

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059692.D
 Acq On : 14 Nov 2023 22:05
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111423

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:16:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	34049	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	149984	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	107955	20.000	ng	0.00
64) Phenanthrene-d10	17.727	188	240502	20.000	ng	# 0.00
76) Chrysene-d12	22.063	240	205114	20.000	ng	# 0.00
86) Perylene-d12	25.653	264	358352	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	153914	78.040	ng	0.00
7) Phenol-d6	7.463	99	223424	74.962	ng	0.00
23) Nitrobenzene-d5	9.549	82	299938	85.970	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	107613	88.328	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	648588	81.000	ng	0.00
79) Terphenyl-d14	20.301	244	1151912	115.869	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	25252	33.790	ng	98
3) Pyridine	4.102	79	85116	34.865	ng	# 88
4) n-Nitrosodimethylamine	4.026	42	41936	39.748	ng	# 87
6) Aniline	7.668	93	142950	36.094	ng	96
8) 2-Chlorophenol	7.898	128	89394	40.080	ng	95
9) Benzaldehyde	7.492	77	76144	39.476	ng	# 71
10) Phenol	7.492	94	118473	38.698	ng	90
11) bis(2-Chloroethyl)ether	7.762	93	74535	37.891	ng	100
12) 1,3-Dichlorobenzene	8.232	146	89929	36.676	ng	94
13) 1,4-Dichlorobenzene	8.385	146	91916	35.717	ng	96
14) 1,2-Dichlorobenzene	8.702	146	87593	36.900	ng	88
15) Benzyl Alcohol	8.585	79	124316	39.176	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.855	45	26556	35.891	ng	97
17) 2-Methylphenol	8.767	107	87374	38.958	ng	95
18) Hexachloroethane	9.431	117	36702	37.432	ng	92
19) n-Nitroso-di-n-propyla...	9.149	70	89110	38.811	ng	# 90
20) 3+4-Methylphenols	9.102	107	116165	37.062	ng	92
22) Acetophenone	9.190	105	168216	41.286	ng	# 91
24) Nitrobenzene	9.590	77	135903	42.011	ng	97
25) Isophorone	10.095	82	245140	40.846	ng	98
26) 2-Nitrophenol	10.301	139	51540	41.149	ng	# 73
27) 2,4-Dimethylphenol	10.318	122	101300	40.563	ng	90
28) bis(2-Chloroethoxy)met...	10.577	93	101760	40.878	ng	# 96
29) 2,4-Dichlorophenol	10.818	162	89454	40.089	ng	99
30) 1,2,4-Trichlorobenzene	11.041	180	91629	40.210	ng	90
31) Naphthalene	11.247	128	311418	41.126	ng	98
32) Benzoic acid	10.430	122	71657	42.765	ng	89
33) 4-Chloroaniline	11.364	127	137427	41.021	ng	98
34) Hexachlorobutadiene	11.476	225	62718	42.753	ng	98
35) Caprolactam	12.157	113	32112	40.234	ng	# 77
36) 4-Chloro-3-methylphenol	12.433	107	121847	40.513	ng	95
37) 2-Methylnaphthalene	12.821	142	256742	40.596	ng	97
38) 1-Methylnaphthalene	13.044	142	239500m	41.226	ng	
40) 1,2,4,5-Tetrachloroben...	13.168	216	114355	38.887	ng	97
41) Hexachlorocyclopentadiene	13.121	237	74479	39.597	ng	99
43) 2,4,6-Trichlorophenol	13.409	196	84841	41.354	ng	# 89

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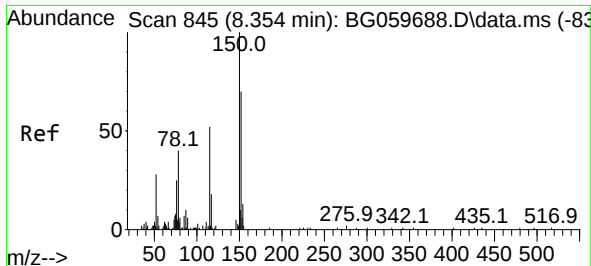
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 Supervised By :mohammad ahmed 11/17/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	97400	41.460	ng	# 96
46) 1,1'-Biphenyl	13.814	154	347759	41.378	ng	96
47) 2-Chloronaphthalene	13.867	162	232102	39.313	ng	# 88
48) 2-Nitroaniline	14.084	65	84835	42.286	ng	95
49) Acenaphthylene	14.707	152	403026	40.417	ng	98
50) Dimethylphthalate	14.419	163	331383	40.253	ng	99
51) 2,6-Dinitrotoluene	14.560	165	65055	40.992	ng	94
52) Acenaphthene	15.042	154	240206	40.166	ng	97
53) 3-Nitroaniline	14.901	138	75570	40.770	ng	91
54) 2,4-Dinitrophenol	15.095	184	44804	41.998	ng	88
55) Dibenzofuran	15.371	168	391722	40.325	ng	97
56) 4-Nitrophenol	15.171	139	57698	41.050	ng	92
57) 2,4-Dinitrotoluene	15.336	165	102597	43.973	ng	# 96
58) Fluorene	16.023	166	334596	40.158	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.577	232	85030	42.088	ng	98
60) Diethylphthalate	15.759	149	360806	40.671	ng	94
61) 4-Chlorophenyl-phenyle...	16.000	204	171940	40.296	ng	96
62) 4-Nitroaniline	16.064	138	75412	39.867	ng	93
63) Azobenzene	16.294	77	383050	39.694	ng	97
65) 4,6-Dinitro-2-methylph...	16.088	198	60962	44.491	ng	98
66) n-Nitrosodiphenylamine	16.223	169	303851	43.209	ng	97
67) 4-Bromophenyl-phenylether	16.899	248	108242	42.781	ng	95
68) Hexachlorobenzene	16.993	284	103270	43.499	ng	96
69) Atrazine	17.151	200	85861	38.897	ng	92
70) Pentachlorophenol	17.345	266	76233	43.347	ng	# 90
71) Phenanthrene	17.774	178	530126	42.504	ng	95
72) Anthracene	17.862	178	533534	41.566	ng	98
73) Carbazole	18.138	167	469737	41.799	ng	98
74) Di-n-butylphthalate	18.644	149	568785	43.600	ng	98
75) Fluoranthene	19.760	202	598996	41.230	ng	96
77) Benzidine	19.948	184	196354	56.654	ng	97
78) Pyrene	20.124	202	595229	49.354	ng	98
80) Butylbenzylphthalate	20.988	149	246550	45.386	ng	100
81) Benzo(a)anthracene	22.040	228	570415	40.783	ng	97
82) 3,3'-Dichlorobenzidine	21.946	252	218291	42.625	ng	95
83) Chrysene	22.110	228	527702m	39.717	ng	
84) Bis(2-ethylhexyl)phtha...	21.869	149	336310	41.242	ng	99
85) Di-n-octyl phthalate	23.209	149	827314	62.045	ng	98
87) Indeno(1,2,3-cd)pyrene	29.837	276	1082574	42.195	ng	# 74
88) Benzo(b)fluoranthene	24.496	252	865897	39.816	ng	# 97
89) Benzo(k)fluoranthene	24.572	252	884307	40.595	ng	99
90) Benzo(a)pyrene	25.483	252	830998	39.527	ng	100
91) Dibenzo(a,h)anthracene	29.919	278	901104	41.710	ng	100
92) Benzo(g,h,i)perylene	31.164	276	829630	39.999	ng	# 91

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.350 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

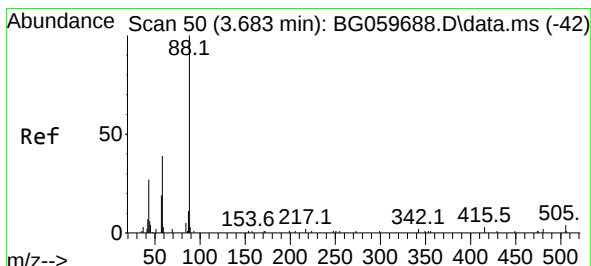
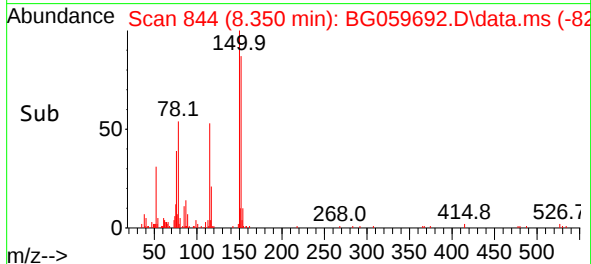
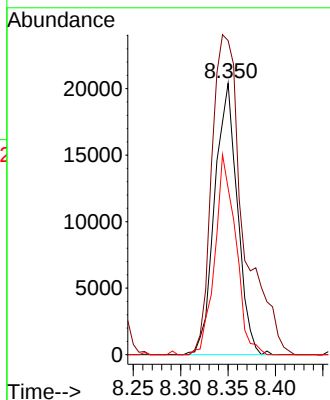
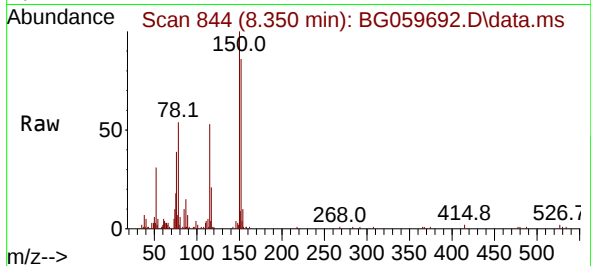
ClientSampleId :

ICVBG111423

Tgt Ion:152 Resp: 34049
Ion Ratio Lower Upper
152 100
150 115.8 113.9 170.9
115 61.3 59.4 89.2

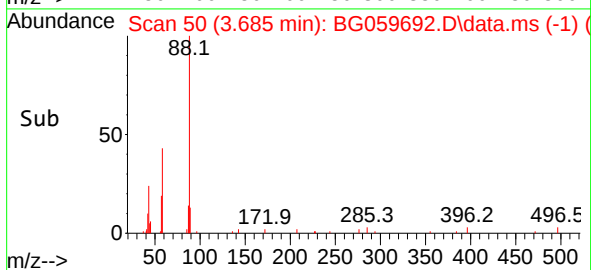
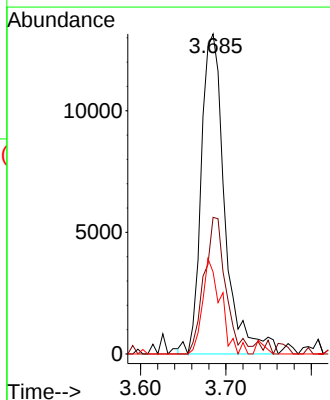
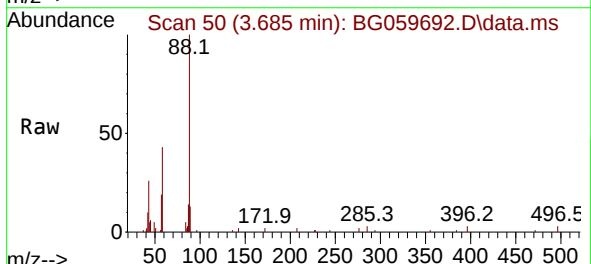
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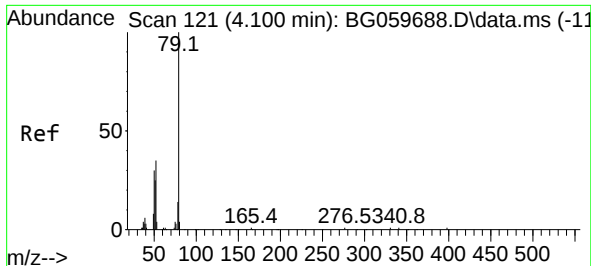
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#2
1,4-Dioxane
Concen: 33.790 ng
RT: 3.685 min Scan# 50
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion: 88 Resp: 25252
Ion Ratio Lower Upper
88 100
58 39.4 30.5 45.7
43 23.2 17.7 26.5





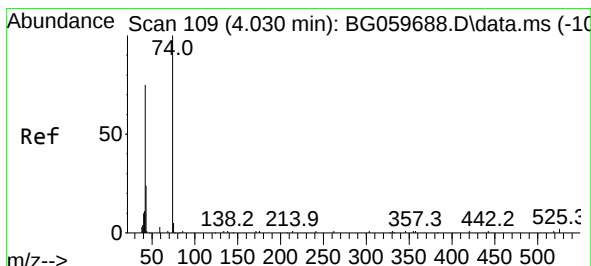
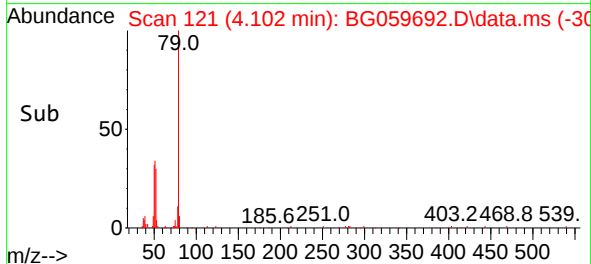
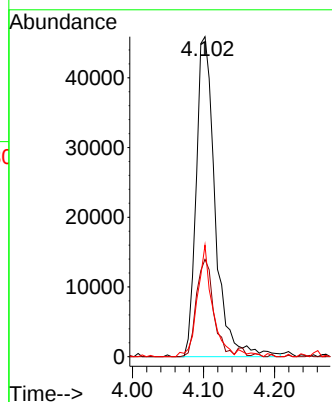
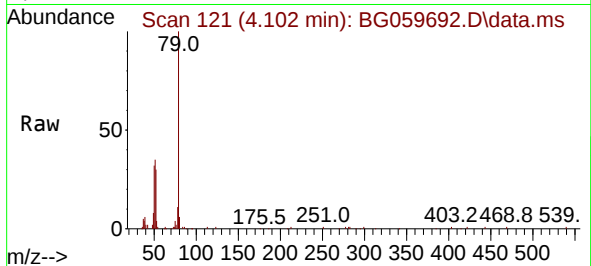
#3
Pyridine
Concen: 34.865 ng
RT: 4.102 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
BNA_G
ClientSampleId :
ICVBG111423

Tgt Ion: 79 Resp: 85110
Ion Ratio Lower Upper
79 100
52 30.4 27.8 41.8
51 34.8 20.2 30.2

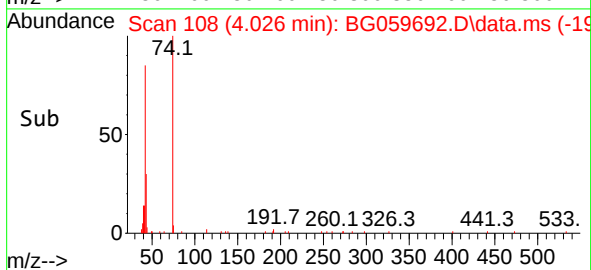
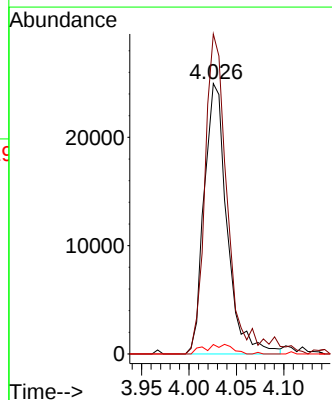
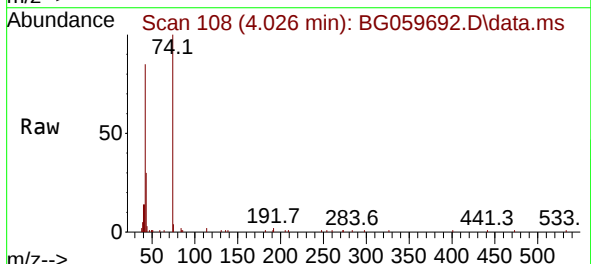
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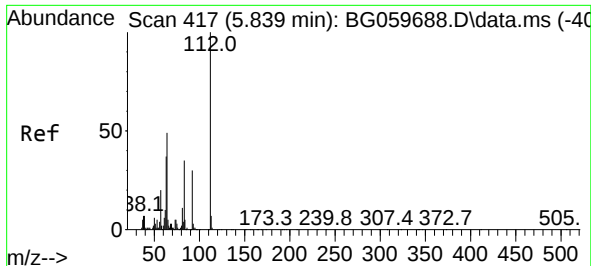
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#4
n-Nitrosodimethylamine
Concen: 39.748 ng
RT: 4.026 min Scan# 108
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion: 42 Resp: 41936
Ion Ratio Lower Upper
42 100
74 118.3 106.7 160.1
44 3.5 1.1 1.7





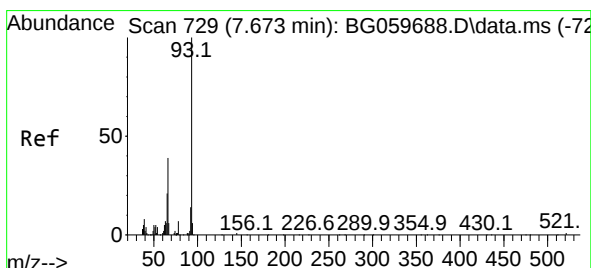
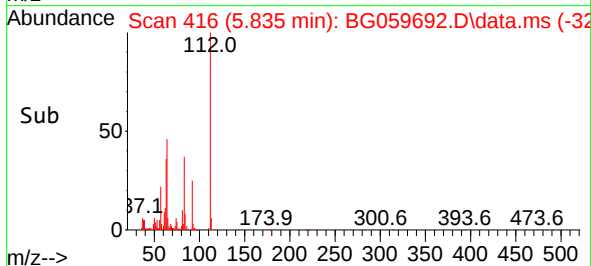
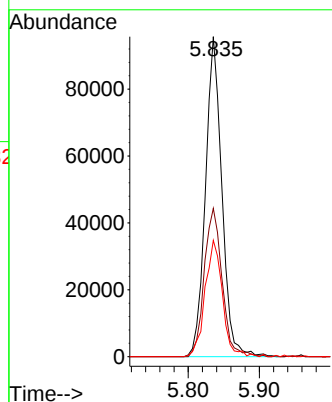
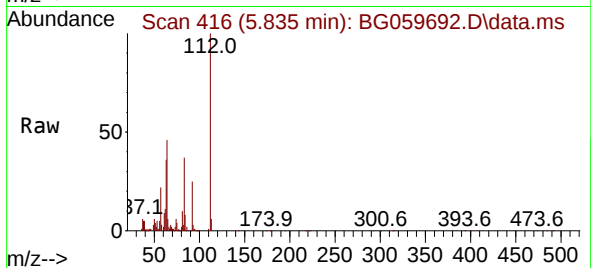
#5
2-Fluorophenol
Concen: 78.040 ng
RT: 5.835 min Scan# 417
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 153914
Ion Ratio Lower Upper
112 100
64 46.4 39.0 58.6
63 36.4 29.8 44.6

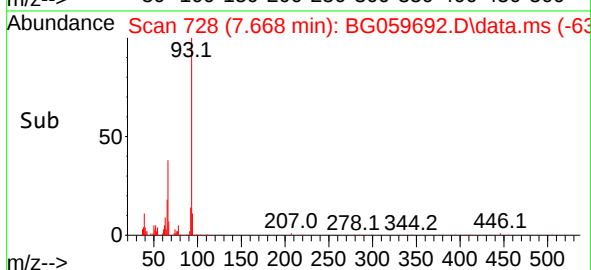
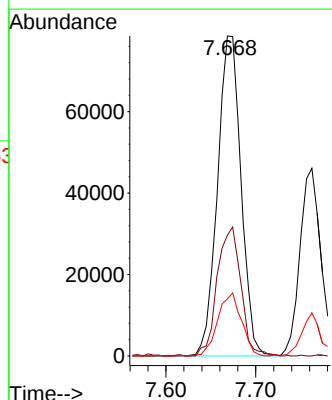
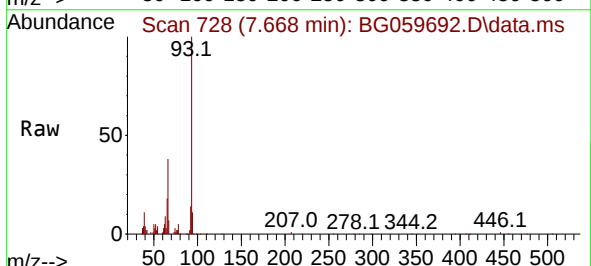
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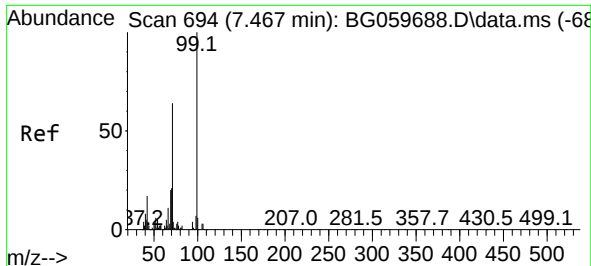
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#6
Aniline
Concen: 36.094 ng
RT: 7.668 min Scan# 728
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion: 93 Resp: 142950
Ion Ratio Lower Upper
93 100
66 37.7 31.5 47.3
65 17.8 16.5 24.7





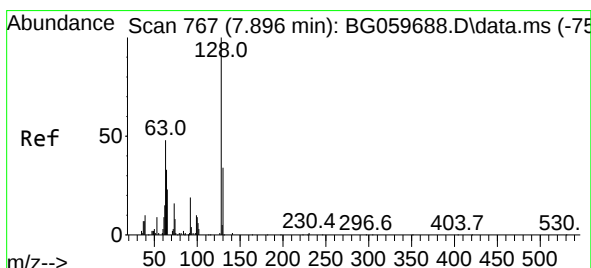
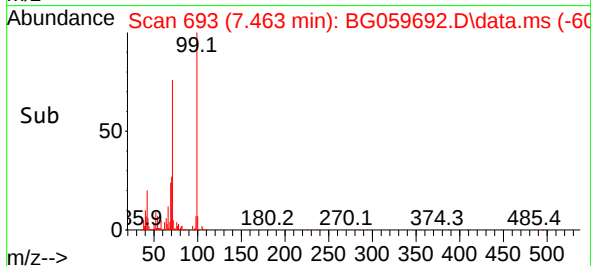
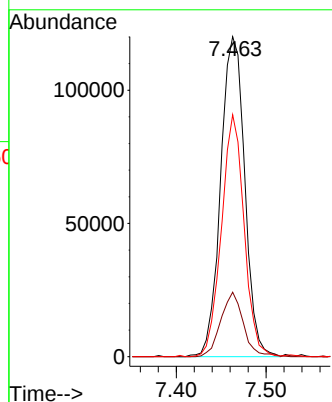
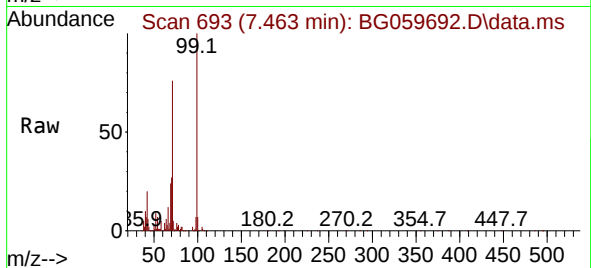
#7
Phenol-d6
Concen: 74.962 ng
RT: 7.463 min Scan# 694
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 223424
Ion Ratio Lower Upper
99 100
42 20.2 13.2 19.8
71 75.6 51.3 76.9

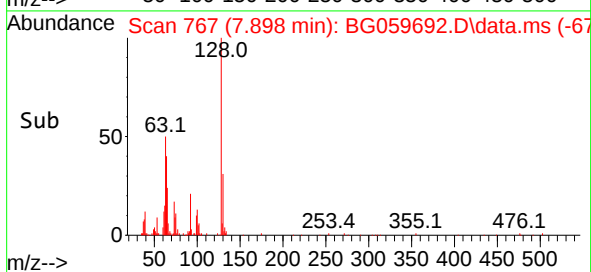
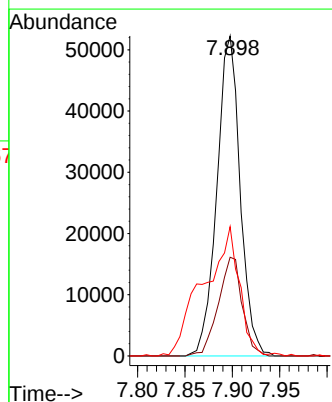
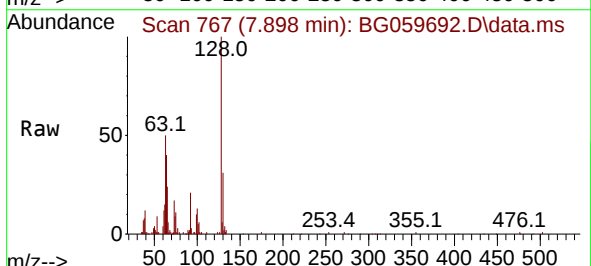
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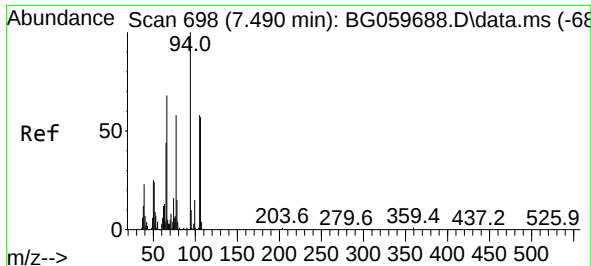
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#8
2-Chlorophenol
Concen: 40.080 ng
RT: 7.898 min Scan# 767
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:128 Resp: 89394
Ion Ratio Lower Upper
128 100
130 30.9 14.3 54.3
64 40.4 22.6 62.6





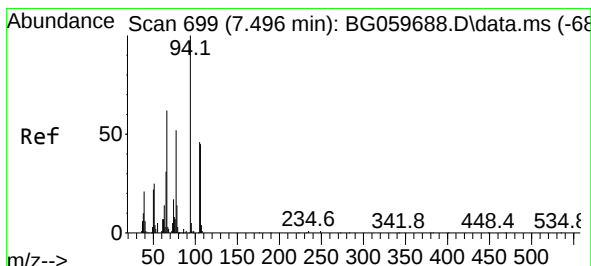
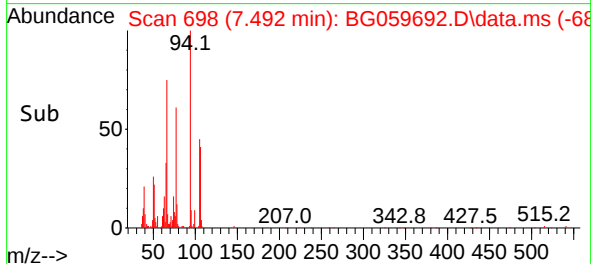
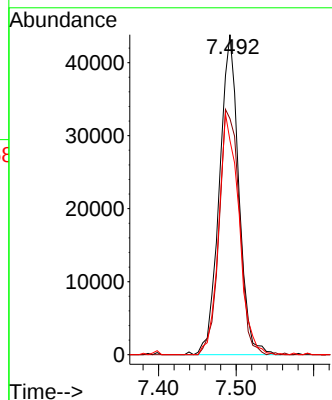
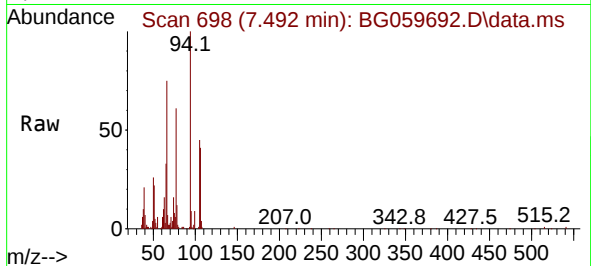
#9
Benzaldehyde
Concen: 39.476 ng
RT: 7.492 min Scan# 698
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
BNA_G
ClientSampleId :
ICVBG111423

Tgt Ion: 77 Resp: 76144
Ion Ratio Lower Upper
77 100
105 73.8 79.9 119.9
106 66.9 78.3 118.3

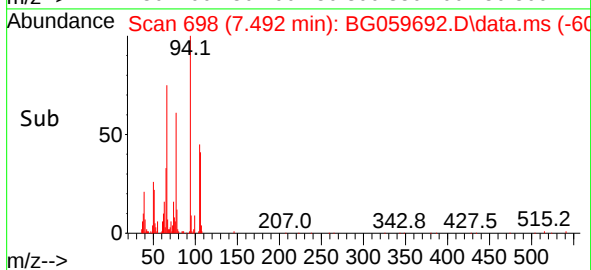
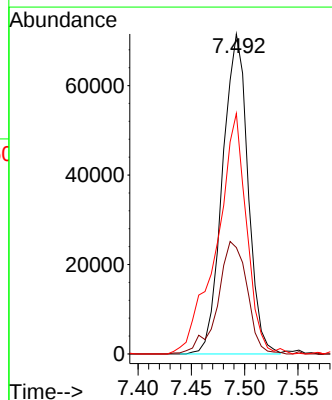
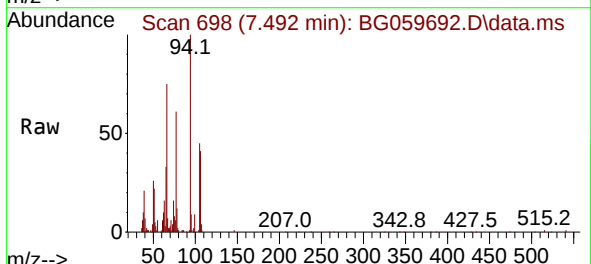
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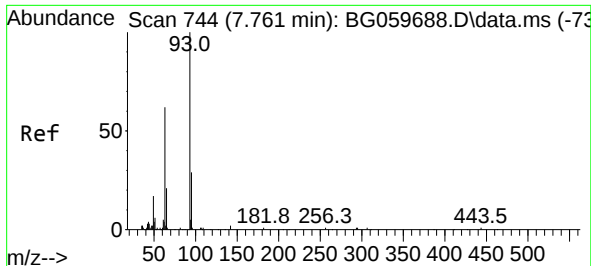
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#10
Phenol
Concen: 38.698 ng
RT: 7.492 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

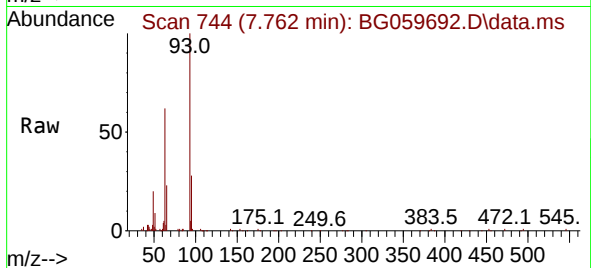
Tgt Ion: 94 Resp: 118473
Ion Ratio Lower Upper
94 100
65 33.2 11.3 51.3
66 75.2 44.5 84.5





#11
bis(2-Chloroethyl)ether
Concen: 37.891 ng
RT: 7.762 min Scan# 744
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

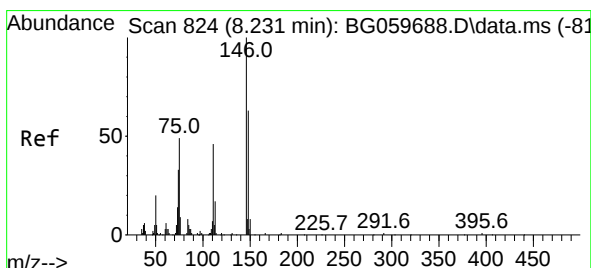
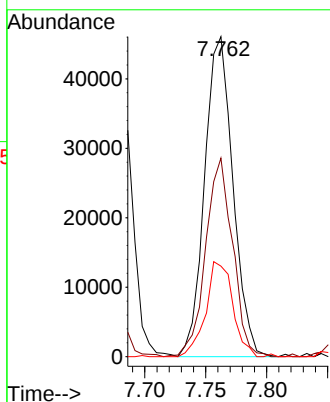
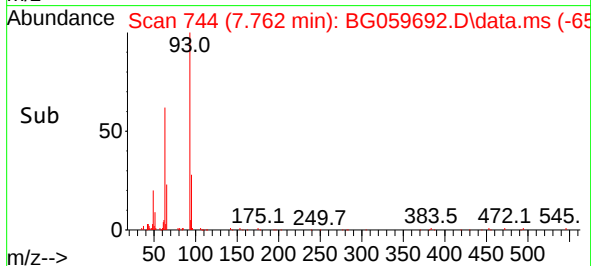
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



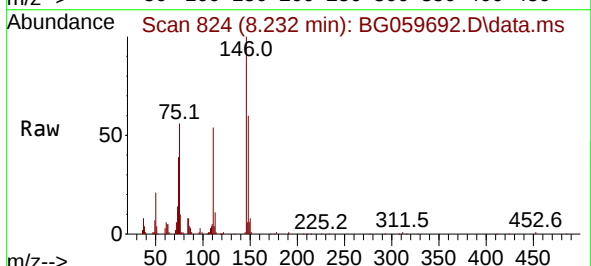
Tgt Ion: 93 Resp: 7453
Ion Ratio Lower Upper
93 100
63 62.0 41.8 81.8
95 28.3 8.3 48.3

Manual Integrations
APPROVED

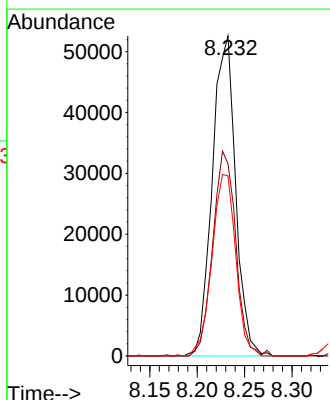
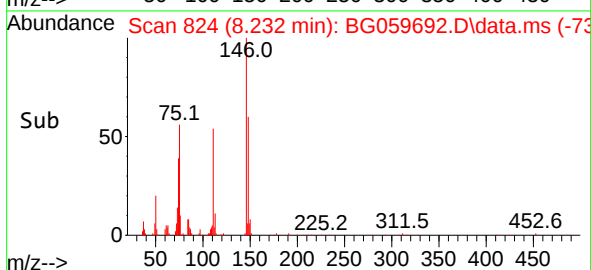
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

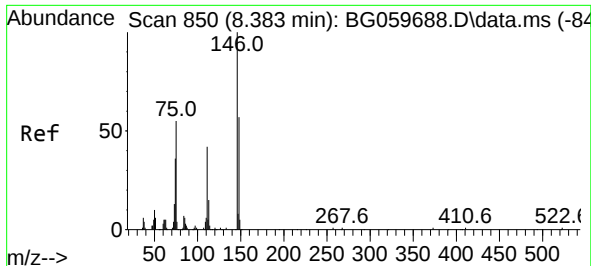


#12
1,3-Dichlorobenzene
Concen: 36.676 ng
RT: 8.232 min Scan# 824
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:146 Resp: 89929
Ion Ratio Lower Upper
146 100
148 60.1 50.4 75.6
75 56.3 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 35.717 ng

RT: 8.385 min Scan# 850

Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

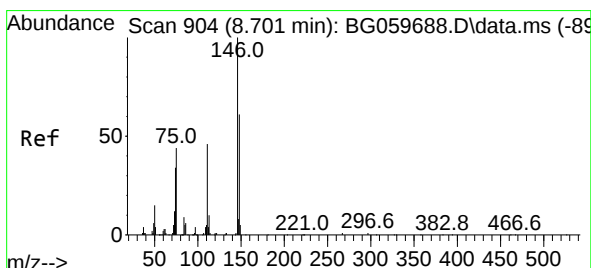
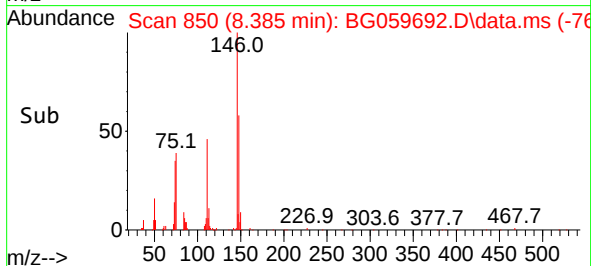
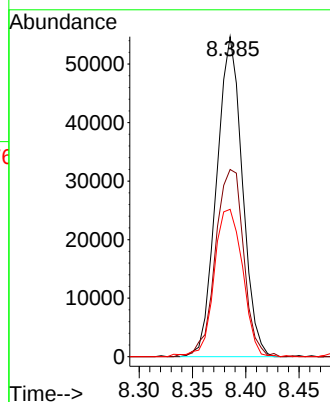
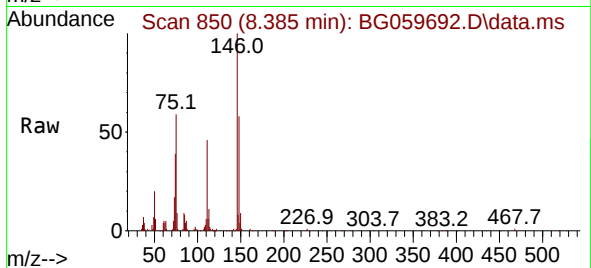
Tgt Ion:	146	Resp:	91910
Ion Ratio	Lower	Upper	
146	100		
148	58.5	45.4	68.2
111	46.0	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#14

1,2-Dichlorobenzene

Concen: 36.900 ng

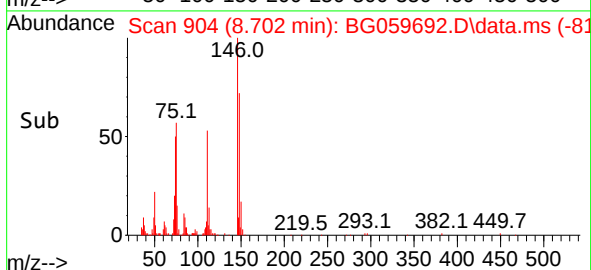
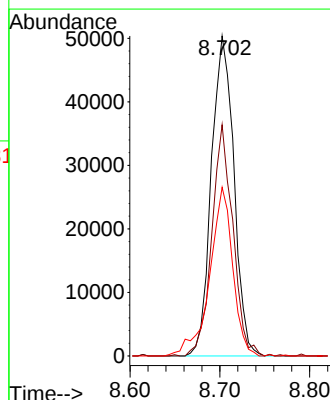
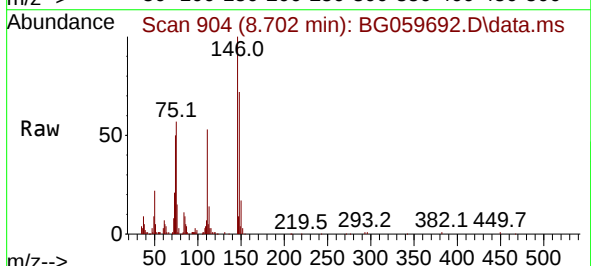
RT: 8.702 min Scan# 904

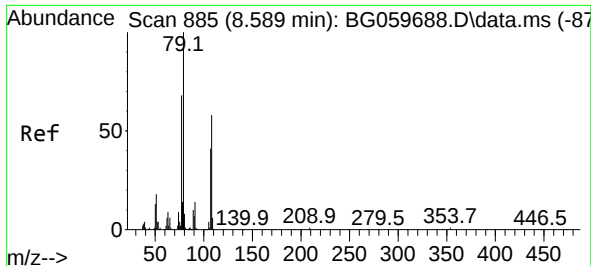
Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:	146	Resp:	87593
Ion Ratio	Lower	Upper	
146	100		
148	72.3	48.6	73.0
111	52.7	37.8	56.8





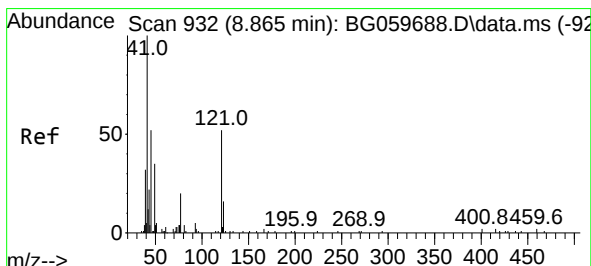
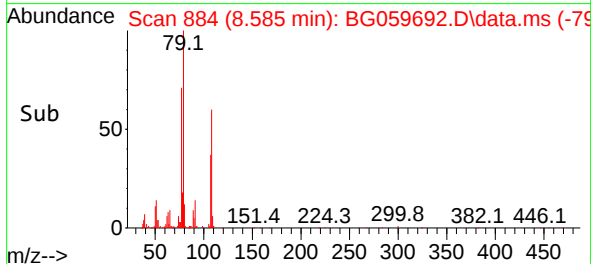
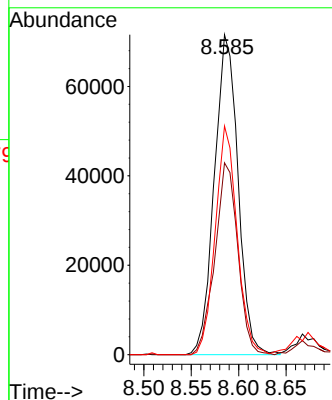
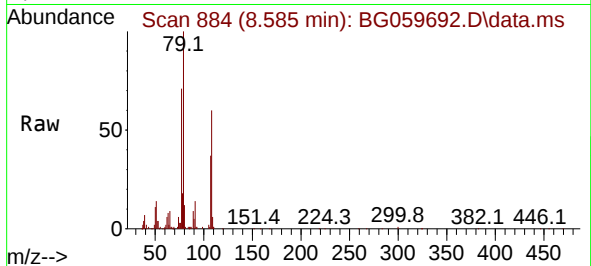
#15
Benzyl Alcohol
Concen: 39.176 ng
RT: 8.585 min Scan# 885
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
BNA_G
ClientSampleId :
ICVBG111423

Tgt Ion: 79 Resp: 124310
Ion Ratio Lower Upper
79 100
108 60.0 46.2 69.4
77 71.5 54.8 82.2

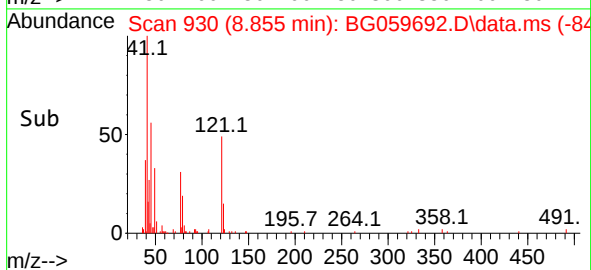
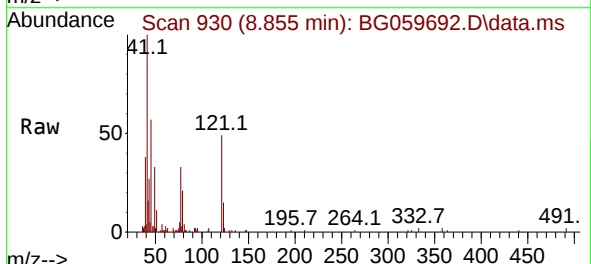
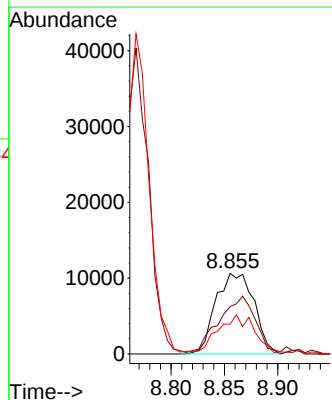
Manual Integrations
APPROVED

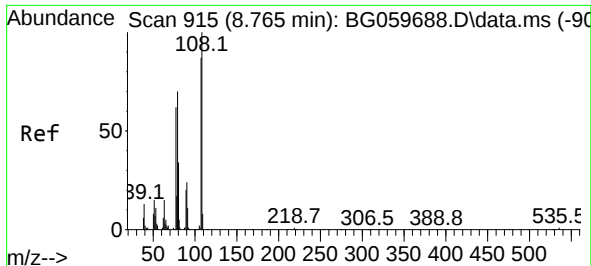
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.891 ng
RT: 8.855 min Scan# 930
Delta R.T. -0.010 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

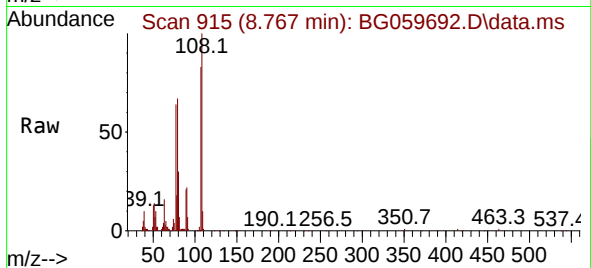
Tgt Ion: 45 Resp: 26556
Ion Ratio Lower Upper
45 100
77 63.6 45.6 85.6
79 36.8 19.8 59.8





#17
2-Methylphenol
Concen: 38.958 ng
RT: 8.767 min Scan# 915
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

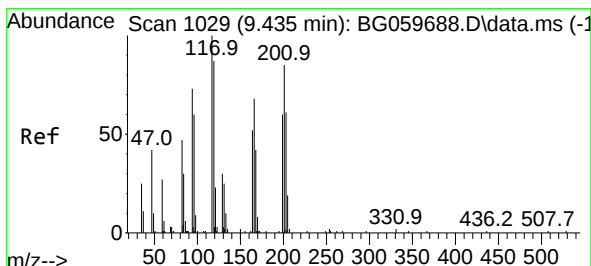
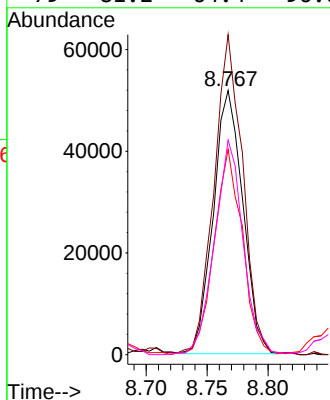
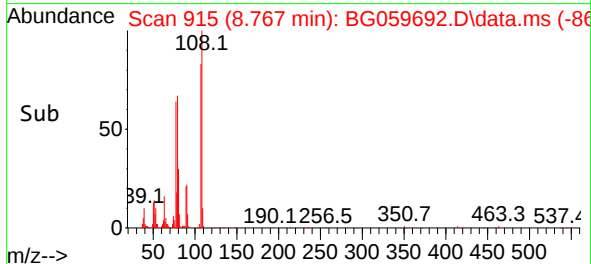
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



Tgt Ion:107 Resp: 87374
Ion Ratio Lower Upper
107 100
108 121.1 92.7 139.1
77 77.7 56.7 85.1
79 81.2 64.4 96.6

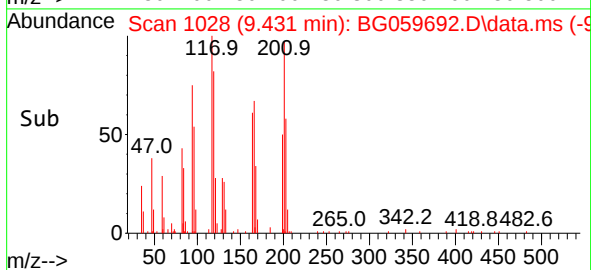
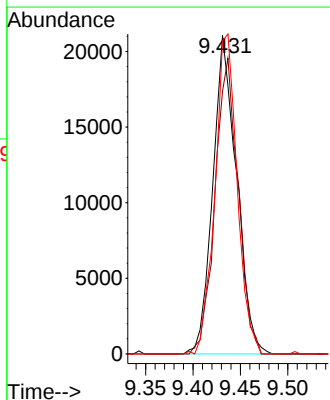
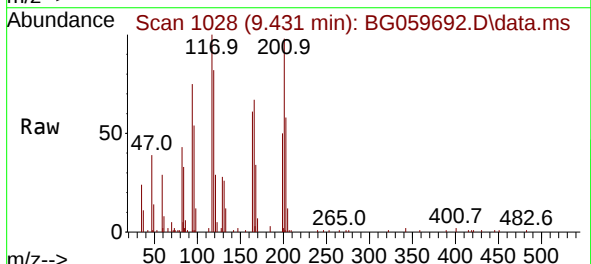
Manual Integrations
APPROVED

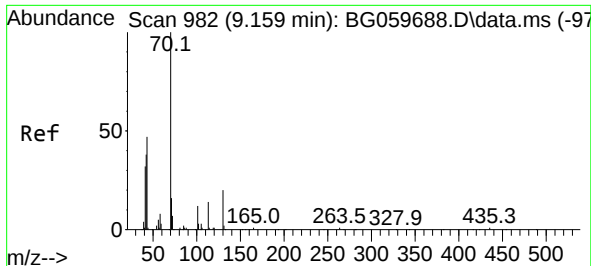
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#18
Hexachloroethane
Concen: 37.432 ng
RT: 9.431 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:117 Resp: 36702
Ion Ratio Lower Upper
117 100
119 82.4 69.2 103.8
201 98.3 69.4 104.2





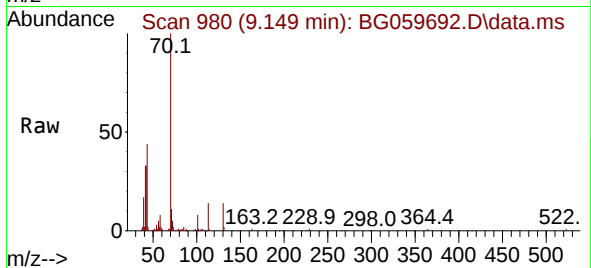
#19
n-Nitroso-di-n-propylamine
Concen: 38.811 ng
RT: 9.149 min Scan# 910
Delta R.T. -0.010 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

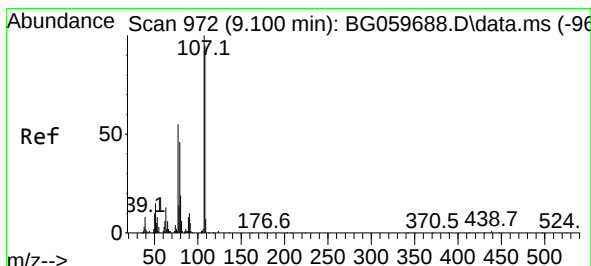
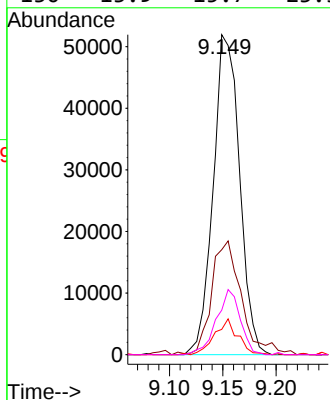
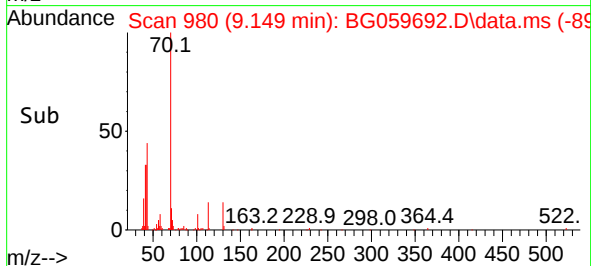


Tgt Ion: 70 Resp: 89110
Ion Ratio Lower Upper
70 100
42 32.8 30.8 46.2
101 7.9 9.4 14.2
130 13.9 15.7 23.5#

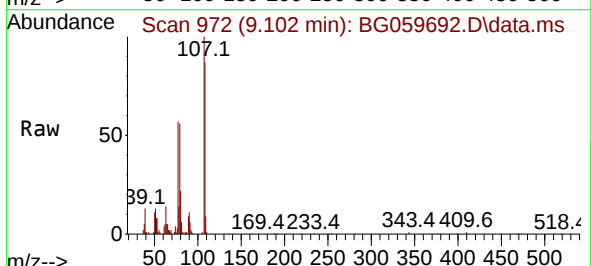
Manual Integrations

APPROVED

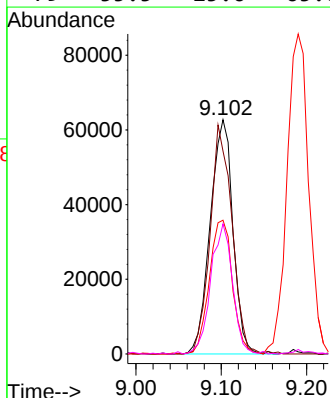
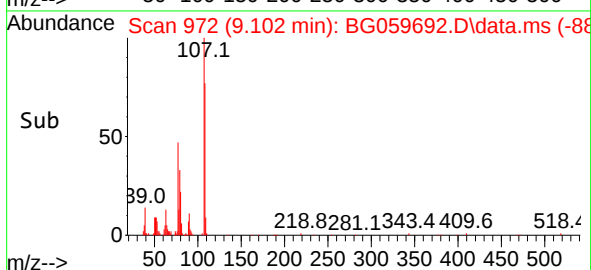
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

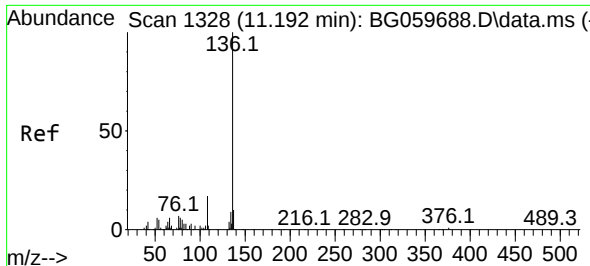


#20
3+4-Methylphenols
Concen: 37.062 ng
RT: 9.102 min Scan# 972
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:107 Resp: 116165
Ion Ratio Lower Upper
107 100
108 86.6 75.4 115.4
77 57.1 35.6 75.6
79 55.5 25.6 65.6





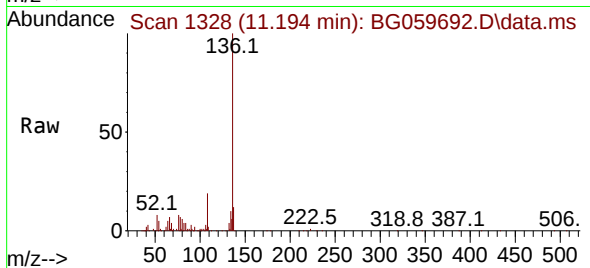
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 1328
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

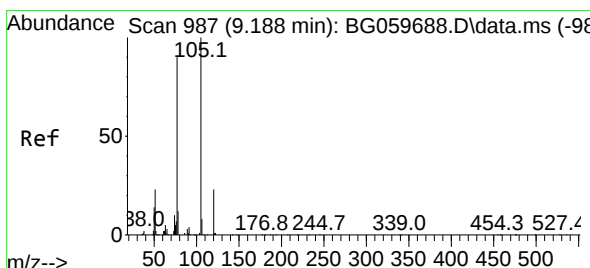
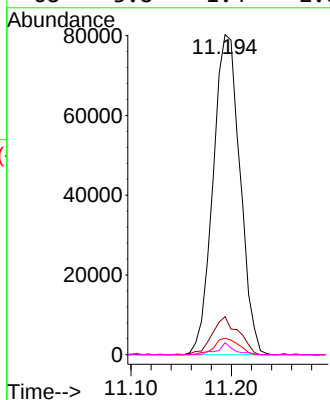
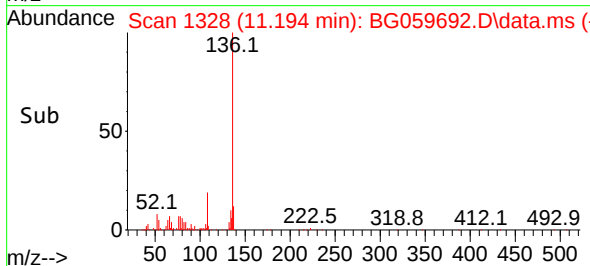


Tgt Ion:136 Resp: 149984
Ion Ratio Lower Upper
136 100
137 11.9 7.7 11.5
54 5.2 4.2 6.2
68 3.8 1.4 2.0#

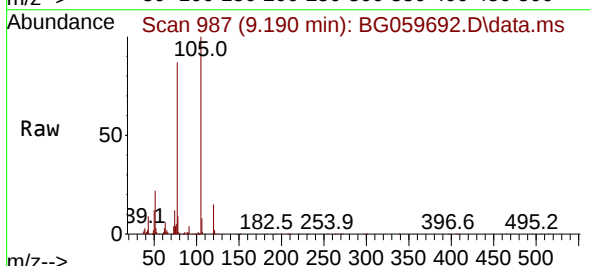
Manual Integrations

APPROVED

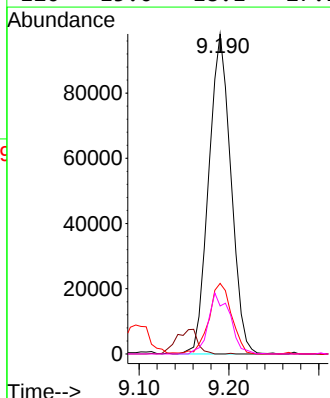
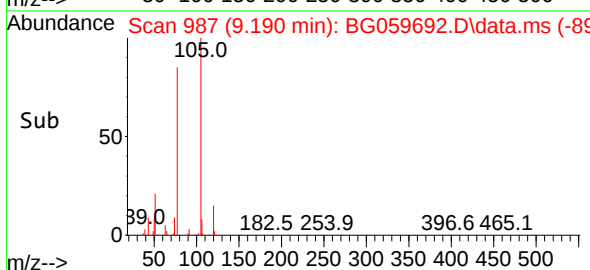
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

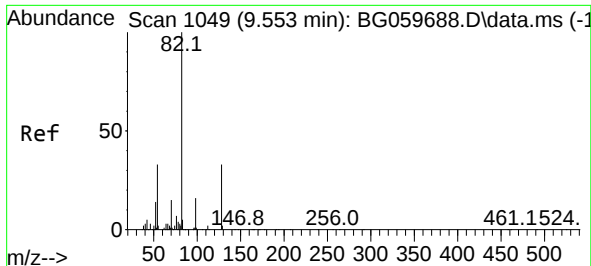


#22
Acetophenone
Concen: 41.286 ng
RT: 9.190 min Scan# 987
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:105 Resp: 168216
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 22.1 18.6 28.0
120 15.0 18.1 27.1#





#23
Nitrobenzene-d5
Concen: 85.970 ng
RT: 9.549 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

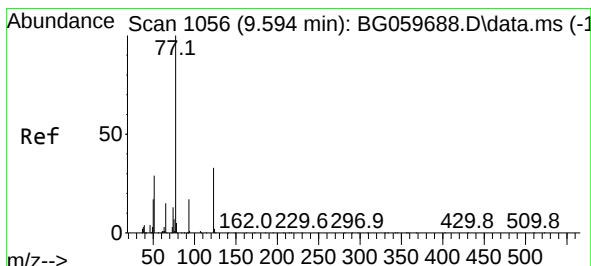
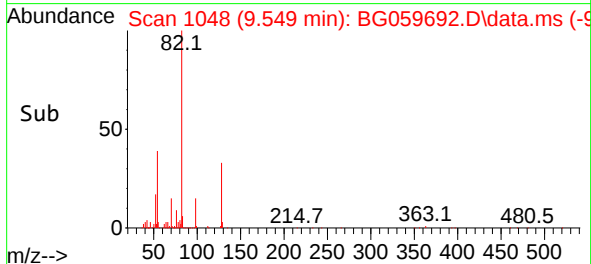
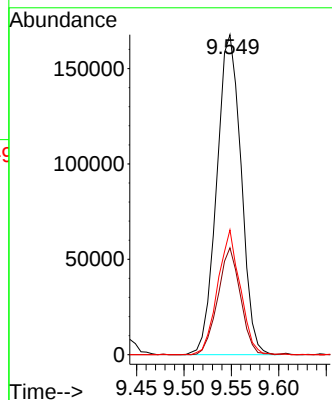
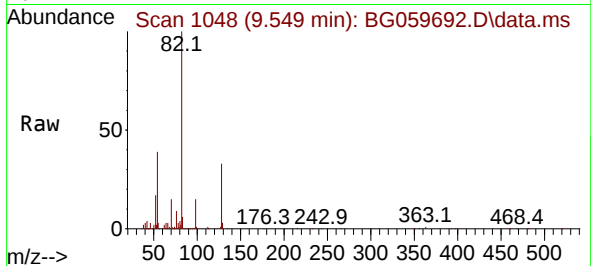
ClientSampleId :

ICVBG111423

Tgt Ion: 82 Resp: 299938
Ion Ratio Lower Upper
82 100
128 33.4 26.3 39.5
54 39.0 26.6 39.8

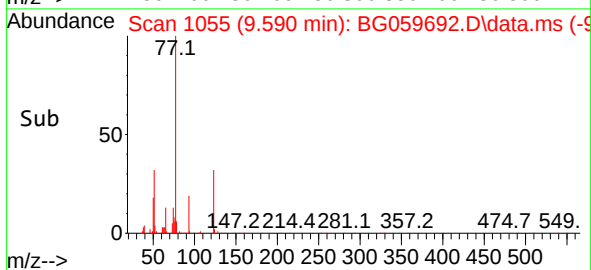
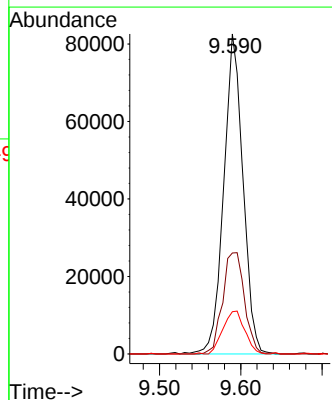
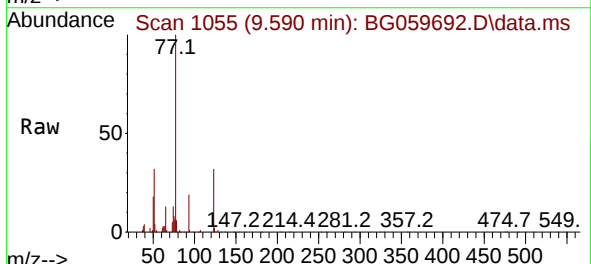
Manual Integrations
APPROVED

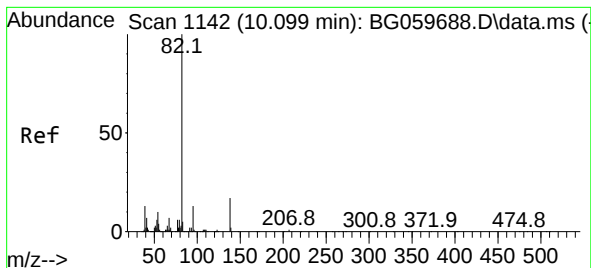
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#24
Nitrobenzene
Concen: 42.011 ng
RT: 9.590 min Scan# 1055
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion: 77 Resp: 135903
Ion Ratio Lower Upper
77 100
123 31.6 26.6 39.8
65 13.2 11.8 17.6





#25

Isophorone

Concen: 40.846 ng

RT: 10.095 min Scan# 1142

Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

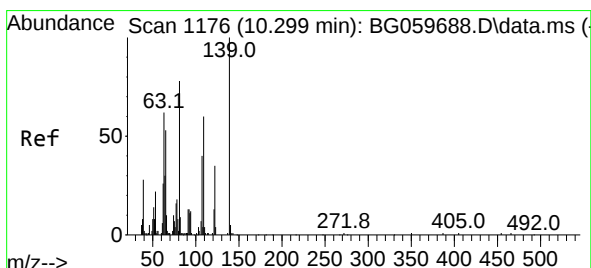
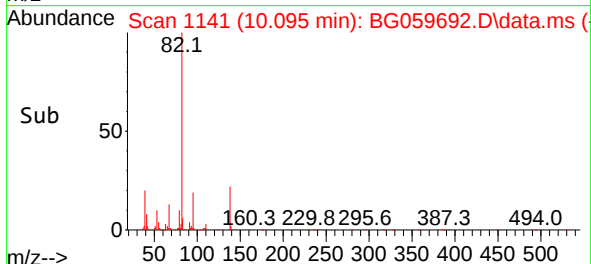
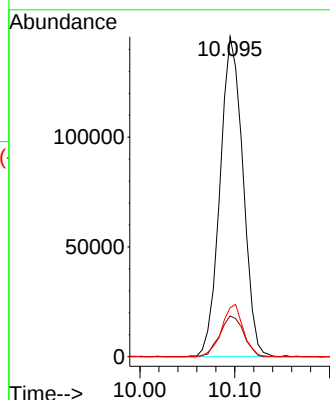
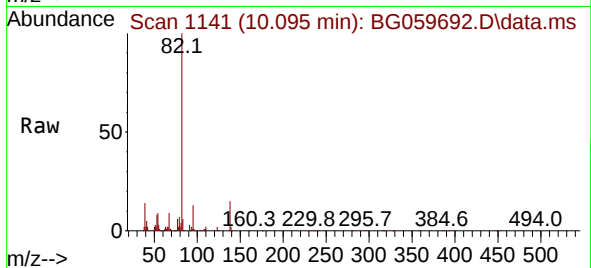
Tgt Ion:	82	Resp:	245140
Ion Ratio	Lower	Upper	
82	100		
95	12.8	10.2	15.4
138	15.3	13.4	20.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#26

2-Nitrophenol

Concen: 41.149 ng

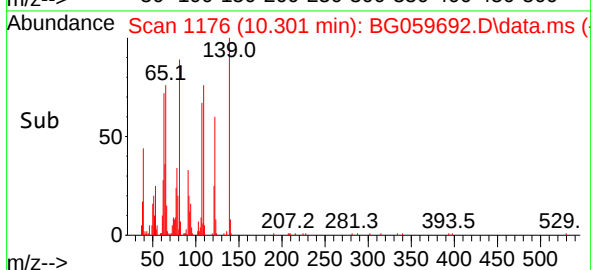
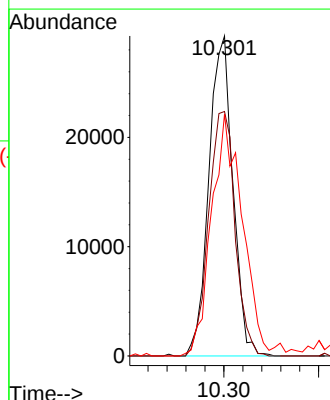
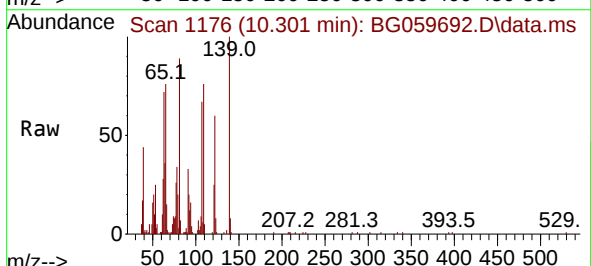
RT: 10.301 min Scan# 1176

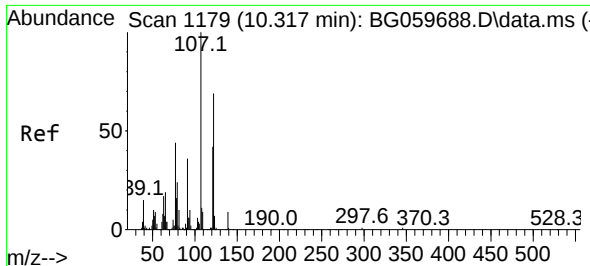
Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

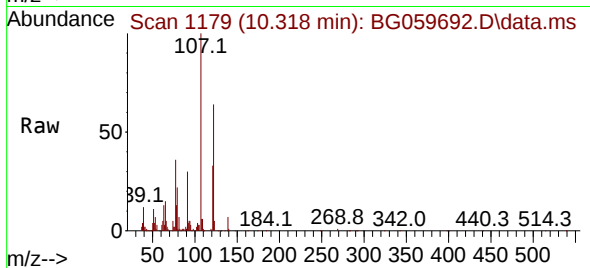
Tgt Ion:	139	Resp:	51540
Ion Ratio	Lower	Upper	
139	100		
109	76.4	47.8	71.6#
65	75.6	42.4	63.6#





#27
2,4-Dimethylphenol
Concen: 40.563 ng
RT: 10.318 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

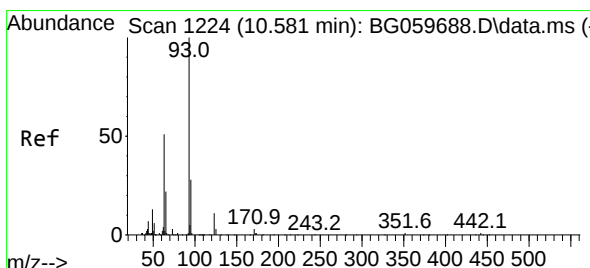
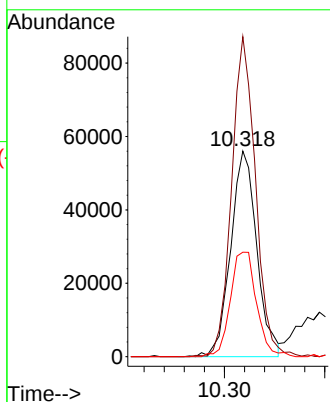
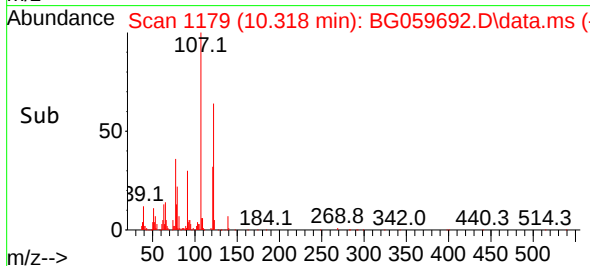
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



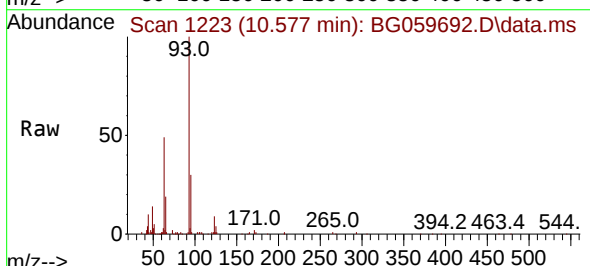
Tgt Ion: 122 Resp: 101300
Ion Ratio Lower Upper
122 100
107 155.7 116.0 174.0
121 50.8 48.6 73.0

Manual Integrations
APPROVED

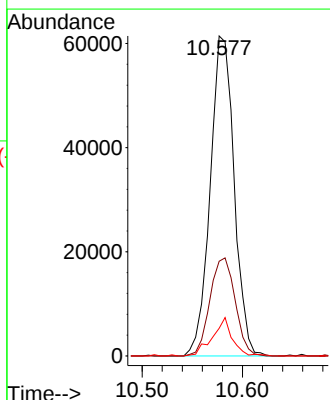
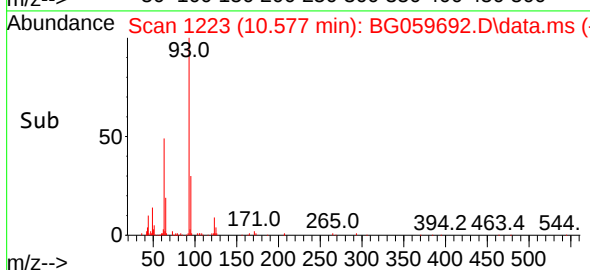
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

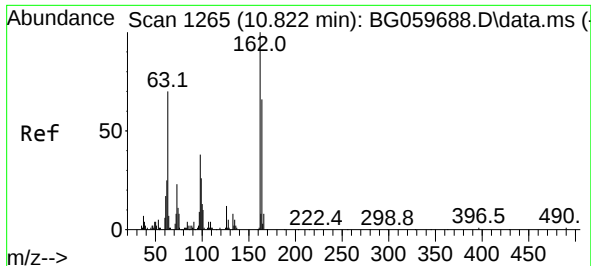


#28
bis(2-Chloroethoxy)methane
Concen: 40.878 ng
RT: 10.577 min Scan# 1223
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion: 93 Resp: 101760
Ion Ratio Lower Upper
93 100
95 29.6 22.2 33.4
123 8.6 8.6 13.0#





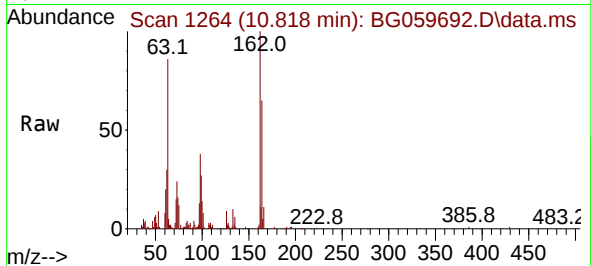
#29
2,4-Dichlorophenol
Concen: 40.089 ng
RT: 10.818 min Scan# 1264
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423



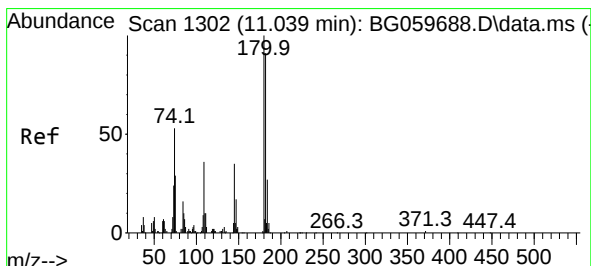
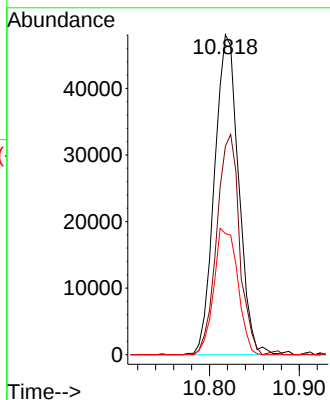
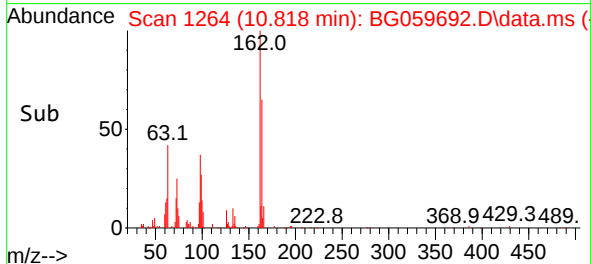
Tgt Ion:162 Resp: 89454
Ion Ratio Lower Upper
162 100
164 65.1 45.6 85.6
98 37.9 18.1 58.1

Manual Integrations

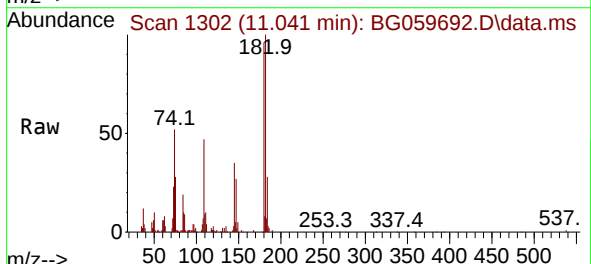
APPROVED

Reviewed By :Yogesh Patel 11/16/2023

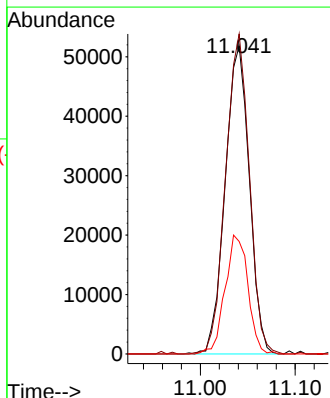
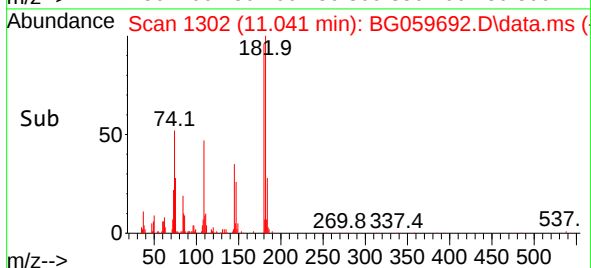
Supervised By :mohammad ahmed 11/17/2023

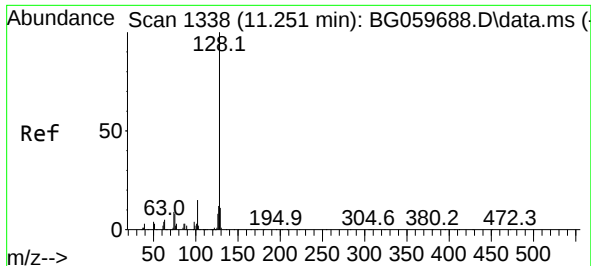


#30
1,2,4-Trichlorobenzene
Concen: 40.210 ng
RT: 11.041 min Scan# 1302
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



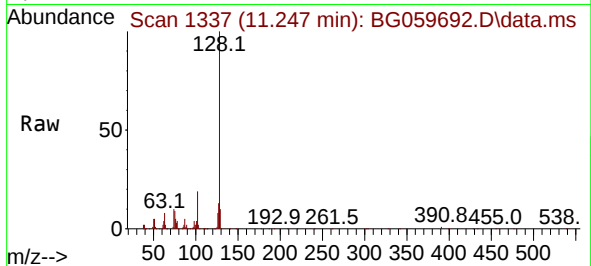
Tgt Ion:180 Resp: 91629
Ion Ratio Lower Upper
180 100
182 103.8 72.9 109.3
145 36.5 28.1 42.1





#31
Naphthalene
Concen: 41.126 ng
RT: 11.247 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

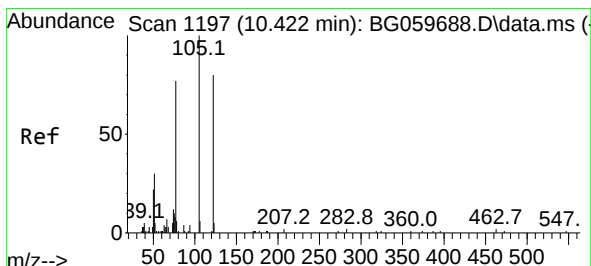
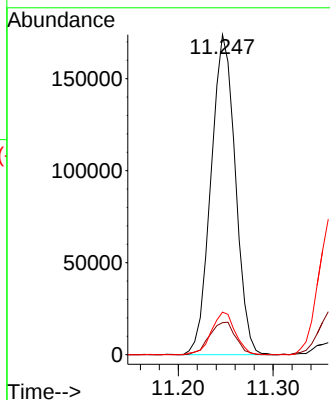
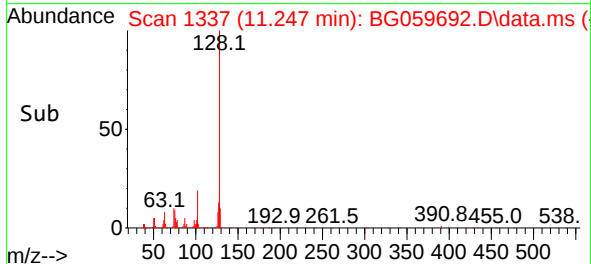
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



Tgt Ion:128 Resp: 311418
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 13.3 9.8 14.6

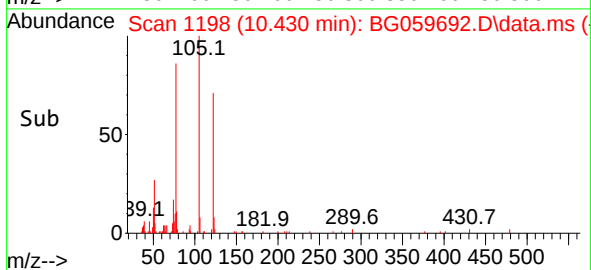
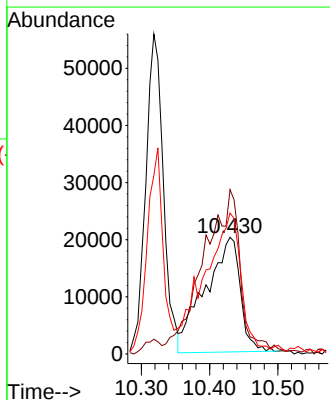
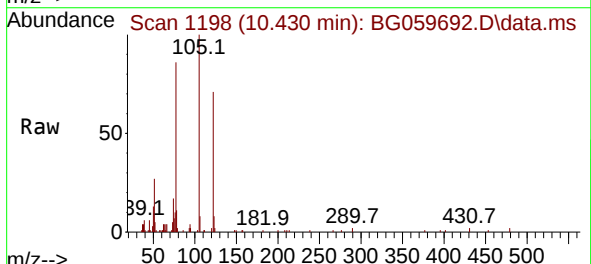
Manual Integrations
APPROVED

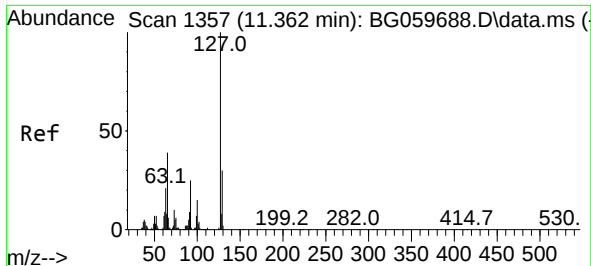
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#32
Benzoic acid
Concen: 42.765 ng
RT: 10.430 min Scan# 1198
Delta R.T. 0.008 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:122 Resp: 71657
Ion Ratio Lower Upper
122 100
105 141.0 110.6 150.6
77 121.0 86.5 126.5





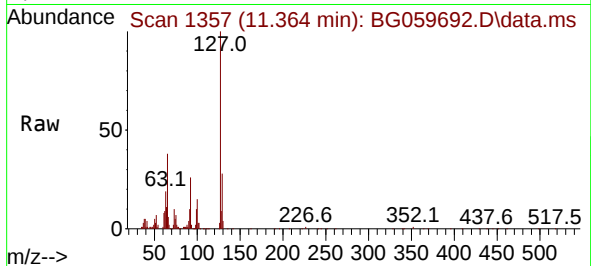
#33
4-Chloroaniline
Concen: 41.021 ng
RT: 11.364 min Scan# 1357
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423



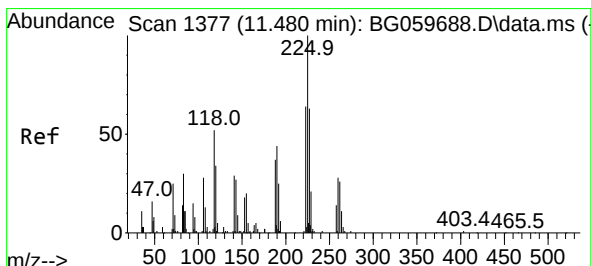
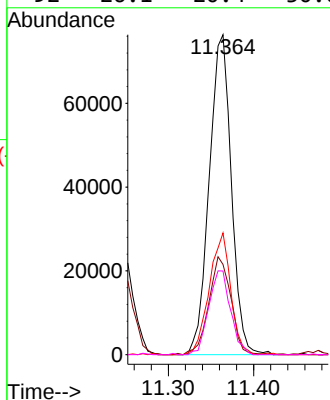
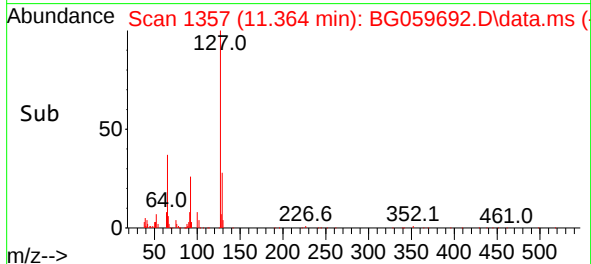
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.2	24.2	36.2
65	38.0	31.3	46.9
92	26.1	20.4	30.6

Manual Integrations

APPROVED

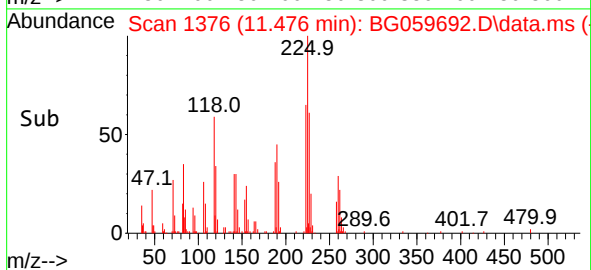
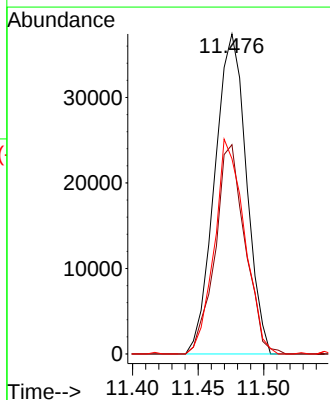
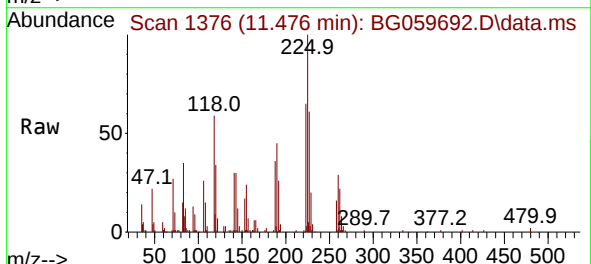
Reviewed By :Yogesh Patel 11/16/2023

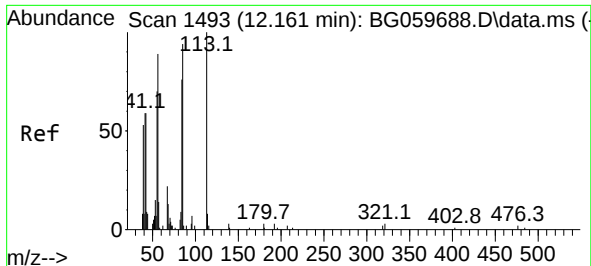
Supervised By :mohammad ahmed 11/17/2023



#34
Hexachlorobutadiene
Concen: 42.753 ng
RT: 11.476 min Scan# 1376
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.0	76.6
227	61.0	50.1	75.1





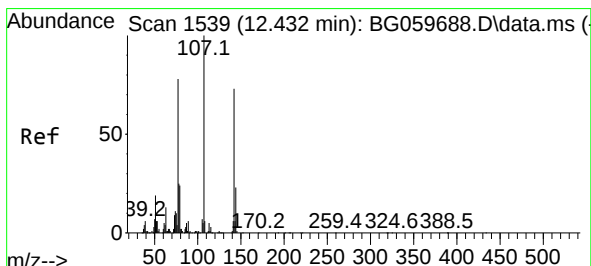
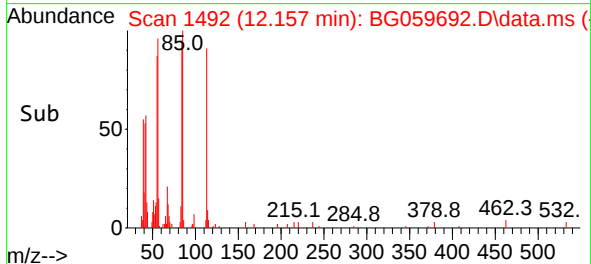
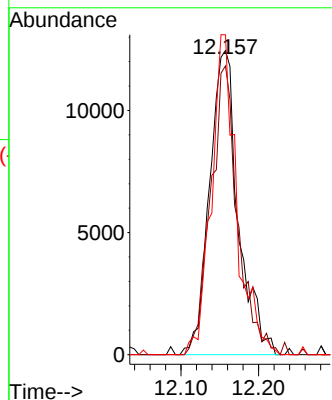
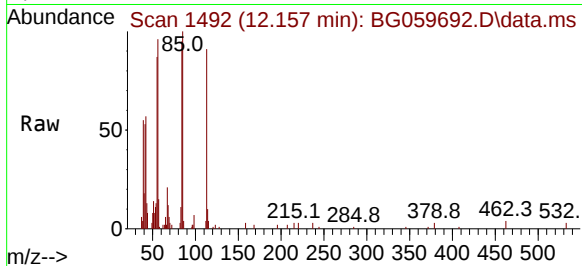
#35
Caprolactam
Concen: 40.234 ng
RT: 12.157 min Scan# 1493
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
BNA_G
ClientSampleId :
ICVBG111423

Tgt Ion:113 Resp: 3211
Ion Ratio Lower Upper
113 100
55 94.9 49.8 89.8
56 105.1 68.8 108.8

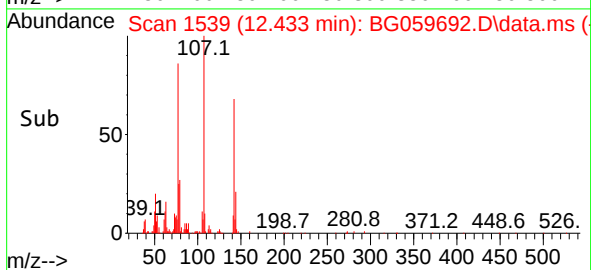
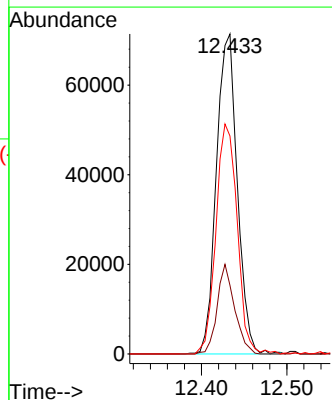
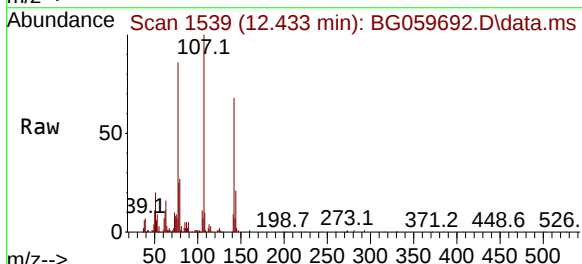
Manual Integrations
APPROVED

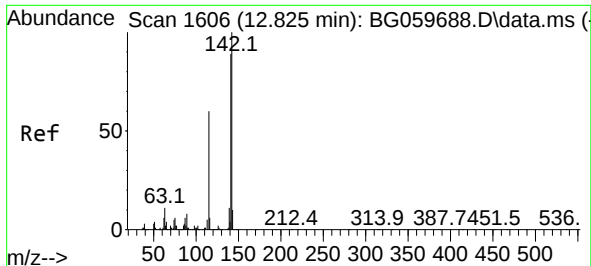
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#36
4-Chloro-3-methylphenol
Concen: 40.513 ng
RT: 12.433 min Scan# 1539
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

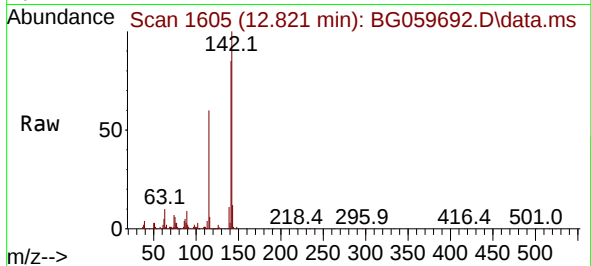
Tgt Ion:107 Resp: 121847
Ion Ratio Lower Upper
107 100
144 21.4 18.3 27.5
142 68.1 58.4 87.6





#37
2-Methylnaphthalene
Concen: 40.596 ng
RT: 12.821 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

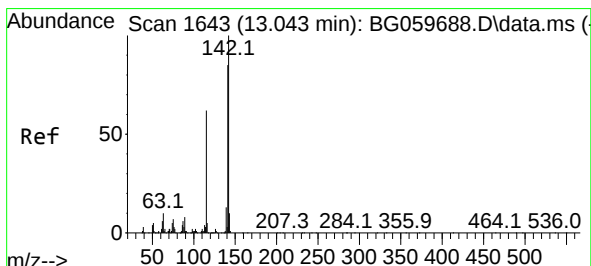
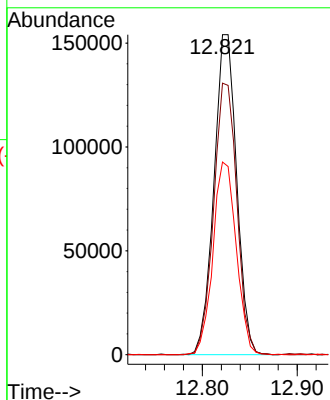
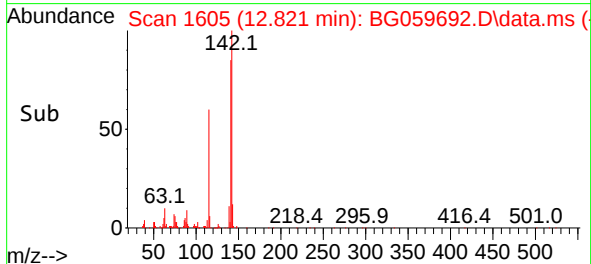
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



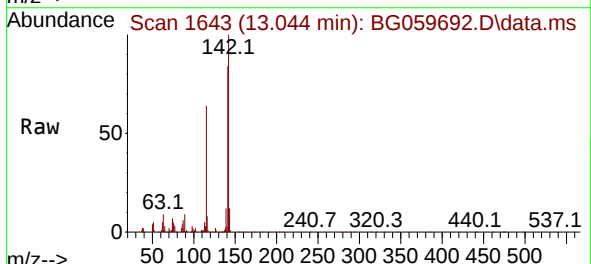
Tgt Ion:142 Resp: 256742
Ion Ratio Lower Upper
142 100
141 84.8 70.9 106.3
115 60.2 47.9 71.9

Manual Integrations
APPROVED

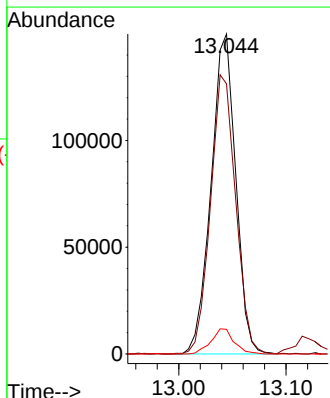
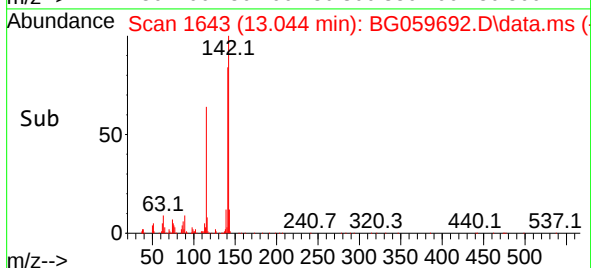
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

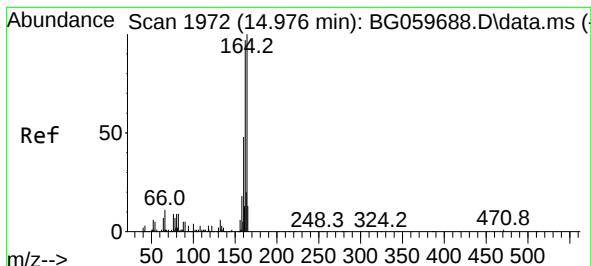


#38
1-Methylnaphthalene
Concen: 41.226 ng m
RT: 13.044 min Scan# 1643
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:142 Resp: 239500
Ion Ratio Lower Upper
142 100
141 84.4 68.3 102.5
116 7.7 4.4 6.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.977 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

Tgt Ion:164 Resp: 10795

Ion Ratio Lower Upper

164 100

162 97.2 77.8 116.6

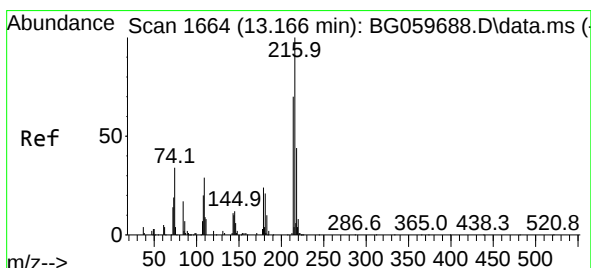
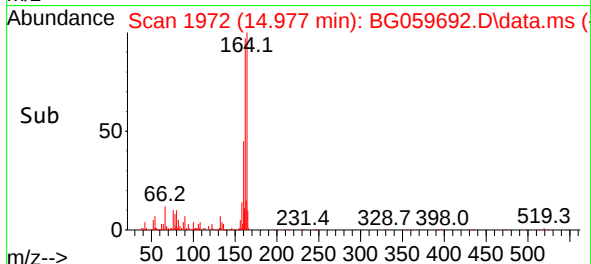
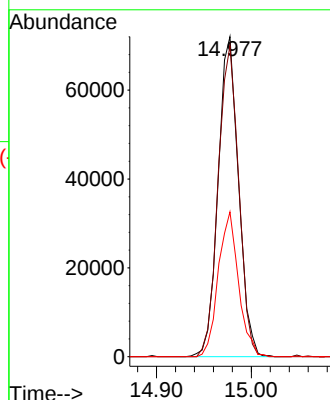
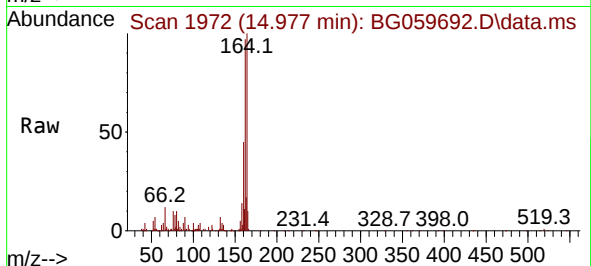
160 45.3 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.887 ng

RT: 13.168 min Scan# 1664

Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:216 Resp: 114355

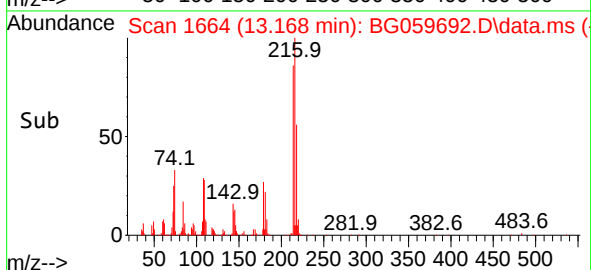
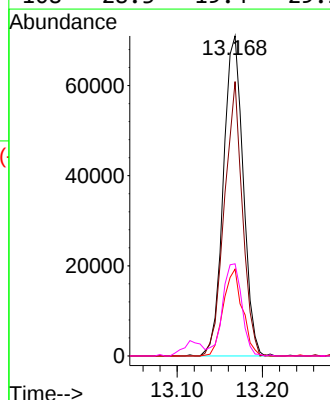
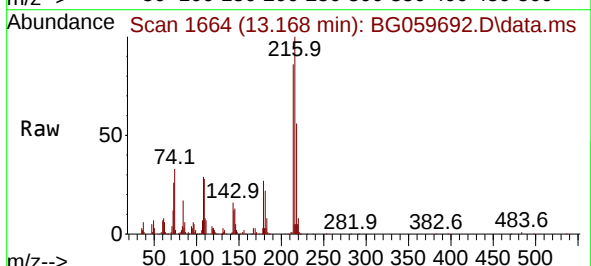
Ion Ratio Lower Upper

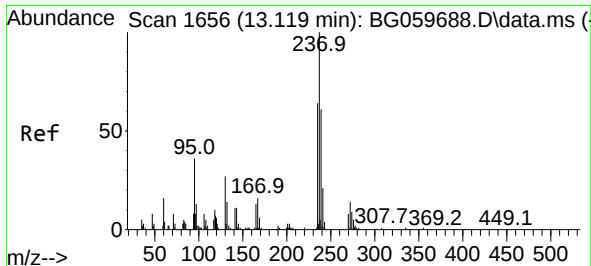
216 100

214 78.3 62.2 93.2

179 26.3 19.5 29.3

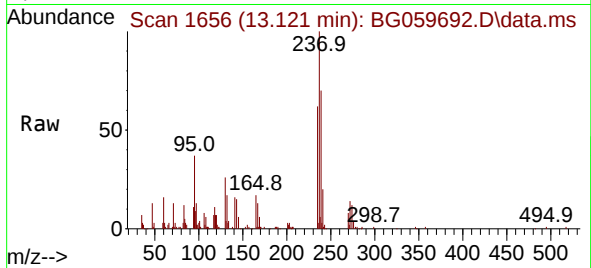
108 28.3 19.4 29.2





#41
Hexachlorocyclopentadiene
Concen: 39.597 ng
RT: 13.121 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

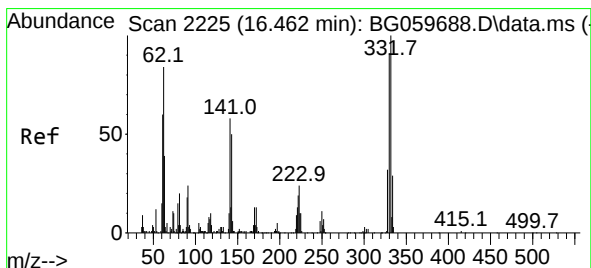
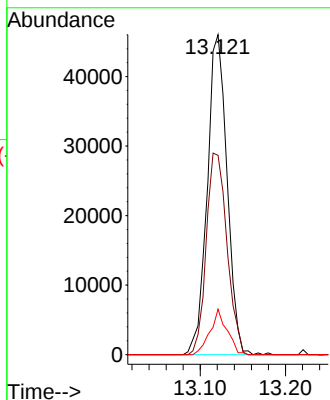
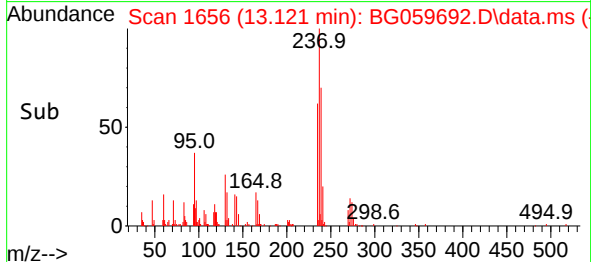
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



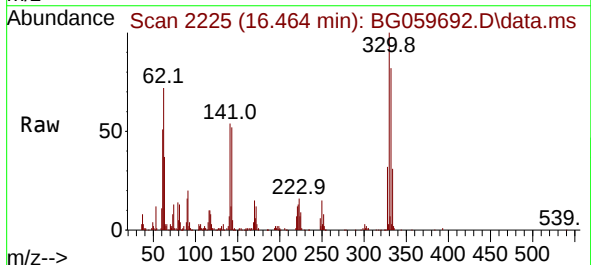
Tgt Ion:237 Resp: 74479
Ion Ratio Lower Upper
237 100
235 65.4 44.4 84.4
272 14.2 0.0 33.6

Manual Integrations
APPROVED

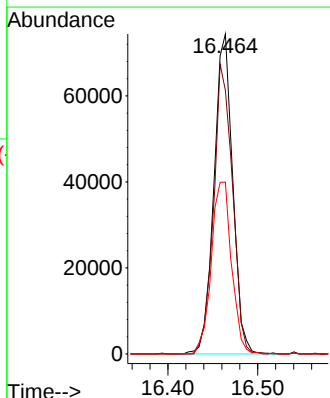
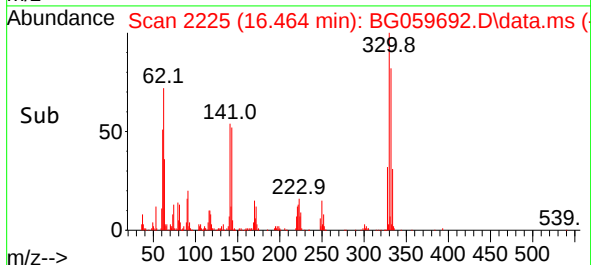
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

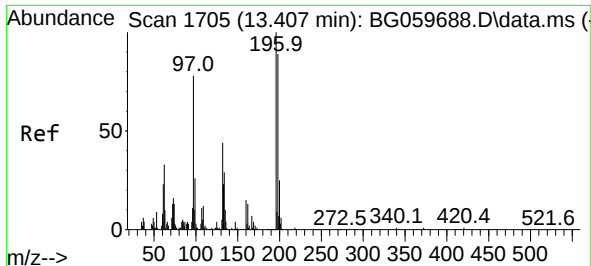


#42
2,4,6-Tribromophenol
Concen: 88.328 ng
RT: 16.464 min Scan# 2225
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



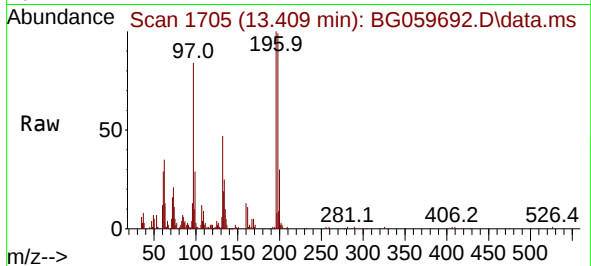
Tgt Ion:330 Resp: 107613
Ion Ratio Lower Upper
330 100
332 91.2 80.7 121.1
141 58.2 51.0 76.6





#43
2,4,6-Trichlorophenol
Concen: 41.354 ng
RT: 13.409 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

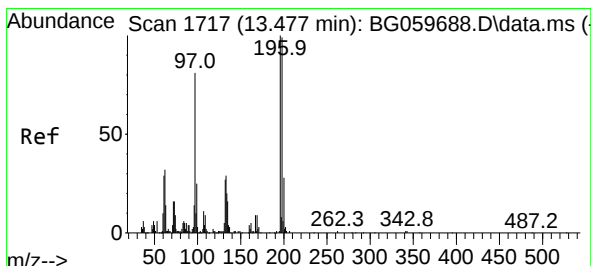
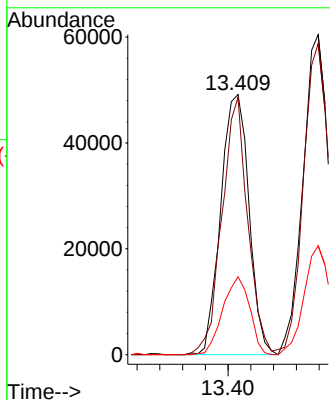
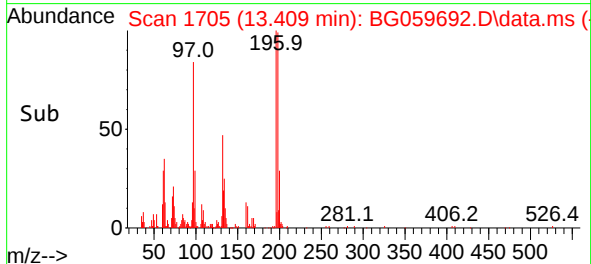
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



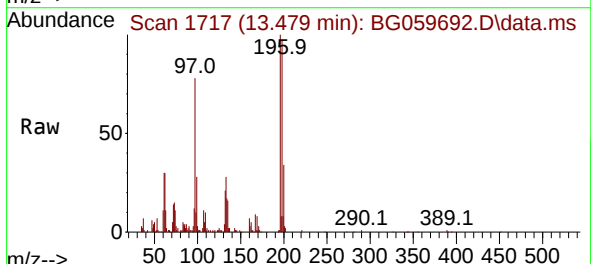
Tgt Ion:196 Resp: 8484
Ion Ratio Lower Upper
196 100
198 98.9 71.0 106.6
200 30.0 19.9 29.9

Manual Integrations
APPROVED

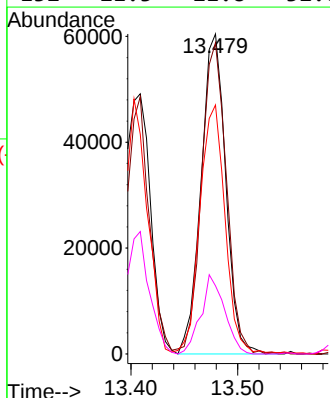
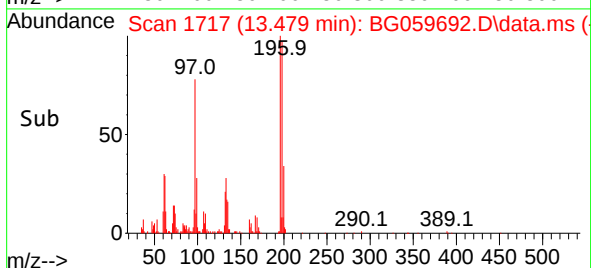
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

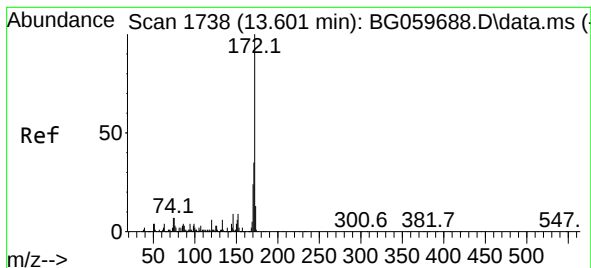


#44
2,4,5-Trichlorophenol
Concen: 41.460 ng
RT: 13.479 min Scan# 1717
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:196 Resp: 97400
Ion Ratio Lower Upper
196 100
198 97.3 79.3 118.9
97 77.8 65.0 97.4
132 21.3 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 81.000 ng
RT: 13.603 min Scan# 1738
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

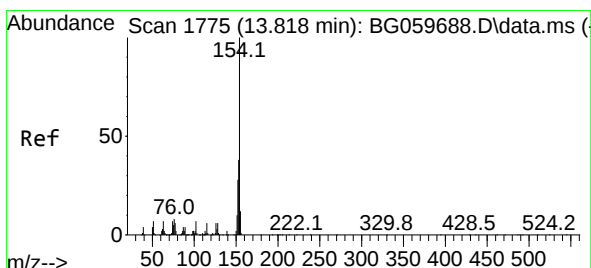
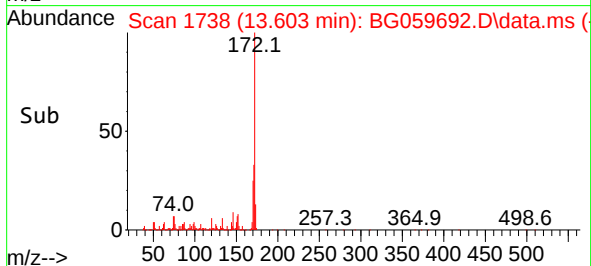
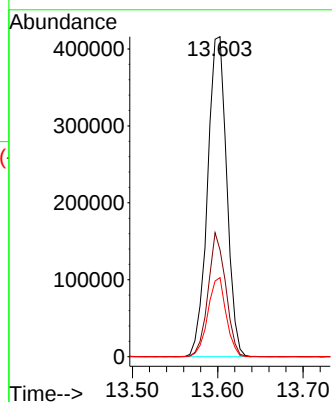
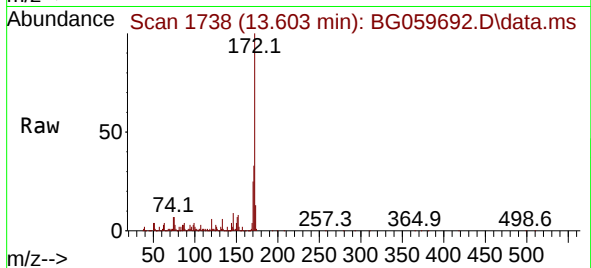
ICVBG111423

Tgt Ion:172 Resp: 648588
Ion Ratio Lower Upper
172 100
171 33.3 27.9 41.9
170 24.7 19.0 28.4

Manual Integrations

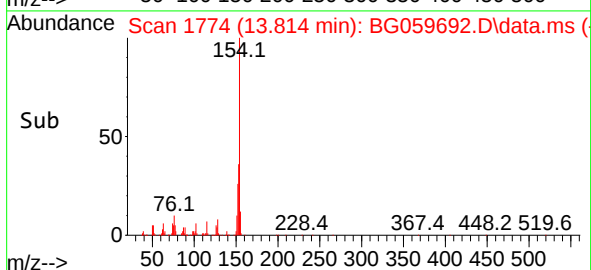
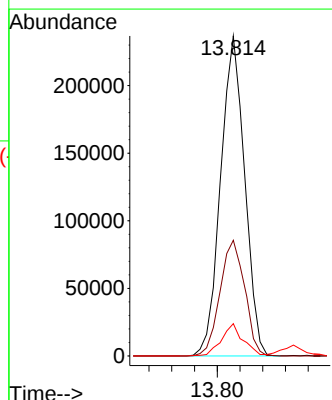
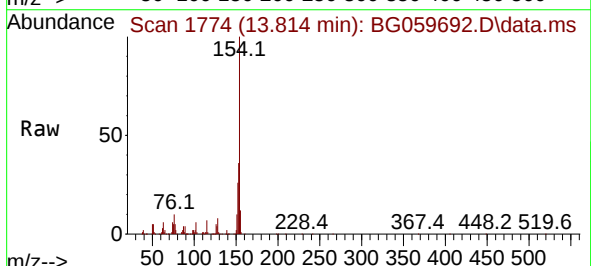
APPROVED

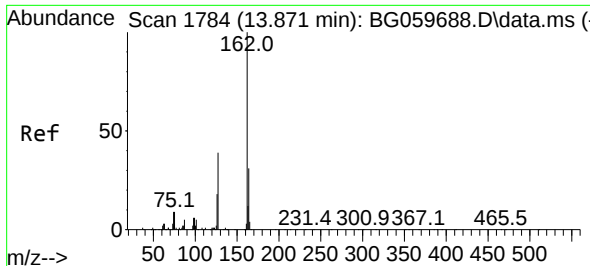
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#46
1,1'-Biphenyl
Concen: 41.378 ng
RT: 13.814 min Scan# 1774
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:154 Resp: 347759
Ion Ratio Lower Upper
154 100
153 36.2 18.4 58.4
76 10.1 0.0 28.2





#47
2-Chloronaphthalene
Concen: 39.313 ng
RT: 13.867 min Scan# 1783
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

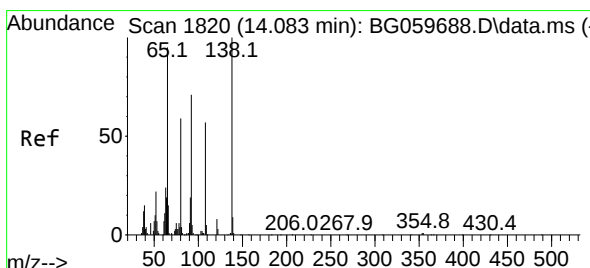
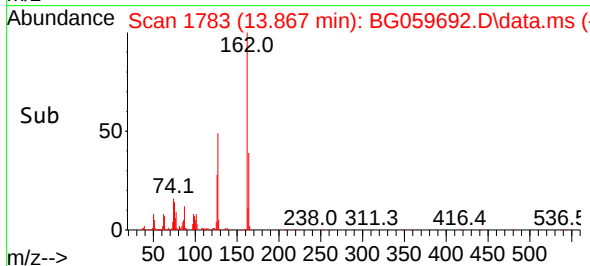
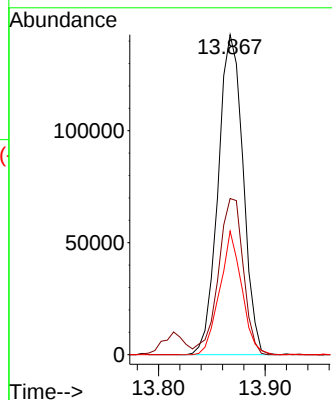
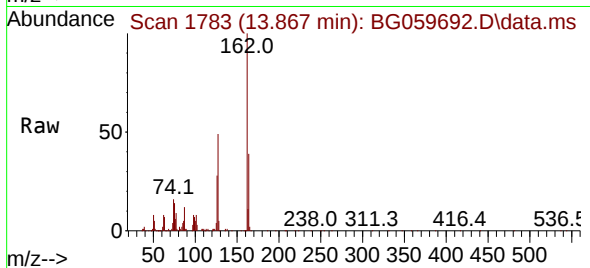
ICVBG111423

Tgt Ion:162 Resp: 23210
Ion Ratio Lower Upper
162 100
127 48.8 33.7 50.5
164 38.6 24.9 37.3

Manual Integrations

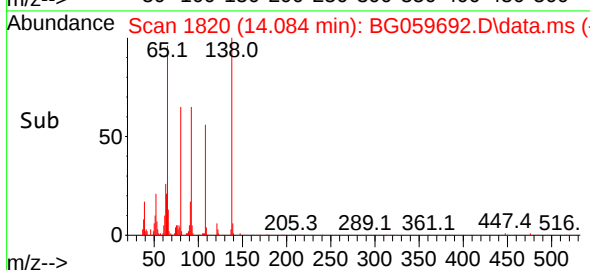
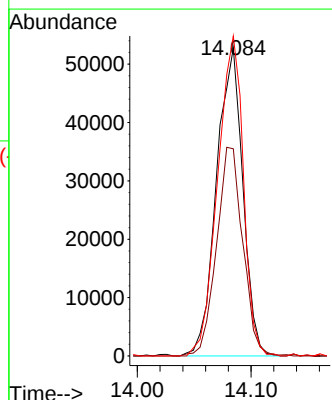
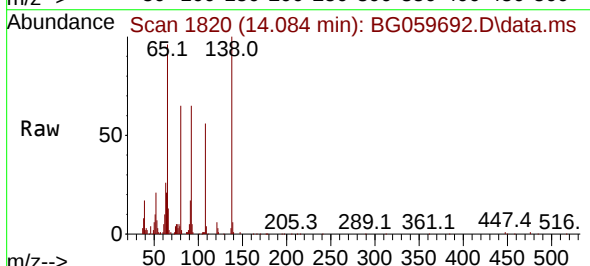
APPROVED

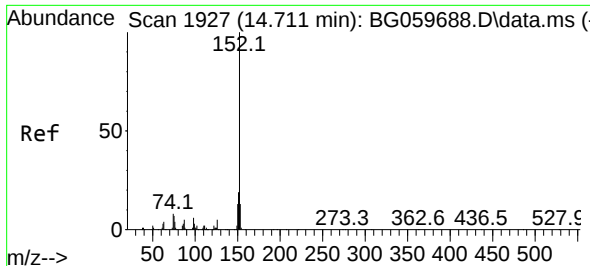
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#48
2-Nitroaniline
Concen: 42.286 ng
RT: 14.084 min Scan# 1820
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion: 65 Resp: 84835
Ion Ratio Lower Upper
65 100
92 67.3 60.2 90.2
138 103.9 84.4 126.6





#49
Acenaphthylene
Concen: 40.417 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

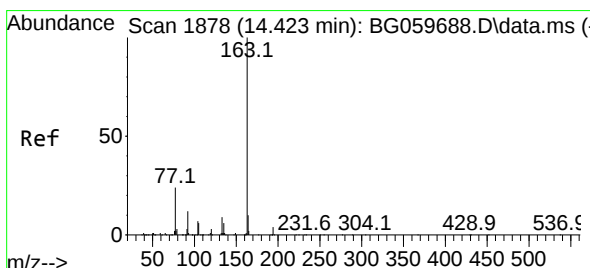
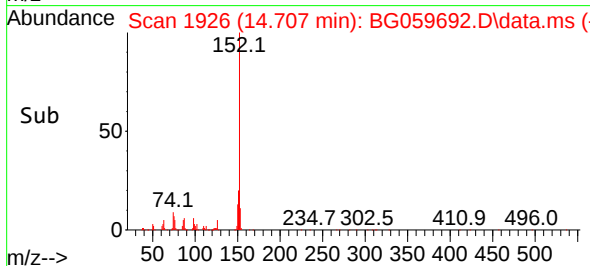
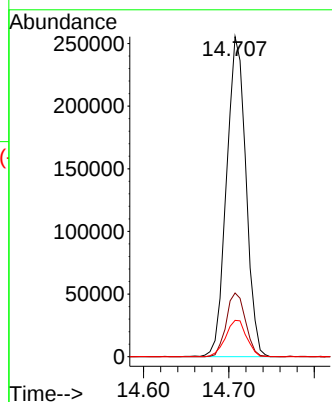
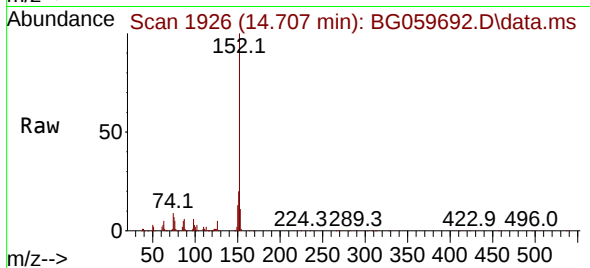
ICVBG111423

Tgt Ion:152 Resp: 403020
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 11.4 10.0 15.0

Manual Integrations

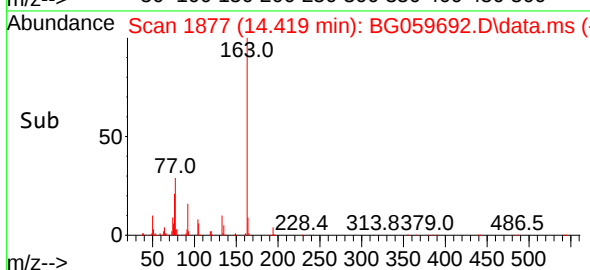
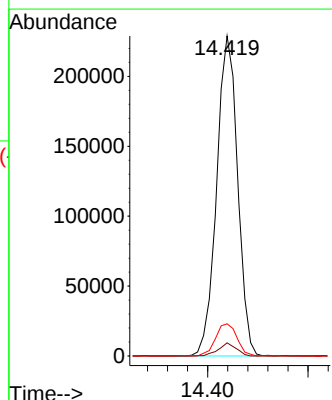
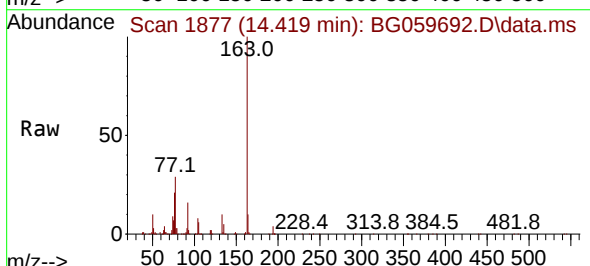
APPROVED

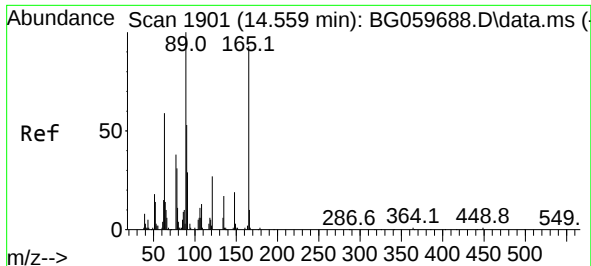
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#50
Dimethylphthalate
Concen: 40.253 ng
RT: 14.419 min Scan# 1877
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:163 Resp: 331383
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.7 11.5





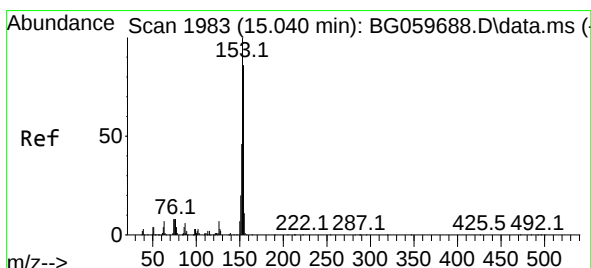
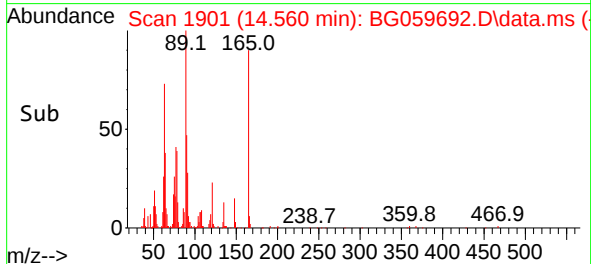
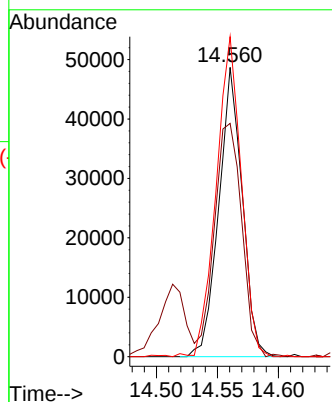
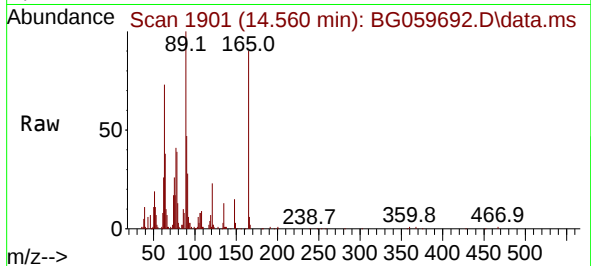
#51
2,6-Dinitrotoluene
Concen: 40.992 ng
RT: 14.560 min Scan# 1901
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :
BNA_G
ClientSampleId :
ICVBG111423

Tgt Ion:165 Resp: 6505
Ion Ratio Lower Upper
165 100
63 80.7 73.6 110.4
89 110.6 87.0 130.6

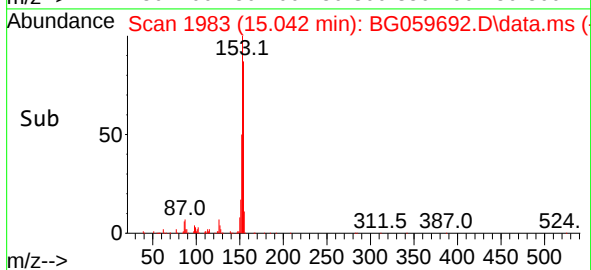
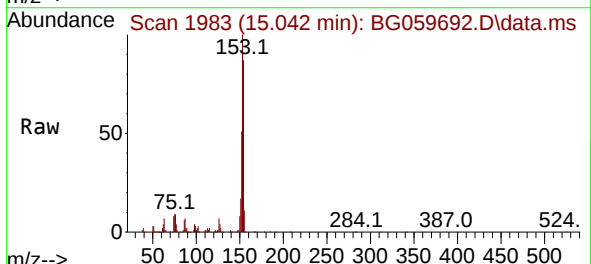
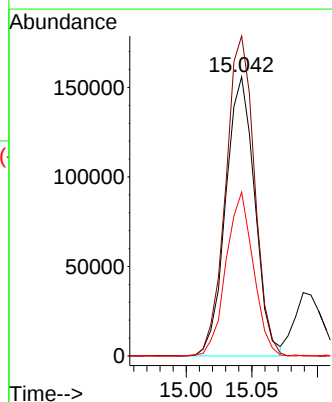
Manual Integrations
APPROVED

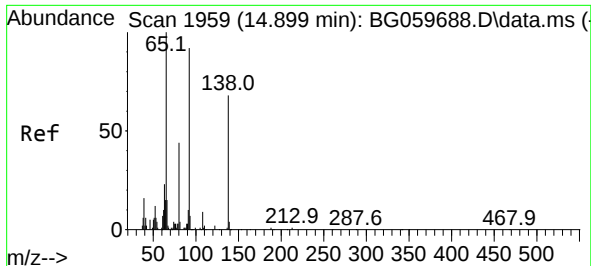
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#52
Acenaphthene
Concen: 40.166 ng
RT: 15.042 min Scan# 1983
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:154 Resp: 240206
Ion Ratio Lower Upper
154 100
153 114.7 92.7 139.1
152 58.7 42.7 64.1





#53
3-Nitroaniline
Concen: 40.770 ng
RT: 14.901 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

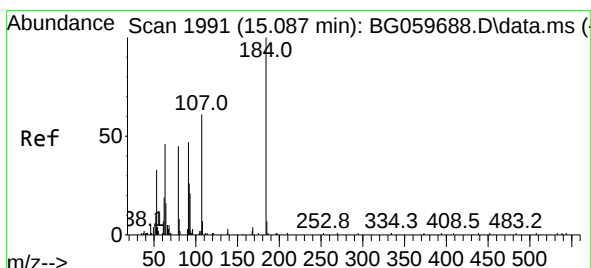
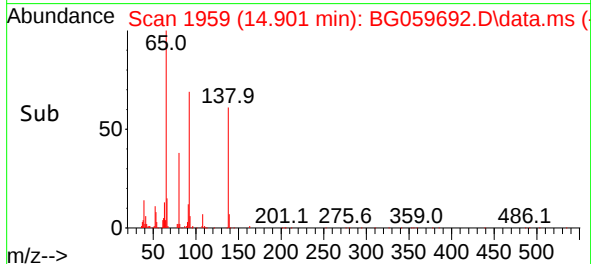
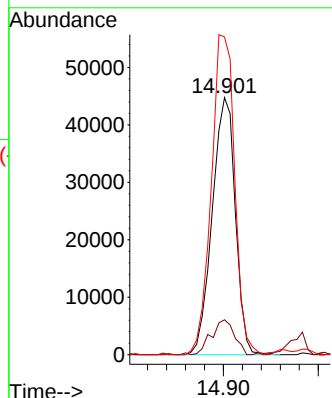
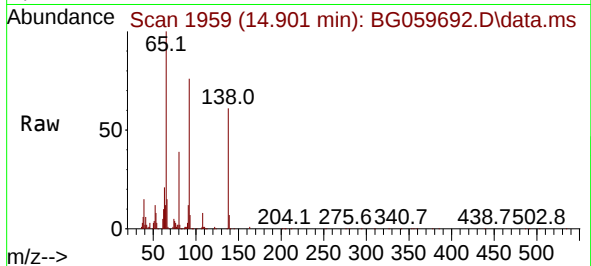
ICVBG111423

Tgt Ion:138 Resp: 75570
Ion Ratio Lower Upper
138 100
108 13.6 10.3 15.5
92 123.6 108.6 163.0

Manual Integrations

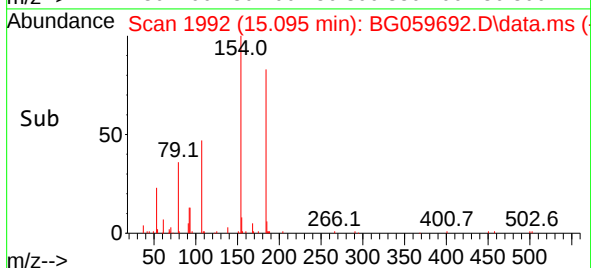
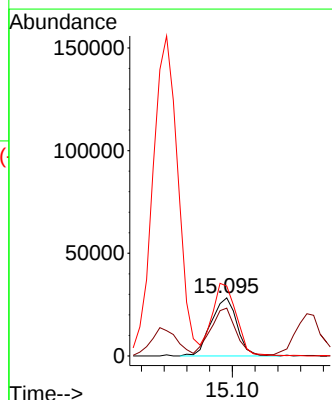
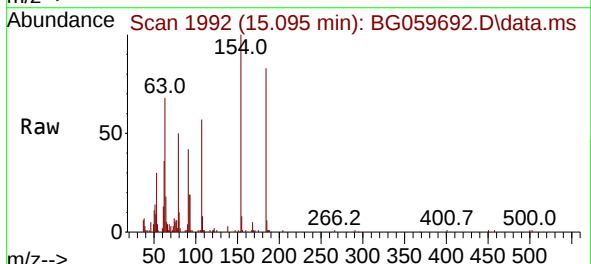
APPROVED

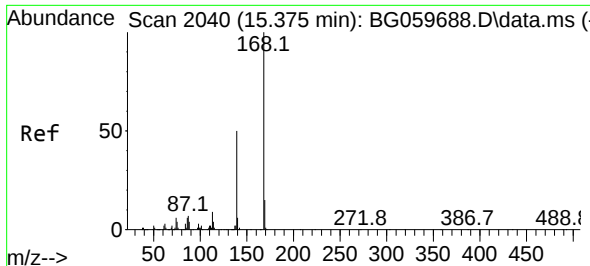
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#54
2,4-Dinitrophenol
Concen: 41.998 ng
RT: 15.095 min Scan# 1992
Delta R.T. 0.008 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

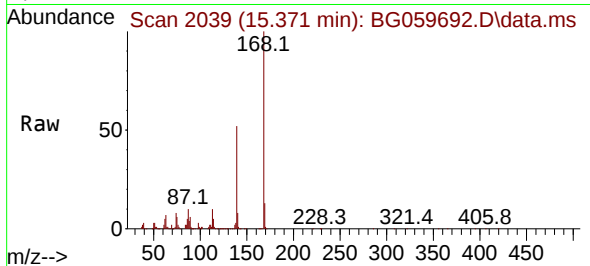
Tgt Ion:184 Resp: 44804
Ion Ratio Lower Upper
184 100
63 82.3 58.5 87.7
154 120.3 85.4 128.0





#55
Dibenzenofuran
Concen: 40.325 ng
RT: 15.371 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

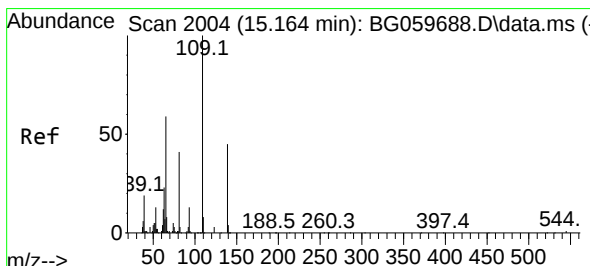
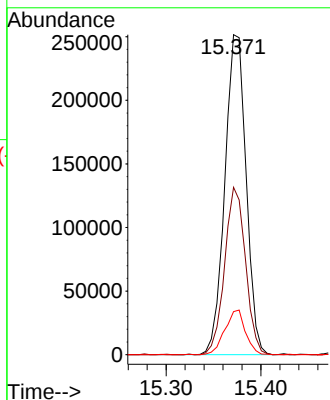
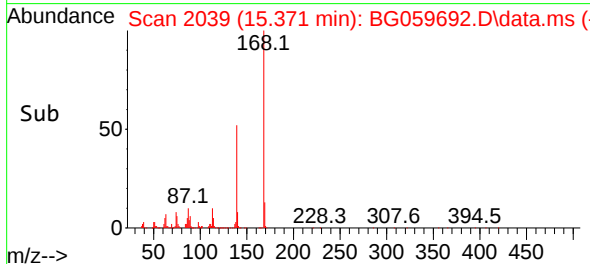
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



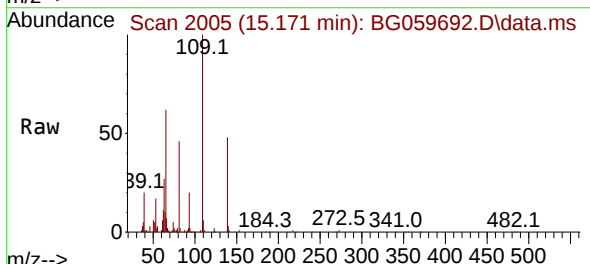
Tgt Ion:168 Resp: 391722
Ion Ratio Lower Upper
168 100
139 52.3 39.9 59.9
169 13.5 11.7 17.5

Manual Integrations
APPROVED

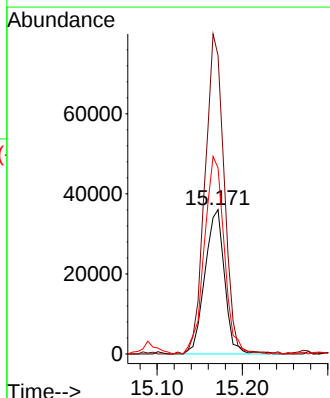
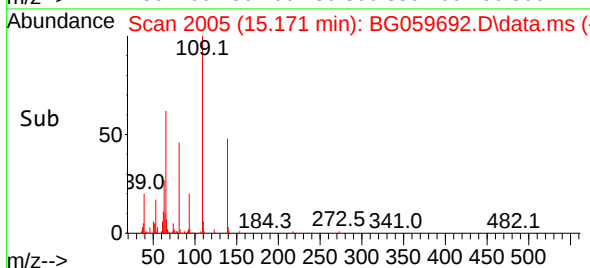
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

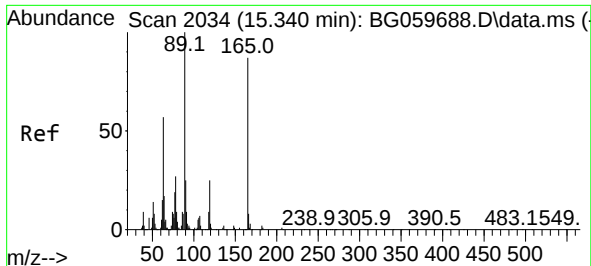


#56
4-Nitrophenol
Concen: 41.050 ng
RT: 15.171 min Scan# 2005
Delta R.T. 0.008 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:139 Resp: 57698
Ion Ratio Lower Upper
139 100
109 206.7 204.7 244.7
65 128.9 112.1 152.1





#57

2,4-Dinitrotoluene

Concen: 43.973 ng

RT: 15.336 min Scan# 2034

Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

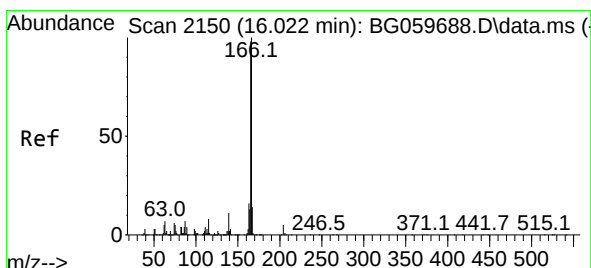
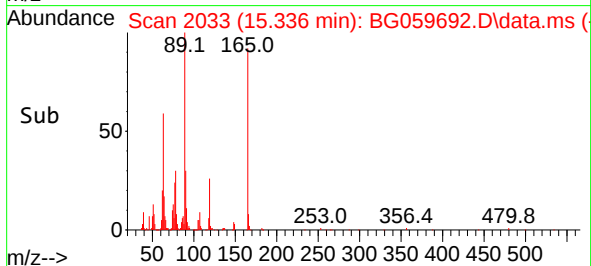
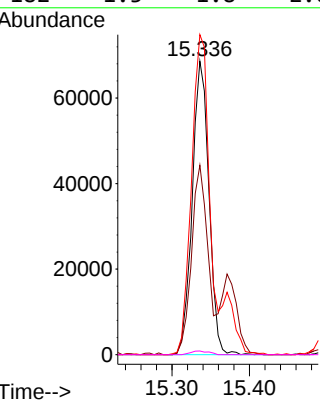
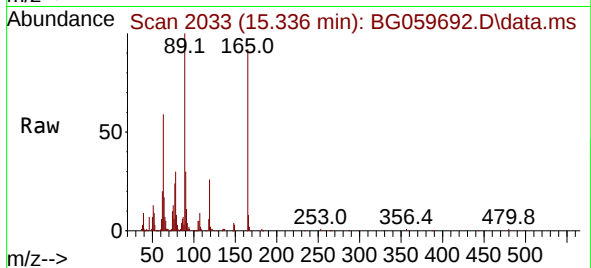
Tgt Ion:165	Resp: 10259
Ion Ratio	Lower Upper
165 100	
63 64.5	52.2 78.2
89 109.1	91.8 137.6
182 1.3	1.8 2.6#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#58

Fluorene

Concen: 40.158 ng

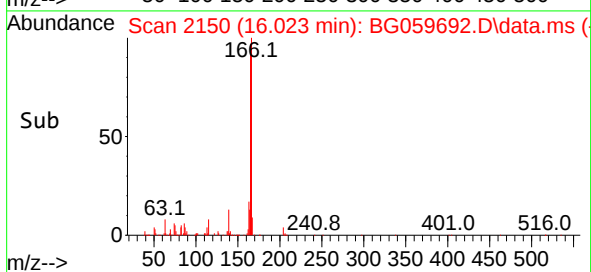
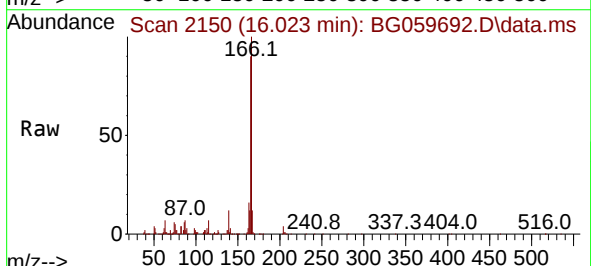
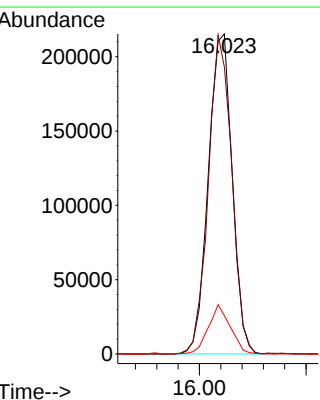
RT: 16.023 min Scan# 2150

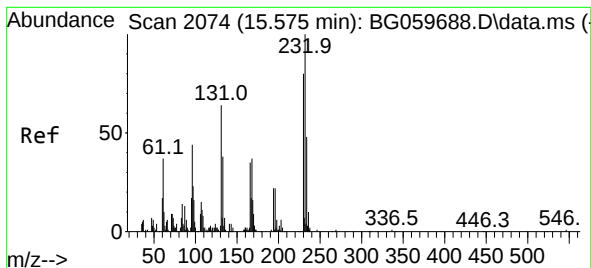
Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

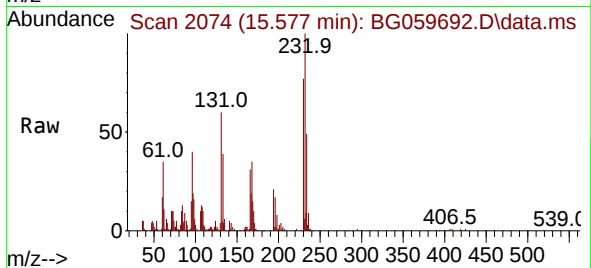
Tgt Ion:166	Resp: 334596
Ion Ratio	Lower Upper
166 100	
165 89.7	78.2 117.2
167 12.0	11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.088 ng
RT: 15.577 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

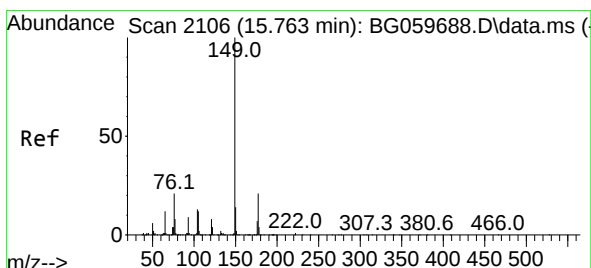
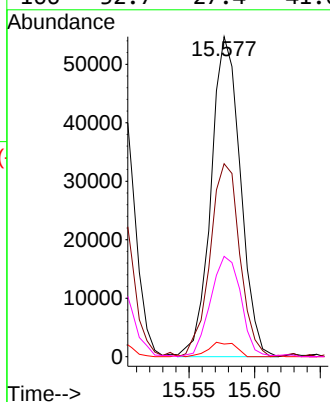
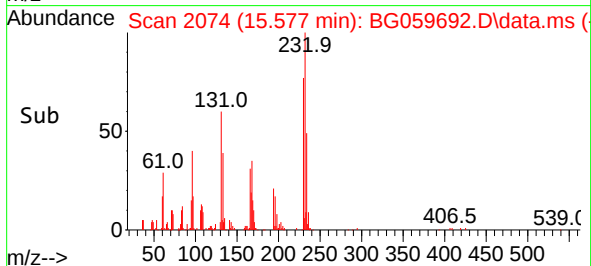
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



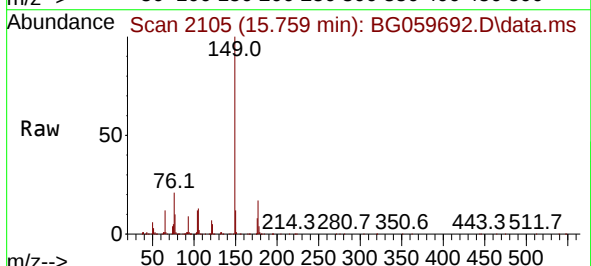
Tgt Ion:232 Resp: 85030
Ion Ratio Lower Upper
232 100
131 61.1 49.5 74.3
130 4.3 3.4 5.2
166 32.7 27.4 41.0

Manual Integrations
APPROVED

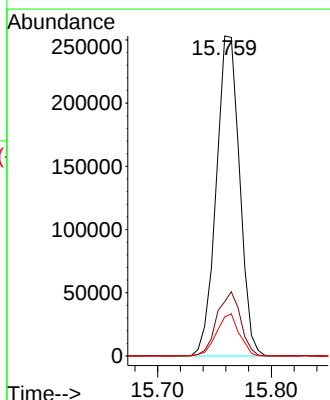
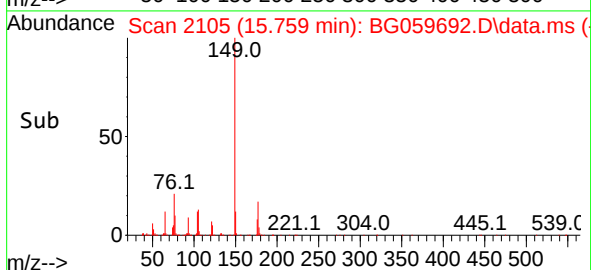
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

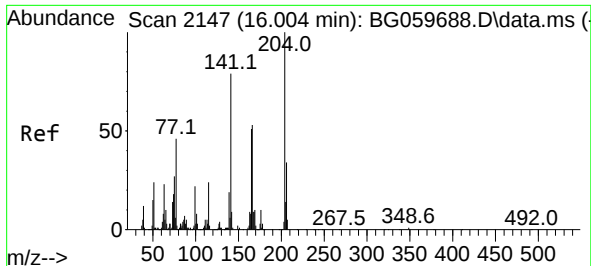


#60
Diethylphthalate
Concen: 40.671 ng
RT: 15.759 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



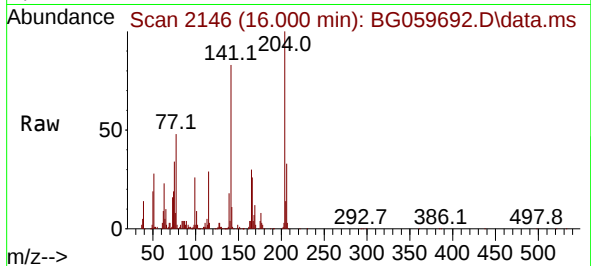
Tgt Ion:149 Resp: 360806
Ion Ratio Lower Upper
149 100
177 17.0 16.5 24.7
150 12.2 10.9 16.3





#61
4-Chlorophenyl-phenylether
Concen: 40.296 ng
RT: 16.000 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

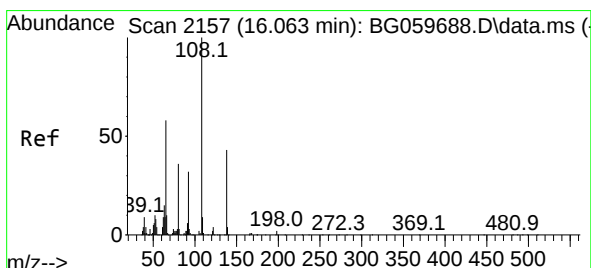
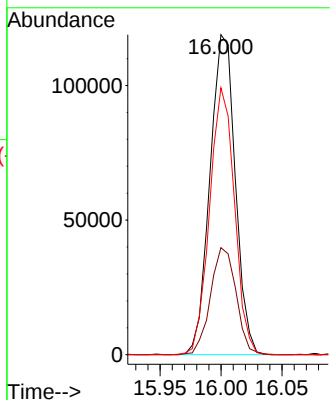
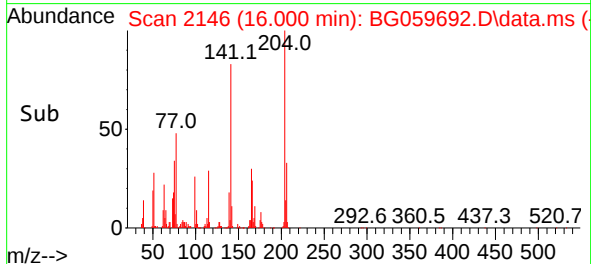
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



Tgt Ion:204 Resp: 171940
Ion Ratio Lower Upper
204 100
206 33.4 27.5 41.3
141 83.4 63.5 95.3

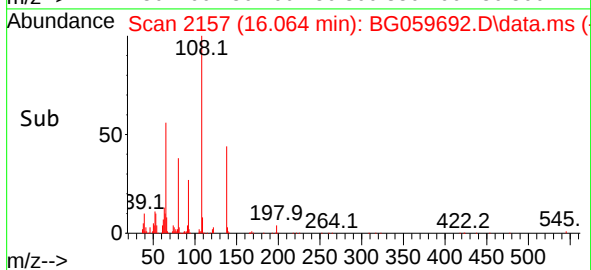
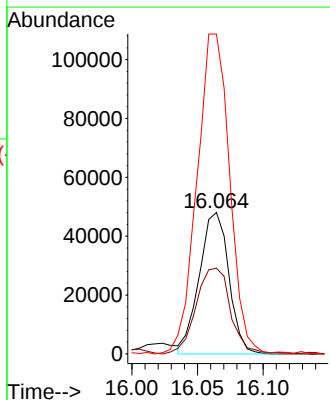
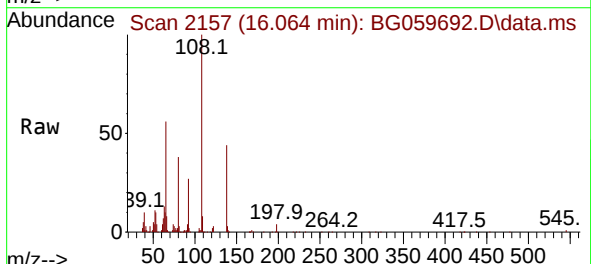
Manual Integrations
APPROVED

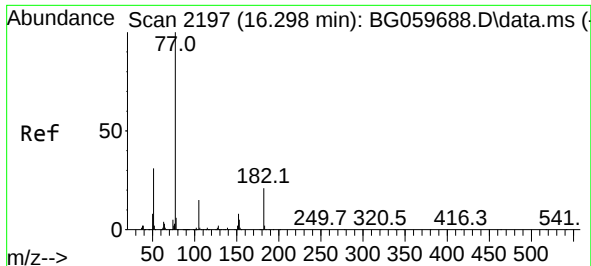
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#62
4-Nitroaniline
Concen: 39.867 ng
RT: 16.064 min Scan# 2157
Delta R.T. 0.001 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:138 Resp: 75412
Ion Ratio Lower Upper
138 100
92 60.6 53.9 93.9
108 226.3 213.3 253.3





#63
Azobenzene
Concen: 39.694 ng
RT: 16.294 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

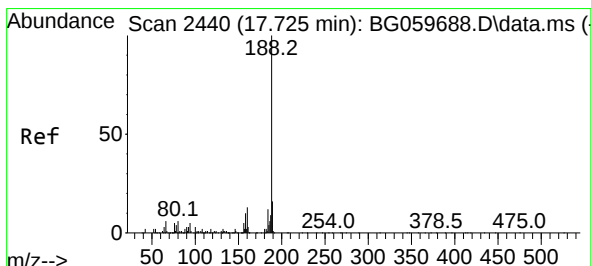
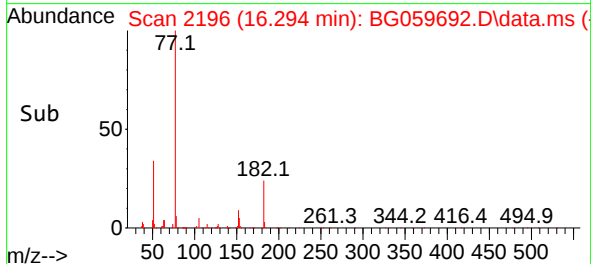
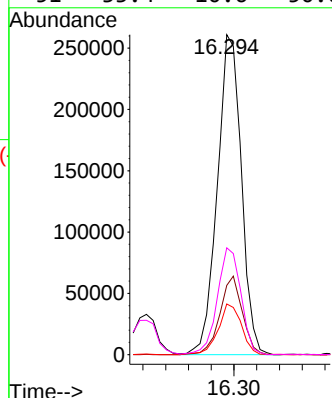
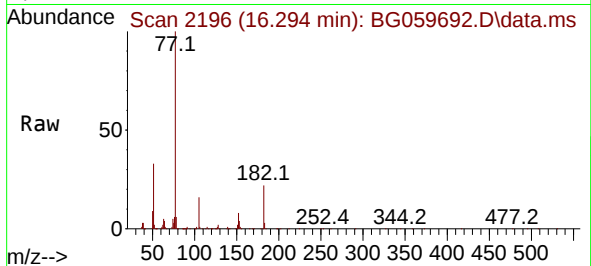
ICVBG111423

Tgt Ion: 77 Resp: 383050
Ion Ratio Lower Upper
77 100
182 21.7 1.4 41.4
105 15.8 0.0 34.7
51 33.4 10.6 50.6

Manual Integrations

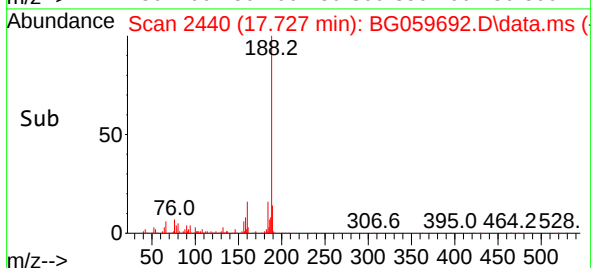
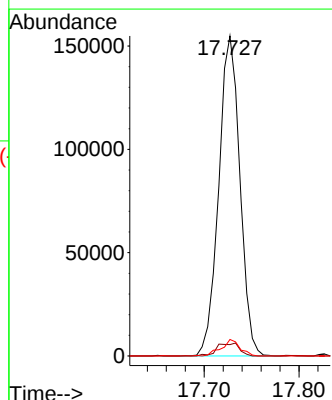
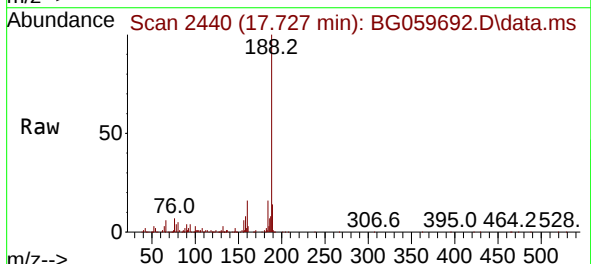
APPROVED

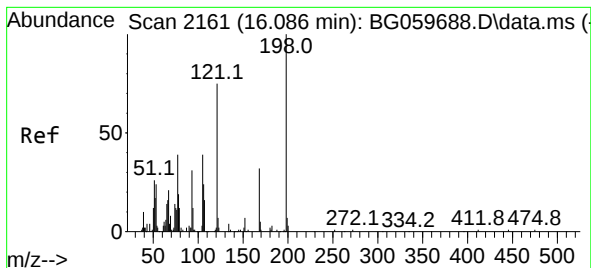
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.727 min Scan# 2440
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

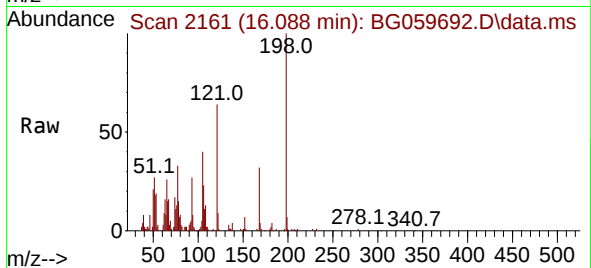
Tgt Ion:188 Resp: 240502
Ion Ratio Lower Upper
188 100
94 3.6 3.9 5.9#
80 5.1 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 44.491 ng
RT: 16.088 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

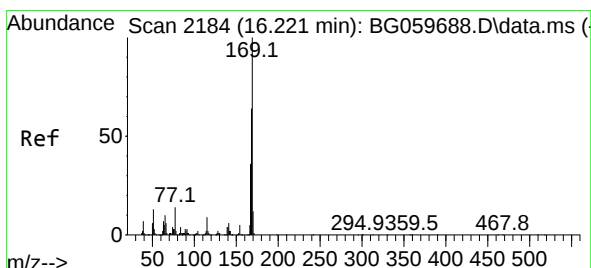
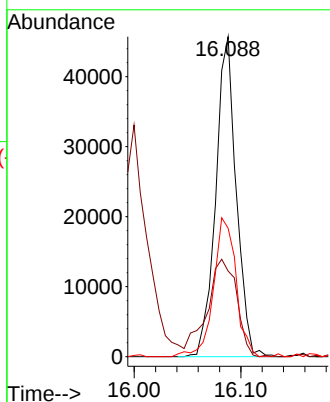
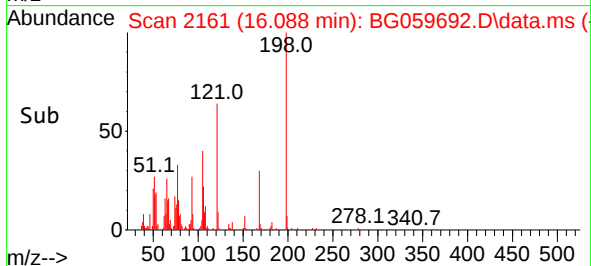
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



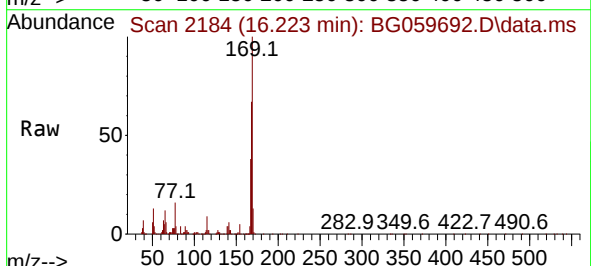
Tgt Ion:198 Resp: 60962
Ion Ratio Lower Upper
198 100
51 26.7 8.2 48.2
105 40.2 19.3 59.3

Manual Integrations
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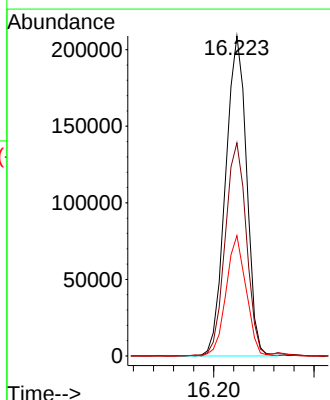
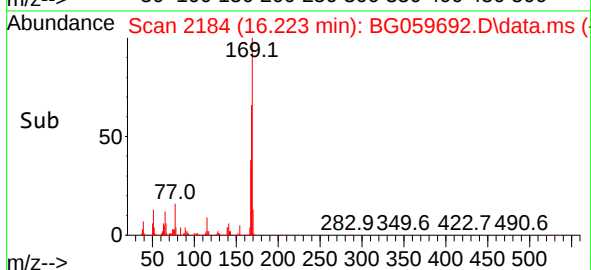
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

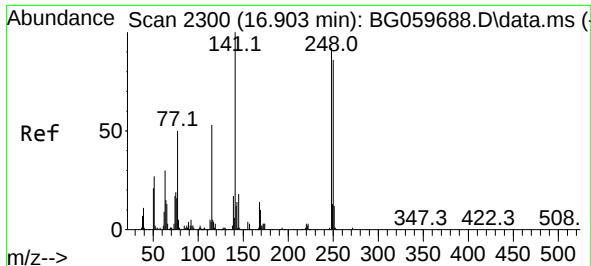


#66
n-Nitrosodiphenylamine
Concen: 43.209 ng
RT: 16.223 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:169 Resp: 303851
Ion Ratio Lower Upper
169 100
168 66.6 51.4 77.2
167 37.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 42.781 ng
RT: 16.899 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

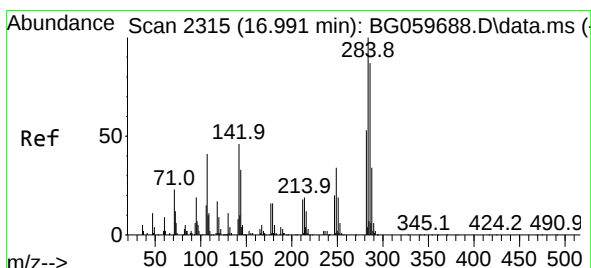
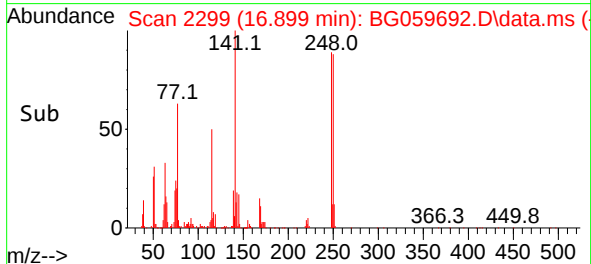
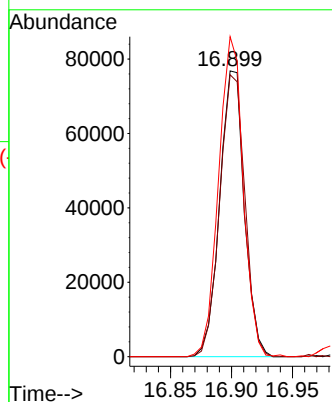
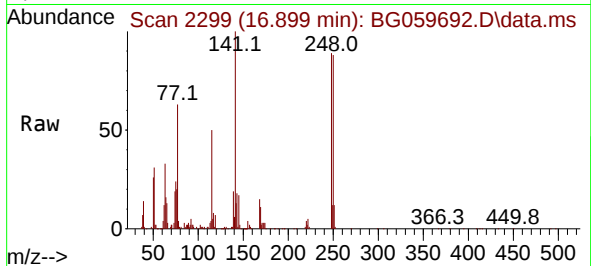
ClientSampleId :

ICVBG111423

Tgt Ion:248 Resp: 10824
Ion Ratio Lower Upper
248 100
250 98.6 74.5 111.7
141 112.0 86.6 129.8

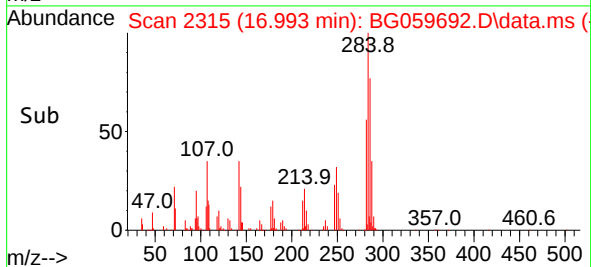
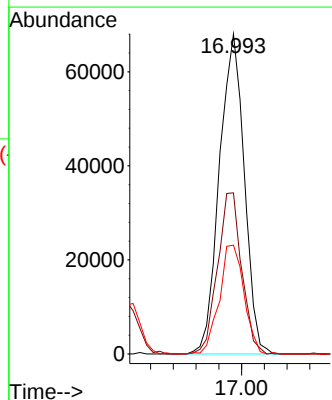
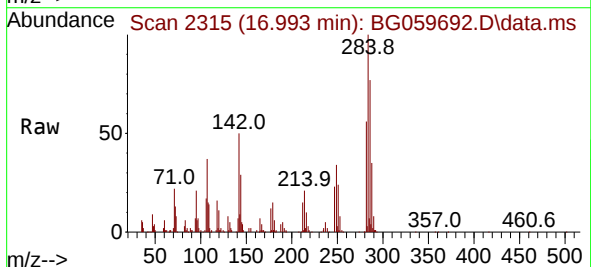
Manual Integrations
APPROVED

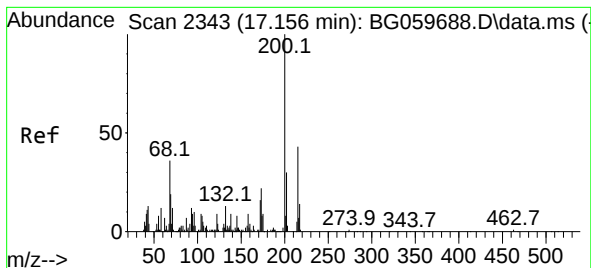
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#68
Hexachlorobenzene
Concen: 43.499 ng
RT: 16.993 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:284 Resp: 103270
Ion Ratio Lower Upper
284 100
142 50.3 36.5 54.7
249 34.0 27.5 41.3





#69

Atrazine

Concen: 38.897 ng

RT: 17.151 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

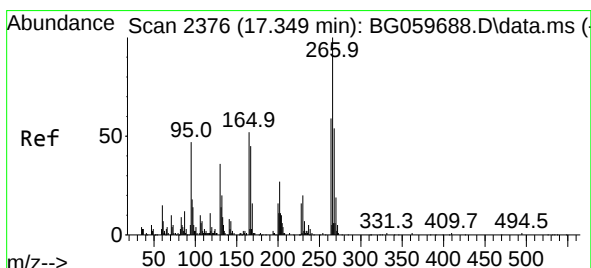
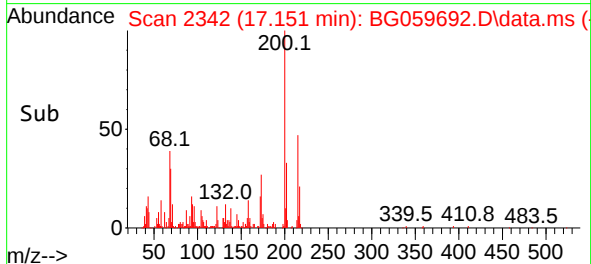
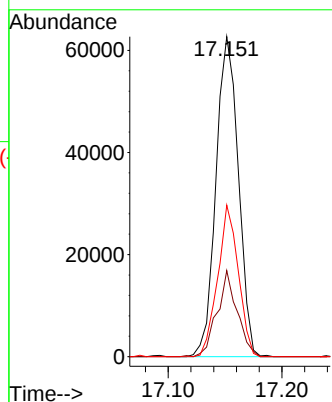
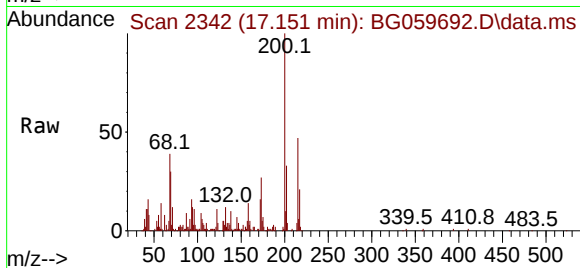
Tgt Ion:200 Resp: 8586
 Ion Ratio Lower Upper
 200 100
 173 26.9 2.0 42.0
 215 47.3 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#70

Pentachlorophenol

Concen: 43.347 ng

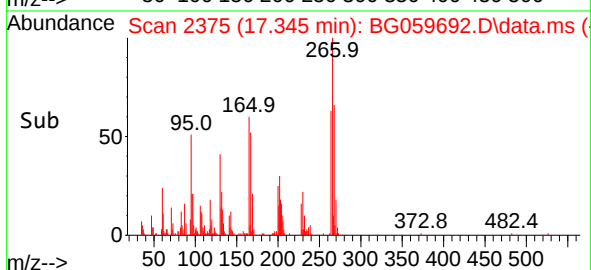
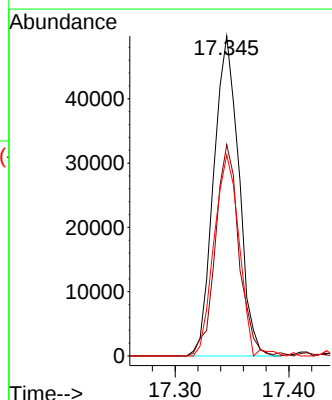
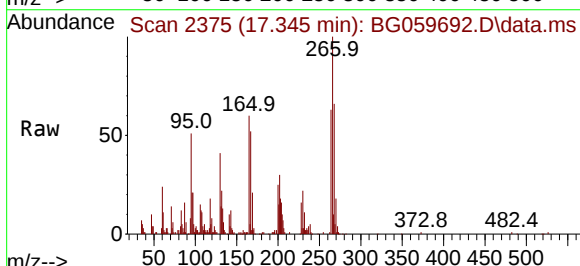
RT: 17.345 min Scan# 2375

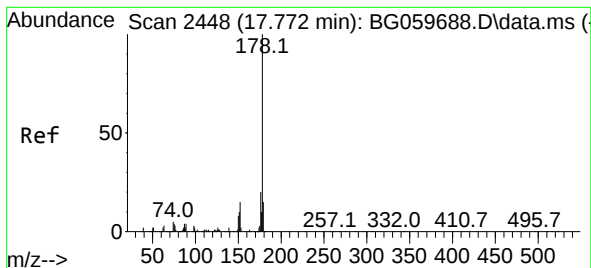
Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:266 Resp: 76233
 Ion Ratio Lower Upper
 266 100
 268 66.1 43.4 65.2#
 264 62.8 47.3 70.9





#71

Phenanthrene

Concen: 42.504 ng

RT: 17.774 min Scan# 2448

Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

Tgt Ion:178 Resp: 530120

Ion Ratio Lower Upper

178 100

176 16.5 16.2 24.4

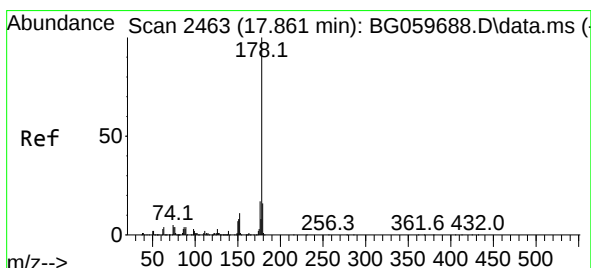
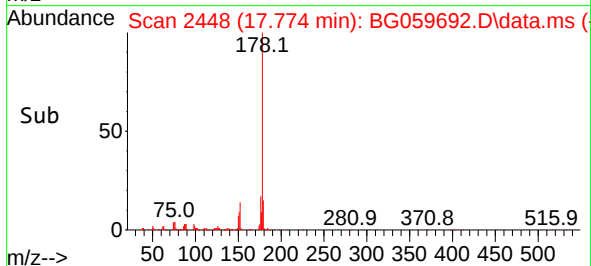
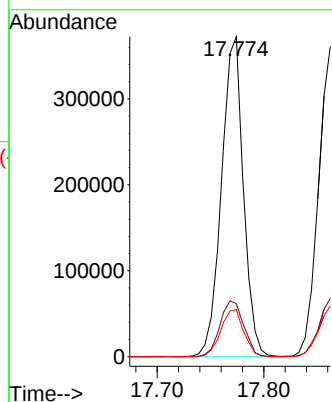
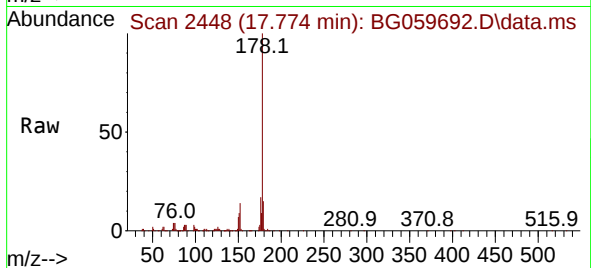
179 14.7 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#72

Anthracene

Concen: 41.566 ng

RT: 17.862 min Scan# 2463

Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

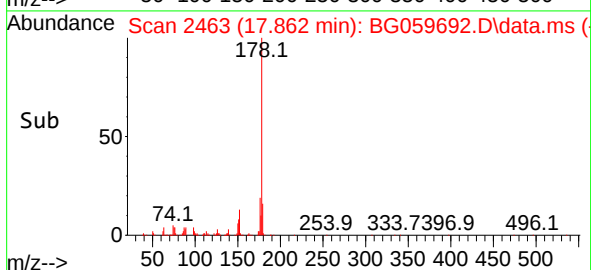
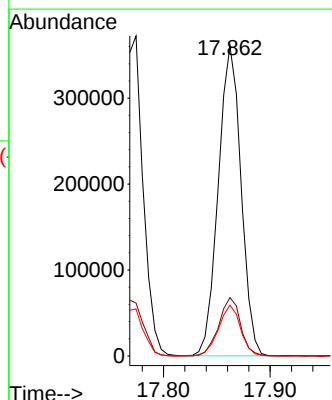
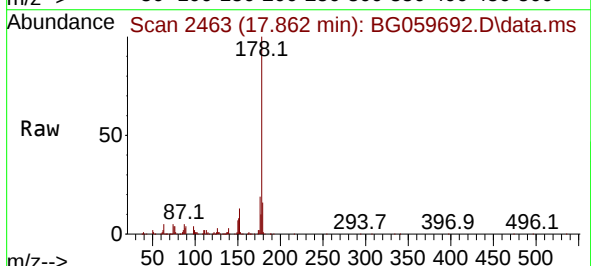
Tgt Ion:178 Resp: 533534

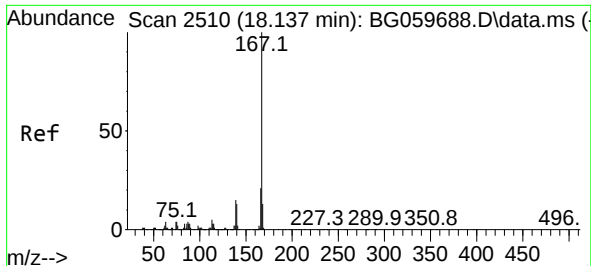
Ion Ratio Lower Upper

178 100

176 18.8 13.9 20.9

179 16.4 13.0 19.6





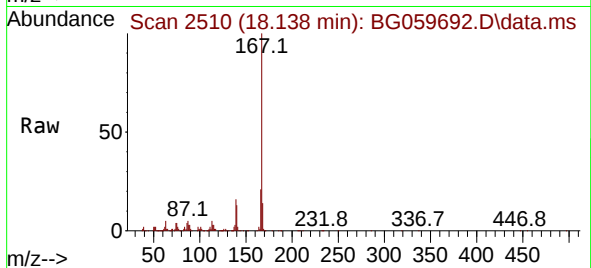
#73
 Carbazole
 Concen: 41.799 ng
 RT: 18.138 min Scan# 2510
 Delta R.T. 0.002 min
 Lab File: BG059692.D
 Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

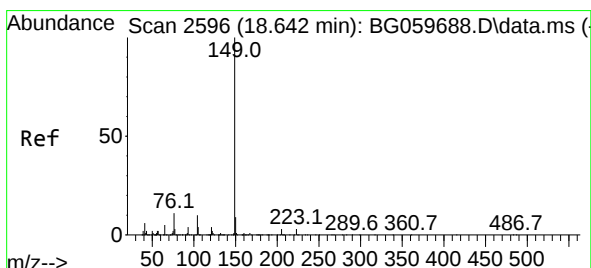
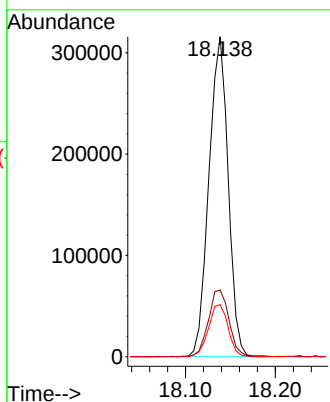
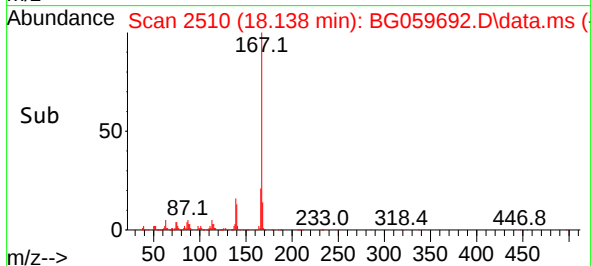


Tgt Ion:167 Resp: 46973
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.0 25.6
 139 16.3 12.2 18.2

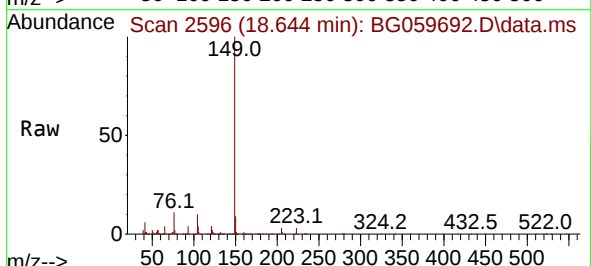
Manual Integrations

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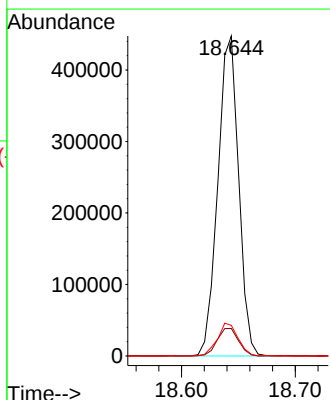
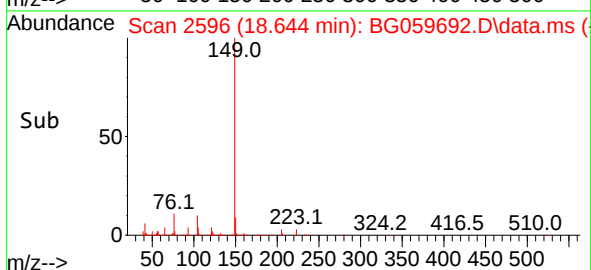
Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

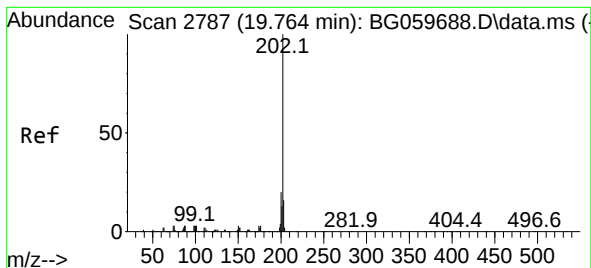


#74
 Di-n-butylphthalate
 Concen: 43.600 ng
 RT: 18.644 min Scan# 2596
 Delta R.T. 0.002 min
 Lab File: BG059692.D
 Acq: 14 Nov 2023 22:05



Tgt Ion:149 Resp: 568785
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 9.6 8.2 12.2





#75

Fluoranthene

Concen: 41.230 ng

RT: 19.760 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

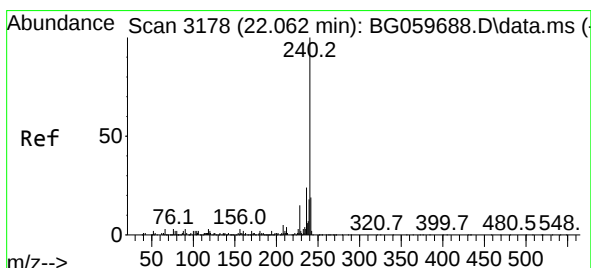
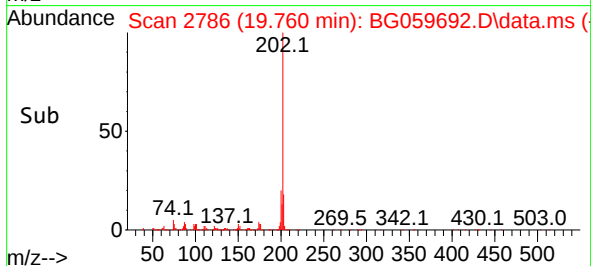
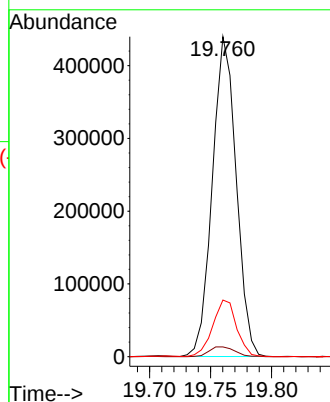
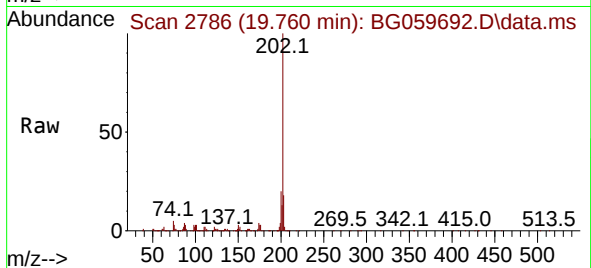
Tgt Ion:	202	Resp:	598990
Ion Ratio	Lower	Upper	
202	100		
101	3.1	0.0	22.6
203	17.7	0.0	35.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#76

Chrysene-d12

Concen: 20.000 ng

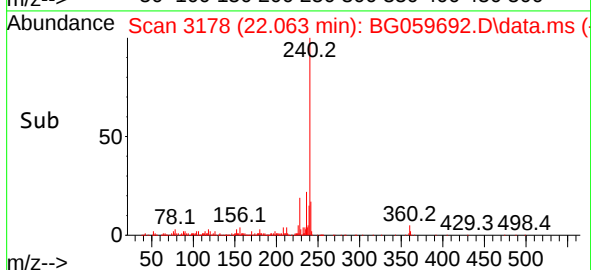
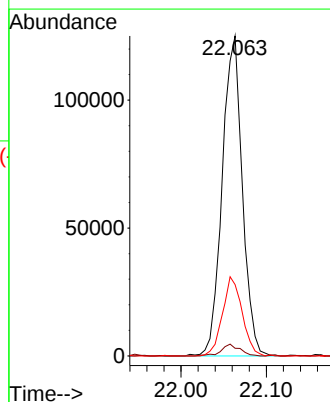
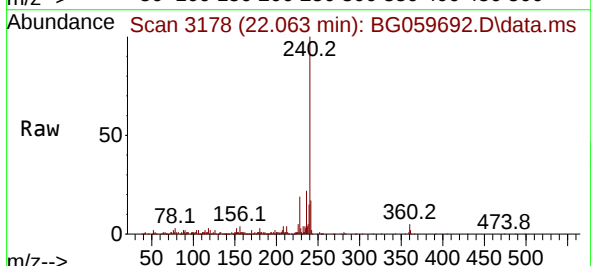
RT: 22.063 min Scan# 3178

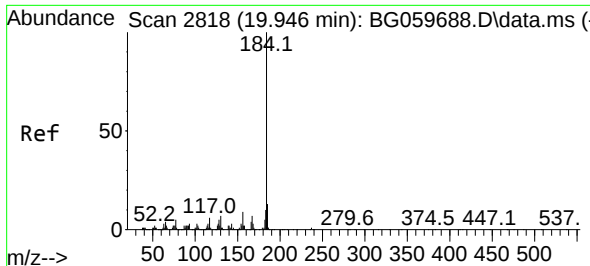
Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

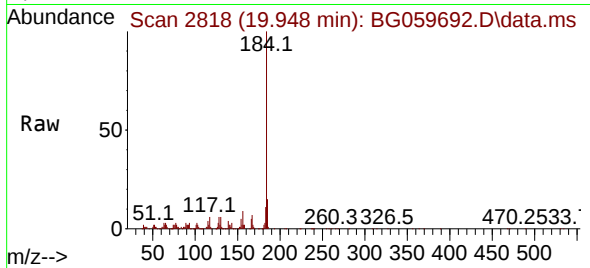
Tgt Ion:	240	Resp:	205114
Ion Ratio	Lower	Upper	
240	100		
120	2.4	2.6	3.8#
236	22.3	19.4	29.0





#77
Benzidine
Concen: 56.654 ng
RT: 19.948 min Scan# 2818
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

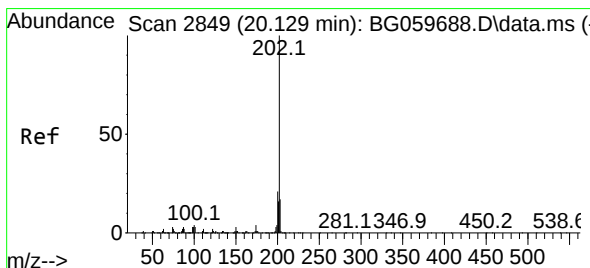
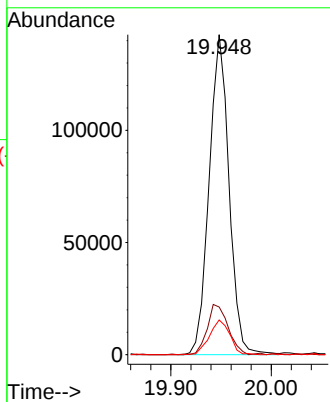
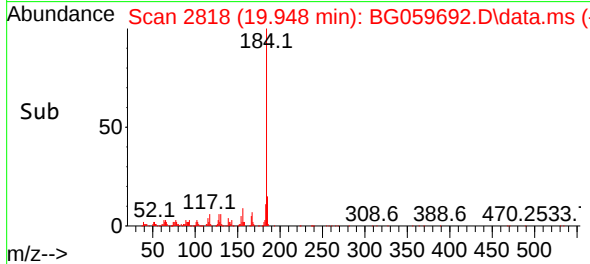
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



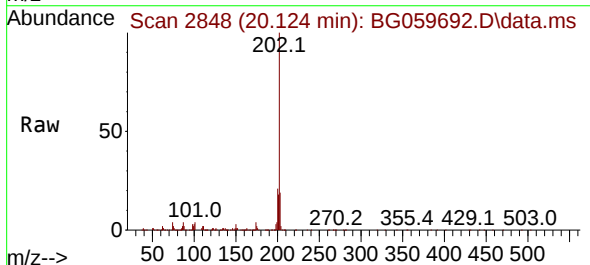
Tgt Ion:184 Resp: 196354
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 10.8 7.8 11.6

Manual Integrations
APPROVED

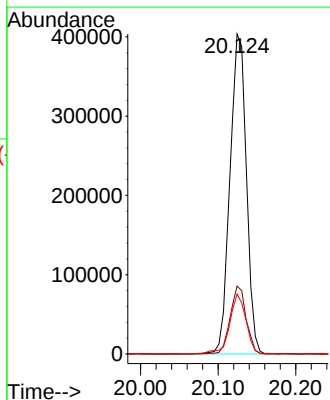
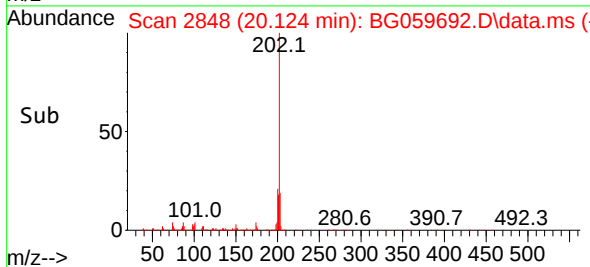
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

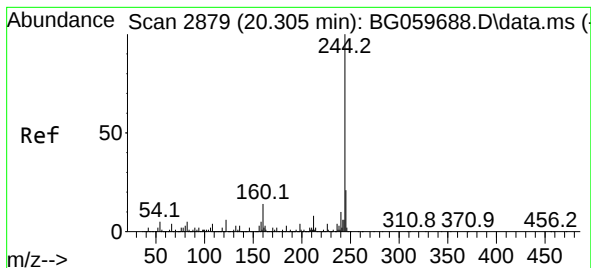


#78
Pyrene
Concen: 49.354 ng
RT: 20.124 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:202 Resp: 595229
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.7 13.5 20.3





#79

Terphenyl-d14

Concen: 115.869 ng

RT: 20.301 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

Tgt Ion:244 Resp: 115191

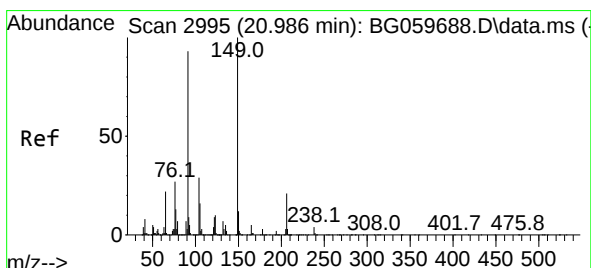
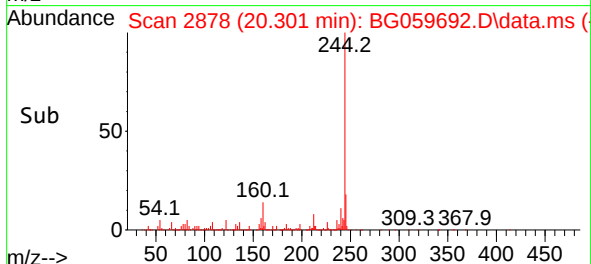
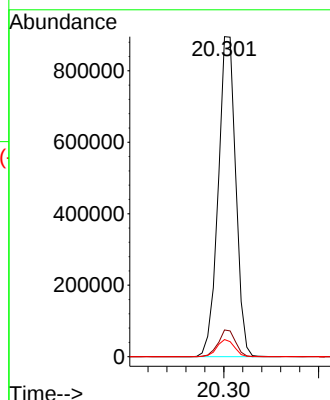
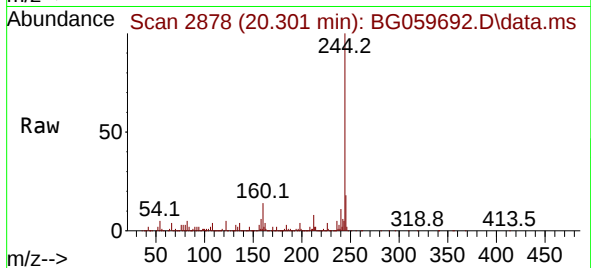
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	5.3	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#80

Butylbenzylphthalate

Concen: 45.386 ng

RT: 20.988 min Scan# 2995

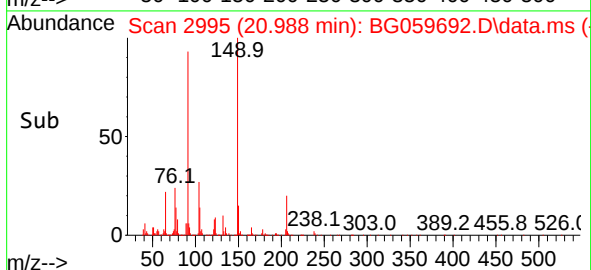
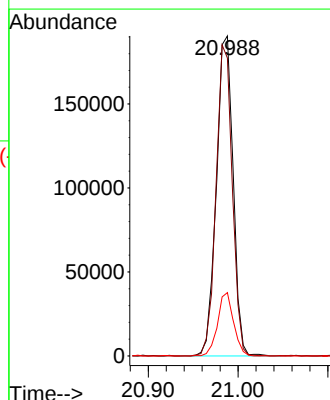
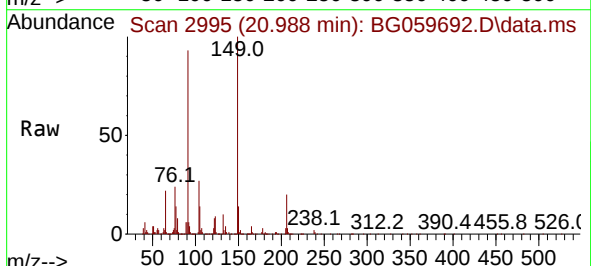
Delta R.T. 0.002 min

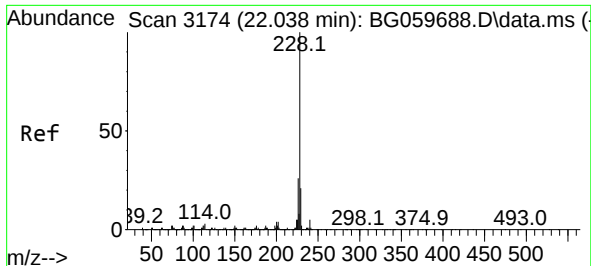
Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:149 Resp: 246550

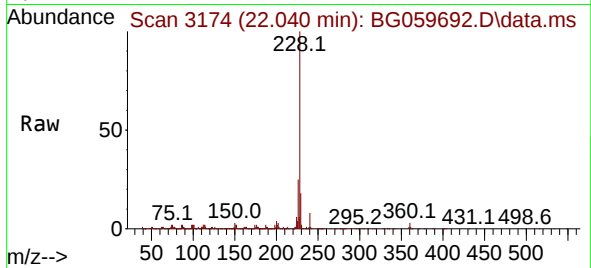
Ion	Ratio	Lower	Upper
149	100		
91	93.1	74.4	111.6
206	19.8	16.5	24.7





#81
Benzo(a)anthracene
Concen: 40.783 ng
RT: 22.040 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

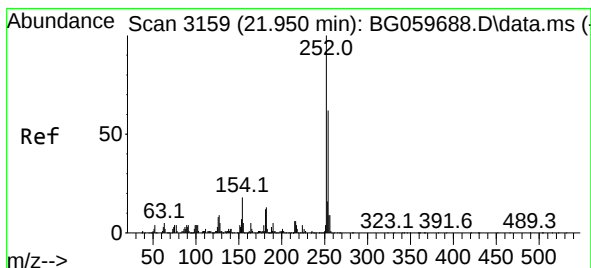
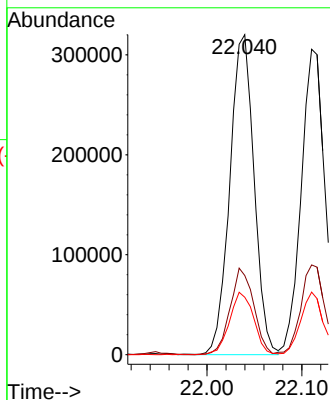
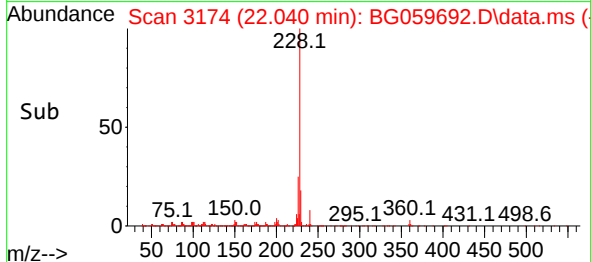
Instrument :
BNA_G
ClientSampleId :
ICVBG111423



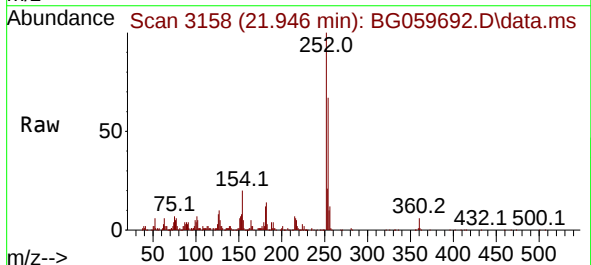
Tgt Ion:228 Resp: 570415
Ion Ratio Lower Upper
228 100
226 24.8 20.4 30.6
229 18.0 16.6 24.8

Manual Integrations
APPROVED

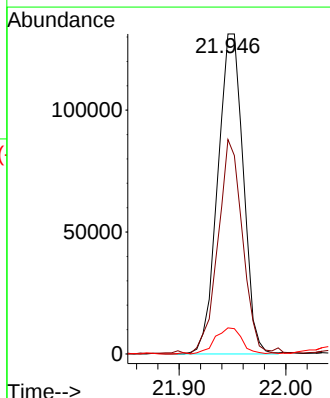
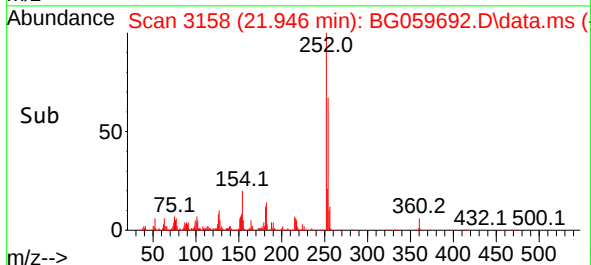
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

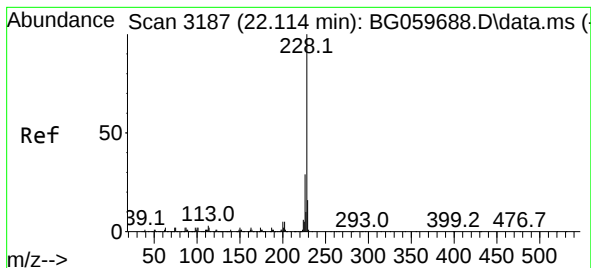


#82
3,3'-Dichlorobenzidine
Concen: 42.625 ng
RT: 21.946 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05



Tgt Ion:252 Resp: 218291
Ion Ratio Lower Upper
252 100
254 67.0 49.8 74.8
126 8.1 6.6 9.8





#83

Chrysene

Concen: 39.717 ng m

RT: 22.110 min Scan# 3187

Delta R.T. -0.004 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

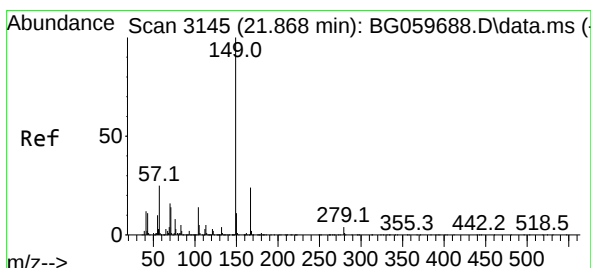
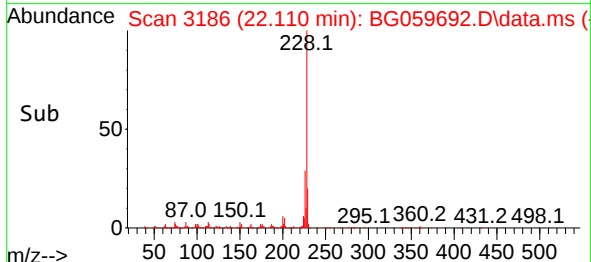
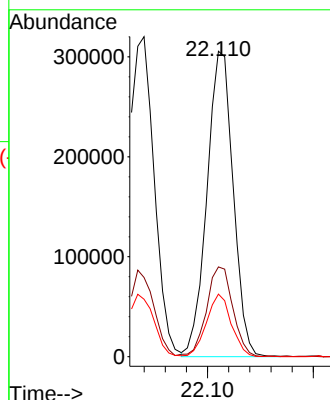
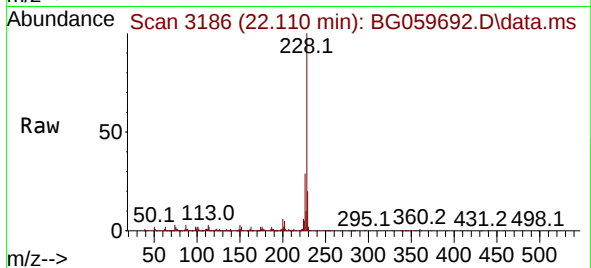
Tgt Ion:	228	Resp:	52770
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.3	34.9
229	20.5	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.242 ng

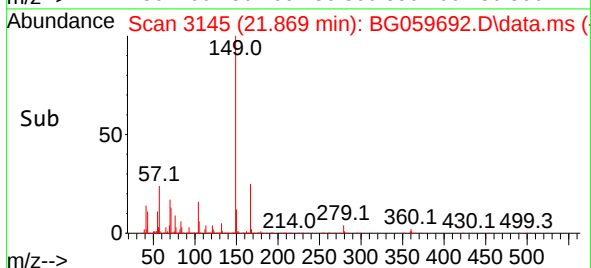
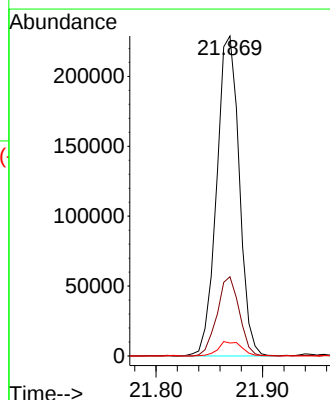
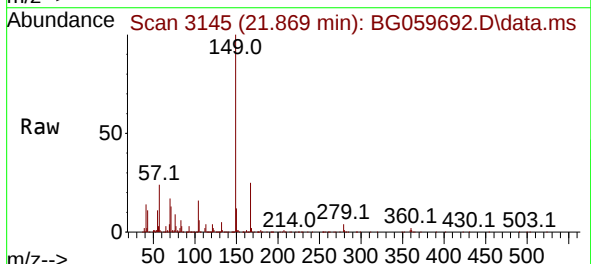
RT: 21.869 min Scan# 3145

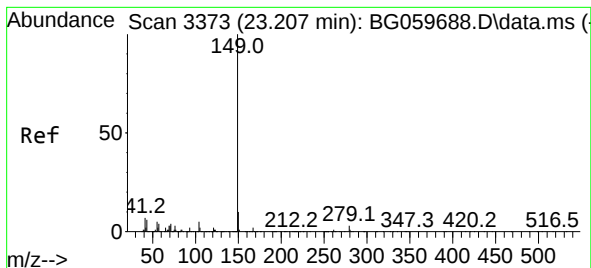
Delta R.T. 0.001 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:	149	Resp:	336310
Ion Ratio	Lower	Upper	
149	100		
167	24.8	19.2	28.8
279	4.0	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 62.045 ng

RT: 23.209 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

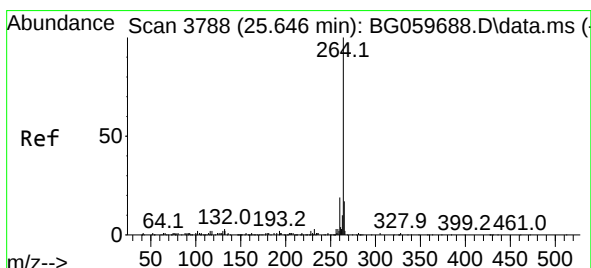
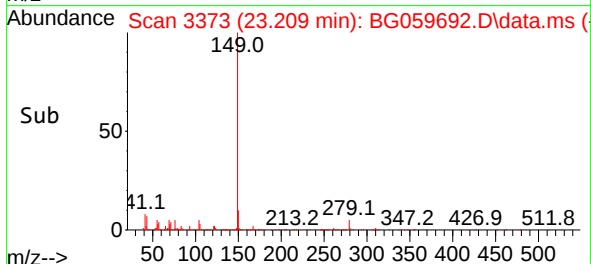
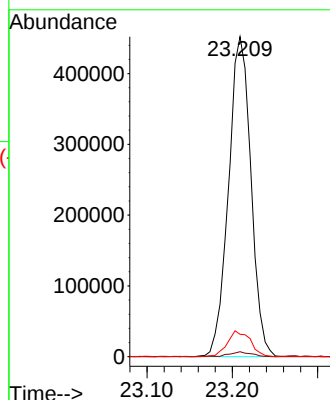
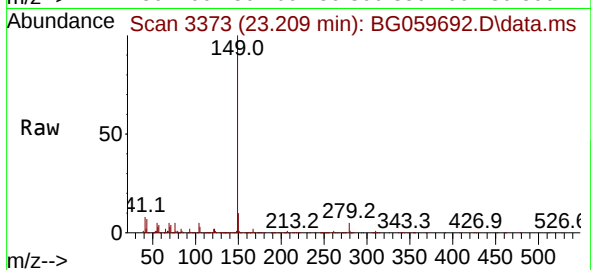
Tgt Ion:149	Resp: 827314
Ion Ratio	Lower Upper
149 100	
167 1.5	1.2 1.8
43 8.3	6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#86

Perylene-d12

Concen: 20.000 ng

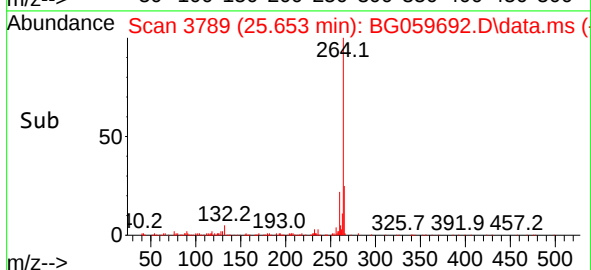
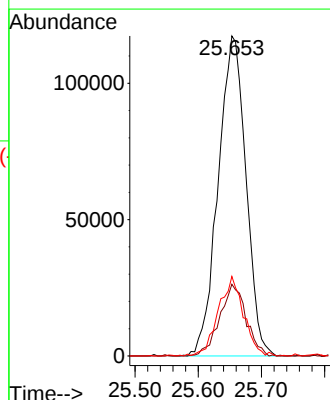
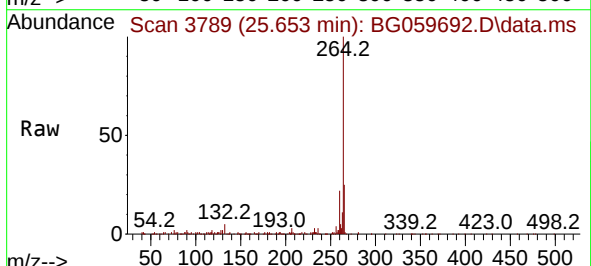
RT: 25.653 min Scan# 3789

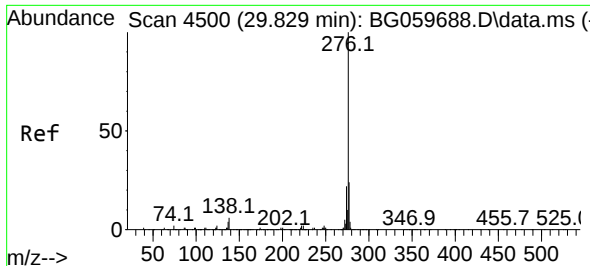
Delta R.T. 0.008 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:264	Resp: 358352		
Ion Ratio	Lower	Upper	
264	100		
260	22.4	15.6	23.4
265	24.9	13.4	20.2#





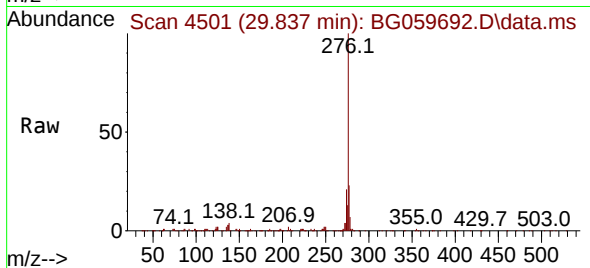
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.195 ng
RT: 29.837 min Scan# 4501
Delta R.T. 0.008 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423



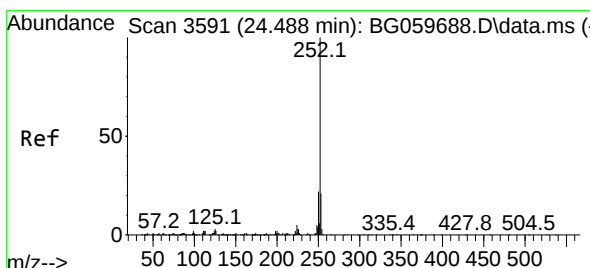
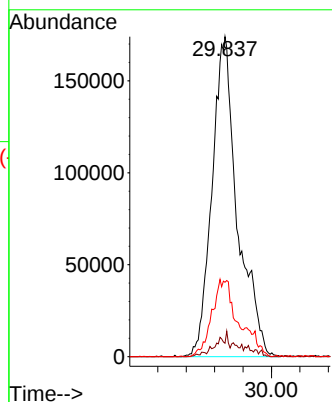
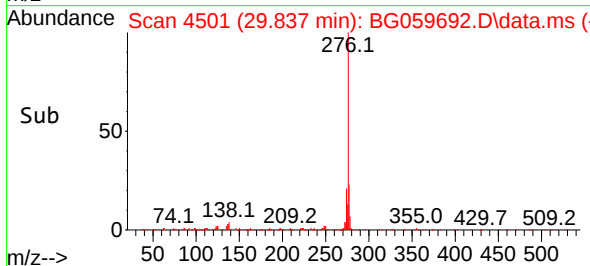
Tgt Ion:276 Resp: 1082574
Ion Ratio Lower Upper
276 100
138 1.8 0.9 1.3
277 10.1 18.8 28.2

Manual Integrations

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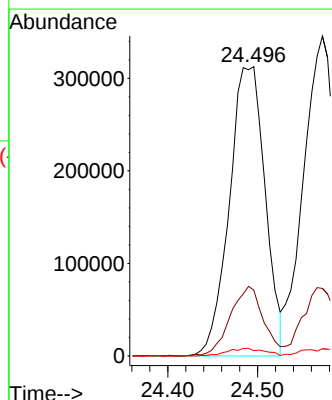
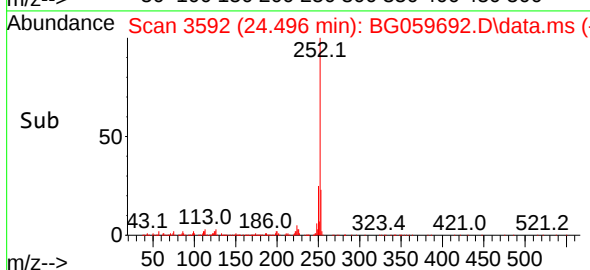
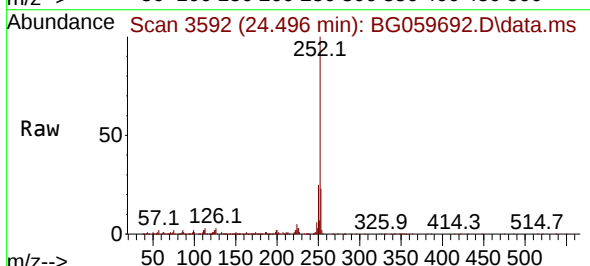
Reviewed By :Yogesh Patel 11/16/2023

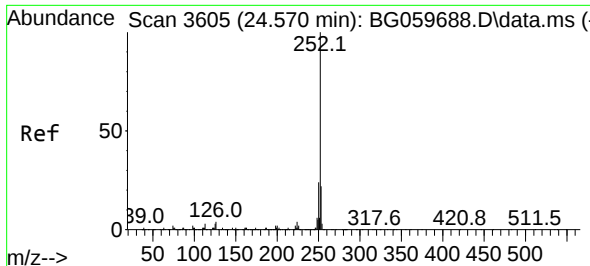
Supervised By :mohammad ahmed 11/17/2023



#88
Benzo(b)fluoranthene
Concen: 39.816 ng
RT: 24.496 min Scan# 3592
Delta R.T. 0.008 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:252 Resp: 865897
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 1.8 2.6 3.8





#89
Benzo(k)fluoranthene
Concen: 40.595 ng
RT: 24.572 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

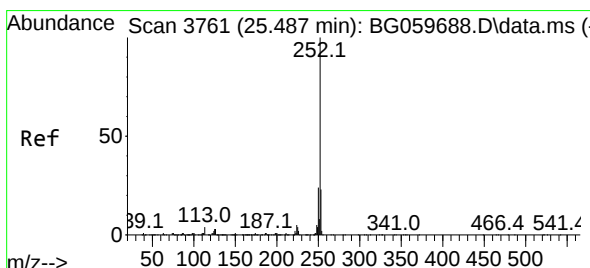
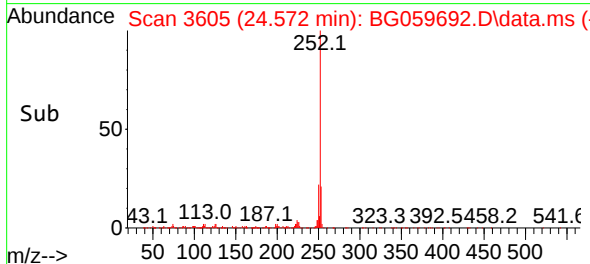
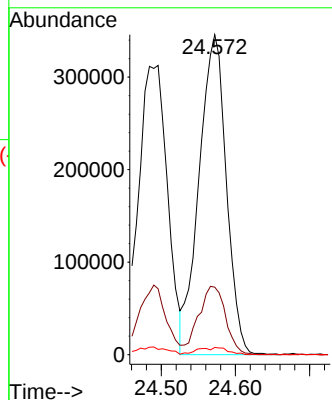
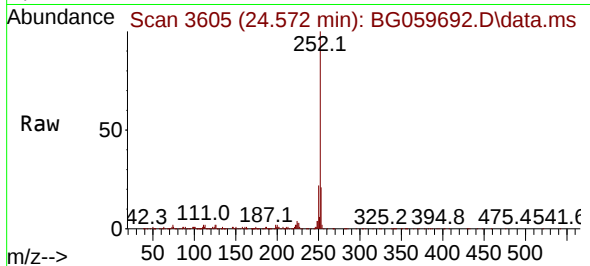
ClientSampleId :

ICVBG111423

Tgt Ion:252 Resp: 88430
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 2.3 2.2 3.4

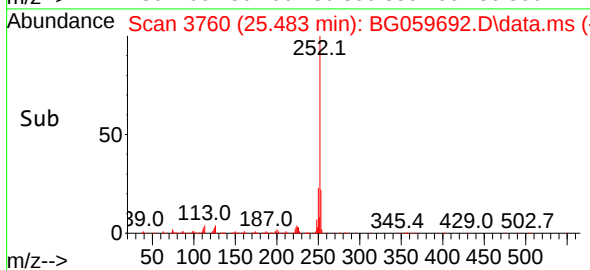
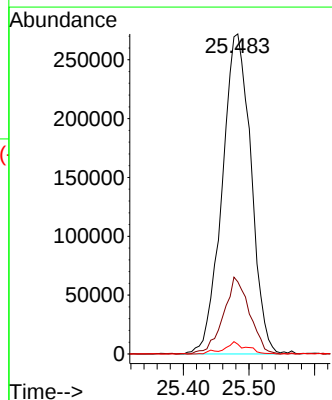
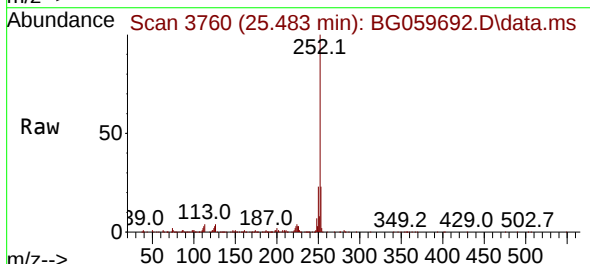
Manual Integrations
APPROVED

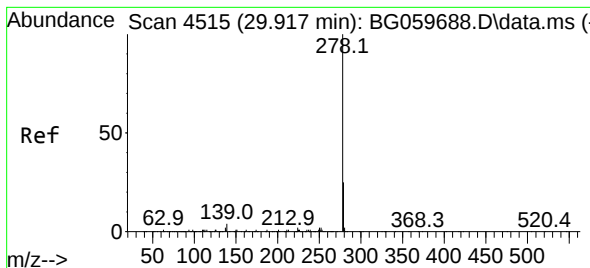
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#90
Benzo(a)pyrene
Concen: 39.527 ng
RT: 25.483 min Scan# 3760
Delta R.T. -0.004 min
Lab File: BG059692.D
Acq: 14 Nov 2023 22:05

Tgt Ion:252 Resp: 830998
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 3.0 2.4 3.6





#91

Dibenzo(a,h)anthracene

Concen: 41.710 ng

RT: 29.919 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Instrument :

BNA_G

ClientSampleId :

ICVBG111423

Tgt Ion:278 Resp: 901104

Ion Ratio Lower Upper

278 100

139 4.2 3.3 4.9

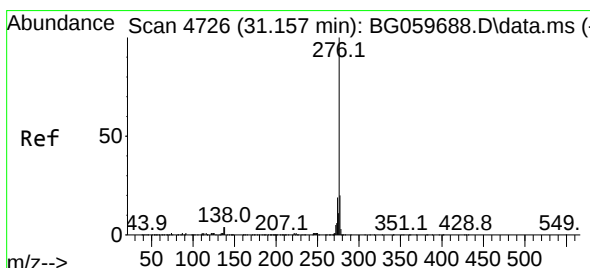
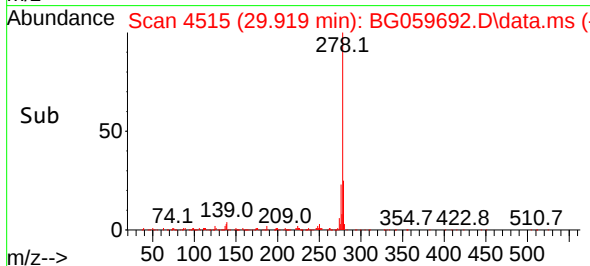
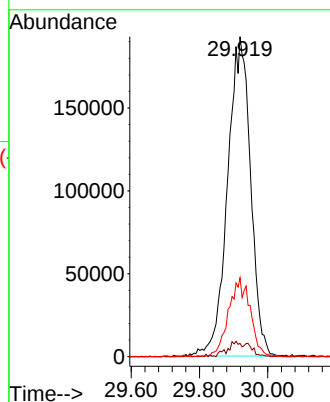
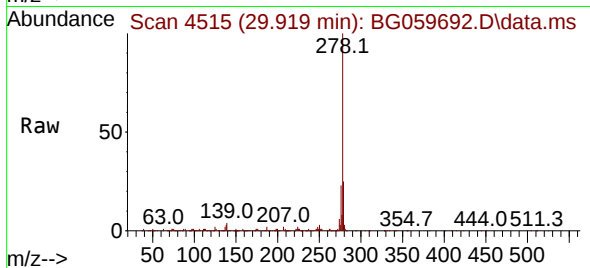
279 24.7 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#92

Benzo(g,h,i)perylene

Concen: 39.999 ng

RT: 31.164 min Scan# 4727

Delta R.T. 0.008 min

Lab File: BG059692.D

Acq: 14 Nov 2023 22:05

Tgt Ion:276 Resp: 829630

Ion Ratio Lower Upper

276 100

277 25.2 16.2 24.4#

138 5.1 3.4 5.0#

