

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058747.D
 Acq On : 16 Aug 2023 14:04
 Operator : MA/JU
 Sample : PB154612BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154612BS

Quant Time: Aug 16 14:42:32 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	23929	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	105843	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	78100	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	196892	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	168883	20.000	ng	0.00
86) Perylene-d12	24.524	264	211728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	247086	157.825	ng	0.00
7) Phenol-d6	6.986	99	339959	156.055	ng	0.00
23) Nitrobenzene-d5	8.978	82	205521	95.389	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	178519	139.455	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	489972	94.016	ng	0.00
79) Terphenyl-d14	19.830	244	909945	101.323	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	29315	38.642	ng	# 84
3) Pyridine	3.660	79	76799	37.132	ng	# 82
4) n-Nitrosodimethylamine	3.578	42	51824	59.137	ng	83
6) Aniline	7.139	93	116074	43.277	ng	98
8) 2-Chlorophenol	7.374	128	96003	62.508	ng	99
9) Benzaldehyde	6.951	77	51118	43.190	ng	95
10) Phenol	7.010	94	130331	61.245	ng	95
11) bis(2-Chloroethyl)ether	7.233	93	87595	52.213	ng	90
12) 1,3-Dichlorobenzene	7.697	146	91268	55.651	ng	98
13) 1,4-Dichlorobenzene	7.844	146	92282	56.040	ng	97
14) 1,2-Dichlorobenzene	8.161	146	91784	58.298	ng	98
15) Benzyl Alcohol	8.055	79	97051	70.249	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.337	45	188830m	69.291	ng	
17) 2-Methylphenol	8.261	107	90359	58.073	ng	97
18) Hexachloroethane	8.890	117	34050	56.889	ng	94
19) n-Nitroso-di-n-propyla...	8.619	70	76318	54.237	ng	# 87
20) 3+4-Methylphenols	8.590	107	120779	57.386	ng	96
22) Acetophenone	8.637	105	150844	53.225	ng	# 95
24) Nitrobenzene	9.019	77	116543	53.207	ng	96
25) Isophorone	9.536	82	226839	50.956	ng	98
26) 2-Nitrophenol	9.730	139	51919	54.453	ng	96
27) 2,4-Dimethylphenol	9.789	122	86990	55.003	ng	93
28) bis(2-Chloroethoxy)met...	10.024	93	124436	51.364	ng	97
29) 2,4-Dichlorophenol	10.265	162	97707	59.501	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	104726	55.301	ng	95
31) Naphthalene	10.664	128	289378	51.873	ng	99
32) Benzoic acid	9.965	122	55019	45.800	ng	94
33) 4-Chloroaniline	10.782	127	83694	35.509	ng	99
34) Hexachlorobutadiene	10.940	225	65968	54.091	ng	96
35) Caprolactam	11.563	113	33659m	55.507	ng	
36) 4-Chloro-3-methylphenol	11.910	107	119891	59.020	ng	95
37) 2-Methylnaphthalene	12.280	142	205752	51.562	ng	97
38) 1-Methylnaphthalene	12.497	142	198439	52.314	ng	98
40) 1,2,4,5-Tetrachloroben...	12.650	216	121273	50.578	ng	99
41) Hexachlorocyclopentadiene	12.626	237	107795	95.362	ng	99
43) 2,4,6-Trichlorophenol	12.897	196	89418	54.219	ng	98

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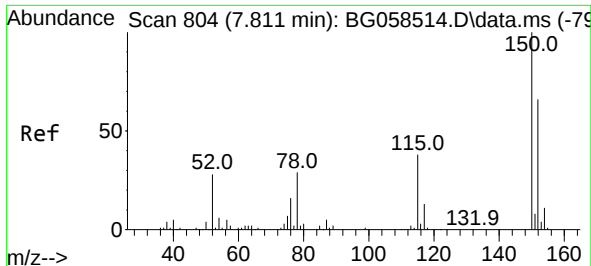
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	98710	50.816	ng	98
46) 1,1'-Biphenyl	13.290	154	278292	51.886	ng	98
47) 2-Chloronaphthalene	13.337	162	221887	53.058	ng	98
48) 2-Nitroaniline	13.549	65	89519	56.082	ng	99
49) Acenaphthylene	14.183	152	373292	53.316	ng	99
50) Dimethylphthalate	13.919	163	310613	52.956	ng	99
51) 2,6-Dinitrotoluene	14.042	165	69690	54.149	ng	93
52) Acenaphthene	14.524	154	211437	52.263	ng	97
53) 3-Nitroaniline	14.377	138	51084	39.673	ng	99
54) 2,4-Dinitrophenol	14.595	184	77152	103.878	ng	94
55) Dibenzofuran	14.859	168	364671	52.458	ng	98
56) 4-Nitrophenol	14.701	139	101836	105.621	ng	92
57) 2,4-Dinitrotoluene	14.836	165	101089	56.656	ng	95
58) Fluorene	15.511	166	294157	53.265	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.094	232	90579	54.645	ng	98
60) Diethylphthalate	15.282	149	326953	54.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	163680	53.162	ng	97
62) 4-Nitroaniline	15.547	138	71494	58.613	ng	94
63) Azobenzene	15.793	77	306365	52.053	ng	96
65) 4,6-Dinitro-2-methylph...	15.605	198	59549	54.851	ng	98
66) n-Nitrosodiphenylamine	15.717	169	267211	52.143	ng	97
67) 4-Bromophenyl-phenylether	16.393	248	112601	50.422	ng	97
68) Hexachlorobenzene	16.516	284	126377	53.405	ng	96
69) Atrazine	16.669	200	111662	64.547	ng	98
70) Pentachlorophenol	16.863	266	117571	82.084	ng	96
71) Phenanthrene	17.250	178	497837	53.316	ng	99
72) Anthracene	17.339	178	501194	52.311	ng	99
73) Carbazole	17.615	167	464789	55.012	ng	99
74) Di-n-butylphthalate	18.167	149	579978	54.805	ng	99
75) Fluoranthene	19.266	202	606974	54.115	ng	97
77) Benzidine	19.454	184	224081	87.499	ng	96
78) Pyrene	19.630	202	615507	53.553	ng	98
80) Butylbenzylphthalate	20.511	149	257780	54.602	ng	99
81) Benzo(a)anthracene	21.434	228	625119	53.786	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	194557	49.510	ng	100
83) Chrysene	21.498	228	579044	51.963	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	370550	53.711	ng	99
85) Di-n-octyl phthalate	22.485	149	657492	54.207	ng	96
87) Indeno(1,2,3-cd)pyrene	28.026	276	788501	55.979	ng	98
88) Benzo(b)fluoranthene	23.549	252	661823	57.632	ng	99
89) Benzo(k)fluoranthene	23.614	252	630642	54.665	ng	99
90) Benzo(a)pyrene	24.383	252	587450	52.090	ng	99
91) Dibenzo(a,h)anthracene	28.091	278	643742	55.272	ng	98
92) Benzo(g,h,i)perylene	29.137	276	617091	52.838	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# 804
Delta R.T. -0.002 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

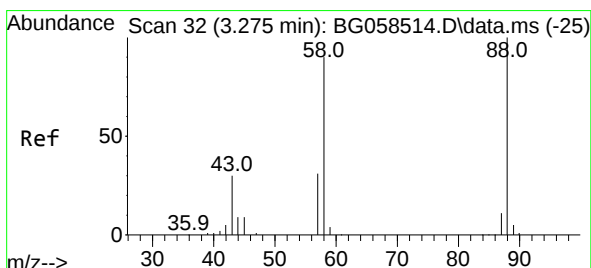
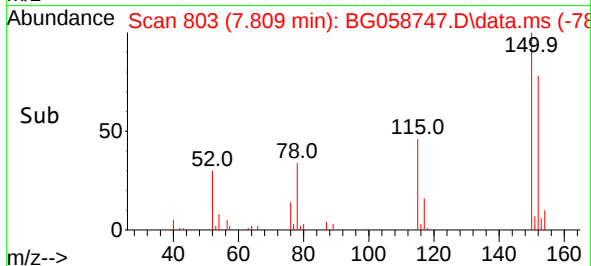
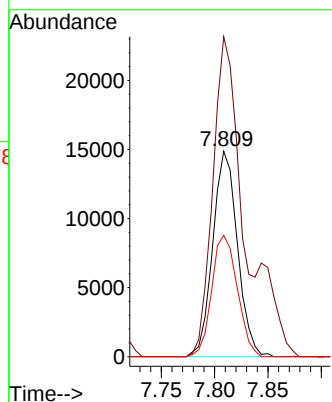
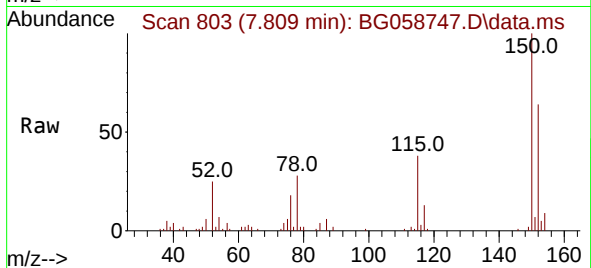
PB154612BS

Tgt Ion:152 Resp: 23929
Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 59.1 45.9 68.9

Manual Integrations

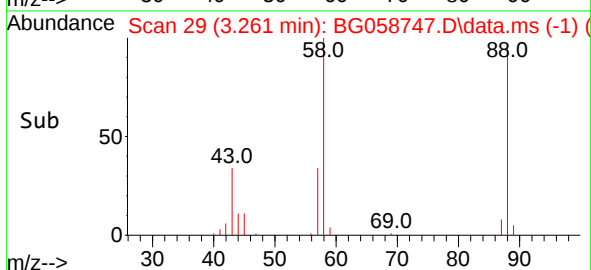
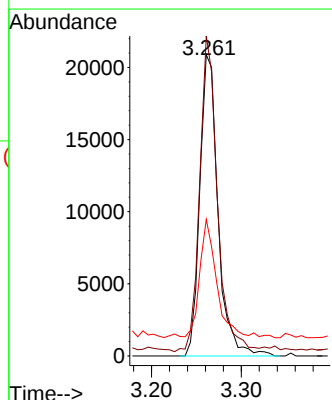
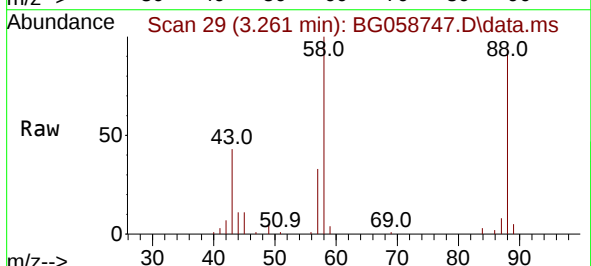
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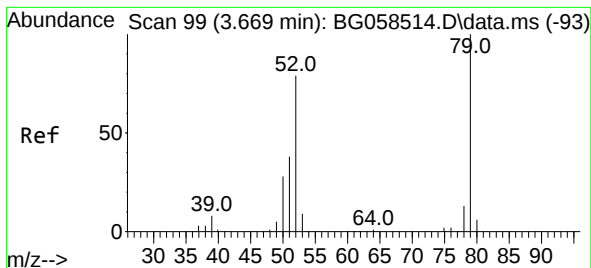
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#2
1,4-Dioxane
Concen: 38.642 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 88 Resp: 29315
Ion Ratio Lower Upper
88 100
58 101.8 68.9 103.3
43 35.2 22.9 34.3#





#3

Pyridine

Concen: 37.132 ng

RT: 3.660 min Scan# 91

Delta R.T. -0.009 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

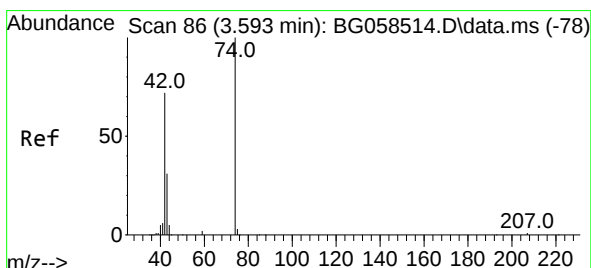
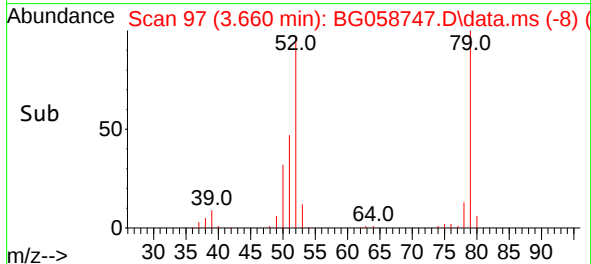
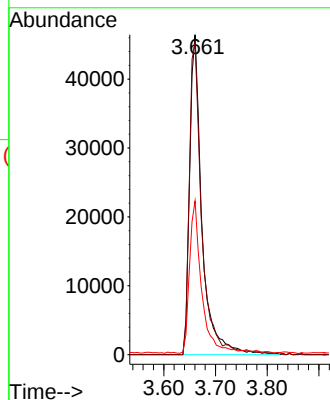
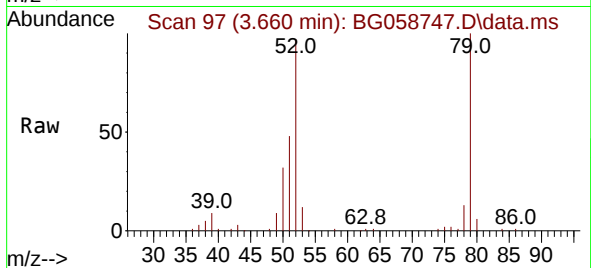
Tgt Ion:	79	Resp:	7679
Ion Ratio	Lower	Upper	
79	100		
52	97.4	63.2	94.8
51	48.0	31.9	47.9

Manual Integrations

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Supervised By :mohammad ahmed 08/17/2023



#4

n-Nitrosodimethylamine

Concen: 59.137 ng

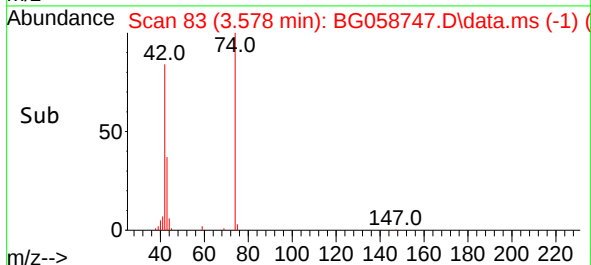
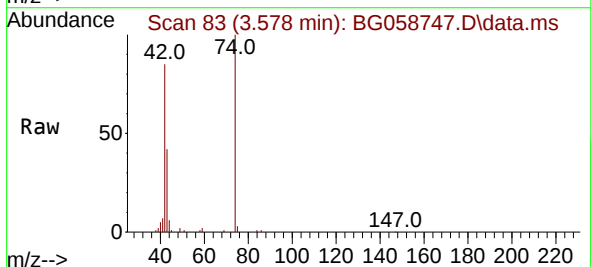
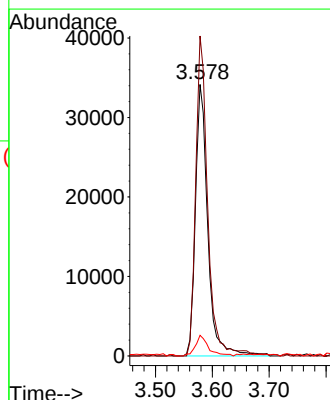
RT: 3.578 min Scan# 83

Delta R.T. -0.014 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Tgt Ion:	42	Resp:	51824
Ion Ratio	Lower	Upper	
42	100		
74	117.8	111.5	167.3
44	7.6	5.4	8.2





#5
2-Fluorophenol
Concen: 157.825 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

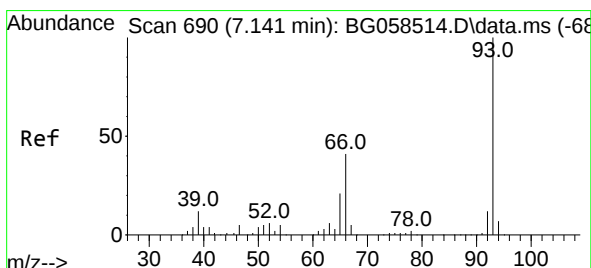
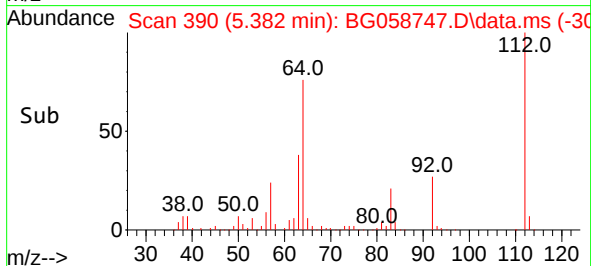
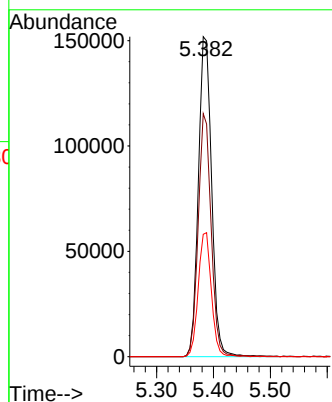
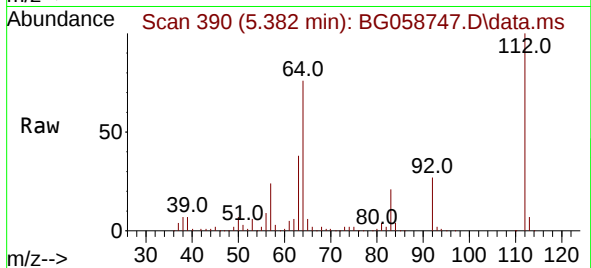
ClientSampleId :

PB154612BS

Tgt Ion:112 Resp: 247086
Ion Ratio Lower Upper
112 100
64 75.9 55.3 82.9
63 38.3 28.3 42.5

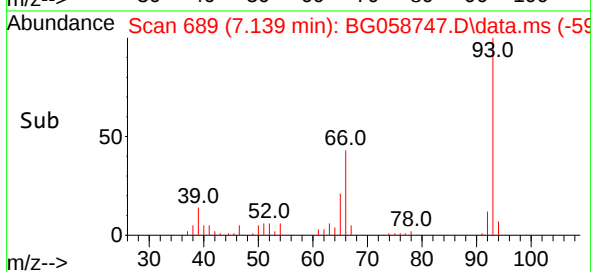
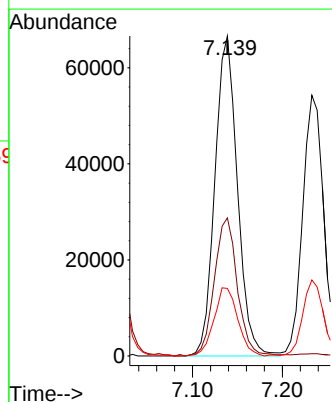
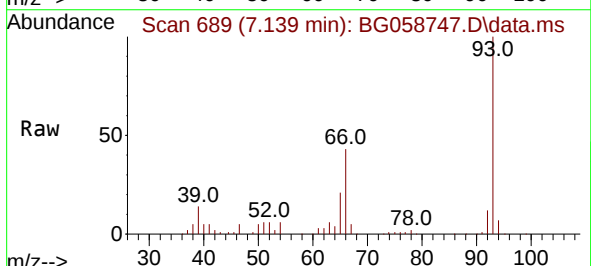
Manual Integrations
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#6
Aniline
Concen: 43.277 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 93 Resp: 116074
Ion Ratio Lower Upper
93 100
66 43.2 33.1 49.7
65 21.1 17.0 25.4





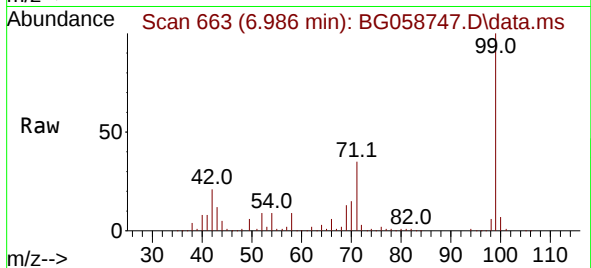
#7
Phenol-d6
Concen: 156.055 ng
RT: 6.986 min Scan# 609
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

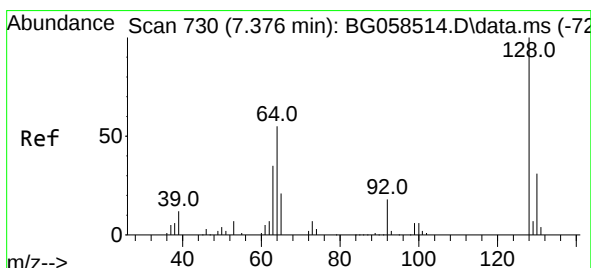
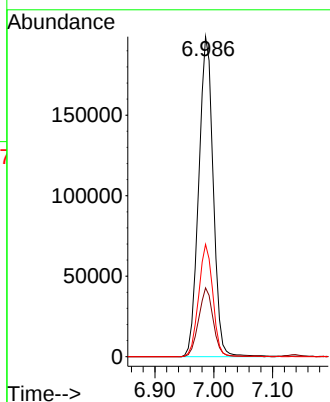
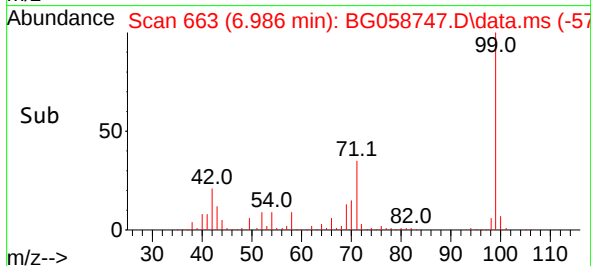


Tgt Ion: 99 Resp: 339959
Ion Ratio Lower Upper
99 100
42 21.5 14.6 21.8
71 35.1 25.0 37.4

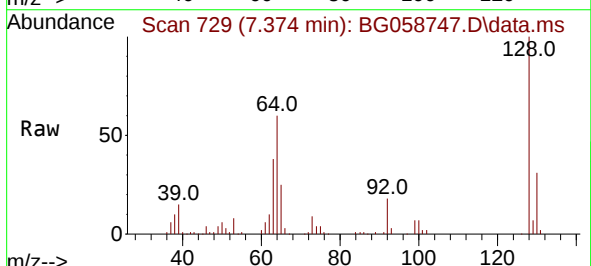
Manual Integrations

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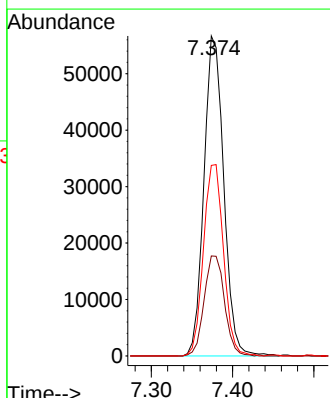
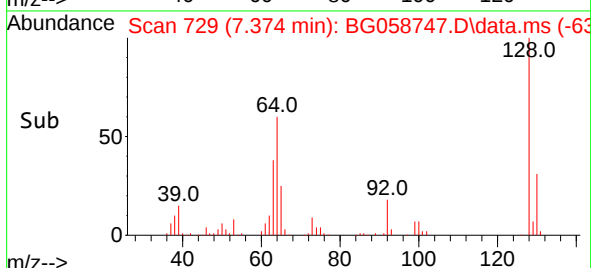
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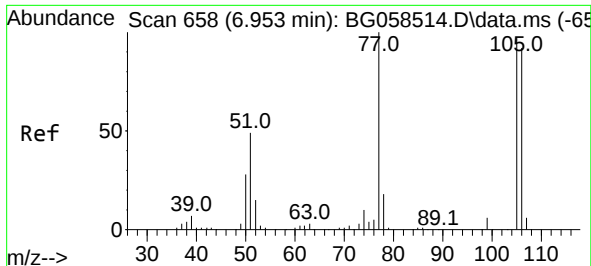


#8
2-Chlorophenol
Concen: 62.508 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:128 Resp: 96003
Ion Ratio Lower Upper
128 100
130 31.3 10.9 50.9
64 59.6 39.0 79.0





#9
Benzaldehyde
Concen: 43.190 ng
RT: 6.951 min Scan# 611
Delta R.T. -0.002 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

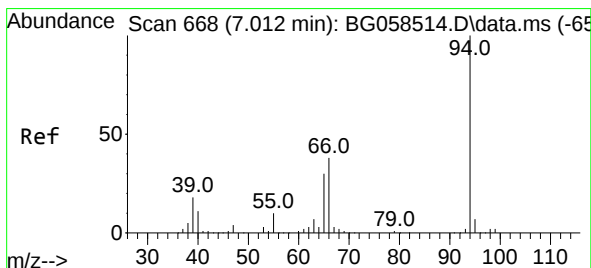
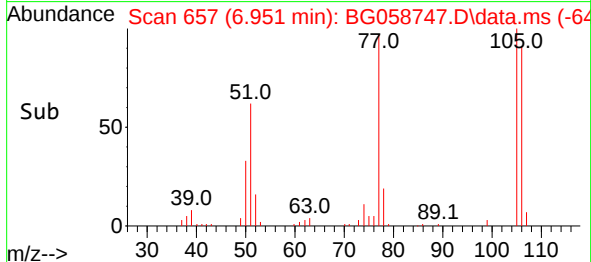
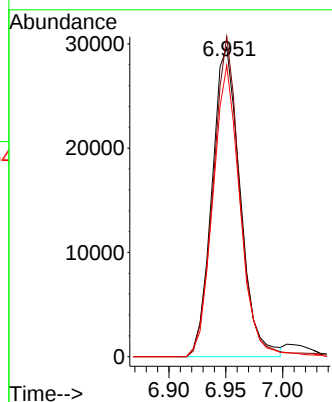
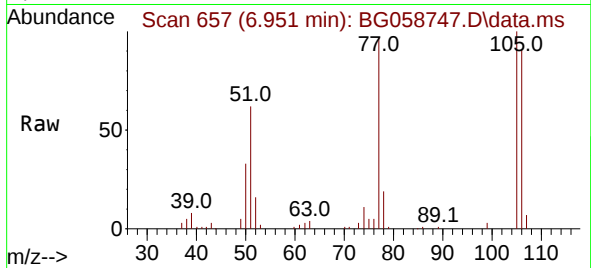
PB154612BS

Tgt Ion: 77 Resp: 51118
Ion Ratio Lower Upper
77 100
105 103.5 77.1 117.1
106 94.2 71.6 111.6

Manual Integrations

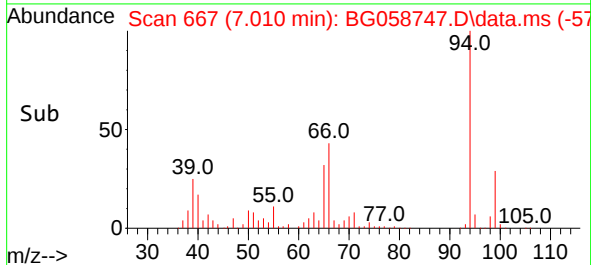
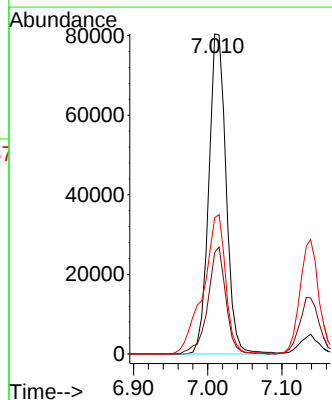
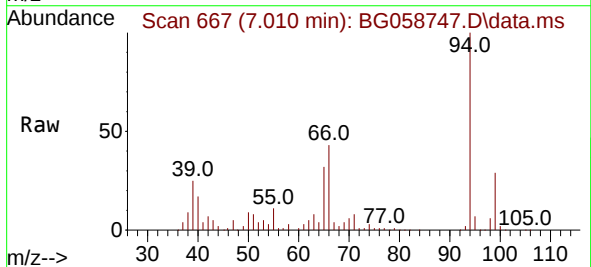
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#10
Phenol
Concen: 61.245 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

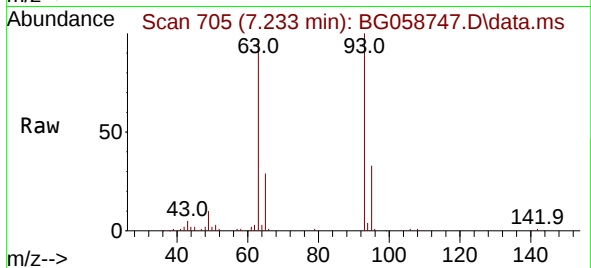
Tgt Ion: 94 Resp: 130331
Ion Ratio Lower Upper
94 100
65 31.8 10.4 50.4
66 42.6 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 52.213 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

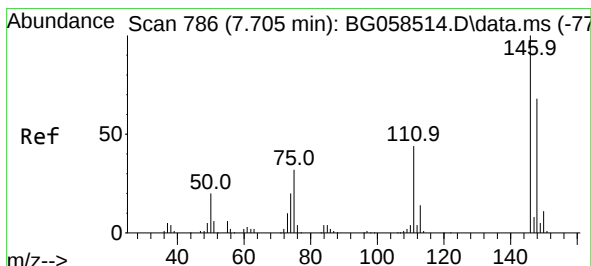
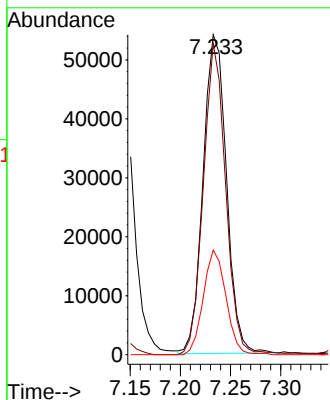
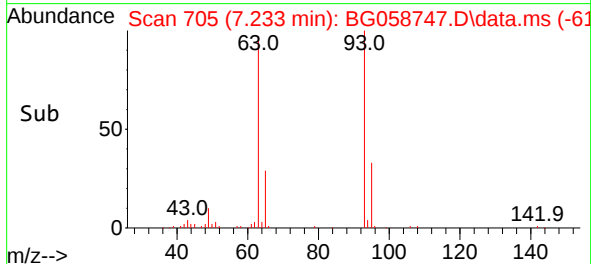
Instrument :
BNA_G
ClientSampleId :
PB154612BS



Tgt Ion: 93 Resp: 8759
Ion Ratio Lower Upper
93 100
63 97.3 65.5 105.5
95 32.7 11.2 51.2

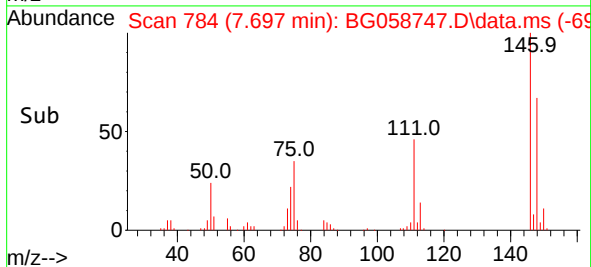
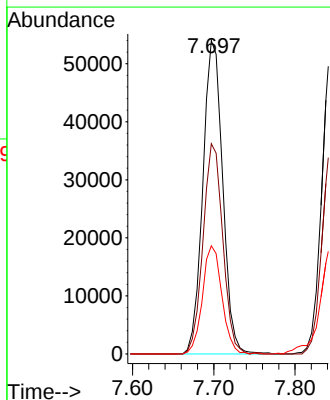
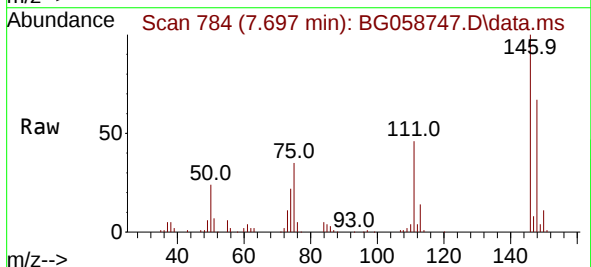
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 55.651 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.009 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:146 Resp: 91268
Ion Ratio Lower Upper
146 100
148 67.1 54.7 82.1
75 34.5 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 56.040 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

Tgt Ion:146 Resp: 9228

Ion Ratio Lower Upper

146 100

148 69.1 52.8 79.2

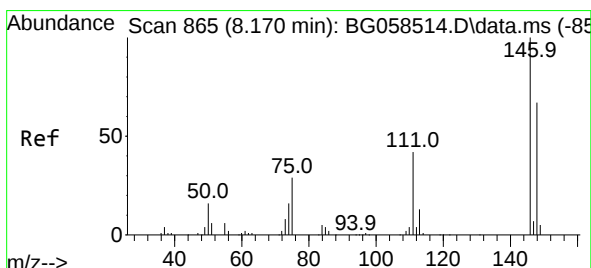
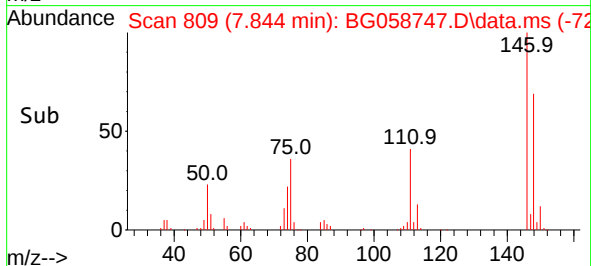
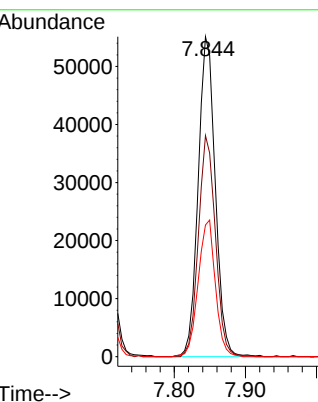
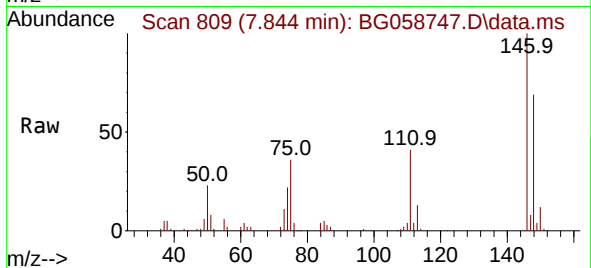
111 41.1 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 58.298 ng

RT: 8.161 min Scan# 863

Delta R.T. -0.009 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

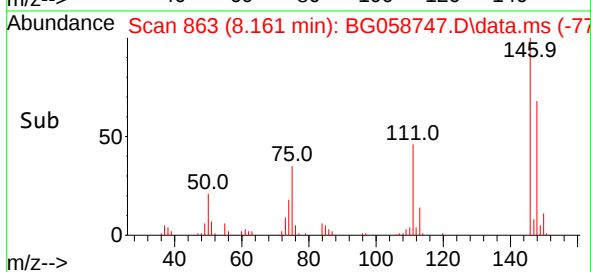
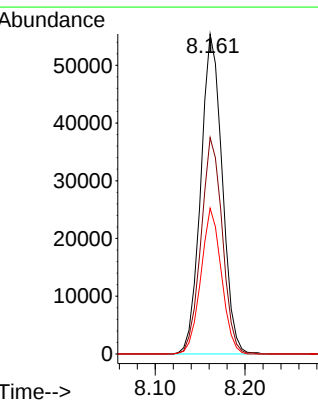
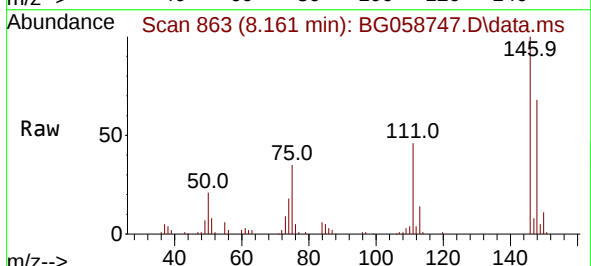
Tgt Ion:146 Resp: 91784

Ion Ratio Lower Upper

146 100

148 67.6 53.4 80.2

111 45.5 34.2 51.2





#15
Benzyl Alcohol
Concen: 70.249 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

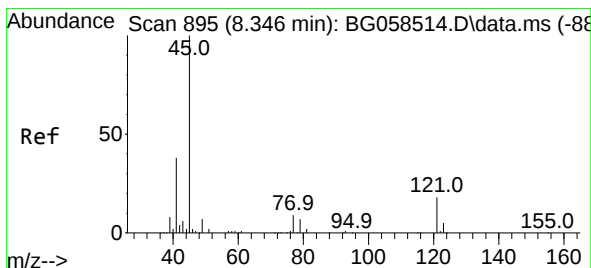
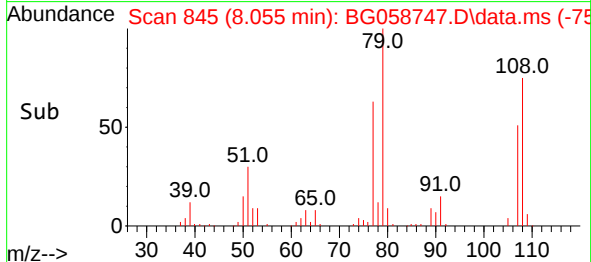
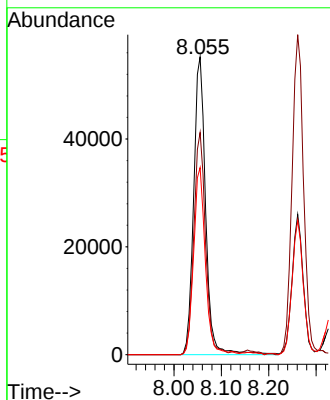
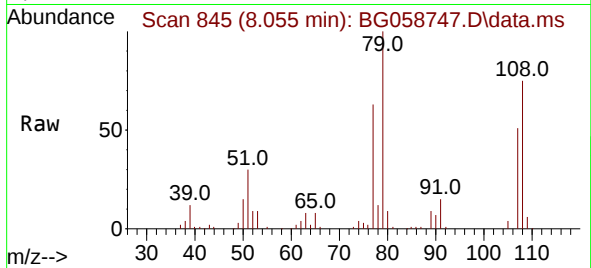
ClientSampleId :

PB154612BS

Tgt Ion: 79 Resp: 9705
Ion Ratio Lower Upper
79 100
108 74.6 63.8 95.6
77 62.8 49.8 74.6

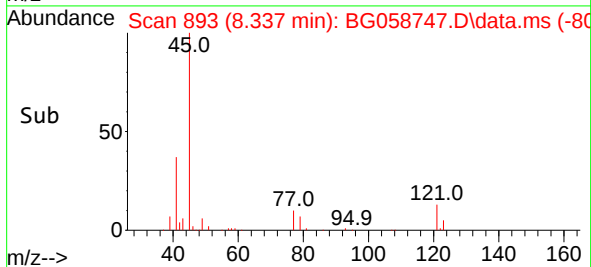
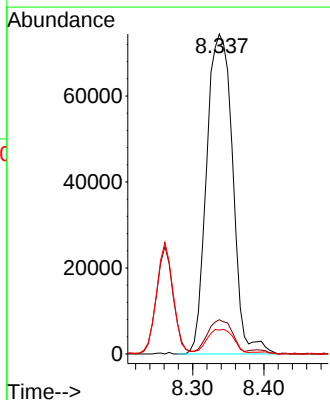
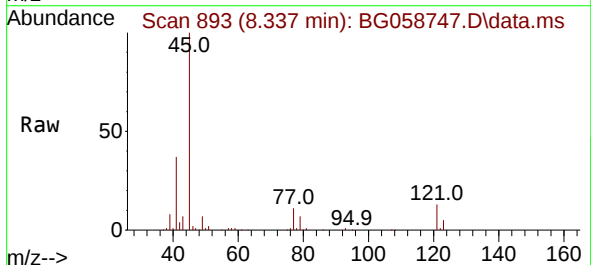
Manual Integrations
APPROVED

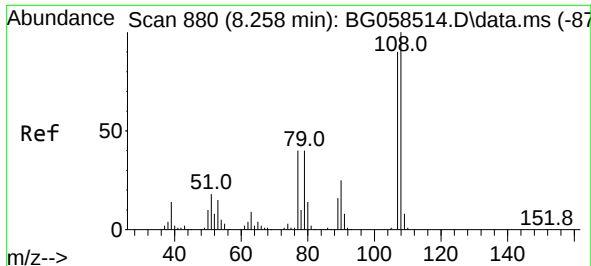
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.291 ng m
RT: 8.337 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 45 Resp: 188830
Ion Ratio Lower Upper
45 100
77 10.7 0.0 32.6
79 7.4 0.0 30.2





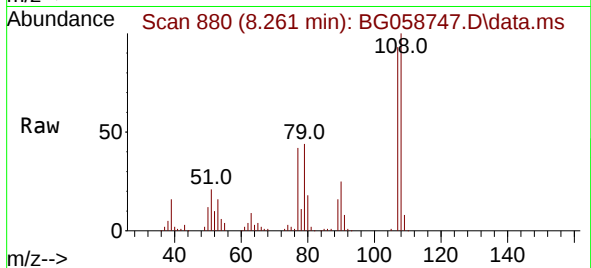
#17
2-Methylphenol
Concen: 58.073 ng
RT: 8.261 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

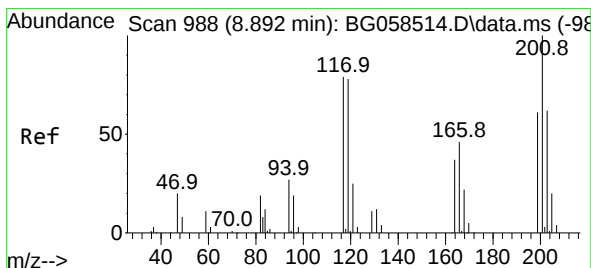
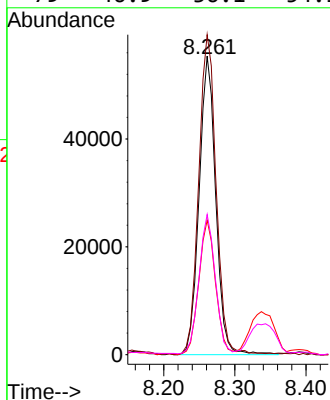
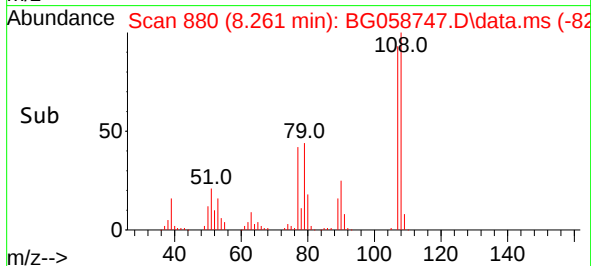


Tgt Ion:107 Resp: 9035
Ion Ratio Lower Upper
107 100
108 107.2 89.1 133.7
77 45.1 36.2 54.4
79 46.9 36.1 54.1

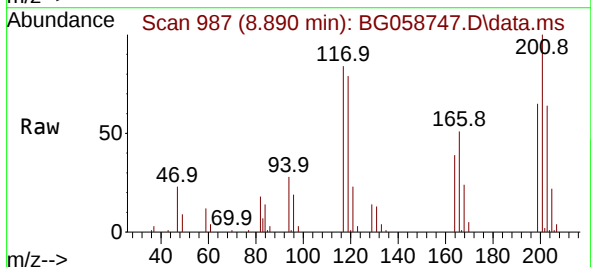
Manual Integrations

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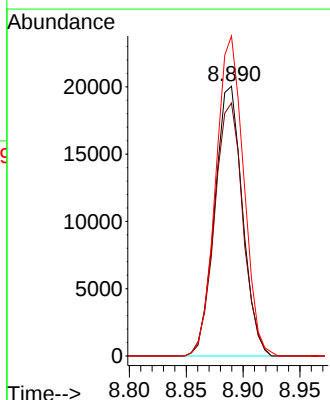
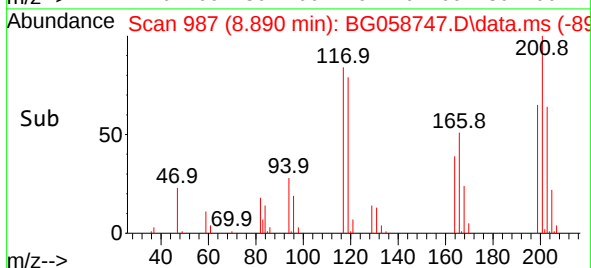
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#18
Hexachloroethane
Concen: 56.889 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:117 Resp: 34050
Ion Ratio Lower Upper
117 100
119 93.7 78.6 117.8
201 118.6 101.4 152.0





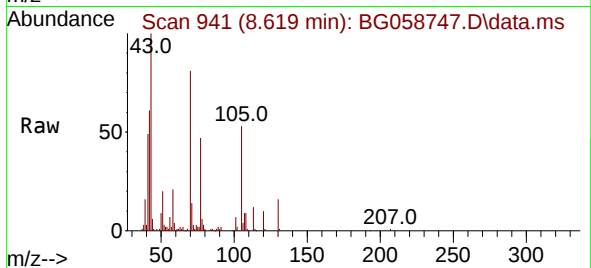
#19
n-Nitroso-di-n-propylamine
Concen: 54.237 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

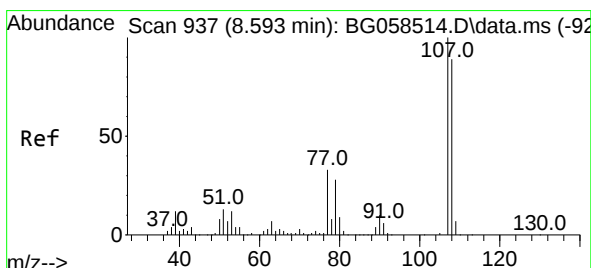
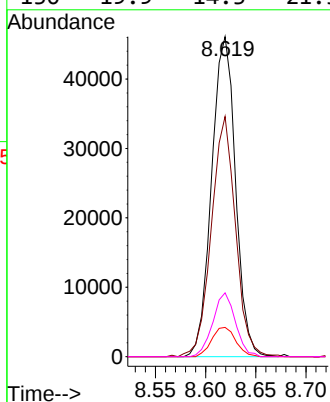
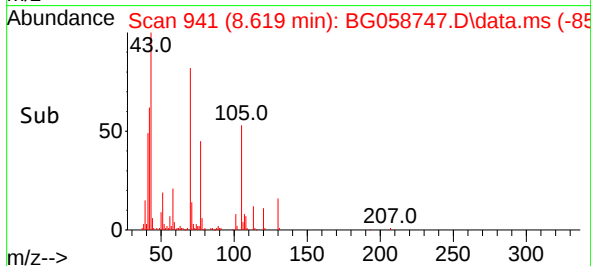


Tgt Ion: 70 Resp: 76318
Ion Ratio Lower Upper
70 100
42 75.1 49.7 74.5
101 9.1 7.0 10.4
130 19.9 14.3 21.5

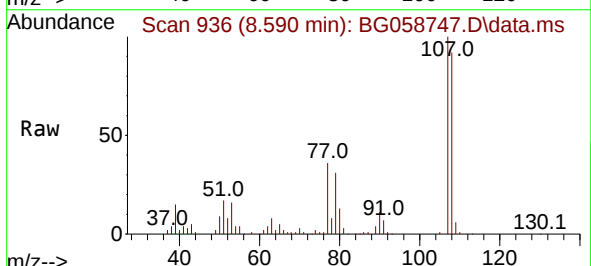
Manual Integrations

APPROVED

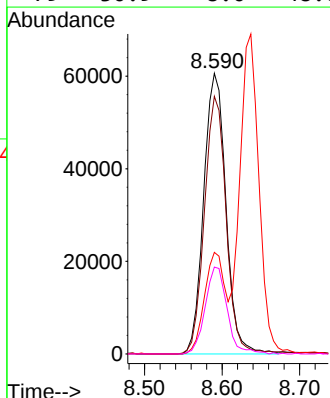
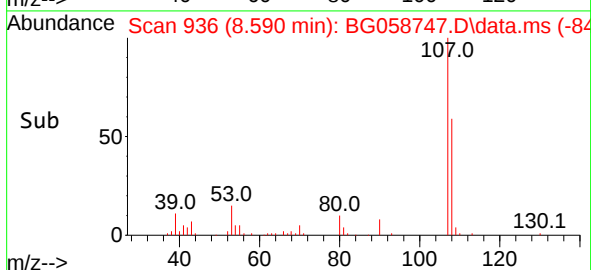
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

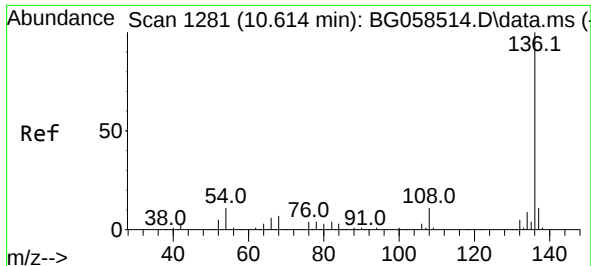


#20
3+4-Methylphenols
Concen: 57.386 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:107 Resp: 120779
Ion Ratio Lower Upper
107 100
108 91.8 69.4 109.4
77 36.2 13.0 53.0
79 30.9 8.0 48.0





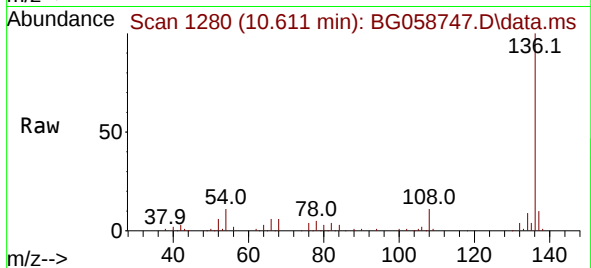
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

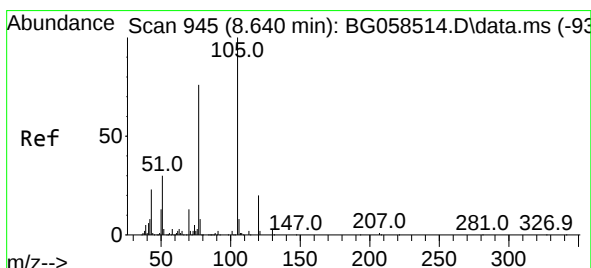
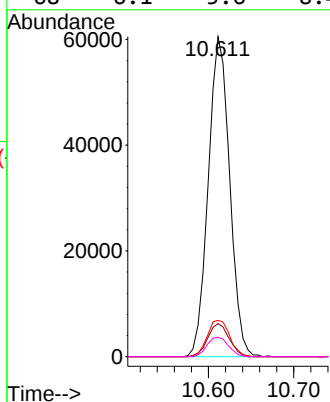
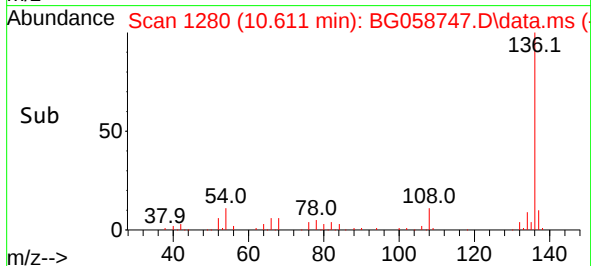


Tgt Ion:136 Resp: 10584
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 11.4 8.9 13.3
68 6.1 5.6 8.4

Manual Integrations

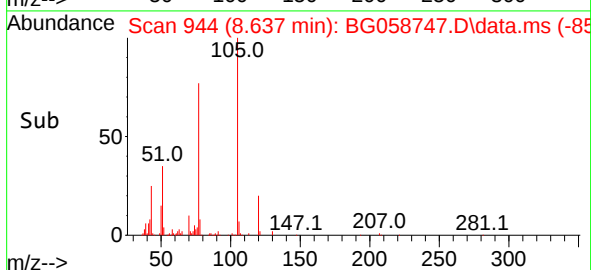
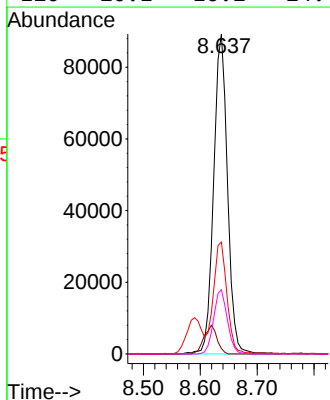
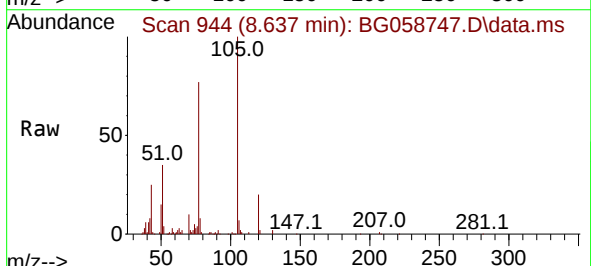
APPROVED

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



#22
Acetophenone
Concen: 53.225 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:105 Resp: 150844
Ion Ratio Lower Upper
105 100
71 1.7 1.8 2.6#
51 34.9 24.2 36.2
120 20.1 16.2 24.4





#23
Nitrobenzene-d5
Concen: 95.389 ng
RT: 8.978 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

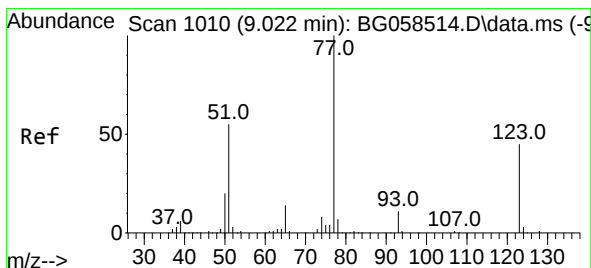
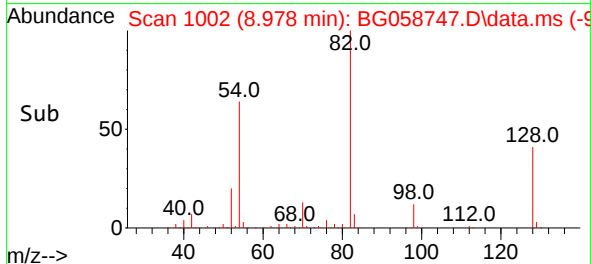
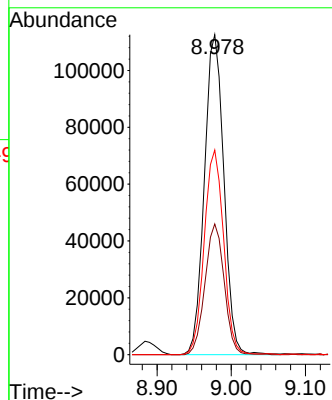
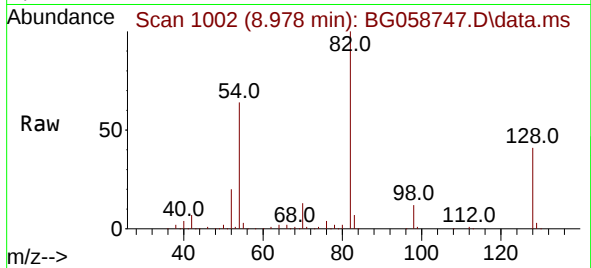
PB154612BS

Tgt Ion: 82 Resp: 20552
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 63.9 46.0 69.0

Manual Integrations

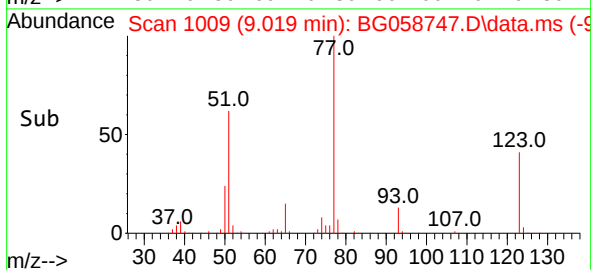
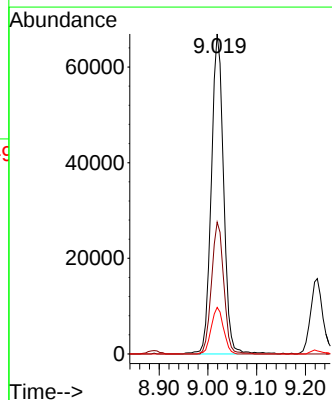
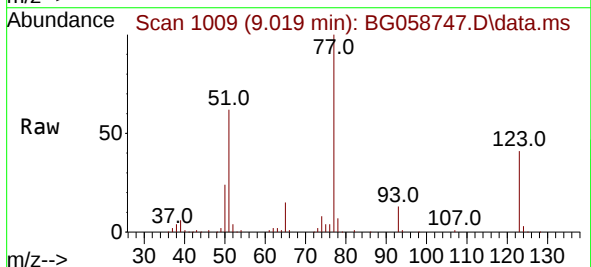
APPROVED

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



#24
Nitrobenzene
Concen: 53.207 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

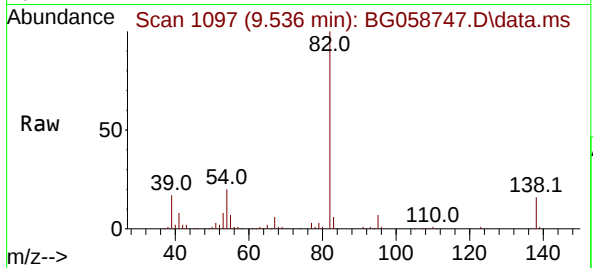
Tgt Ion: 77 Resp: 116543
Ion Ratio Lower Upper
77 100
123 41.2 35.6 53.4
65 14.5 11.4 17.0





#25
Isophorone
Concen: 50.956 ng
RT: 9.536 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

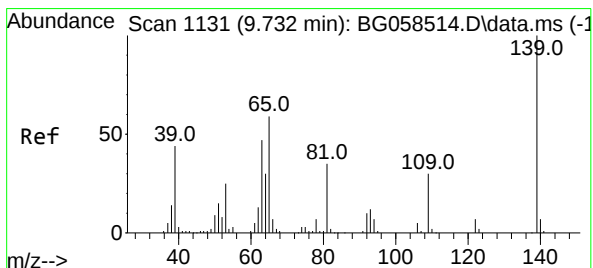
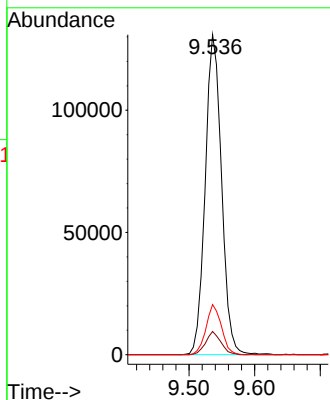
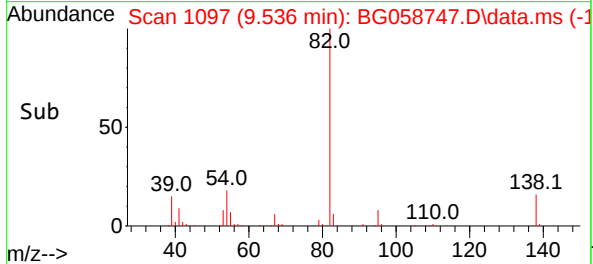
Instrument :
BNA_G
ClientSampleId :
PB154612BS



Tgt Ion: 82 Resp: 226839
Ion Ratio Lower Upper
82 100
95 7.3 5.1 7.7
138 15.6 11.9 17.9

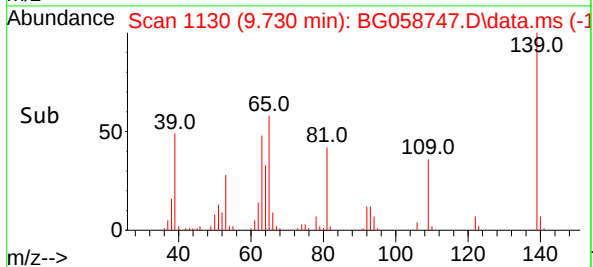
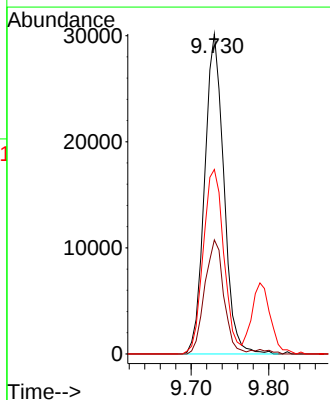
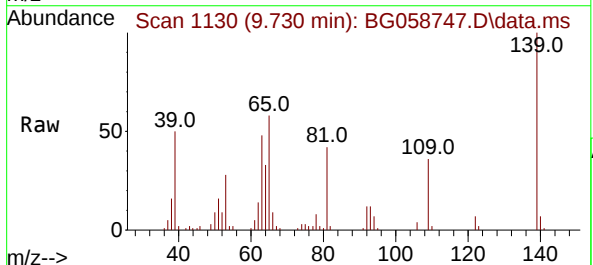
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 54.453 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:139 Resp: 51919
Ion Ratio Lower Upper
139 100
109 35.6 24.2 36.2
65 57.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 55.003 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

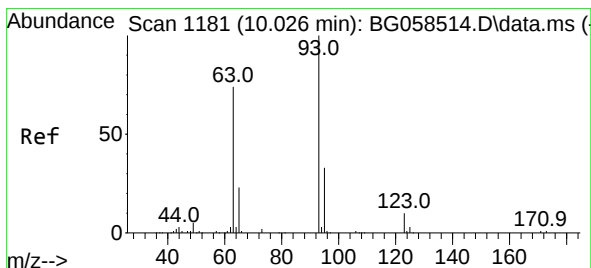
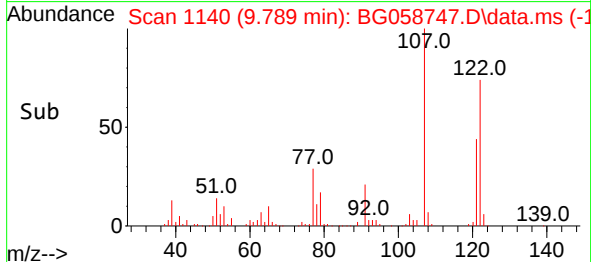
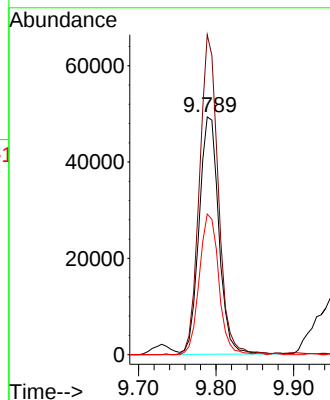
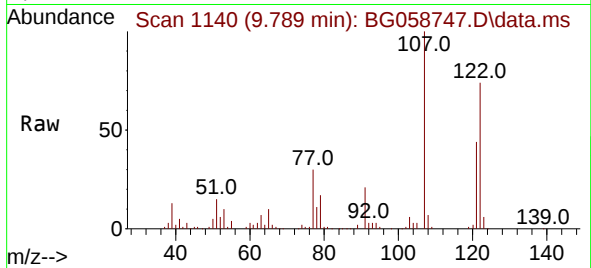
Tgt Ion:122 Resp: 86990
 Ion Ratio Lower Upper
 122 100
 107 134.6 98.0 147.0
 121 59.2 47.8 71.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.364 ng

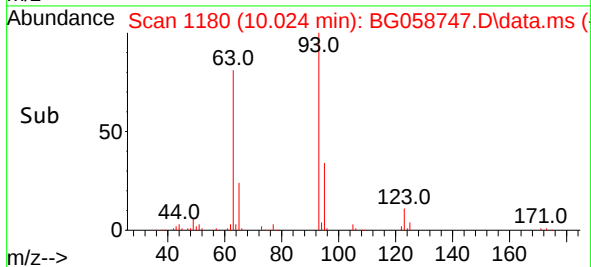
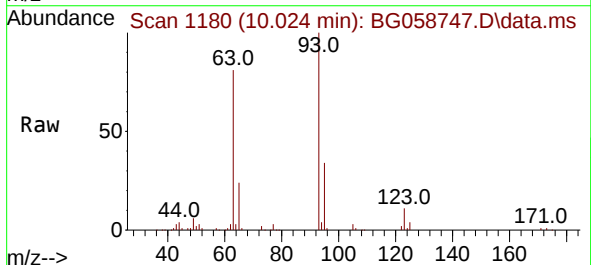
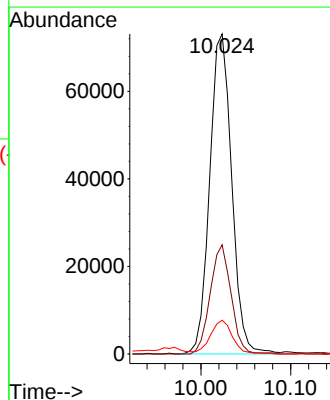
RT: 10.024 min Scan# 1180

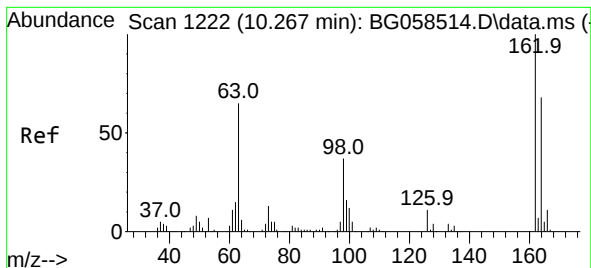
Delta R.T. -0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Tgt Ion: 93 Resp: 124436
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.0 39.0
 123 10.6 7.8 11.8





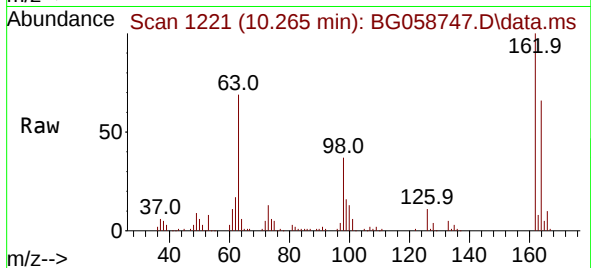
#29
2,4-Dichlorophenol
Concen: 59.501 ng
RT: 10.265 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

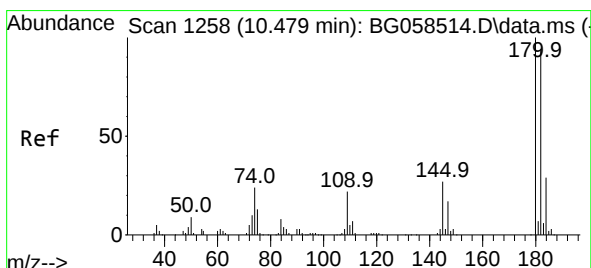
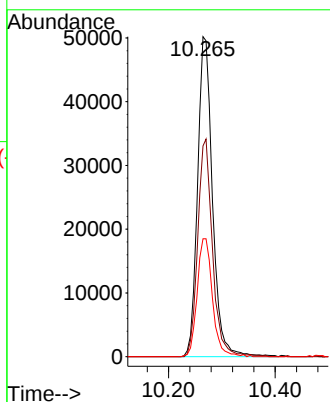
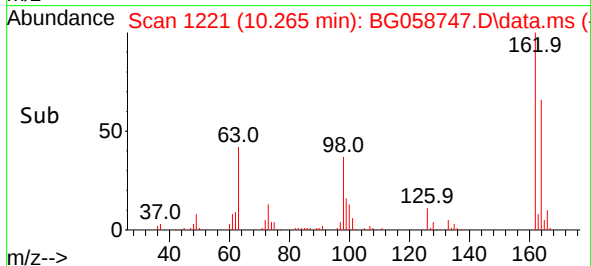


Tgt Ion:162 Resp: 9770
Ion Ratio Lower Upper
162 100
164 65.9 47.6 87.6
98 36.8 17.1 57.1

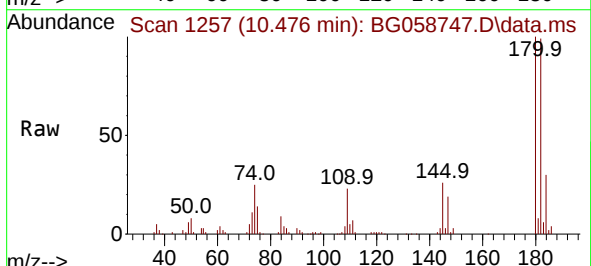
Manual Integrations

APPROVED

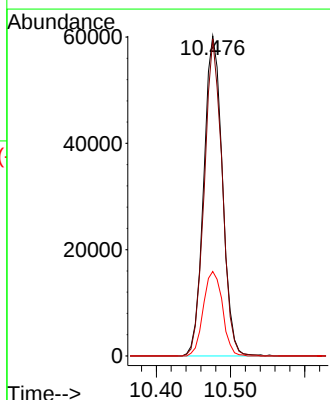
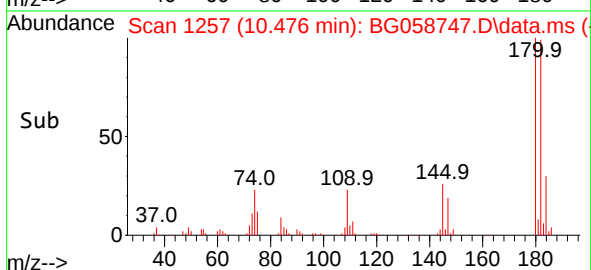
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

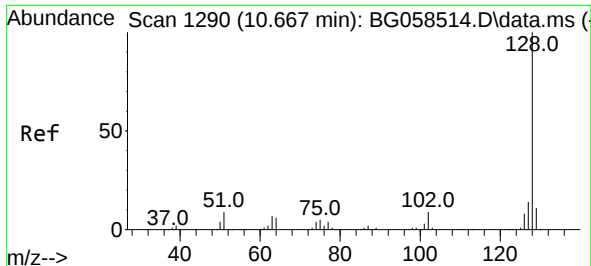


#30
1,2,4-Trichlorobenzene
Concen: 55.301 ng
RT: 10.476 min Scan# 1257
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:180 Resp: 104726
Ion Ratio Lower Upper
180 100
182 99.1 75.0 112.4
145 26.4 21.9 32.9





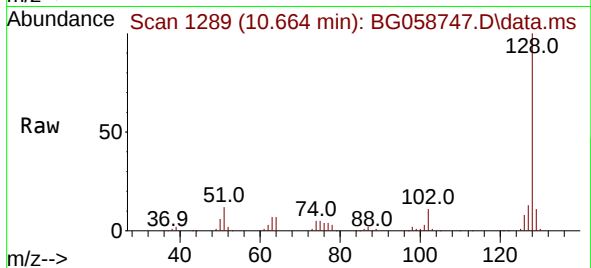
#31
Naphthalene
Concen: 51.873 ng
RT: 10.664 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

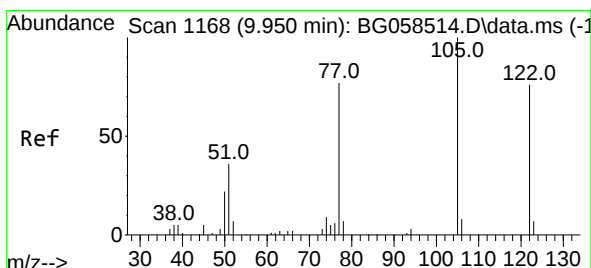
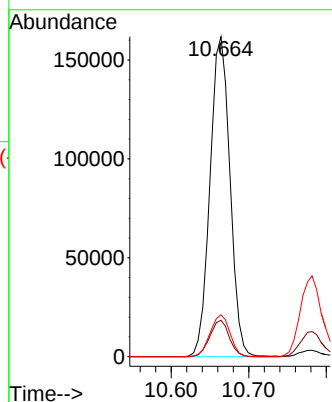
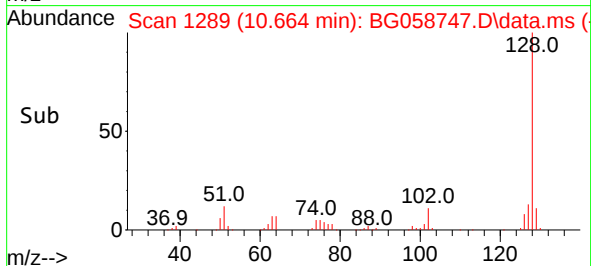


Tgt Ion:128 Resp: 289378
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.1 10.9 16.3

Manual Integrations

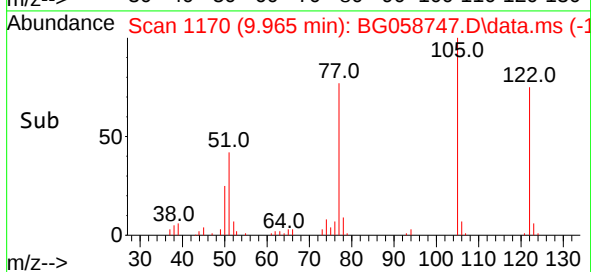
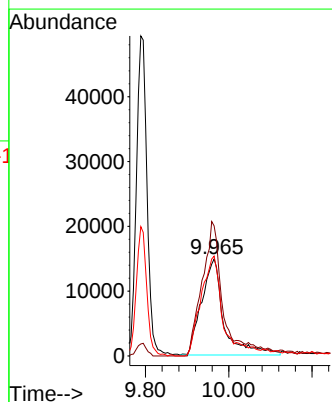
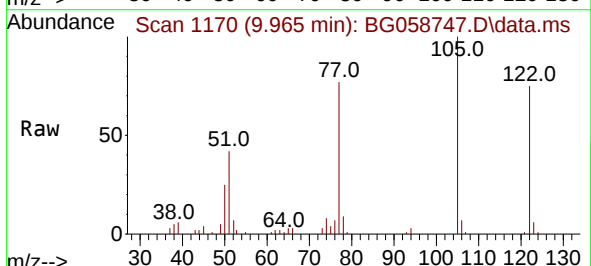
APPROVED

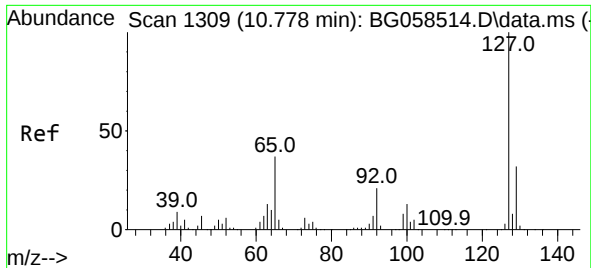
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#32
Benzoic acid
Concen: 45.800 ng
RT: 9.965 min Scan# 1170
Delta R.T. 0.015 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:122 Resp: 55019
Ion Ratio Lower Upper
122 100
105 134.0 106.5 146.5
77 102.9 78.1 118.1





#33
4-Chloroaniline
Concen: 35.509 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

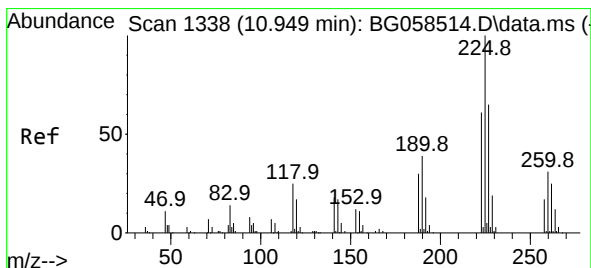
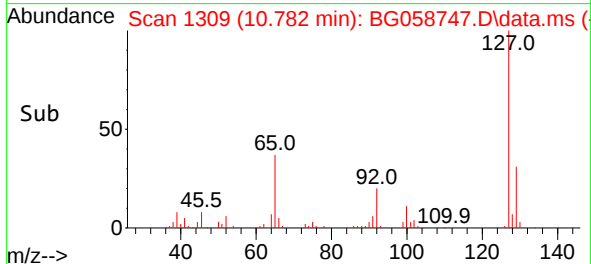
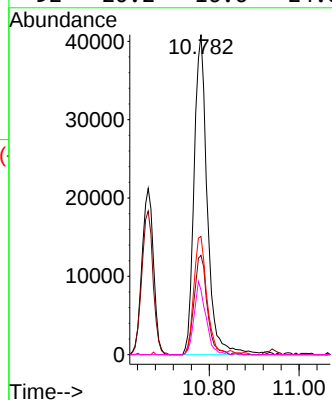
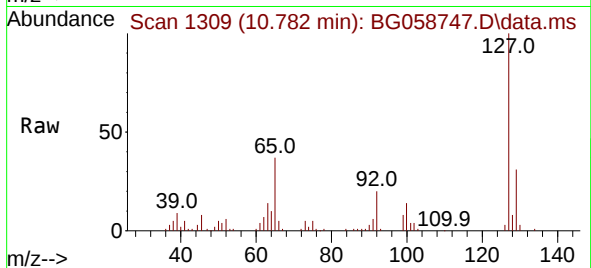
PB154612BS

Tgt Ion:127 Resp: 83694
Ion Ratio Lower Upper
127 100
129 31.1 25.4 38.2
65 36.9 29.5 44.3
92 20.2 16.6 24.8

Manual Integrations

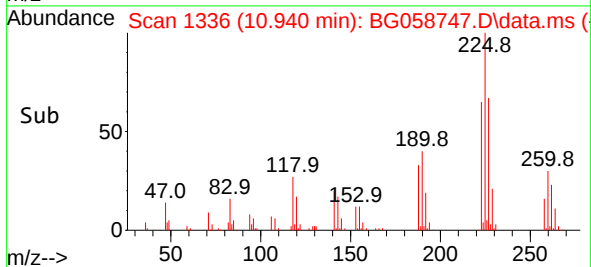
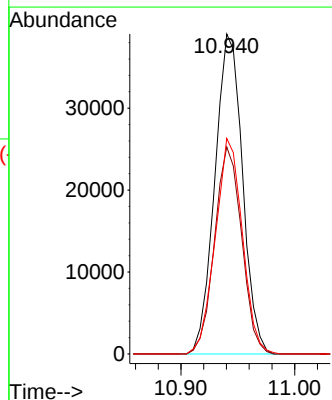
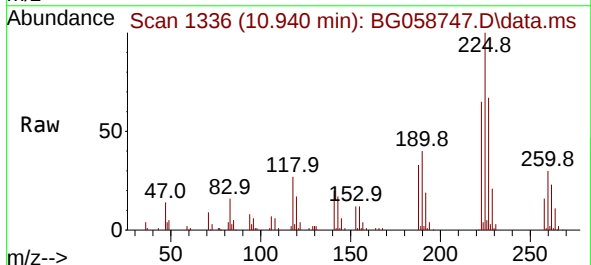
APPROVED

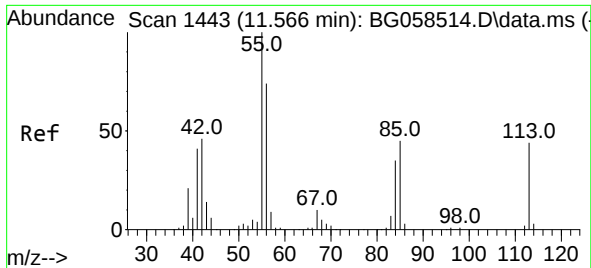
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#34
Hexachlorobutadiene
Concen: 54.091 ng
RT: 10.940 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:225 Resp: 65968
Ion Ratio Lower Upper
225 100
223 64.7 49.0 73.6
227 67.3 51.7 77.5





#35
Caprolactam
Concen: 55.507 ng m
RT: 11.563 min Scan# 1443
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

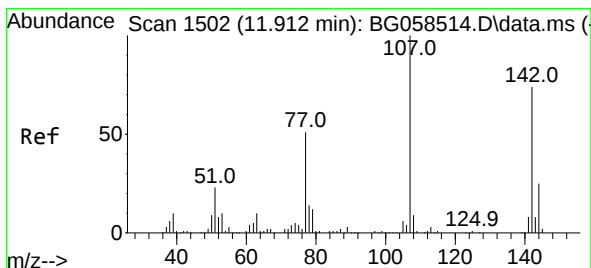
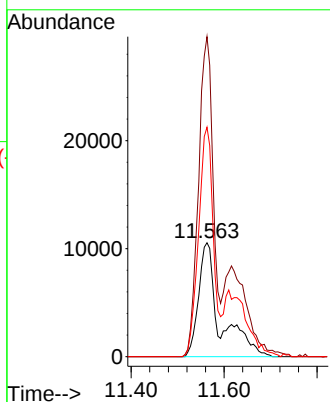
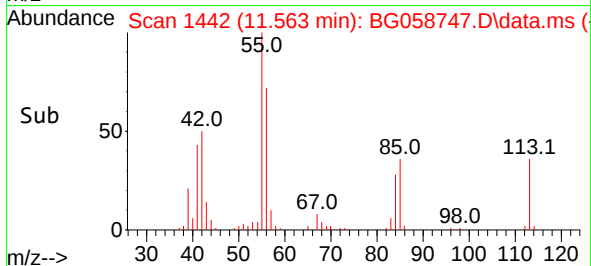
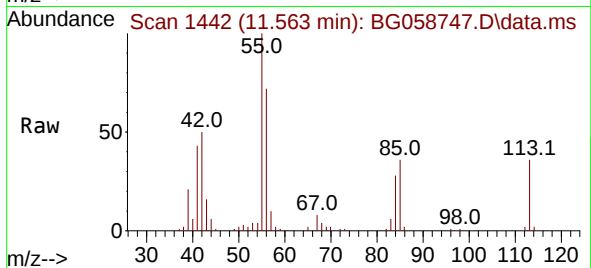
ClientSampleId :

PB154612BS

Tgt Ion:113 Resp: 3365
Ion Ratio Lower Upper
113 100
55 280.7 208.0 248.0
56 201.3 148.6 188.6

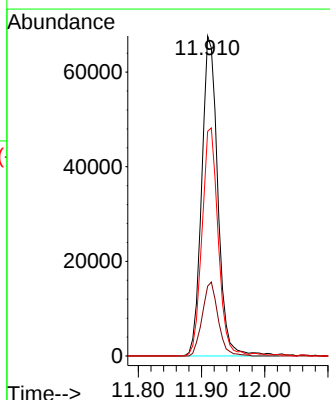
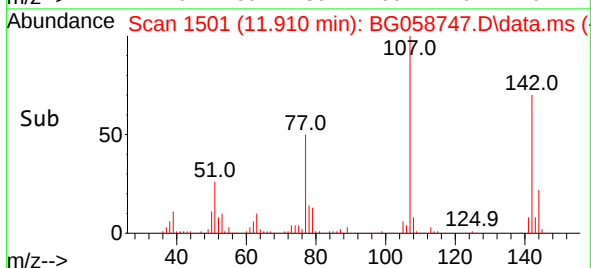
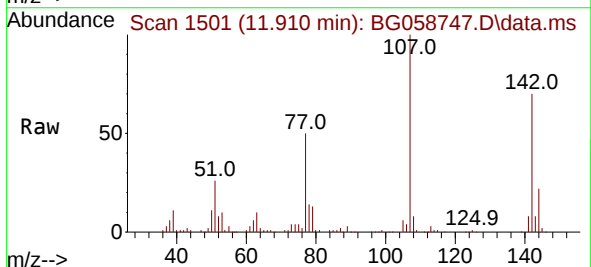
Manual Integrations
APPROVED

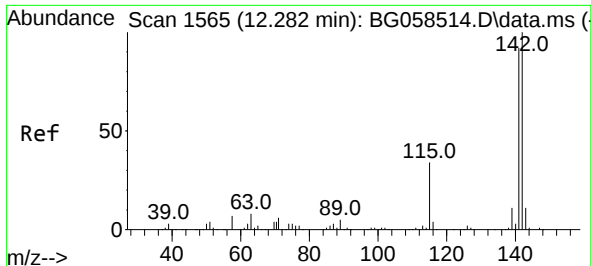
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 59.020 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:107 Resp: 119891
Ion Ratio Lower Upper
107 100
144 21.8 19.6 29.4
142 70.2 59.3 88.9





#37
2-Methylnaphthalene
Concen: 51.562 ng
RT: 12.280 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

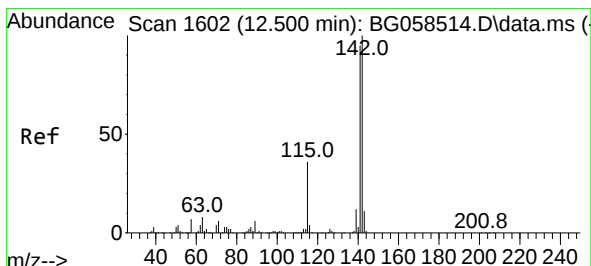
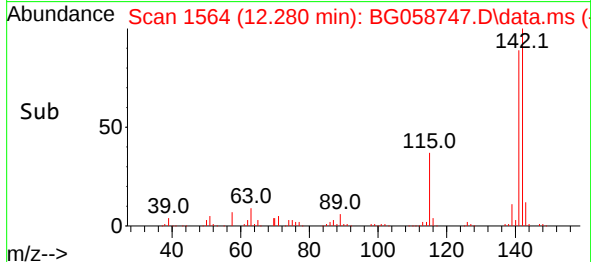
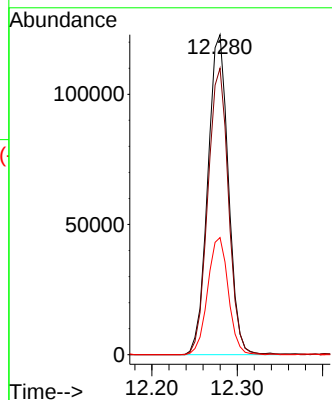
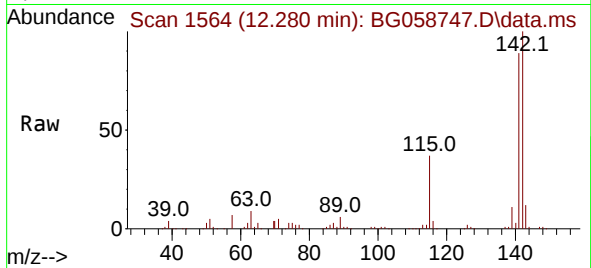
PB154612BS

Tgt Ion:142 Resp: 205752
Ion Ratio Lower Upper
142 100
141 89.5 73.5 110.3
115 36.6 27.4 41.0

Manual Integrations

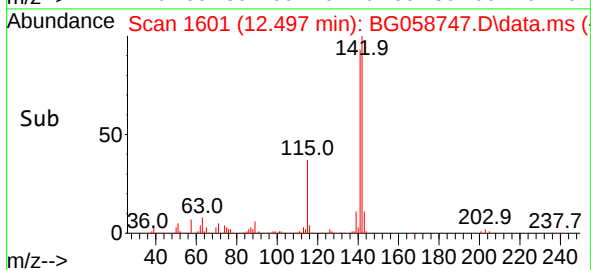
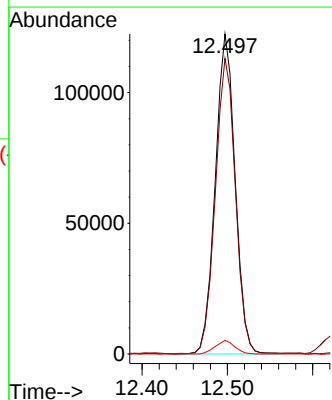
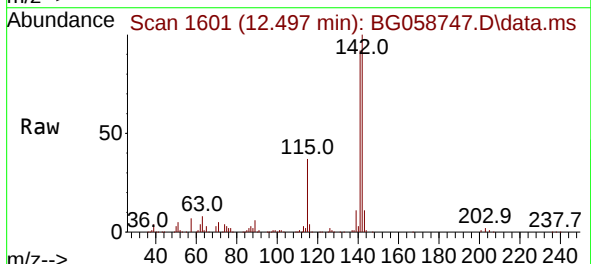
APPROVED

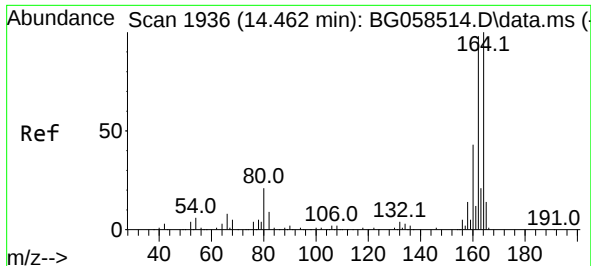
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 52.314 ng
RT: 12.497 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:142 Resp: 198439
Ion Ratio Lower Upper
142 100
141 92.3 75.7 113.5
116 4.2 3.2 4.8





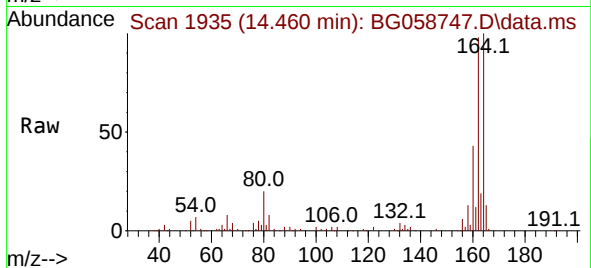
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

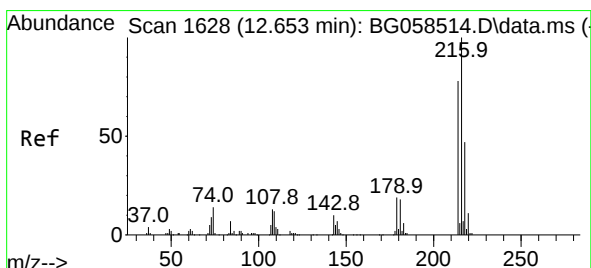
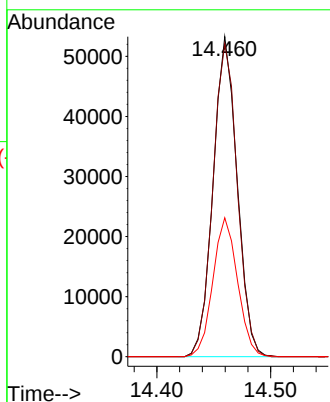
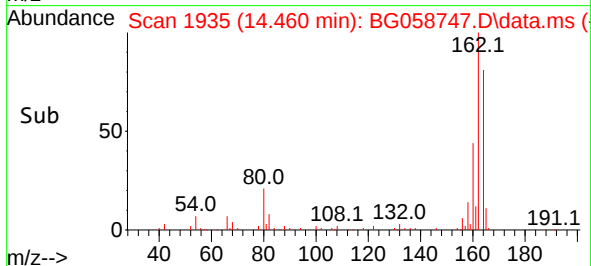


Tgt Ion:164 Resp: 78100
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 43.4 34.1 51.1

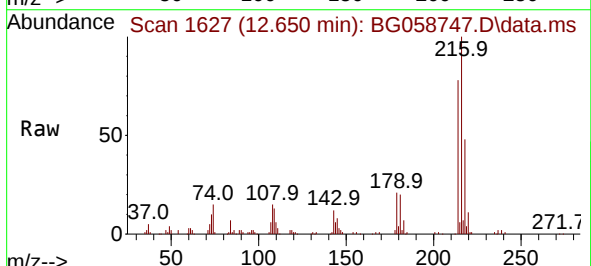
Manual Integrations

APPROVED

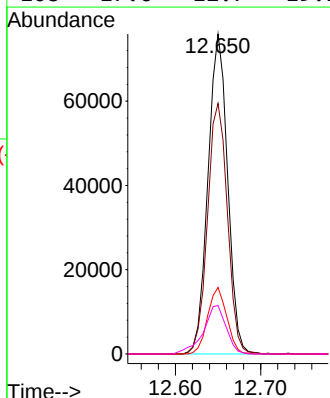
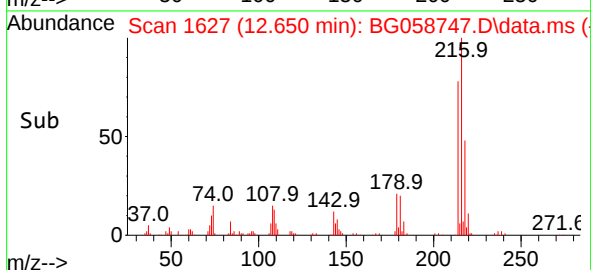
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

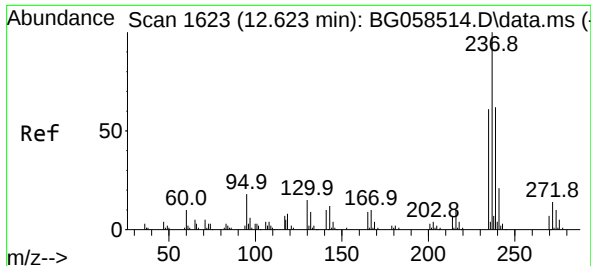


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.578 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:216 Resp: 121273
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 20.3 15.6 23.4
108 17.6 12.7 19.1





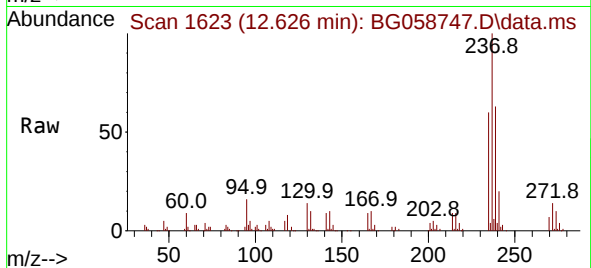
#41
Hexachlorocyclopentadiene
Concen: 95.362 ng
RT: 12.626 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

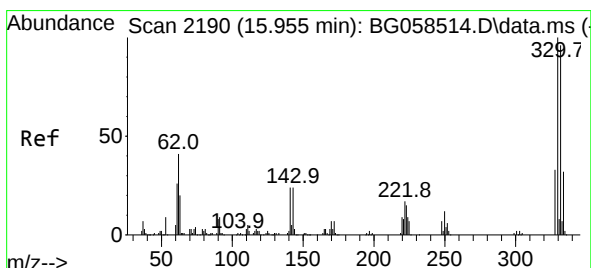
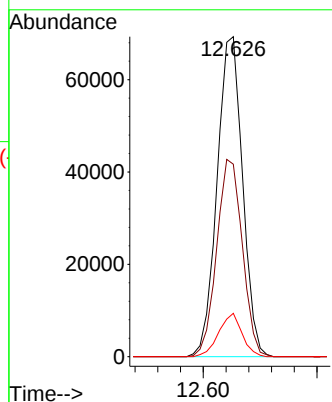
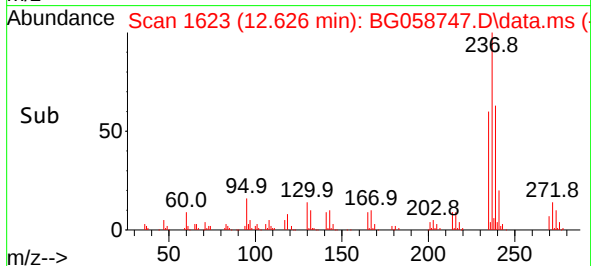


Tgt Ion:237 Resp: 10779
Ion Ratio Lower Upper
237 100
235 60.2 41.0 81.0
272 13.5 0.0 33.6

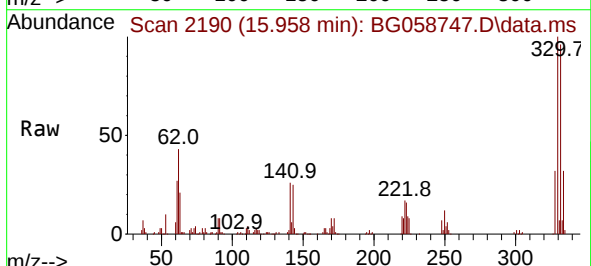
Manual Integrations

APPROVED

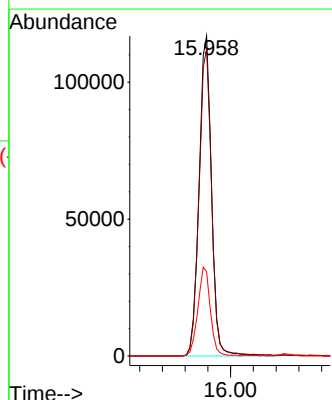
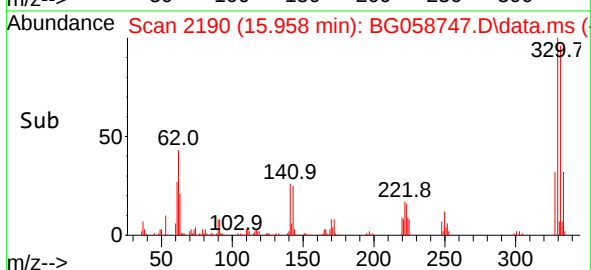
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

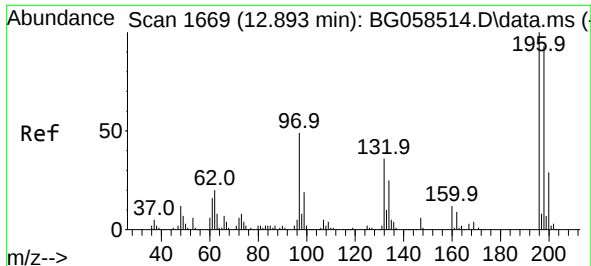


#42
2,4,6-Tribromophenol
Concen: 139.455 ng
RT: 15.958 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:330 Resp: 178519
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 27.7 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 54.219 ng
RT: 12.897 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

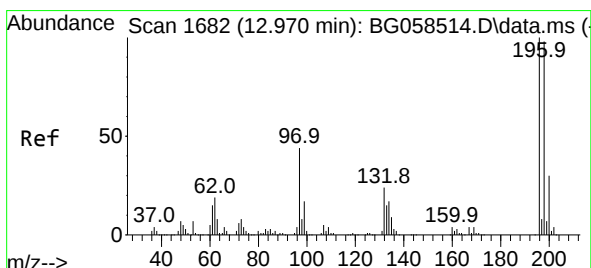
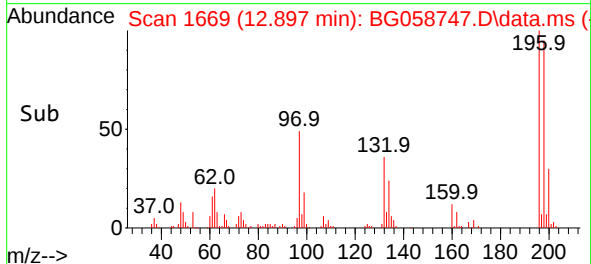
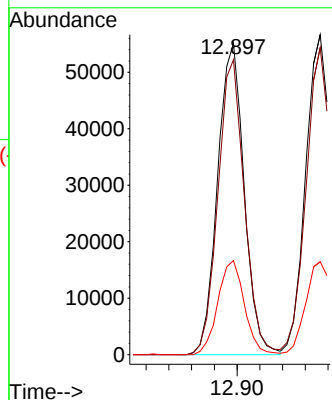
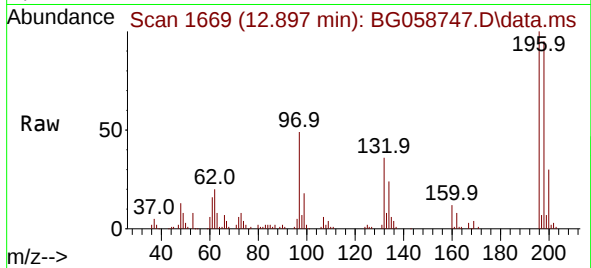
PB154612BS

Tgt Ion:196 Resp: 89418
Ion Ratio Lower Upper
196 100
198 94.7 74.2 111.4
200 30.2 22.9 34.3

Manual Integrations

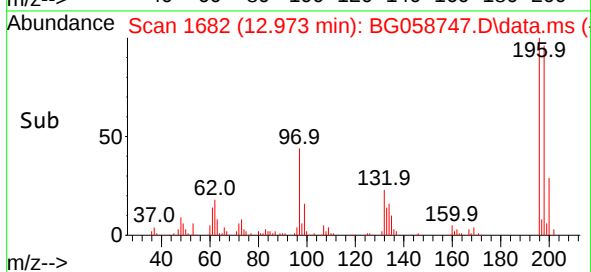
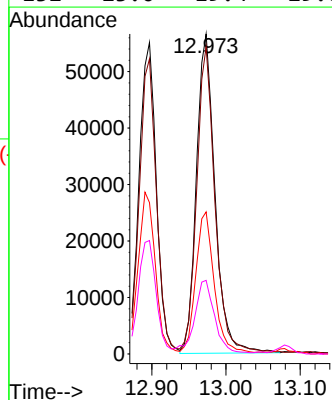
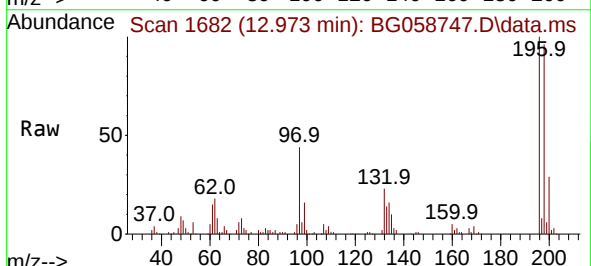
APPROVED

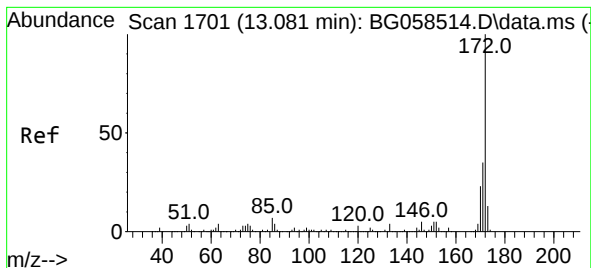
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#44
2,4,5-Trichlorophenol
Concen: 50.816 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:196 Resp: 98710
Ion Ratio Lower Upper
196 100
198 95.9 78.3 117.5
97 44.4 35.2 52.8
132 23.0 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 94.016 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

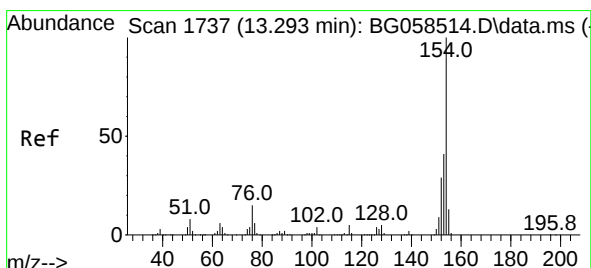
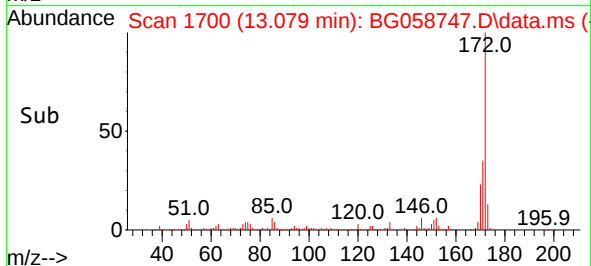
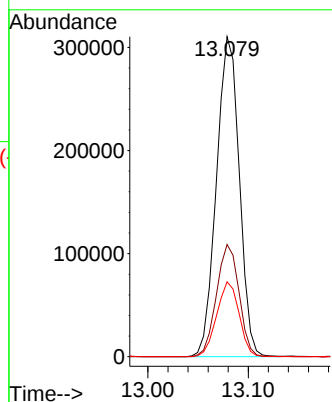
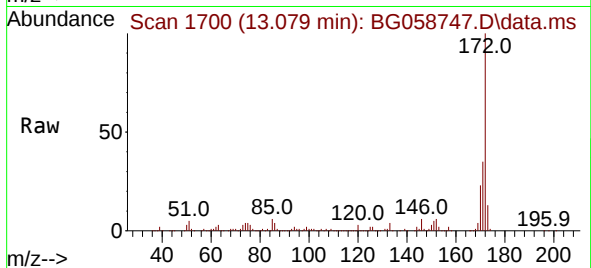
PB154612BS

Tgt Ion:172 Resp: 489972
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 18.4 27.6

Manual Integrations

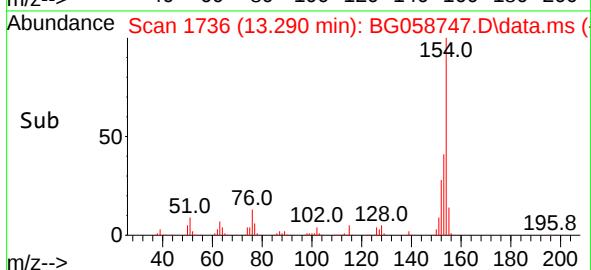
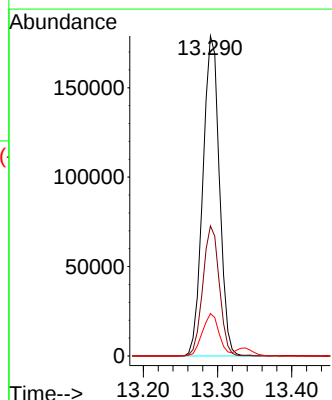
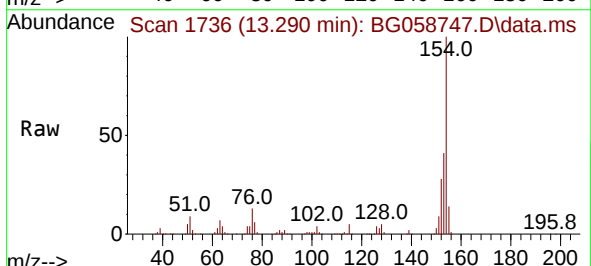
APPROVED

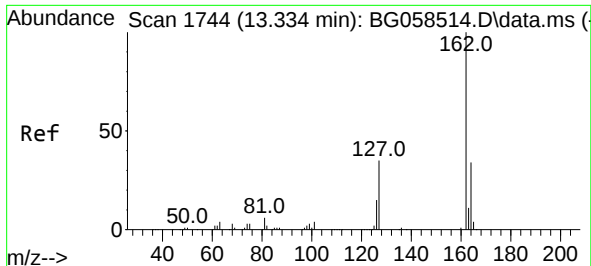
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#46
1,1'-Biphenyl
Concen: 51.886 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

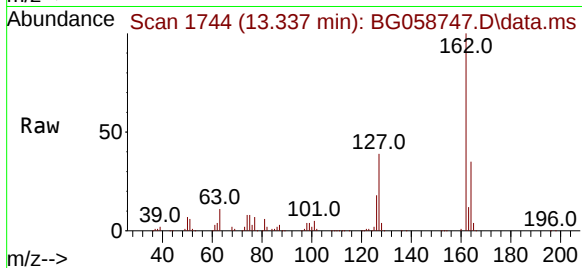
Tgt Ion:154 Resp: 278292
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 13.3 0.0 34.7





#47
2-Chloronaphthalene
Concen: 53.058 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

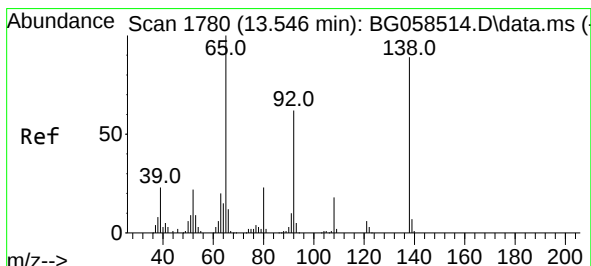
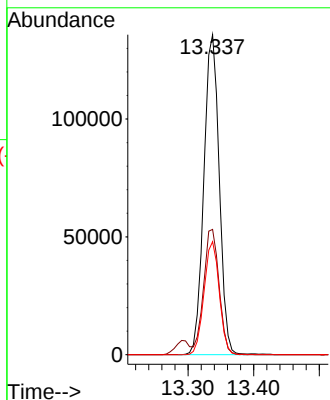
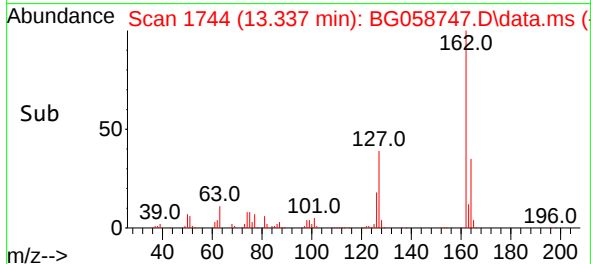
Instrument :
BNA_G
ClientSampleId :
PB154612BS



Tgt Ion:162 Resp: 22188
Ion Ratio Lower Upper
162 100
127 39.2 30.9 46.3
164 35.3 27.2 40.8

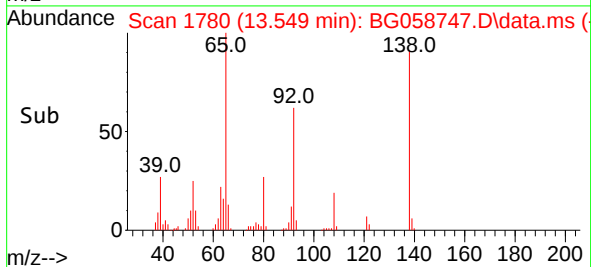
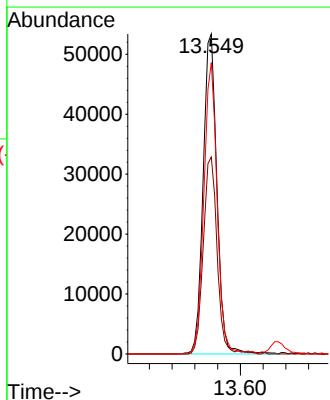
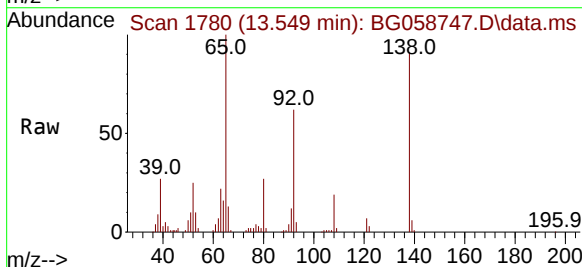
Manual Integrations
APPROVED

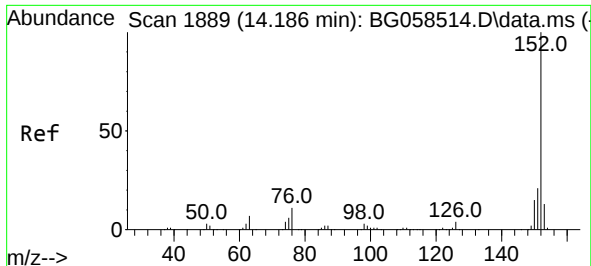
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#48
2-Nitroaniline
Concen: 56.082 ng
RT: 13.549 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion: 65 Resp: 89519
Ion Ratio Lower Upper
65 100
92 61.6 49.2 73.8
138 91.1 71.5 107.3





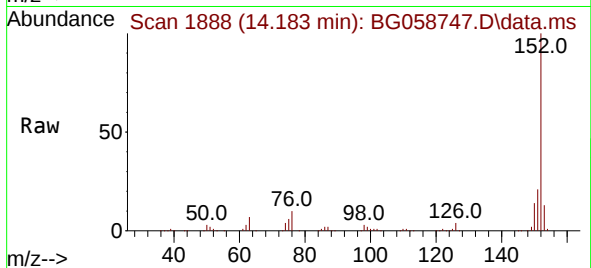
#49
Acenaphthylene
Concen: 53.316 ng
RT: 14.183 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

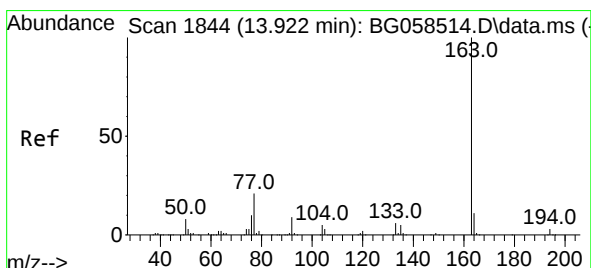
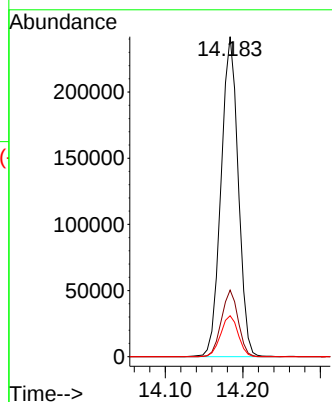
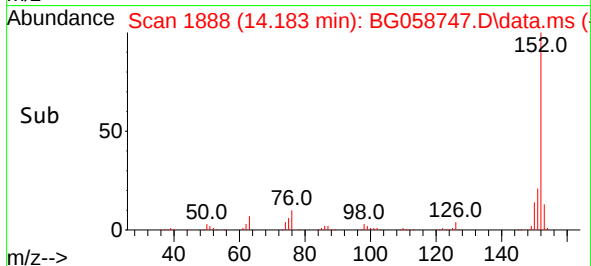


Tgt Ion:152 Resp: 373292
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 12.8 10.7 16.1

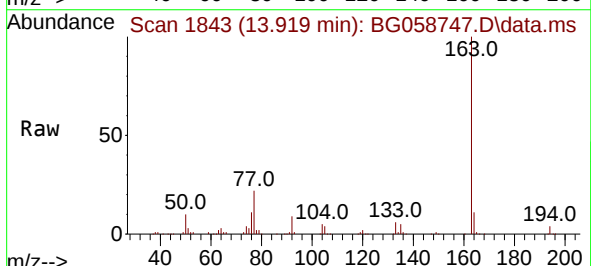
Manual Integrations

APPROVED

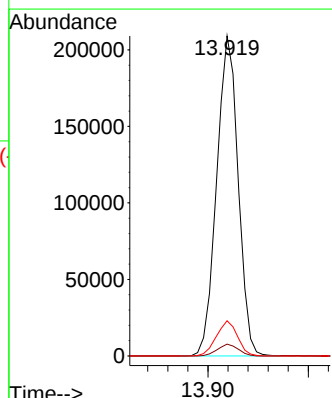
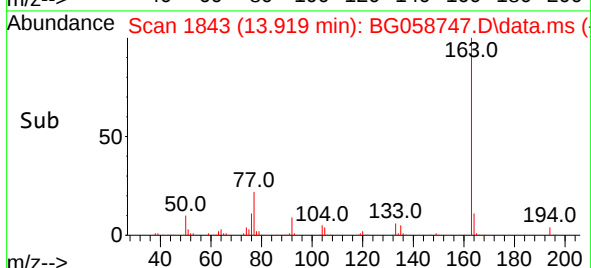
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

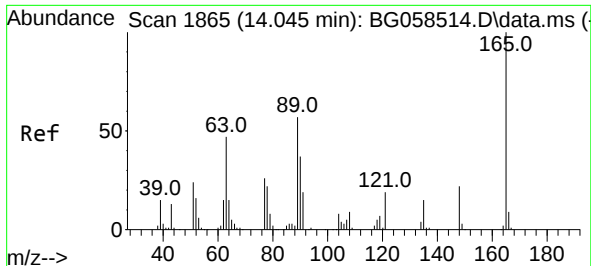


#50
Dimethylphthalate
Concen: 52.956 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:163 Resp: 310613
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.6 12.8





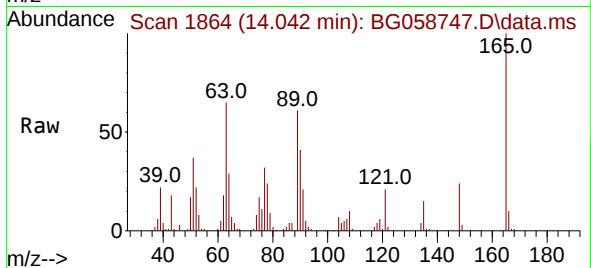
#51
2,6-Dinitrotoluene
Concen: 54.149 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

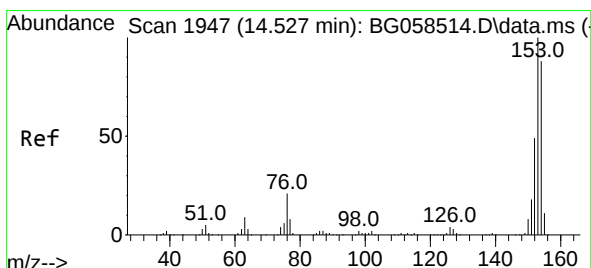
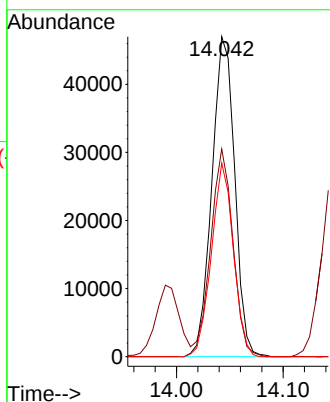
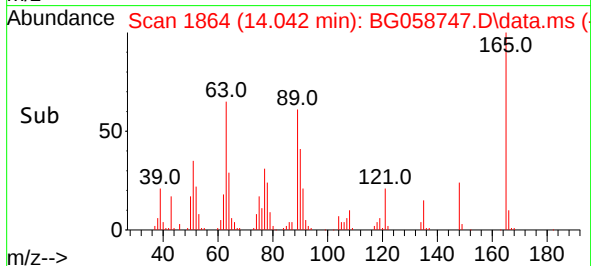


Tgt Ion:165 Resp: 69690
Ion Ratio Lower Upper
165 100
63 64.9 46.4 69.6
89 60.5 45.3 67.9

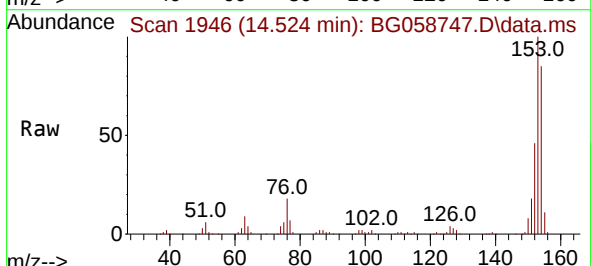
Manual Integrations

APPROVED

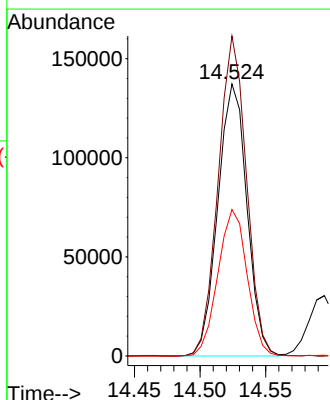
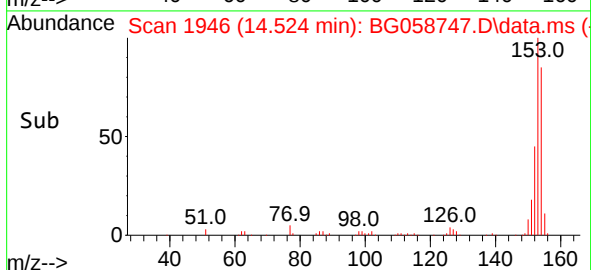
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

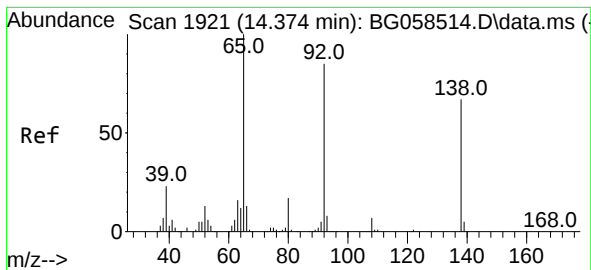


#52
Acenaphthene
Concen: 52.263 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:154 Resp: 211437
Ion Ratio Lower Upper
154 100
153 117.6 91.1 136.7
152 53.8 44.6 66.8





#53
3-Nitroaniline
Concen: 39.673 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

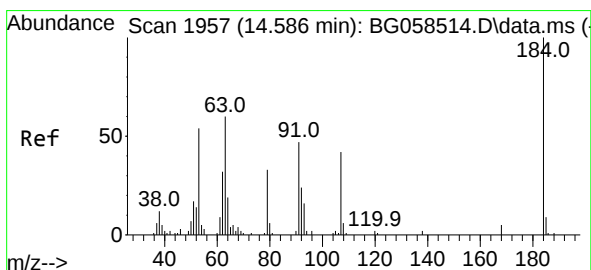
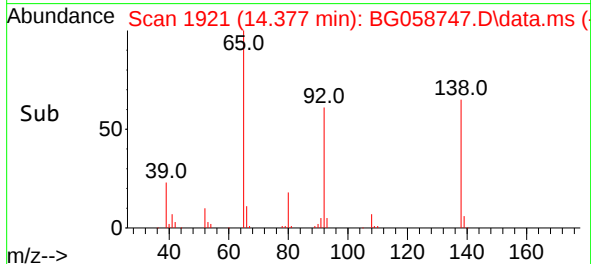
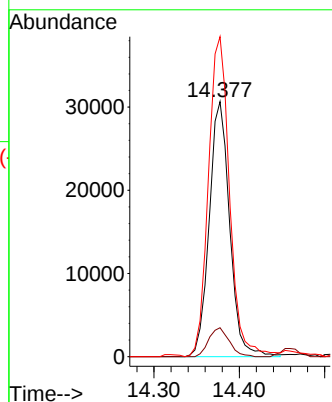
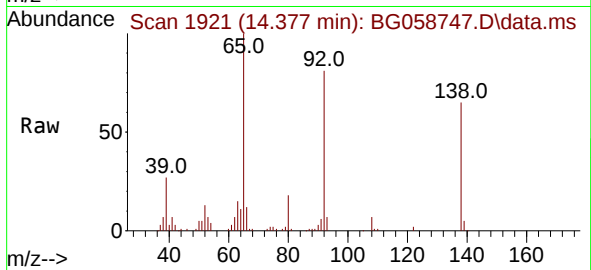
ClientSampleId :

PB154612BS

Tgt Ion:138 Resp: 51084
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 125.5 101.1 151.7

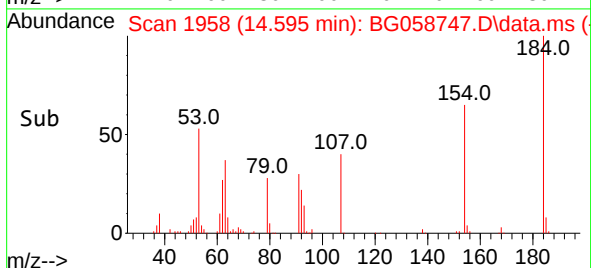
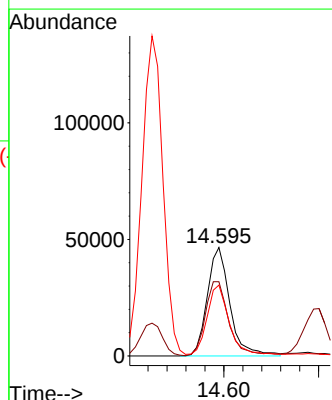
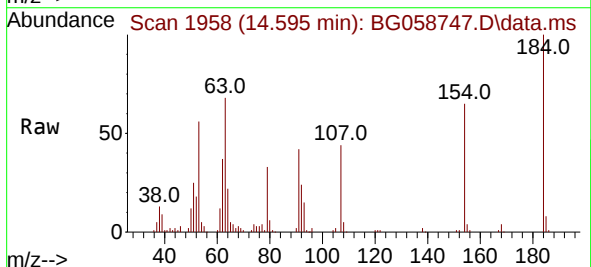
Manual Integrations
APPROVED

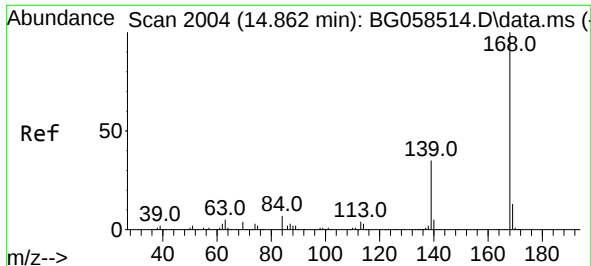
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 103.878 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.009 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:184 Resp: 77152
Ion Ratio Lower Upper
184 100
63 68.4 56.7 85.1
154 65.4 46.1 69.1





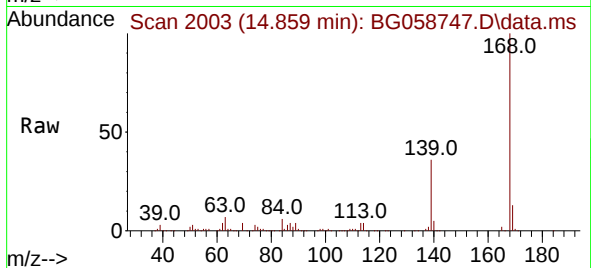
#55
Dibenzenofuran
Concen: 52.458 ng
RT: 14.859 min Scan# 2004
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

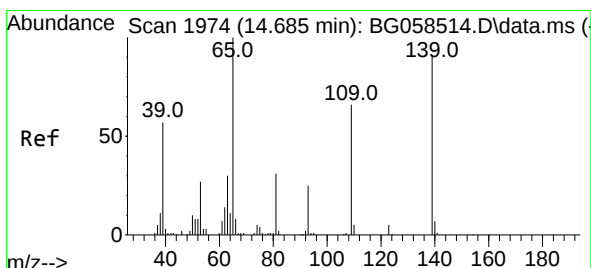
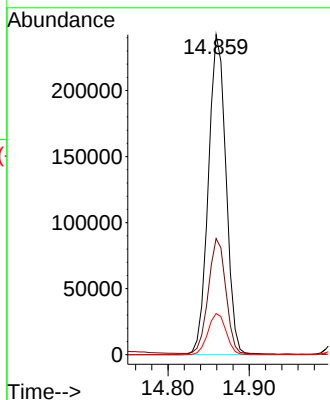
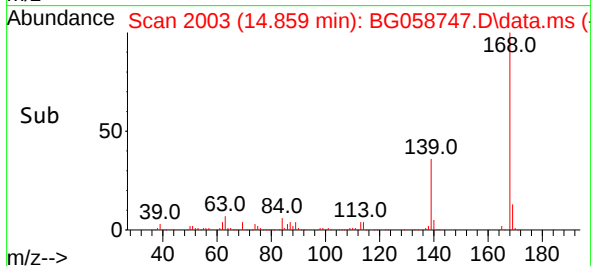


Tgt Ion:168 Resp: 36467
Ion Ratio Lower Upper
168 100
139 36.3 27.8 41.8
169 12.8 10.6 16.0

Manual Integrations

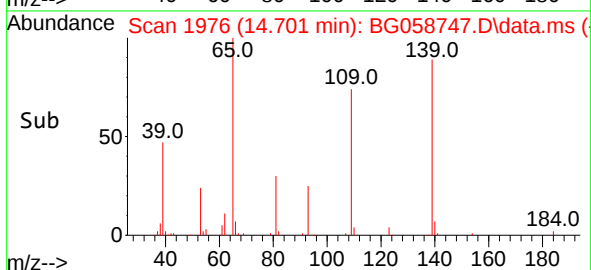
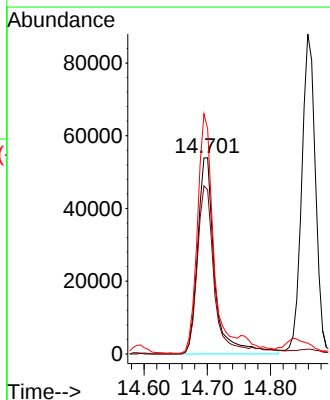
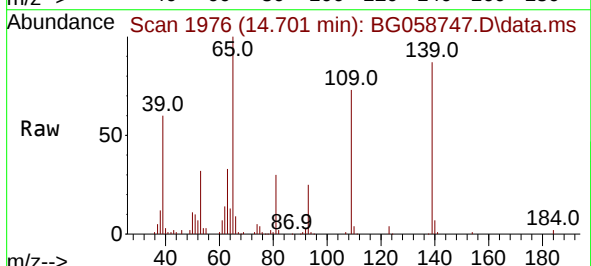
APPROVED

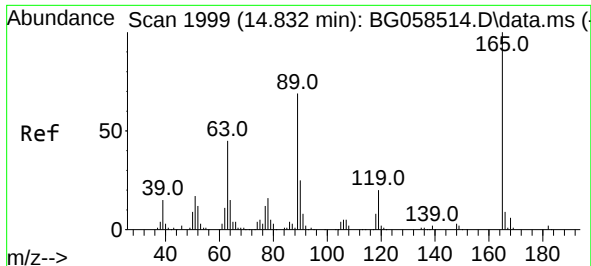
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 105.621 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.015 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:139 Resp: 101836
Ion Ratio Lower Upper
139 100
109 83.6 52.5 92.5
65 114.7 90.5 130.5





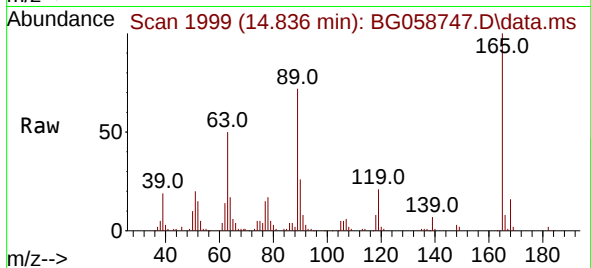
#57
2,4-Dinitrotoluene
Concen: 56.656 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

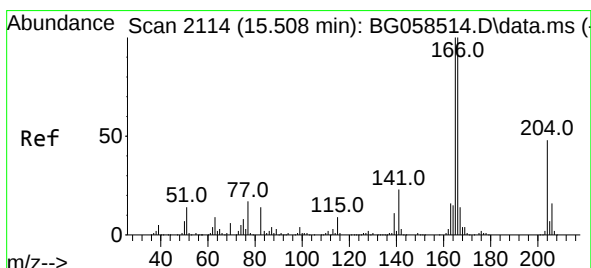
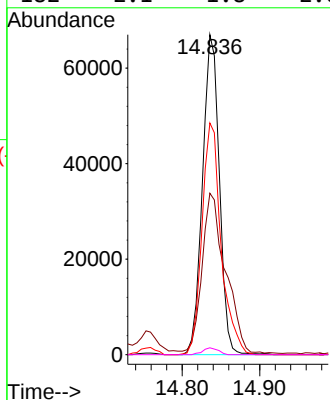
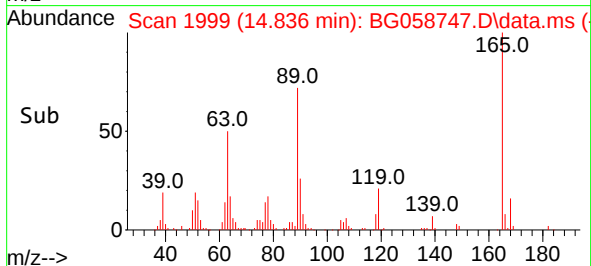


Tgt Ion:165 Resp: 101089
Ion Ratio Lower Upper
165 100
63 50.4 36.6 54.8
89 72.4 55.4 83.0
182 2.1 1.8 2.6

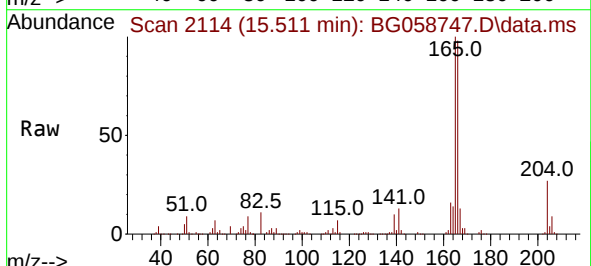
Manual Integrations

APPROVED

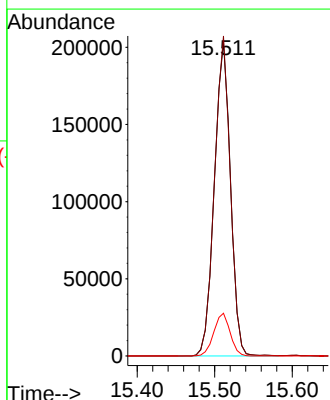
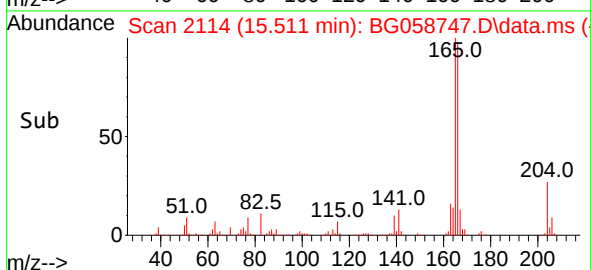
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#58
Fluorene
Concen: 53.265 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:166 Resp: 294157
Ion Ratio Lower Upper
166 100
165 102.1 80.0 120.0
167 13.6 11.3 16.9





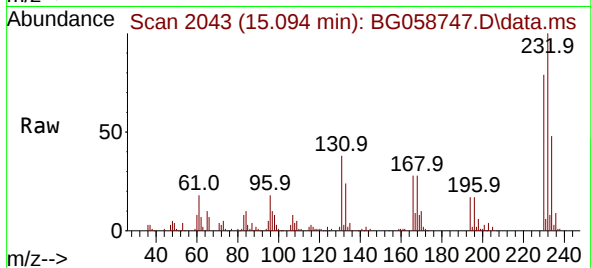
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.645 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS



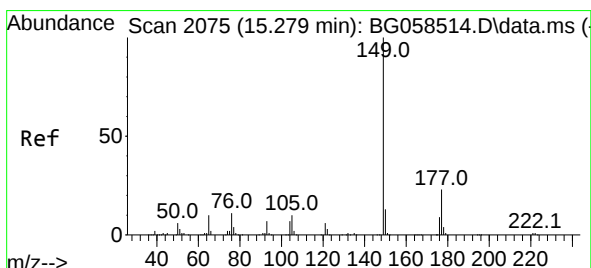
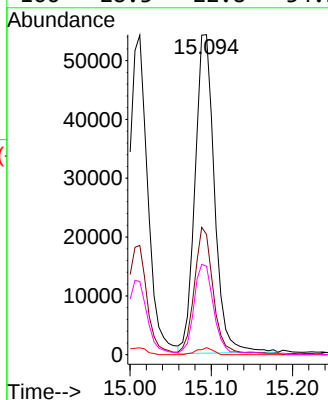
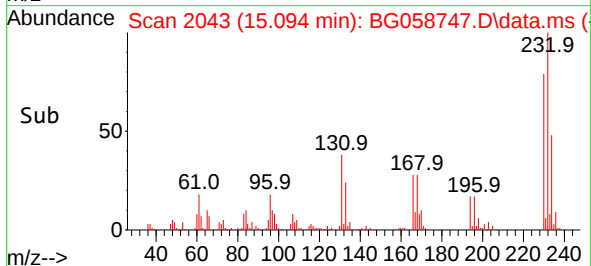
Tgt Ion:232 Resp: 90579
Ion Ratio Lower Upper
232 100
131 39.4 30.0 45.0
130 1.8 1.5 2.3
166 28.3 22.8 34.2

Manual Integrations

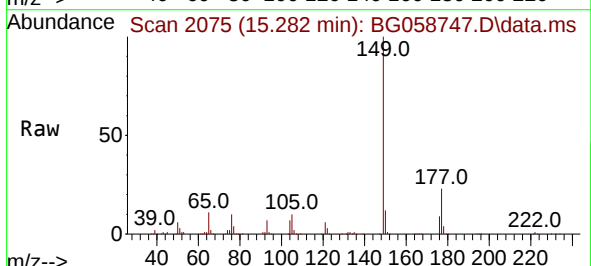
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

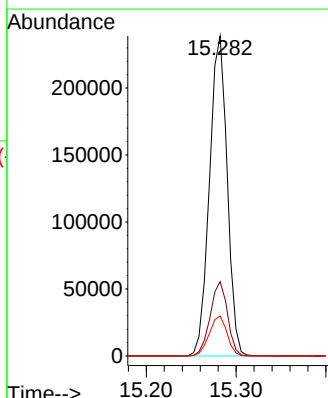
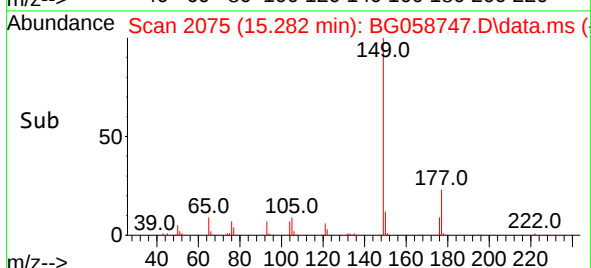
Supervised By :mohammad ahmed 08/17/2023



#60
Diethylphthalate
Concen: 54.716 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:149 Resp: 326953
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 53.162 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

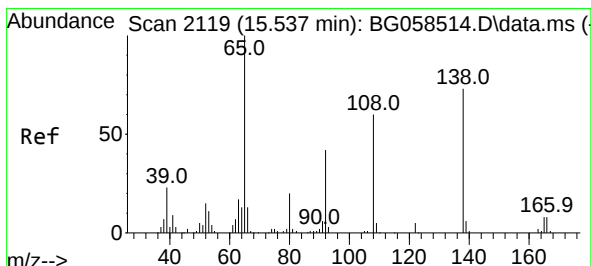
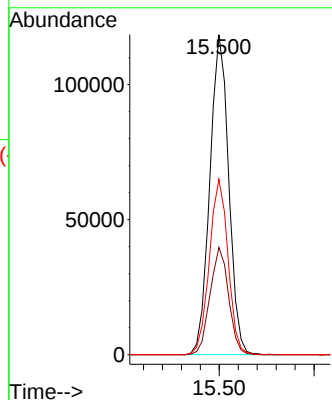
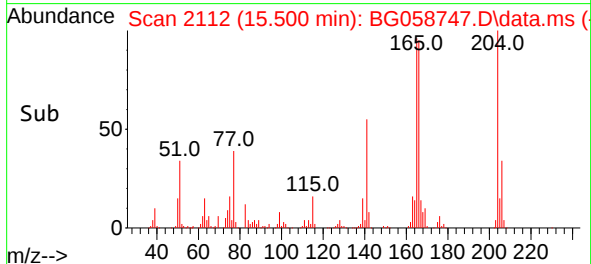
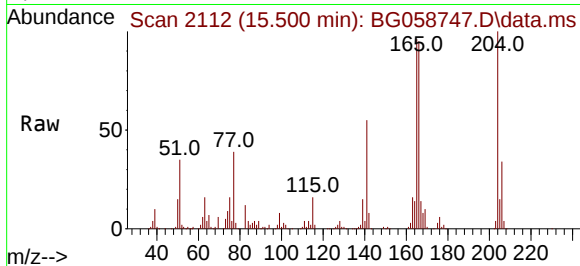
ClientSampleId :

PB154612BS

Tgt Ion:204 Resp: 163680
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 54.8 40.8 61.2

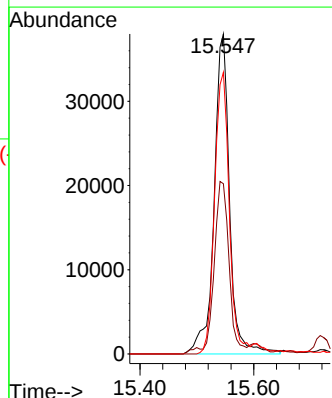
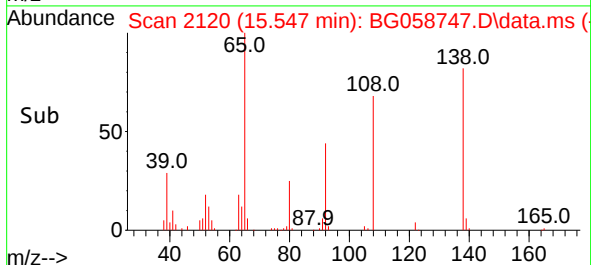
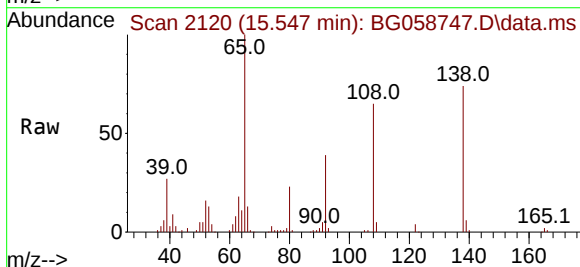
Manual Integrations
APPROVED

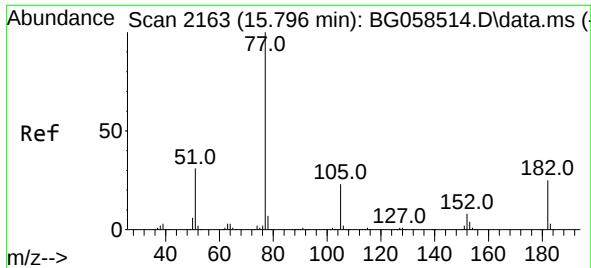
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 58.613 ng
RT: 15.547 min Scan# 2120
Delta R.T. 0.009 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:138 Resp: 71494
Ion Ratio Lower Upper
138 100
92 53.2 37.3 77.3
108 88.0 62.6 102.6





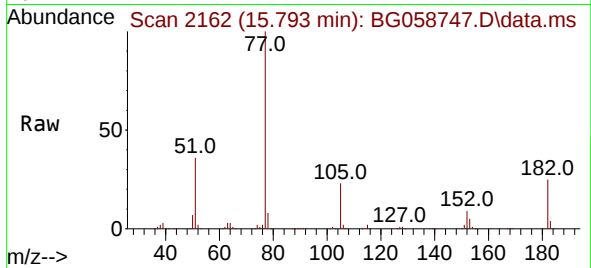
#63
Azobenzene
Concen: 52.053 ng
RT: 15.793 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

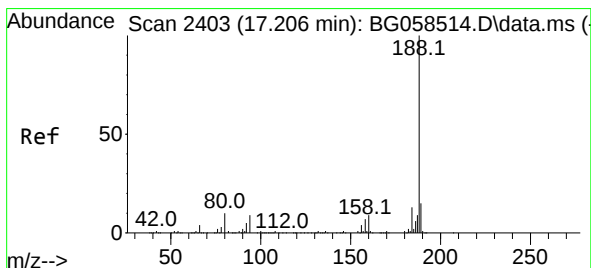
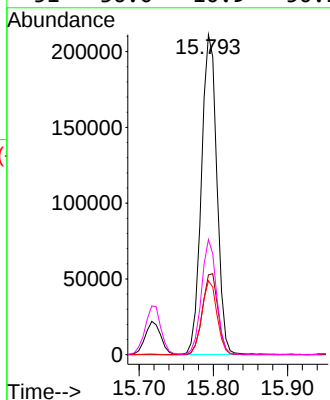
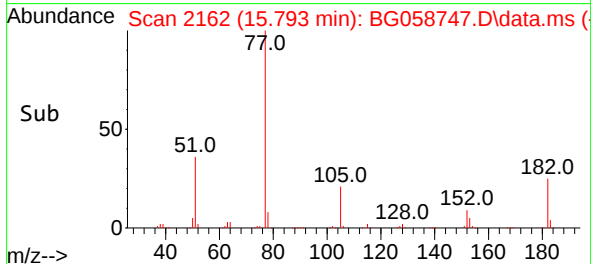


Tgt Ion: 77 Resp: 30636
Ion Ratio Lower Upper
77 100
182 25.0 4.6 44.6
105 23.1 3.3 43.3
51 36.0 10.9 50.9

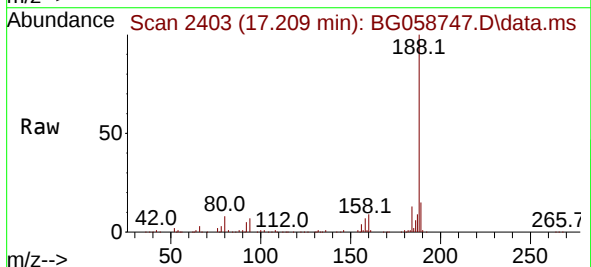
Manual Integrations

APPROVED

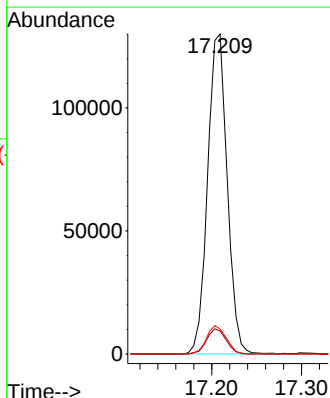
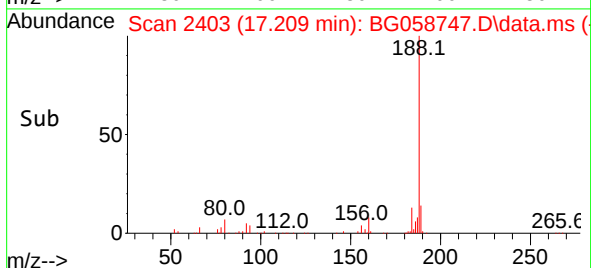
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

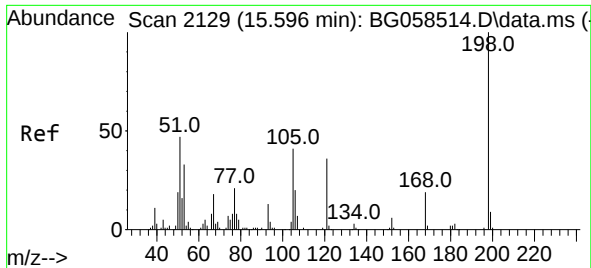


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:188 Resp: 196892
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.8 8.1 12.1#





#65
4,6-Dinitro-2-methylphenol
Concen: 54.851 ng
RT: 15.605 min Scan# 2149
Delta R.T. 0.009 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

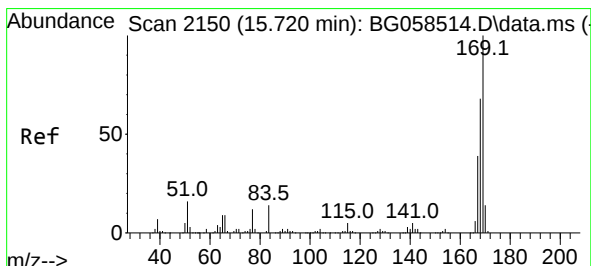
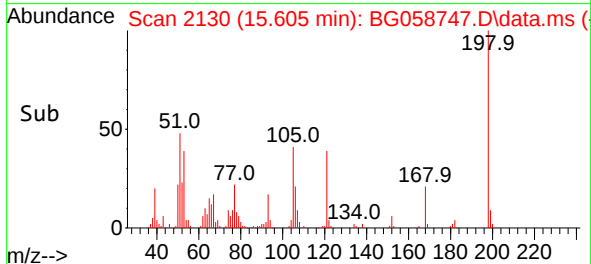
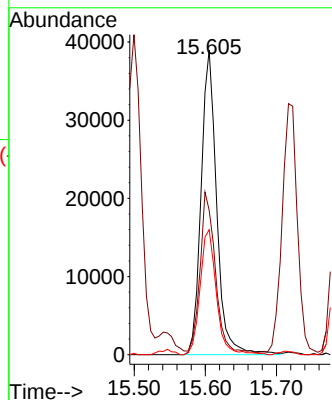
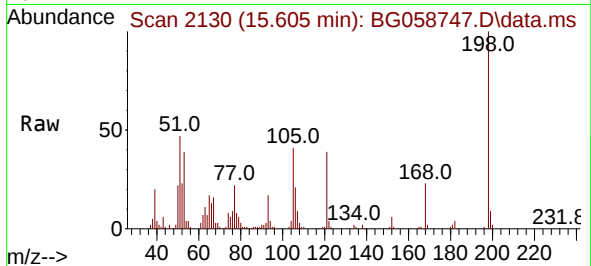
ClientSampleId :

PB154612BS

Tgt Ion:198 Resp: 59549
Ion Ratio Lower Upper
198 100
51 47.4 29.3 69.3
105 41.0 21.0 61.0

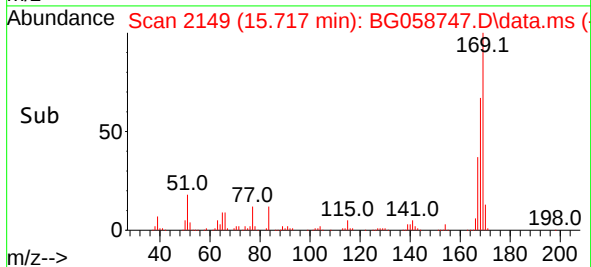
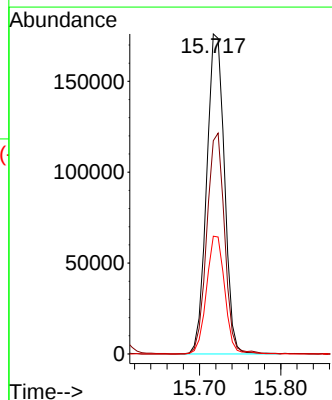
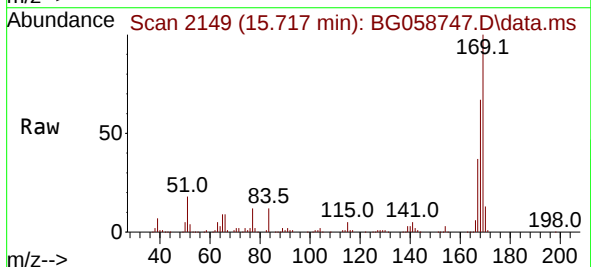
Manual Integrations
APPROVED

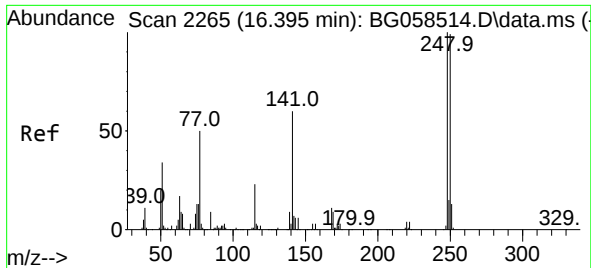
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 52.143 ng
RT: 15.717 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:169 Resp: 267211
Ion Ratio Lower Upper
169 100
168 66.7 54.6 82.0
167 36.8 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 50.422 ng
RT: 16.393 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

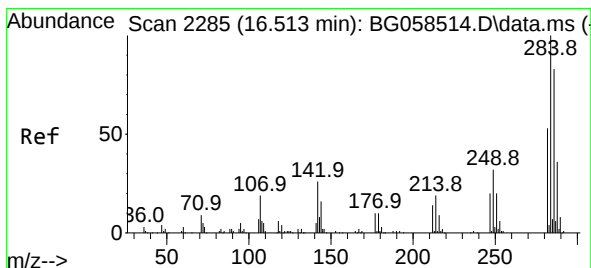
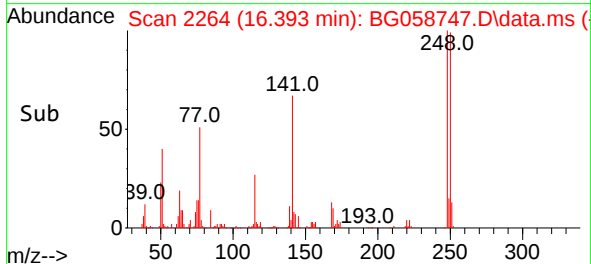
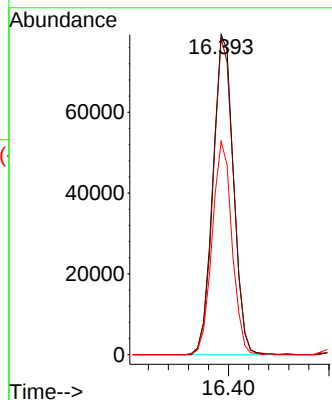
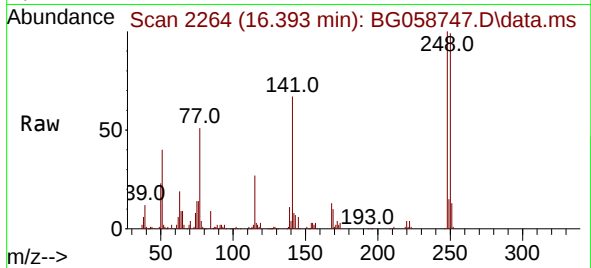
ClientSampleId :

PB154612BS

Tgt Ion:248 Resp: 11260
Ion Ratio Lower Upper
248 100
250 99.0 79.5 119.3
141 66.7 48.2 72.2

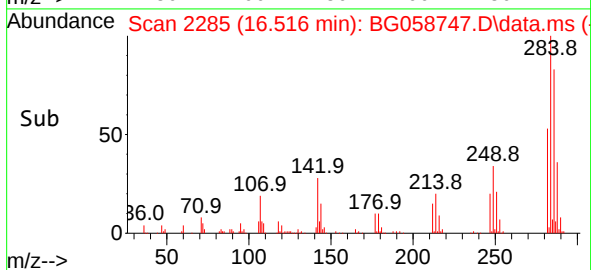
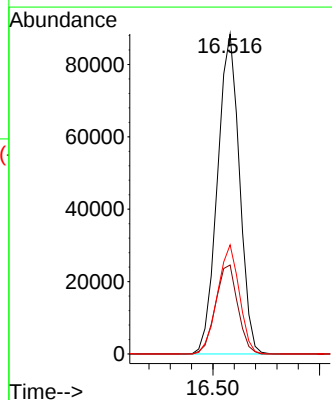
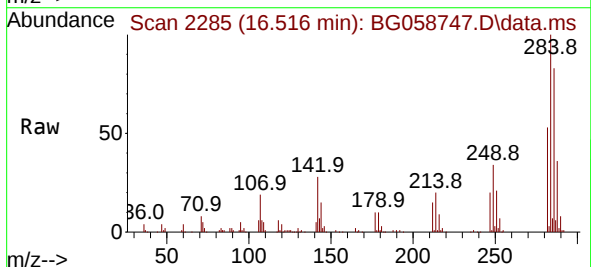
Manual Integrations
APPROVED

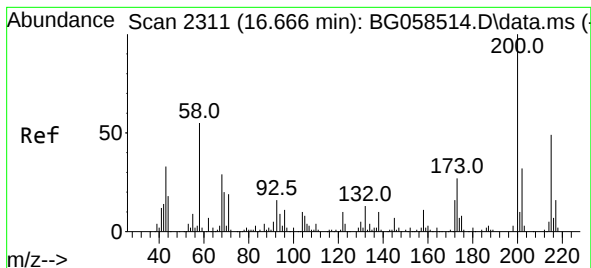
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#68
Hexachlorobenzene
Concen: 53.405 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

Tgt Ion:284 Resp: 126377
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.4
249 34.1 25.5 38.3





#69

Atrazine

Concen: 64.547 ng

RT: 16.669 min Scan# 211662

Delta R.T. 0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

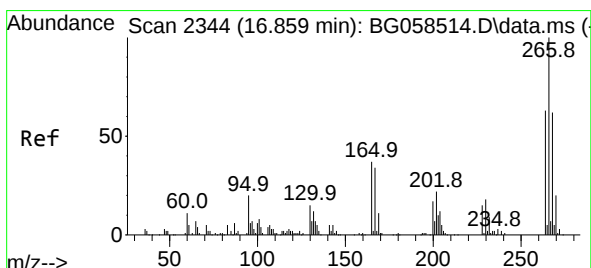
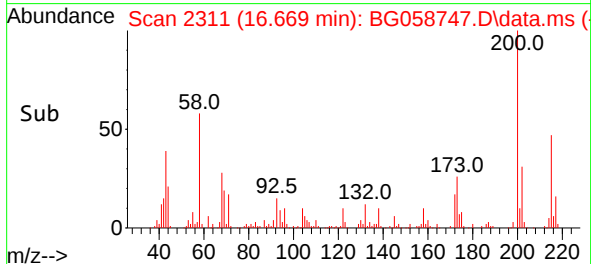
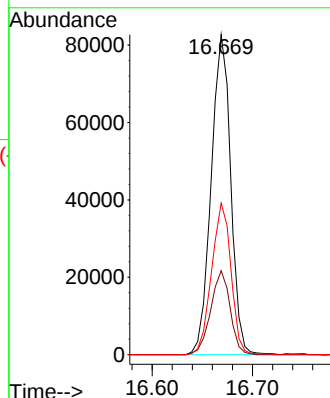
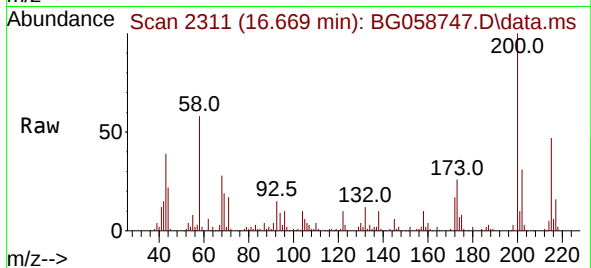
Tgt Ion:200 Resp: 111662
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.5 46.5
 215 47.4 28.9 68.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#70

Pentachlorophenol

Concen: 82.084 ng

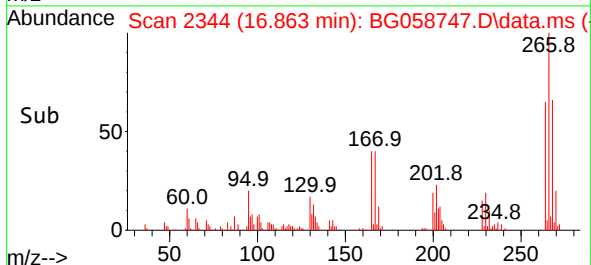
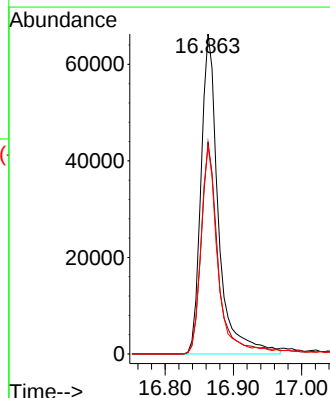
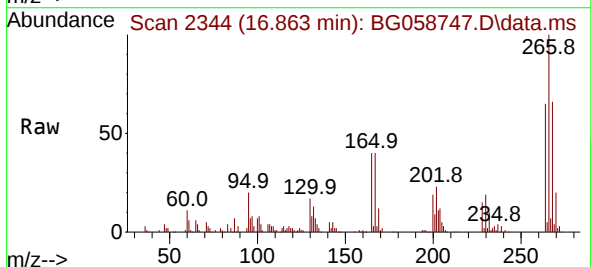
RT: 16.863 min Scan# 2344

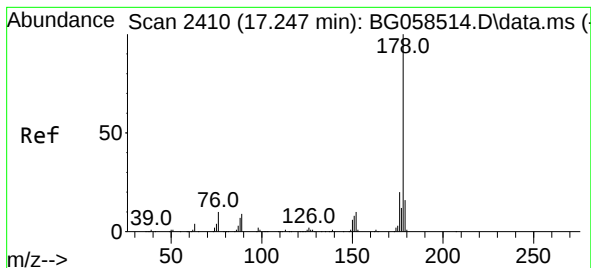
Delta R.T. 0.004 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Tgt Ion:266 Resp: 117571
 Ion Ratio Lower Upper
 266 100
 268 66.2 49.9 74.9
 264 64.8 50.2 75.4





#71

Phenanthrene

Concen: 53.316 ng

RT: 17.250 min Scan# 2410

Delta R.T. 0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

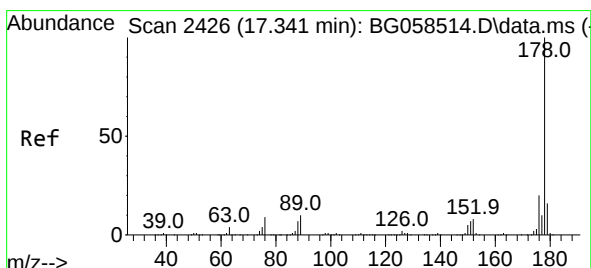
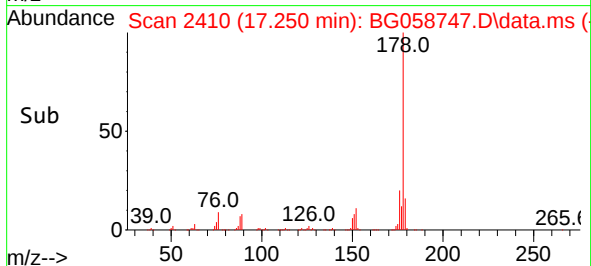
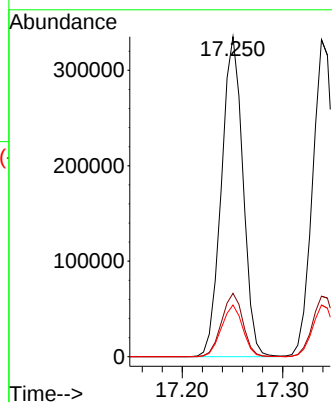
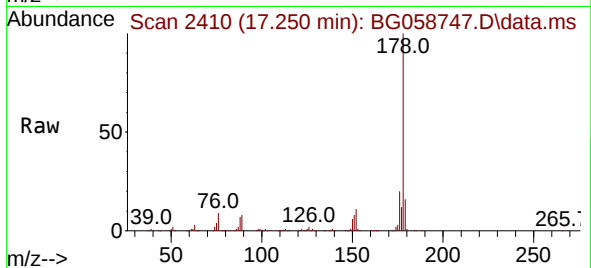
PB154612BS

Tgt Ion:178 Resp: 49783
 Ion Ratio Lower Upper
 178 100
 176 19.8 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: 52.311 ng

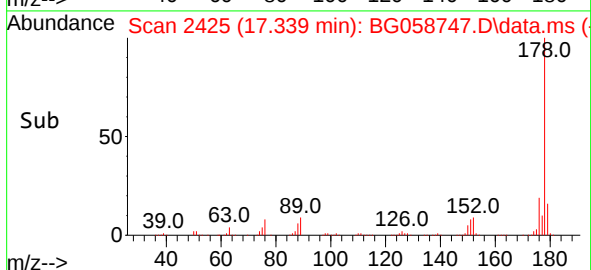
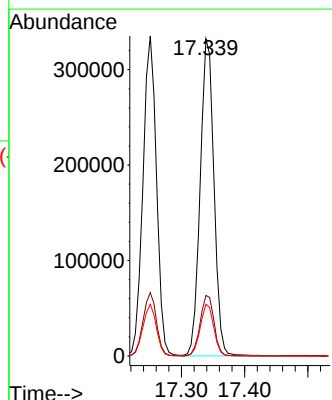
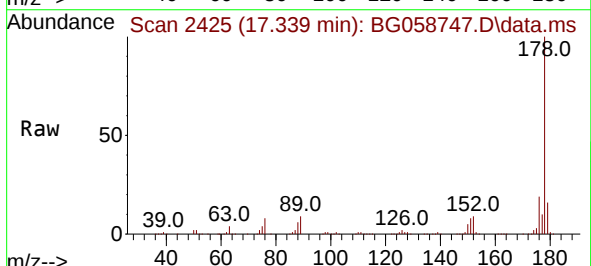
RT: 17.339 min Scan# 2425

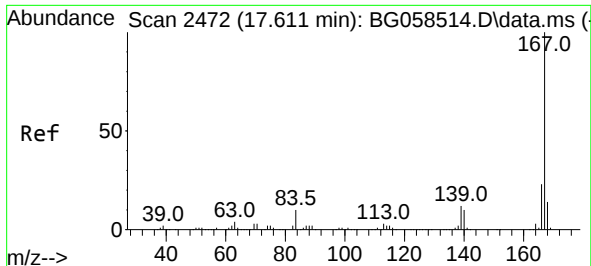
Delta R.T. -0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

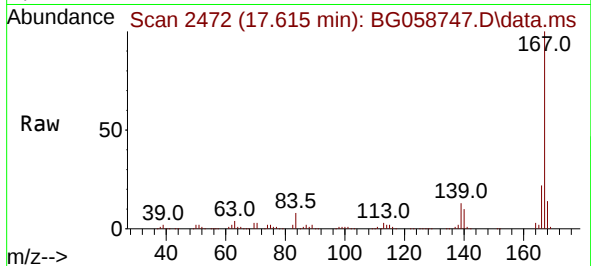
Tgt Ion:178 Resp: 501194
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.3 12.9 19.3





#73
 Carbazole
 Concen: 55.012 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058747.D
 Acq: 16 Aug 2023 14:04

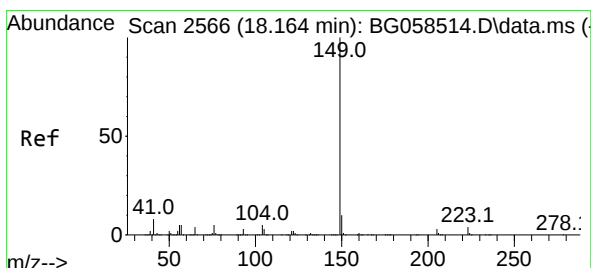
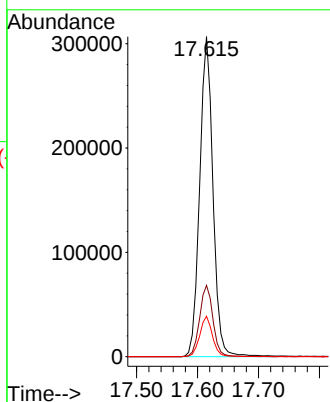
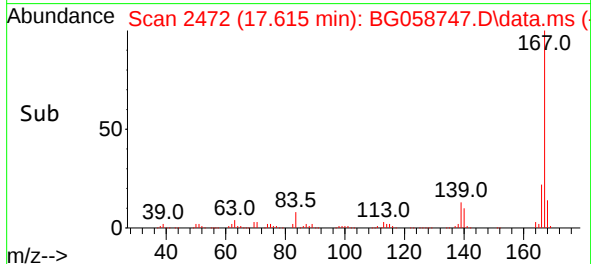
Instrument :
 BNA_G
 ClientSampleId :
 PB154612BS



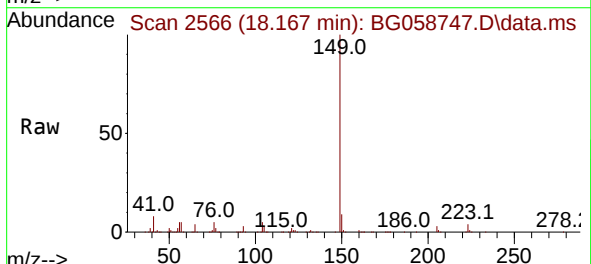
Tgt Ion:167 Resp: 464789
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 12.6 10.0 15.0

Manual Integrations
 APPROVED

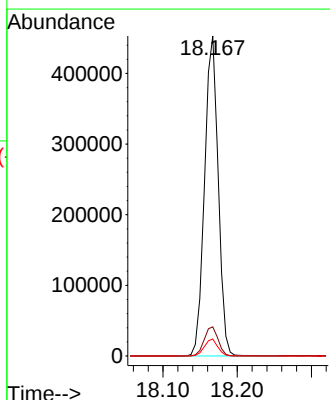
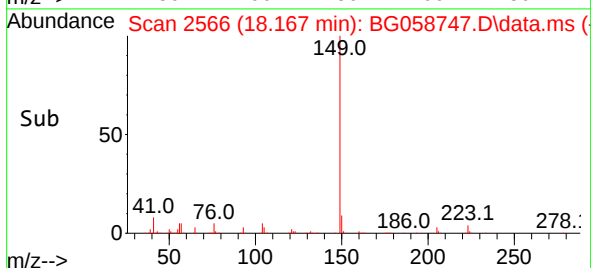
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

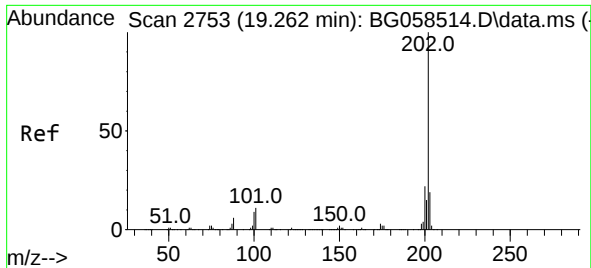


#74
 Di-n-butylphthalate
 Concen: 54.805 ng
 RT: 18.167 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058747.D
 Acq: 16 Aug 2023 14:04



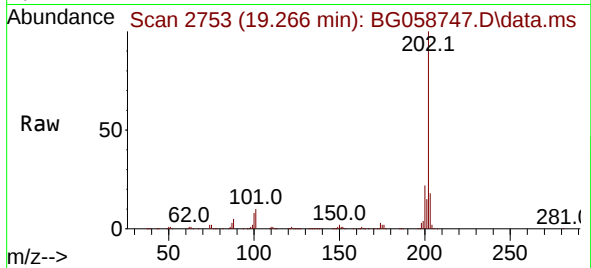
Tgt Ion:149 Resp: 579978
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 54.115 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

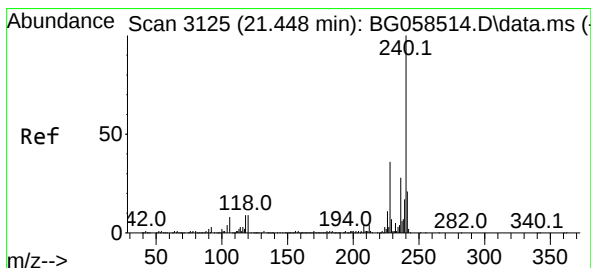
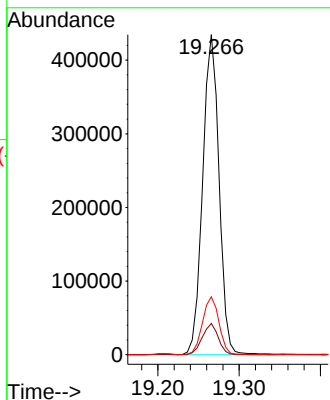
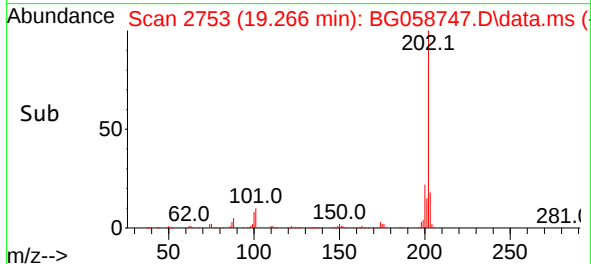
Instrument :
BNA_G
ClientSampleId :
PB154612BS



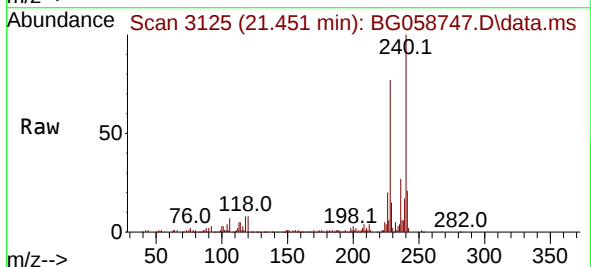
Tgt Ion:202 Resp: 606974
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.1 0.0 39.0

Manual Integrations
APPROVED

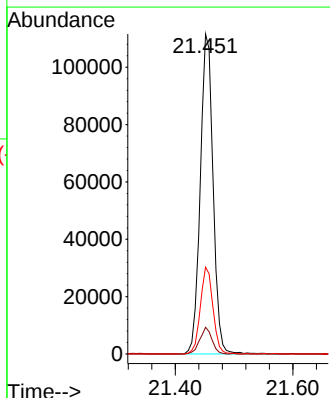
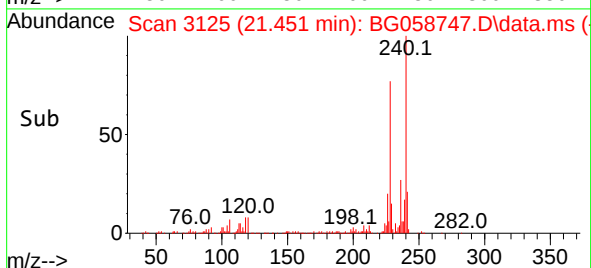
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

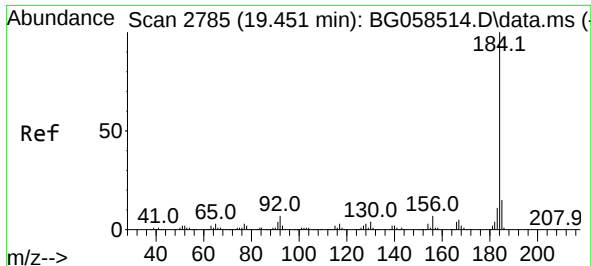


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



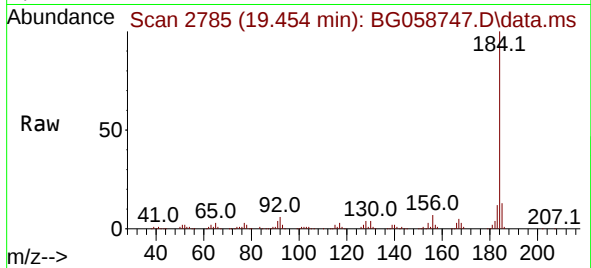
Tgt Ion:240 Resp: 168883
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 27.1 22.2 33.4





#77
Benzidine
Concen: 87.499 ng
RT: 19.454 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

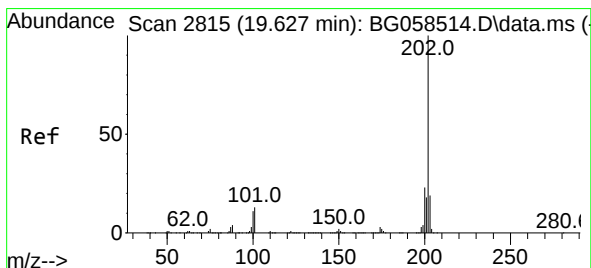
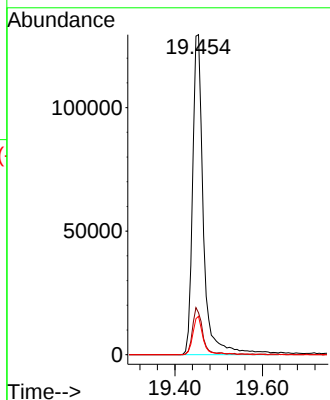
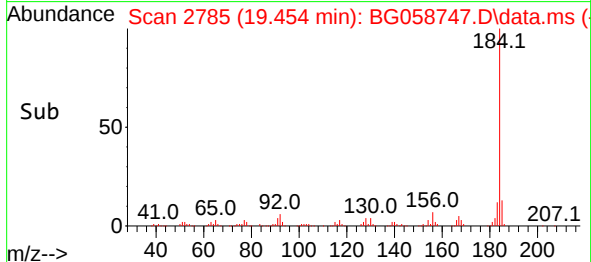
Instrument :
BNA_G
ClientSampleId :
PB154612BS



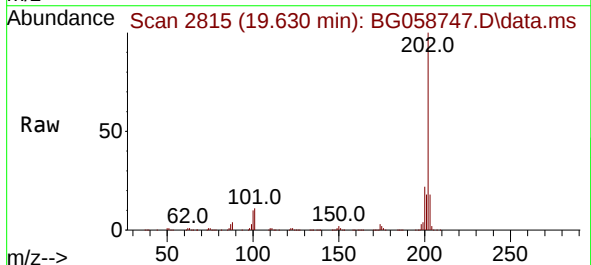
Tgt Ion:184 Resp: 22408
Ion Ratio Lower Upper
184 100
185 13.1 11.9 17.9
183 12.0 8.7 13.1

Manual Integrations
APPROVED

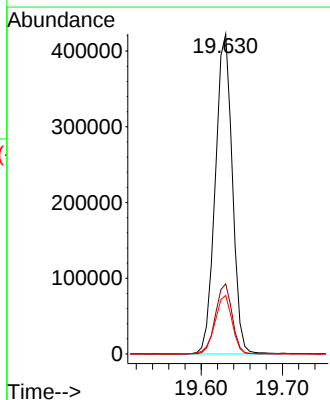
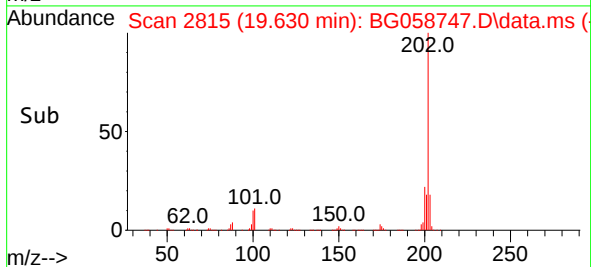
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#78
Pyrene
Concen: 53.553 ng
RT: 19.630 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:202 Resp: 615507
Ion Ratio Lower Upper
202 100
200 21.9 18.2 27.2
203 18.3 15.1 22.7





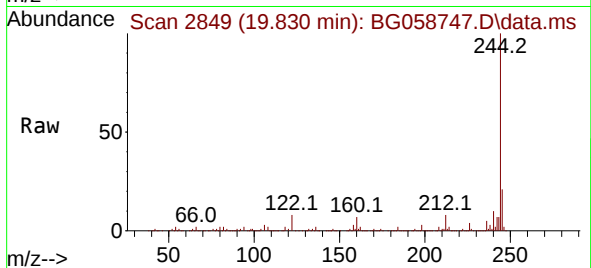
#79
 Terphenyl-d14
 Concen: 101.323 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058747.D
 Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

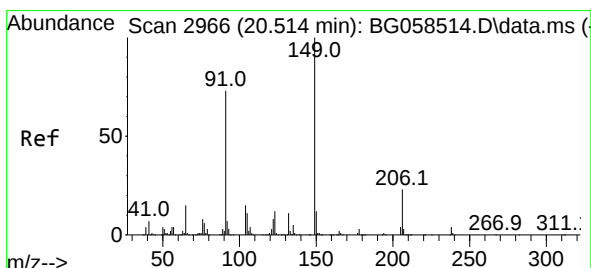
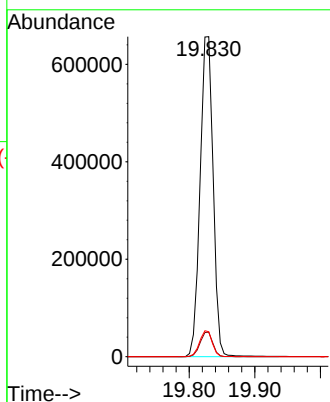
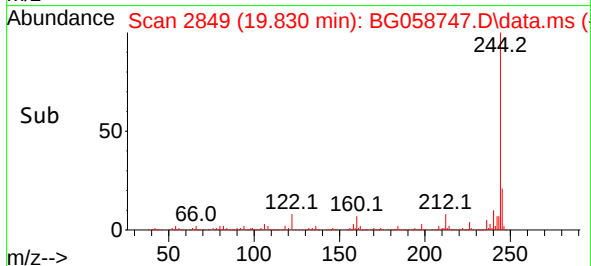


Tgt Ion:244 Resp: 90994
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 7.8 6.8 10.2

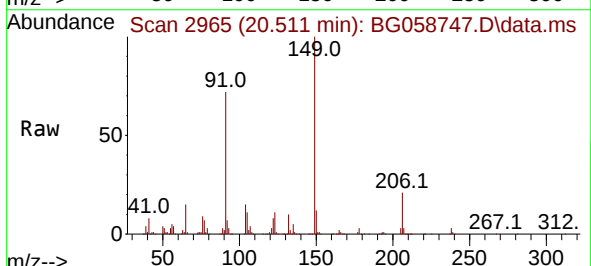
Manual Integrations

APPROVED

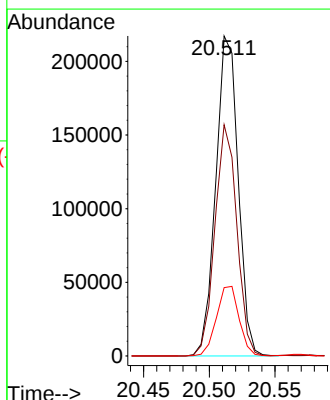
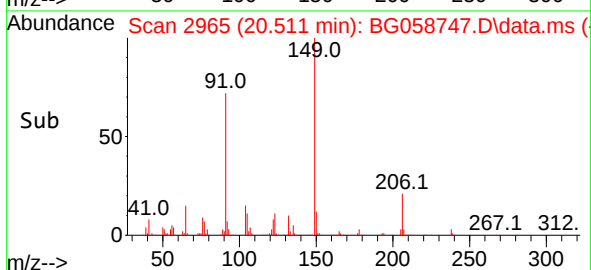
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

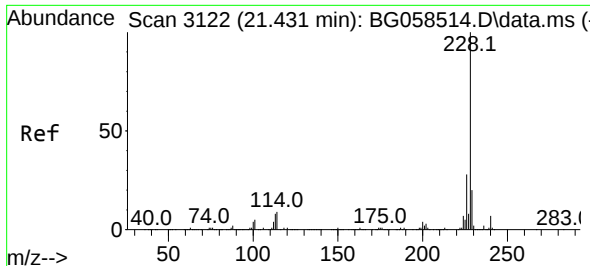


#80
 Butylbenzylphthalate
 Concen: 54.602 ng
 RT: 20.511 min Scan# 2965
 Delta R.T. -0.003 min
 Lab File: BG058747.D
 Acq: 16 Aug 2023 14:04



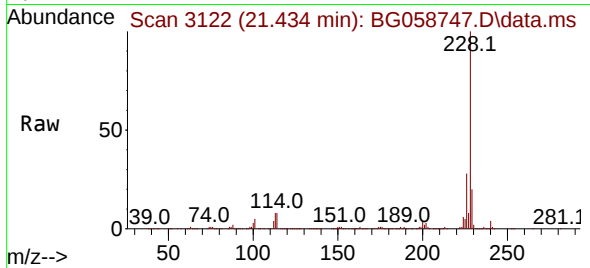
Tgt Ion:149 Resp: 257780
 Ion Ratio Lower Upper
 149 100
 91 72.3 58.4 87.6
 206 21.4 18.3 27.5





#81
Benzo(a)anthracene
Concen: 53.786 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

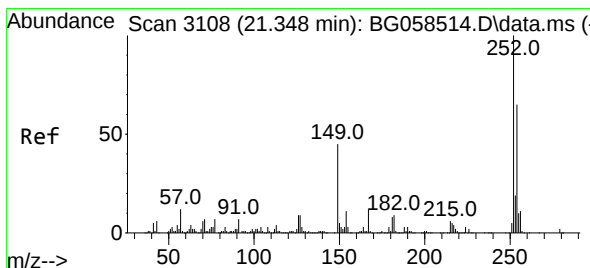
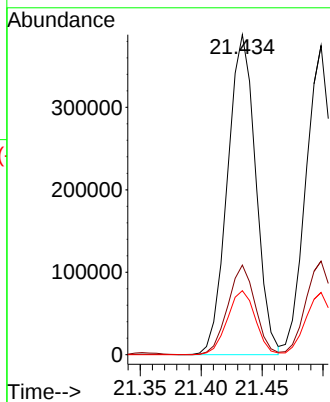
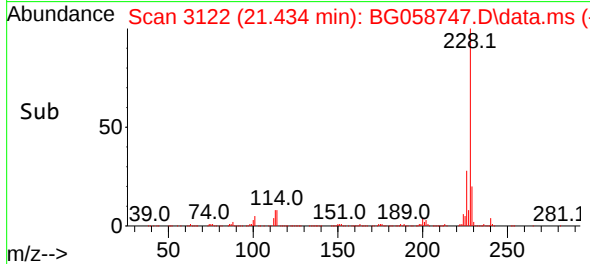
Instrument :
BNA_G
ClientSampleId :
PB154612BS



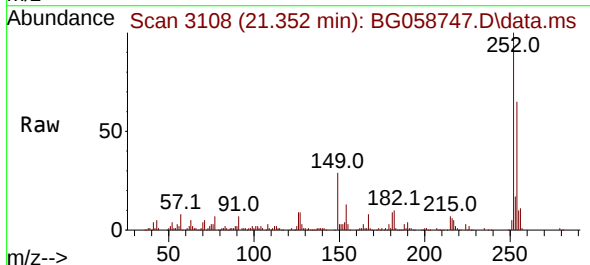
Tgt Ion:228 Resp: 625119
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 16.3 24.5

Manual Integrations
APPROVED

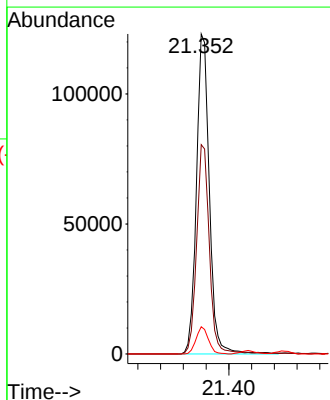
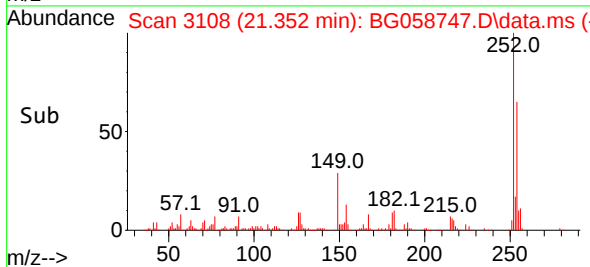
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 49.510 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:252 Resp: 194557
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 8.5 7.2 10.8





#83

Chrysene

Concen: 51.963 ng

RT: 21.498 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058747.D

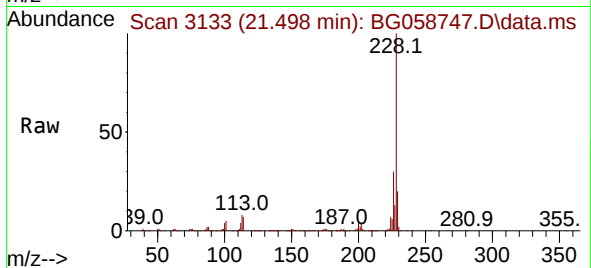
Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS



Tgt Ion:228 Resp: 57904

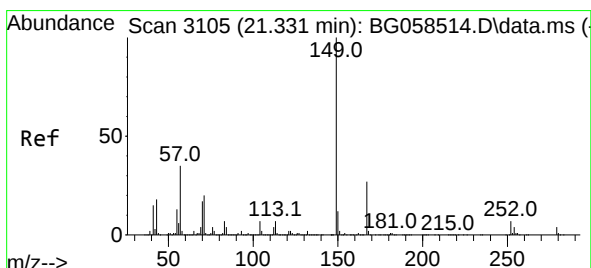
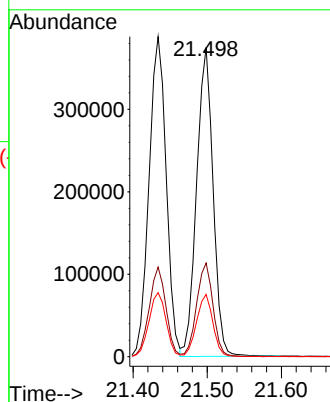
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.1	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.711 ng

RT: 21.334 min Scan# 3105

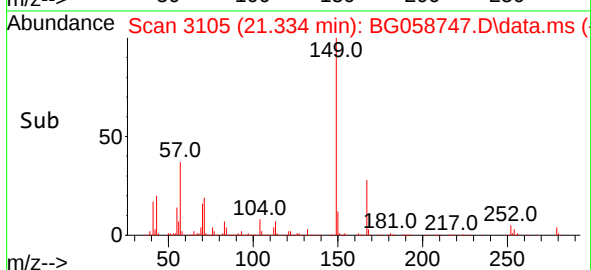
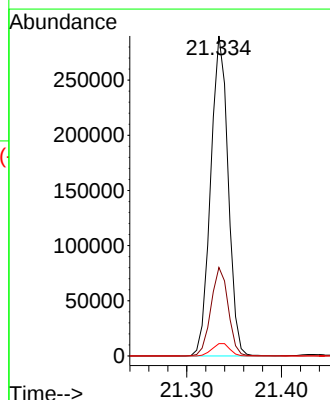
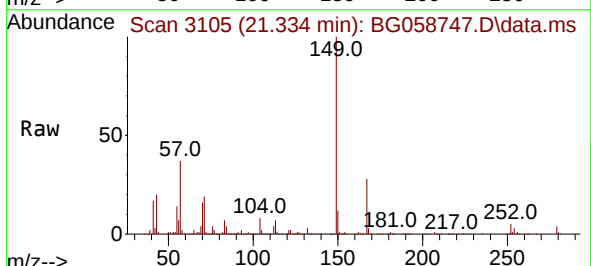
Delta R.T. 0.003 min

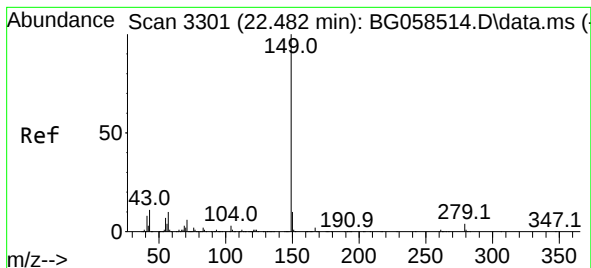
Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Tgt Ion:149 Resp: 370550

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	3.9	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 54.207 ng

RT: 22.485 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

Tgt Ion:149 Resp: 657492

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

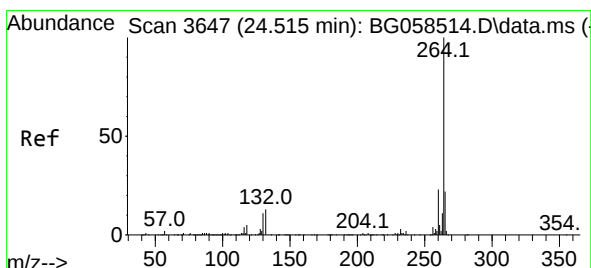
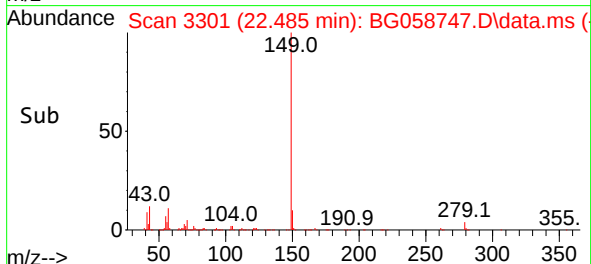
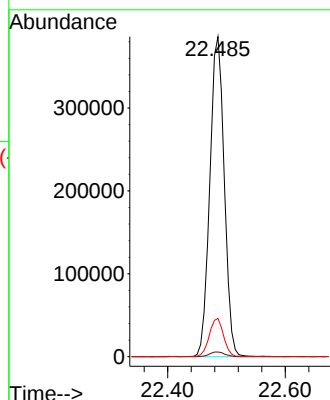
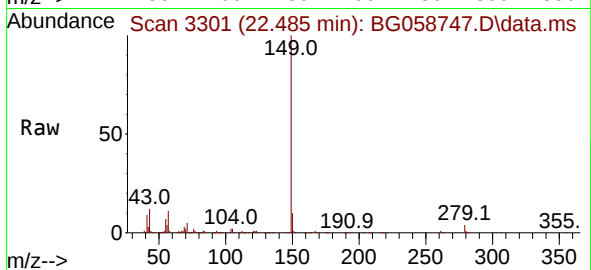
43 11.8 8.2 12.2

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: 24.524 min Scan# 3648

Delta R.T. 0.009 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

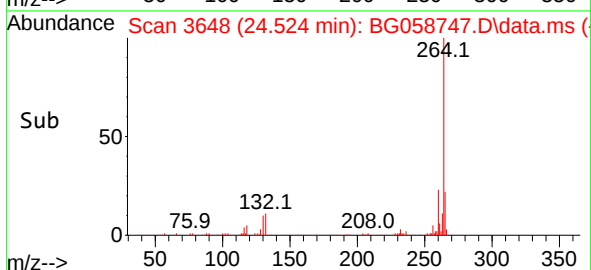
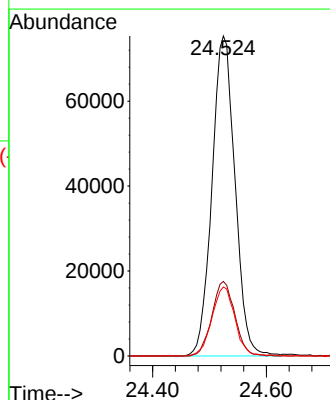
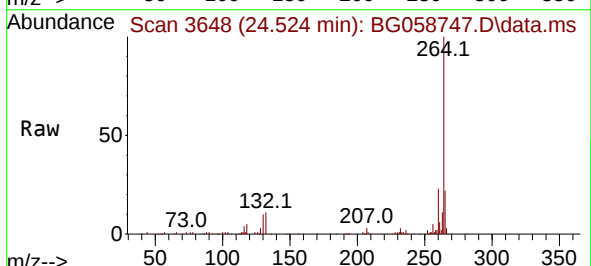
Tgt Ion:264 Resp: 211728

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.979 ng

RT: 28.026 min Scan# 4244

Delta R.T. 0.015 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

Tgt Ion:276 Resp: 78850

Ion Ratio Lower Upper

276 100

138 17.7 16.0 24.0

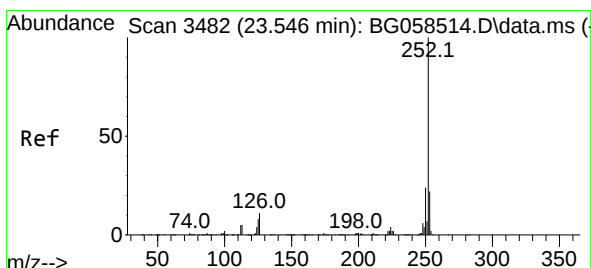
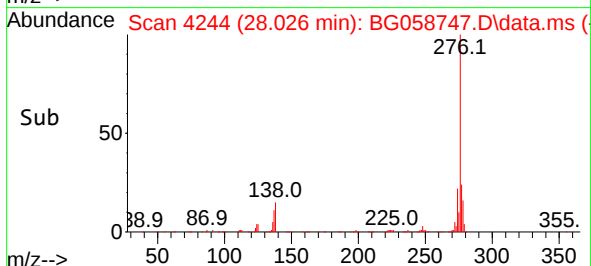
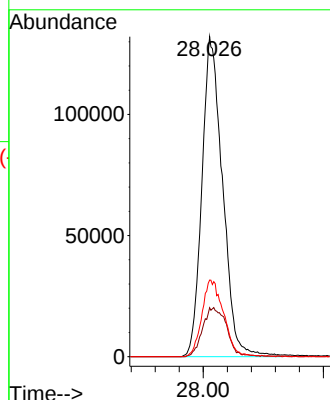
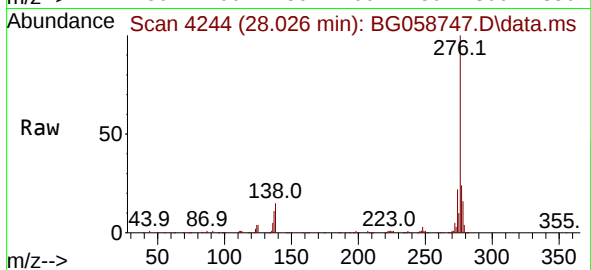
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#88

Benzo(b)fluoranthene

Concen: 57.632 ng

RT: 23.549 min Scan# 3482

Delta R.T. 0.003 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

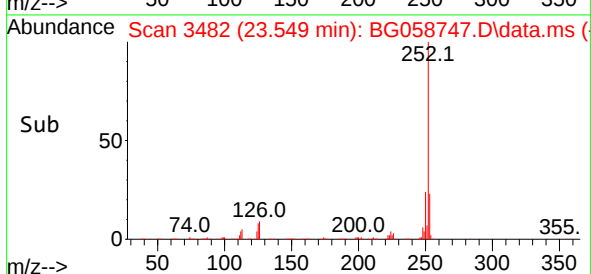
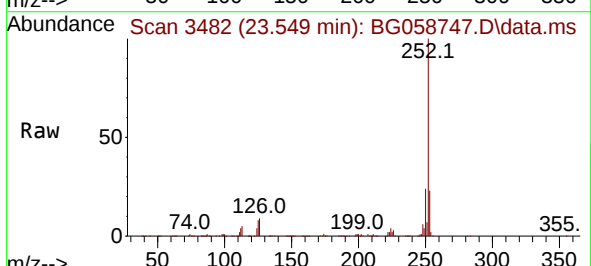
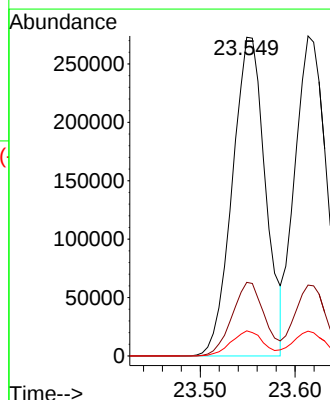
Tgt Ion:252 Resp: 661823

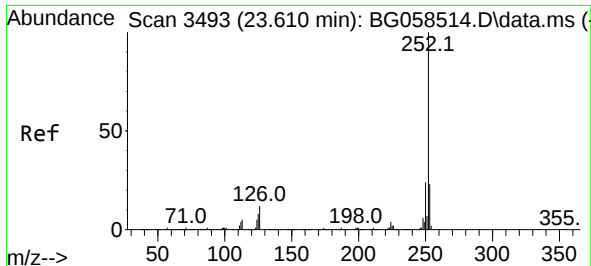
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

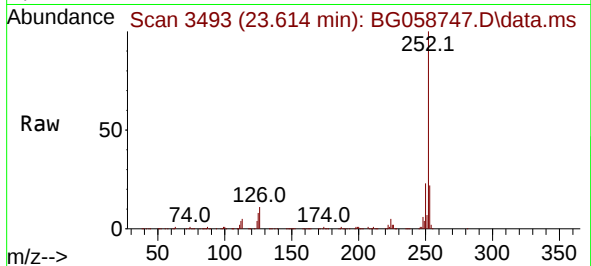
125 7.9 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 54.665 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.003 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04

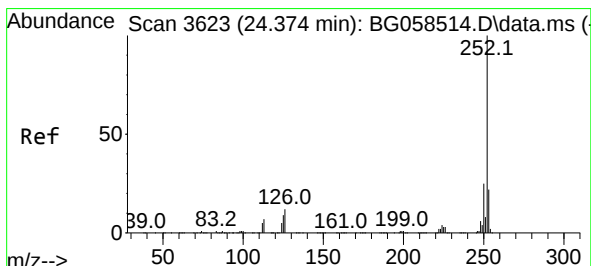
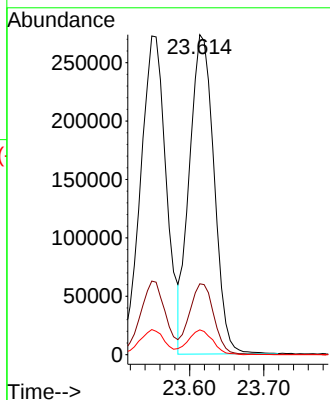
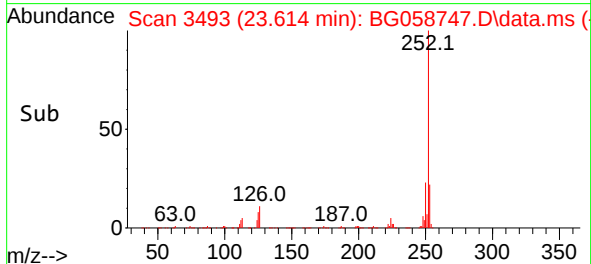
Instrument :
BNA_G
ClientSampleId :
PB154612BS



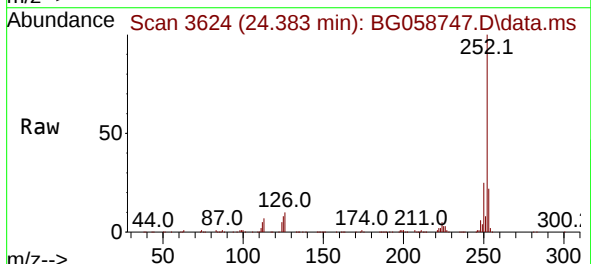
Tgt Ion:252 Resp: 63064
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.7 6.6 10.0

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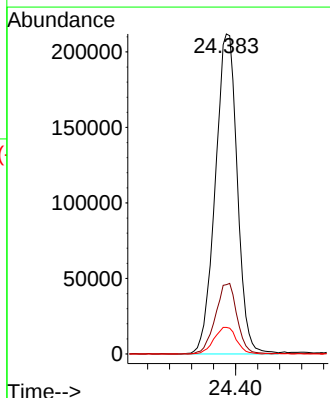
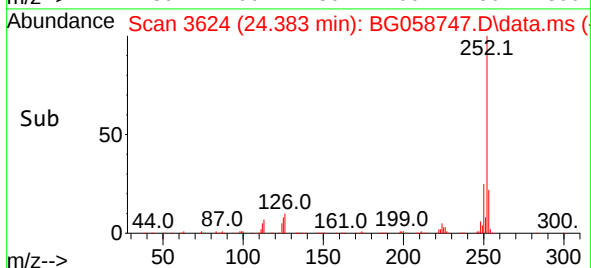
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

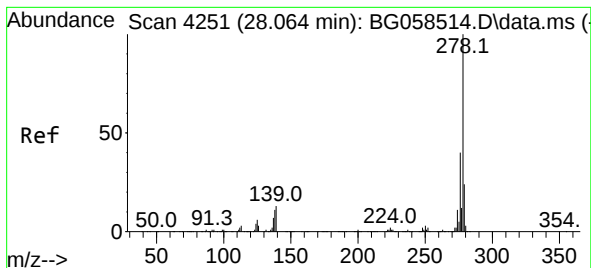


#90
Benzo(a)pyrene
Concen: 52.090 ng
RT: 24.383 min Scan# 3624
Delta R.T. 0.009 min
Lab File: BG058747.D
Acq: 16 Aug 2023 14:04



Tgt Ion:252 Resp: 587450
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 55.272 ng

RT: 28.091 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Instrument :

BNA_G

ClientSampleId :

PB154612BS

Tgt Ion:278 Resp: 64374

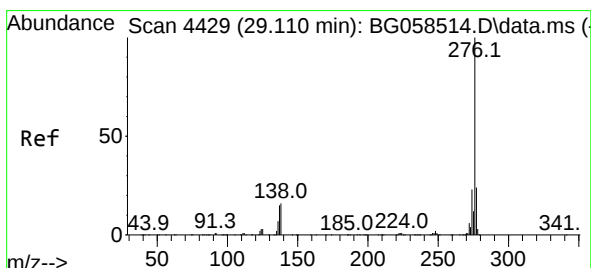
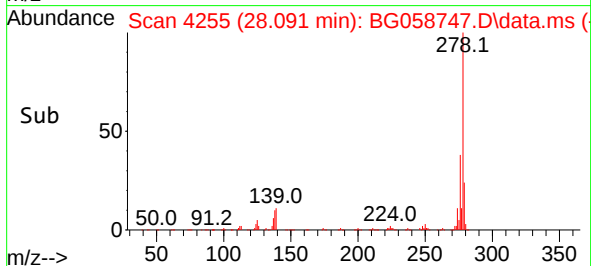
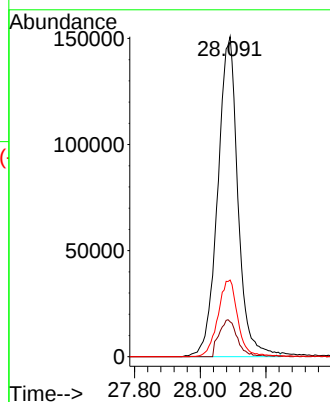
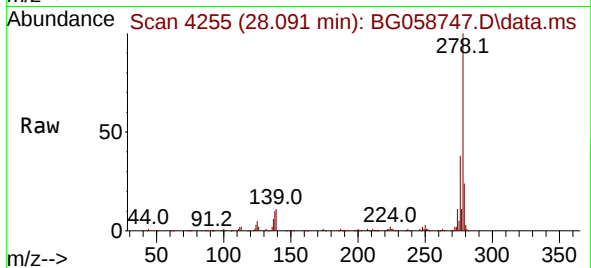
Ion	Ratio	Lower	Upper
278	100		
139	10.9	10.4	15.6
279	23.9	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#92

Benzo(g,h,i)perylene

Concen: 52.838 ng

RT: 29.137 min Scan# 4433

Delta R.T. 0.027 min

Lab File: BG058747.D

Acq: 16 Aug 2023 14:04

Tgt Ion:276 Resp: 617091

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	15.6	13.0	19.4

