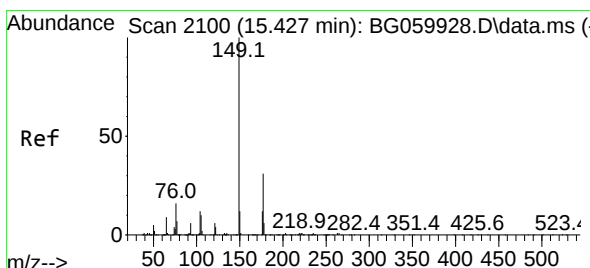
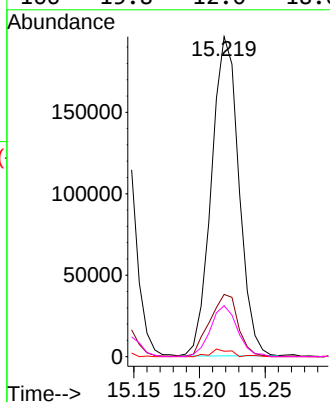
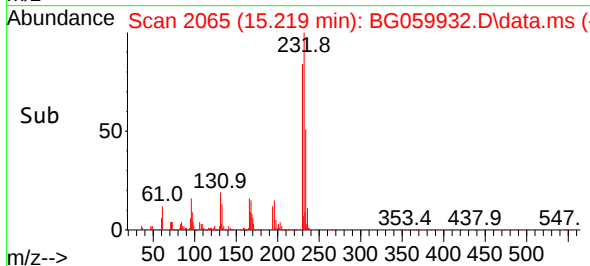


Tgt Ion:232 Resp: 285261
Ion Ratio Lower Upper
232 100
131 20.2 15.4 23.0
130 1.9 1.5 2.3
166 15.8 12.0 18.0

Manual Integrations

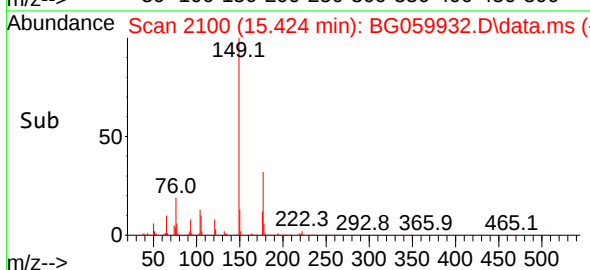
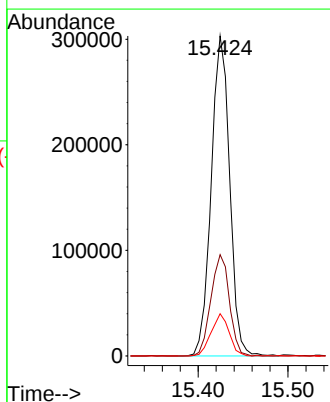
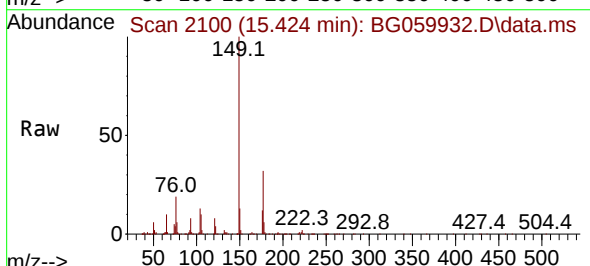
APPROVED

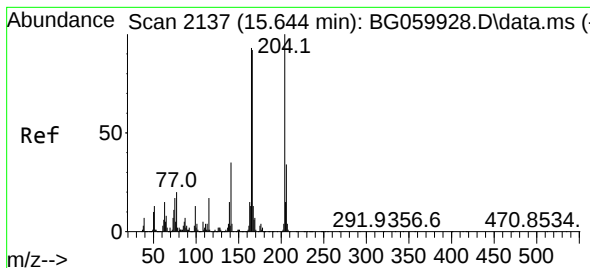
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#60
Diethylphthalate
Concen: 44.403 ng
RT: 15.424 min Scan# 2100
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:149 Resp: 432481
Ion Ratio Lower Upper
149 100
177 31.6 24.4 36.6
150 13.2 9.9 14.9





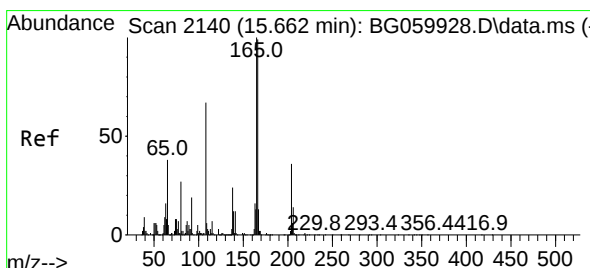
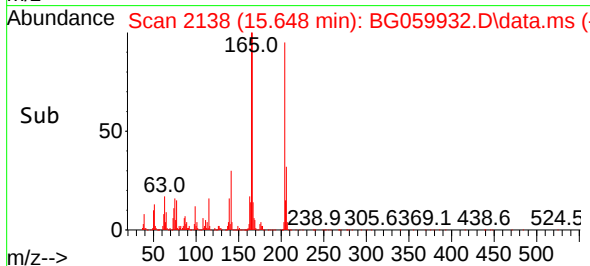
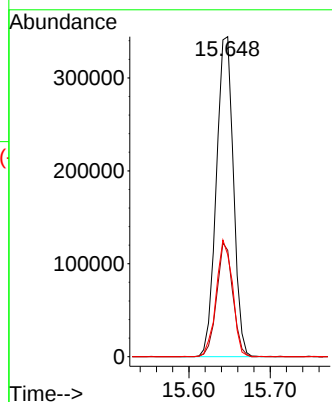
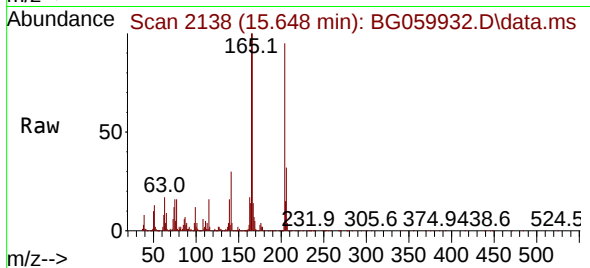
#61
4-Chlorophenyl-phenylether
Concen: 44.359 ng
RT: 15.648 min Scan# 2137
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
ICVBG120123

Tgt Ion:204 Resp: 50314
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 31.8 27.6 41.4

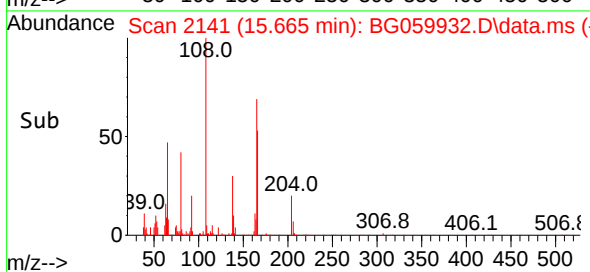
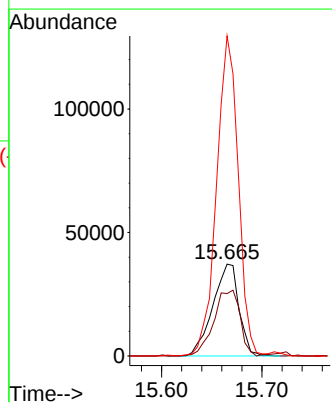
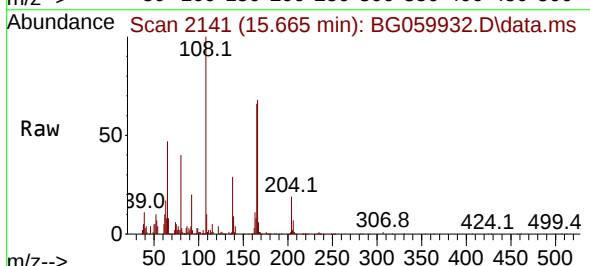
Manual Integrations
APPROVED

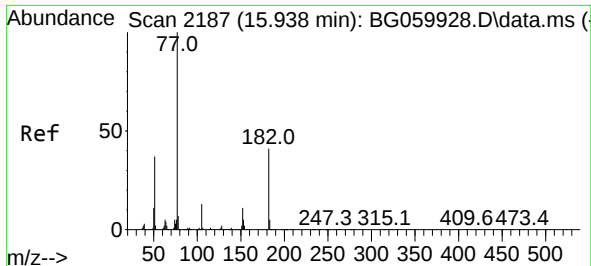
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#62
4-Nitroaniline
Concen: 40.485 ng
RT: 15.665 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:138 Resp: 67209
Ion Ratio Lower Upper
138 100
92 67.9 59.4 99.4
108 348.2 262.2 302.2#





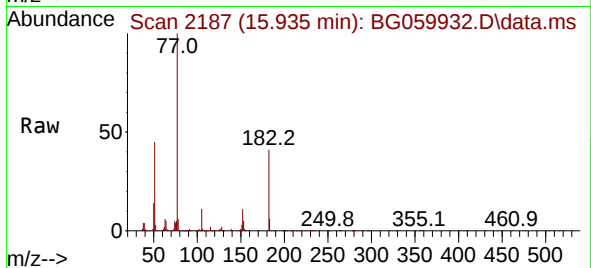
#63
Azobenzene
Concen: 43.952 ng
RT: 15.935 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

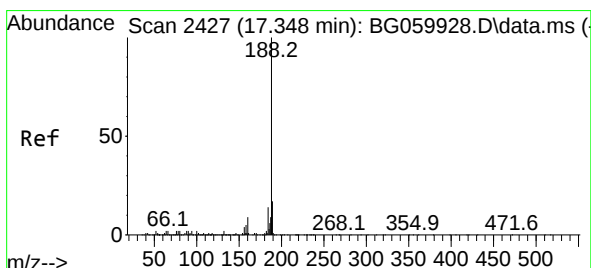
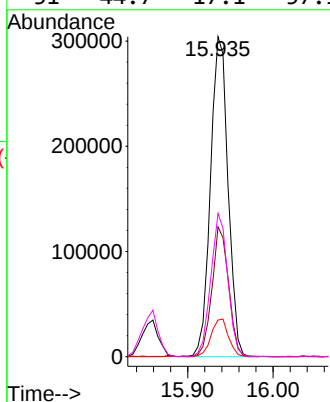
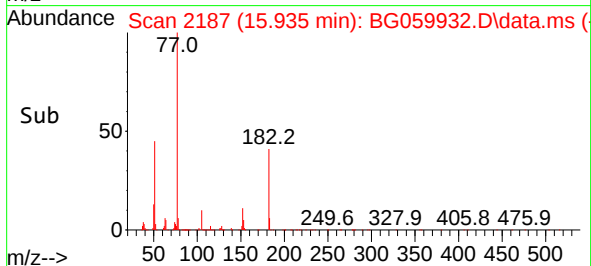


Tgt Ion: 77 Resp: 435149
Ion Ratio Lower Upper
77 100
182 40.5 20.9 60.9
105 11.5 0.0 32.6
51 44.7 17.1 57.1

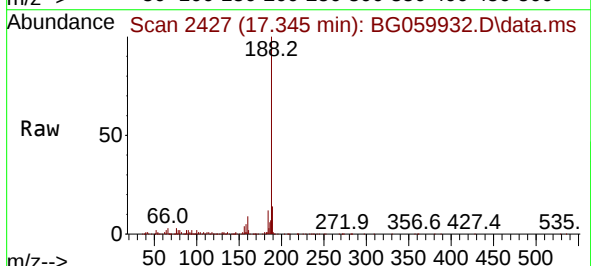
Manual Integrations

APPROVED

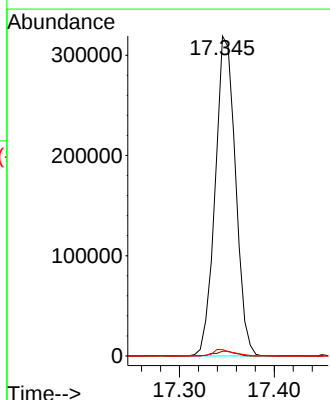
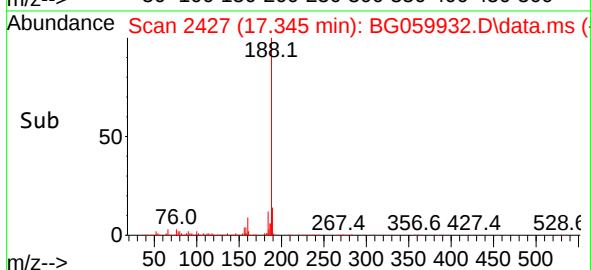
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

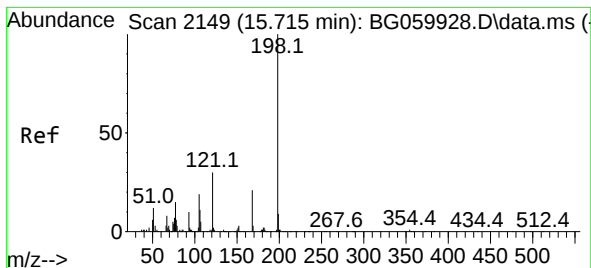


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



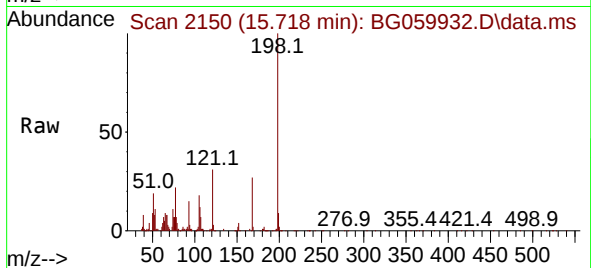
Tgt Ion:188 Resp: 475216
Ion Ratio Lower Upper
188 100
94 1.5 1.3 1.9
80 2.0 1.8 2.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.723 ng
RT: 15.718 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

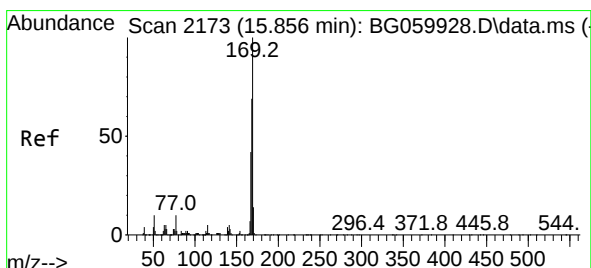
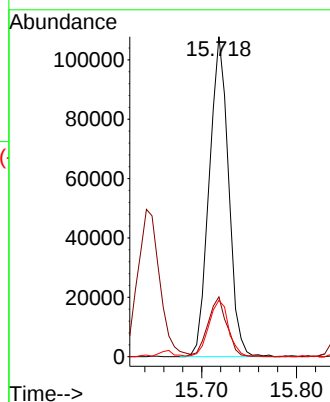
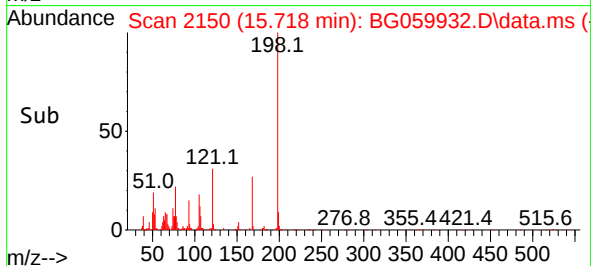
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



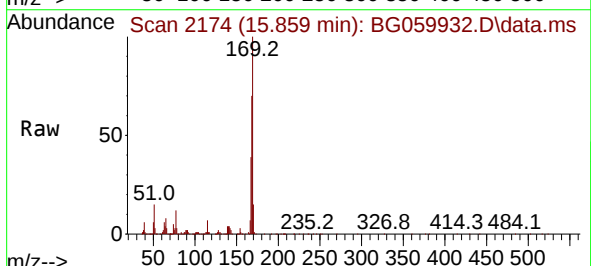
Tgt Ion:198 Resp: 152349
Ion Ratio Lower Upper
198 100
51 18.7 0.0 36.3
105 17.6 0.0 39.9

Manual Integrations
APPROVED

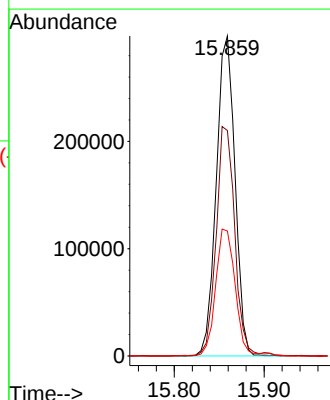
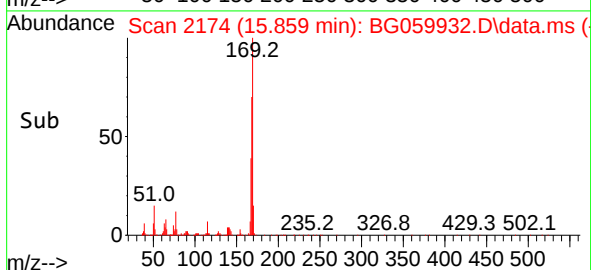
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

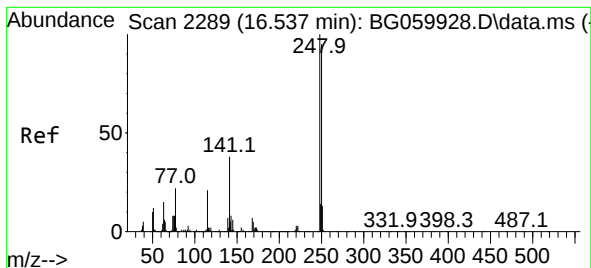


#66
n-Nitrosodiphenylamine
Concen: 42.174 ng
RT: 15.859 min Scan# 2174
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



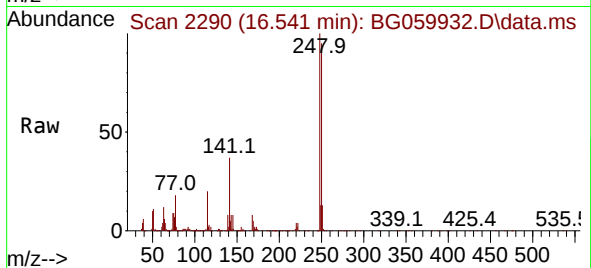
Tgt Ion:169 Resp: 431064
Ion Ratio Lower Upper
169 100
168 70.4 54.9 82.3
167 39.0 33.8 50.8





#67
4-Bromophenyl-phenylether
Concen: 43.738 ng
RT: 16.541 min Scan# 2109
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

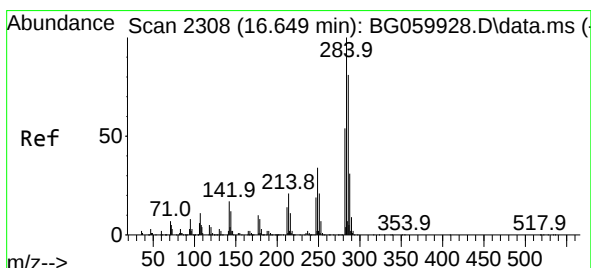
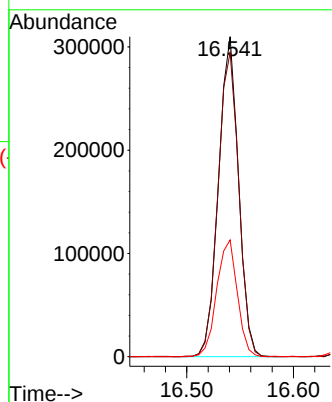
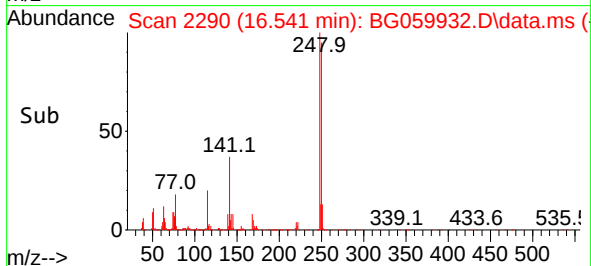
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



Tgt Ion:248 Resp: 40285
Ion Ratio Lower Upper
248 100
250 95.1 76.1 114.1
141 36.5 30.2 45.4

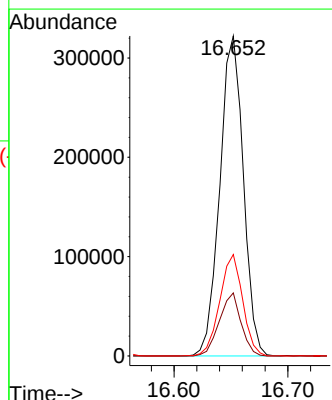
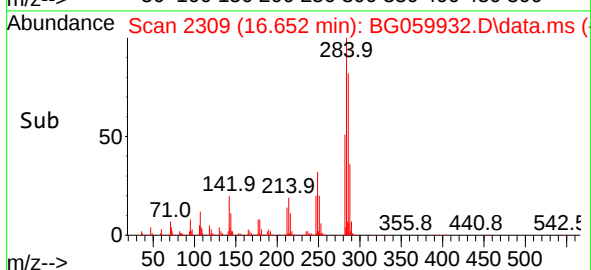
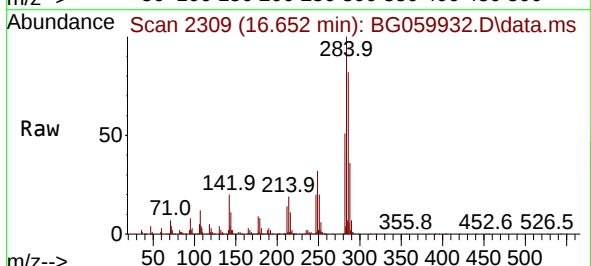
Manual Integrations
APPROVED

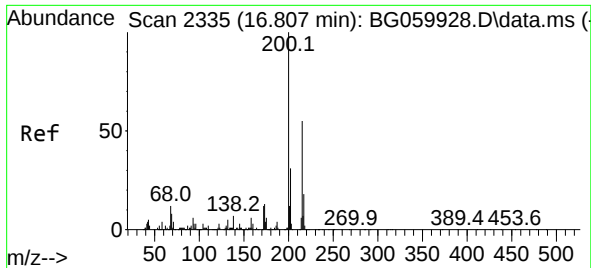
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#68
Hexachlorobenzene
Concen: 44.822 ng
RT: 16.652 min Scan# 2309
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

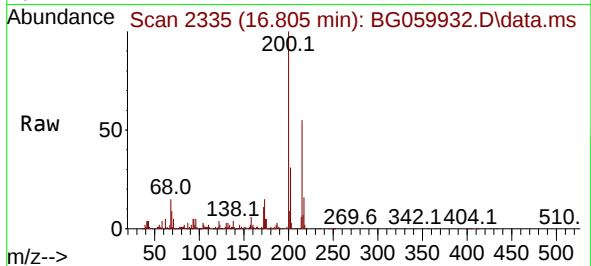
Tgt Ion:284 Resp: 463067
Ion Ratio Lower Upper
284 100
142 19.7 14.0 21.0
249 31.7 27.2 40.8





#69
Atrazine
Concen: 42.865 ng
RT: 16.805 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

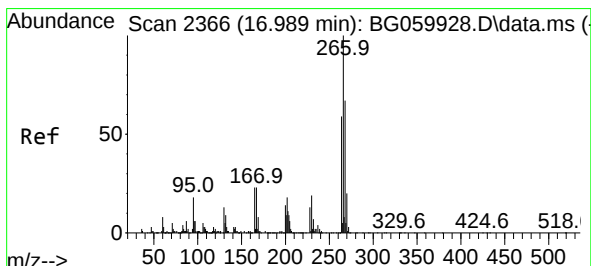
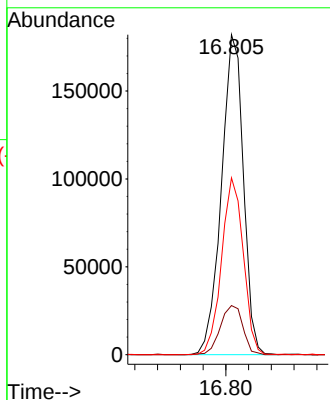
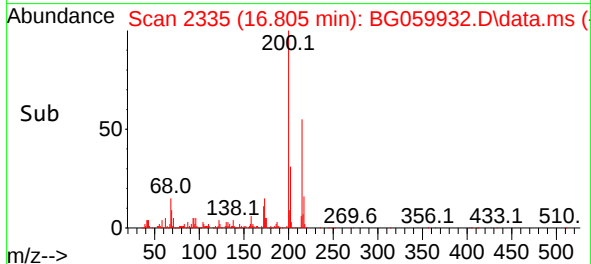
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



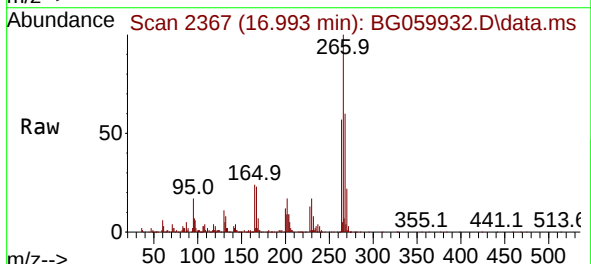
Tgt Ion:200 Resp: 243978
Ion Ratio Lower Upper
200 100
173 15.4 0.0 33.0
215 55.3 34.6 74.6

Manual Integrations
APPROVED

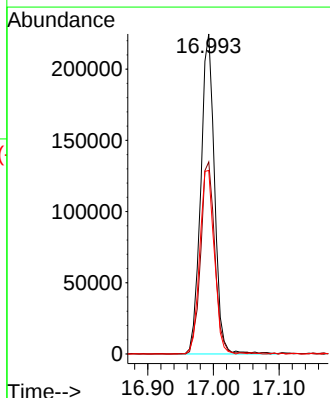
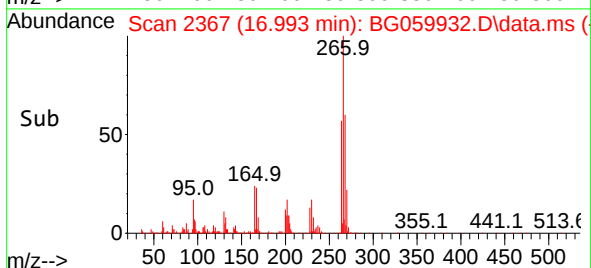
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

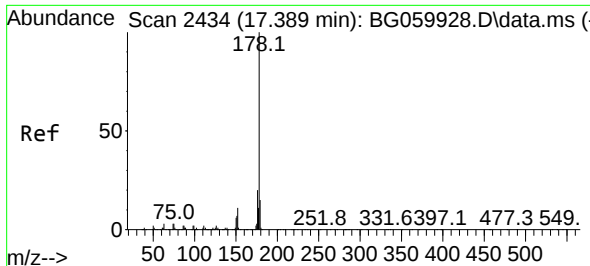


#70
Pentachlorophenol
Concen: 47.155 ng
RT: 16.993 min Scan# 2367
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion:266 Resp: 328465
Ion Ratio Lower Upper
266 100
268 60.0 53.4 80.2
264 57.4 47.5 71.3





#71
Phenanthrene
Concen: 41.067 ng
RT: 17.392 min Scan# 2434
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

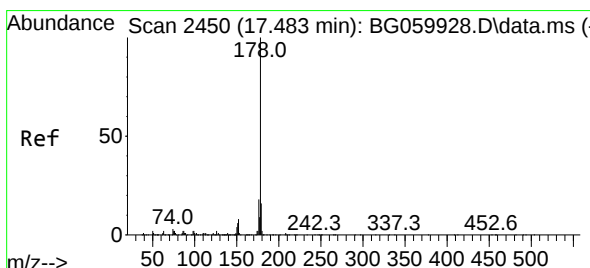
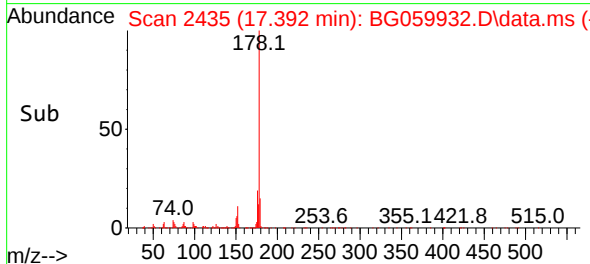
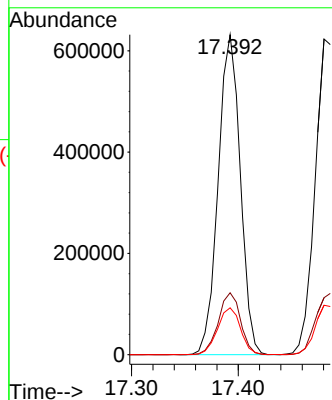
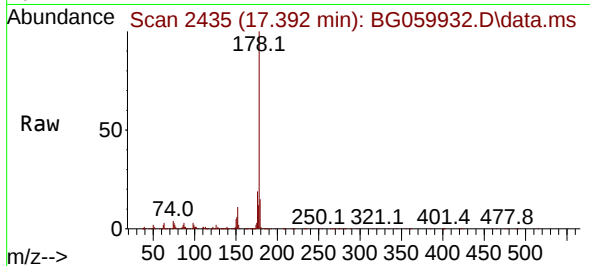
ICVBG120123

Tgt Ion:178 Resp: 908358
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 14.7 12.0 18.0

Manual Integrations

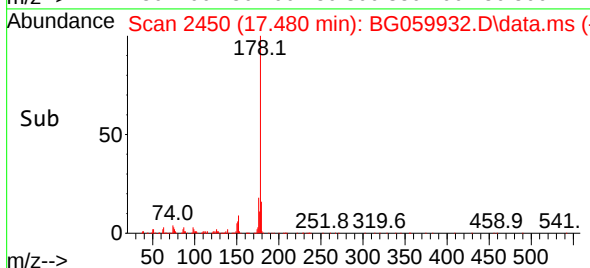
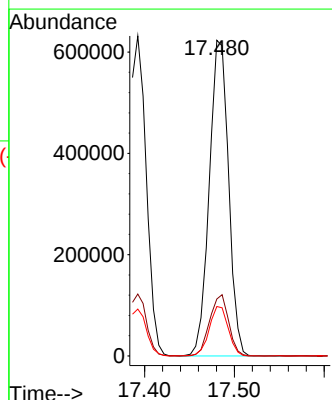
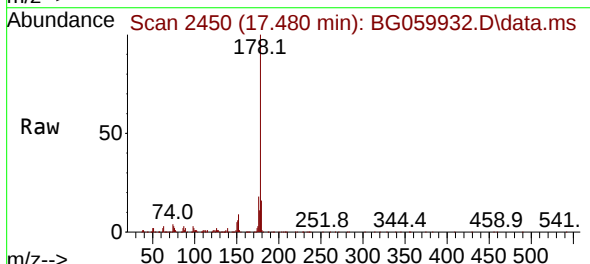
APPROVED

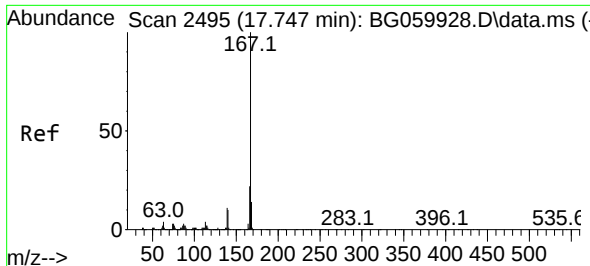
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#72
Anthracene
Concen: 41.547 ng
RT: 17.480 min Scan# 2450
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

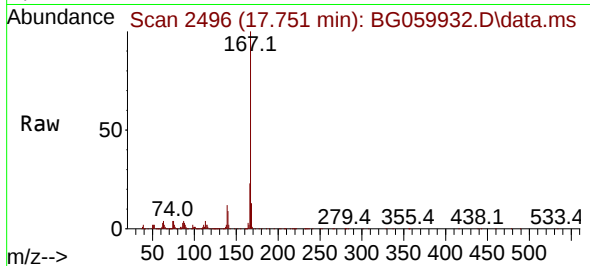
Tgt Ion:178 Resp: 928767
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 41.535 ng
 RT: 17.751 min Scan# 2496
 Delta R.T. 0.004 min
 Lab File: BG059932.D
 Acq: 2 Dec 2023 00:36

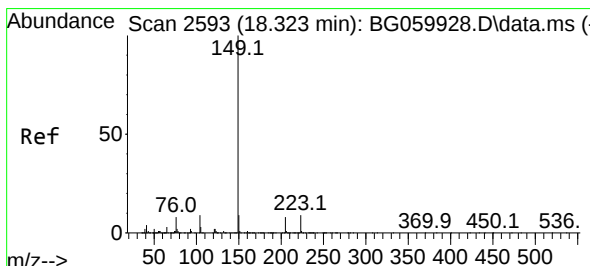
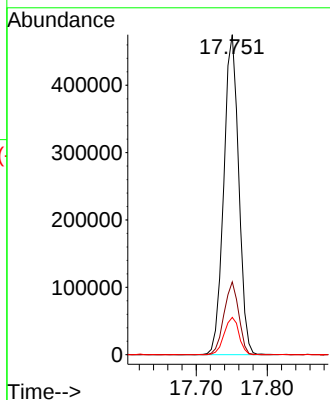
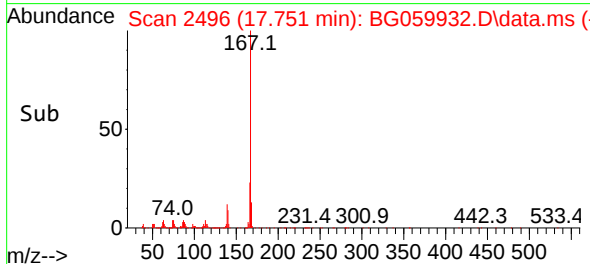
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120123



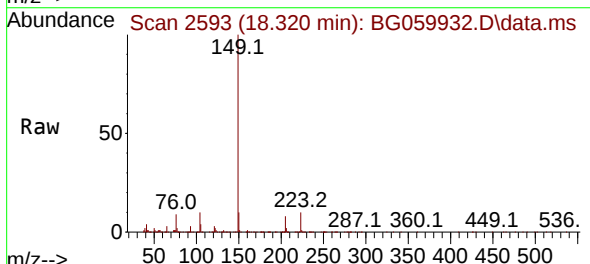
Tgt Ion:167 Resp: 689385
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.8
 139 11.6 8.9 13.3

Manual Integrations
 APPROVED

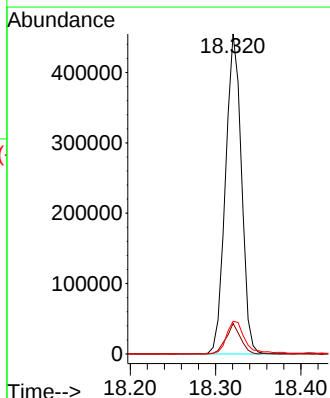
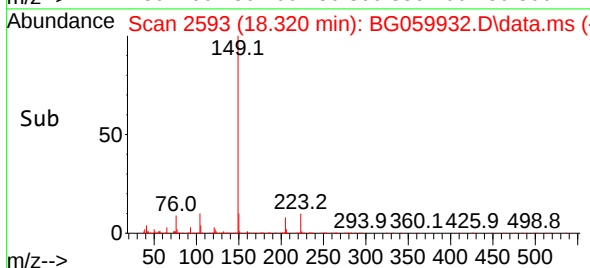
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

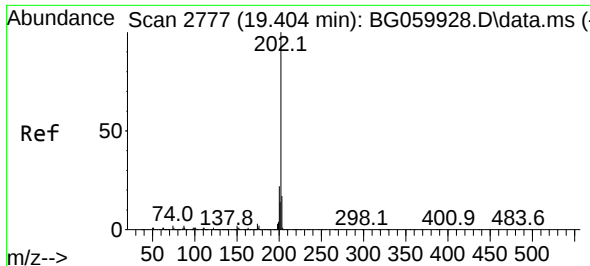


#74
 Di-n-butylphthalate
 Concen: 43.385 ng
 RT: 18.320 min Scan# 2593
 Delta R.T. -0.002 min
 Lab File: BG059932.D
 Acq: 2 Dec 2023 00:36



Tgt Ion:149 Resp: 590211
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 10.2 7.4 11.2





#75
Fluoranthene
Concen: 42.322 ng
RT: 19.407 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

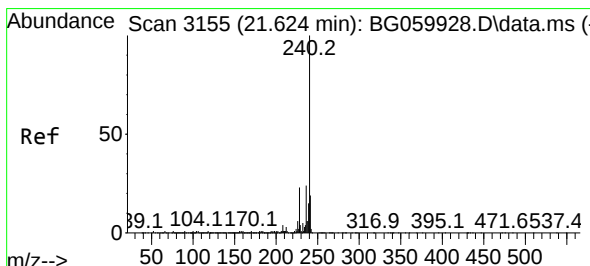
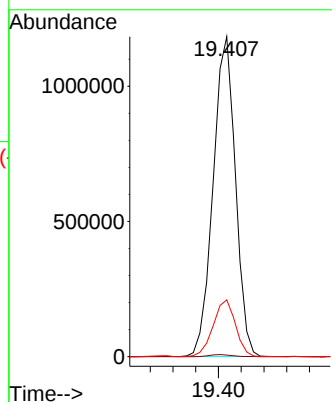
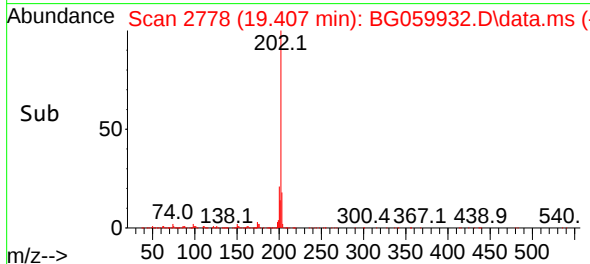
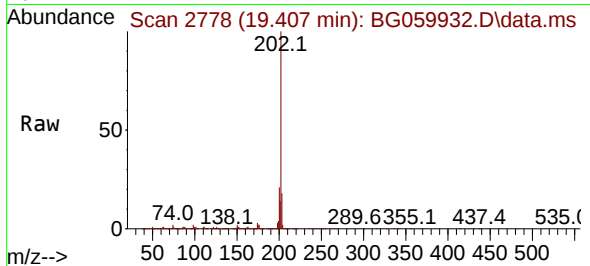
Tgt Ion:202 Resp: 160974
Ion Ratio Lower Upper
202 100
101 0.5 0.0 20.8
203 17.8 0.0 37.1

Manual Integrations

APPROVED

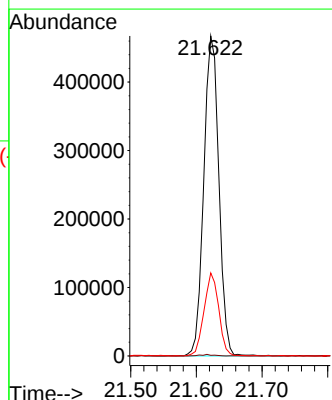
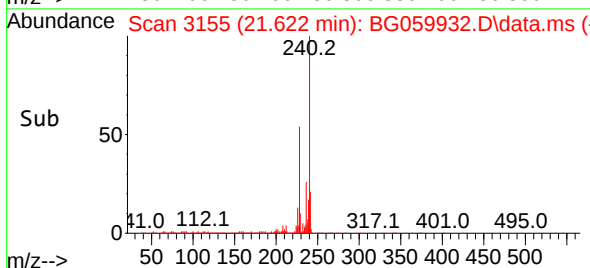
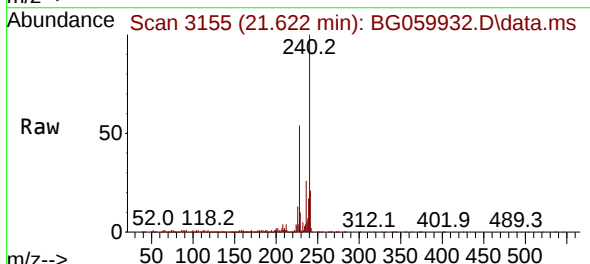
Reviewed By :Yogesh Patel 12/04/2023

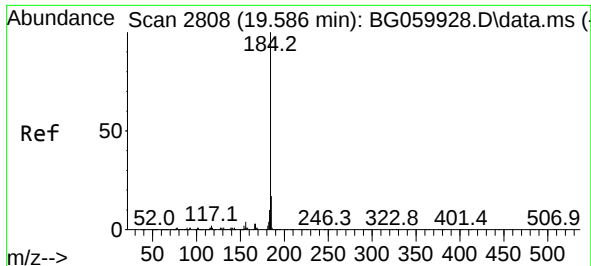
Supervised By :mohammad ahmed 12/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:240 Resp: 749067
Ion Ratio Lower Upper
240 100
120 0.2 0.6 1.0#
236 25.9 19.5 29.3





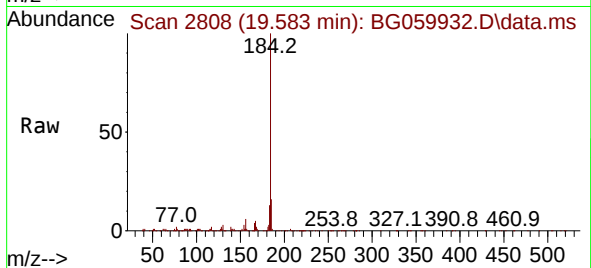
#77
Benzidine
Concen: 38.394 ng
RT: 19.583 min Scan# 2808
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123



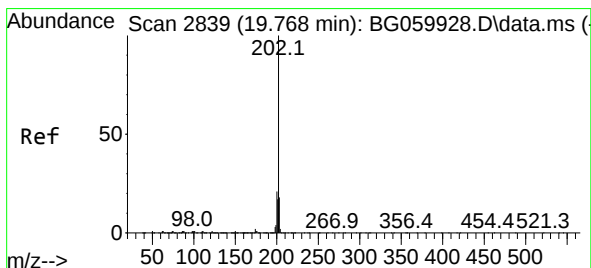
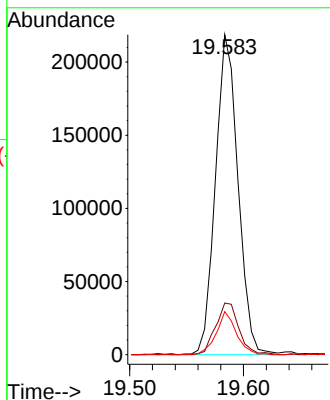
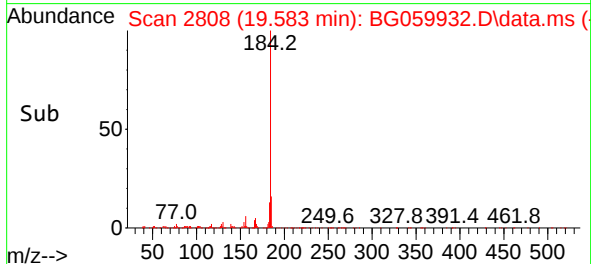
Tgt Ion:184 Resp: 30143
Ion Ratio Lower Upper
184 100
185 16.1 13.3 19.9
183 13.5 8.2 12.4

Manual Integrations

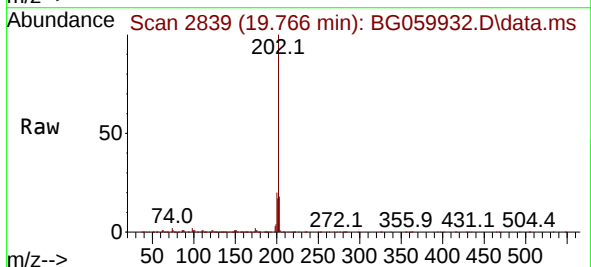
APPROVED

Reviewed By :Yogesh Patel 12/04/2023

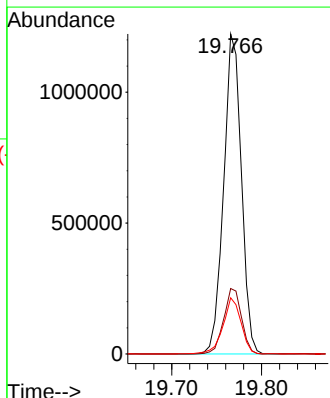
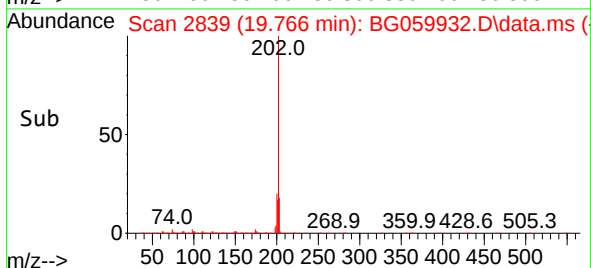
Supervised By :mohammad ahmed 12/04/2023

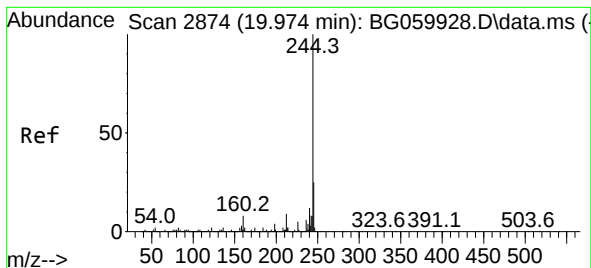


#78
Pyrene
Concen: 41.477 ng
RT: 19.766 min Scan# 2839
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36



Tgt Ion:202 Resp: 1672851
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 84.919 ng

RT: 19.971 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Tgt Ion:244 Resp: 376855

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

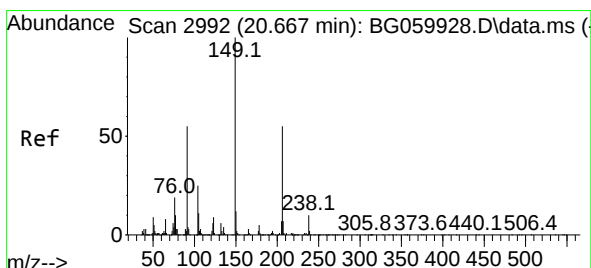
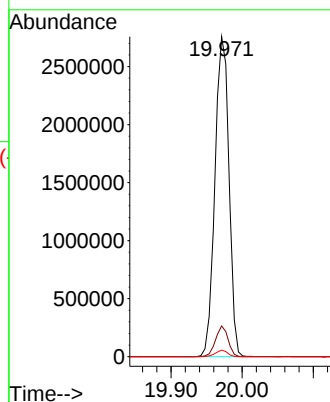
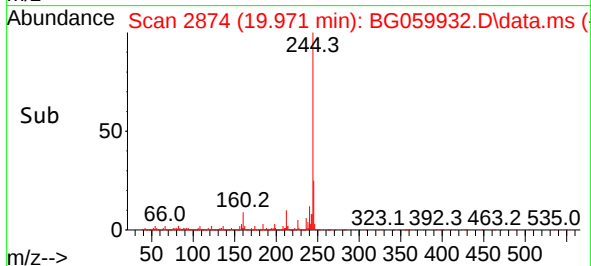
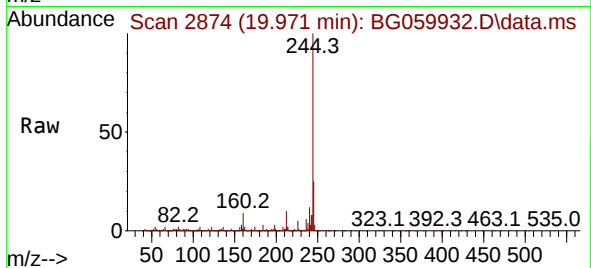
122 2.0 1.7 2.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#80

Butylbenzylphthalate

Concen: 38.824 ng

RT: 20.664 min Scan# 2992

Delta R.T. -0.002 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

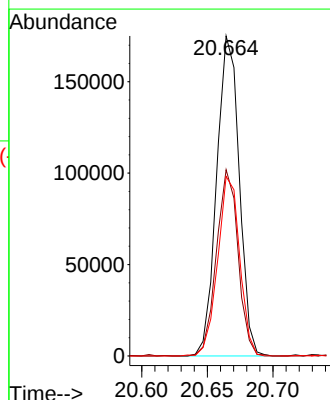
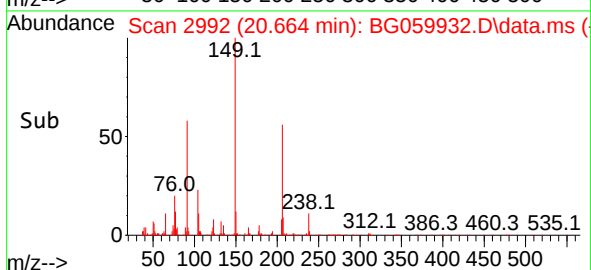
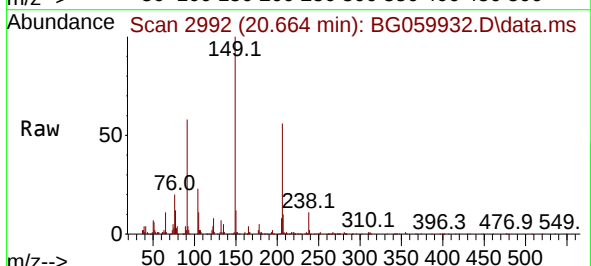
Tgt Ion:149 Resp: 208526

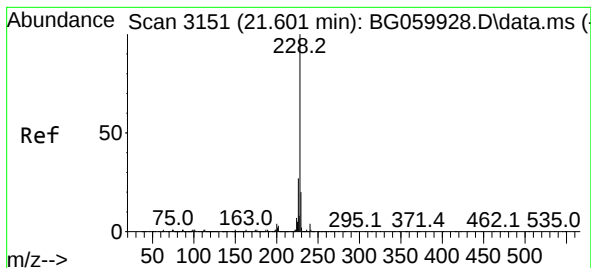
Ion Ratio Lower Upper

149 100

91 58.2 43.9 65.9

206 56.1 43.8 65.6





#81

Benzo(a)anthracene

Concen: 42.996 ng

RT: 21.604 min Scan# 3151

Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Tgt Ion:228 Resp: 211751

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

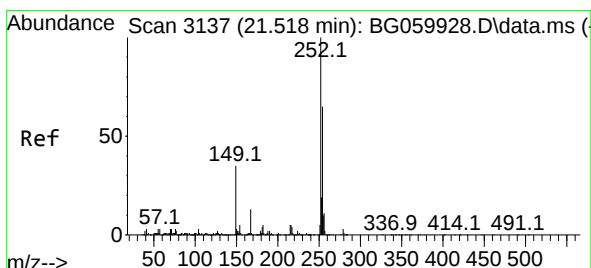
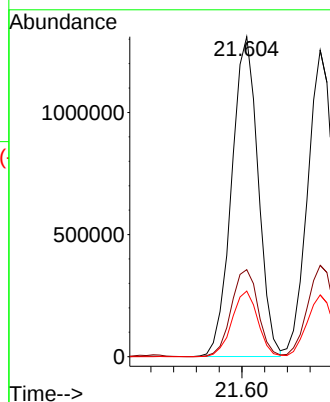
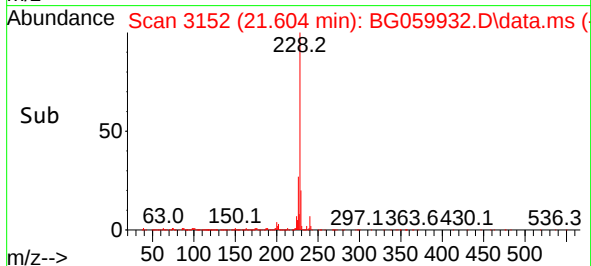
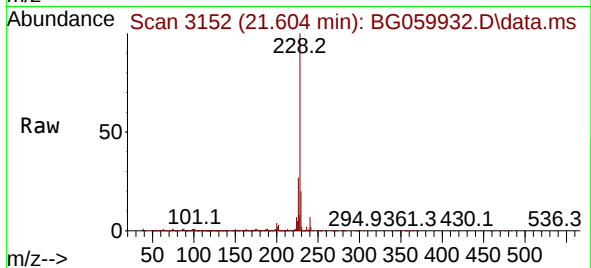
229 20.5 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.576 ng

RT: 21.522 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

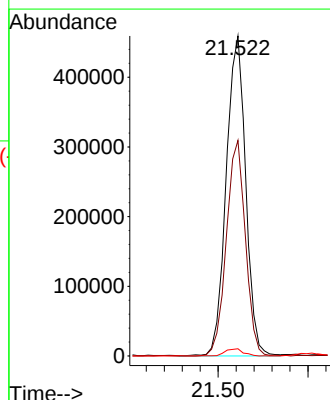
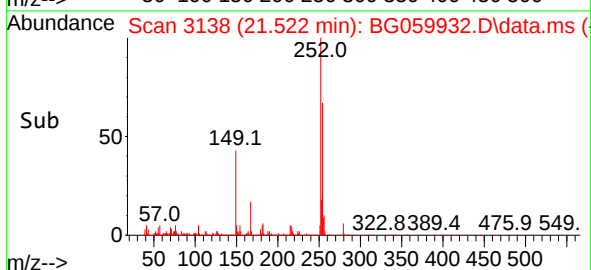
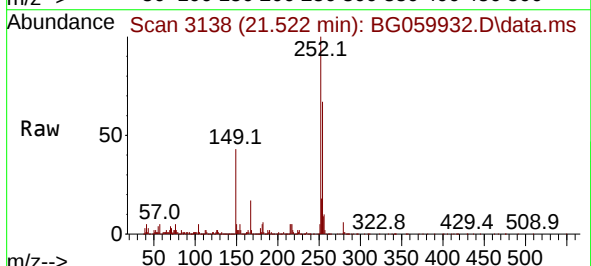
Tgt Ion:252 Resp: 691785

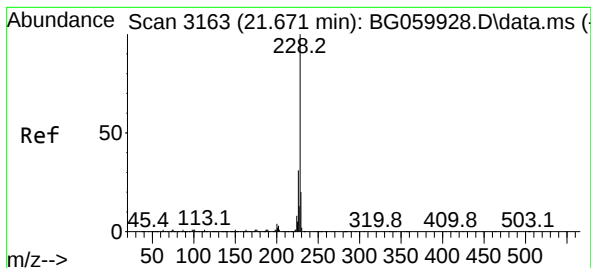
Ion Ratio Lower Upper

252 100

254 67.3 51.7 77.5

126 2.3 1.0 1.4#





#83

Chrysene

Concen: 41.891 ng

RT: 21.669 min Scan# 3163

Delta R.T. -0.002 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Tgt Ion:228 Resp: 195950

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

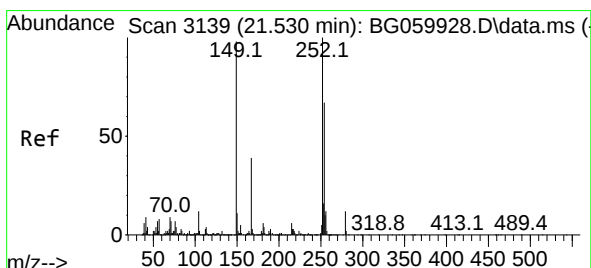
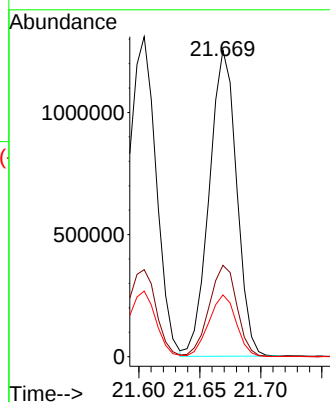
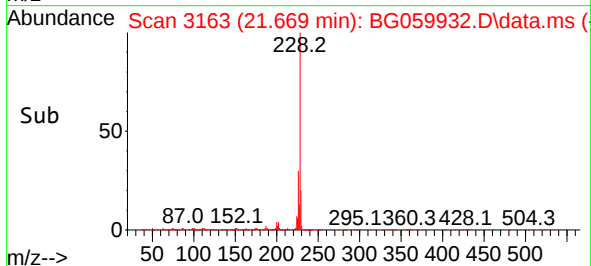
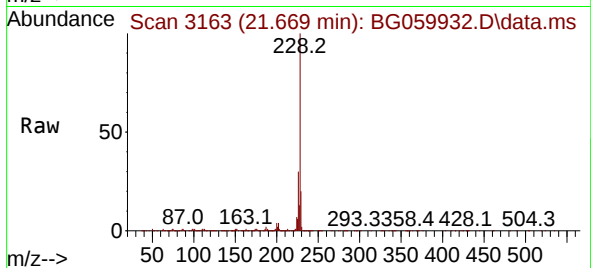
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.415 ng

RT: 21.528 min Scan# 3139

Delta R.T. -0.002 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

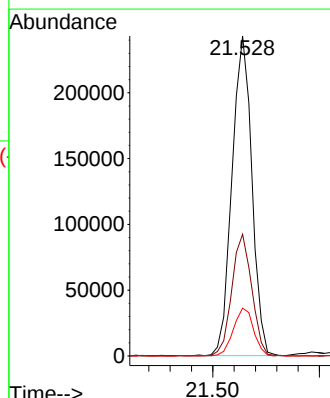
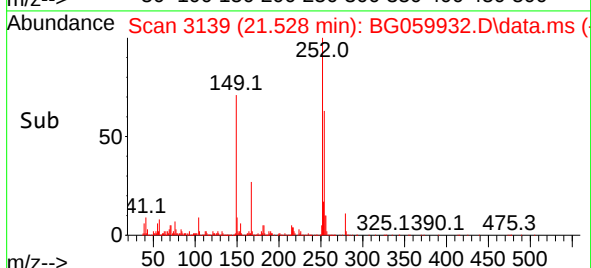
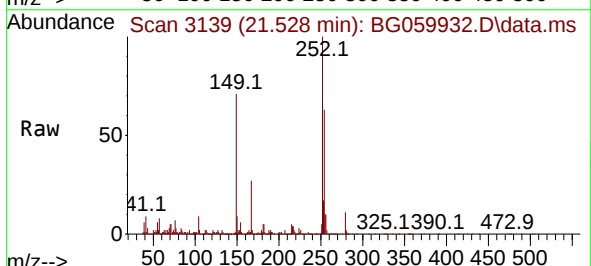
Tgt Ion:149 Resp: 314718

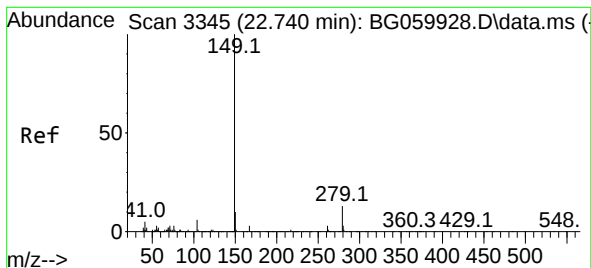
Ion Ratio Lower Upper

149 100

167 38.1 32.0 48.0

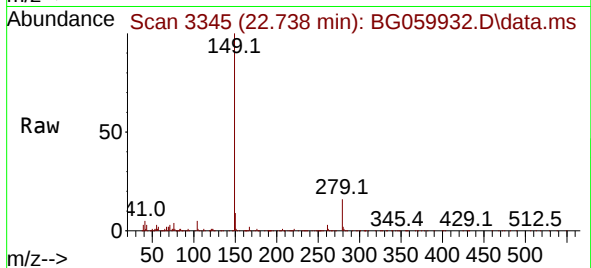
279 14.9 10.1 15.1





#85
Di-n-octyl phthalate
Concen: 40.994 ng
RT: 22.738 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

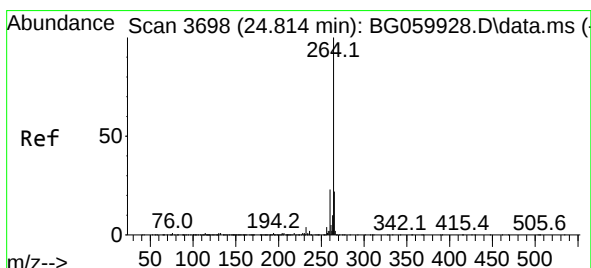
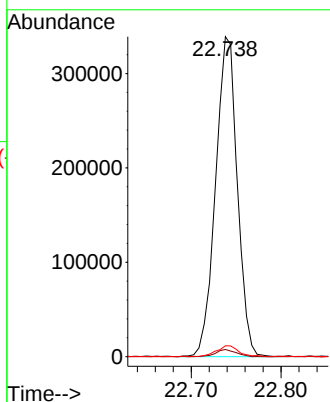
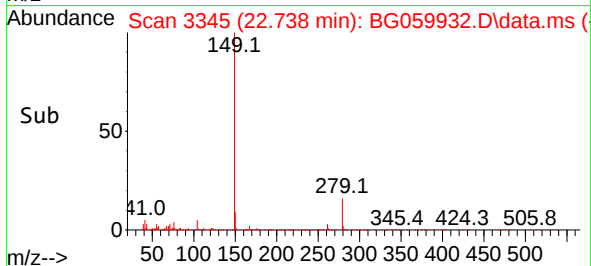
Instrument :
BNA_G
ClientSampleId :
ICVBG120123



Tgt Ion:149 Resp: 57016
Ion Ratio Lower Upper
149 100
167 2.1 1.9 2.9
43 3.5 2.3 3.5

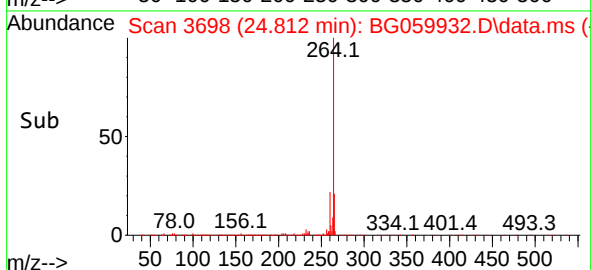
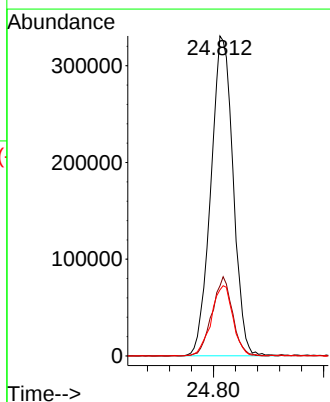
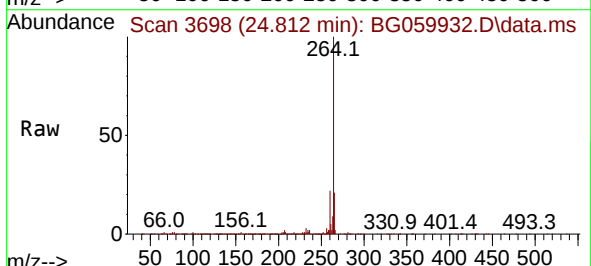
Manual Integrations
APPROVED

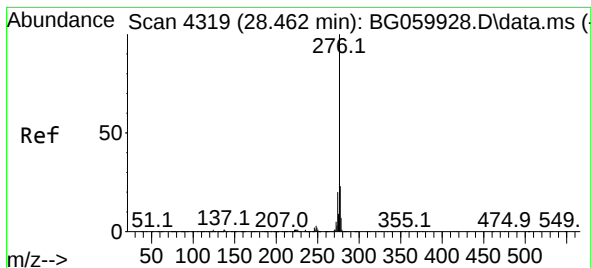
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.812 min Scan# 3698
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:264 Resp: 926830
Ion Ratio Lower Upper
264 100
260 21.9 18.0 27.0
265 20.7 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.553 ng

RT: 28.460 min Scan# 4319

Delta R.T. -0.002 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Tgt Ion:276 Resp: 270804

Ion Ratio Lower Upper

276 100

138 0.5 0.5 0.7

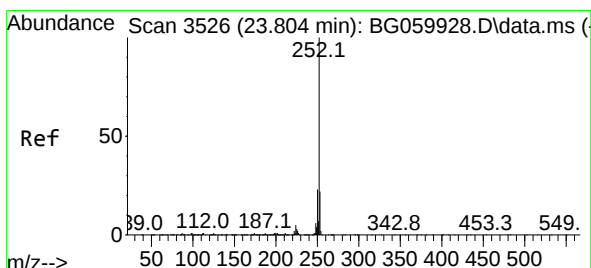
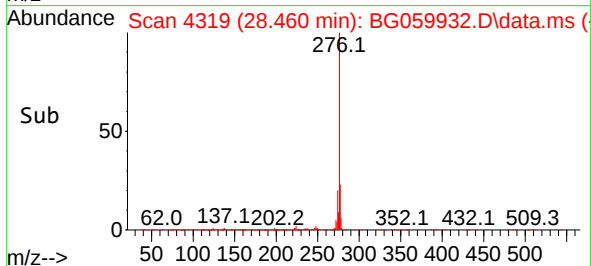
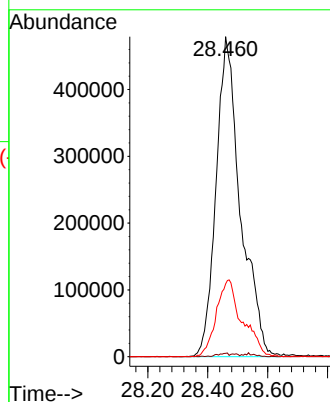
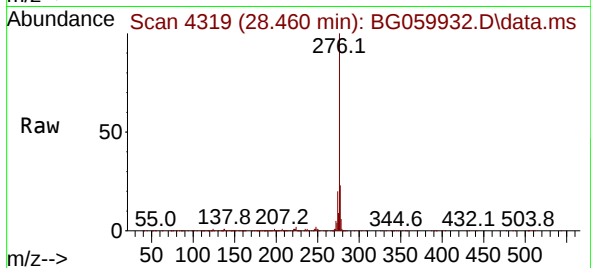
277 25.5 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#88

Benzo(b)fluoranthene

Concen: 40.496 ng m

RT: 23.807 min Scan# 3527

Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

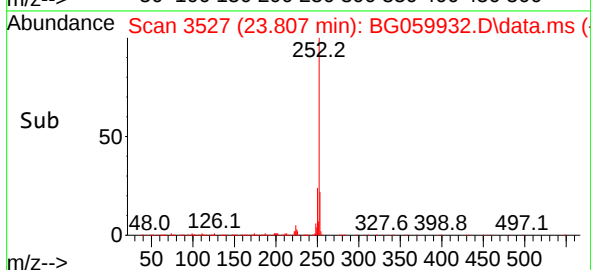
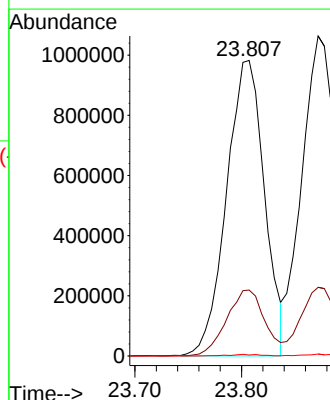
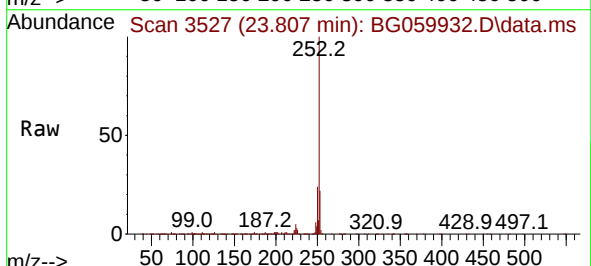
Tgt Ion:252 Resp: 2427910

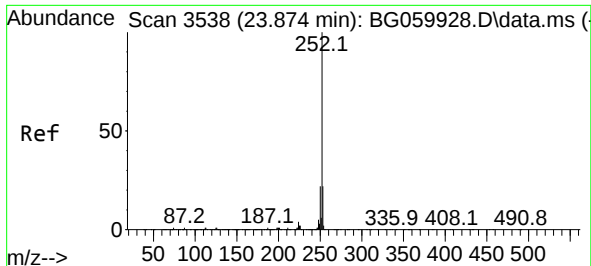
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 0.3 0.5 0.7





#89
Benzo(k)fluoranthene
Concen: 42.242 ng
RT: 23.872 min Scan# 3538
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

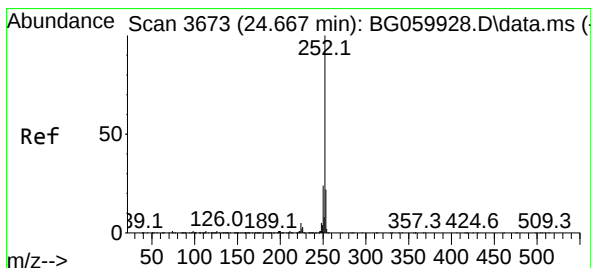
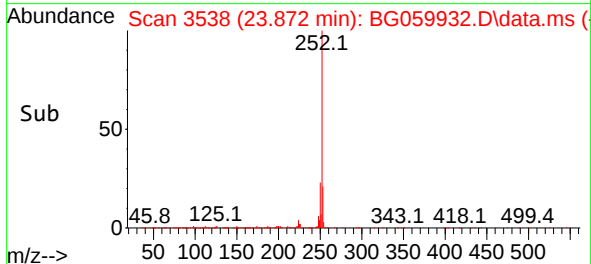
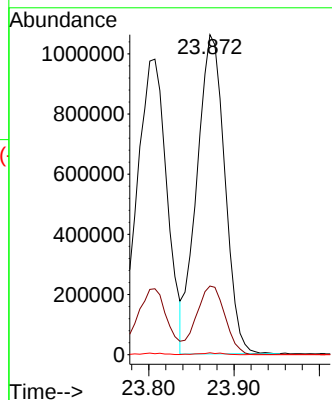
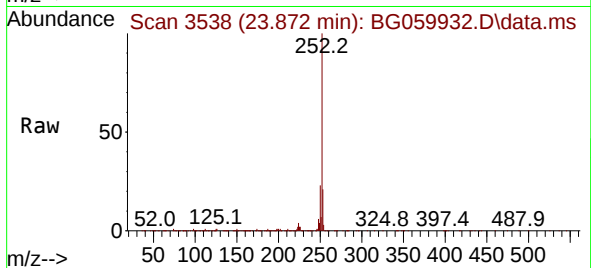
ICVBG120123

Tgt Ion:252 Resp: 241664
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 0.6 0.4 0.6

Manual Integrations

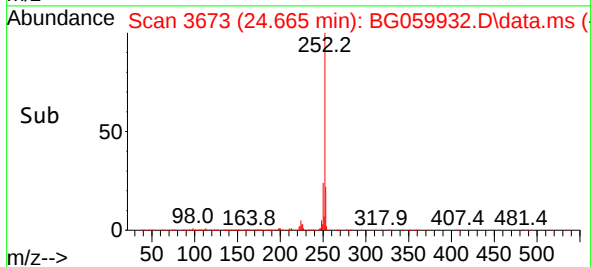
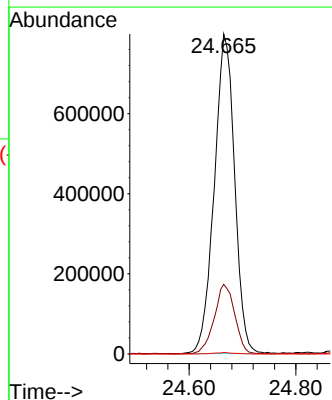
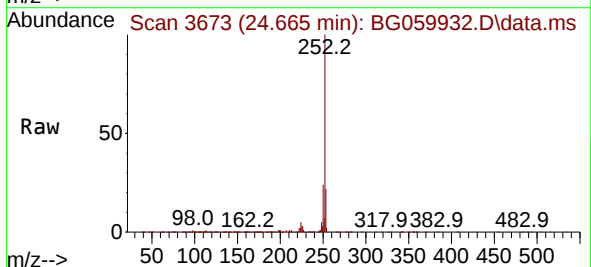
APPROVED

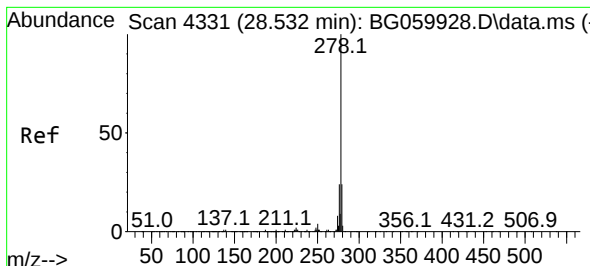
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#90
Benzo(a)pyrene
Concen: 42.161 ng
RT: 24.665 min Scan# 3673
Delta R.T. -0.002 min
Lab File: BG059932.D
Acq: 2 Dec 2023 00:36

Tgt Ion:252 Resp: 2111739
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 0.5 0.4 0.6





#91

Dibenzo(a,h)anthracene

Concen: 40.113 ng

RT: 28.536 min Scan# 41

Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Tgt Ion:278 Resp: 235048

Ion Ratio Lower Upper

278 100

139 0.7 0.6 1.0

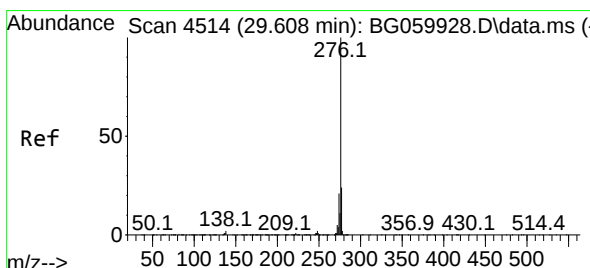
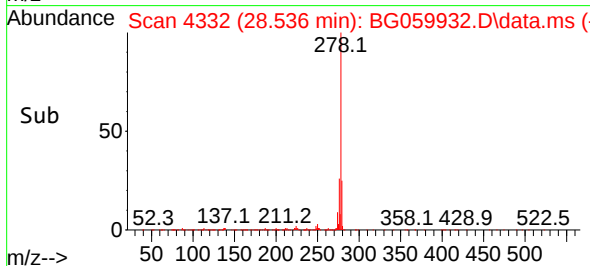
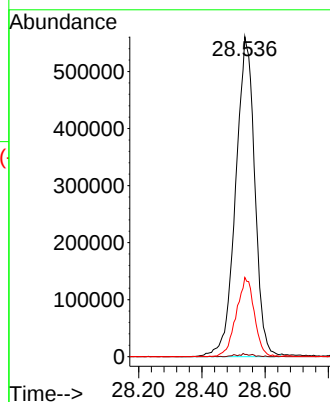
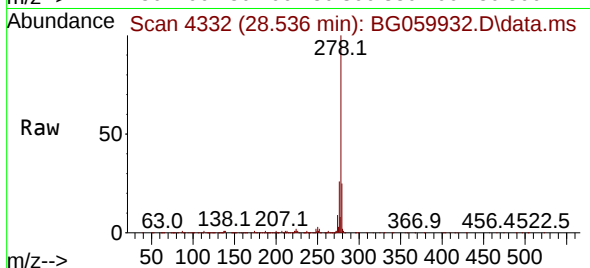
279 24.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#92

Benzo(g,h,i)perylene

Concen: 38.888 ng

RT: 29.611 min Scan# 4515

Delta R.T. 0.004 min

Lab File: BG059932.D

Acq: 2 Dec 2023 00:36

Tgt Ion:276 Resp: 2144045

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.6

138 0.8 1.3 1.9#

