

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058743.D
 Acq On : 16 Aug 2023 11:20
 Operator : MA/JU
 Sample : PB154832BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154832BS

Quant Time: Aug 16 11:54:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	30921	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	132799	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	100799	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	256325	20.000	ng	0.00
76) Chrysene-d12	21.452	240	215675	20.000	ng	0.00
86) Perylene-d12	24.519	264	268838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	264399	130.695	ng	0.00
7) Phenol-d6	6.986	99	361306	128.350	ng	0.00
23) Nitrobenzene-d5	8.978	82	222162	82.183	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	194045	117.449	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	521379	77.514	ng	0.00
79) Terphenyl-d14	19.824	244	989804	86.304	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	30848	31.468	ng	91
3) Pyridine	3.661	79	78759	29.469	ng	# 85
4) n-Nitrosodimethylamine	3.579	42	52180	46.079	ng	# 78
6) Aniline	7.133	93	98608	28.452	ng	94
8) 2-Chlorophenol	7.374	128	98000	49.379	ng	96
9) Benzaldehyde	6.951	77	37529	24.539	ng	99
10) Phenol	7.010	94	133207	48.442	ng	94
11) bis(2-Chloroethyl)ether	7.233	93	88699	40.916	ng	91
12) 1,3-Dichlorobenzene	7.697	146	94303	44.499	ng	96
13) 1,4-Dichlorobenzene	7.844	146	94933	44.614	ng	94
14) 1,2-Dichlorobenzene	8.161	146	93205	45.814	ng	96
15) Benzyl Alcohol	8.050	79	95332	53.401	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.344	45	190742m	54.166	ng	
17) 2-Methylphenol	8.261	107	90844	45.182	ng	98
18) Hexachloroethane	8.884	117	34785	44.975	ng	97
19) n-Nitroso-di-n-propyla...	8.614	70	80044	44.022	ng	94
20) 3+4-Methylphenols	8.590	107	124946	45.942	ng	97
22) Acetophenone	8.637	105	153716	43.229	ng	# 96
24) Nitrobenzene	9.019	77	116742	42.479	ng	99
25) Isophorone	9.536	82	231110	41.377	ng	99
26) 2-Nitrophenol	9.730	139	53302	44.556	ng	95
27) 2,4-Dimethylphenol	9.789	122	88822	44.762	ng	95
28) bis(2-Chloroethoxy)met...	10.018	93	128537	42.287	ng	99
29) 2,4-Dichlorophenol	10.265	162	98147	47.637	ng	97
30) 1,2,4-Trichlorobenzene	10.476	180	104647	44.042	ng	99
31) Naphthalene	10.658	128	296486	42.359	ng	99
32) Benzoic acid	9.965	122	52150	35.716	ng	95
33) 4-Chloroaniline	10.782	127	60671	20.516	ng	99
34) Hexachlorobutadiene	10.940	225	68266	44.613	ng	98
35) Caprolactam	11.563	113	35253m	46.335	ng	
36) 4-Chloro-3-methylphenol	11.910	107	120404	47.242	ng	99
37) 2-Methylnaphthalene	12.274	142	207198	41.384	ng	98
38) 1-Methylnaphthalene	12.497	142	200736	42.178	ng	98
40) 1,2,4,5-Tetrachloroben...	12.650	216	126377	40.838	ng	99
41) Hexachlorocyclopentadiene	12.621	237	106550	74.629	ng	99
43) 2,4,6-Trichlorophenol	12.891	196	89422	42.011	ng	94

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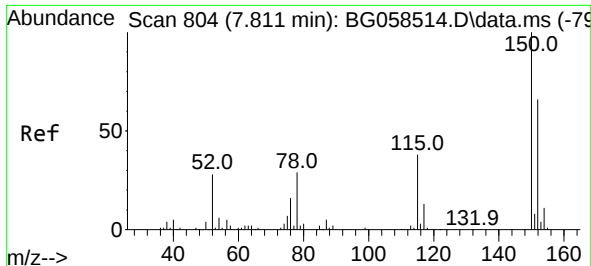
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	98230	39.181	ng	98
46) 1,1'-Biphenyl	13.291	154	278977	40.301	ng	97
47) 2-Chloronaphthalene	13.332	162	228083	42.258	ng	98
48) 2-Nitroaniline	13.543	65	90070	43.720	ng	97
49) Acenaphthylene	14.184	152	380649	42.123	ng	99
50) Dimethylphthalate	13.919	163	322380	42.585	ng	99
51) 2,6-Dinitrotoluene	14.043	165	72305	43.530	ng	99
52) Acenaphthene	14.525	154	214545	41.089	ng	98
53) 3-Nitroaniline	14.372	138	43527	26.192	ng	97
54) 2,4-Dinitrophenol	14.589	184	83188	88.014	ng	95
55) Dibenzofuran	14.859	168	371828	41.442	ng	99
56) 4-Nitrophenol	14.695	139	103837	84.142	ng	88
57) 2,4-Dinitrotoluene	14.836	165	106030	46.043	ng	99
58) Fluorene	15.506	166	303322	42.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	93587	43.746	ng	96
60) Diethylphthalate	15.277	149	338340	43.871	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	165478	41.643	ng	99
62) 4-Nitroaniline	15.541	138	72627	46.133	ng	92
63) Azobenzene	15.794	77	315903	41.587	ng	97
65) 4,6-Dinitro-2-methylph...	15.600	198	63312	44.796	ng	97
66) n-Nitrosodiphenylamine	15.717	169	275045	41.227	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	117327	40.356	ng	96
68) Hexachlorobenzene	16.510	284	131626	42.726	ng	97
69) Atrazine	16.669	200	116501	51.730	ng	98
70) Pentachlorophenol	16.863	266	126243	67.702	ng	99
71) Phenanthrene	17.251	178	512231	42.138	ng	100
72) Anthracene	17.339	178	521649	41.822	ng	99
73) Carbazole	17.615	167	483507	43.959	ng	99
74) Di-n-butylphthalate	18.161	149	605357	43.940	ng	99
75) Fluoranthene	19.266	202	632767	43.334	ng	96
77) Benzidine	19.448	184	223363	68.296	ng	98
78) Pyrene	19.624	202	634476	43.227	ng	99
80) Butylbenzylphthalate	20.512	149	269104	44.634	ng	98
81) Benzo(a)anthracene	21.428	228	647052	43.594	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	174574	34.787	ng	98
83) Chrysene	21.493	228	597540	41.989	ng	98
84) Bis(2-ethylhexyl)phtha...	21.328	149	384851	43.681	ng	98
85) Di-n-octyl phthalate	22.480	149	684468	44.188	ng	97
87) Indeno(1,2,3-cd)pyrene	28.032	276	801277	44.802	ng	98
88) Benzo(b)fluoranthene	23.543	252	684275	46.929	ng	100
89) Benzo(k)fluoranthene	23.614	252	653577	44.618	ng	99
90) Benzo(a)pyrene	24.378	252	607878	42.451	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	670365	45.331	ng	98
92) Benzo(g,h,i)perylene	29.125	276	642418	43.322	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

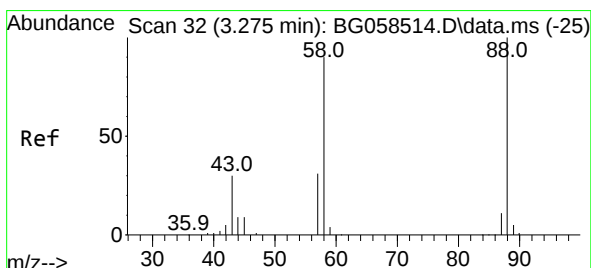
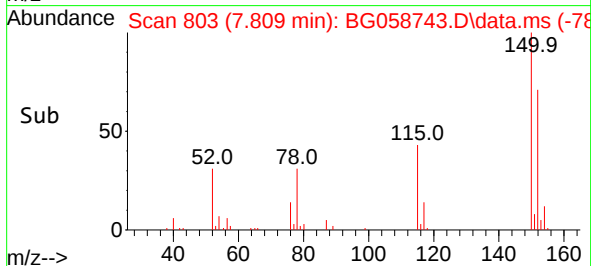
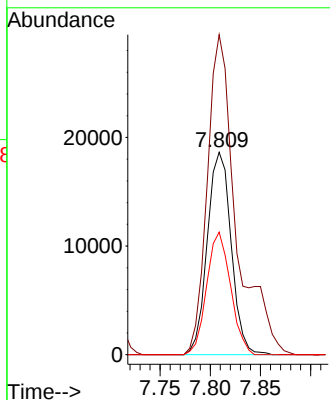
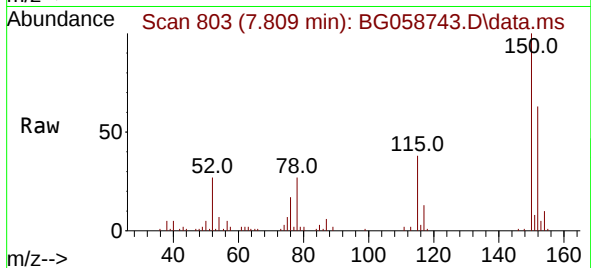
ClientSampleId :

PB154832BS

Tgt Ion:152 Resp: 3092
Ion Ratio Lower Upper
152 100
150 158.1 120.5 180.7
115 60.6 45.9 68.9

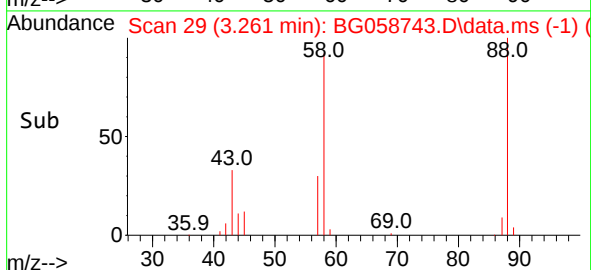
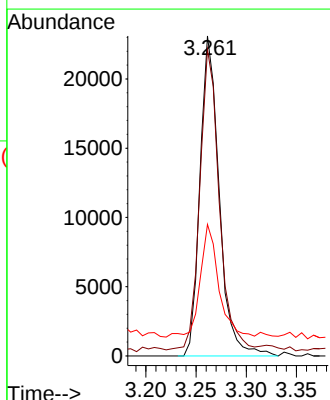
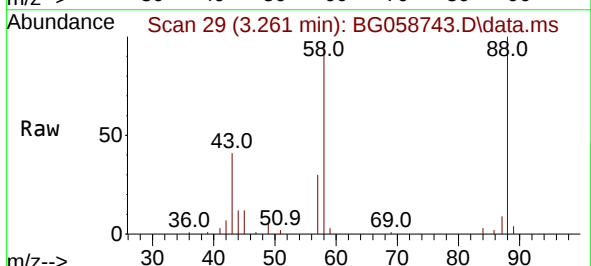
Manual Integrations
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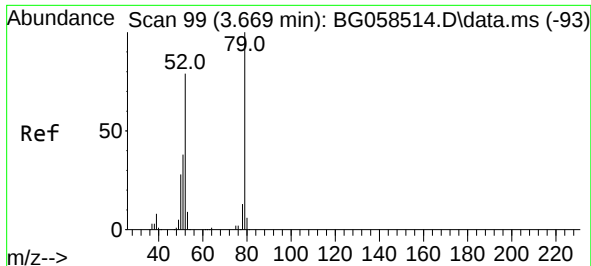
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#2
1,4-Dioxane
Concen: 31.468 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

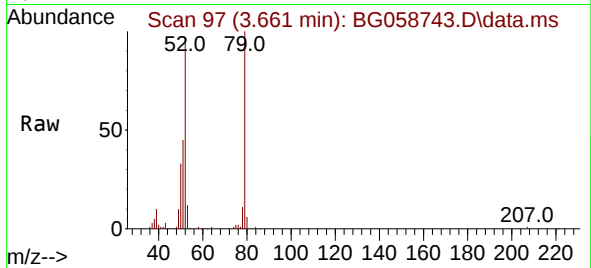
Tgt Ion: 88 Resp: 30848
Ion Ratio Lower Upper
88 100
58 94.4 68.9 103.3
43 34.0 22.9 34.3





#3
Pyridine
Concen: 29.469 ng
RT: 3.661 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

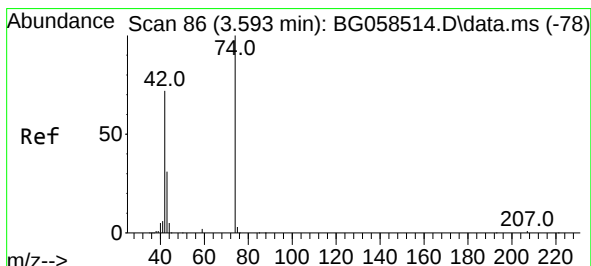
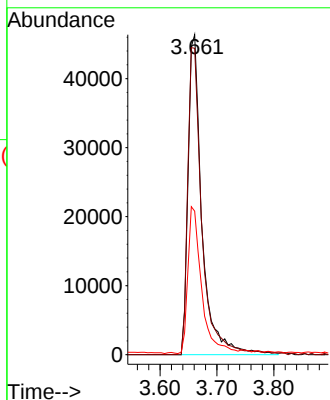
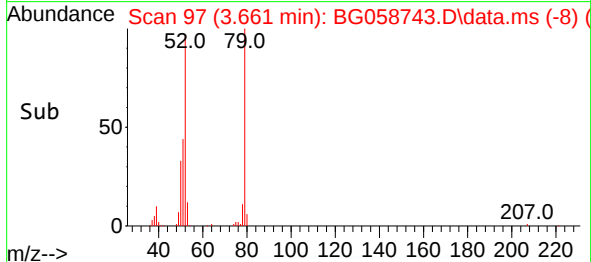
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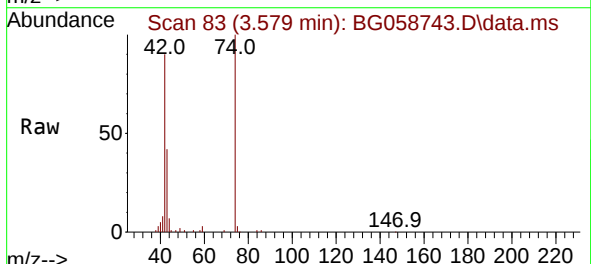
Tgt Ion: 79 Resp: 7875
Ion Ratio Lower Upper
79 100
52 95.8 63.2 94.8
51 44.9 31.9 47.9

Manual Integrations
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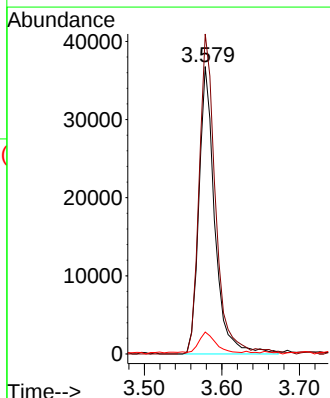
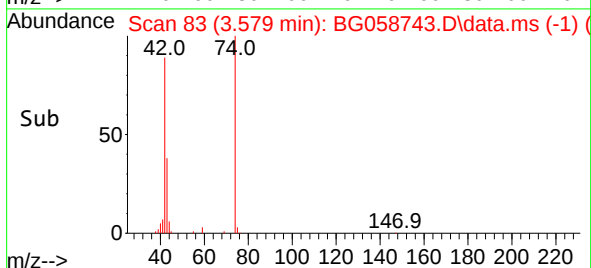
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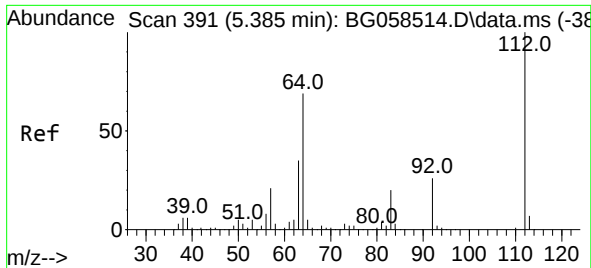


#4
n-Nitrosodimethylamine
Concen: 46.079 ng
RT: 3.579 min Scan# 83
Delta R.T. -0.014 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion: 42 Resp: 52180
Ion Ratio Lower Upper
42 100
74 111.3 111.5 167.3
44 7.6 5.4 8.2





#5
2-Fluorophenol
Concen: 130.695 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

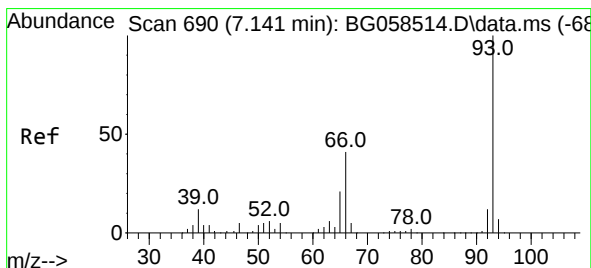
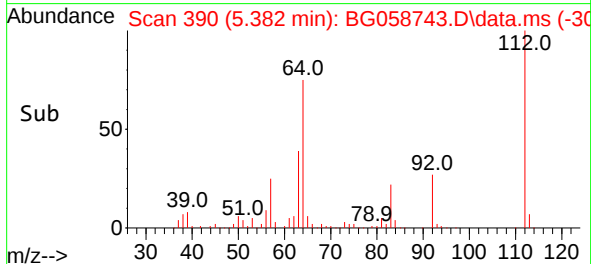
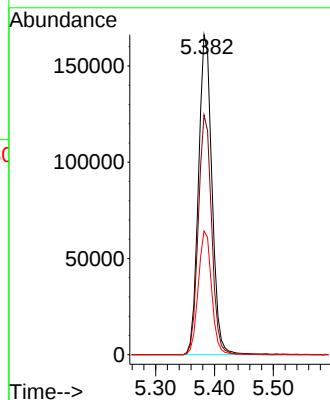
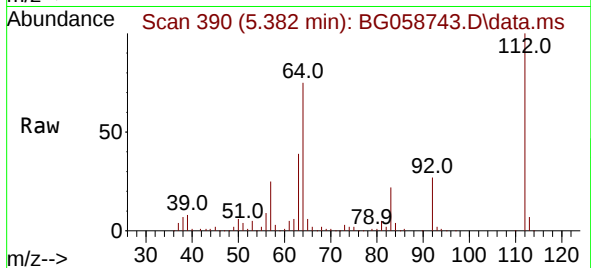
PB154832BS

Tgt Ion:112 Resp: 264395
Ion Ratio Lower Upper
112 100
64 74.9 55.3 82.9
63 38.6 28.3 42.5

Manual Integrations

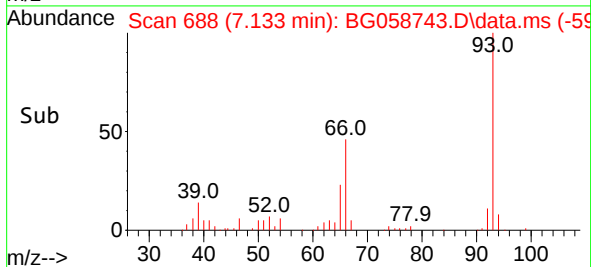
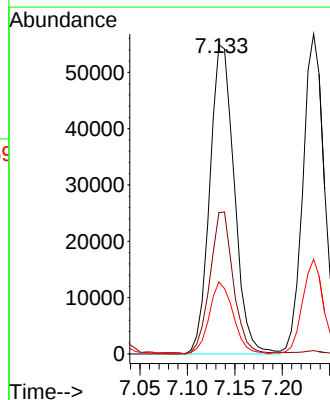
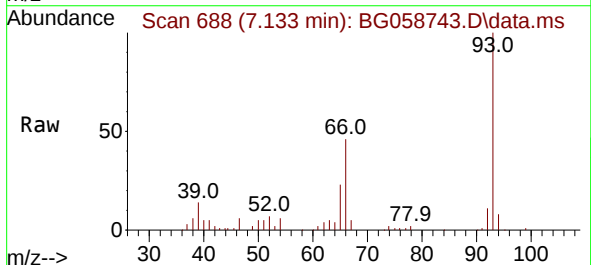
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#6
Aniline
Concen: 28.452 ng
RT: 7.133 min Scan# 688
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion: 93 Resp: 98608
Ion Ratio Lower Upper
93 100
66 45.7 33.1 49.7
65 23.3 17.0 25.4





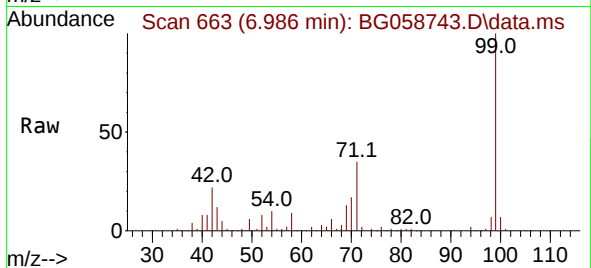
#7
Phenol-d6
Concen: 128.350 ng
RT: 6.986 min Scan# 609
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

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PB154832BS



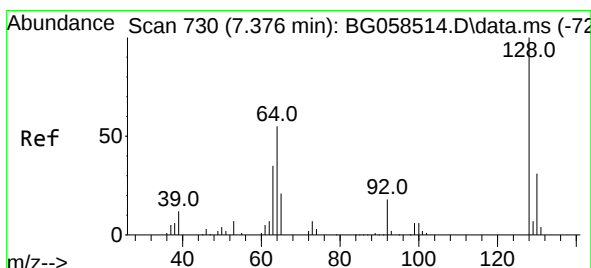
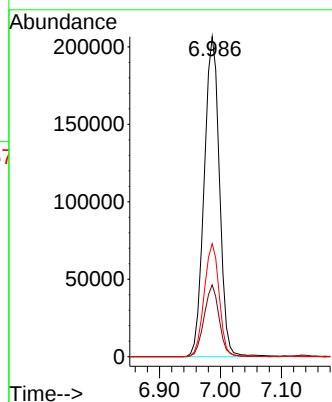
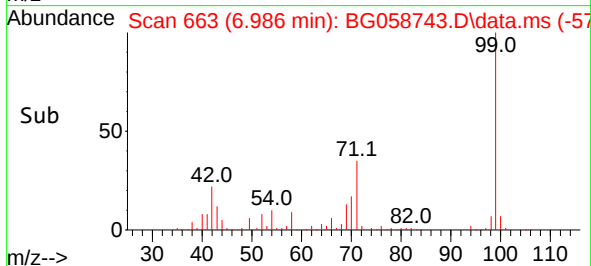
Tgt Ion: 99 Resp: 361300
Ion Ratio Lower Upper
99 100
42 22.5 14.6 21.8
71 35.3 25.0 37.4

Manual Integrations

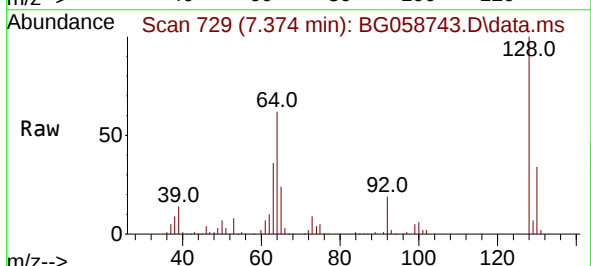
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Reviewed By :Yogesh Patel 08/17/2023

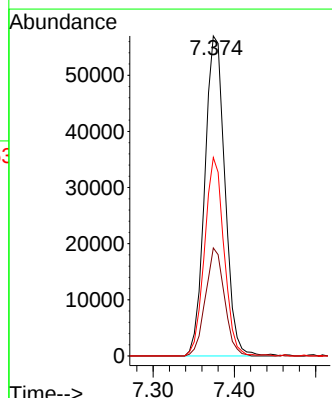
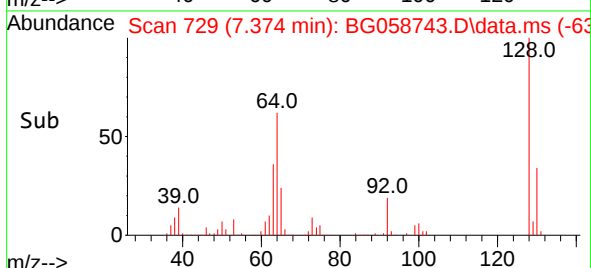
Supervised By :mohammad ahmed 08/17/2023

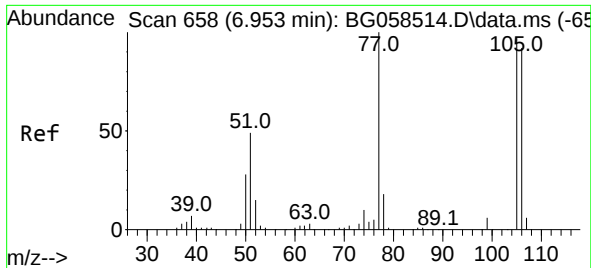


#8
2-Chlorophenol
Concen: 49.379 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:128 Resp: 98000
Ion Ratio Lower Upper
128 100
130 33.7 10.9 50.9
64 62.0 39.0 79.0





#9
Benzaldehyde
Concen: 24.539 ng
RT: 6.951 min Scan# 658
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

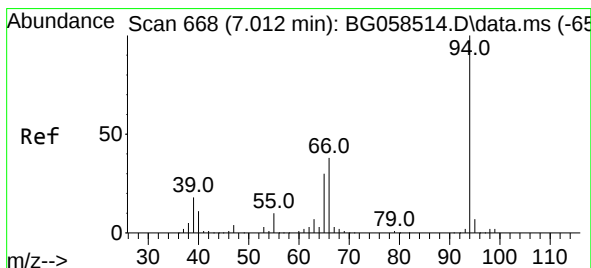
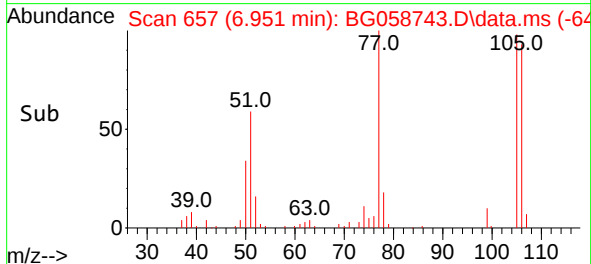
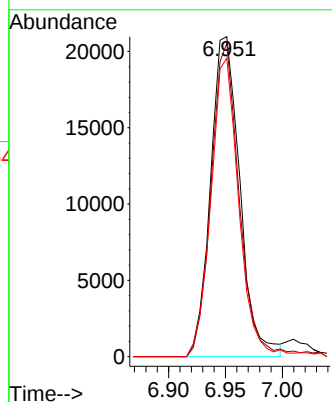
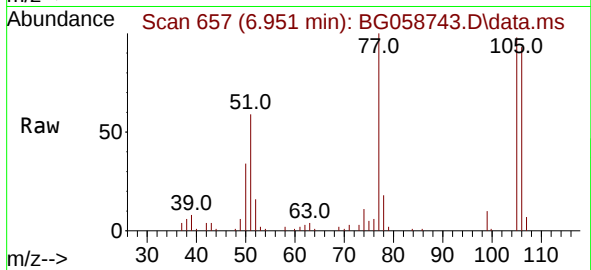
PB154832BS

Tgt Ion: 77 Resp: 37529
Ion Ratio Lower Upper
77 100
105 97.9 77.1 117.1
106 93.3 71.6 111.6

Manual Integrations

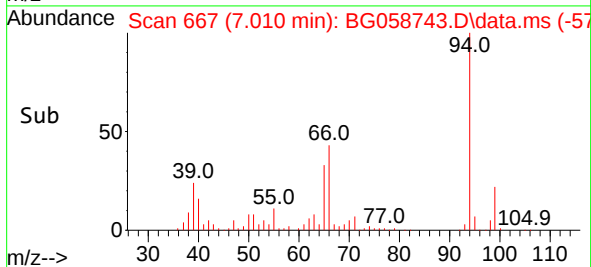
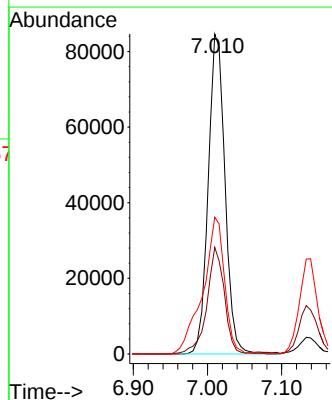
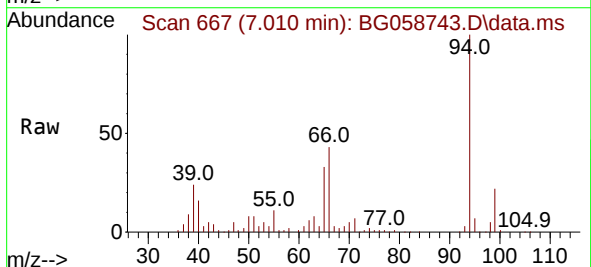
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Supervised By :mohammad ahmed 08/17/2023



#10
Phenol
Concen: 48.442 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion: 94 Resp: 133207
Ion Ratio Lower Upper
94 100
65 33.3 10.4 50.4
66 42.8 18.7 58.7





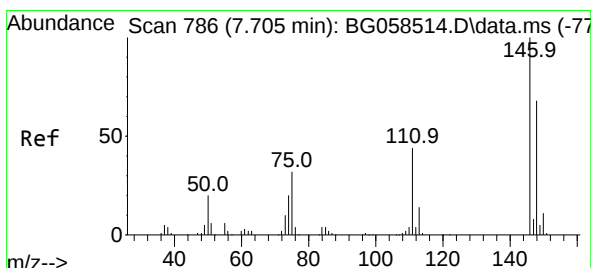
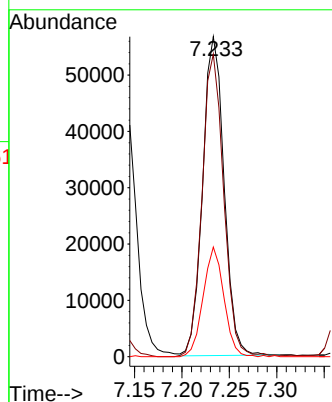
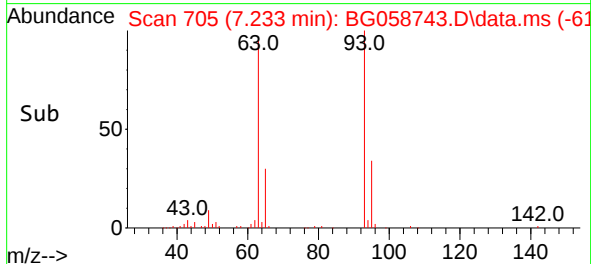
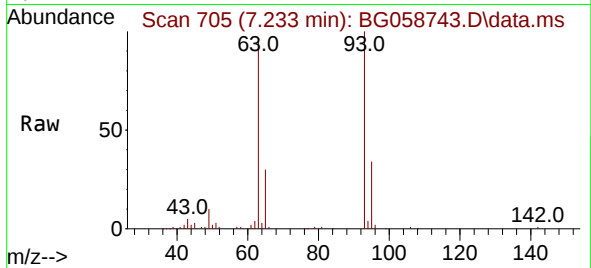
#11
bis(2-Chloroethyl)ether
Concen: 40.916 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :
BNA_G
ClientSampleId :
PB154832BS

Tgt Ion: 93 Resp: 8869
Ion Ratio Lower Upper
93 100
63 94.6 65.5 105.5
95 34.3 11.2 51.2

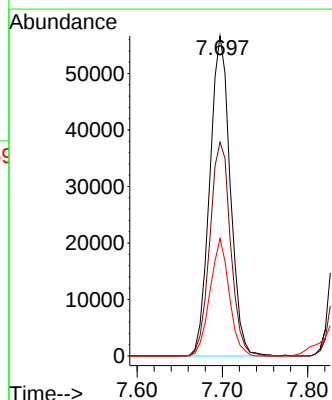
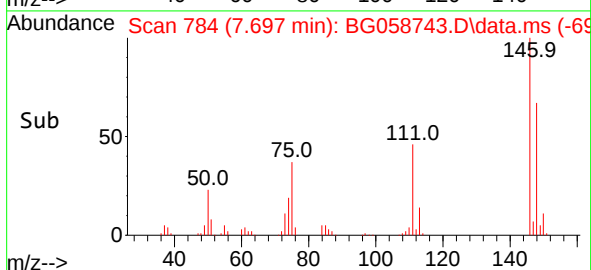
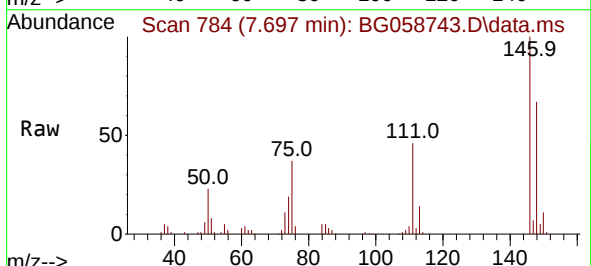
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#12
1,3-Dichlorobenzene
Concen: 44.499 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:146 Resp: 94303
Ion Ratio Lower Upper
146 100
148 66.8 54.7 82.1
75 36.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 44.614 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

Tgt Ion:146 Resp: 9493

Ion Ratio Lower Upper

146 100

148 70.7 52.8 79.2

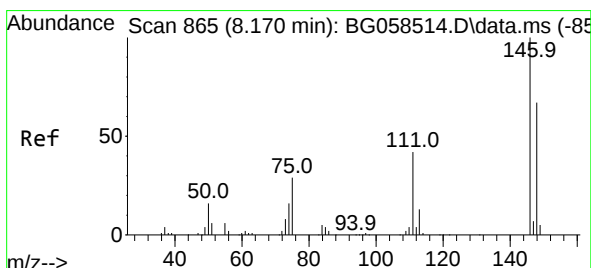
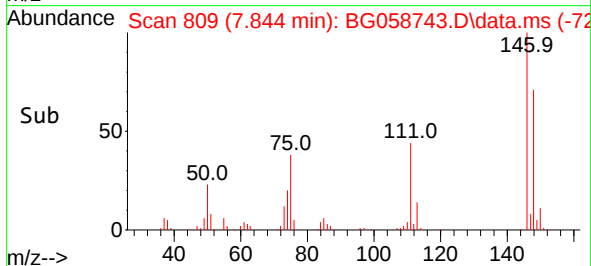
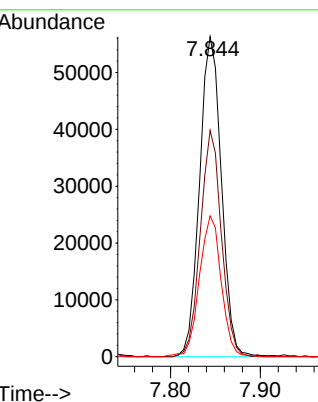
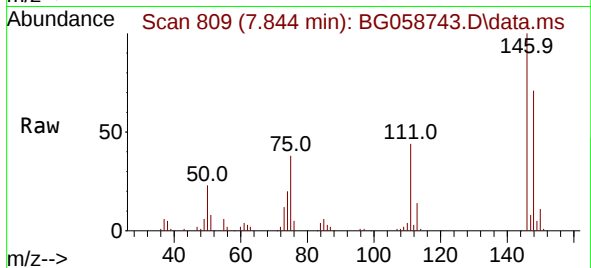
111 44.0 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 45.814 ng

RT: 8.161 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

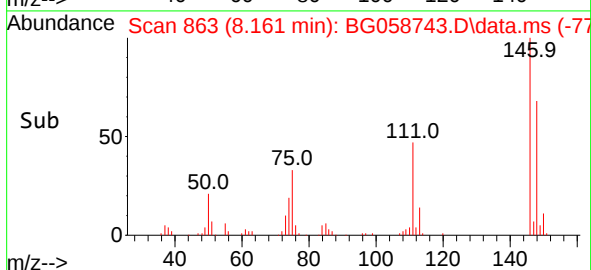
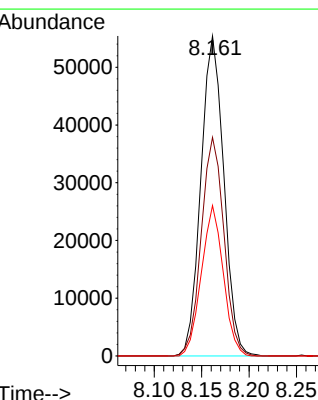
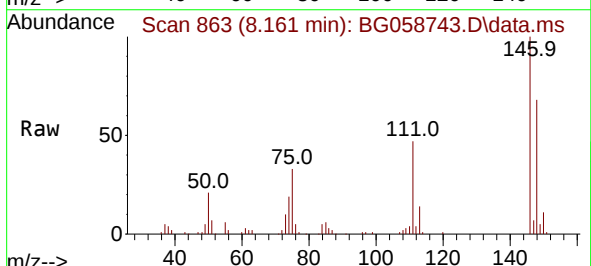
Tgt Ion:146 Resp: 93205

Ion Ratio Lower Upper

146 100

148 68.3 53.4 80.2

111 47.0 34.2 51.2





#15
Benzyl Alcohol
Concen: 53.401 ng
RT: 8.050 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

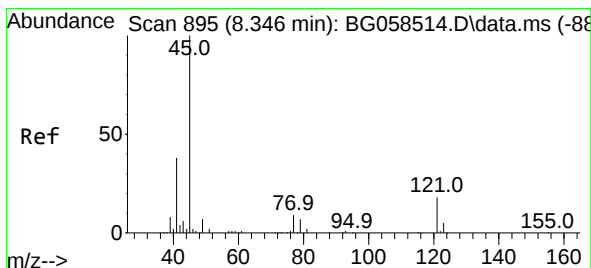
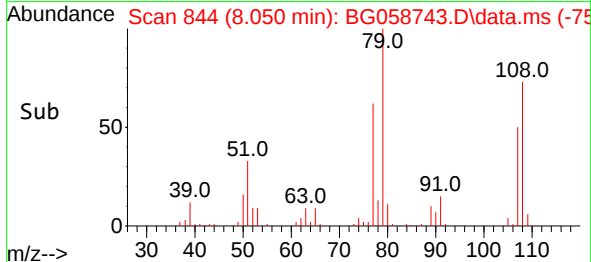
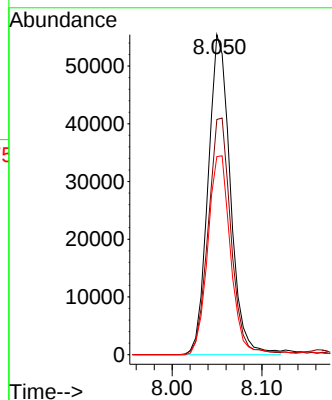
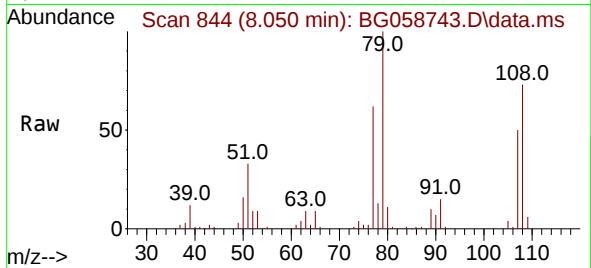
ClientSampleId :

PB154832BS

Tgt Ion: 79 Resp: 95332
Ion Ratio Lower Upper
79 100
108 73.5 63.8 95.6
77 61.9 49.8 74.6

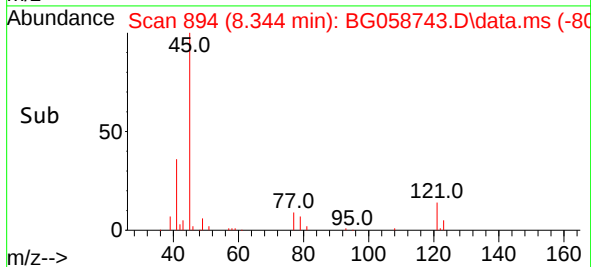
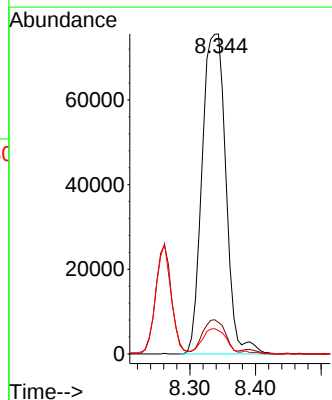
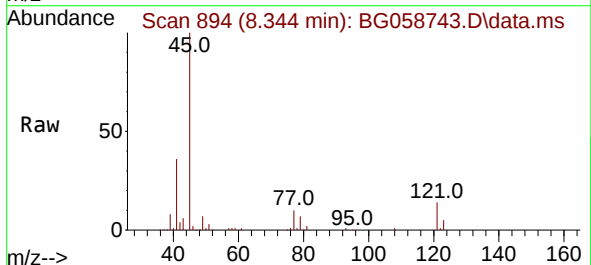
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.166 ng m
RT: 8.344 min Scan# 894
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion: 45 Resp: 190742
Ion Ratio Lower Upper
45 100
77 9.9 0.0 32.6
79 7.3 0.0 30.2





#17

2-Methylphenol

Concen: 45.182 ng

RT: 8.261 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

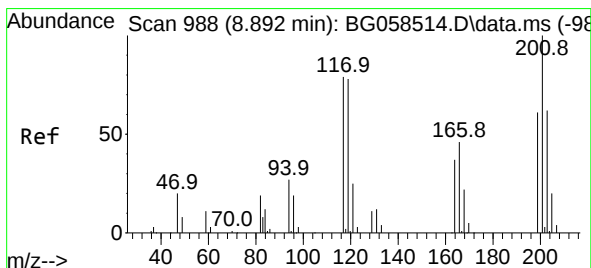
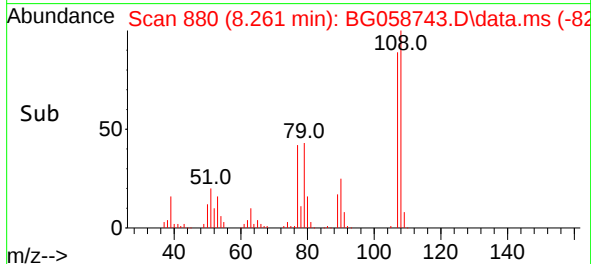
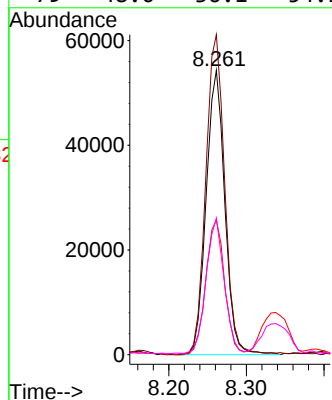
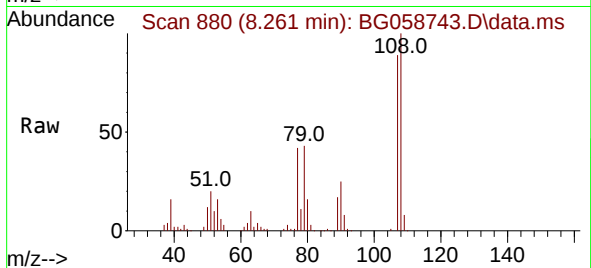
Tgt Ion:	107	Resp:	9084
Ion Ratio	Lower	Upper	
107	100		
108	112.5	89.1	133.7
77	47.4	36.2	54.4
79	48.0	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#18

Hexachloroethane

Concen: 44.975 ng

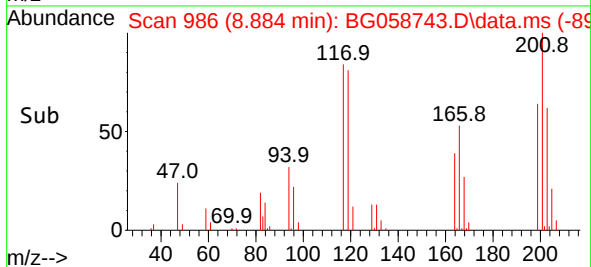
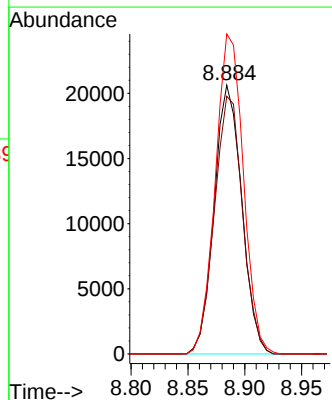
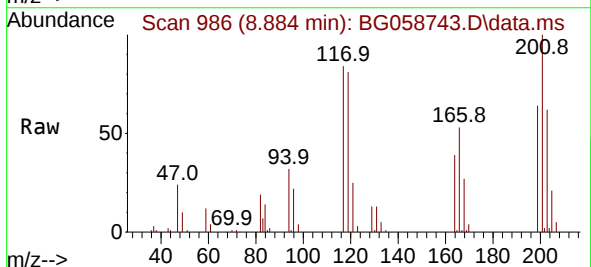
RT: 8.884 min Scan# 986

Delta R.T. -0.008 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Tgt Ion:	117	Resp:	34785
Ion Ratio	Lower	Upper	
117	100		
119	95.9	78.6	117.8
201	122.0	101.4	152.0





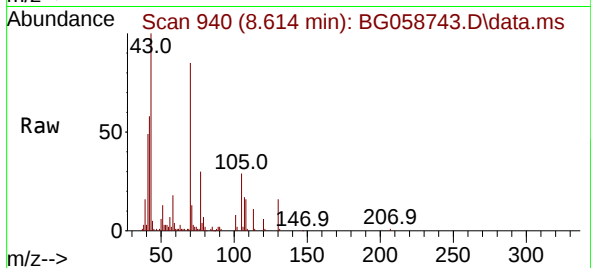
#19
n-Nitroso-di-n-propylamine
Concen: 44.022 ng
RT: 8.614 min Scan# 942
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

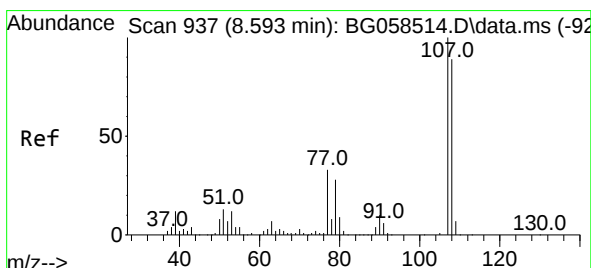
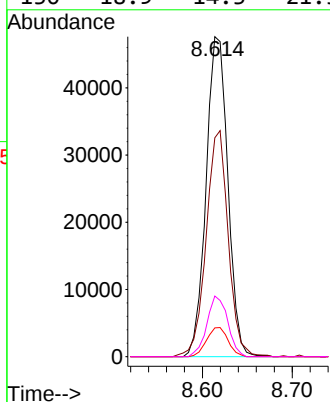
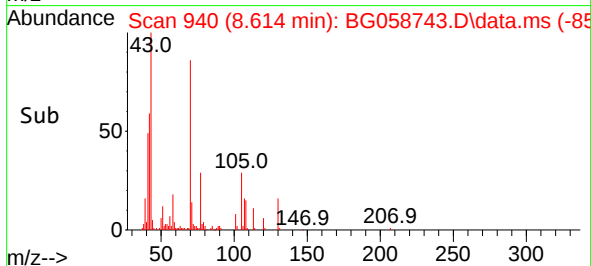


Tgt Ion: 70 Resp: 8004
Ion Ratio Lower Upper
70 100
42 68.4 49.7 74.5
101 9.0 7.0 10.4
130 18.9 14.3 21.5

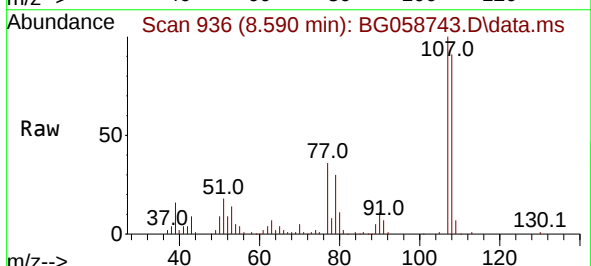
Manual Integrations

APPROVED

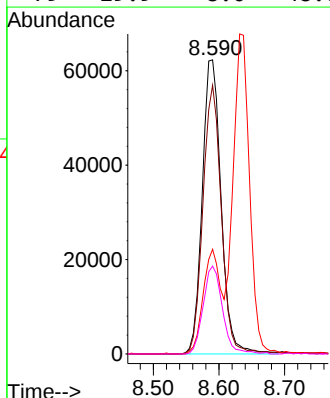
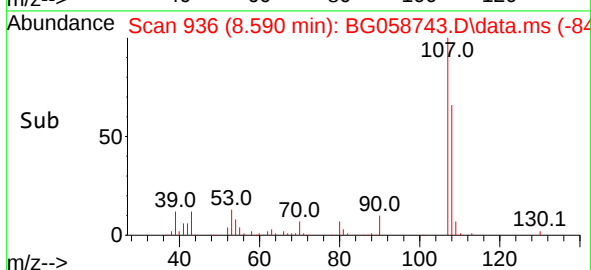
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

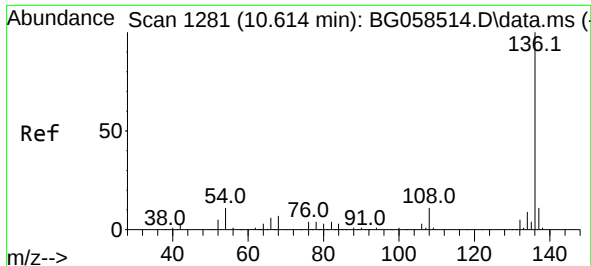


#20
3+4-Methylphenols
Concen: 45.942 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:107 Resp: 124946
Ion Ratio Lower Upper
107 100
108 91.3 69.4 109.4
77 35.6 13.0 53.0
79 29.9 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

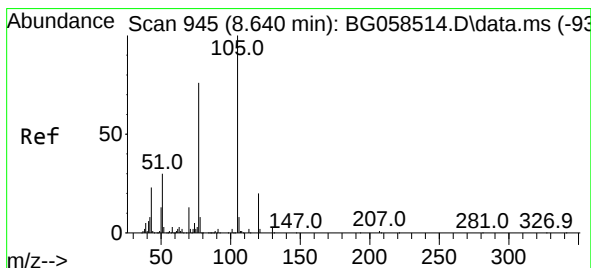
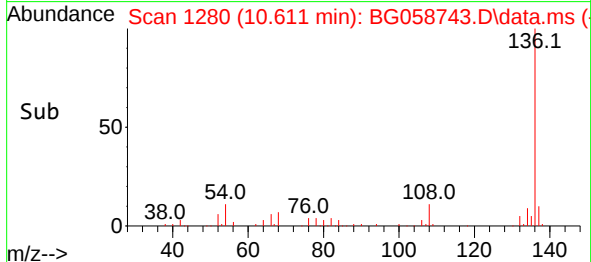
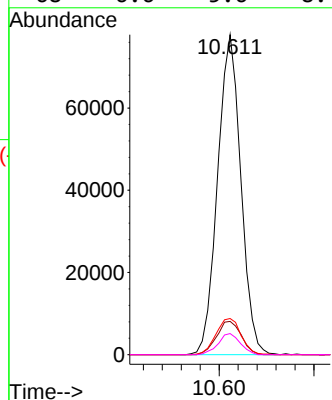
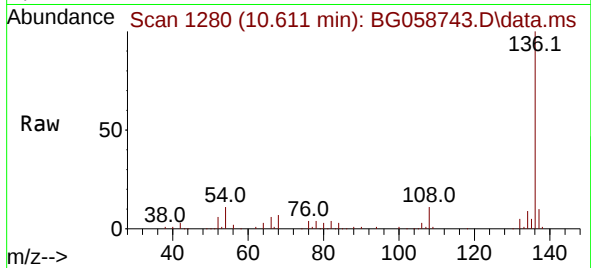
PB154832BS

Tgt Ion:136 Resp: 132795
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 11.3 8.9 13.3
68 6.6 5.6 8.4

Manual Integrations

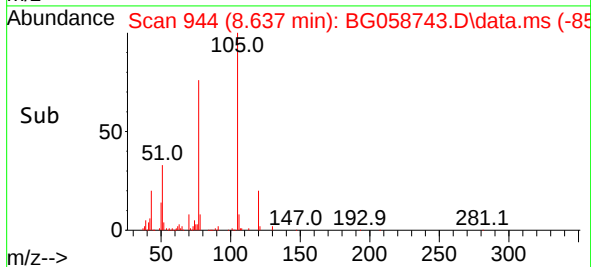
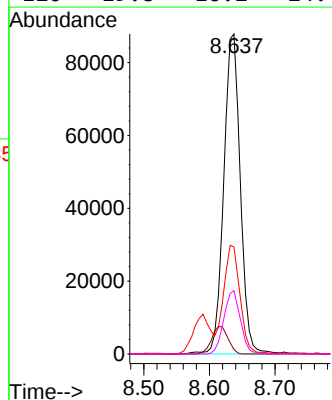
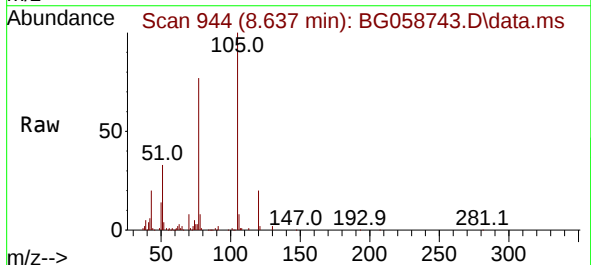
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#22
Acetophenone
Concen: 43.229 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:105 Resp: 153716
Ion Ratio Lower Upper
105 100
71 1.4 1.8 2.6#
51 33.4 24.2 36.2
120 19.8 16.2 24.4





#23

Nitrobenzene-d5

Concen: 82.183 ng

RT: 8.978 min Scan# 1002

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

Tgt Ion: 82 Resp: 22216

Ion Ratio Lower Upper

82 100

128 39.0 32.2 48.2

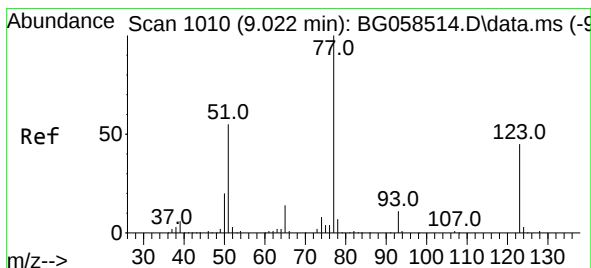
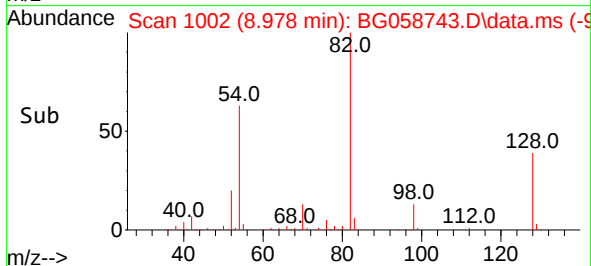
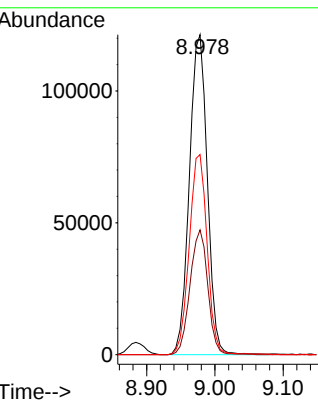
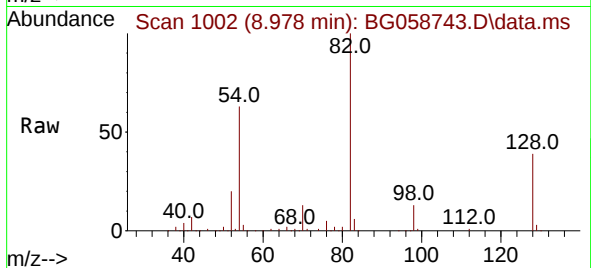
54 62.6 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#24

Nitrobenzene

Concen: 42.479 ng

RT: 9.019 min Scan# 1009

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

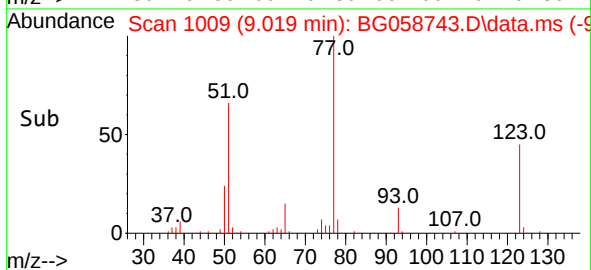
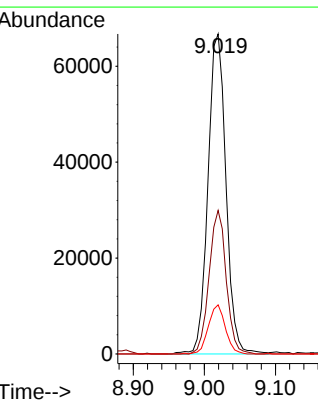
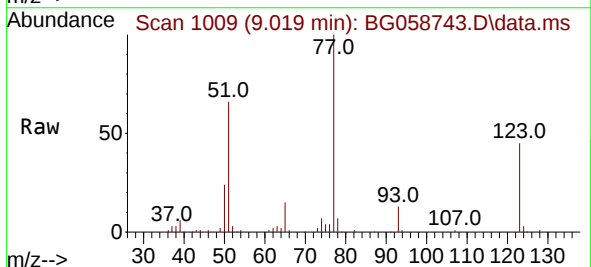
Tgt Ion: 77 Resp: 116742

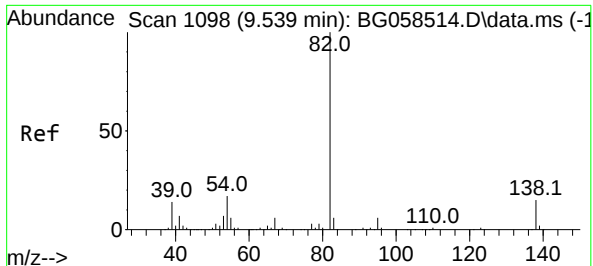
Ion Ratio Lower Upper

77 100

123 44.8 35.6 53.4

65 15.4 11.4 17.0





#25
Isophorone
Concen: 41.377 ng
RT: 9.536 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

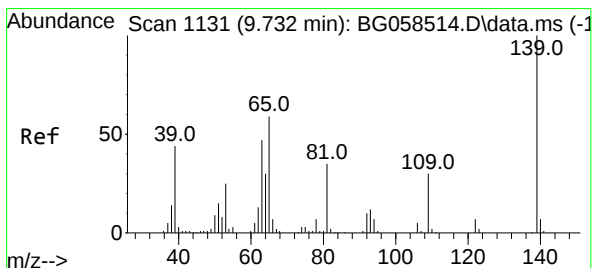
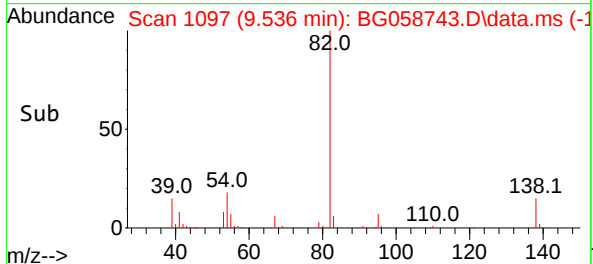
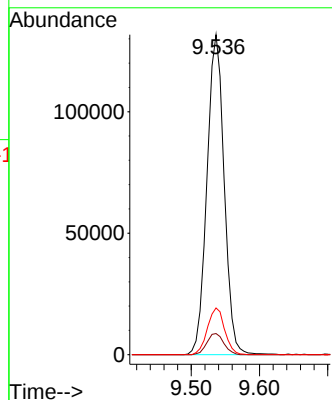
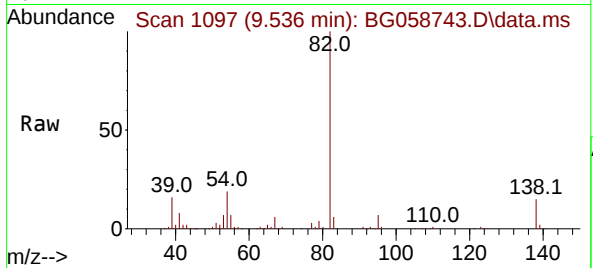
PB154832BS

Tgt Ion: 82 Resp: 231110
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.6 11.9 17.9

Manual Integrations

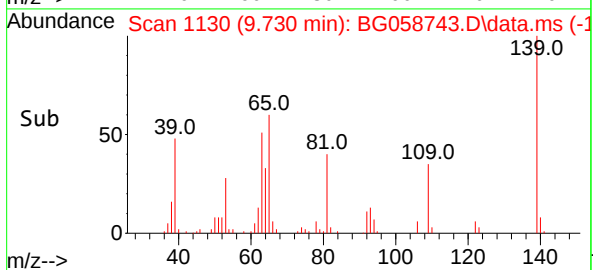
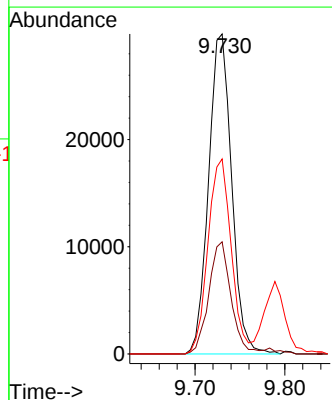
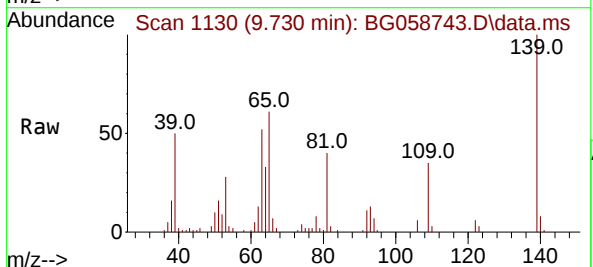
APPROVED

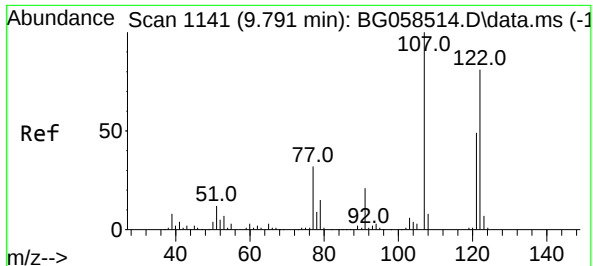
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#26
2-Nitrophenol
Concen: 44.556 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:139 Resp: 53302
Ion Ratio Lower Upper
139 100
109 35.1 24.2 36.2
65 61.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.762 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

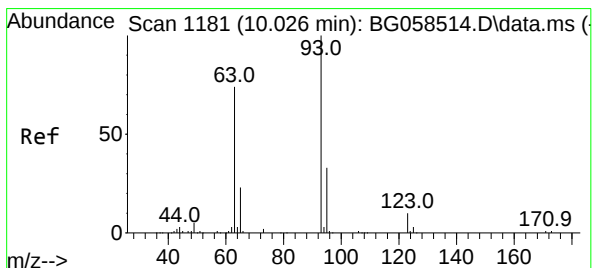
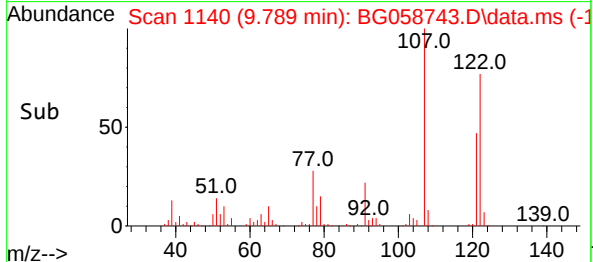
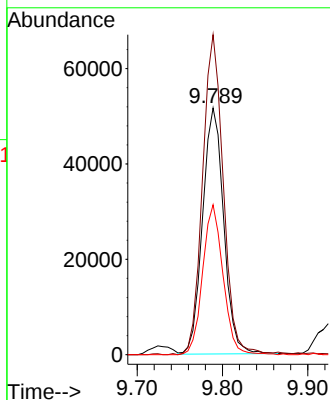
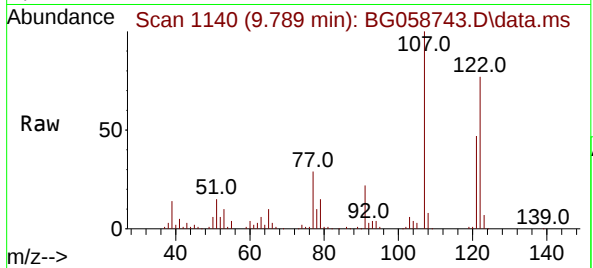
Tgt Ion:	122	Resp:	8882
Ion Ratio	Lower	Upper	
122	100		
107	129.7	98.0	147.0
121	60.8	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.287 ng

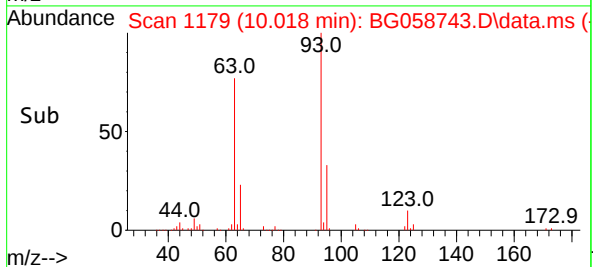
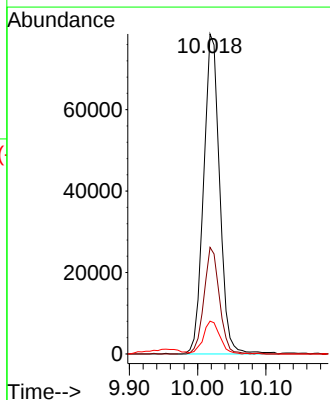
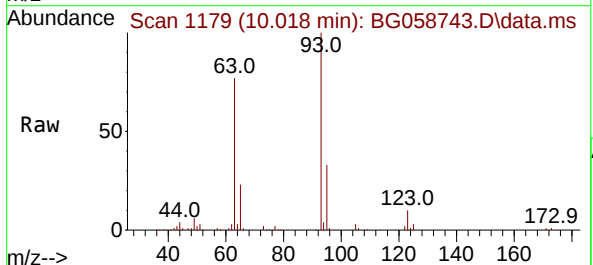
RT: 10.018 min Scan# 1179

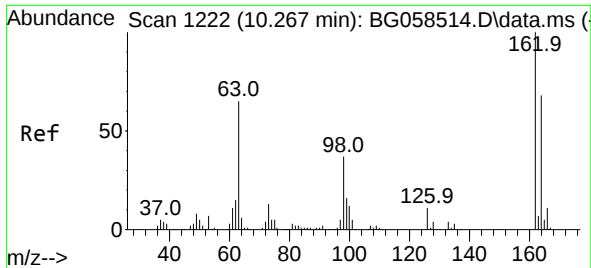
Delta R.T. -0.008 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Tgt Ion:	93	Resp:	128537
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.0	39.0
123	10.2	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 47.637 ng

RT: 10.265 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

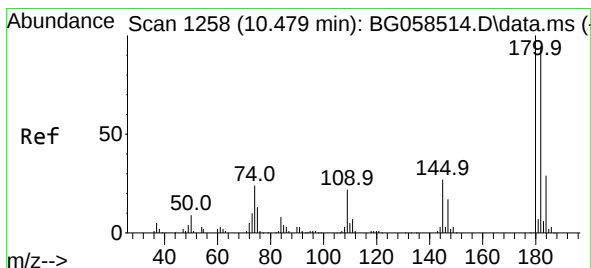
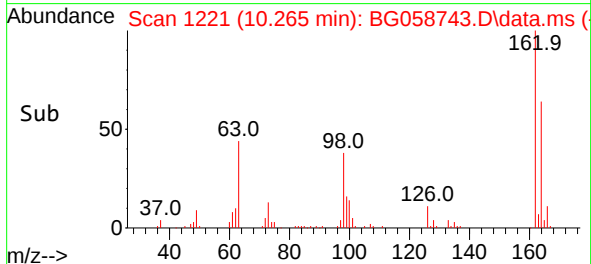
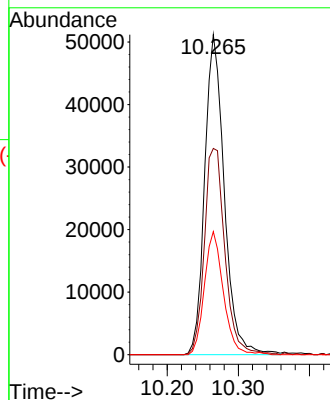
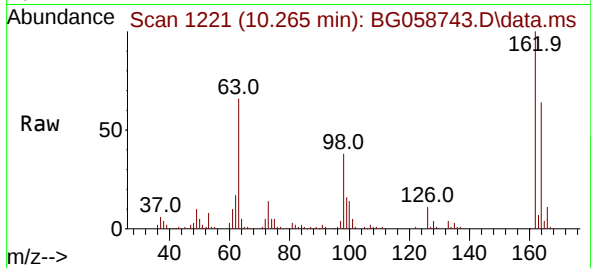
Tgt Ion:	162	Resp:	9814
Ion Ratio	Lower	Upper	
162	100		
164	64.5	47.6	87.6
98	38.4	17.1	57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.042 ng

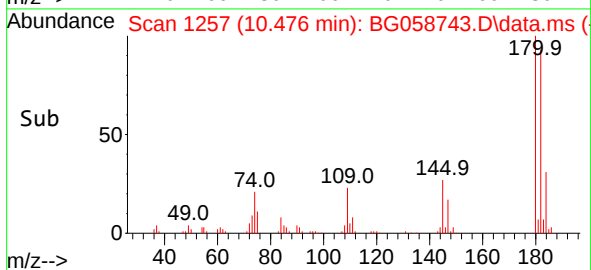
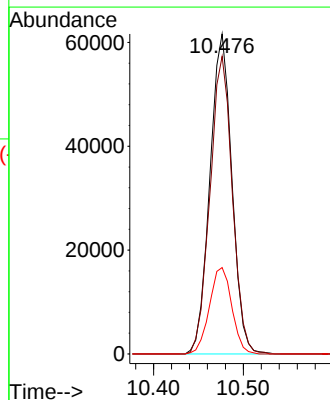
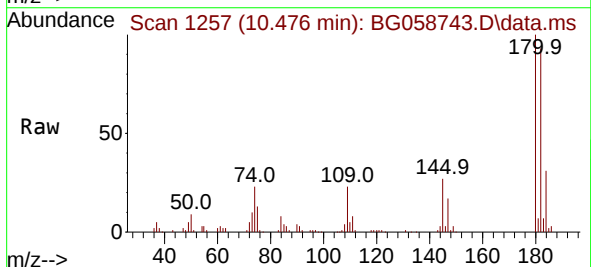
RT: 10.476 min Scan# 1257

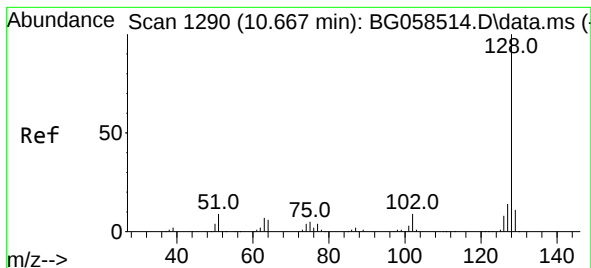
Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Tgt Ion:	180	Resp:	104647
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.0	112.4
145	27.0	21.9	32.9





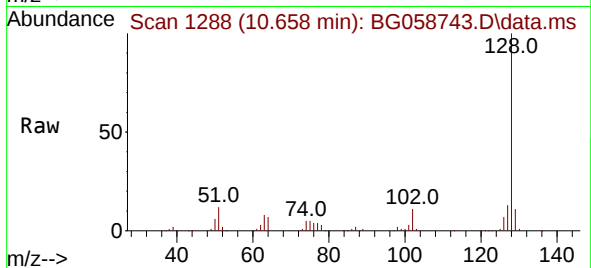
#31
Naphthalene
Concen: 42.359 ng
RT: 10.658 min Scan# 1170
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

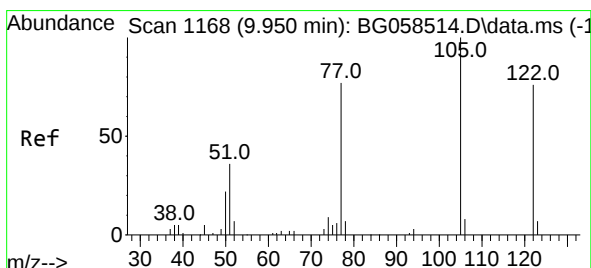
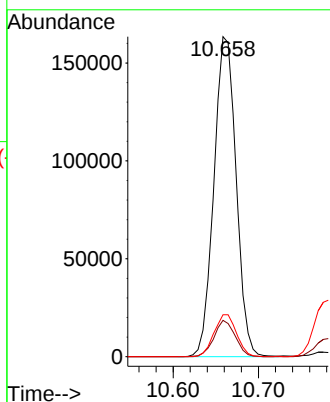
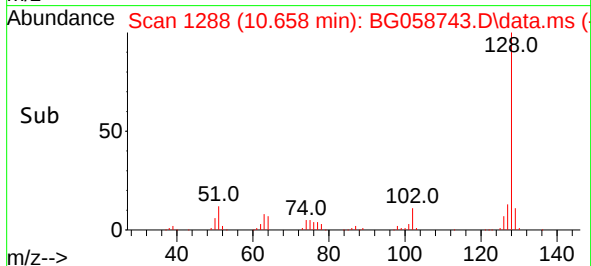


Tgt Ion:128 Resp: 296480
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.1 10.9 16.3

Manual Integrations

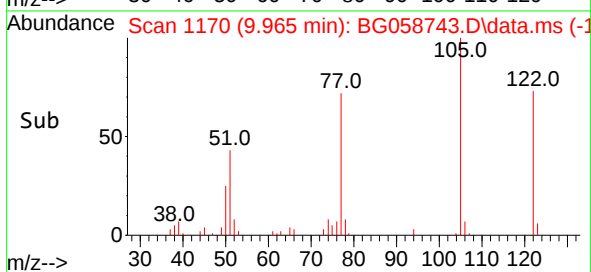
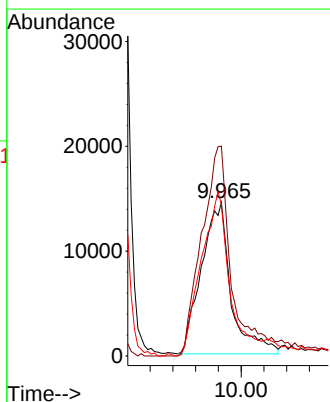
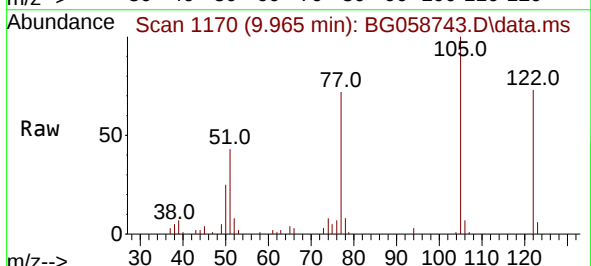
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#32
Benzoic acid
Concen: 35.716 ng
RT: 9.965 min Scan# 1170
Delta R.T. 0.015 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:122 Resp: 52150
Ion Ratio Lower Upper
122 100
105 136.6 106.5 146.5
77 98.6 78.1 118.1





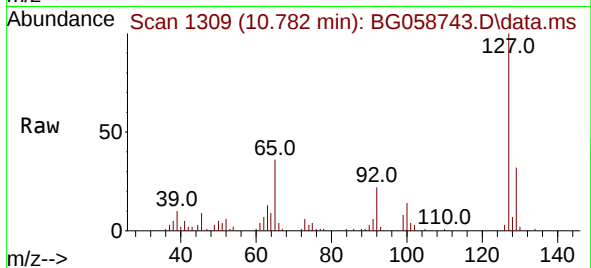
#33
4-Chloroaniline
Concen: 20.516 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS



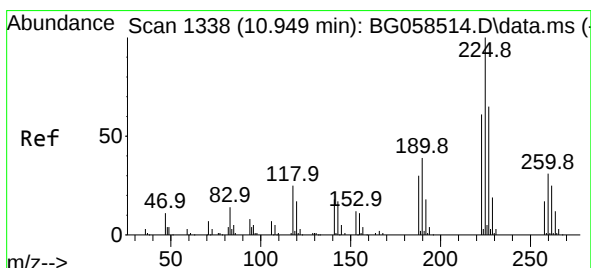
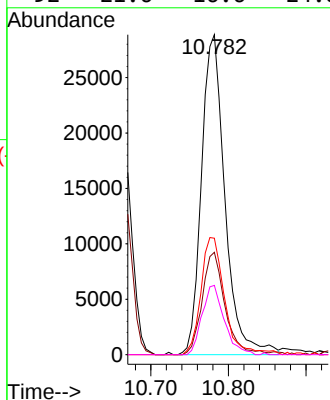
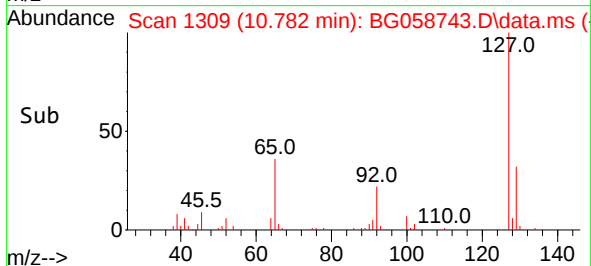
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	36.4	29.5	44.3
92	21.6	16.6	24.8

Manual Integrations

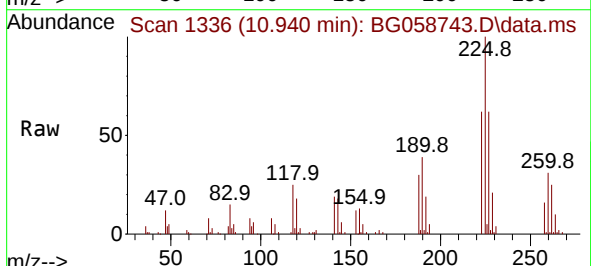
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

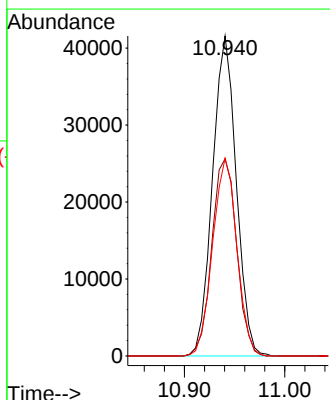
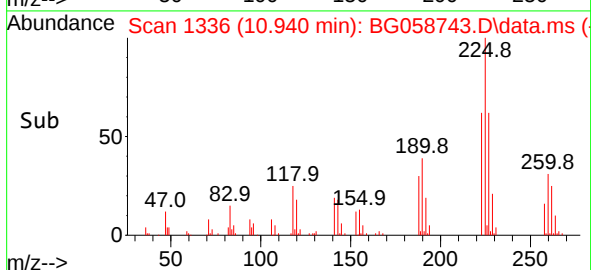
Supervised By :mohammad ahmed 08/17/2023

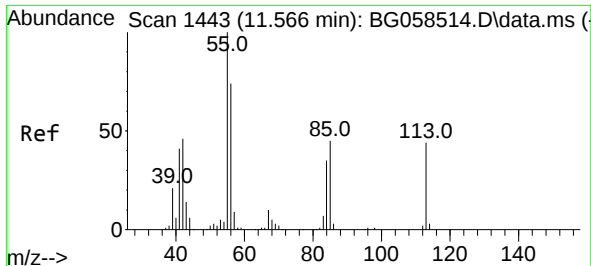


#34
Hexachlorobutadiene
Concen: 44.613 ng
RT: 10.940 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.6
227	61.8	51.7	77.5





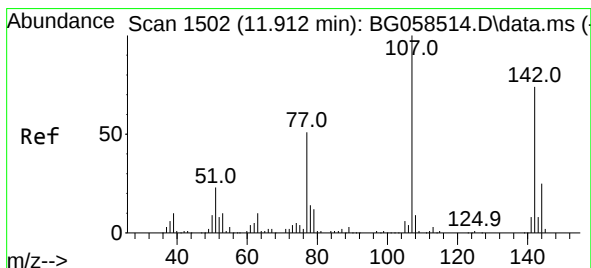
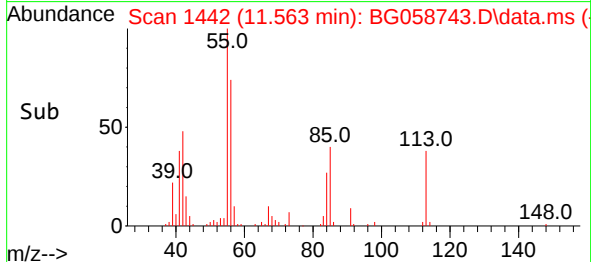
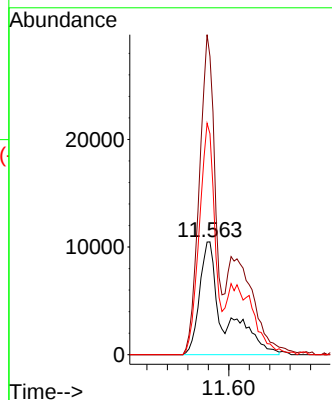
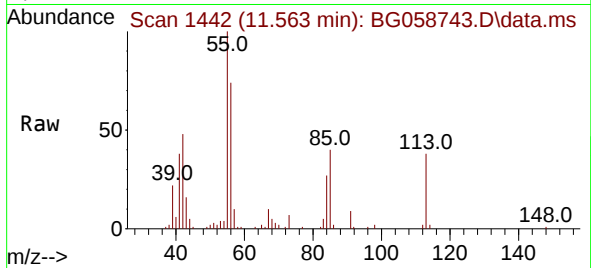
#35
Caprolactam
Concen: 46.335 ng m
RT: 11.563 min Scan# 1443
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :
BNA_G
ClientSampleId :
PB154832BS

Tgt Ion:113 Resp: 3525
Ion Ratio Lower Upper
113 100
55 264.5 208.0 248.0
56 195.9 148.6 188.6

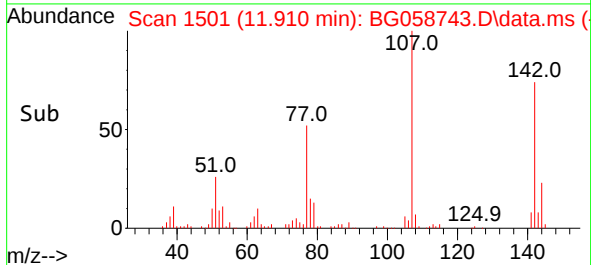
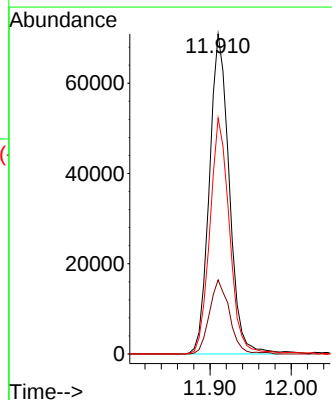
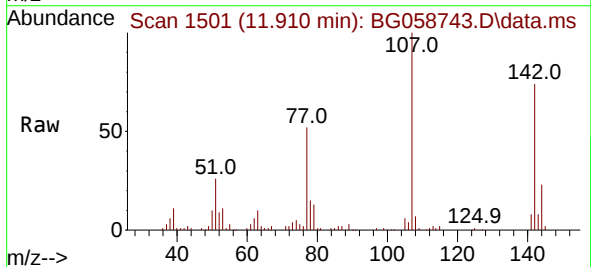
Manual Integrations
APPROVED

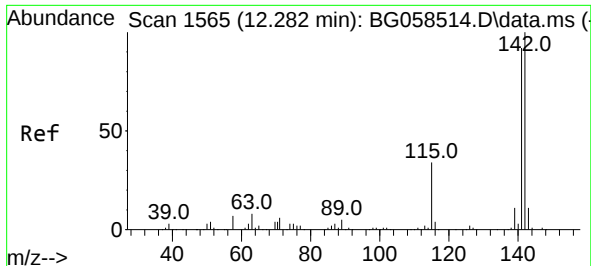
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 47.242 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:107 Resp: 120404
Ion Ratio Lower Upper
107 100
144 23.1 19.6 29.4
142 73.7 59.3 88.9





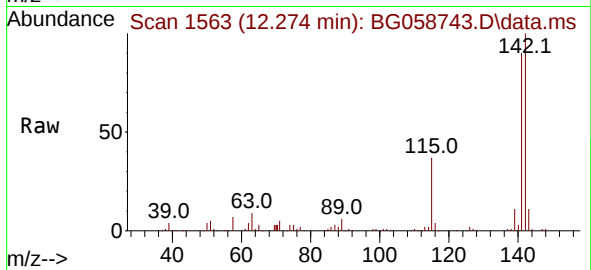
#37
2-Methylnaphthalene
Concen: 41.384 ng
RT: 12.274 min Scan# 1563
Delta R.T. -0.008 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

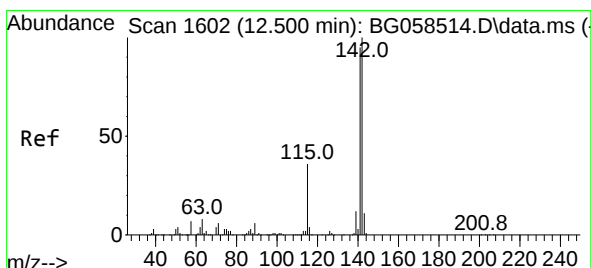
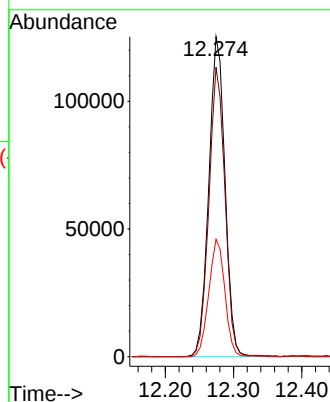
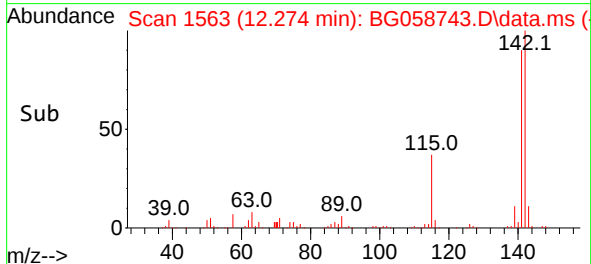


Tgt Ion:142 Resp: 207198
Ion Ratio Lower Upper
142 100
141 90.4 73.5 110.3
115 36.6 27.4 41.0

Manual Integrations

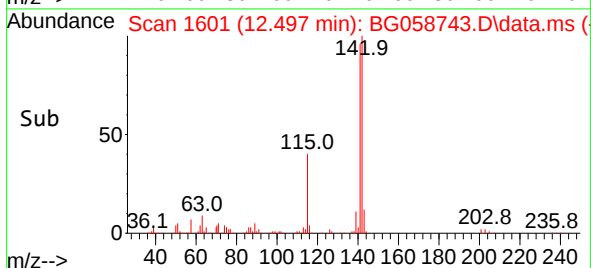
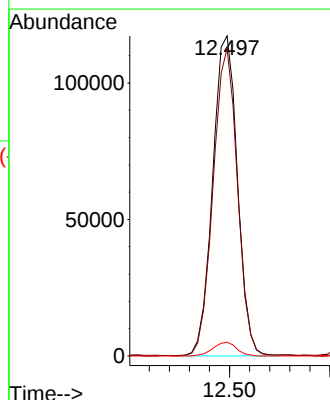
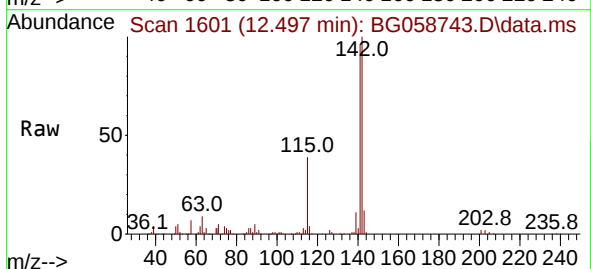
APPROVED

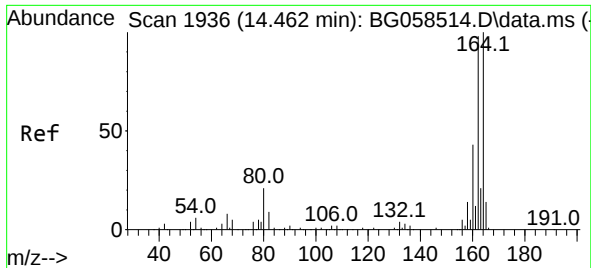
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 42.178 ng
RT: 12.497 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:142 Resp: 200736
Ion Ratio Lower Upper
142 100
141 96.1 75.7 113.5
116 4.3 3.2 4.8





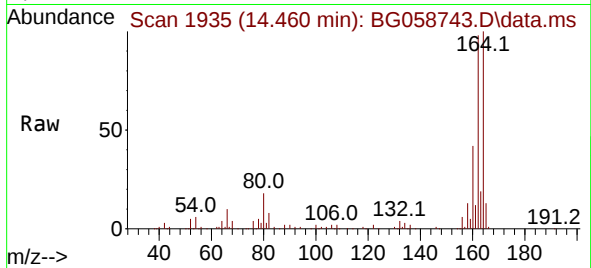
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

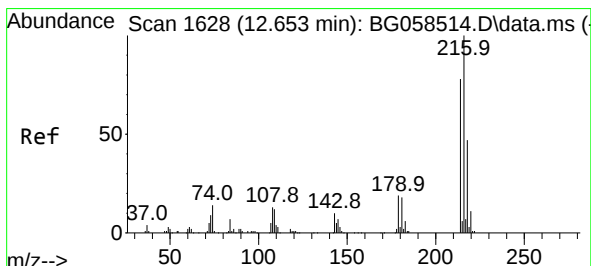
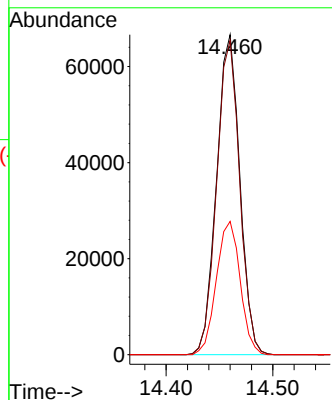
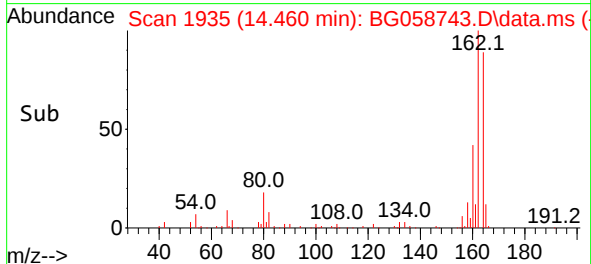


Tgt Ion:164 Resp: 100799
Ion Ratio Lower Upper
164 100
162 98.2 78.3 117.5
160 41.6 34.1 51.1

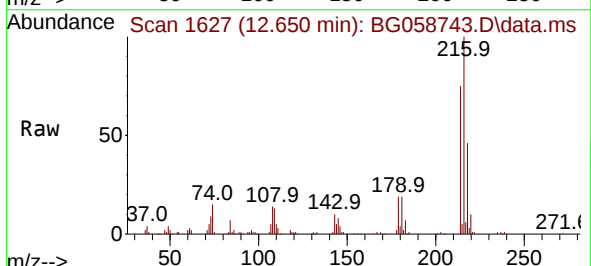
Manual Integrations

APPROVED

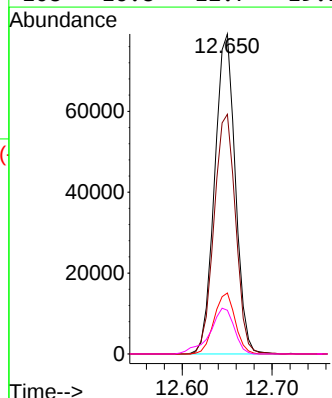
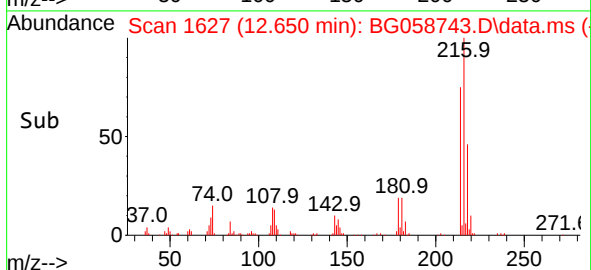
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

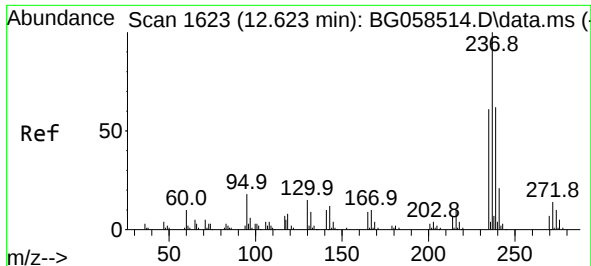


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.838 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



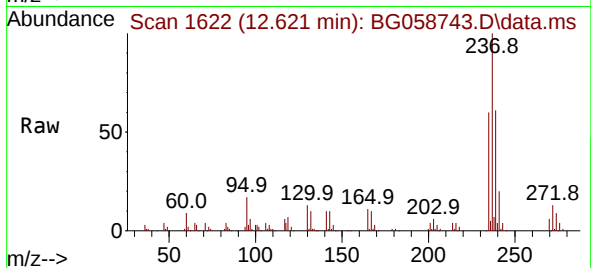
Tgt Ion:216 Resp: 126377
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 19.4 15.6 23.4
108 16.8 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 74.629 ng
RT: 12.621 min Scan# 106550
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

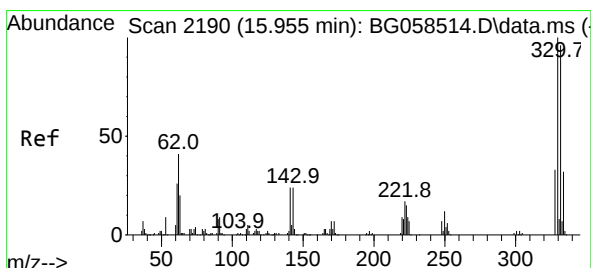
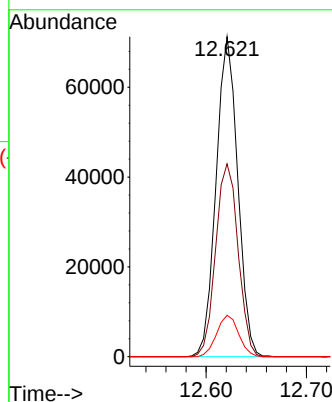
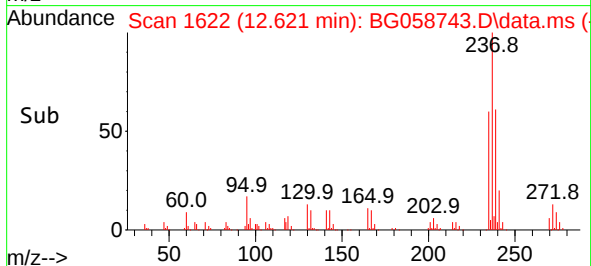
Instrument :
BNA_G
ClientSampleId :
PB154832BS



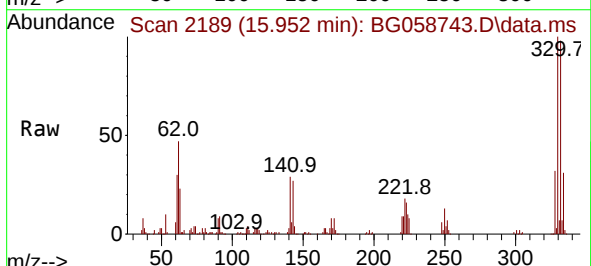
Tgt Ion:237 Resp: 106550
Ion Ratio Lower Upper
237 100
235 60.3 41.0 81.0
272 12.9 0.0 33.6

Manual Integrations
APPROVED

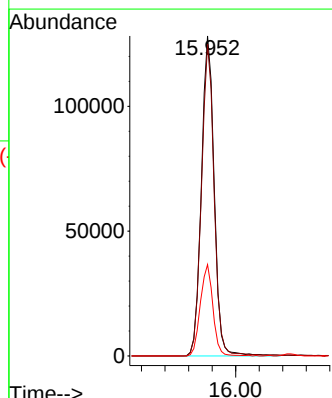
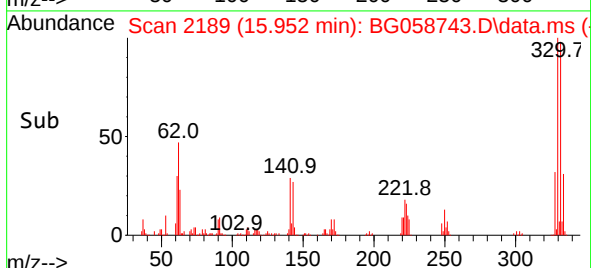
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

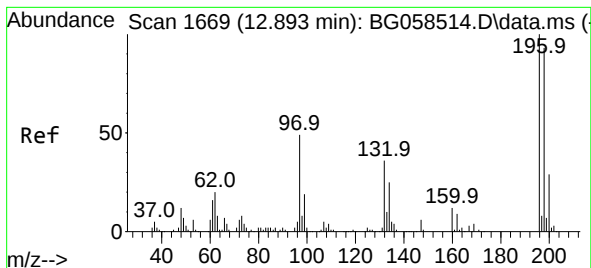


#42
2,4,6-Tribromophenol
Concen: 117.449 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:330 Resp: 194045
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 28.1 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 42.011 ng

RT: 12.891 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

Tgt Ion:196 Resp: 8942

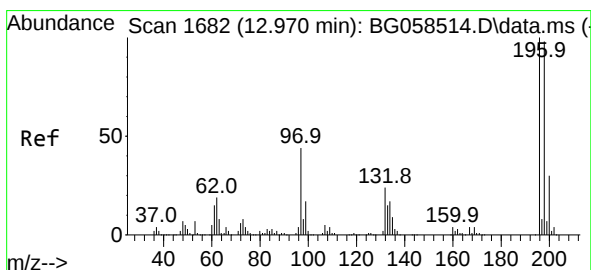
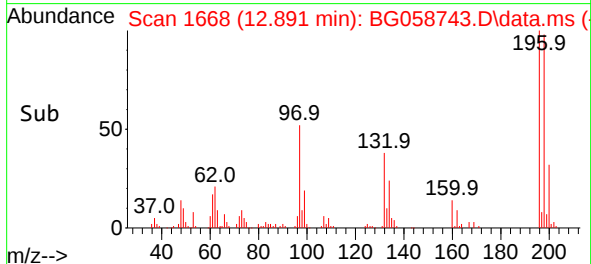
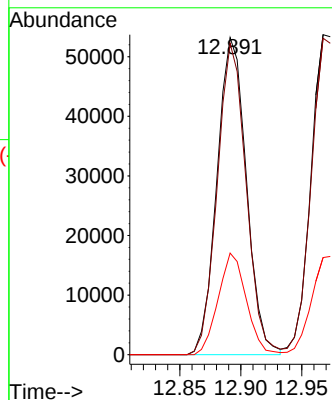
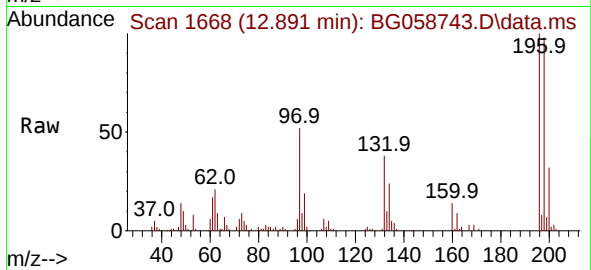
Ion	Ratio	Lower	Upper
196	100		
198	98.2	74.2	111.4
200	32.0	22.9	34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#44

2,4,5-Trichlorophenol

Concen: 39.181 ng

RT: 12.968 min Scan# 1681

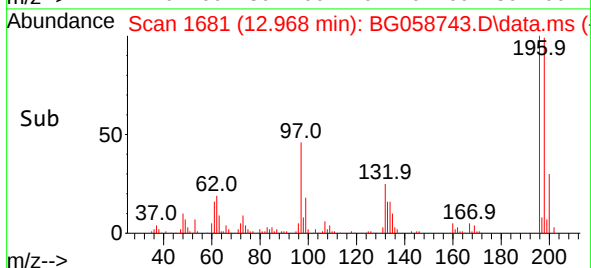
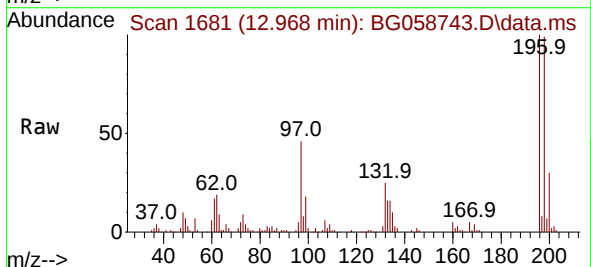
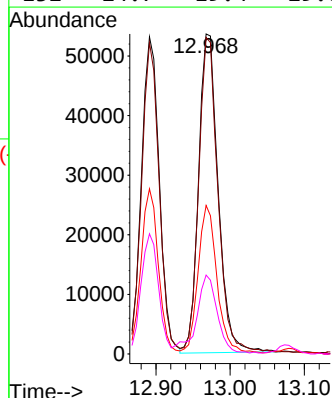
Delta R.T. -0.002 min

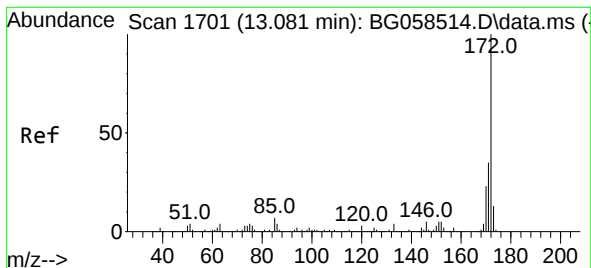
Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Tgt Ion:196 Resp: 98230

Ion	Ratio	Lower	Upper
196	100		
198	98.9	78.3	117.5
97	46.4	35.2	52.8
132	24.7	19.4	29.0





#45

2-Fluorobiphenyl

Concen: 77.514 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

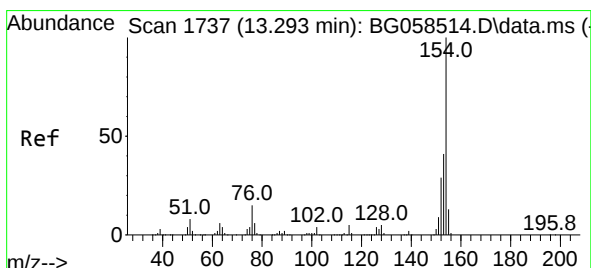
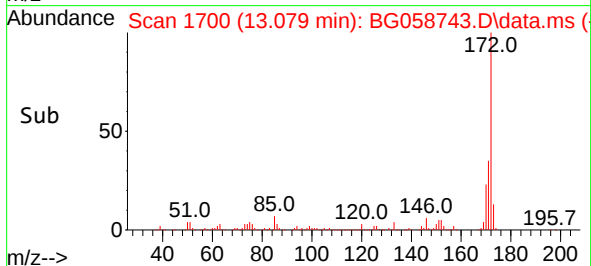
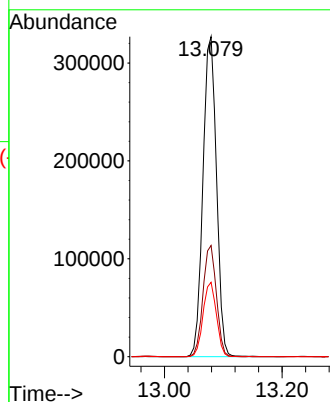
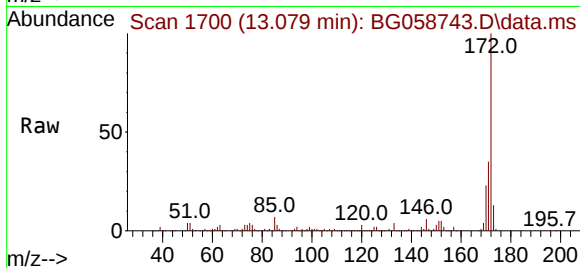
Tgt Ion:172	Resp: 521379
Ion Ratio	Lower Upper
172	100
171	34.7 28.0 42.0
170	23.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#46

1,1'-Biphenyl

Concen: 40.301 ng

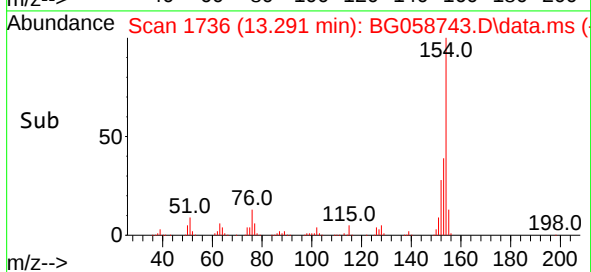
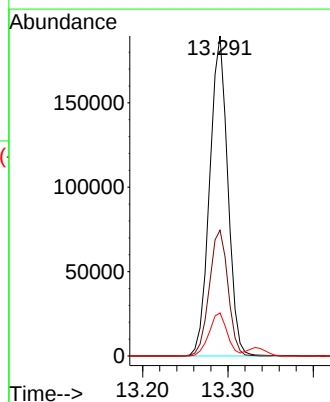
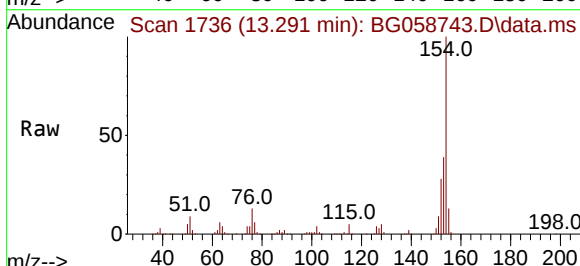
RT: 13.291 min Scan# 1736

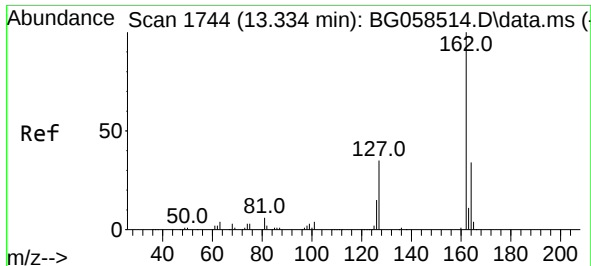
Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Tgt Ion:154	Resp: 278977
Ion Ratio	Lower Upper
154	100
153	39.3 21.2 61.2
76	13.4 0.0 34.7





#47
2-Chloronaphthalene
Concen: 42.258 ng
RT: 13.332 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

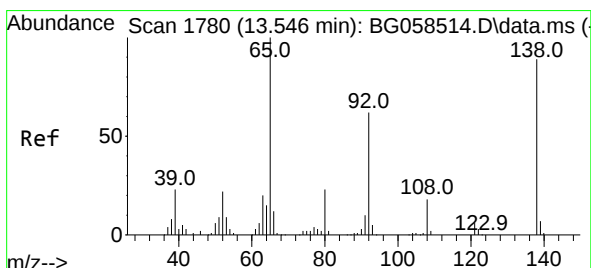
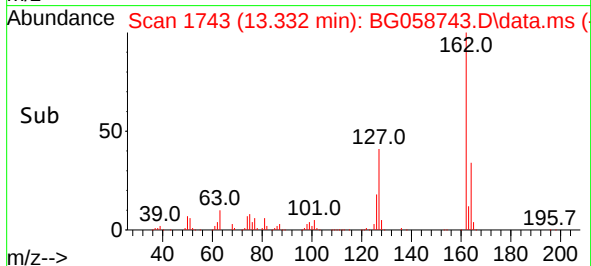
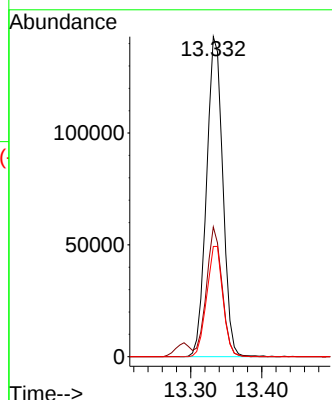
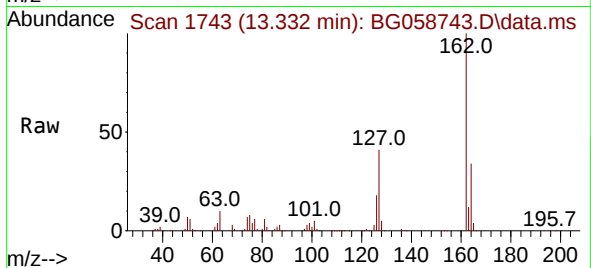
PB154832BS

Tgt Ion:162 Resp: 22808
Ion Ratio Lower Upper
162 100
127 40.5 30.9 46.3
164 34.5 27.2 40.8

Manual Integrations

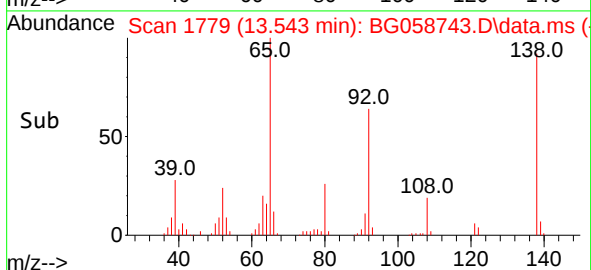
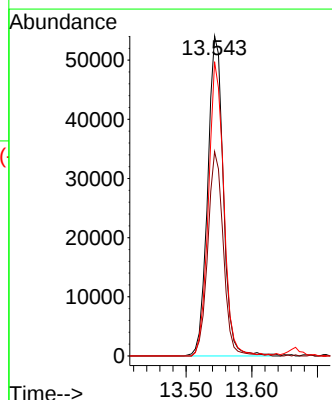
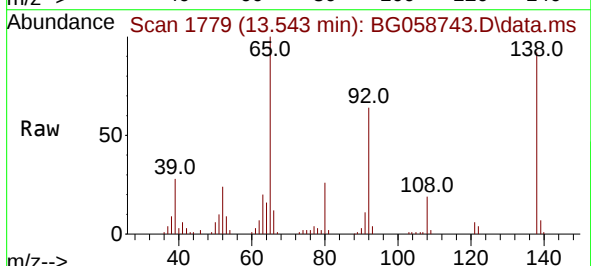
APPROVED

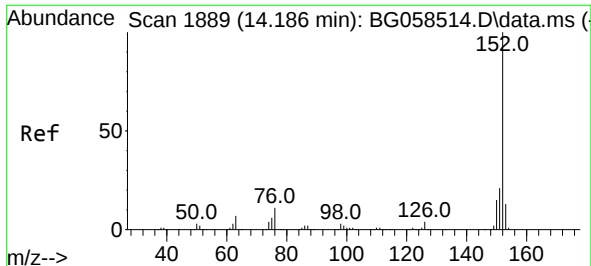
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#48
2-Nitroaniline
Concen: 43.720 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion: 65 Resp: 90070
Ion Ratio Lower Upper
65 100
92 63.8 49.2 73.8
138 92.0 71.5 107.3





#49
Acenaphthylene
Concen: 42.123 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

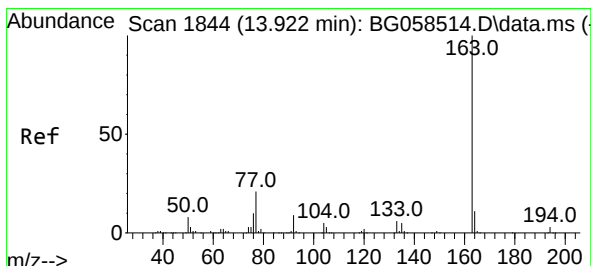
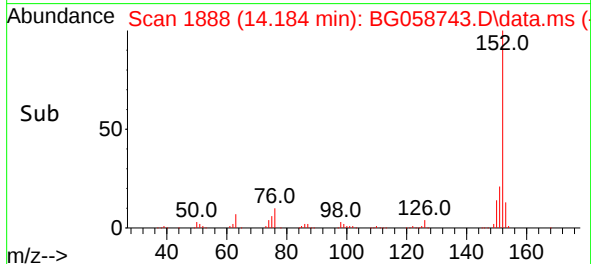
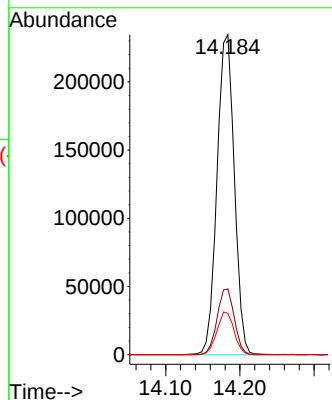
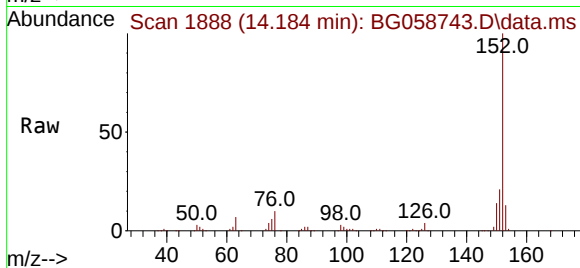
PB154832BS

Tgt Ion:152 Resp: 380649
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 12.9 10.7 16.1

Manual Integrations

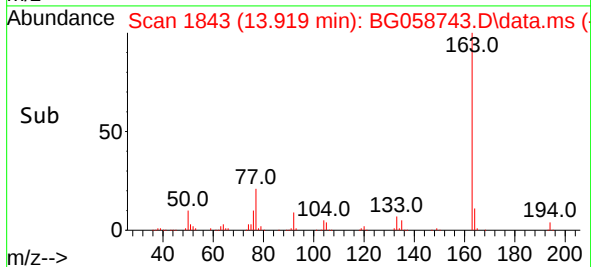
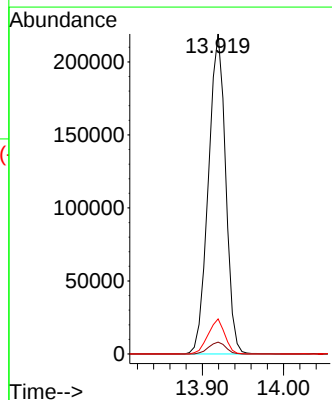
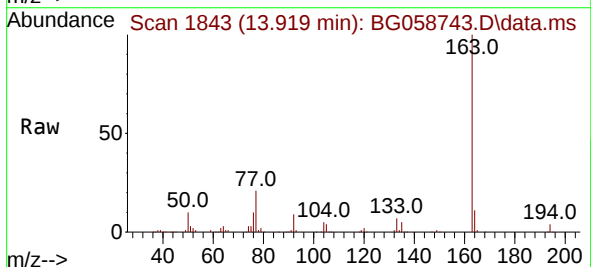
APPROVED

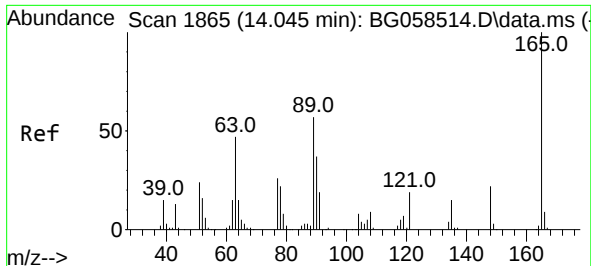
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#50
Dimethylphthalate
Concen: 42.585 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:163 Resp: 322380
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.530 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

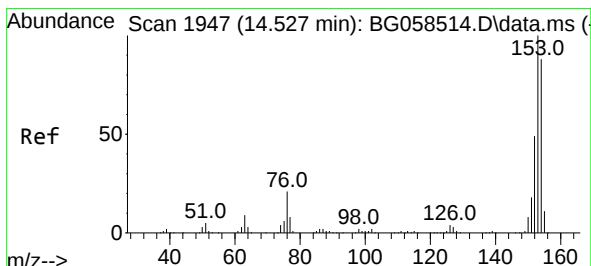
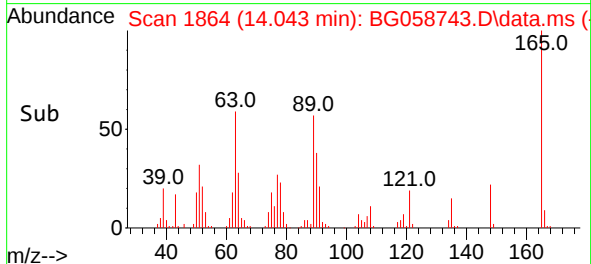
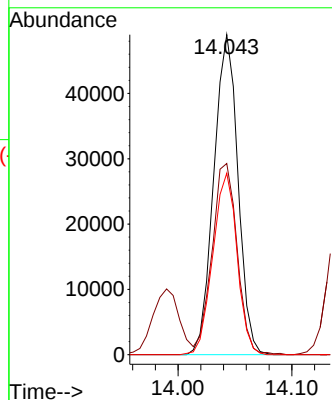
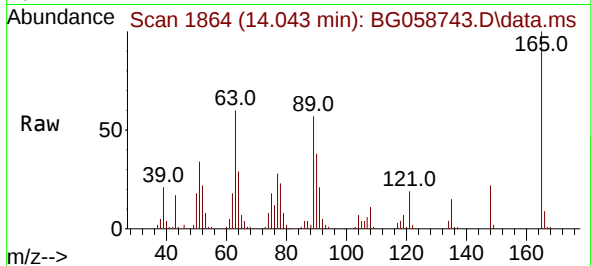
PB154832BS

Tgt Ion:165 Resp: 7230
Ion Ratio Lower Upper
165 100
63 59.8 46.4 69.6
89 56.7 45.3 67.9

Manual Integrations

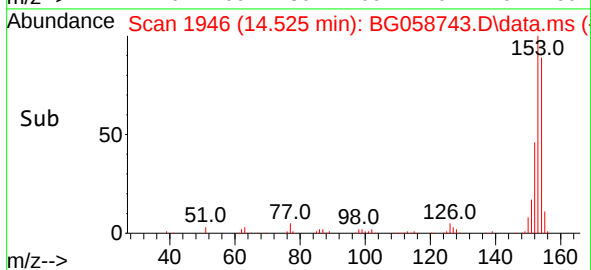
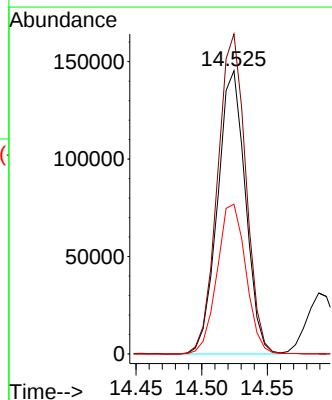
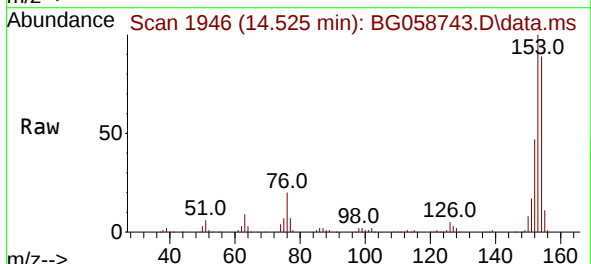
APPROVED

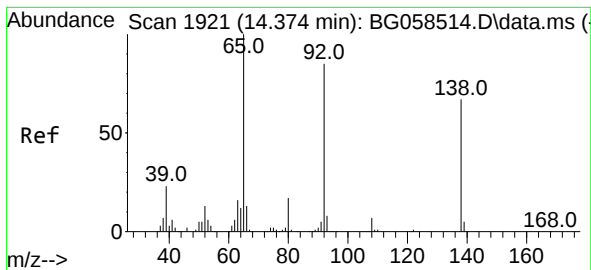
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 41.089 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:154 Resp: 214545
Ion Ratio Lower Upper
154 100
153 113.0 91.1 136.7
152 52.9 44.6 66.8





#53
3-Nitroaniline
Concen: 26.192 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

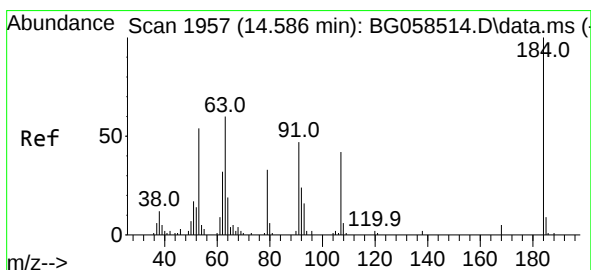
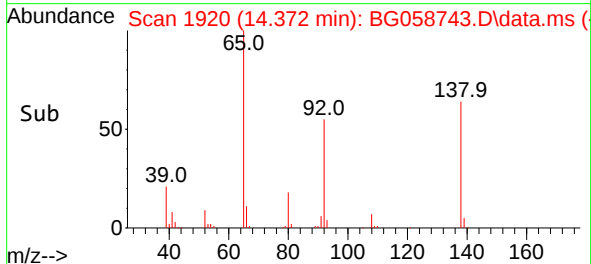
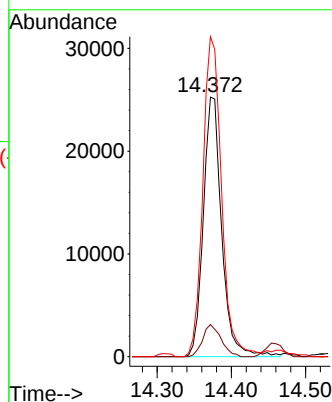
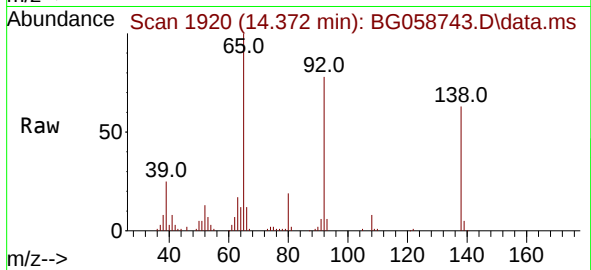
PB154832BS

Tgt Ion:138 Resp: 4352
Ion Ratio Lower Upper
138 100
108 12.4 8.3 12.5
92 123.3 101.1 151.7

Manual Integrations

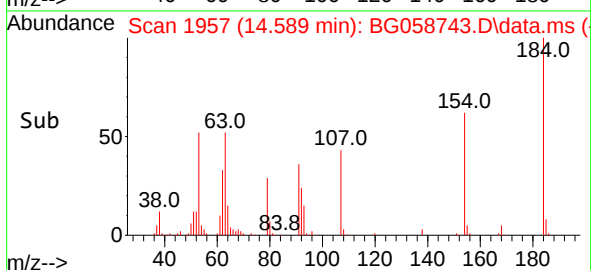
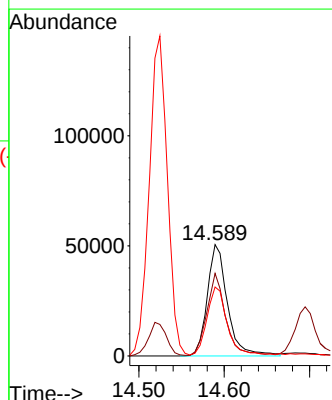
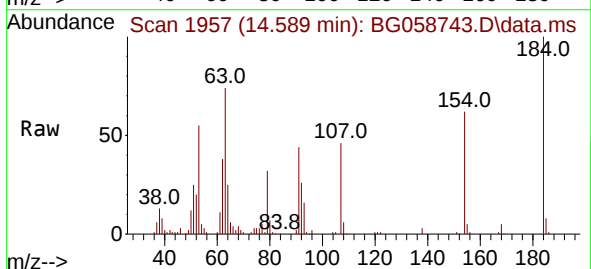
APPROVED

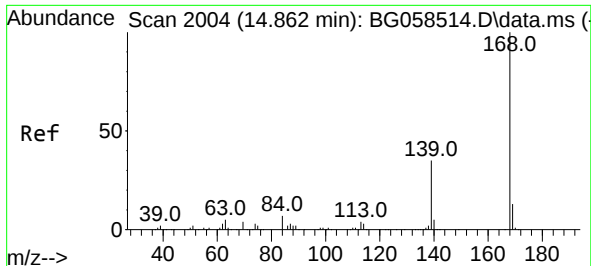
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 88.014 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

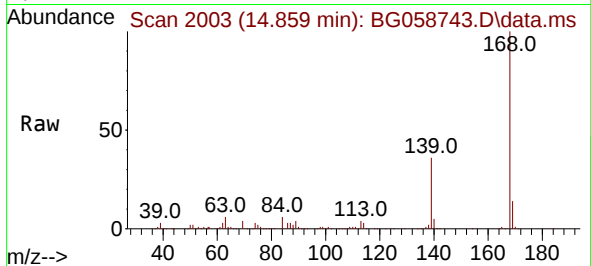
Tgt Ion:184 Resp: 83188
Ion Ratio Lower Upper
184 100
63 74.1 56.7 85.1
154 61.9 46.1 69.1





#55
Dibenzofuran
Concen: 41.442 ng
RT: 14.859 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

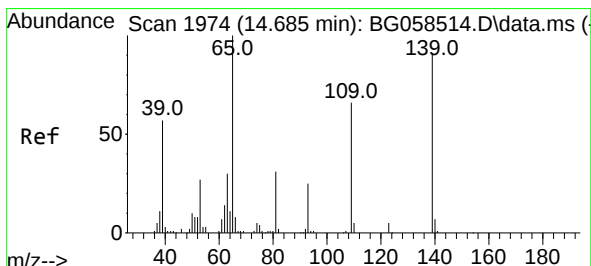
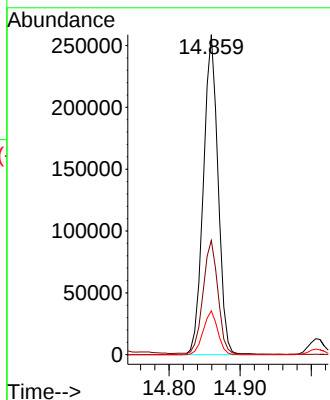
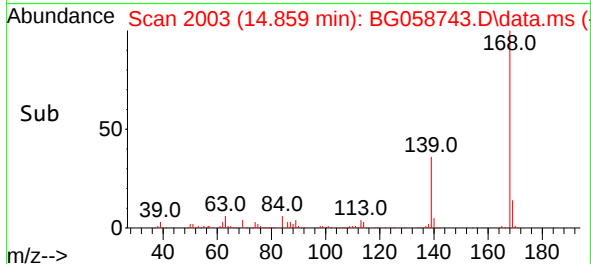
Instrument :
BNA_G
ClientSampleId :
PB154832BS



Tgt Ion:168 Resp: 371828
Ion Ratio Lower Upper
168 100
139 35.7 27.8 41.8
169 13.7 10.6 16.0

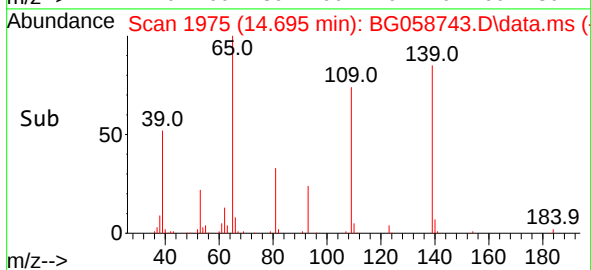
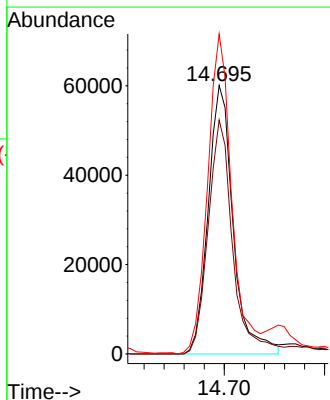
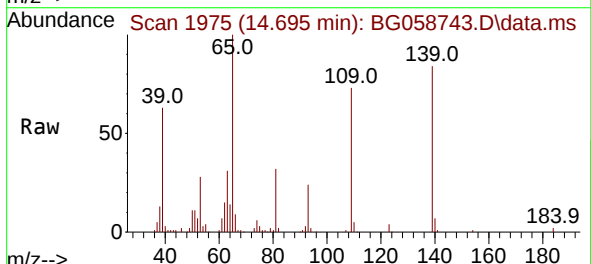
Manual Integrations
APPROVED

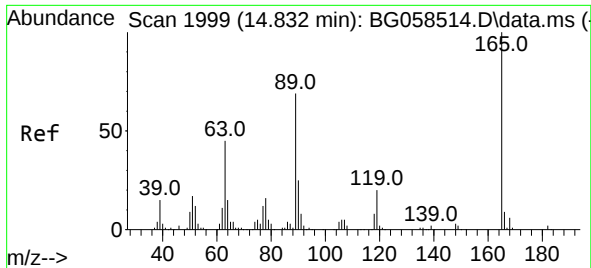
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 84.142 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:139 Resp: 103837
Ion Ratio Lower Upper
139 100
109 87.2 52.5 92.5
65 119.2 90.5 130.5





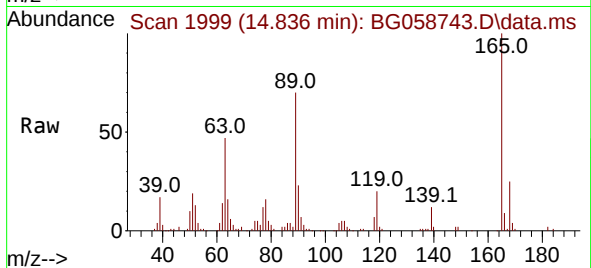
#57
2,4-Dinitrotoluene
Concen: 46.043 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

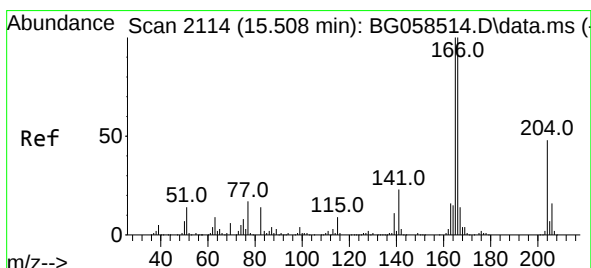
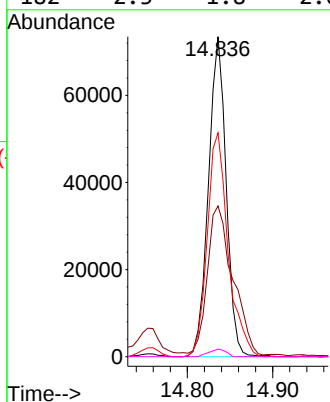
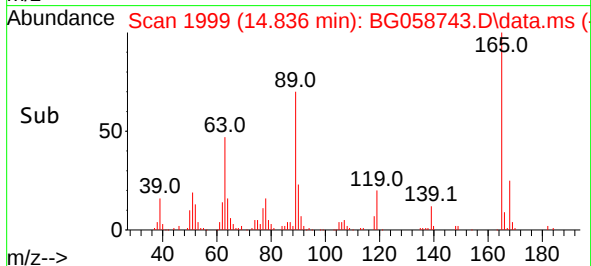


Tgt Ion:165 Resp: 106030
Ion Ratio Lower Upper
165 100
63 47.1 36.6 54.8
89 69.9 55.4 83.0
182 2.3 1.8 2.6

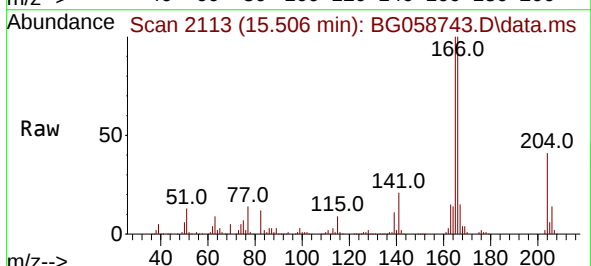
Manual Integrations

APPROVED

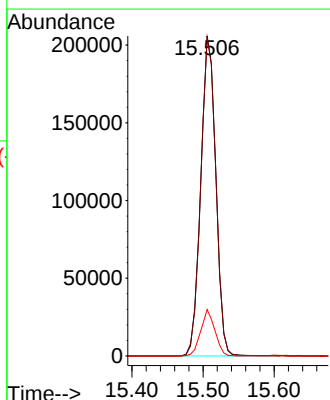
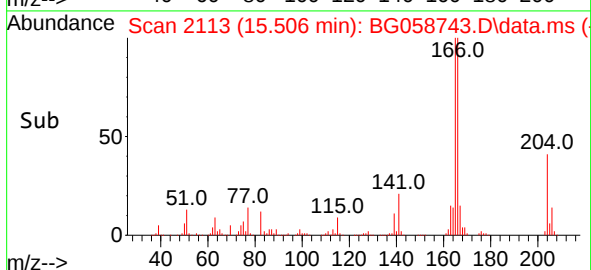
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

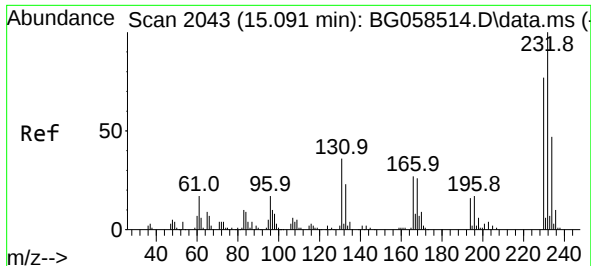


#58
Fluorene
Concen: 42.556 ng
RT: 15.506 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:166 Resp: 303322
Ion Ratio Lower Upper
166 100
165 99.5 80.0 120.0
167 14.5 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.746 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

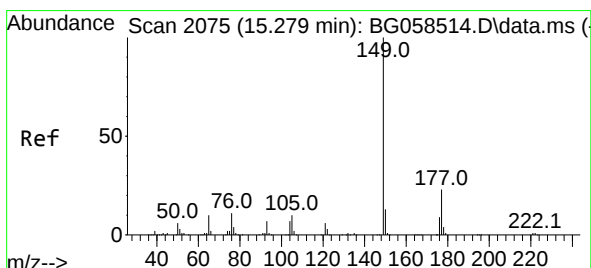
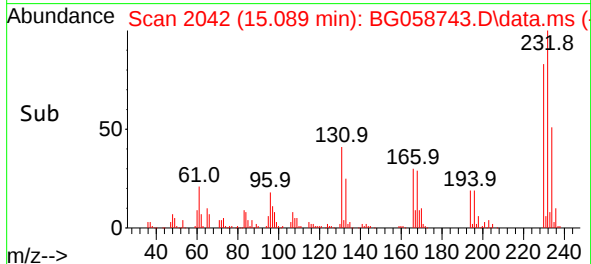
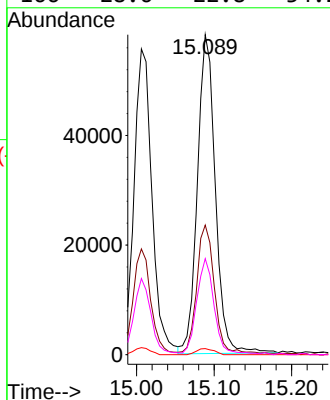
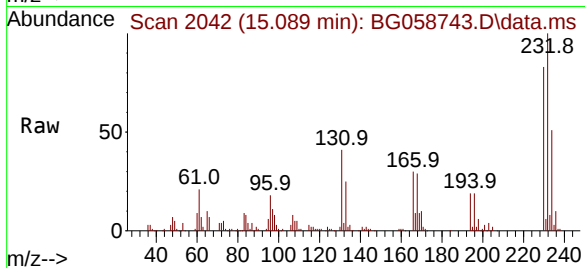
PB154832BS

Tgt Ion:232 Resp: 9358
Ion Ratio Lower Upper
232 100
131 41.4 30.0 45.0
130 1.9 1.5 2.3
166 28.6 22.8 34.2

Manual Integrations

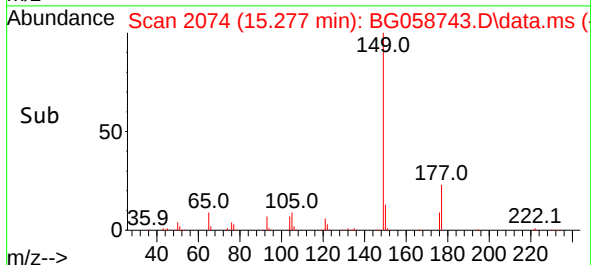
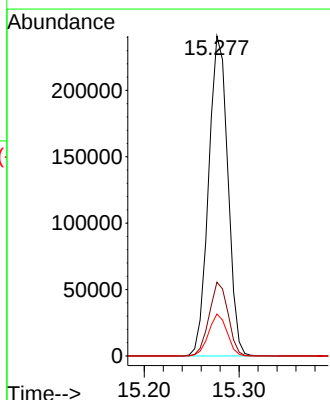
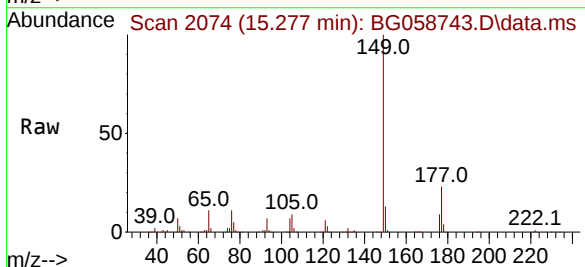
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#60
Diethylphthalate
Concen: 43.871 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:149 Resp: 338340
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.643 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

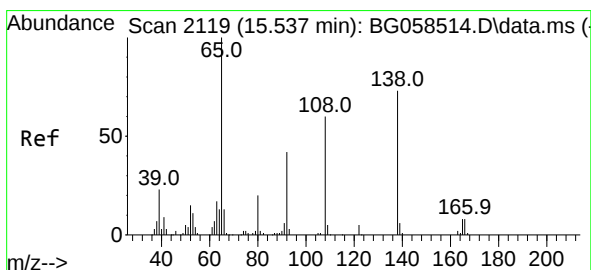
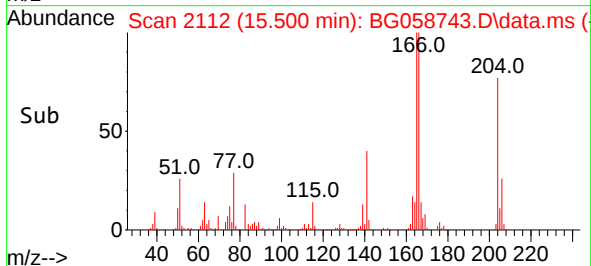
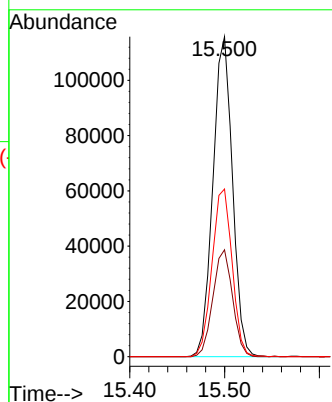
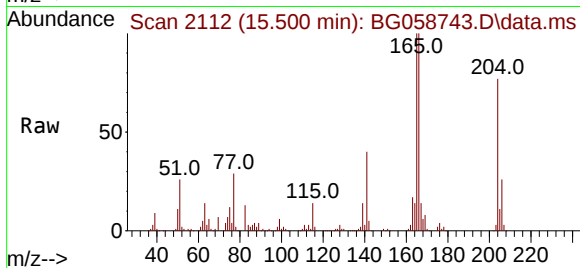
ClientSampleId :

PB154832BS

Tgt Ion:204 Resp: 165478
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 52.4 40.8 61.2

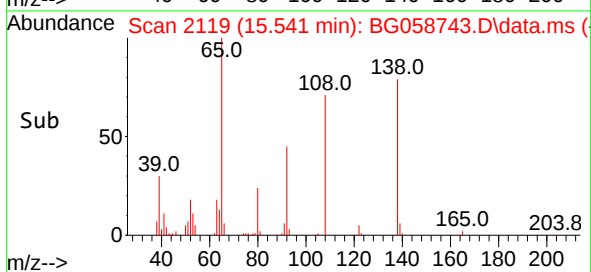
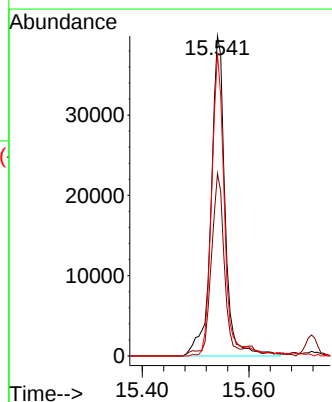
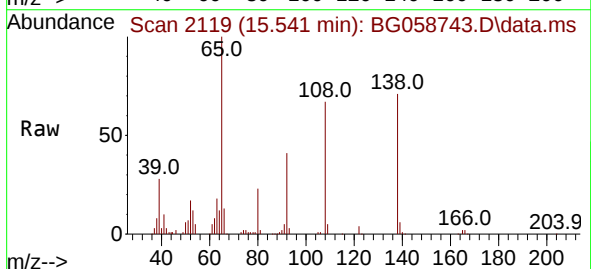
Manual Integrations
APPROVED

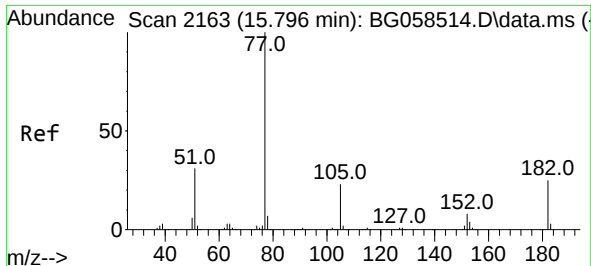
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 46.133 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:138 Resp: 72627
Ion Ratio Lower Upper
138 100
92 57.0 37.3 77.3
108 94.5 62.6 102.6





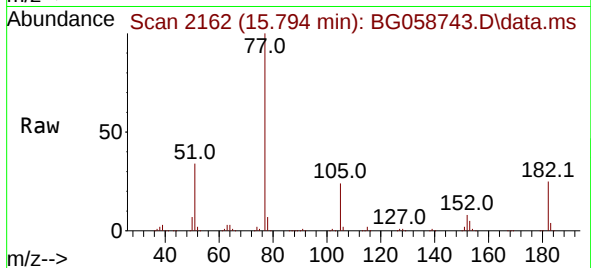
#63
Azobenzene
Concen: 41.587 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

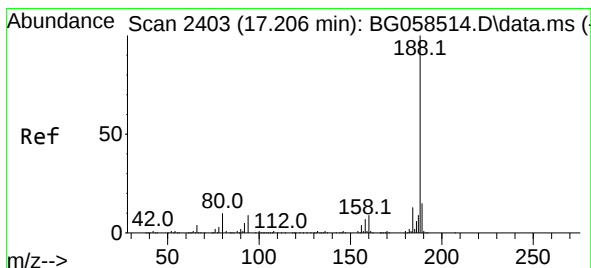
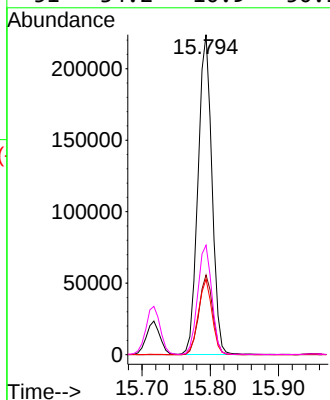
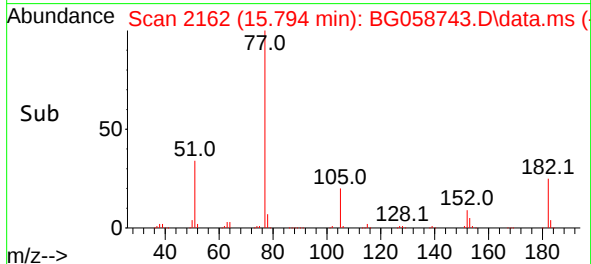


Tgt Ion: 77 Resp: 31590
Ion Ratio Lower Upper
77 100
182 24.9 4.6 44.6
105 23.6 3.3 43.3
51 34.2 10.9 50.9

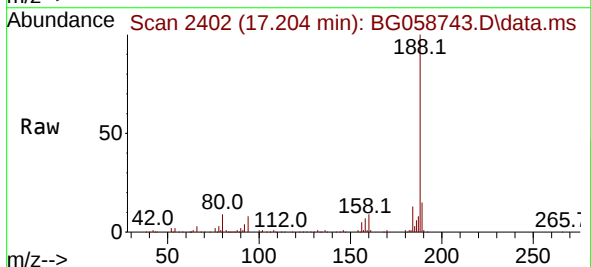
Manual Integrations

APPROVED

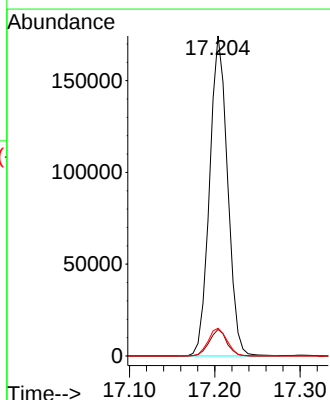
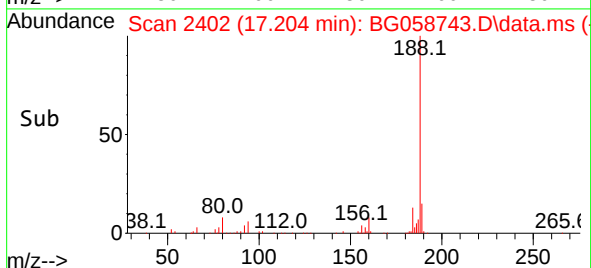
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

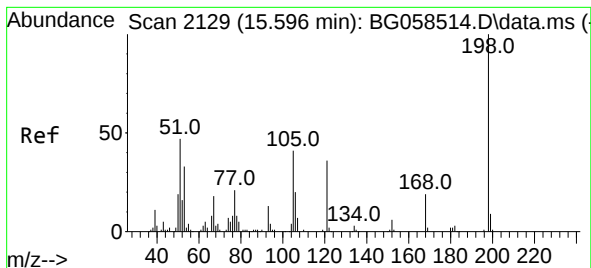


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:188 Resp: 256325
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.6 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 44.796 ng
RT: 15.600 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

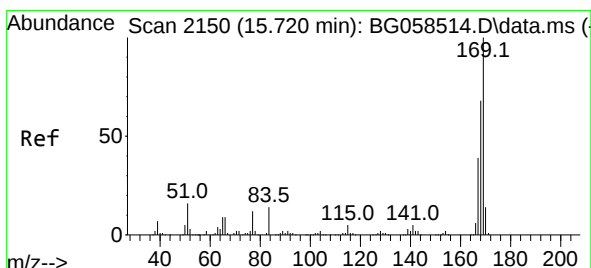
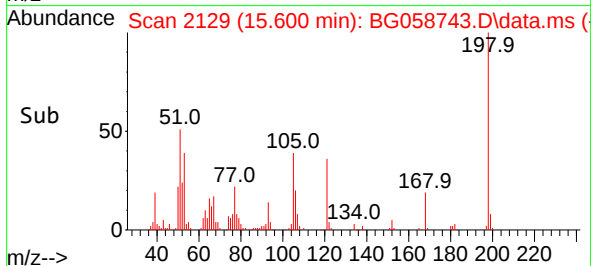
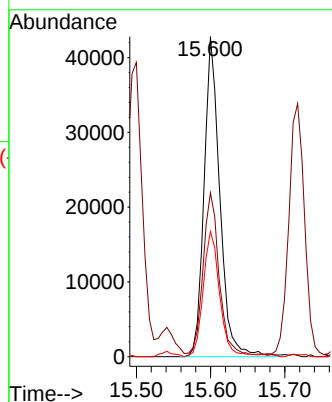
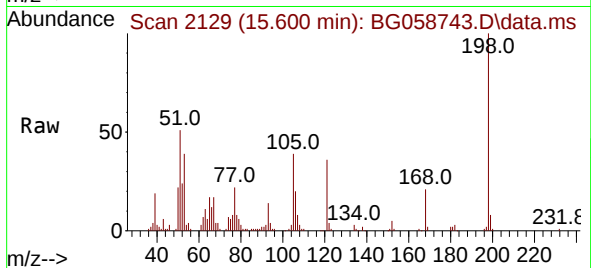
PB154832BS

Tgt Ion:198 Resp: 63312
Ion Ratio Lower Upper
198 100
51 51.2 29.3 69.3
105 39.2 21.0 61.0

Manual Integrations

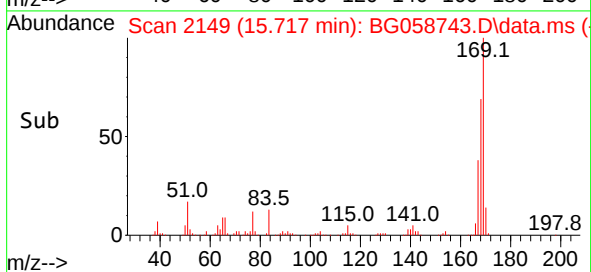
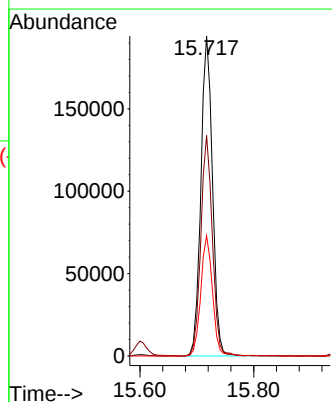
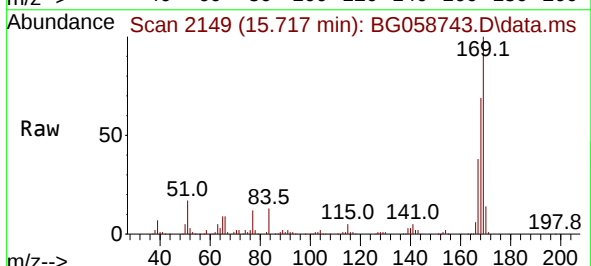
APPROVED

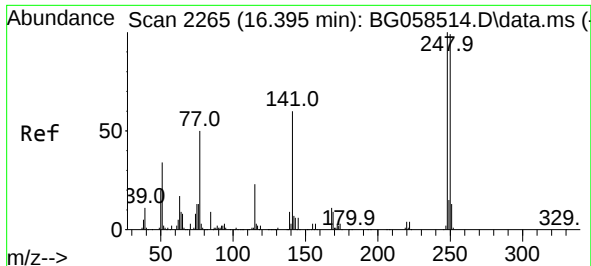
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 41.227 ng
RT: 15.717 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:169 Resp: 275045
Ion Ratio Lower Upper
169 100
168 68.9 54.6 82.0
167 37.6 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 40.356 ng
RT: 16.393 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

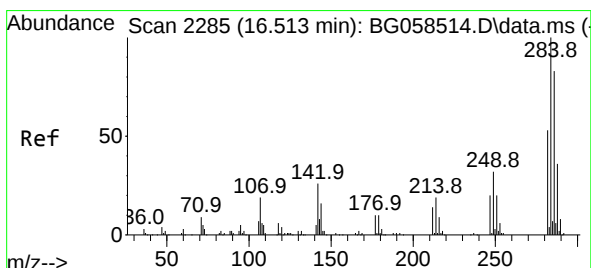
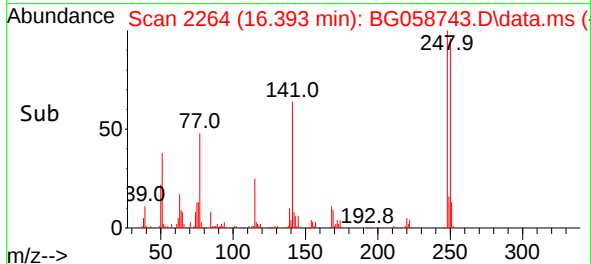
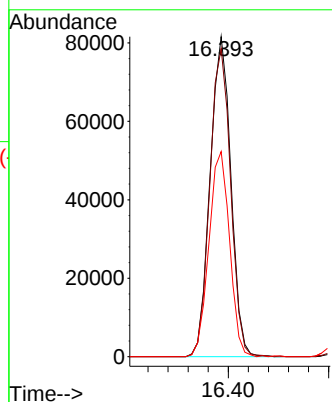
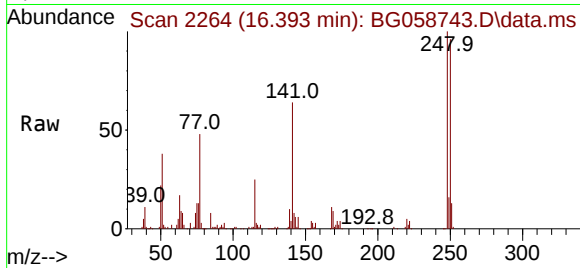
ClientSampleId :

PB154832BS

Tgt Ion:248 Resp: 11732
Ion Ratio Lower Upper
248 100
250 96.3 79.5 119.3
141 64.1 48.2 72.2

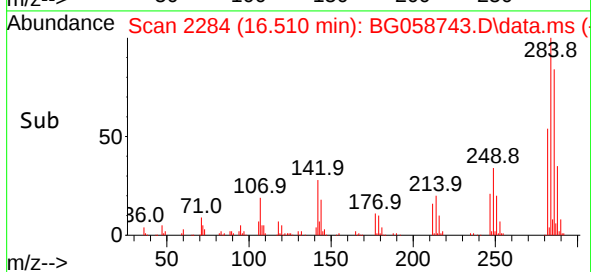
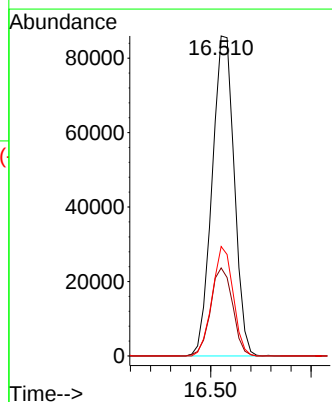
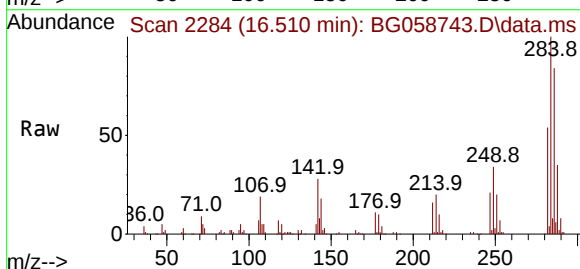
Manual Integrations
APPROVED

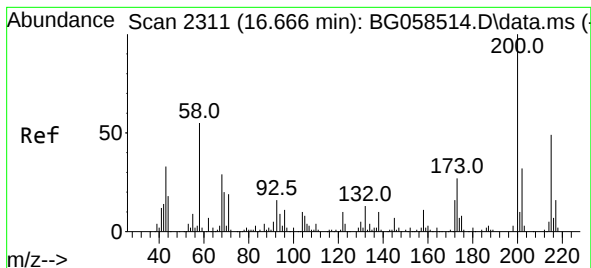
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#68
Hexachlorobenzene
Concen: 42.726 ng
RT: 16.510 min Scan# 2284
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:284 Resp: 131626
Ion Ratio Lower Upper
284 100
142 27.5 21.0 31.4
249 34.2 25.5 38.3





#69

Atrazine

Concen: 51.730 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

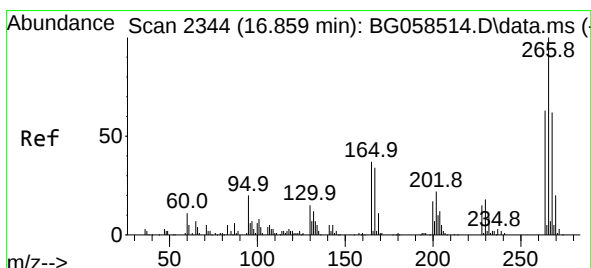
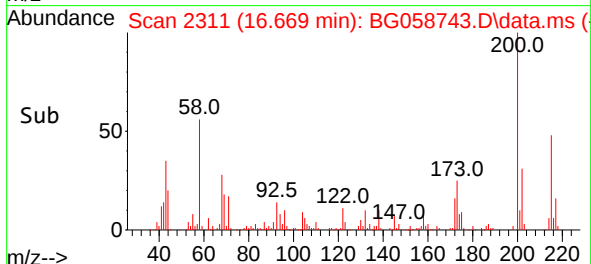
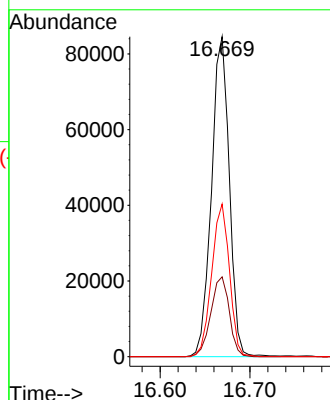
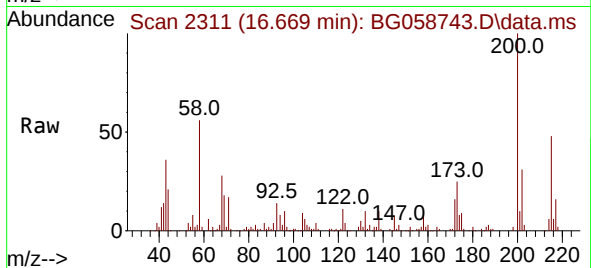
PB154832BS

Tgt Ion:200 Resp: 11650
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.5 46.5
 215 47.7 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023



#70

Pentachlorophenol

Concen: 67.702 ng

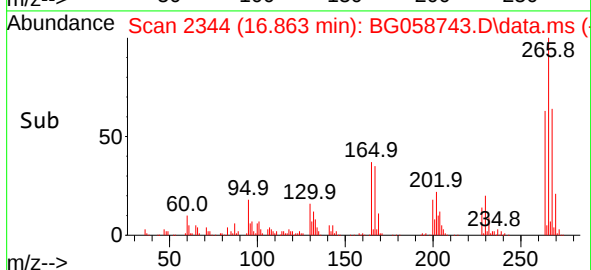
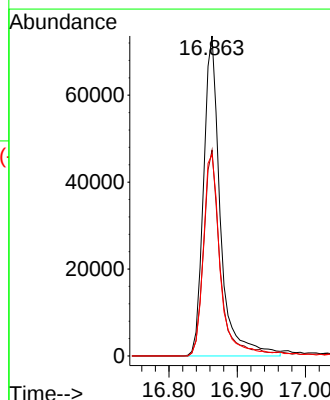
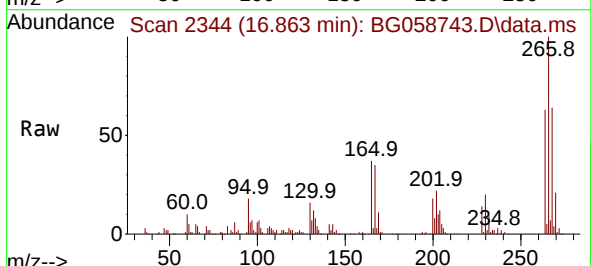
RT: 16.863 min Scan# 2344

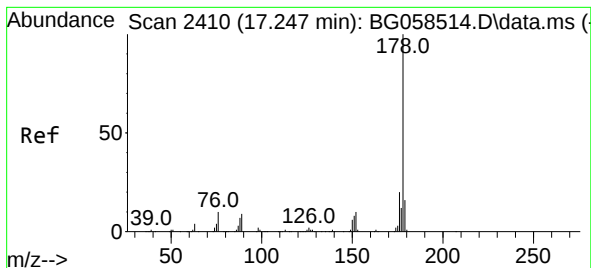
Delta R.T. 0.004 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Tgt Ion:266 Resp: 126243
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.9 74.9
 264 63.0 50.2 75.4





#71

Phenanthrene

Concen: 42.138 ng

RT: 17.251 min Scan# 2410

Delta R.T. 0.004 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

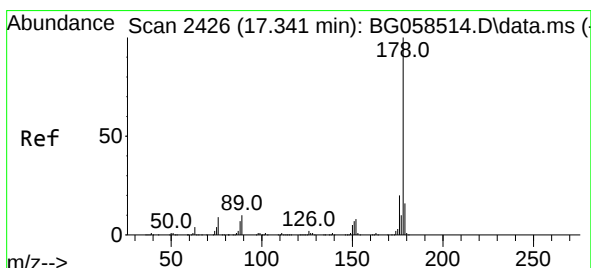
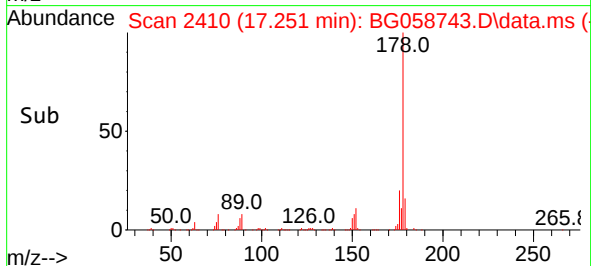
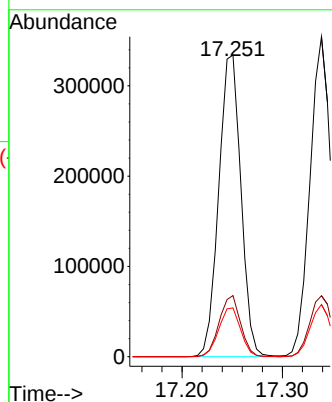
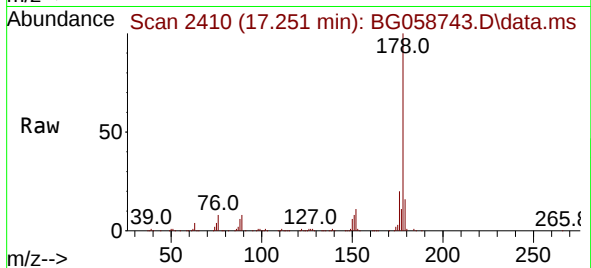
PB154832BS

Tgt Ion:178 Resp: 51223
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 16.2 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023



#72

Anthracene

Concen: 41.822 ng

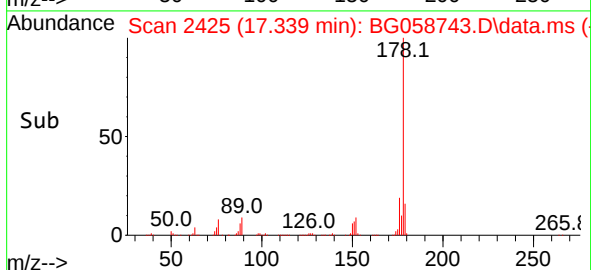
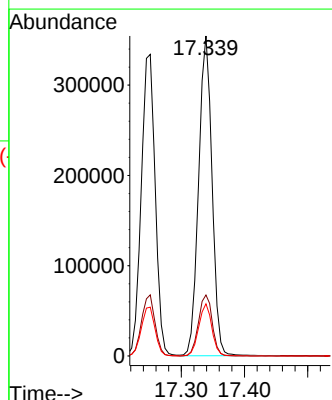
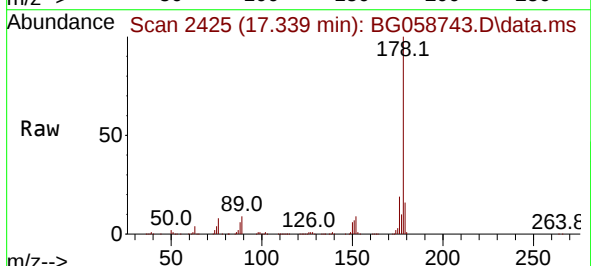
RT: 17.339 min Scan# 2425

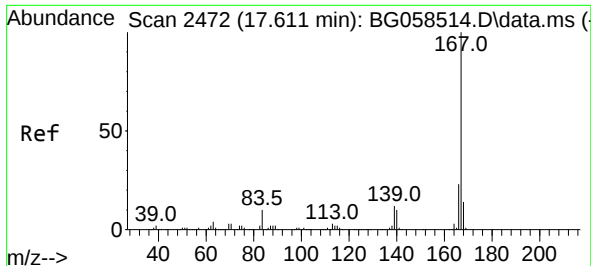
Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

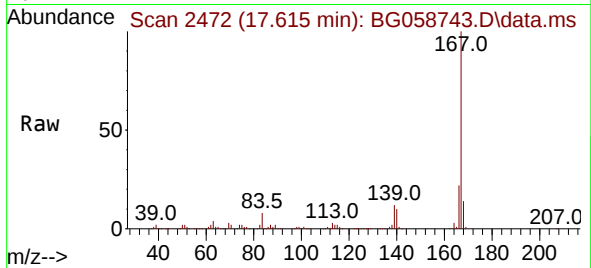
Tgt Ion:178 Resp: 521649
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 16.3 12.9 19.3





#73
 Carbazole
 Concen: 43.959 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058743.D
 Acq: 16 Aug 2023 11:20

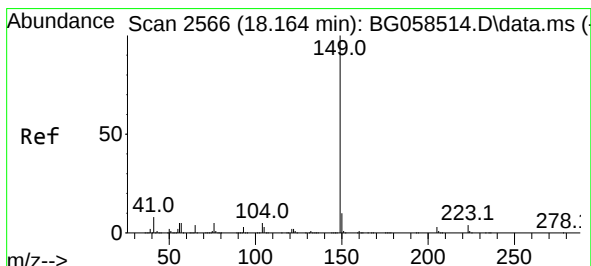
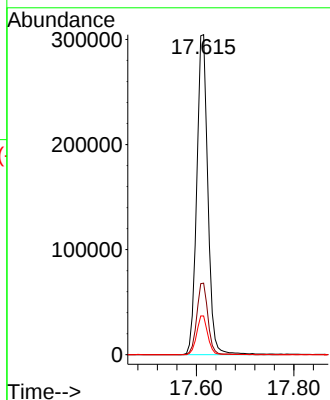
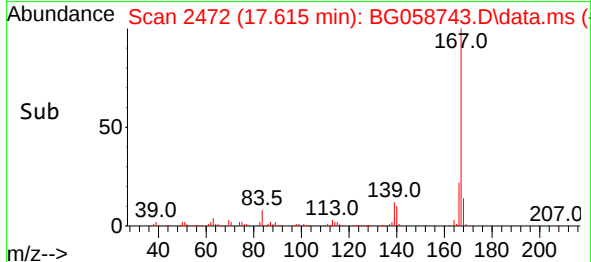
Instrument :
 BNA_G
 ClientSampleId :
 PB154832BS



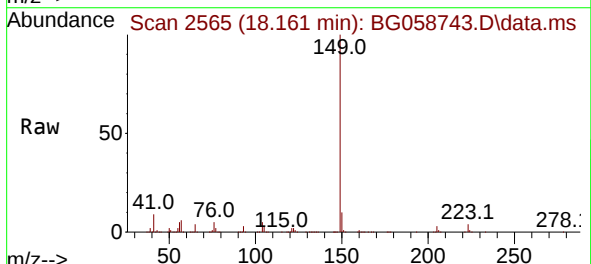
Tgt Ion:167 Resp: 48350
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 12.1 10.0 15.0

Manual Integrations
 APPROVED

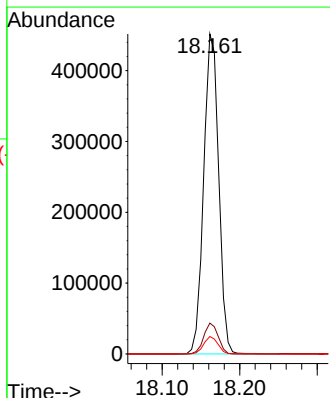
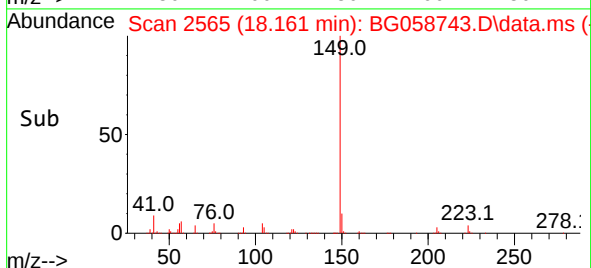
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

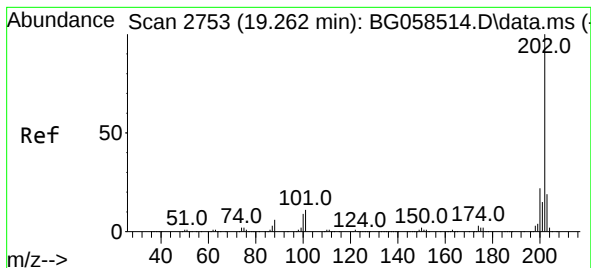


#74
 Di-n-butylphthalate
 Concen: 43.940 ng
 RT: 18.161 min Scan# 2565
 Delta R.T. -0.002 min
 Lab File: BG058743.D
 Acq: 16 Aug 2023 11:20



Tgt Ion:149 Resp: 605357
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 43.334 ng

RT: 19.266 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

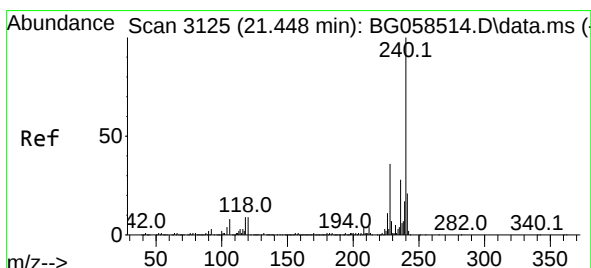
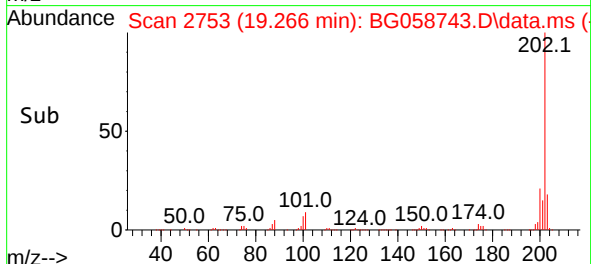
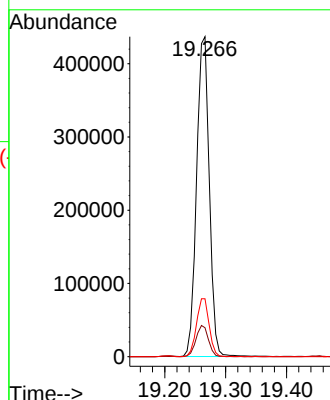
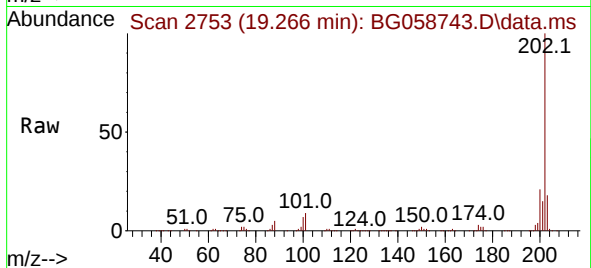
Tgt Ion:	202	Resp:	63276
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	31.4
203	18.1	0.0	39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#76

Chrysene-d12

Concen: 20.000 ng

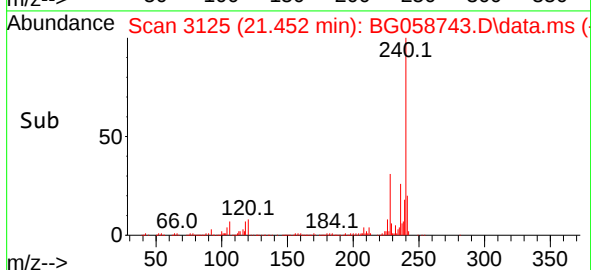
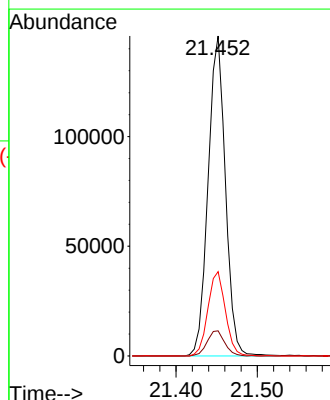
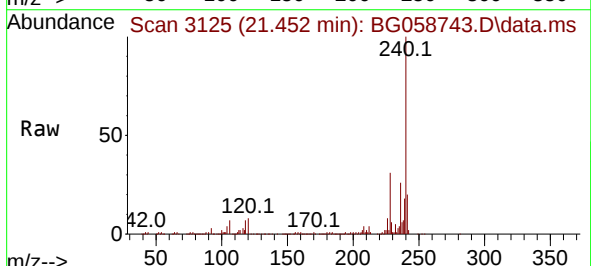
RT: 21.452 min Scan# 3125

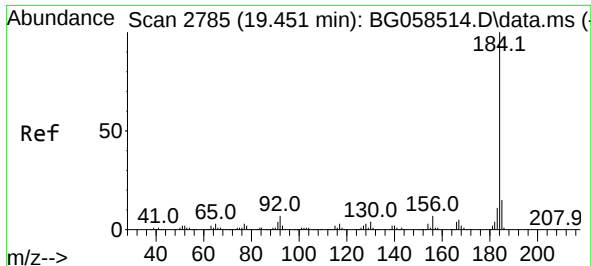
Delta R.T. 0.004 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

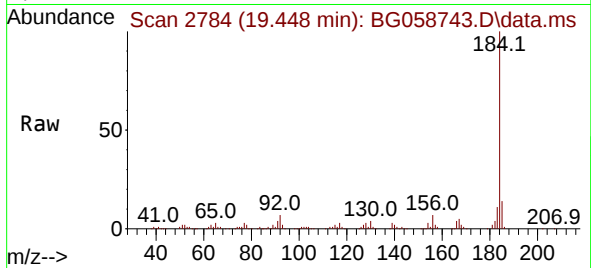
Tgt Ion:	240	Resp:	215675
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.4	11.0
236	26.3	22.2	33.4





#77
Benzidine
Concen: 68.296 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

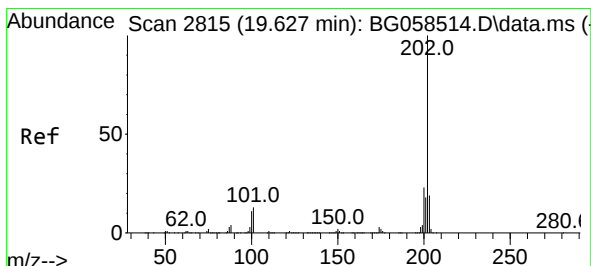
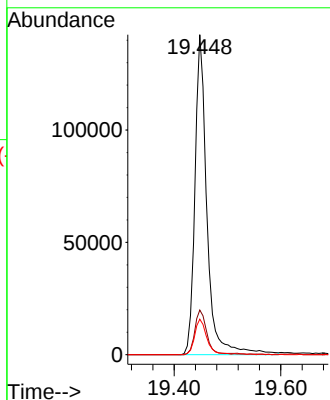
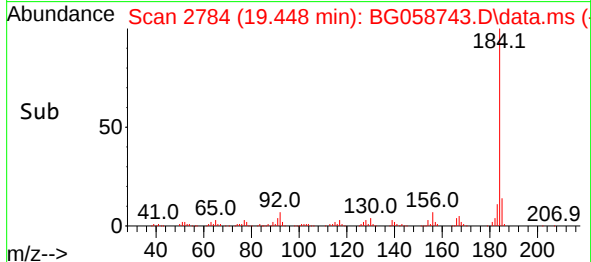
Instrument :
BNA_G
ClientSampleId :
PB154832BS



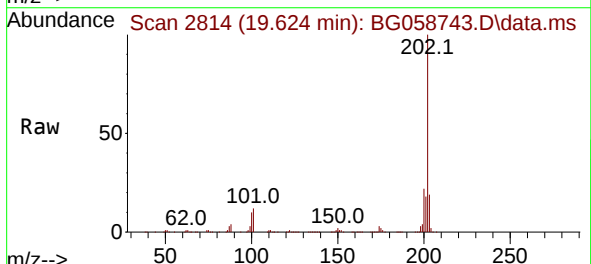
Tgt Ion:184 Resp: 22336
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.1 8.7 13.1

Manual Integrations
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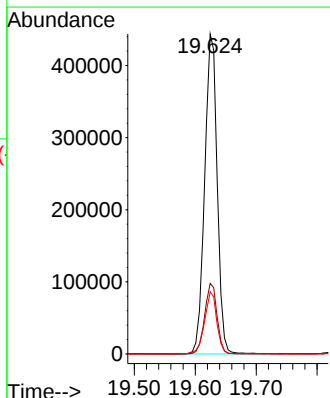
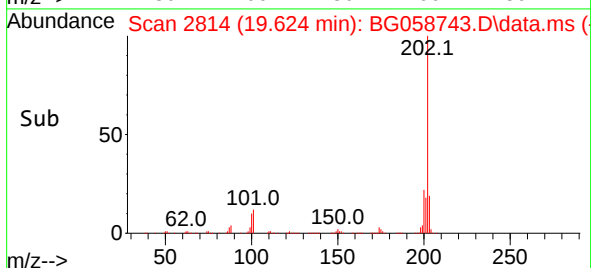
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#78
Pyrene
Concen: 43.227 ng
RT: 19.624 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:202 Resp: 634476
Ion Ratio Lower Upper
202 100
200 22.0 18.2 27.2
203 19.5 15.1 22.7





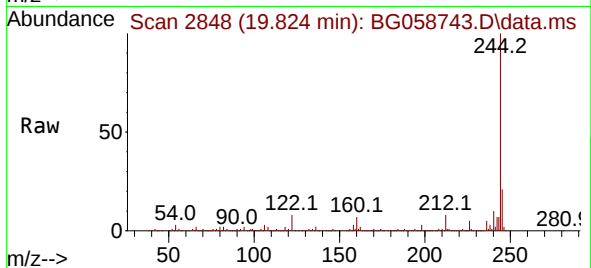
#79
 Terphenyl-d14
 Concen: 86.304 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058743.D
 Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

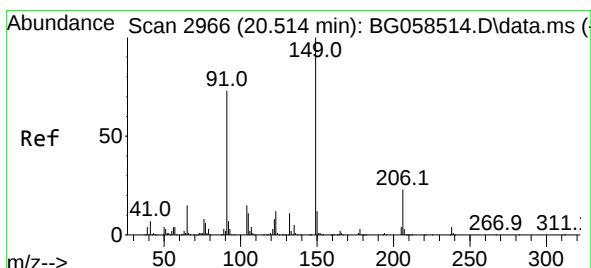
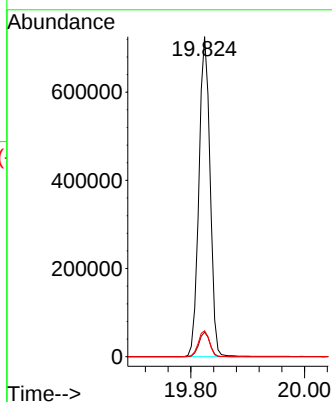
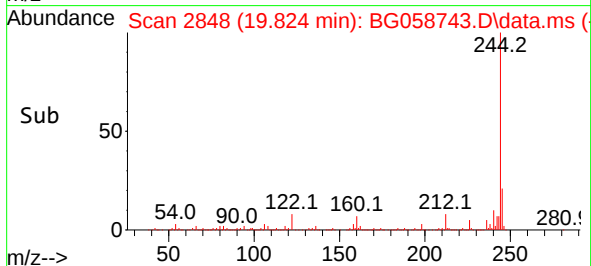


Tgt Ion:244 Resp: 989804
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.1 6.8 10.2

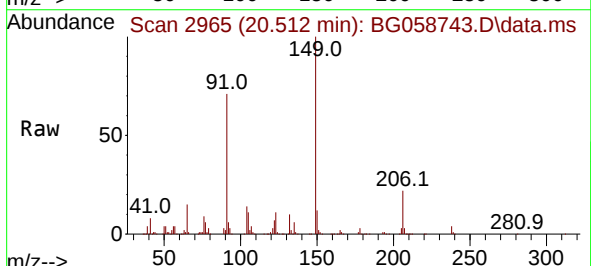
Manual Integrations

APPROVED

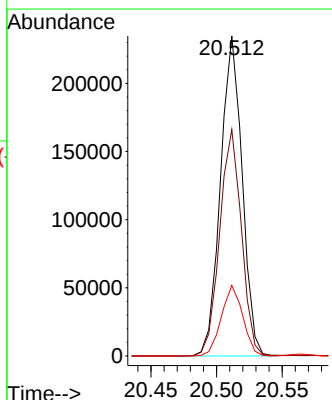
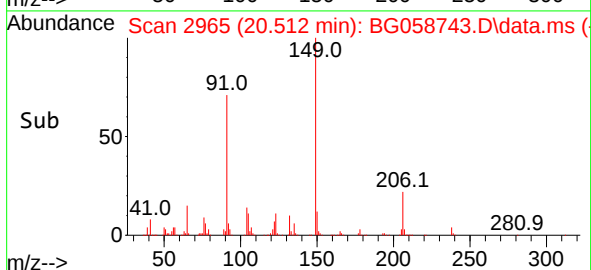
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

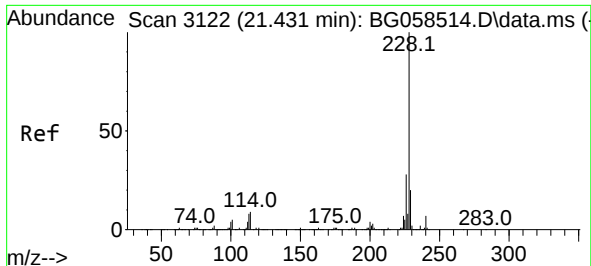


#80
 Butylbenzylphthalate
 Concen: 44.634 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058743.D
 Acq: 16 Aug 2023 11:20



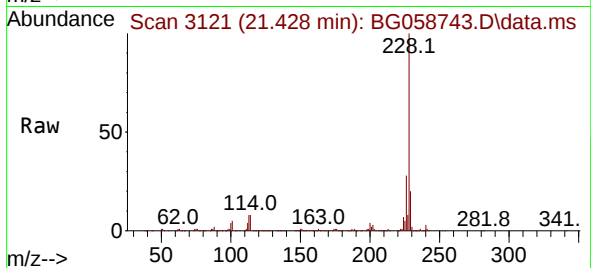
Tgt Ion:149 Resp: 269104
 Ion Ratio Lower Upper
 149 100
 91 70.8 58.4 87.6
 206 22.0 18.3 27.5





#81
Benzo(a)anthracene
Concen: 43.594 ng
RT: 21.428 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

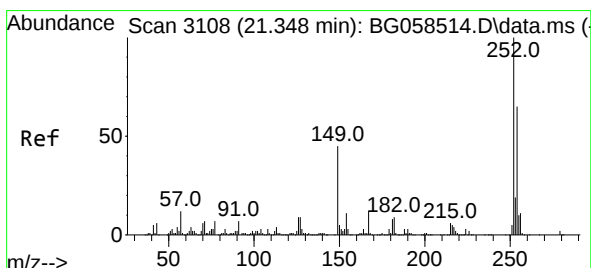
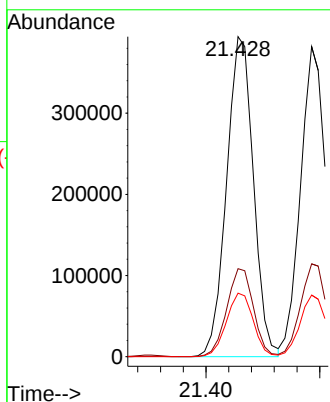
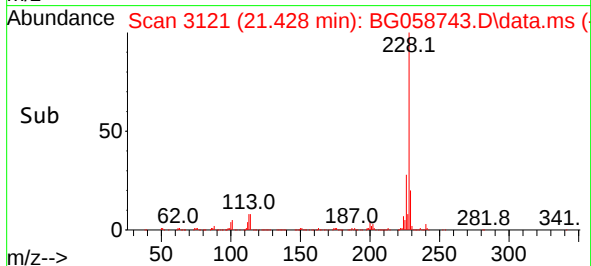
Instrument :
BNA_G
ClientSampleId :
PB154832BS



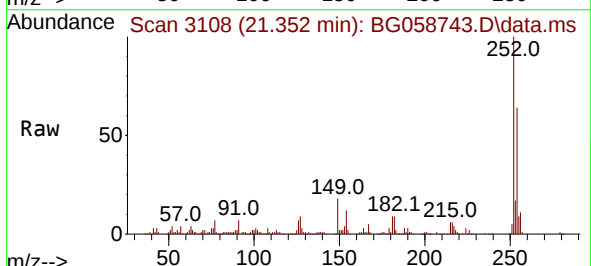
Tgt Ion:228 Resp: 647052
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.9 16.3 24.5

Manual Integrations
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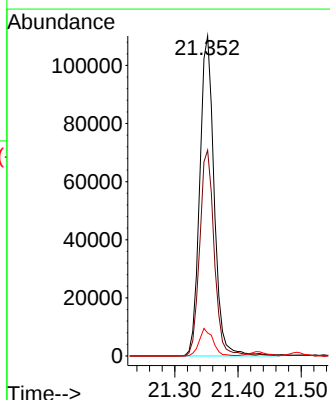
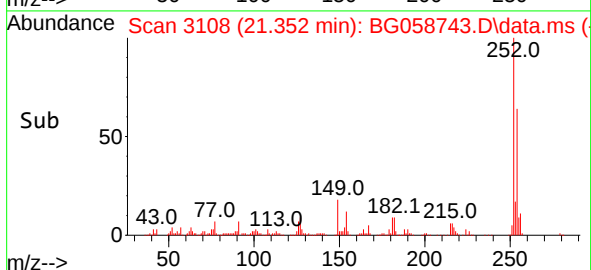
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

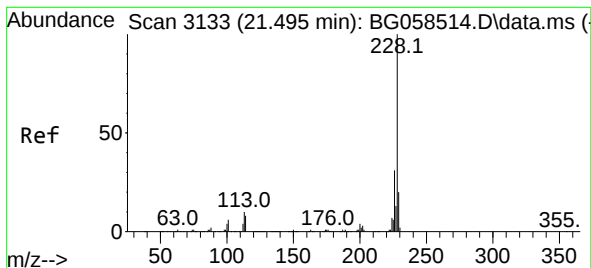


#82
3,3'-Dichlorobenzidine
Concen: 34.787 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:252 Resp: 174574
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.4
126 7.2 7.2 10.8





#83

Chrysene

Concen: 41.989 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

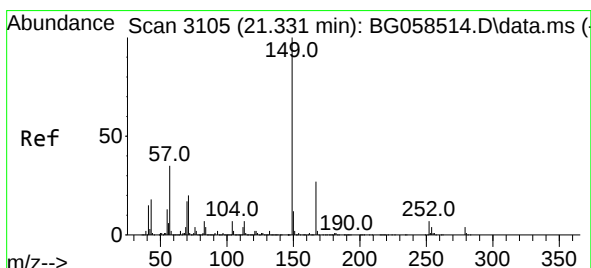
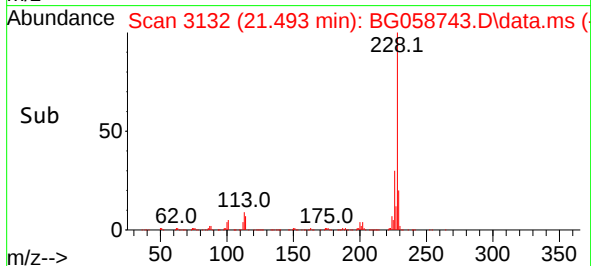
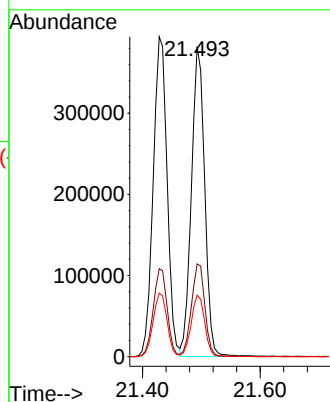
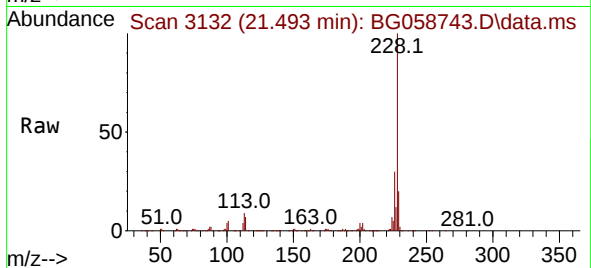
PB154832BS

Tgt Ion:228 Resp: 597540
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.6
 229 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.681 ng

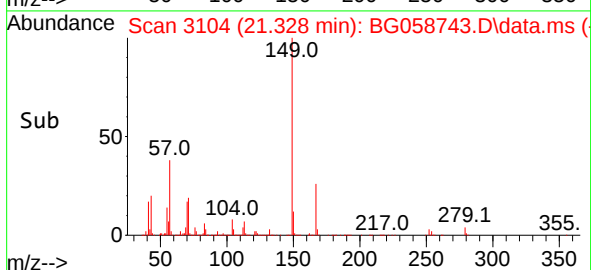
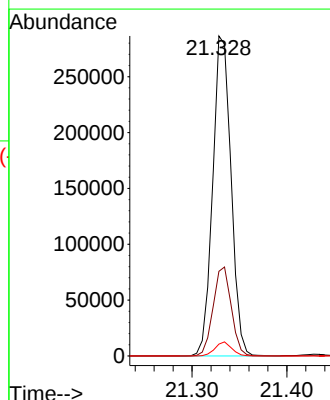
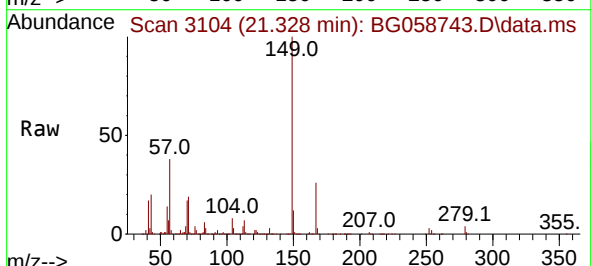
RT: 21.328 min Scan# 3104

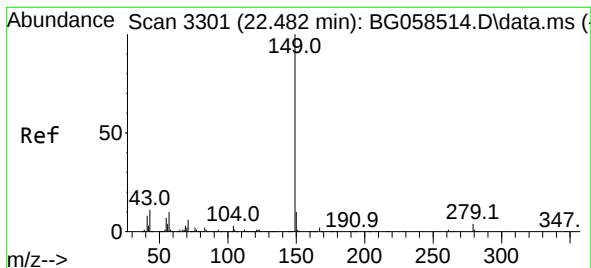
Delta R.T. -0.002 min

Lab File: BG058743.D

Acq: 16 Aug 2023 11:20

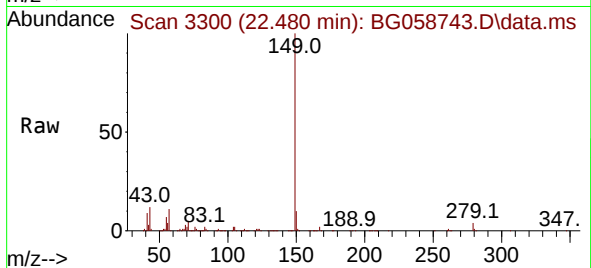
Tgt Ion:149 Resp: 384851
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.188 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

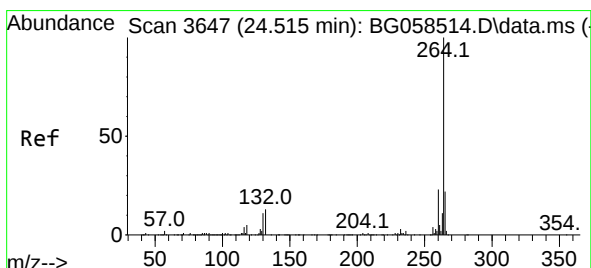
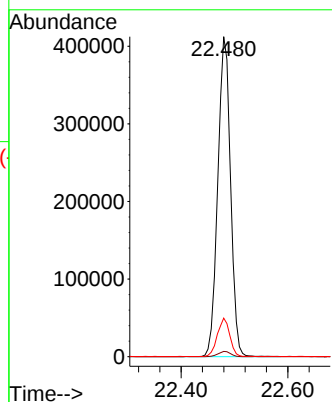
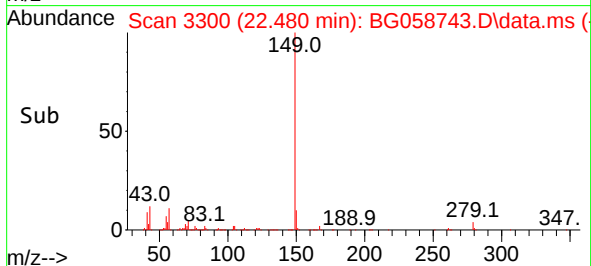
Instrument :
BNA_G
ClientSampleId :
PB154832BS



Tgt Ion:149 Resp: 684468
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 8.2 12.2

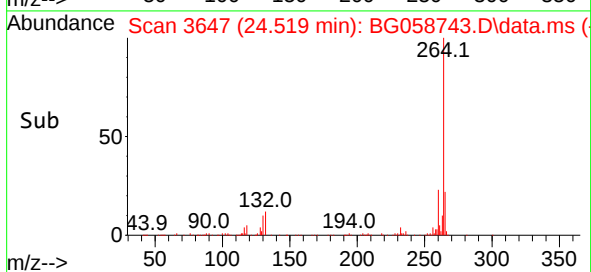
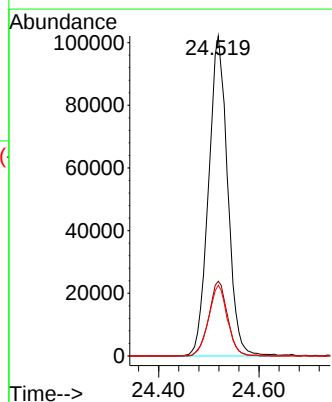
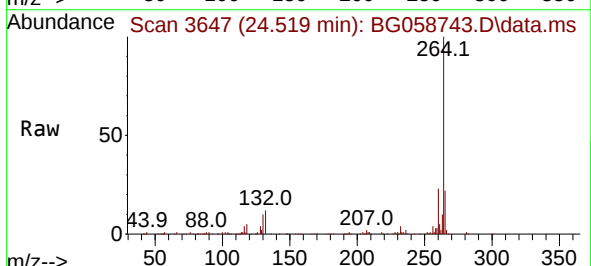
Manual Integrations
APPROVED

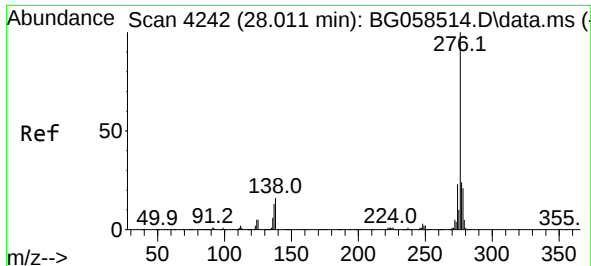
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

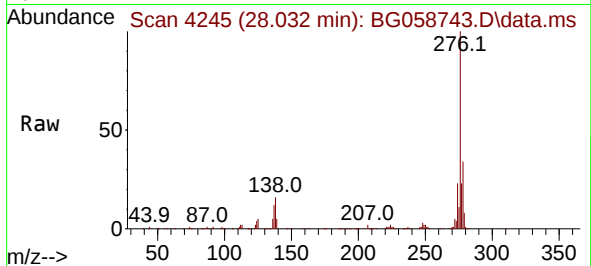
Tgt Ion:264 Resp: 268838
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.1 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.802 ng
RT: 28.032 min Scan# 41
Delta R.T. 0.021 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

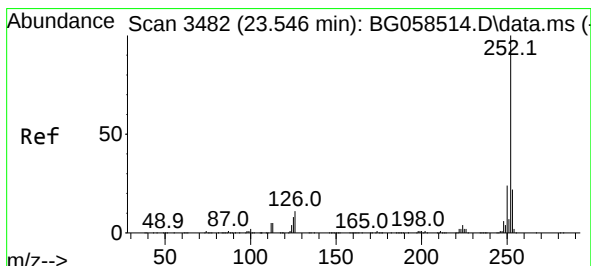
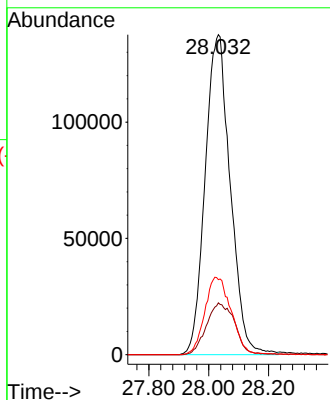
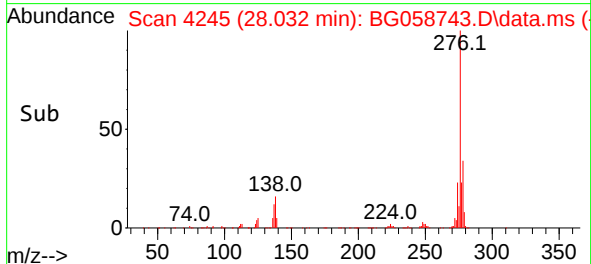
Instrument :
BNA_G
ClientSampleId :
PB154832BS



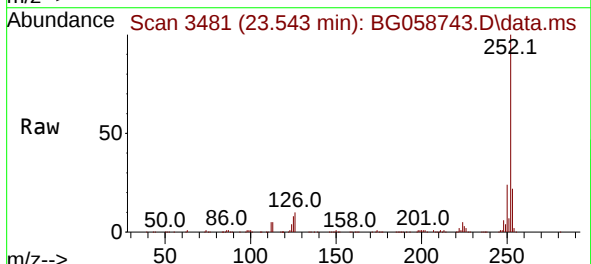
Tgt Ion: 276 Resp: 80127
Ion Ratio Lower Upper
276 100
138 18.1 16.0 24.0
277 25.3 20.4 30.6

Manual Integrations
APPROVED

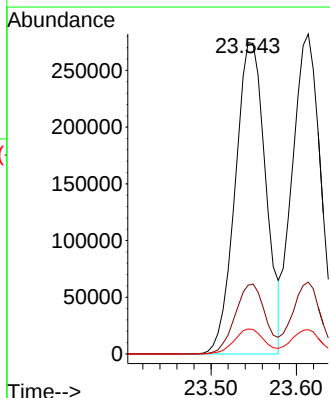
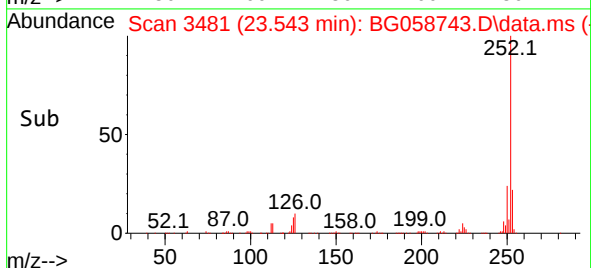
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#88
Benzo(b)fluoranthene
Concen: 46.929 ng
RT: 23.543 min Scan# 3481
Delta R.T. -0.002 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



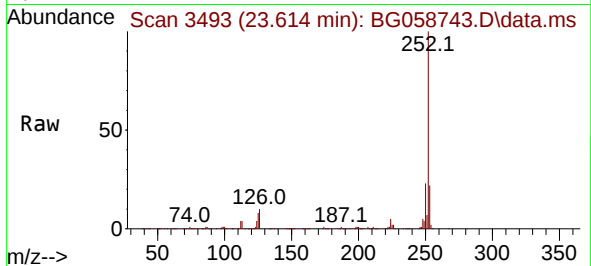
Tgt Ion: 252 Resp: 684275
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.0 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 44.618 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

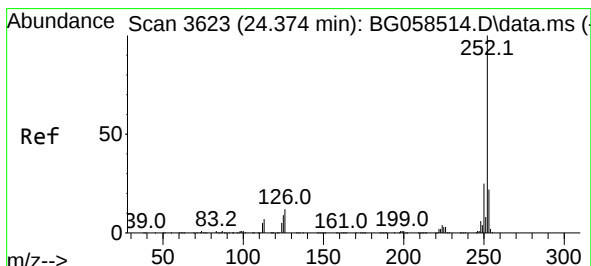
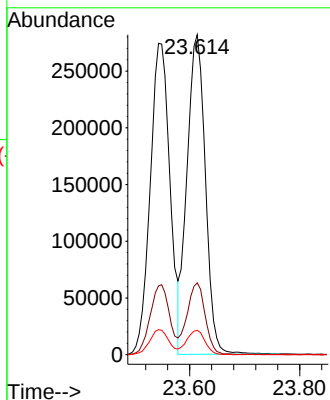
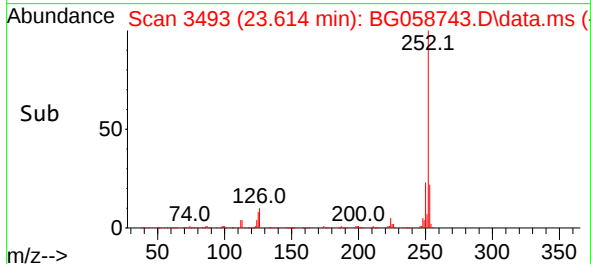
Instrument :
BNA_G
ClientSampleId :
PB154832BS



Tgt Ion:252 Resp: 65357
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 7.6 6.6 10.0

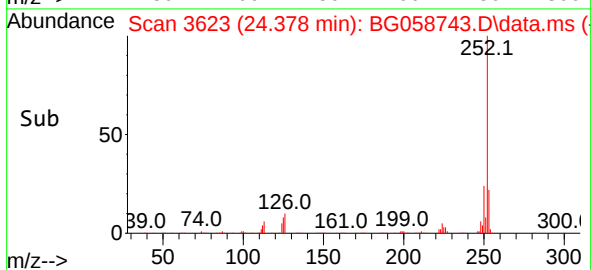
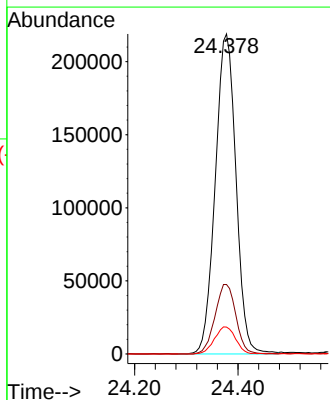
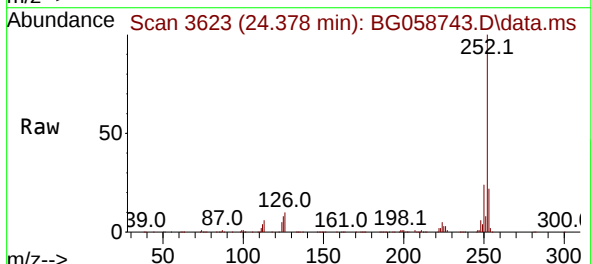
Manual Integrations
APPROVED

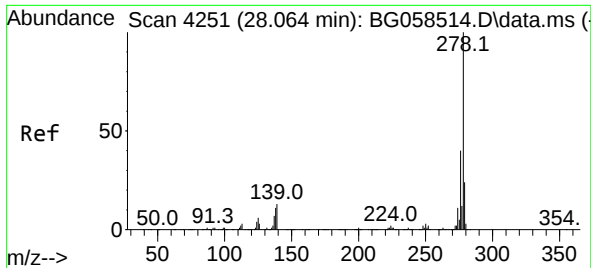
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#90
Benzo(a)pyrene
Concen: 42.451 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Tgt Ion:252 Resp: 607878
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.4 7.4 11.2





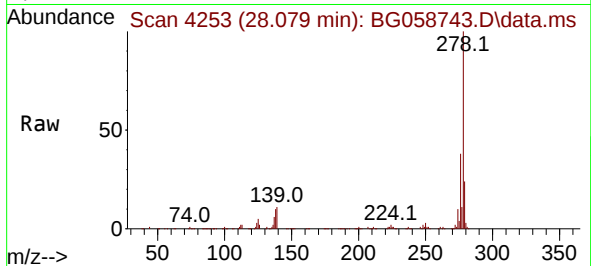
#91
Dibenzo(a,h)anthracene
Concen: 45.331 ng
RT: 28.079 min Scan# 41
Delta R.T. 0.015 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

PB154832BS

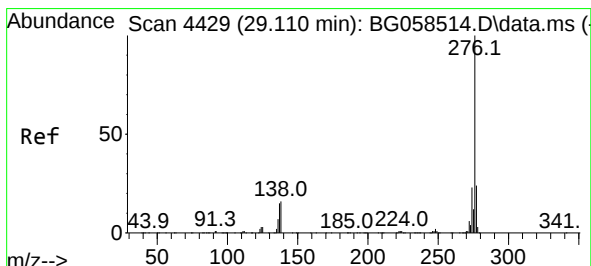
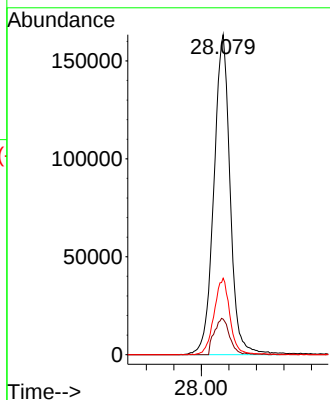
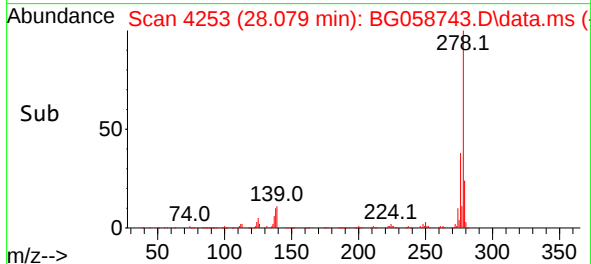


Tgt Ion:278 Resp: 67036
Ion Ratio Lower Upper
278 100
139 11.1 10.4 15.6
279 23.9 19.0 28.6

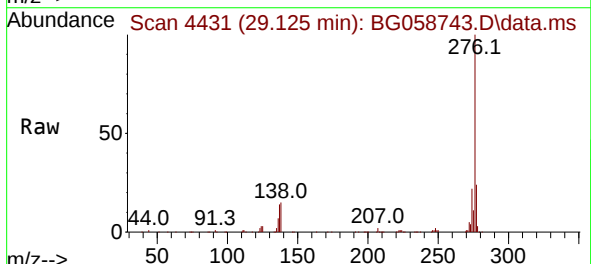
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#92
Benzo(g,h,i)perylene
Concen: 43.322 ng
RT: 29.125 min Scan# 4431
Delta R.T. 0.015 min
Lab File: BG058743.D
Acq: 16 Aug 2023 11:20



Tgt Ion:276 Resp: 642418
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 15.2 13.0 19.4

