

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058751.D
 Acq On : 16 Aug 2023 16:47
 Operator : MA/JU
 Sample : PB154435BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154435BS

Quant Time: Aug 16 17:58:12 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	7.805	152	26390	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	112399	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	85360	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	215755	20.000	ng	0.00
76) Chrysene-d12	21.448	240	182246	20.000	ng	0.00
86) Perylene-d12	24.521	264	229448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	247696	143.461	ng	0.00
7) Phenol-d6	6.988	99	341938	142.326	ng	0.00
23) Nitrobenzene-d5	8.974	82	211827	92.581	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	188002	134.372	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	506436	88.911	ng	0.00
79) Terphenyl-d14	19.826	244	943655	97.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	27731	33.145	ng	# 87
3) Pyridine	3.657	79	71075	31.160	ng	# 77
4) n-Nitrosodimethylamine	3.580	42	48757	50.449	ng	83
6) Aniline	7.135	93	84974	28.727	ng	96
8) 2-Chlorophenol	7.376	128	89830	53.034	ng	97
9) Benzaldehyde	6.947	77	45991	35.235	ng	95
10) Phenol	7.012	94	123141	52.470	ng	94
11) bis(2-Chloroethyl)ether	7.235	93	82829	44.768	ng	96
12) 1,3-Dichlorobenzene	7.699	146	86012	47.555	ng	98
13) 1,4-Dichlorobenzene	7.846	146	88280	48.610	ng	98
14) 1,2-Dichlorobenzene	8.163	146	85864	49.452	ng	98
15) Benzyl Alcohol	8.052	79	91190	59.851	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	178724m	59.467	ng	
17) 2-Methylphenol	8.263	107	85253	49.682	ng	98
18) Hexachloroethane	8.886	117	32439	49.143	ng	98
19) n-Nitroso-di-n-propyla...	8.616	70	72639	46.808	ng	91
20) 3+4-Methylphenols	8.586	107	115338	49.691	ng	98
22) Acetophenone	8.633	105	142784	47.443	ng	93
24) Nitrobenzene	9.021	77	108360	46.585	ng	95
25) Isophorone	9.538	82	215878	45.665	ng	99
26) 2-Nitrophenol	9.726	139	48666	48.064	ng	93
27) 2,4-Dimethylphenol	9.791	122	82714	49.249	ng	95
28) bis(2-Chloroethoxy)met...	10.020	93	116413	45.249	ng	99
29) 2,4-Dichlorophenol	10.267	162	94263	54.055	ng	97
30) 1,2,4-Trichlorobenzene	10.472	180	97352	48.408	ng	98
31) Naphthalene	10.660	128	275625	46.526	ng	99
32) Benzoic acid	9.967	122	52333	41.499	ng	98
33) 4-Chloroaniline	10.778	127	55998	22.373	ng	97
34) Hexachlorobutadiene	10.937	225	64257	49.615	ng	98
35) Caprolactam	11.559	113	33312m	51.730	ng	
36) 4-Chloro-3-methylphenol	11.912	107	116040	53.793	ng	96
37) 2-Methylnaphthalene	12.276	142	193124	45.574	ng	96
38) 1-Methylnaphthalene	12.499	142	189159	46.959	ng	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	117400	44.798	ng	99
41) Hexachlorocyclopentadiene	12.623	237	97278	79.926	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	85690	47.539	ng	94

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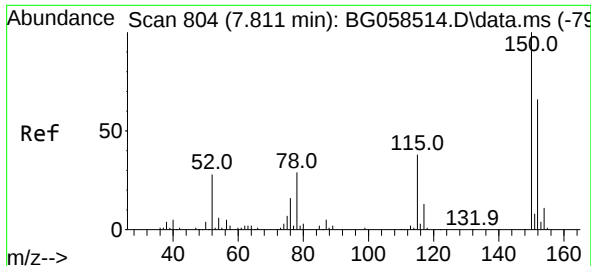
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	96966	45.672	ng	98
46) 1,1'-Biphenyl	13.287	154	267393	45.614	ng	99
47) 2-Chloronaphthalene	13.334	162	213256	46.657	ng	98
48) 2-Nitroaniline	13.545	65	87740	50.292	ng	98
49) Acenaphthylene	14.180	152	363518	47.504	ng	99
50) Dimethylphthalate	13.915	163	307256	47.928	ng	99
51) 2,6-Dinitrotoluene	14.045	165	70314	49.987	ng	98
52) Acenaphthene	14.521	154	203285	45.974	ng	99
53) 3-Nitroaniline	14.374	138	39010	27.719	ng	91
54) 2,4-Dinitrophenol	14.591	184	77039	95.550	ng	94
55) Dibenzofuran	14.855	168	355582	46.800	ng	98
56) 4-Nitrophenol	14.697	139	99292	94.582	ng	87
57) 2,4-Dinitrotoluene	14.838	165	99885	51.220	ng	# 98
58) Fluorene	15.508	166	291294	48.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.090	232	88179	48.673	ng	97
60) Diethylphthalate	15.278	149	325208	49.795	ng	99
61) 4-Chlorophenyl-phenylether	15.496	204	158618	47.137	ng	95
62) 4-Nitroaniline	15.543	138	68549	51.418	ng	93
63) Azobenzene	15.790	77	300932	46.781	ng	96
65) 4,6-Dinitro-2-methylph...	15.602	198	59158	49.727	ng	98
66) n-Nitrosodiphenylamine	15.719	169	261159	46.507	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	110935	45.333	ng	98
68) Hexachlorobenzene	16.512	284	124642	48.067	ng	96
69) Atrazine	16.665	200	108678	57.330	ng	97
70) Pentachlorophenol	16.859	266	117009	74.549	ng	98
71) Phenanthrene	17.247	178	481857	47.093	ng	99
72) Anthracene	17.341	178	489547	46.628	ng	99
73) Carbazole	17.611	167	448115	48.402	ng	99
74) Di-n-butylphthalate	18.163	149	560831	48.363	ng	99
75) Fluoranthene	19.262	202	586797	47.742	ng	97
77) Benzidine	19.450	184	167028	60.439	ng	98
78) Pyrene	19.626	202	594672	47.946	ng	98
80) Butylbenzylphthalate	20.508	149	250455	49.161	ng	99
81) Benzo(a)anthracene	21.430	228	597416	47.633	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	156633	36.937	ng	99
83) Chrysene	21.495	228	560714	46.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	363242	48.791	ng	99
85) Di-n-octyl phthalate	22.482	149	634003	48.438	ng	96
87) Indeno(1,2,3-cd)pyrene	28.022	276	747743	48.986	ng	98
88) Benzo(b)fluoranthene	23.545	252	648937	52.145	ng	100
89) Benzo(k)fluoranthene	23.610	252	602384	48.183	ng	99
90) Benzo(a)pyrene	24.374	252	566151	46.324	ng	99
91) Dibenzo(a,h)anthracene	28.075	278	628228	49.774	ng	98
92) Benzo(g,h,i)perylene	29.115	276	588066	46.464	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 80
Delta R.T. -0.006 min
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BNA_G

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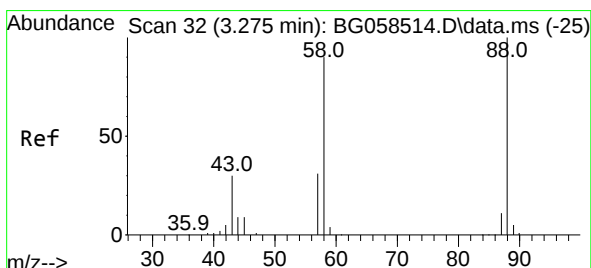
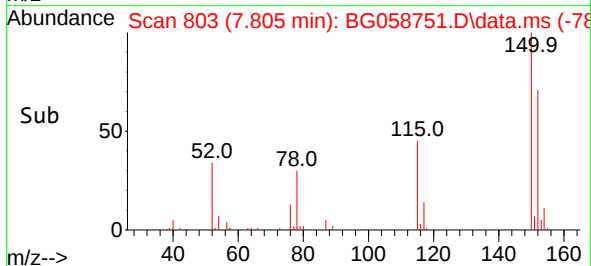
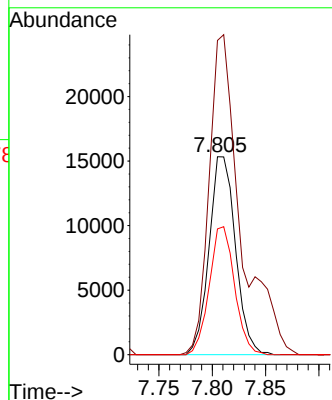
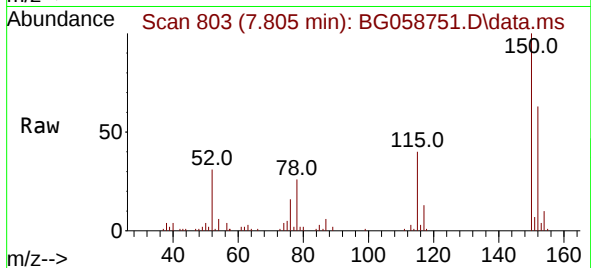
PB154435BS

Tgt Ion:152 Resp: 26390
Ion Ratio Lower Upper
152 100
150 158.8 120.5 180.7
115 63.5 45.9 68.9

Manual Integrations

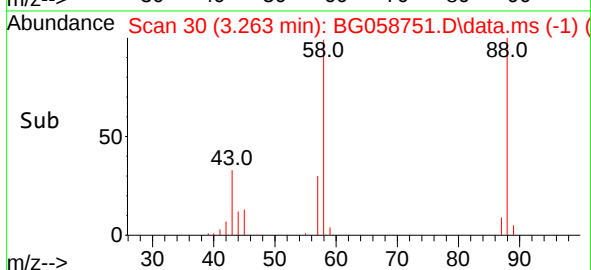
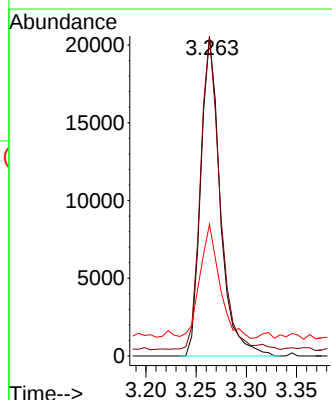
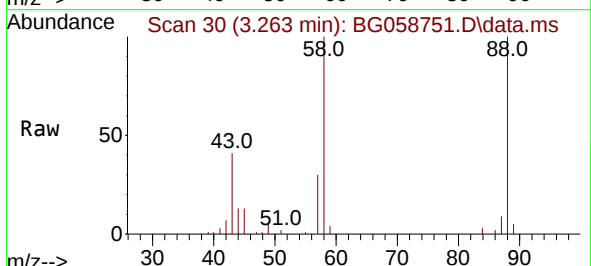
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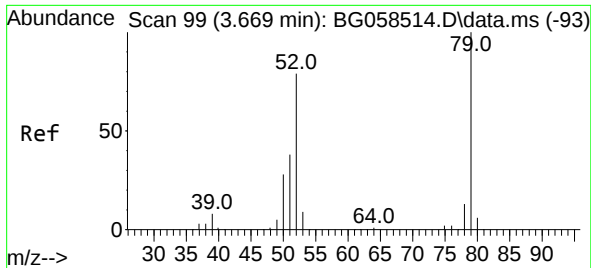
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#2
1,4-Dioxane
Concen: 33.145 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 88 Resp: 27731
Ion Ratio Lower Upper
88 100
58 97.5 68.9 103.3
43 35.9 22.9 34.3#





#3
Pyridine
Concen: 31.160 ng
RT: 3.657 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

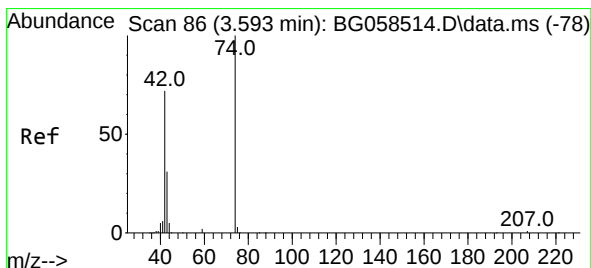
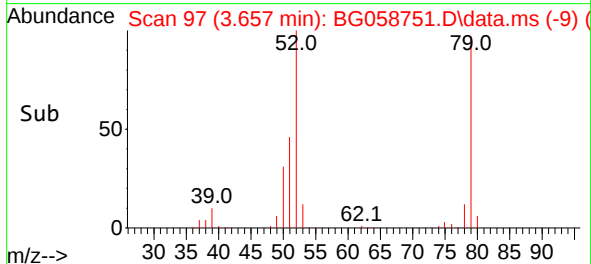
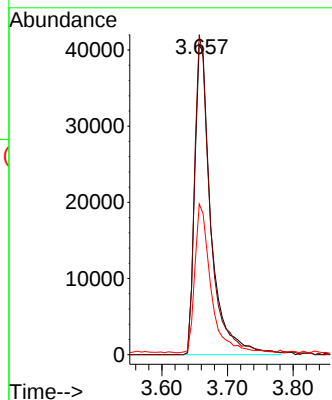
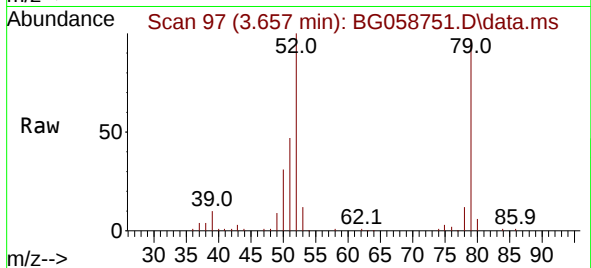
ClientSampleId :

PB154435BS

Tgt Ion: 79 Resp: 7107
Ion Ratio Lower Upper
79 100
52 103.1 63.2 94.8
51 48.6 31.9 47.9

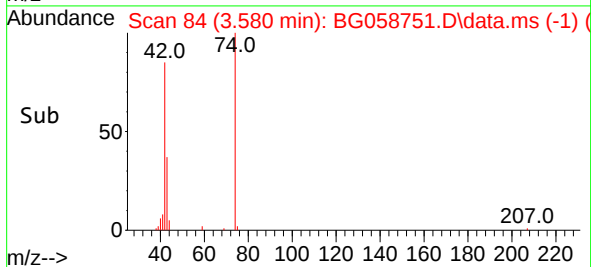
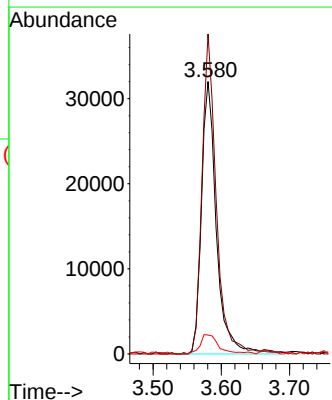
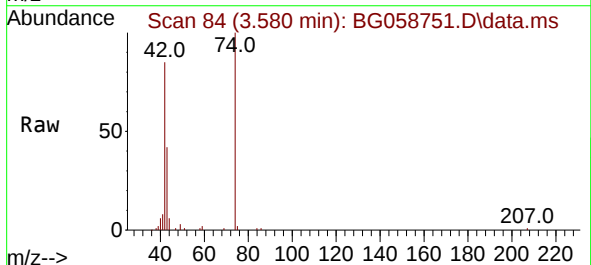
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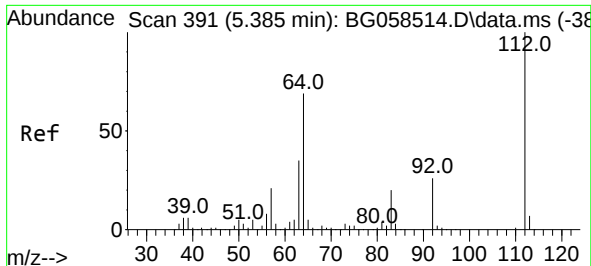
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#4
n-Nitrosodimethylamine
Concen: 50.449 ng
RT: 3.580 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 42 Resp: 48757
Ion Ratio Lower Upper
42 100
74 117.5 111.5 167.3
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 143.461 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

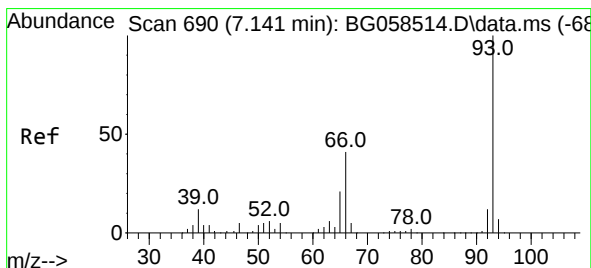
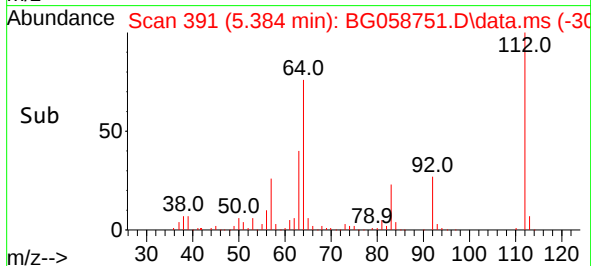
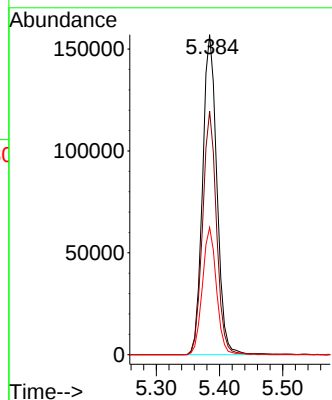
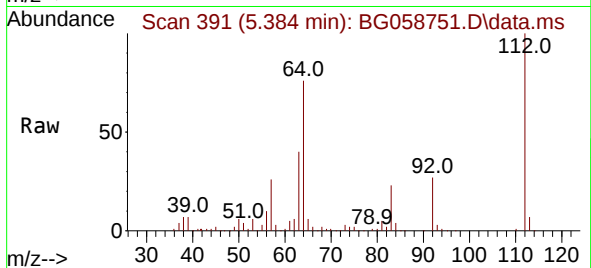
PB154435BS

Tgt Ion:112 Resp: 247690
Ion Ratio Lower Upper
112 100
64 76.1 55.3 82.9
63 39.8 28.3 42.5

Manual Integrations

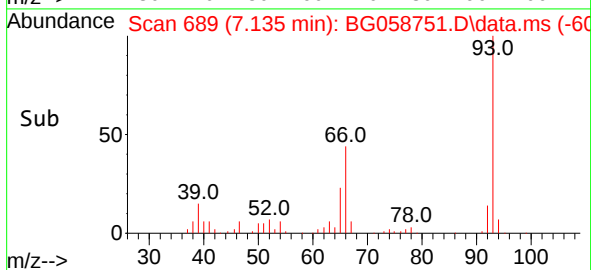
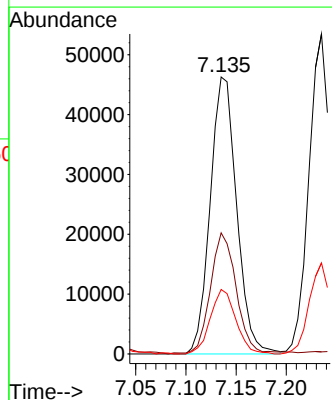
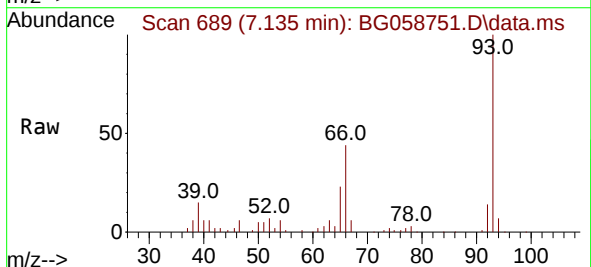
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#6
Aniline
Concen: 28.727 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 93 Resp: 84974
Ion Ratio Lower Upper
93 100
66 43.7 33.1 49.7
65 23.3 17.0 25.4





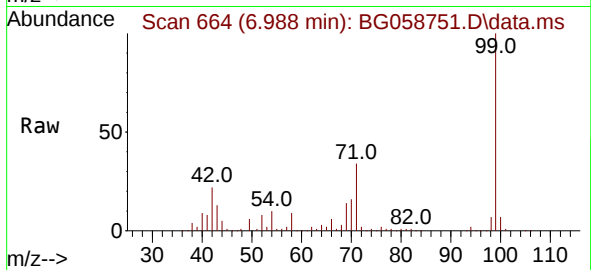
#7
Phenol-d6
Concen: 142.326 ng
RT: 6.988 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

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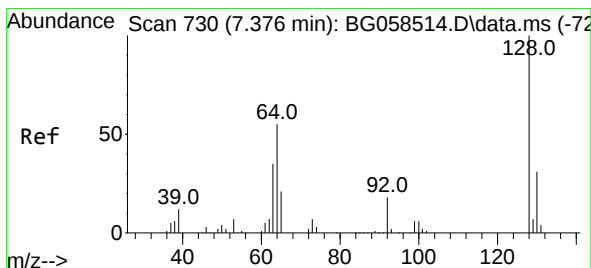
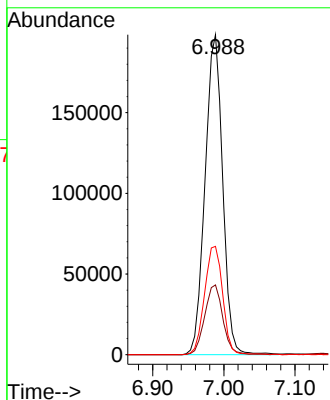
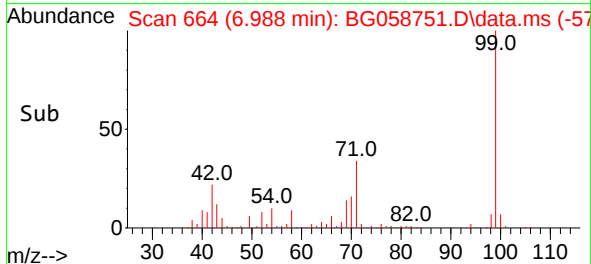


Tgt Ion: 99 Resp: 341938
Ion Ratio Lower Upper
99 100
42 21.8 14.6 21.8
71 33.9 25.0 37.4

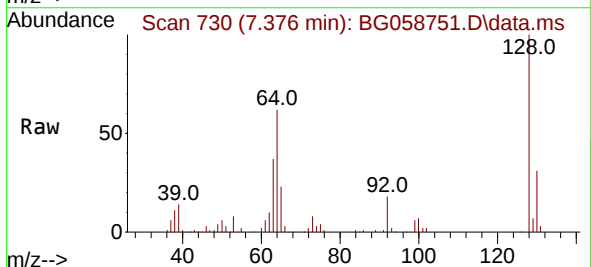
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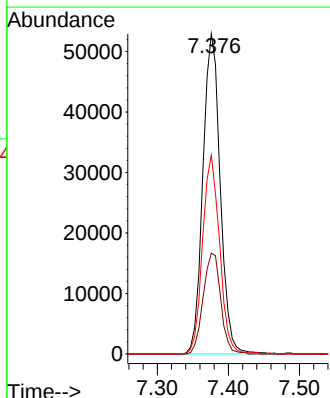
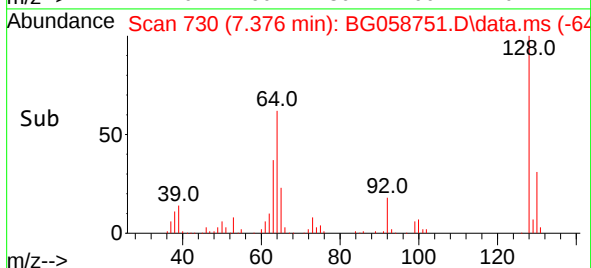
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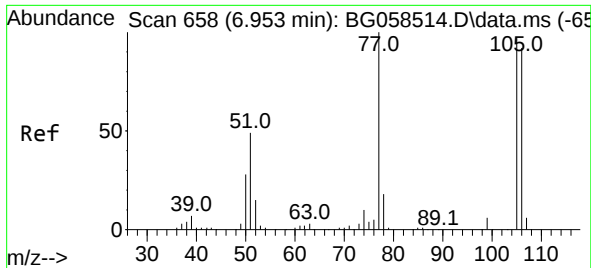


#8
2-Chlorophenol
Concen: 53.034 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:128 Resp: 89830
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 62.2 39.0 79.0





#9
Benzaldehyde
Concen: 35.235 ng
RT: 6.947 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

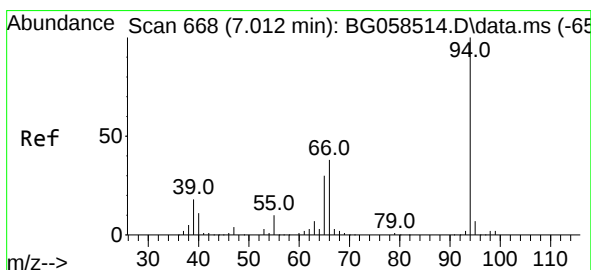
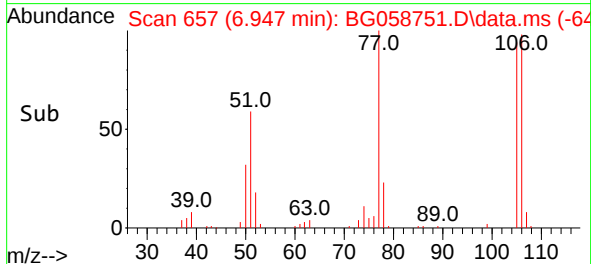
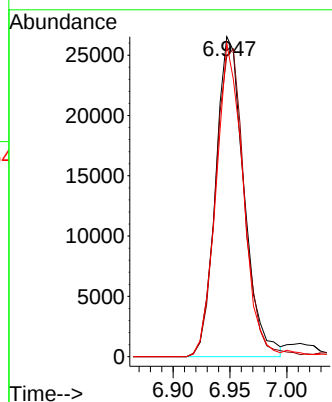
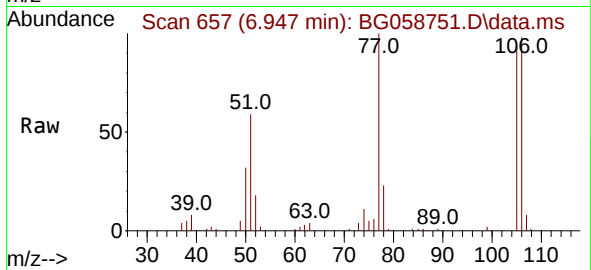
ClientSampleId :

PB154435BS

Tgt Ion: 77 Resp: 4599
Ion Ratio Lower Upper
77 100
105 93.8 77.1 117.1
106 97.8 71.6 111.6

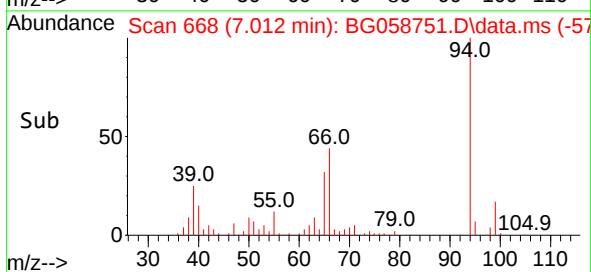
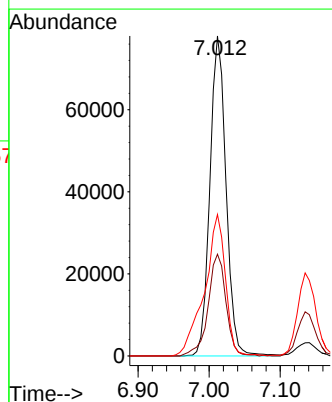
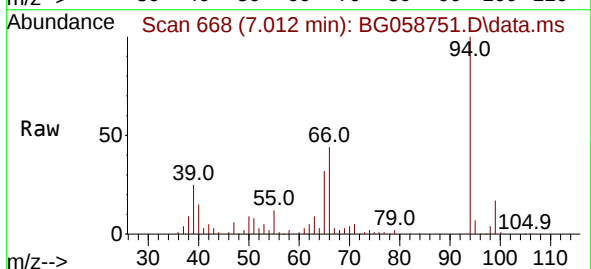
Manual Integrations
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#10
Phenol
Concen: 52.470 ng
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 94 Resp: 123141
Ion Ratio Lower Upper
94 100
65 31.8 10.4 50.4
66 44.2 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 44.768 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

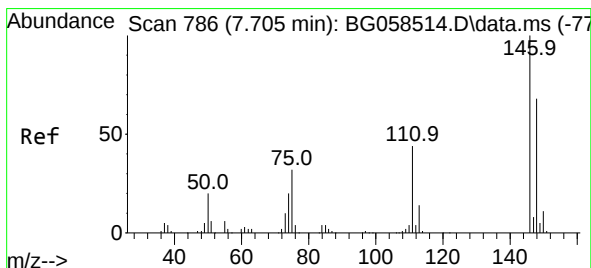
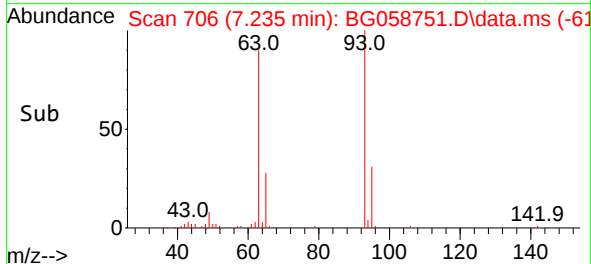
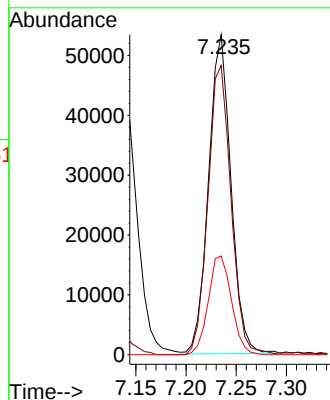
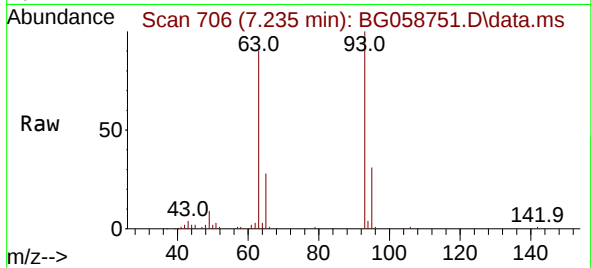
ClientSampleId :

PB154435BS

Tgt Ion: 93 Resp: 82829
Ion Ratio Lower Upper
93 100
63 90.4 65.5 105.5
95 30.8 11.2 51.2

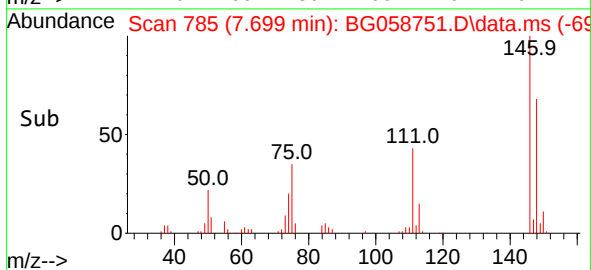
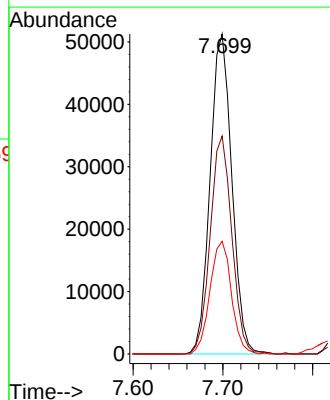
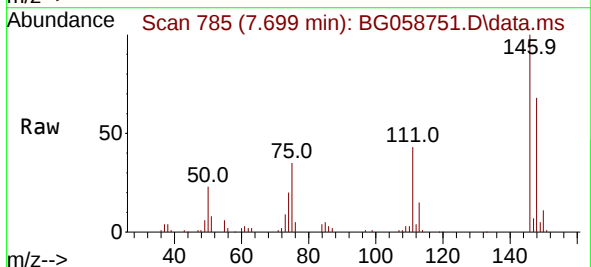
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 47.555 ng
RT: 7.699 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:146 Resp: 86012
Ion Ratio Lower Upper
146 100
148 68.1 54.7 82.1
75 35.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.610 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

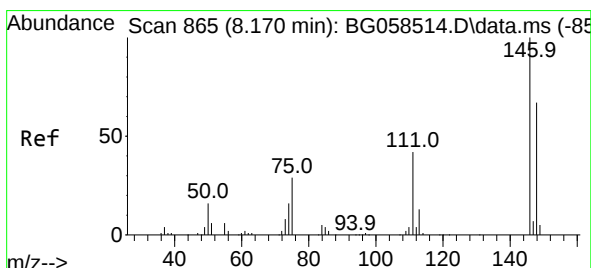
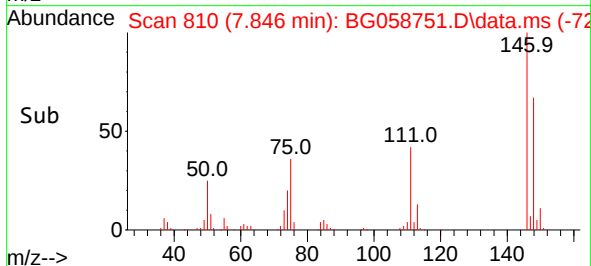
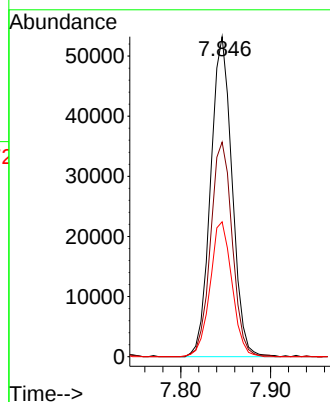
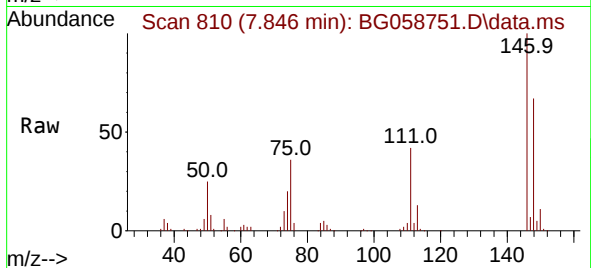
Tgt Ion:146 Resp: 88280
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.8 79.2
 111 42.1 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 49.452 ng

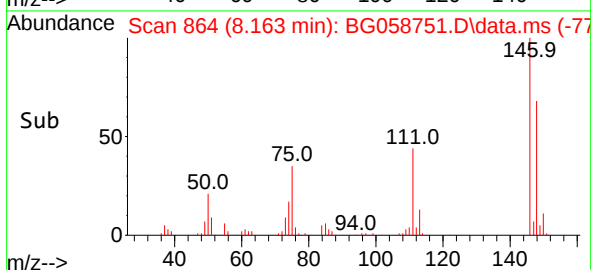
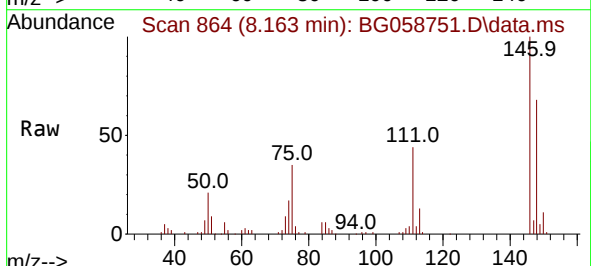
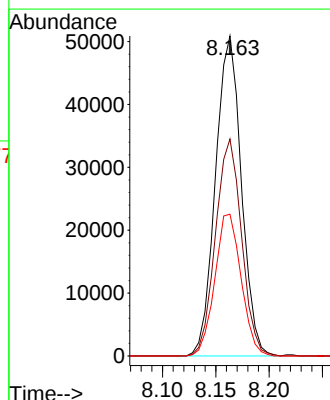
RT: 8.163 min Scan# 864

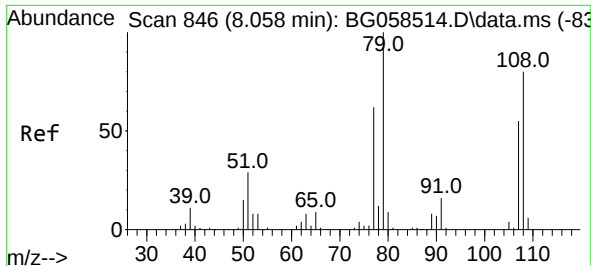
Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Tgt Ion:146 Resp: 85864
 Ion Ratio Lower Upper
 146 100
 148 67.8 53.4 80.2
 111 44.3 34.2 51.2





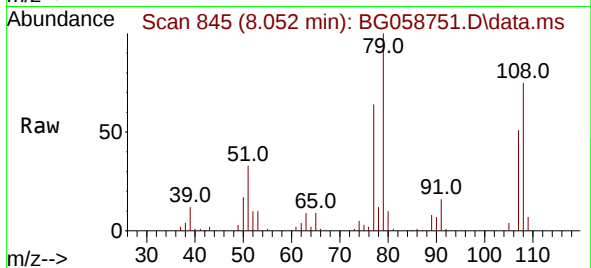
#15
Benzyl Alcohol
Concen: 59.851 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

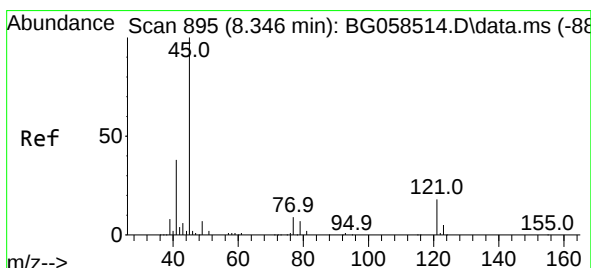
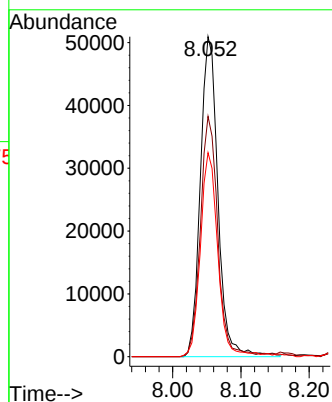
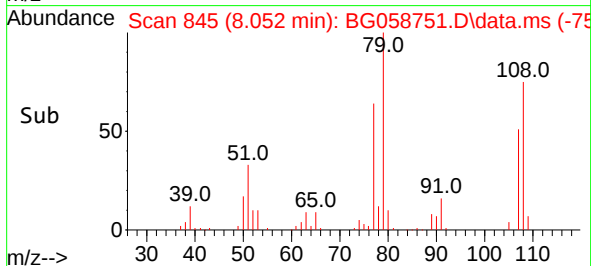
PB154435BS



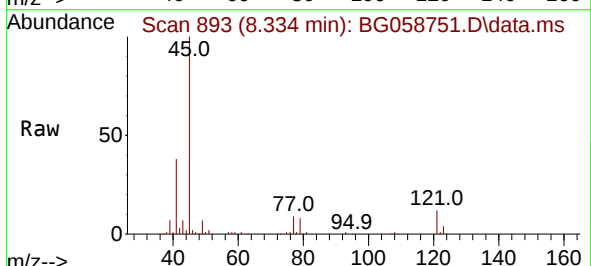
Tgt Ion: 79 Resp: 91190
Ion Ratio Lower Upper
79 100
108 75.1 63.8 95.6
77 63.8 49.8 74.6

Manual Integrations
APPROVED

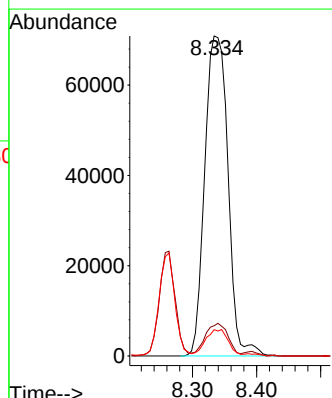
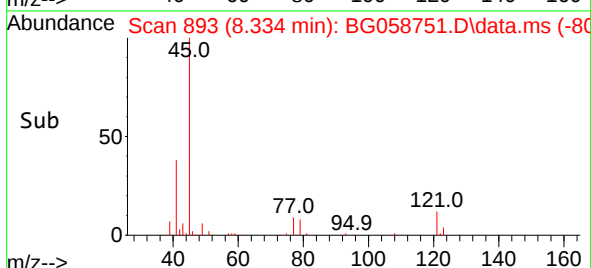
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.467 ng m
RT: 8.334 min Scan# 893
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion: 45 Resp: 178724
Ion Ratio Lower Upper
45 100
77 9.4 0.0 32.6
79 8.2 0.0 30.2





#17

2-Methylphenol

Concen: 49.682 ng

RT: 8.263 min Scan# 80

Delta R.T. 0.005 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

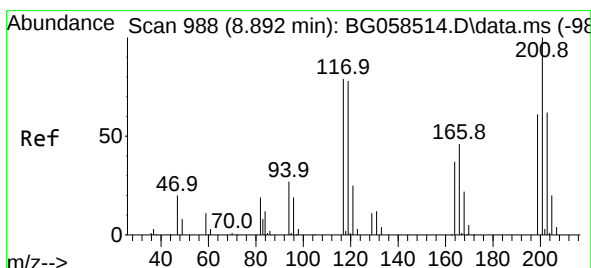
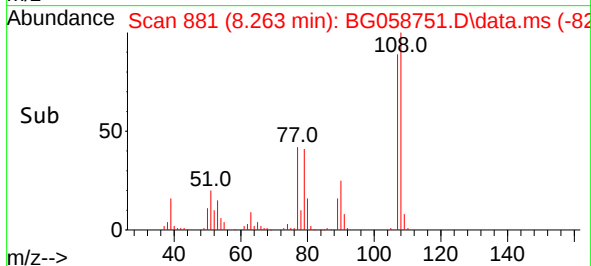
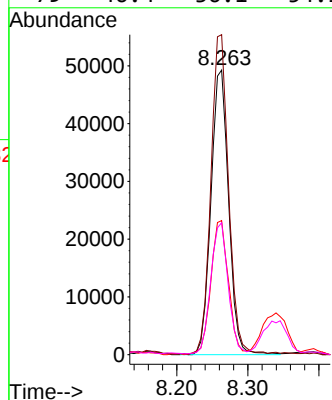
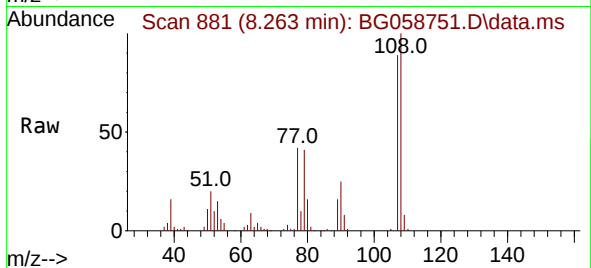
Tgt Ion:	107	Resp:	8525
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.1	133.7
77	47.1	36.2	54.4
79	46.4	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#18

Hexachloroethane

Concen: 49.143 ng

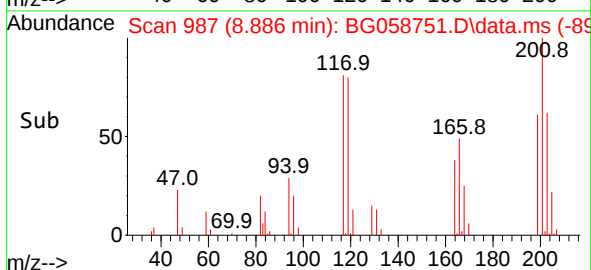
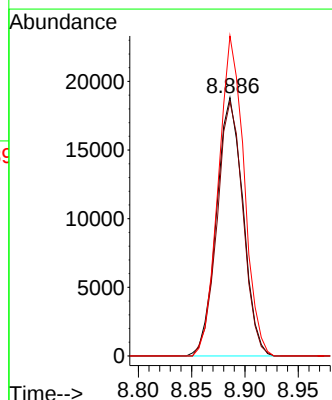
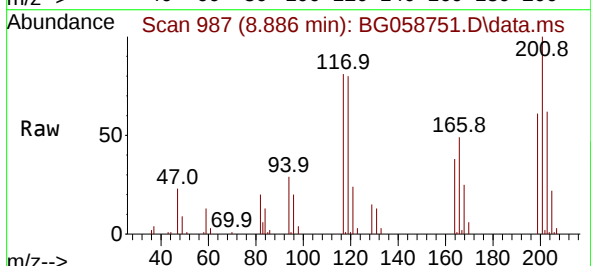
RT: 8.886 min Scan# 987

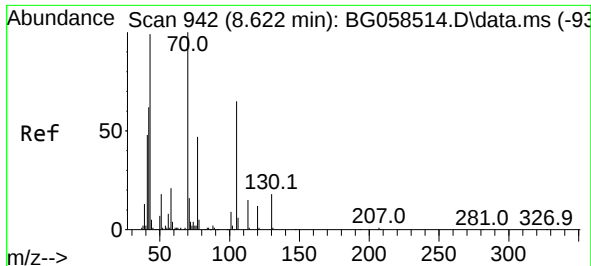
Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Tgt Ion:	117	Resp:	32439
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.6	117.8
201	123.8	101.4	152.0





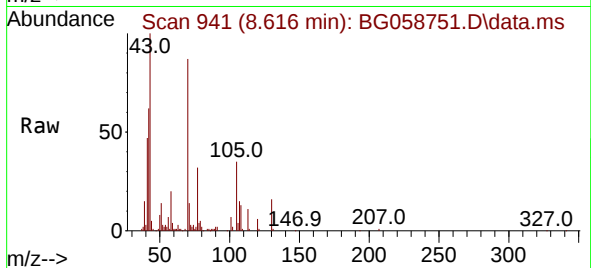
#19
n-Nitroso-di-n-propylamine
Concen: 46.808 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

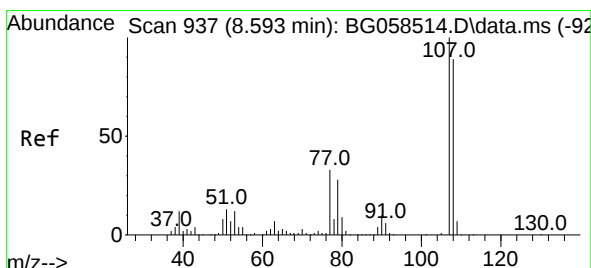
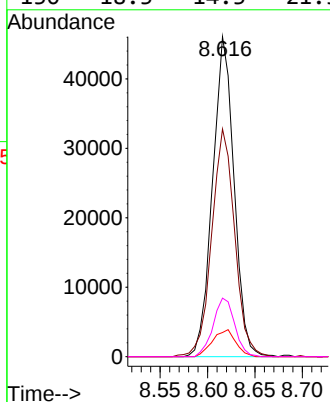
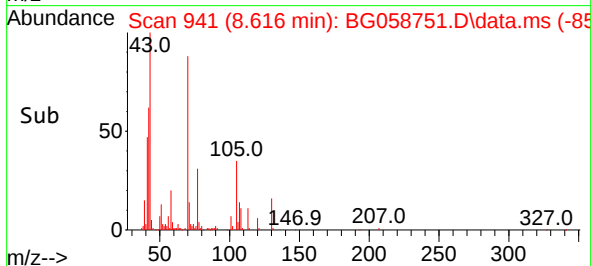


Tgt Ion: 70 Resp: 72639
Ion Ratio Lower Upper
70 100
42 71.2 49.7 74.5
101 7.6 7.0 10.4
130 18.3 14.3 21.5

Manual Integrations

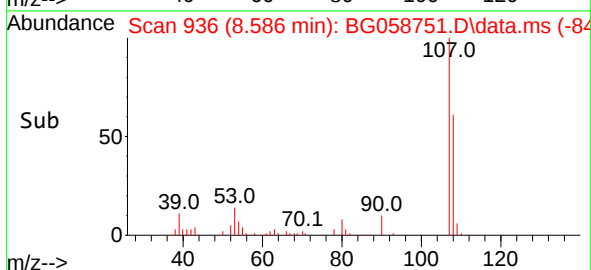
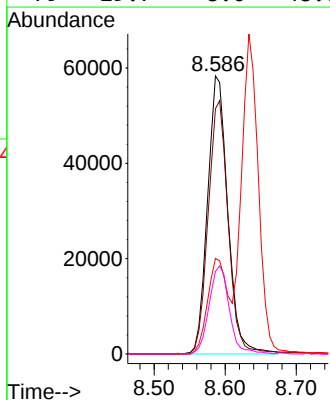
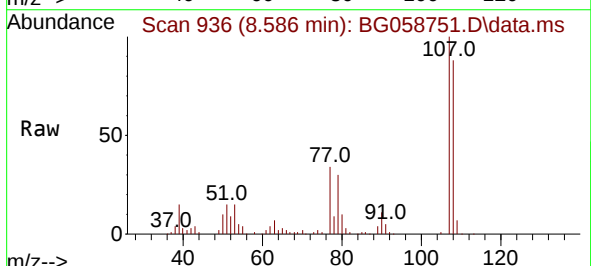
APPROVED

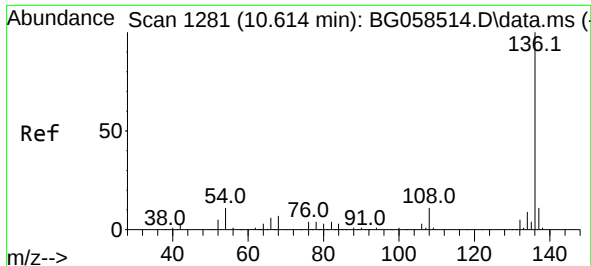
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#20
3+4-Methylphenols
Concen: 49.691 ng
RT: 8.586 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:107 Resp: 115338
Ion Ratio Lower Upper
107 100
108 88.2 69.4 109.4
77 34.4 13.0 53.0
79 29.7 8.0 48.0





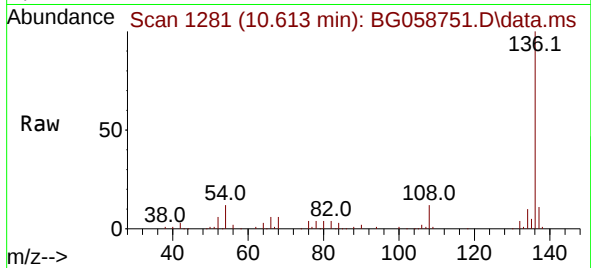
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.613 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

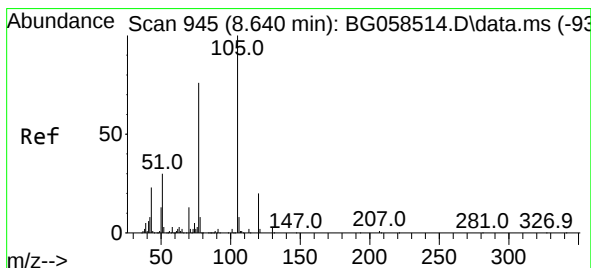
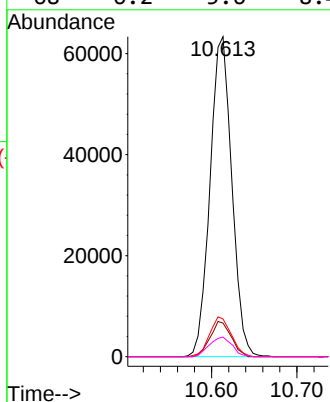
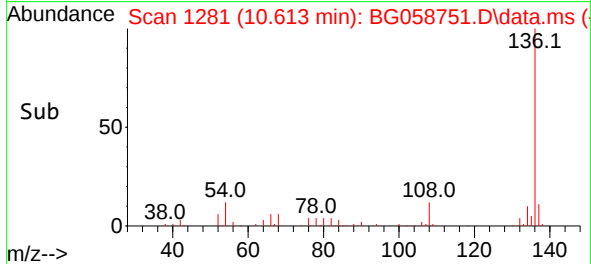


Tgt Ion:136 Resp: 112395
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.8 8.9 13.3
68 6.2 5.6 8.4

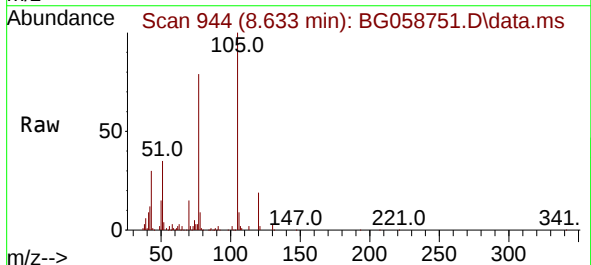
Manual Integrations

APPROVED

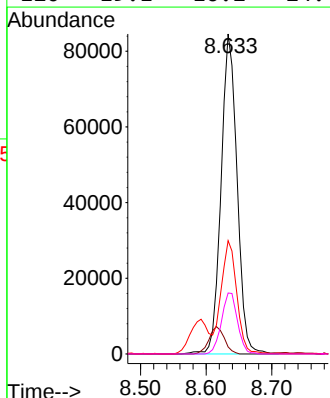
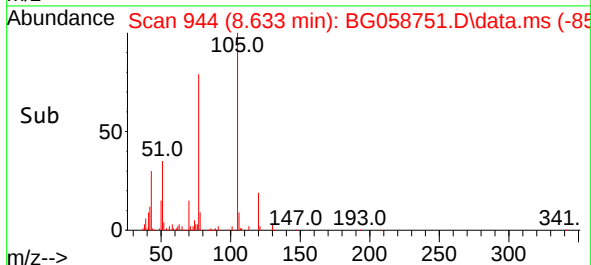
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

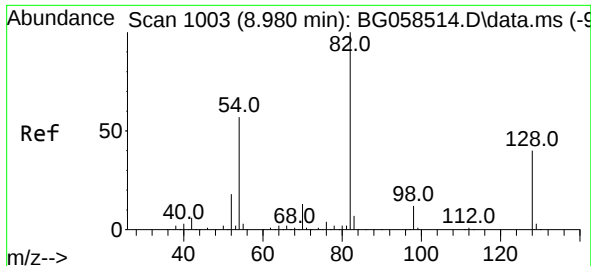


#22
Acetophenone
Concen: 47.443 ng
RT: 8.633 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:105 Resp: 142784
Ion Ratio Lower Upper
105 100
71 2.2 1.8 2.6
51 35.4 24.2 36.2
120 19.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 92.581 ng

RT: 8.974 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG058751.D

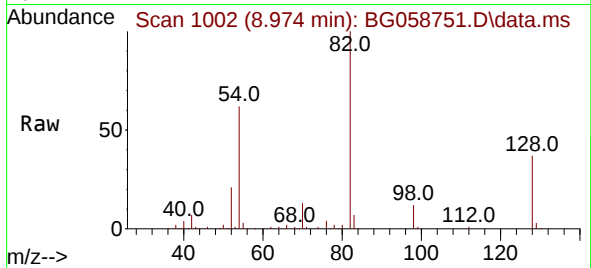
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS



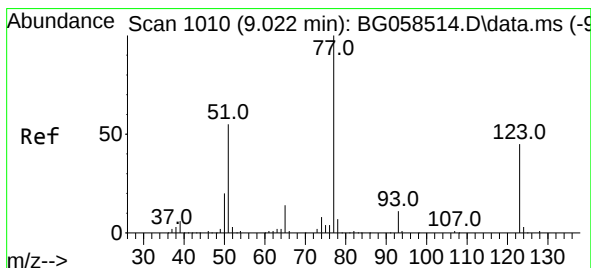
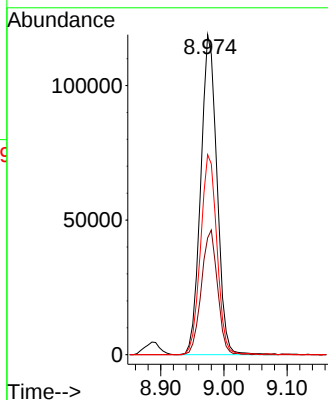
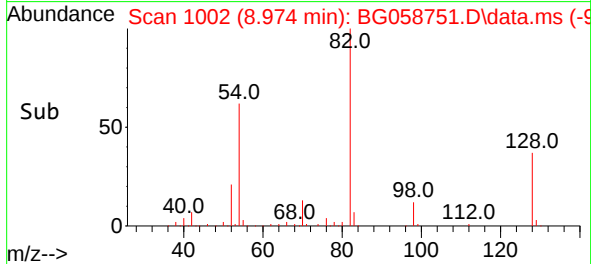
Tgt Ion:	82	Resp:	21182
Ion Ratio	Lower	Upper	
82	100		
128	36.5	32.2	48.2
54	62.5	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#24

Nitrobenzene

Concen: 46.585 ng

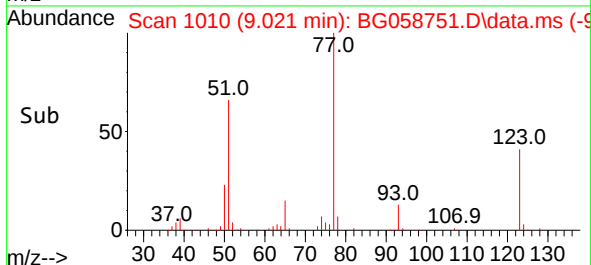
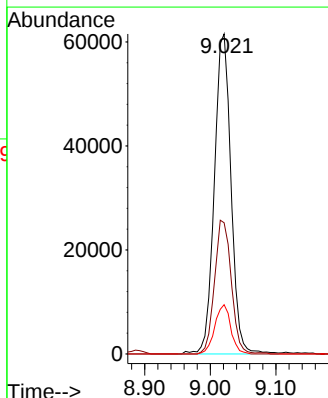
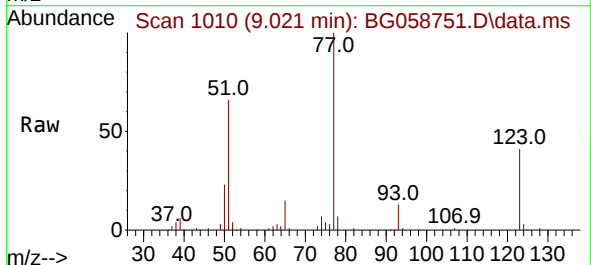
RT: 9.021 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Tgt Ion:	77	Resp:	108360
Ion Ratio	Lower	Upper	
77	100		
123	41.0	35.6	53.4
65	15.4	11.4	17.0





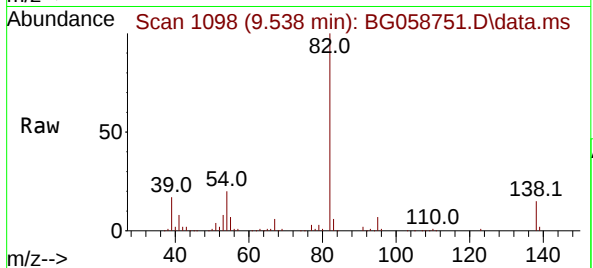
#25
Isophorone
Concen: 45.665 ng
RT: 9.538 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

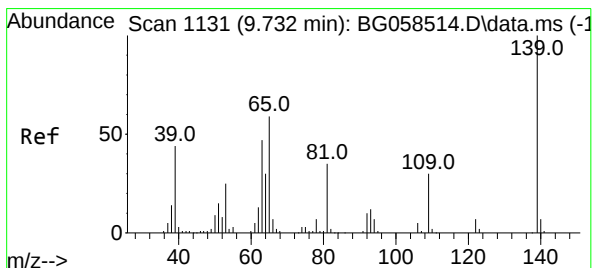
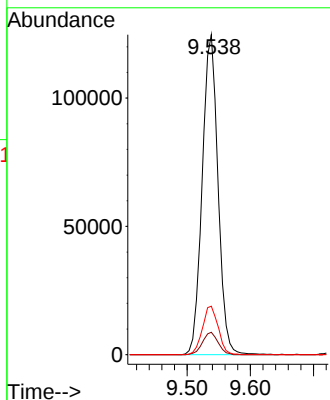
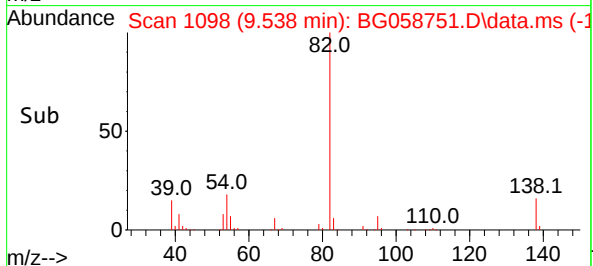


Tgt Ion: 82 Resp: 215878
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 15.2 11.9 17.9

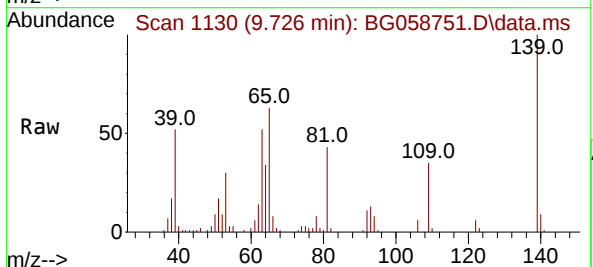
Manual Integrations

APPROVED

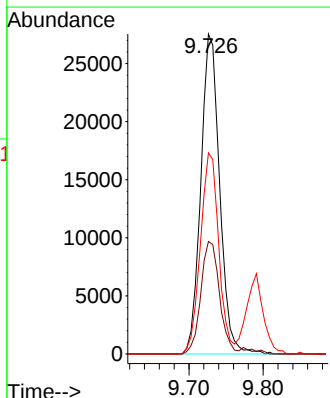
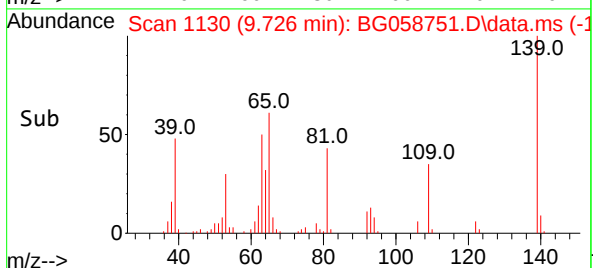
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

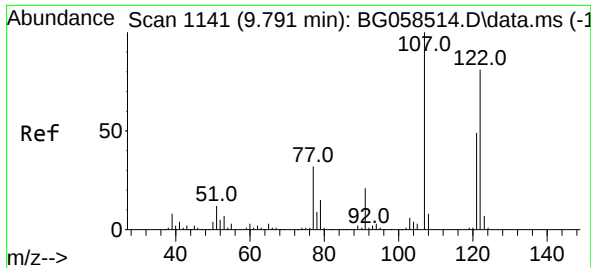


#26
2-Nitrophenol
Concen: 48.064 ng
RT: 9.726 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:139 Resp: 48666
Ion Ratio Lower Upper
139 100
109 35.1 24.2 36.2
65 62.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.249 ng

RT: 9.791 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BG058751.D

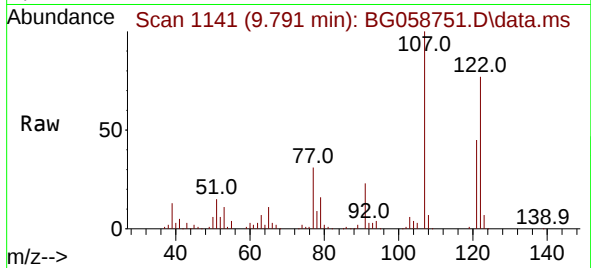
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS



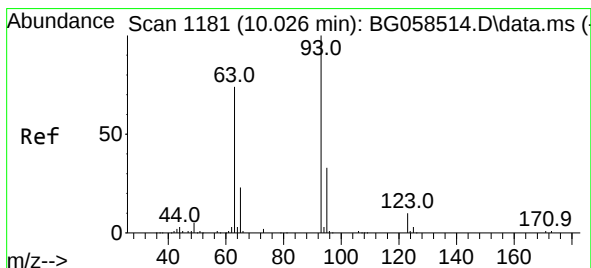
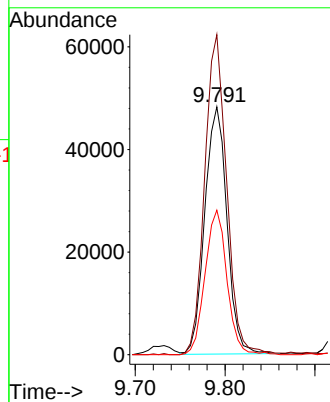
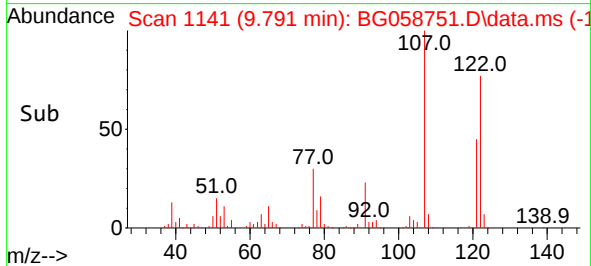
Tgt Ion:	122	Resp:	82714
Ion Ratio	Lower	Upper	
122	100		
107	129.2	98.0	147.0
121	58.3	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.249 ng

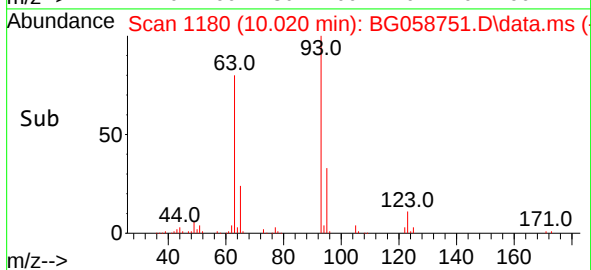
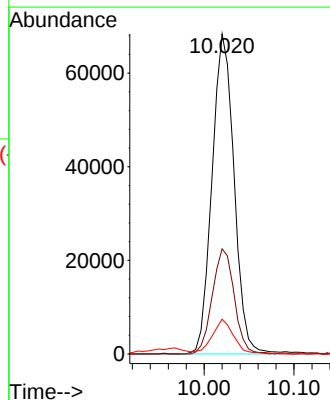
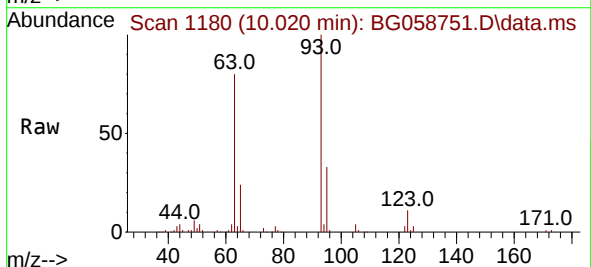
RT: 10.020 min Scan# 1180

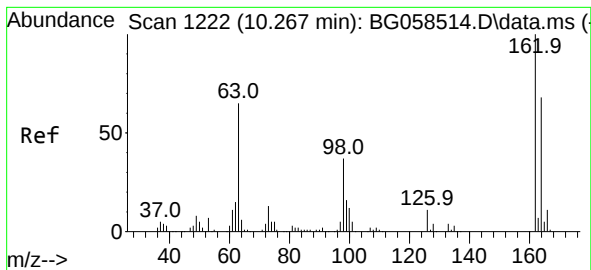
Delta R.T. -0.006 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

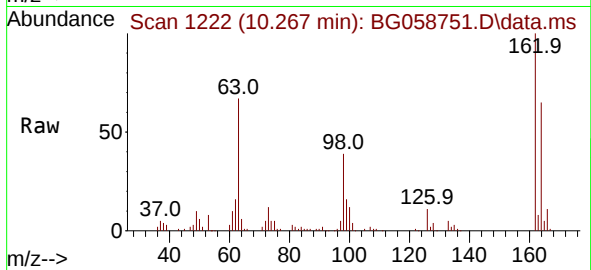
Tgt Ion:	93	Resp:	116413
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	10.9	7.8	11.8





#29
2,4-Dichlorophenol
Concen: 54.055 ng
RT: 10.267 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

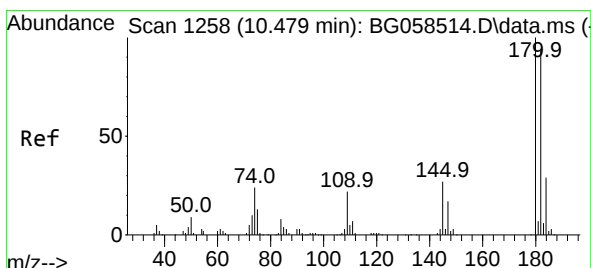
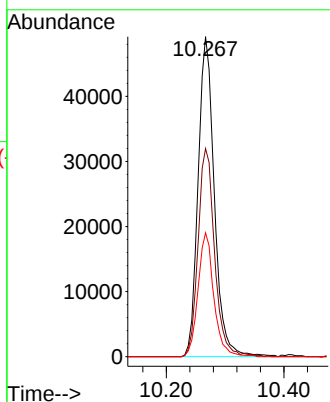
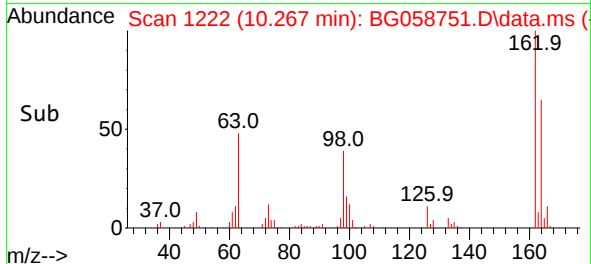
Instrument :
BNA_G
ClientSampleId :
PB154435BS



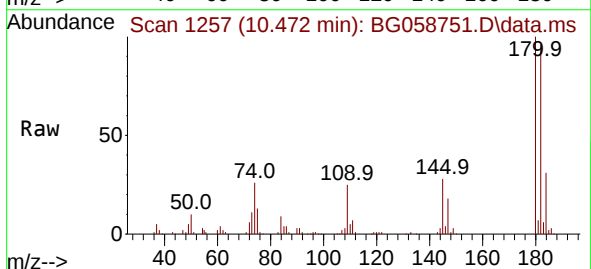
Tgt Ion:162 Resp: 9426
Ion Ratio Lower Upper
162 100
164 65.1 47.6 87.6
98 38.7 17.1 57.1

Manual Integrations
APPROVED

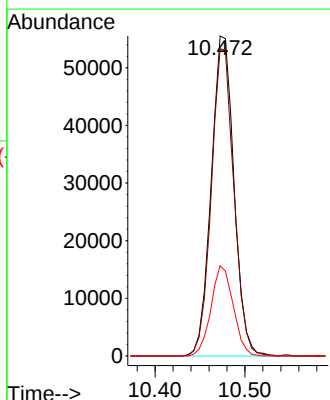
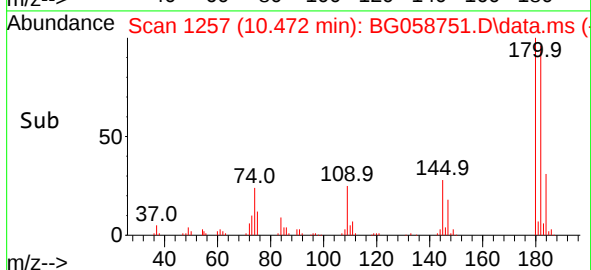
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

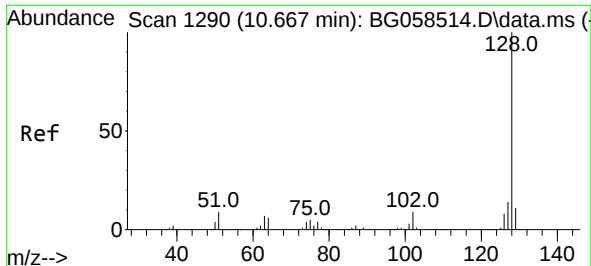


#30
1,2,4-Trichlorobenzene
Concen: 48.408 ng
RT: 10.472 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



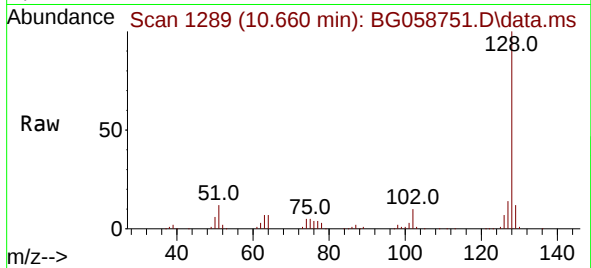
Tgt Ion:180 Resp: 97352
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.4
145 28.2 21.9 32.9





#31
Naphthalene
Concen: 46.526 ng
RT: 10.660 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

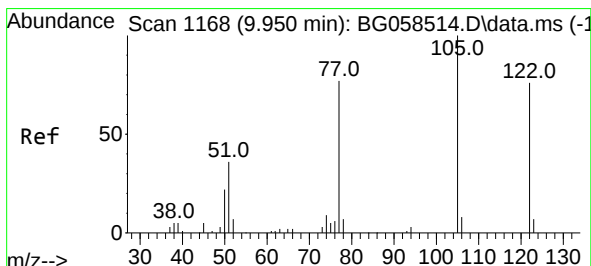
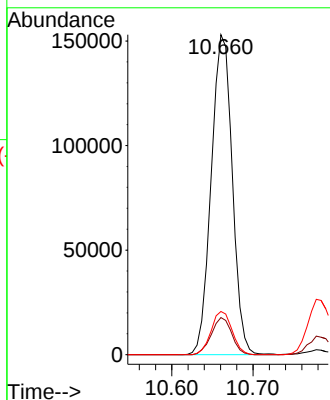
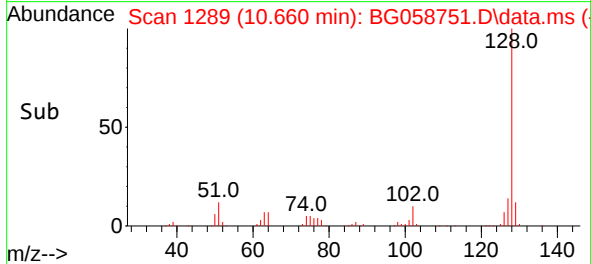
Instrument :
BNA_G
ClientSampleId :
PB154435BS



Tgt Ion:128 Resp: 27562
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.5 10.9 16.3

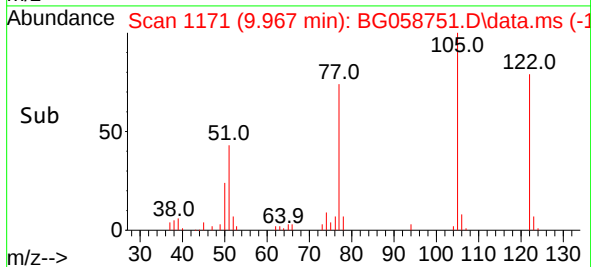
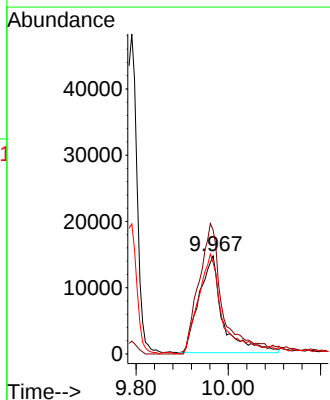
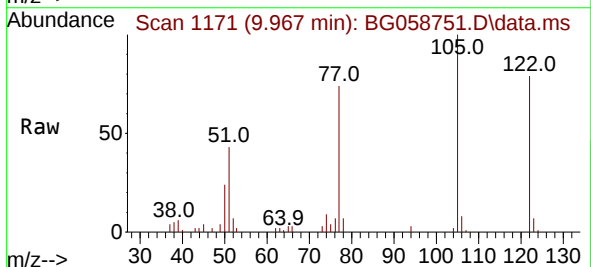
Manual Integrations
APPROVED

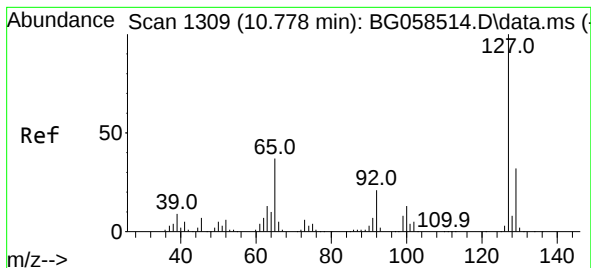
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#32
Benzoic acid
Concen: 41.499 ng
RT: 9.967 min Scan# 1171
Delta R.T. 0.017 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:122 Resp: 52333
Ion Ratio Lower Upper
122 100
105 126.7 106.5 146.5
77 93.4 78.1 118.1





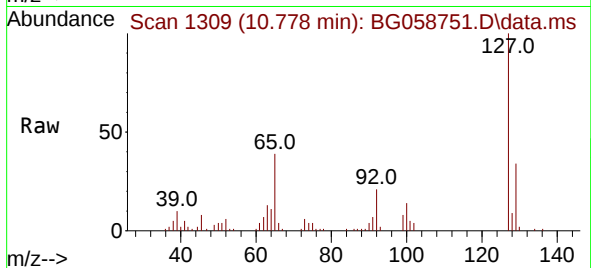
#33
4-Chloroaniline
Concen: 22.373 ng
RT: 10.778 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS



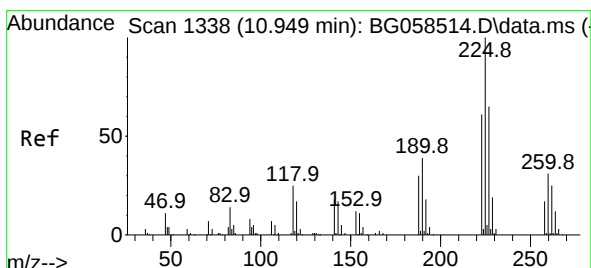
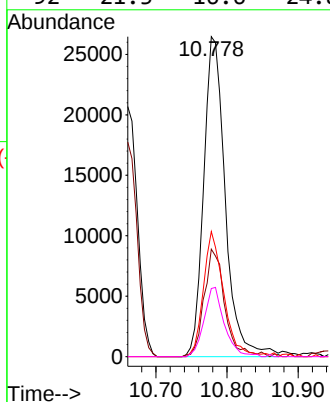
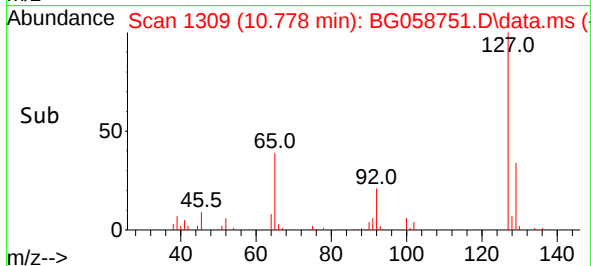
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.4	38.2
65	39.1	29.5	44.3
92	21.3	16.6	24.8

Manual Integrations

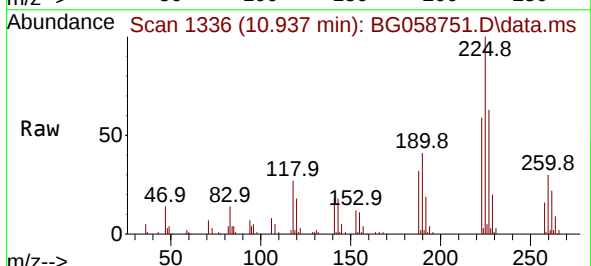
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

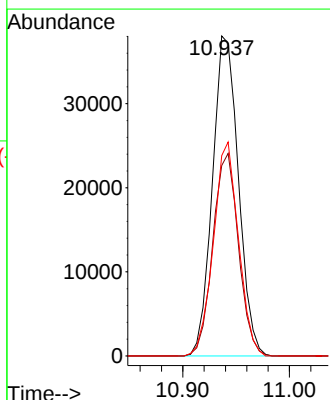
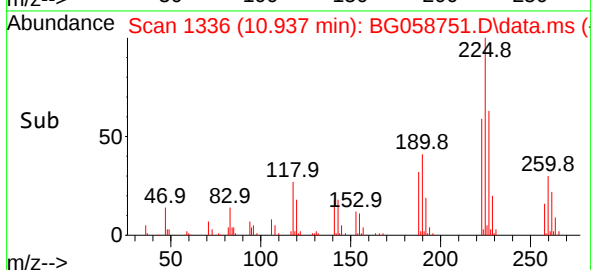
Supervised By :mohammad ahmed 08/17/2023

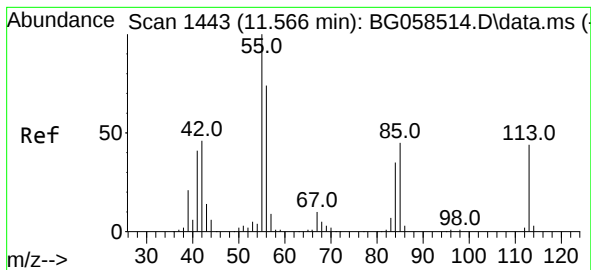


#34
Hexachlorobutadiene
Concen: 49.615 ng
RT: 10.937 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.0	73.6
227	62.6	51.7	77.5





#35
Caprolactam
Concen: 51.730 ng m
RT: 11.559 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

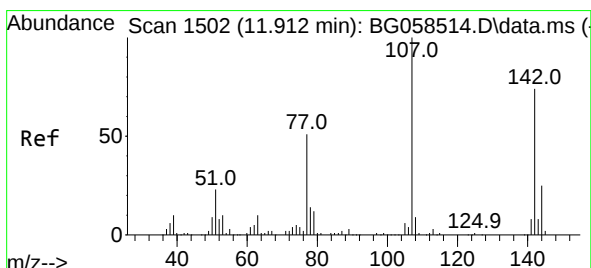
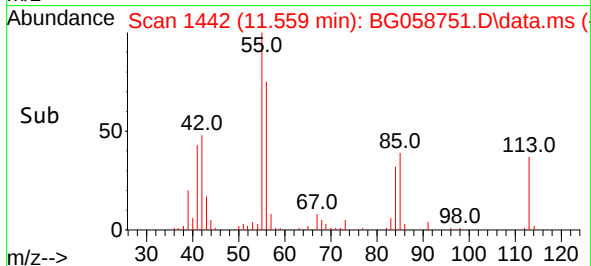
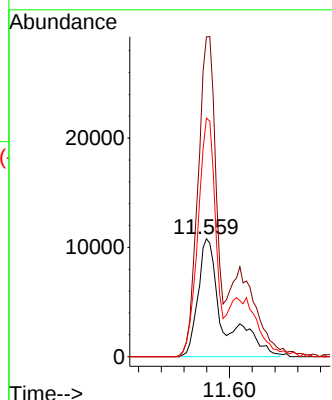
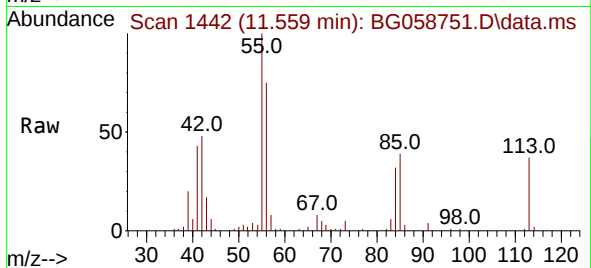
PB154435BS

Tgt Ion:113 Resp: 3331
Ion Ratio Lower Upper
113 100
55 271.3 208.0 248.0
56 202.4 148.6 188.6

Manual Integrations

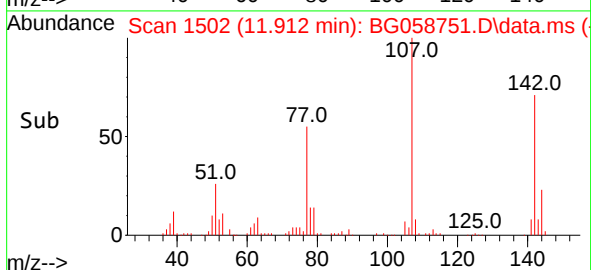
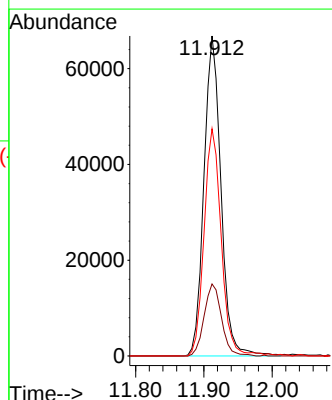
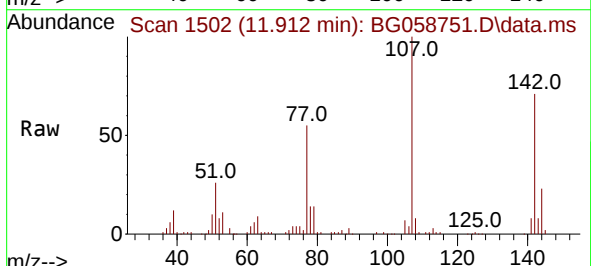
APPROVED

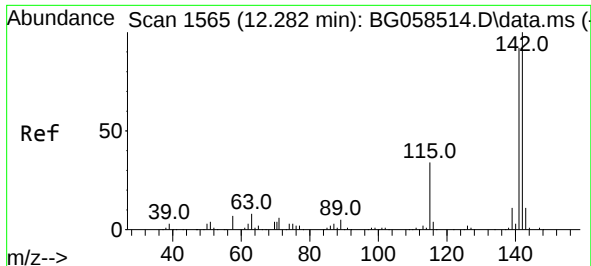
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 53.793 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:107 Resp: 116040
Ion Ratio Lower Upper
107 100
144 22.5 19.6 29.4
142 71.0 59.3 88.9





#37
2-Methylnaphthalene
Concen: 45.574 ng
RT: 12.276 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

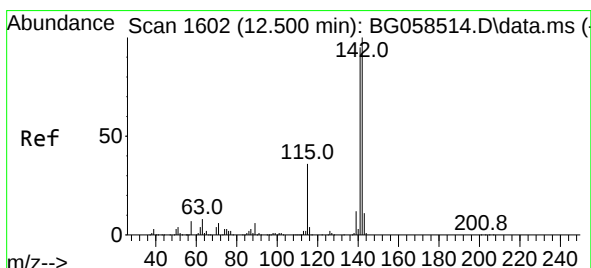
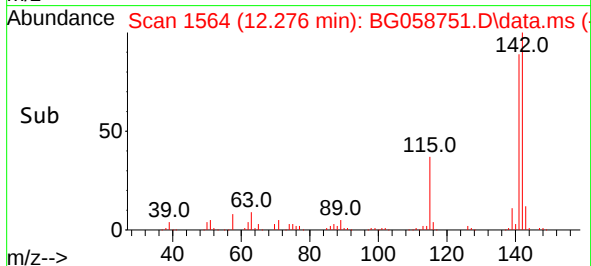
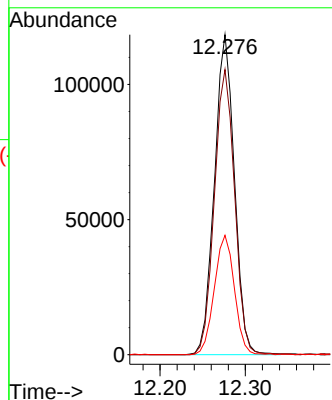
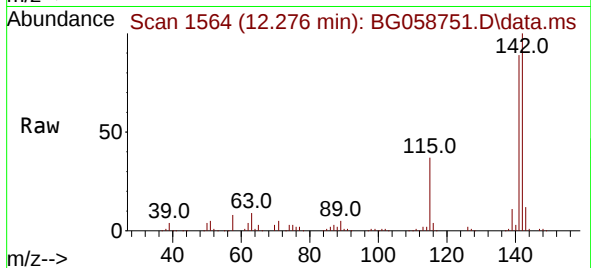
PB154435BS

Tgt Ion:142 Resp: 193124
Ion Ratio Lower Upper
142 100
141 89.1 73.5 110.3
115 37.3 27.4 41.0

Manual Integrations

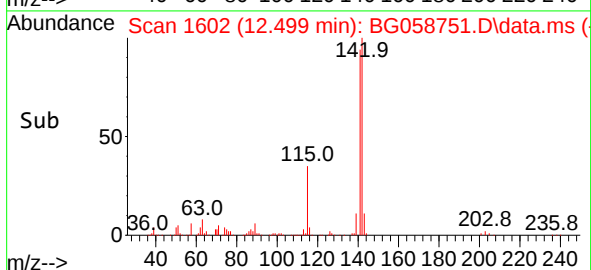
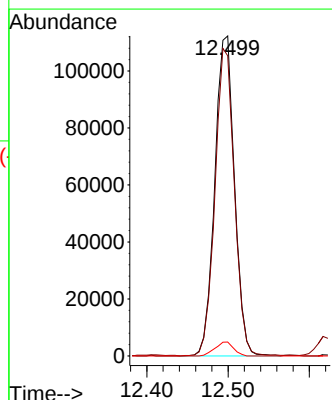
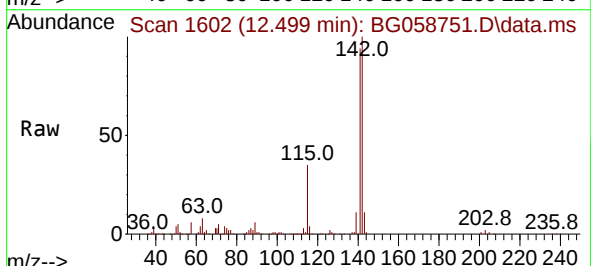
APPROVED

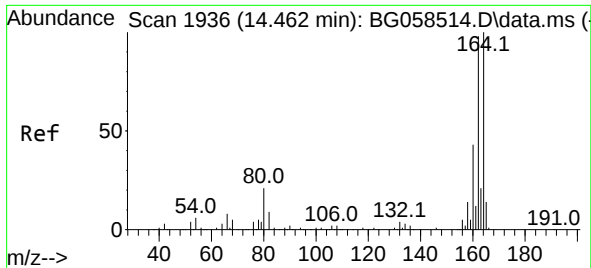
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 46.959 ng
RT: 12.499 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:142 Resp: 189159
Ion Ratio Lower Upper
142 100
141 93.8 75.7 113.5
116 4.4 3.2 4.8





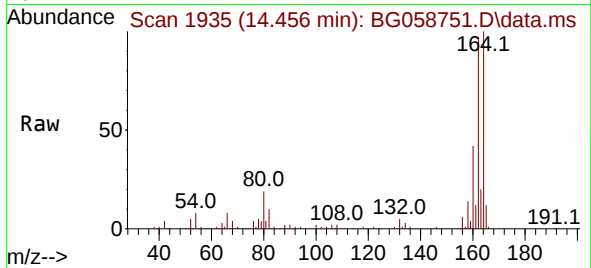
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

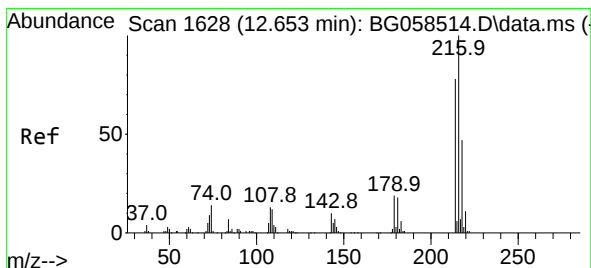
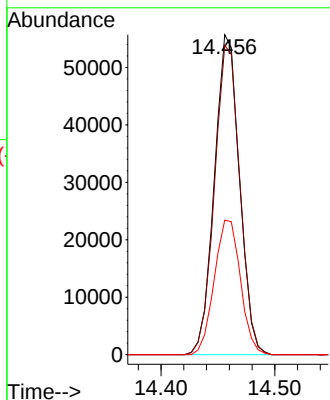
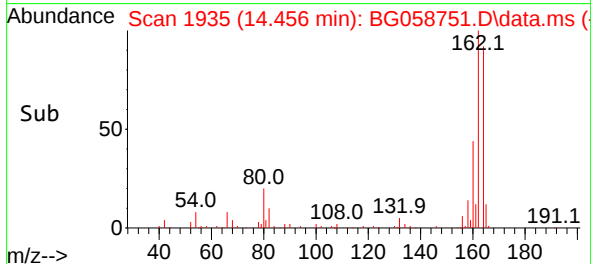


Tgt Ion:164 Resp: 85360
Ion Ratio Lower Upper
164 100
162 96.6 78.3 117.5
160 42.0 34.1 51.1

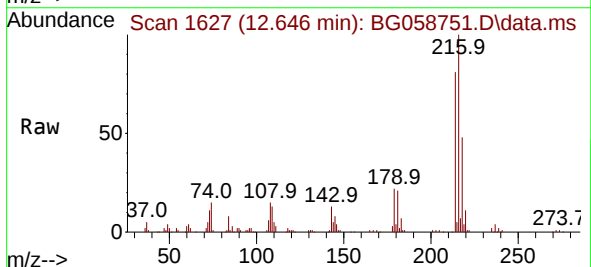
Manual Integrations

APPROVED

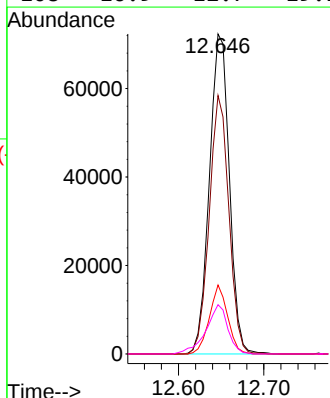
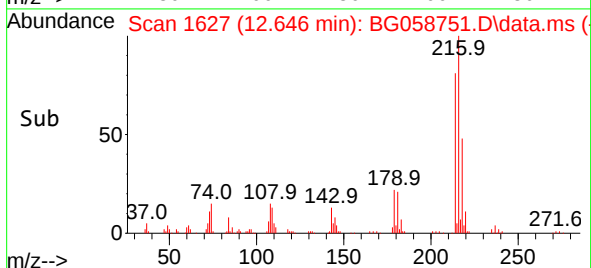
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

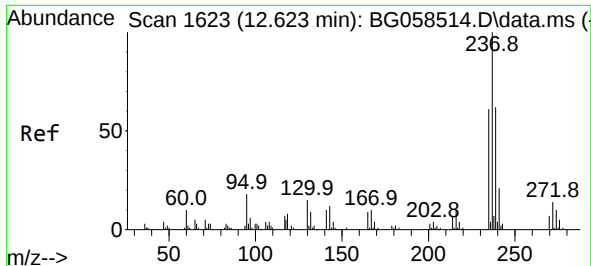


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.798 ng
RT: 12.646 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:216 Resp: 117400
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 19.7 15.6 23.4
108 16.9 12.7 19.1





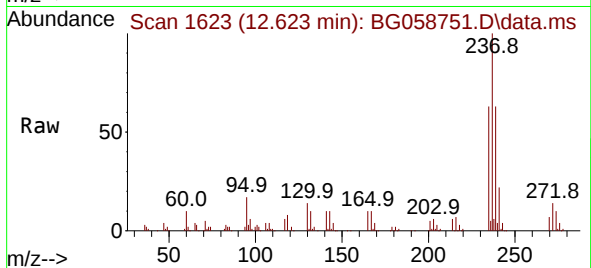
#41
Hexachlorocyclopentadiene
Concen: 79.926 ng
RT: 12.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

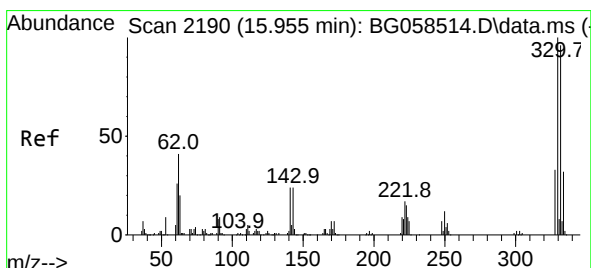
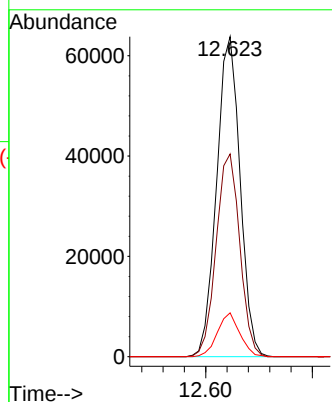
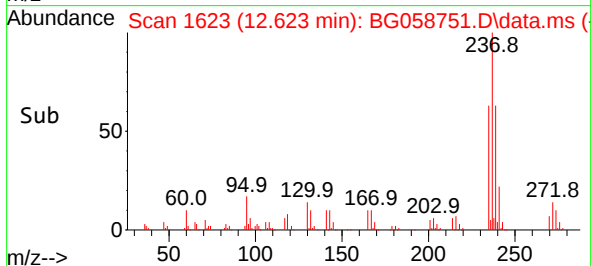


Tgt Ion:237 Resp: 97278
Ion Ratio Lower Upper
237 100
235 63.3 41.0 81.0
272 13.7 0.0 33.6

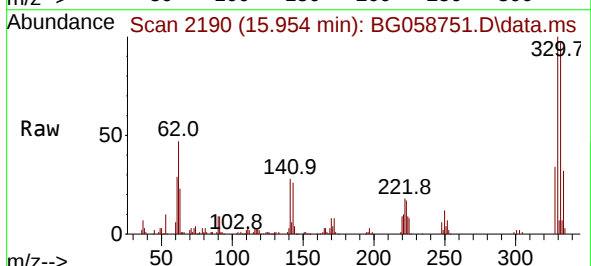
Manual Integrations

APPROVED

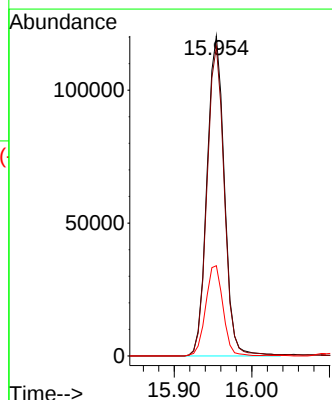
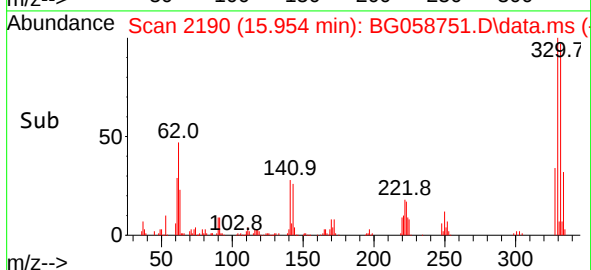
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

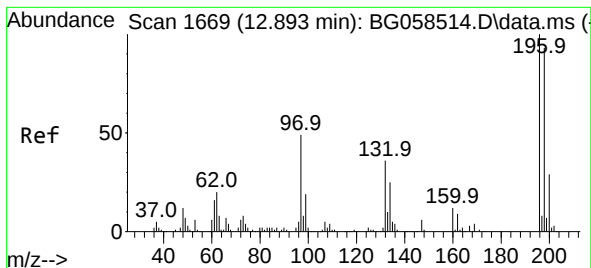


#42
2,4,6-Tribromophenol
Concen: 134.372 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:330 Resp: 188002
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 28.2 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 47.539 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

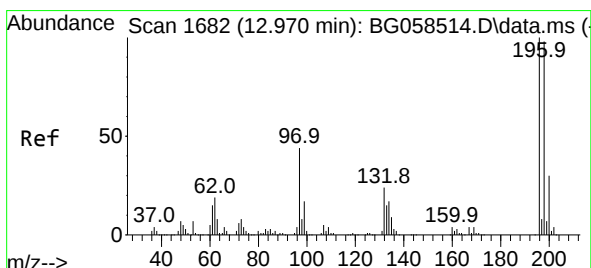
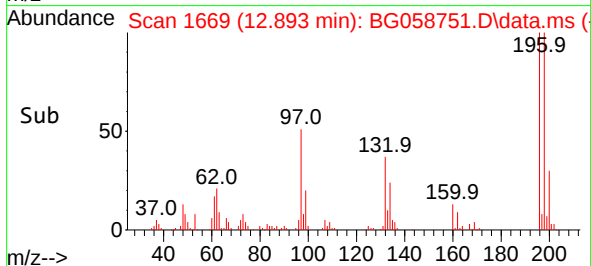
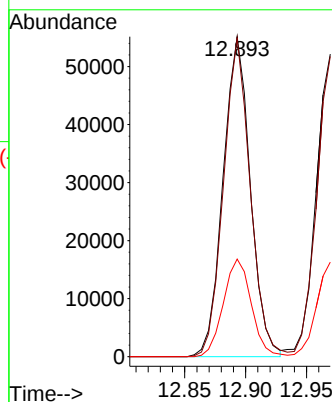
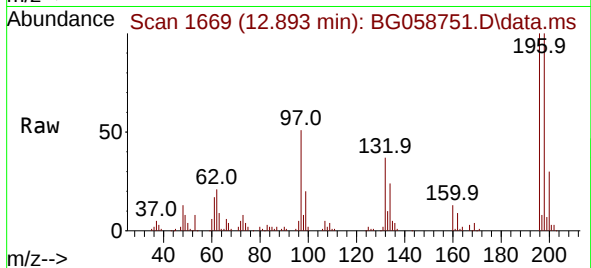
PB154435BS

Tgt Ion:196 Resp: 85690
Ion Ratio Lower Upper
196 100
198 99.6 74.2 111.4
200 30.5 22.9 34.3

Manual Integrations

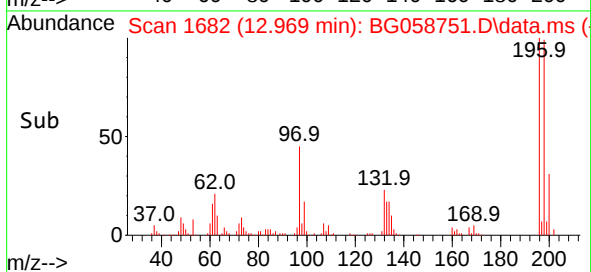
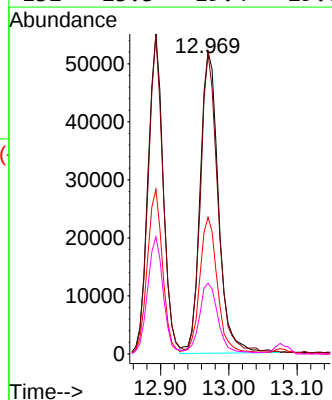
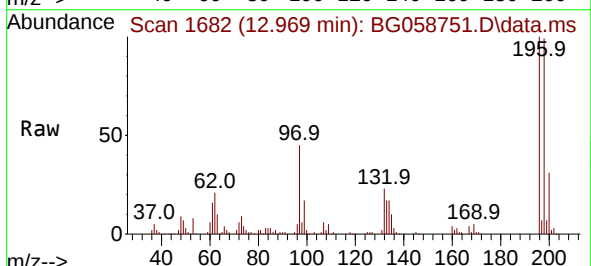
APPROVED

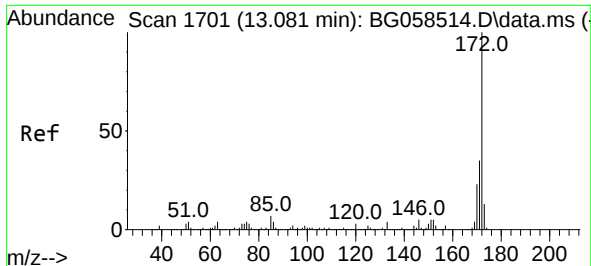
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#44
2,4,5-Trichlorophenol
Concen: 45.672 ng
RT: 12.969 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:196 Resp: 96966
Ion Ratio Lower Upper
196 100
198 99.3 78.3 117.5
97 45.2 35.2 52.8
132 23.3 19.4 29.0





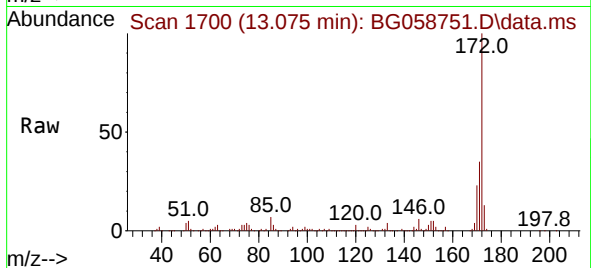
#45
2-Fluorobiphenyl
Concen: 88.911 ng
RT: 13.075 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

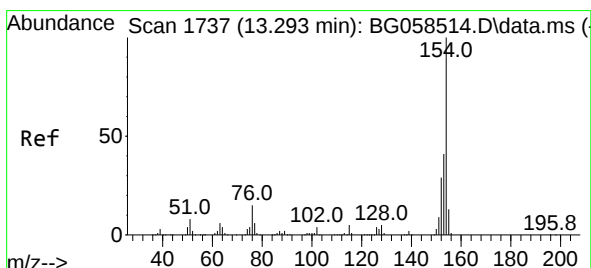
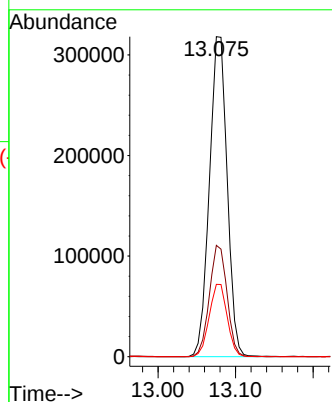
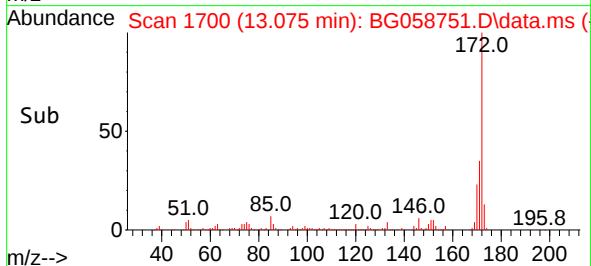


Tgt Ion:172 Resp: 506430
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.4 27.6

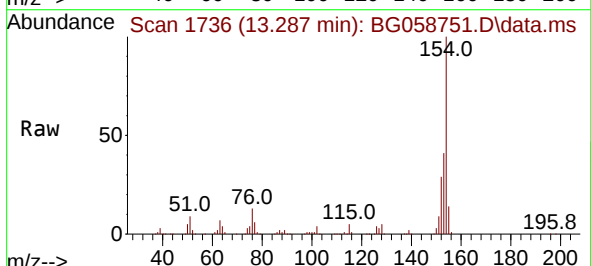
Manual Integrations

APPROVED

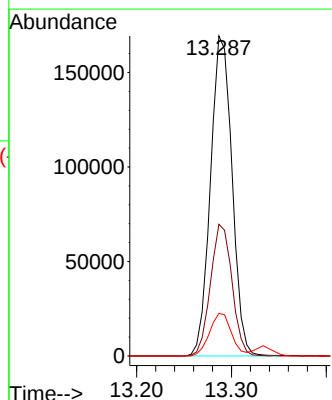
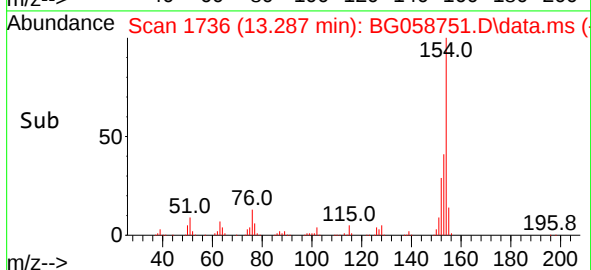
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

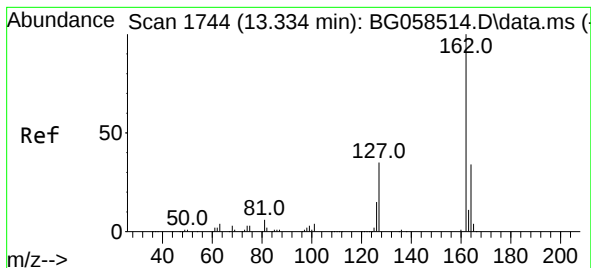


#46
1,1'-Biphenyl
Concen: 45.614 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:154 Resp: 267393
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 13.3 0.0 34.7





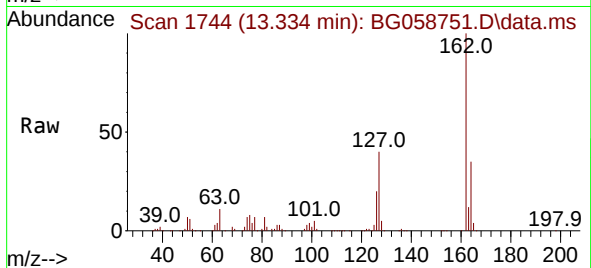
#47
2-Chloronaphthalene
Concen: 46.657 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

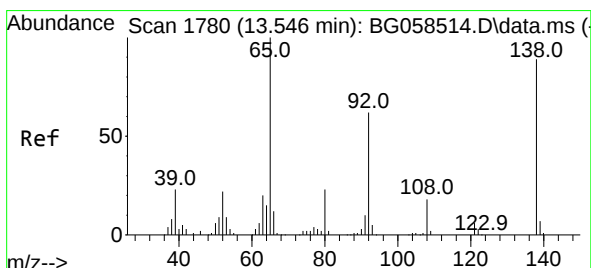
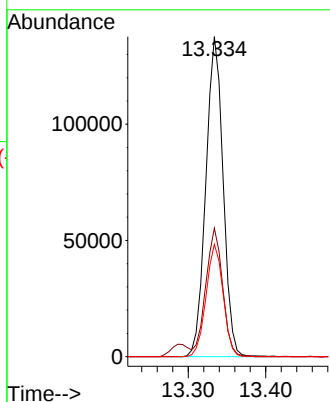
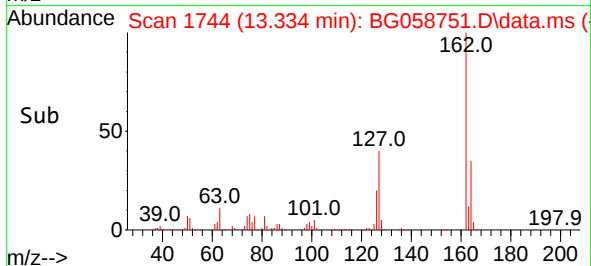


Tgt Ion:162 Resp: 213250
Ion Ratio Lower Upper
162 100
127 40.2 30.9 46.3
164 35.1 27.2 40.8

Manual Integrations

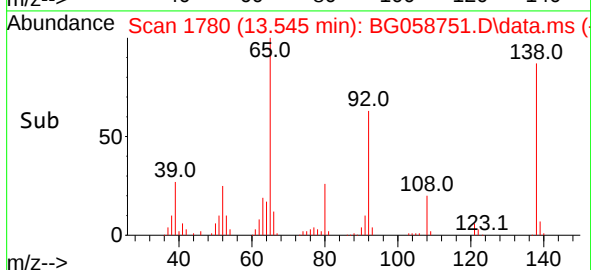
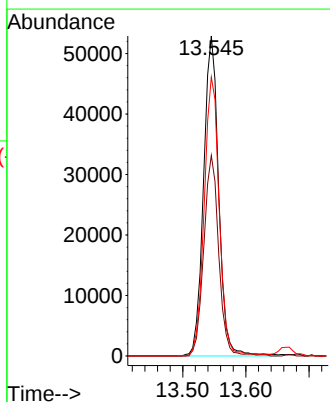
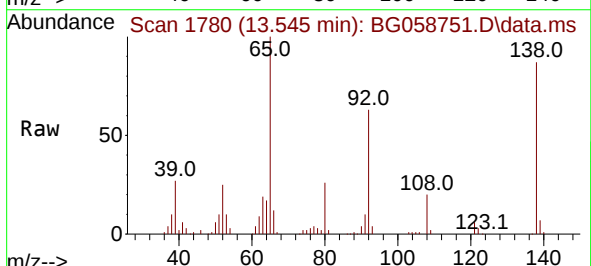
APPROVED

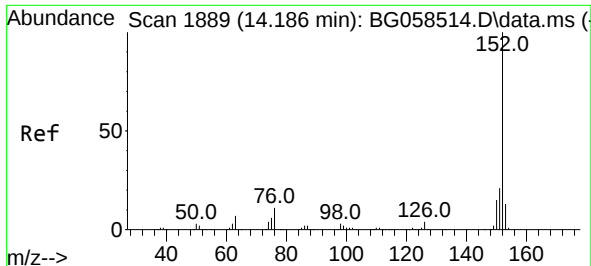
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#48
2-Nitroaniline
Concen: 50.292 ng
RT: 13.545 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion: 65 Resp: 87740
Ion Ratio Lower Upper
65 100
92 62.6 49.2 73.8
138 87.1 71.5 107.3





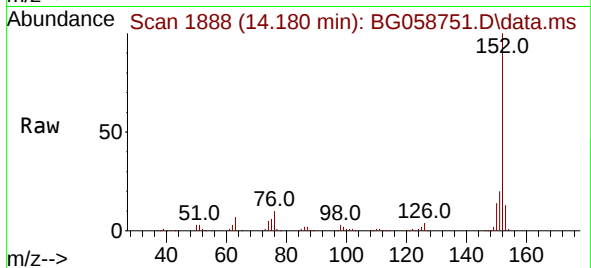
#49
Acenaphthylene
Concen: 47.504 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

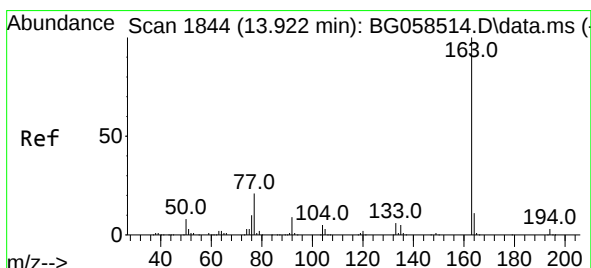
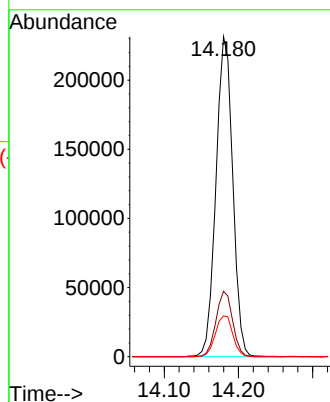
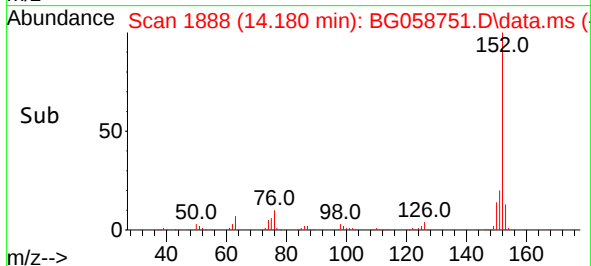


Tgt Ion:152 Resp: 363518
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 12.7 10.7 16.1

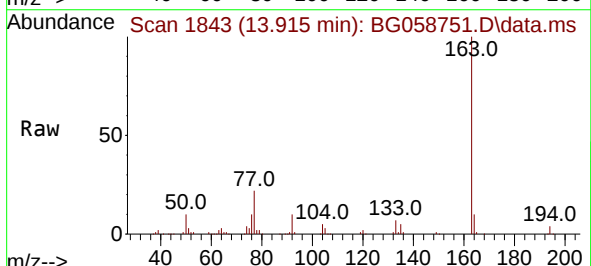
Manual Integrations

APPROVED

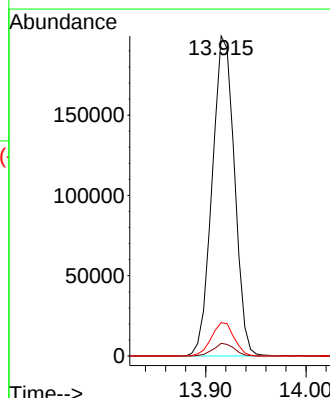
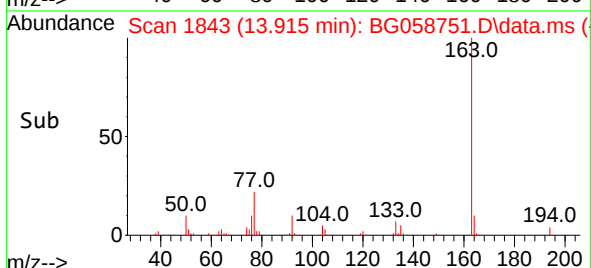
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

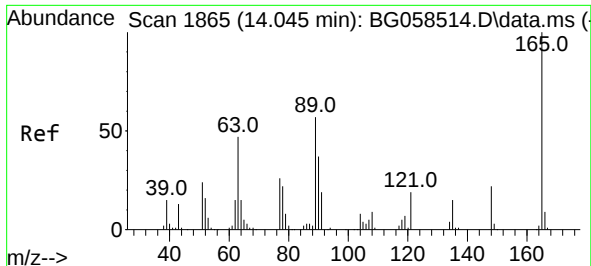


#50
Dimethylphthalate
Concen: 47.928 ng
RT: 13.915 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:163 Resp: 307256
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.6 12.8





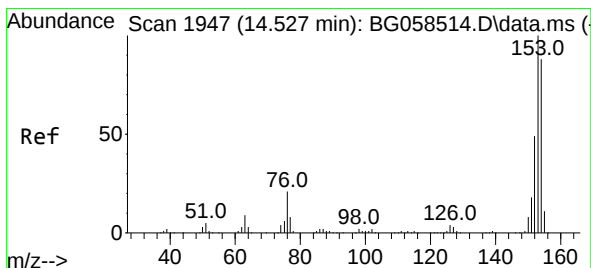
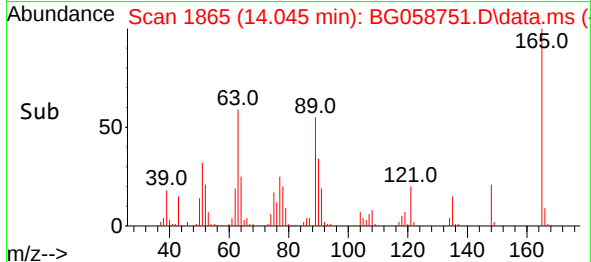
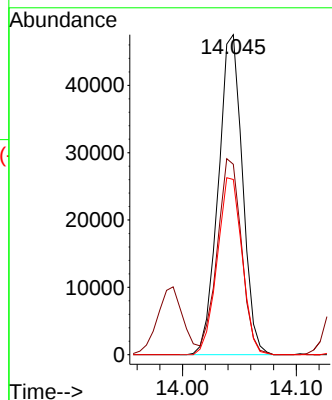
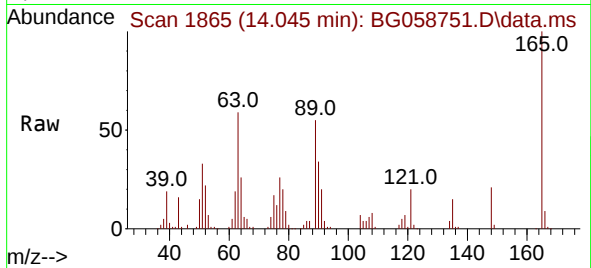
#51
2,6-Dinitrotoluene
Concen: 49.987 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :
BNA_G
ClientSampleId :
PB154435BS

Tgt Ion:165 Resp: 70314
Ion Ratio Lower Upper
165 100
63 59.5 46.4 69.6
89 54.8 45.3 67.9

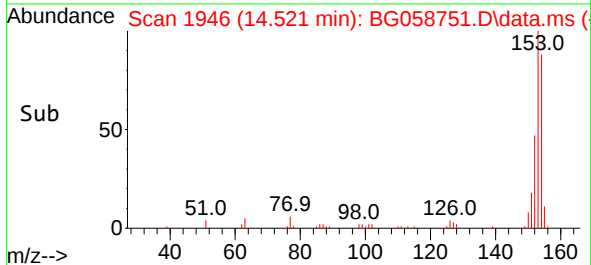
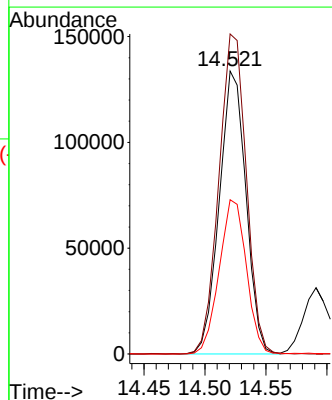
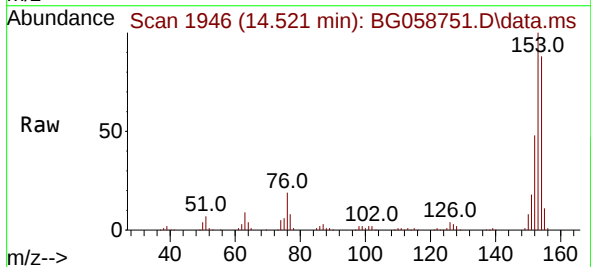
Manual Integrations
APPROVED

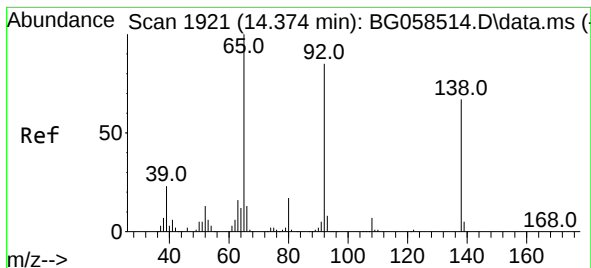
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 45.974 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:154 Resp: 203285
Ion Ratio Lower Upper
154 100
153 113.1 91.1 136.7
152 54.5 44.6 66.8





#53
3-Nitroaniline
Concen: 27.719 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

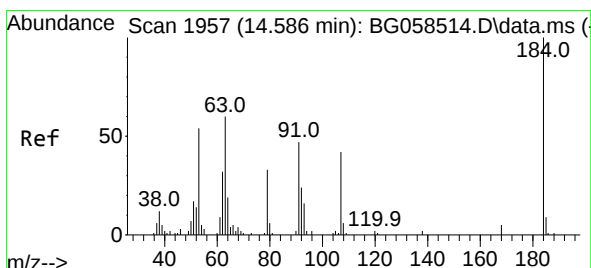
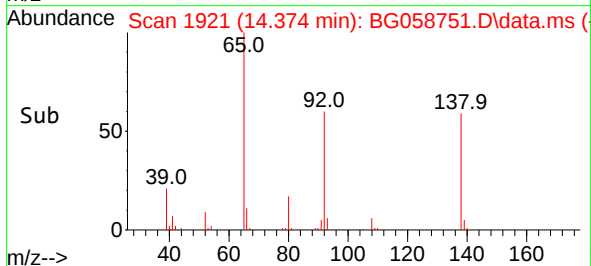
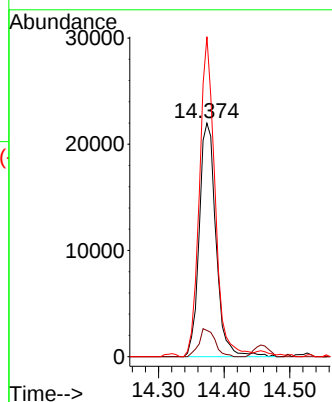
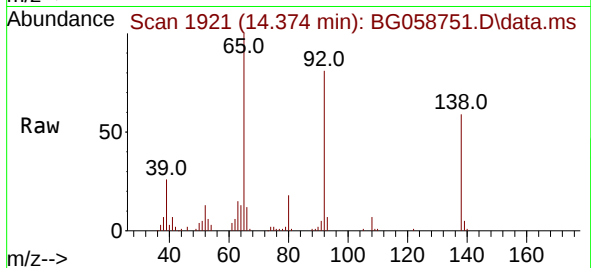
PB154435BS

Tgt Ion:138 Resp: 39010
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 137.0 101.1 151.7

Manual Integrations

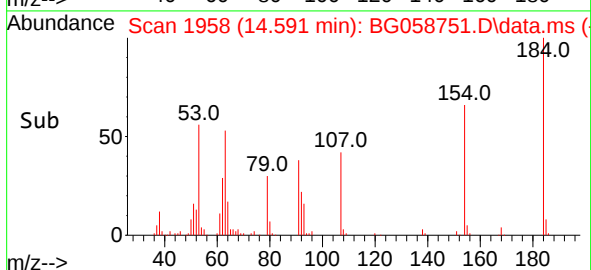
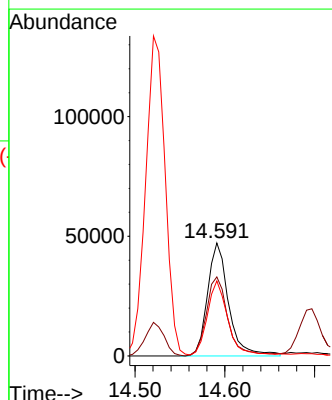
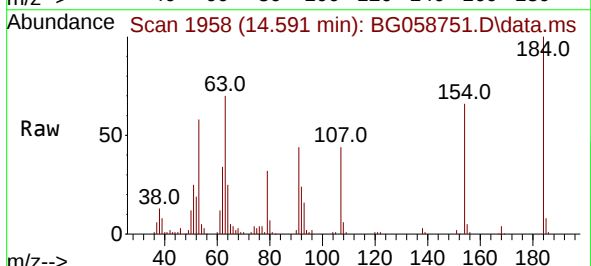
APPROVED

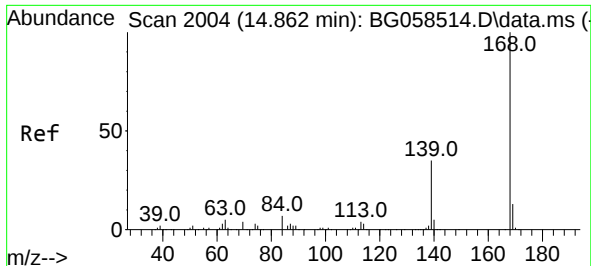
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 95.550 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:184 Resp: 77039
Ion Ratio Lower Upper
184 100
63 70.0 56.7 85.1
154 66.4 46.1 69.1





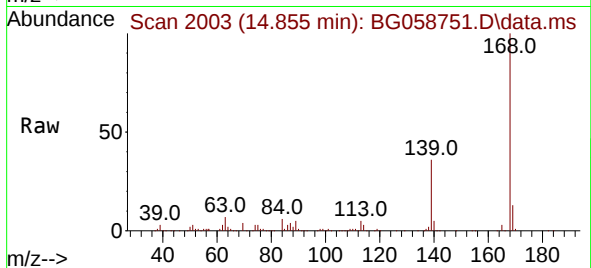
#55
Dibenzenofuran
Concen: 46.800 ng
RT: 14.855 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

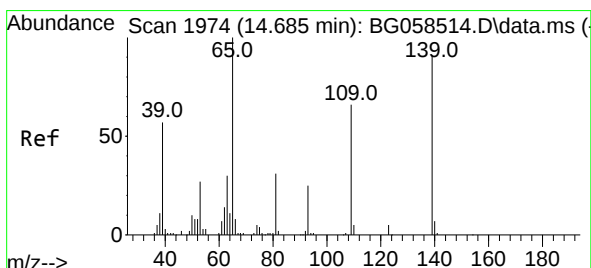
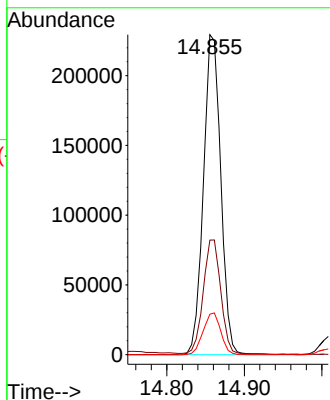
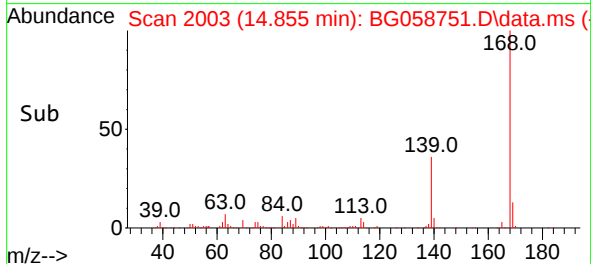


Tgt Ion:168 Resp: 35558
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.8
169 12.7 10.6 16.0

Manual Integrations

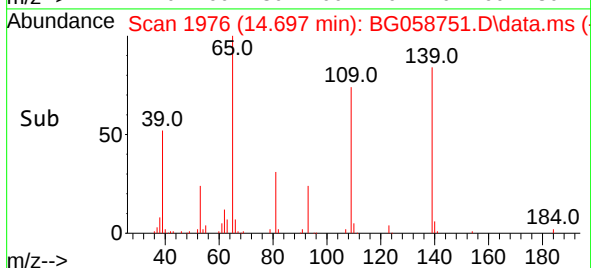
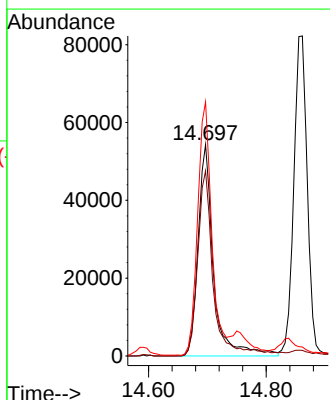
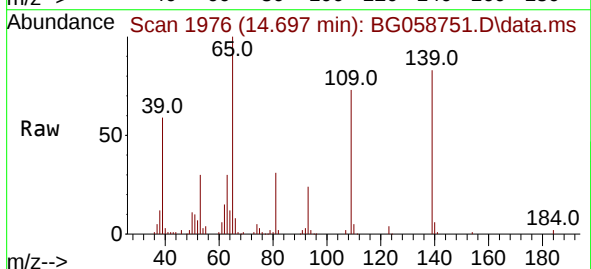
APPROVED

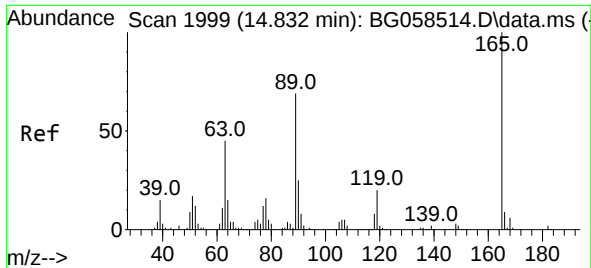
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 94.582 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:139 Resp: 99292
Ion Ratio Lower Upper
139 100
109 87.6 52.5 92.5
65 120.2 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 51.220 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

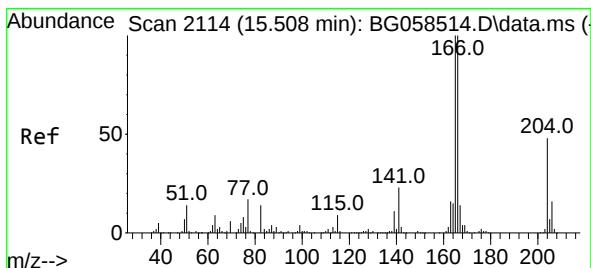
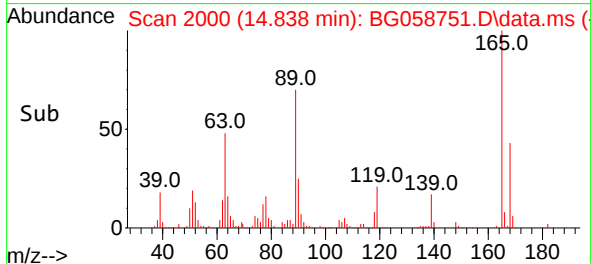
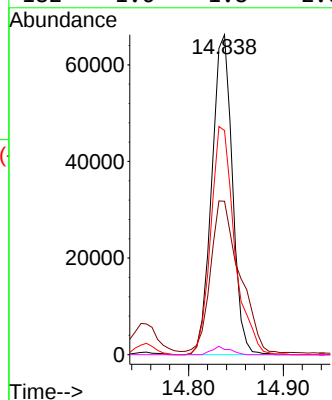
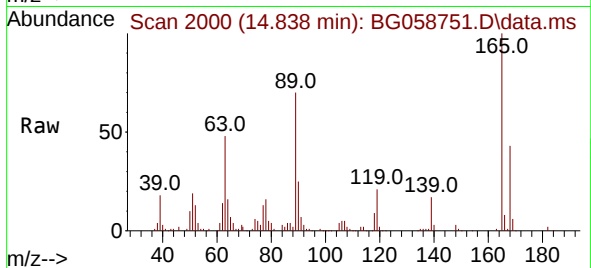
PB154435BS

Tgt Ion:165 Resp: 9988
Ion Ratio Lower Upper
165 100
63 48.0 36.6 54.8
89 70.1 55.4 83.0
182 1.6 1.8 2.6#

Manual Integrations

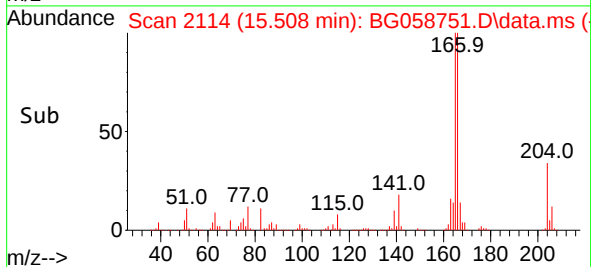
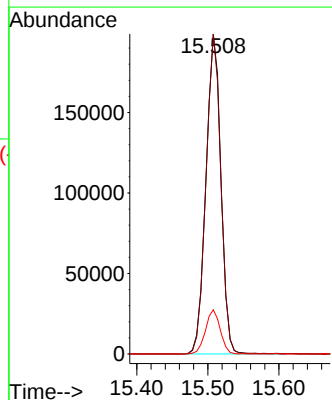
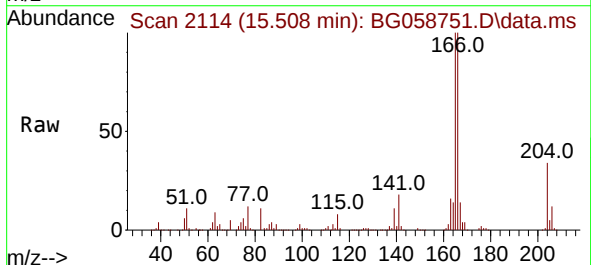
APPROVED

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



#58
Fluorene
Concen: 48.261 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:166 Resp: 291294
Ion Ratio Lower Upper
166 100
165 100.1 80.0 120.0
167 13.8 11.3 16.9





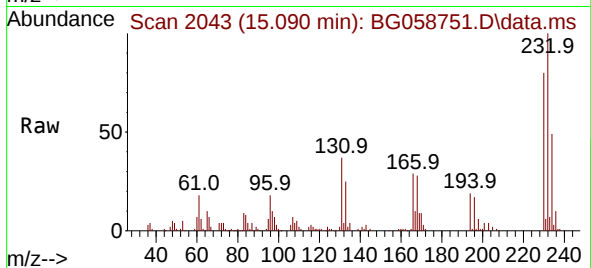
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.673 ng
RT: 15.090 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

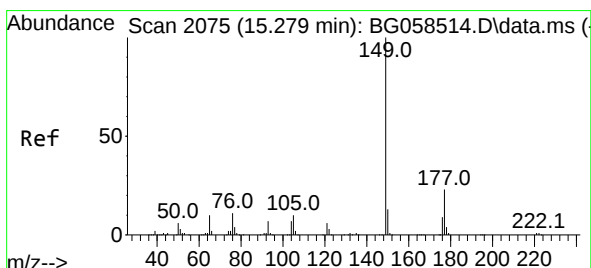
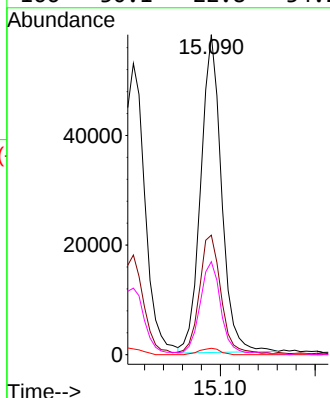
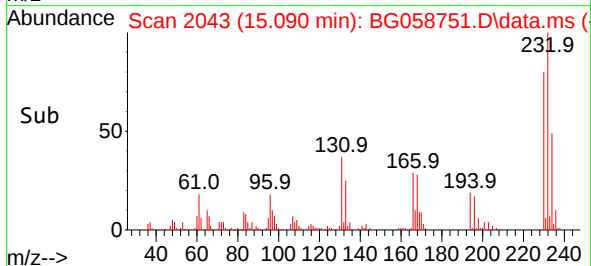


Tgt Ion:232 Resp: 88179
Ion Ratio Lower Upper
232 100
131 39.0 30.0 45.0
130 2.0 1.5 2.3
166 30.1 22.8 34.2

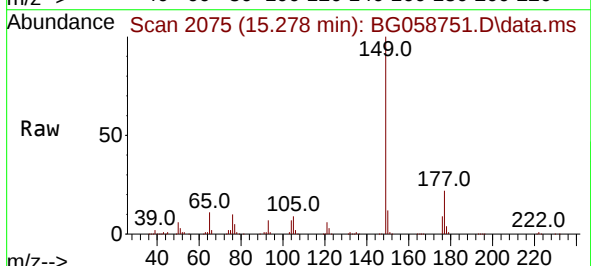
Manual Integrations

APPROVED

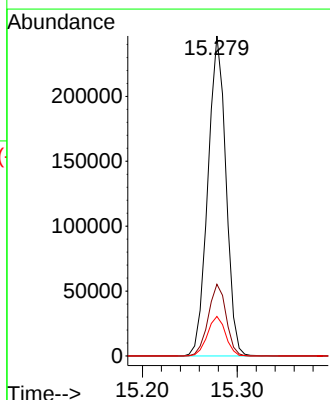
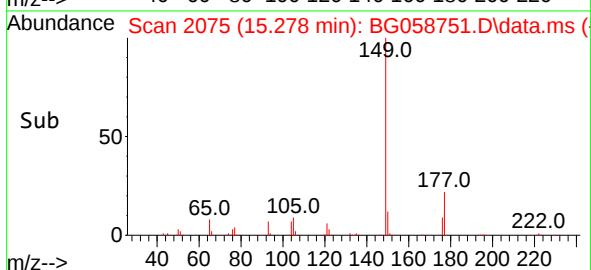
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#60
Diethylphthalate
Concen: 49.795 ng
RT: 15.278 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:149 Resp: 325208
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.137 ng
RT: 15.496 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

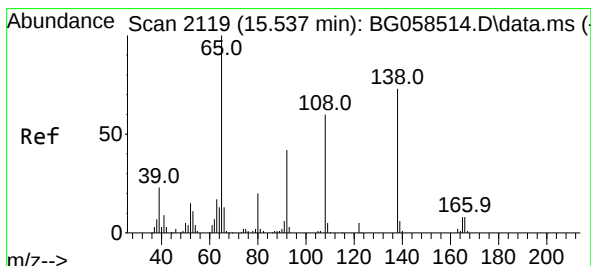
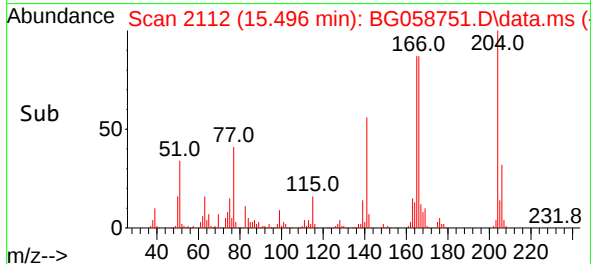
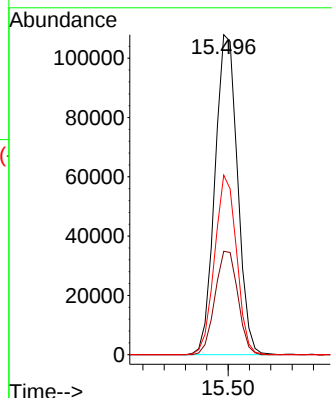
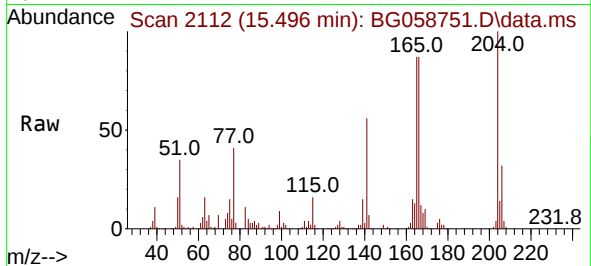
ClientSampleId :

PB154435BS

Tgt Ion:204 Resp: 158618
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 56.1 40.8 61.2

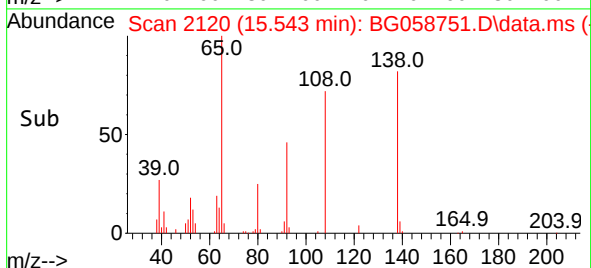
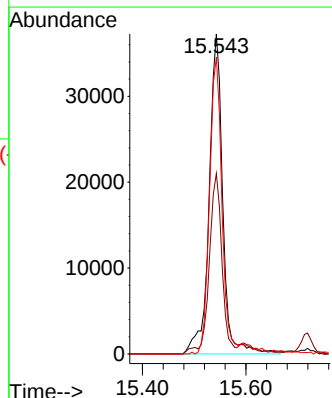
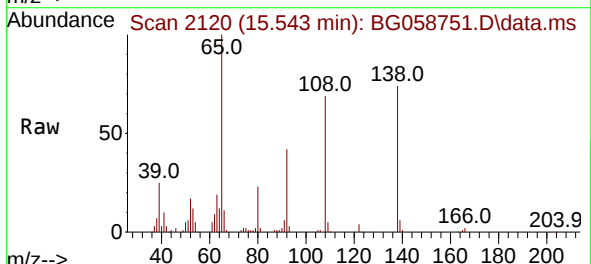
Manual Integrations
APPROVED

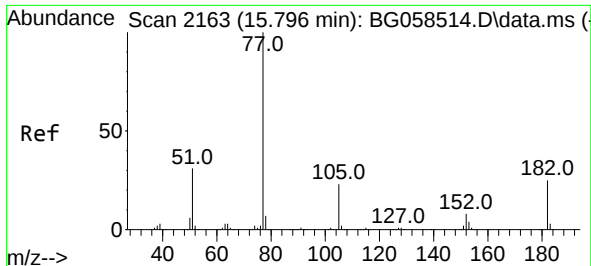
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 51.418 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:138 Resp: 68549
Ion Ratio Lower Upper
138 100
92 56.4 37.3 77.3
108 92.7 62.6 102.6





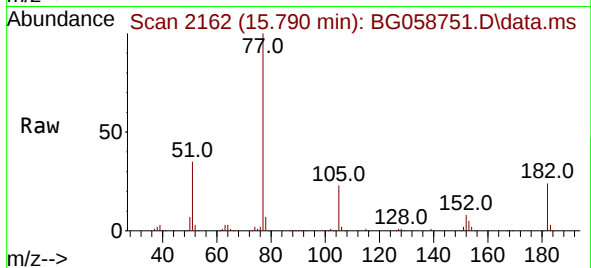
#63
Azobenzene
Concen: 46.781 ng
RT: 15.790 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

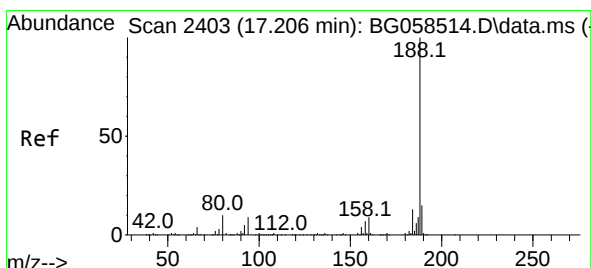
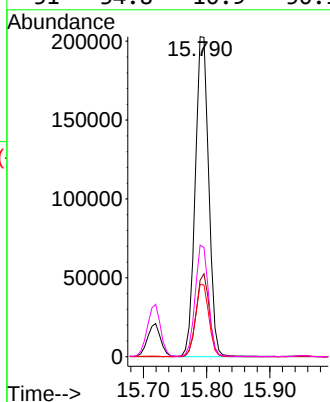
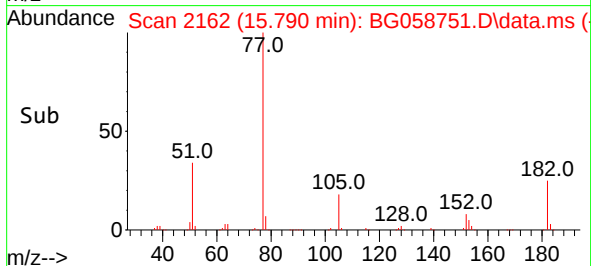


Tgt Ion: 77 Resp: 30093
Ion Ratio Lower Upper
77 100
182 23.9 4.6 44.6
105 22.6 3.3 43.3
51 34.8 10.9 50.9

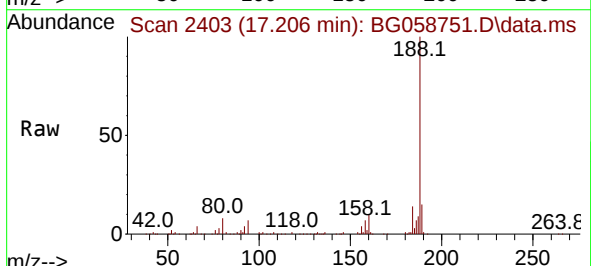
Manual Integrations

APPROVED

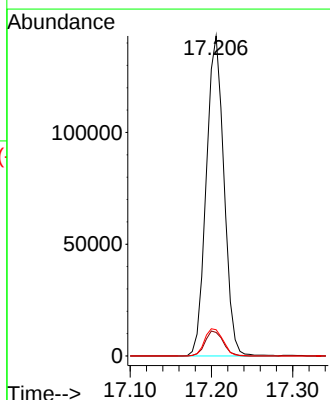
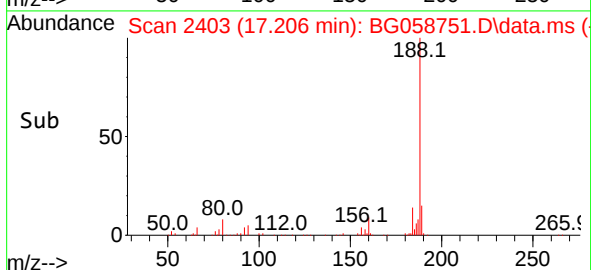
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

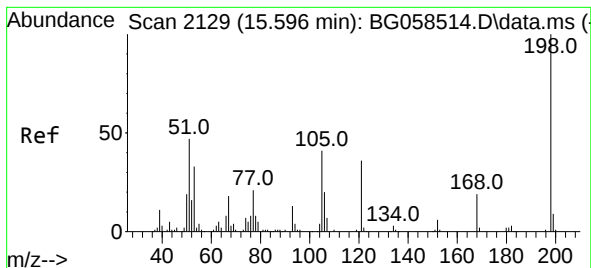


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:188 Resp: 215755
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.727 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

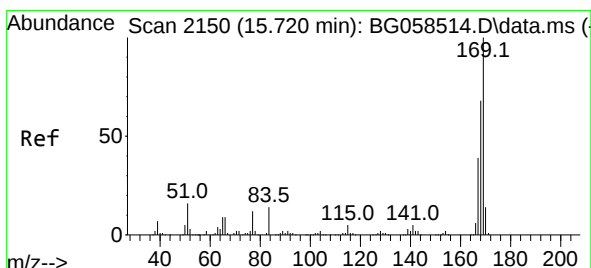
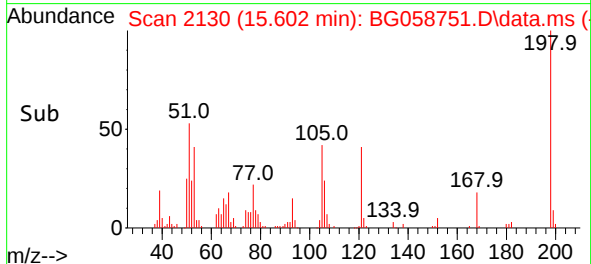
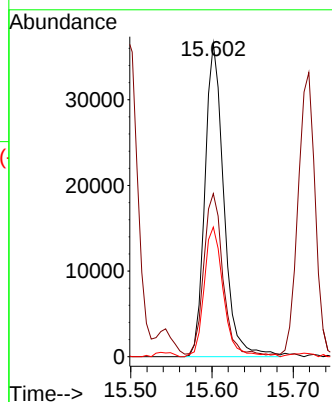
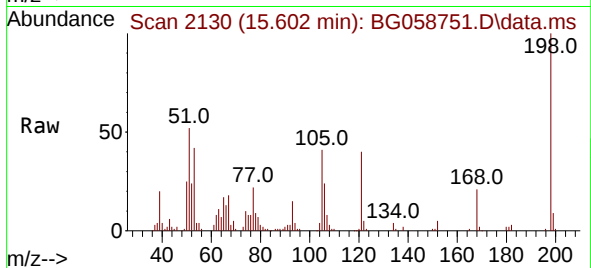
PB154435BS

Tgt Ion:198 Resp: 59158
Ion Ratio Lower Upper
198 100
51 52.0 29.3 69.3
105 41.4 21.0 61.0

Manual Integrations

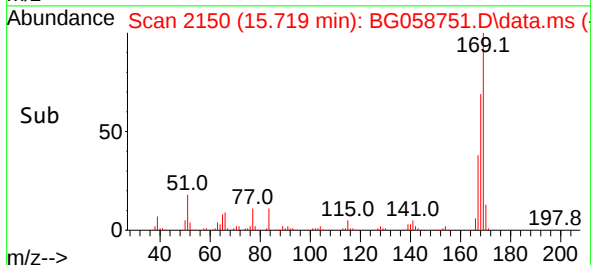
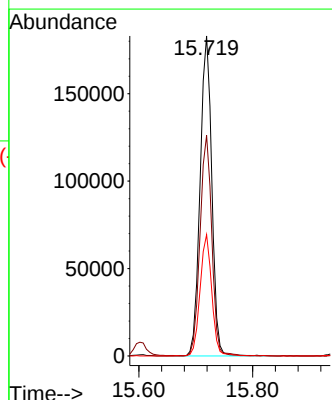
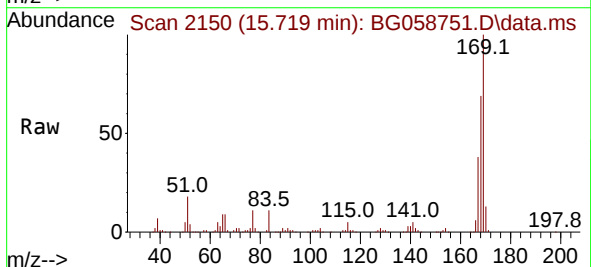
APPROVED

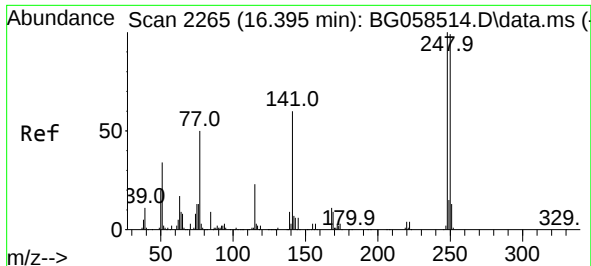
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 46.507 ng
RT: 15.719 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:169 Resp: 261159
Ion Ratio Lower Upper
169 100
168 68.9 54.6 82.0
167 37.9 31.3 46.9





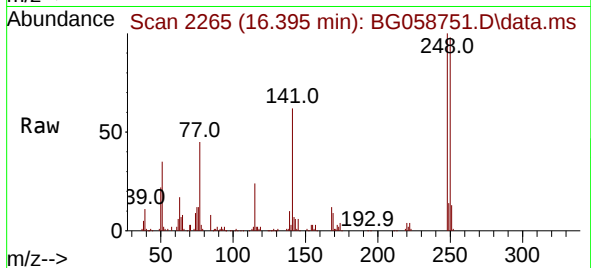
#67
4-Bromophenyl-phenylether
Concen: 45.333 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

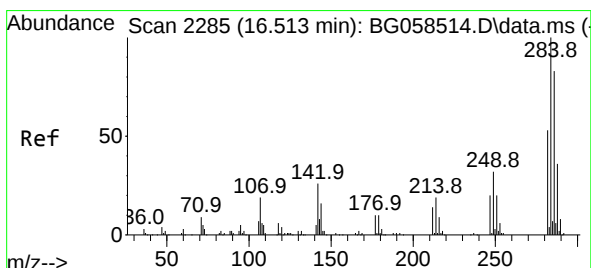
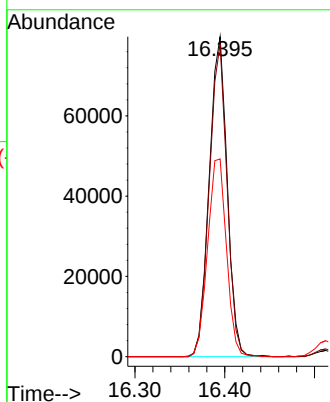
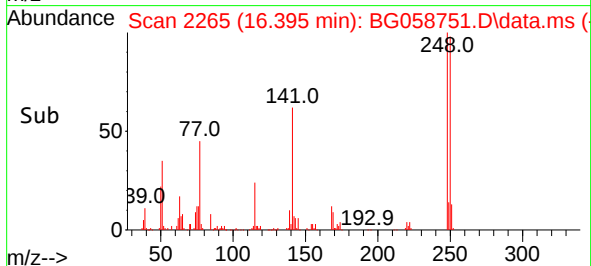
PB154435BS



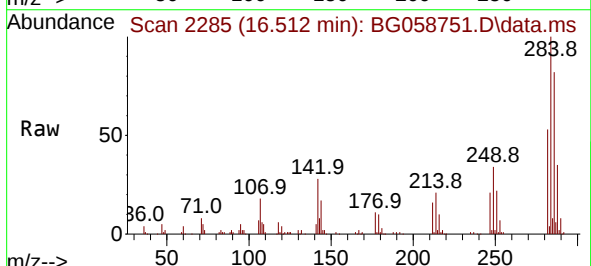
Tgt Ion:248 Resp: 11093
Ion Ratio Lower Upper
248 100
250 97.8 79.5 119.3
141 61.8 48.2 72.2

Manual Integrations
APPROVED

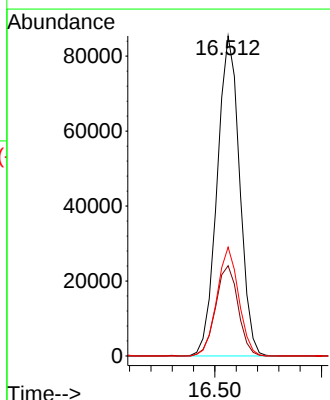
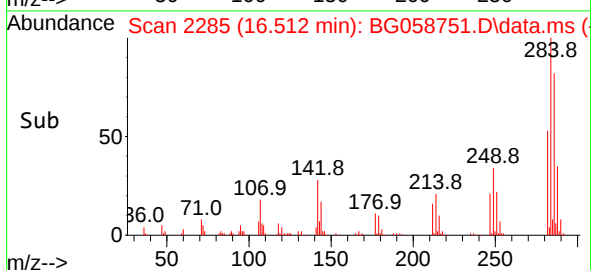
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

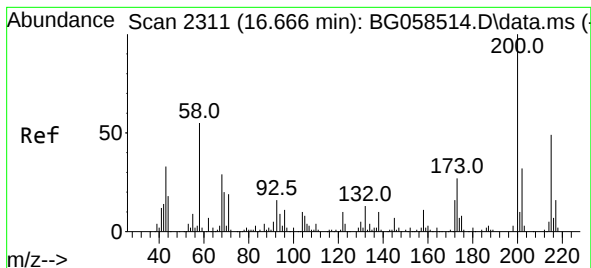


#68
Hexachlorobenzene
Concen: 48.067 ng
RT: 16.512 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:284 Resp: 124642
Ion Ratio Lower Upper
284 100
142 28.2 21.0 31.4
249 34.0 25.5 38.3





#69

Atrazine

Concen: 57.330 ng

RT: 16.665 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

Tgt Ion:200 Resp: 108678

Ion Ratio Lower Upper

200 100

173 26.3 6.5 46.5

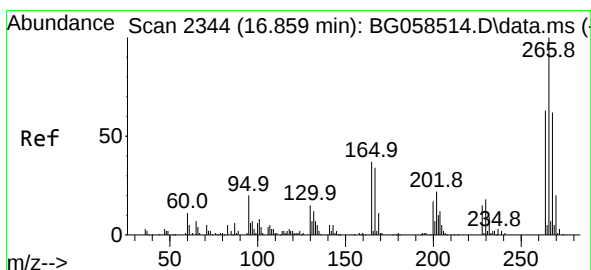
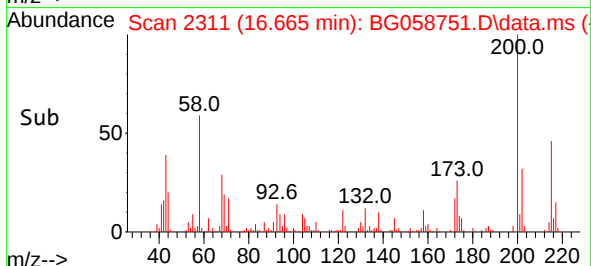
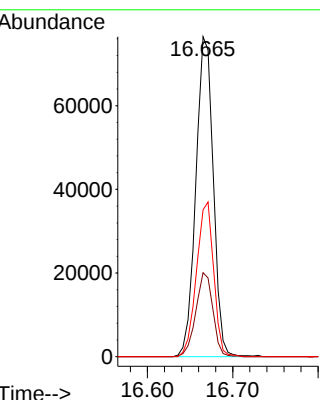
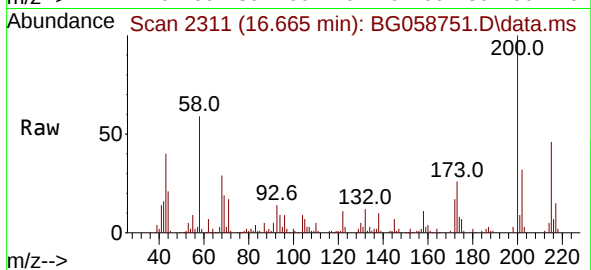
215 45.9 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#70

Pentachlorophenol

Concen: 74.549 ng

RT: 16.859 min Scan# 2344

Delta R.T. 0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

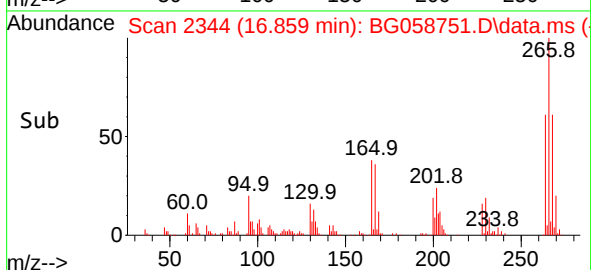
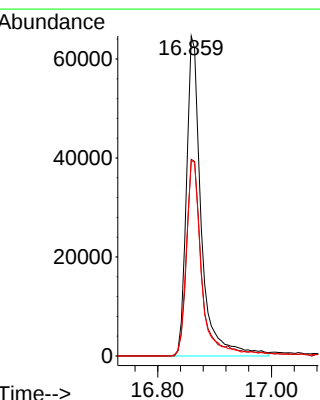
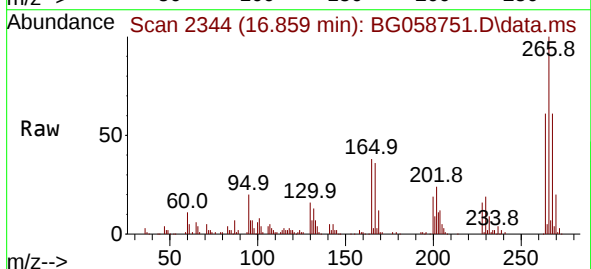
Tgt Ion:266 Resp: 117009

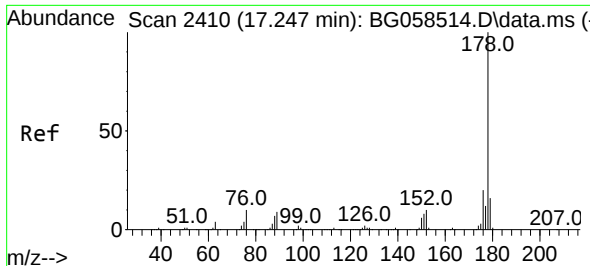
Ion Ratio Lower Upper

266 100

268 61.5 49.9 74.9

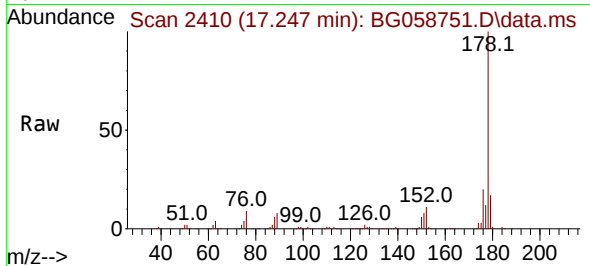
264 61.1 50.2 75.4





#71
Phenanthrene
Concen: 47.093 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

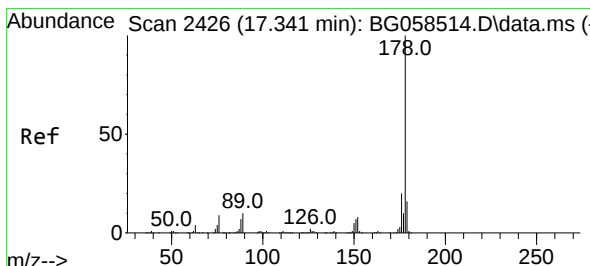
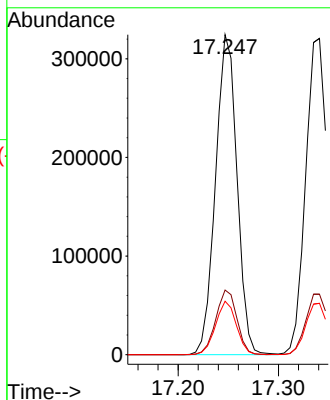
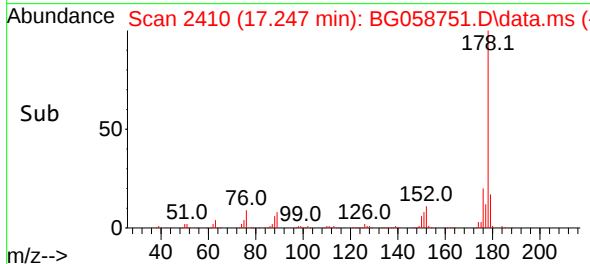
Instrument :
BNA_G
ClientSampleId :
PB154435BS



Tgt Ion:178 Resp: 48185
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.7 13.1 19.7

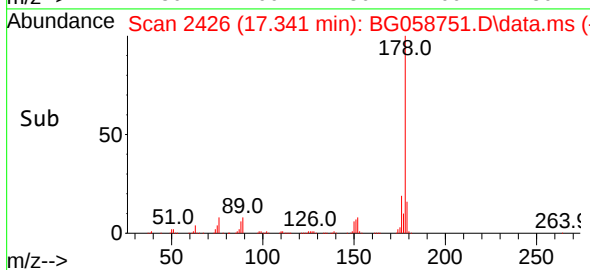
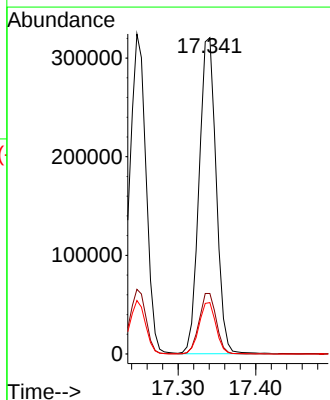
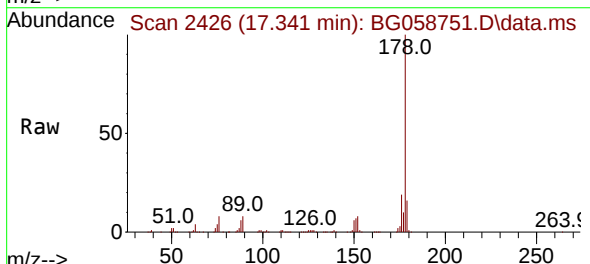
Manual Integrations
APPROVED

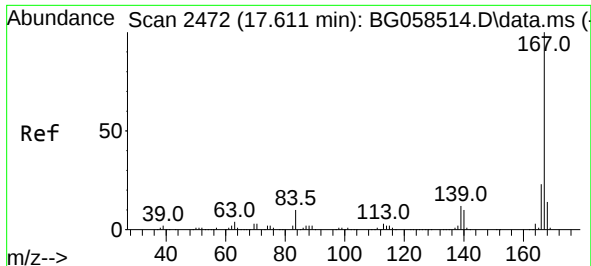
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Anthracene
Concen: 46.628 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Tgt Ion:178 Resp: 489547
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.3 12.9 19.3





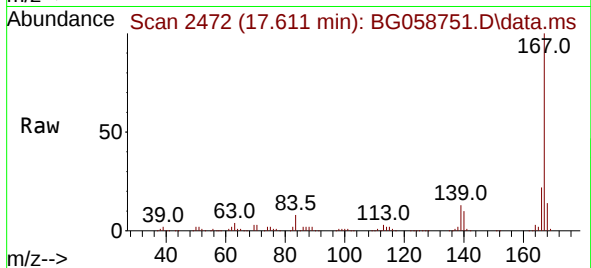
#73
 Carbazole
 Concen: 48.402 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

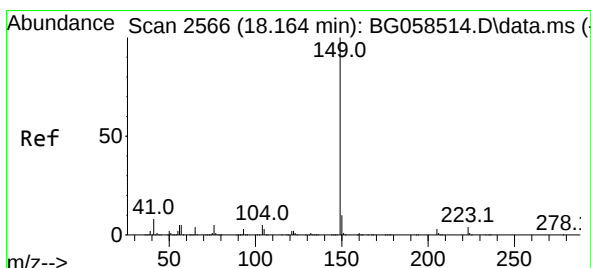
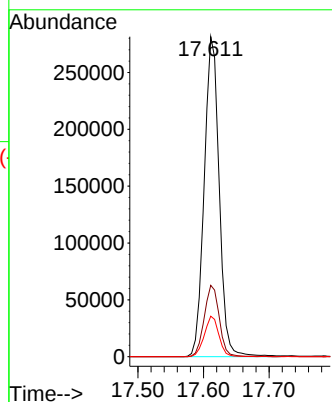
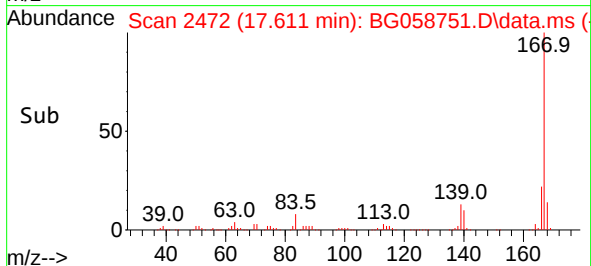


Tgt Ion:167 Resp: 448111
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 12.7 10.0 15.0

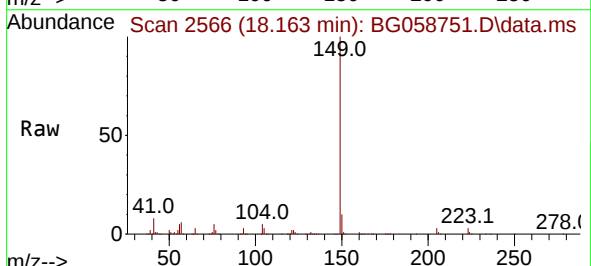
Manual Integrations

APPROVED

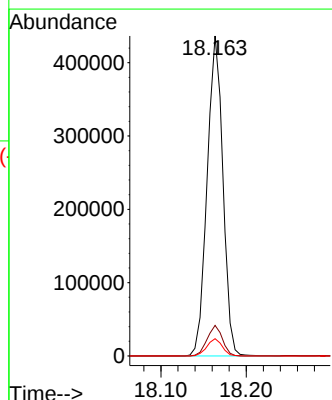
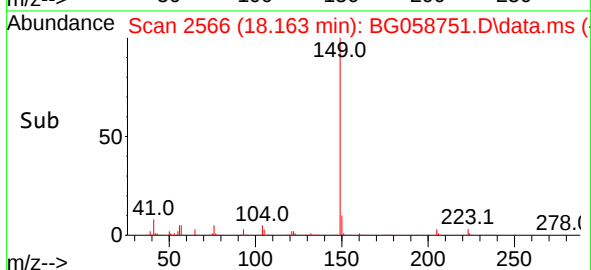
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

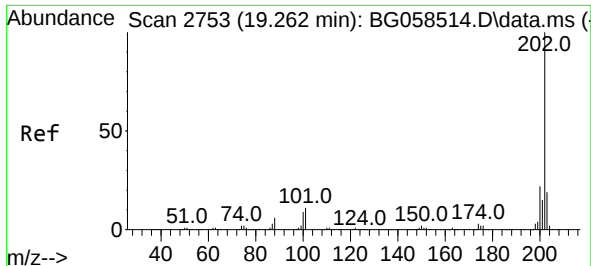


#74
 Di-n-butylphthalate
 Concen: 48.363 ng
 RT: 18.163 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47



Tgt Ion:149 Resp: 560831
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.4 4.0 6.0





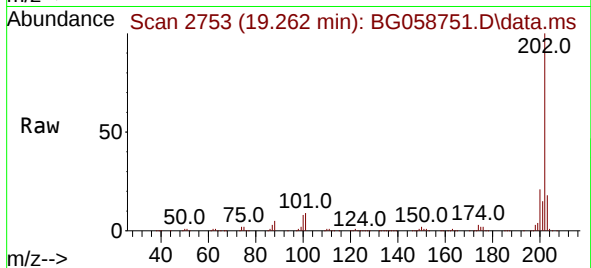
#75
Fluoranthene
Concen: 47.742 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS



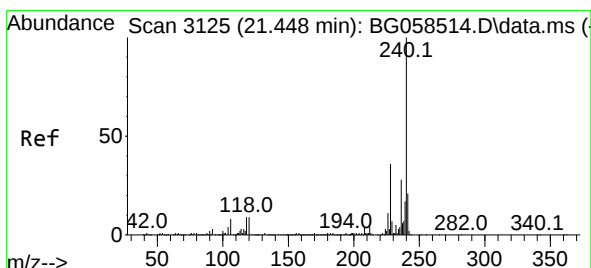
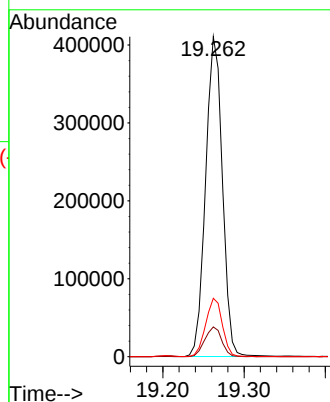
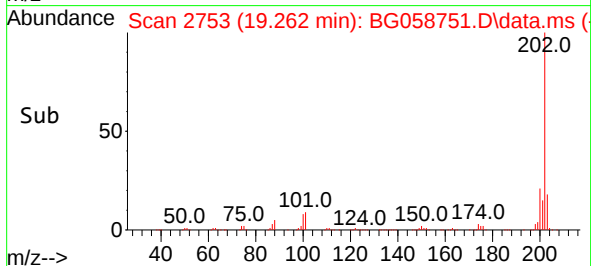
Tgt Ion:202 Resp: 58679
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 18.3 0.0 39.0

Manual Integrations

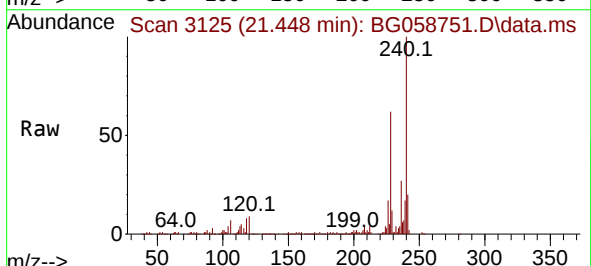
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

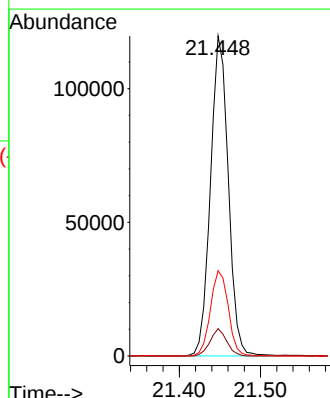
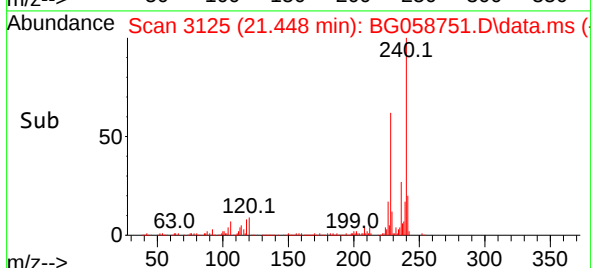
Supervised By :mohammad ahmed 08/17/2023

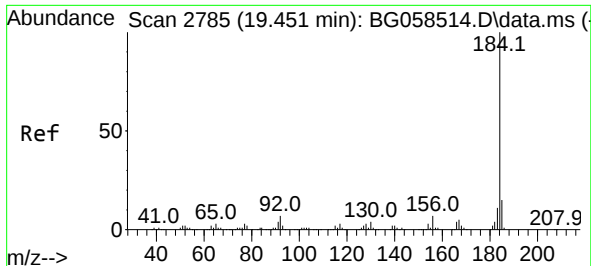


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:240 Resp: 182246
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.6 22.2 33.4





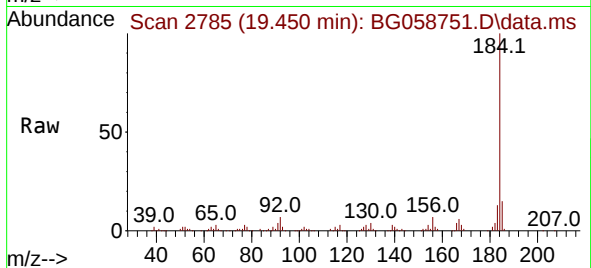
#77
Benzidine
Concen: 60.439 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS



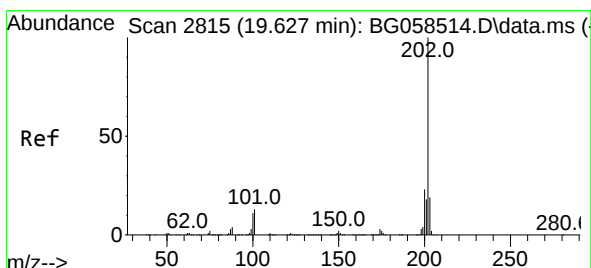
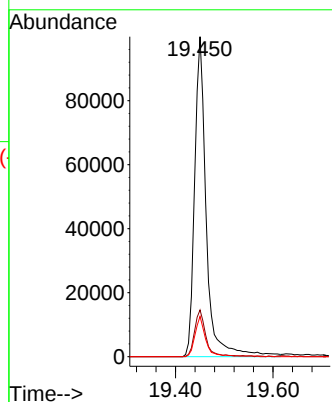
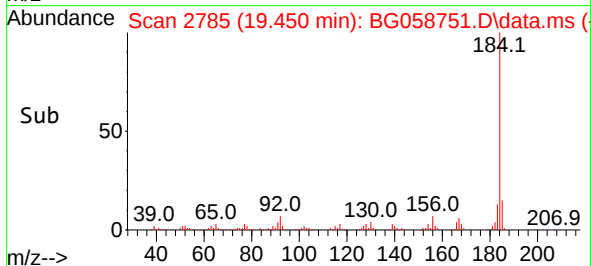
Tgt Ion:184 Resp: 167028
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.6 8.7 13.1

Manual Integrations

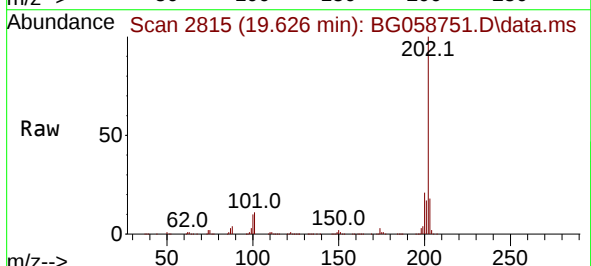
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

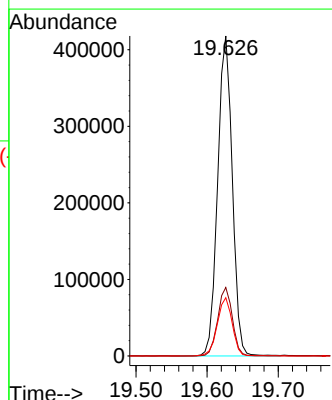
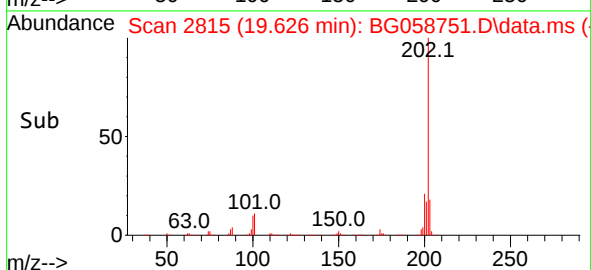
Supervised By :mohammad ahmed 08/17/2023



#78
Pyrene
Concen: 47.946 ng
RT: 19.626 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:202 Resp: 594672
Ion Ratio Lower Upper
202 100
200 21.4 18.2 27.2
203 18.2 15.1 22.7





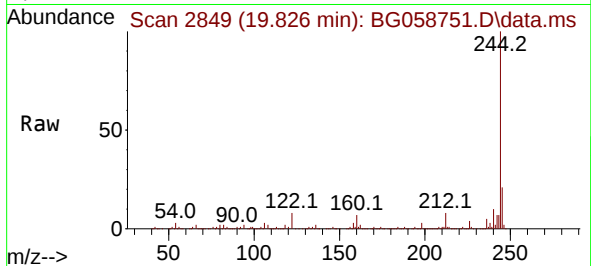
#79
 Terphenyl-d14
 Concen: 97.372 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

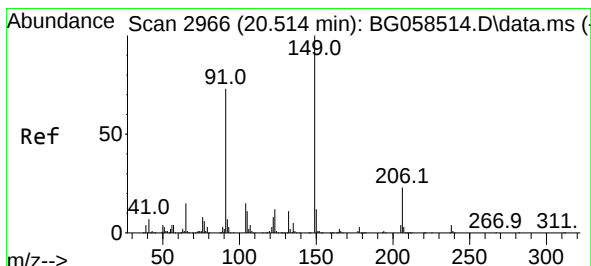
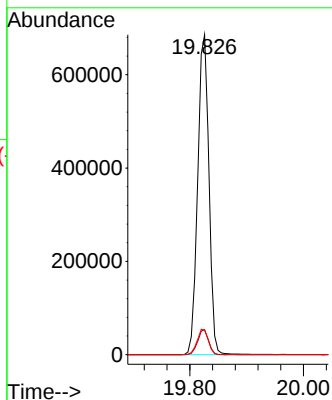
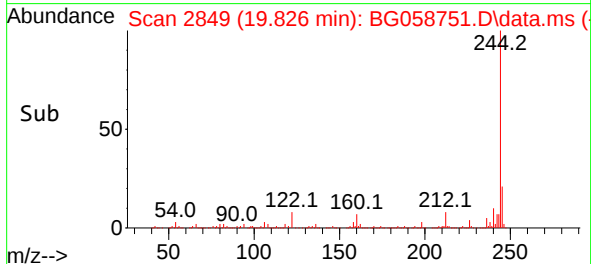


Tgt Ion:244 Resp: 94365
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 7.7 6.8 10.2

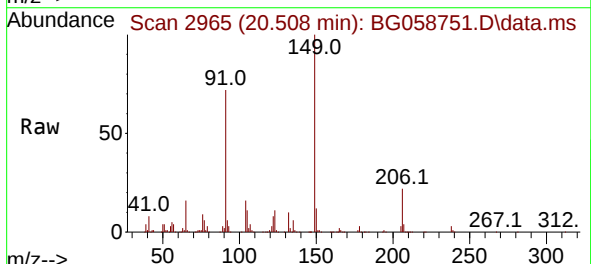
Manual Integrations

APPROVED

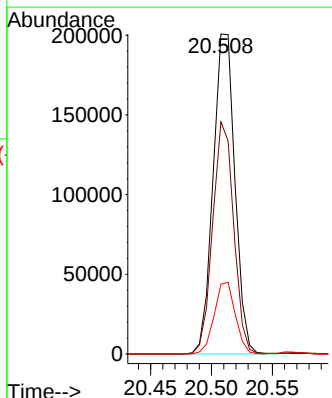
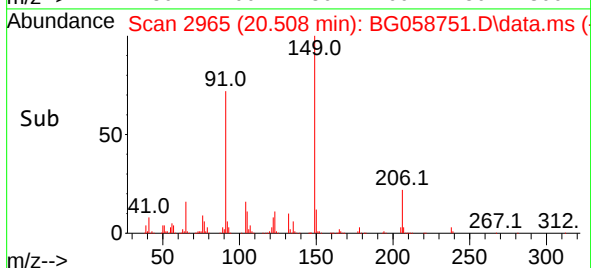
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

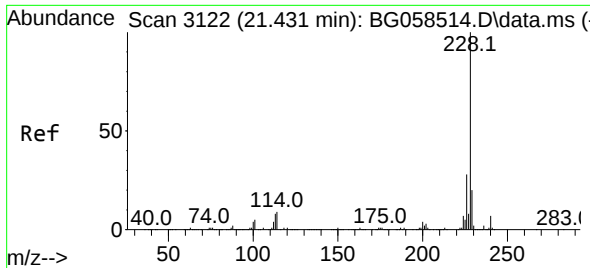


#80
 Butylbenzylphthalate
 Concen: 49.161 ng
 RT: 20.508 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058751.D
 Acq: 16 Aug 2023 16:47



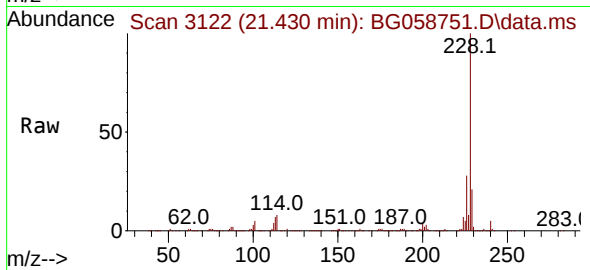
Tgt Ion:149 Resp: 250455
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.4 87.6
 206 21.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 47.633 ng
RT: 21.430 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

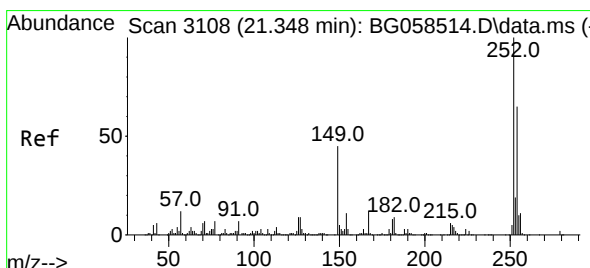
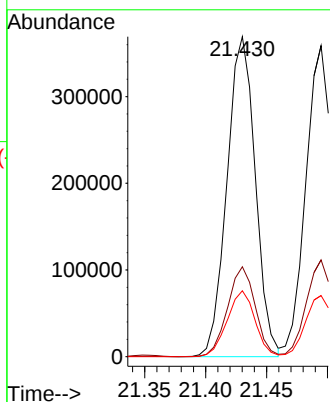
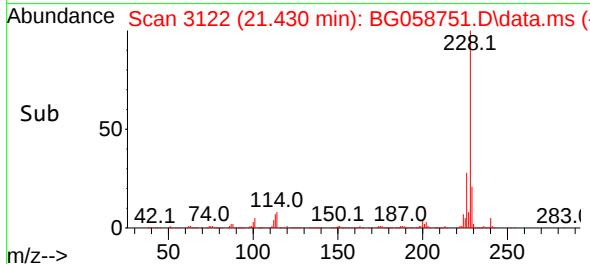
Instrument :
BNA_G
ClientSampleId :
PB154435BS



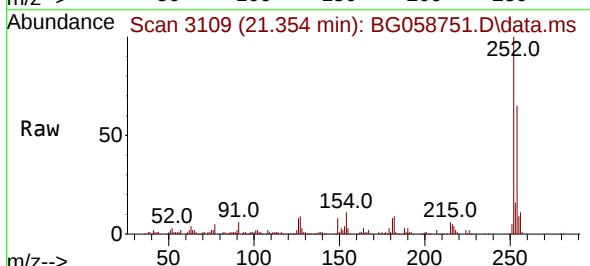
Tgt Ion:228 Resp: 597410
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.6 16.3 24.5

Manual Integrations
APPROVED

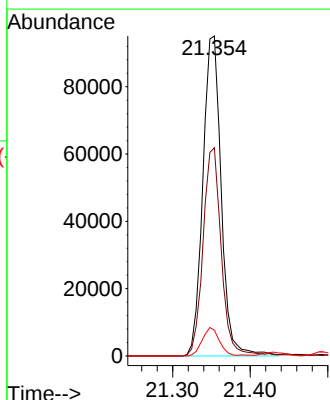
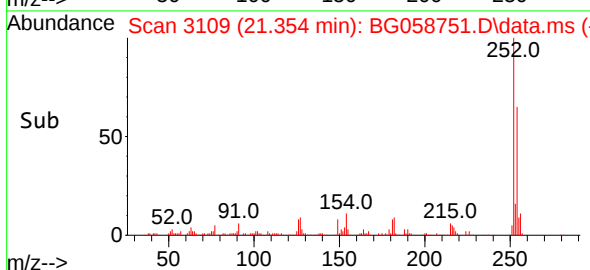
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.937 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:252 Resp: 156633
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.4
126 8.1 7.2 10.8





#83

Chrysene

Concen: 46.628 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Instrument :

BNA_G

ClientSampleId :

PB154435BS

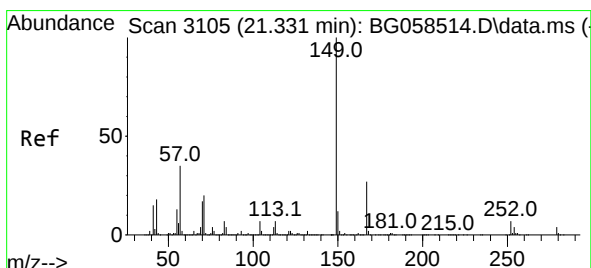
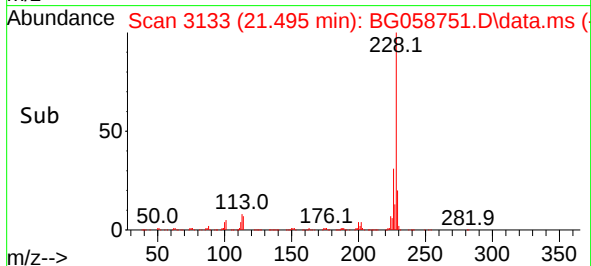
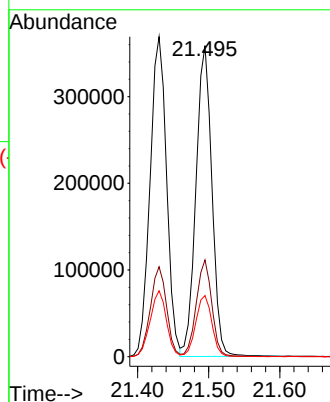
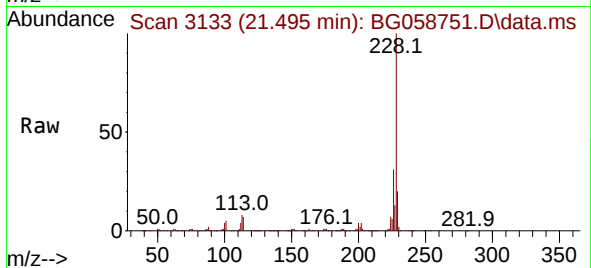
Tgt Ion:228 Resp: 560714

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.7	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: 48.791 ng

RT: 21.330 min Scan# 3105

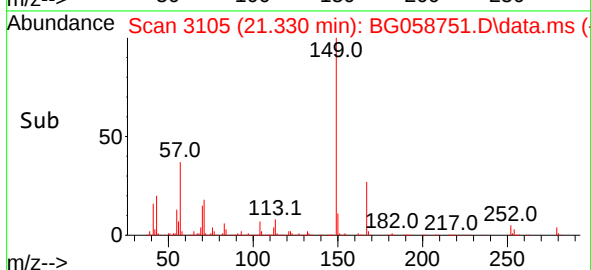
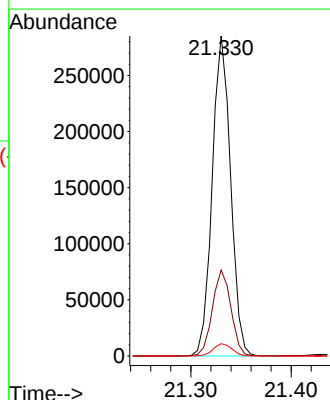
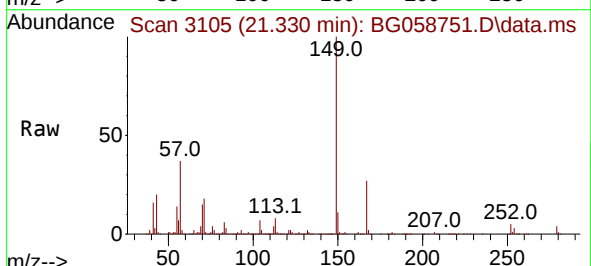
Delta R.T. -0.000 min

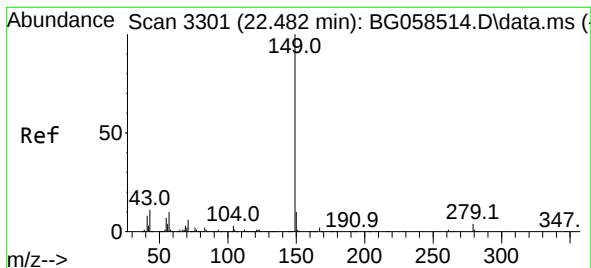
Lab File: BG058751.D

Acq: 16 Aug 2023 16:47

Tgt Ion:149 Resp: 363242

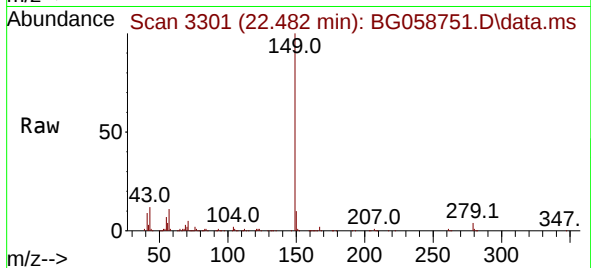
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	3.9	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 48.438 ng
RT: 22.482 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

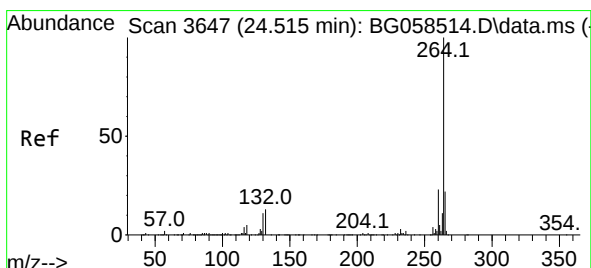
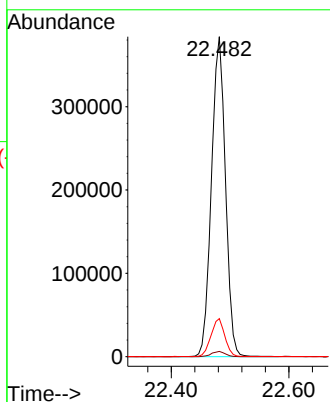
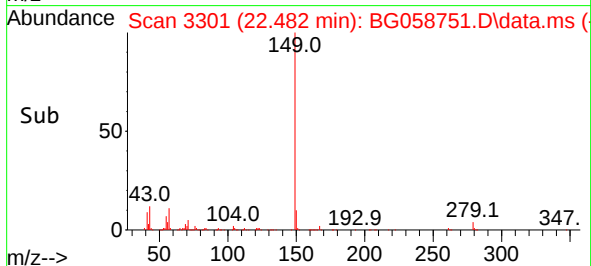
Instrument :
BNA_G
ClientSampleId :
PB154435BS



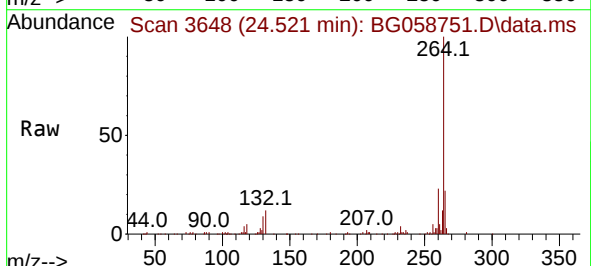
Tgt Ion:149 Resp: 63400
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.2 12.2

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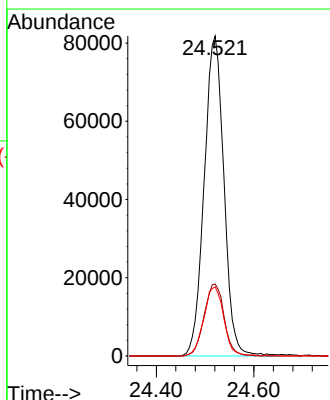
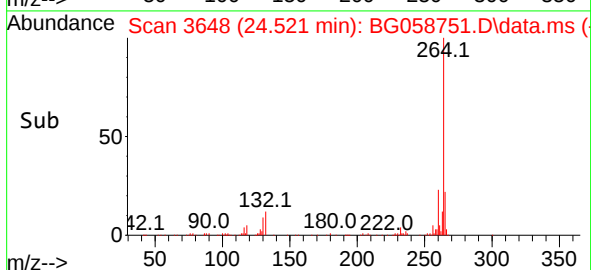
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

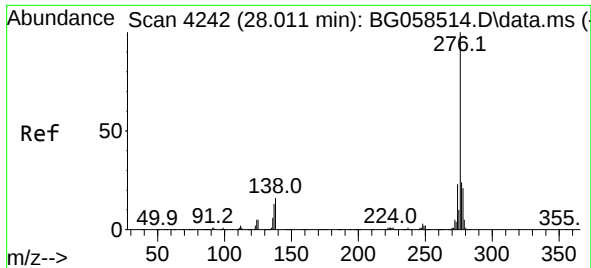


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



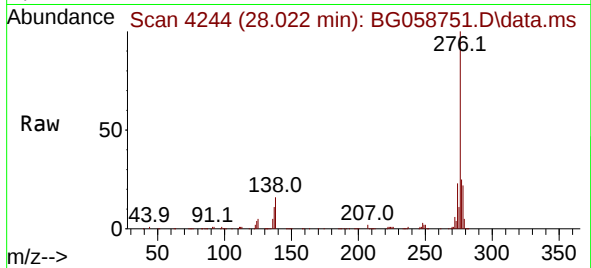
Tgt Ion:264 Resp: 229448
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.6 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.986 ng
RT: 28.022 min Scan# 4244
Delta R.T. 0.011 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

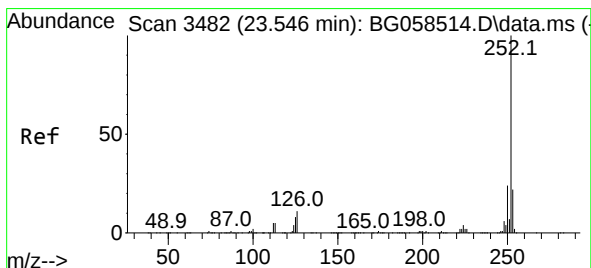
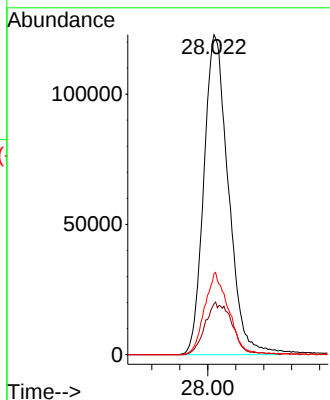
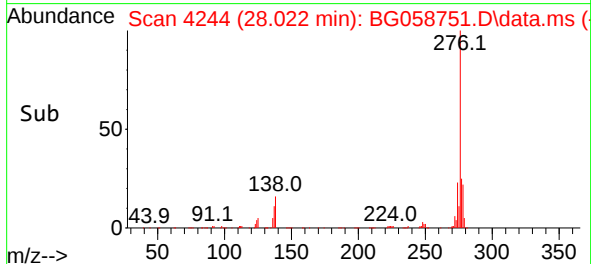
Instrument :
BNA_G
ClientSampleId :
PB154435BS



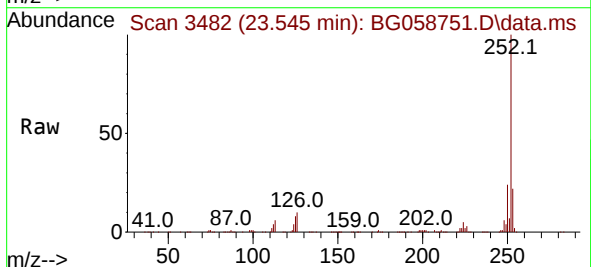
Tgt Ion:276 Resp: 74774
Ion Ratio Lower Upper
276 100
138 17.8 16.0 24.0
277 25.2 20.4 30.6

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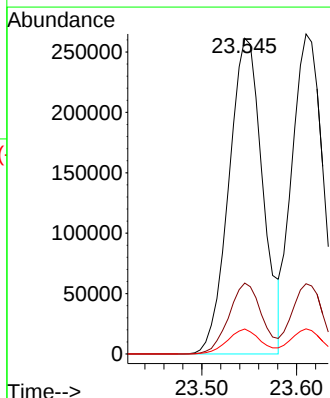
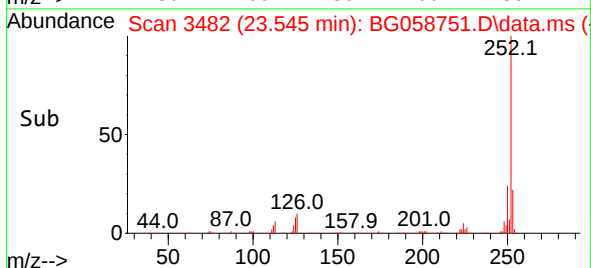
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#88
Benzo(b)fluoranthene
Concen: 52.145 ng
RT: 23.545 min Scan# 3482
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



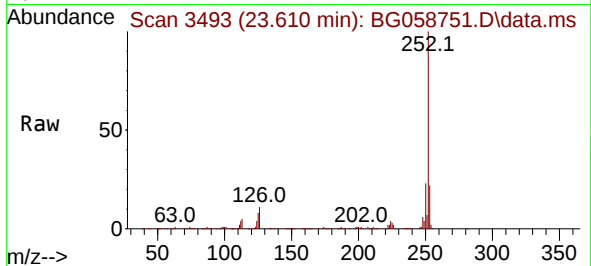
Tgt Ion:252 Resp: 648937
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.9 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 48.183 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

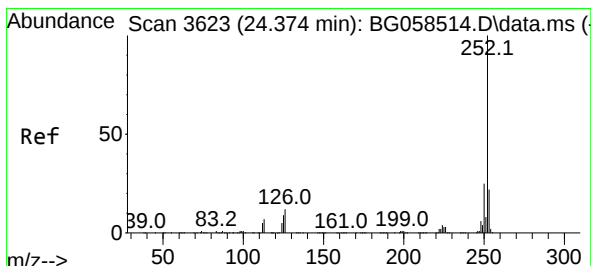
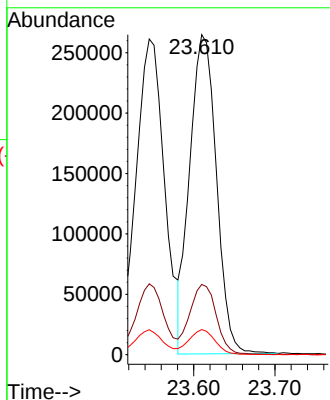
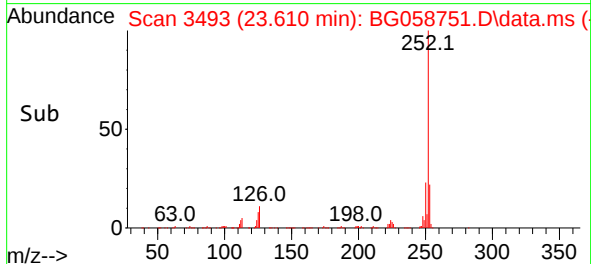
Instrument :
BNA_G
ClientSampleId :
PB154435BS



Tgt Ion:252 Resp: 602384
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.9 6.6 10.0

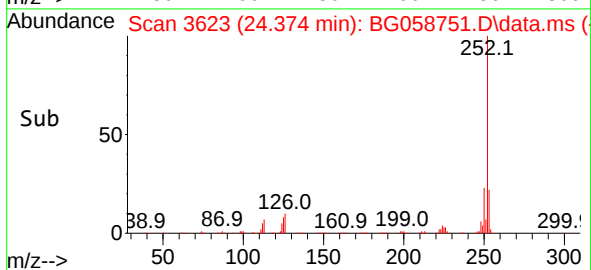
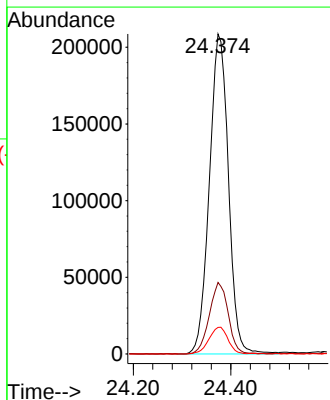
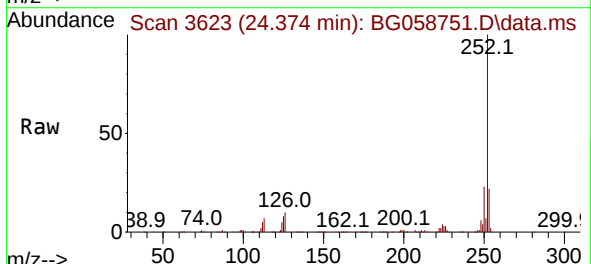
Manual Integrations
APPROVED

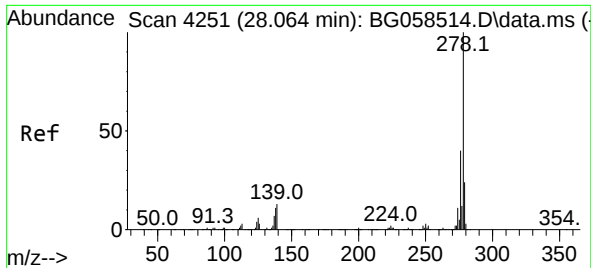
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#90
Benzo(a)pyrene
Concen: 46.324 ng
RT: 24.374 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

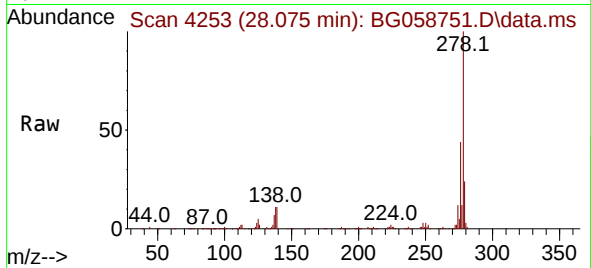
Tgt Ion:252 Resp: 566151
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.3 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.774 ng
RT: 28.075 min Scan# 41
Delta R.T. 0.011 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47

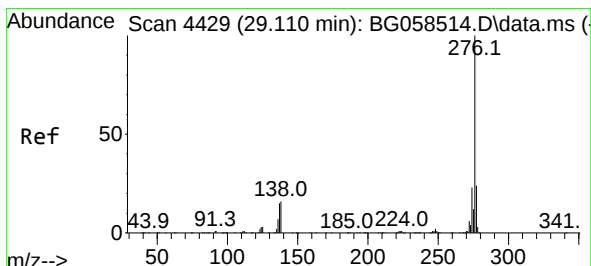
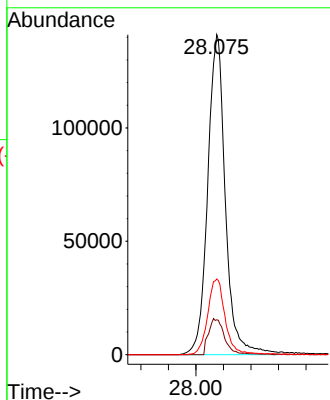
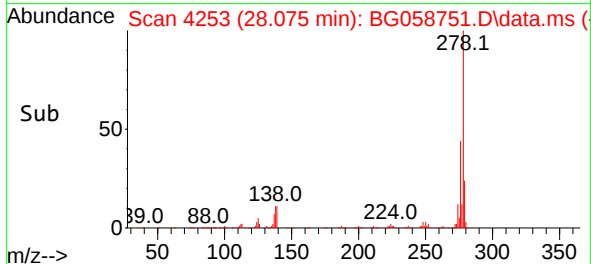
Instrument :
BNA_G
ClientSampleId :
PB154435BS



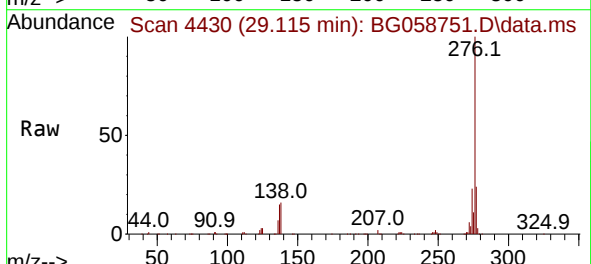
Tgt Ion:278 Resp: 628228
Ion Ratio Lower Upper
278 100
139 10.9 10.4 15.6
279 23.7 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.464 ng
RT: 29.115 min Scan# 4430
Delta R.T. 0.005 min
Lab File: BG058751.D
Acq: 16 Aug 2023 16:47



Tgt Ion:276 Resp: 588066
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 15.9 13.0 19.4

