

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058741.D
 Acq On : 16 Aug 2023 9:55
 Operator : MA/JU
 Sample : PB154790BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154790BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 10:29:23 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	30650	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	134134	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	98869	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	251553	20.000	ng	0.00
76) Chrysene-d12	21.450	240	216387	20.000	ng	0.00
86) Perylene-d12	24.523	264	268553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	261548	130.429	ng	0.00
7) Phenol-d6	6.984	99	355435	127.381	ng	0.00
23) Nitrobenzene-d5	8.976	82	214326	78.495	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	186302	114.963	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	505522	76.624	ng	0.00
79) Terphenyl-d14	19.822	244	986447	85.728	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.259	88	31132	32.039	ng	# 88
3) Pyridine	3.659	79	79904	30.161	ng	# 85
4) n-Nitrosodimethylamine	3.577	42	51104	45.528	ng	# 84
6) Aniline	7.137	93	97824	28.475	ng	100
8) 2-Chlorophenol	7.378	128	96457	49.032	ng	98
9) Benzaldehyde	6.949	77	37005	24.410	ng	95
10) Phenol	7.014	94	132611	48.652	ng	94
11) bis(2-Chloroethyl)ether	7.231	93	89614	41.703	ng	93
12) 1,3-Dichlorobenzene	7.695	146	94028	44.761	ng	97
13) 1,4-Dichlorobenzene	7.842	146	96529	45.765	ng	98
14) 1,2-Dichlorobenzene	8.159	146	93824	46.526	ng	97
15) Benzyl Alcohol	8.054	79	95832	54.156	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.336	45	189722m	54.352	ng	
17) 2-Methylphenol	8.259	107	89560	44.938	ng	98
18) Hexachloroethane	8.888	117	35512	46.321	ng	95
19) n-Nitroso-di-n-propyla...	8.618	70	76981	42.712	ng	# 88
20) 3+4-Methylphenols	8.588	107	122259	45.351	ng	96
22) Acetophenone	8.635	105	150139	41.803	ng	95
24) Nitrobenzene	9.017	77	116124	41.834	ng	96
25) Isophorone	9.534	82	223395	39.598	ng	99
26) 2-Nitrophenol	9.728	139	52542	43.483	ng	93
27) 2,4-Dimethylphenol	9.787	122	85553	42.685	ng	97
28) bis(2-Chloroethoxy)met...	10.022	93	126093	41.070	ng	97
29) 2,4-Dichlorophenol	10.263	162	95373	45.829	ng	97
30) 1,2,4-Trichlorobenzene	10.474	180	102021	42.510	ng	100
31) Naphthalene	10.662	128	292908	41.432	ng	98
32) Benzoic acid	9.951	122	53147	35.995	ng	98
33) 4-Chloroaniline	10.780	127	63302	21.193	ng	99
34) Hexachlorobutadiene	10.939	225	66845	43.250	ng	98
35) Caprolactam	11.561	113	34255m	44.575	ng	
36) 4-Chloro-3-methylphenol	11.914	107	117758	45.744	ng	97
37) 2-Methylnaphthalene	12.278	142	204519	40.443	ng	98
38) 1-Methylnaphthalene	12.496	142	199300	41.459	ng	99
40) 1,2,4,5-Tetrachloroben...	12.648	216	121742	40.108	ng	99
41) Hexachlorocyclopentadiene	12.625	237	101609	72.746	ng	99
43) 2,4,6-Trichlorophenol	12.895	196	87283	41.807	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	96645	39.301	ng	98
46) 1,1'-Biphenyl	13.289	154	277928	40.933	ng	97
47) 2-Chloronaphthalene	13.336	162	223715	42.258	ng	98
48) 2-Nitroaniline	13.547	65	88948	44.018	ng	97
49) Acenaphthylene	14.182	152	372676	42.046	ng	99
50) Dimethylphthalate	13.917	163	314837	42.401	ng	99
51) 2,6-Dinitrotoluene	14.041	165	70713	43.402	ng	97
52) Acenaphthene	14.523	154	207624	40.540	ng	98
53) 3-Nitroaniline	14.376	138	44920	27.557	ng	99
54) 2,4-Dinitrophenol	14.593	184	76947	83.427	ng	95
55) Dibenzofuran	14.858	168	363103	41.260	ng	98
56) 4-Nitrophenol	14.693	139	106507	87.838	ng	87
57) 2,4-Dinitrotoluene	14.834	165	101502	44.937	ng	92
58) Fluorene	15.510	166	296722	42.443	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	90576	43.165	ng	99
60) Diethylphthalate	15.281	149	335872	44.401	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	161962	41.554	ng	96
62) 4-Nitroaniline	15.545	138	72996	47.273	ng	96
63) Azobenzene	15.792	77	306675	41.160	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	60501	43.619	ng	99
66) n-Nitrosodiphenylamine	15.715	169	266157	40.652	ng	99
67) 4-Bromophenyl-phenylether	16.391	248	113420	39.753	ng	96
68) Hexachlorobenzene	16.514	284	126210	41.745	ng	98
69) Atrazine	16.667	200	114591	51.847	ng	97
70) Pentachlorophenol	16.861	266	121465	66.375	ng	96
71) Phenanthrene	17.249	178	507385	42.531	ng	99
72) Anthracene	17.337	178	514311	42.016	ng	99
73) Carbazole	17.613	167	483047	44.750	ng	99
74) Di-n-butylphthalate	18.165	149	607221	44.911	ng	99
75) Fluoranthene	19.264	202	619121	43.204	ng	98
77) Benzidine	19.452	184	208656	63.589	ng	98
78) Pyrene	19.628	202	638650	43.368	ng	99
80) Butylbenzylphthalate	20.510	149	269954	44.628	ng	98
81) Benzo(a)anthracene	21.432	228	646388	43.406	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	176550	35.065	ng	99
83) Chrysene	21.491	228	601321	42.116	ng	98
84) Bis(2-ethylhexyl)phtha...	21.332	149	393638	44.531	ng	99
85) Di-n-octyl phthalate	22.484	149	690009	44.399	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	811563	45.425	ng	98
88) Benzo(b)fluoranthene	23.547	252	681094	46.760	ng	100
89) Benzo(k)fluoranthene	23.612	252	665994	45.514	ng	99
90) Benzo(a)pyrene	24.382	252	608389	42.531	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	669613	45.328	ng	97
92) Benzo(g,h,i)perylene	29.117	276	656731	44.334	ng	99

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

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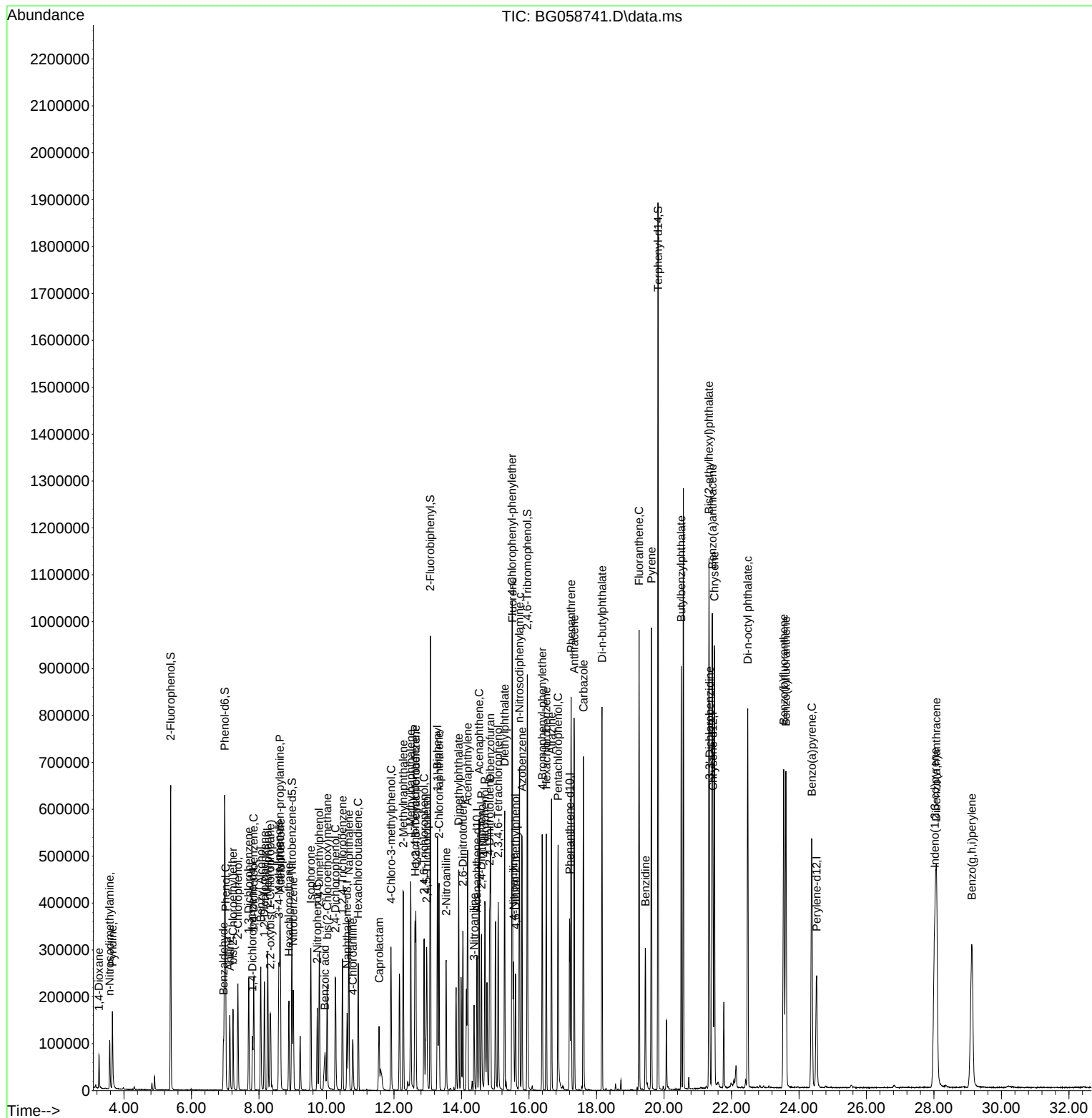
Manual Integrations

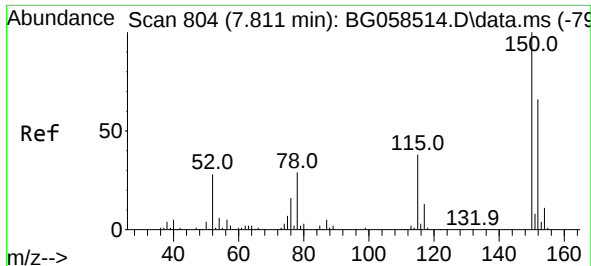
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

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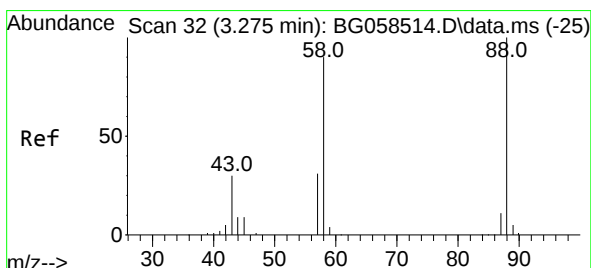
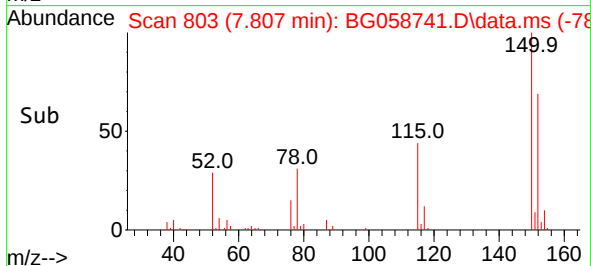
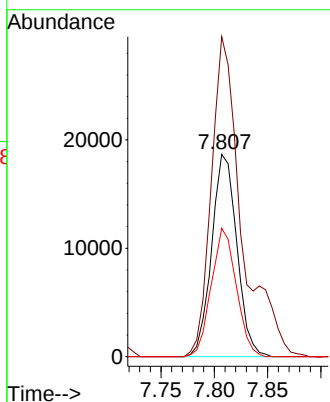
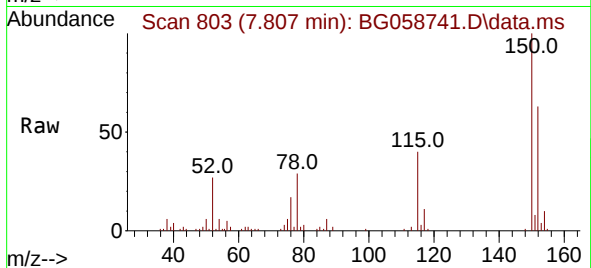
PB154790BS

Tgt Ion:152 Resp: 30650
Ion Ratio Lower Upper
152 100
150 158.2 120.5 180.7
115 63.5 45.9 68.9

Manual Integrations

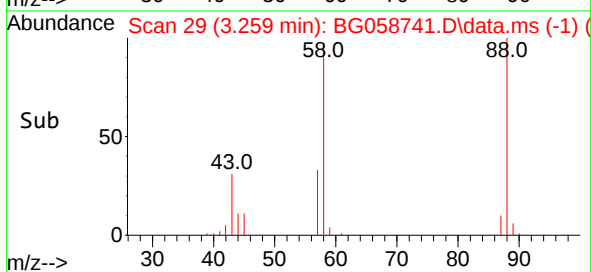
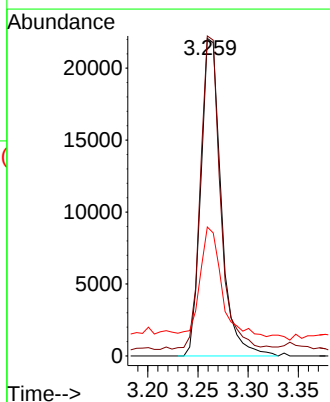
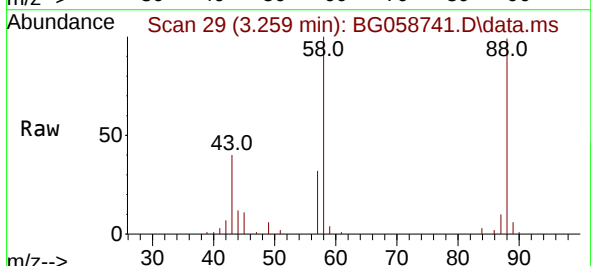
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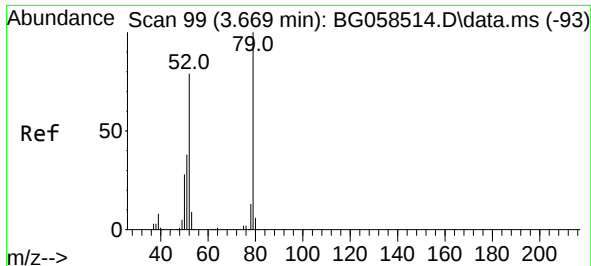
Reviewed By :Yogesh Patel 08/17/2023
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#2
1,4-Dioxane
Concen: 32.039 ng
RT: 3.259 min Scan# 29
Delta R.T. -0.016 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

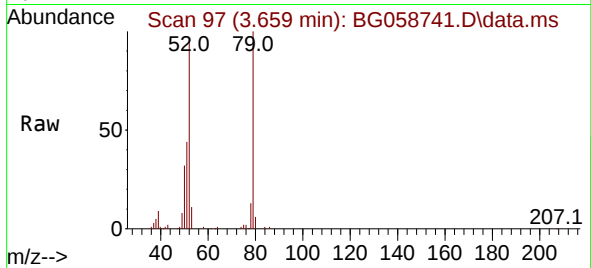
Tgt Ion: 88 Resp: 31132
Ion Ratio Lower Upper
88 100
58 96.8 68.9 103.3
43 36.0 22.9 34.3#





#3
Pyridine
Concen: 30.161 ng
RT: 3.659 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

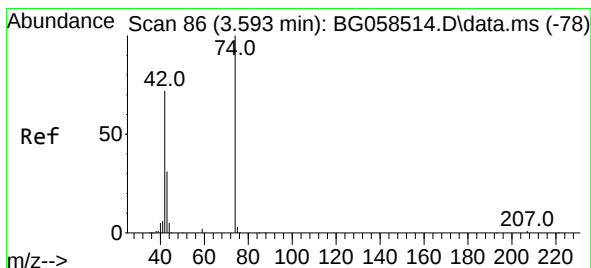
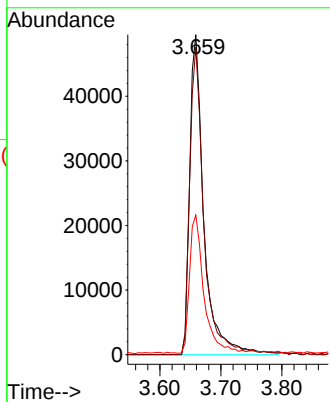
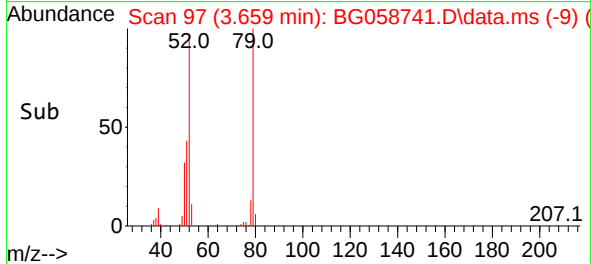
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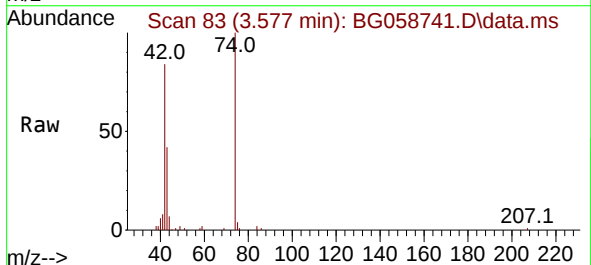
Tgt Ion: 79 Resp: 79904
Ion Ratio Lower Upper
79 100
52 96.2 63.2 94.8
51 43.6 31.9 47.9

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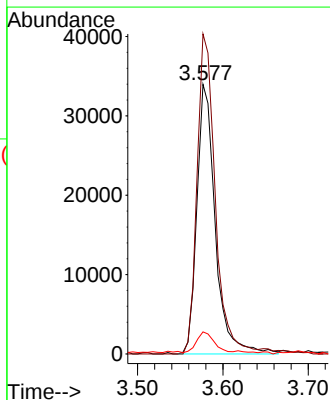
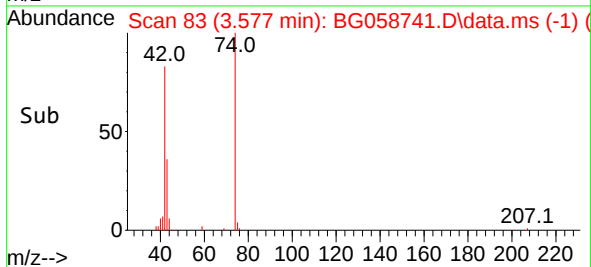
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#4
n-Nitrosodimethylamine
Concen: 45.528 ng
RT: 3.577 min Scan# 83
Delta R.T. -0.016 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion: 42 Resp: 51104
Ion Ratio Lower Upper
42 100
74 118.7 111.5 167.3
44 8.2 5.4 8.2#





#5
2-Fluorophenol
Concen: 130.429 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

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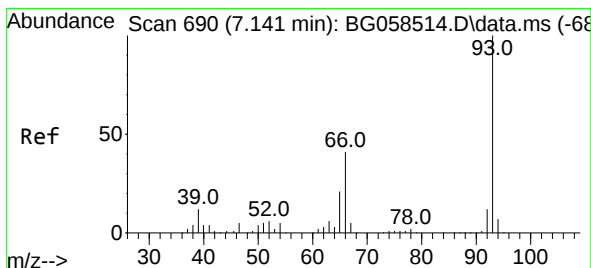
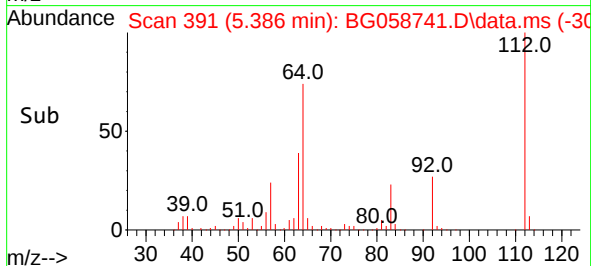
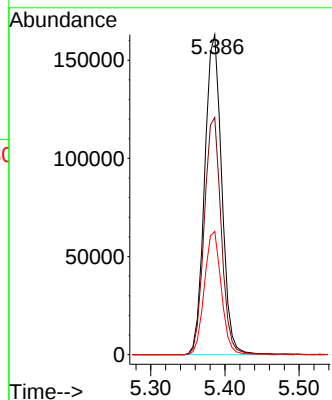
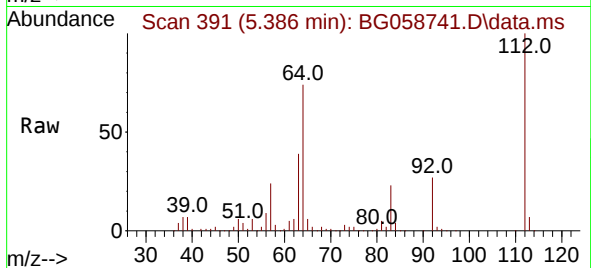
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Tgt Ion:112 Resp: 261548
Ion Ratio Lower Upper
112 100
64 74.1 55.3 82.9
63 38.5 28.3 42.5

Manual Integrations

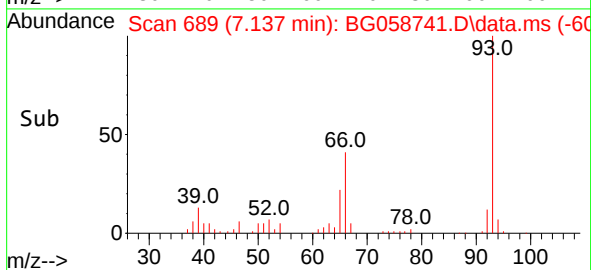
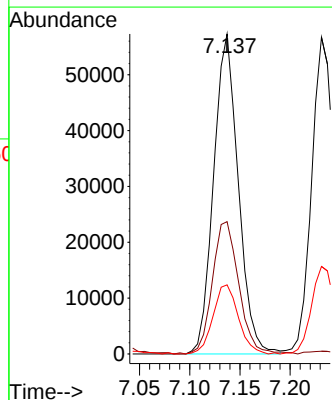
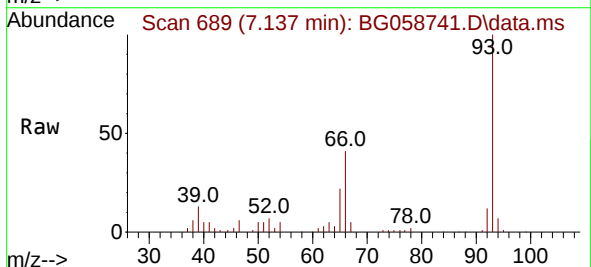
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#6
Aniline
Concen: 28.475 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.004 min
Lab File: BG058741.D
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Tgt Ion: 93 Resp: 97824
Ion Ratio Lower Upper
93 100
66 41.3 33.1 49.7
65 21.6 17.0 25.4





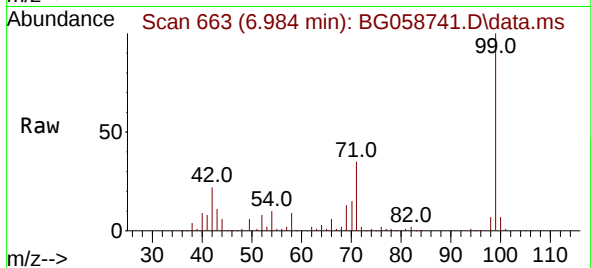
#7
Phenol-d6
Concen: 127.381 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

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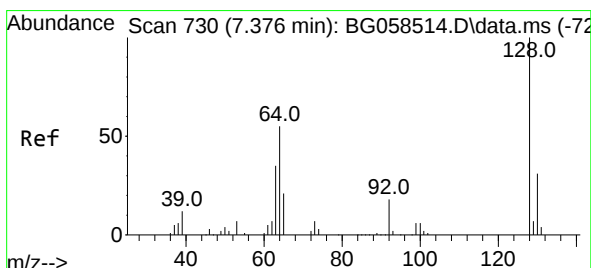
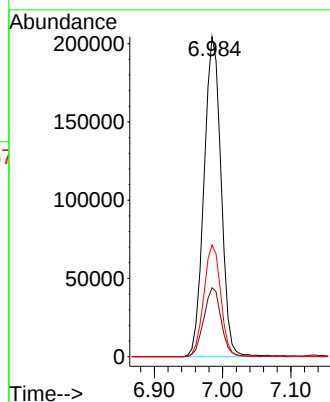
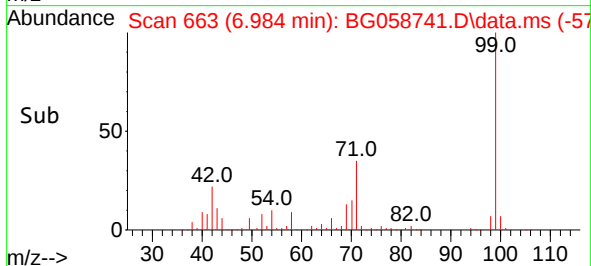


Tgt Ion: 99 Resp: 35543
Ion Ratio Lower Upper
99 100
42 21.5 14.6 21.8
71 34.9 25.0 37.4

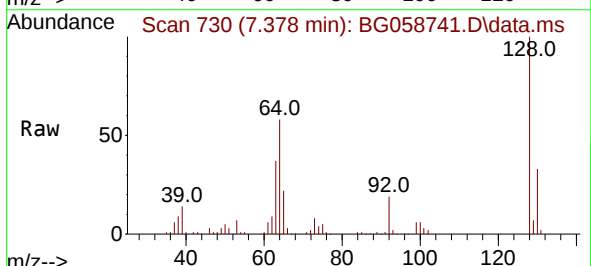
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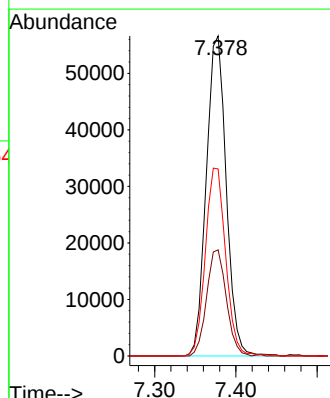
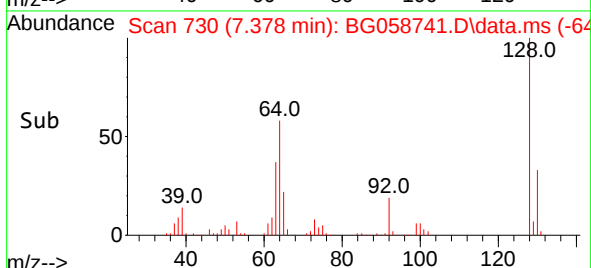
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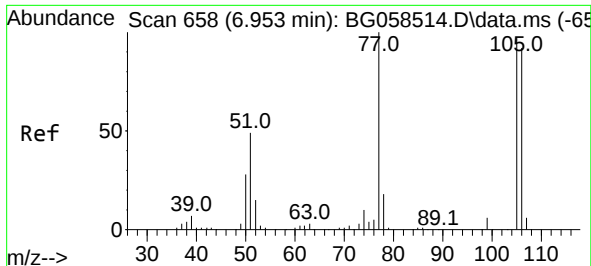


#8
2-Chlorophenol
Concen: 49.032 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:128 Resp: 96457
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 58.4 39.0 79.0





#9
Benzaldehyde
Concen: 24.410 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058741.D
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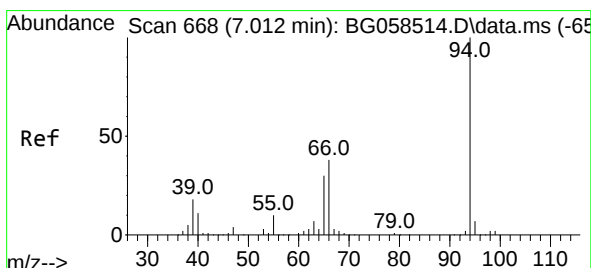
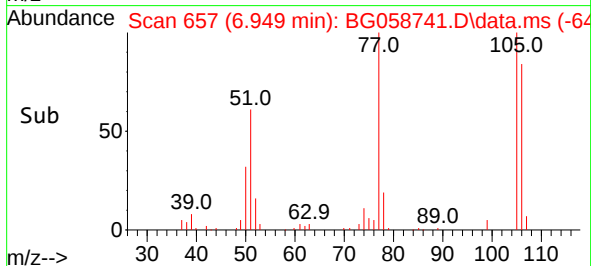
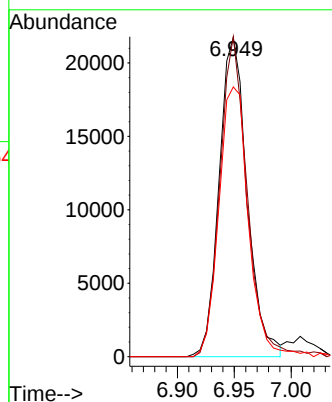
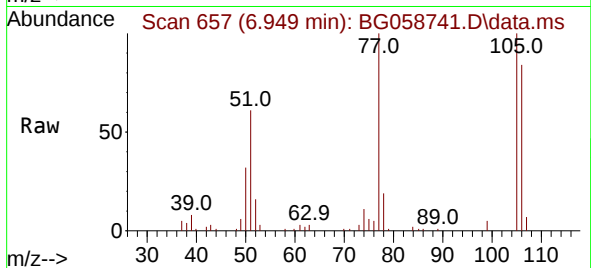
PB154790BS

Tgt Ion: 77 Resp: 3700
Ion Ratio Lower Upper
77 100
105 100.3 77.1 117.1
106 84.6 71.6 111.6

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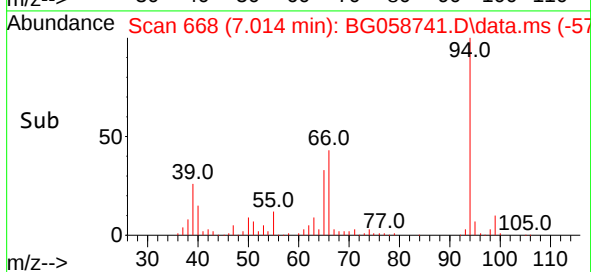
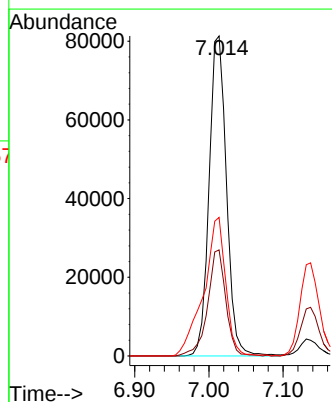
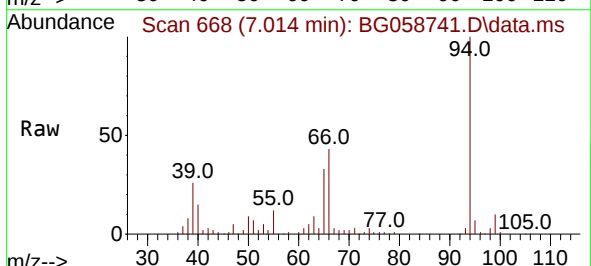
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#10
Phenol
Concen: 48.652 ng
RT: 7.014 min Scan# 668
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 94 Resp: 132611
Ion Ratio Lower Upper
94 100
65 33.2 10.4 50.4
66 43.3 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 41.703 ng
RT: 7.231 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

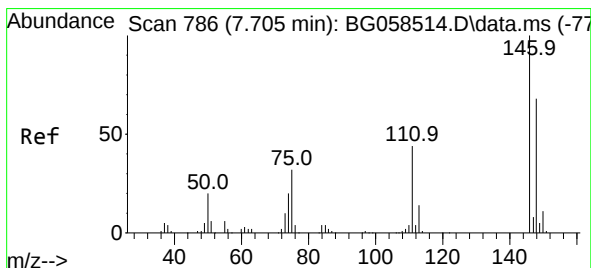
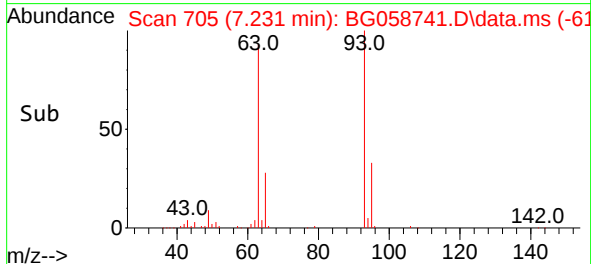
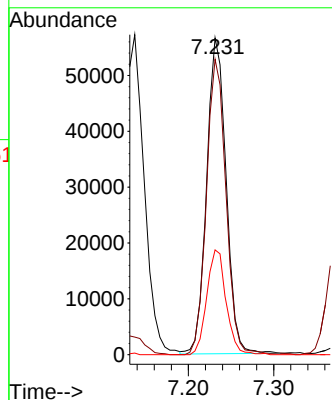
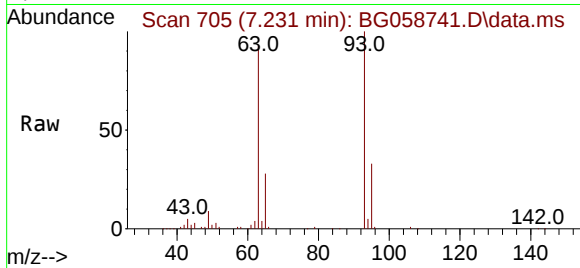
ClientSampleId :

PB154790BS

Tgt Ion: 93 Resp: 89614
Ion Ratio Lower Upper
93 100
63 93.2 65.5 105.5
95 33.1 11.2 51.2

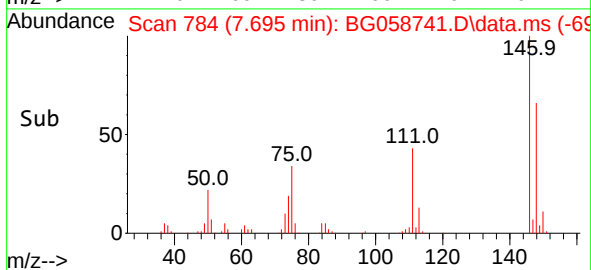
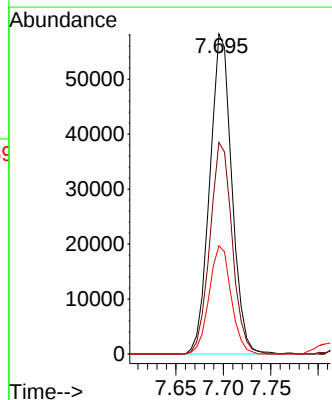
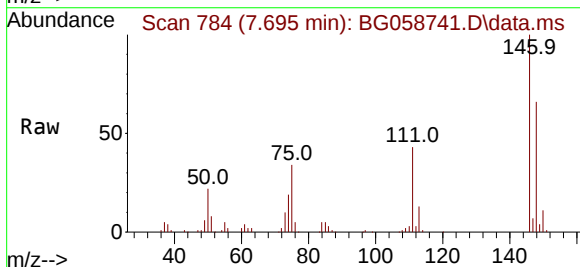
Manual Integrations
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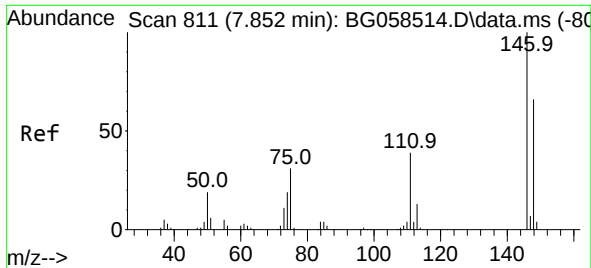
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#12
1,3-Dichlorobenzene
Concen: 44.761 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:146 Resp: 94028
Ion Ratio Lower Upper
146 100
148 66.1 54.7 82.1
75 33.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 45.765 ng

RT: 7.842 min Scan# 809

Delta R.T. -0.010 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

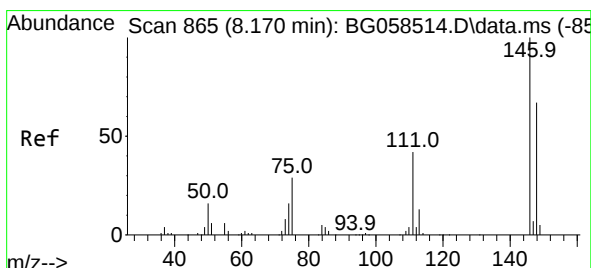
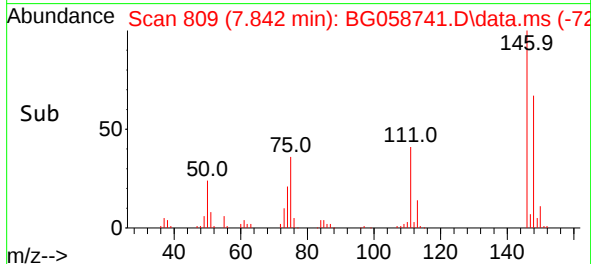
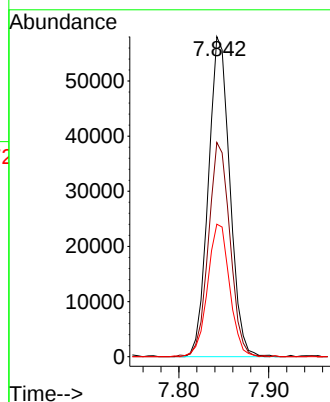
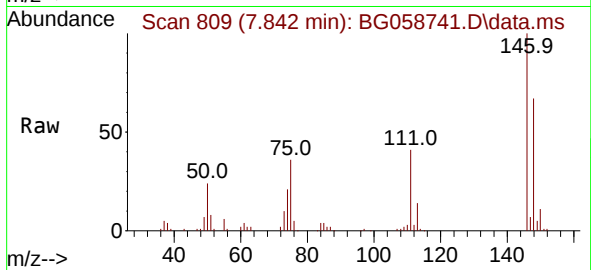
Tgt Ion:146 Resp: 96529
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.8 79.2
 111 41.4 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 46.526 ng

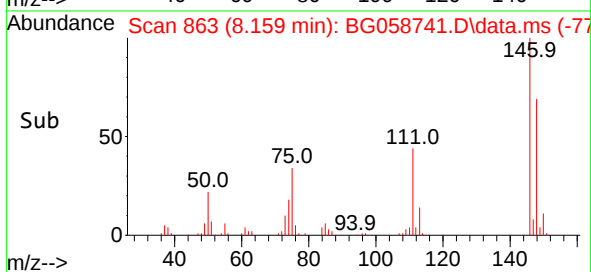
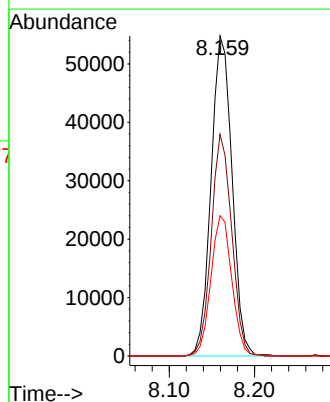
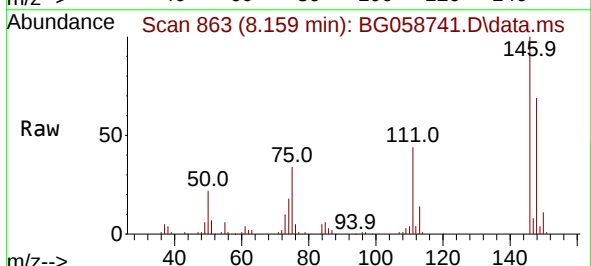
RT: 8.159 min Scan# 863

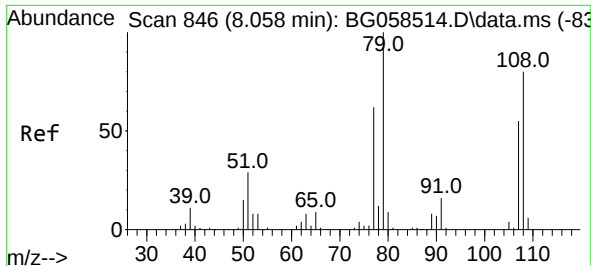
Delta R.T. -0.010 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:146 Resp: 93824
 Ion Ratio Lower Upper
 146 100
 148 69.3 53.4 80.2
 111 43.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 54.156 ng
RT: 8.054 min Scan# 846
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

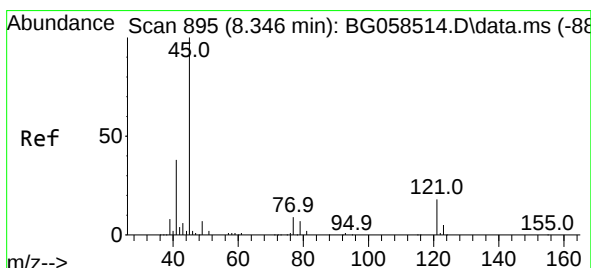
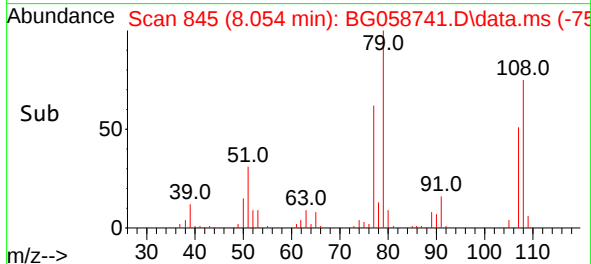
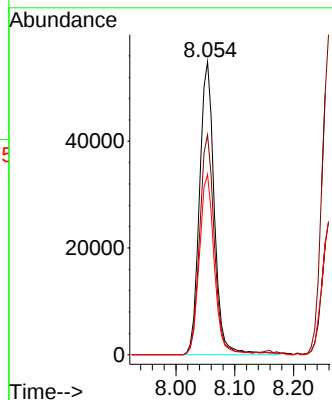
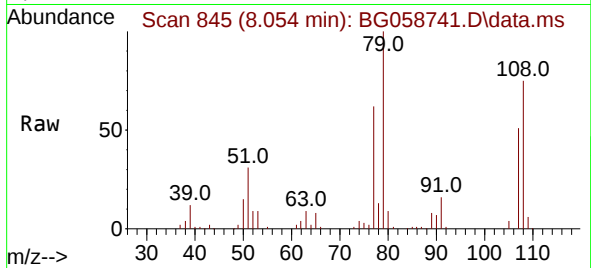
ClientSampleId :

PB154790BS

Tgt Ion: 79 Resp: 95832
Ion Ratio Lower Upper
79 100
108 75.0 63.8 95.6
77 61.5 49.8 74.6

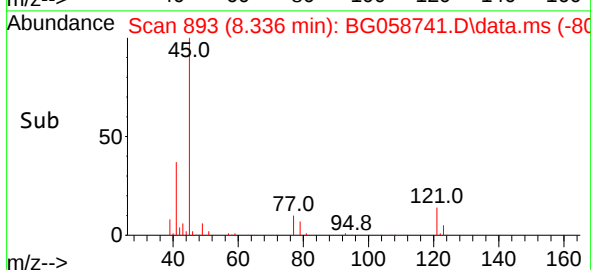
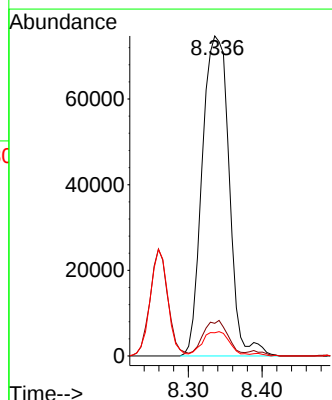
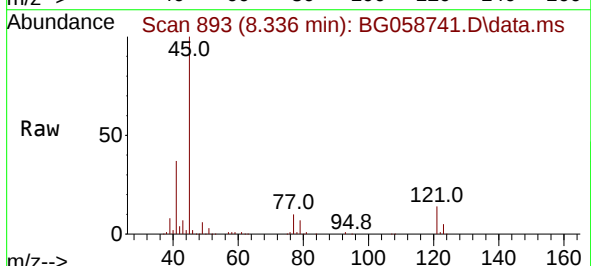
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.352 ng m
RT: 8.336 min Scan# 893
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

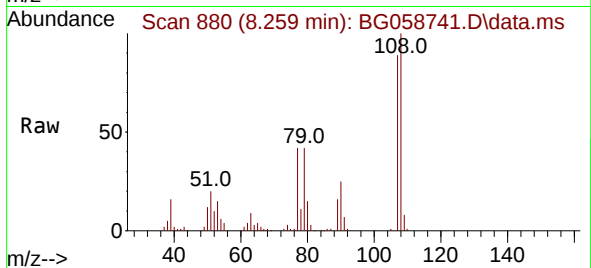
Tgt Ion: 45 Resp: 189722
Ion Ratio Lower Upper
45 100
77 10.2 0.0 32.6
79 7.3 0.0 30.2





#17
2-Methylphenol
Concen: 44.938 ng
RT: 8.259 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

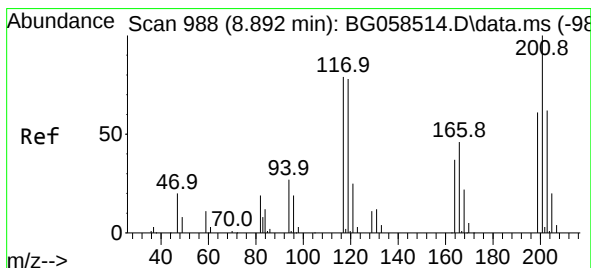
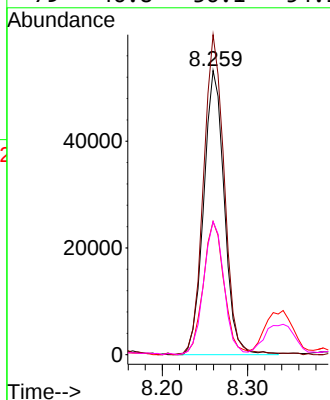
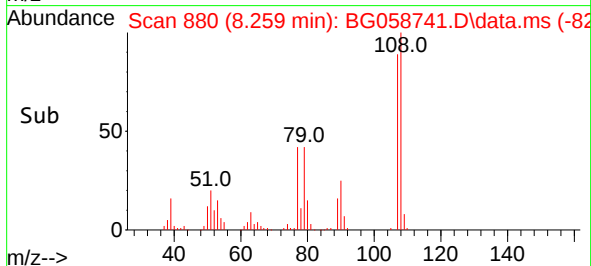
Instrument :
BNA_G
ClientSampleId :
PB154790BS



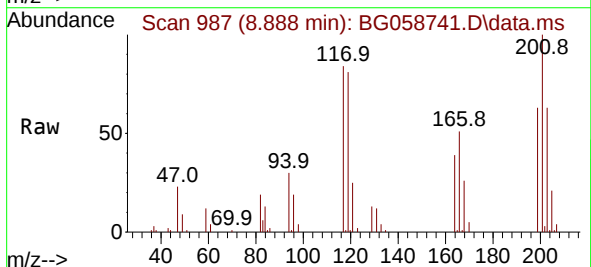
Tgt Ion:107 Resp: 89560
Ion Ratio Lower Upper
107 100
108 112.6 89.1 133.7
77 46.9 36.2 54.4
79 46.8 36.1 54.1

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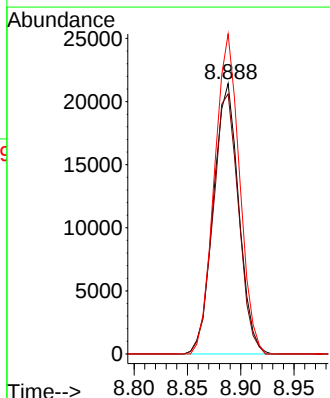
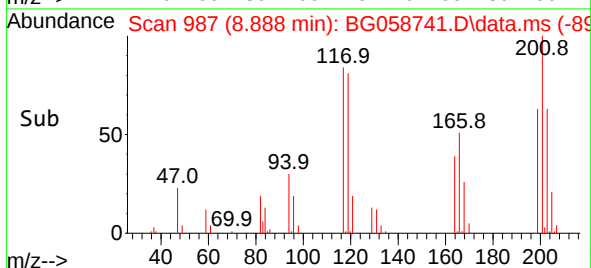
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

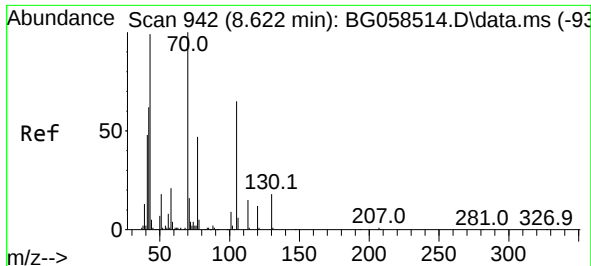


#18
Hexachloroethane
Concen: 46.321 ng
RT: 8.888 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:117 Resp: 35512
Ion Ratio Lower Upper
117 100
119 96.2 78.6 117.8
201 118.4 101.4 152.0





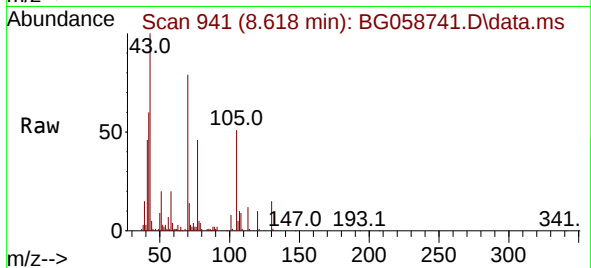
#19
n-Nitroso-di-n-propylamine
Concen: 42.712 ng
RT: 8.618 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

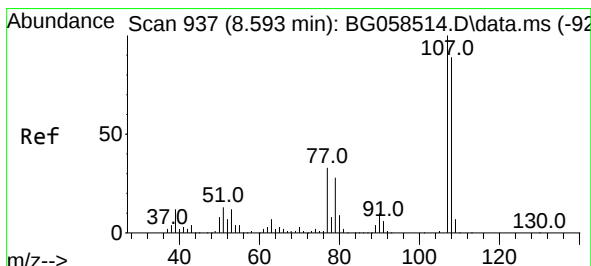
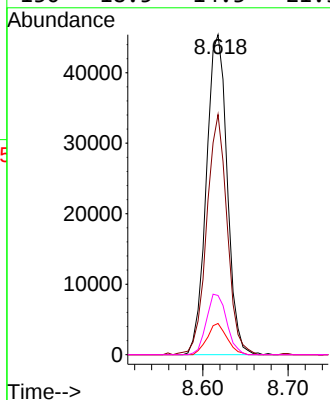
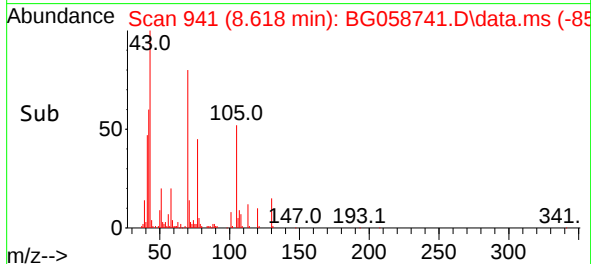


Tgt Ion: 70 Resp: 7698
Ion Ratio Lower Upper
70 100
42 75.0 49.7 74.5
101 9.8 7.0 10.4
130 18.5 14.3 21.5

Manual Integrations

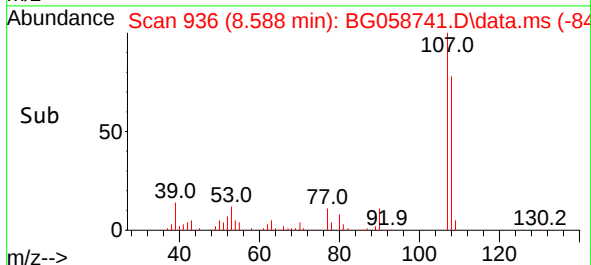
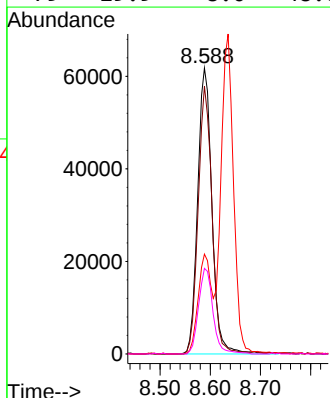
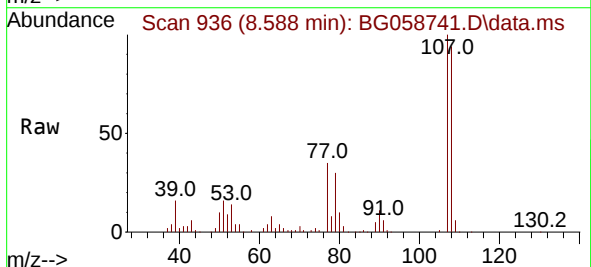
APPROVED

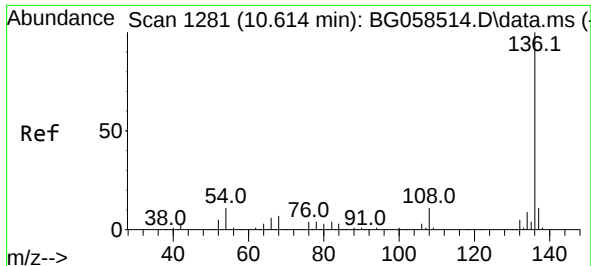
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#20
3+4-Methylphenols
Concen: 45.351 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:107 Resp: 122259
Ion Ratio Lower Upper
107 100
108 93.6 69.4 109.4
77 34.9 13.0 53.0
79 29.9 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1281
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

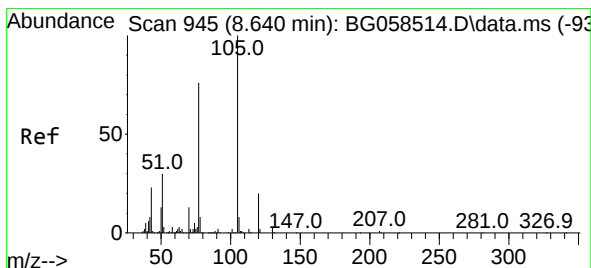
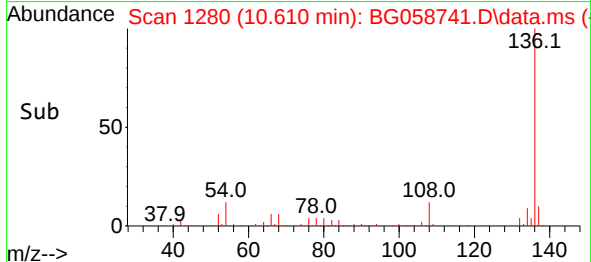
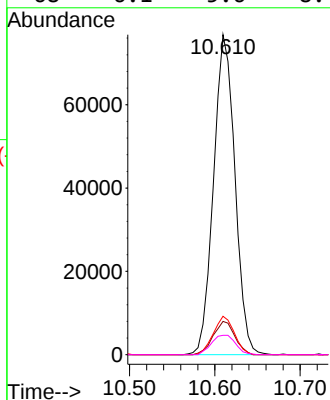
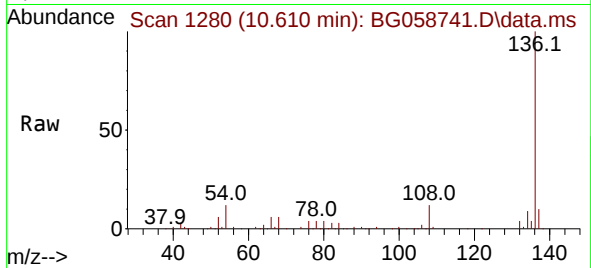
ClientSampleId :

PB154790BS

Tgt Ion:136 Resp: 134134
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 12.0 8.9 13.3
68 6.1 5.6 8.4

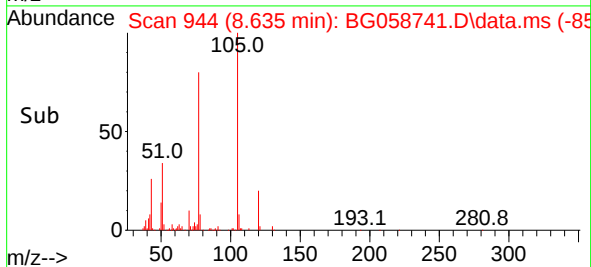
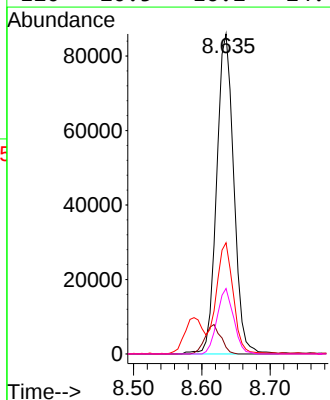
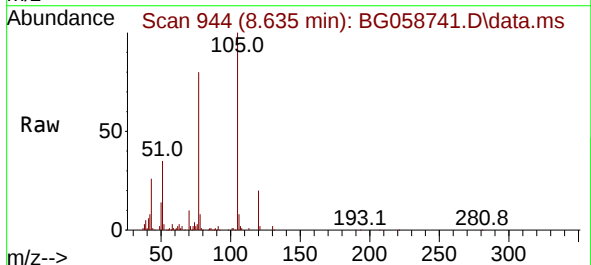
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 41.803 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:105 Resp: 150139
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 34.8 24.2 36.2
120 20.5 16.2 24.4





#23
Nitrobenzene-d5
Concen: 78.495 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

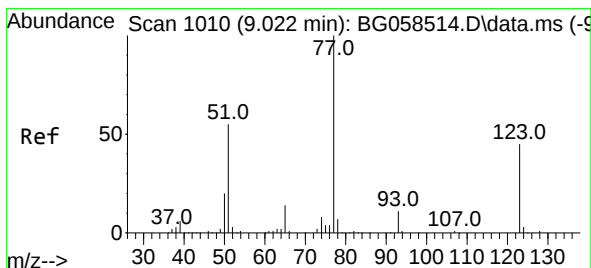
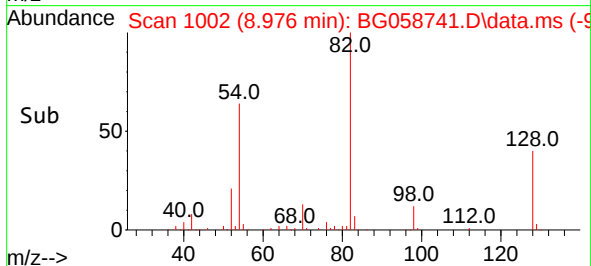
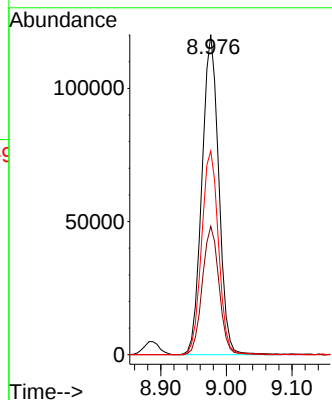
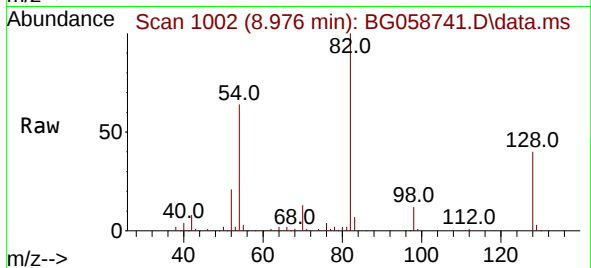
PB154790BS

Tgt Ion: 82 Resp: 214320
Ion Ratio Lower Upper
82 100
128 40.1 32.2 48.2
54 63.6 46.0 69.0

Manual Integrations

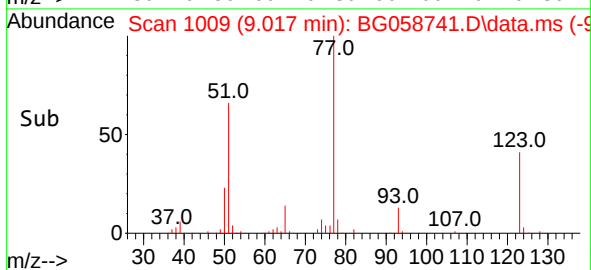
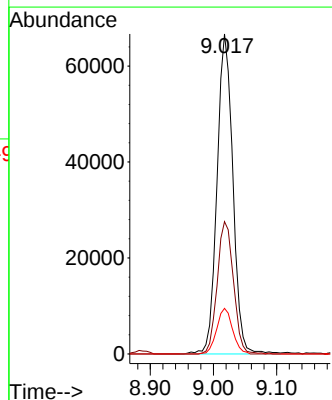
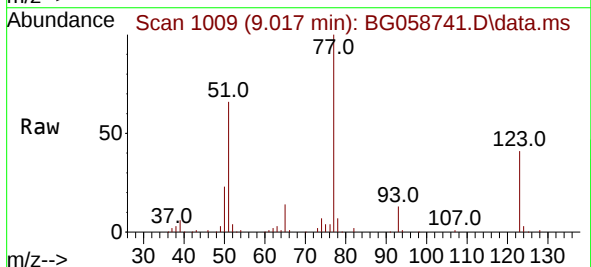
APPROVED

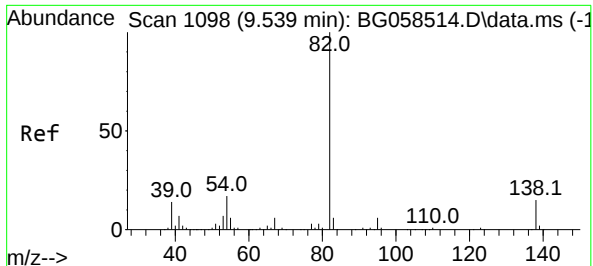
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#24
Nitrobenzene
Concen: 41.834 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 77 Resp: 116124
Ion Ratio Lower Upper
77 100
123 41.4 35.6 53.4
65 14.3 11.4 17.0





#25
Isophorone
Concen: 39.598 ng
RT: 9.534 min Scan# 1109
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

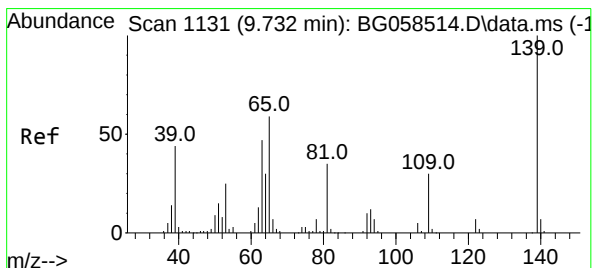
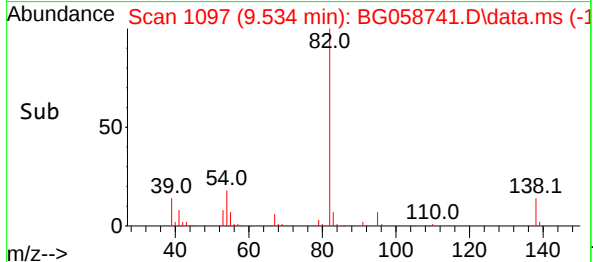
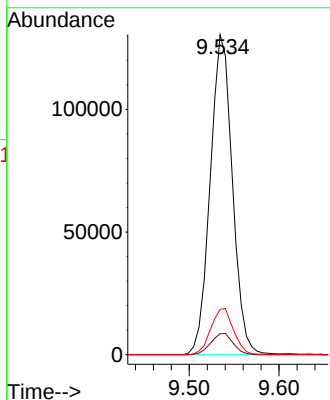
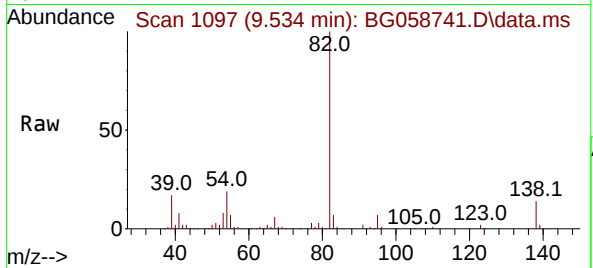
PB154790BS

Tgt Ion: 82 Resp: 22339
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.1 11.9 17.9

Manual Integrations

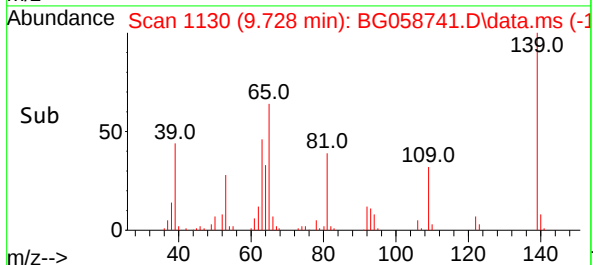
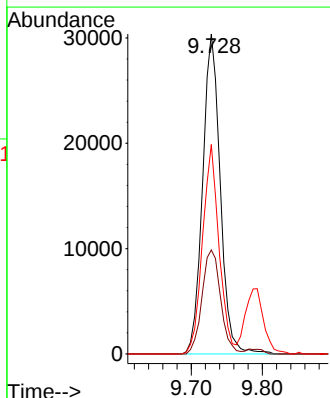
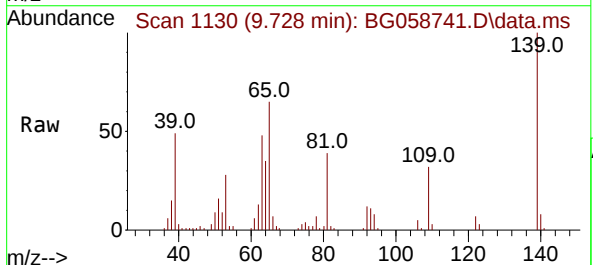
APPROVED

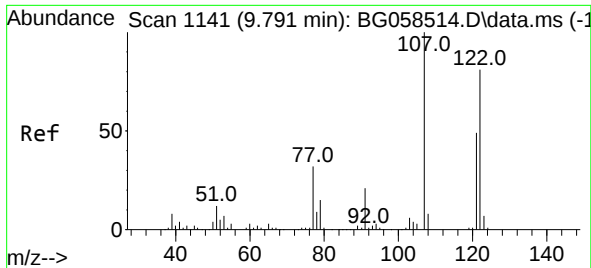
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#26
2-Nitrophenol
Concen: 43.483 ng
RT: 9.728 min Scan# 1130
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:139 Resp: 52542
Ion Ratio Lower Upper
139 100
109 32.5 24.2 36.2
65 65.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.685 ng

RT: 9.787 min Scan# 1141

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

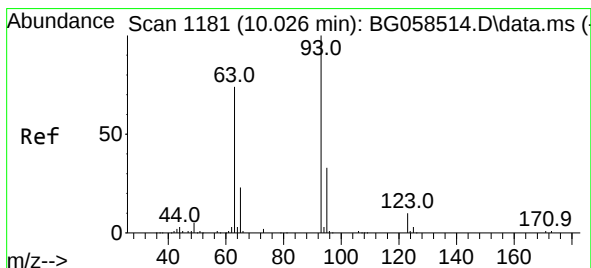
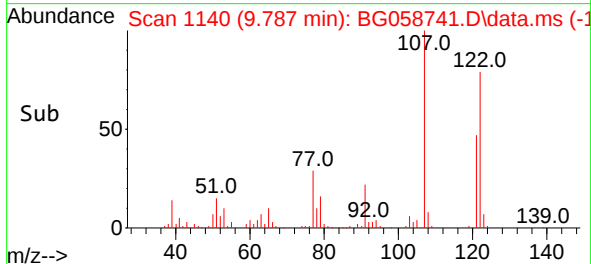
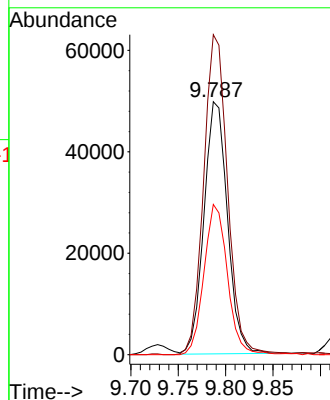
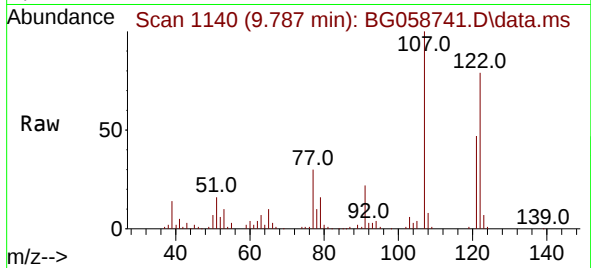
Tgt Ion:	122	Resp:	8555
Ion Ratio	Lower	Upper	
122	100		
107	126.5	98.0	147.0
121	59.4	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.070 ng

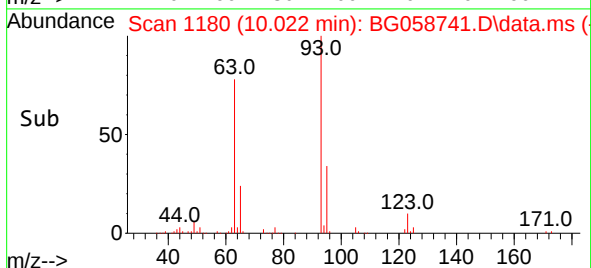
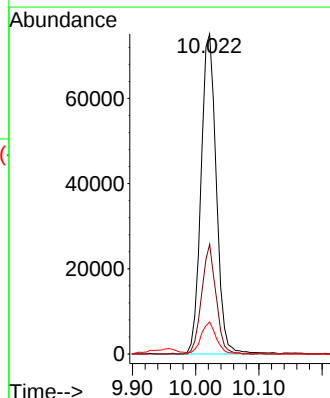
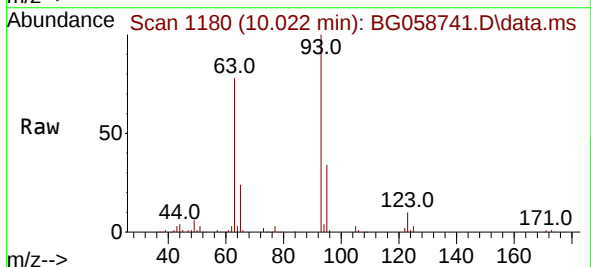
RT: 10.022 min Scan# 1180

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:	93	Resp:	126093
Ion Ratio	Lower	Upper	
93	100		
95	34.3	26.0	39.0
123	10.0	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 45.829 ng

RT: 10.263 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

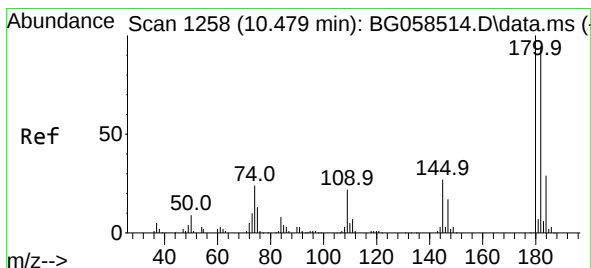
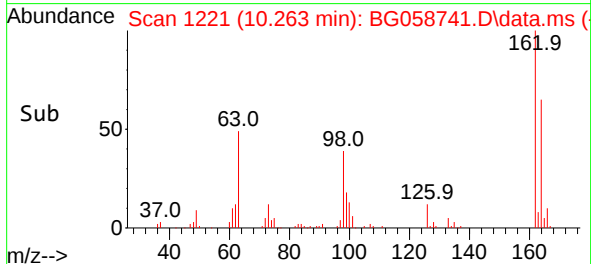
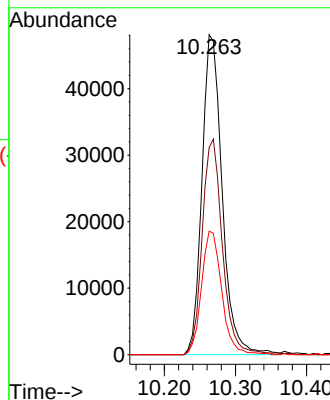
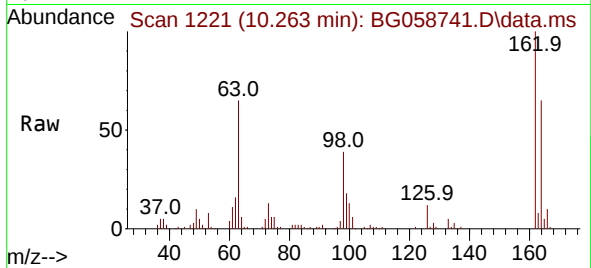
Tgt Ion:	162	Resp:	9537
Ion Ratio	Lower	Upper	
162	100		
164	64.7	47.6	87.6
98	38.6	17.1	57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.510 ng

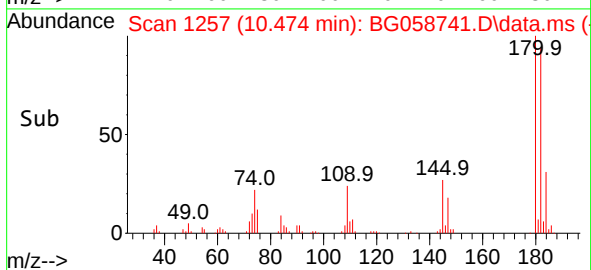
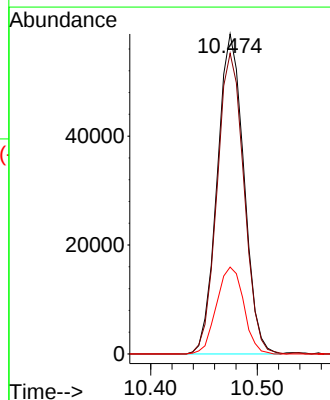
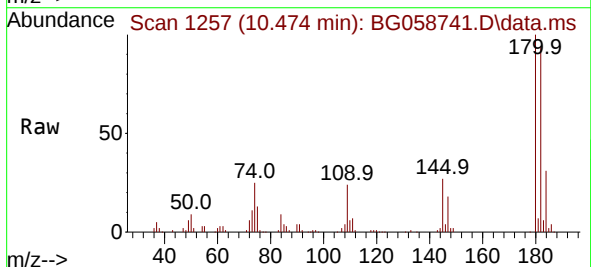
RT: 10.474 min Scan# 1257

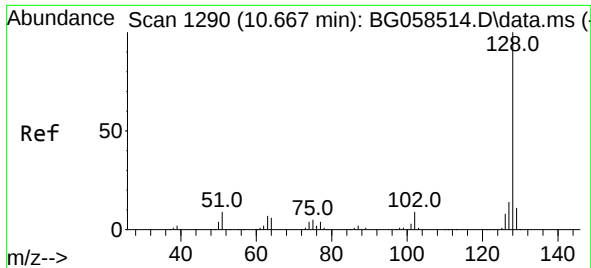
Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:	180	Resp:	102021
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.0	112.4
145	27.2	21.9	32.9





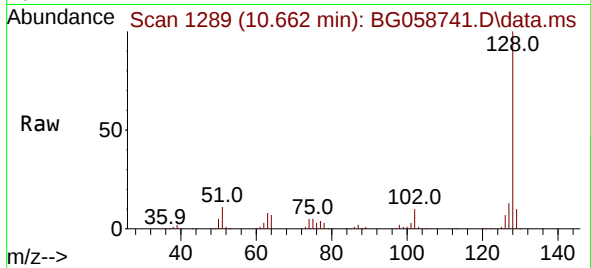
#31
Naphthalene
Concen: 41.432 ng
RT: 10.662 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS



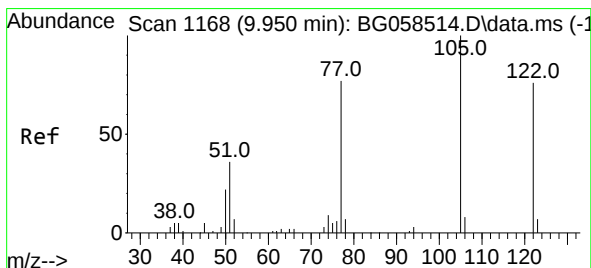
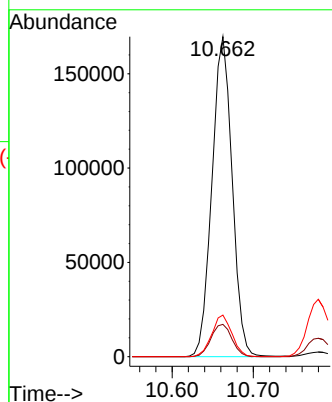
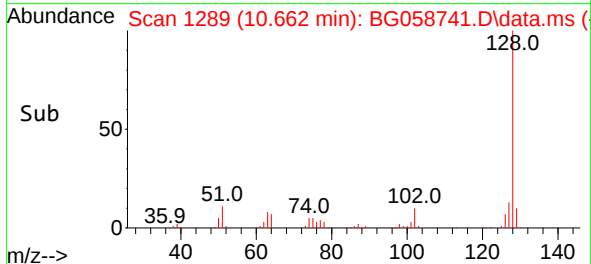
Tgt Ion:128 Resp: 292908
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 13.0 10.9 16.3

Manual Integrations

APPROVED

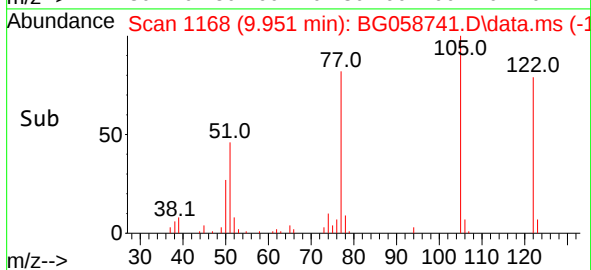
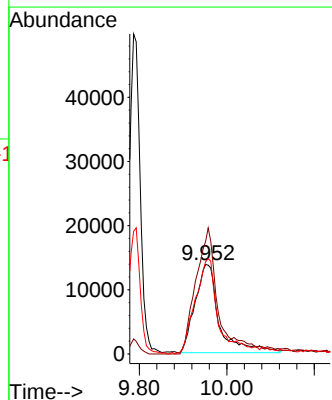
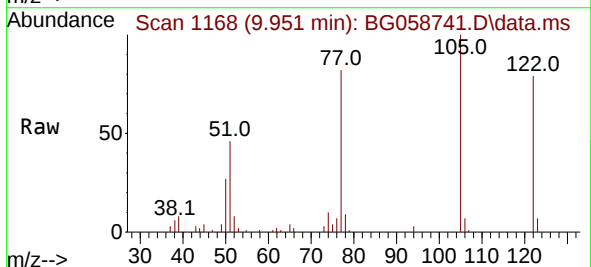
Reviewed By :Yogesh Patel 08/17/2023

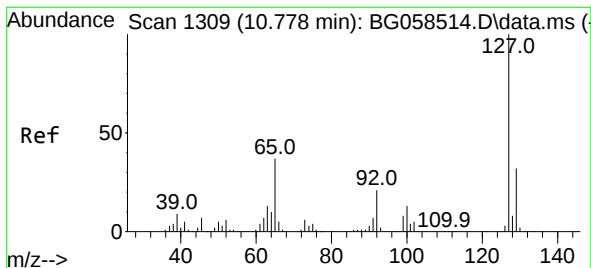
Supervised By :mohammad ahmed 08/17/2023



#32
Benzoic acid
Concen: 35.995 ng
RT: 9.951 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:122 Resp: 53147
Ion Ratio Lower Upper
122 100
105 126.0 106.5 146.5
77 103.2 78.1 118.1





#33
4-Chloroaniline
Concen: 21.193 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

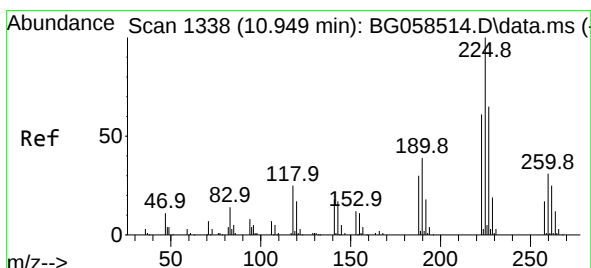
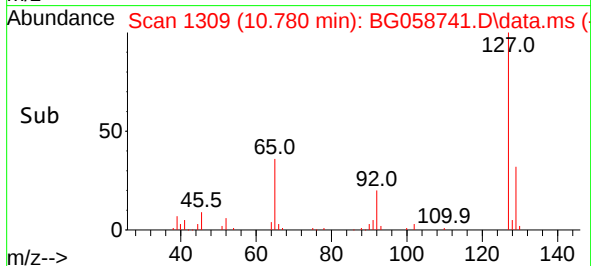
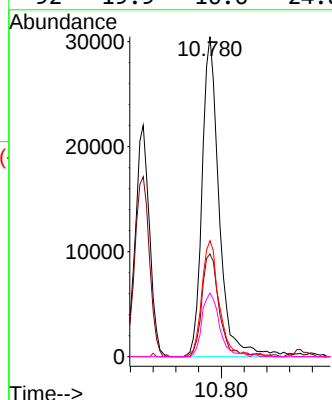
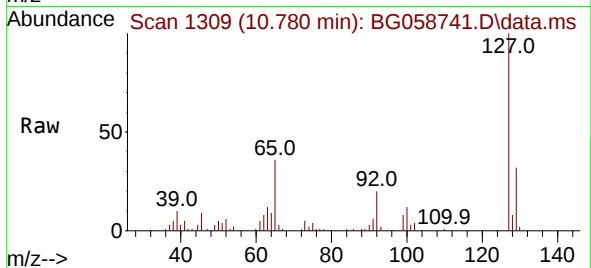
PB154790BS

Tgt Ion:127 Resp: 63302
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.2
65 36.3 29.5 44.3
92 19.9 16.6 24.8

Manual Integrations

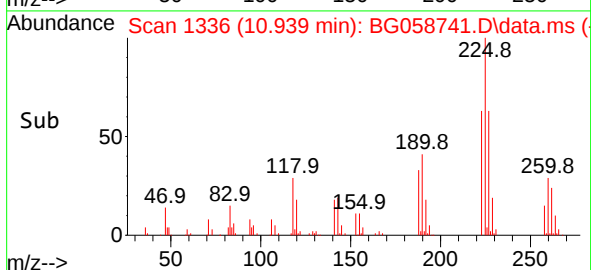
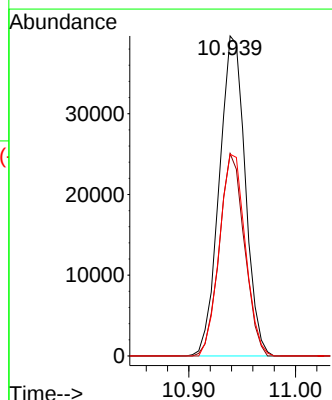
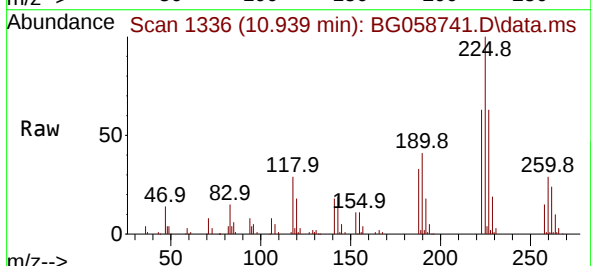
APPROVED

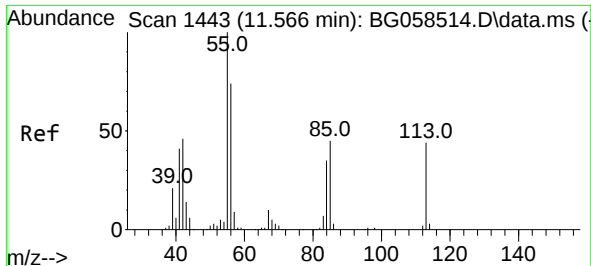
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#34
Hexachlorobutadiene
Concen: 43.250 ng
RT: 10.939 min Scan# 1336
Delta R.T. -0.010 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:225 Resp: 66845
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 63.1 51.7 77.5





#35
Caprolactam
Concen: 44.575 ng m
RT: 11.561 min Scan# 1443
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

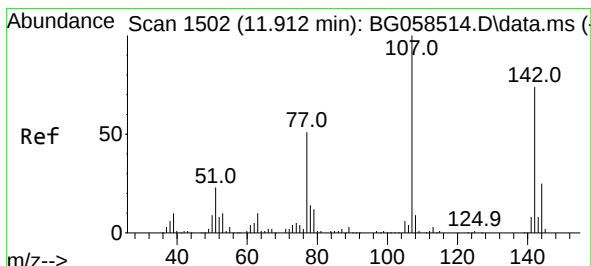
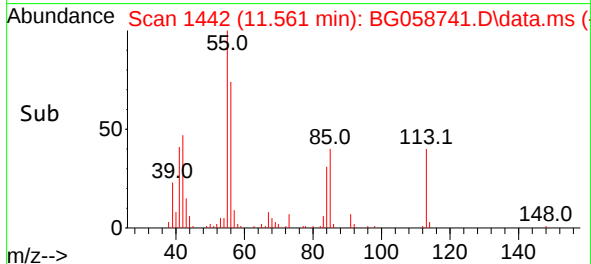
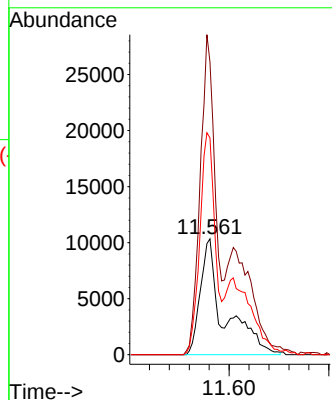
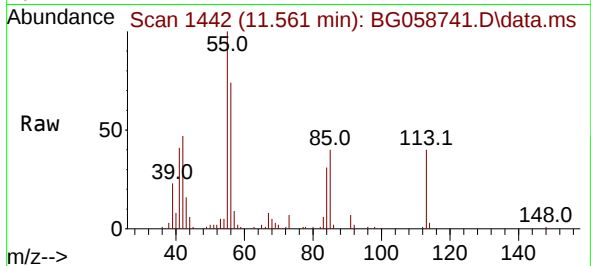
PB154790BS

Tgt Ion:113 Resp: 3425
Ion Ratio Lower Upper
113 100
55 252.7 208.0 248.0
56 187.2 148.6 188.6

Manual Integrations

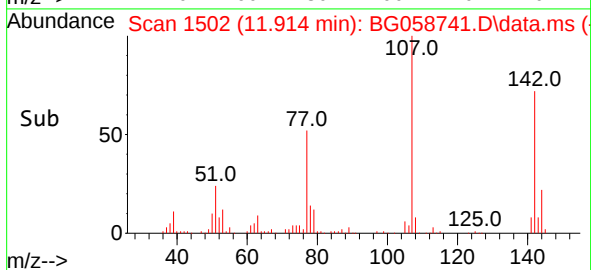
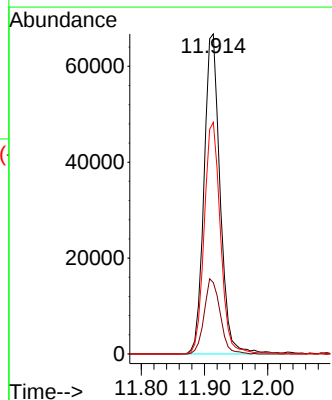
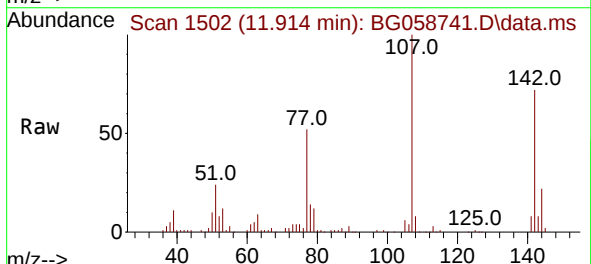
APPROVED

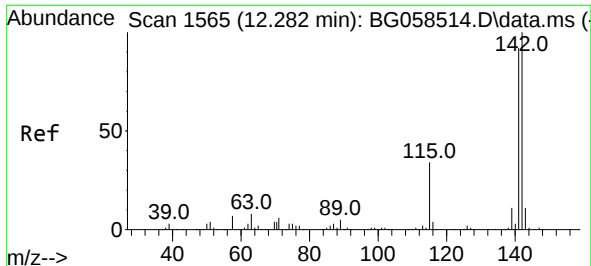
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 45.744 ng
RT: 11.914 min Scan# 1502
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:107 Resp: 117758
Ion Ratio Lower Upper
107 100
144 22.3 19.6 29.4
142 72.4 59.3 88.9





#37
2-Methylnaphthalene
Concen: 40.443 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

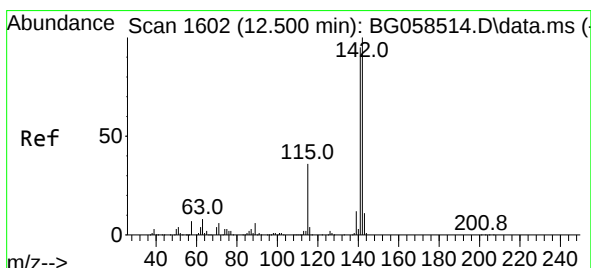
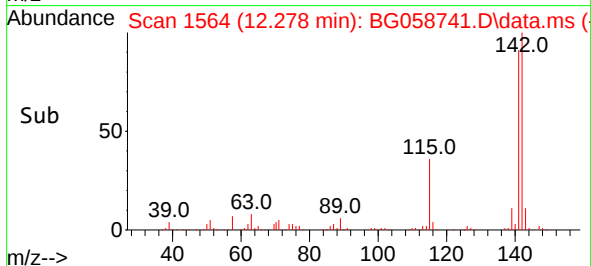
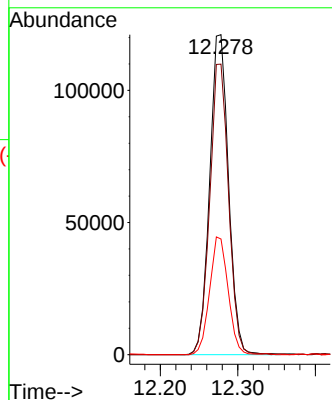
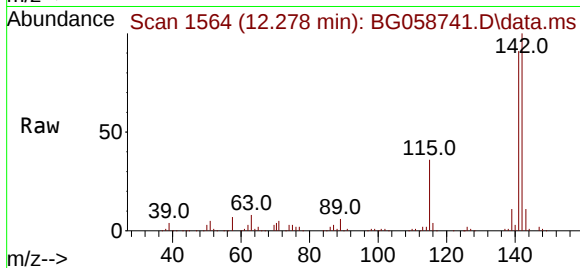
PB154790BS

Tgt Ion:142 Resp: 204519
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
115 36.1 27.4 41.0

Manual Integrations

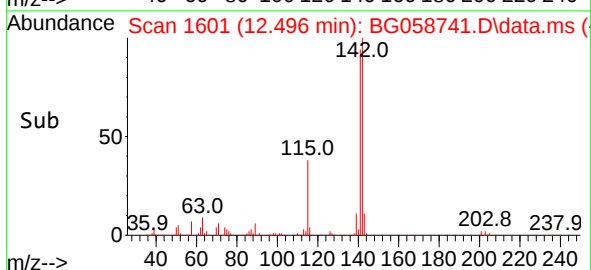
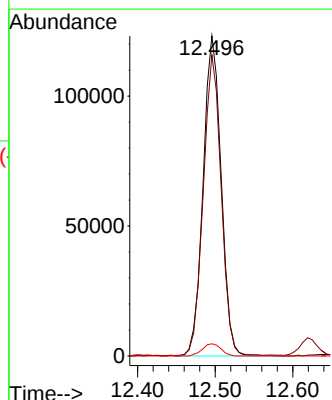
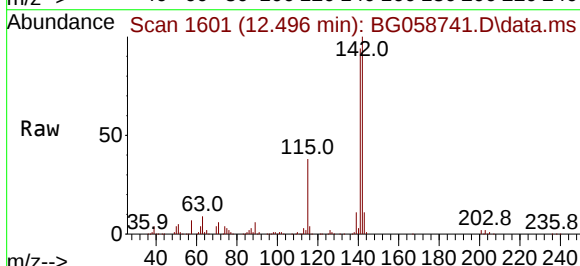
APPROVED

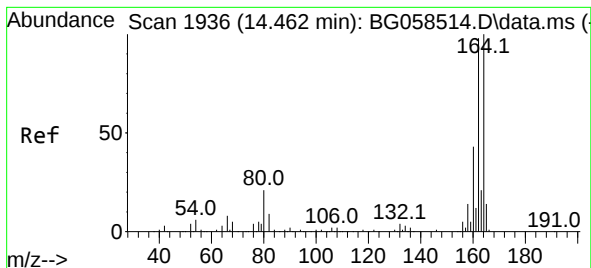
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 41.459 ng
RT: 12.496 min Scan# 1601
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:142 Resp: 199300
Ion Ratio Lower Upper
142 100
141 94.0 75.7 113.5
116 3.8 3.2 4.8





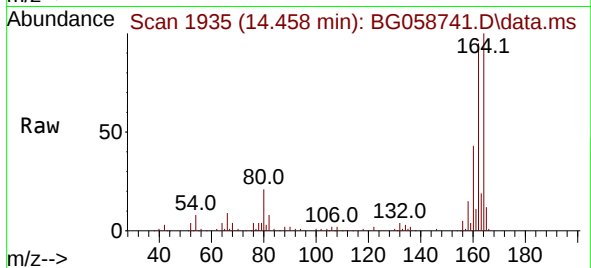
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

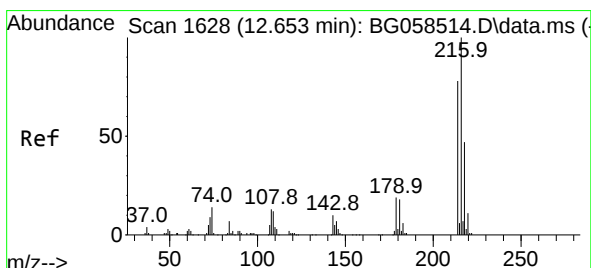
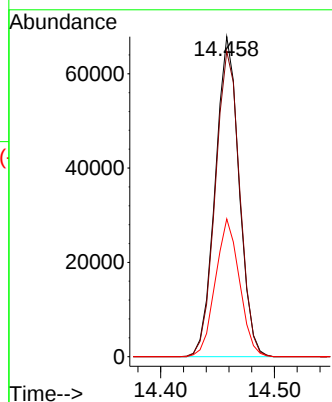
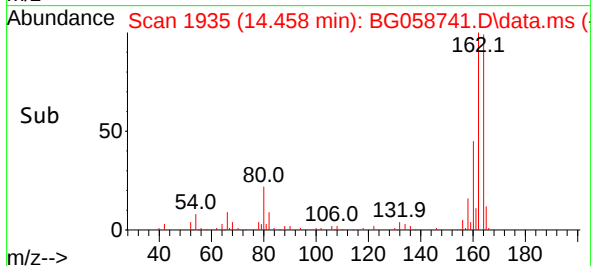


Tgt Ion:164 Resp: 98869
Ion Ratio Lower Upper
164 100
162 95.4 78.3 117.5
160 43.1 34.1 51.1

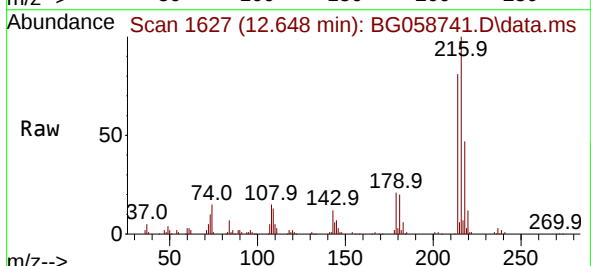
Manual Integrations

APPROVED

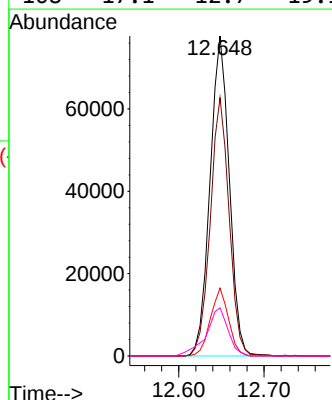
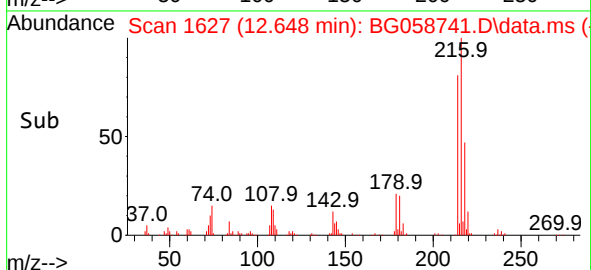
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

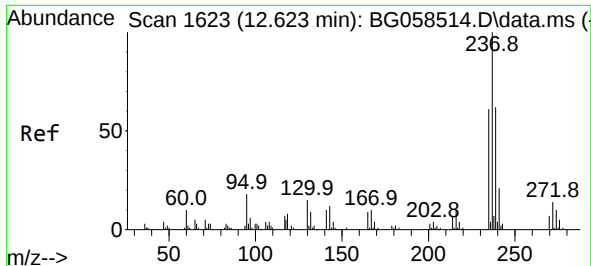


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.108 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:216 Resp: 121742
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 19.9 15.6 23.4
108 17.1 12.7 19.1





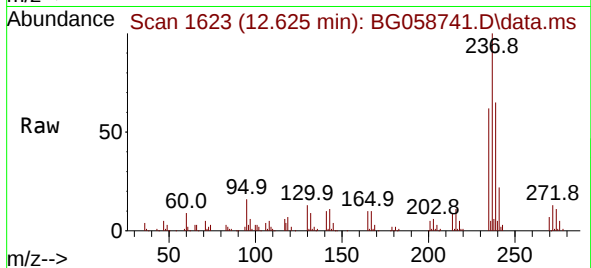
#41
Hexachlorocyclopentadiene
Concen: 72.746 ng
RT: 12.625 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

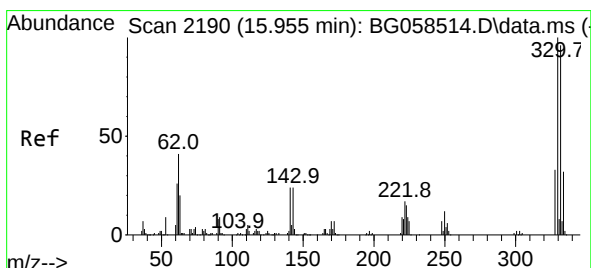
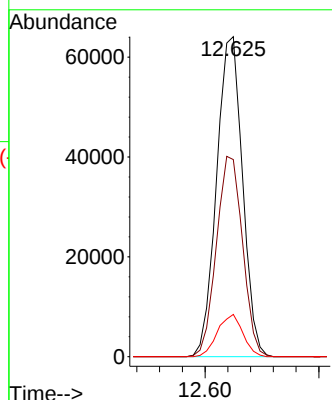
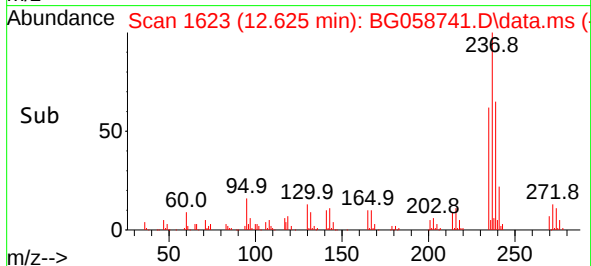


Tgt Ion:237 Resp: 101609
Ion Ratio Lower Upper
237 100
235 61.6 41.0 81.0
272 13.2 0.0 33.6

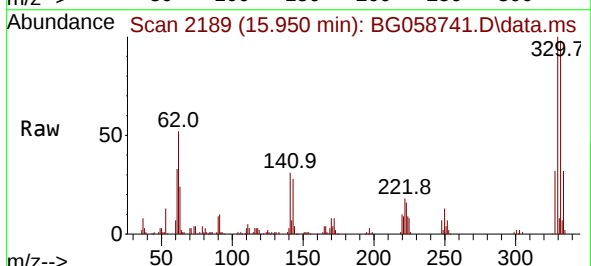
Manual Integrations

APPROVED

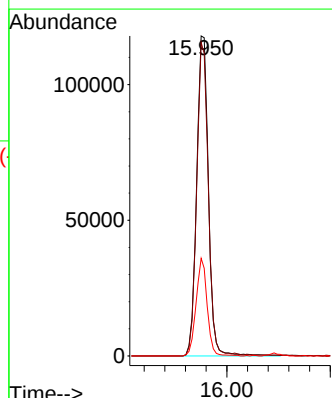
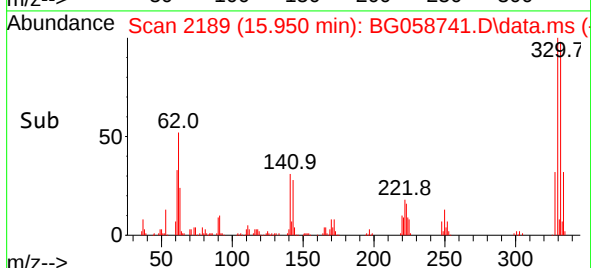
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

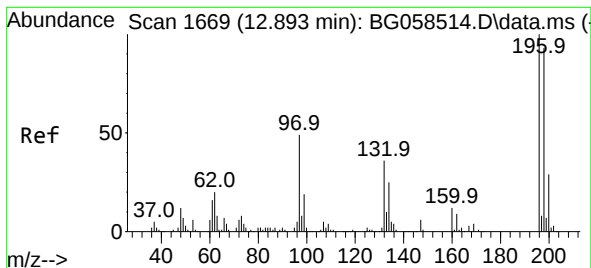


#42
2,4,6-Tribromophenol
Concen: 114.963 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:330 Resp: 186302
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.7 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 41.807 ng
RT: 12.895 min Scan# 1669
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

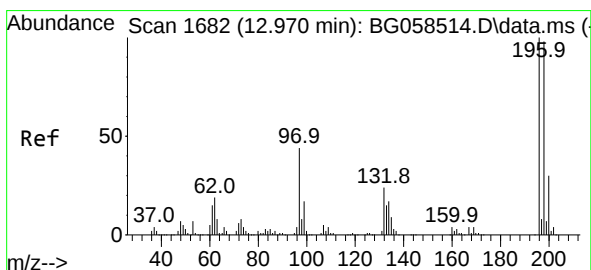
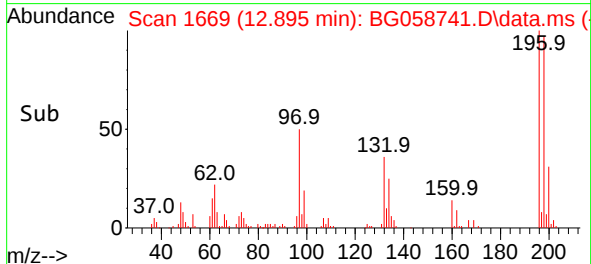
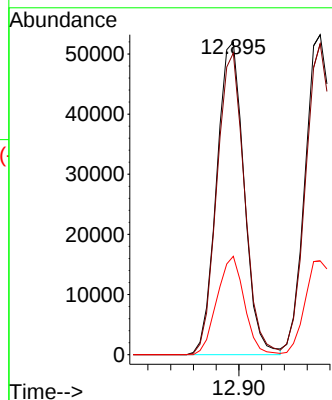
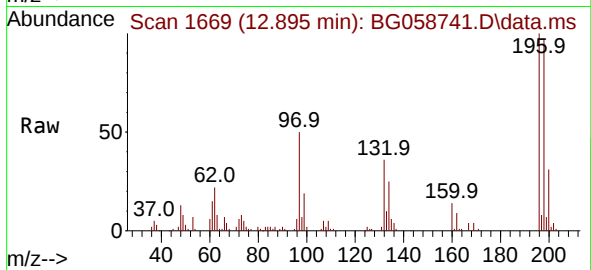
PB154790BS

Tgt Ion:196 Resp: 8728
Ion Ratio Lower Upper
196 100
198 96.5 74.2 111.4
200 31.5 22.9 34.3

Manual Integrations

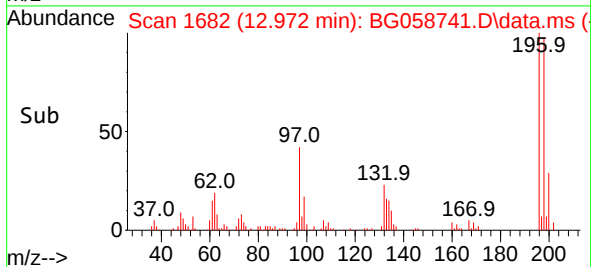
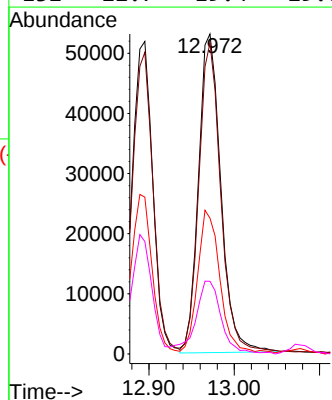
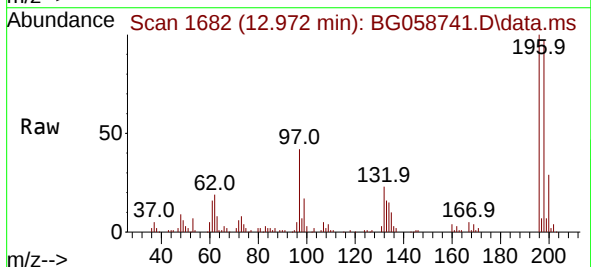
APPROVED

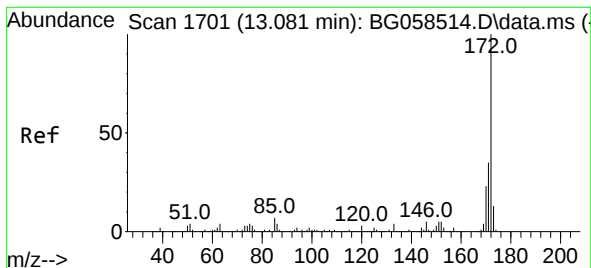
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#44
2,4,5-Trichlorophenol
Concen: 39.301 ng
RT: 12.972 min Scan# 1682
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:196 Resp: 96645
Ion Ratio Lower Upper
196 100
198 97.2 78.3 117.5
97 42.4 35.2 52.8
132 22.7 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 76.624 ng

RT: 13.077 min Scan# 1700

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

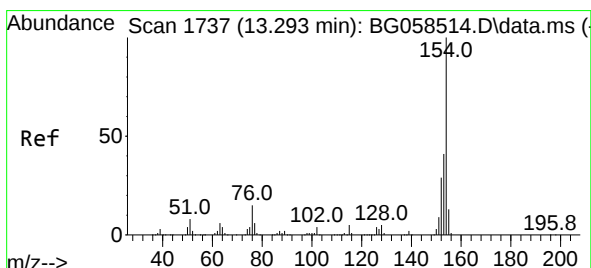
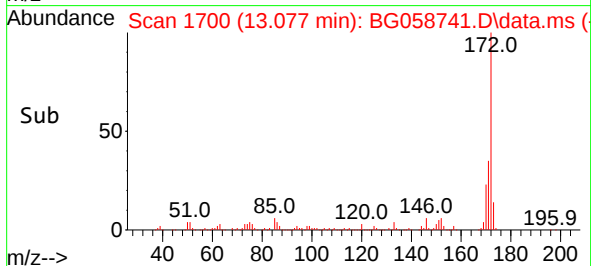
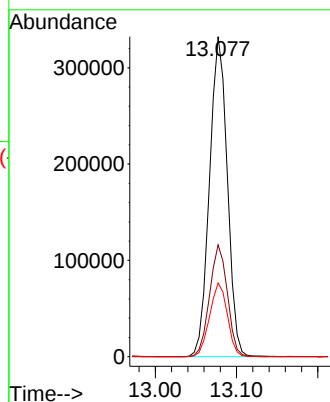
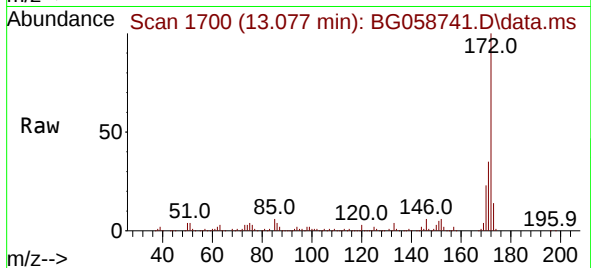
Tgt Ion:172	Resp: 50552
Ion Ratio	Lower Upper
172	100
171	35.0 28.0 42.0
170	23.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#46

1,1'-Biphenyl

Concen: 40.933 ng

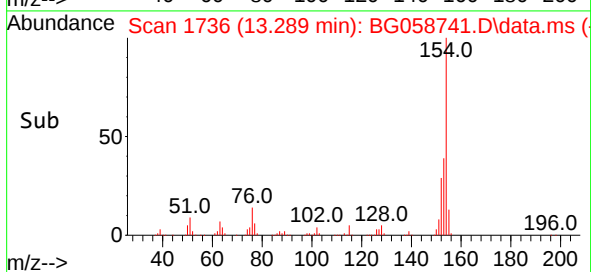
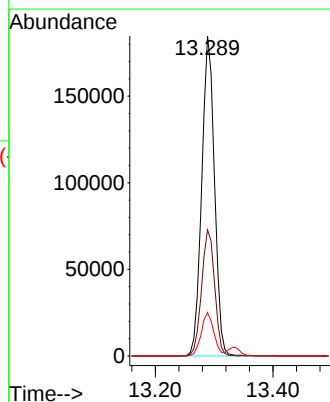
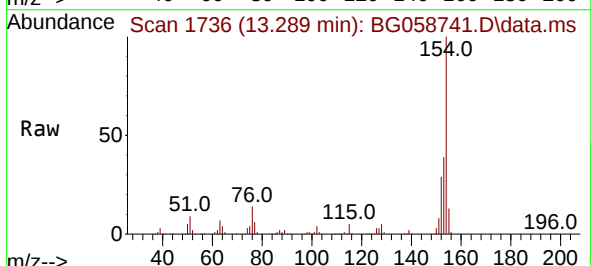
RT: 13.289 min Scan# 1736

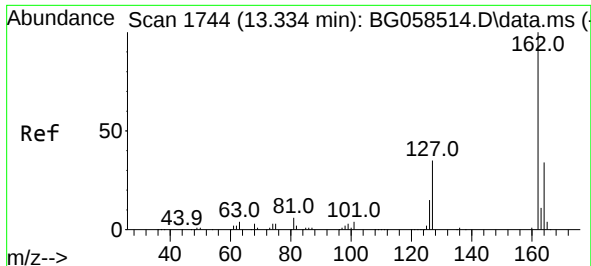
Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:154	Resp: 277928
Ion Ratio	Lower Upper
154	100
153	39.4 21.2 61.2
76	13.6 0.0 34.7





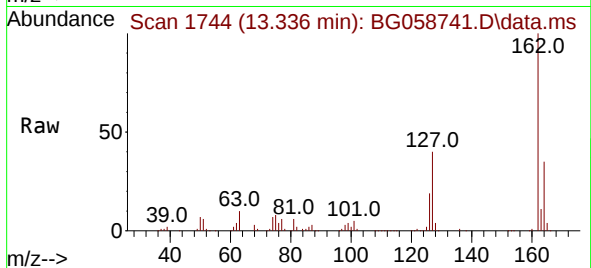
#47
2-Chloronaphthalene
Concen: 42.258 ng
RT: 13.336 min Scan# 1744
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS



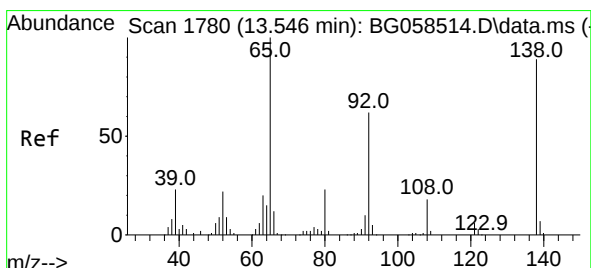
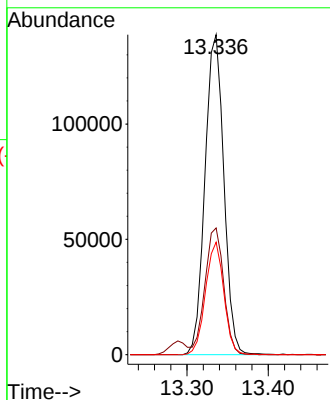
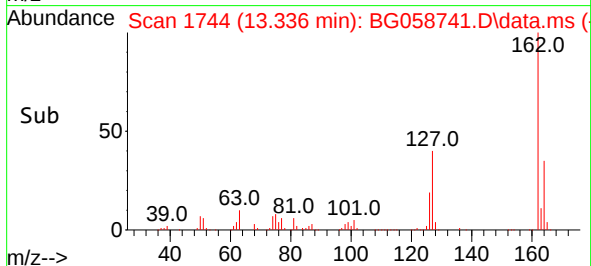
Tgt Ion:162 Resp: 223715
Ion Ratio Lower Upper
162 100
127 39.6 30.9 46.3
164 35.2 27.2 40.8

Manual Integrations

APPROVED

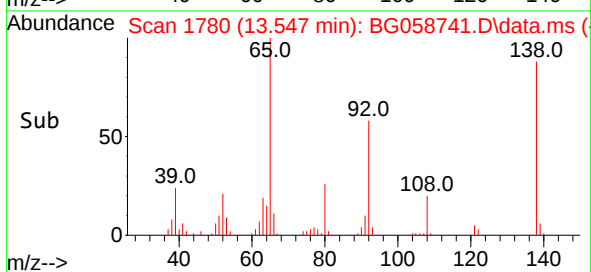
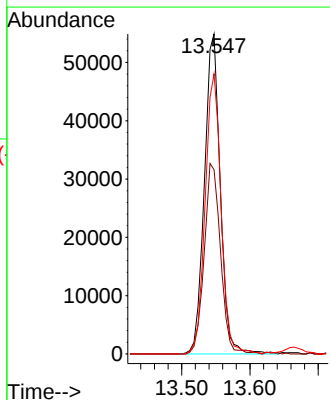
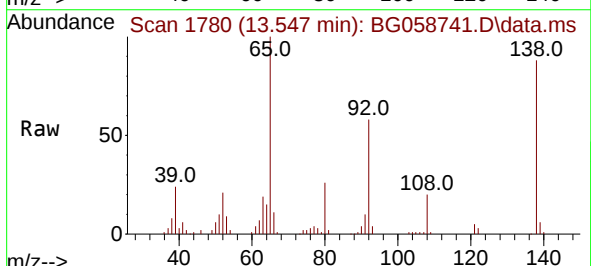
Reviewed By :Yogesh Patel 08/17/2023

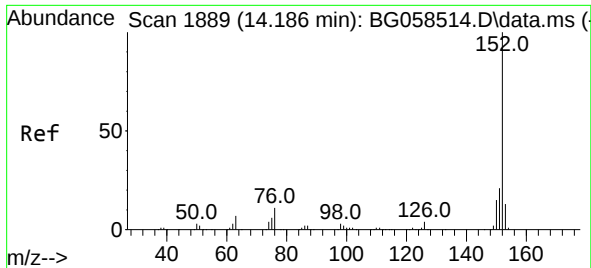
Supervised By :mohammad ahmed 08/17/2023



#48
2-Nitroaniline
Concen: 44.018 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion: 65 Resp: 88948
Ion Ratio Lower Upper
65 100
92 57.6 49.2 73.8
138 87.5 71.5 107.3





#49
Acenaphthylene
Concen: 42.046 ng
RT: 14.182 min Scan# 1888
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

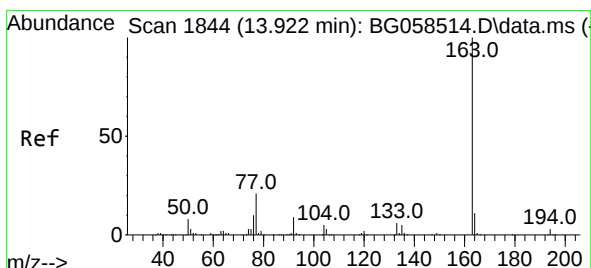
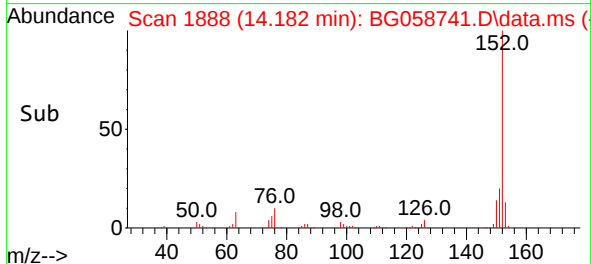
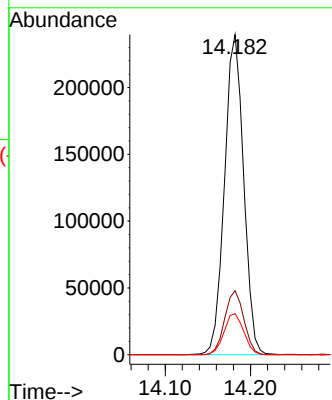
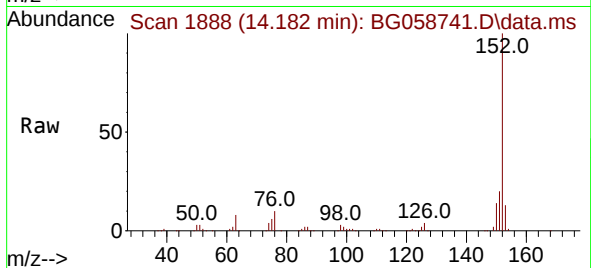
PB154790BS

Tgt Ion:152 Resp: 372670
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 12.9 10.7 16.1

Manual Integrations

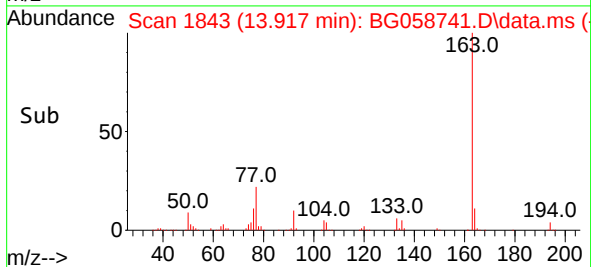
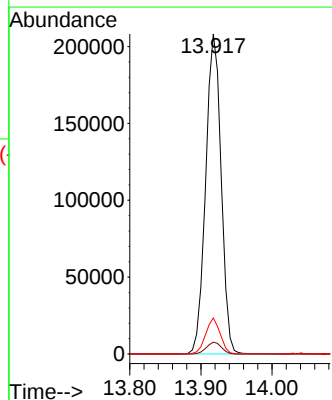
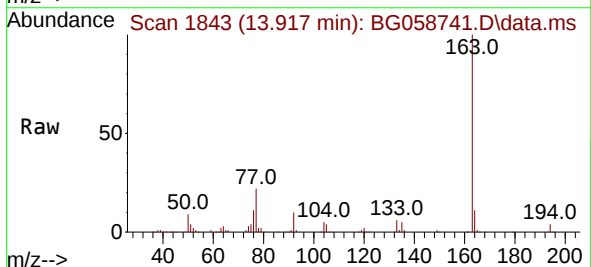
APPROVED

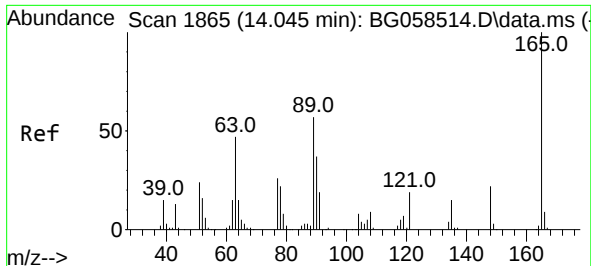
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#50
Dimethylphthalate
Concen: 42.401 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:163 Resp: 314837
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.3 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.402 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

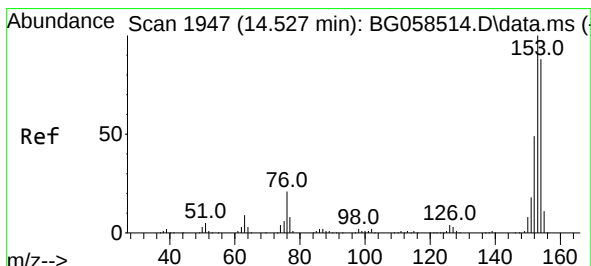
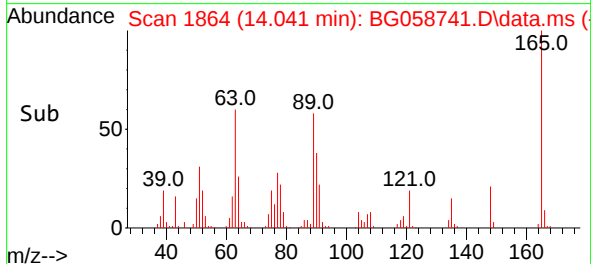
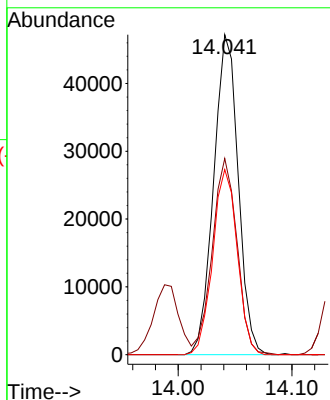
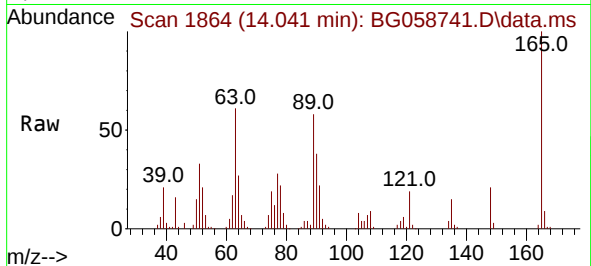
ClientSampleId :

PB154790BS

Tgt Ion:165 Resp: 70711
Ion Ratio Lower Upper
165 100
63 61.3 46.4 69.6
89 57.8 45.3 67.9

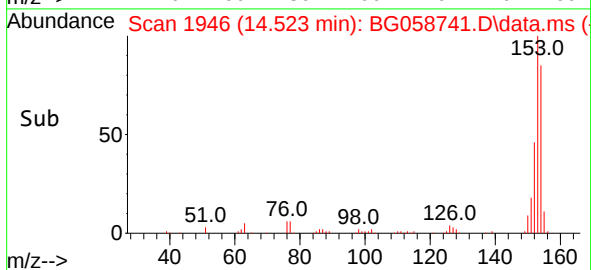
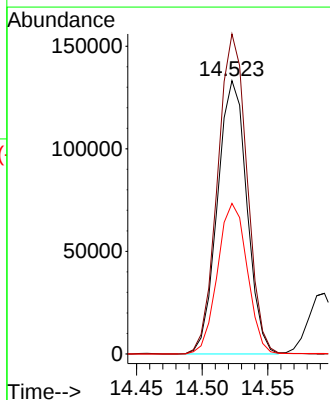
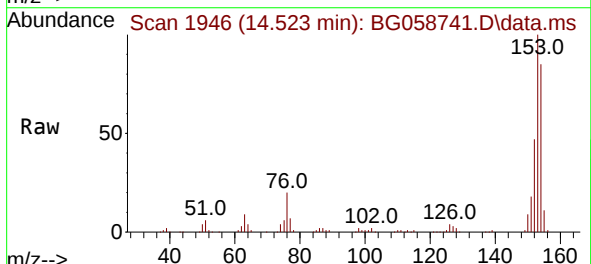
Manual Integrations
APPROVED

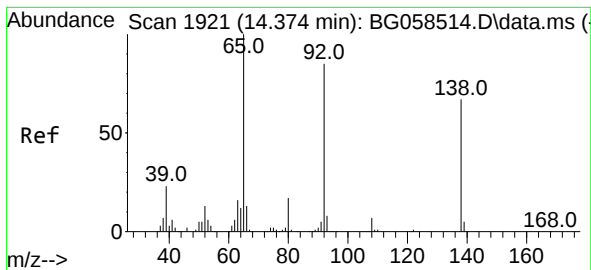
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 40.540 ng
RT: 14.523 min Scan# 1946
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:154 Resp: 207624
Ion Ratio Lower Upper
154 100
153 117.1 91.1 136.7
152 55.1 44.6 66.8





#53
3-Nitroaniline
Concen: 27.557 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

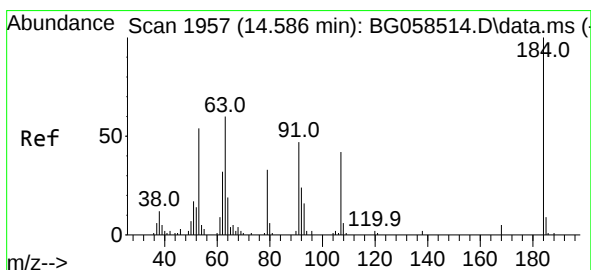
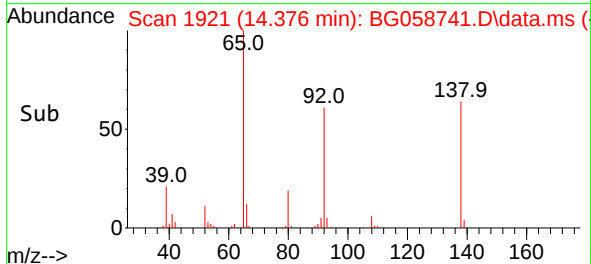
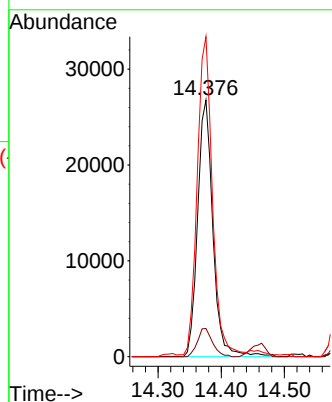
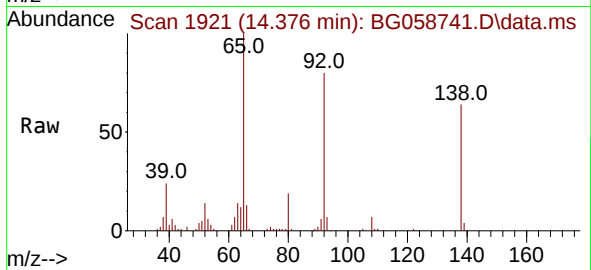
PB154790BS

Tgt Ion:138 Resp: 44920
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 124.7 101.1 151.7

Manual Integrations

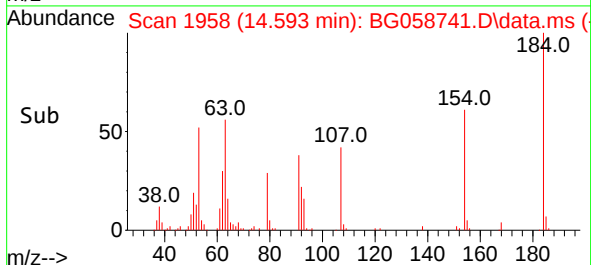
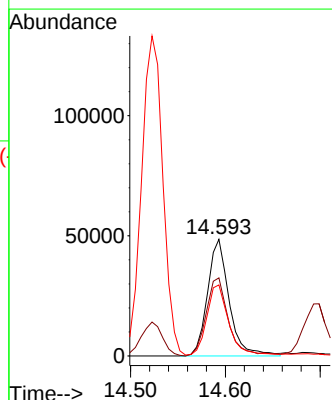
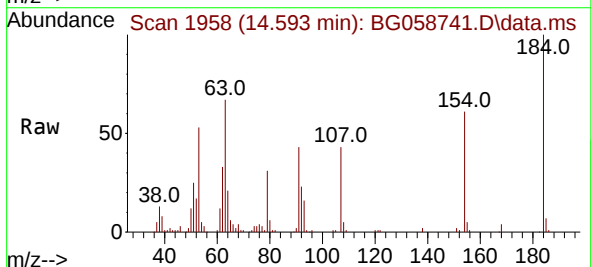
APPROVED

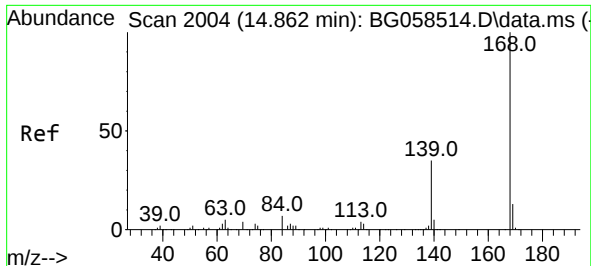
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 83.427 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:184 Resp: 76947
Ion Ratio Lower Upper
184 100
63 66.9 56.7 85.1
154 60.9 46.1 69.1





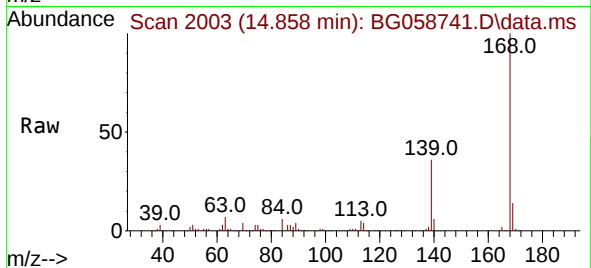
#55
Dibenzofuran
Concen: 41.260 ng
RT: 14.858 min Scan# 2004
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

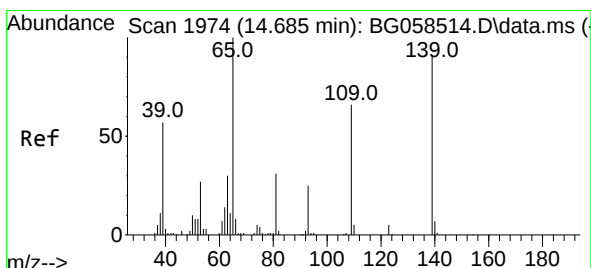
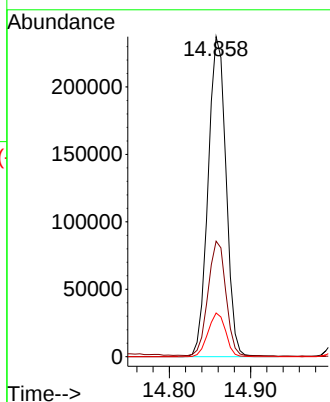
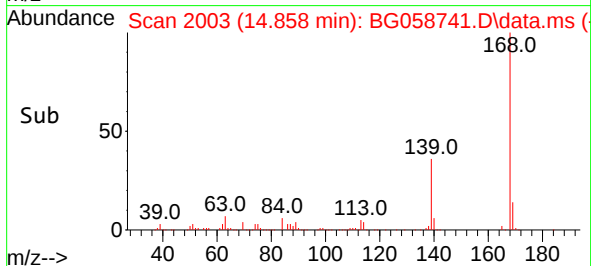


Tgt Ion:168 Resp: 36310
Ion Ratio Lower Upper
168 100
139 36.1 27.8 41.8
169 13.7 10.6 16.0

Manual Integrations

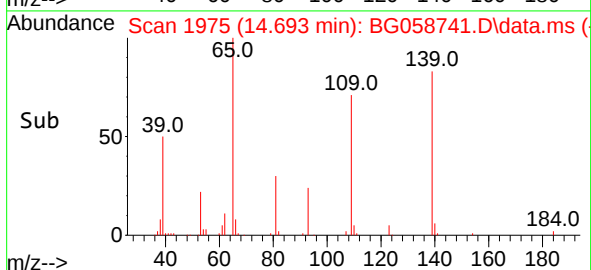
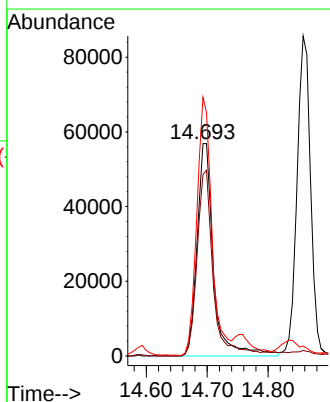
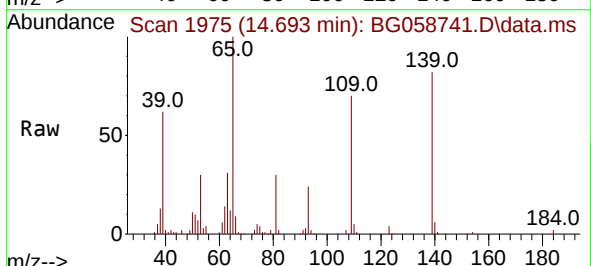
APPROVED

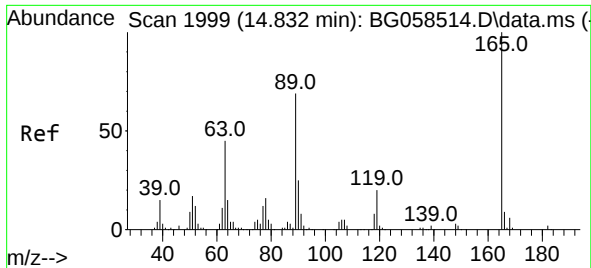
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 87.838 ng
RT: 14.693 min Scan# 1975
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:139 Resp: 106507
Ion Ratio Lower Upper
139 100
109 85.5 52.5 92.5
65 121.8 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 44.937 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

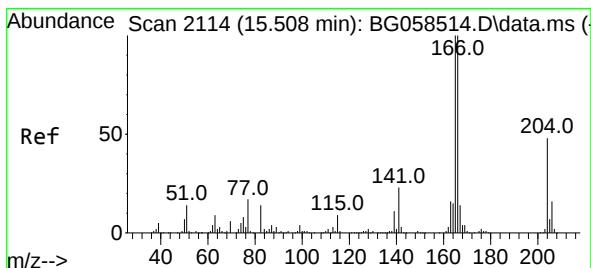
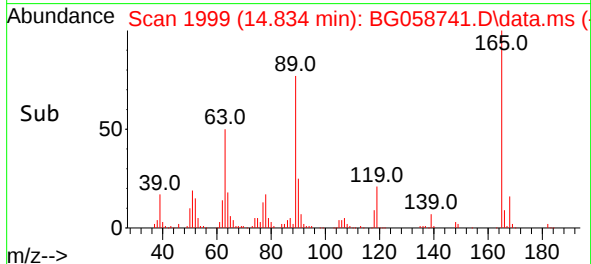
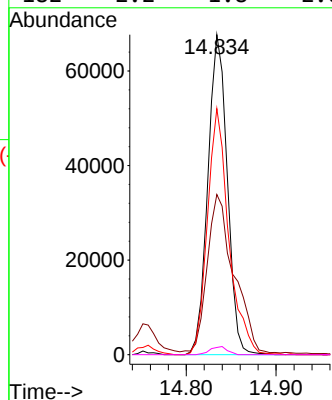
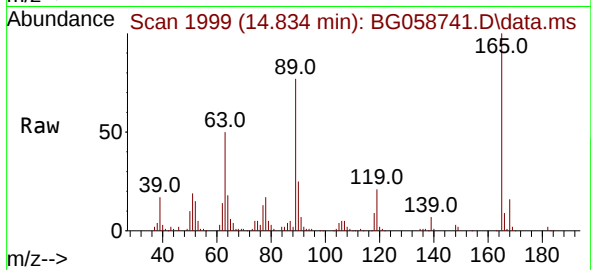
PB154790BS

Tgt Ion:165 Resp: 101502
Ion Ratio Lower Upper
165 100
63 50.1 36.6 54.8
89 76.9 55.4 83.0
182 2.2 1.8 2.6

Manual Integrations

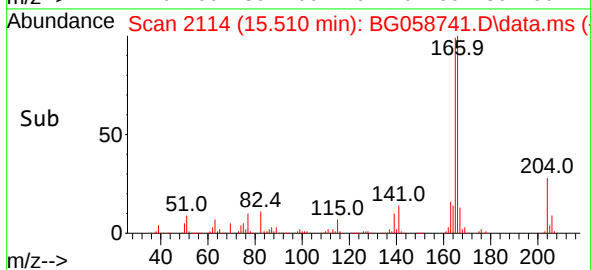
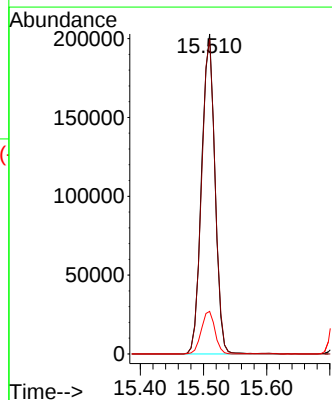
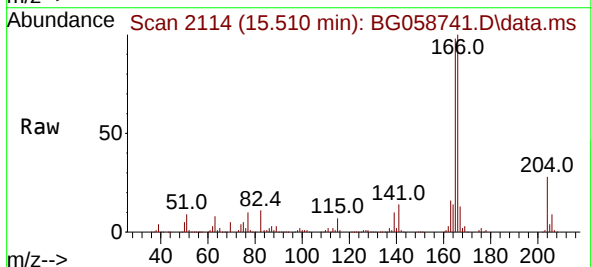
APPROVED

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



#58
Fluorene
Concen: 42.443 ng
RT: 15.510 min Scan# 2114
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:166 Resp: 296722
Ion Ratio Lower Upper
166 100
165 98.5 80.0 120.0
167 13.3 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.165 ng
RT: 15.087 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

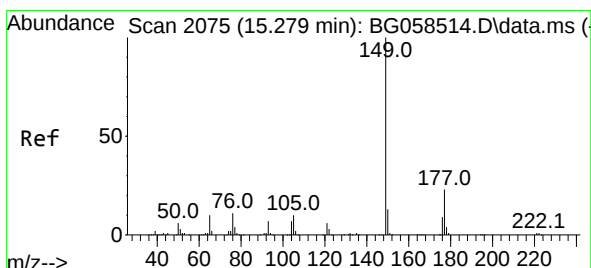
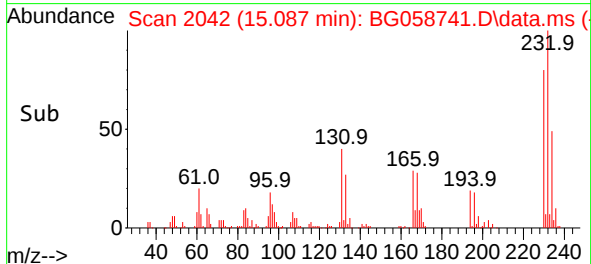
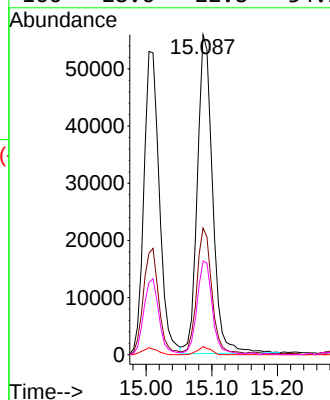
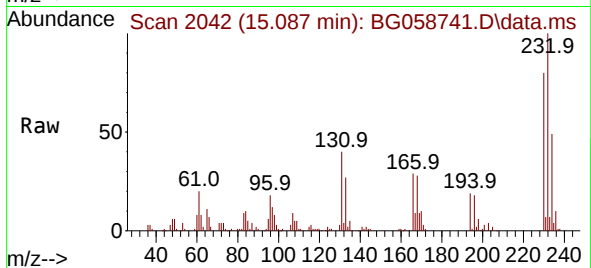
PB154790BS

Tgt Ion:232 Resp: 90570
Ion Ratio Lower Upper
232 100
131 38.5 30.0 45.0
130 2.1 1.5 2.3
166 28.6 22.8 34.2

Manual Integrations

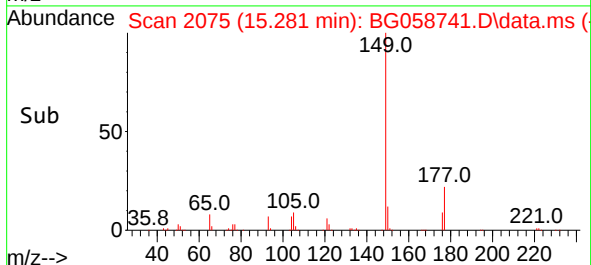
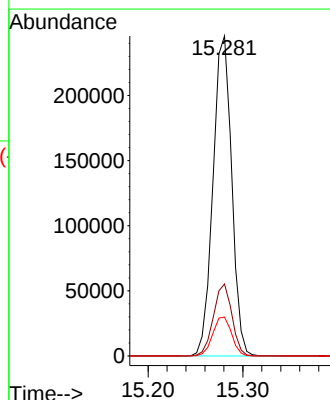
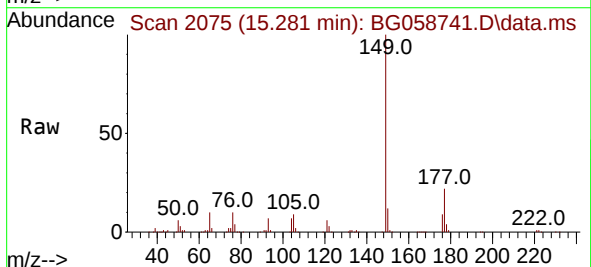
APPROVED

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



#60
Diethylphthalate
Concen: 44.401 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:149 Resp: 335872
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.554 ng
RT: 15.498 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

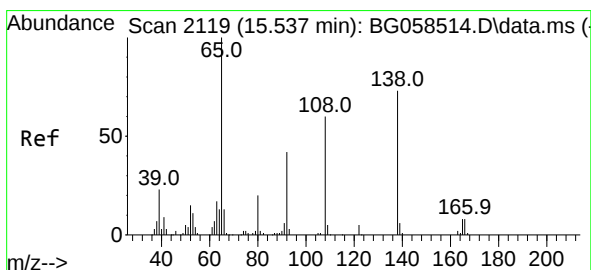
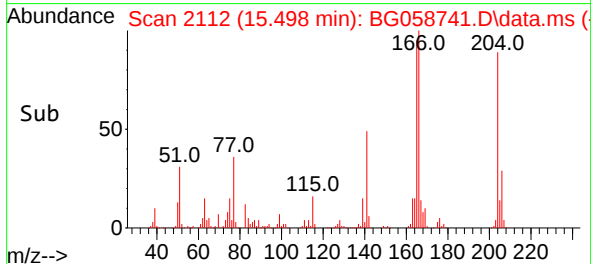
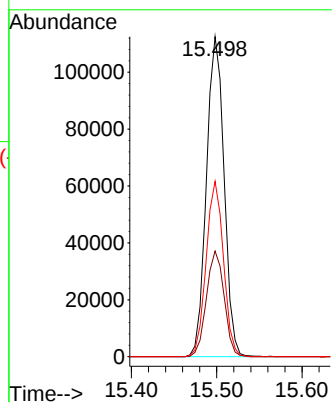
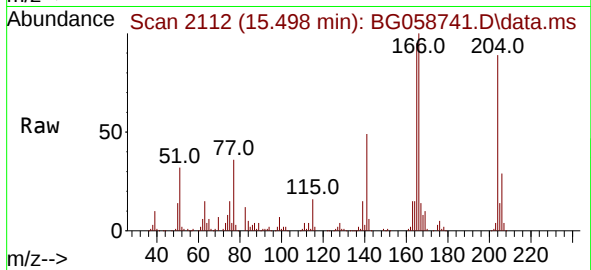
ClientSampleId :

PB154790BS

Tgt Ion:204 Resp: 161962
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 54.8 40.8 61.2

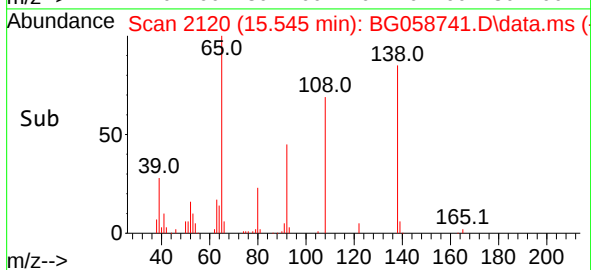
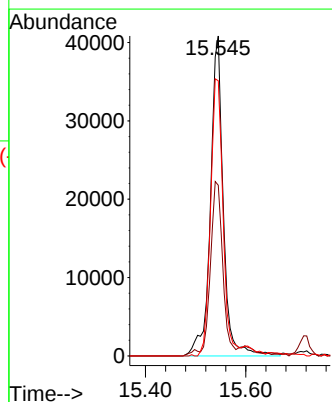
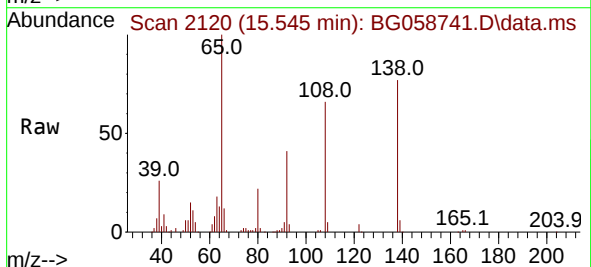
Manual Integrations
APPROVED

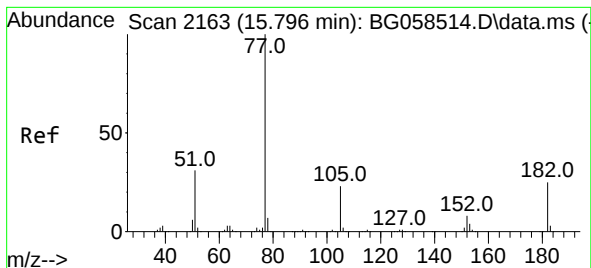
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 47.273 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:138 Resp: 72996
Ion Ratio Lower Upper
138 100
92 53.4 37.3 77.3
108 86.0 62.6 102.6





#63

Azobenzene

Concen: 41.160 ng

RT: 15.792 min Scan# 2163

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

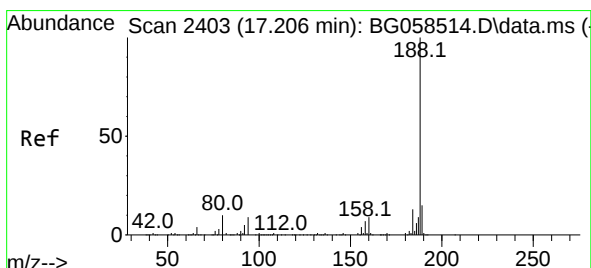
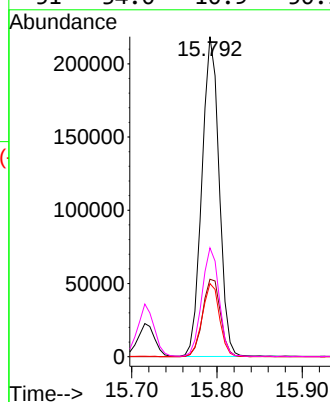
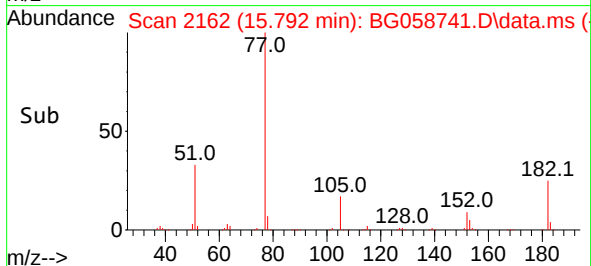
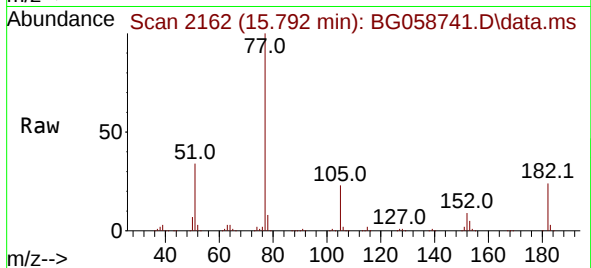
PB154790BS

Tgt Ion: 77	Resp: 30667
Ion Ratio	Lower Upper
77 100	
182 24.2	4.6 44.6
105 22.8	3.3 43.3
51 34.0	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

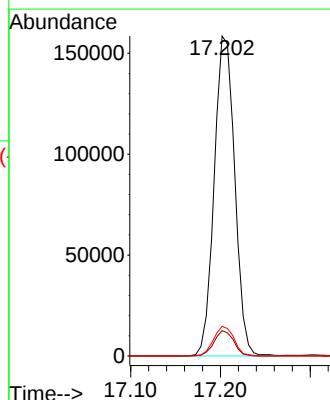
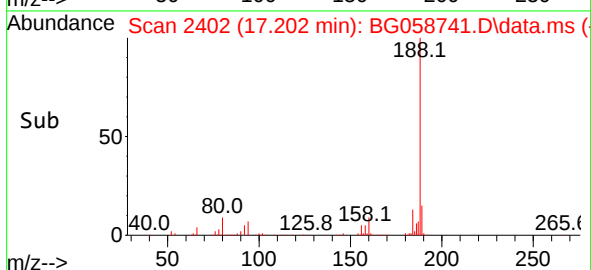
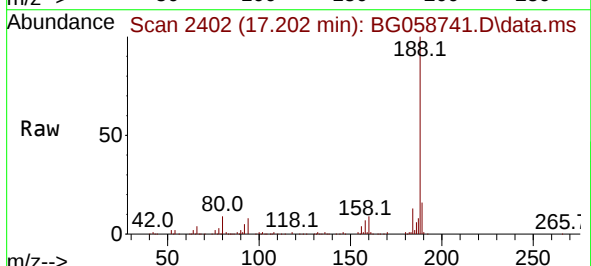
RT: 17.202 min Scan# 2402

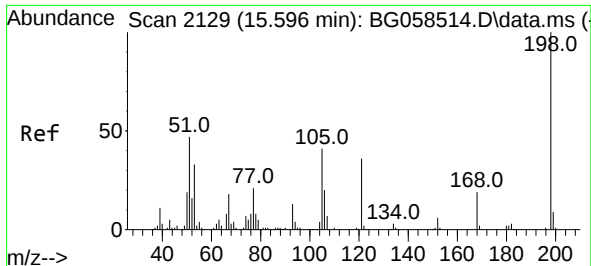
Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:188	Resp: 251553
Ion Ratio	Lower Upper
188 100	
94 7.9	7.0 10.6
80 9.3	8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 43.619 ng
RT: 15.604 min Scan# 2129
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

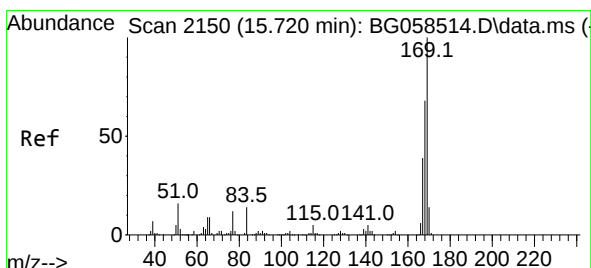
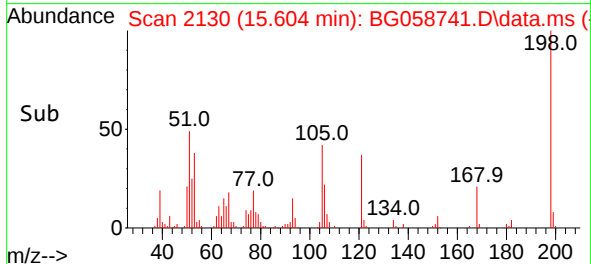
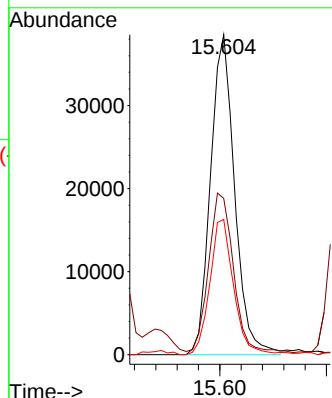
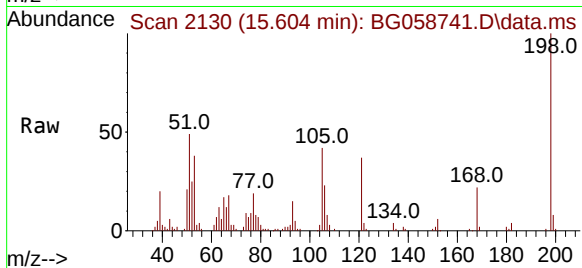
PB154790BS

Tgt Ion:198 Resp: 6050
Ion Ratio Lower Upper
198 100
51 48.8 29.3 69.3
105 42.3 21.0 61.0

Manual Integrations

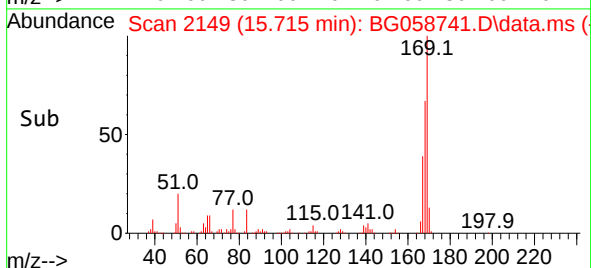
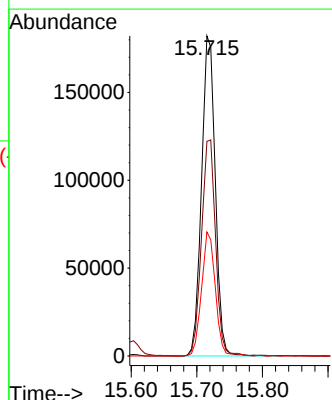
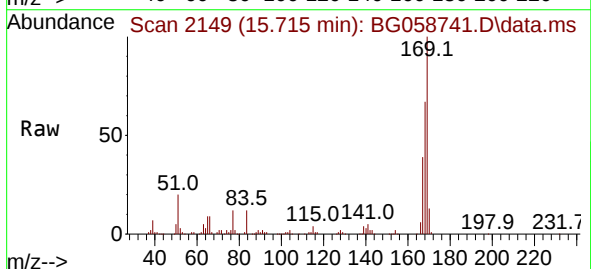
APPROVED

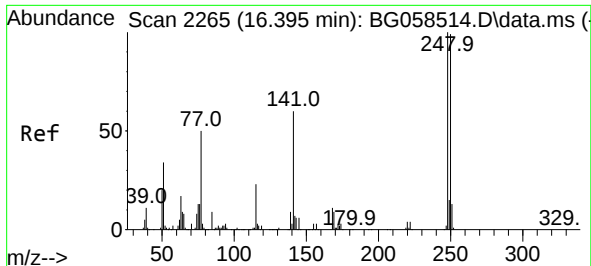
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 40.652 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:169 Resp: 266157
Ion Ratio Lower Upper
169 100
168 67.1 54.6 82.0
167 38.7 31.3 46.9





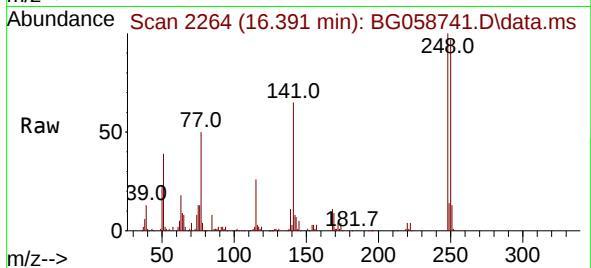
#67
4-Bromophenyl-phenylether
Concen: 39.753 ng
RT: 16.391 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

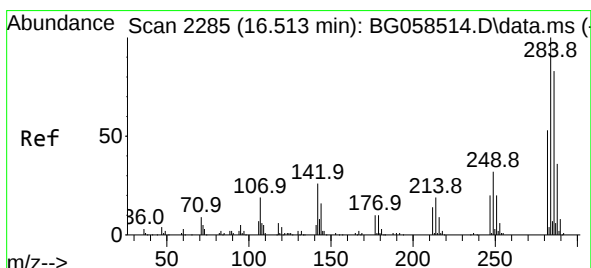
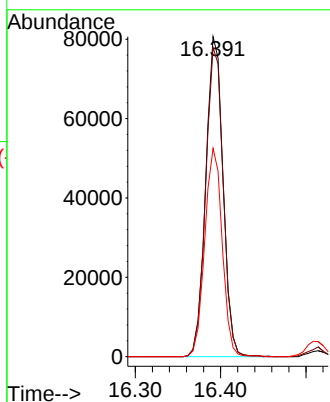
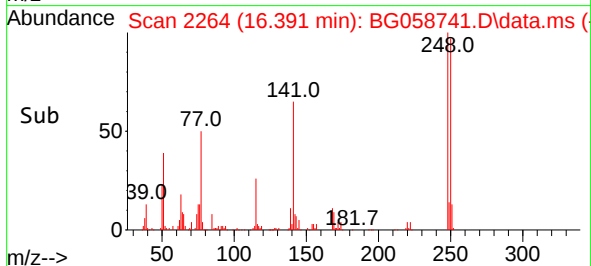
PB154790BS



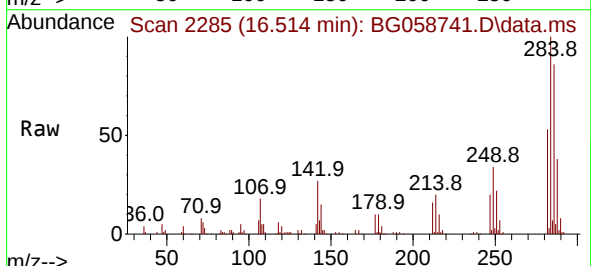
Tgt Ion:248 Resp: 113420
Ion Ratio Lower Upper
248 100
250 96.6 79.5 119.3
141 65.1 48.2 72.2

Manual Integrations
APPROVED

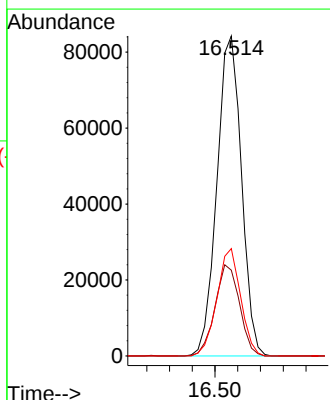
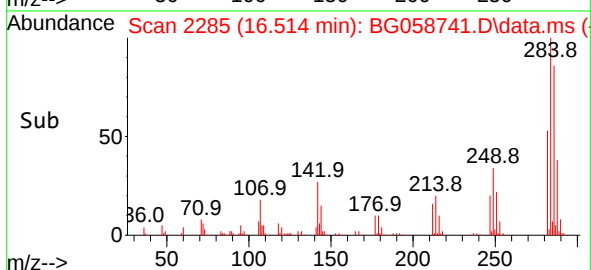
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

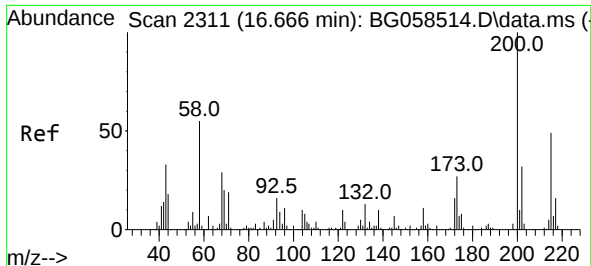


#68
Hexachlorobenzene
Concen: 41.745 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



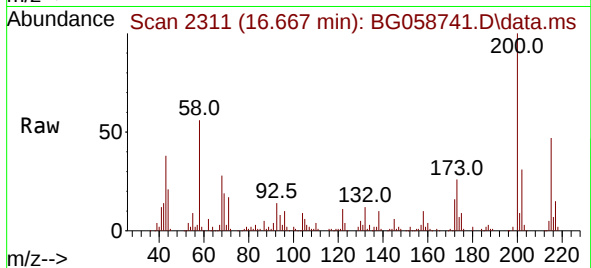
Tgt Ion:284 Resp: 126210
Ion Ratio Lower Upper
284 100
142 26.8 21.0 31.4
249 33.6 25.5 38.3





#69
 Atrazine
 Concen: 51.847 ng
 RT: 16.667 min Scan# 211
 Delta R.T. 0.002 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

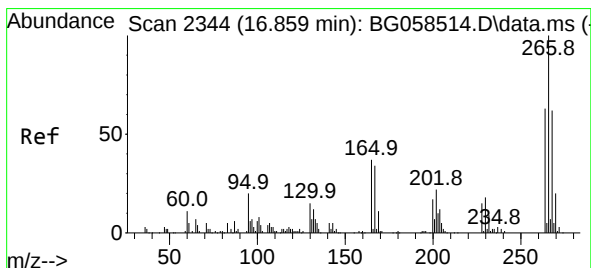
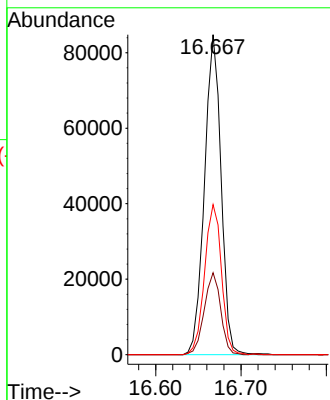
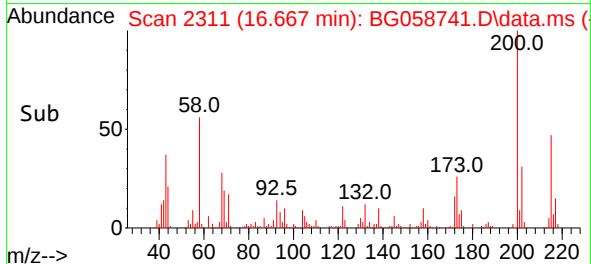
Instrument :
 BNA_G
 ClientSampleId :
 PB154790BS



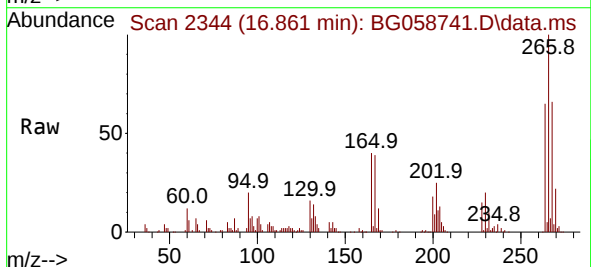
Tgt Ion:200 Resp: 11459
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.5 46.5
 215 46.9 28.9 68.9

Manual Integrations
 APPROVED

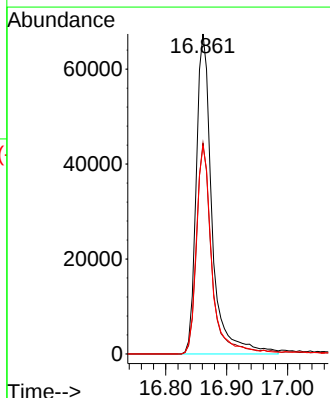
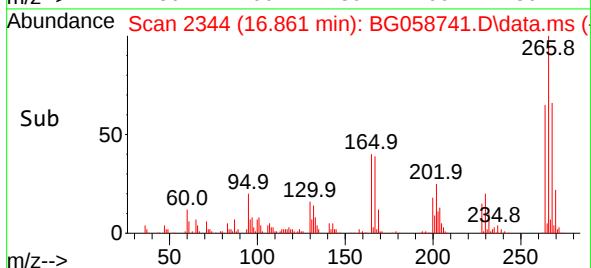
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

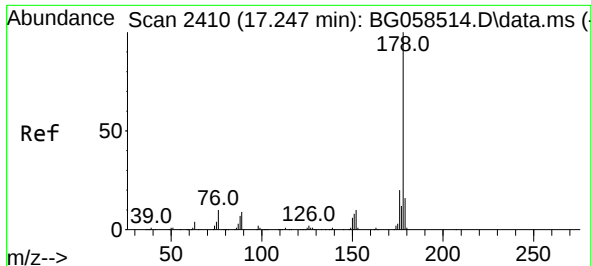


#70
 Pentachlorophenol
 Concen: 66.375 ng
 RT: 16.861 min Scan# 2344
 Delta R.T. 0.002 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55



Tgt Ion:266 Resp: 121465
 Ion Ratio Lower Upper
 266 100
 268 65.9 49.9 74.9
 264 65.1 50.2 75.4





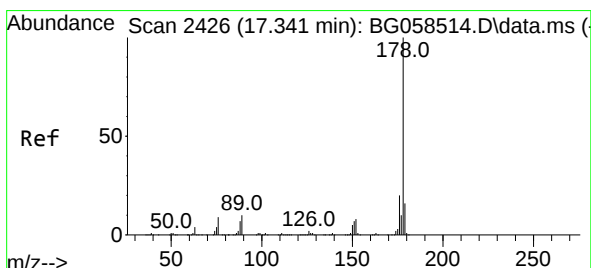
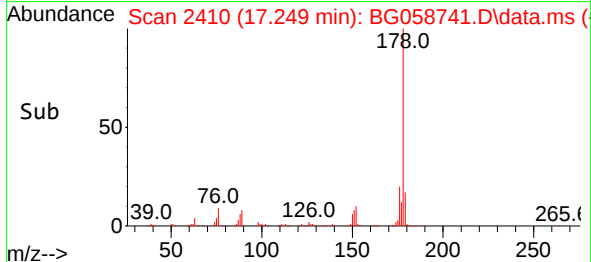
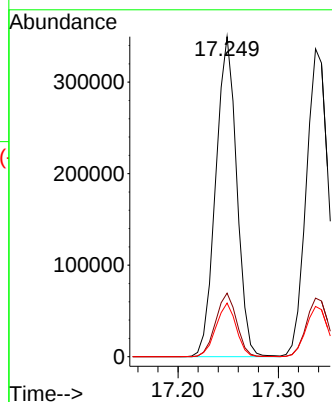
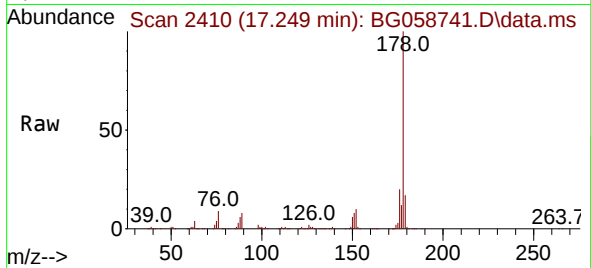
#71
Phenanthrene
Concen: 42.531 ng
RT: 17.249 min Scan# 2410
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :
BNA_G
ClientSampleId :
PB154790BS

Tgt Ion:178 Resp: 507385
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 16.7 13.1 19.7

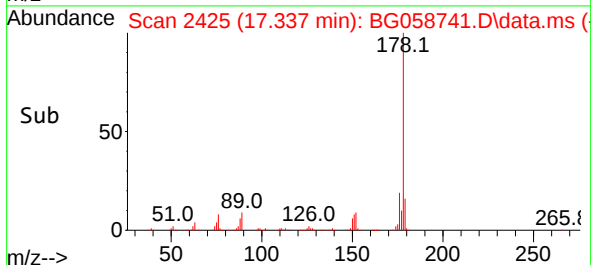
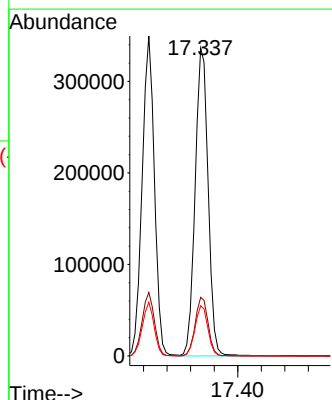
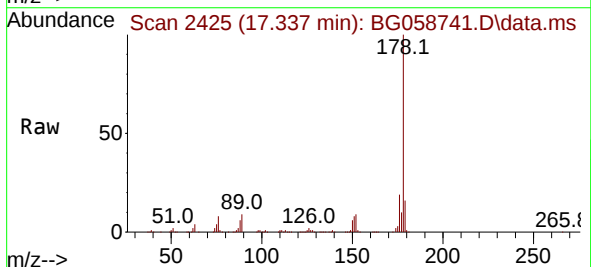
Manual Integrations
APPROVED

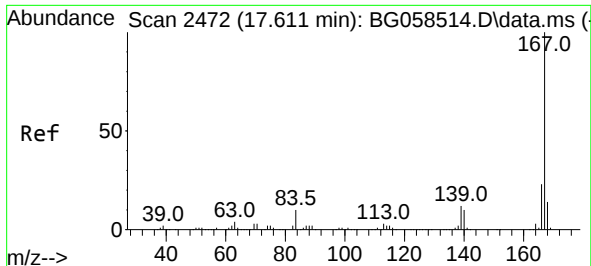
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Anthracene
Concen: 42.016 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Tgt Ion:178 Resp: 514311
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 16.3 12.9 19.3





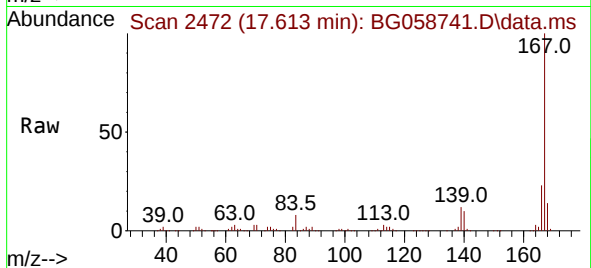
#73
 Carbazole
 Concen: 44.750 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.002 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

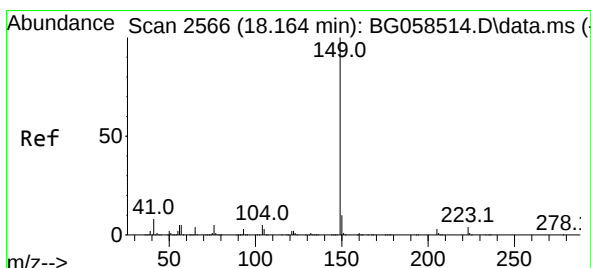
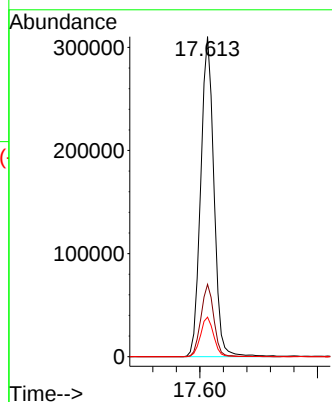
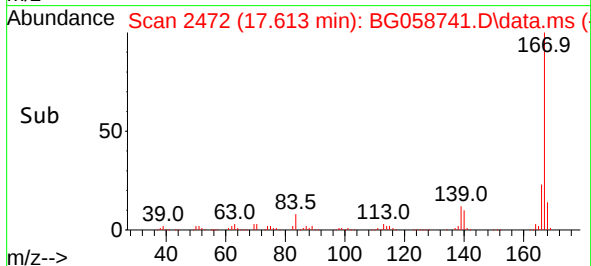


Tgt Ion:167 Resp: 48304
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.3 10.0 15.0

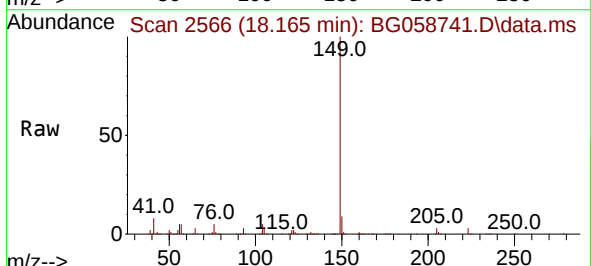
Manual Integrations

APPROVED

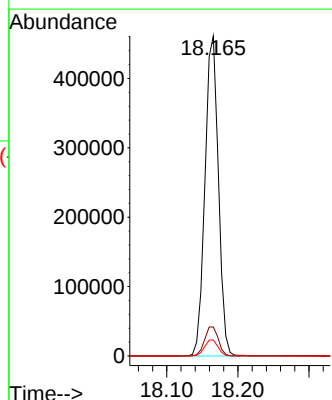
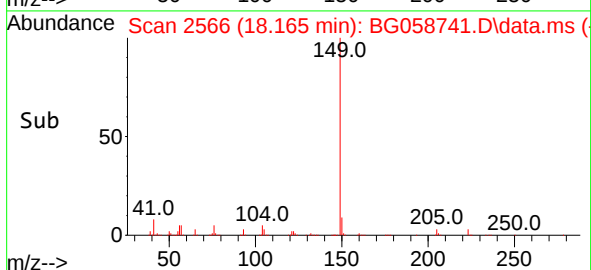
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

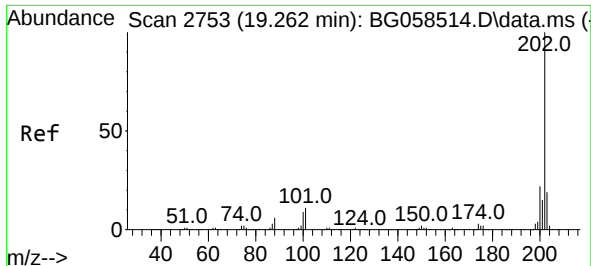


#74
 Di-n-butylphthalate
 Concen: 44.911 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.002 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55



Tgt Ion:149 Resp: 607221
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 5.0 4.0 6.0





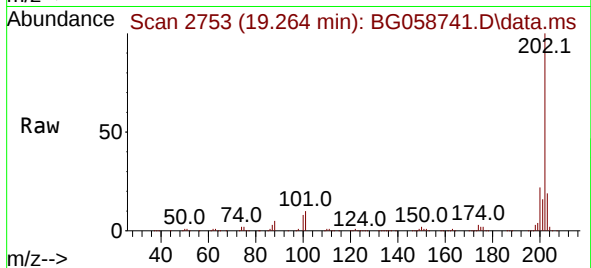
#75
Fluoranthene
Concen: 43.204 ng
RT: 19.264 min Scan# 2753
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS



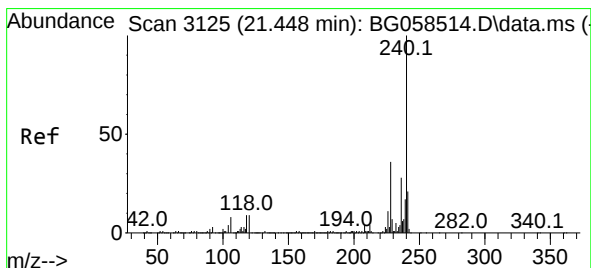
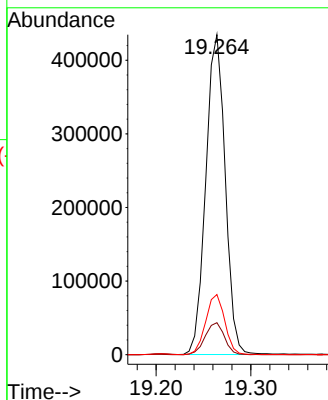
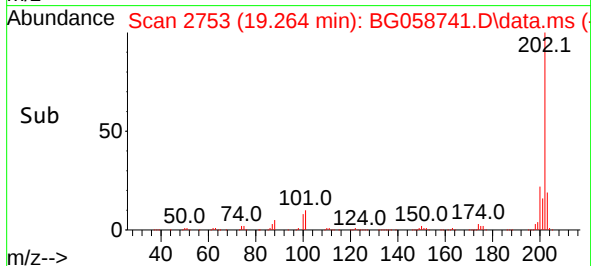
Tgt Ion:202 Resp: 61912
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 18.8 0.0 39.0

Manual Integrations

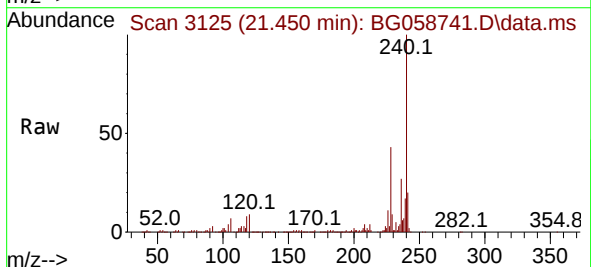
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

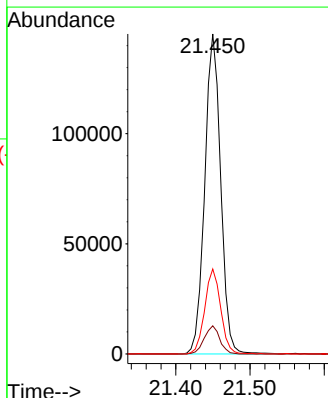
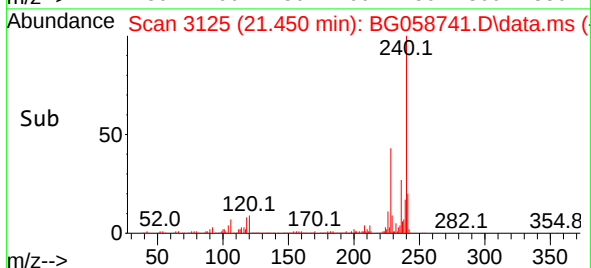
Supervised By :mohammad ahmed 08/17/2023

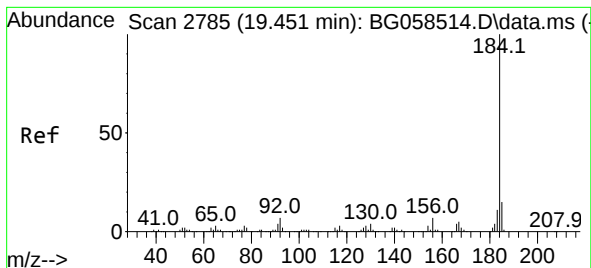


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:240 Resp: 216387
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 26.6 22.2 33.4





#77

Benzidine

Concen: 63.589 ng

RT: 19.452 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

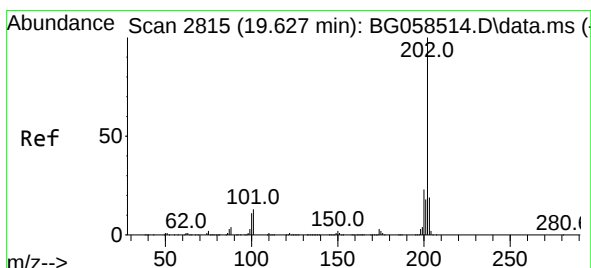
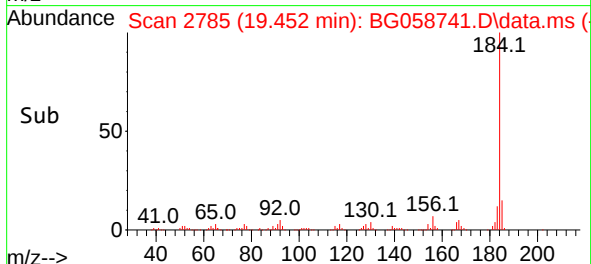
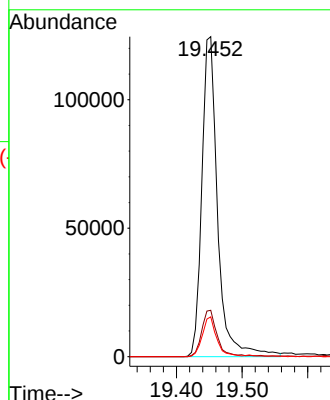
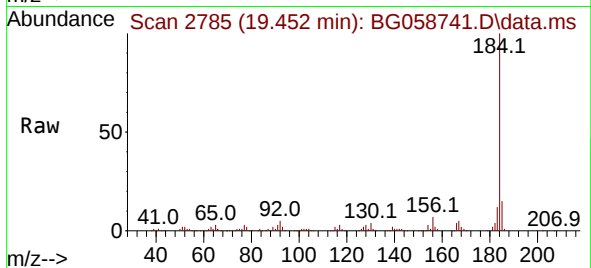
PB154790BS

Tgt Ion:	184	Resp:	208650
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.9	17.9
183	12.5	8.7	13.1

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 43.368 ng

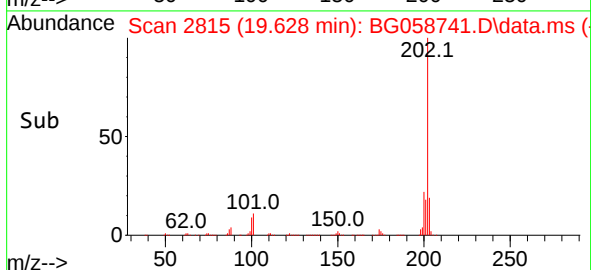
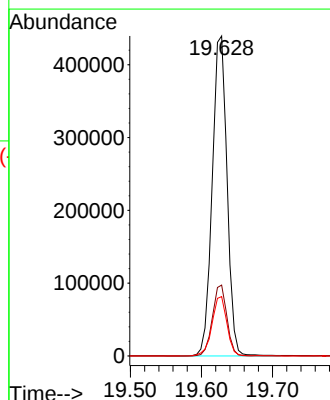
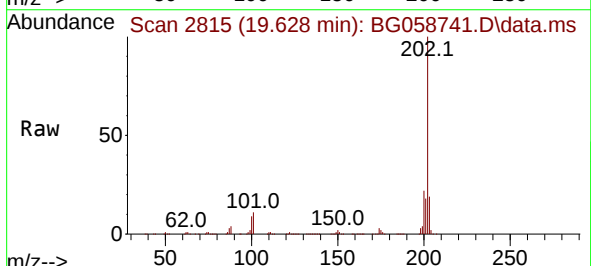
RT: 19.628 min Scan# 2815

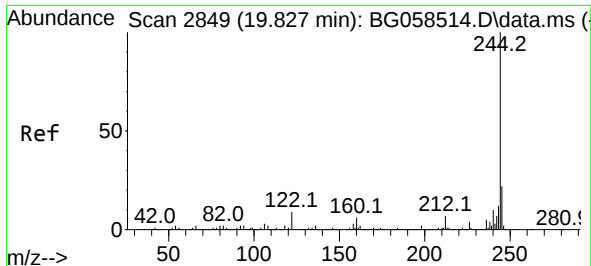
Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:	202	Resp:	638650
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	18.5	15.1	22.7





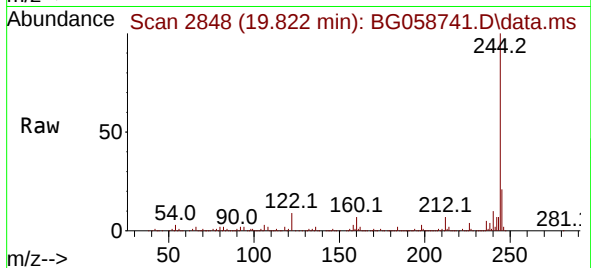
#79
 Terphenyl-d14
 Concen: 85.728 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

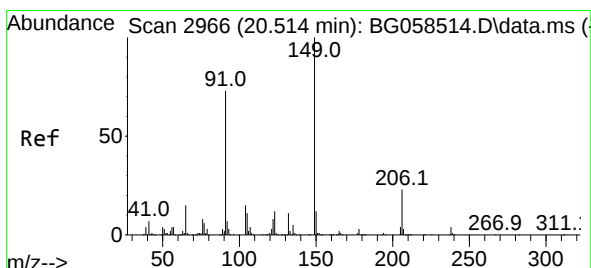
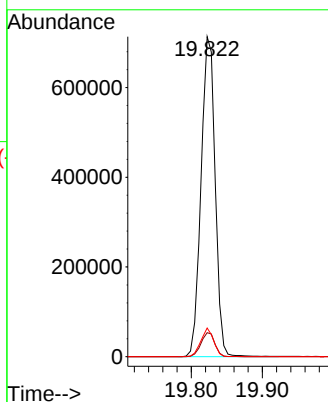
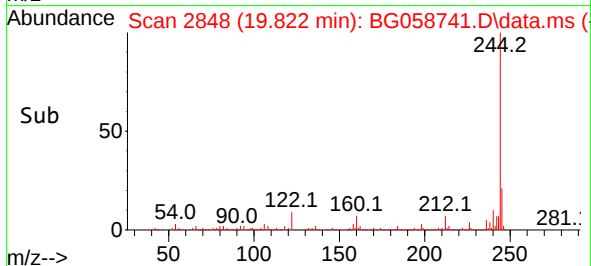


Tgt Ion:244 Resp: 98644
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.9 6.8 10.2

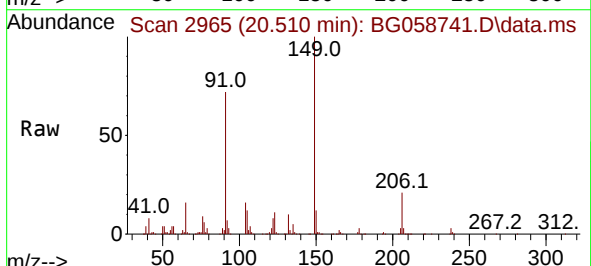
Manual Integrations

APPROVED

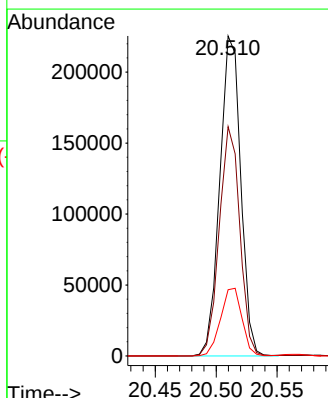
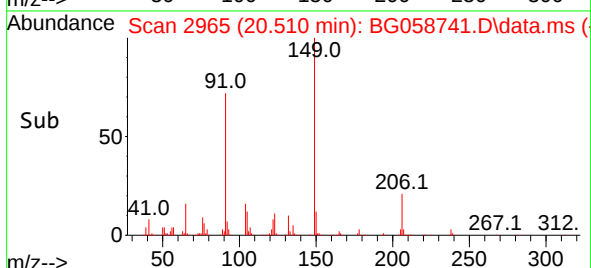
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

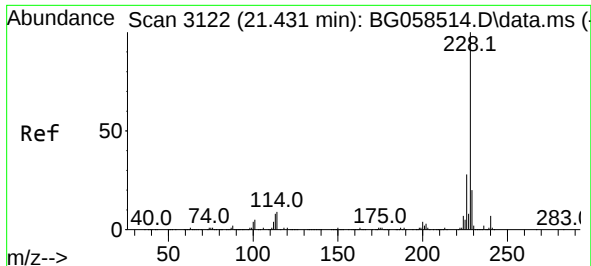


#80
 Butylbenzylphthalate
 Concen: 44.628 ng
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.004 min
 Lab File: BG058741.D
 Acq: 16 Aug 2023 9:55



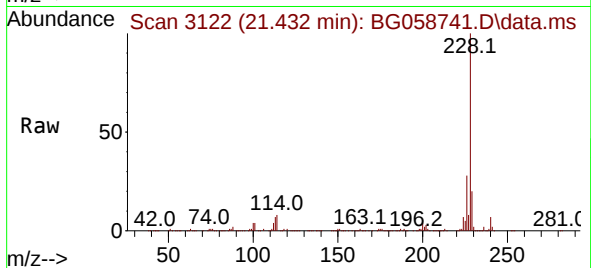
Tgt Ion:149 Resp: 269954
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.4 87.6
 206 20.7 18.3 27.5





#81
Benzo(a)anthracene
Concen: 43.406 ng
RT: 21.432 min Scan# 3122
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

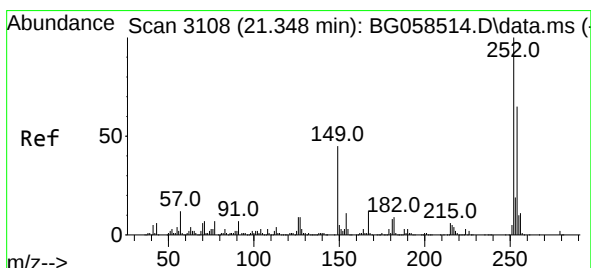
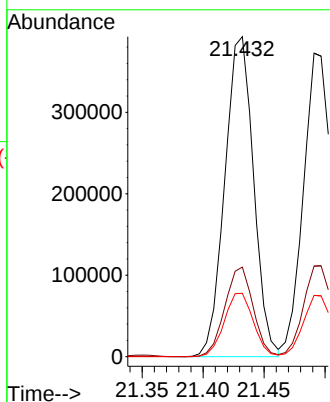
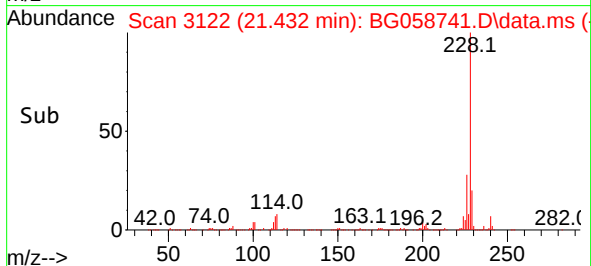
Instrument :
BNA_G
ClientSampleId :
PB154790BS



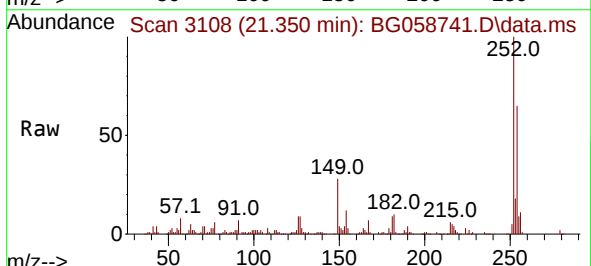
Tgt Ion:228 Resp: 646388
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.8 16.3 24.5

Manual Integrations
APPROVED

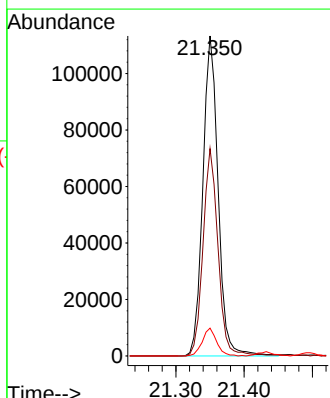
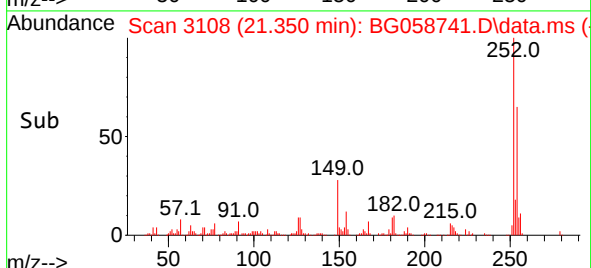
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.065 ng
RT: 21.350 min Scan# 3108
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:252 Resp: 176550
Ion Ratio Lower Upper
252 100
254 64.8 52.2 78.4
126 8.7 7.2 10.8





#83

Chrysene

Concen: 42.116 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

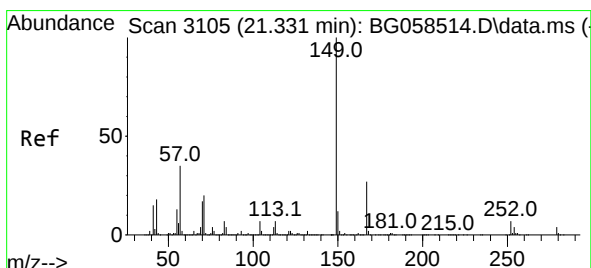
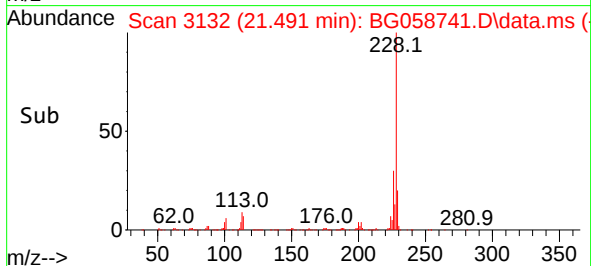
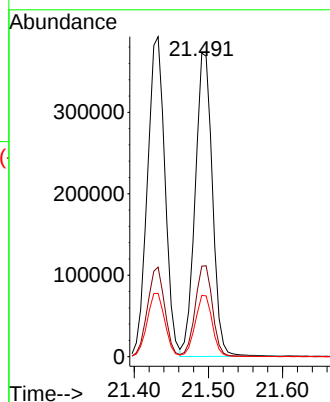
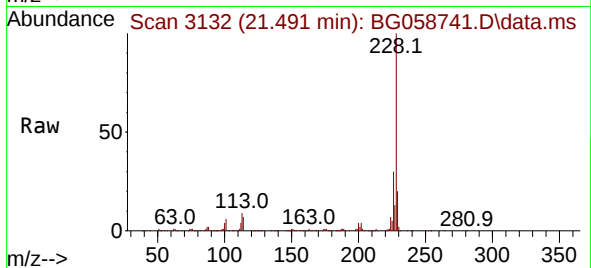
PB154790BS

Tgt Ion:228 Resp: 60132
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 20.2 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: 44.531 ng

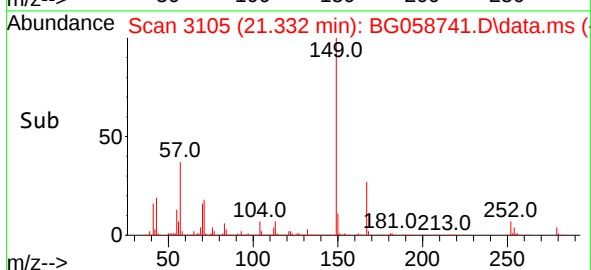
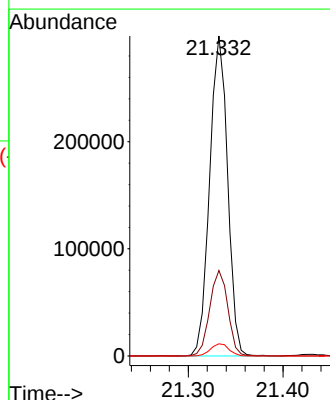
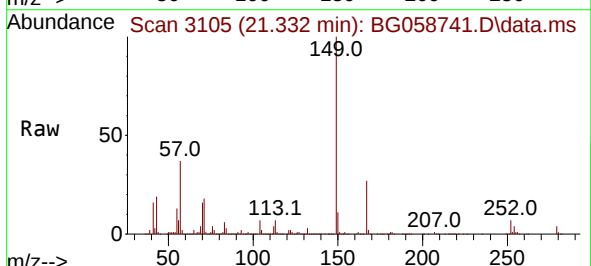
RT: 21.332 min Scan# 3105

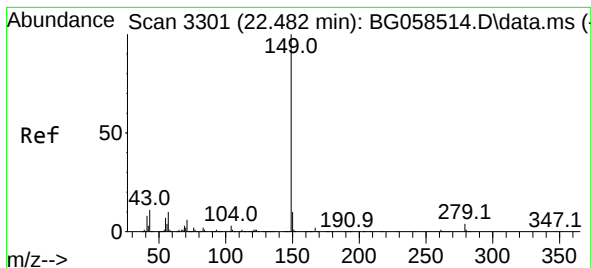
Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

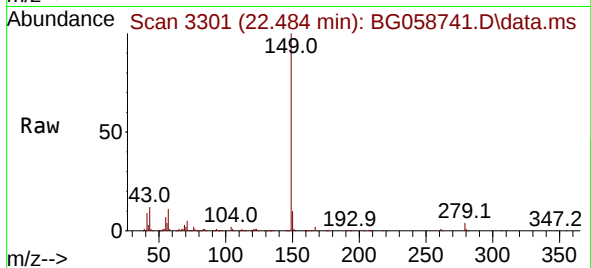
Tgt Ion:149 Resp: 393638
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.399 ng
RT: 22.484 min Scan# 3301
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

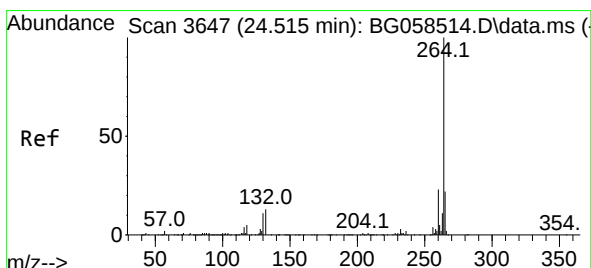
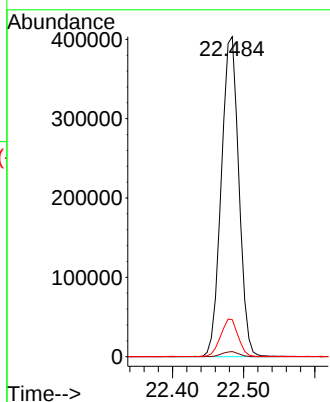
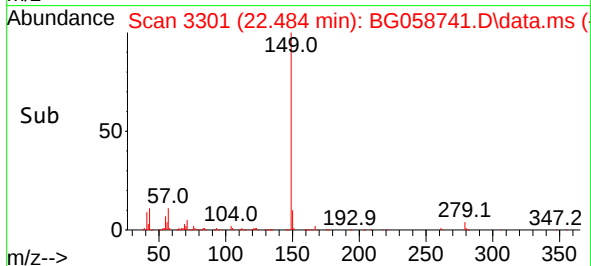
Instrument :
BNA_G
ClientSampleId :
PB154790BS



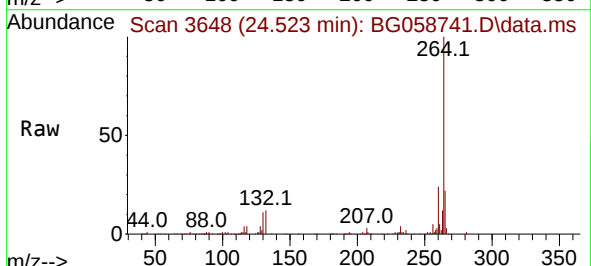
Tgt Ion:149 Resp: 690009
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.6 8.2 12.2

Manual Integrations
APPROVED

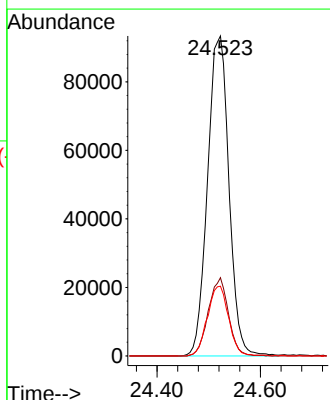
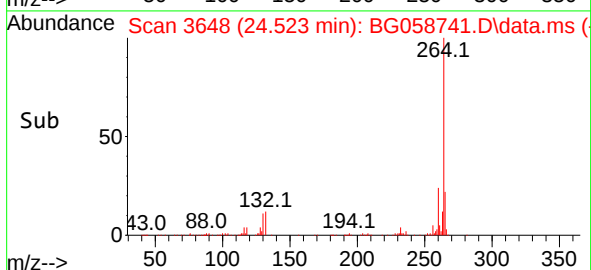
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

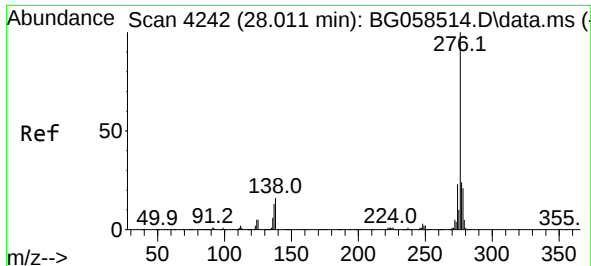


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.523 min Scan# 3648
Delta R.T. 0.008 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:264 Resp: 268553
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.8 17.9 26.9





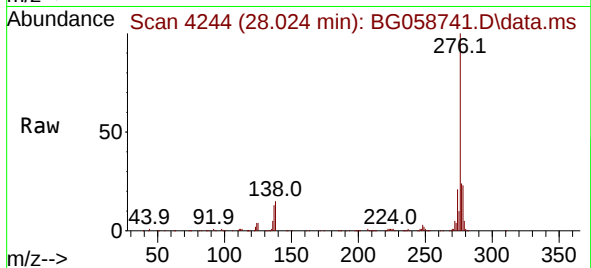
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.425 ng
RT: 28.024 min Scan# 4244
Delta R.T. 0.013 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

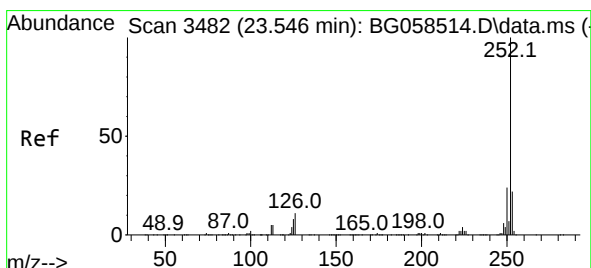
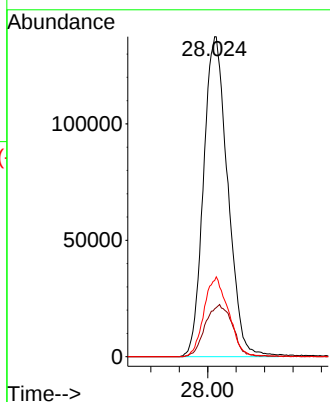
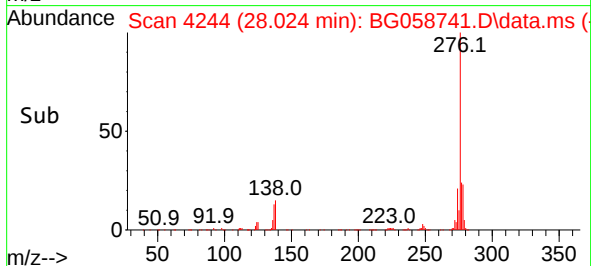


Tgt Ion:276 Resp: 81156
Ion Ratio Lower Upper
276 100
138 18.2 16.0 24.0
277 25.2 20.4 30.6

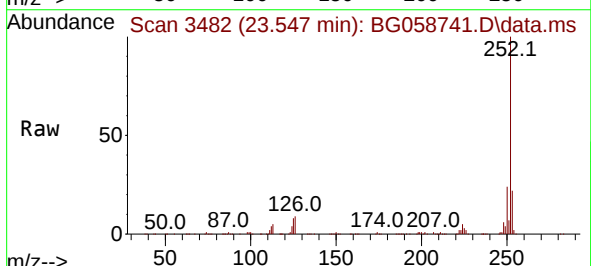
Manual Integrations

APPROVED

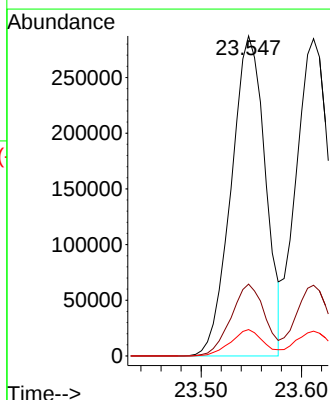
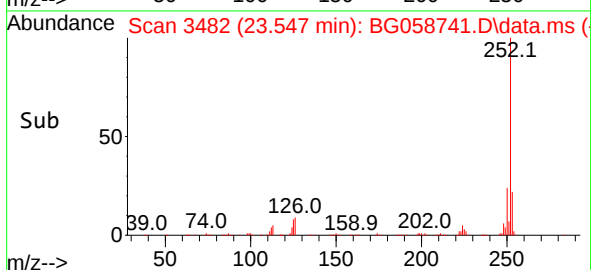
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

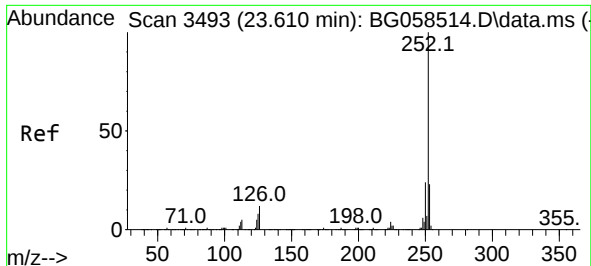


#88
Benzo(b)fluoranthene
Concen: 46.760 ng
RT: 23.547 min Scan# 3482
Delta R.T. 0.002 min
Lab File: BG058741.D
Acq: 16 Aug 2023 9:55



Tgt Ion:252 Resp: 681094
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 8.2 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 45.514 ng

RT: 23.612 min Scan# 3493

Delta R.T. 0.002 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

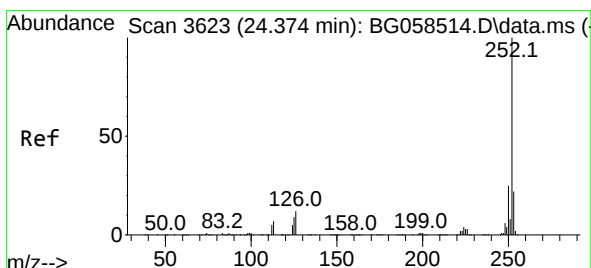
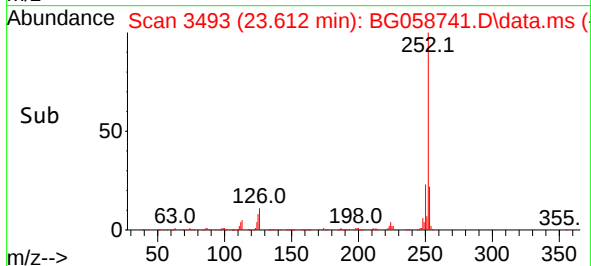
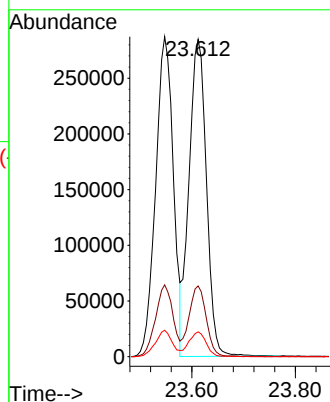
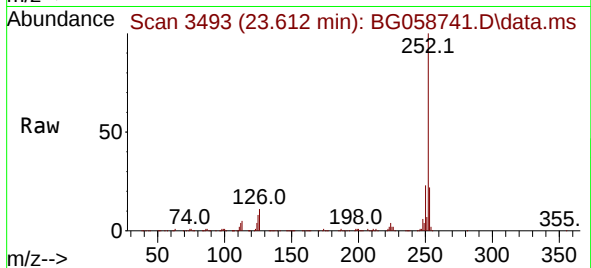
PB154790BS

Tgt Ion:252 Resp: 665994
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.9 26.9
 125 7.8 6.6 10.0

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 42.531 ng

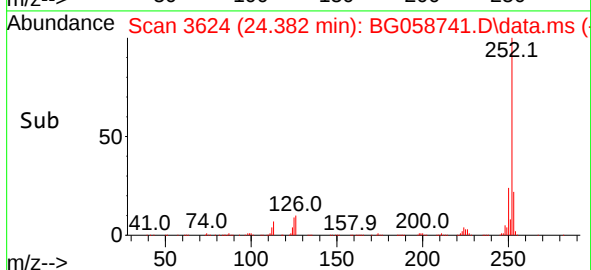
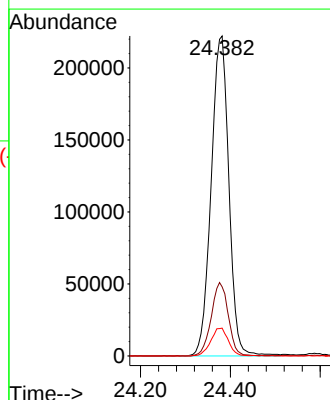
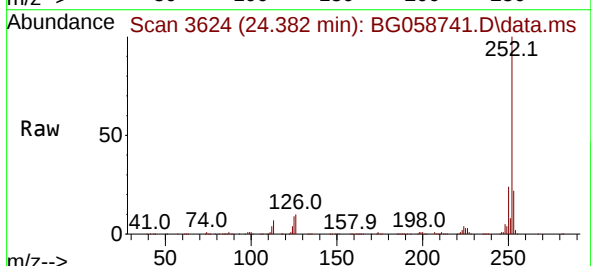
RT: 24.382 min Scan# 3624

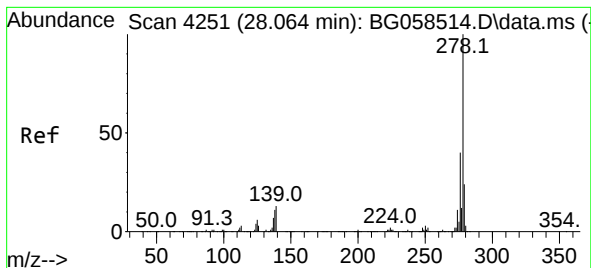
Delta R.T. 0.008 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:252 Resp: 608389
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 8.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.328 ng

RT: 28.071 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Instrument :

BNA_G

ClientSampleId :

PB154790BS

Tgt Ion:278 Resp: 66961

Ion Ratio Lower Upper

278 100

139 11.2 10.4 15.6

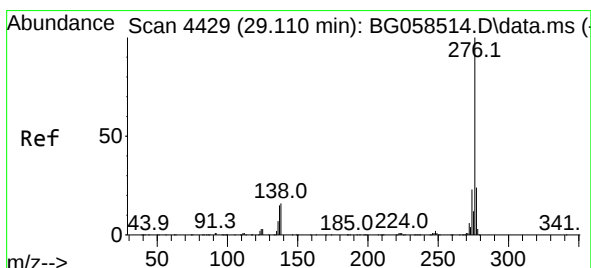
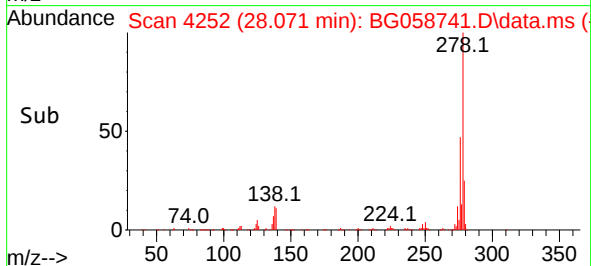
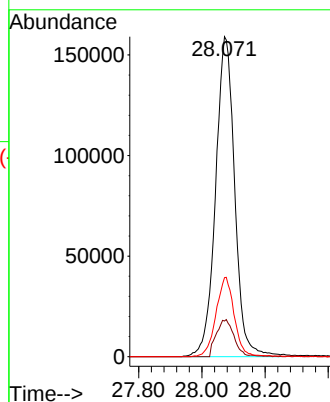
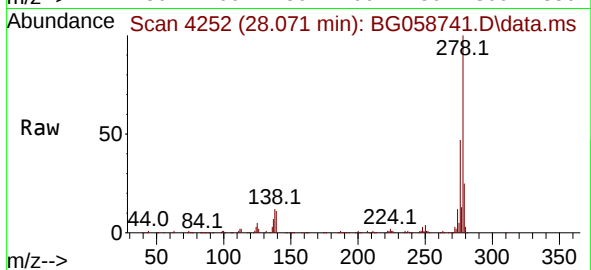
279 24.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#92

Benzo(g,h,i)perylene

Concen: 44.334 ng

RT: 29.117 min Scan# 4430

Delta R.T. 0.008 min

Lab File: BG058741.D

Acq: 16 Aug 2023 9:55

Tgt Ion:276 Resp: 656731

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 15.6 13.0 19.4

