

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058748.D
 Acq On : 16 Aug 2023 14:45
 Operator : MA/JU
 Sample : PB154352BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154352BS

Quant Time: Aug 16 15:18:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	25676	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	114101	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	83954	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	211241	20.000	ng	# 0.00
76) Chrysene-d12	21.450	240	178607	20.000	ng	0.00
86) Perylene-d12	24.528	264	226413	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	267463	159.217	ng	0.00
7) Phenol-d6	6.984	99	368421	157.613	ng	0.00
23) Nitrobenzene-d5	8.976	82	226099	97.345	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	198673	144.378	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	539996	96.390	ng	0.00
79) Terphenyl-d14	19.828	244	1007797	106.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.265	88	29756	36.555	ng	# 85
3) Pyridine	3.659	79	74515	33.576	ng	# 78
4) n-Nitrosodimethylamine	3.582	42	50887	54.117	ng	# 76
6) Aniline	7.137	93	109087	37.905	ng	96
8) 2-Chlorophenol	7.378	128	94212	57.168	ng	98
9) Benzaldehyde	6.949	77	49993	39.366	ng	98
10) Phenol	7.014	94	129137	56.555	ng	93
11) bis(2-Chloroethyl)ether	7.237	93	87030	48.346	ng	94
12) 1,3-Dichlorobenzene	7.695	146	89836	51.050	ng	97
13) 1,4-Dichlorobenzene	7.848	146	92256	52.212	ng	96
14) 1,2-Dichlorobenzene	8.165	146	90615	53.640	ng	98
15) Benzyl Alcohol	8.054	79	96127	64.846	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	188371	64.420	ng	93
17) 2-Methylphenol	8.259	107	88559	53.044	ng	95
18) Hexachloroethane	8.888	117	34121	53.129	ng	92
19) n-Nitroso-di-n-propyla...	8.618	70	76116	50.413	ng	91
20) 3+4-Methylphenols	8.588	107	123329	54.611	ng	99
22) Acetophenone	8.635	105	147520	48.285	ng	96
24) Nitrobenzene	9.017	77	113126	47.909	ng	96
25) Isophorone	9.534	82	224825	46.848	ng	100
26) 2-Nitrophenol	9.728	139	51255	49.866	ng	96
27) 2,4-Dimethylphenol	9.793	122	95923	56.262	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	125531	48.066	ng	99
29) 2,4-Dichlorophenol	10.269	162	96205	54.346	ng	100
30) 1,2,4-Trichlorobenzene	10.474	180	102303	50.111	ng	97
31) Naphthalene	10.662	128	288112	47.909	ng	99
32) Benzoic acid	9.957	122	53013m	41.421	ng	
33) 4-Chloroaniline	10.780	127	71871	28.286	ng	97
34) Hexachlorobutadiene	10.938	225	66626	50.677	ng	99
35) Caprolactam	11.567	113	34958m	53.477	ng	
36) 4-Chloro-3-methylphenol	11.914	107	119130	54.401	ng	99
37) 2-Methylnaphthalene	12.278	142	204190	47.467	ng	98
38) 1-Methylnaphthalene	12.495	142	193224	47.253	ng	98
40) 1,2,4,5-Tetrachloroben...	12.648	216	120935	46.920	ng	99
41) Hexachlorocyclopentadiene	12.625	237	117637	96.708	ng	97
43) 2,4,6-Trichlorophenol	12.895	196	89765	50.634	ng	99

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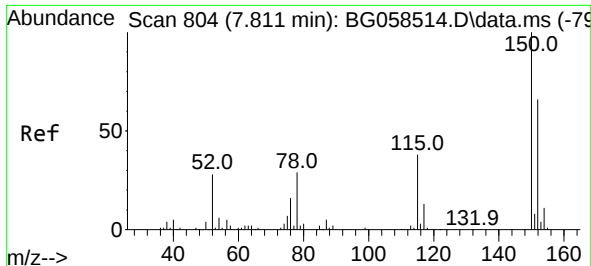
Manual Integrations
 APPROVED

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	97804	46.838	ng	94
46) 1,1'-Biphenyl	13.289	154	278098	48.234	ng	97
47) 2-Chloronaphthalene	13.336	162	220903	49.139	ng	97
48) 2-Nitroaniline	13.547	65	90613	52.809	ng	98
49) Acenaphthylene	14.182	152	364562	48.438	ng	100
50) Dimethylphthalate	13.917	163	313743	49.760	ng	99
51) 2,6-Dinitrotoluene	14.047	165	69420	50.178	ng	96
52) Acenaphthene	14.522	154	210039	48.297	ng	99
53) 3-Nitroaniline	14.376	138	46247	33.412	ng #	96
54) 2,4-Dinitrophenol	14.593	184	75132	94.809	ng	93
55) Dibenzofuran	14.863	168	365569	48.920	ng	99
56) 4-Nitrophenol	14.699	139	107566	103.842	ng #	86
57) 2,4-Dinitrotoluene	14.840	165	101440	52.889	ng	93
58) Fluorene	15.510	166	295158	49.720	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	89573	50.270	ng	97
60) Diethylphthalate	15.280	149	328361	51.120	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	162265	49.028	ng	95
62) 4-Nitroaniline	15.545	138	72071	54.966	ng	93
63) Azobenzene	15.797	77	307263	48.565	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	60467	51.914	ng	97
66) n-Nitrosodiphenylamine	15.721	169	265137	48.224	ng	99
67) 4-Bromophenyl-phenylether	16.397	248	112909	47.125	ng	96
68) Hexachlorobenzene	16.514	284	126316	49.753	ng	98
69) Atrazine	16.673	200	113499	61.152	ng	98
70) Pentachlorophenol	16.861	266	134056	87.236	ng	98
71) Phenanthrene	17.249	178	496310	49.542	ng	98
72) Anthracene	17.343	178	503178	48.951	ng	99
73) Carbazole	17.613	167	461169	50.876	ng	98
74) Di-n-butylphthalate	18.165	149	580712	51.147	ng	99
75) Fluoranthene	19.264	202	600270	49.882	ng	98
77) Benzidine	19.452	184	209211	77.245	ng	97
78) Pyrene	19.628	202	609508	50.144	ng	99
80) Butylbenzylphthalate	20.515	149	258069	51.688	ng	97
81) Benzo(a)anthracene	21.432	228	619735	50.419	ng	98
82) 3,3'-Dichlorobenzidine	21.356	252	182977	44.028	ng	96
83) Chrysene	21.497	228	569382	48.314	ng	99
84) Bis(2-ethylhexyl)phtha...	21.332	149	372677	51.078	ng	98
85) Di-n-octyl phthalate	22.484	149	656381	51.169	ng	97
87) Indeno(1,2,3-cd)pyrene	28.030	276	775057	51.456	ng #	88
88) Benzo(b)fluoranthene	23.547	252	663152	54.002	ng	99
89) Benzo(k)fluoranthene	23.612	252	644352	52.231	ng	99
90) Benzo(a)pyrene	24.381	252	589387	48.872	ng	100
91) Dibenzo(a,h)anthracene	28.089	278	646124	51.878	ng	98
92) Benzo(g,h,i)perylene	29.123	276	627980	50.283	ng	98

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



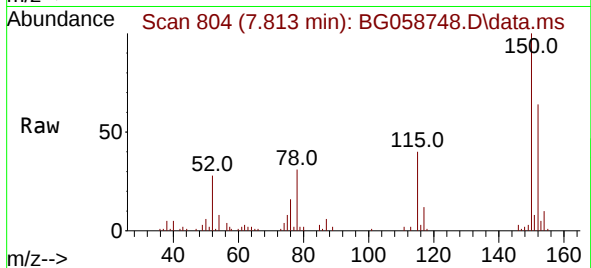
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG058748.D
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BNA_G

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PB154352BS

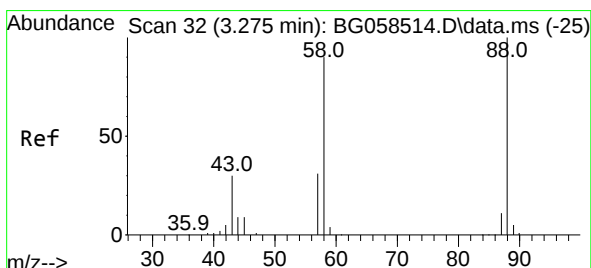
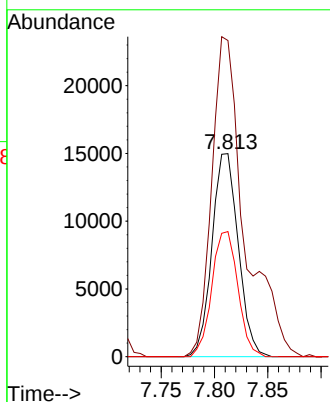
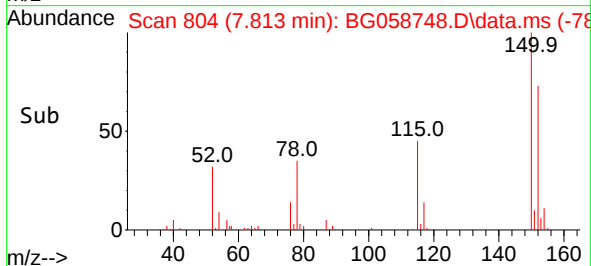


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Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 61.7 45.9 68.9

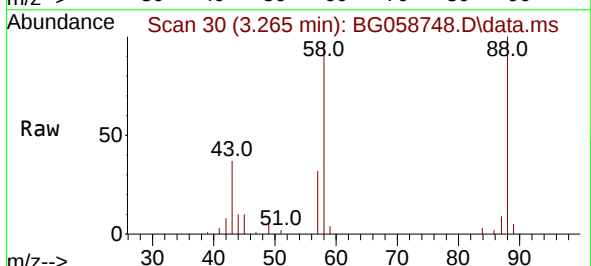
Manual Integrations

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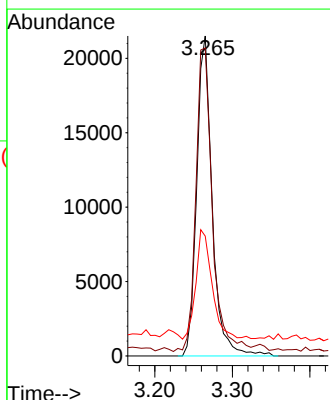
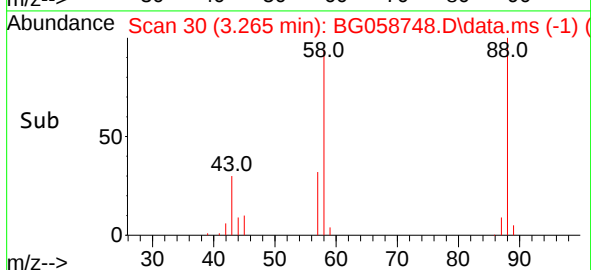
Reviewed By :Yogesh Patel 08/17/2023
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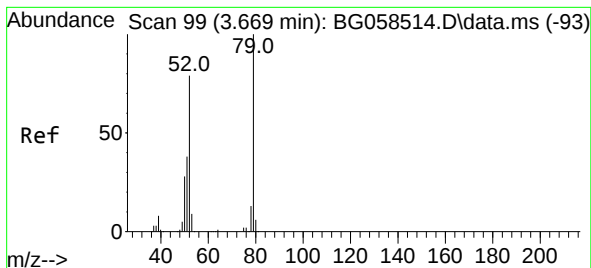


#2
1,4-Dioxane
Concen: 36.555 ng
RT: 3.265 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion: 88 Resp: 29756
Ion Ratio Lower Upper
88 100
58 100.4 68.9 103.3
43 35.8 22.9 34.3#





#3

Pyridine

Concen: 33.576 ng

RT: 3.659 min Scan# 91

Delta R.T. -0.010 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

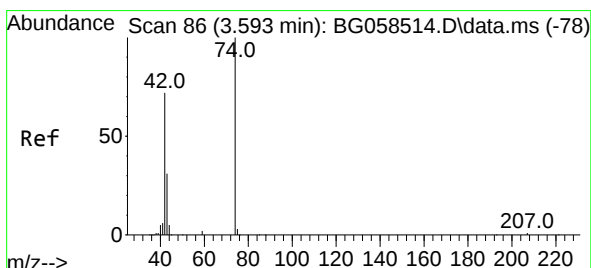
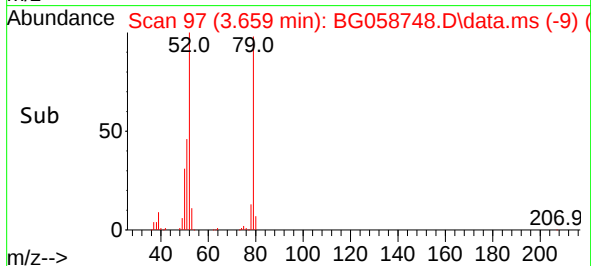
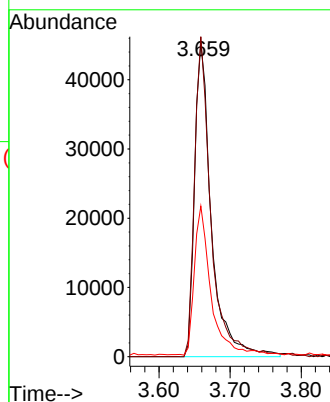
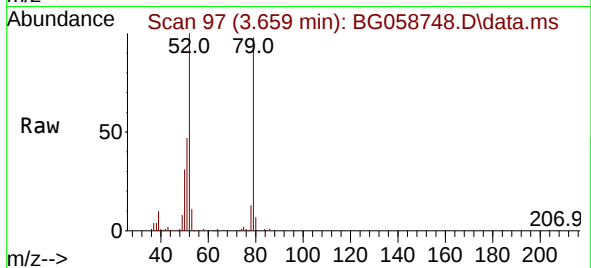
Tgt Ion:	79	Resp:	7451
Ion Ratio	Lower	Upper	
79	100		
52	102.0	63.2	94.8
51	48.0	31.9	47.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 54.117 ng

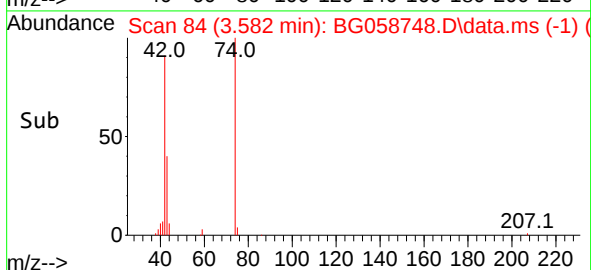
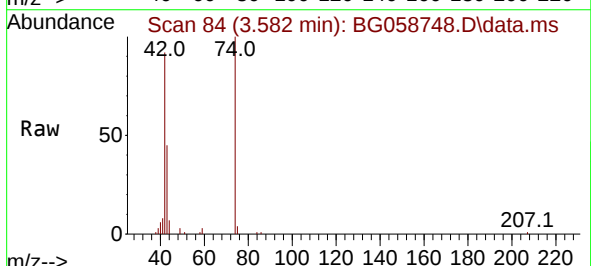
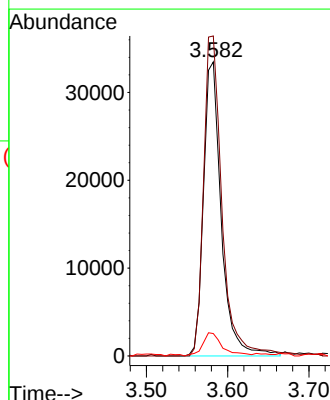
RT: 3.582 min Scan# 84

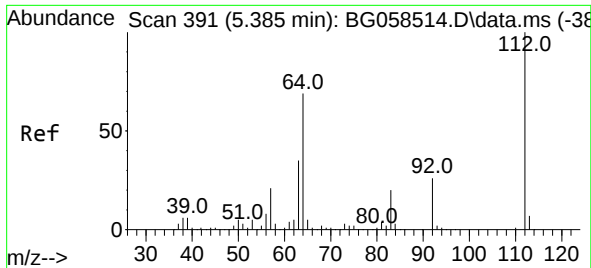
Delta R.T. -0.010 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Tgt Ion:	42	Resp:	50887
Ion Ratio	Lower	Upper	
42	100		
74	108.8	111.5	167.3
44	7.6	5.4	8.2





#5
2-Fluorophenol
Concen: 159.217 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

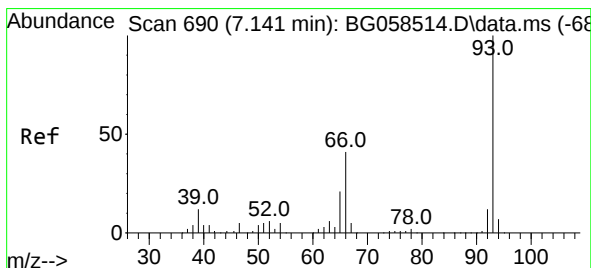
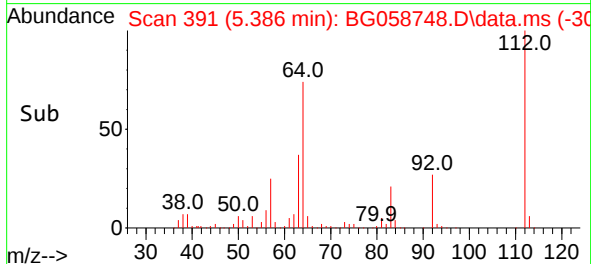
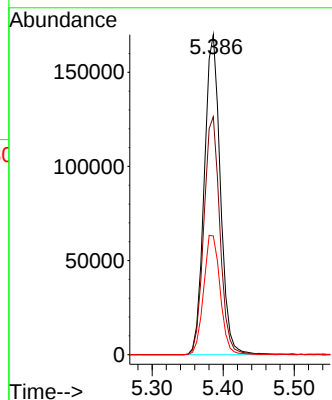
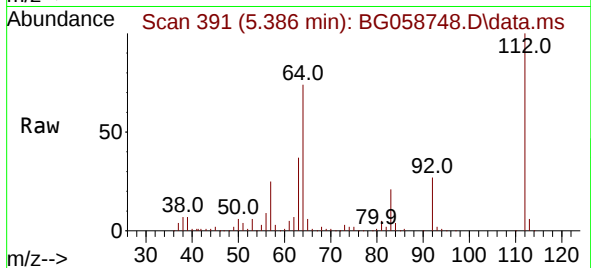
ClientSampleId :

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Tgt Ion:112 Resp: 26746
Ion Ratio Lower Upper
112 100
64 74.4 55.3 82.9
63 37.1 28.3 42.5

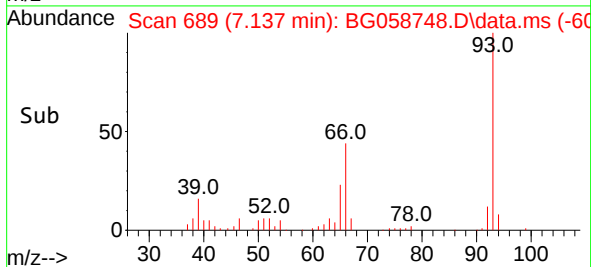
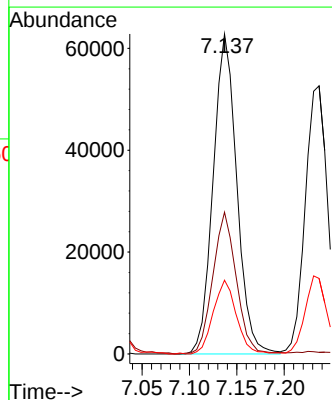
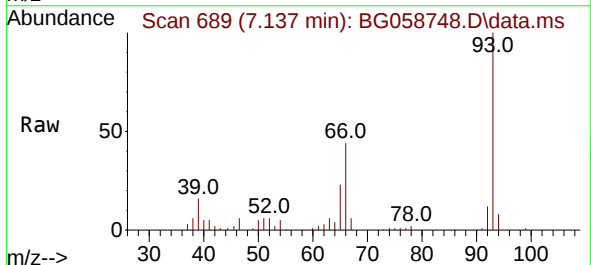
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#6
Aniline
Concen: 37.905 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion: 93 Resp: 109087
Ion Ratio Lower Upper
93 100
66 44.3 33.1 49.7
65 23.0 17.0 25.4





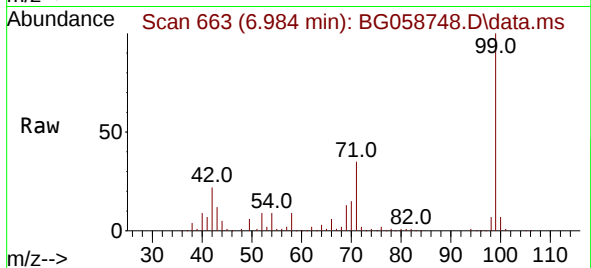
#7
Phenol-d6
Concen: 157.613 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

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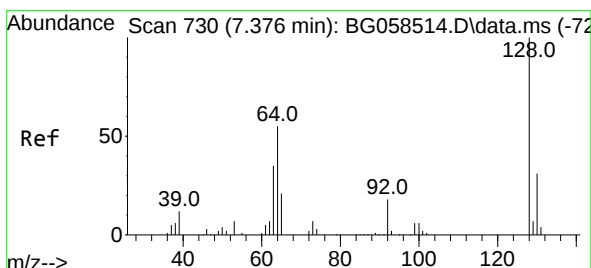
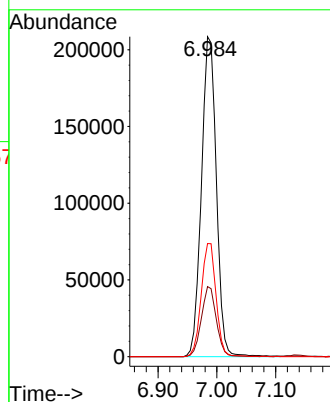
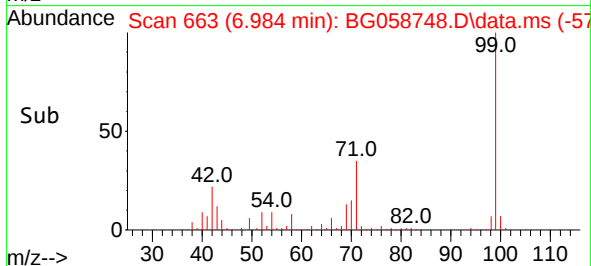
Tgt Ion: 99 Resp: 36842
Ion Ratio Lower Upper
99 100
42 21.9 14.6 21.8
71 35.3 25.0 37.4

Manual Integrations

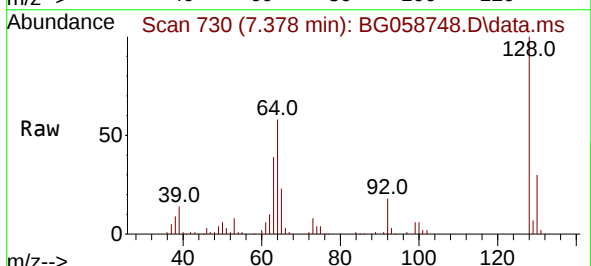
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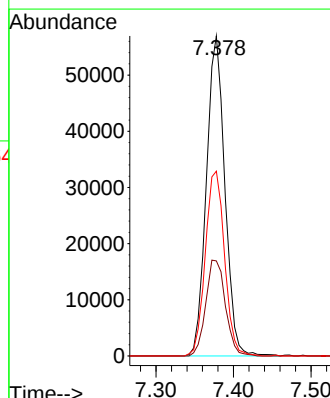
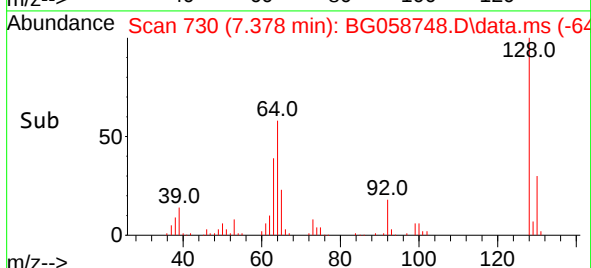
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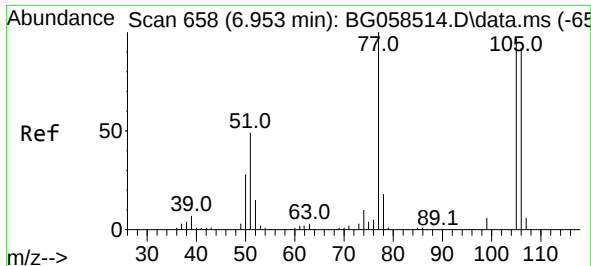


#8
2-Chlorophenol
Concen: 57.168 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:128 Resp: 94212
Ion Ratio Lower Upper
128 100
130 29.7 10.9 50.9
64 57.7 39.0 79.0





#9
Benzaldehyde
Concen: 39.366 ng
RT: 6.949 min Scan# 657
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

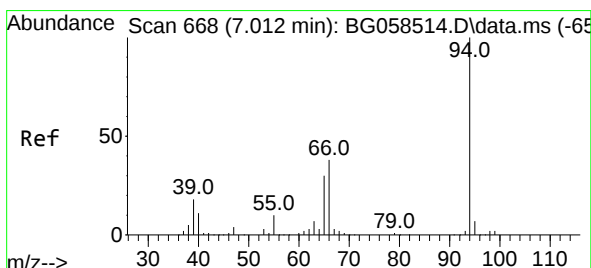
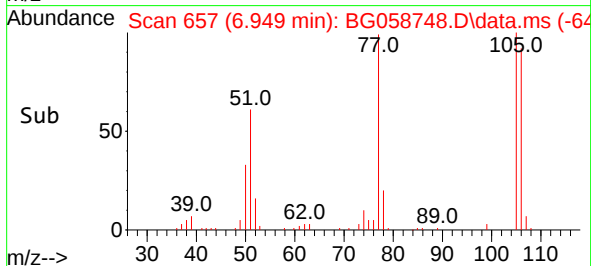
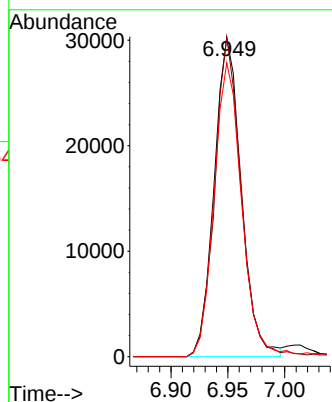
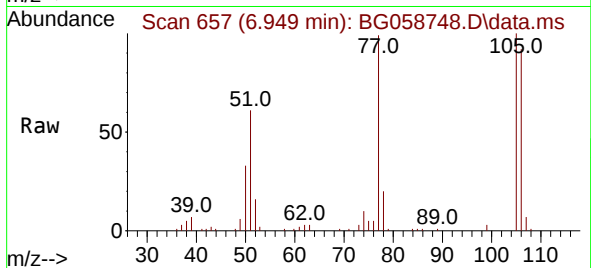
PB154352BS

Tgt Ion: 77 Resp: 4999
Ion Ratio Lower Upper
77 100
105 100.5 77.1 117.1
106 92.3 71.6 111.6

Manual Integrations

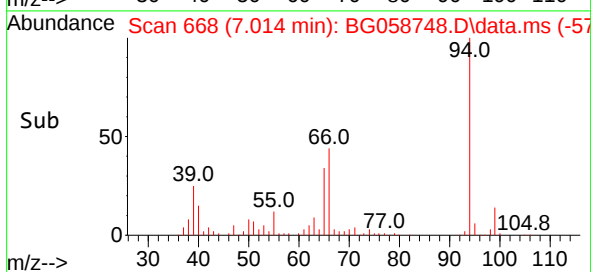
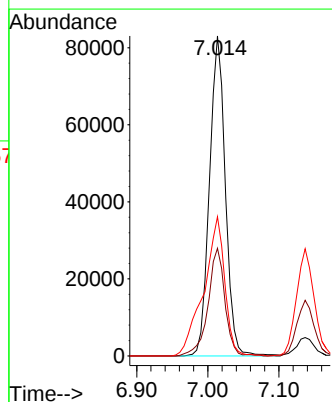
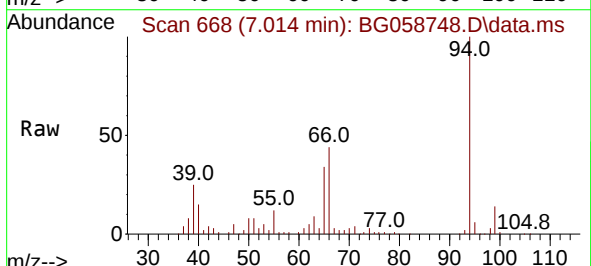
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#10
Phenol
Concen: 56.555 ng
RT: 7.014 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion: 94 Resp: 129137
Ion Ratio Lower Upper
94 100
65 33.6 10.4 50.4
66 43.5 18.7 58.7





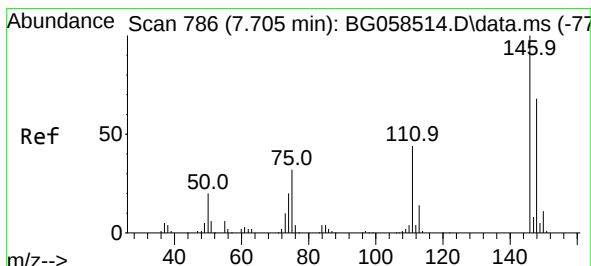
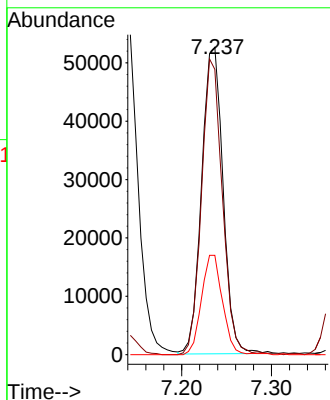
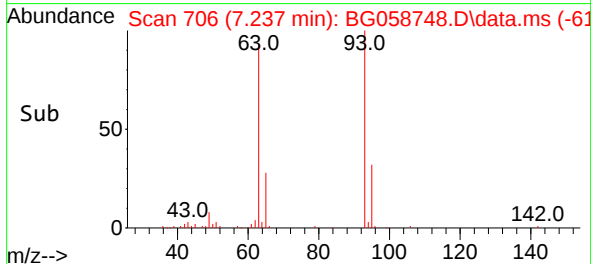
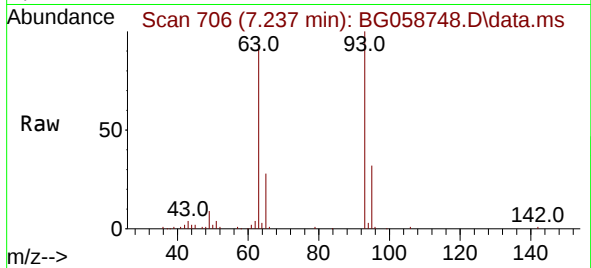
#11
bis(2-Chloroethyl)ether
Concen: 48.346 ng
RT: 7.237 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :
BNA_G
ClientSampleId :
PB154352BS

Tgt Ion: 93 Resp: 87030
Ion Ratio Lower Upper
93 100
63 92.8 65.5 105.5
95 32.4 11.2 51.2

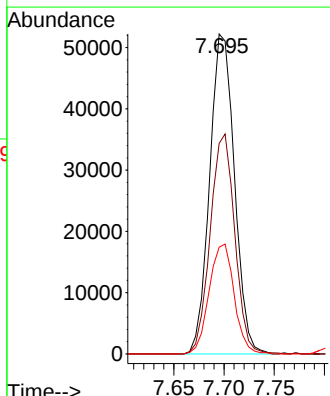
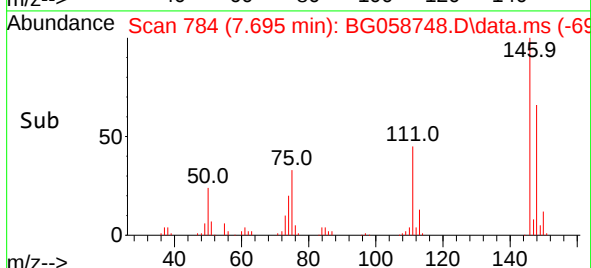
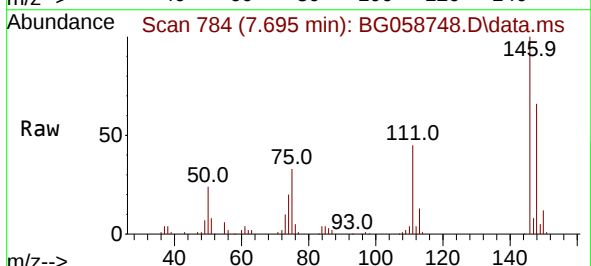
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 51.050 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.010 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:146 Resp: 89836
Ion Ratio Lower Upper
146 100
148 65.8 54.7 82.1
75 33.4 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.212 ng

RT: 7.848 min Scan# 811

Delta R.T. -0.004 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

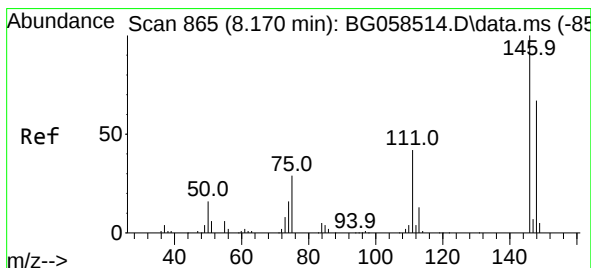
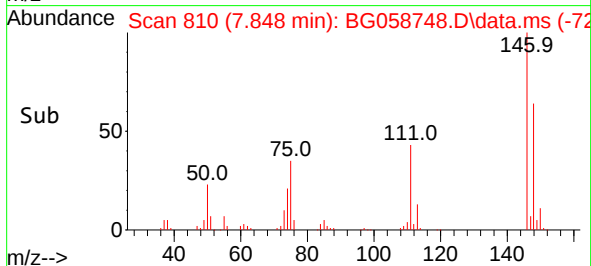
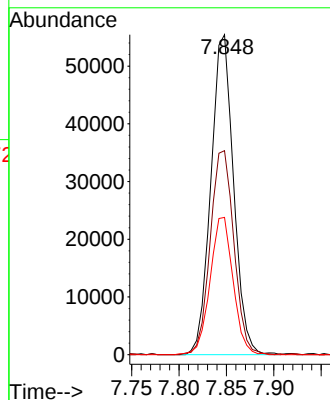
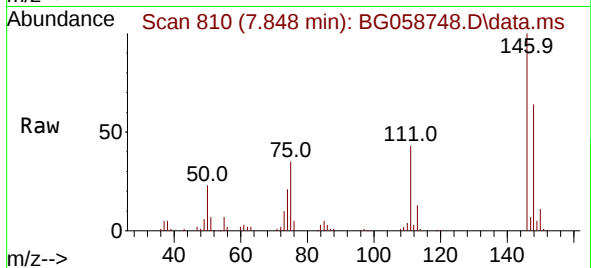
Tgt Ion:146	Resp:	92250
Ion Ratio	Lower	Upper
146	100	
148	63.8	52.8 79.2
111	42.9	31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 53.640 ng

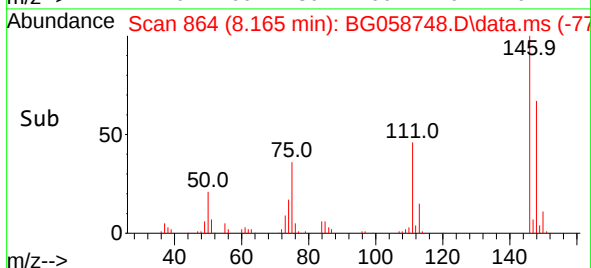
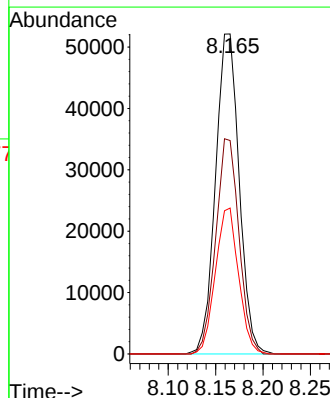
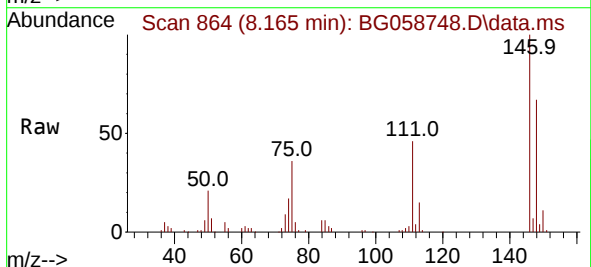
RT: 8.165 min Scan# 864

Delta R.T. -0.004 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Tgt Ion:146	Resp:	90615
Ion Ratio	Lower	Upper
146	100	
148	66.7	53.4 80.2
111	45.6	34.2 51.2





#15
Benzyl Alcohol
Concen: 64.846 ng
RT: 8.054 min Scan# 846
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

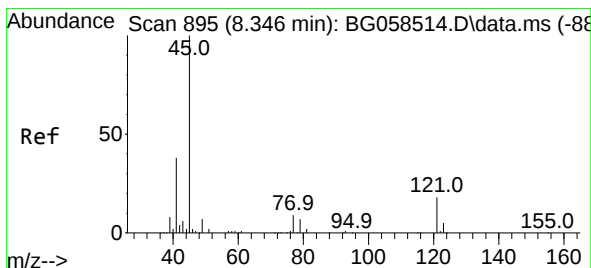
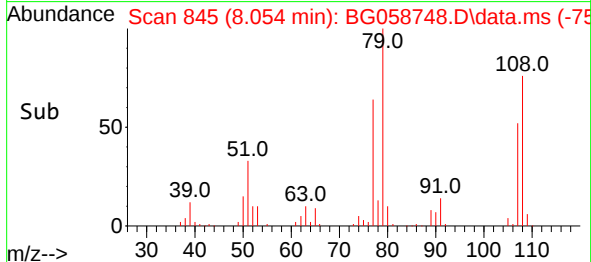
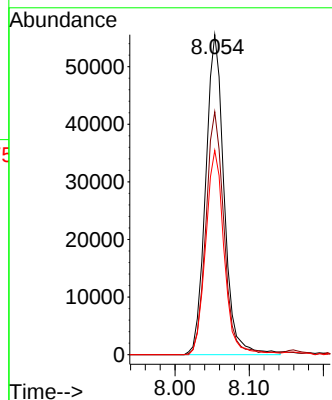
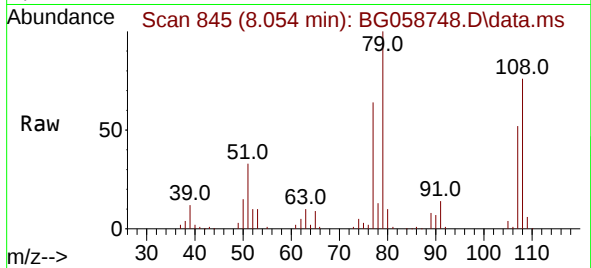
ClientSampleId :

PB154352BS

Tgt Ion: 79 Resp: 9612
Ion Ratio Lower Upper
79 100
108 75.9 63.8 95.6
77 63.8 49.8 74.6

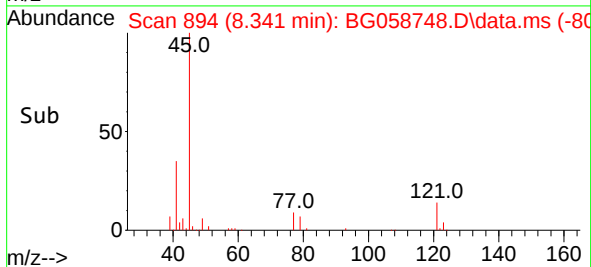
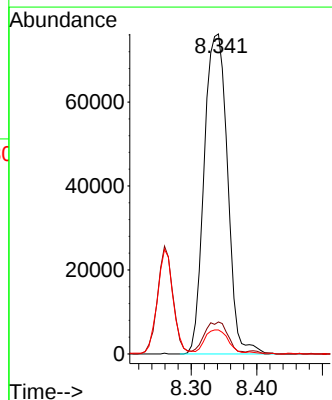
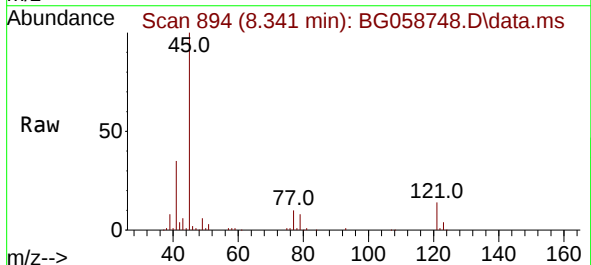
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 64.420 ng
RT: 8.341 min Scan# 894
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

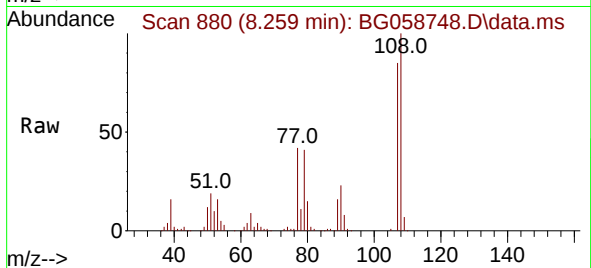
Tgt Ion: 45 Resp: 188371
Ion Ratio Lower Upper
45 100
77 10.0 0.0 32.6
79 7.5 0.0 30.2





#17
2-Methylphenol
Concen: 53.044 ng
RT: 8.259 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

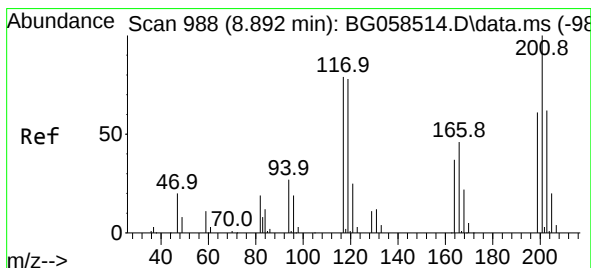
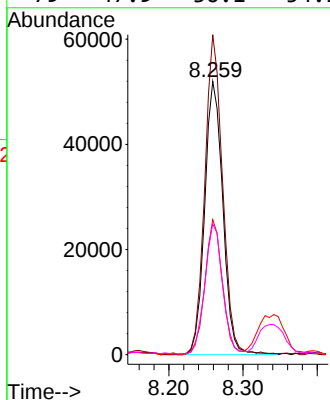
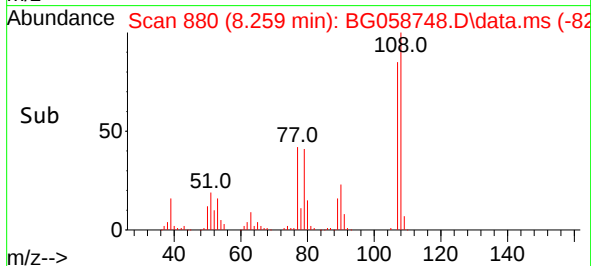
Instrument :
BNA_G
ClientSampleId :
PB154352BS



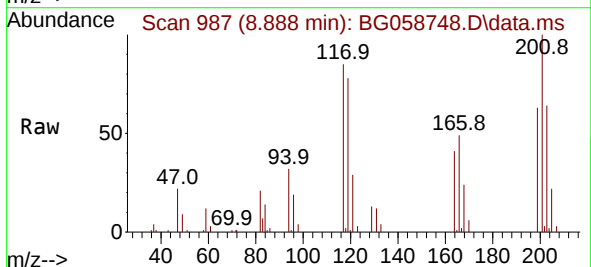
Tgt Ion:107 Resp: 8855
Ion Ratio Lower Upper
107 100
108 117.1 89.1 133.7
77 49.4 36.2 54.4
79 47.9 36.1 54.1

Manual Integrations
APPROVED

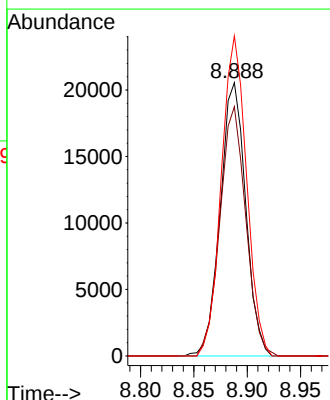
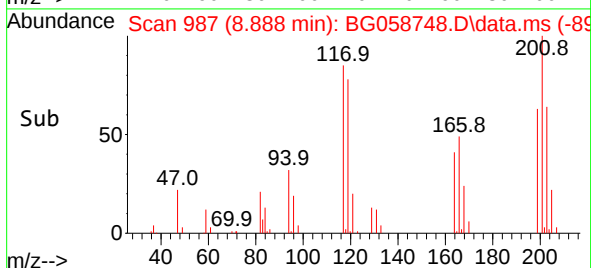
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

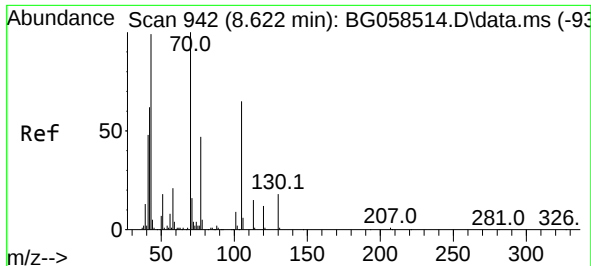


#18
Hexachloroethane
Concen: 53.129 ng
RT: 8.888 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:117 Resp: 34121
Ion Ratio Lower Upper
117 100
119 91.2 78.6 117.8
201 117.1 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.413 ng
RT: 8.618 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

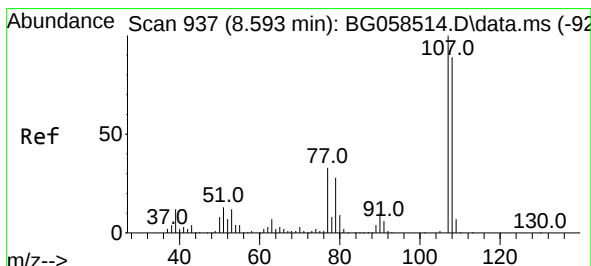
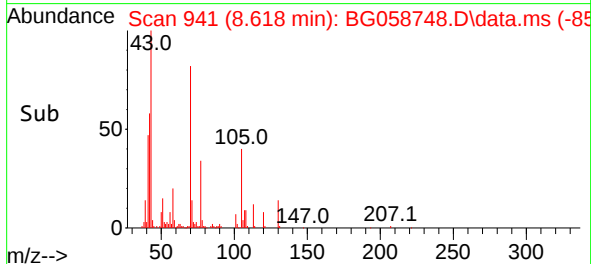
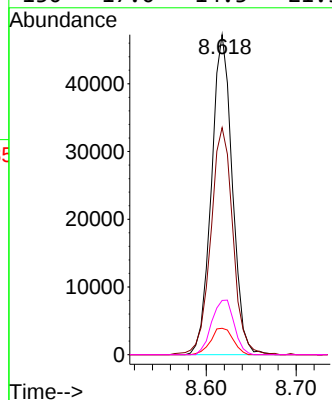
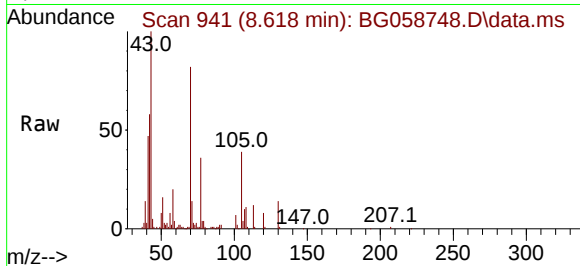
ClientSampleId :

PB154352BS

Tgt Ion: 70 Resp: 76110
Ion Ratio Lower Upper
70 100
42 70.9 49.7 74.5
101 8.2 7.0 10.4
130 17.0 14.3 21.5

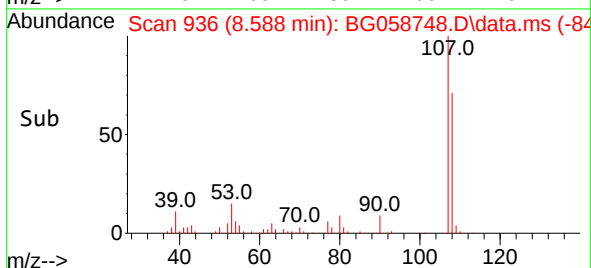
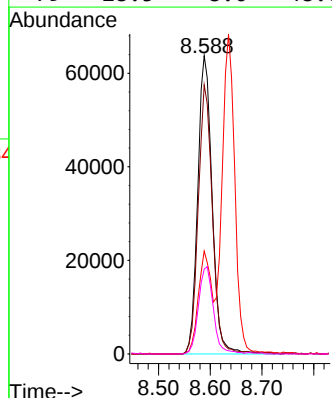
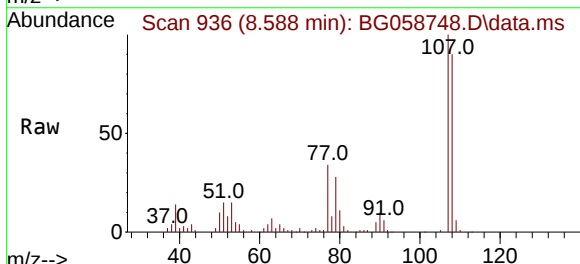
Manual Integrations
APPROVED

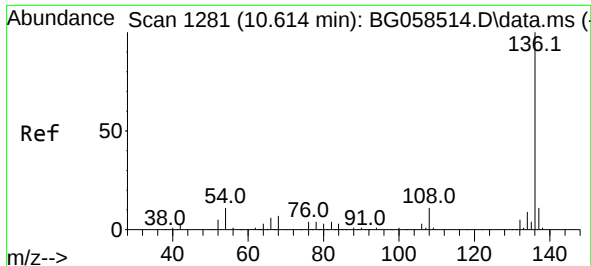
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#20
3+4-Methylphenols
Concen: 54.611 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:107 Resp: 123329
Ion Ratio Lower Upper
107 100
108 90.2 69.4 109.4
77 34.5 13.0 53.0
79 28.5 8.0 48.0





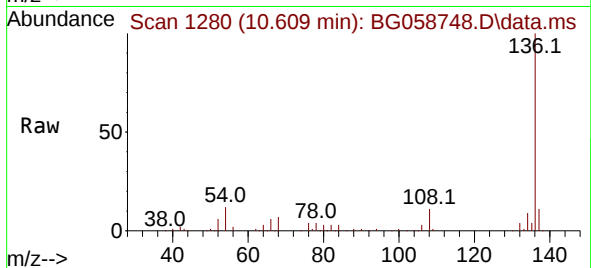
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS



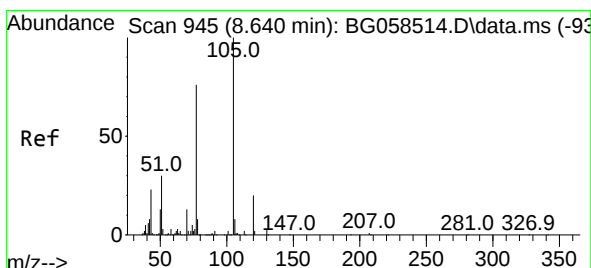
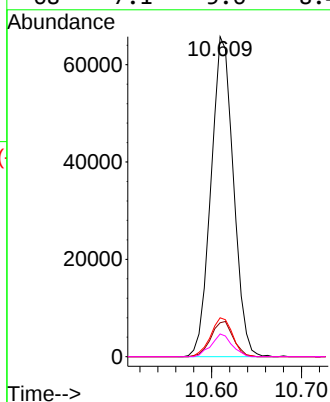
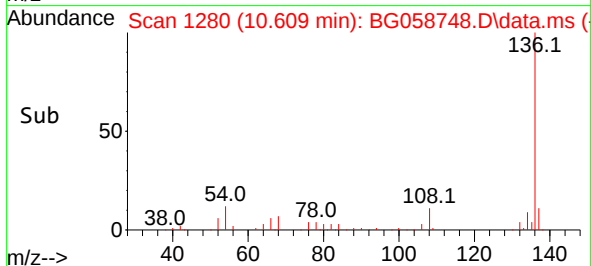
Tgt Ion:136 Resp: 11410
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 12.2 8.9 13.3
68 7.1 5.6 8.4

Manual Integrations

APPROVED

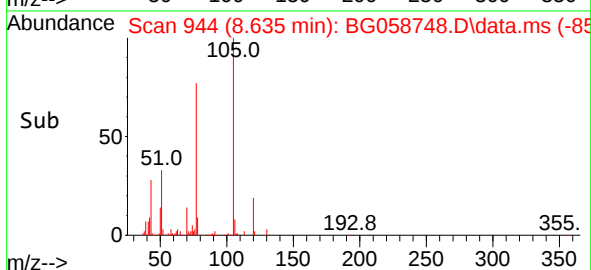
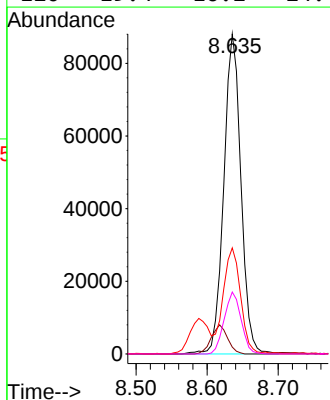
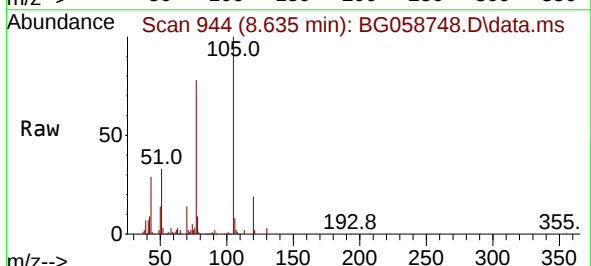
Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#22
Acetophenone
Concen: 48.285 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:105 Resp: 147520
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 33.1 24.2 36.2
120 19.4 16.2 24.4





#23
Nitrobenzene-d5
Concen: 97.345 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

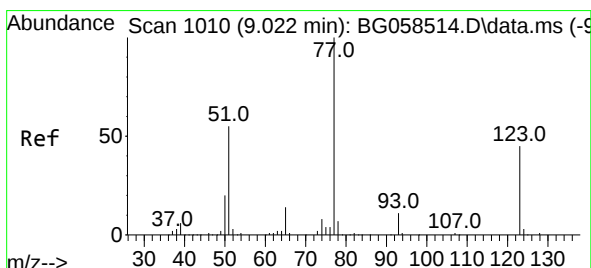
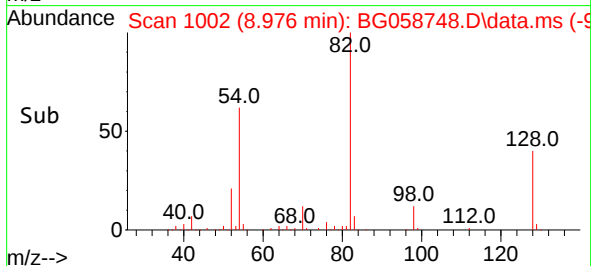
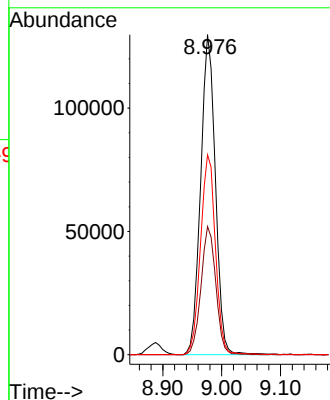
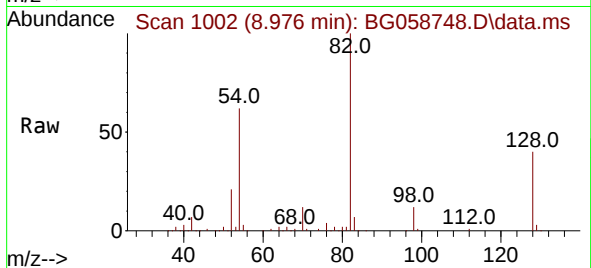
PB154352BS

Tgt Ion: 82 Resp: 226099
Ion Ratio Lower Upper
82 100
128 40.1 32.2 48.2
54 62.4 46.0 69.0

Manual Integrations

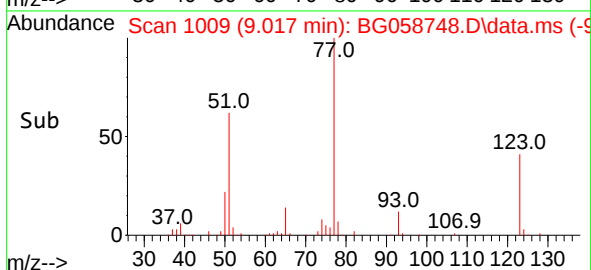
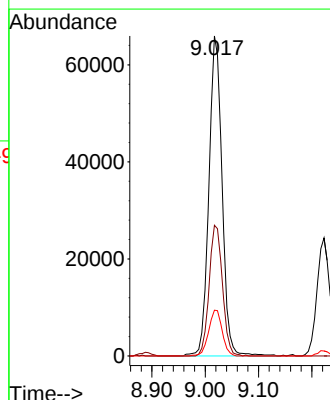
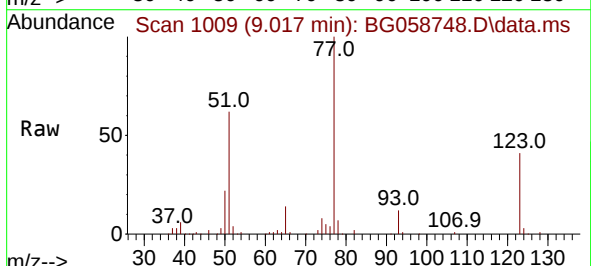
APPROVED

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



#24
Nitrobenzene
Concen: 47.909 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion: 77 Resp: 113126
Ion Ratio Lower Upper
77 100
123 40.9 35.6 53.4
65 14.3 11.4 17.0





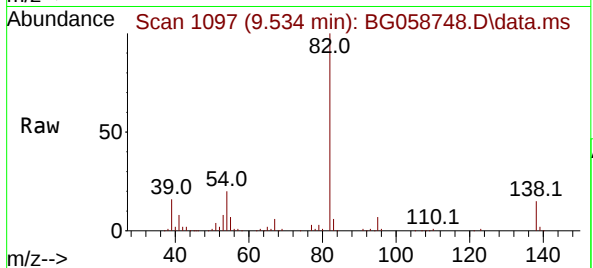
#25
Isophorone
Concen: 46.848 ng
RT: 9.534 min Scan# 1100
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

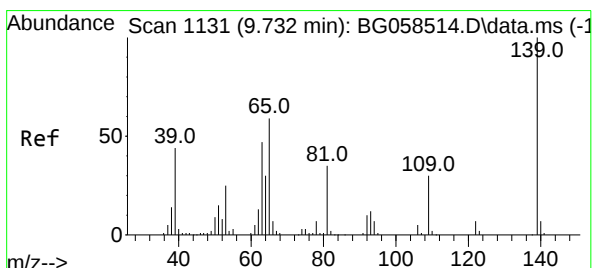
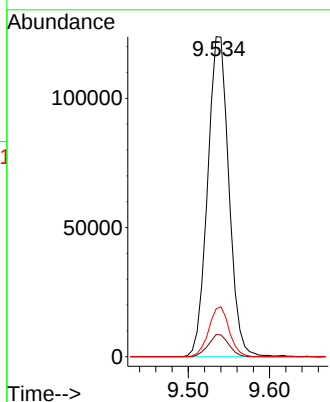
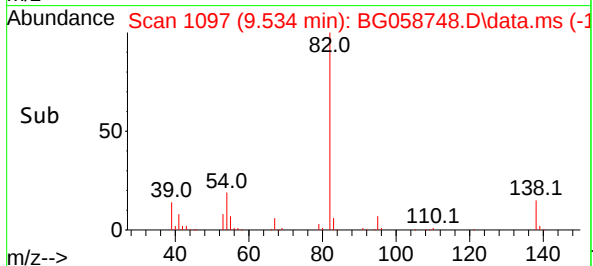


Tgt Ion: 82 Resp: 224825
Ion Ratio Lower Upper
82 100
95 6.9 5.1 7.7
138 14.9 11.9 17.9

Manual Integrations

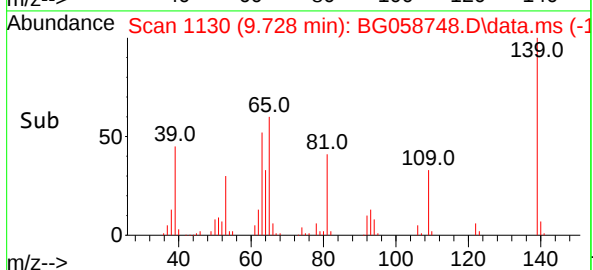
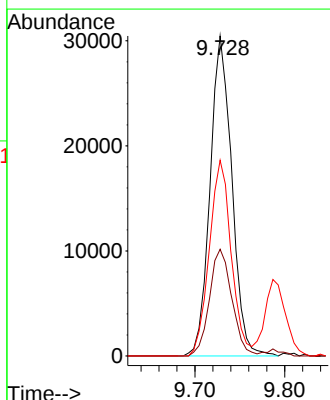
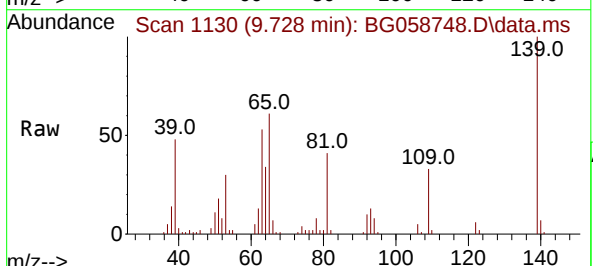
APPROVED

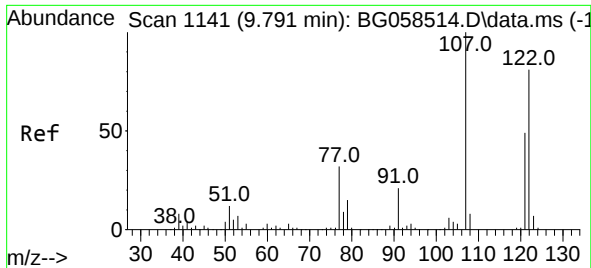
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#26
2-Nitrophenol
Concen: 49.866 ng
RT: 9.728 min Scan# 1130
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:139 Resp: 51255
Ion Ratio Lower Upper
139 100
109 33.3 24.2 36.2
65 61.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 56.262 ng

RT: 9.793 min Scan# 1141

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

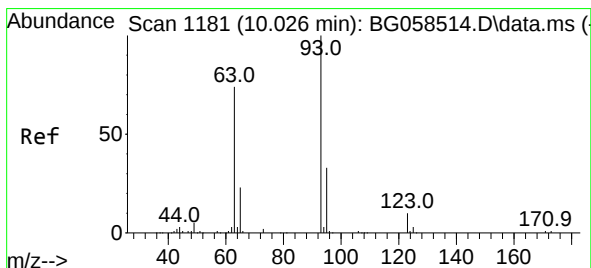
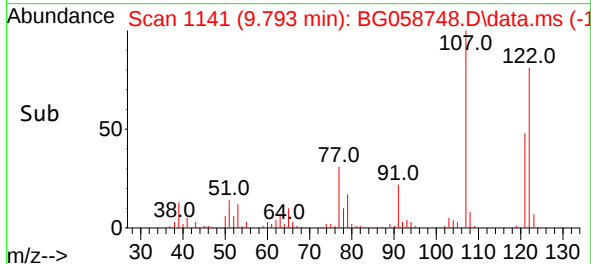
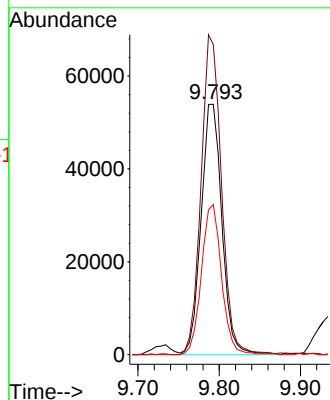
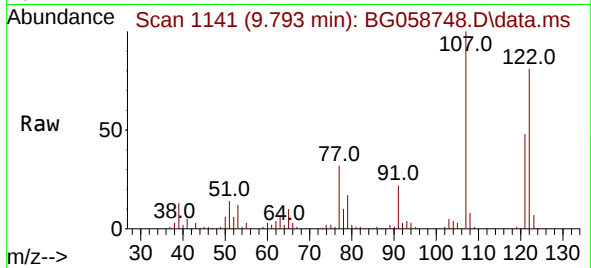
Tgt Ion:122 Resp: 95923
 Ion Ratio Lower Upper
 122 100
 107 123.9 98.0 147.0
 121 59.9 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.066 ng

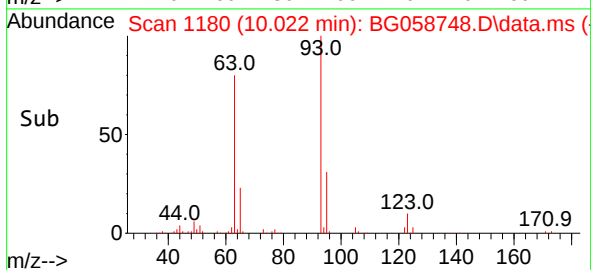
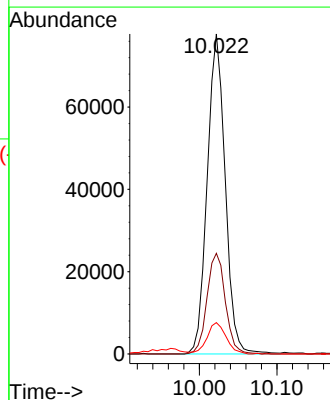
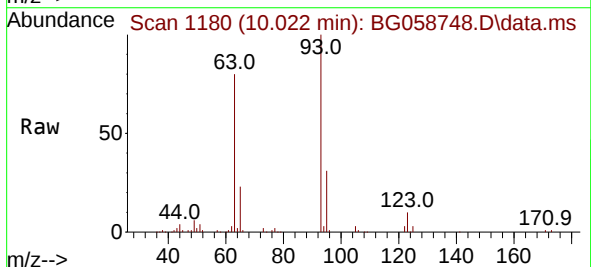
RT: 10.022 min Scan# 1180

Delta R.T. -0.004 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

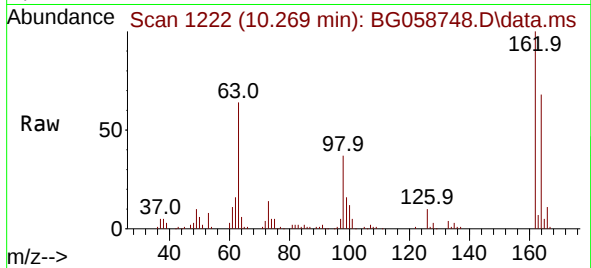
Tgt Ion: 93 Resp: 125531
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.0 39.0
 123 9.8 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 54.346 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

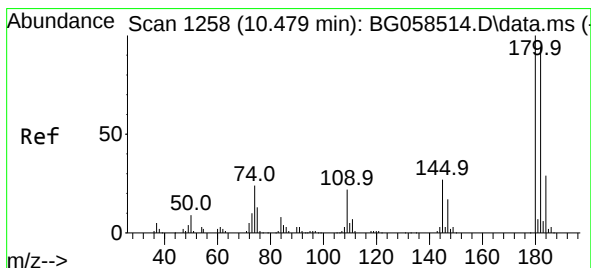
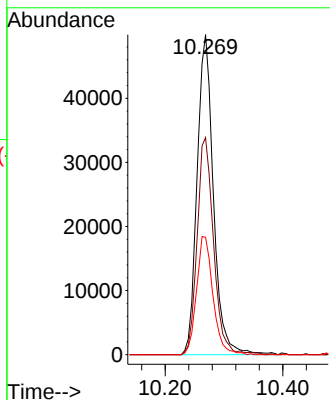
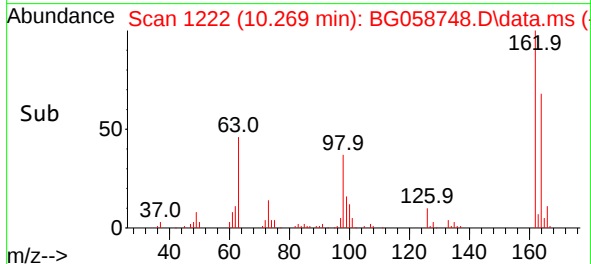
Instrument :
BNA_G
ClientSampleId :
PB154352BS



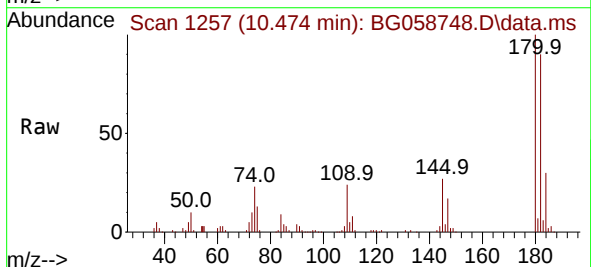
Tgt Ion:162 Resp: 9620
Ion Ratio Lower Upper
162 100
164 67.8 47.6 87.6
98 36.7 17.1 57.1

Manual Integrations
APPROVED

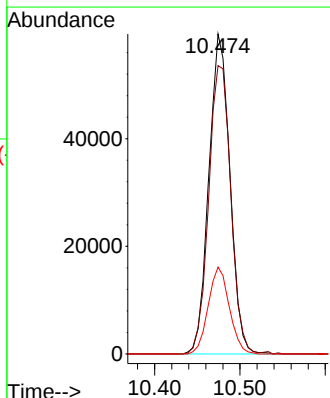
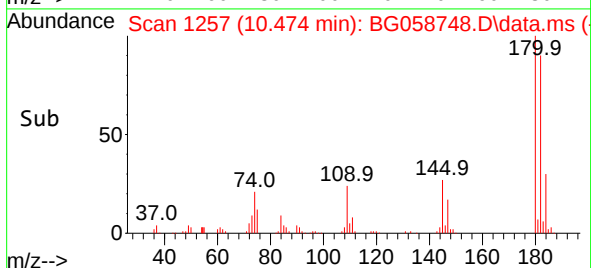
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

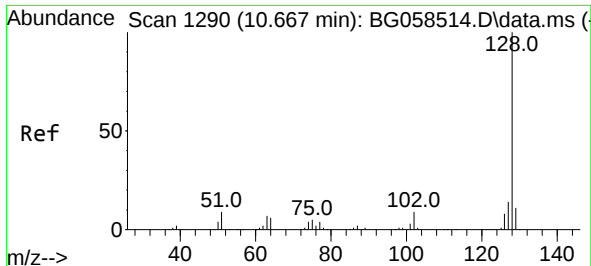


#30
1,2,4-Trichlorobenzene
Concen: 50.111 ng
RT: 10.474 min Scan# 1257
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:180 Resp: 102303
Ion Ratio Lower Upper
180 100
182 90.1 75.0 112.4
145 27.1 21.9 32.9





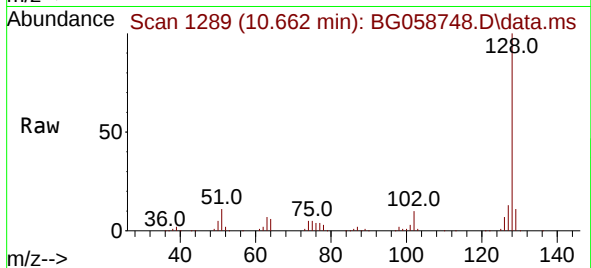
#31
Naphthalene
Concen: 47.909 ng
RT: 10.662 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

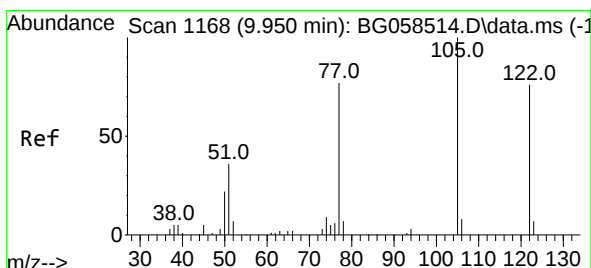
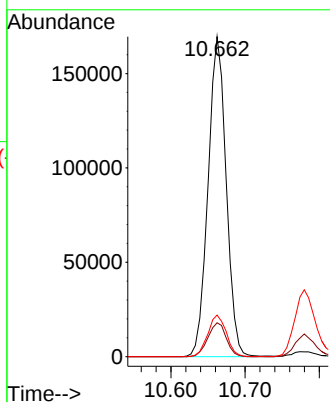
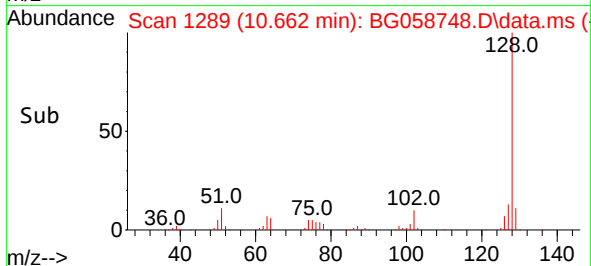


Tgt Ion:128 Resp: 28811
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.0 10.9 16.3

Manual Integrations

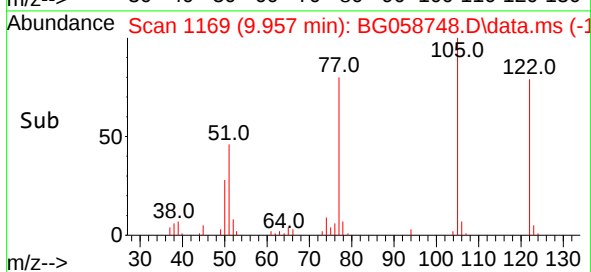
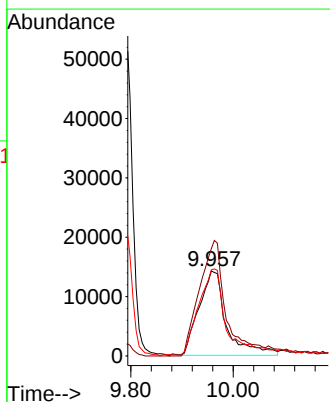
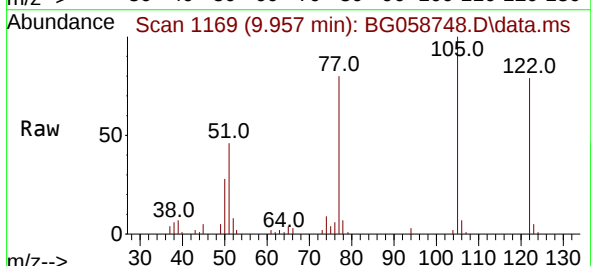
APPROVED

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



#32
Benzoic acid
Concen: 41.421 ng m
RT: 9.957 min Scan# 1169
Delta R.T. 0.007 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:122 Resp: 53013
Ion Ratio Lower Upper
122 100
105 126.3 106.5 146.5
77 101.4 78.1 118.1





#33
4-Chloroaniline
Concen: 28.286 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

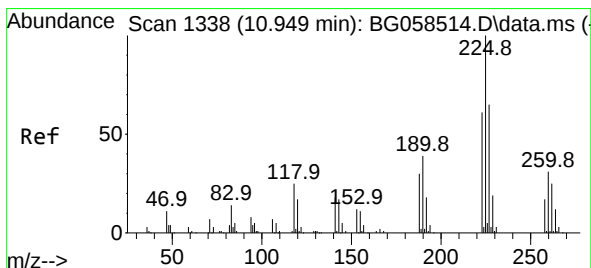
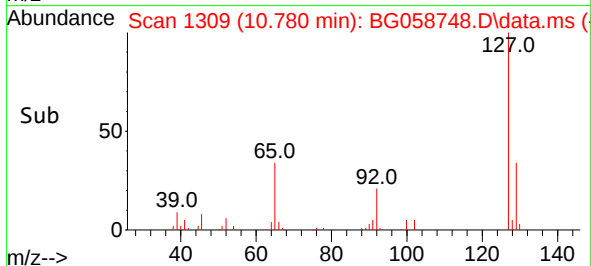
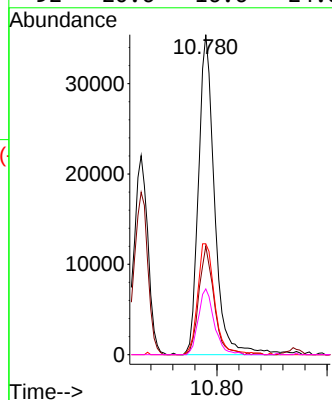
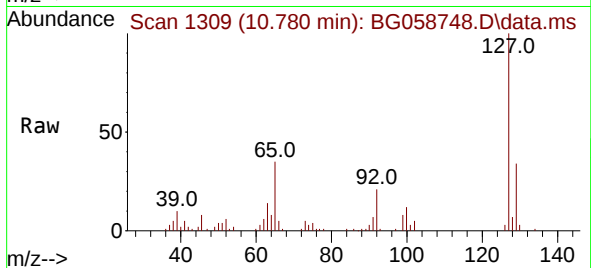
PB154352BS

Tgt Ion:127 Resp: 7187
Ion Ratio Lower Upper
127 100
129 33.9 25.4 38.2
65 34.7 29.5 44.3
92 20.6 16.6 24.8

Manual Integrations

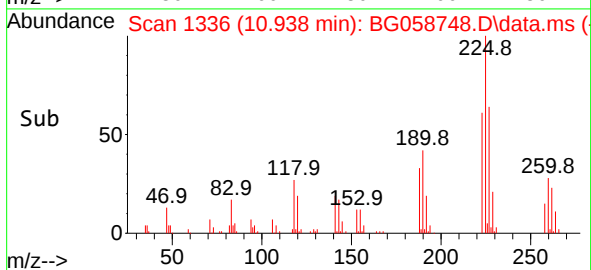
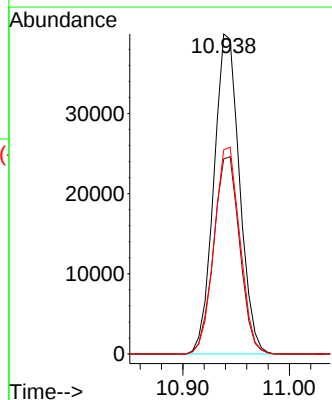
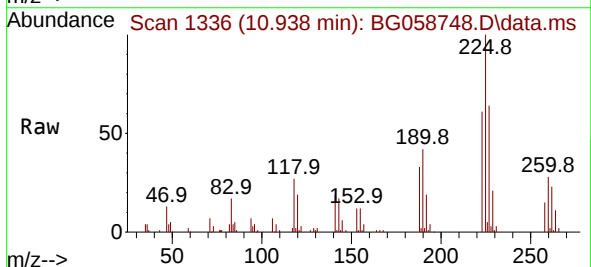
APPROVED

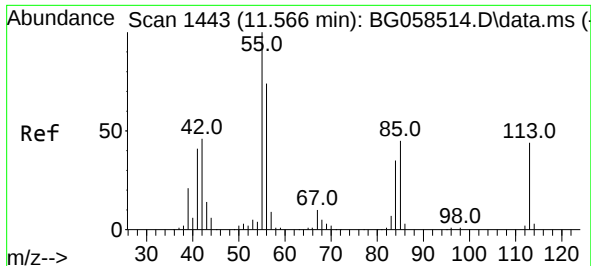
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#34
Hexachlorobutadiene
Concen: 50.677 ng
RT: 10.938 min Scan# 1336
Delta R.T. -0.010 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:225 Resp: 66626
Ion Ratio Lower Upper
225 100
223 61.0 49.0 73.6
227 63.8 51.7 77.5





#35
 Caprolactam
 Concen: 53.477 ng m
 RT: 11.567 min Scan# 1443
 Delta R.T. 0.001 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

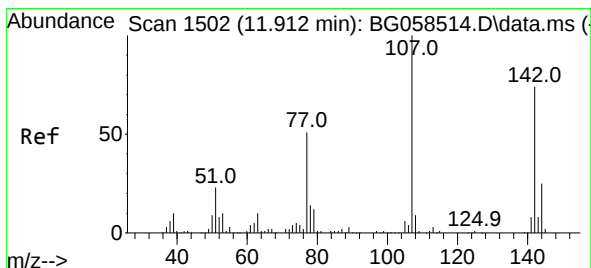
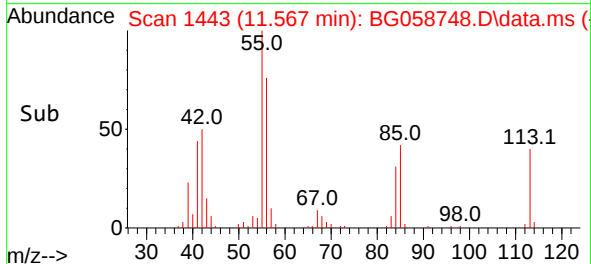
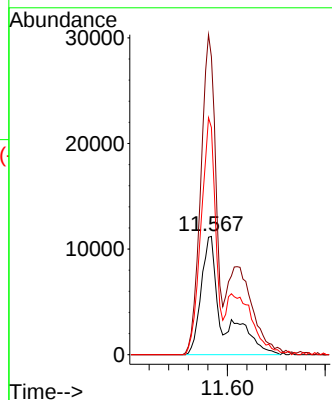
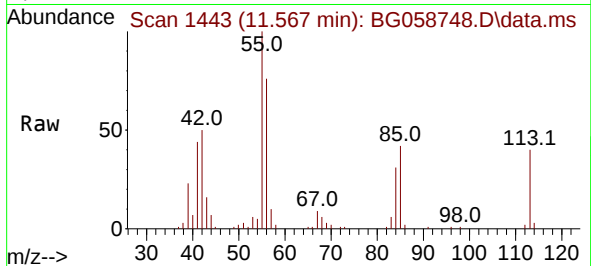
PB154352BS

Tgt Ion:113 Resp: 34958
 Ion Ratio Lower Upper
 113 100
 55 251.8 208.0 248.0
 56 192.0 148.6 188.6

Manual Integrations

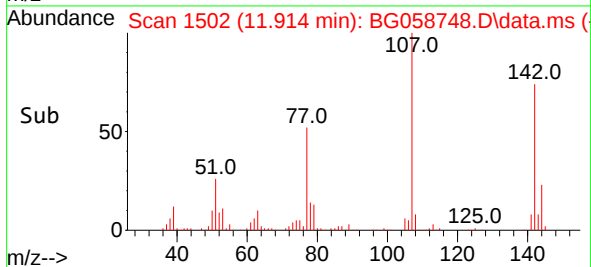
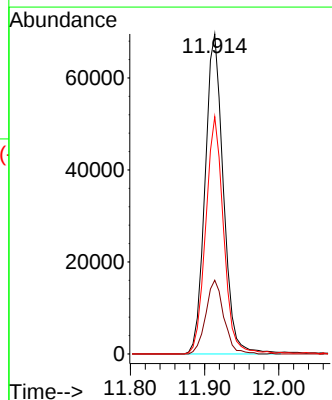
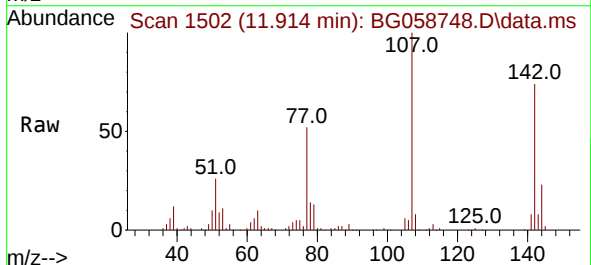
APPROVED

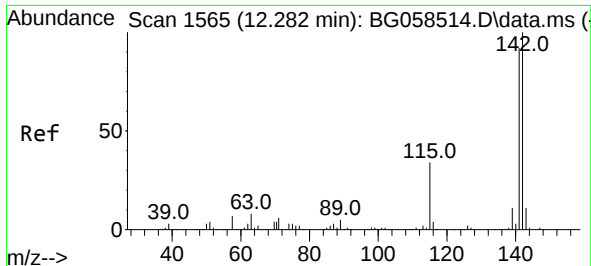
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023



#36
 4-Chloro-3-methylphenol
 Concen: 54.401 ng
 RT: 11.914 min Scan# 1502
 Delta R.T. 0.001 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45

Tgt Ion:107 Resp: 119130
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.6 29.4
 142 74.2 59.3 88.9





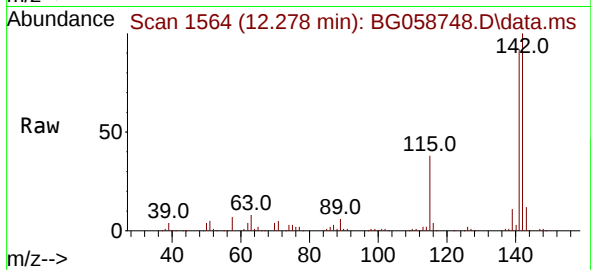
#37
2-Methylnaphthalene
Concen: 47.467 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

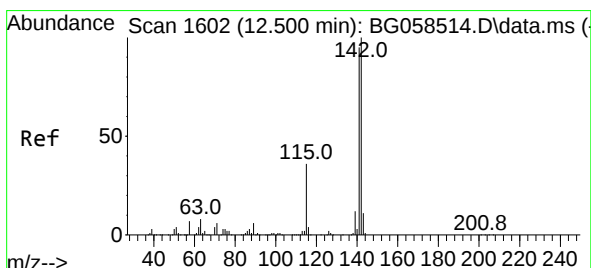
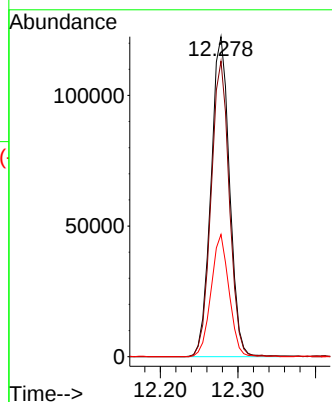
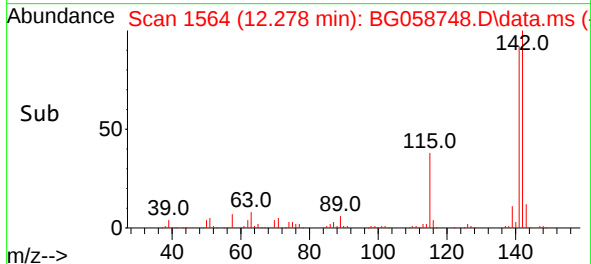


Tgt Ion:142 Resp: 204190
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3
115 38.2 27.4 41.0

Manual Integrations

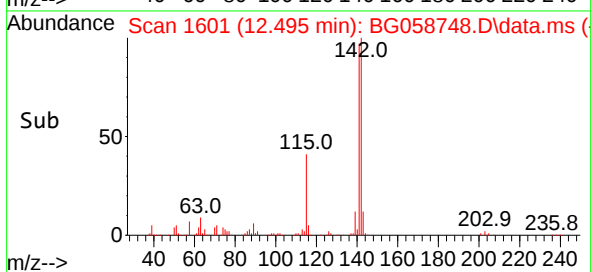
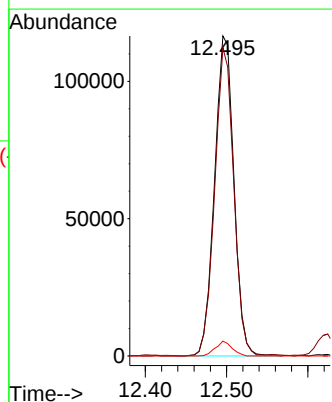
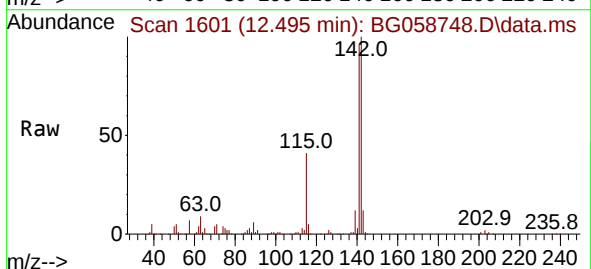
APPROVED

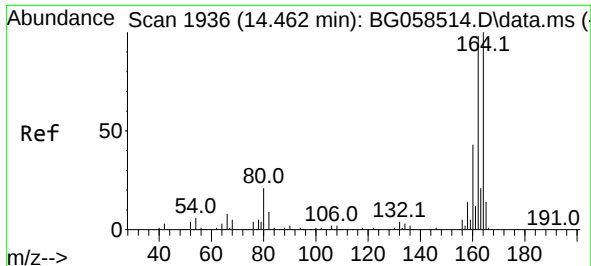
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 47.253 ng
RT: 12.495 min Scan# 1601
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:142 Resp: 193224
Ion Ratio Lower Upper
142 100
141 96.3 75.7 113.5
116 4.7 3.2 4.8





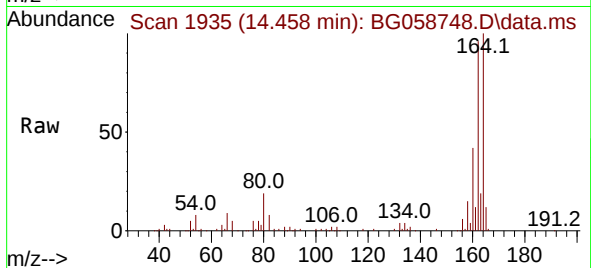
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

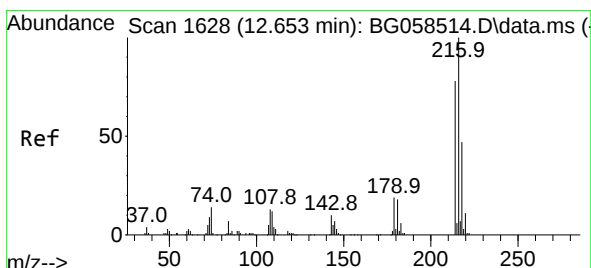
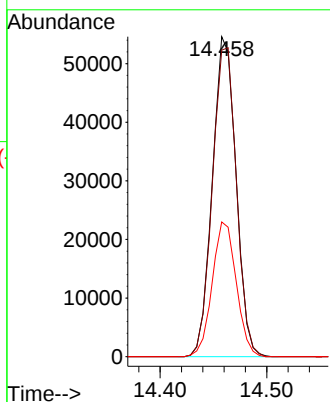
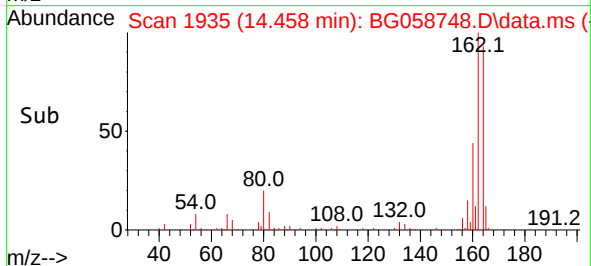


Tgt Ion:164 Resp: 83954
Ion Ratio Lower Upper
164 100
162 95.8 78.3 117.5
160 42.1 34.1 51.1

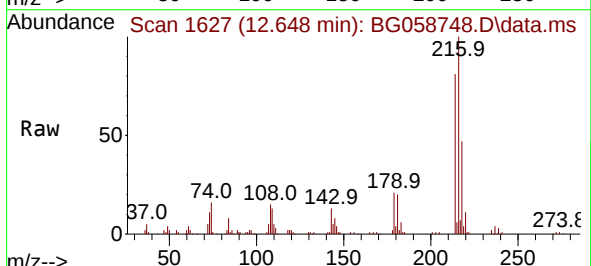
Manual Integrations

APPROVED

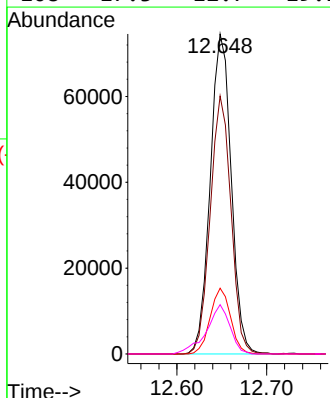
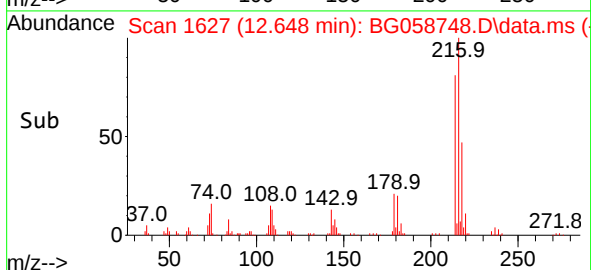
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

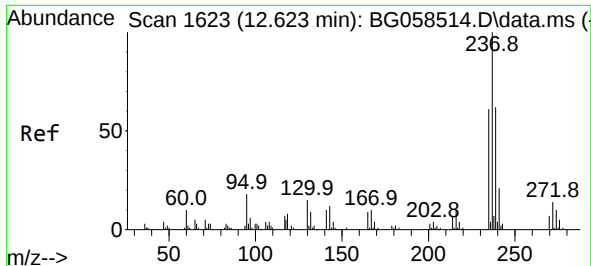


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.920 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:216 Resp: 120935
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 19.9 15.6 23.4
108 17.3 12.7 19.1





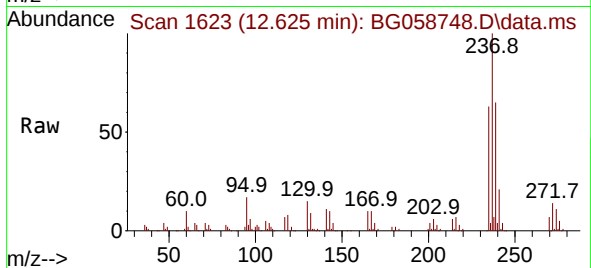
#41
Hexachlorocyclopentadiene
Concen: 96.708 ng
RT: 12.625 min Scan# 11763
Delta R.T. 0.002 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

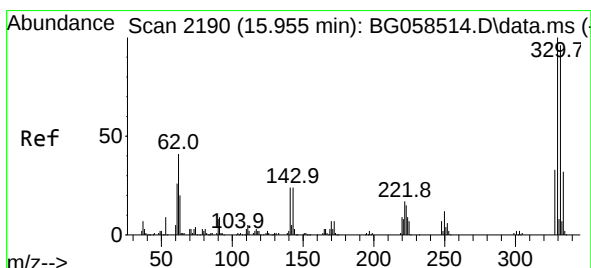
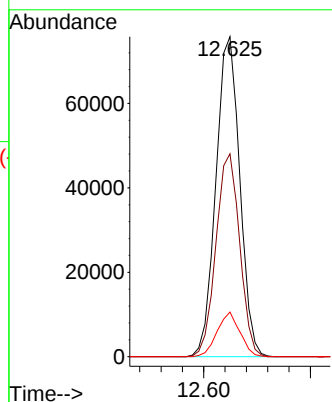
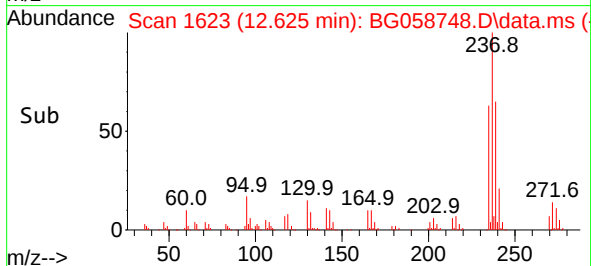


Tgt Ion:237 Resp: 11763
Ion Ratio Lower Upper
237 100
235 63.4 41.0 81.0
272 13.9 0.0 33.6

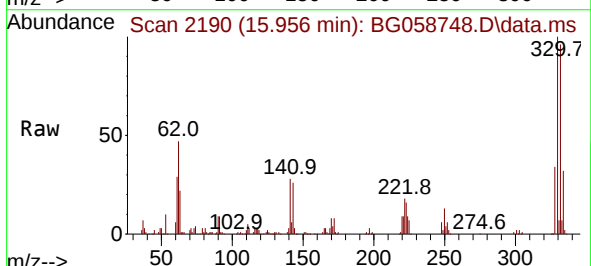
Manual Integrations

APPROVED

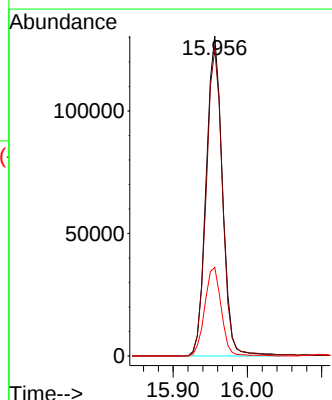
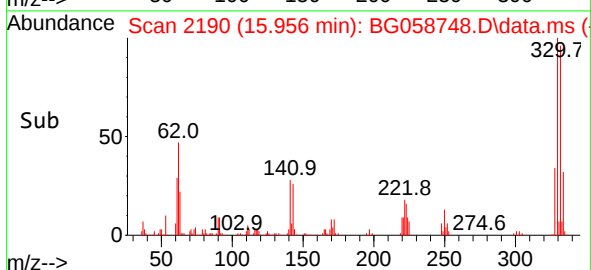
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

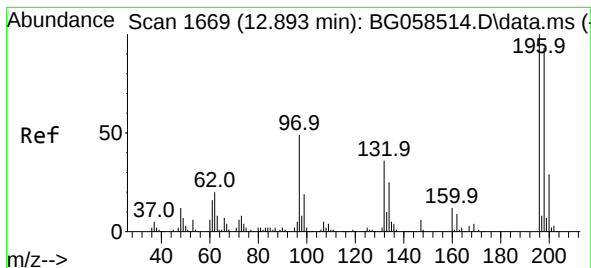


#42
2,4,6-Tribromophenol
Concen: 144.378 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:330 Resp: 198673
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 28.2 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 50.634 ng

RT: 12.895 min Scan# 1669

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

Tgt Ion:196 Resp: 8976

Ion Ratio Lower Upper

196 100

198 92.8 74.2 111.4

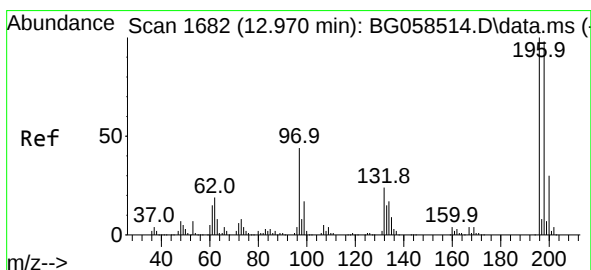
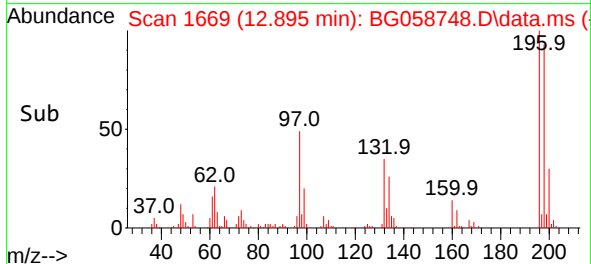
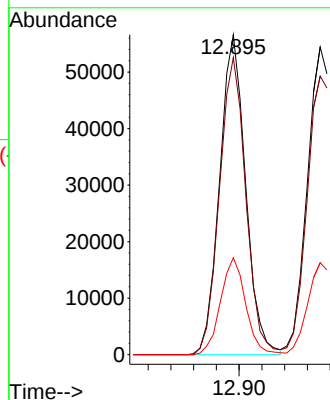
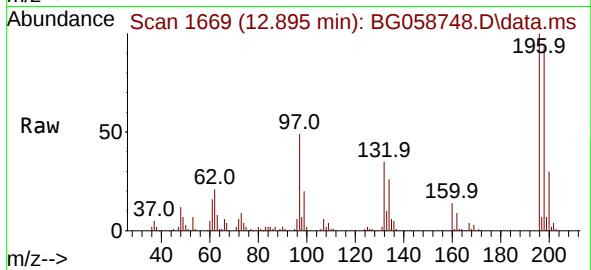
200 30.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#44

2,4,5-Trichlorophenol

Concen: 46.838 ng

RT: 12.971 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Tgt Ion:196 Resp: 97804

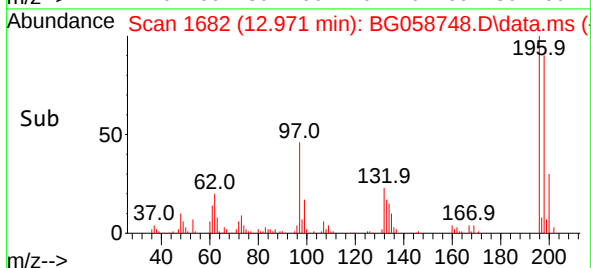
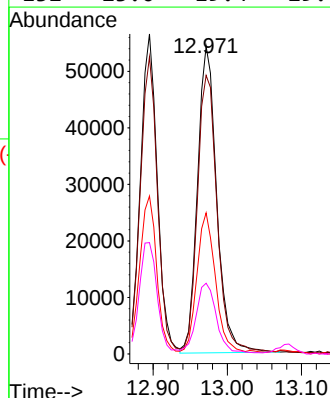
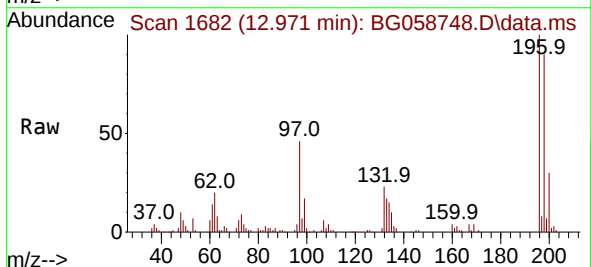
Ion Ratio Lower Upper

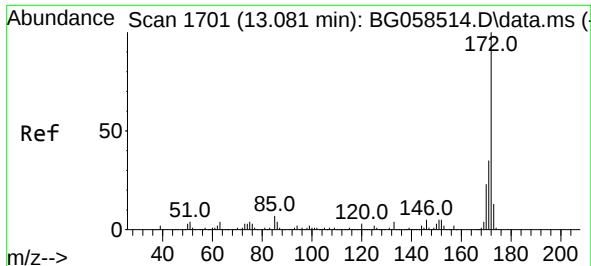
196 100

198 90.5 78.3 117.5

97 45.8 35.2 52.8

132 23.0 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 96.390 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

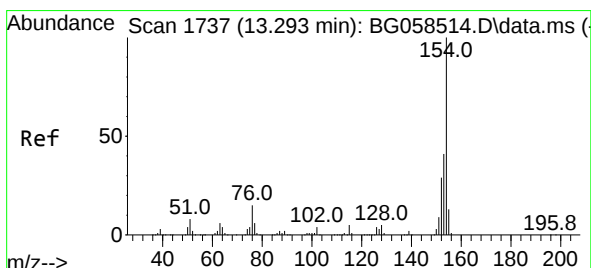
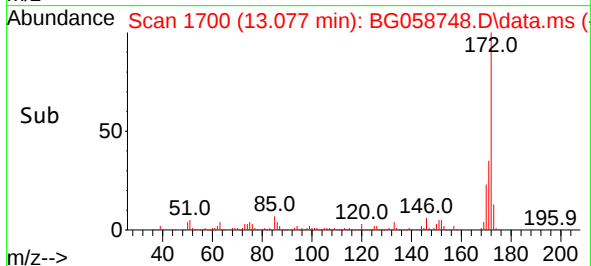
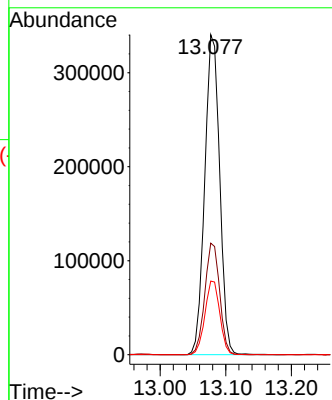
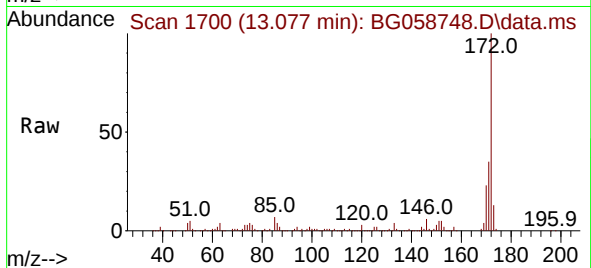
PB154352BS

Tgt Ion:172 Resp: 539990
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.0 18.4 27.6

Manual Integrations

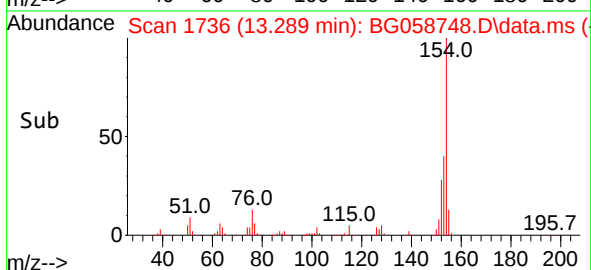
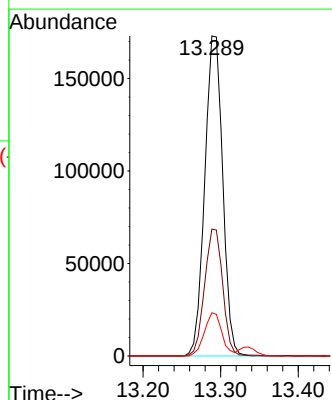
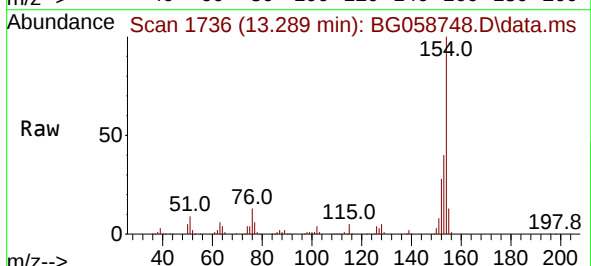
APPROVED

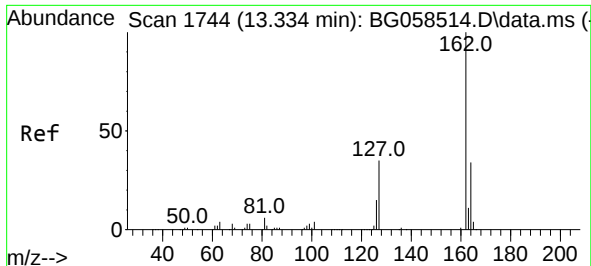
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#46
1,1'-Biphenyl
Concen: 48.234 ng
RT: 13.289 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:154 Resp: 278098
Ion Ratio Lower Upper
154 100
153 39.7 21.2 61.2
76 13.5 0.0 34.7





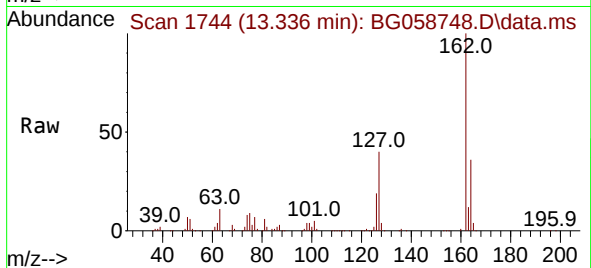
#47
2-Chloronaphthalene
Concen: 49.139 ng
RT: 13.336 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

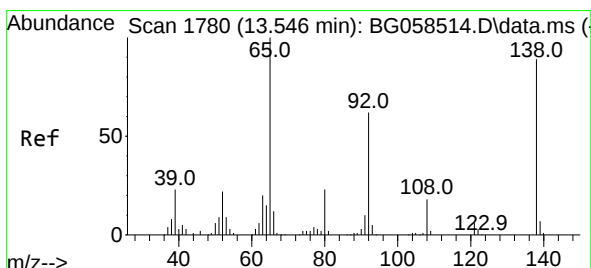
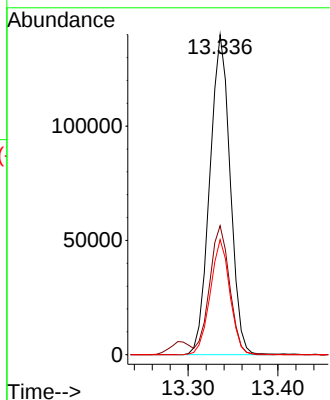
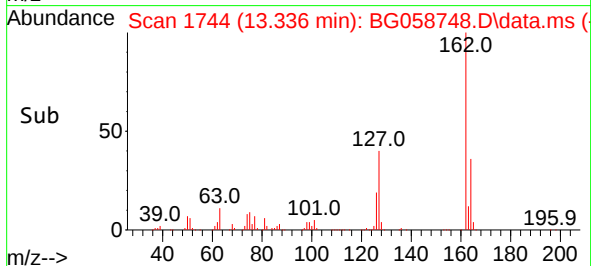


Tgt Ion:162 Resp: 22090
Ion Ratio Lower Upper
162 100
127 40.3 30.9 46.3
164 35.9 27.2 40.8

Manual Integrations

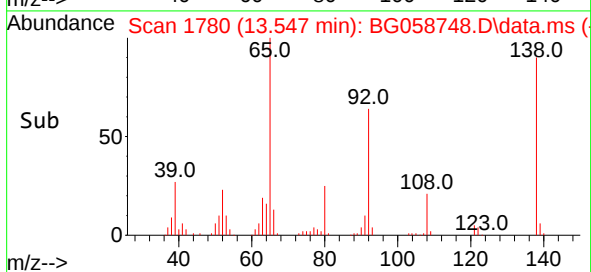
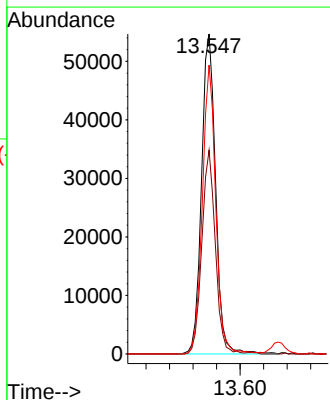
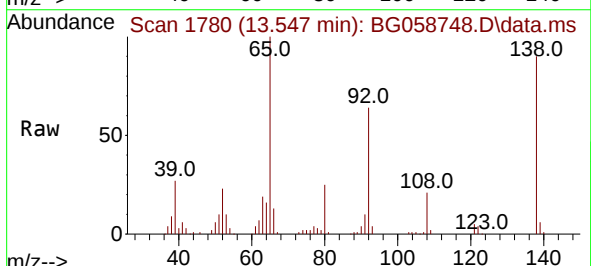
APPROVED

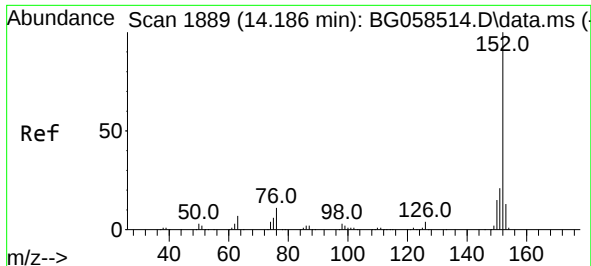
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#48
2-Nitroaniline
Concen: 52.809 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion: 65 Resp: 90613
Ion Ratio Lower Upper
65 100
92 63.7 49.2 73.8
138 90.3 71.5 107.3





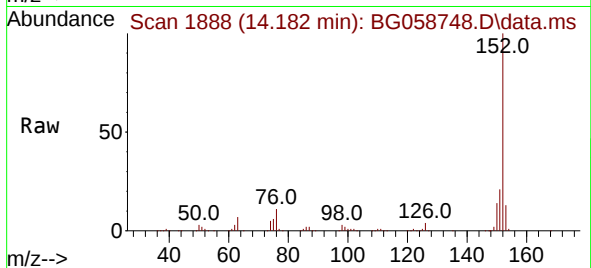
#49
Acenaphthylene
Concen: 48.438 ng
RT: 14.182 min Scan# 1888
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

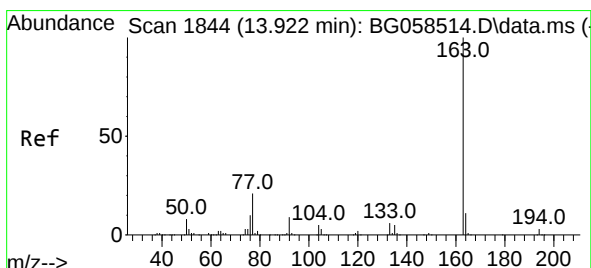
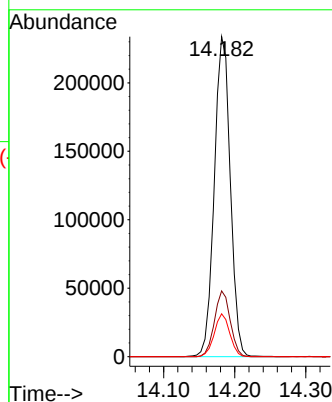
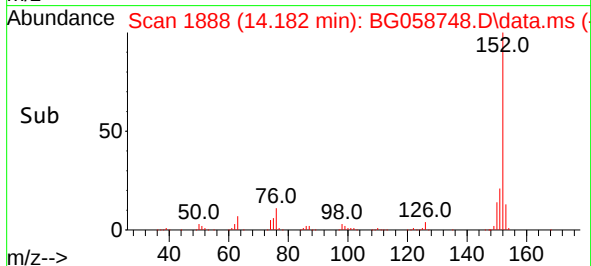


Tgt Ion:152 Resp: 364562
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.4 10.7 16.1

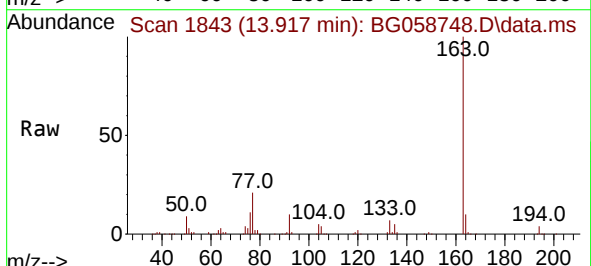
Manual Integrations

APPROVED

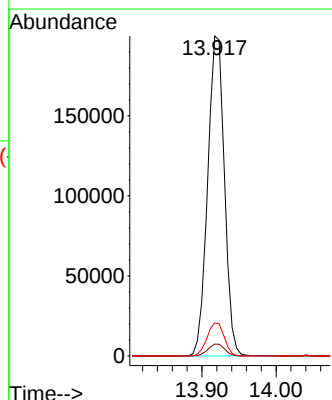
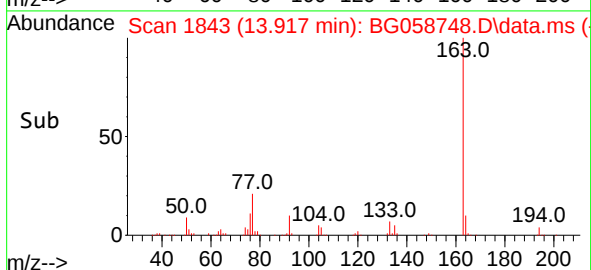
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

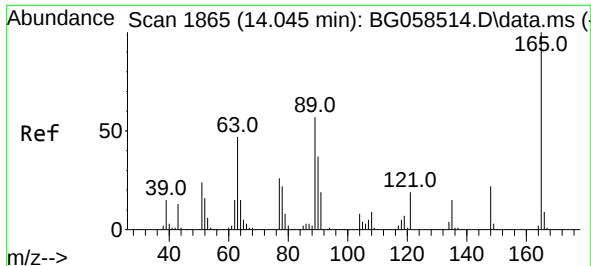


#50
Dimethylphthalate
Concen: 49.760 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:163 Resp: 313743
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.6 12.8





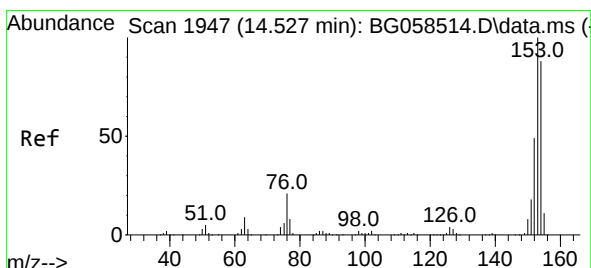
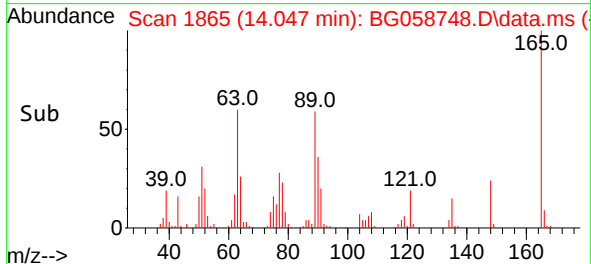
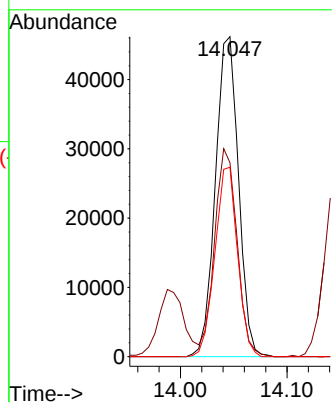
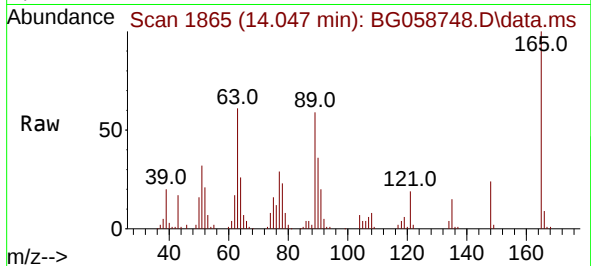
#51
2,6-Dinitrotoluene
Concen: 50.178 ng
RT: 14.047 min Scan# 1865
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :
BNA_G
ClientSampleId :
PB154352BS

Tgt Ion:165 Resp: 69420
Ion Ratio Lower Upper
165 100
63 60.6 46.4 69.6
89 59.2 45.3 67.9

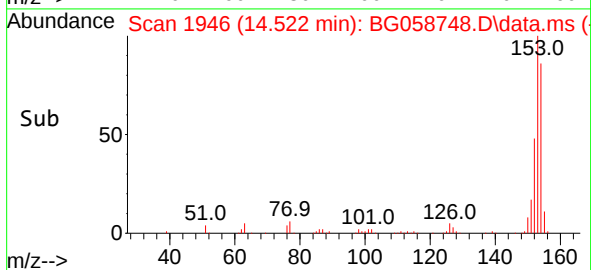
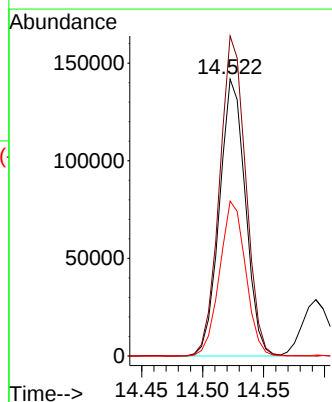
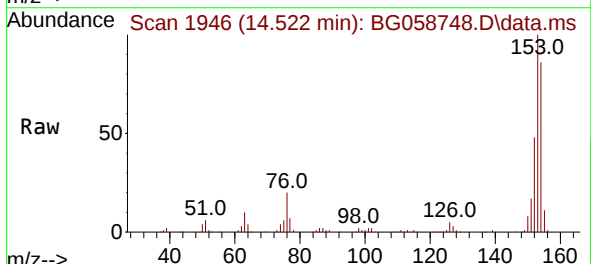
Manual Integrations
APPROVED

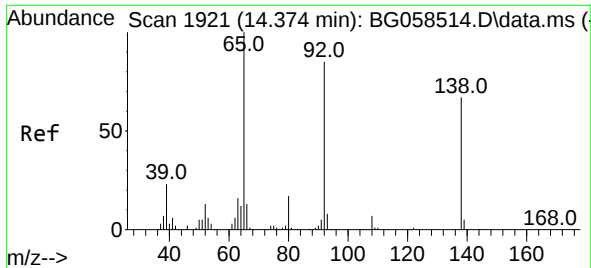
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 48.297 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:154 Resp: 210039
Ion Ratio Lower Upper
154 100
153 115.6 91.1 136.7
152 55.9 44.6 66.8





#53
3-Nitroaniline
Concen: 33.412 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

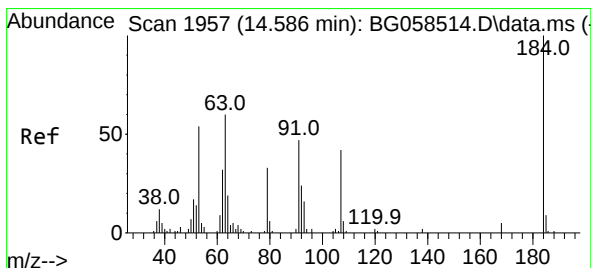
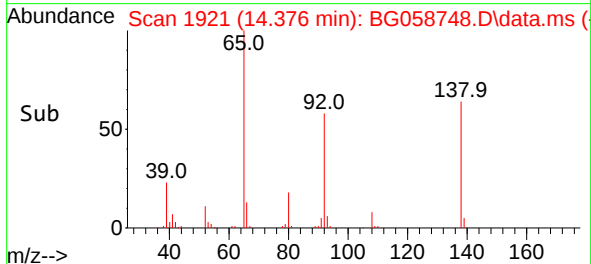
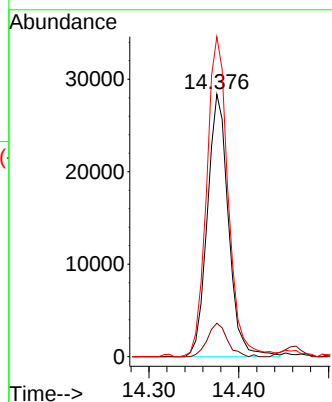
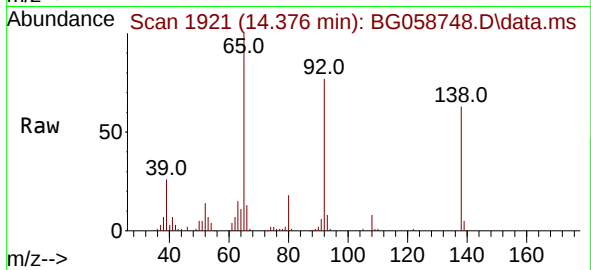
ClientSampleId :

PB154352BS

Tgt Ion:138 Resp: 4624
Ion Ratio Lower Upper
138 100
108 12.8 8.3 12.5
92 122.0 101.1 151.7

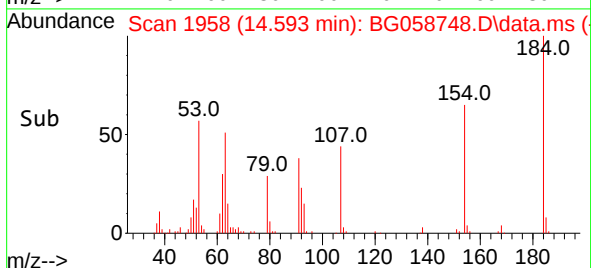
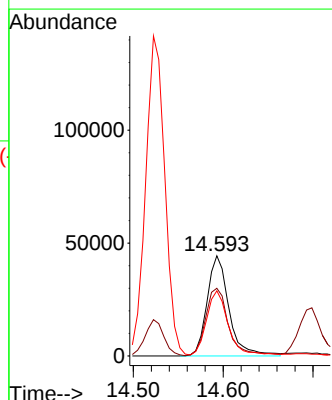
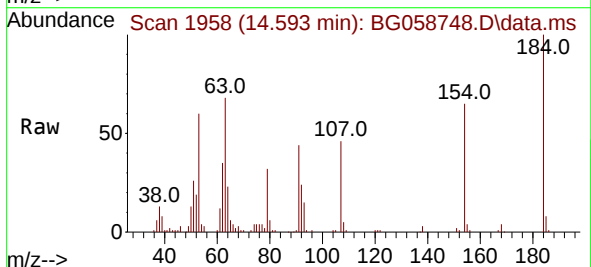
Manual Integrations
APPROVED

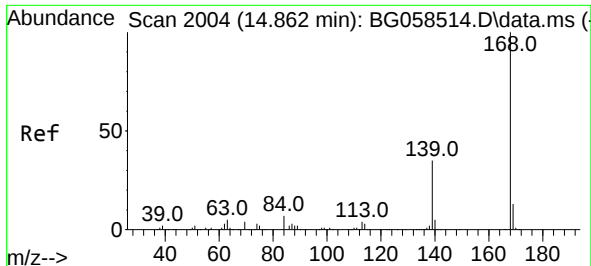
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 94.809 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

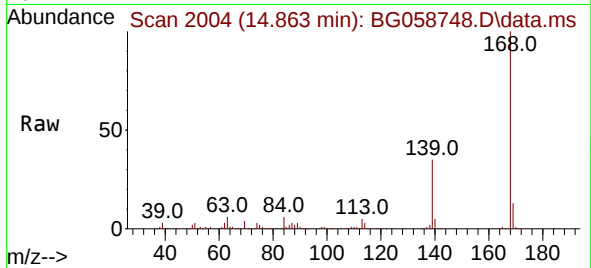
Tgt Ion:184 Resp: 75132
Ion Ratio Lower Upper
184 100
63 67.6 56.7 85.1
154 65.1 46.1 69.1





#55
Dibenzofuran
Concen: 48.920 ng
RT: 14.863 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

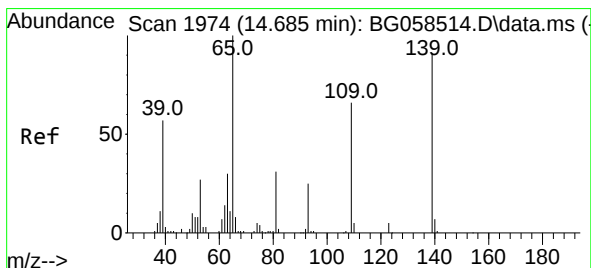
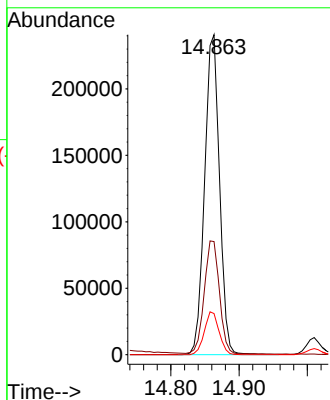
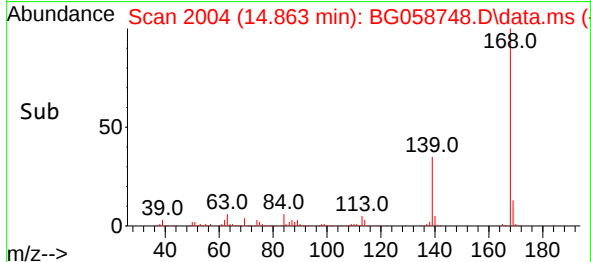
Instrument :
BNA_G
ClientSampleId :
PB154352BS



Tgt Ion:168 Resp: 365569
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8
169 12.8 10.6 16.0

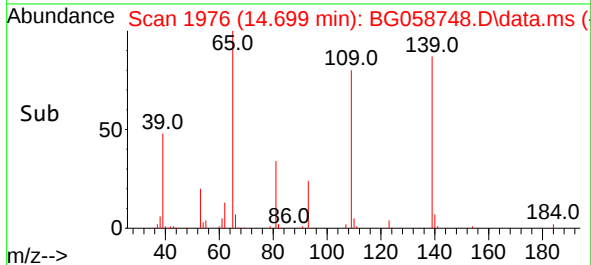
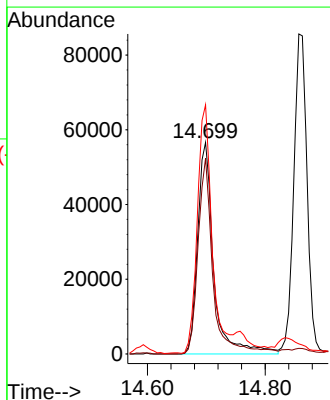
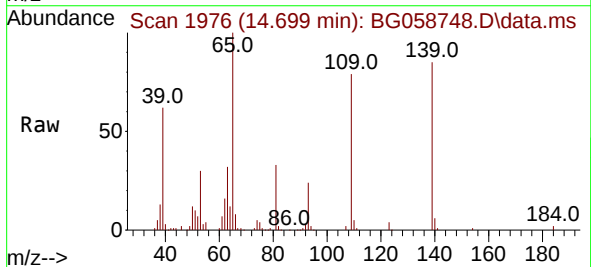
Manual Integrations
APPROVED

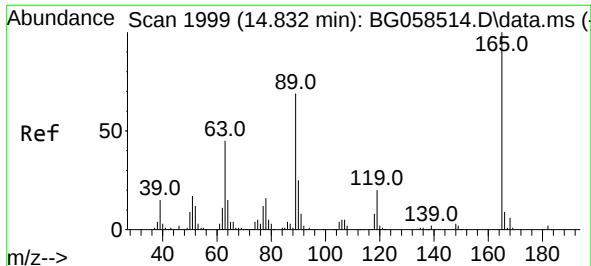
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 103.842 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:139 Resp: 107566
Ion Ratio Lower Upper
139 100
109 92.6 52.5 92.5#
65 117.8 90.5 130.5





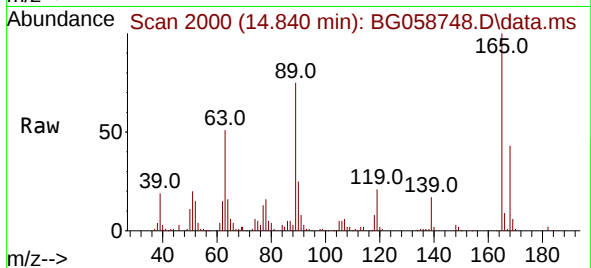
#57
2,4-Dinitrotoluene
Concen: 52.889 ng
RT: 14.840 min Scan# 2000
Delta R.T. 0.008 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

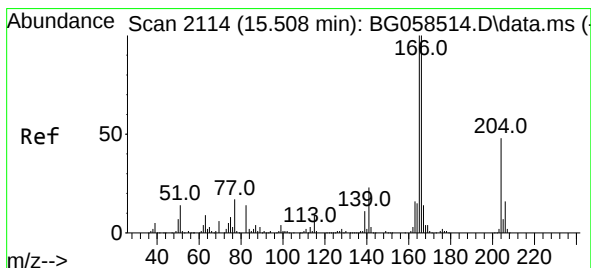
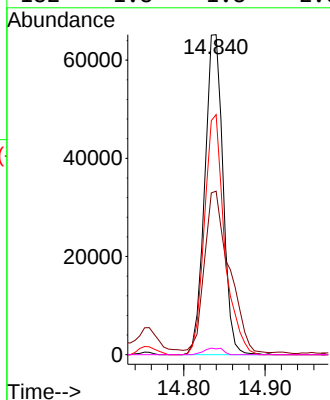
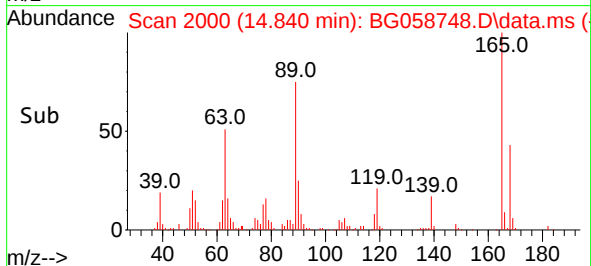


Tgt Ion:165 Resp: 101440
Ion Ratio Lower Upper
165 100
63 51.1 36.6 54.8
89 75.0 55.4 83.0
182 1.8 1.8 2.6

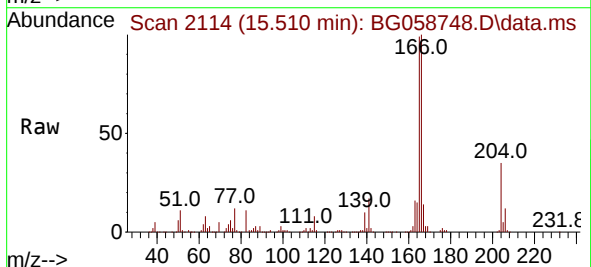
Manual Integrations

APPROVED

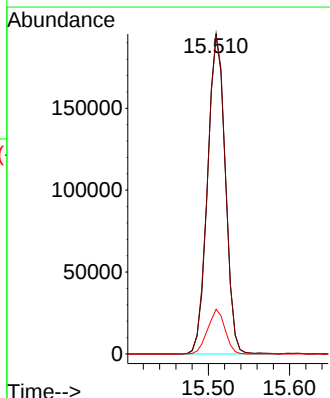
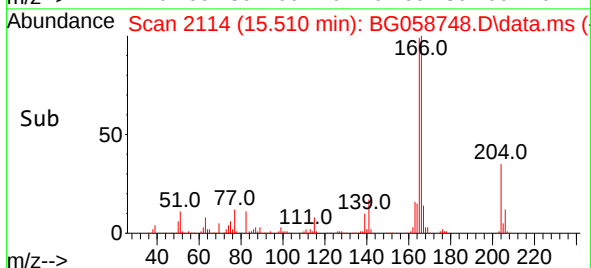
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#58
Fluorene
Concen: 49.720 ng
RT: 15.510 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:166 Resp: 295158
Ion Ratio Lower Upper
166 100
165 99.3 80.0 120.0
167 14.0 11.3 16.9





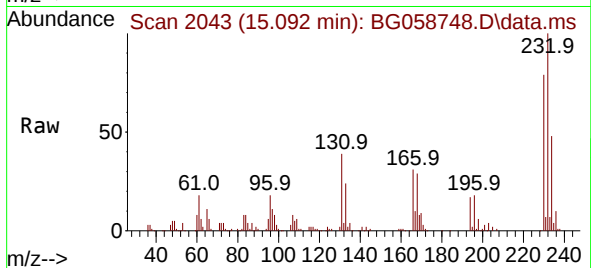
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.270 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

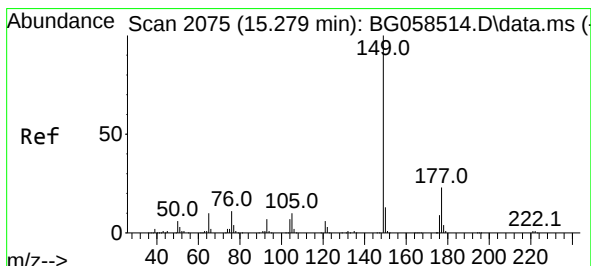
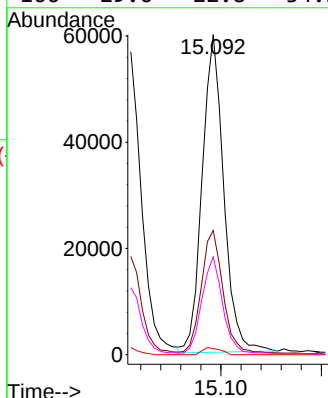
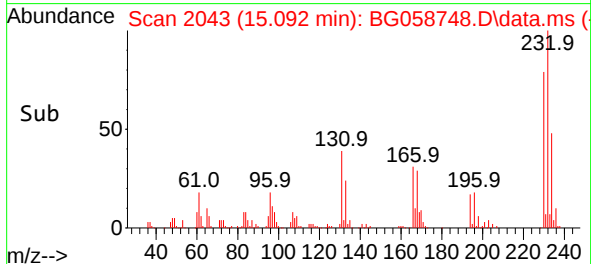


Tgt Ion:232 Resp: 8957
Ion Ratio Lower Upper
232 100
131 40.2 30.0 45.0
130 1.9 1.5 2.3
166 29.6 22.8 34.2

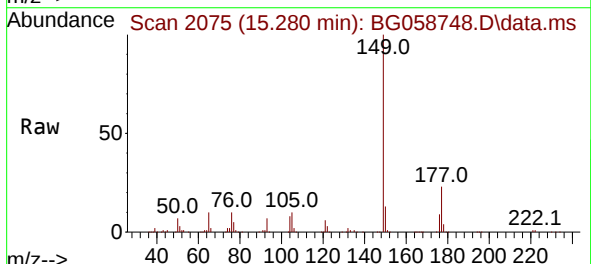
Manual Integrations

APPROVED

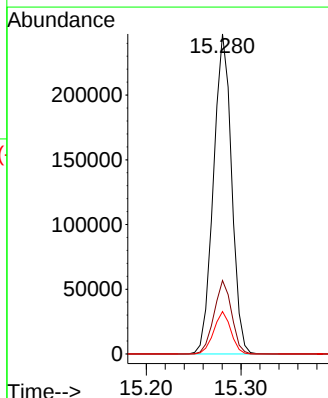
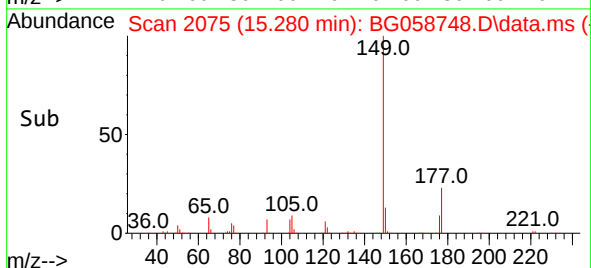
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#60
Diethylphthalate
Concen: 51.120 ng
RT: 15.280 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:149 Resp: 328361
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 49.028 ng
RT: 15.498 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

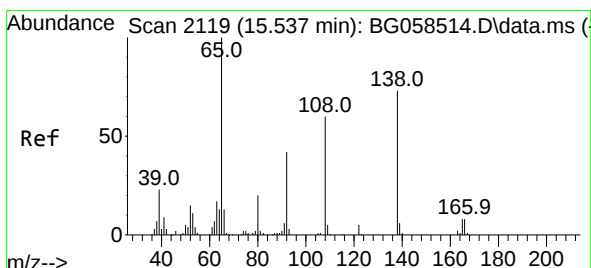
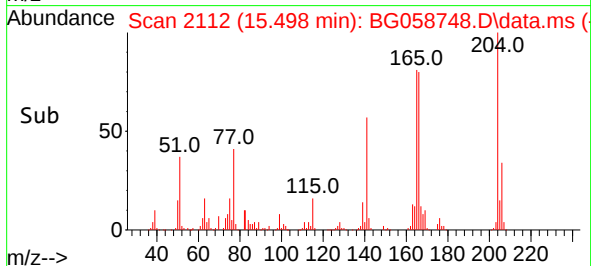
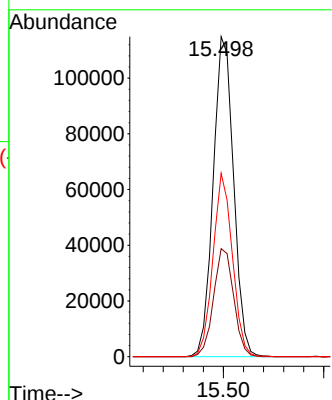
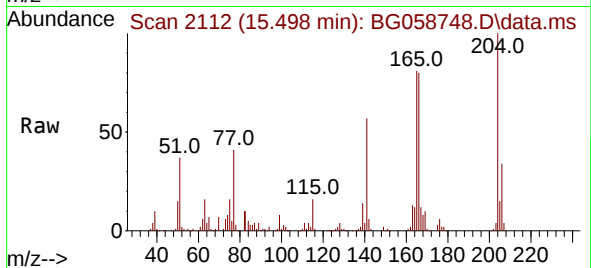
PB154352BS

Tgt Ion:204 Resp: 16226
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 57.3 40.8 61.2

Manual Integrations

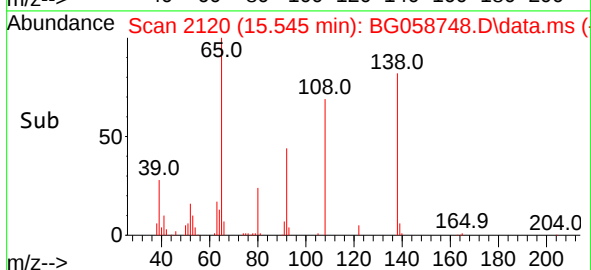
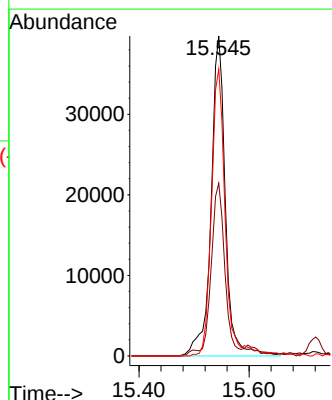
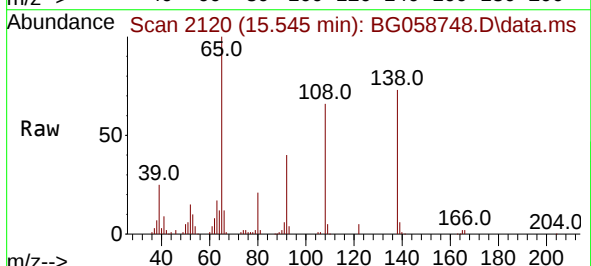
APPROVED

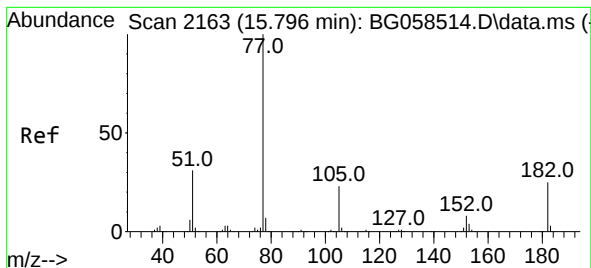
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 54.966 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.007 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:138 Resp: 72071
Ion Ratio Lower Upper
138 100
92 54.0 37.3 77.3
108 89.7 62.6 102.6





#63

Azobenzene

Concen: 48.565 ng

RT: 15.797 min Scan# 2163

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

Tgt Ion: 77 Resp: 30726

Ion Ratio Lower Upper

77 100

182 27.0 4.6 44.6

105 23.0 3.3 43.3

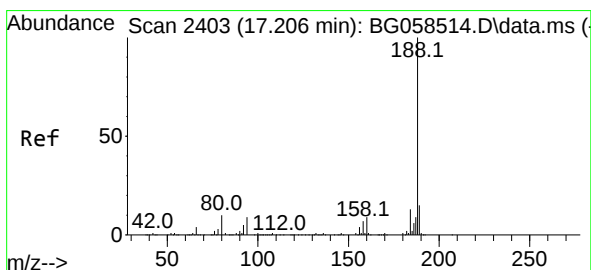
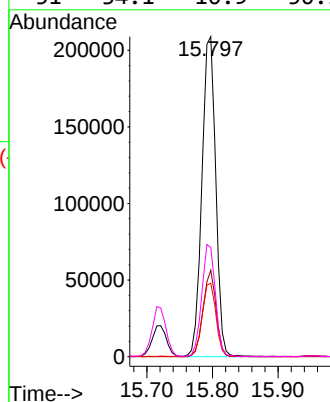
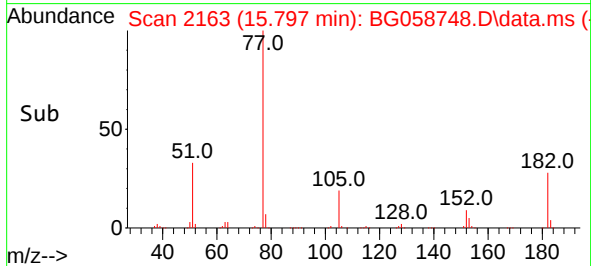
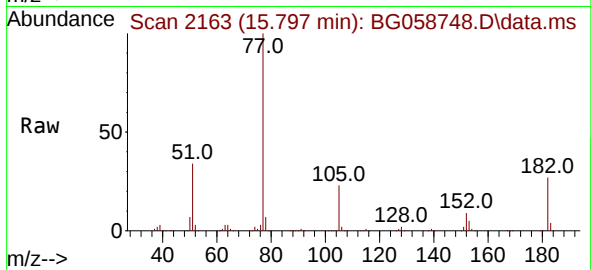
51 34.1 10.9 50.9

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: 17.208 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

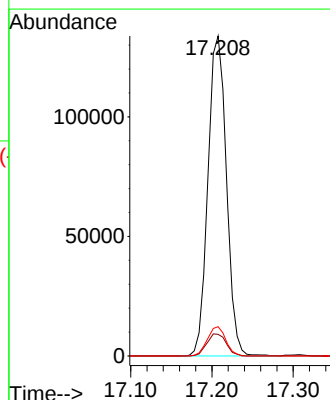
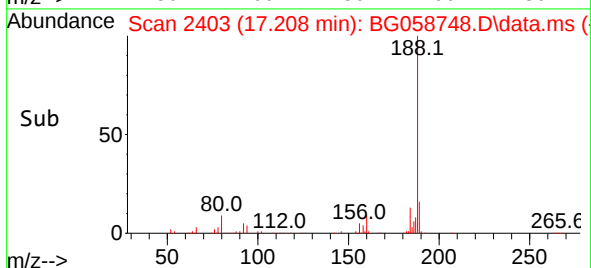
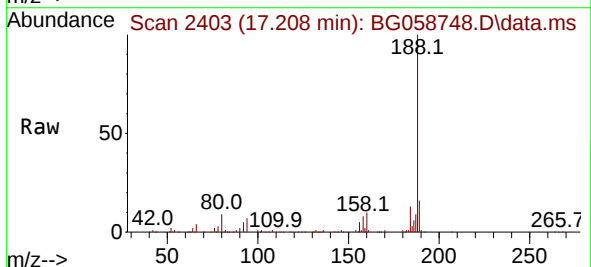
Tgt Ion:188 Resp: 211241

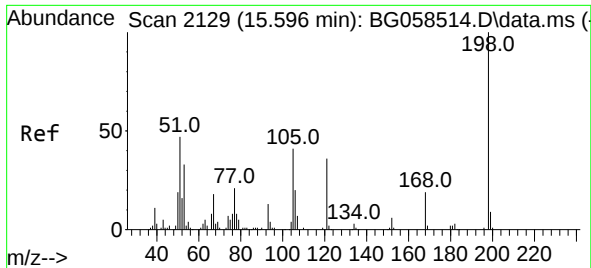
Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 9.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 51.914 ng
RT: 15.604 min Scan# 2129
Delta R.T. 0.008 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

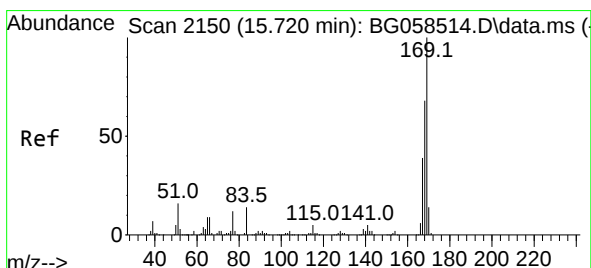
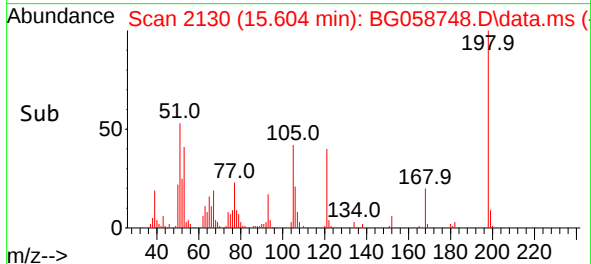
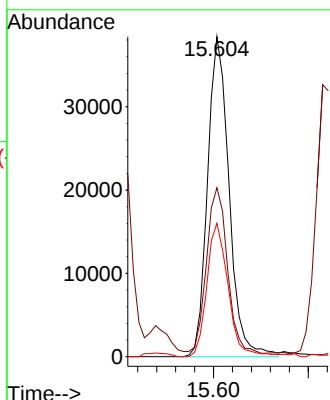
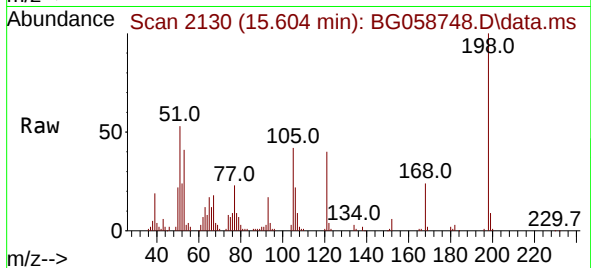
ClientSampleId :

PB154352BS

Tgt Ion:198 Resp: 6046
Ion Ratio Lower Upper
198 100
51 52.8 29.3 69.3
105 41.6 21.0 61.0

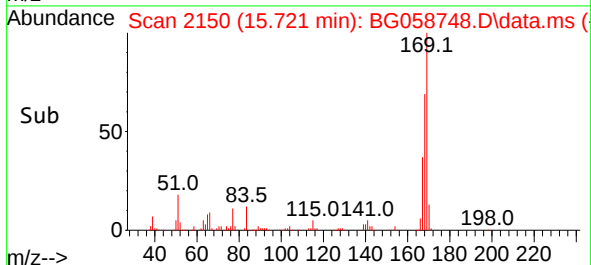
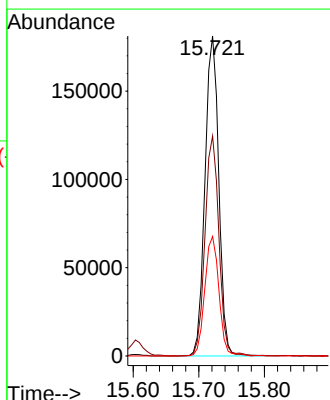
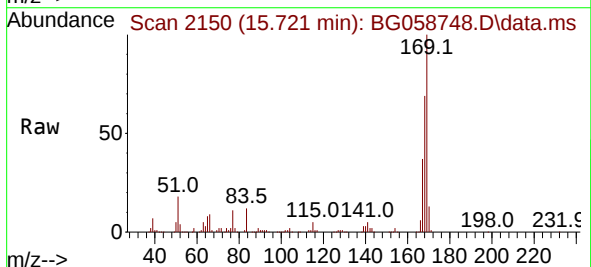
Manual Integrations
APPROVED

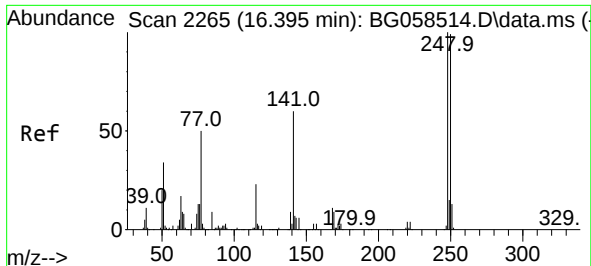
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 48.224 ng
RT: 15.721 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:169 Resp: 265137
Ion Ratio Lower Upper
169 100
168 68.8 54.6 82.0
167 37.4 31.3 46.9





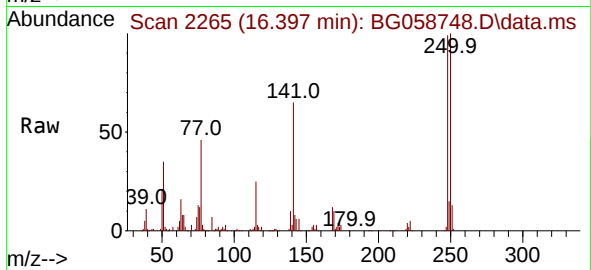
#67
4-Bromophenyl-phenylether
Concen: 47.125 ng
RT: 16.397 min Scan# 211
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

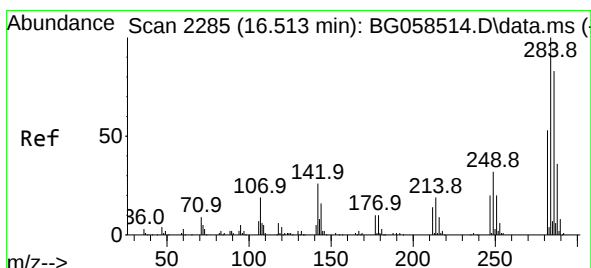
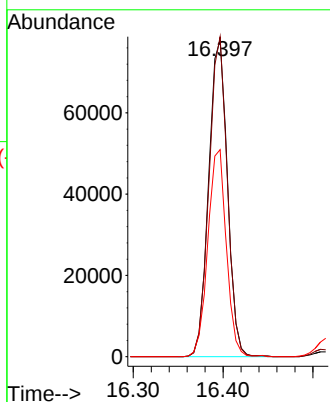
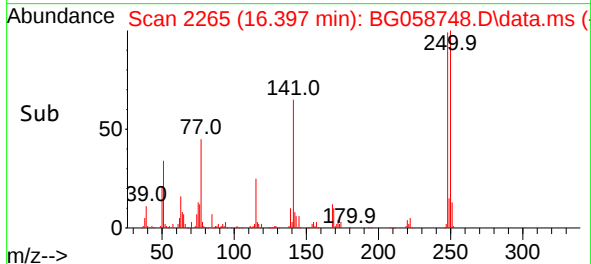
PB154352BS



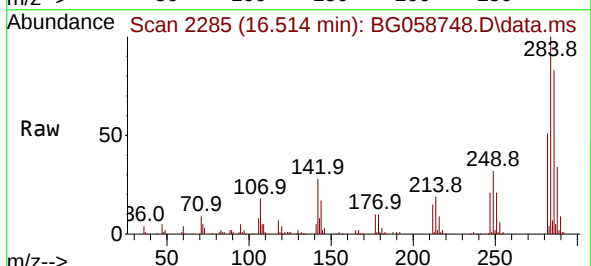
Tgt Ion:248 Resp: 112909
Ion Ratio Lower Upper
248 100
250 101.0 79.5 119.3
141 65.3 48.2 72.2

Manual Integrations
APPROVED

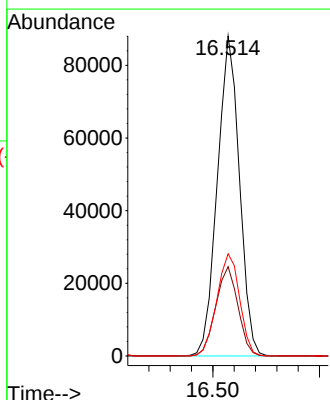
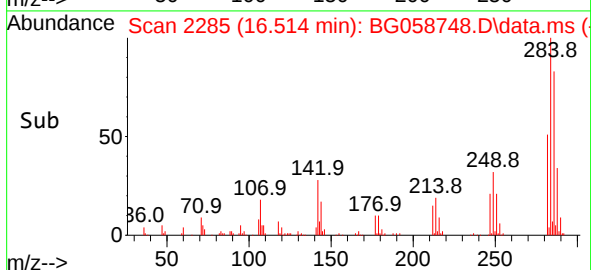
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

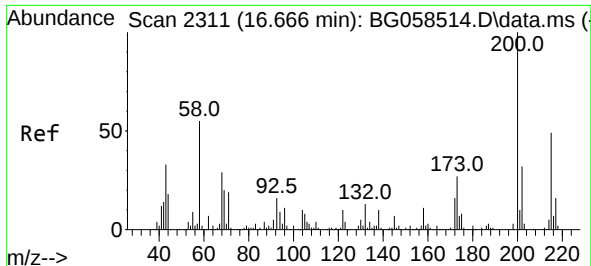


#68
Hexachlorobenzene
Concen: 49.753 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:284 Resp: 126316
Ion Ratio Lower Upper
284 100
142 27.9 21.0 31.4
249 31.9 25.5 38.3





#69
 Atrazine
 Concen: 61.152 ng
 RT: 16.673 min Scan# 211
 Delta R.T. 0.007 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

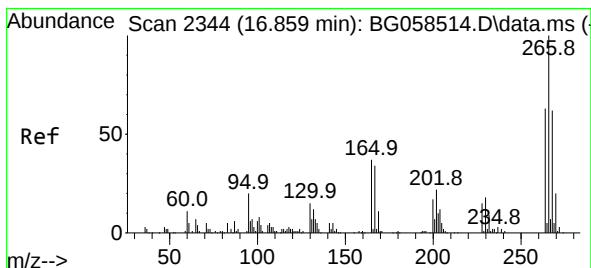
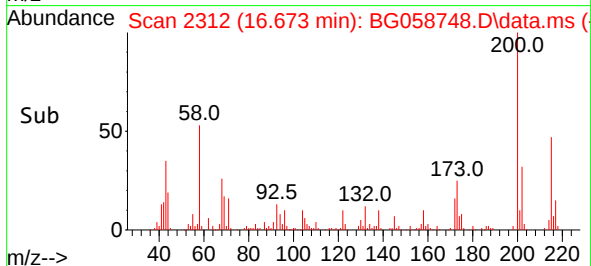
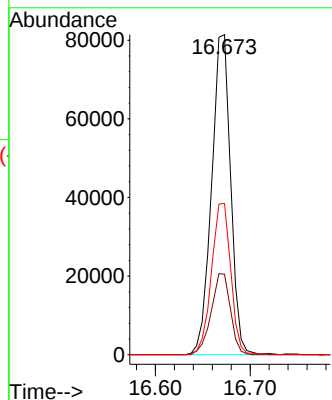
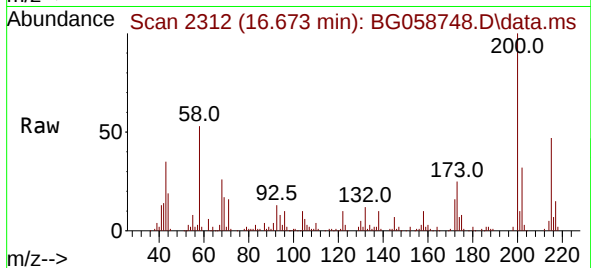
PB154352BS

Tgt Ion:200 Resp: 113499
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.5 46.5
 215 47.3 28.9 68.9

Manual Integrations

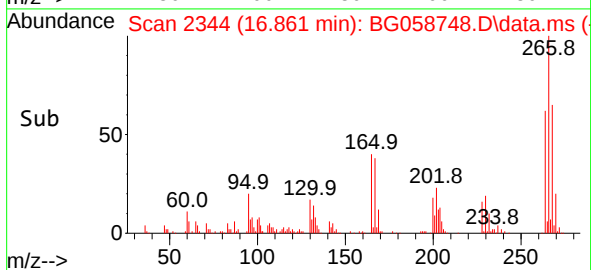
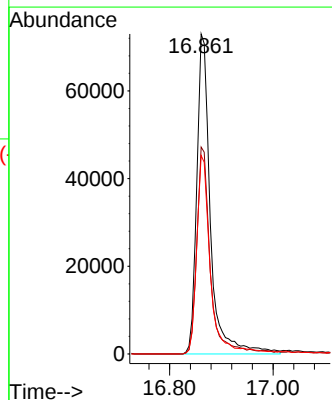
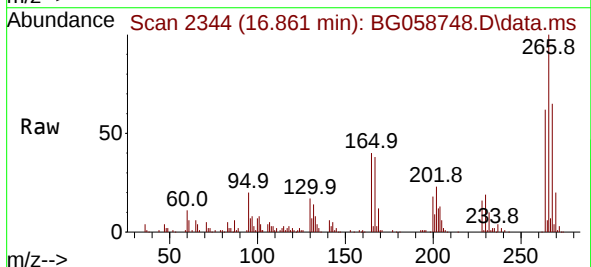
APPROVED

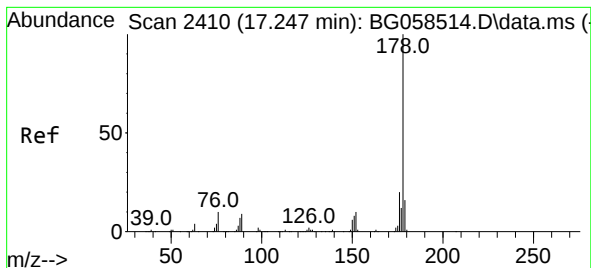
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023



#70
 Pentachlorophenol
 Concen: 87.236 ng
 RT: 16.861 min Scan# 2344
 Delta R.T. 0.002 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45

Tgt Ion:266 Resp: 134056
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.9 74.9
 264 62.0 50.2 75.4





#71

Phenanthrene

Concen: 49.542 ng

RT: 17.249 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

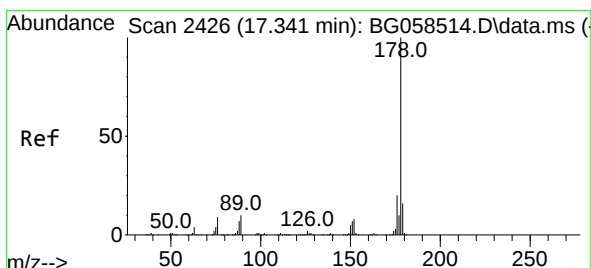
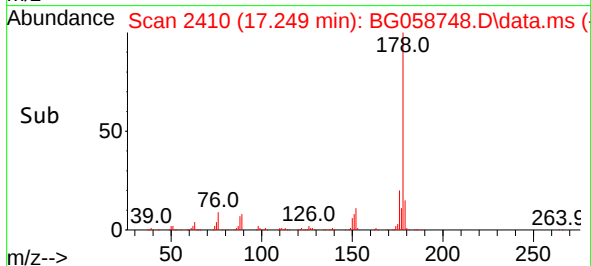
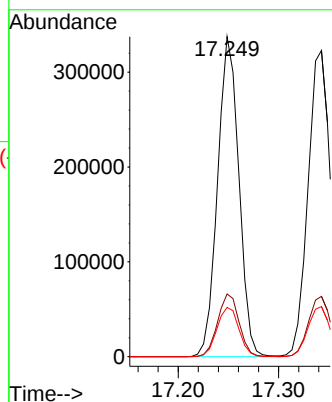
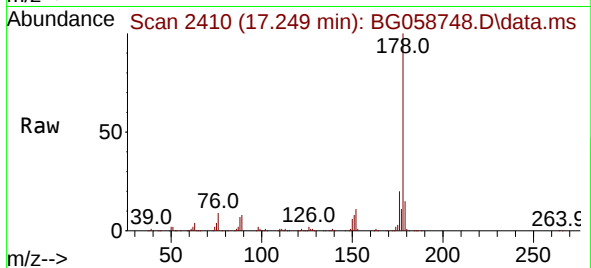
Tgt Ion:178	Resp: 496310
Ion Ratio	Lower Upper
178	100
176	19.6 16.3 24.5
179	15.4 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#72

Anthracene

Concen: 48.951 ng

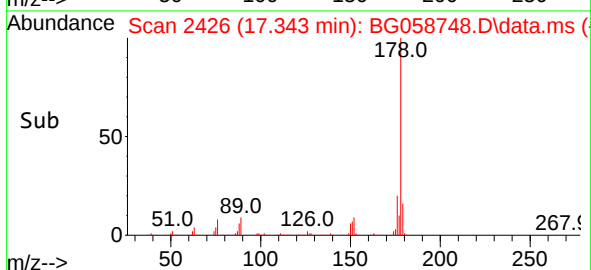
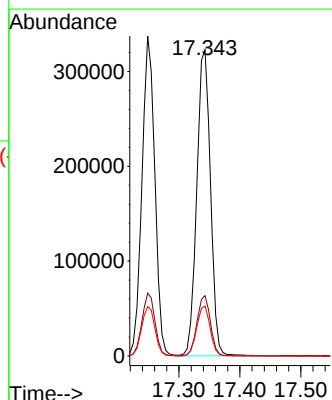
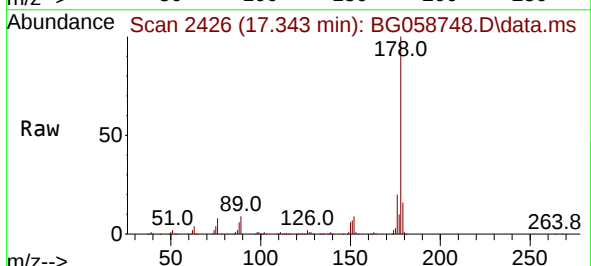
RT: 17.343 min Scan# 2426

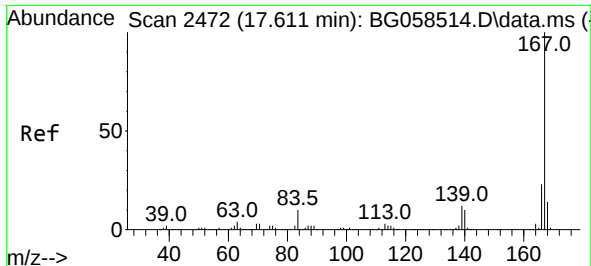
Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

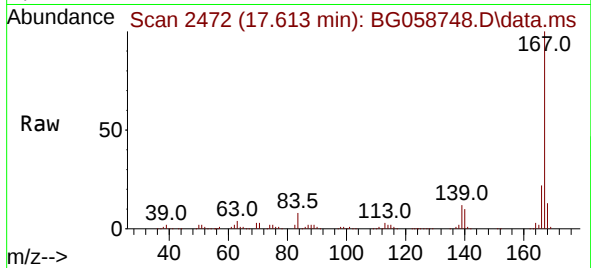
Tgt Ion:178	Resp: 503178
Ion Ratio	Lower Upper
178	100
176	19.7 16.0 24.0
179	16.4 12.9 19.3





#73
 Carbazole
 Concen: 50.876 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45

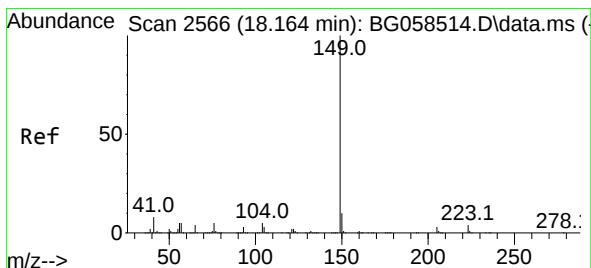
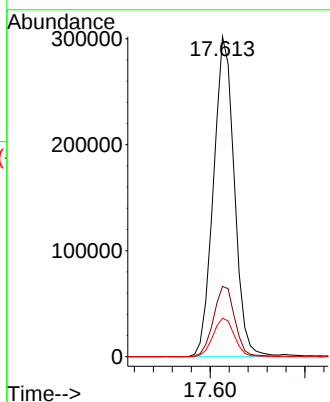
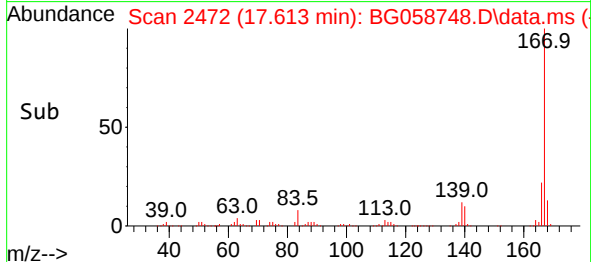
Instrument :
 BNA_G
 ClientSampleId :
 PB154352BS



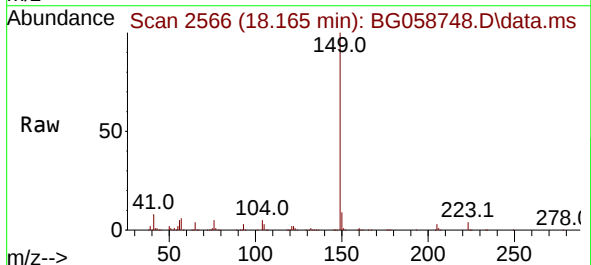
Tgt Ion:167 Resp: 461169
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.4 27.6
 139 12.0 10.0 15.0

Manual Integrations
 APPROVED

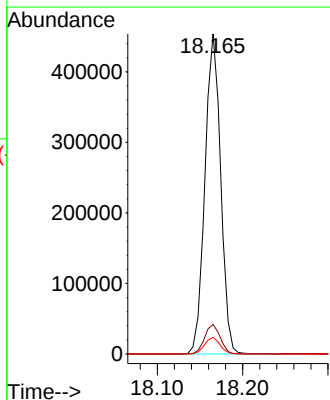
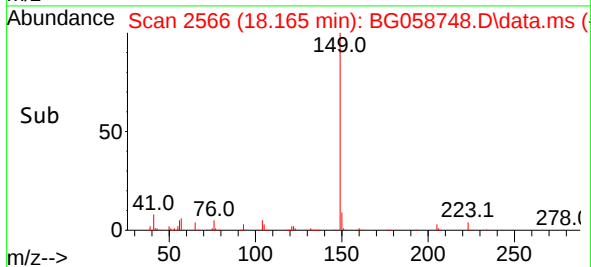
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

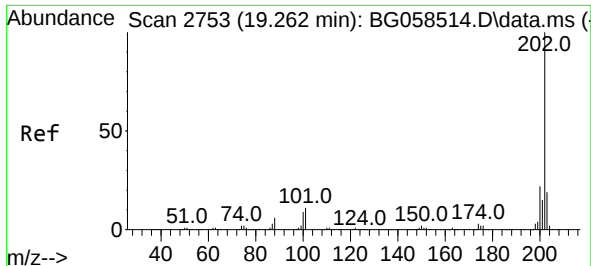


#74
 Di-n-butylphthalate
 Concen: 51.147 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45



Tgt Ion:149 Resp: 580712
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.2 4.0 6.0





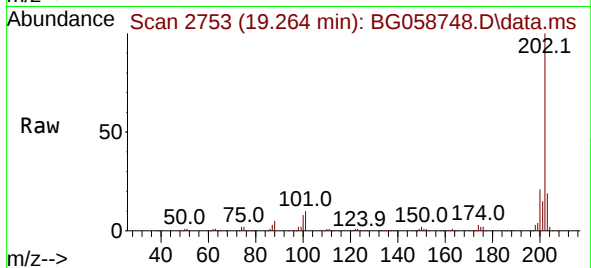
#75
Fluoranthene
Concen: 49.882 ng
RT: 19.264 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS



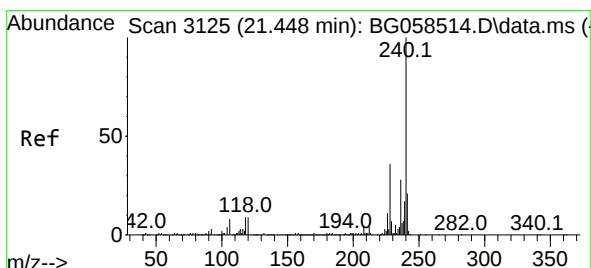
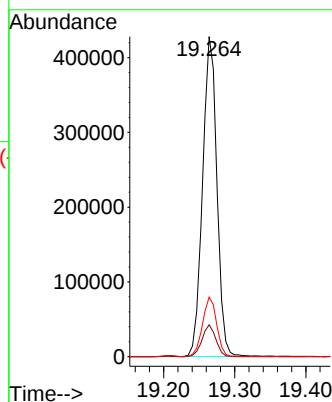
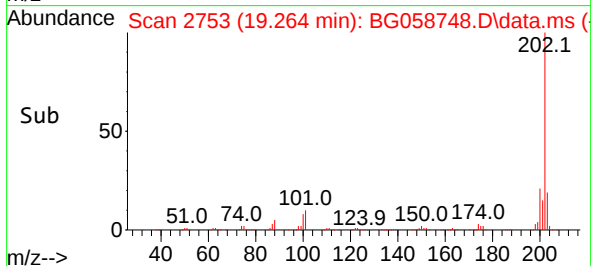
Tgt Ion:202 Resp: 600270
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.6 0.0 39.0

Manual Integrations

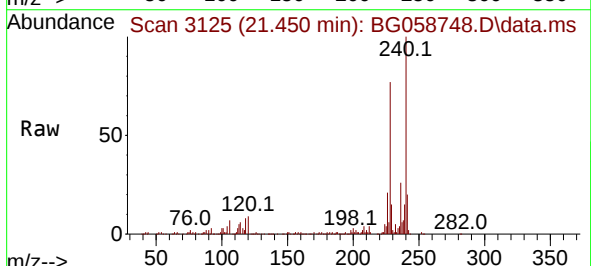
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

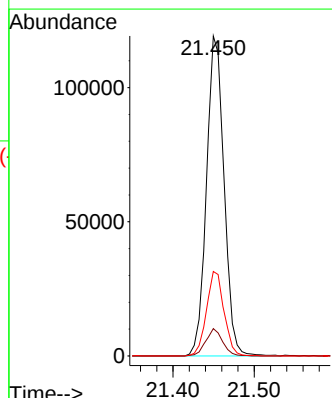
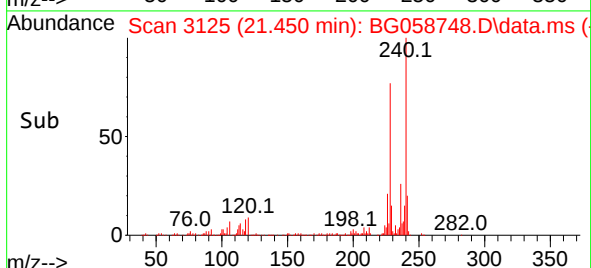
Supervised By :mohammad ahmed 08/17/2023

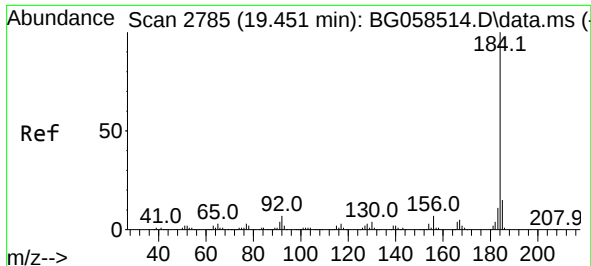


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



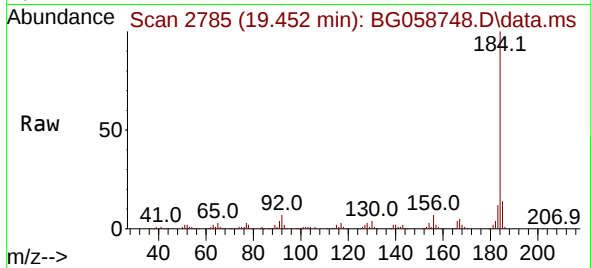
Tgt Ion:240 Resp: 178607
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.4 22.2 33.4





#77
Benzidine
Concen: 77.245 ng
RT: 19.452 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

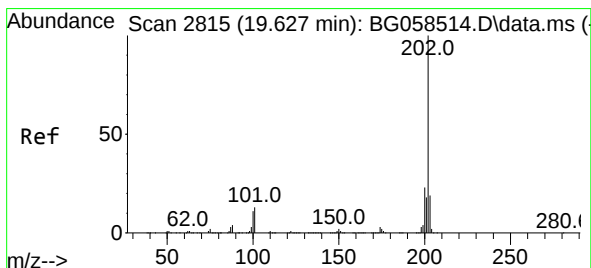
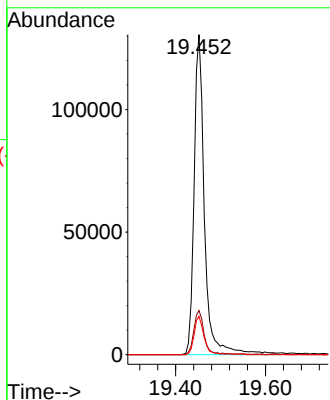
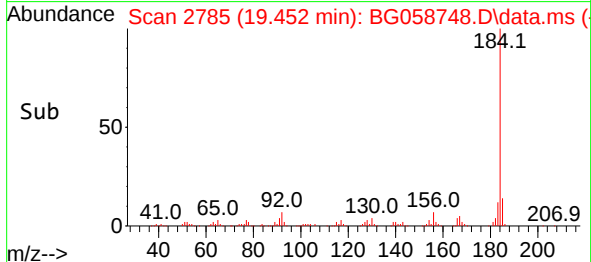
Instrument :
BNA_G
ClientSampleId :
PB154352BS



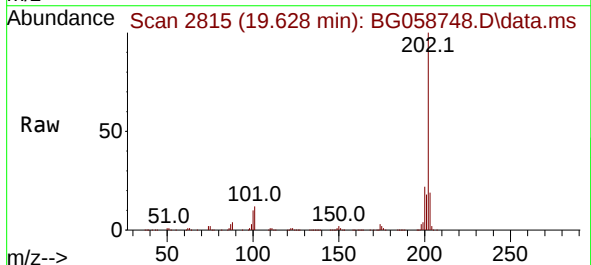
Tgt Ion:184 Resp: 20921
Ion Ratio Lower Upper
184 100
185 13.8 11.9 17.9
183 12.0 8.7 13.1

Manual Integrations
APPROVED

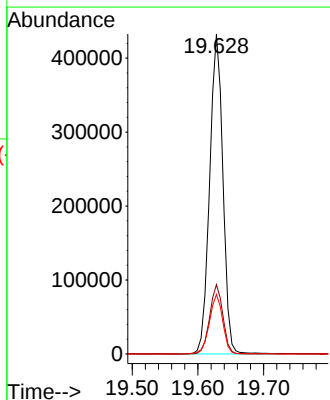
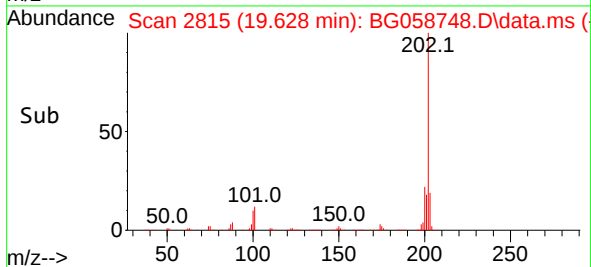
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#78
Pyrene
Concen: 50.144 ng
RT: 19.628 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:202 Resp: 609508
Ion Ratio Lower Upper
202 100
200 21.7 18.2 27.2
203 18.6 15.1 22.7





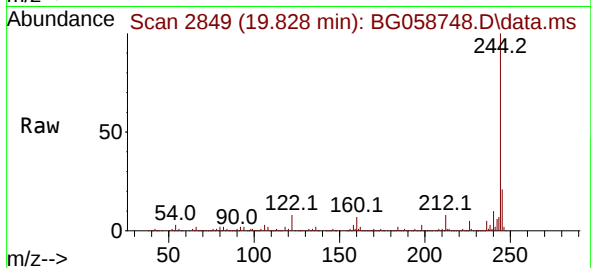
#79
 Terphenyl-d14
 Concen: 106.109 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

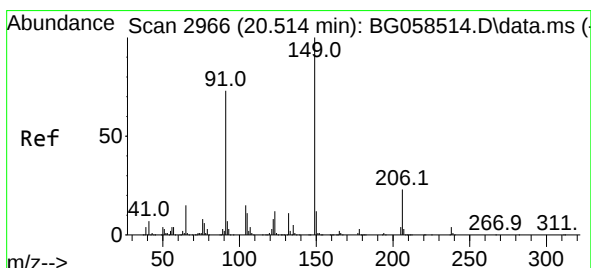
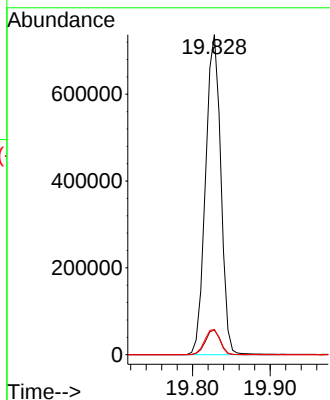
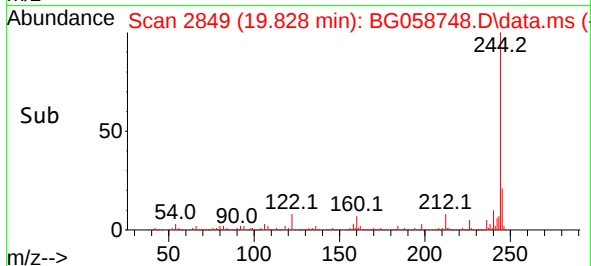


Tgt Ion:244 Resp: 100779
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 7.9 6.8 10.2

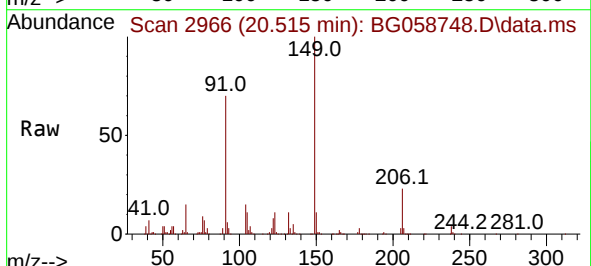
Manual Integrations

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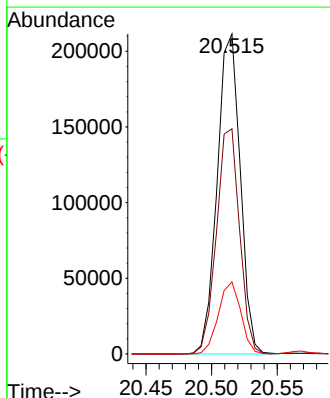
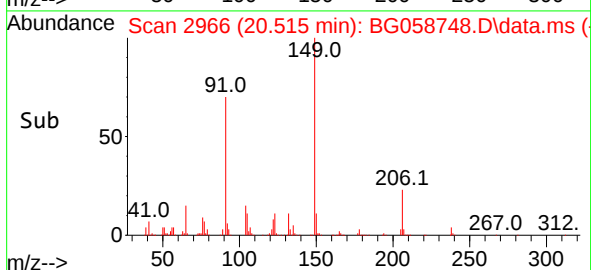
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

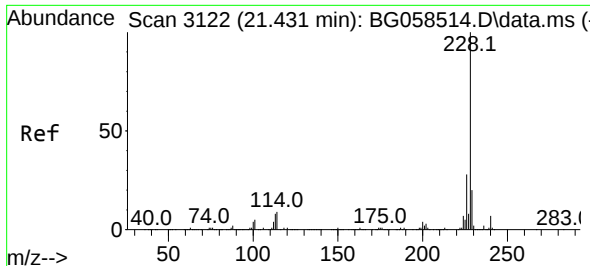


#80
 Butylbenzylphthalate
 Concen: 51.688 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. 0.001 min
 Lab File: BG058748.D
 Acq: 16 Aug 2023 14:45



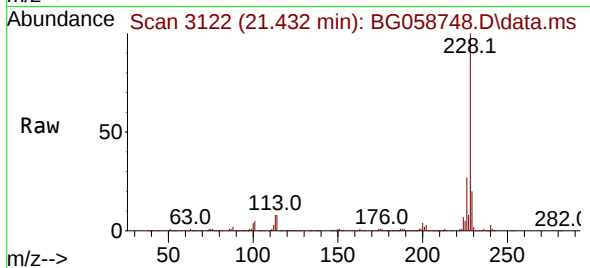
Tgt Ion:149 Resp: 258069
 Ion Ratio Lower Upper
 149 100
 91 70.3 58.4 87.6
 206 22.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 50.419 ng
RT: 21.432 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

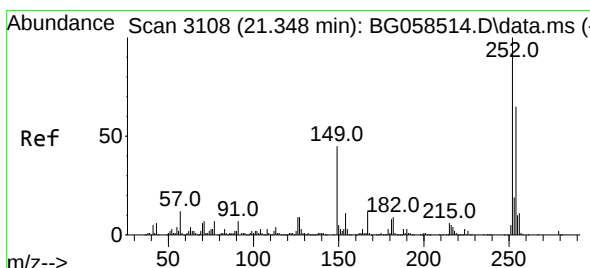
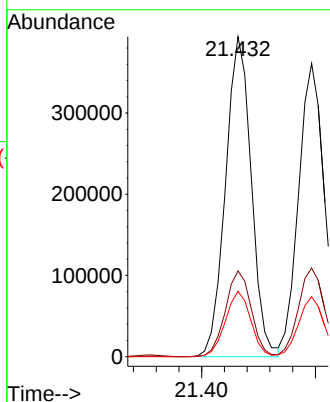
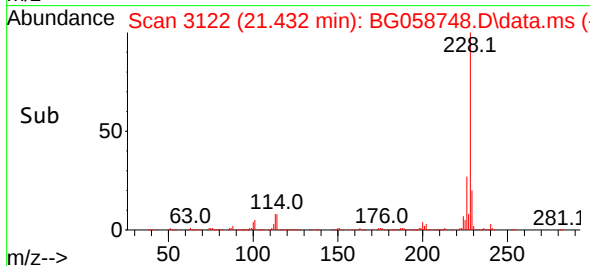
Instrument :
BNA_G
ClientSampleId :
PB154352BS



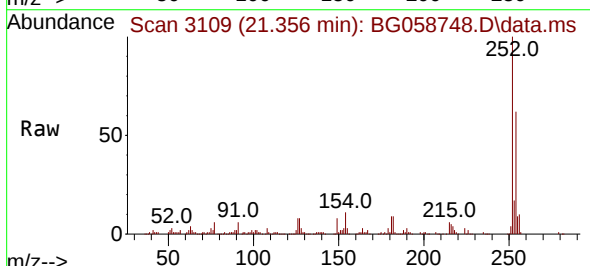
Tgt Ion:228 Resp: 619735
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 20.4 16.3 24.5

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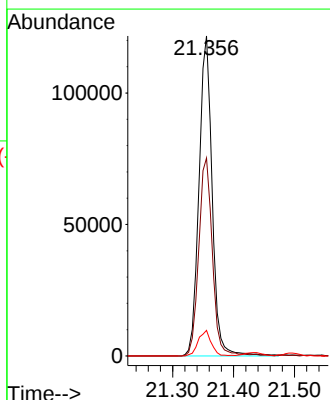
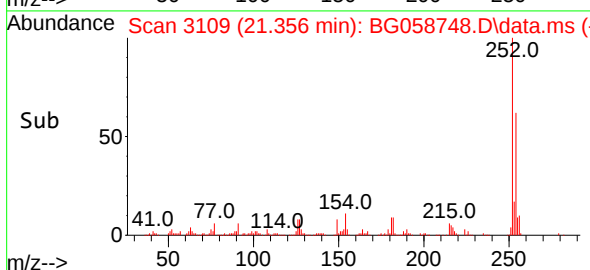
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.028 ng
RT: 21.356 min Scan# 3109
Delta R.T. 0.007 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:252 Resp: 182977
Ion Ratio Lower Upper
252 100
254 61.9 52.2 78.4
126 8.0 7.2 10.8





#83

Chrysene

Concen: 48.314 ng

RT: 21.497 min Scan# 3133

Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

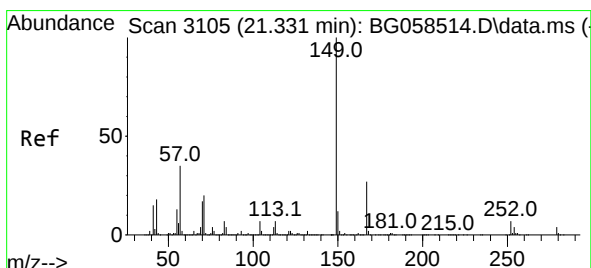
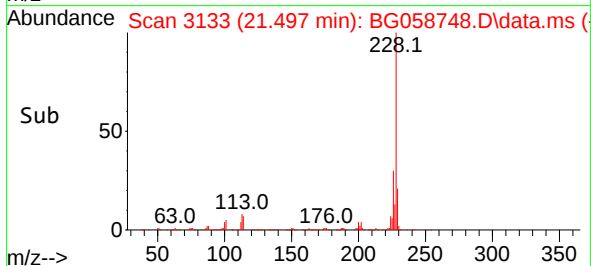
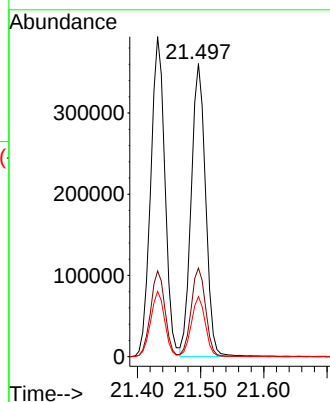
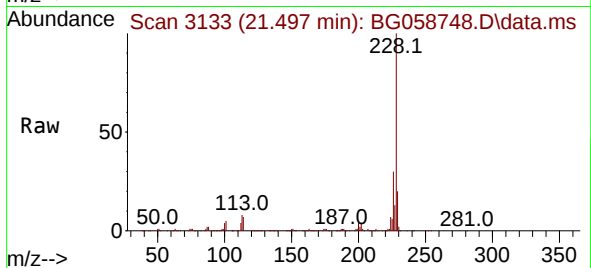
PB154352BS

Tgt Ion:228 Resp: 569382
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 20.5 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: 51.078 ng

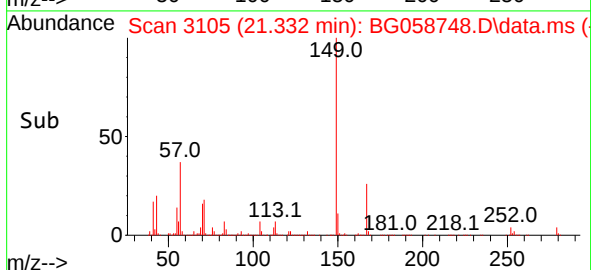
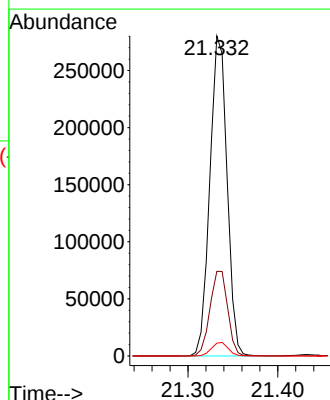
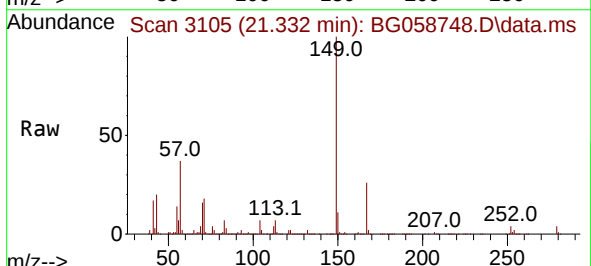
RT: 21.332 min Scan# 3105

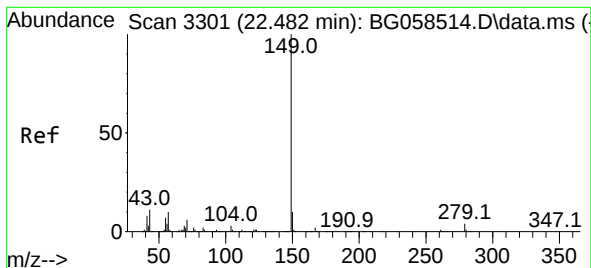
Delta R.T. 0.001 min

Lab File: BG058748.D

Acq: 16 Aug 2023 14:45

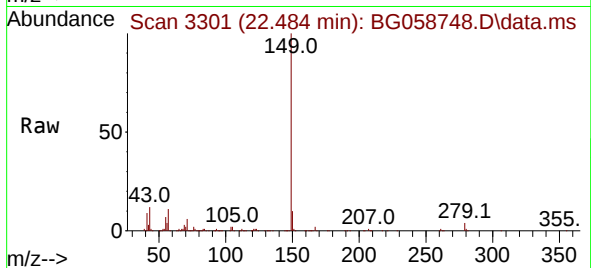
Tgt Ion:149 Resp: 372677
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.8 32.8
 279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 51.169 ng
RT: 22.484 min Scan# 3301
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

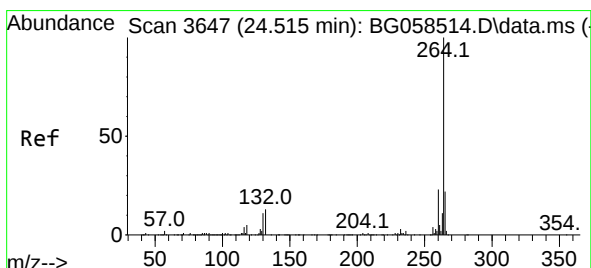
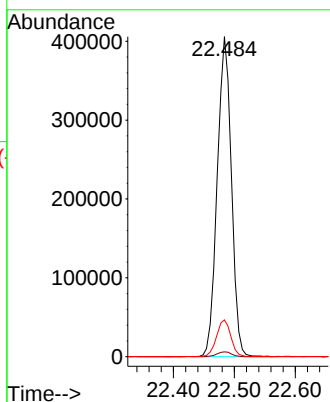
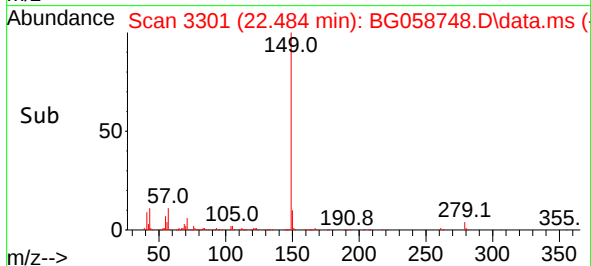
Instrument :
BNA_G
ClientSampleId :
PB154352BS



Tgt Ion:149 Resp: 65638
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 8.2 12.2

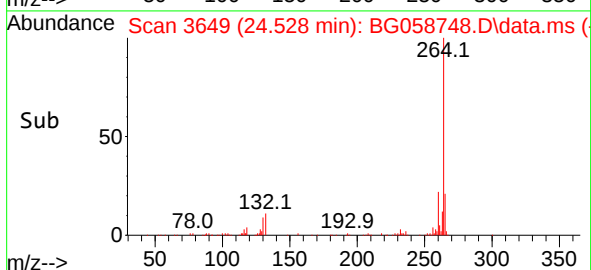
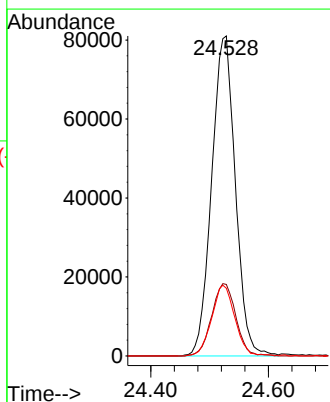
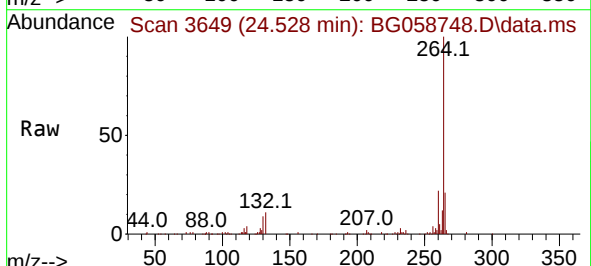
Manual Integrations
APPROVED

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.528 min Scan# 3649
Delta R.T. 0.013 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Tgt Ion:264 Resp: 226413
Ion Ratio Lower Upper
264 100
260 22.3 18.4 27.6
265 21.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.456 ng

RT: 28.030 min Scan# 4245

Delta R.T. 0.019 min

Lab File: BG058748.D

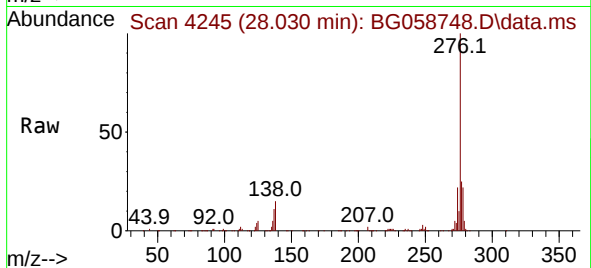
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS



Tgt Ion: 276 Resp: 77505

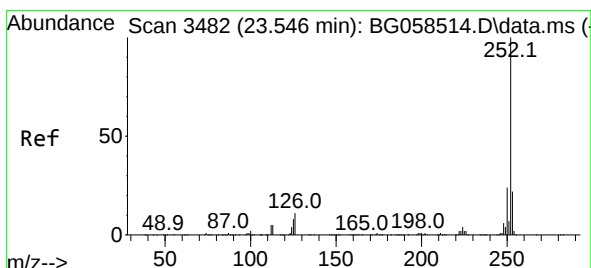
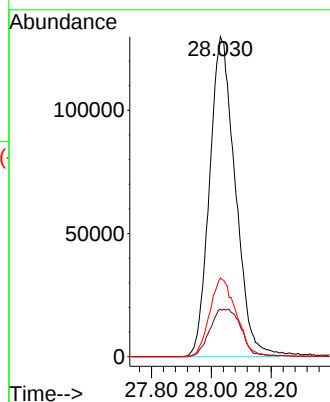
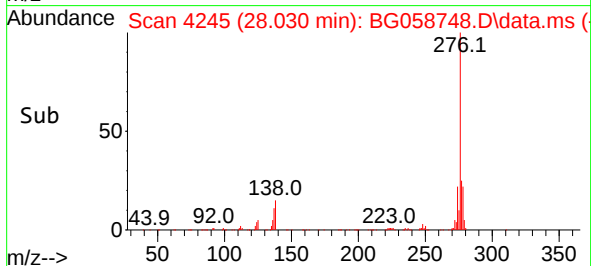
Ion	Ratio	Lower	Upper
276	100		
138	7.5	16.0	24.0
277	25.4	20.4	30.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#88

Benzo(b)fluoranthene

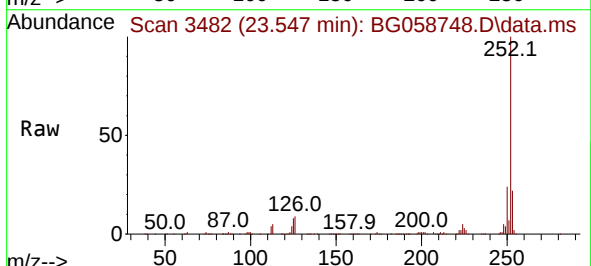
Concen: 54.002 ng

RT: 23.547 min Scan# 3482

Delta R.T. 0.001 min

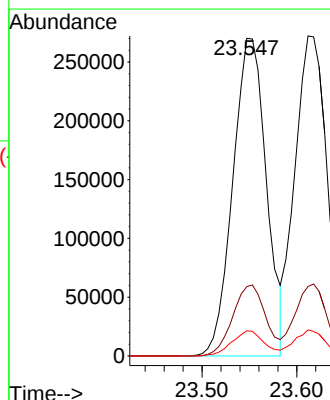
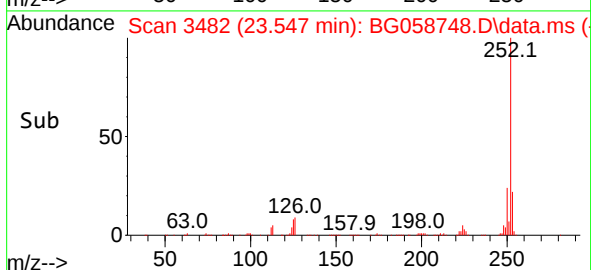
Lab File: BG058748.D

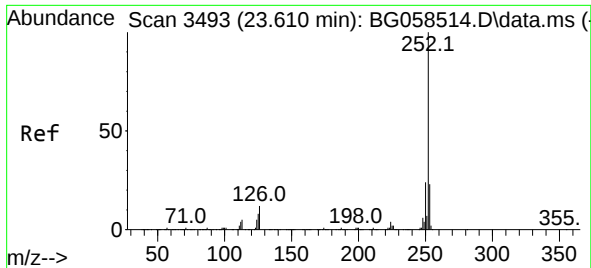
Acq: 16 Aug 2023 14:45



Tgt Ion: 252 Resp: 663152

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	7.9	6.6	9.8





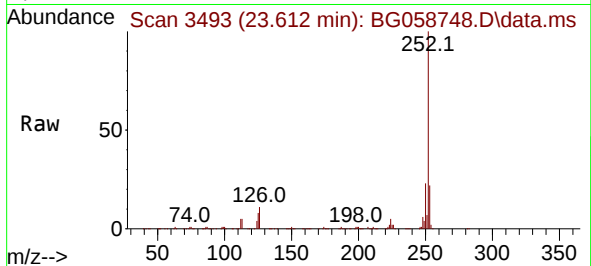
#89
Benzo(k)fluoranthene
Concen: 52.231 ng
RT: 23.612 min Scan# 3493
Delta R.T. 0.001 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

Instrument :

BNA_G

ClientSampleId :

PB154352BS

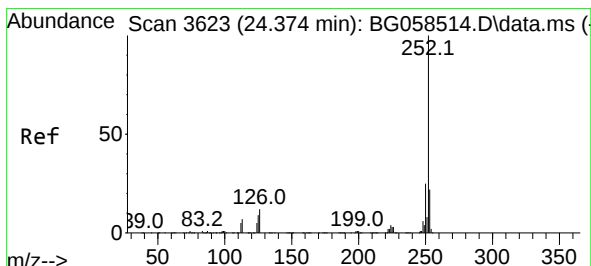
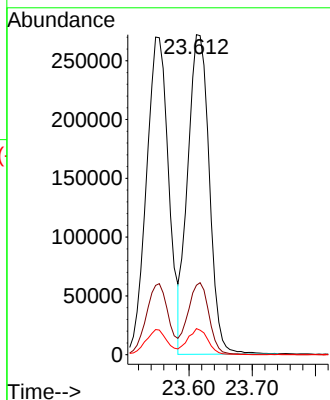
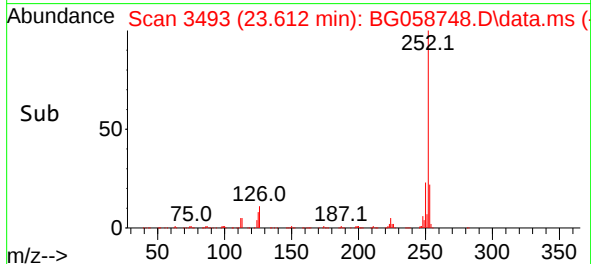


Tgt Ion:252 Resp: 644352
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.1 6.6 10.0

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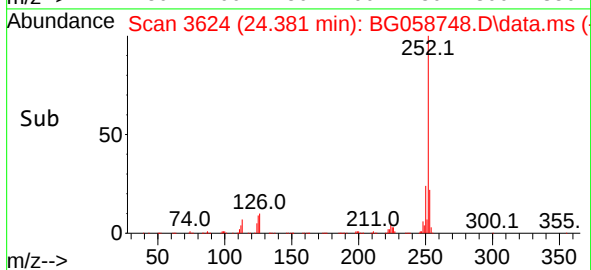
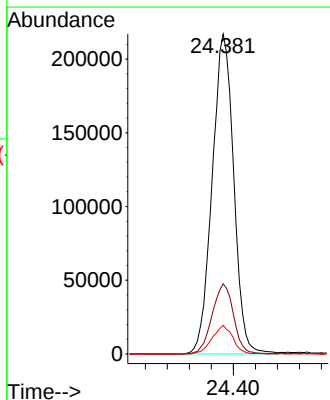
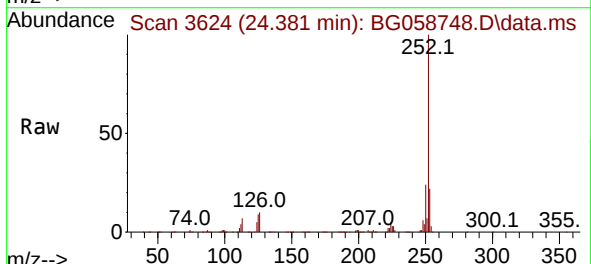
APPROVED

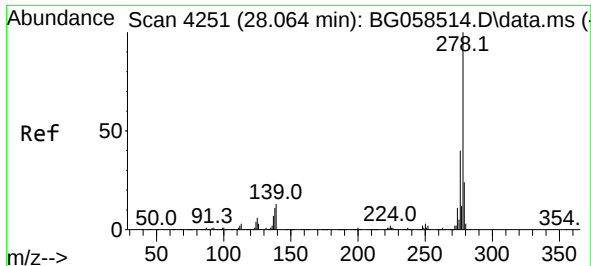
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#90
Benzo(a)pyrene
Concen: 48.872 ng
RT: 24.381 min Scan# 3624
Delta R.T. 0.007 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

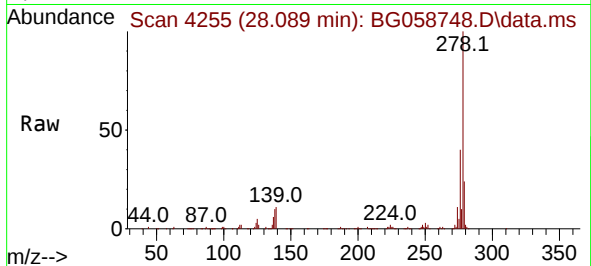
Tgt Ion:252 Resp: 589387
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.9 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 51.878 ng
RT: 28.089 min Scan# 41
Delta R.T. 0.025 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45

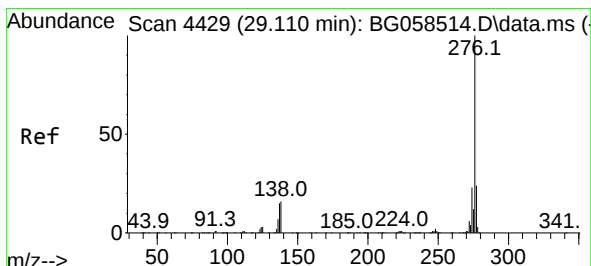
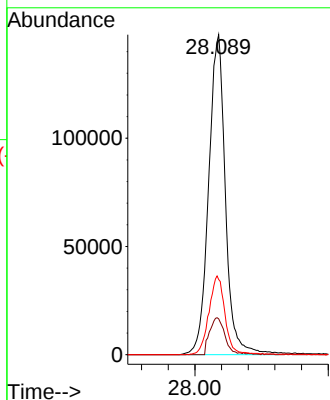
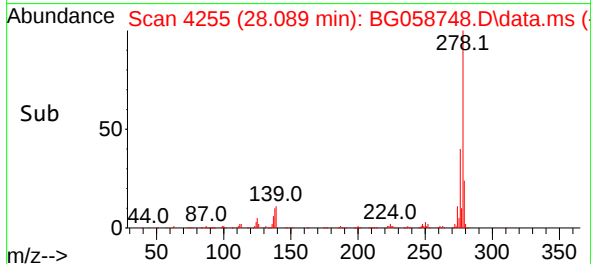
Instrument :
BNA_G
ClientSampleId :
PB154352BS



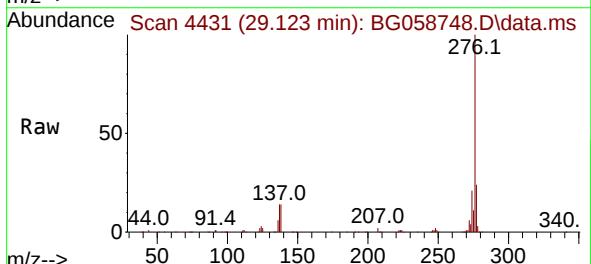
Tgt Ion:278 Resp: 646124
Ion Ratio Lower Upper
278 100
139 11.2 10.4 15.6
279 23.5 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.283 ng
RT: 29.123 min Scan# 4431
Delta R.T. 0.013 min
Lab File: BG058748.D
Acq: 16 Aug 2023 14:45



Tgt Ion:276 Resp: 627980
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 14.2 13.0 19.4

