

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059883.D
 Acq On : 25 Nov 2023 9:14
 Operator : MA/JU
 Sample : PB157208BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157208BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 03:17:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	24010	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	118230	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	95219	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	223054	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	182632	20.000	ng	0.00
86) Perylene-d12	25.585	264	185729	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	223012	156.335	ng	0.00
7) Phenol-d6	7.441	99	276378	130.741	ng	0.00
23) Nitrobenzene-d5	9.515	82	247130	79.831	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	167012	154.587	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	626501	88.564	ng	0.00
79) Terphenyl-d14	20.273	244	1067741	86.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.634	88	16014	23.901	ng	# 84
3) Pyridine	4.057	79	45683	24.964	ng	# 87
4) n-Nitrosodimethylamine	3.987	42	38403	39.447	ng	# 63
6) Aniline	7.641	93	80374	28.810	ng	90
8) 2-Chlorophenol	7.870	128	67209	43.429	ng	94
9) Benzaldehyde	7.459	77	13130	9.189	ng	91
10) Phenol	7.465	94	106928	49.079	ng	84
11) bis(2-Chloroethyl)ether	7.735	93	55619	41.009	ng	96
12) 1,3-Dichlorobenzene	8.199	146	76649m	44.590	ng	
13) 1,4-Dichlorobenzene	8.352	146	77858	45.104	ng	97
14) 1,2-Dichlorobenzene	8.669	146	88566	51.642	ng	92
15) Benzyl Alcohol	8.558	79	110098	45.672	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.816	45	20023m	40.127	ng	
17) 2-Methylphenol	8.746	107	72479	45.165	ng	96
18) Hexachloroethane	9.404	117	32332	44.129	ng	91
19) n-Nitroso-di-n-propyla...	9.122	70	72964	43.830	ng	# 94
20) 3+4-Methylphenols	9.075	107	102390	45.960	ng	92
22) Acetophenone	9.157	105	154974	46.299	ng	# 90
24) Nitrobenzene	9.562	77	112355	39.408	ng	96
25) Isophorone	10.068	82	195711	37.658	ng	97
26) 2-Nitrophenol	10.268	139	44022	42.115	ng	# 85
27) 2,4-Dimethylphenol	10.291	122	85664	40.307	ng	87
28) bis(2-Chloroethoxy)met...	10.550	93	79163	40.534	ng	95
29) 2,4-Dichlorophenol	10.802	162	84259	46.437	ng	98
30) 1,2,4-Trichlorobenzene	11.008	180	90265	49.223	ng	# 84
31) Naphthalene	11.213	128	268910	45.232	ng	# 94
32) Benzoic acid	10.409	122	62715m	43.361	ng	
33) 4-Chloroaniline	11.331	127	52855	20.902	ng	# 88
34) Hexachlorobutadiene	11.448	225	60077	48.136	ng	93
35) Caprolactam	12.130	113	28442m	42.889	ng	
36) 4-Chloro-3-methylphenol	12.412	107	133635	55.378	ng	# 95
37) 2-Methylnaphthalene	12.800	142	226303	45.196	ng	86
38) 1-Methylnaphthalene	13.011	142	228694	49.527	ng	90
40) 1,2,4,5-Tetrachloroben...	13.141	216	116822	45.429	ng	96
41) Hexachlorocyclopentadiene	13.094	237	142786	88.518	ng	95
43) 2,4,6-Trichlorophenol	13.387	196	91013	50.896	ng	96

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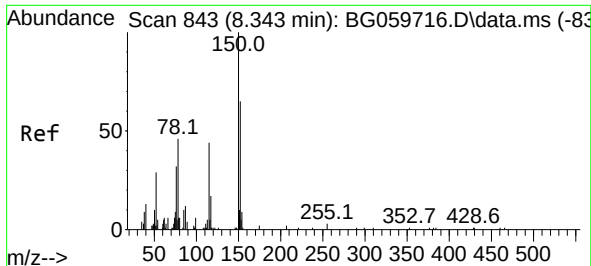
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	91708	43.646	ng	# 90
46) 1,1'-Biphenyl	13.787	154	352133	47.115	ng	98
47) 2-Chloronaphthalene	13.840	162	247811	48.255	ng	94
48) 2-Nitroaniline	14.057	65	87124	47.517	ng	88
49) Acenaphthylene	14.686	152	420667	48.041	ng	# 95
50) Dimethylphthalate	14.392	163	344450	46.680	ng	98
51) 2,6-Dinitrotoluene	14.539	165	64772	46.271	ng	97
52) Acenaphthene	15.015	154	244662	46.459	ng	99
53) 3-Nitroaniline	14.880	138	46527	28.396	ng	98
54) 2,4-Dinitrophenol	15.074	184	81528	78.376	ng	# 74
55) Dibenzofuran	15.344	168	399026	45.957	ng	96
56) 4-Nitrophenol	15.156	139	106821	85.212	ng	89
57) 2,4-Dinitrotoluene	15.315	165	98805	45.897	ng	99
58) Fluorene	15.996	166	351423	48.717	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.555	232	85938	46.528	ng	96
60) Diethylphthalate	15.732	149	371863	46.989	ng	99
61) 4-Chlorophenyl-phenyle...	15.973	204	177405	47.781	ng	94
62) 4-Nitroaniline	16.043	138	61533	37.471	ng	93
63) Azobenzene	16.272	77	372721	42.381	ng	95
65) 4,6-Dinitro-2-methylph...	16.067	198	56092	41.149	ng	90
66) n-Nitrosodiphenylamine	16.196	169	302421	46.413	ng	98
67) 4-Bromophenyl-phenylether	16.872	248	118255	49.350	ng	94
68) Hexachlorobenzene	16.966	284	117856	52.696	ng	# 95
69) Atrazine	17.124	200	123514	59.124	ng	95
70) Pentachlorophenol	17.324	266	147351	86.358	ng	93
71) Phenanthrene	17.747	178	532613	46.965	ng	96
72) Anthracene	17.835	178	534118	45.329	ng	96
73) Carbazole	18.111	167	452836	43.991	ng	98
74) Di-n-butylphthalate	18.611	149	565066	45.413	ng	98
75) Fluoranthene	19.733	202	557694	41.007	ng	98
77) Benzidine	19.921	184	211337	51.031	ng	96
78) Pyrene	20.097	202	566500	45.589	ng	99
80) Butylbenzylphthalate	20.949	149	224307	44.022	ng	92
81) Benzo(a)anthracene	22.001	228	549944	44.009	ng	97
82) 3,3'-Dichlorobenzidine	21.913	252	149646	32.144	ng	# 95
83) Chrysene	22.077	228	452178m	39.474	ng	
84) Bis(2-ethylhexyl)phtha...	21.825	149	302520	42.472	ng	# 95
85) Di-n-octyl phthalate	23.147	149	497857	36.307	ng	97
87) Indeno(1,2,3-cd)pyrene	29.727	276	657039	46.753	ng	# 93
88) Benzo(b)fluoranthene	24.439	252	533097	52.369	ng	# 99
89) Benzo(k)fluoranthene	24.516	252	524469m	52.114	ng	
90) Benzo(a)pyrene	25.420	252	485817	44.717	ng	# 94
91) Dibenzo(a,h)anthracene	29.809	278	558351	46.960	ng	# 98
92) Benzo(g,h,i)perylene	31.049	276	497932	44.136	ng	98

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 84
Delta R.T. 0.008 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

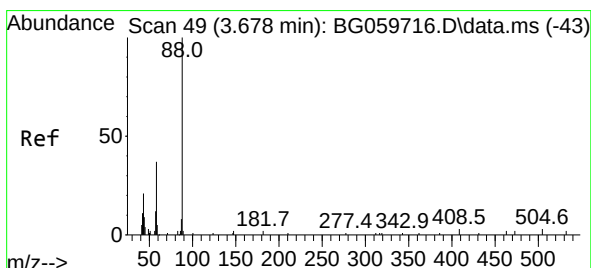
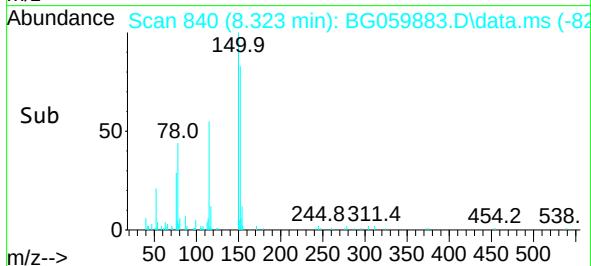
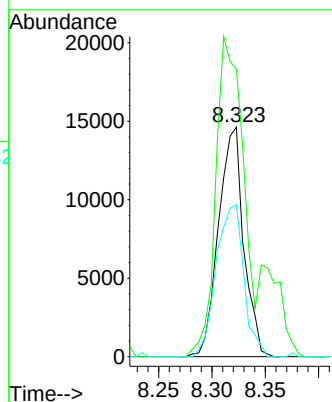
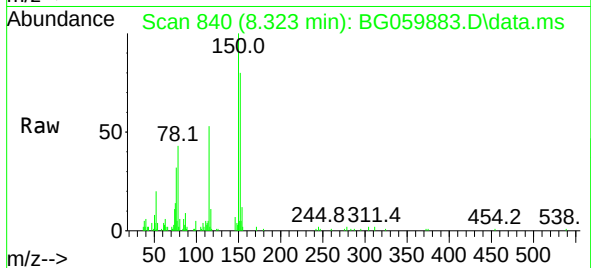
PB157208BS

Tgt Ion:152 Resp: 24010
Ion Ratio Lower Upper
152 100
150 125.3 122.2 183.4
115 66.2 54.2 81.4

Manual Integrations

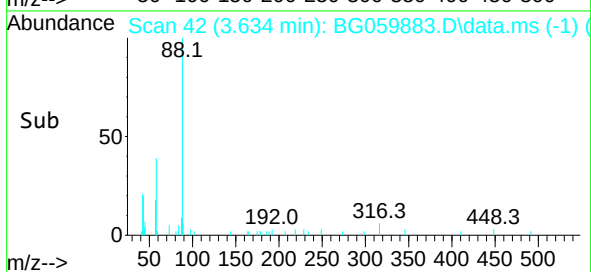
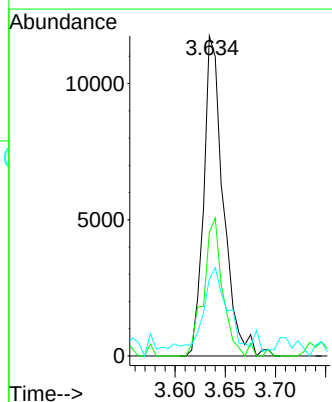
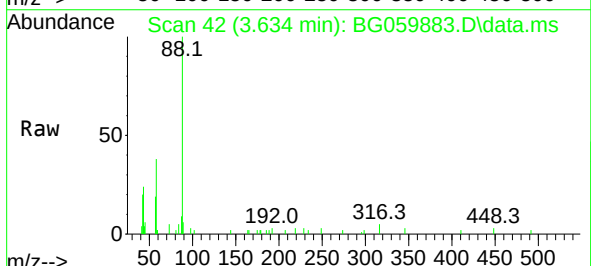
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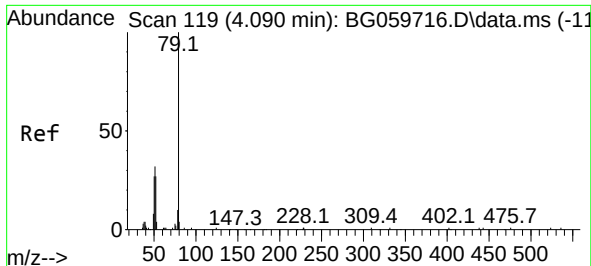
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 23.901 ng
RT: 3.634 min Scan# 42
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion: 88 Resp: 16014
Ion Ratio Lower Upper
88 100
58 41.0 28.6 42.8
43 34.7 17.5 26.3





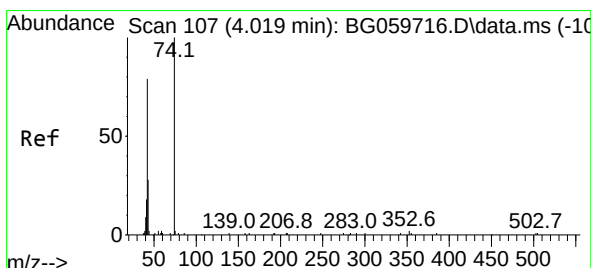
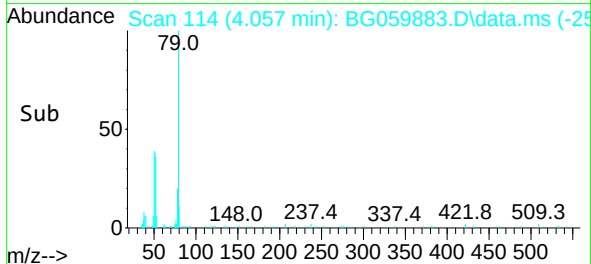
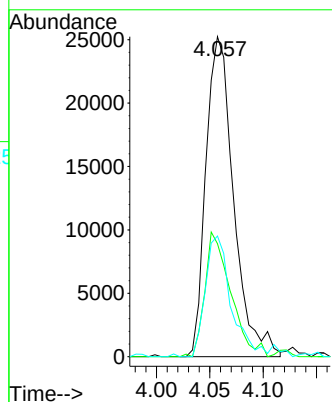
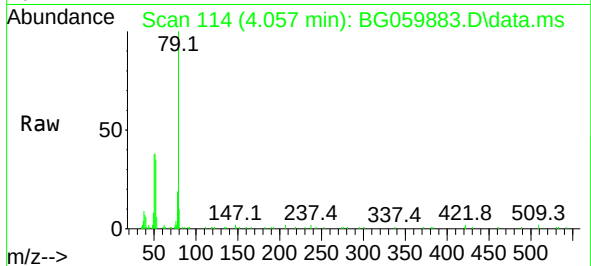
#3
Pyridine
Concen: 24.964 ng
RT: 4.057 min Scan# 119
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion: 79 Resp: 4568
Ion Ratio Lower Upper
79 100
52 35.3 21.6 32.4
51 37.7 25.3 37.9

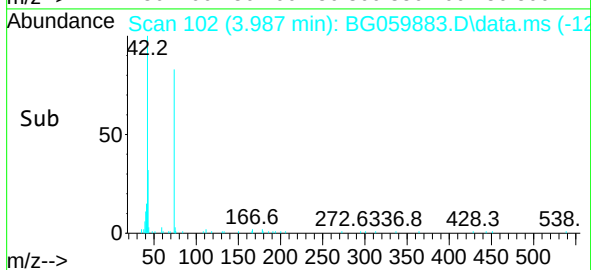
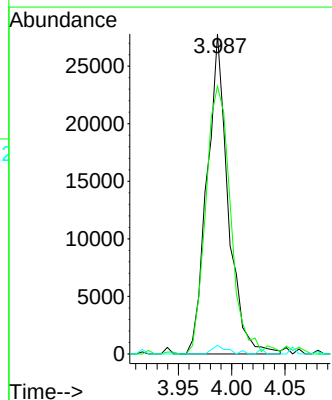
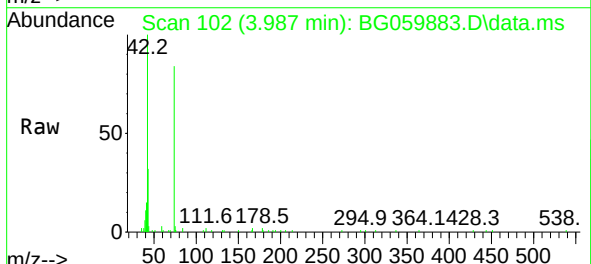
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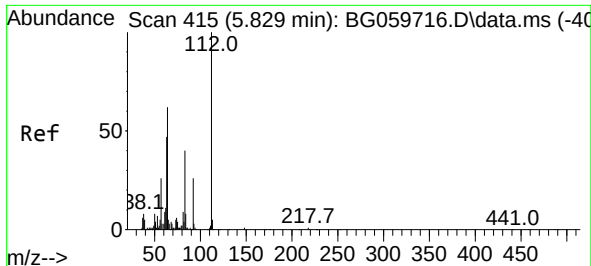
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#4
n-Nitrosodimethylamine
Concen: 39.447 ng
RT: 3.987 min Scan# 102
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

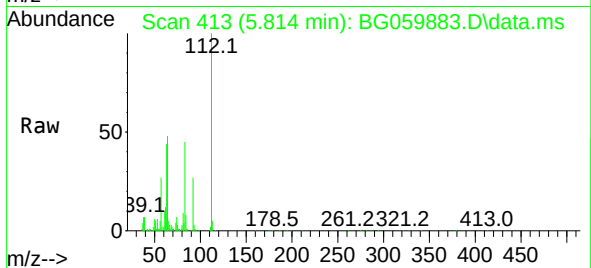
Tgt Ion: 42 Resp: 38403
Ion Ratio Lower Upper
42 100
74 83.7 101.2 151.8
44 2.7 2.4 3.6





#5
2-Fluorophenol
Concen: 156.335 ng
RT: 5.814 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

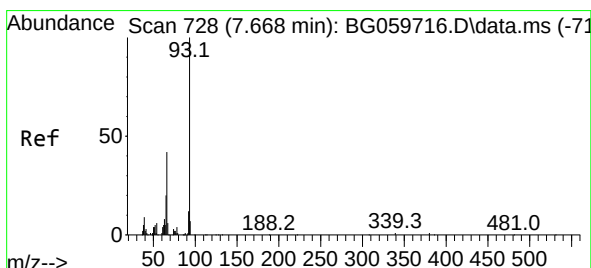
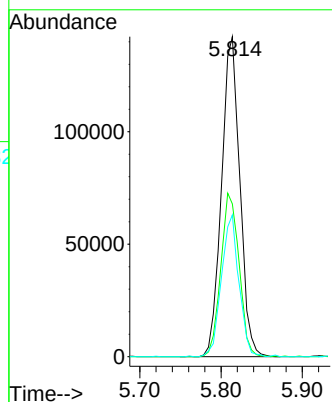
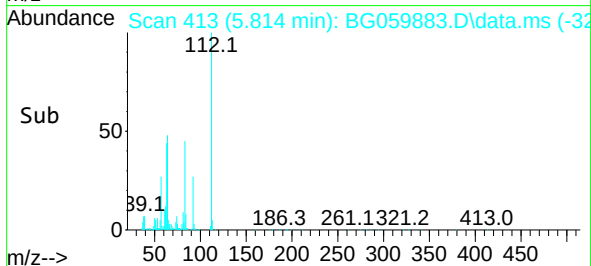
Instrument :
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Tgt Ion: 112 Resp: 223012
Ion Ratio Lower Upper
112 100
64 47.8 49.5 74.3
63 44.3 37.4 56.2

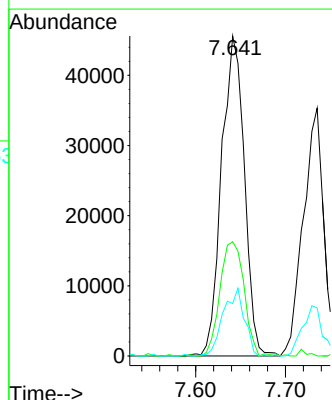
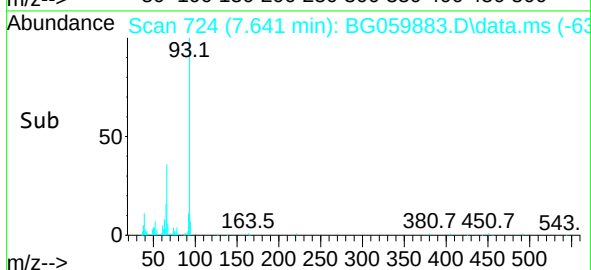
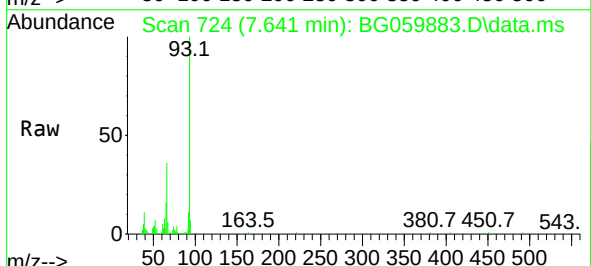
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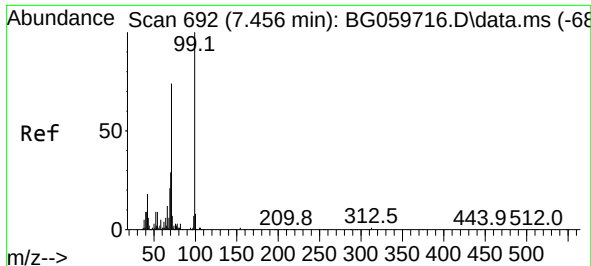
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 28.810 ng
RT: 7.641 min Scan# 724
Delta R.T. -0.004 min
Lab File: BG059883.D
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Tgt Ion: 93 Resp: 80374
Ion Ratio Lower Upper
93 100
66 35.7 33.9 50.9
65 16.4 15.8 23.8





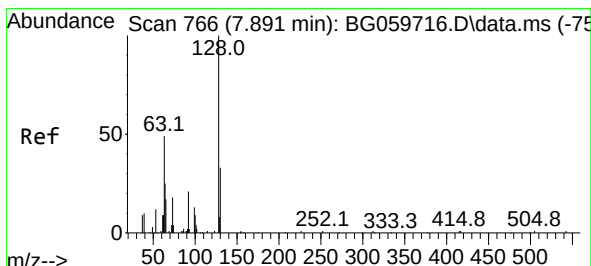
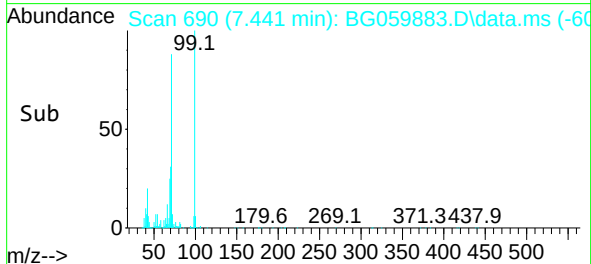
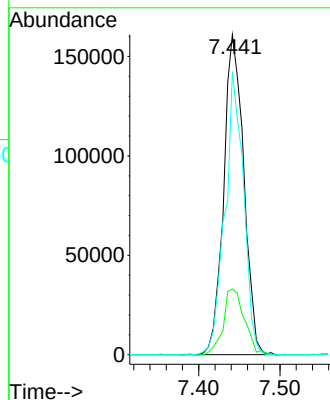
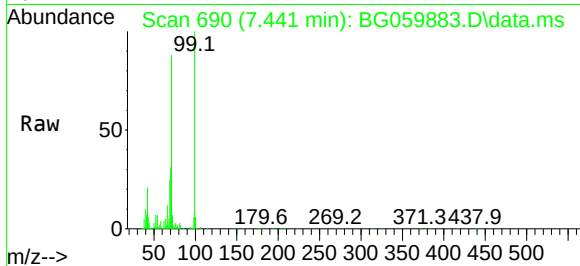
#7
Phenol-d6
Concen: 130.741 ng
RT: 7.441 min Scan# 692
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion: 99 Resp: 276378
Ion Ratio Lower Upper
99 100
42 20.5 14.3 21.5
71 88.5 59.3 88.9

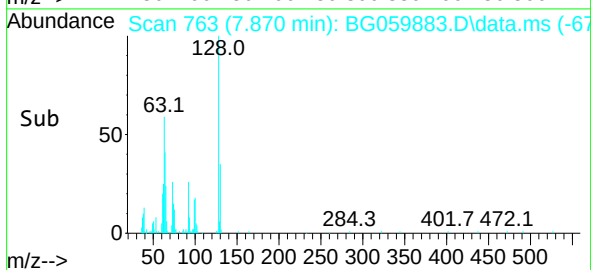
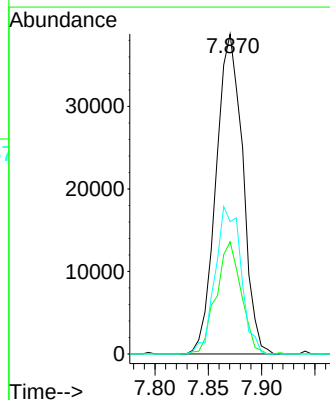
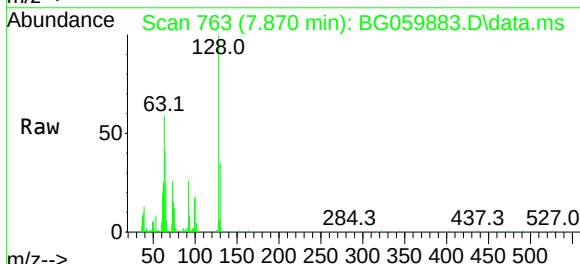
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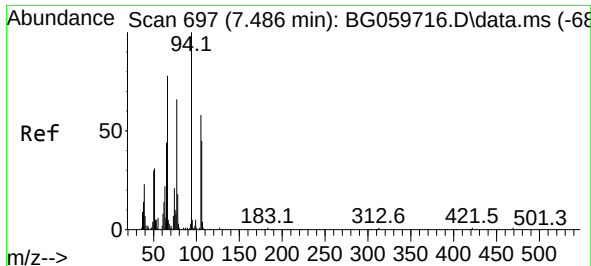
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#8
2-Chlorophenol
Concen: 43.429 ng
RT: 7.870 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:128 Resp: 67209
Ion Ratio Lower Upper
128 100
130 35.1 13.1 53.1
64 41.4 27.0 67.0





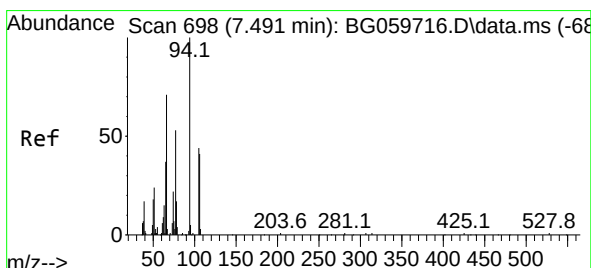
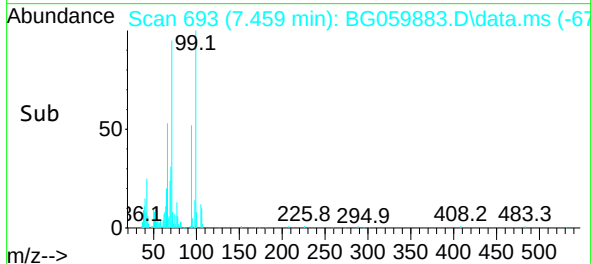
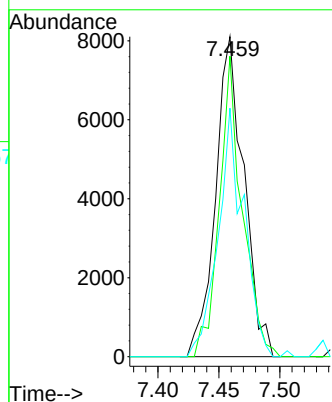
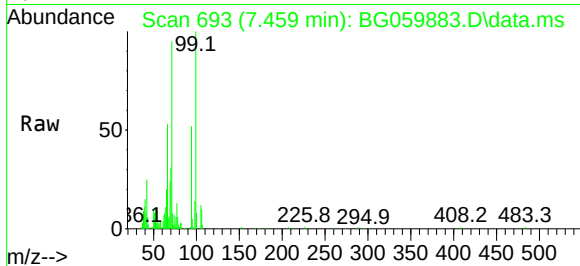
#9
Benzaldehyde
Concen: 9.189 ng
RT: 7.459 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion: 77 Resp: 13130
Ion Ratio Lower Upper
77 100
105 93.9 68.0 108.0
106 77.6 48.1 88.1

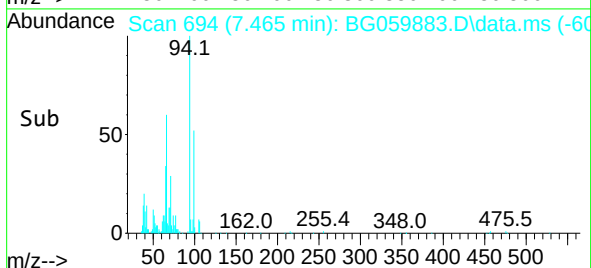
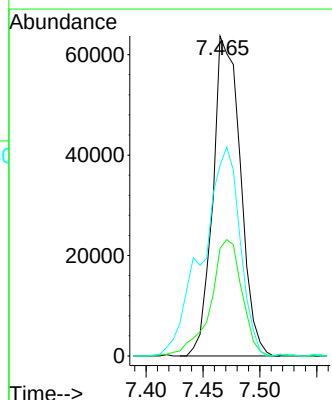
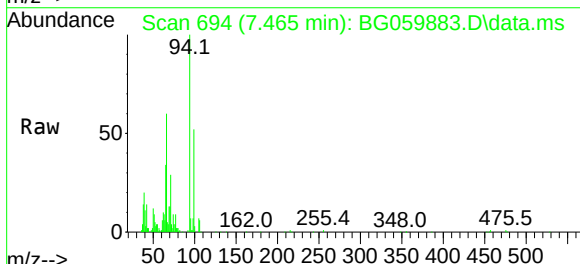
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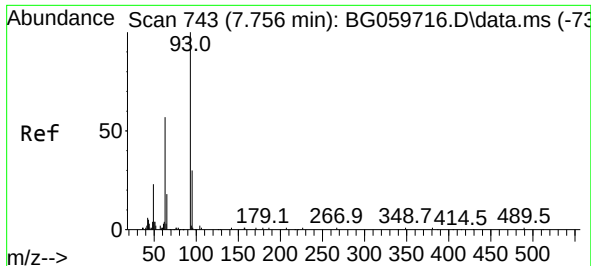
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 49.079 ng
RT: 7.465 min Scan# 694
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion: 94 Resp: 106928
Ion Ratio Lower Upper
94 100
65 33.7 18.1 58.1
66 59.5 56.6 96.6





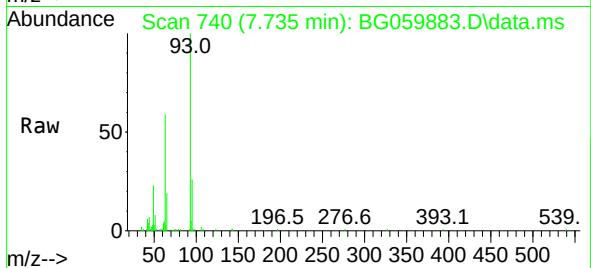
#11
bis(2-Chloroethyl)ether
Concen: 41.009 ng
RT: 7.735 min Scan# 743
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

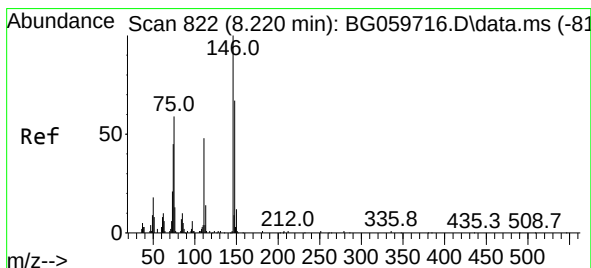
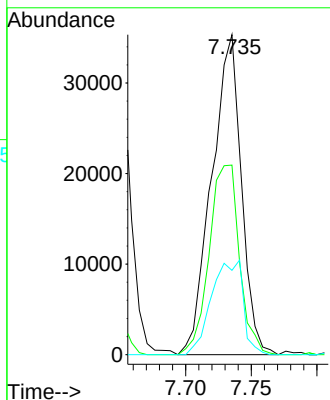
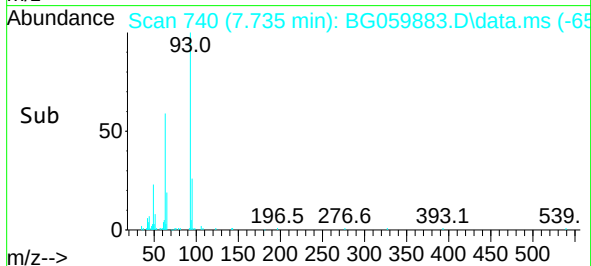
PB157208BS



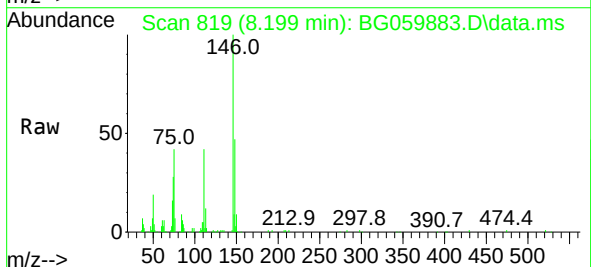
Tgt Ion: 93 Resp: 55619
Ion Ratio Lower Upper
93 100
63 59.3 37.2 77.2
95 26.4 10.2 50.2

Manual Integrations
APPROVED

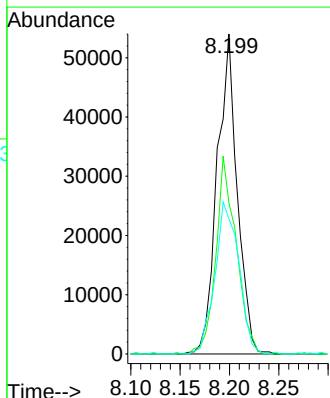
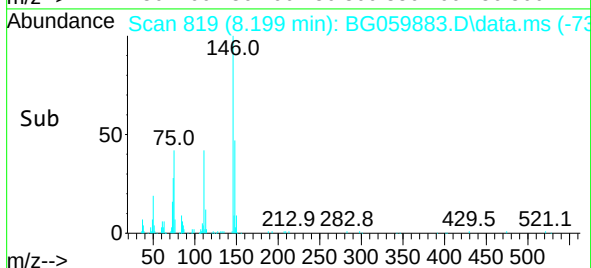
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

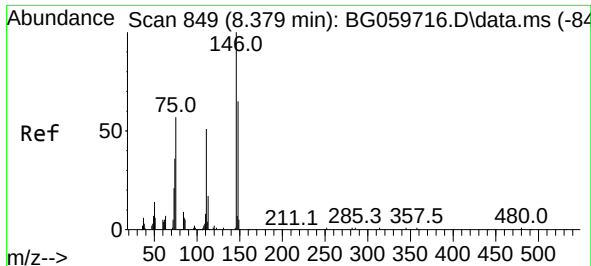


#12
1,3-Dichlorobenzene
Concen: 44.590 ng m
RT: 8.199 min Scan# 819
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:146 Resp: 76649
Ion Ratio Lower Upper
146 100
148 47.2 53.9 80.9#
75 42.2 47.5 71.3#





#13

1,4-Dichlorobenzene

Concen: 45.104 ng

RT: 8.352 min Scan# 84

Delta R.T. -0.010 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

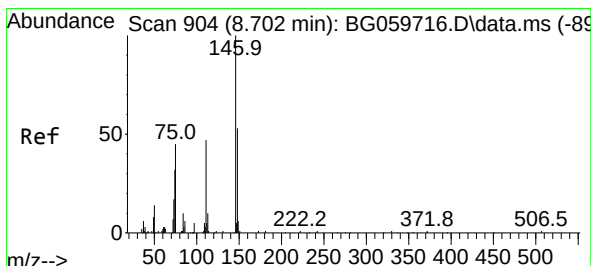
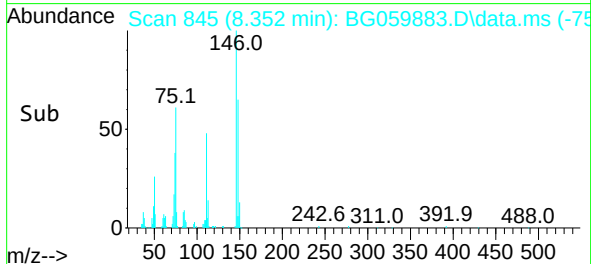
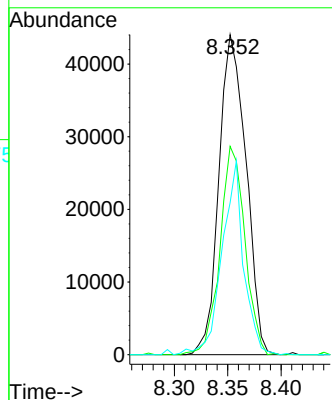
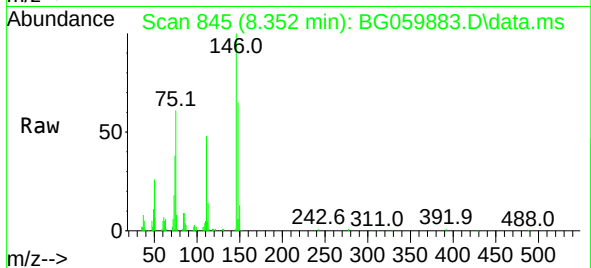
Tgt Ion:146 Resp: 77858
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 47.5 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#14

1,2-Dichlorobenzene

Concen: 51.642 ng

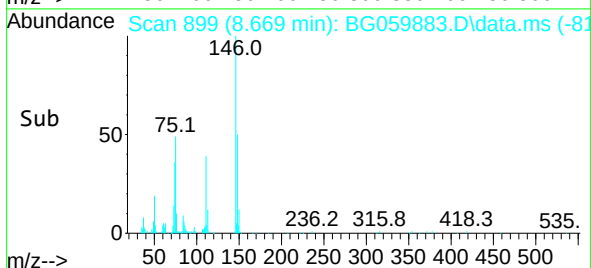
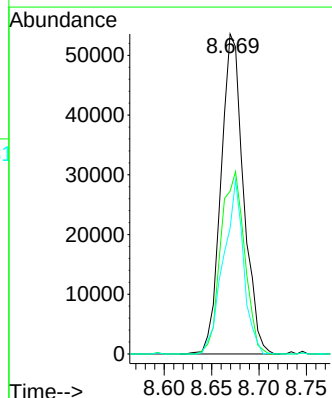
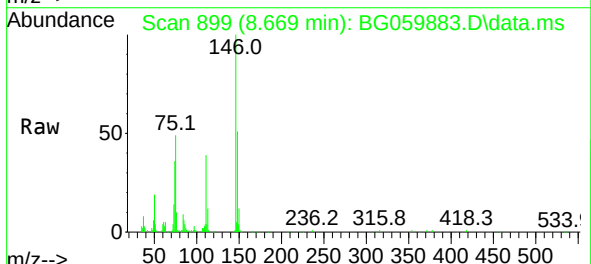
RT: 8.669 min Scan# 899

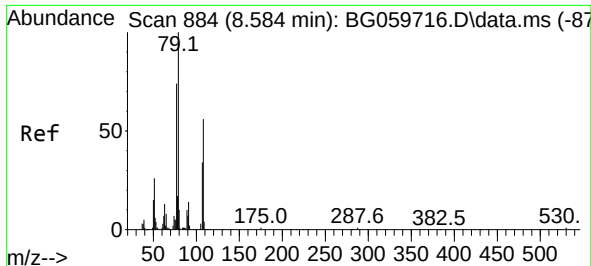
Delta R.T. -0.009 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

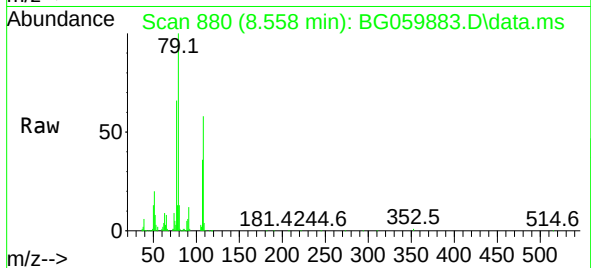
Tgt Ion:146 Resp: 88566
 Ion Ratio Lower Upper
 146 100
 148 50.9 43.1 64.7
 111 39.4 38.3 57.5





#15
Benzyl Alcohol
Concen: 45.672 ng
RT: 8.558 min Scan# 810
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

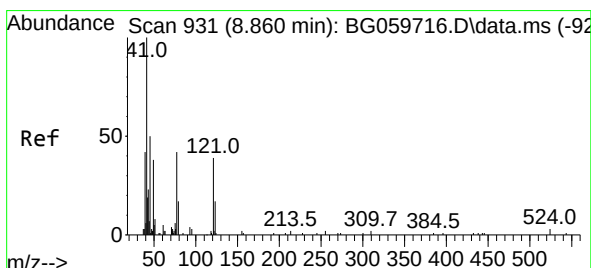
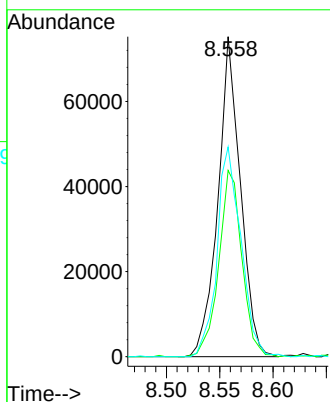
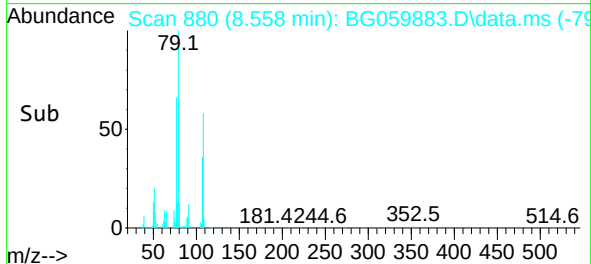
Instrument :
BNA_G
ClientSampleId :
PB157208BS



Tgt Ion: 79 Resp: 110098
Ion Ratio Lower Upper
79 100
108 58.2 45.4 68.2
77 65.5 59.4 89.2

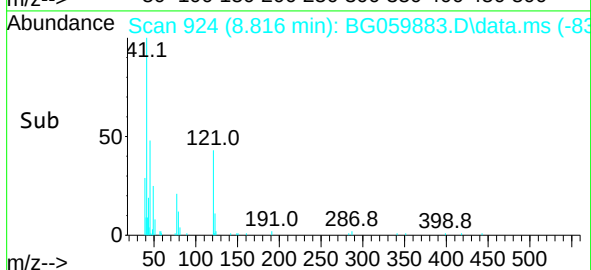
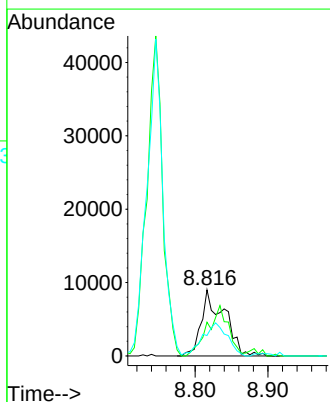
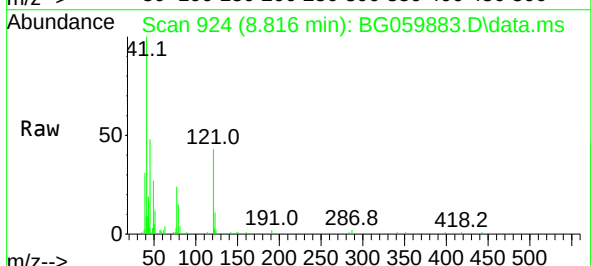
Manual Integrations
APPROVED

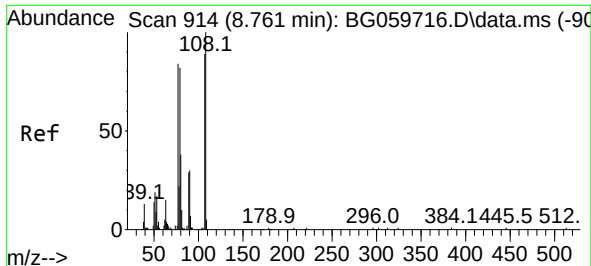
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.127 ng m
RT: 8.816 min Scan# 924
Delta R.T. -0.027 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion: 45 Resp: 20023
Ion Ratio Lower Upper
45 100
77 51.1 63.6 103.6#
79 31.0 19.6 59.6





#17
2-Methylphenol
Concen: 45.165 ng
RT: 8.746 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

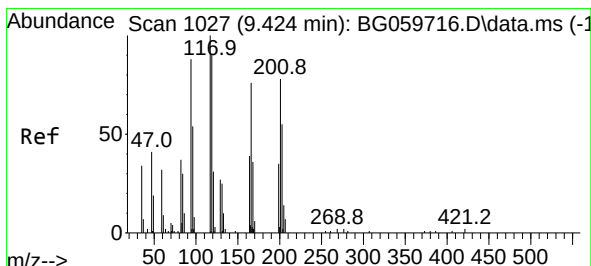
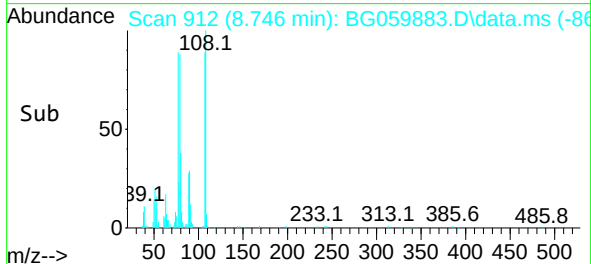
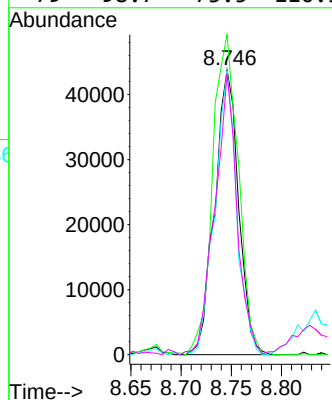
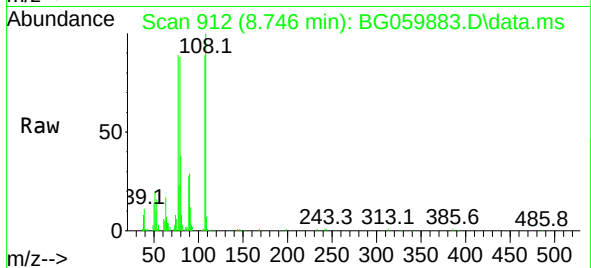
PB157208BS

Tgt Ion:107 Resp: 72479
Ion Ratio Lower Upper
107 100
108 112.4 90.0 135.0
77 99.6 76.5 114.7
79 98.7 73.5 110.3

Manual Integrations

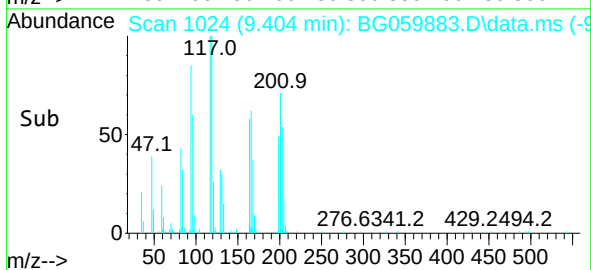
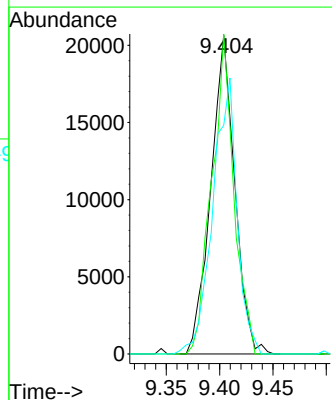
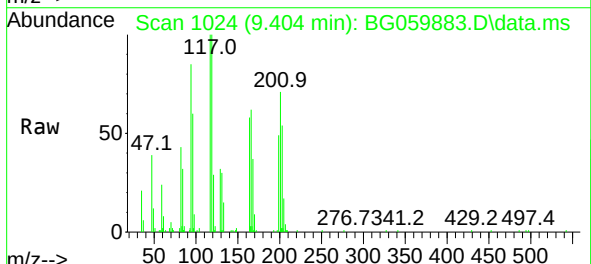
APPROVED

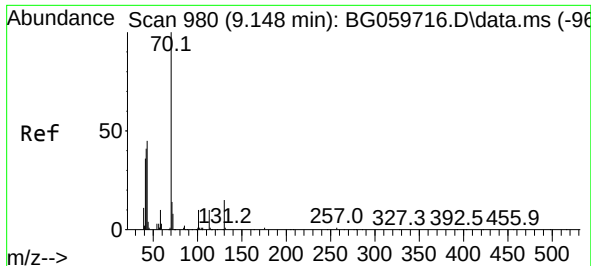
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 44.129 ng
RT: 9.404 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:117 Resp: 32332
Ion Ratio Lower Upper
117 100
119 100.5 71.8 107.8
201 71.8 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.830 ng

RT: 9.122 min Scan# 91

Delta R.T. -0.009 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

Tgt Ion: 70 Resp: 72964

Ion Ratio Lower Upper

70 100

42 44.3 32.8 49.2

101 10.8 7.7 11.5

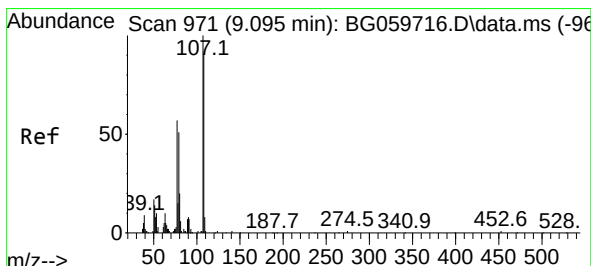
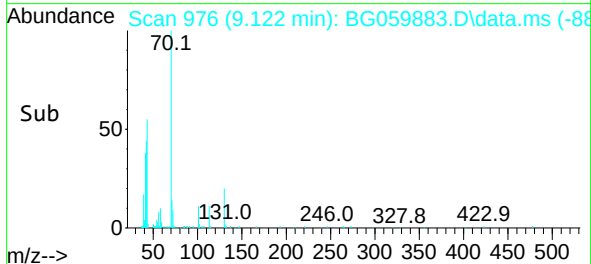
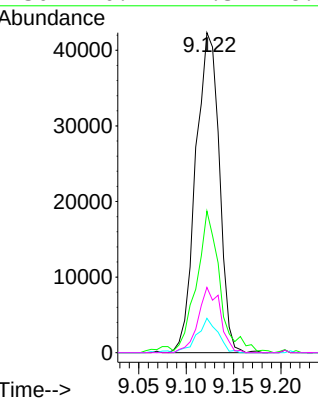
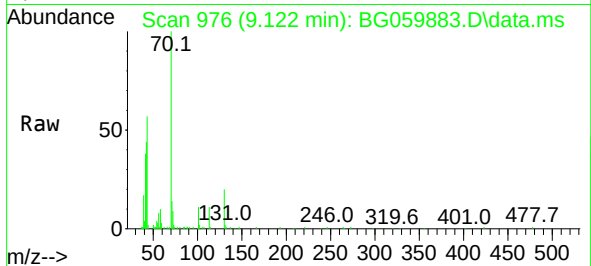
130 20.4 12.3 18.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#20

3+4-Methylphenols

Concen: 45.960 ng

RT: 9.075 min Scan# 968

Delta R.T. -0.015 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Tgt Ion:107 Resp: 102390

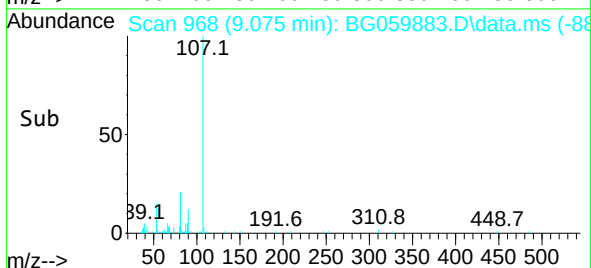
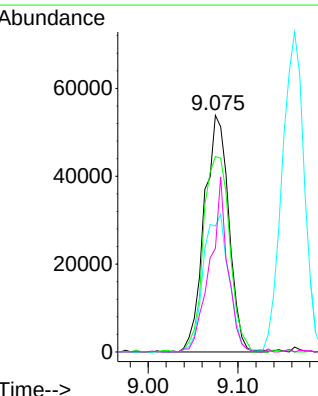
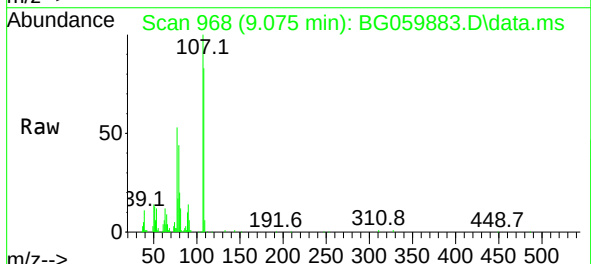
Ion Ratio Lower Upper

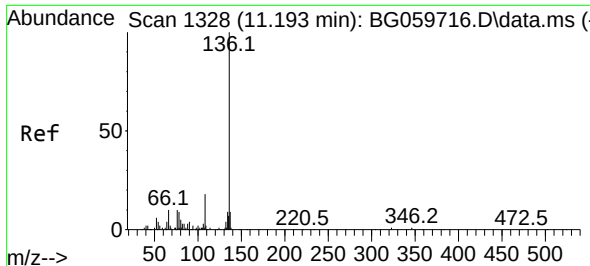
107 100

108 82.6 71.1 111.1

77 53.2 37.5 77.5

79 43.8 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 118230
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

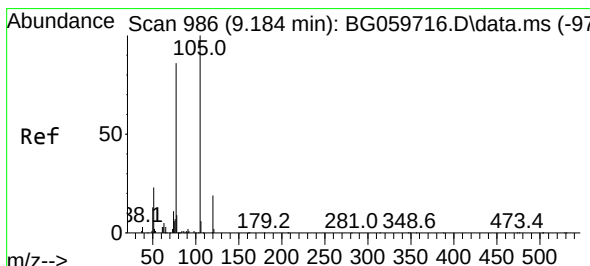
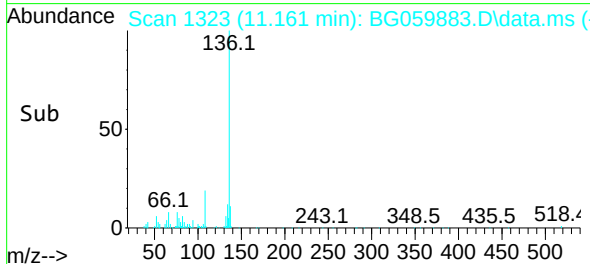
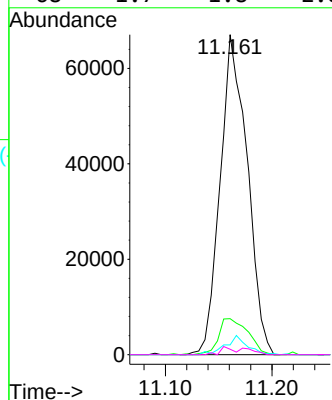
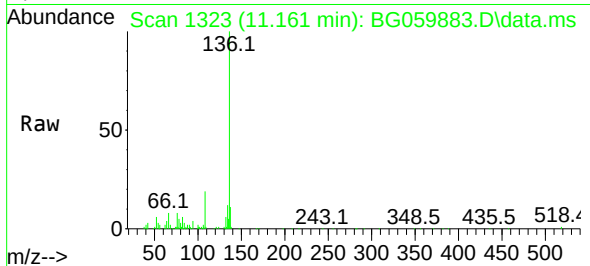
PB157208BS

Tgt Ion:136 Resp: 118230
Ion Ratio Lower Upper
136 100
137 11.3 7.4 11.0
54 3.1 3.1 4.7
68 1.7 1.8 2.8

Manual Integrations

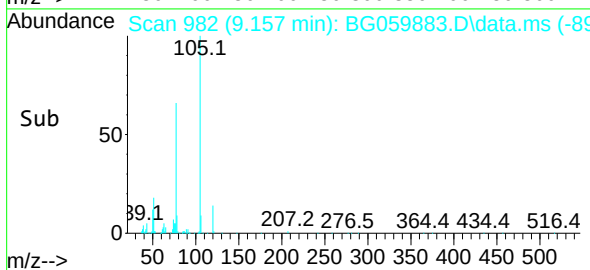
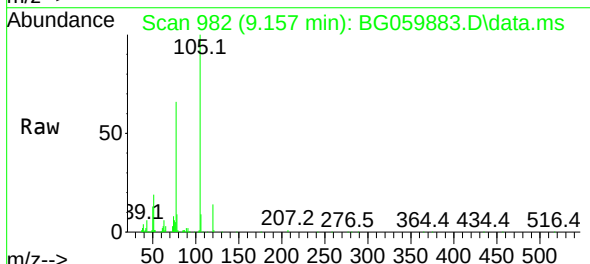
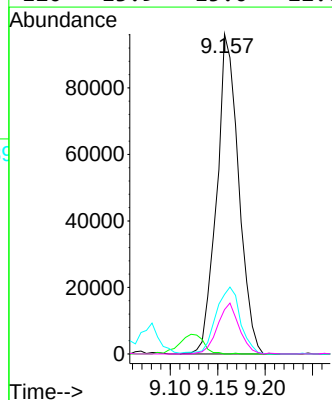
APPROVED

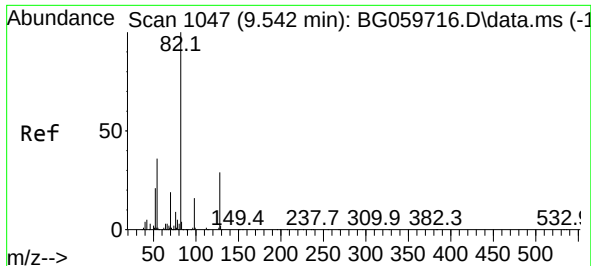
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 46.299 ng
RT: 9.157 min Scan# 982
Delta R.T. -0.015 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:105 Resp: 154974
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 18.6 18.4 27.6
120 13.9 15.0 22.6





#23
Nitrobenzene-d5
Concen: 79.831 ng
RT: 9.515 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

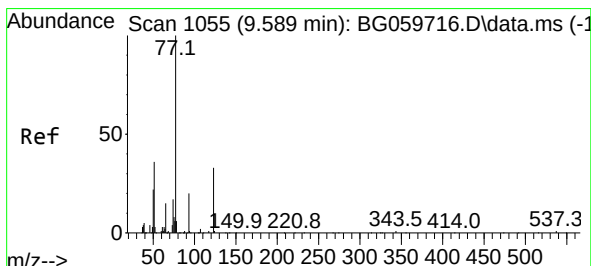
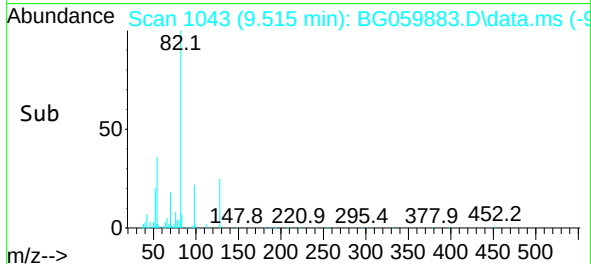
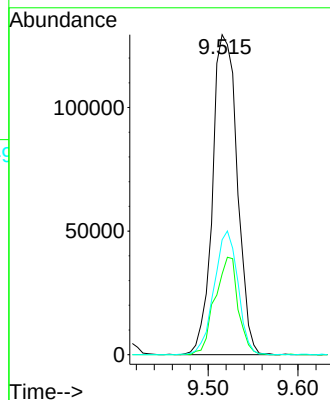
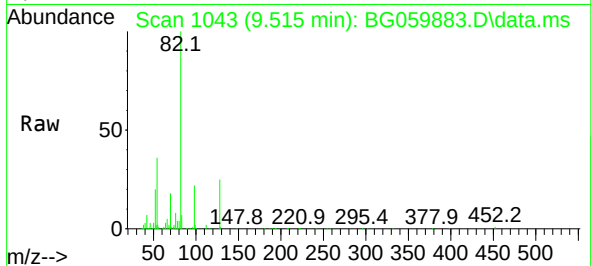
PB157208BS

Tgt Ion: 82 Resp: 247130
Ion Ratio Lower Upper
82 100
128 25.2 23.0 34.6
54 35.9 28.7 43.1

Manual Integrations

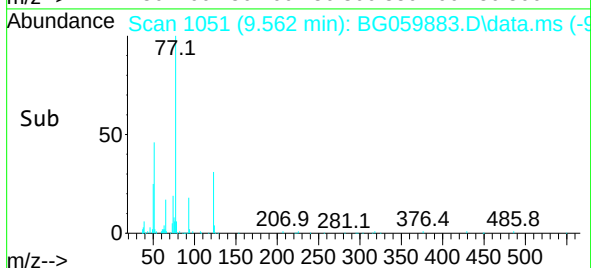
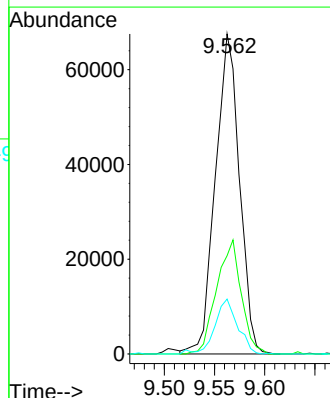
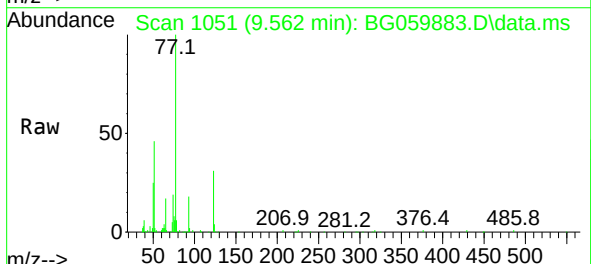
APPROVED

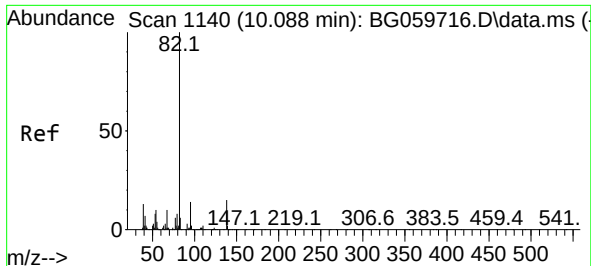
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#24
Nitrobenzene
Concen: 39.408 ng
RT: 9.562 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion: 77 Resp: 112355
Ion Ratio Lower Upper
77 100
123 30.7 26.1 39.1
65 17.2 12.1 18.1





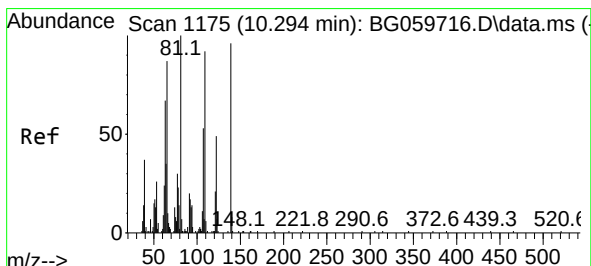
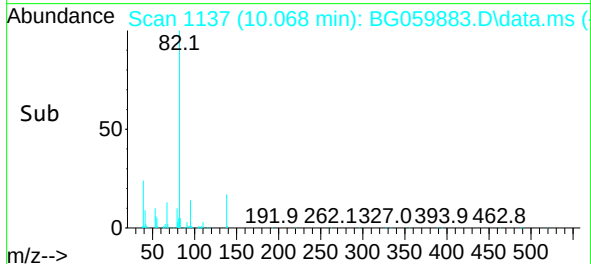
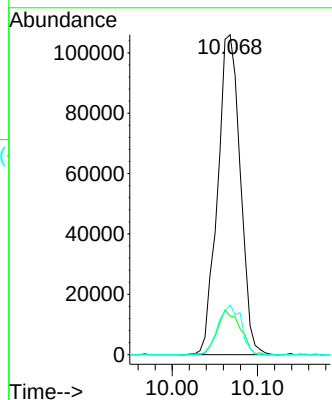
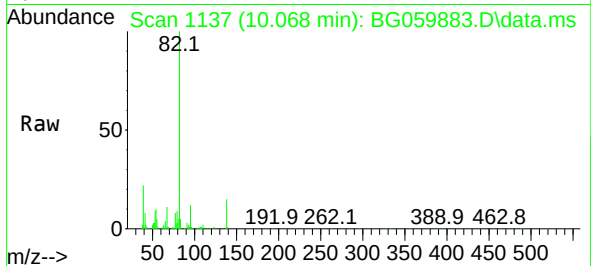
#25
Isophorone
Concen: 37.658 ng
RT: 10.068 min Scan# 1140
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion: 82 Resp: 19571
Ion Ratio Lower Upper
82 100
95 12.1 11.4 17.0
138 15.5 12.1 18.1

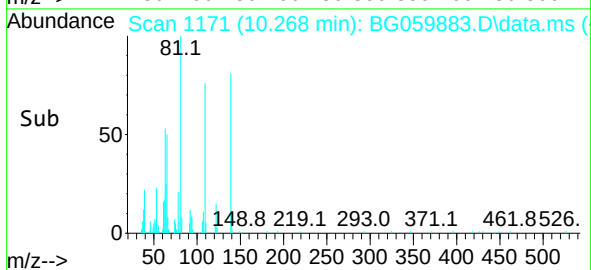
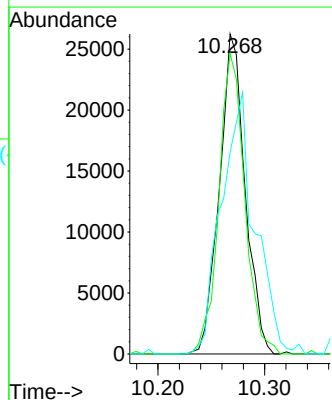
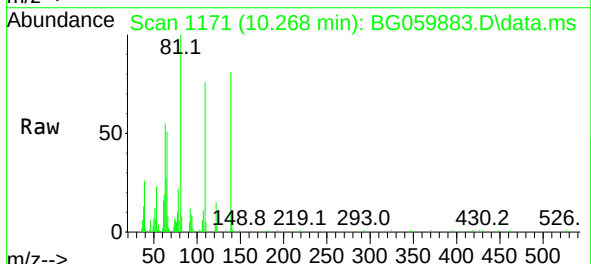
Manual Integrations
APPROVED

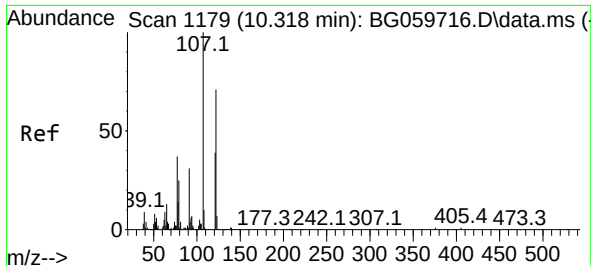
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 42.115 ng
RT: 10.268 min Scan# 1171
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:139 Resp: 44022
Ion Ratio Lower Upper
139 100
109 93.8 76.7 115.1
65 63.1 72.1 108.1#





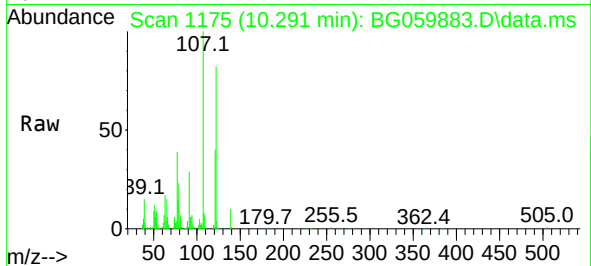
#27
2,4-Dimethylphenol
Concen: 40.307 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS



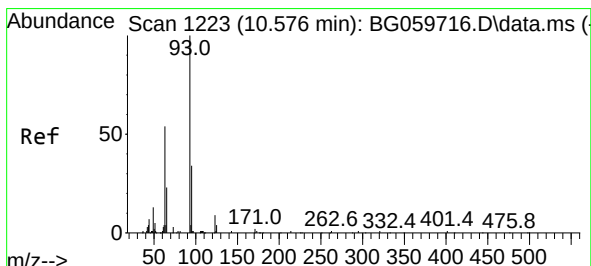
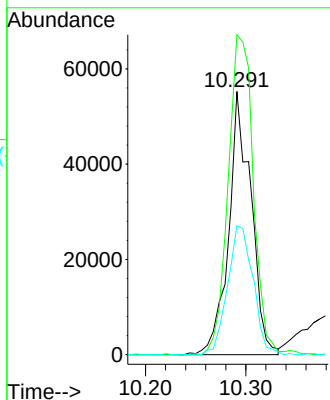
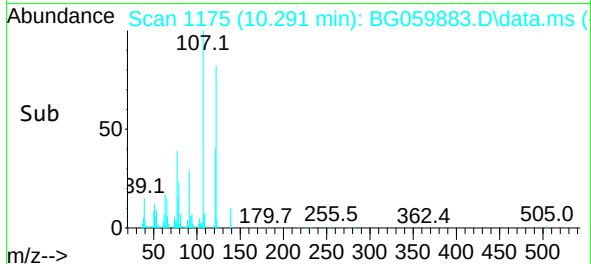
Tgt Ion:122 Resp: 85664
Ion Ratio Lower Upper
122 100
107 121.6 112.1 168.1
121 49.0 43.2 64.8

Manual Integrations

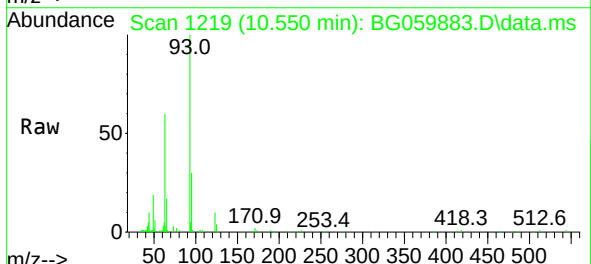
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

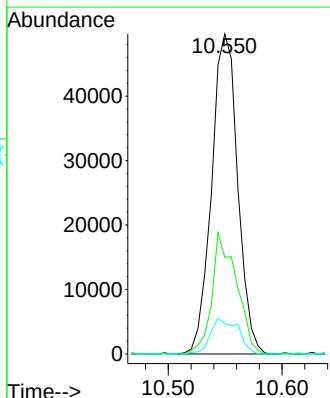
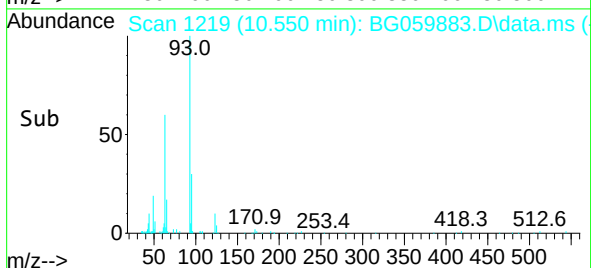
Supervised By :mohammad ahmed 11/28/2023

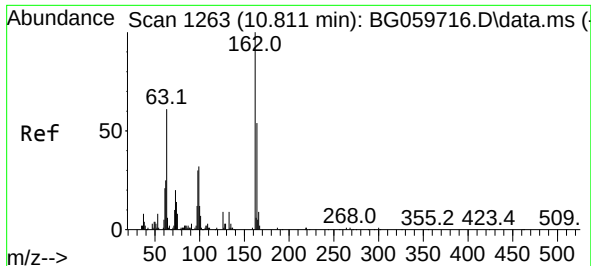


#28
bis(2-Chloroethoxy)methane
Concen: 40.534 ng
RT: 10.550 min Scan# 1219
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion: 93 Resp: 79163
Ion Ratio Lower Upper
93 100
95 30.2 27.0 40.6
123 9.5 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 46.437 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

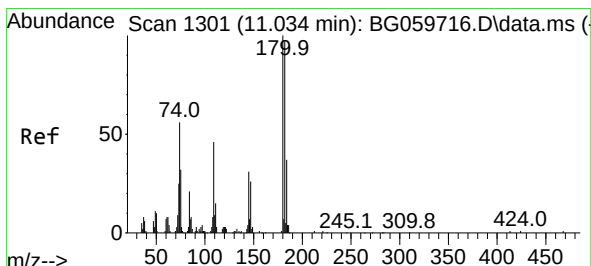
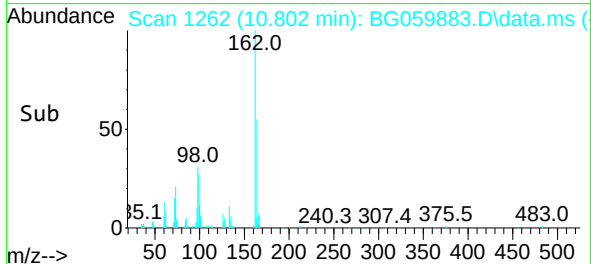
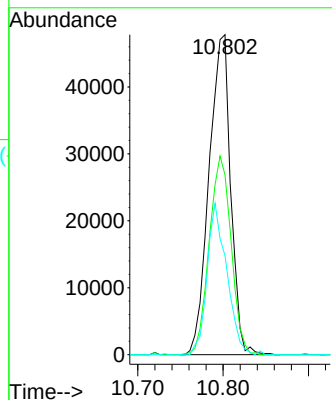
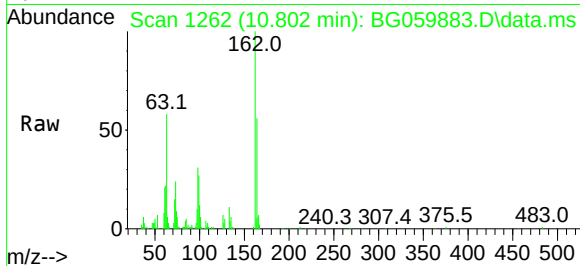
PB157208BS

Tgt Ion:162 Resp: 84259
Ion Ratio Lower Upper
162 100
164 56.2 33.6 73.6
98 30.9 10.7 50.7

Manual Integrations

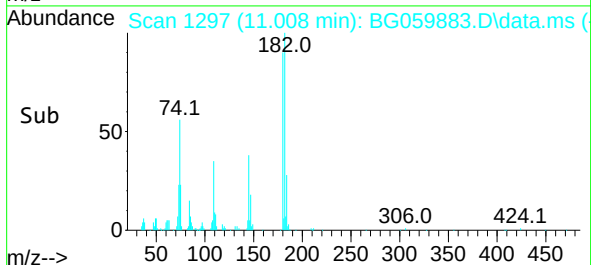
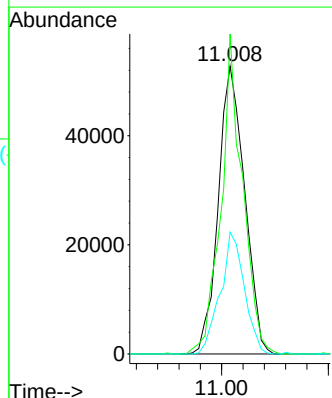
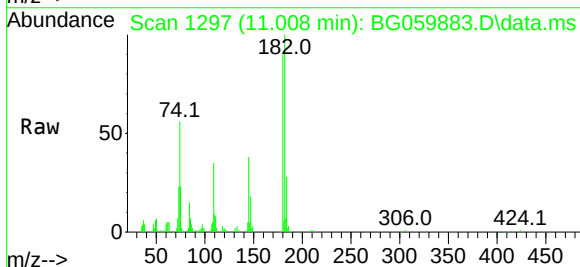
APPROVED

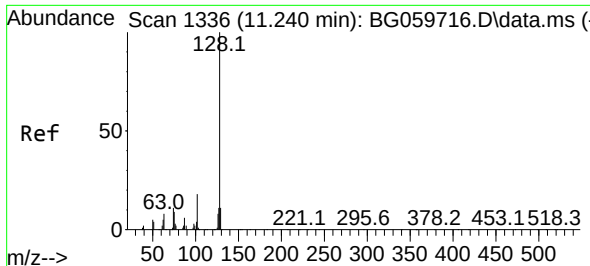
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 49.223 ng
RT: 11.008 min Scan# 1297
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:180 Resp: 90265
Ion Ratio Lower Upper
180 100
182 111.2 77.4 116.2
145 42.4 24.4 36.6#





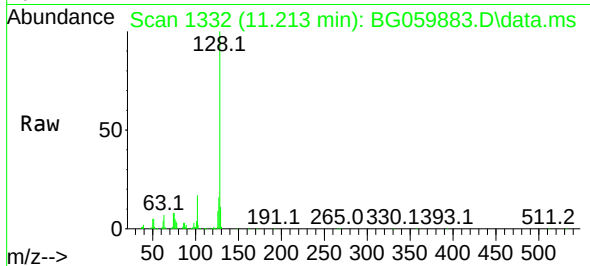
#31
Naphthalene
Concen: 45.232 ng
RT: 11.213 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS



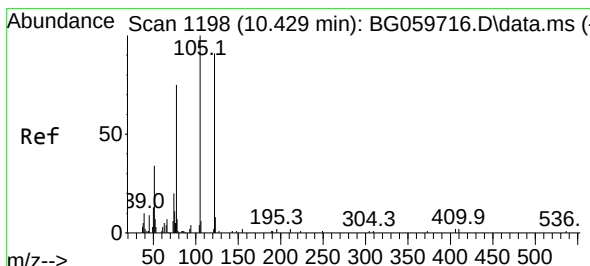
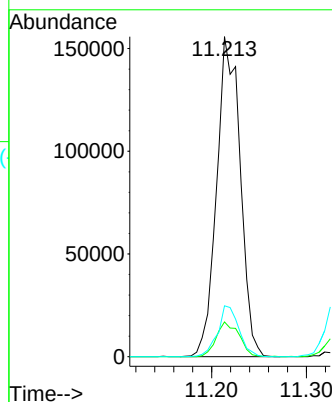
Tgt Ion:128 Resp: 268910
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 15.9 9.2 13.8

Manual Integrations

APPROVED

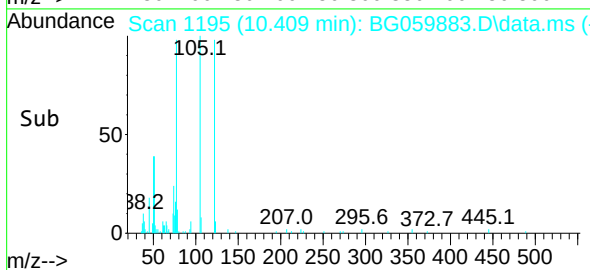
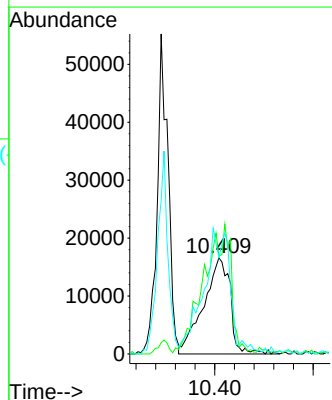
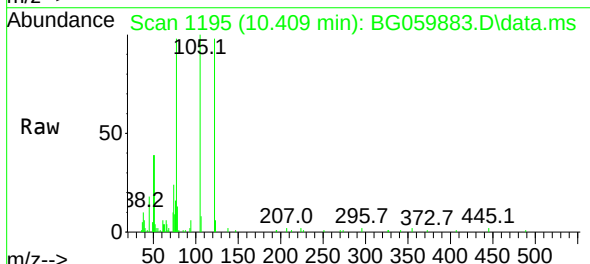
Reviewed By :Yogesh Patel 11/28/2023

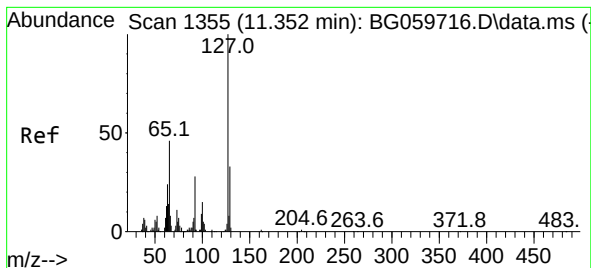
Supervised By :mohammad ahmed 11/28/2023



#32
Benzoic acid
Concen: 43.361 ng m
RT: 10.409 min Scan# 1195
Delta R.T. -0.033 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:122 Resp: 62715
Ion Ratio Lower Upper
122 100
105 101.8 103.7 143.7#
77 100.1 82.3 122.3





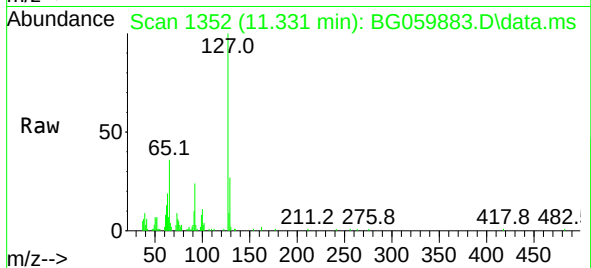
#33
4-Chloroaniline
Concen: 20.902 ng
RT: 11.331 min Scan# 1135
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

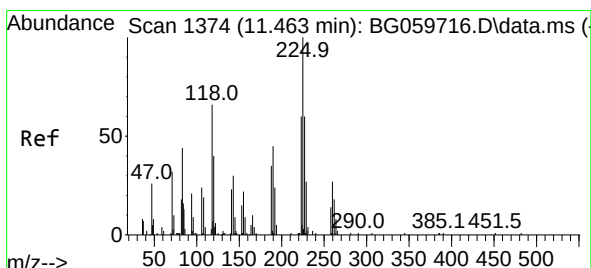
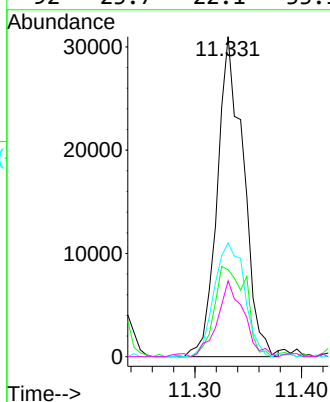
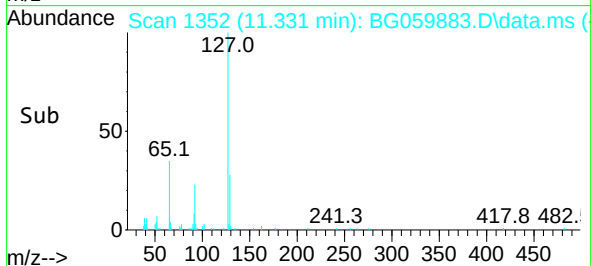
PB157208BS



Tgt Ion:127 Resp: 5285
Ion Ratio Lower Upper
127 100
129 27.1 26.8 40.2
65 35.6 36.5 54.7
92 23.7 22.1 33.1

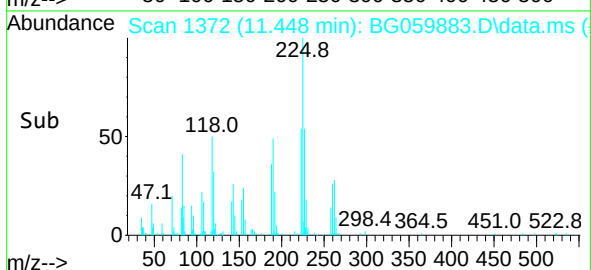
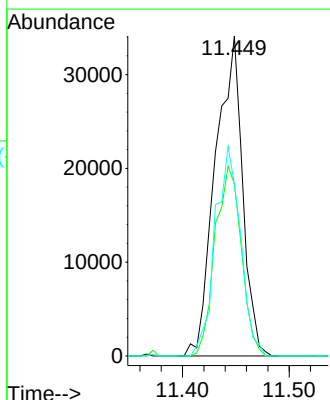
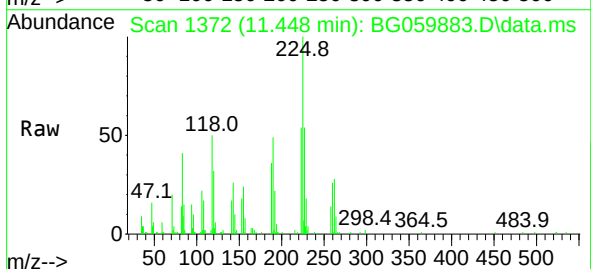
Manual Integrations
APPROVED

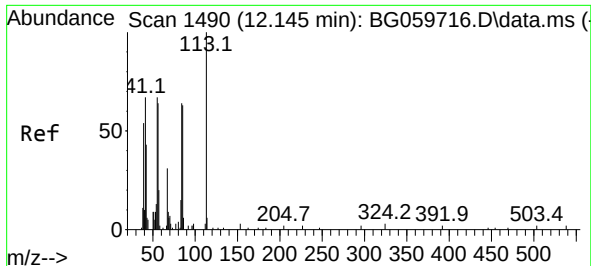
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#34
Hexachlorobutadiene
Concen: 48.136 ng
RT: 11.448 min Scan# 1372
Delta R.T. 0.002 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

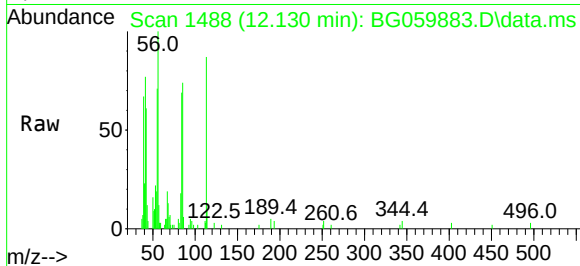
Tgt Ion:225 Resp: 60077
Ion Ratio Lower Upper
225 100
223 53.8 46.6 69.8
227 53.5 48.2 72.2





#35
Caprolactam
Concen: 42.889 ng m
RT: 12.130 min Scan# 1490
Delta R.T. -0.015 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

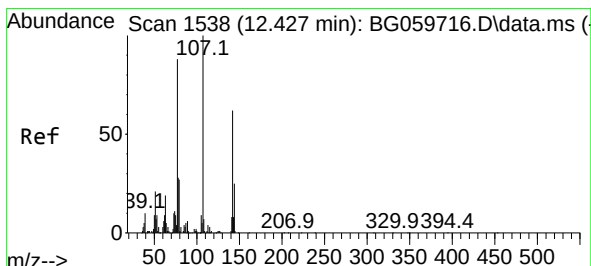
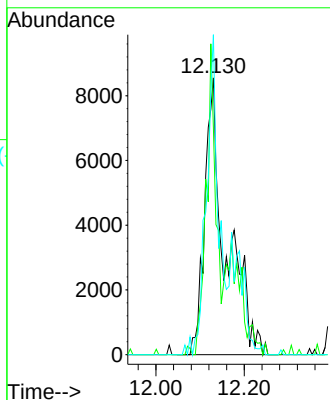
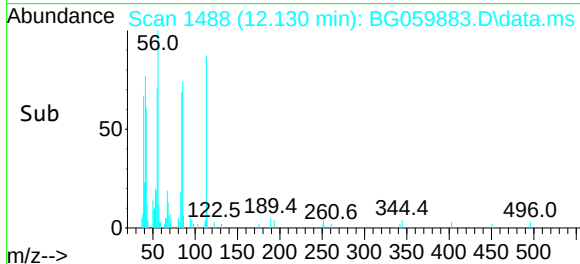
Instrument :
BNA_G
ClientSampleId :
PB157208BS



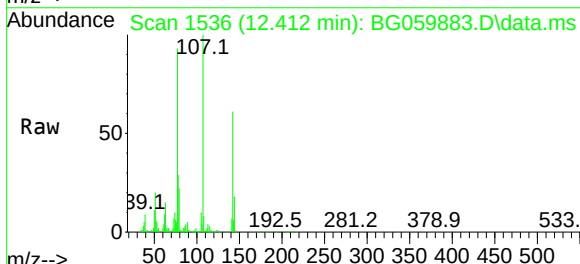
Tgt Ion:113 Resp: 2844
Ion Ratio Lower Upper
113 100
55 81.8 47.1 87.1
56 115.6 43.7 83.7

Manual Integrations
APPROVED

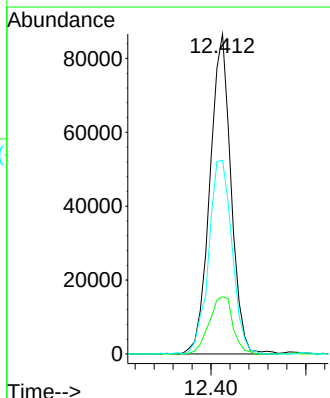
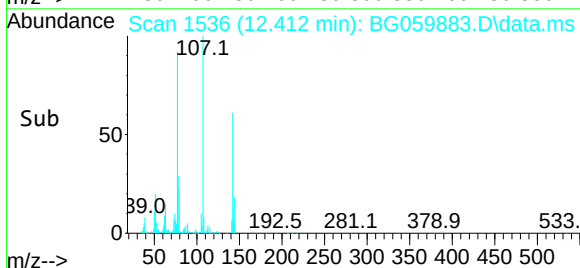
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

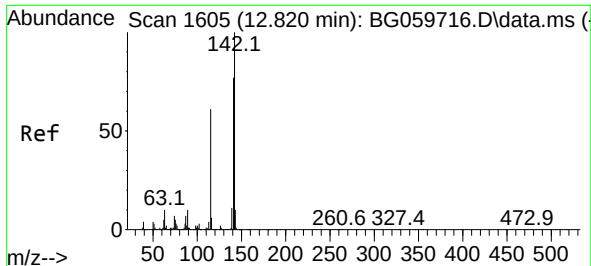


#36
4-Chloro-3-methylphenol
Concen: 55.378 ng
RT: 12.412 min Scan# 1536
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:107 Resp: 133635
Ion Ratio Lower Upper
107 100
144 17.9 20.2 30.4#
142 60.6 49.4 74.0





#37

2-Methylnaphthalene

Concen: 45.196 ng

RT: 12.800 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

Tgt Ion:142 Resp: 22630

Ion Ratio Lower Upper

142 100

141 91.6 61.9 92.9

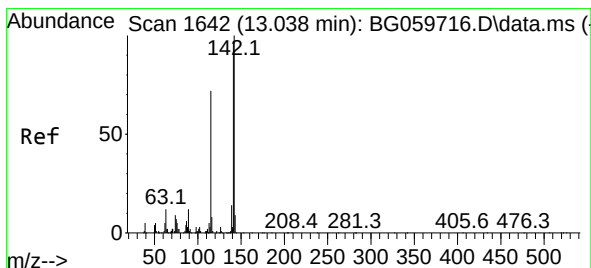
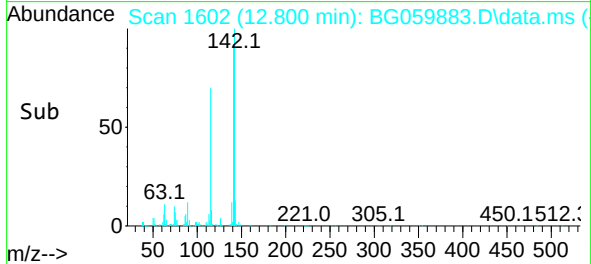
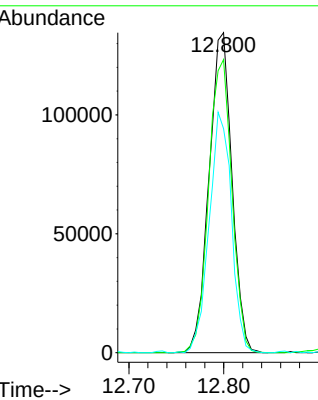
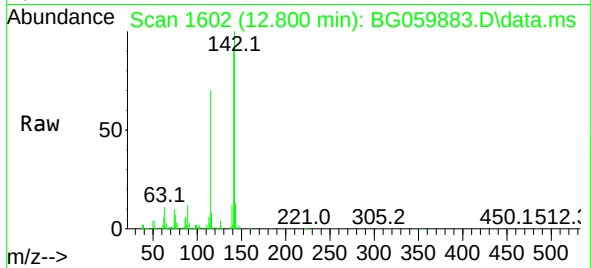
115 70.0 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#38

1-Methylnaphthalene

Concen: 49.527 ng

RT: 13.011 min Scan# 1638

Delta R.T. -0.010 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

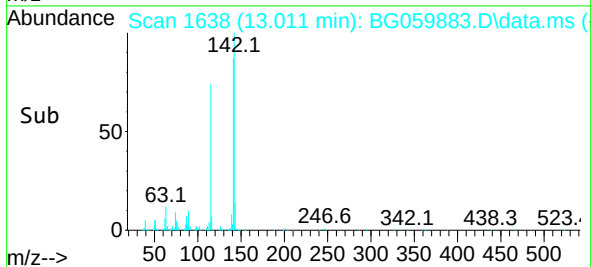
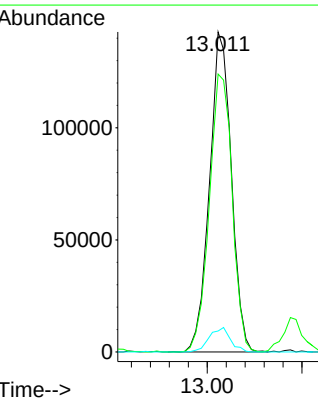
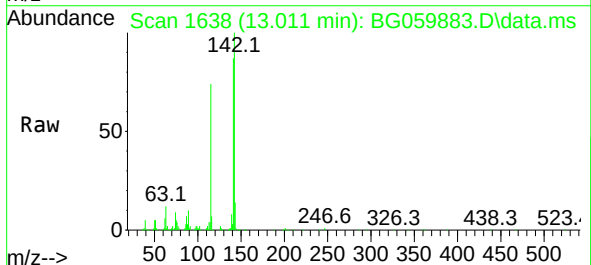
Tgt Ion:142 Resp: 228694

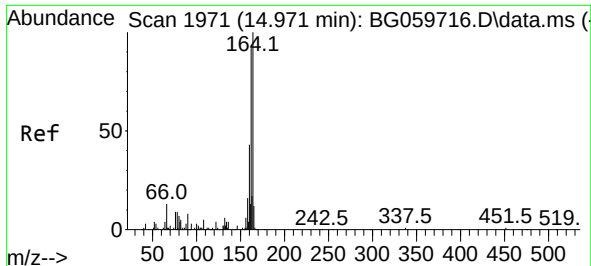
Ion Ratio Lower Upper

142 100

141 86.8 77.8 116.8

116 6.6 6.2 9.2





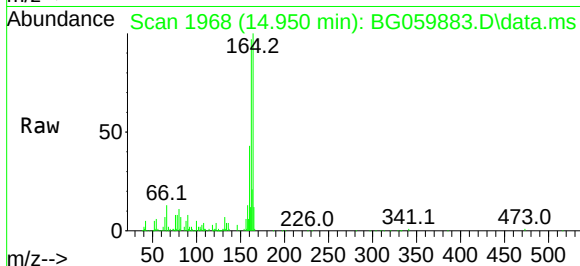
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

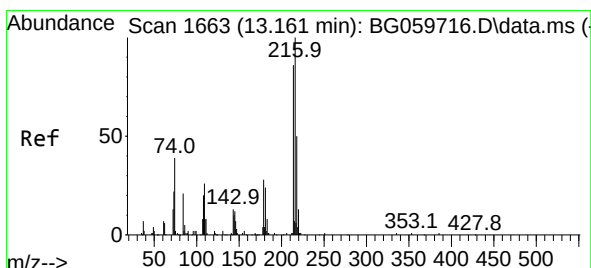
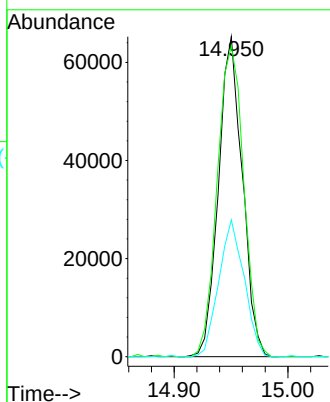
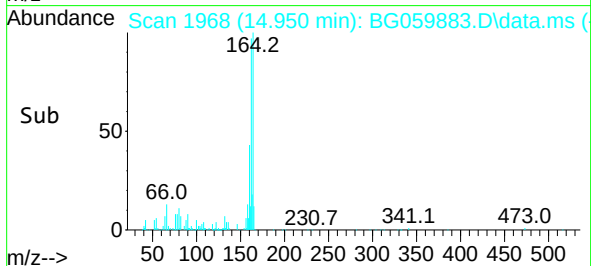
PB157208BS



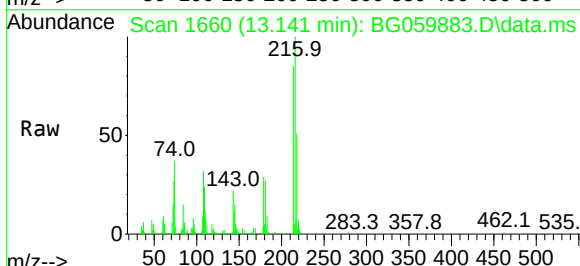
Tgt Ion:164 Resp: 95219
Ion Ratio Lower Upper
164 100
162 97.1 73.3 109.9
160 42.8 34.1 51.1

Manual Integrations
APPROVED

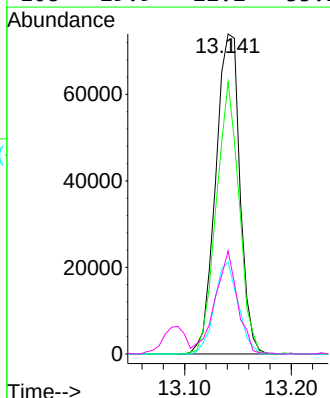
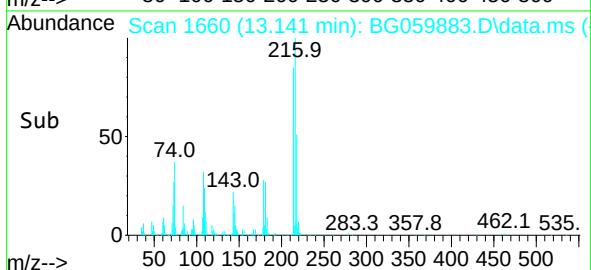
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

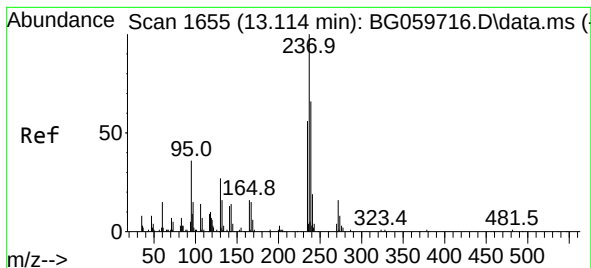


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.429 ng
RT: 13.141 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:216 Resp: 116822
Ion Ratio Lower Upper
216 100
214 79.7 61.0 91.4
179 28.2 20.2 30.2
108 29.9 22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 88.518 ng

RT: 13.094 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

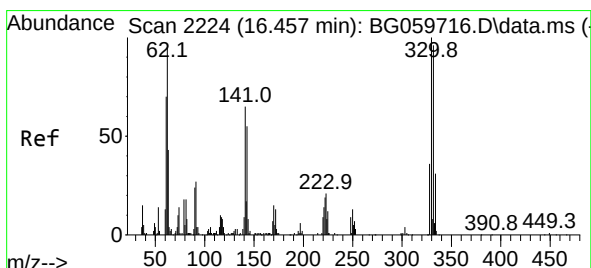
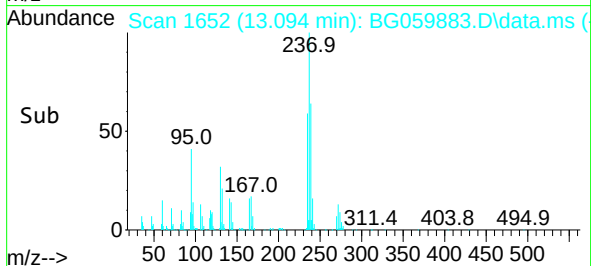
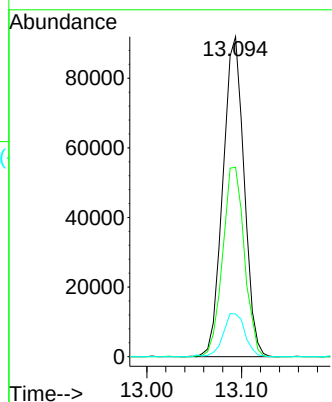
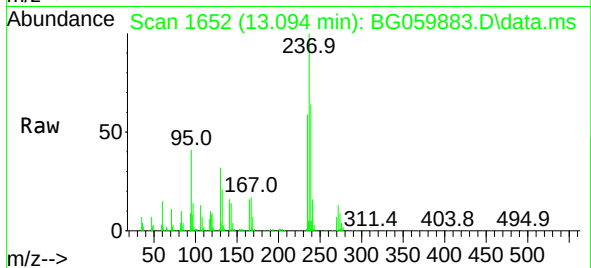
Tgt Ion:	237	Resp:	142780
Ion Ratio	Lower	Upper	
237	100		
235	59.2	36.0	76.0
272	13.3	0.0	36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#42

2,4,6-Tribromophenol

Concen: 154.587 ng

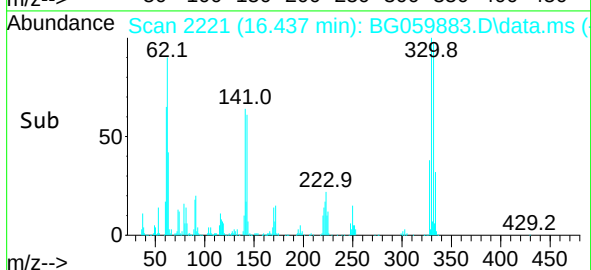
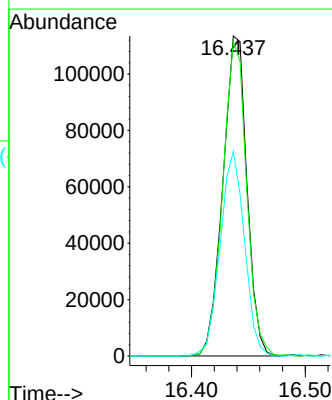
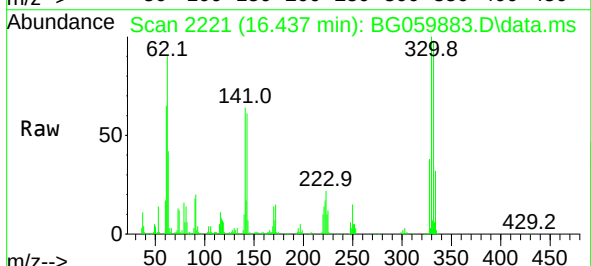
RT: 16.437 min Scan# 2221

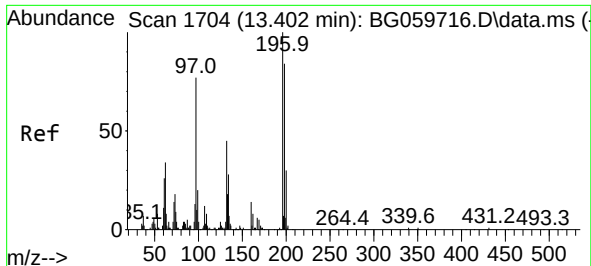
Delta R.T. -0.004 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

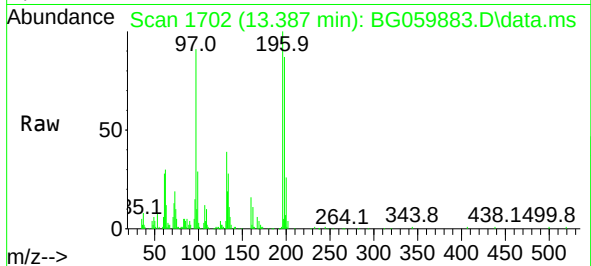
Tgt Ion:	330	Resp:	167012
Ion Ratio	Lower	Upper	
330	100		
332	97.3	73.3	109.9
141	64.3	52.1	78.1





#43
2,4,6-Trichlorophenol
Concen: 50.896 ng
RT: 13.387 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

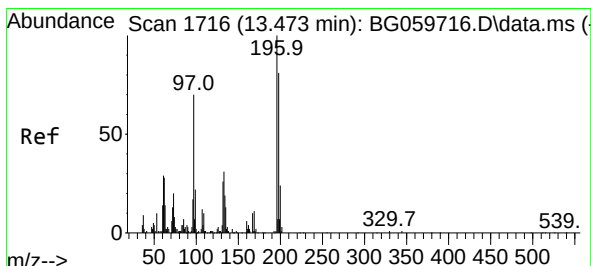
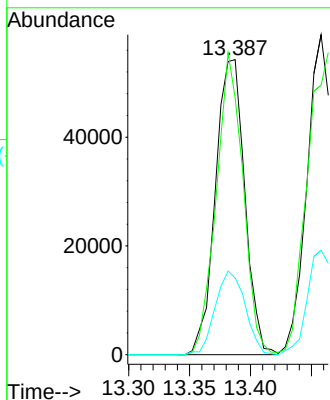
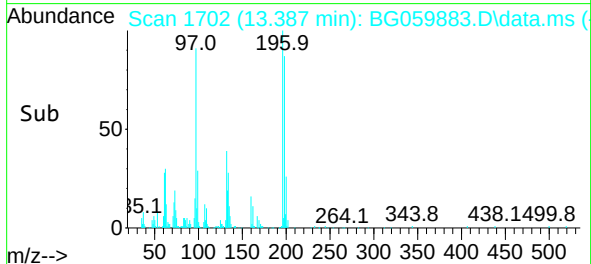
Instrument :
BNA_G
ClientSampleId :
PB157208BS



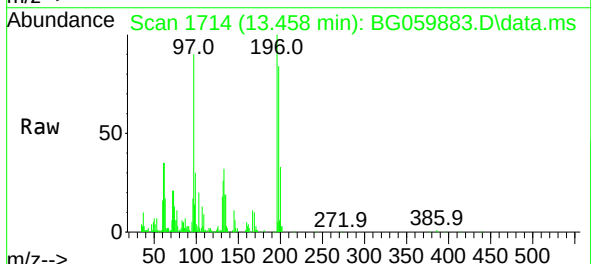
Tgt Ion:196 Resp: 9101
Ion Ratio Lower Upper
196 100
198 87.0 67.6 101.4
200 27.1 24.4 36.6

Manual Integrations
APPROVED

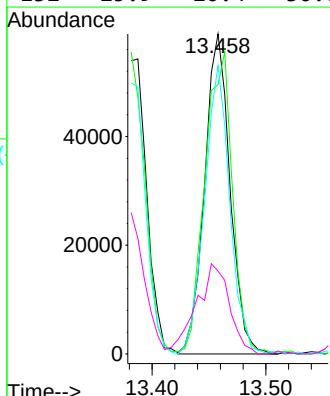
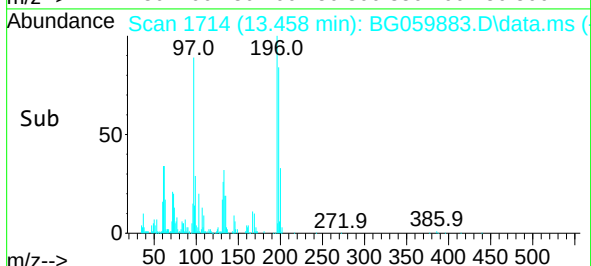
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

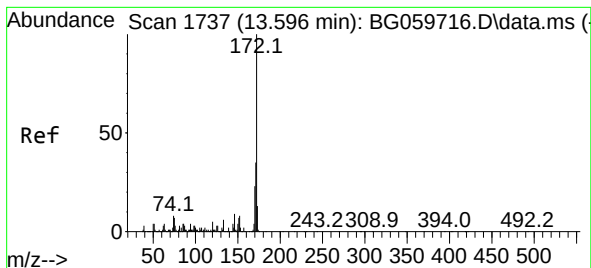


#44
2,4,5-Trichlorophenol
Concen: 43.646 ng
RT: 13.458 min Scan# 1714
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:196 Resp: 91708
Ion Ratio Lower Upper
196 100
198 84.2 66.7 100.1
97 90.1 55.9 83.9#
132 25.9 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 88.564 ng
RT: 13.575 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

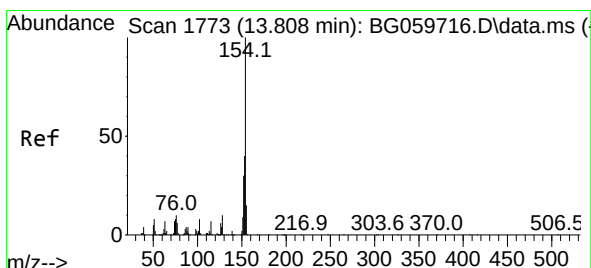
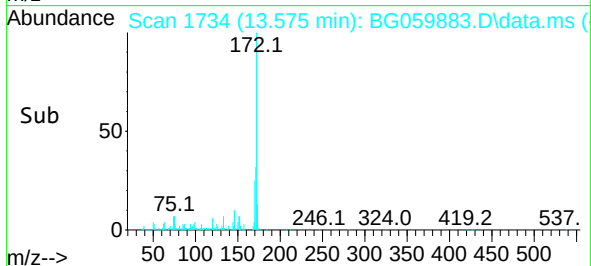
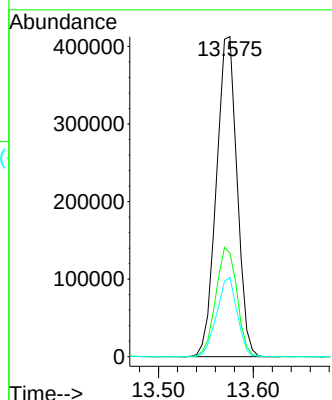
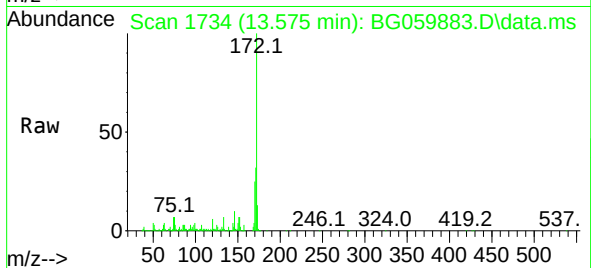
ClientSampleId :

PB157208BS

Tgt Ion:172 Resp: 62650
Ion Ratio Lower Upper
172 100
171 32.4 27.7 41.5
170 24.8 18.4 27.6

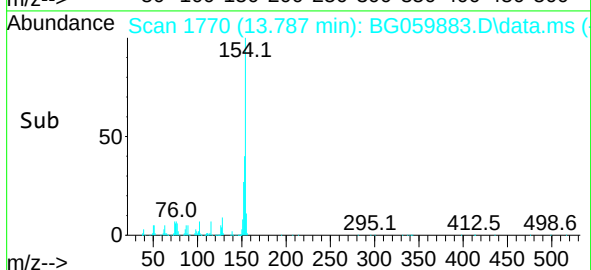
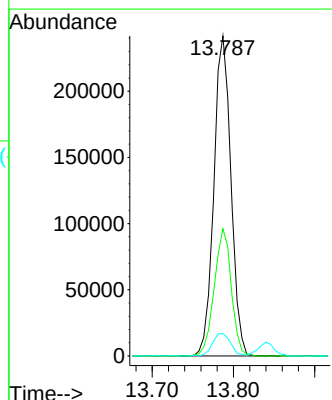
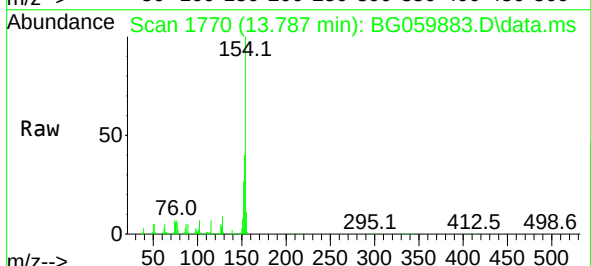
Manual Integrations
APPROVED

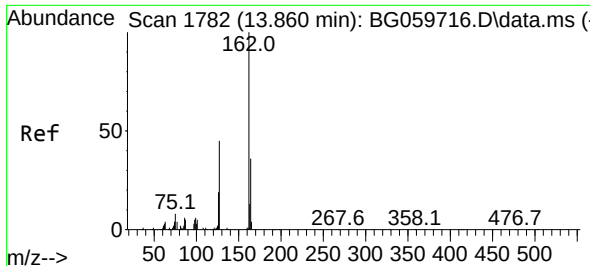
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 47.115 ng
RT: 13.787 min Scan# 1770
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:154 Resp: 352133
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 7.0 0.0 30.4





#47
2-Chloronaphthalene
Concen: 48.255 ng
RT: 13.840 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

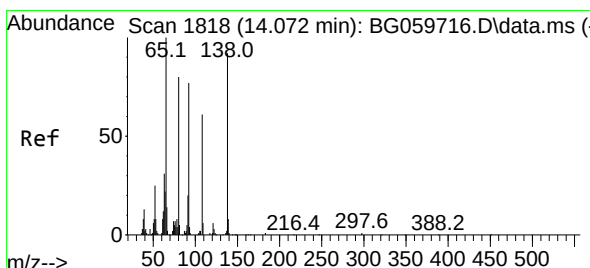
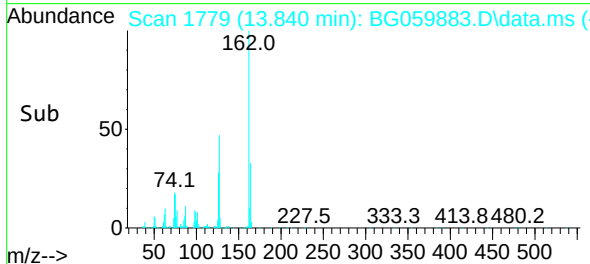
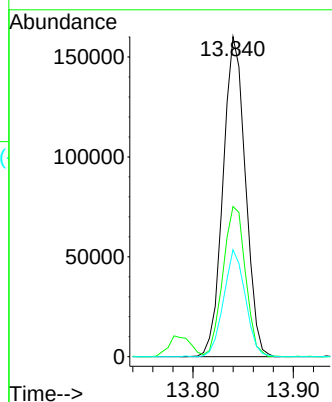
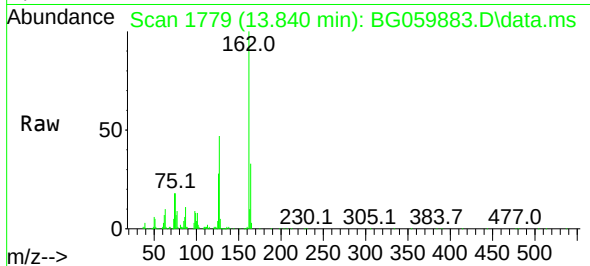
ClientSampleId :

PB157208BS

Tgt Ion:162 Resp: 24781
Ion Ratio Lower Upper
162 100
127 46.9 41.0 61.6
164 33.4 28.9 43.3

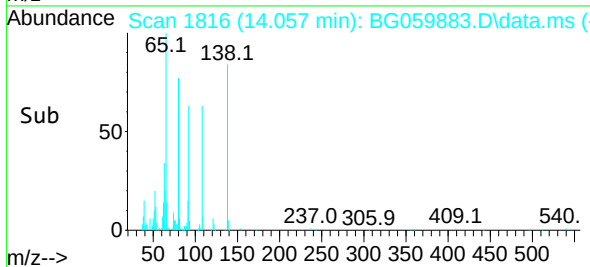
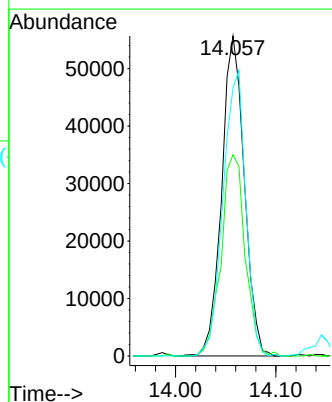
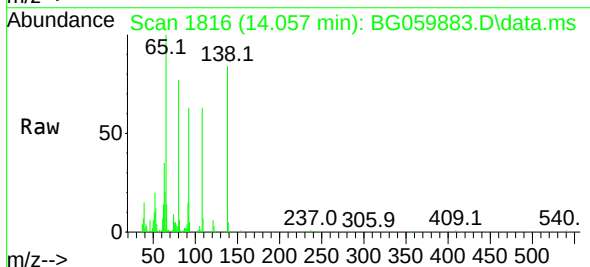
Manual Integrations
APPROVED

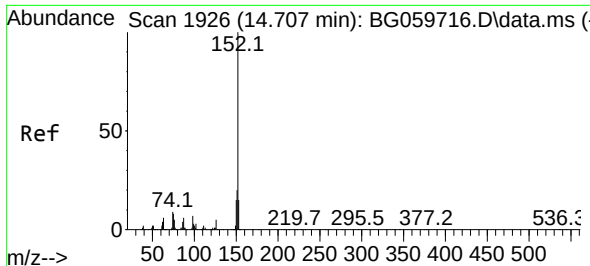
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#48
2-Nitroaniline
Concen: 47.517 ng
RT: 14.057 min Scan# 1816
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion: 65 Resp: 87124
Ion Ratio Lower Upper
65 100
92 62.9 61.2 91.8
138 83.7 73.8 110.6





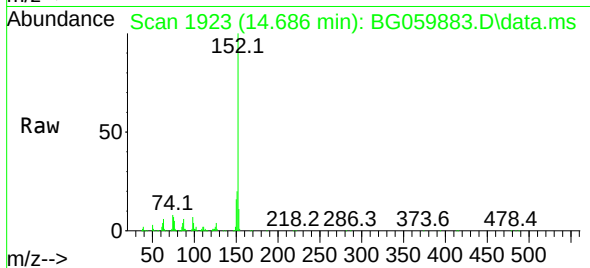
#49
Acenaphthylene
Concen: 48.041 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

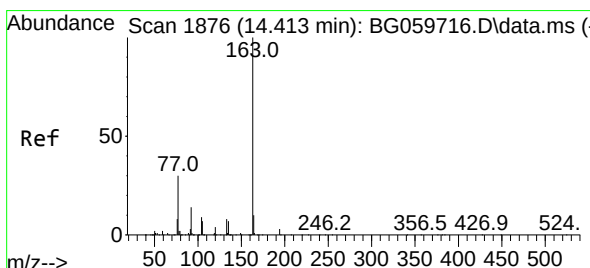
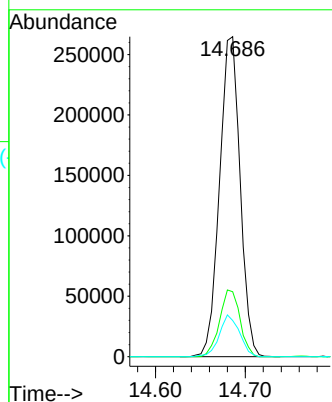
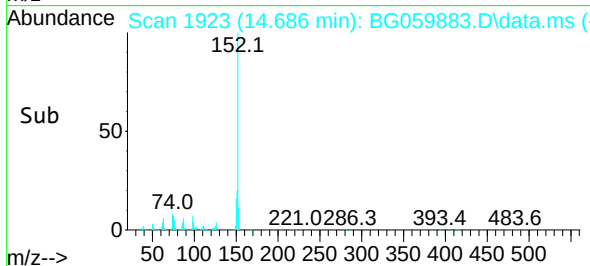
PB157208BS



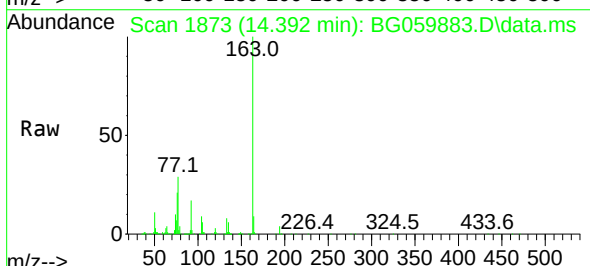
Tgt Ion:152 Resp: 42066
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 11.3 12.2 18.4

Manual Integrations
APPROVED

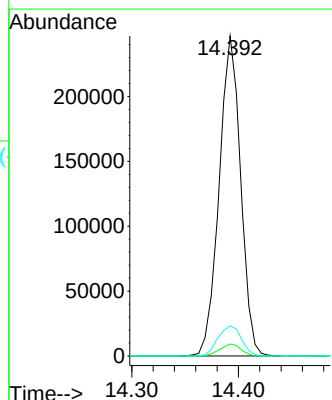
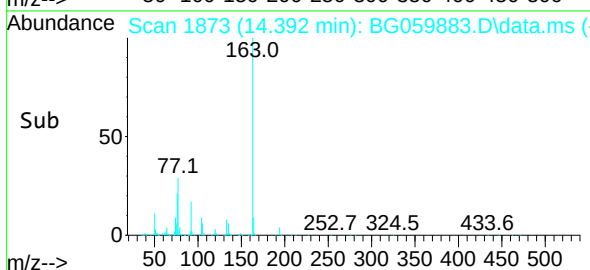
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

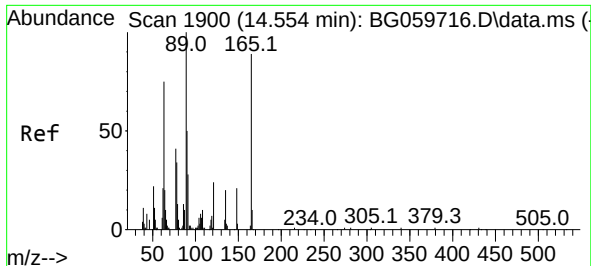


#50
Dimethylphthalate
Concen: 46.680 ng
RT: 14.392 min Scan# 1873
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:163 Resp: 344450
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.4 8.2 12.2





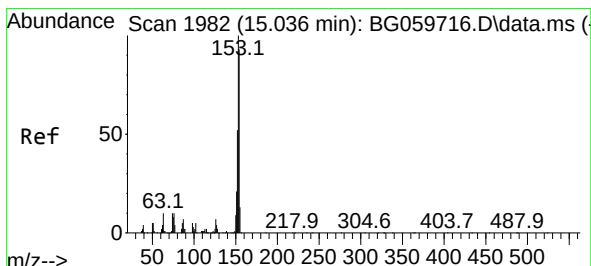
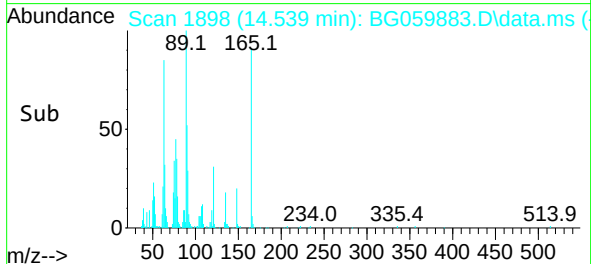
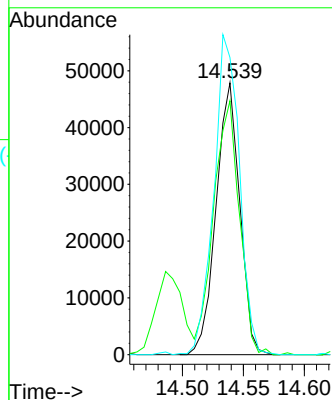
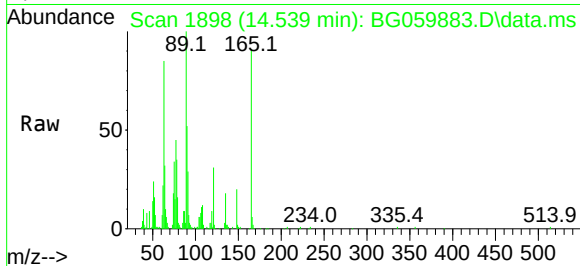
#51
2,6-Dinitrotoluene
Concen: 46.271 ng
RT: 14.539 min Scan# 1898
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion:165 Resp: 64772
Ion Ratio Lower Upper
165 100
63 93.4 75.3 112.9
89 109.3 90.9 136.3

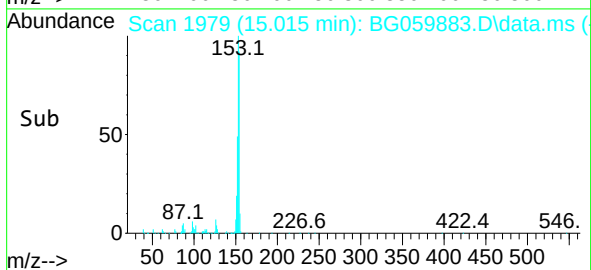
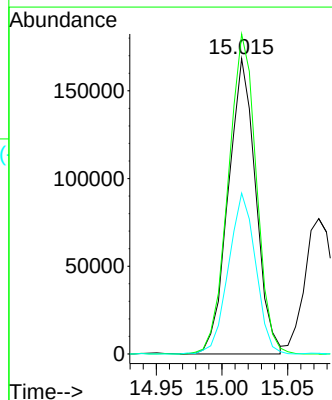
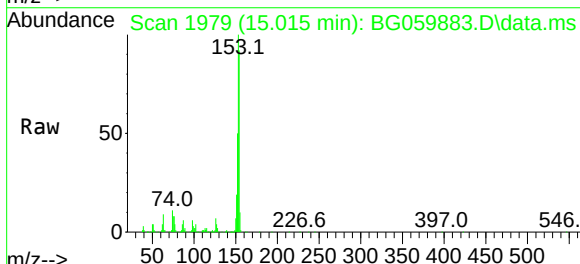
Manual Integrations
APPROVED

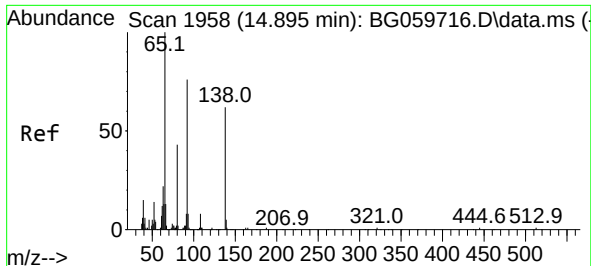
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 46.459 ng
RT: 15.015 min Scan# 1979
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:154 Resp: 244662
Ion Ratio Lower Upper
154 100
153 108.4 85.8 128.8
152 54.4 44.4 66.6





#53
3-Nitroaniline
Concen: 28.396 ng
RT: 14.880 min Scan# 1958
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

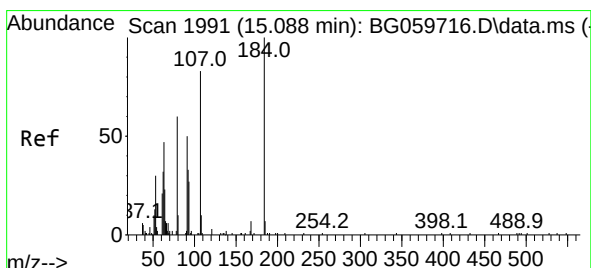
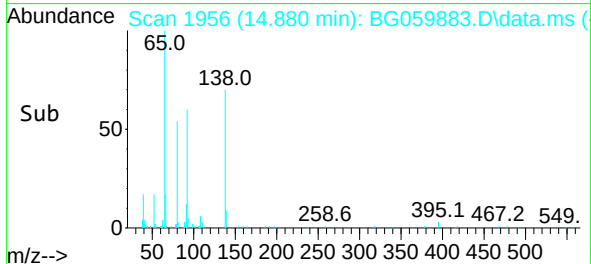
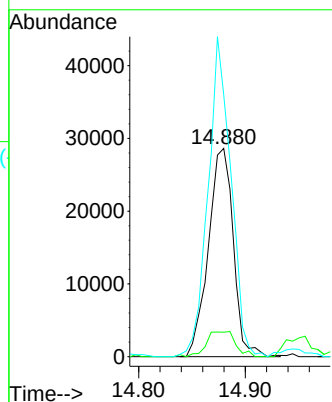
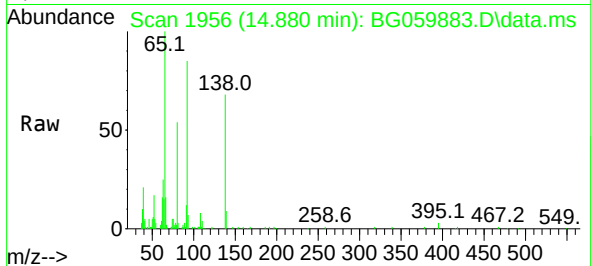
ClientSampleId :

PB157208BS

Tgt Ion:138 Resp: 4652
Ion Ratio Lower Upper
138 100
108 11.8 9.9 14.9
92 125.7 98.3 147.5

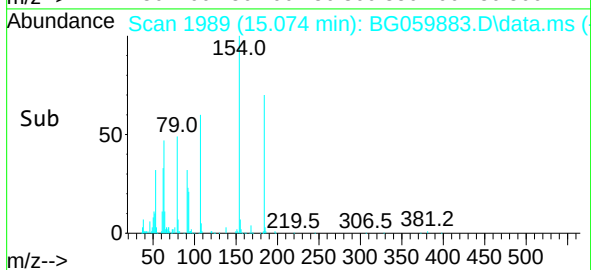
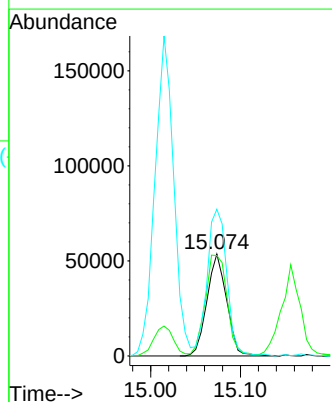
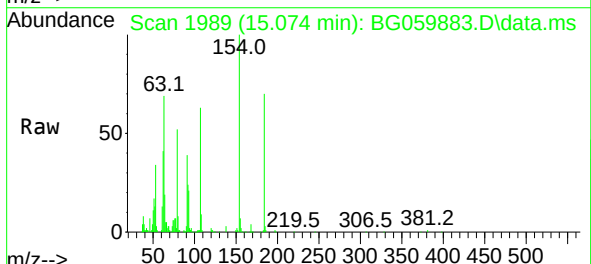
Manual Integrations
APPROVED

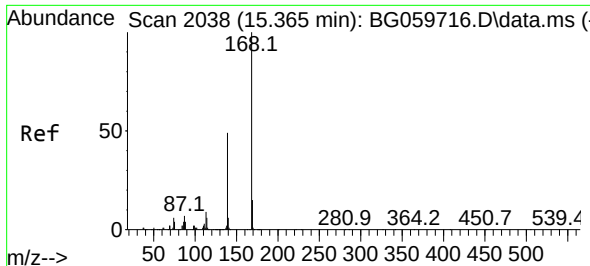
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#54
2,4-Dinitrophenol
Concen: 78.376 ng
RT: 15.074 min Scan# 1989
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:184 Resp: 81528
Ion Ratio Lower Upper
184 100
63 98.6 58.3 87.5#
154 143.8 94.1 141.1#





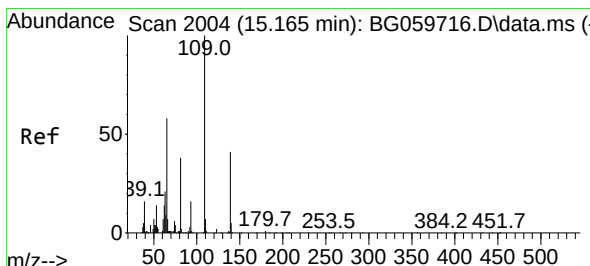
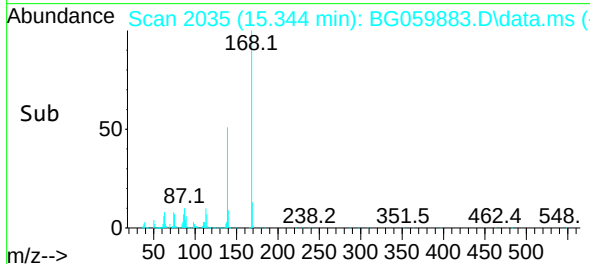
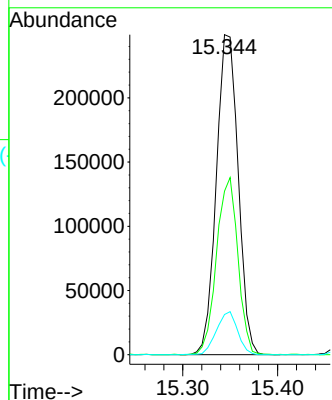
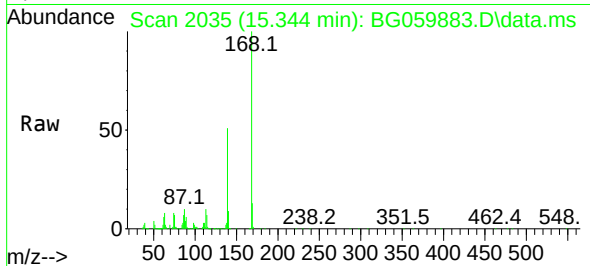
#55
Dibenzenofuran
Concen: 45.957 ng
RT: 15.344 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion:168 Resp: 399020
Ion Ratio Lower Upper
168 100
139 51.1 38.9 58.3
169 12.6 11.8 17.8

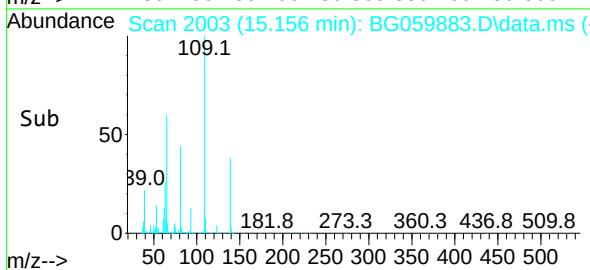
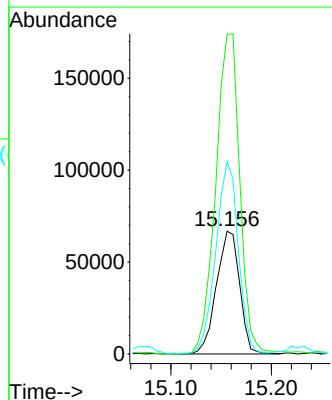
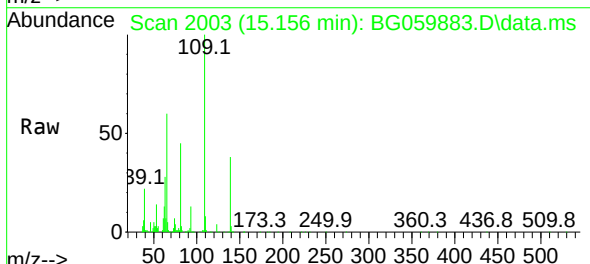
Manual Integrations
APPROVED

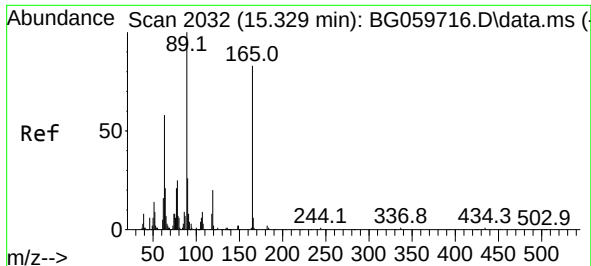
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#56
4-Nitrophenol
Concen: 85.212 ng
RT: 15.156 min Scan# 2003
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

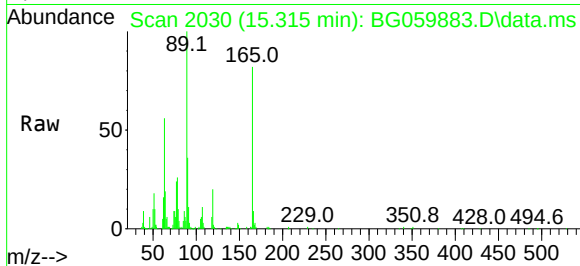
Tgt Ion:139 Resp: 106821
Ion Ratio Lower Upper
139 100
109 260.6 223.4 263.4
65 157.1 120.6 160.6





#57
2,4-Dinitrotoluene
Concen: 45.897 ng
RT: 15.315 min Scan# 2032
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

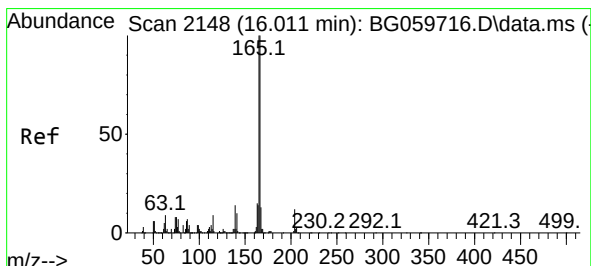
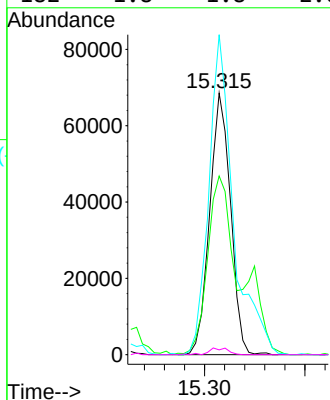
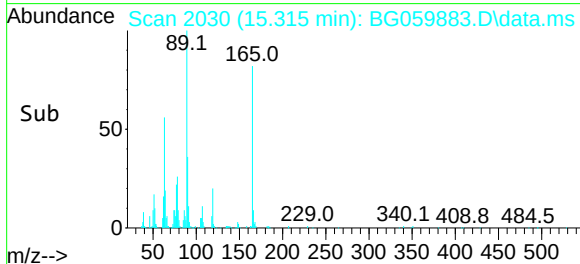
Instrument :
BNA_G
ClientSampleId :
PB157208BS



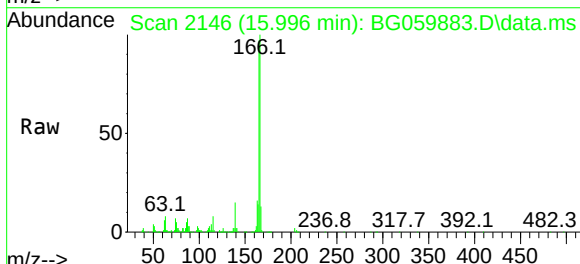
Tgt Ion:165 Resp: 9880
Ion Ratio Lower Upper
165 100
63 68.3 55.8 83.8
89 122.3 96.9 145.3
182 1.8 1.8 2.6

Manual Integrations
APPROVED

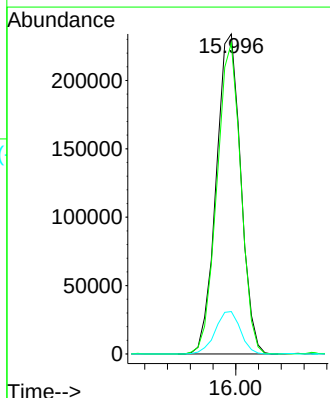
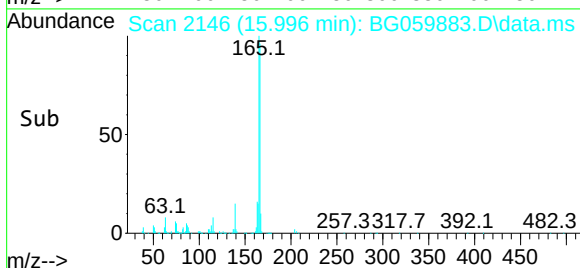
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

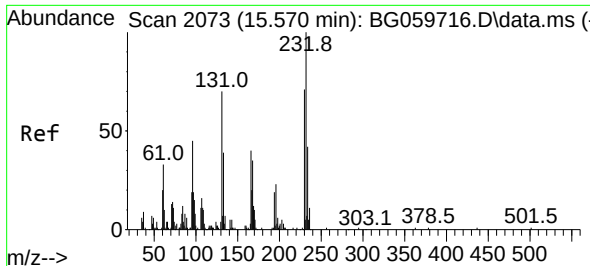


#58
Fluorene
Concen: 48.717 ng
RT: 15.996 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:166 Resp: 351423
Ion Ratio Lower Upper
166 100
165 97.1 79.9 119.9
167 13.2 10.1 15.1





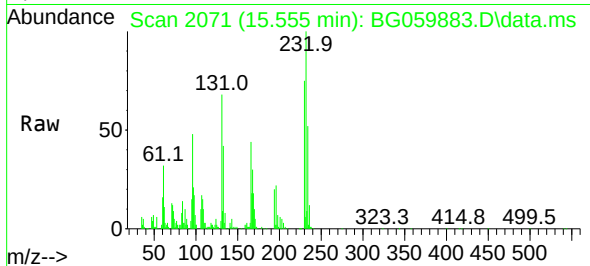
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.528 ng
RT: 15.555 min Scan# 2073
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

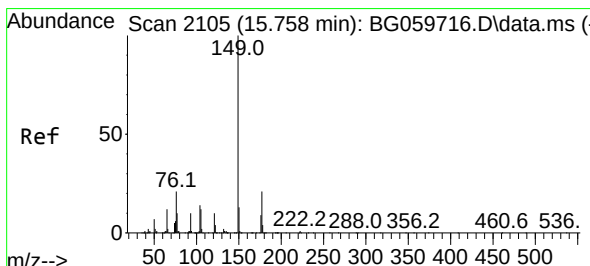
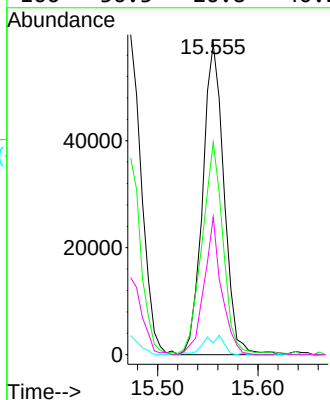
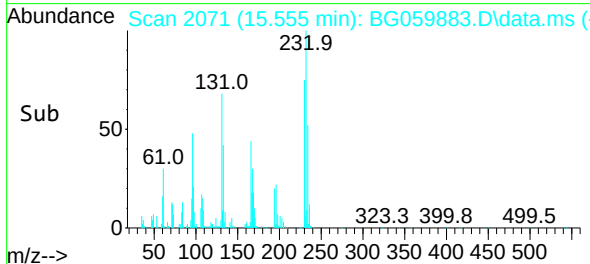


Tgt Ion:232 Resp: 85938
Ion Ratio Lower Upper
232 100
131 66.0 50.2 75.2
130 5.8 4.3 6.5
166 36.3 26.8 40.2

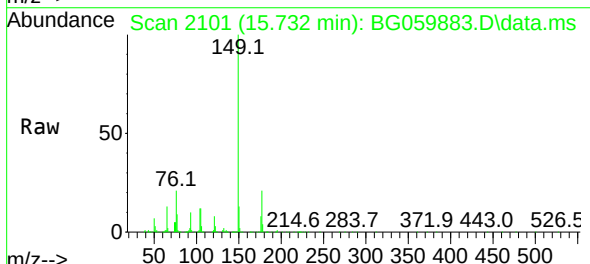
Manual Integrations

APPROVED

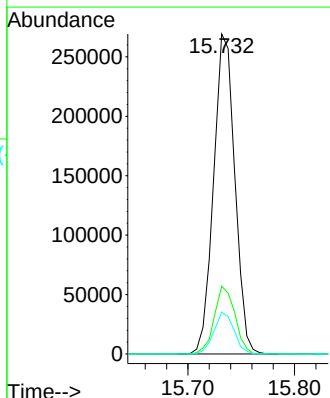
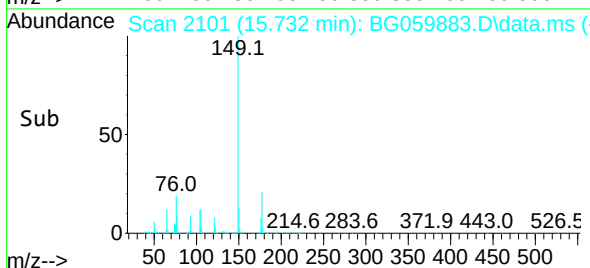
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

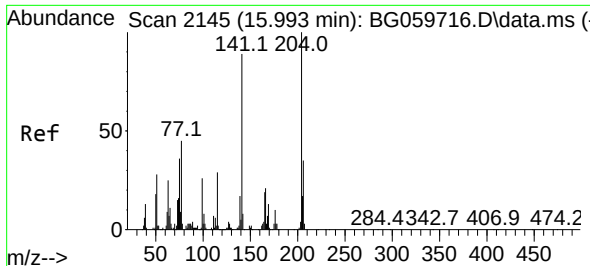


#60
Diethylphthalate
Concen: 46.989 ng
RT: 15.732 min Scan# 2101
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:149 Resp: 371863
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 13.0 10.7 16.1





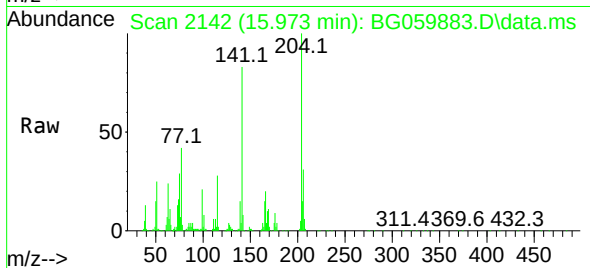
#61
4-Chlorophenyl-phenylether
Concen: 47.781 ng
RT: 15.973 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS



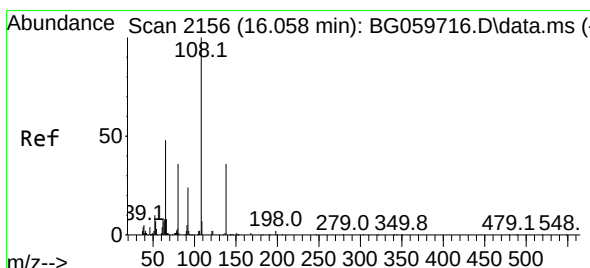
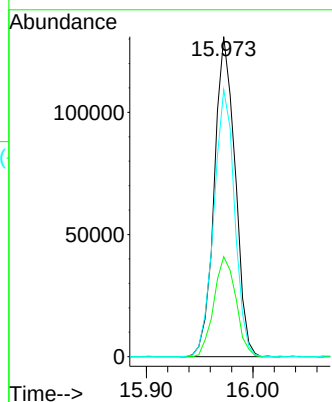
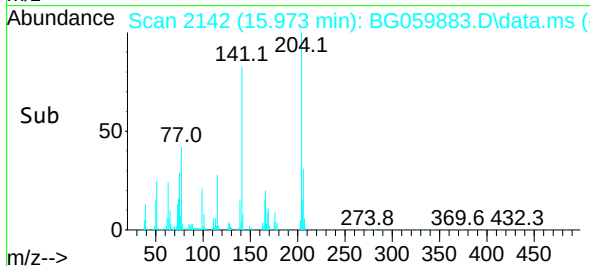
Tgt Ion:204 Resp: 177409
Ion Ratio Lower Upper
204 100
206 31.2 28.1 42.1
141 83.5 70.9 106.3

Manual Integrations

APPROVED

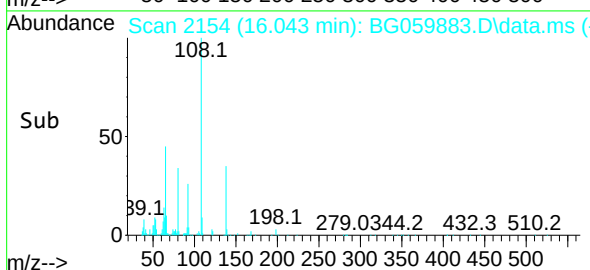
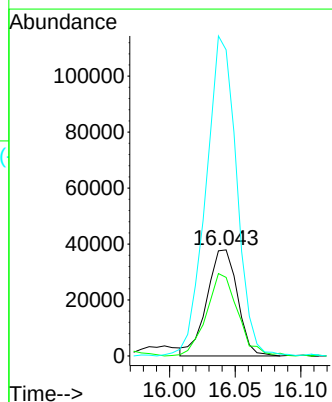
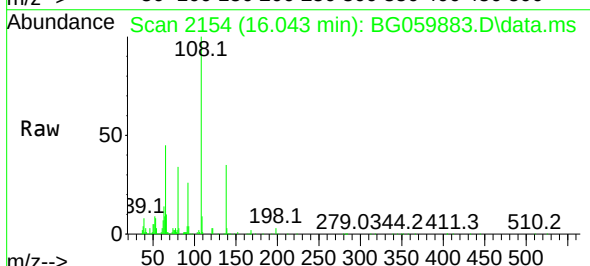
Reviewed By :Yogesh Patel 11/28/2023

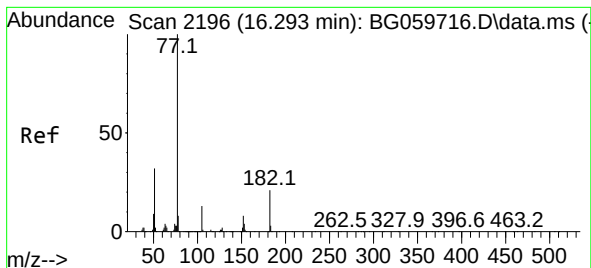
Supervised By :mohammad ahmed 11/28/2023



#62
4-Nitroaniline
Concen: 37.471 ng
RT: 16.043 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:138 Resp: 61533
Ion Ratio Lower Upper
138 100
92 74.1 45.8 85.8
108 288.6 256.3 296.3





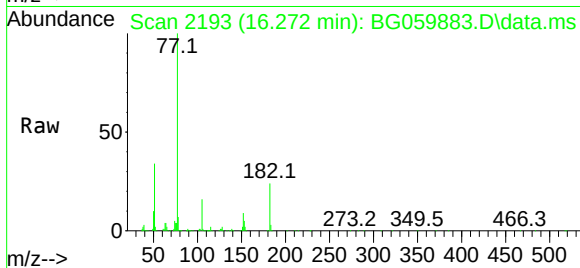
#63
Azobenzene
Concen: 42.381 ng
RT: 16.272 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS



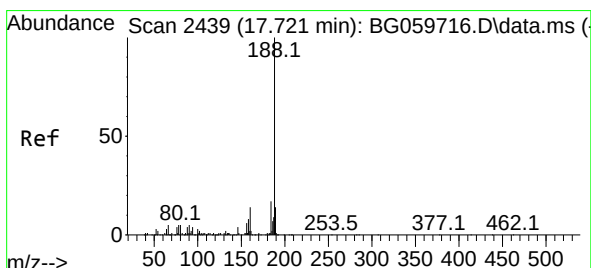
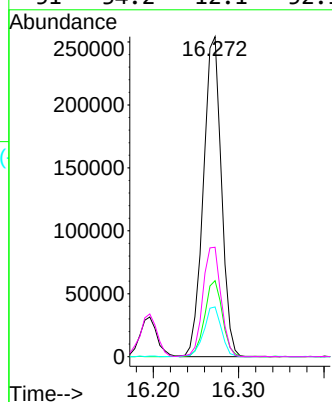
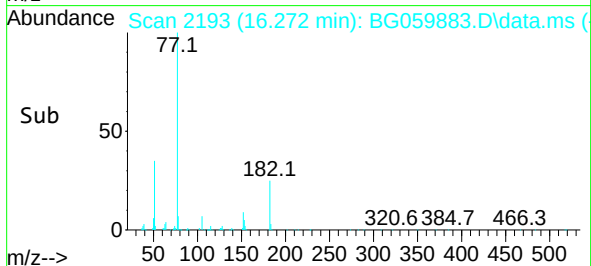
Tgt Ion: 77 Resp: 37272
Ion Ratio Lower Upper
77 100
182 23.7 1.1 41.1
105 15.6 0.0 33.0
51 34.2 12.1 52.1

Manual Integrations

APPROVED

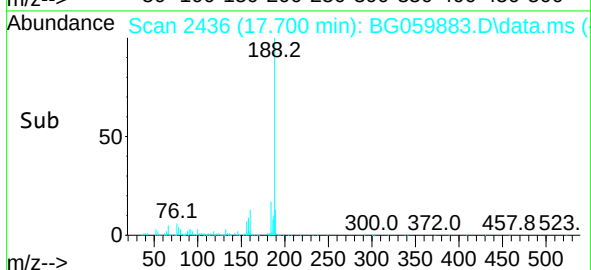
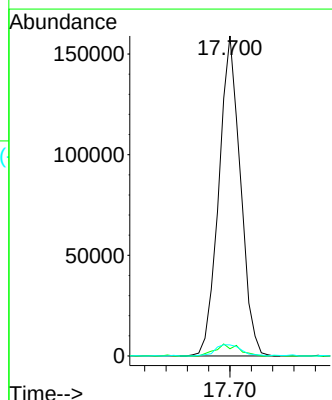
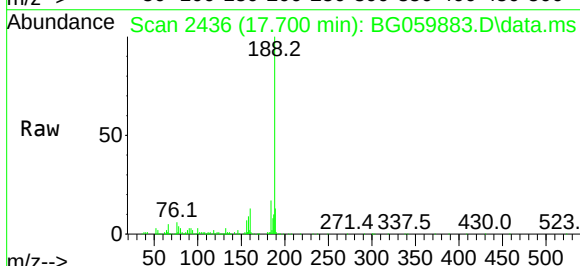
Reviewed By :Yogesh Patel 11/28/2023

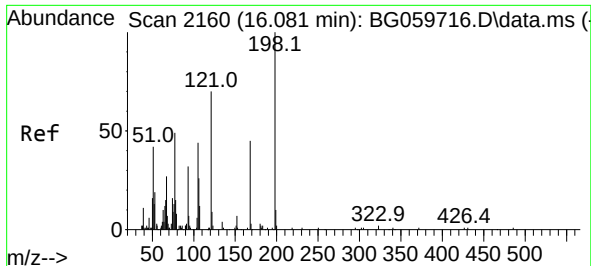
Supervised By :mohammad ahmed 11/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:188 Resp: 223054
Ion Ratio Lower Upper
188 100
94 2.2 3.0 4.4#
80 3.5 4.2 6.4#





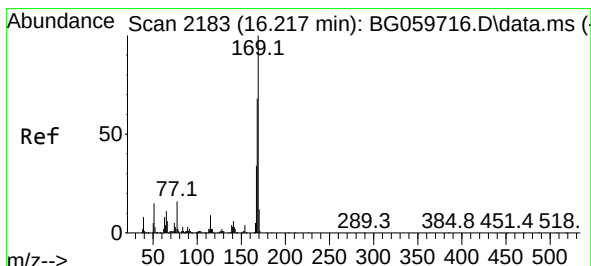
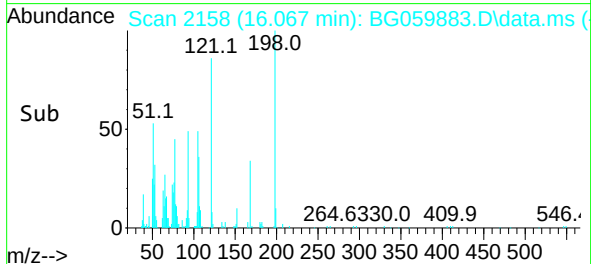
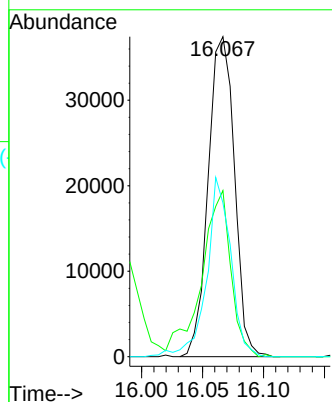
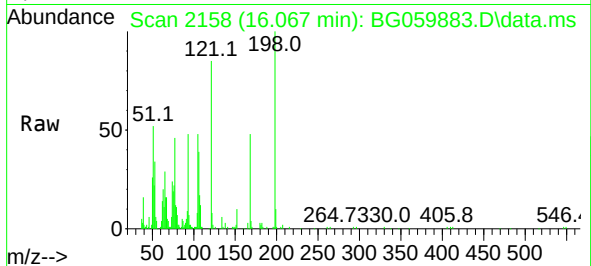
#65
4,6-Dinitro-2-methylphenol
Concen: 41.149 ng
RT: 16.067 min Scan# 2160
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion:198 Resp: 56092
Ion Ratio Lower Upper
198 100
51 51.9 23.0 63.0
105 48.1 24.0 64.0

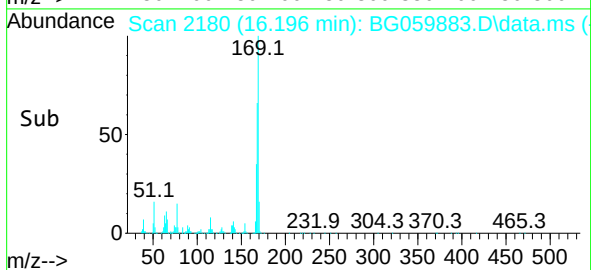
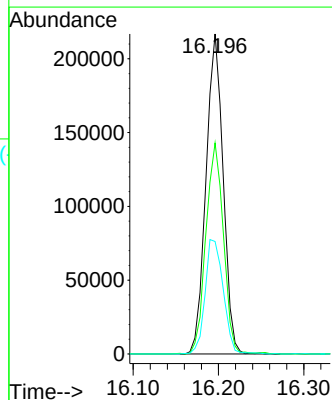
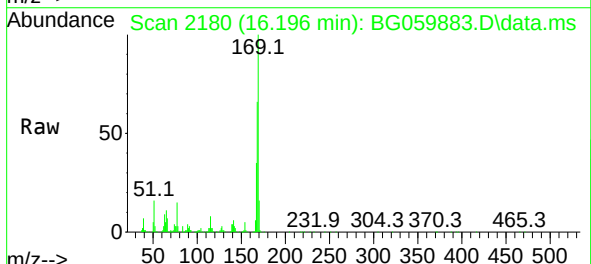
Manual Integrations
APPROVED

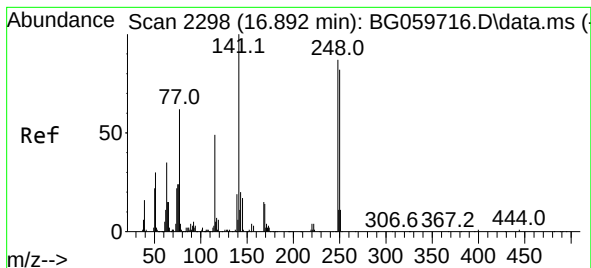
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 46.413 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:169 Resp: 302421
Ion Ratio Lower Upper
169 100
168 66.0 54.5 81.7
167 35.2 27.8 41.6





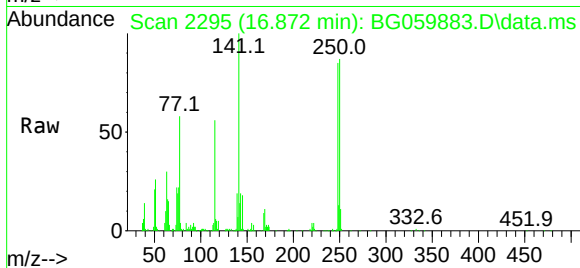
#67
4-Bromophenyl-phenylether
Concen: 49.350 ng
RT: 16.872 min Scan# 211
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

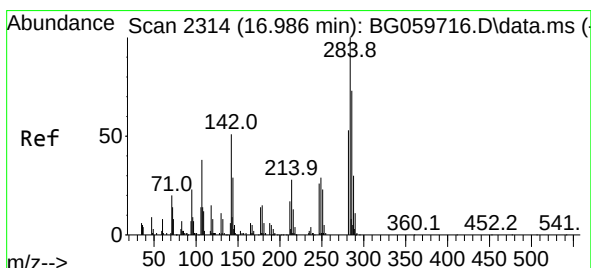
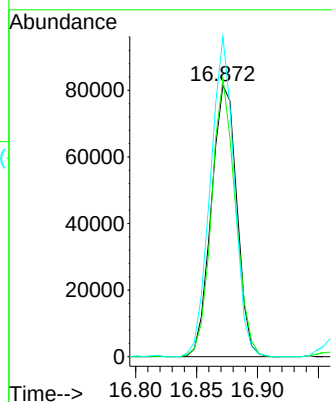
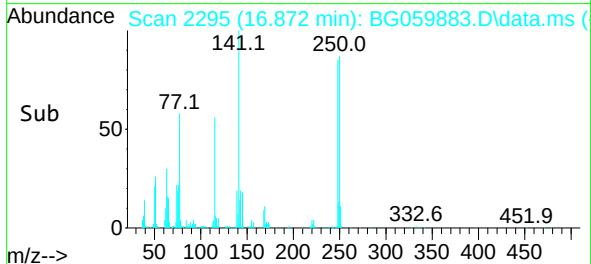


Tgt Ion:248 Resp: 11825
Ion Ratio Lower Upper
248 100
250 102.5 75.2 112.8
141 118.0 91.5 137.3

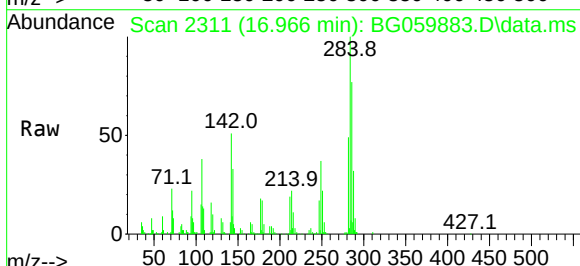
Manual Integrations

APPROVED

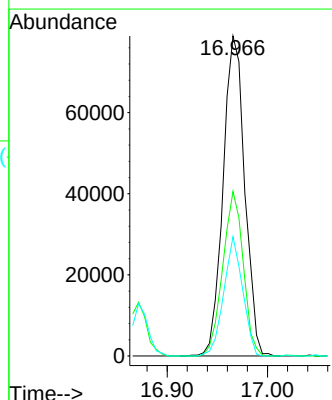
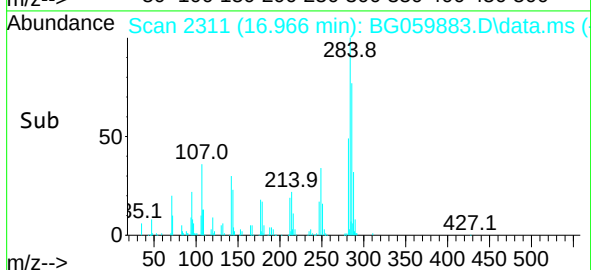
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

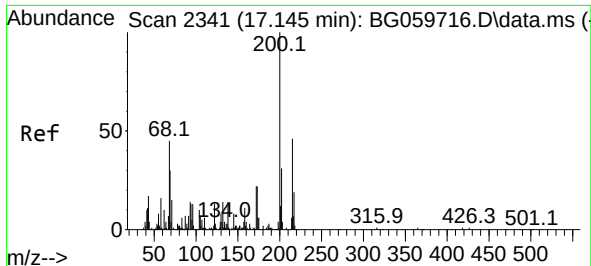


#68
Hexachlorobenzene
Concen: 52.696 ng
RT: 16.966 min Scan# 2311
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



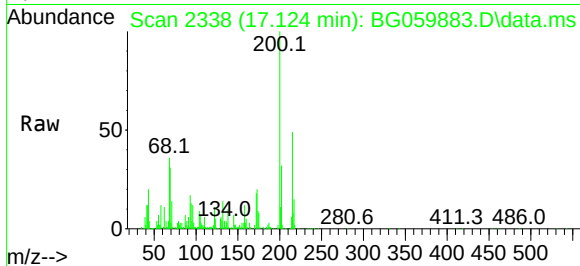
Tgt Ion:284 Resp: 117856
Ion Ratio Lower Upper
284 100
142 51.4 41.0 61.6
249 37.2 24.2 36.4#





#69
Atrazine
Concen: 59.124 ng
RT: 17.124 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

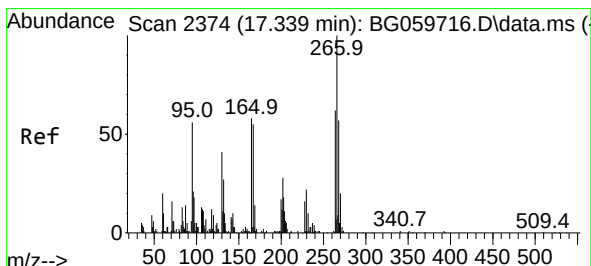
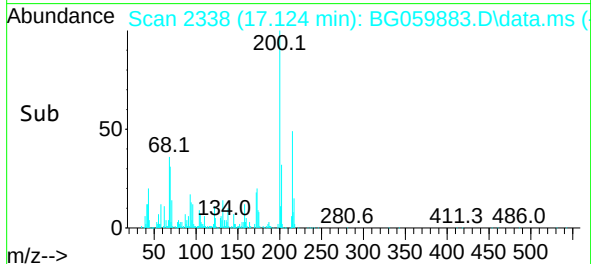
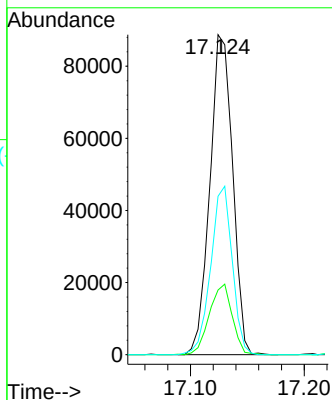
Instrument :
BNA_G
ClientSampleId :
PB157208BS



Tgt Ion:200 Resp: 123514
Ion Ratio Lower Upper
200 100
173 20.2 2.3 42.3
215 49.5 25.6 65.6

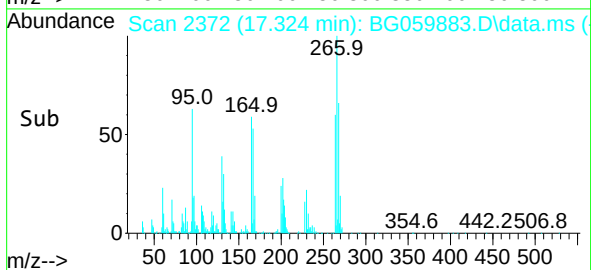
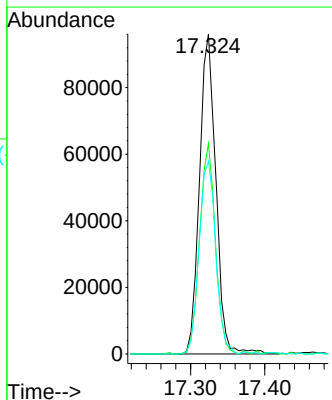
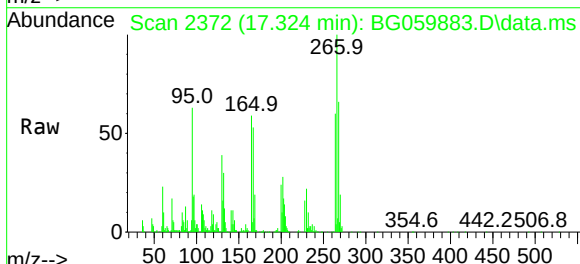
Manual Integrations
APPROVED

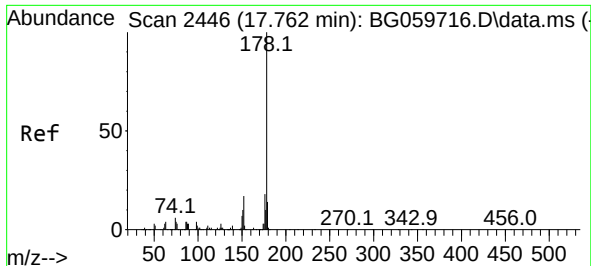
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#70
Pentachlorophenol
Concen: 86.358 ng
RT: 17.324 min Scan# 2372
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:266 Resp: 147351
Ion Ratio Lower Upper
266 100
268 65.7 45.7 68.5
264 60.2 49.8 74.8





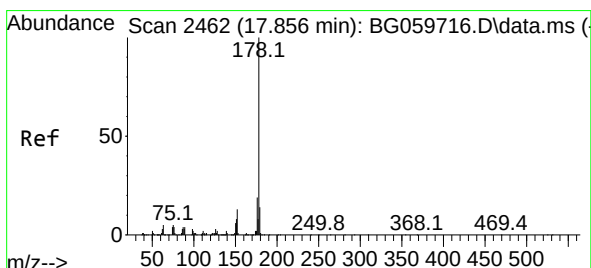
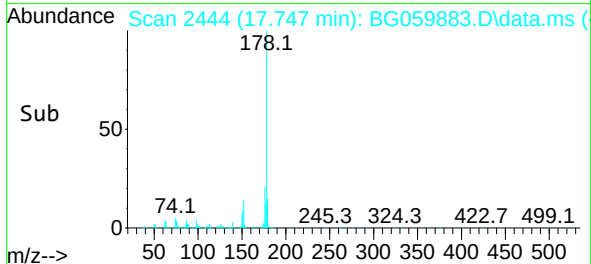
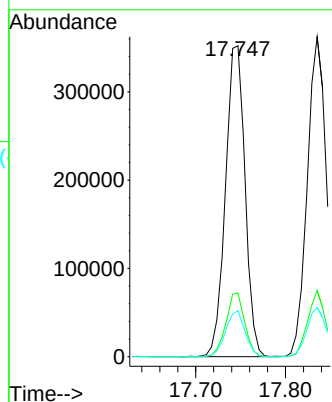
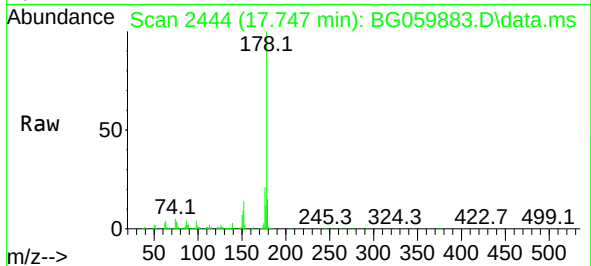
#71
Phenanthrene
Concen: 46.965 ng
RT: 17.747 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Instrument :
BNA_G
ClientSampleId :
PB157208BS

Tgt Ion:178 Resp: 53261
Ion Ratio Lower Upper
178 100
176 20.5 14.5 21.7
179 14.8 11.2 16.8

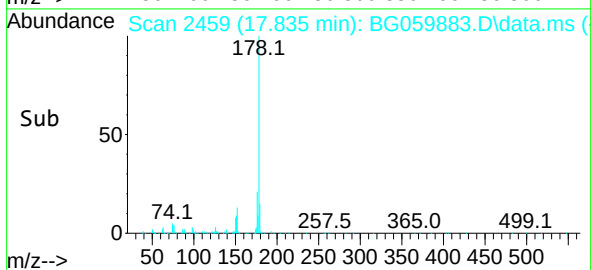
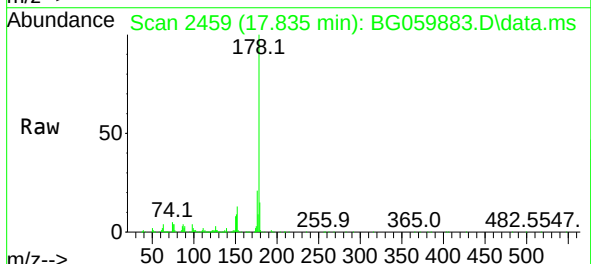
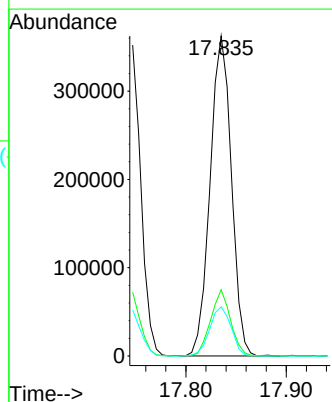
Manual Integrations
APPROVED

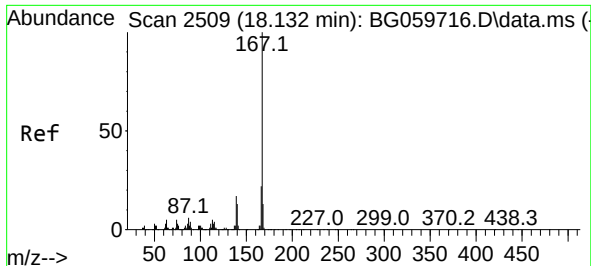
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#72
Anthracene
Concen: 45.329 ng
RT: 17.835 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:178 Resp: 534118
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.4
179 15.3 11.5 17.3





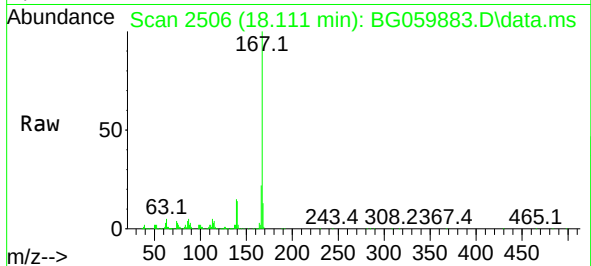
#73
 Carbazole
 Concen: 43.991 ng
 RT: 18.111 min Scan# 2506
 Delta R.T. -0.009 min
 Lab File: BG059883.D
 Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS



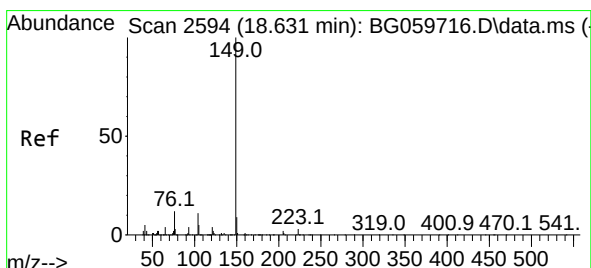
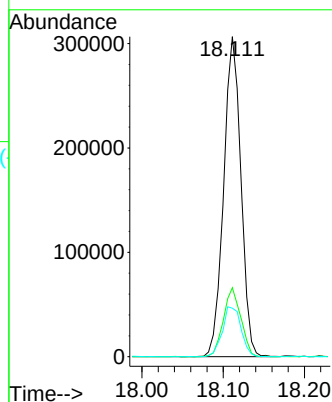
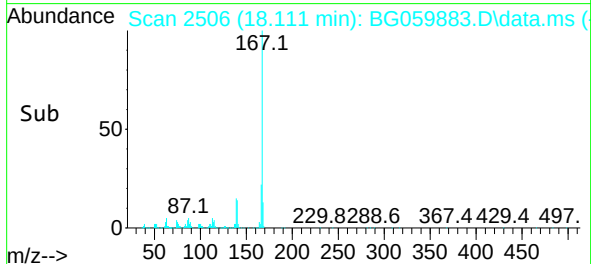
Tgt Ion:167 Resp: 452830
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 15.1 13.2 19.8

Manual Integrations

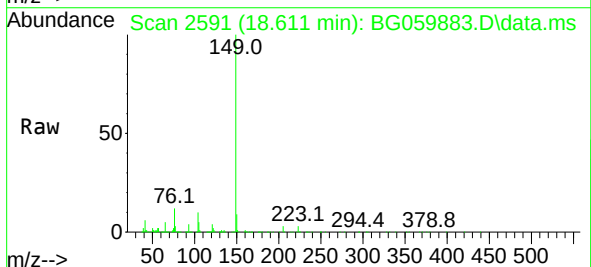
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

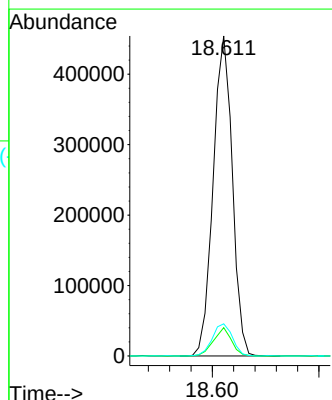
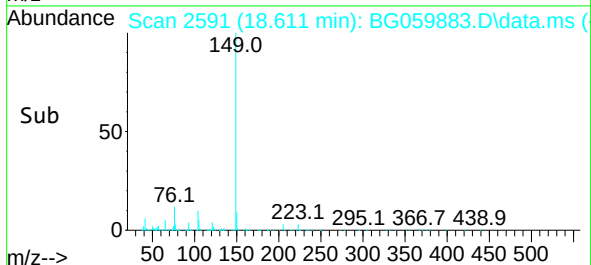
Supervised By :mohammad ahmed 11/28/2023

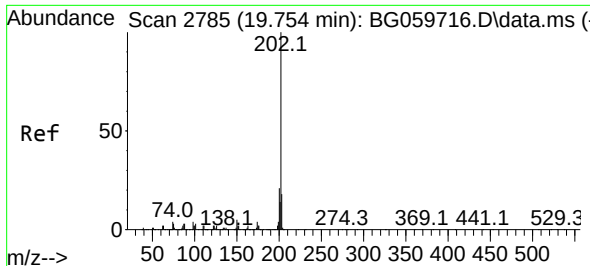


#74
 Di-n-butylphthalate
 Concen: 45.413 ng
 RT: 18.611 min Scan# 2591
 Delta R.T. -0.004 min
 Lab File: BG059883.D
 Acq: 25 Nov 2023 9:14



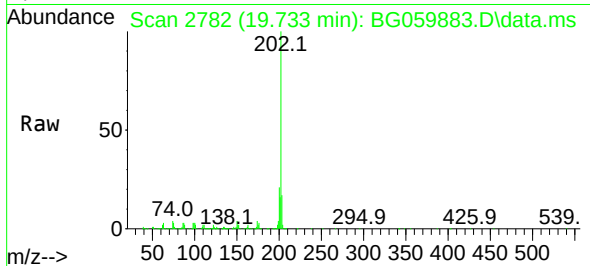
Tgt Ion:149 Resp: 565066
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 10.1 8.6 12.8





#75
Fluoranthene
Concen: 41.007 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

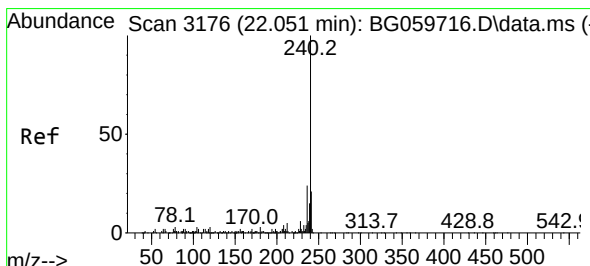
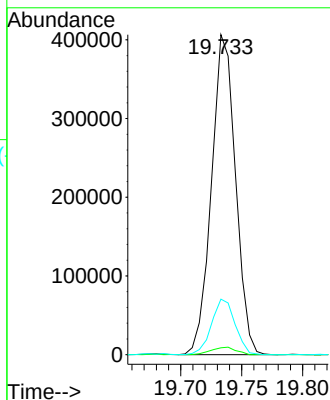
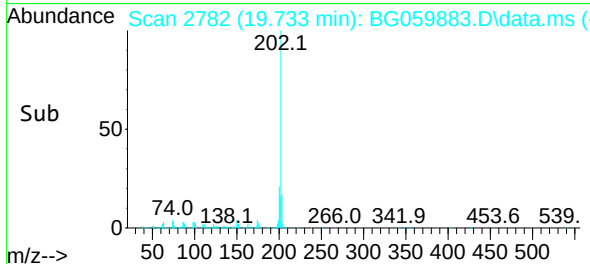
Instrument :
BNA_G
ClientSampleId :
PB157208BS



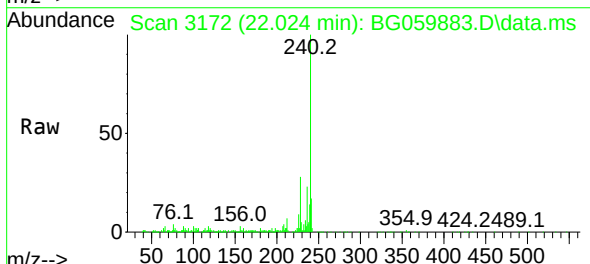
Tgt Ion:202 Resp: 557694
Ion Ratio Lower Upper
202 100
101 2.2 0.0 22.7
203 17.4 0.0 38.2

Manual Integrations
APPROVED

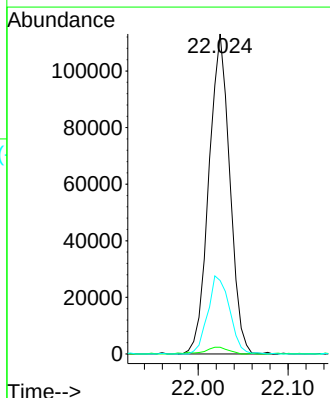
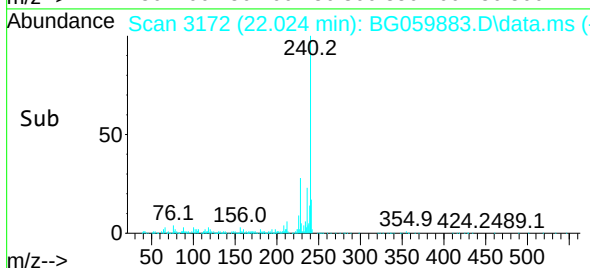
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

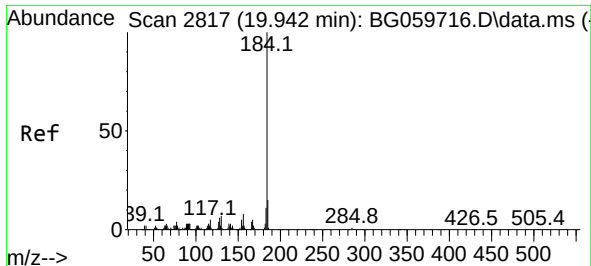


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3172
Delta R.T. -0.010 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



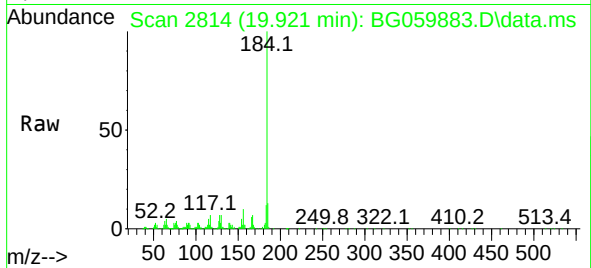
Tgt Ion:240 Resp: 182632
Ion Ratio Lower Upper
240 100
120 2.6 2.2 3.2
236 22.9 19.4 29.2





#77
Benzidine
Concen: 51.031 ng
RT: 19.921 min Scan# 21133
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

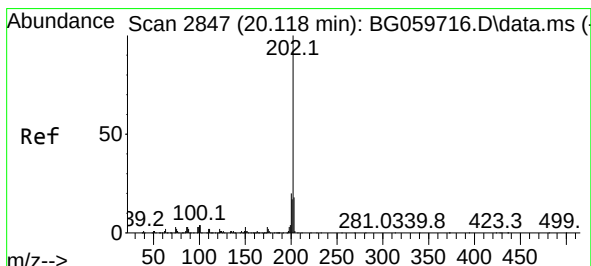
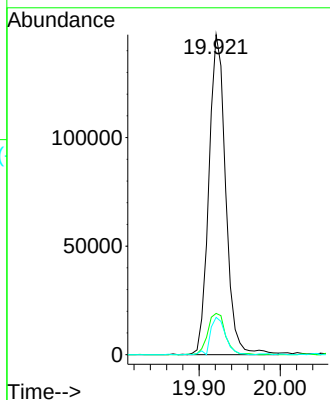
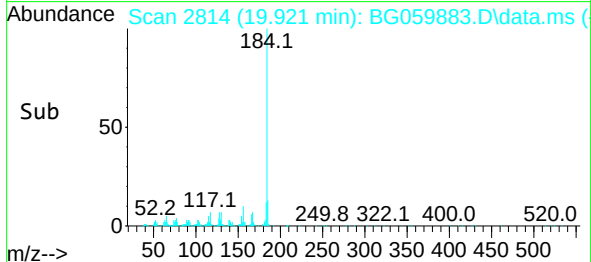
Instrument :
BNA_G
ClientSampleId :
PB157208BS



Tgt Ion:184 Resp: 21133
Ion Ratio Lower Upper
184 100
185 12.9 12.2 18.2
183 11.7 8.8 13.2

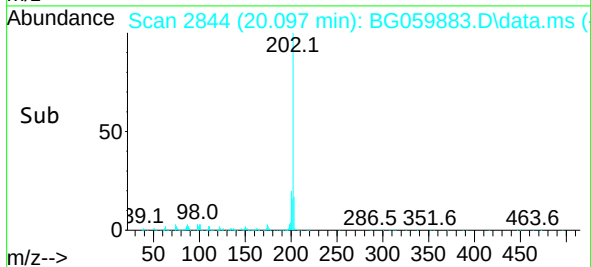
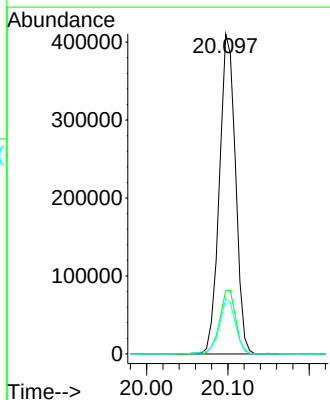
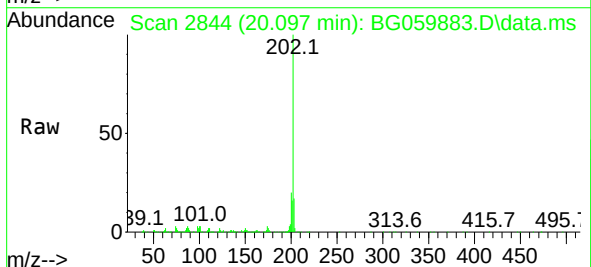
Manual Integrations
APPROVED

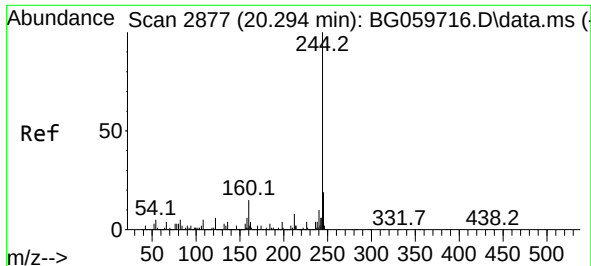
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#78
Pyrene
Concen: 45.589 ng
RT: 20.097 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

Tgt Ion:202 Resp: 566500
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.4
203 17.2 14.0 21.0





#79
 Terphenyl-d14
 Concen: 86.307 ng
 RT: 20.273 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG059883.D
 Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

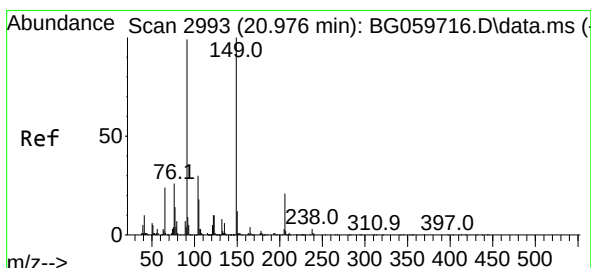
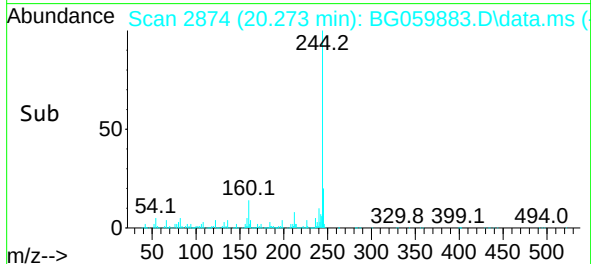
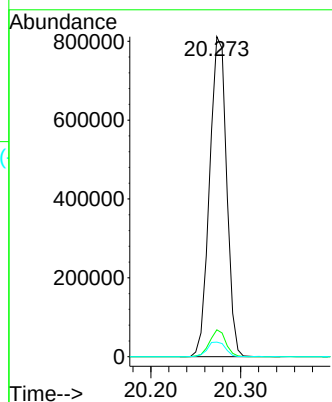
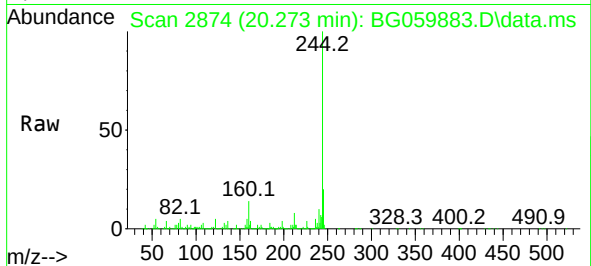
ClientSampleId :

PB157208BS

Tgt Ion:244 Resp: 106774
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 4.5 4.4 6.6

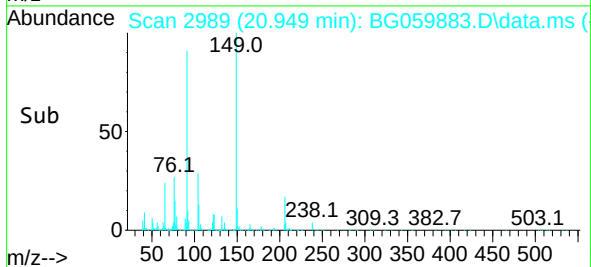
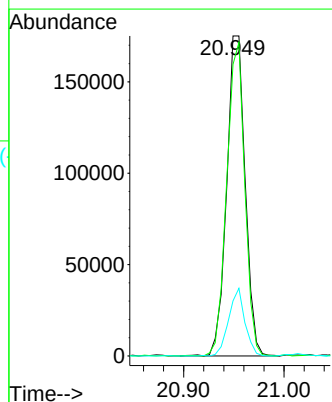
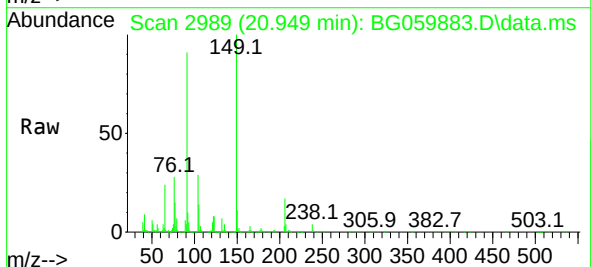
Manual Integrations
 APPROVED

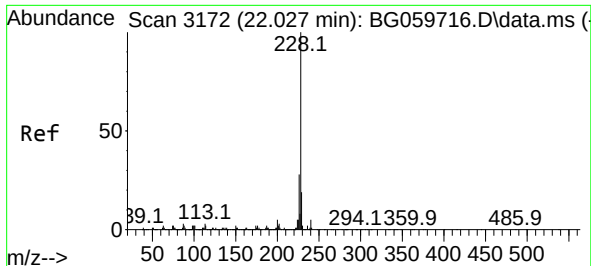
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#80
 Butylbenzylphthalate
 Concen: 44.022 ng
 RT: 20.949 min Scan# 2989
 Delta R.T. -0.010 min
 Lab File: BG059883.D
 Acq: 25 Nov 2023 9:14

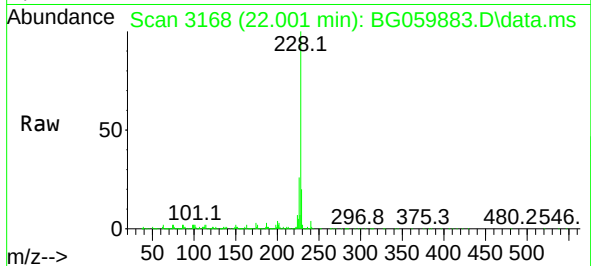
Tgt Ion:149 Resp: 224307
 Ion Ratio Lower Upper
 149 100
 91 91.1 79.6 119.4
 206 17.2 16.9 25.3





#81
Benzo(a)anthracene
Concen: 44.009 ng
RT: 22.001 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

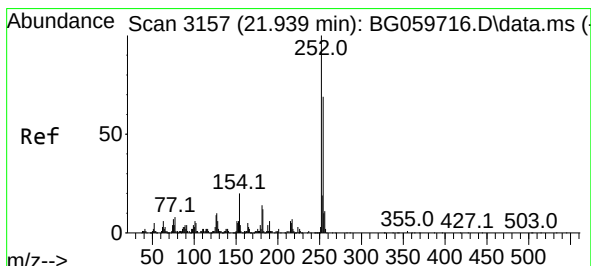
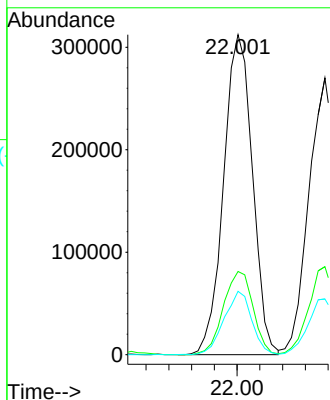
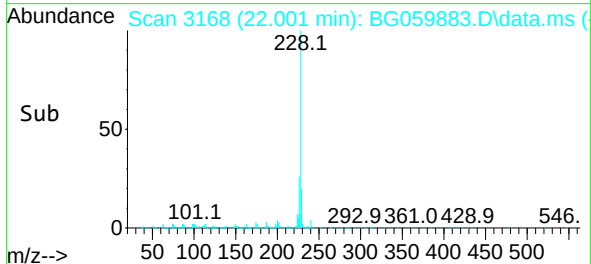
Instrument :
BNA_G
ClientSampleId :
PB157208BS



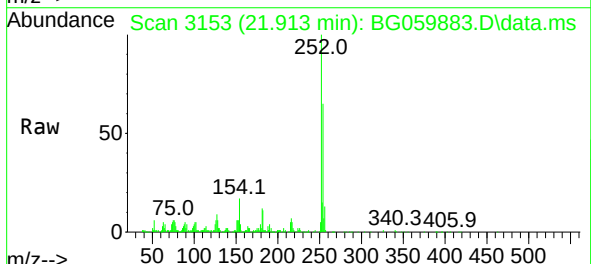
Tgt Ion:228 Resp: 54994
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 19.8 14.9 22.3

Manual Integrations
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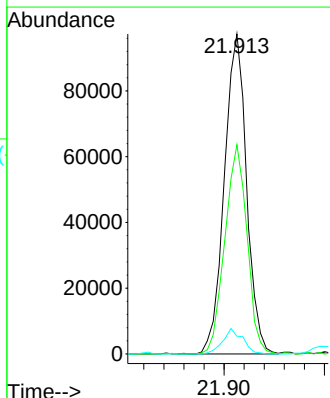
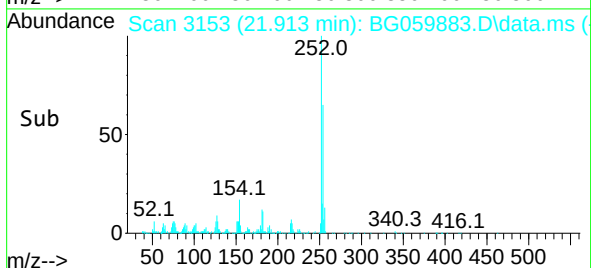
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

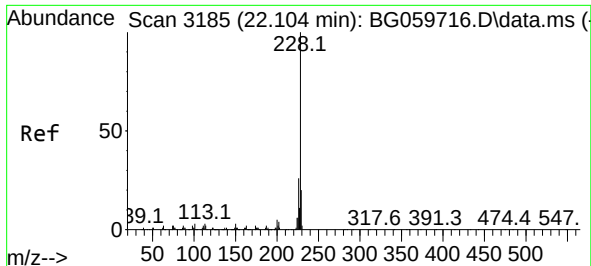


#82
3,3'-Dichlorobenzidine
Concen: 32.144 ng
RT: 21.913 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



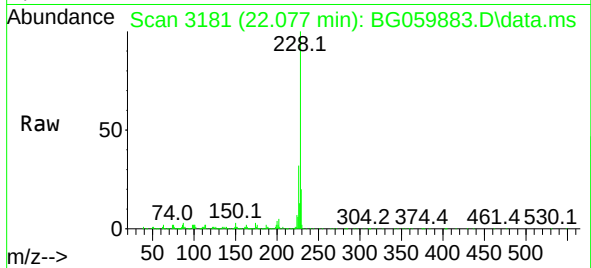
Tgt Ion:252 Resp: 149646
Ion Ratio Lower Upper
252 100
254 65.4 55.2 82.8
126 5.6 7.0 10.6





#83
Chrysene
Concen: 39.474 ng m
RT: 22.077 min Scan# 3185
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

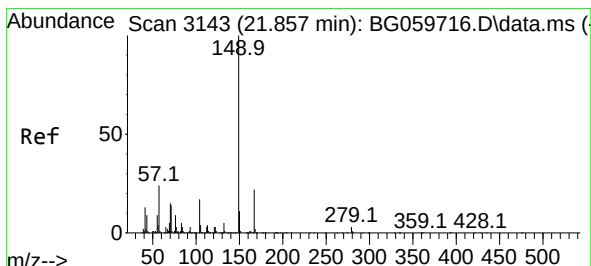
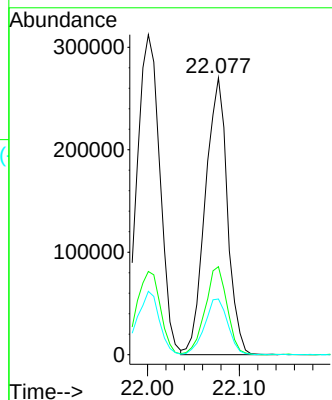
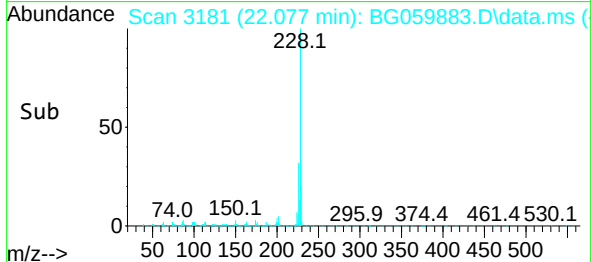
Instrument :
BNA_G
ClientSampleId :
PB157208BS



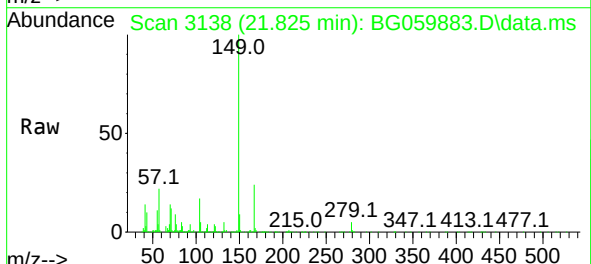
Tgt Ion:228 Resp: 452178
Ion Ratio Lower Upper
228 100
226 31.8 21.1 31.7
229 20.1 16.2 24.4

Manual Integrations
APPROVED

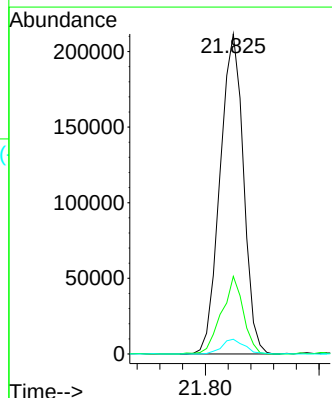
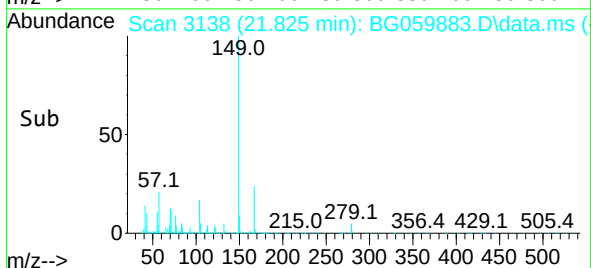
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

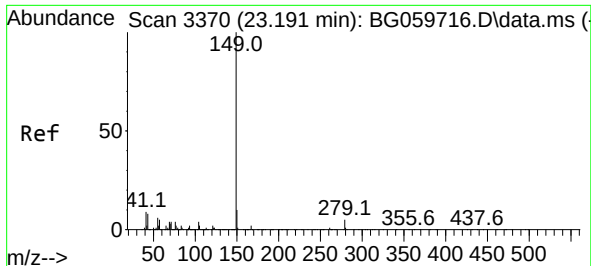


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.472 ng
RT: 21.825 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



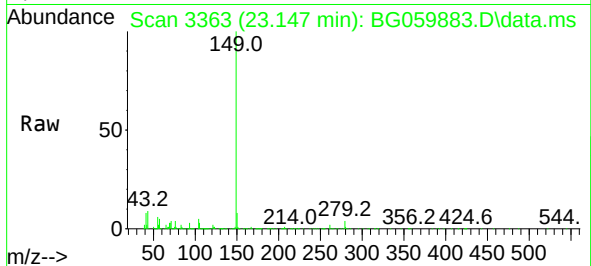
Tgt Ion:149 Resp: 302520
Ion Ratio Lower Upper
149 100
167 24.3 17.6 26.4
279 4.6 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 36.307 ng
RT: 23.147 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14

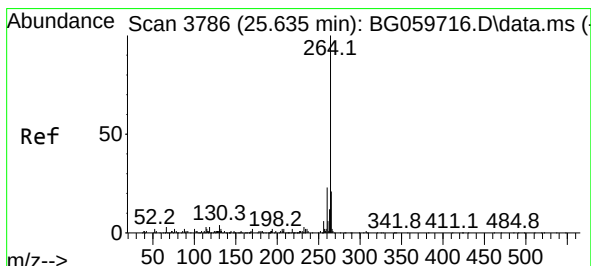
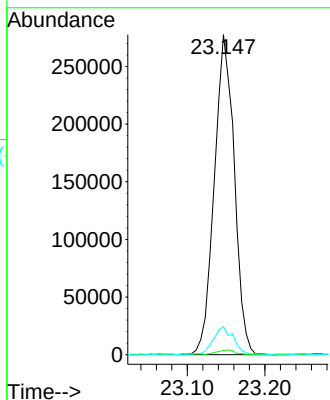
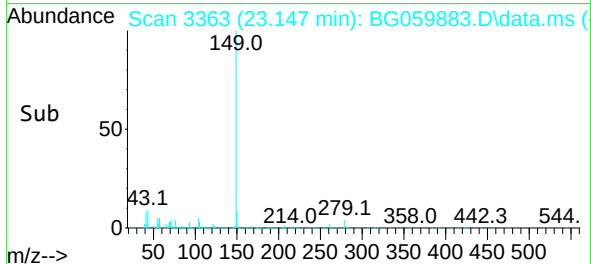
Instrument :
BNA_G
ClientSampleId :
PB157208BS



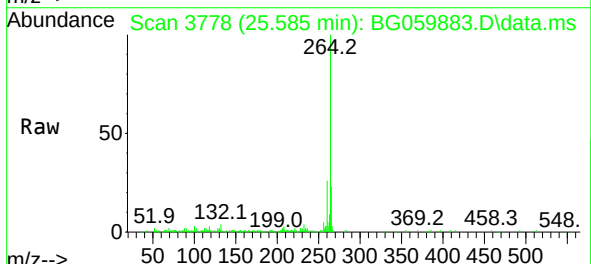
Tgt Ion:149 Resp: 49785
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 9.0 6.3 9.5

Manual Integrations
APPROVED

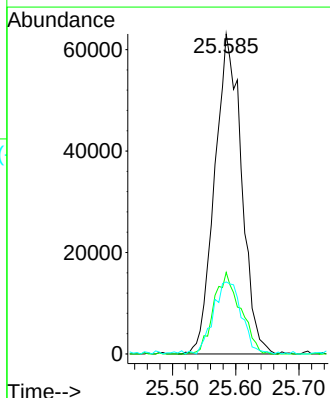
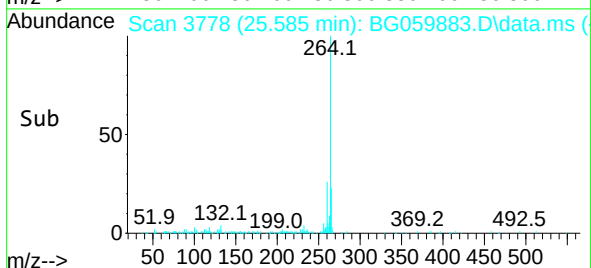
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

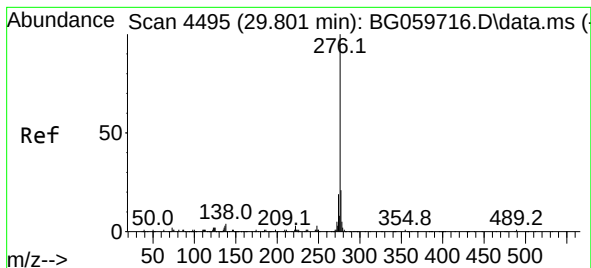


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.585 min Scan# 3778
Delta R.T. -0.027 min
Lab File: BG059883.D
Acq: 25 Nov 2023 9:14



Tgt Ion:264 Resp: 185729
Ion Ratio Lower Upper
264 100
260 25.5 18.5 27.7
265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.753 ng

RT: 29.727 min Scan# 44

Delta R.T. -0.033 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

Tgt Ion:276 Resp: 657039

Ion Ratio Lower Upper

276 100

138 1.1 1.8 2.6

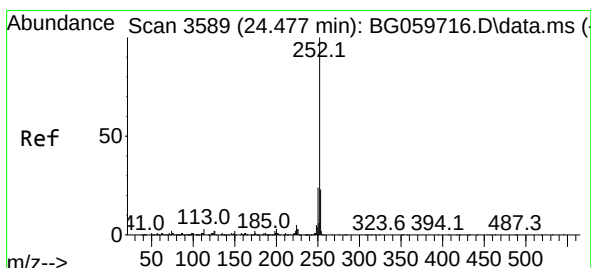
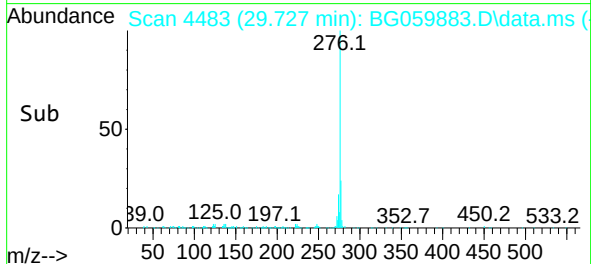
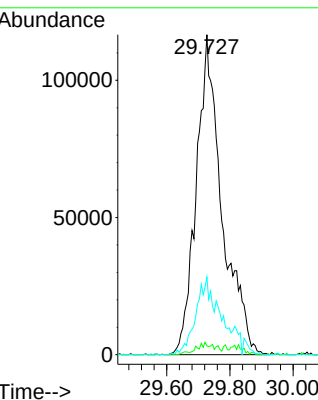
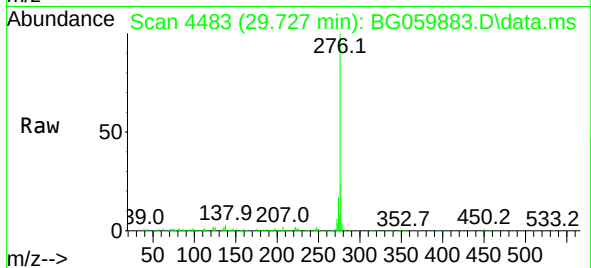
277 15.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#88

Benzo(b)fluoranthene

Concen: 52.369 ng

RT: 24.439 min Scan# 3583

Delta R.T. -0.009 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

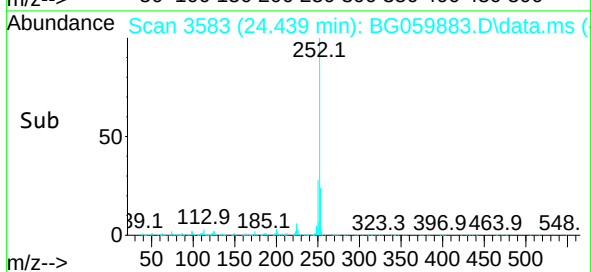
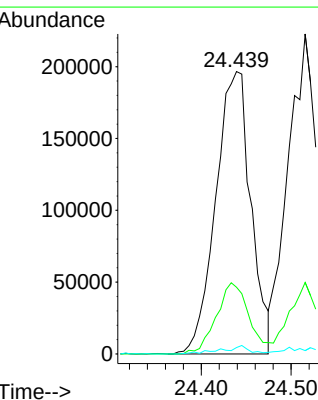
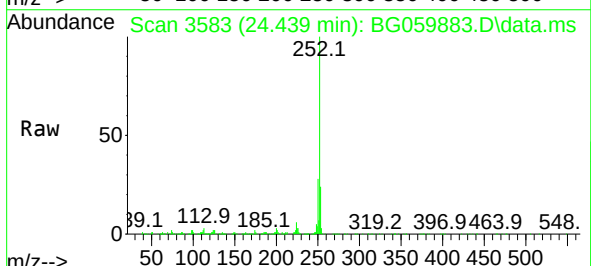
Tgt Ion:252 Resp: 533097

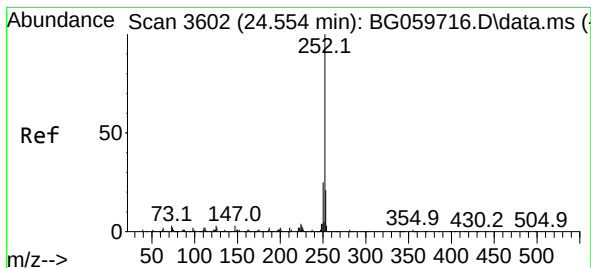
Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

125 2.2 1.4 2.0





#89

Benzo(k)fluoranthene

Concen: 52.114 ng m

RT: 24.516 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

Tgt Ion:252 Resp: 524469

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

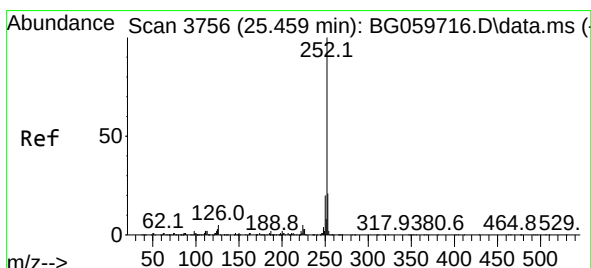
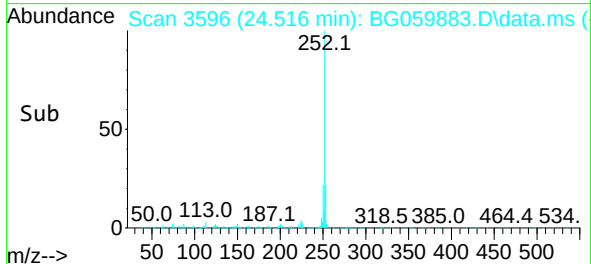
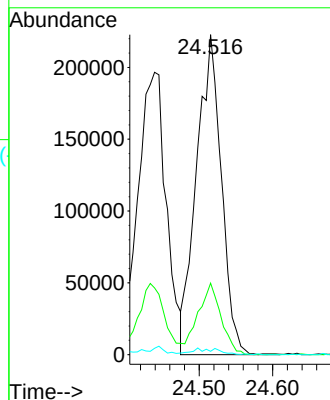
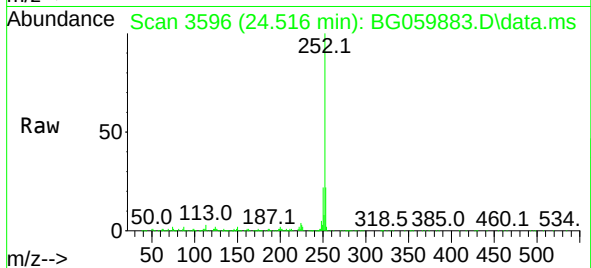
125 1.1 2.2 3.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#90

Benzo(a)pyrene

Concen: 44.717 ng

RT: 25.420 min Scan# 3750

Delta R.T. -0.021 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

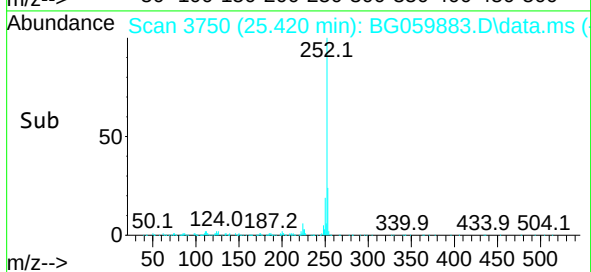
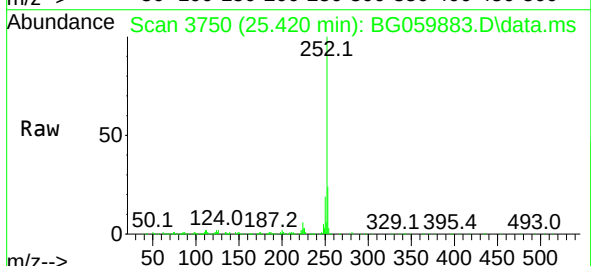
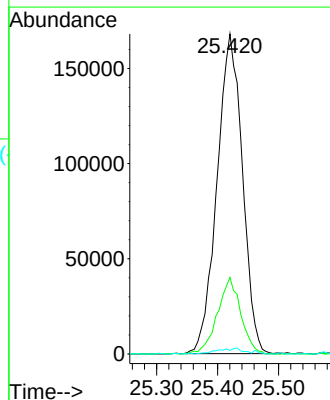
Tgt Ion:252 Resp: 485817

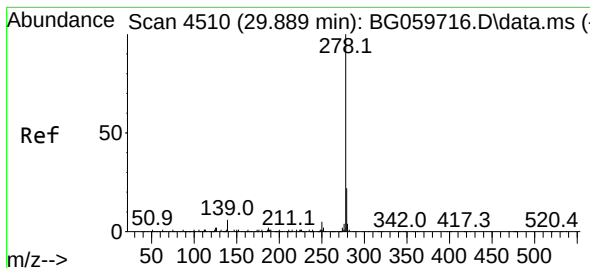
Ion Ratio Lower Upper

252 100

253 23.9 16.8 25.2

125 1.1 2.0 3.0#





#91

Dibenzo(a,h)anthracene

Concen: 46.960 ng

RT: 29.809 min Scan# 44

Delta R.T. -0.039 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB157208BS

Tgt Ion:278 Resp: 55835

Ion Ratio Lower Upper

278 100

139 2.5 4.6 7.0

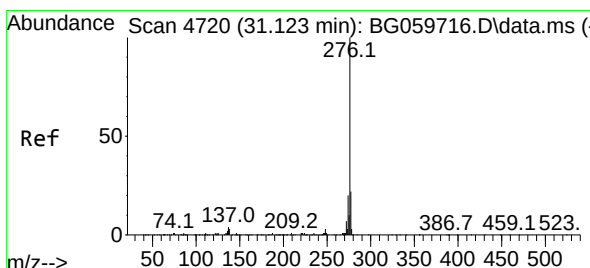
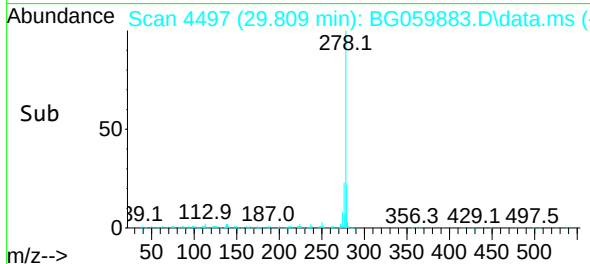
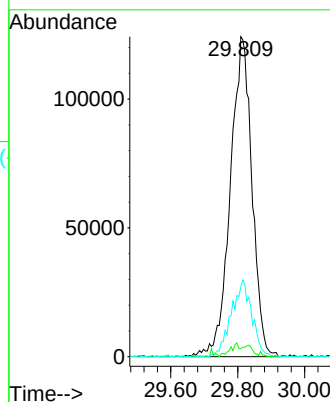
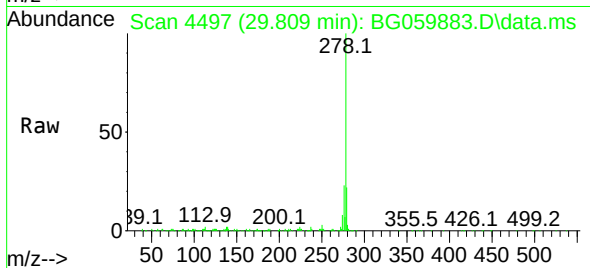
279 21.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 44.136 ng

RT: 31.049 min Scan# 4708

Delta R.T. -0.045 min

Lab File: BG059883.D

Acq: 25 Nov 2023 9:14

Tgt Ion:276 Resp: 497932

Ion Ratio Lower Upper

276 100

277 22.8 17.3 25.9

138 3.4 2.6 4.0

