

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060713.D
 Acq On : 1 Apr 2024 13:11
 Operator : MA/JU
 Sample : PB159867BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159867BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

Quant Time: Apr 01 13:45:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	71367	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	314907	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	233861	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	587310	20.000	ng	0.00
76) Chrysene-d12	21.601	240	544613	20.000	ng	0.00
86) Perylene-d12	24.739	264	586171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	639791	149.344	ng	0.00
7) Phenol-d6	7.118	99	913340	143.627	ng	0.00
23) Nitrobenzene-d5	9.116	82	518926	94.030	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	405089	152.593	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1391793	87.344	ng	0.00
79) Terphenyl-d14	19.962	244	2520171	81.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	60211	34.281	ng	95
3) Pyridine	3.845	79	154869	29.232	ng	95
4) n-Nitrosodimethylamine	3.757	42	134178	42.369	ng	98
6) Aniline	7.283	93	153008	19.054	ng	99
8) 2-Chlorophenol	7.524	128	246638	50.782	ng	96
9) Benzaldehyde	7.095	77	20557m	5.862	ng	
10) Phenol	7.142	94	341198	52.574	ng	99
11) bis(2-Chloroethyl)ether	7.383	93	231818	44.242	ng	98
12) 1,3-Dichlorobenzene	7.847	146	235255	46.579	ng	97
13) 1,4-Dichlorobenzene	7.994	146	243799	47.314	ng	97
14) 1,2-Dichlorobenzene	8.311	146	237391	47.011	ng	98
15) Benzyl Alcohol	8.193	79	243136	47.201	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	529406	44.770	ng	99
17) 2-Methylphenol	8.393	107	231747	47.302	ng	97
18) Hexachloroethane	9.045	117	83455	45.602	ng	90
19) n-Nitroso-di-n-propyla...	8.769	70	204555	42.181	ng	# 96
20) 3+4-Methylphenols	8.722	107	311080	46.368	ng	96
22) Acetophenone	8.775	105	391561	45.094	ng	99
24) Nitrobenzene	9.157	77	276966	45.255	ng	98
25) Isophorone	9.680	82	566064	44.533	ng	98
26) 2-Nitrophenol	9.868	139	96659	45.481	ng	97
27) 2,4-Dimethylphenol	9.927	122	210033	41.134	ng	97
28) bis(2-Chloroethoxy)met...	10.167	93	342463	45.635	ng	99
29) 2,4-Dichlorophenol	10.397	162	247807	52.850	ng	99
30) 1,2,4-Trichlorobenzene	10.620	180	252173	47.496	ng	99
31) Naphthalene	10.808	128	774635	45.474	ng	99
32) Benzoic acid	10.062	122	155729	46.148	ng	93
33) 4-Chloroaniline	10.908	127	141163	17.841	ng	99
34) Hexachlorobutadiene	11.102	225	162576	45.945	ng	98
35) Caprolactam	11.683	113	92267m	49.684	ng	
36) 4-Chloro-3-methylphenol	12.030	107	304058	50.763	ng	97
37) 2-Methylnaphthalene	12.418	142	542991	43.357	ng	99
38) 1-Methylnaphthalene	12.629	142	520998	44.036	ng	97
40) 1,2,4,5-Tetrachloroben...	12.782	216	313786	46.672	ng	99
41) Hexachlorocyclopentadiene	12.770	237	296263	86.662	ng	98
43) 2,4,6-Trichlorophenol	13.017	196	223050	51.523	ng	96

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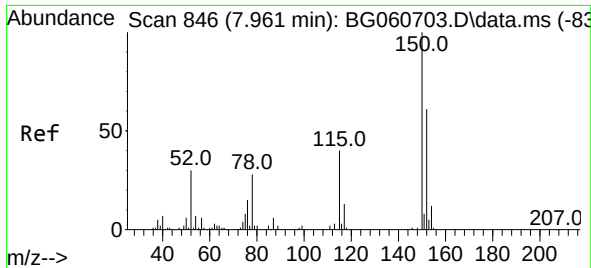
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	248575	48.114	ng	98
46) 1,1'-Biphenyl	13.422	154	768738	46.538	ng	100
47) 2-Chloronaphthalene	13.464	162	602129	47.978	ng	97
48) 2-Nitroaniline	13.658	65	204950	50.003	ng	98
49) Acenaphthylene	14.310	152	1040628	49.348	ng	100
50) Dimethylphthalate	14.051	163	877129	47.452	ng	99
51) 2,6-Dinitrotoluene	14.157	165	168247	50.630	ng	96
52) Acenaphthene	14.650	154	669476m	50.564	ng	
53) 3-Nitroaniline	14.486	138	115765	32.843	ng	99
54) 2,4-Dinitrophenol	14.692	184	157971	122.778	ng	89
55) Dibenzofuran	14.991	168	976396	46.753	ng	100
56) 4-Nitrophenol	14.791	139	324046	119.917	ng	90
57) 2,4-Dinitrotoluene	14.944	165	232369	53.309	ng	97
58) Fluorene	15.638	166	785406	46.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	237861	52.830	ng	98
60) Diethylphthalate	15.420	149	882371	47.447	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	405689	45.751	ng	97
62) 4-Nitroaniline	15.649	138	185193	54.798	ng	98
63) Azobenzene	15.931	77	857156	47.300	ng	99
65) 4,6-Dinitro-2-methylph...	15.708	198	108131	45.109	ng	93
66) n-Nitrosodiphenylamine	15.849	169	752580	44.841	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	267580	44.893	ng	98
68) Hexachlorobenzene	16.642	284	319085	47.422	ng	98
69) Atrazine	16.801	200	223758	38.125	ng	99
70) Pentachlorophenol	16.983	266	419751	95.607	ng	99
71) Phenanthrene	17.377	178	1378618	45.134	ng	98
72) Anthracene	17.471	178	1382008	44.552	ng	100
73) Carbazole	17.735	167	1263948	46.214	ng	99
74) Di-n-butylphthalate	18.323	149	1531280	44.908	ng	99
75) Fluoranthene	19.386	202	1649867	44.513	ng	99
77) Benzidine	19.568	184	341335	23.802	ng	100
78) Pyrene	19.750	202	1706504	44.803	ng	99
80) Butylbenzylphthalate	20.661	149	661777	47.629	ng	99
81) Benzo(a)anthracene	21.578	228	1761223	45.878	ng	98
82) 3,3'-Dichlorobenzidine	21.495	252	499569	38.540	ng	98
83) Chrysene	21.642	228	1663963	44.970	ng	98
84) Bis(2-ethylhexyl)phtha...	21.531	149	1028874	46.459	ng	99
85) Di-n-octyl phthalate	22.735	149	1732116	48.011	ng	98
87) Indeno(1,2,3-cd)pyrene	28.305	276	2112099	51.167	ng	98
88) Benzo(b)fluoranthene	23.752	252	1741332	51.709	ng	98
89) Benzo(k)fluoranthene	23.822	252	1768319	51.303	ng	99
90) Benzo(a)pyrene	24.598	252	1594151	48.712	ng	98
91) Dibenzo(a,h)anthracene	28.387	278	1786131	51.331	ng	97
92) Benzo(g,h,i)perylene	29.416	276	1679064	49.605	ng	99

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

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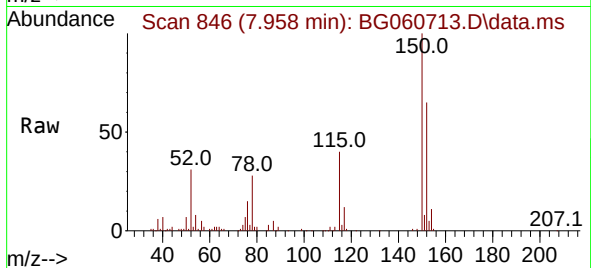
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

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PB159867BS



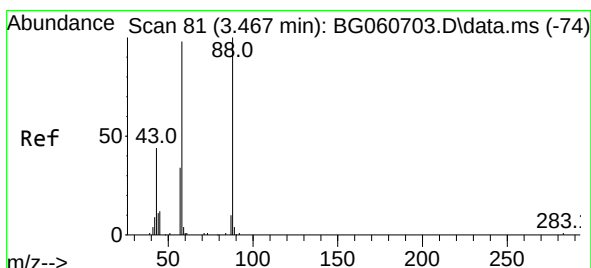
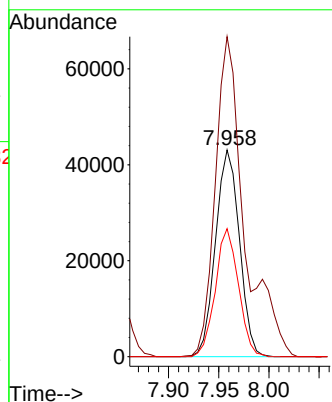
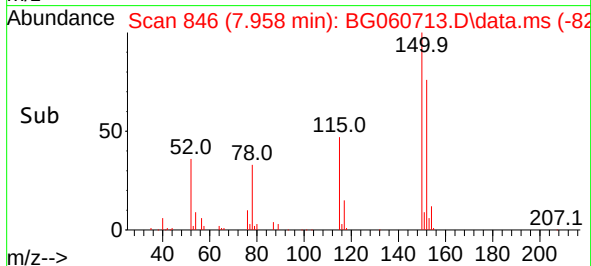
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 Ion Ratio Lower Upper
 152 100
 150 154.7 130.2 195.4
 115 61.9 51.6 77.4

Manual Integrations

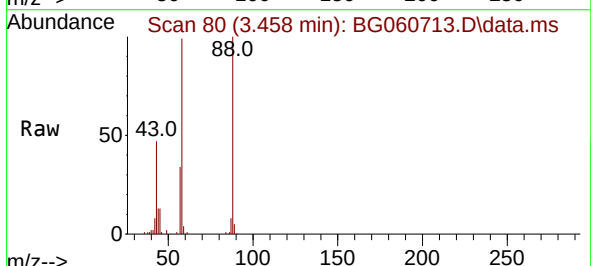
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

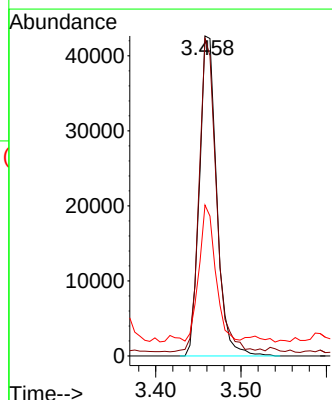
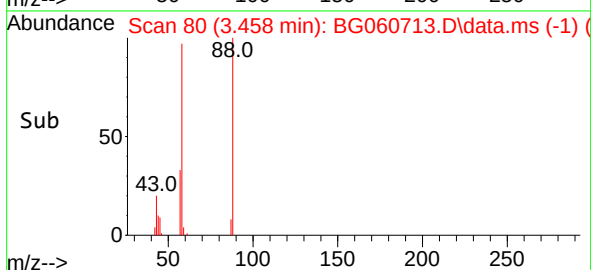
Supervised By :mohammad ahmed 04/02/2024

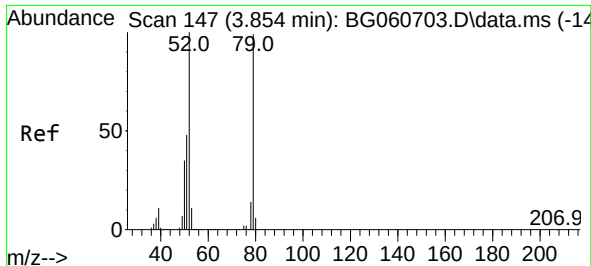


#2
 1,4-Dioxane
 Concen: 34.281 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.009 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11



Tgt Ion: 88 Resp: 60211
 Ion Ratio Lower Upper
 88 100
 58 96.7 80.9 121.3
 43 39.9 35.4 53.0





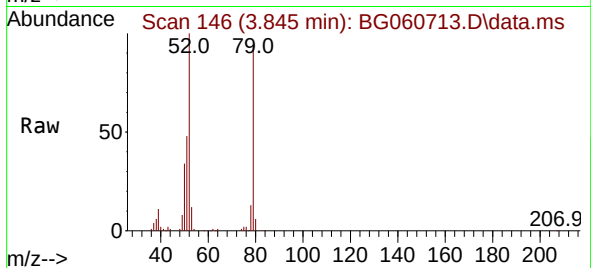
#3
Pyridine
Concen: 29.232 ng
RT: 3.845 min Scan# 147
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

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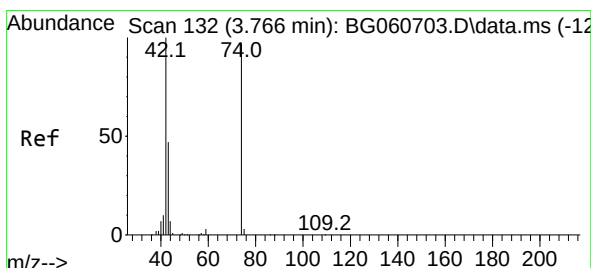
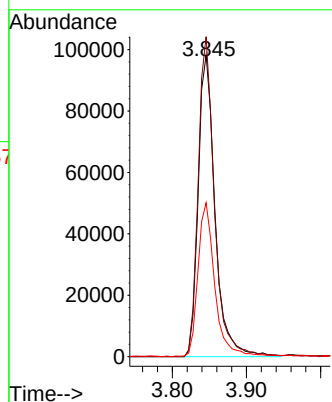
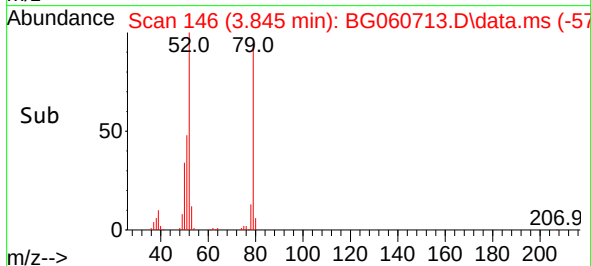
Tgt Ion: 79 Resp: 154869
Ion Ratio Lower Upper
79 100
52 106.1 80.6 120.8
51 51.1 39.1 58.7

Manual Integrations

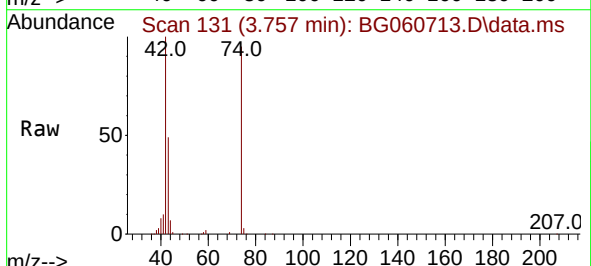
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Reviewed By :Yogesh Patel 04/02/2024

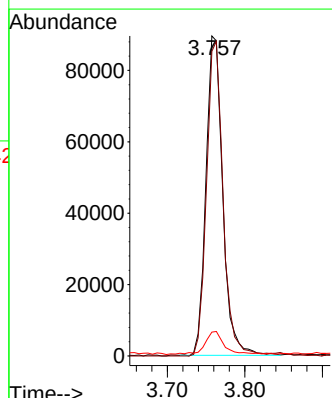
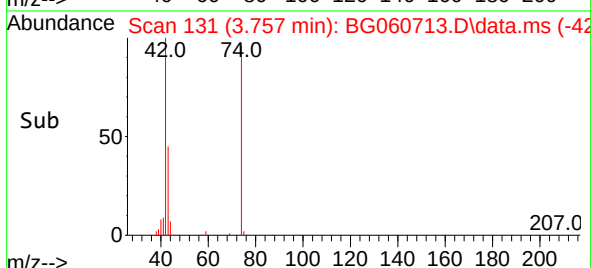
Supervised By :mohammad ahmed 04/02/2024

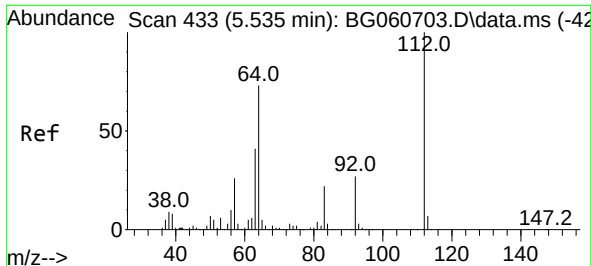


#4
n-Nitrosodimethylamine
Concen: 42.369 ng
RT: 3.757 min Scan# 131
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion: 42 Resp: 134178
Ion Ratio Lower Upper
42 100
74 95.2 77.8 116.8
44 7.5 6.8 10.2





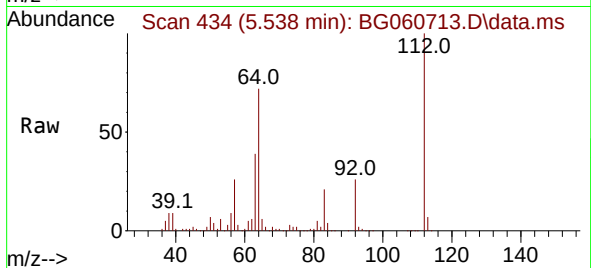
#5
2-Fluorophenol
Concen: 149.344 ng
RT: 5.538 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

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PB159867BS



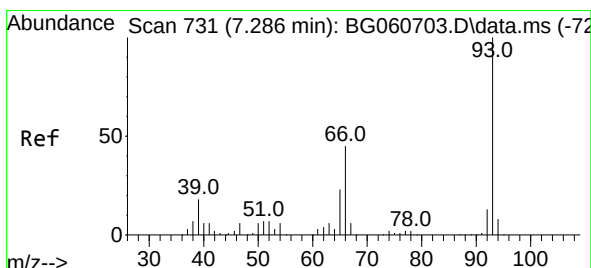
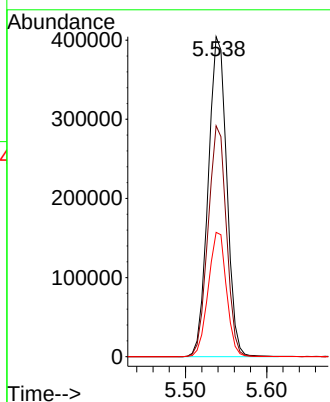
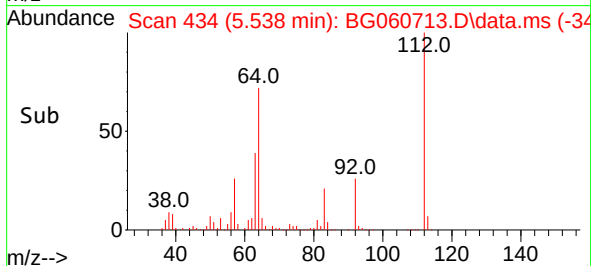
Tgt Ion:112 Resp: 63979
Ion Ratio Lower Upper
112 100
64 72.1 58.4 87.6
63 38.8 32.7 49.1

Manual Integrations

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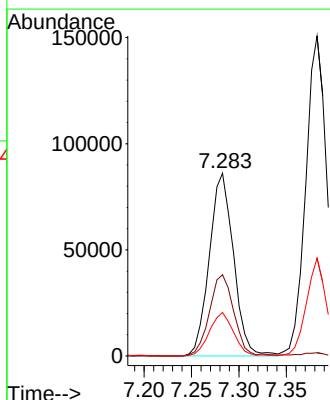
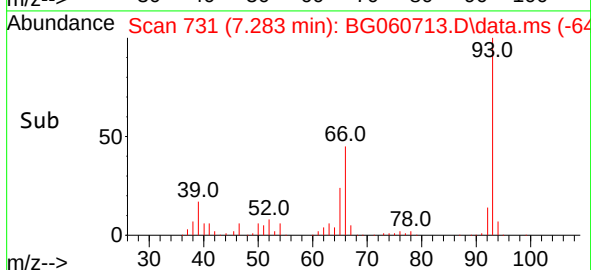
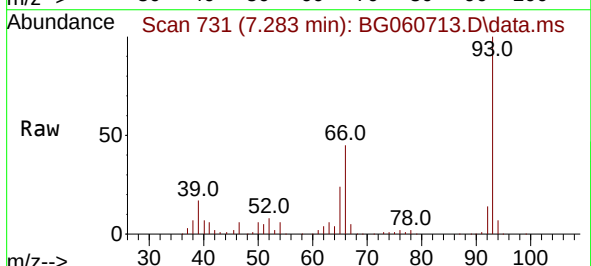
Reviewed By :Yogesh Patel 04/02/2024

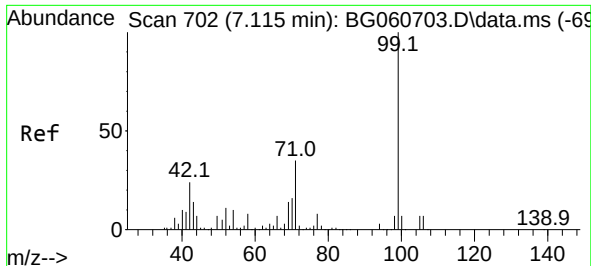
Supervised By :mohammad ahmed 04/02/2024



#6
Aniline
Concen: 19.054 ng
RT: 7.283 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

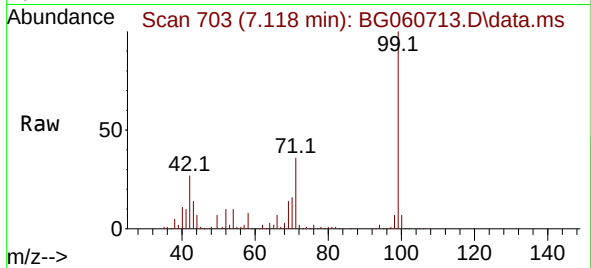
Tgt Ion: 93 Resp: 153008
Ion Ratio Lower Upper
93 100
66 44.5 36.1 54.1
65 23.8 18.1 27.1





#7
Phenol-d6
Concen: 143.627 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

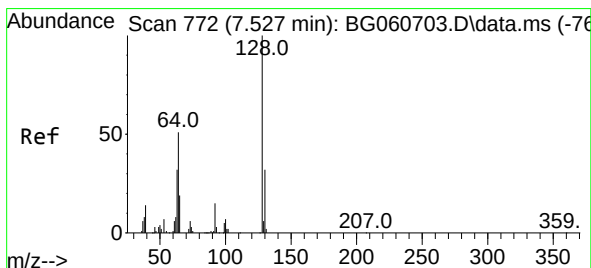
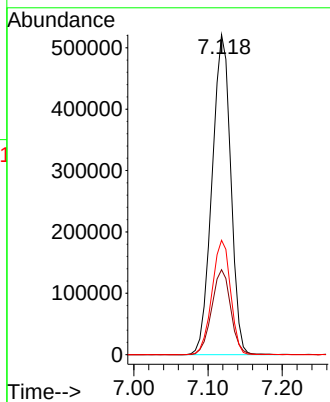
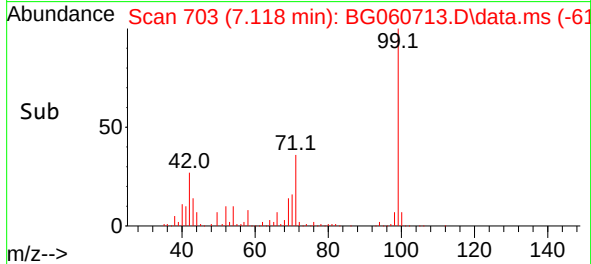
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 913340
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 35.8 28.2 42.2

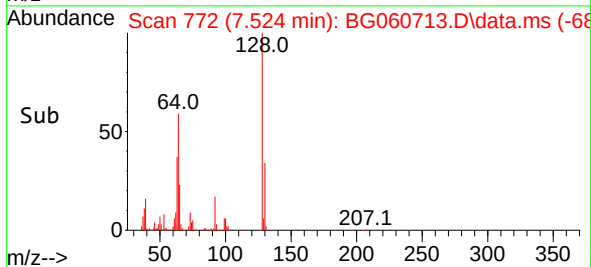
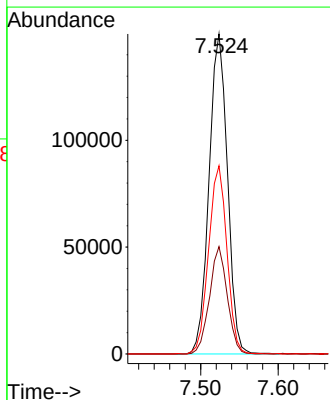
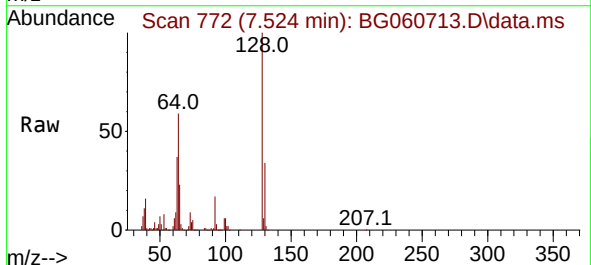
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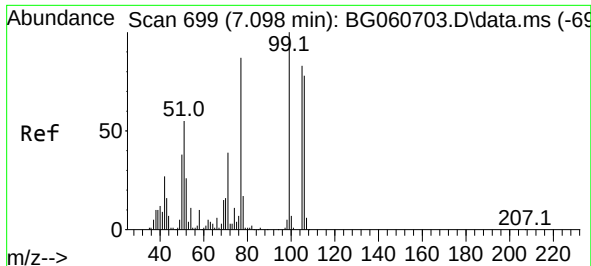
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#8
2-Chlorophenol
Concen: 50.782 ng
RT: 7.524 min Scan# 772
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:128 Resp: 246638
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 58.8 35.0 75.0





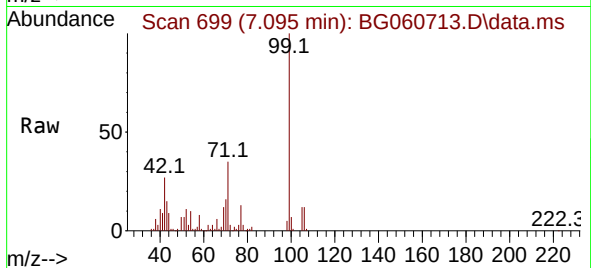
#9
Benzaldehyde
Concen: 5.862 ng m
RT: 7.095 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

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ClientSampleId :

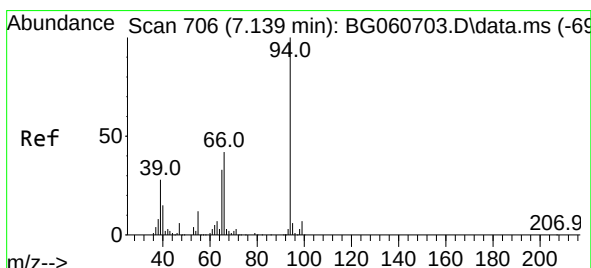
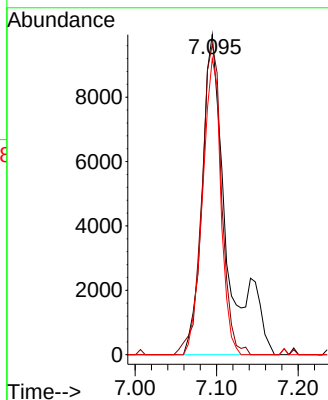
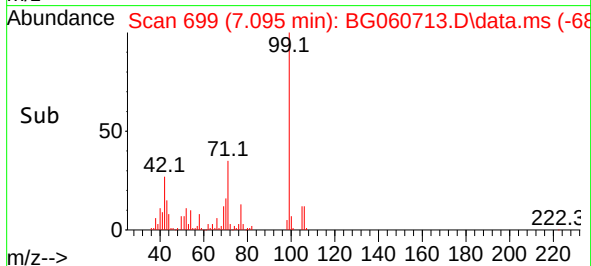
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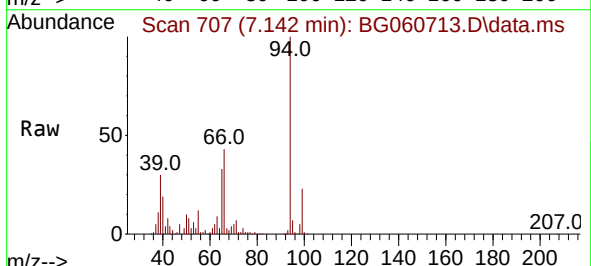
Tgt Ion: 77 Resp: 2055
Ion Ratio Lower Upper
77 100
105 97.0 76.0 116.0
106 92.5 70.3 110.3

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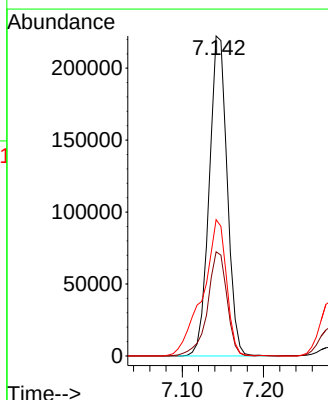
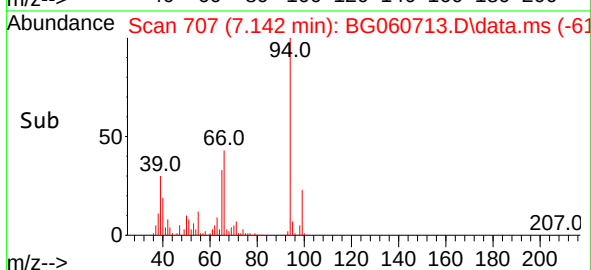
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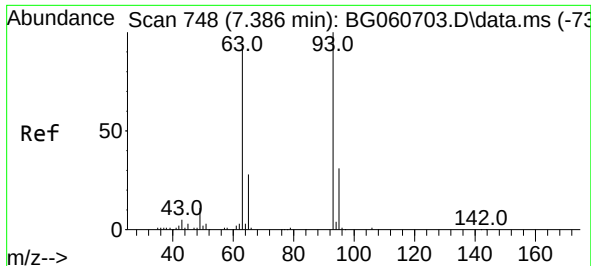


#10
Phenol
Concen: 52.574 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion: 94 Resp: 341198
Ion Ratio Lower Upper
94 100
65 32.5 13.3 53.3
66 42.6 22.9 62.9





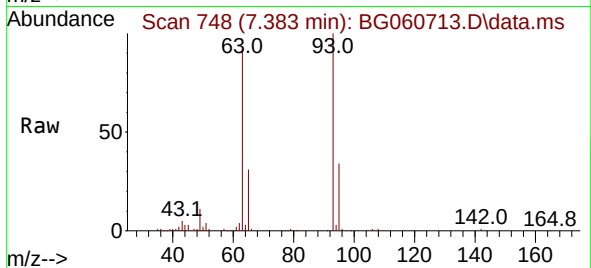
#11
bis(2-Chloroethyl)ether
Concen: 44.242 ng
RT: 7.383 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



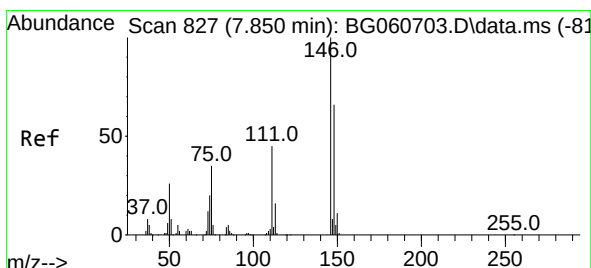
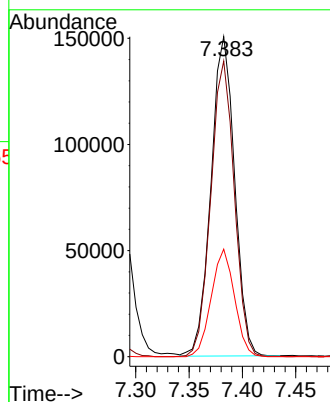
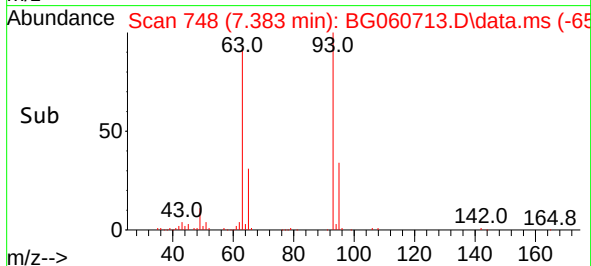
Tgt Ion: 93 Resp: 231818
Ion Ratio Lower Upper
93 100
63 92.4 73.7 113.7
95 33.6 11.2 51.2

Manual Integrations

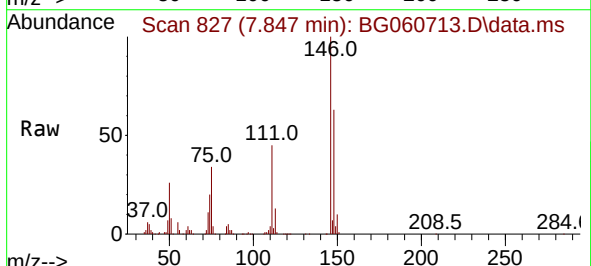
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

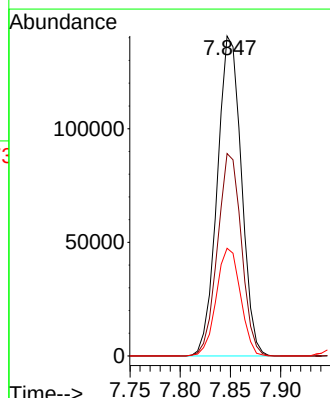
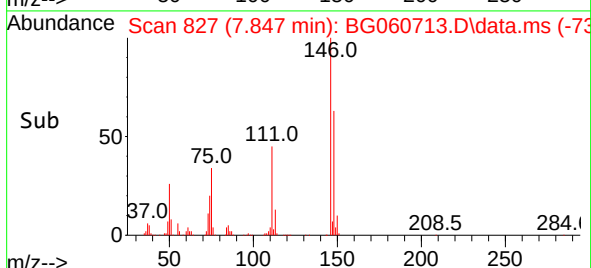
Supervised By :mohammad ahmed 04/02/2024

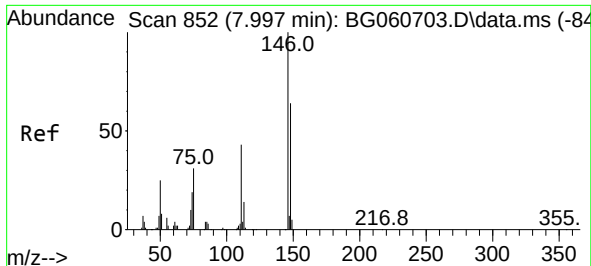


#12
1,3-Dichlorobenzene
Concen: 46.579 ng
RT: 7.847 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:146 Resp: 235255
Ion Ratio Lower Upper
146 100
148 63.3 53.0 79.4
75 33.7 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.314 ng

RT: 7.994 min Scan# 852

Delta R.T. -0.003 min

Lab File: BG060713.D

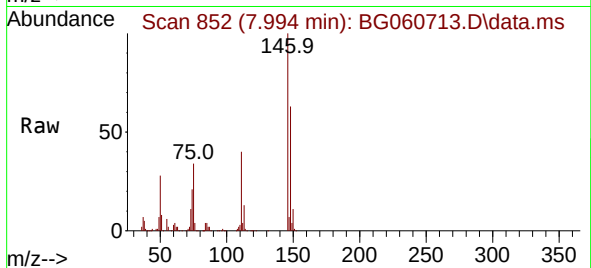
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



Tgt Ion:146 Resp: 243799

Ion Ratio Lower Upper

146 100

148 62.6 51.1 76.7

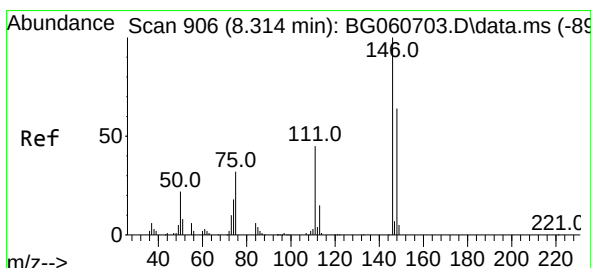
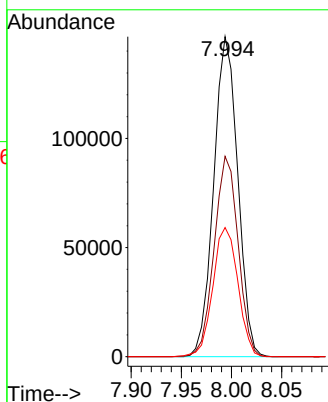
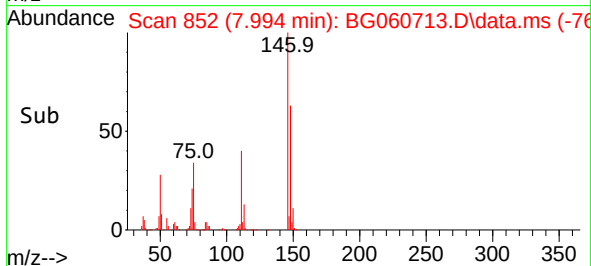
111 40.4 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#14

1,2-Dichlorobenzene

Concen: 47.011 ng

RT: 8.311 min Scan# 906

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

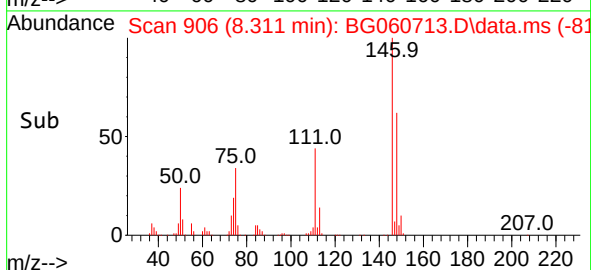
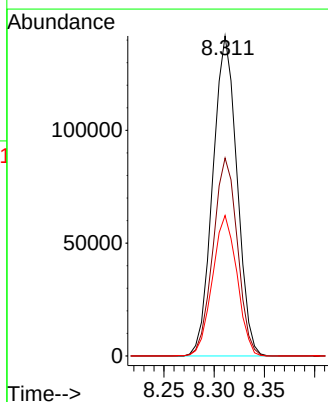
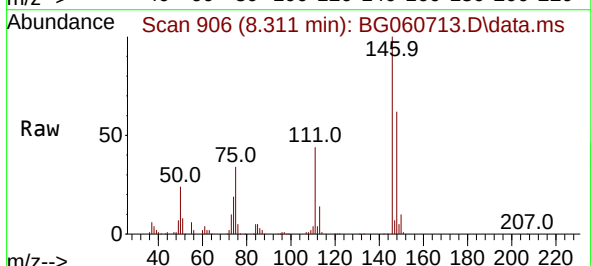
Tgt Ion:146 Resp: 237391

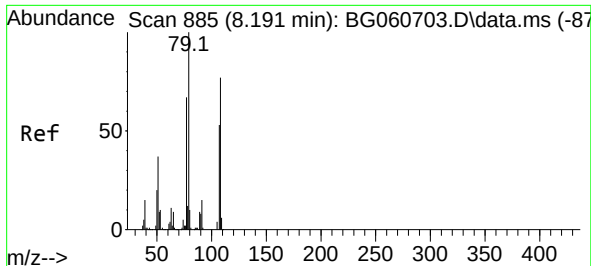
Ion Ratio Lower Upper

146 100

148 61.8 51.0 76.6

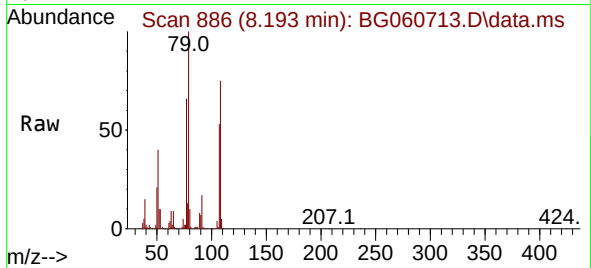
111 43.9 36.0 54.0





#15
Benzyl Alcohol
Concen: 47.201 ng
RT: 8.193 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

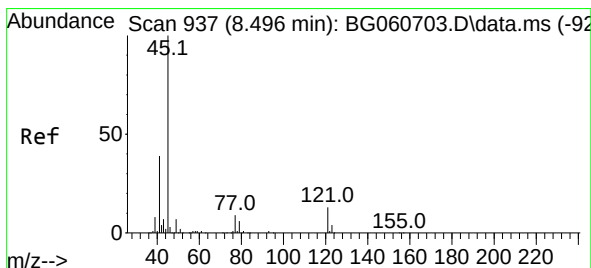
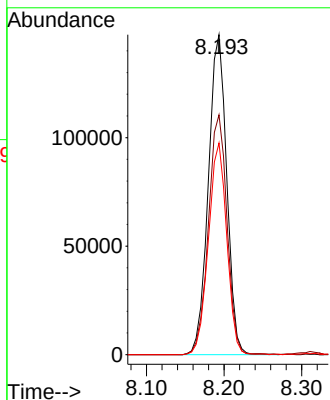
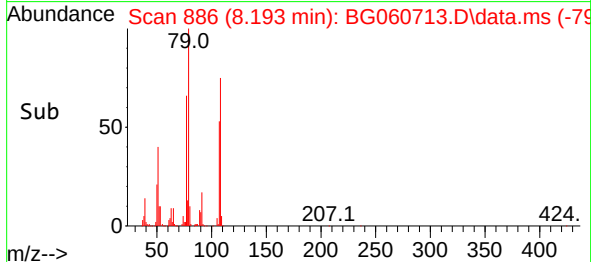
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion: 79 Resp: 243130
Ion Ratio Lower Upper
79 100
108 74.9 61.4 92.0
77 66.1 53.6 80.4

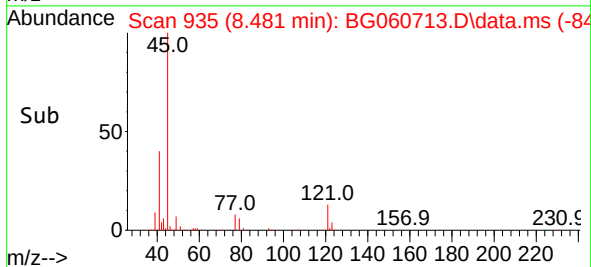
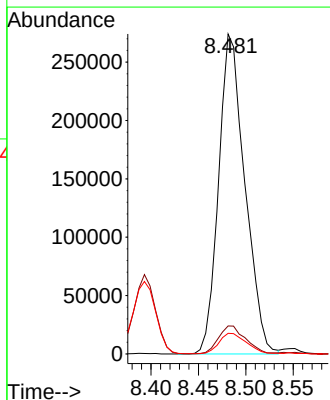
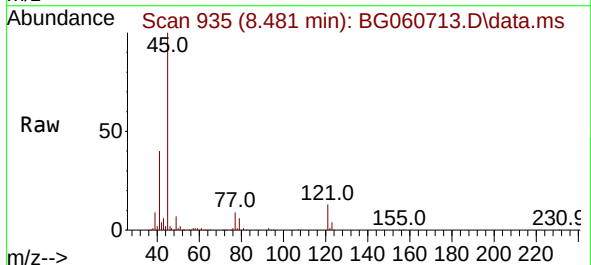
Manual Integrations
APPROVED

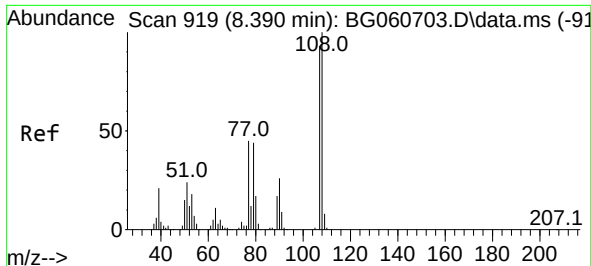
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.770 ng
RT: 8.481 min Scan# 935
Delta R.T. -0.015 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion: 45 Resp: 529406
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.1
79 6.4 0.0 26.5





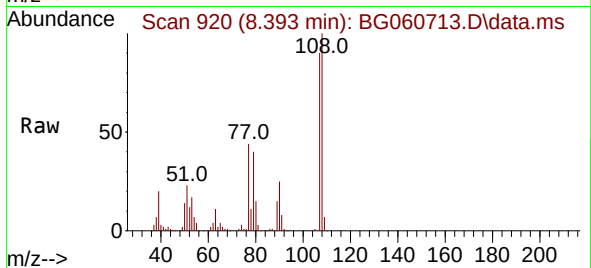
#17
2-Methylphenol
Concen: 47.302 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



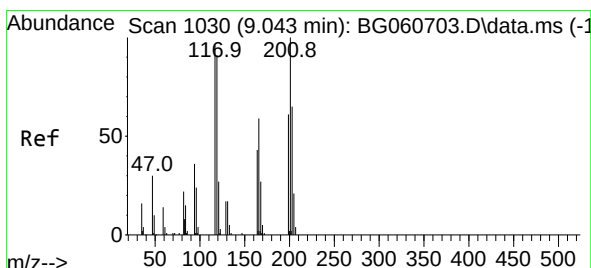
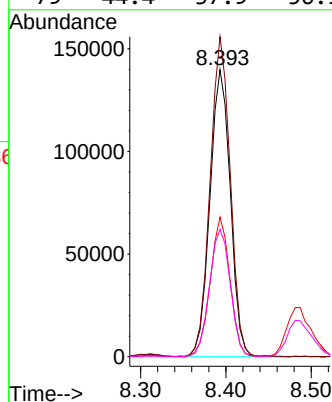
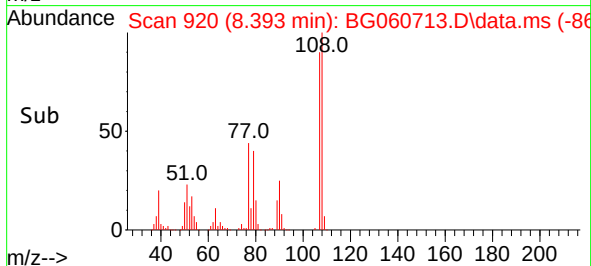
Tgt Ion:107 Resp: 23174
Ion Ratio Lower Upper
107 100
108 111.5 86.4 129.6
77 48.6 38.6 58.0
79 44.4 37.9 56.9

Manual Integrations

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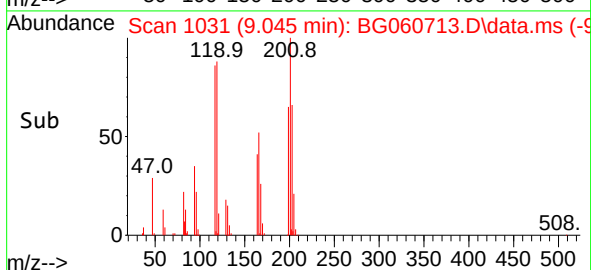
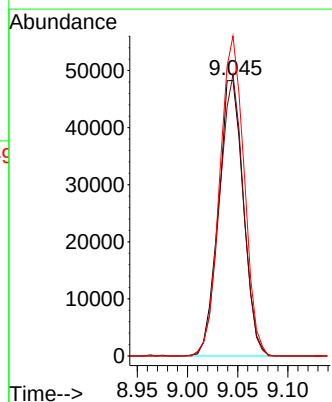
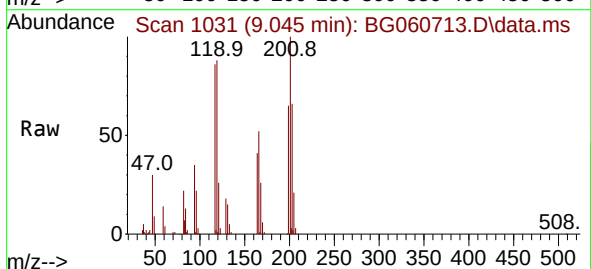
Reviewed By :Yogesh Patel 04/02/2024

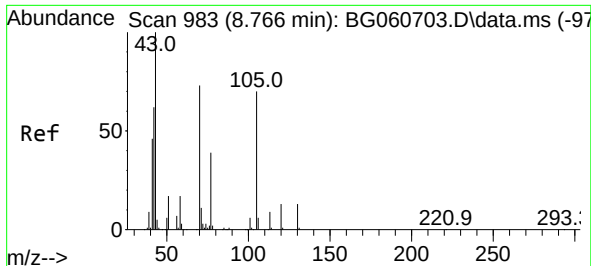
Supervised By :mohammad ahmed 04/02/2024



#18
Hexachloroethane
Concen: 45.602 ng
RT: 9.045 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

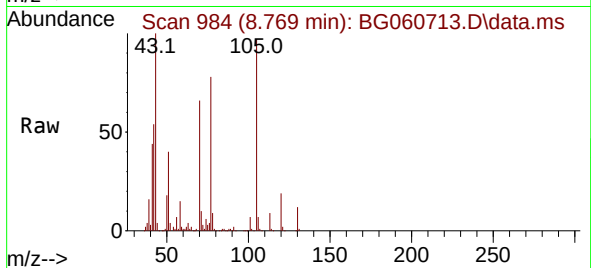
Tgt Ion:117 Resp: 83455
Ion Ratio Lower Upper
117 100
119 102.1 75.7 113.5
201 116.1 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.181 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

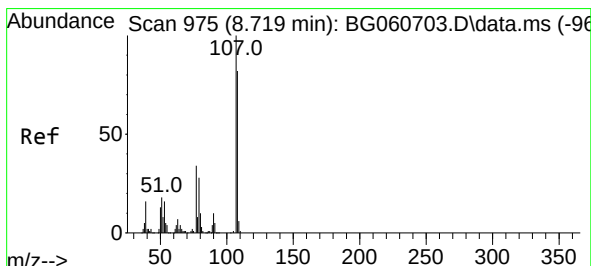
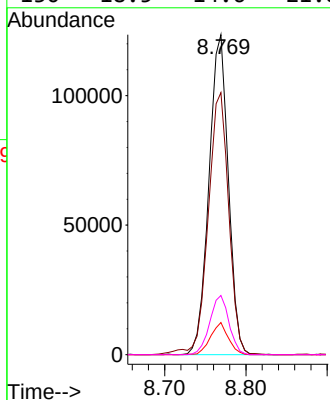
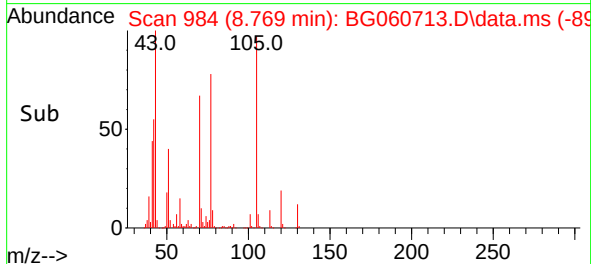
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion: 70 Resp: 20455
Ion Ratio Lower Upper
70 100
42 81.9 68.4 102.6
101 10.0 6.1 9.1
130 18.5 14.6 21.8

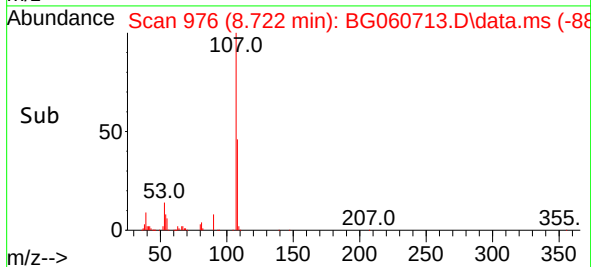
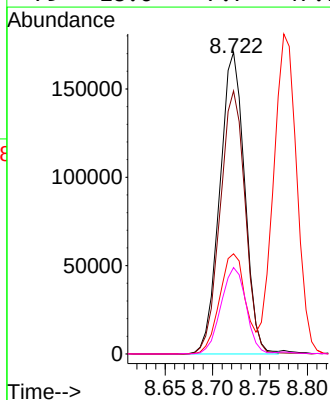
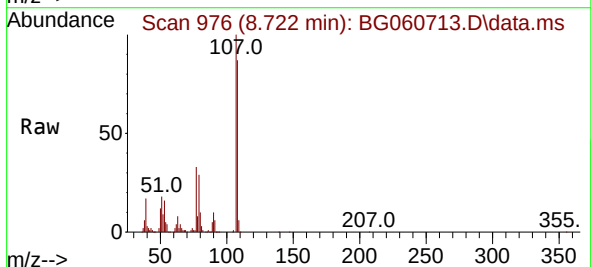
Manual Integrations
APPROVED

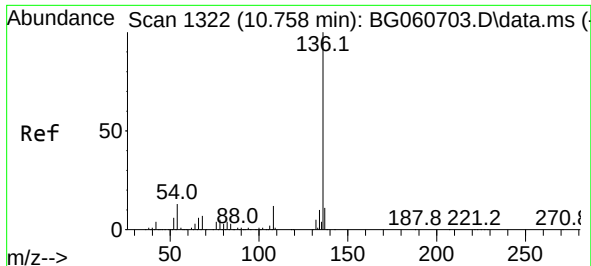
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#20
3+4-Methylphenols
Concen: 46.368 ng
RT: 8.722 min Scan# 976
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:107 Resp: 311080
Ion Ratio Lower Upper
107 100
108 87.2 62.2 102.2
77 33.2 14.1 54.1
79 28.6 7.7 47.7





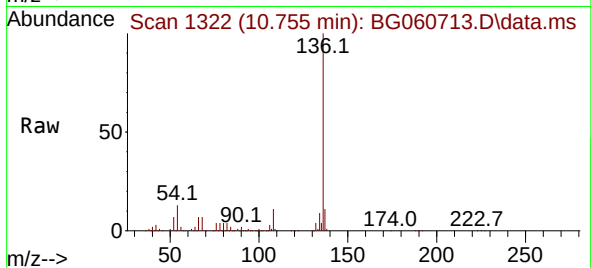
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

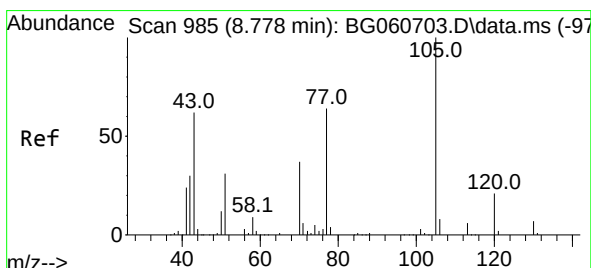
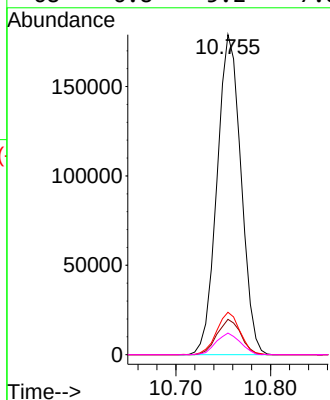
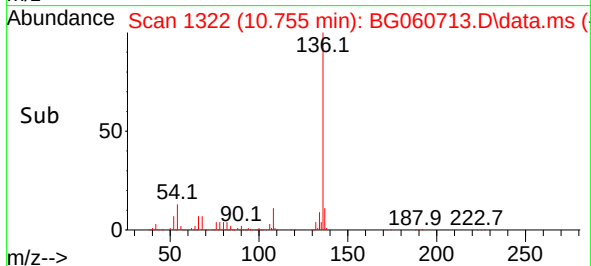


Tgt Ion:136 Resp: 31490
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.3 10.2 15.2
68 6.8 5.2 7.8

Manual Integrations

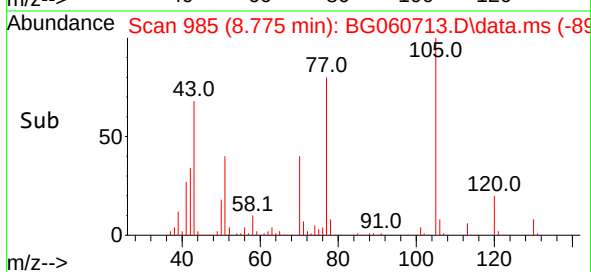
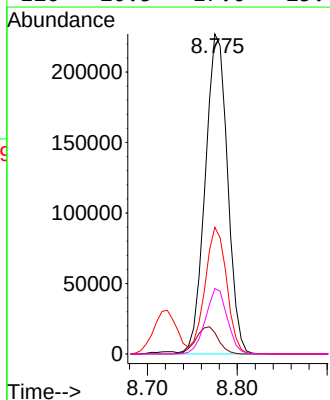
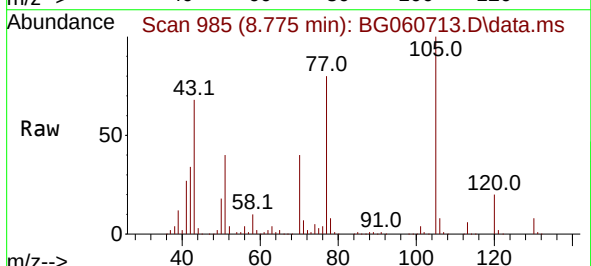
APPROVED

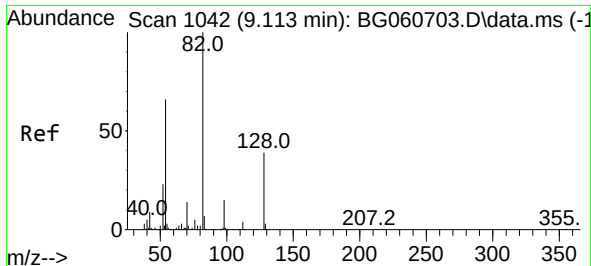
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#22
Acetophenone
Concen: 45.094 ng
RT: 8.775 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:105 Resp: 391561
Ion Ratio Lower Upper
105 100
71 6.7 4.9 7.3
51 39.6 31.1 46.7
120 20.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 94.030 ng
RT: 9.116 min Scan# 1043
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

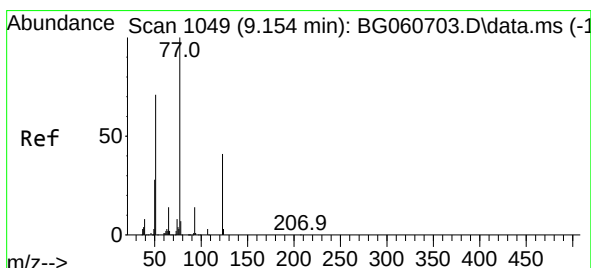
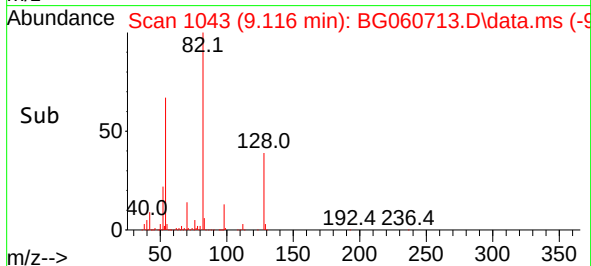
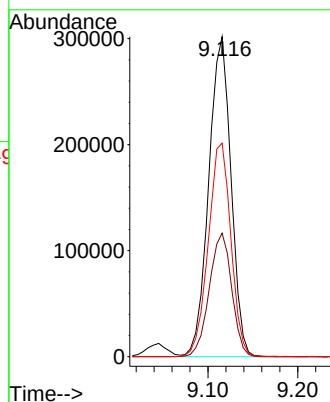
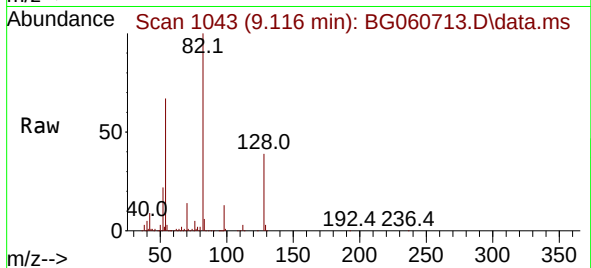
Tgt Ion: 82 Resp: 518920
Ion Ratio Lower Upper
82 100
128 38.6 31.2 46.8
54 66.8 53.2 79.8

Manual Integrations

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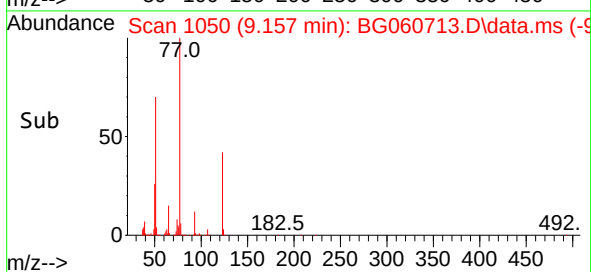
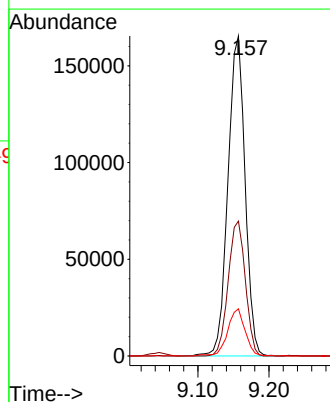
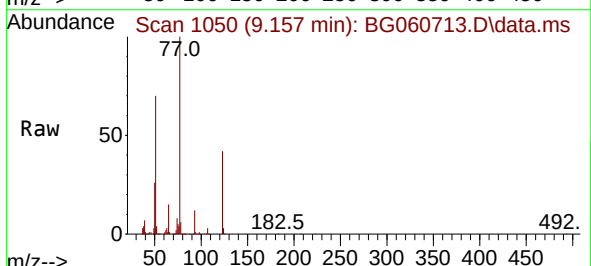
Reviewed By :Yogesh Patel 04/02/2024

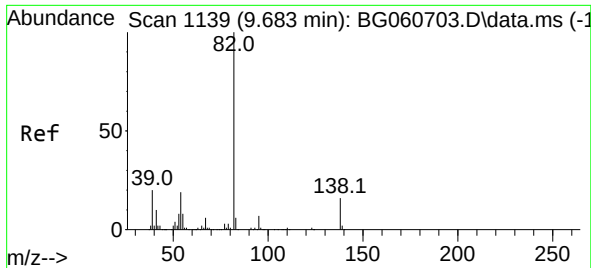
Supervised By :mohammad ahmed 04/02/2024



#24
Nitrobenzene
Concen: 45.255 ng
RT: 9.157 min Scan# 1050
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

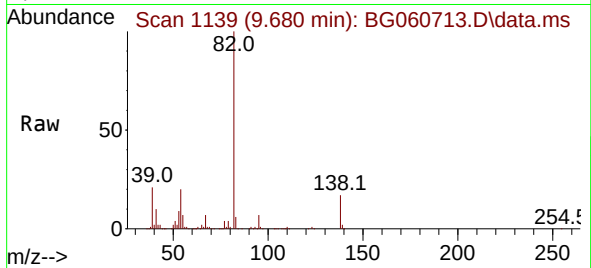
Tgt Ion: 77 Resp: 276966
Ion Ratio Lower Upper
77 100
123 42.1 32.7 49.1
65 14.8 11.3 16.9





#25
Isophorone
Concen: 44.533 ng
RT: 9.680 min Scan# 1139
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

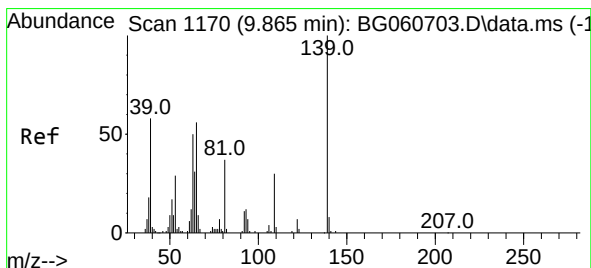
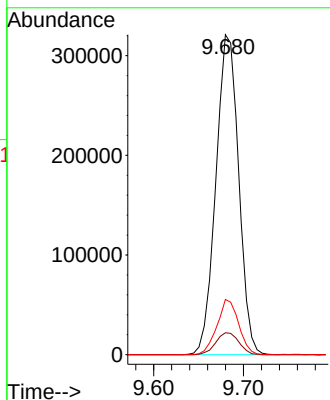
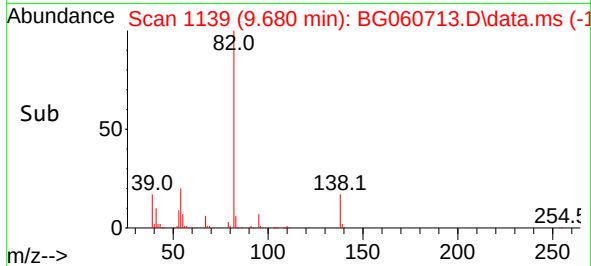
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion: 82 Resp: 566064
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 17.2 13.0 19.4

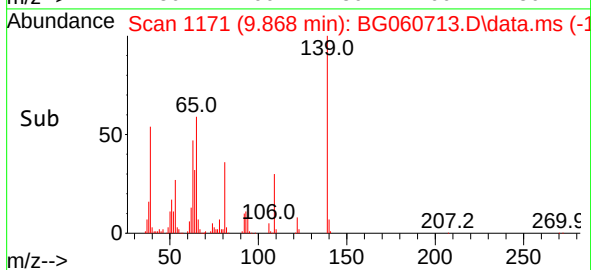
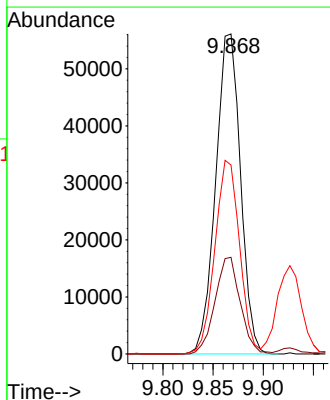
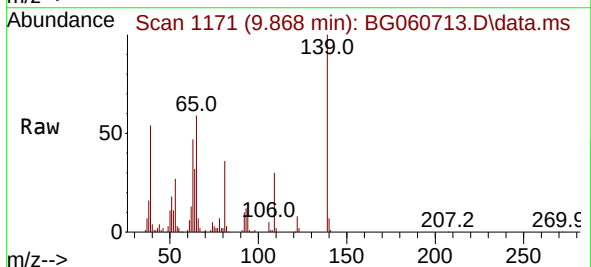
Manual Integrations
APPROVED

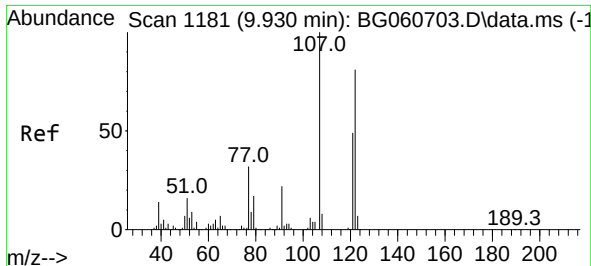
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#26
2-Nitrophenol
Concen: 45.481 ng
RT: 9.868 min Scan# 1171
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:139 Resp: 96659
Ion Ratio Lower Upper
139 100
109 30.2 23.9 35.9
65 59.1 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 41.134 ng

RT: 9.927 min Scan# 1181

Delta R.T. -0.003 min

Lab File: BG060713.D

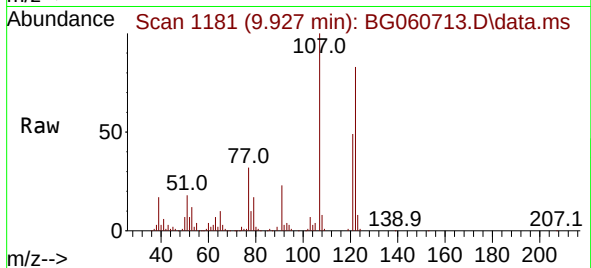
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



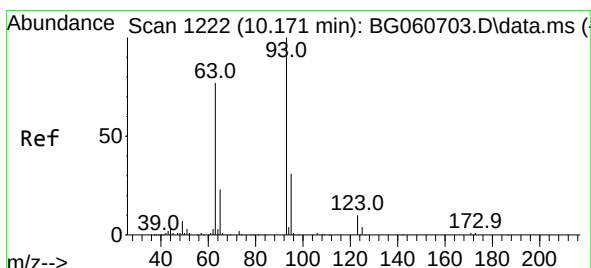
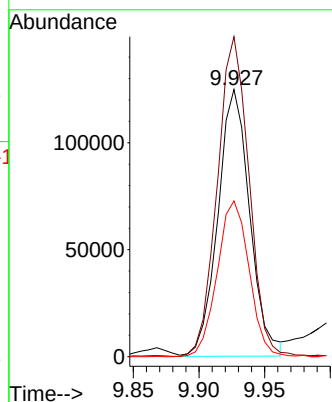
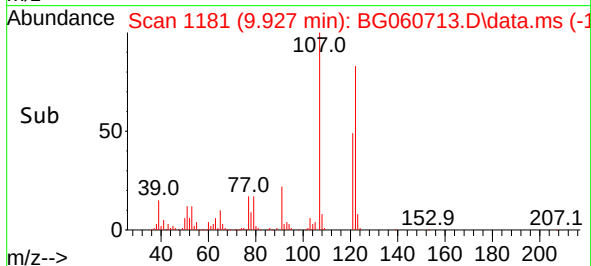
Tgt Ion:	122	Resp:	21003
Ion	Ratio	Lower	Upper
122	100		
107	119.8	98.6	147.8
121	58.3	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.635 ng

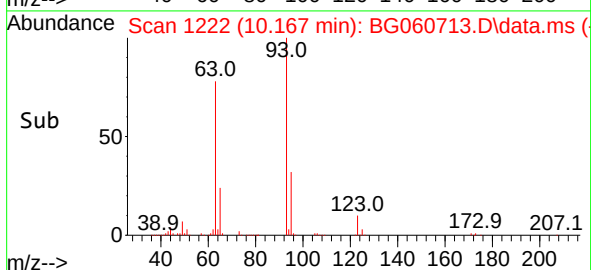
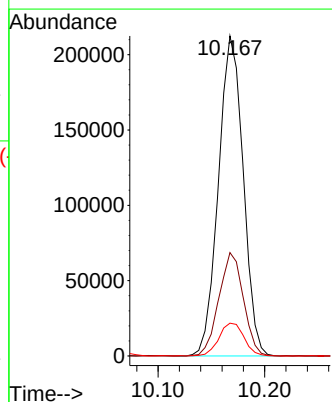
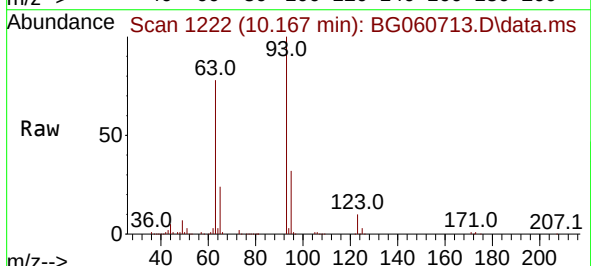
RT: 10.167 min Scan# 1222

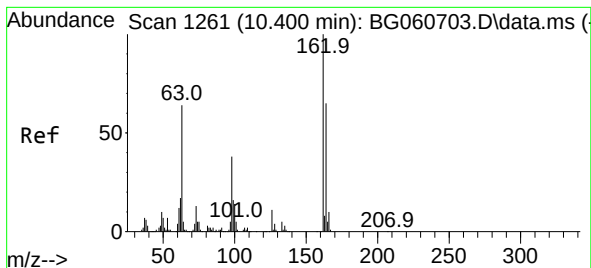
Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Tgt Ion:	93	Resp:	342463
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.1	37.7
123	10.3	8.0	12.0





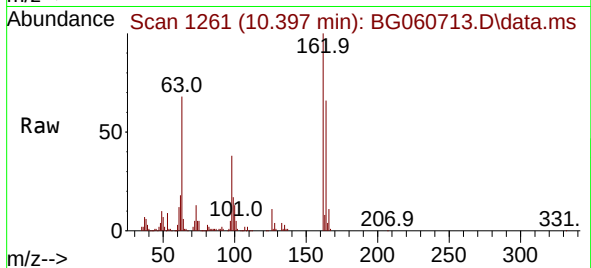
#29
2,4-Dichlorophenol
Concen: 52.850 ng
RT: 10.397 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

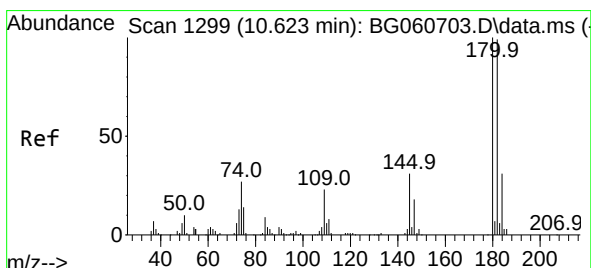
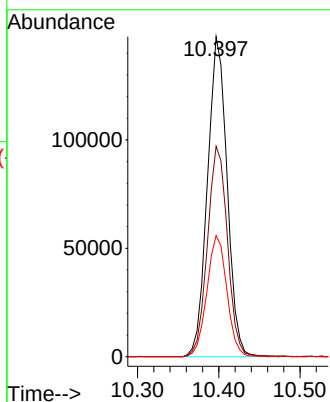
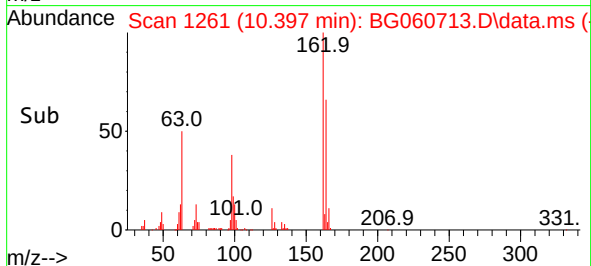


Tgt Ion:162 Resp: 24780
Ion Ratio Lower Upper
162 100
164 65.8 45.2 85.2
98 37.9 17.7 57.7

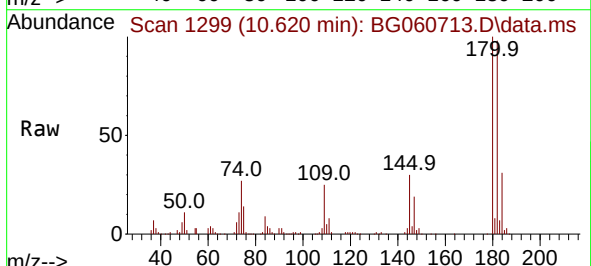
Manual Integrations

APPROVED

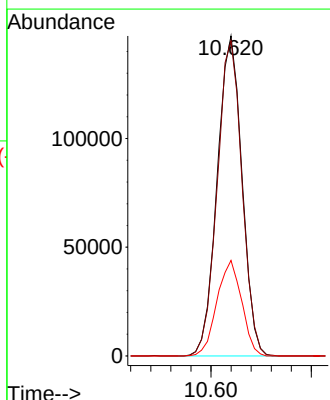
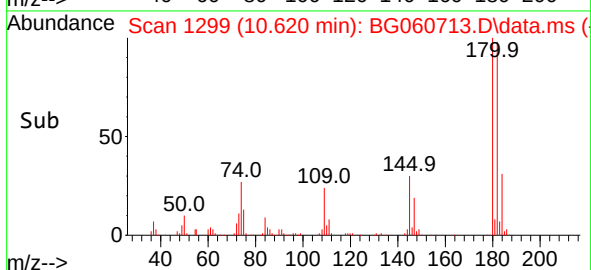
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

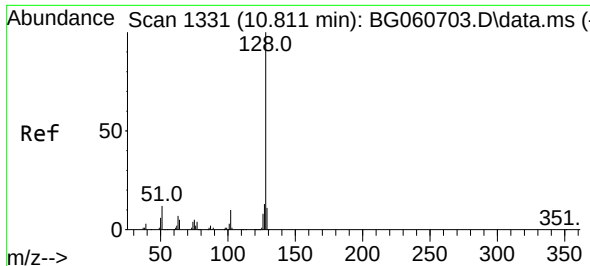


#30
1,2,4-Trichlorobenzene
Concen: 47.496 ng
RT: 10.620 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



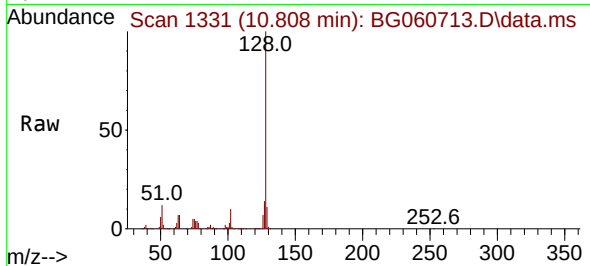
Tgt Ion:180 Resp: 252173
Ion Ratio Lower Upper
180 100
182 98.5 79.0 118.4
145 29.8 24.9 37.3





#31
Naphthalene
Concen: 45.474 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

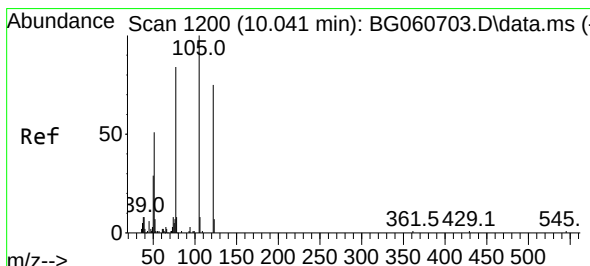
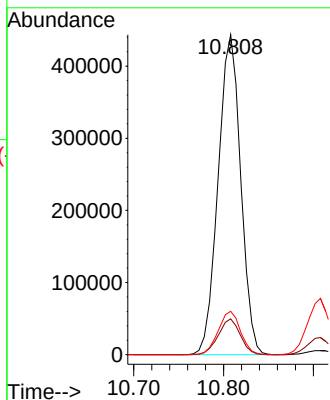
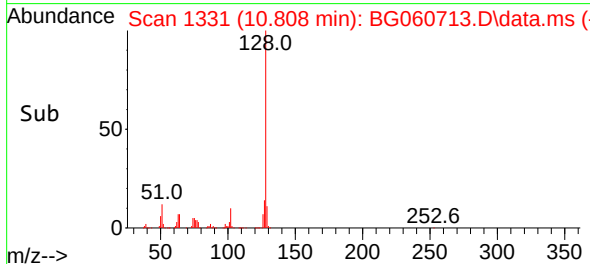
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion:128 Resp: 774635
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 10.5 15.7

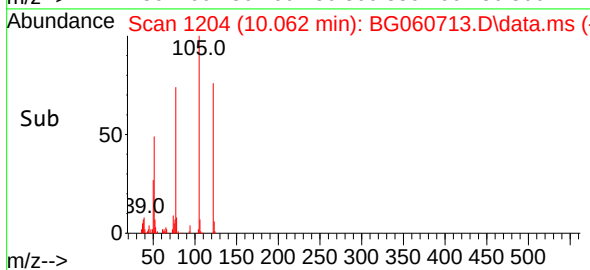
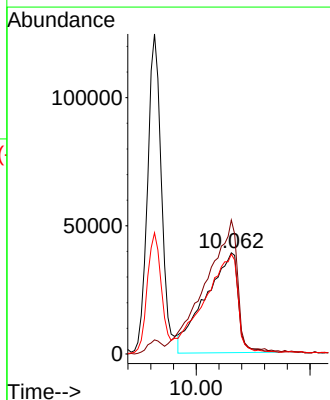
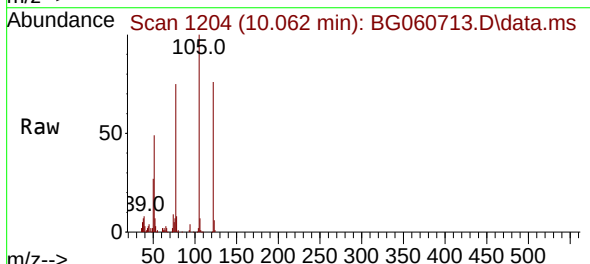
Manual Integrations
APPROVED

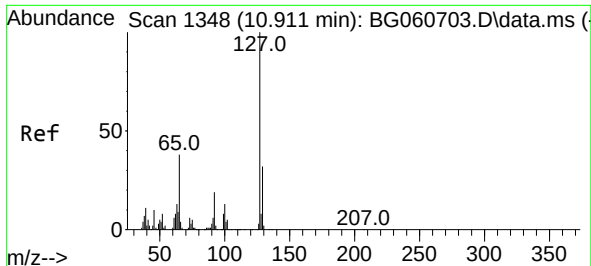
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#32
Benzoic acid
Concen: 46.148 ng
RT: 10.062 min Scan# 1204
Delta R.T. 0.021 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:122 Resp: 155729
Ion Ratio Lower Upper
122 100
105 132.3 104.5 144.5
77 98.6 85.3 125.3





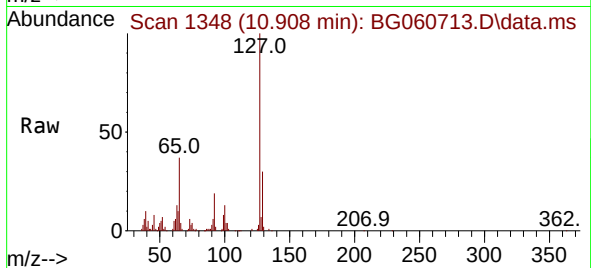
#33
4-Chloroaniline
Concen: 17.841 ng
RT: 10.908 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



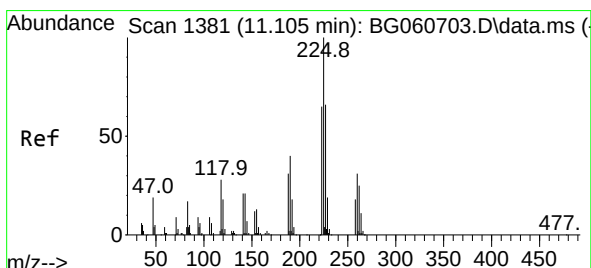
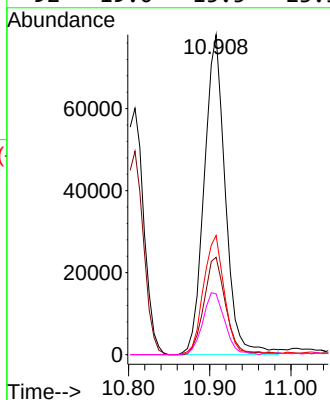
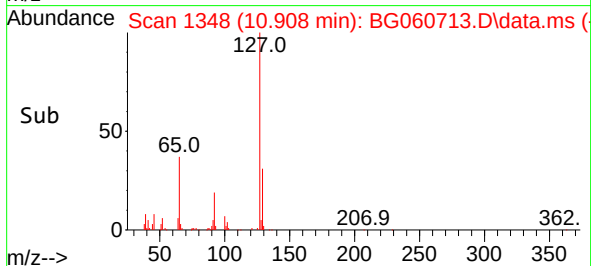
Tgt Ion:127 Resp: 14116
Ion Ratio Lower Upper
127 100
129 30.4 25.3 37.9
65 37.3 30.2 45.2
92 19.0 15.5 23.3

Manual Integrations

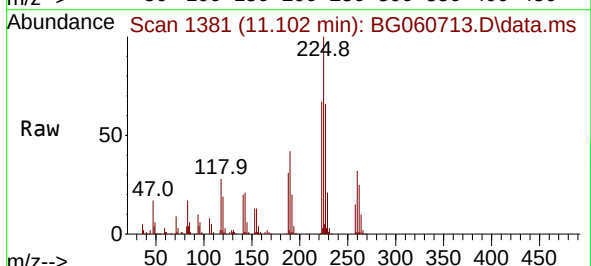
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

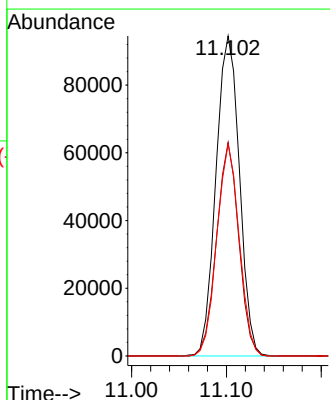
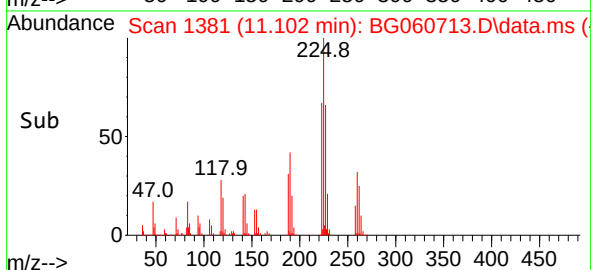
Supervised By :mohammad ahmed 04/02/2024

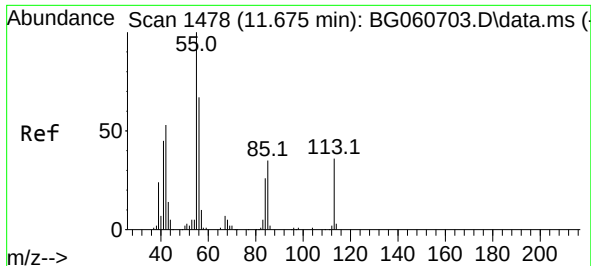


#34
Hexachlorobutadiene
Concen: 45.945 ng
RT: 11.102 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:225 Resp: 162576
Ion Ratio Lower Upper
225 100
223 66.7 52.0 78.0
227 66.3 52.5 78.7





#35
Caprolactam
Concen: 49.684 ng m
RT: 11.683 min Scan# 1478
Delta R.T. 0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

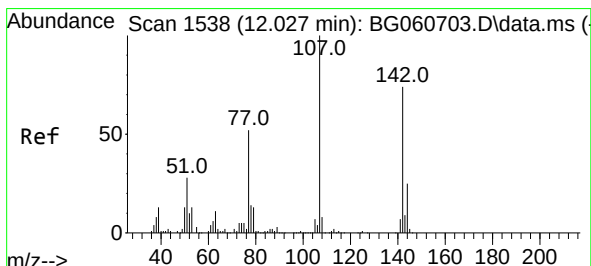
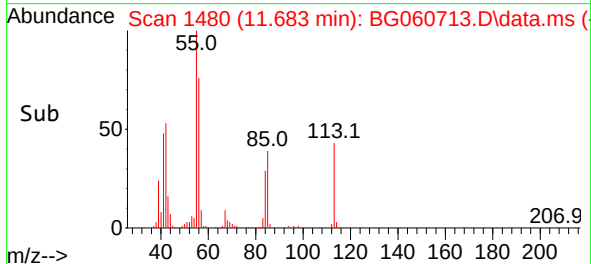
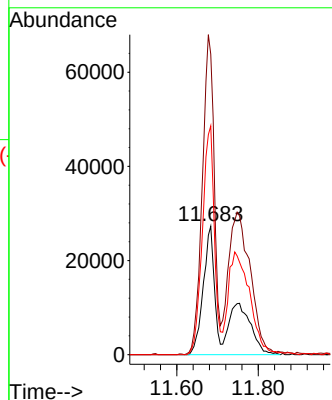
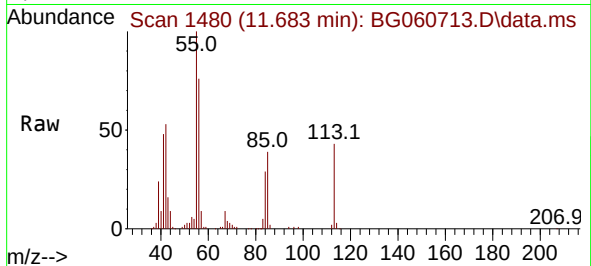
PB159867BS

Tgt Ion:113 Resp: 9226
Ion Ratio Lower Upper
113 100
55 233.9 258.0 298.0
56 178.2 166.3 206.3

Manual Integrations

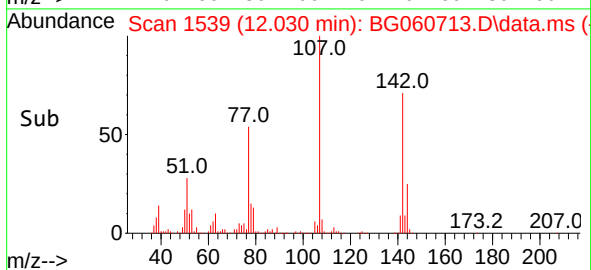
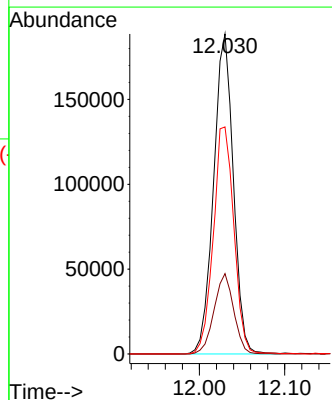
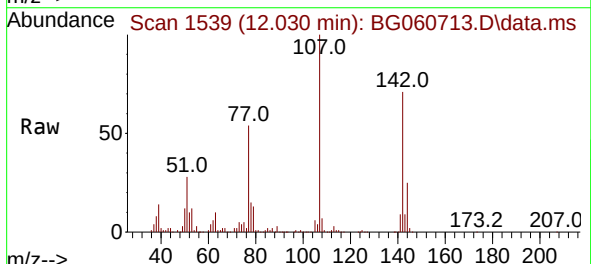
APPROVED

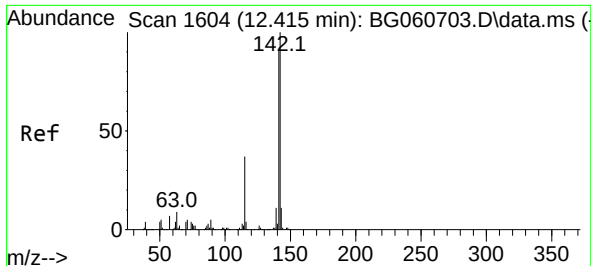
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#36
4-Chloro-3-methylphenol
Concen: 50.763 ng
RT: 12.030 min Scan# 1539
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:107 Resp: 304058
Ion Ratio Lower Upper
107 100
144 25.1 20.0 30.0
142 71.0 59.2 88.8





#37
2-Methylnaphthalene
Concen: 43.357 ng
RT: 12.418 min Scan# 1605
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

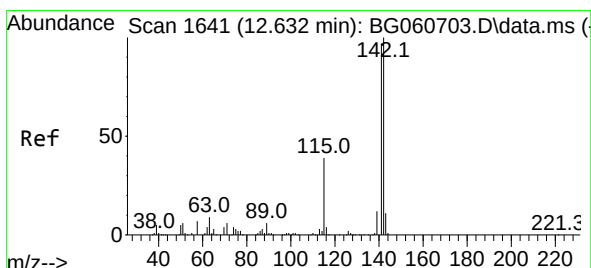
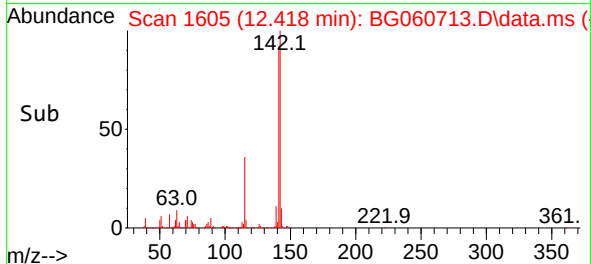
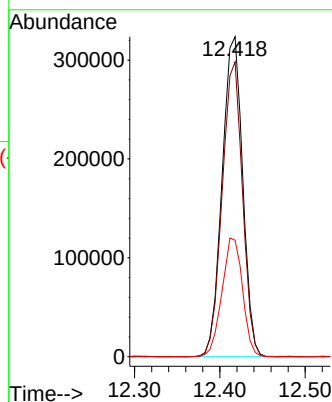
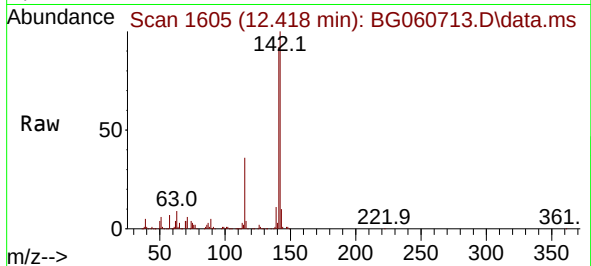
PB159867BS

Tgt Ion:142 Resp: 542998
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1
115 36.4 29.9 44.9

Manual Integrations

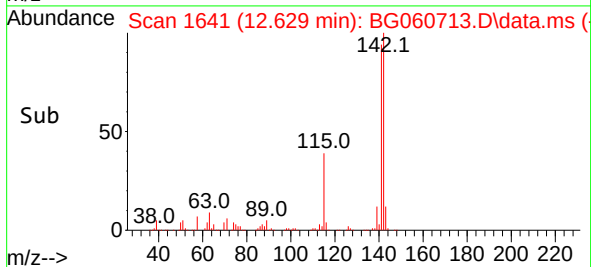
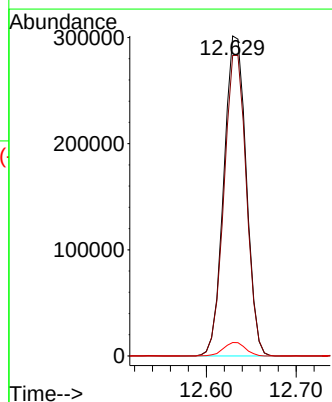
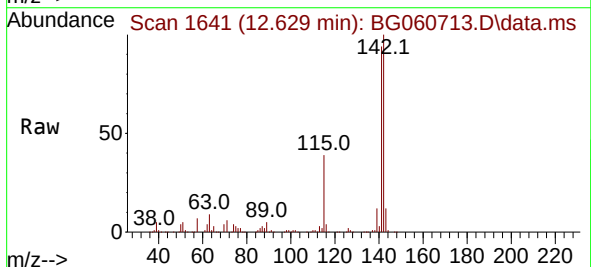
APPROVED

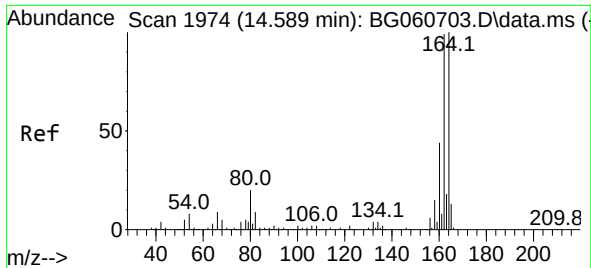
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#38
1-Methylnaphthalene
Concen: 44.036 ng
RT: 12.629 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:142 Resp: 520998
Ion Ratio Lower Upper
142 100
141 93.9 77.7 116.5
116 4.2 3.4 5.2





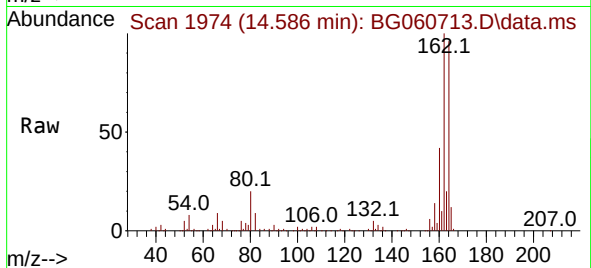
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

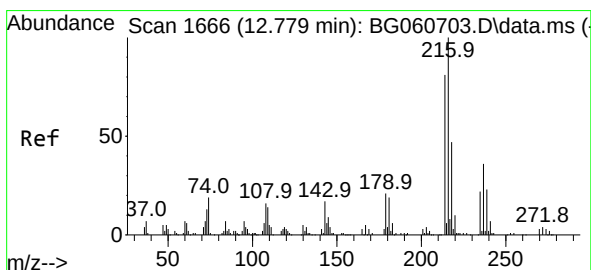
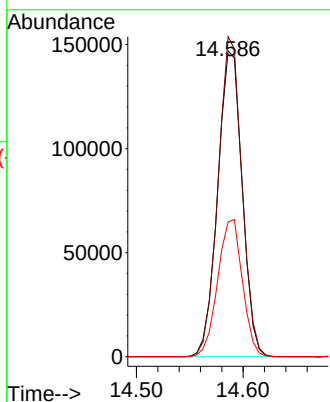
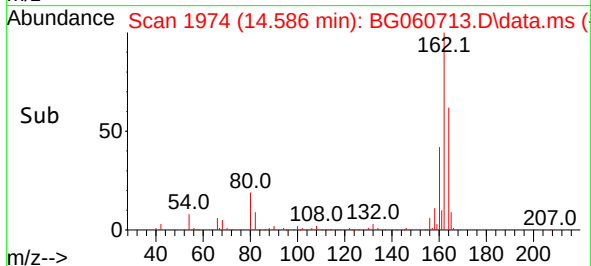
PB159867BS



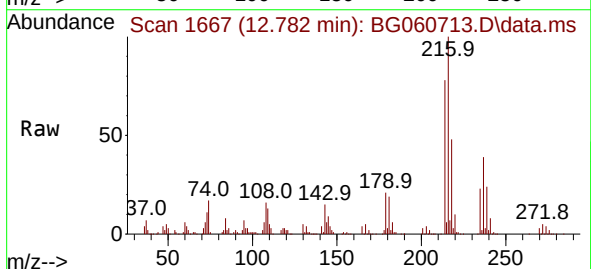
Tgt Ion:164 Resp: 23386
Ion Ratio Lower Upper
164 100
162 104.6 79.5 119.3
160 44.1 35.4 53.0

Manual Integrations
APPROVED

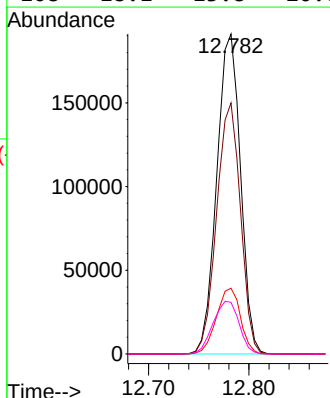
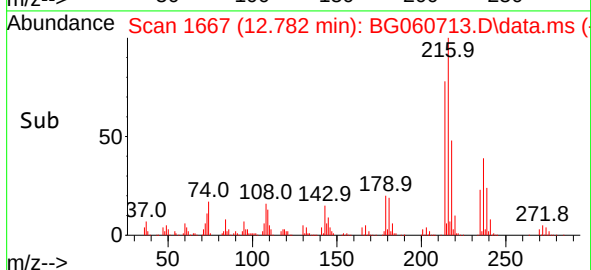
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

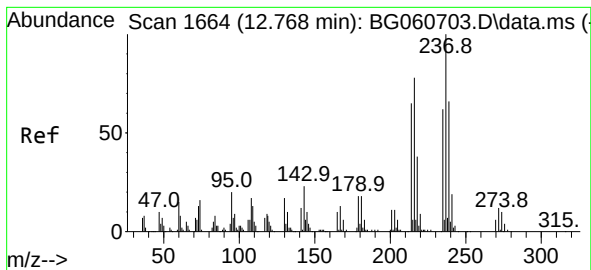


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.672 ng
RT: 12.782 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:216 Resp: 313786
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.8 16.7 25.1
108 18.1 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 86.662 ng

RT: 12.770 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

Tgt Ion:237 Resp: 29626

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

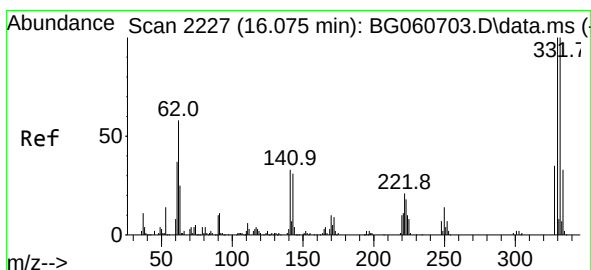
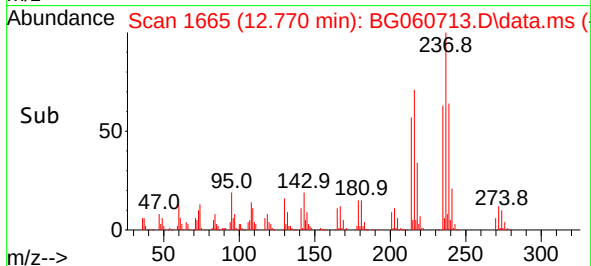
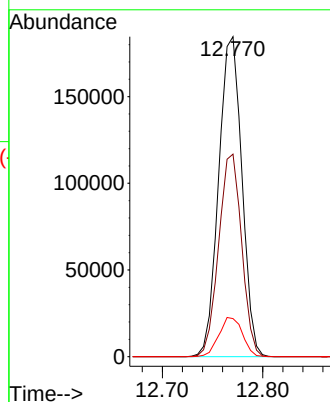
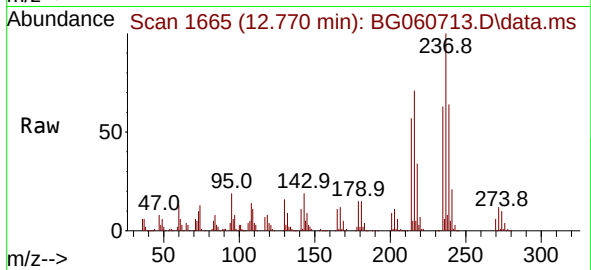
272 11.9 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#42

2,4,6-Tribromophenol

Concen: 152.593 ng

RT: 16.078 min Scan# 2228

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

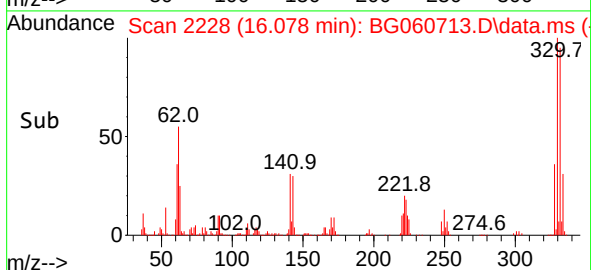
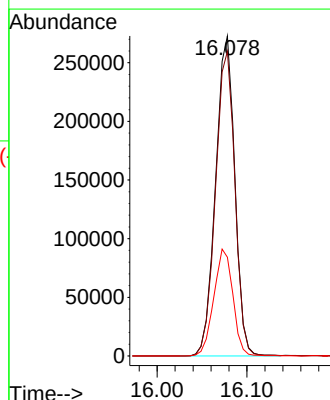
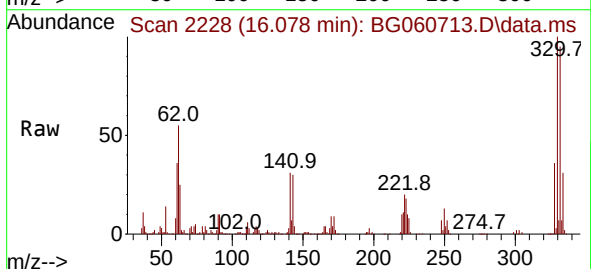
Tgt Ion:330 Resp: 405089

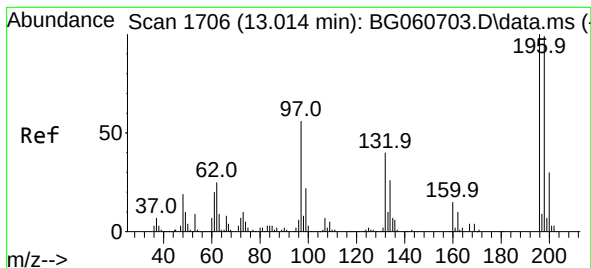
Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 33.3 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 51.523 ng

RT: 13.017 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

Tgt Ion:196 Resp: 223050

Ion Ratio Lower Upper

196 100

198 94.6 79.1 118.7

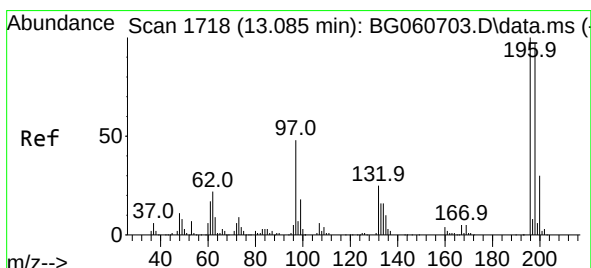
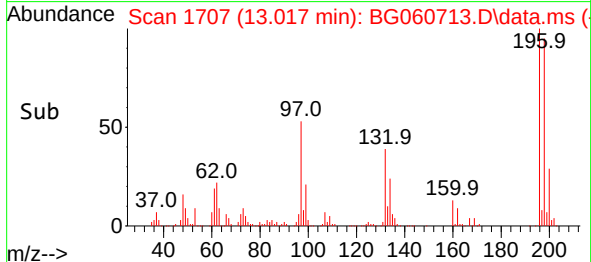
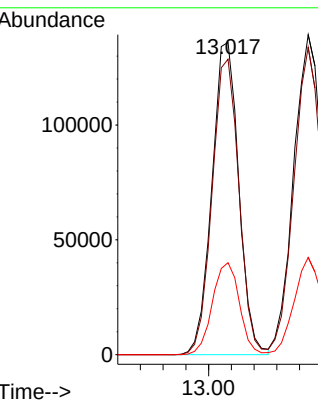
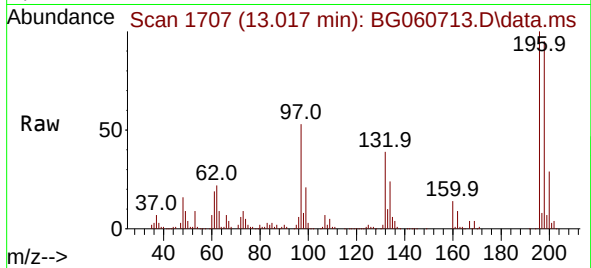
200 29.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#44

2,4,5-Trichlorophenol

Concen: 48.114 ng

RT: 13.088 min Scan# 1719

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Tgt Ion:196 Resp: 248575

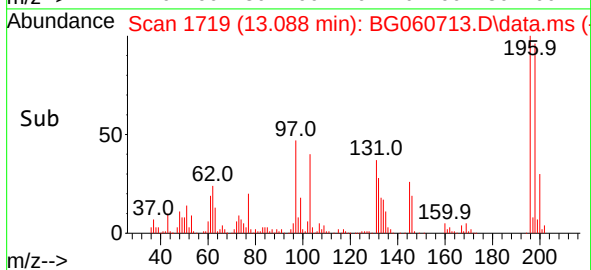
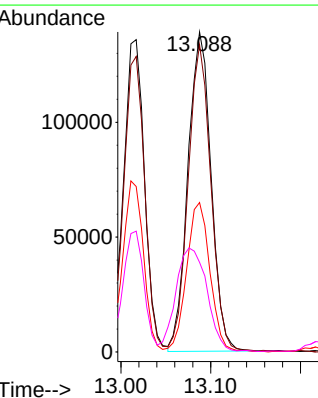
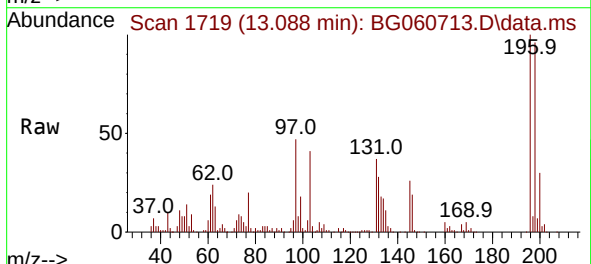
Ion Ratio Lower Upper

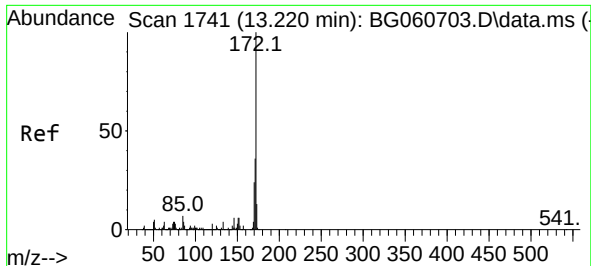
196 100

198 96.0 77.8 116.8

97 46.7 38.2 57.4

132 28.0 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 87.344 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

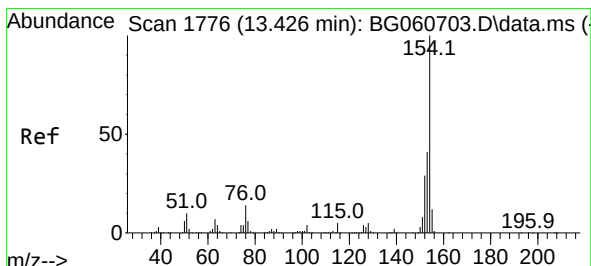
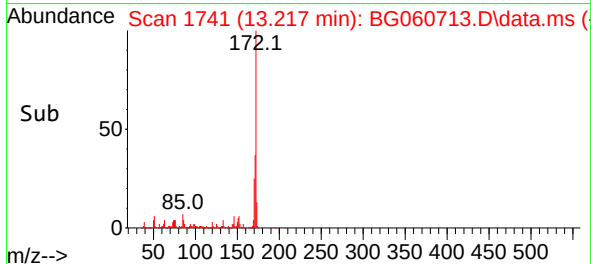
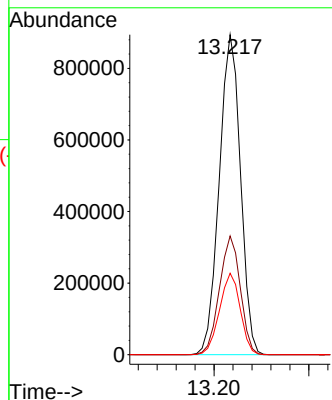
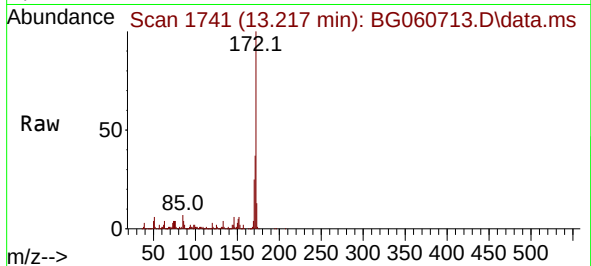
Tgt Ion:172 Resp: 139179
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 25.4 19.4 29.0

Manual Integrations

APPROVED

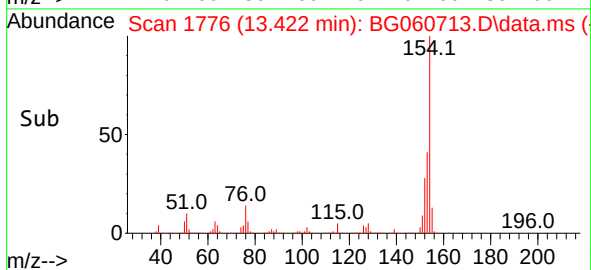
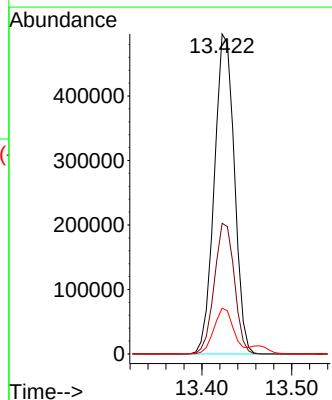
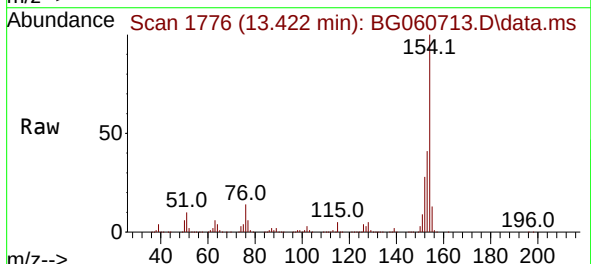
Reviewed By :Yogesh Patel 04/02/2024

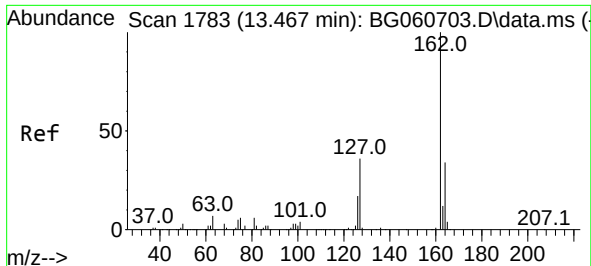
Supervised By :mohammad ahmed 04/02/2024



#46
1,1'-Biphenyl
Concen: 46.538 ng
RT: 13.422 min Scan# 1776
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:154 Resp: 768738
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 14.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 47.978 ng

RT: 13.464 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

Tgt Ion:162 Resp: 602129

Ion Ratio Lower Upper

162 100

127 40.4 30.6 46.0

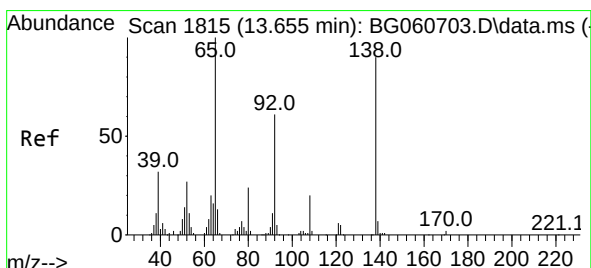
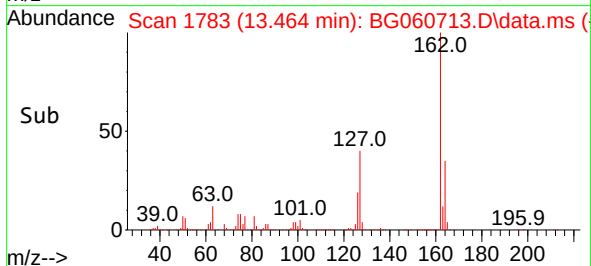
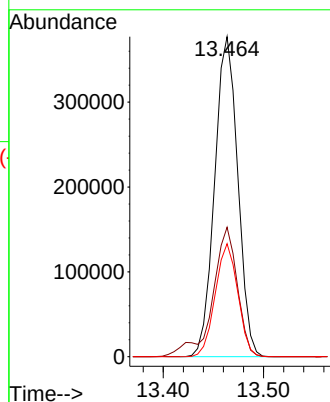
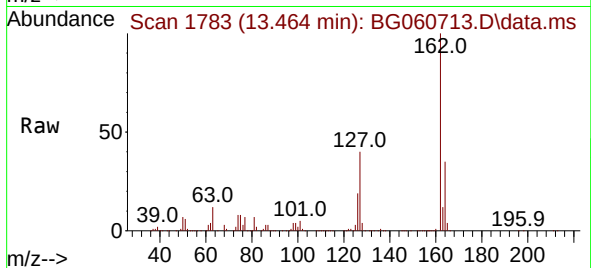
164 35.3 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#48

2-Nitroaniline

Concen: 50.003 ng

RT: 13.658 min Scan# 1816

Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

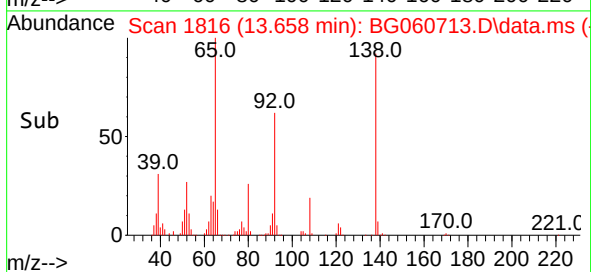
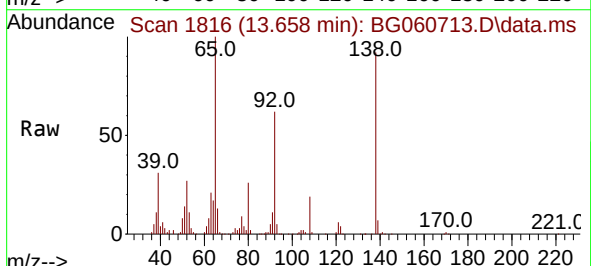
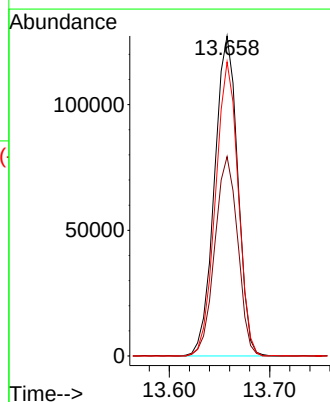
Tgt Ion: 65 Resp: 204950

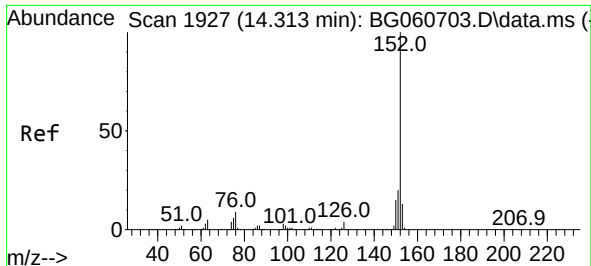
Ion Ratio Lower Upper

65 100

92 62.3 48.6 72.8

138 91.9 72.2 108.4





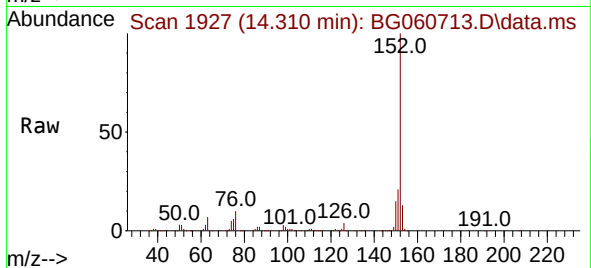
#49
Acenaphthylene
Concen: 49.348 ng
RT: 14.310 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



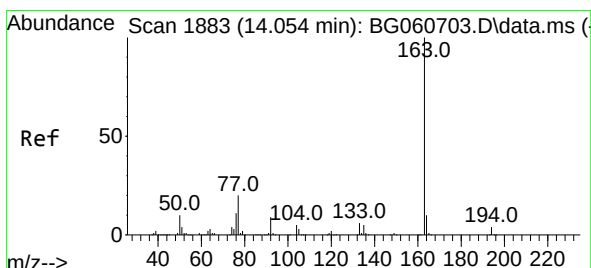
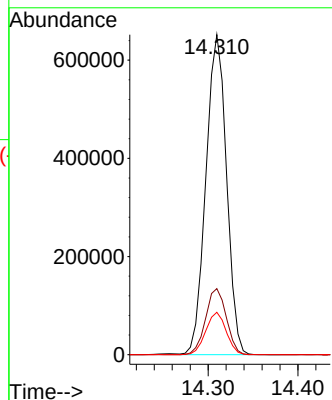
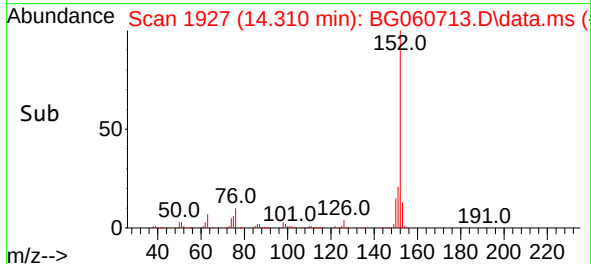
Tgt Ion:152 Resp: 1040628
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.3 10.5 15.7

Manual Integrations

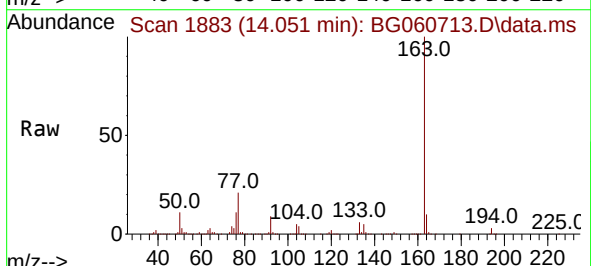
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

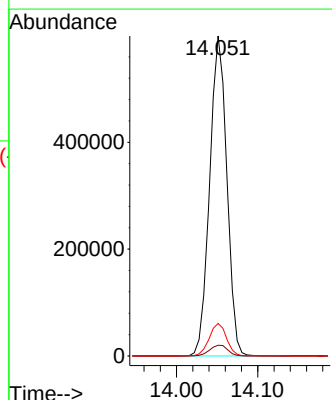
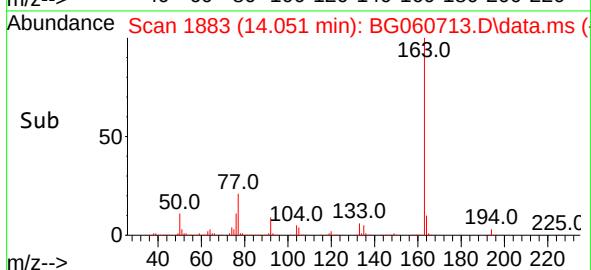
Supervised By :mohammad ahmed 04/02/2024

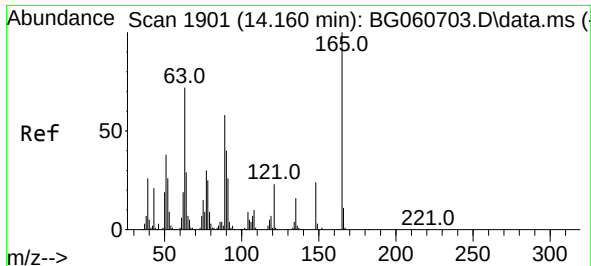


#50
Dimethylphthalate
Concen: 47.452 ng
RT: 14.051 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:163 Resp: 877129
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.630 ng
RT: 14.157 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

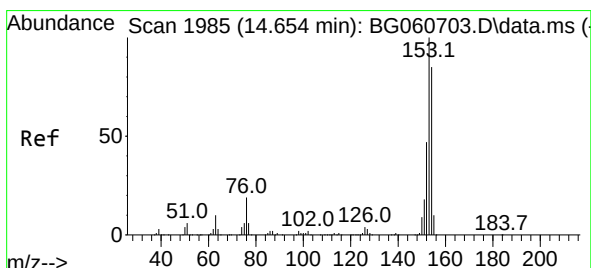
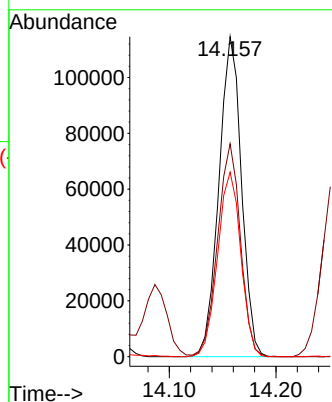
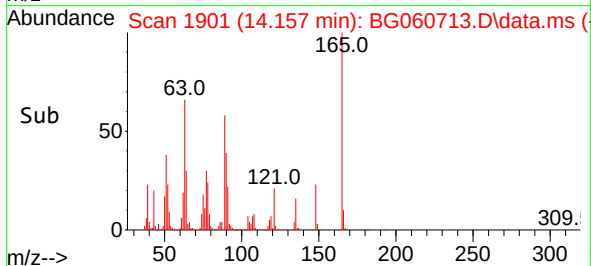
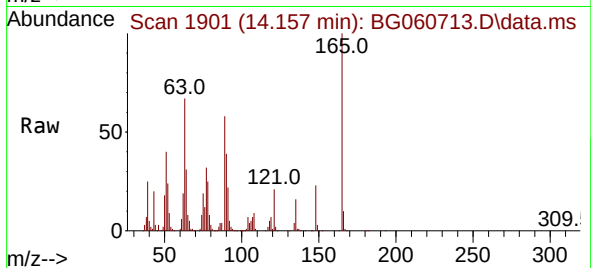
PB159867BS

Tgt Ion:165 Resp: 16824
Ion Ratio Lower Upper
165 100
63 66.5 58.2 87.4
89 57.6 46.1 69.1

Manual Integrations

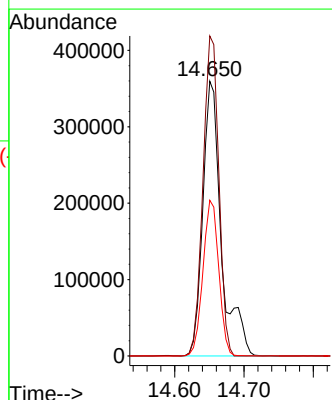
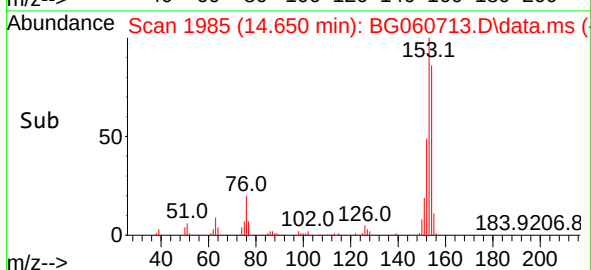
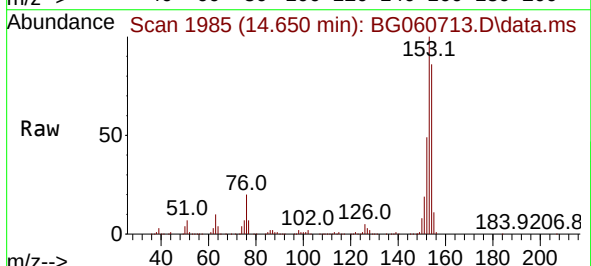
APPROVED

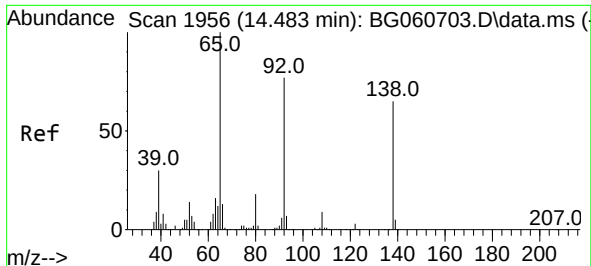
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#52
Acenaphthene
Concen: 50.564 ng m
RT: 14.650 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:154 Resp: 669476
Ion Ratio Lower Upper
154 100
153 116.5 93.9 140.9
152 56.7 44.1 66.1





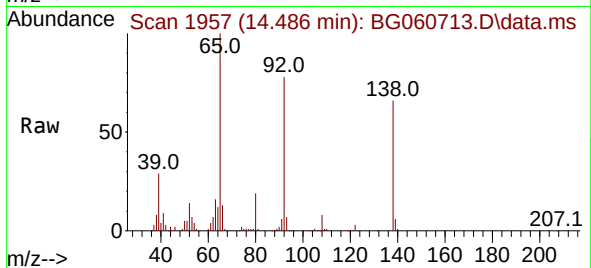
#53
3-Nitroaniline
Concen: 32.843 ng
RT: 14.486 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



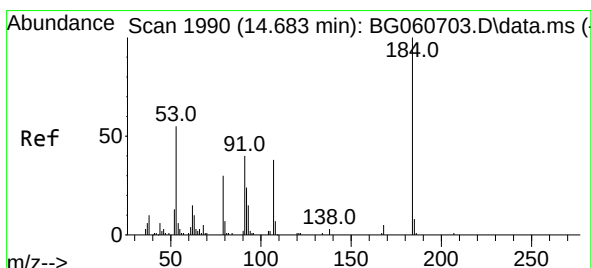
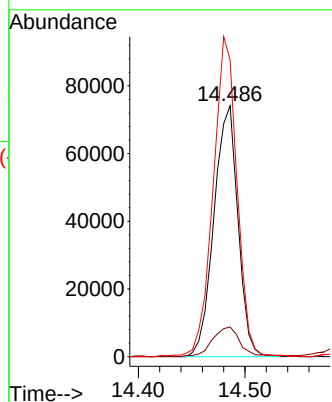
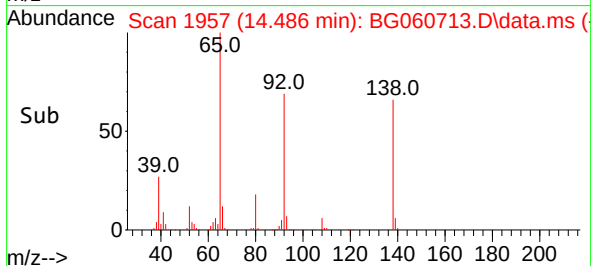
Tgt Ion:138 Resp: 11576
Ion Ratio Lower Upper
138 100
108 11.9 11.3 16.9
92 118.2 94.1 141.1

Manual Integrations

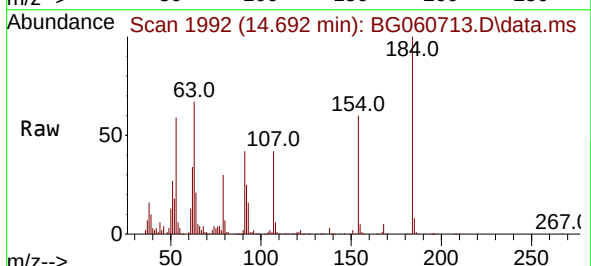
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

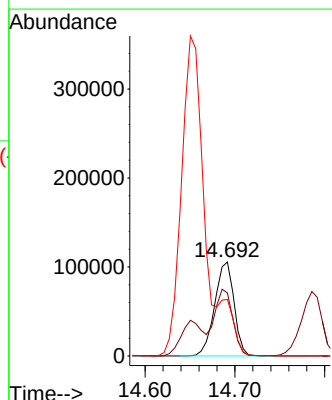
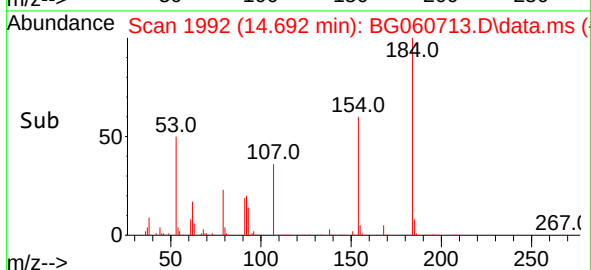
Supervised By :mohammad ahmed 04/02/2024

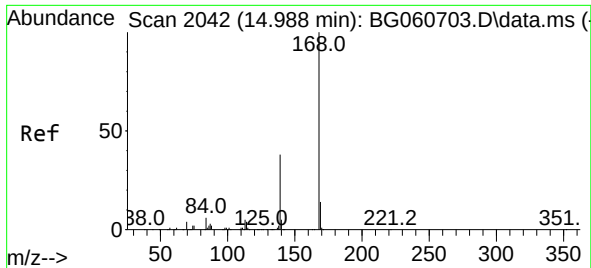


#54
2,4-Dinitrophenol
Concen: 122.778 ng
RT: 14.692 min Scan# 1992
Delta R.T. 0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



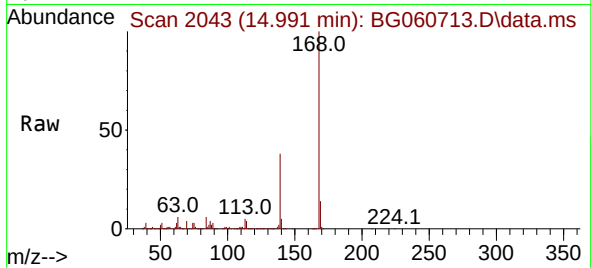
Tgt Ion:184 Resp: 157971
Ion Ratio Lower Upper
184 100
63 67.2 51.3 76.9
154 60.1 59.9 89.9





#55
Dibenzofuran
Concen: 46.753 ng
RT: 14.991 min Scan# 2042
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

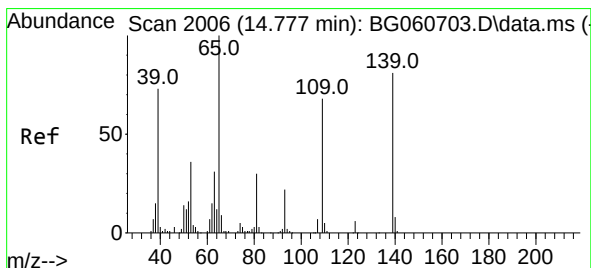
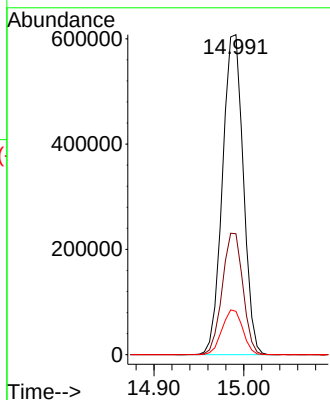
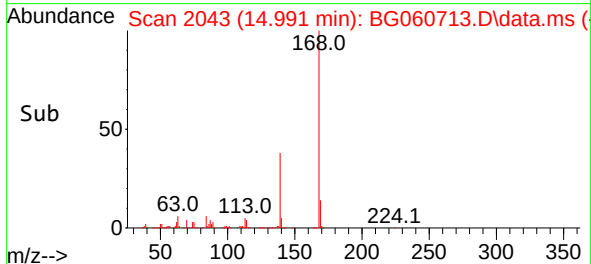
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion:168 Resp: 976390
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.6 11.0 16.4

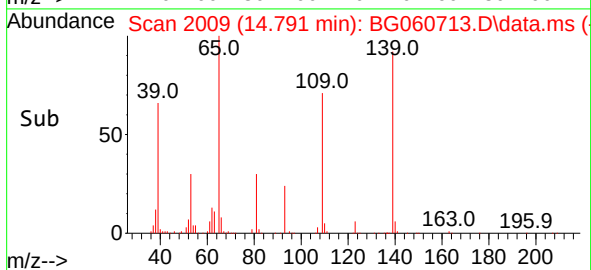
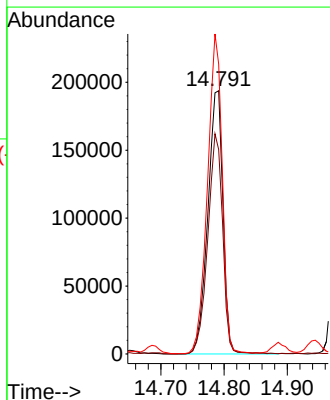
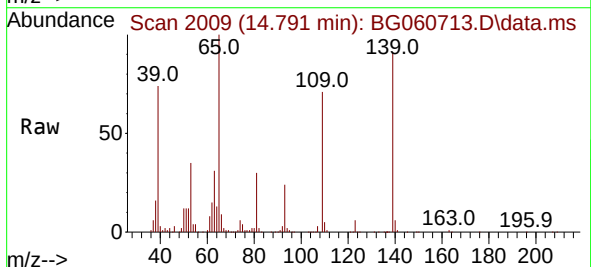
Manual Integrations
APPROVED

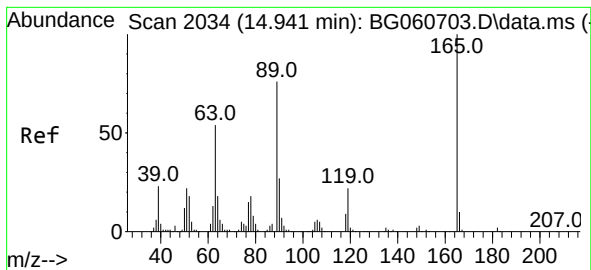
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#56
4-Nitrophenol
Concen: 119.917 ng
RT: 14.791 min Scan# 2009
Delta R.T. 0.014 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:139 Resp: 324046
Ion Ratio Lower Upper
139 100
109 77.6 64.0 104.0
65 110.1 104.3 144.3





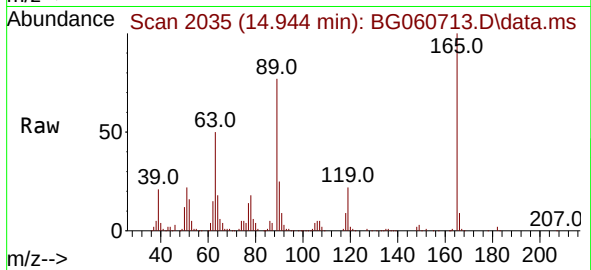
#57
2,4-Dinitrotoluene
Concen: 53.309 ng
RT: 14.944 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

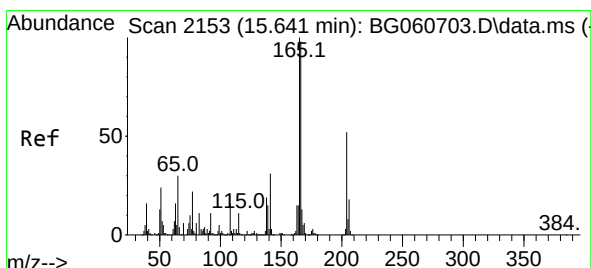
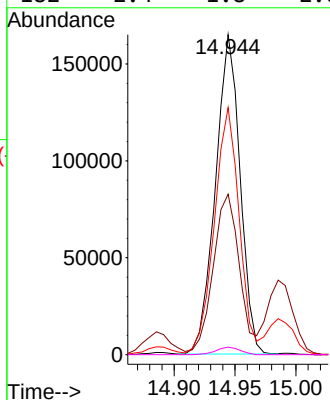
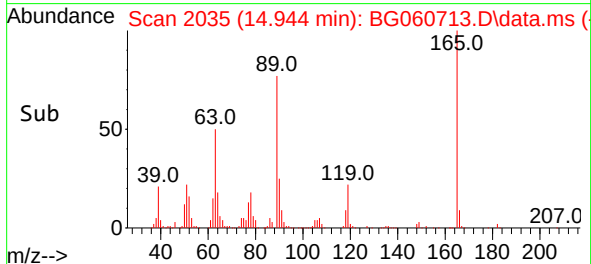


Tgt Ion:165 Resp: 232369
Ion Ratio Lower Upper
165 100
63 50.2 43.4 65.0
89 77.2 61.0 91.6
182 2.4 1.8 2.6

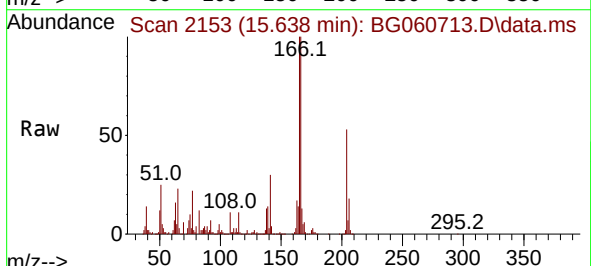
Manual Integrations

APPROVED

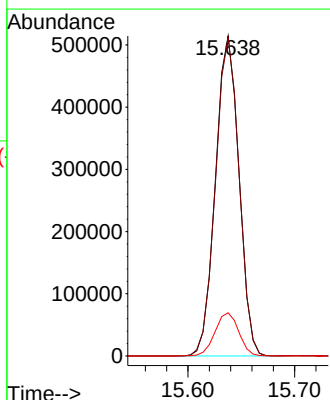
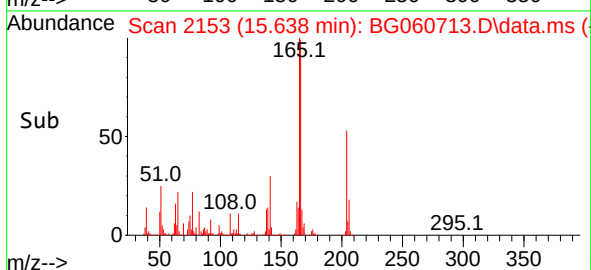
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

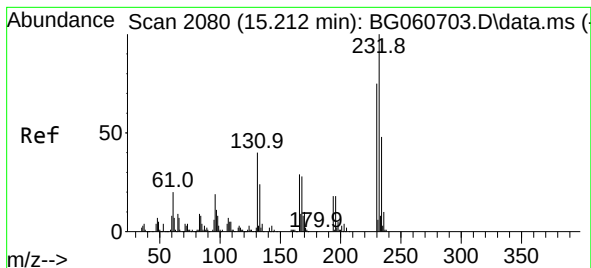


#58
Fluorene
Concen: 46.859 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:166 Resp: 785406
Ion Ratio Lower Upper
166 100
165 99.5 81.8 122.8
167 13.5 10.9 16.3





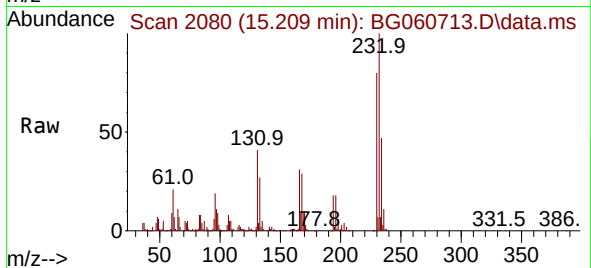
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.830 ng
RT: 15.209 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



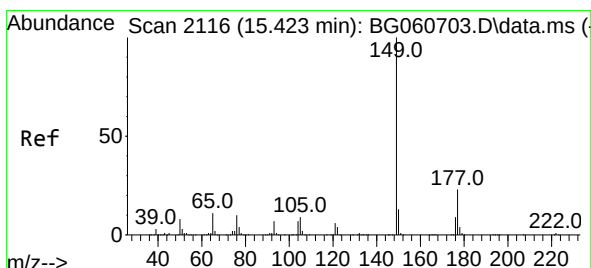
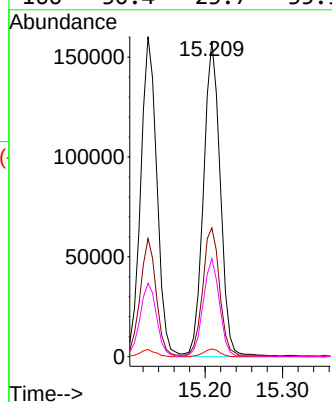
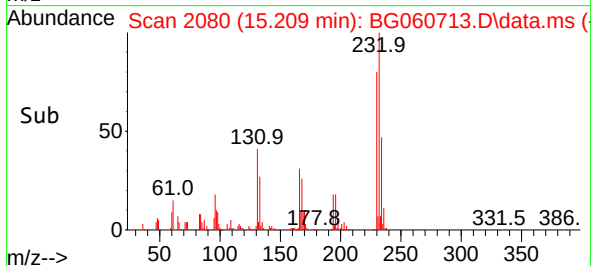
Tgt Ion:232 Resp: 237861
Ion Ratio Lower Upper
232 100
131 41.3 32.2 48.2
130 2.4 2.1 3.1
166 30.4 23.7 35.5

Manual Integrations

APPROVED

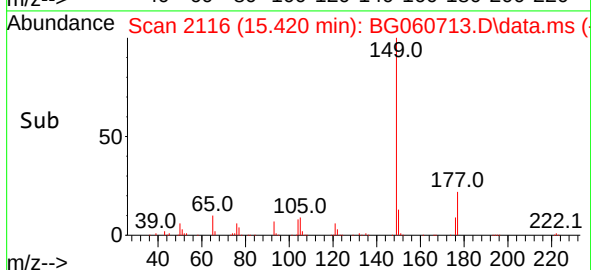
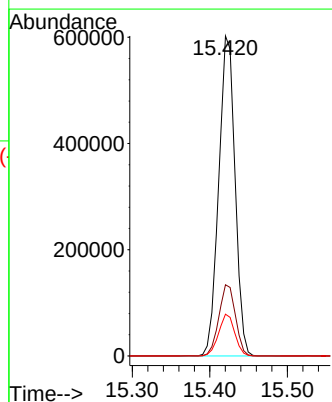
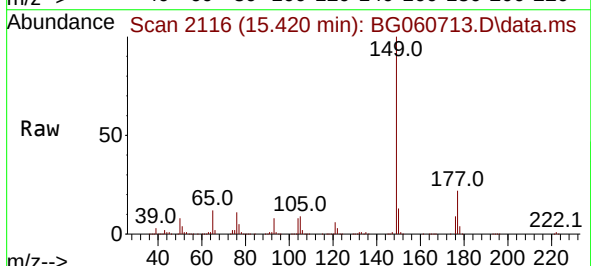
Reviewed By :Yogesh Patel 04/02/2024

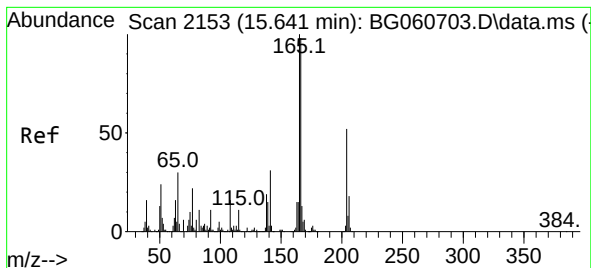
Supervised By :mohammad ahmed 04/02/2024



#60
Diethylphthalate
Concen: 47.447 ng
RT: 15.420 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

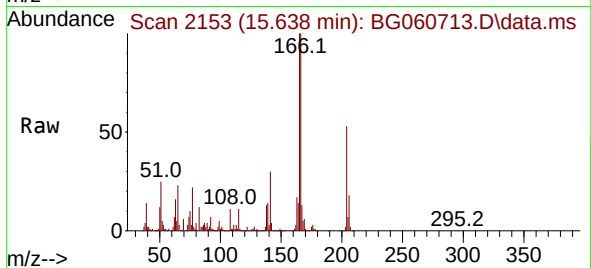
Tgt Ion:149 Resp: 882371
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.751 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

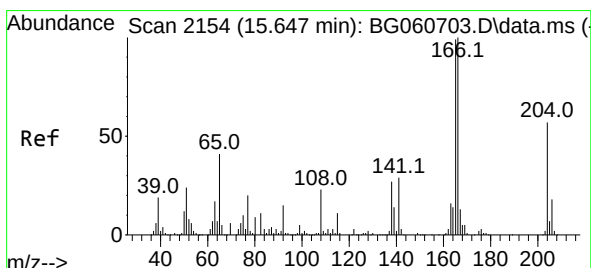
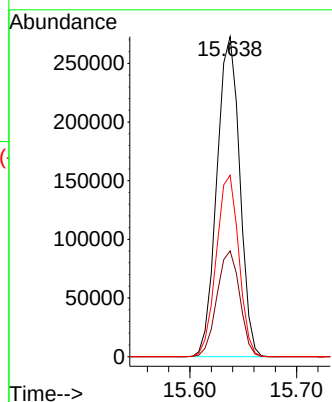
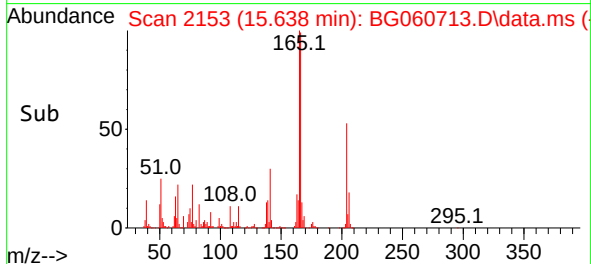
Instrument :
BNA_G
ClientSampleId :
PB159867BS



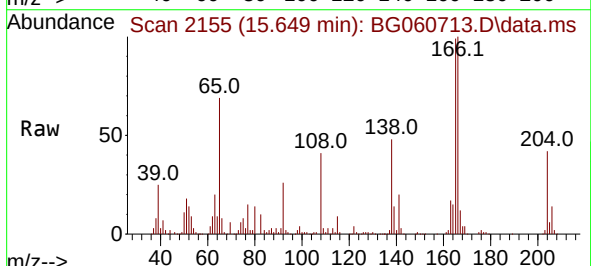
Tgt Ion:204 Resp: 405689
Ion Ratio Lower Upper
204 100
206 33.0 28.3 42.5
141 56.7 47.2 70.8

Manual Integrations
APPROVED

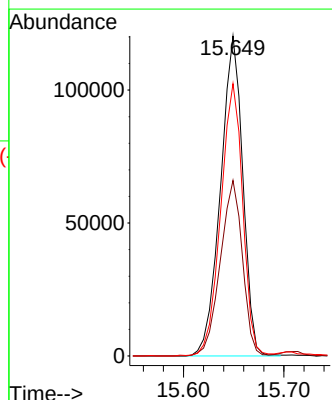
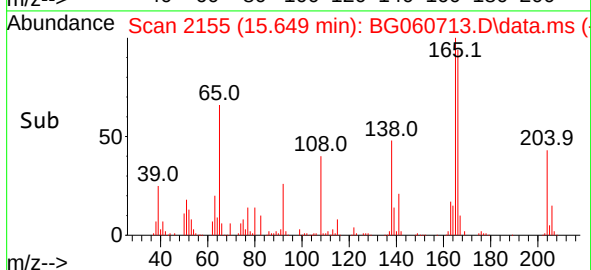
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

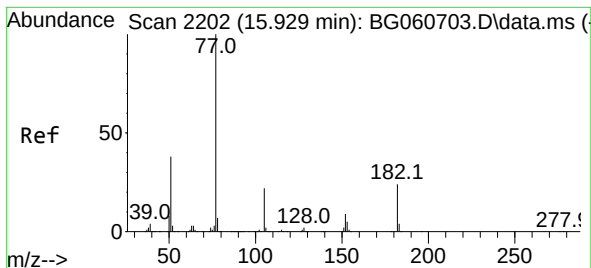


#62
4-Nitroaniline
Concen: 54.798 ng
RT: 15.649 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:138 Resp: 185193
Ion Ratio Lower Upper
138 100
92 54.9 36.8 76.8
108 85.1 66.9 106.9





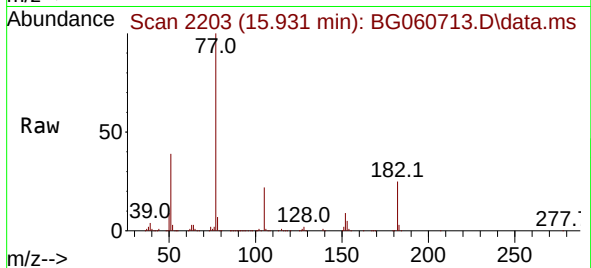
#63
Azobenzene
Concen: 47.300 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

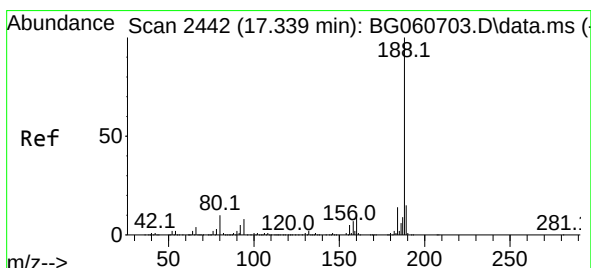
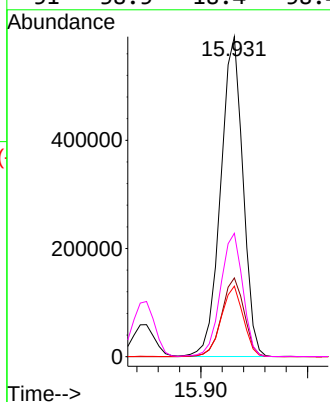
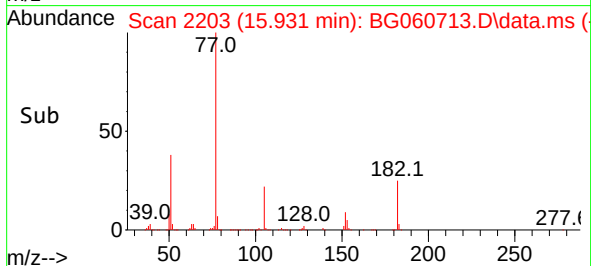


Tgt Ion: 77 Resp: 857150
Ion Ratio Lower Upper
77 100
182 24.6 3.9 43.9
105 22.1 1.7 41.7
51 38.5 18.4 58.4

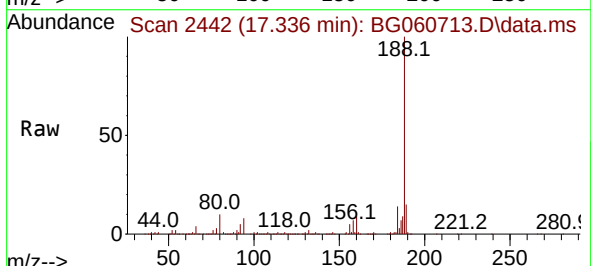
Manual Integrations

APPROVED

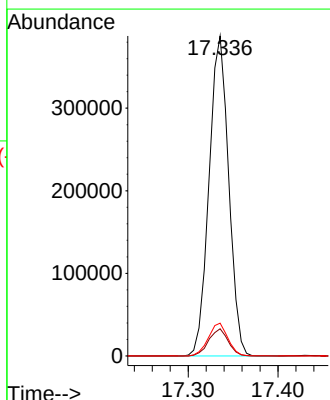
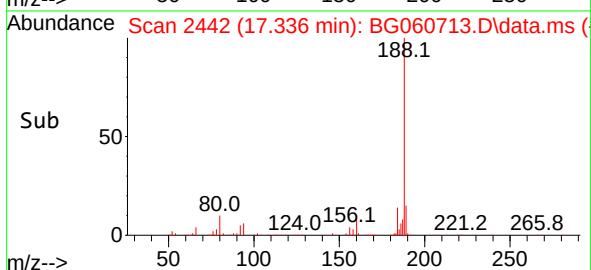
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

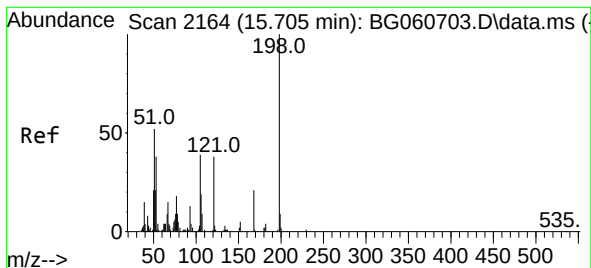


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



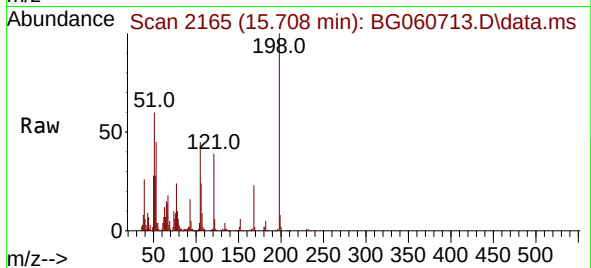
Tgt Ion:188 Resp: 587310
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 10.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.109 ng
RT: 15.708 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

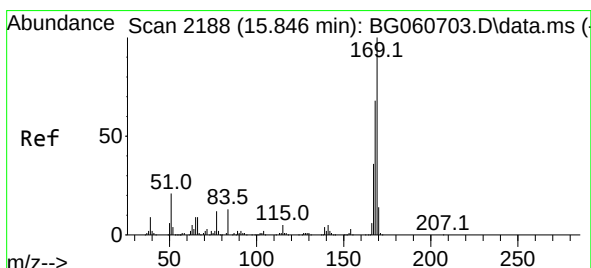
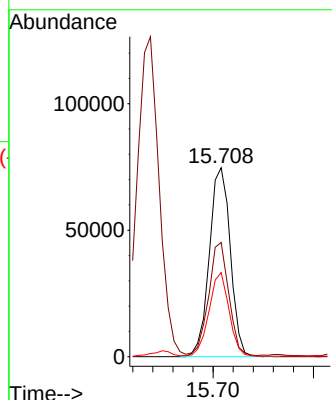
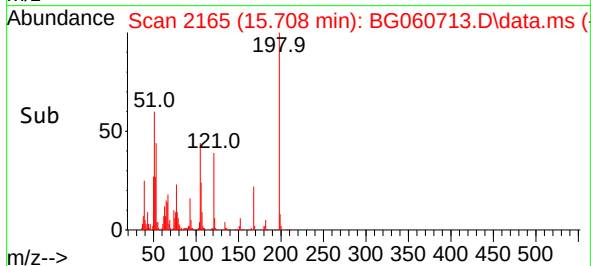
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion:198 Resp: 10813
Ion Ratio Lower Upper
198 100
51 60.5 36.7 76.7
105 44.5 19.1 59.1

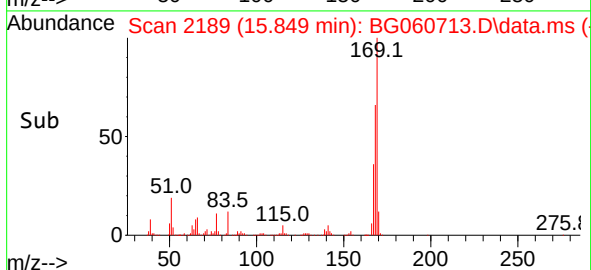
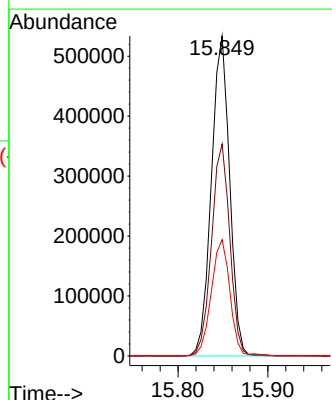
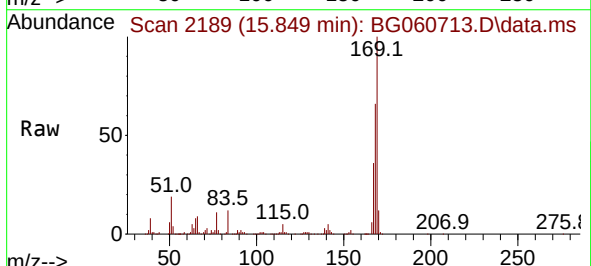
Manual Integrations
APPROVED

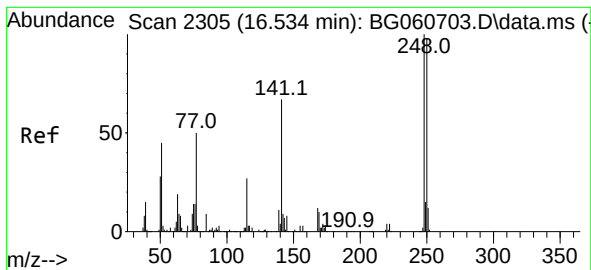
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#66
n-Nitrosodiphenylamine
Concen: 44.841 ng
RT: 15.849 min Scan# 2189
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

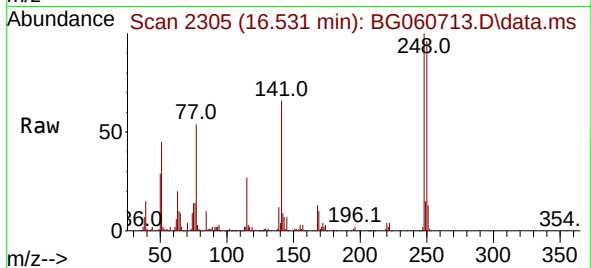
Tgt Ion:169 Resp: 752580
Ion Ratio Lower Upper
169 100
168 66.2 54.5 81.7
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.893 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

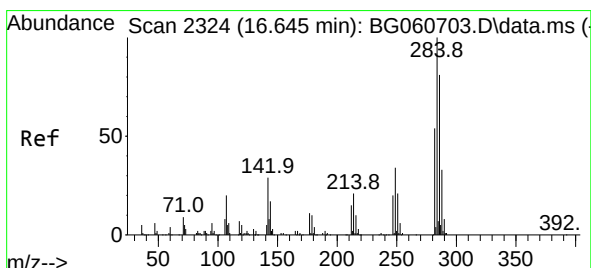
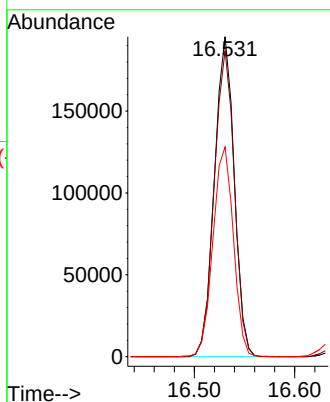
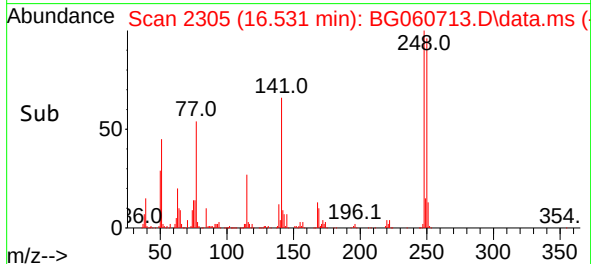
Instrument :
BNA_G
ClientSampleId :
PB159867BS



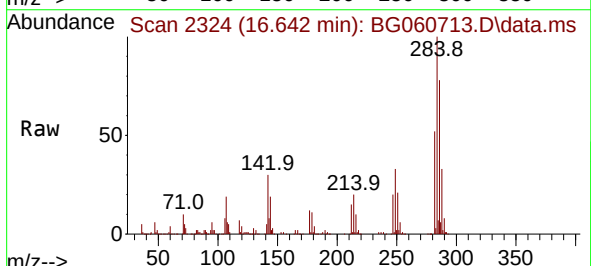
Tgt Ion:248 Resp: 267580
Ion Ratio Lower Upper
248 100
250 95.6 78.3 117.5
141 65.5 53.7 80.5

Manual Integrations
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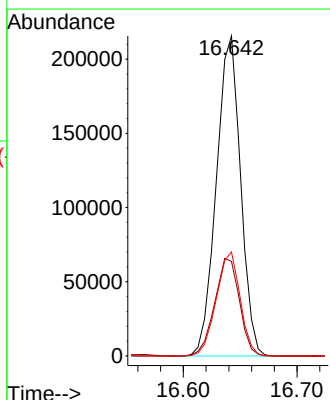
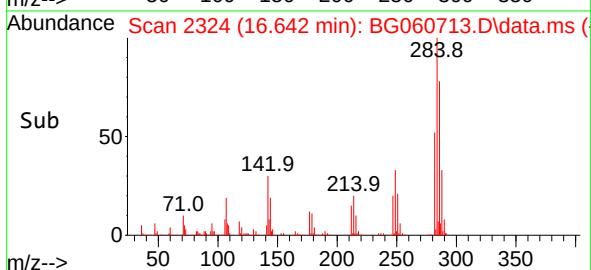
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

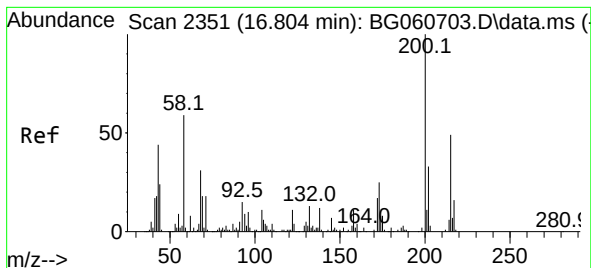


#68
Hexachlorobenzene
Concen: 47.422 ng
RT: 16.642 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:284 Resp: 319085
Ion Ratio Lower Upper
284 100
142 29.6 22.9 34.3
249 32.5 27.1 40.7





#69

Atrazine

Concen: 38.125 ng

RT: 16.801 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060713.D

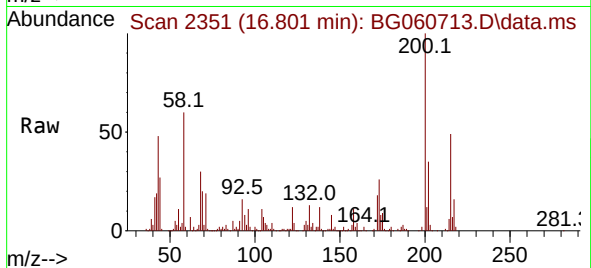
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



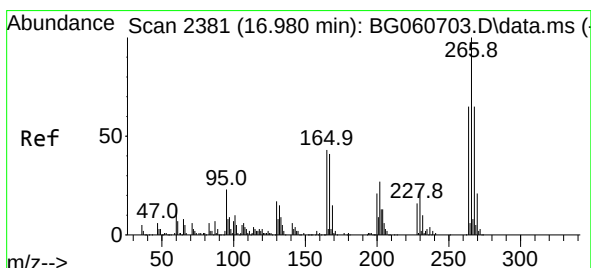
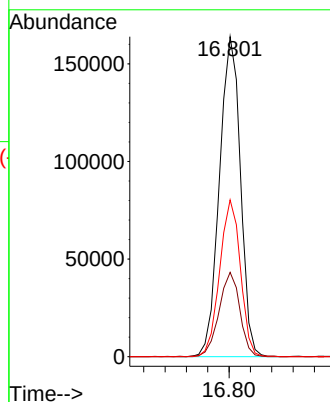
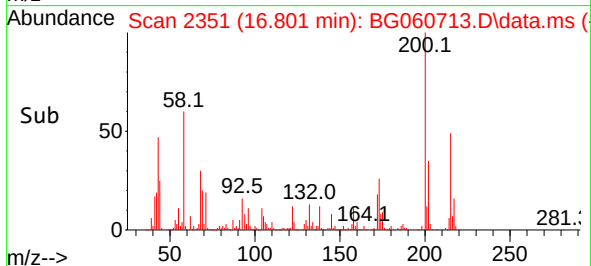
Tgt Ion:	200	Resp:	223758
Ion Ratio	Lower	Upper	
200	100		
173	26.3	5.2	45.2
215	49.0	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#70

Pentachlorophenol

Concen: 95.607 ng

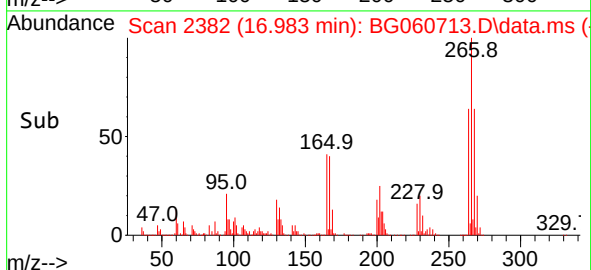
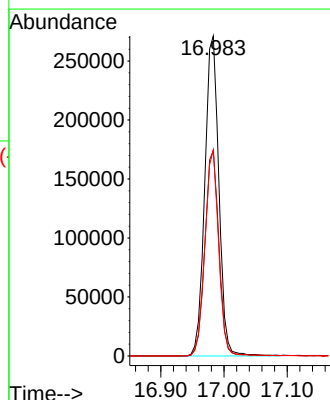
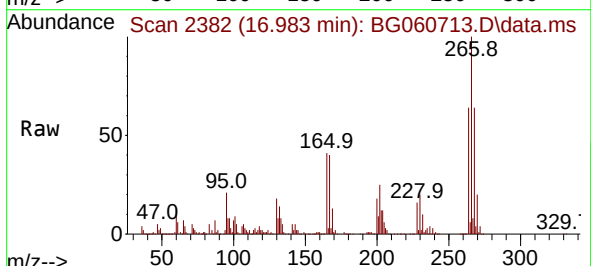
RT: 16.983 min Scan# 2382

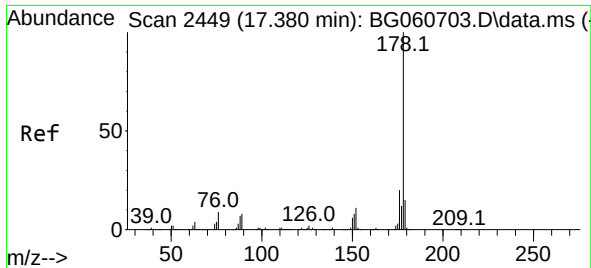
Delta R.T. 0.003 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Tgt Ion:	266	Resp:	419751
Ion Ratio	Lower	Upper	
266	100		
268	64.2	52.2	78.4
264	64.3	51.8	77.6





#71
Phenanthrene
Concen: 45.134 ng
RT: 17.377 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

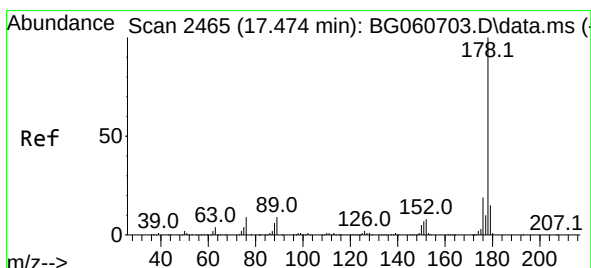
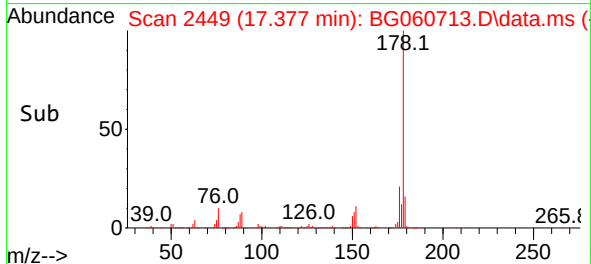
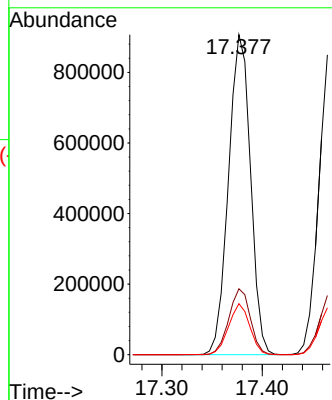
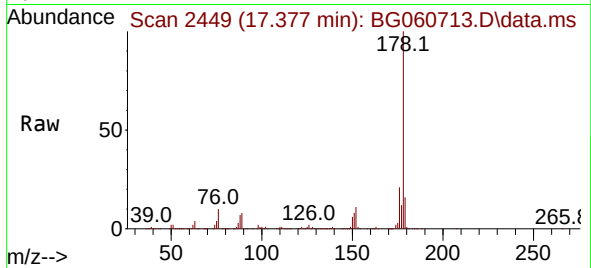
PB159867BS

Tgt Ion:178 Resp: 1378618
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 15.9 12.2 18.4

Manual Integrations

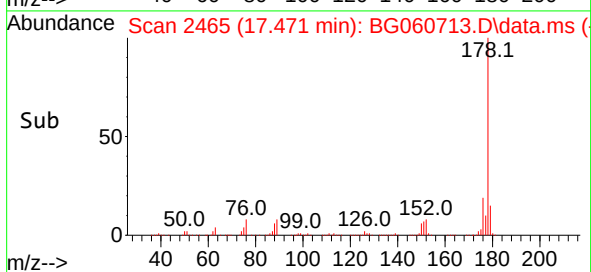
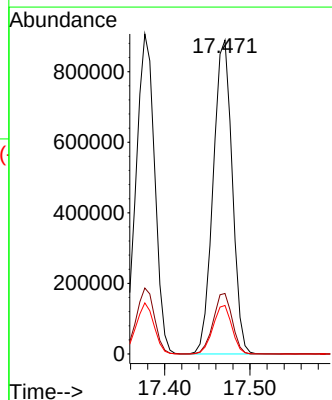
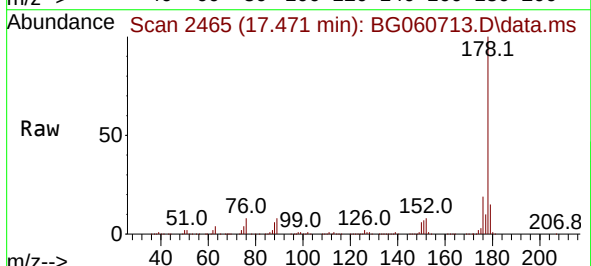
APPROVED

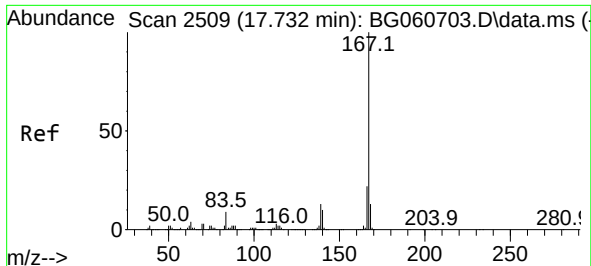
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#72
Anthracene
Concen: 44.552 ng
RT: 17.471 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

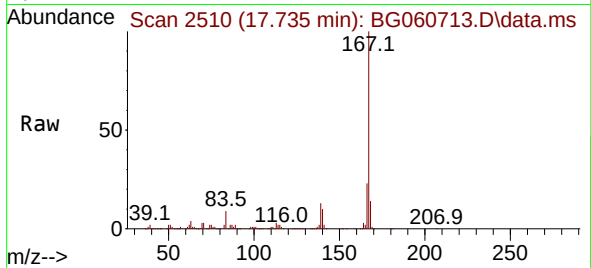
Tgt Ion:178 Resp: 1382008
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.2 18.2





#73
Carbazole
Concen: 46.214 ng
RT: 17.735 min Scan# 2509
Delta R.T. 0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

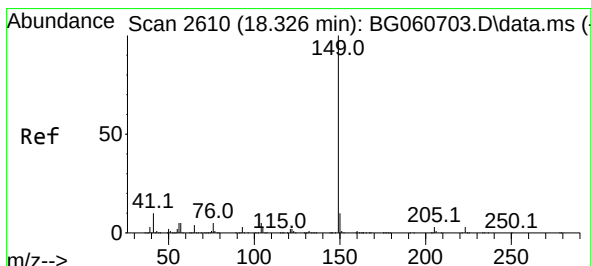
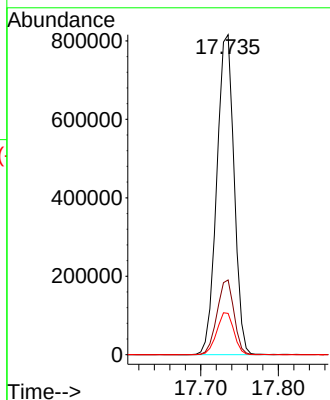
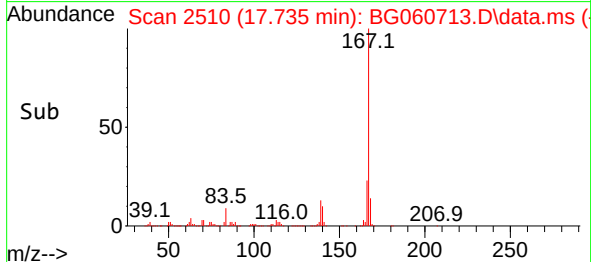
Instrument :
BNA_G
ClientSampleId :
PB159867BS



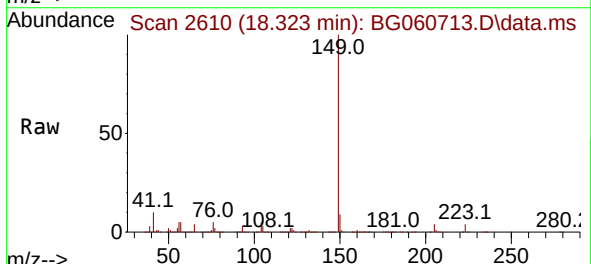
Tgt Ion:167 Resp: 126394
Ion Ratio Lower Upper
167 100
166 23.3 18.0 27.0
139 12.9 10.5 15.7

Manual Integrations
APPROVED

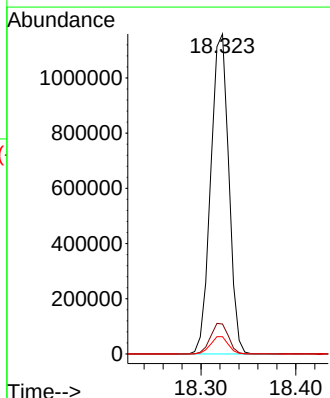
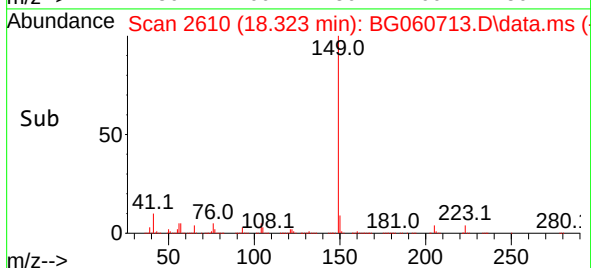
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

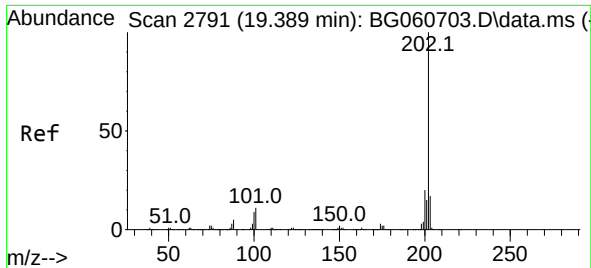


#74
Di-n-butylphthalate
Concen: 44.908 ng
RT: 18.323 min Scan# 2610
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:149 Resp: 1531280
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.4 4.2 6.4





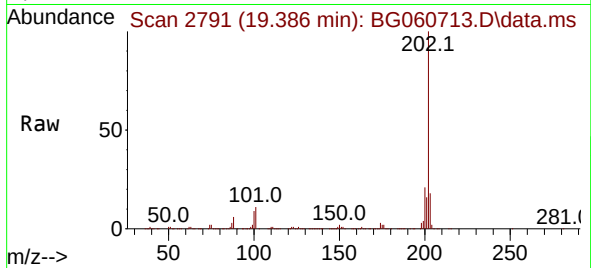
#75
Fluoranthene
Concen: 44.513 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



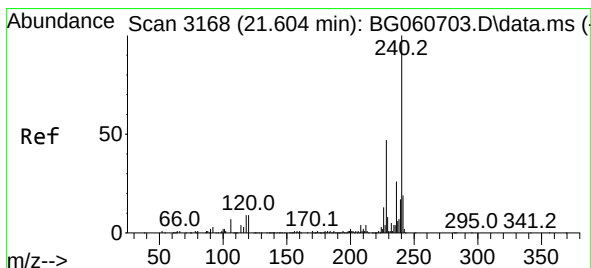
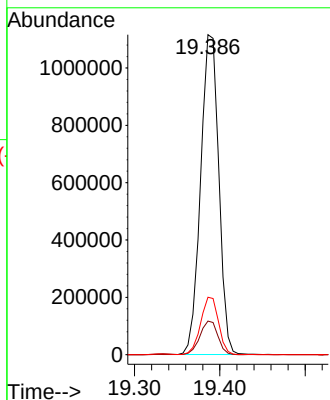
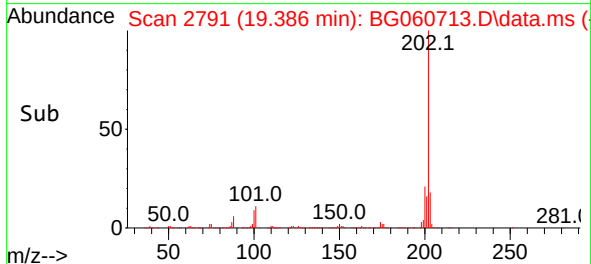
Tgt Ion:202 Resp: 164986
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.8
203 18.0 0.0 37.4

Manual Integrations

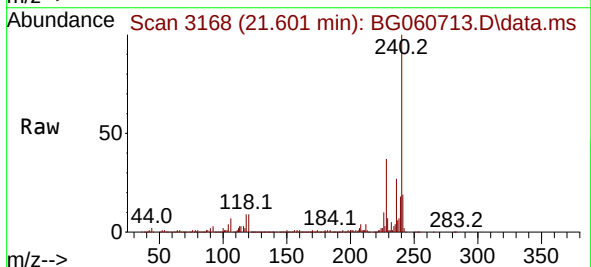
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

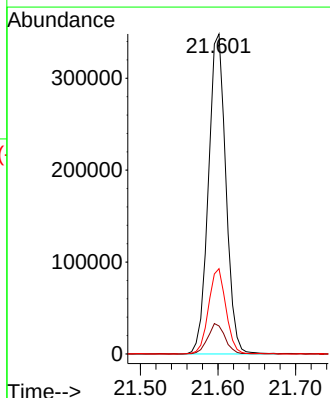
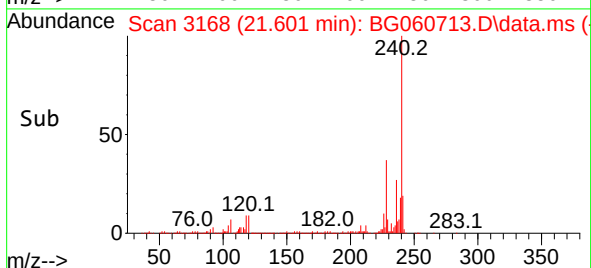
Supervised By :mohammad ahmed 04/02/2024

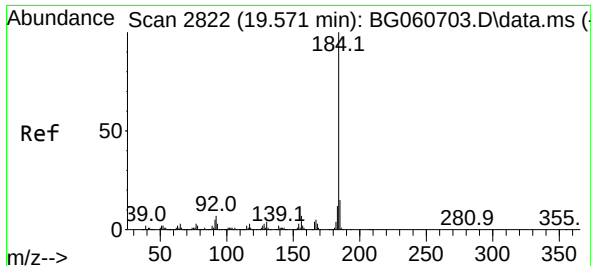


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:240 Resp: 544613
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.7 20.7 31.1





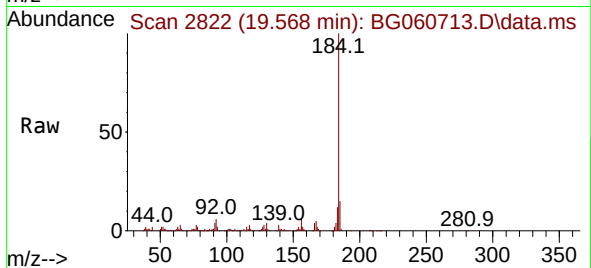
#77
Benzidine
Concen: 23.802 ng
RT: 19.568 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



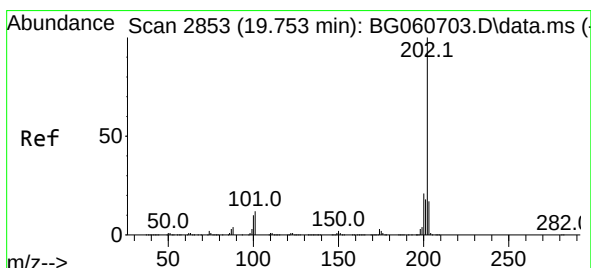
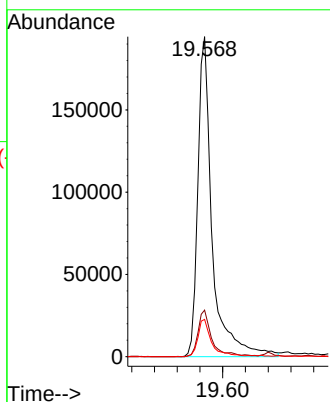
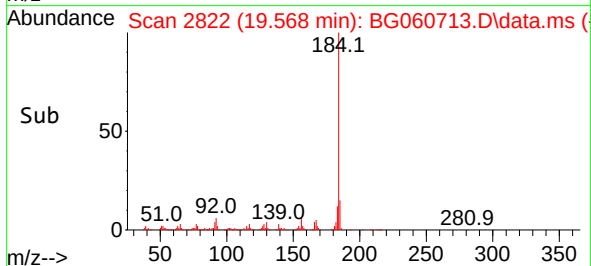
Tgt Ion:184 Resp: 341335
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 11.7 9.5 14.3

Manual Integrations

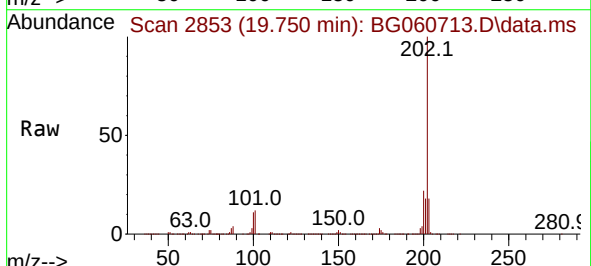
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

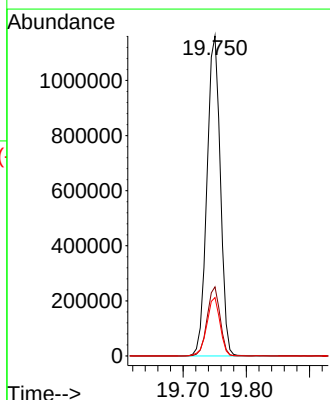
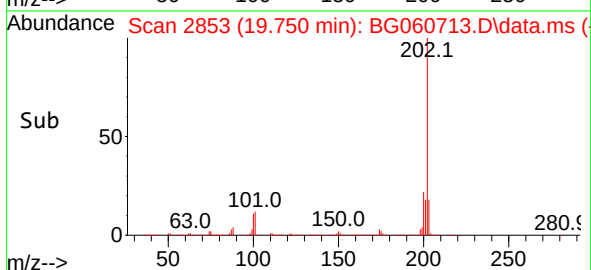
Supervised By :mohammad ahmed 04/02/2024

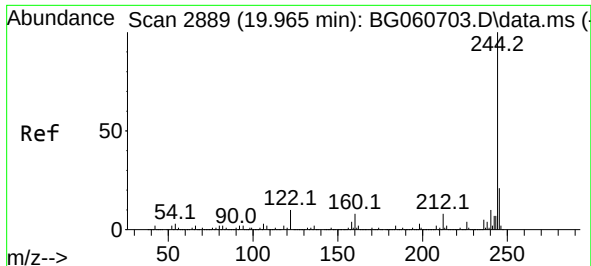


#78
Pyrene
Concen: 44.803 ng
RT: 19.750 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11



Tgt Ion:202 Resp: 1706504
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.3 14.0 21.0





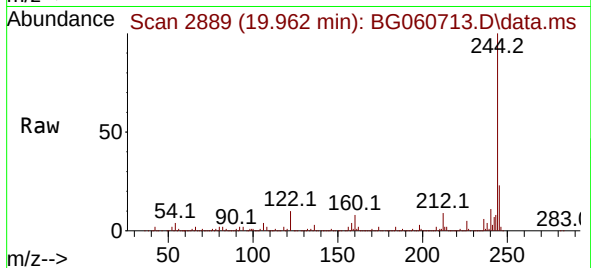
#79
 Terphenyl-d14
 Concen: 81.482 ng
 RT: 19.962 min Scan# 2889
 Delta R.T. -0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



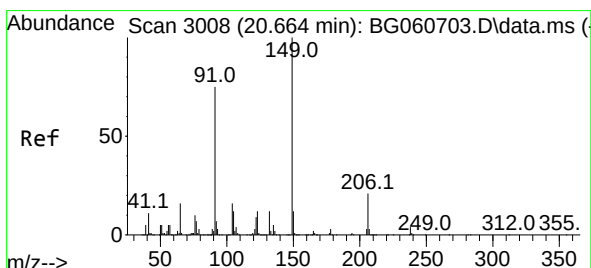
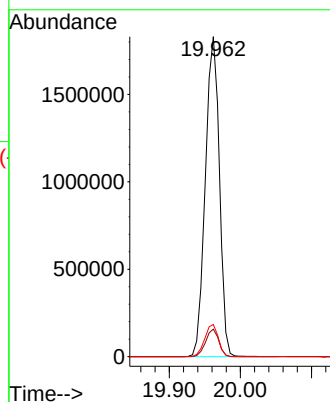
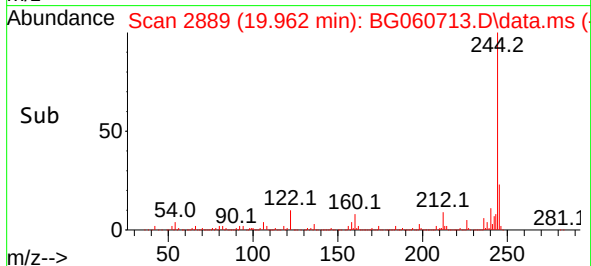
Tgt Ion:244 Resp: 252017
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.2 9.2
 122 10.0 7.8 11.8

Manual Integrations

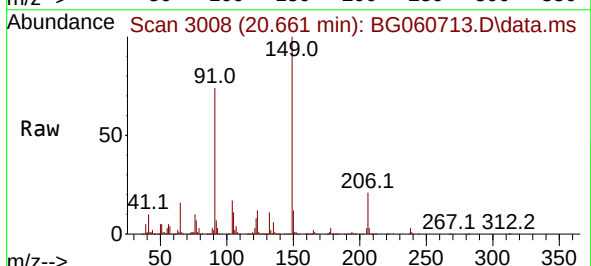
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

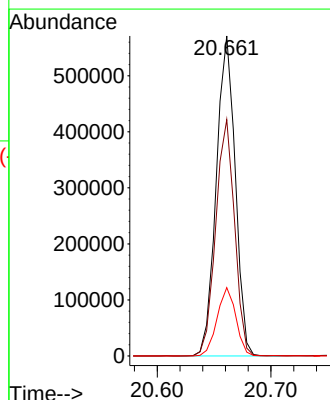
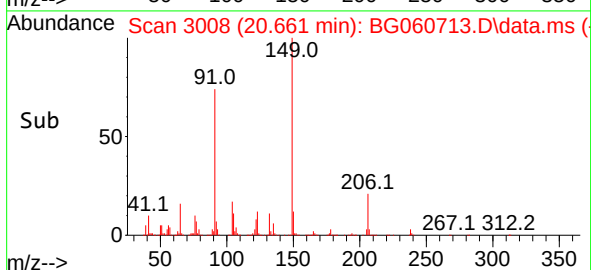
Supervised By :mohammad ahmed 04/02/2024

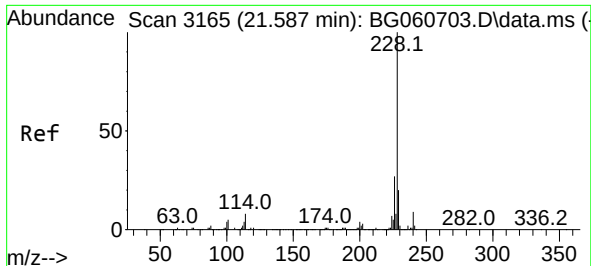


#80
 Butylbenzylphthalate
 Concen: 47.629 ng
 RT: 20.661 min Scan# 3008
 Delta R.T. -0.003 min
 Lab File: BG060713.D
 Acq: 1 Apr 2024 13:11



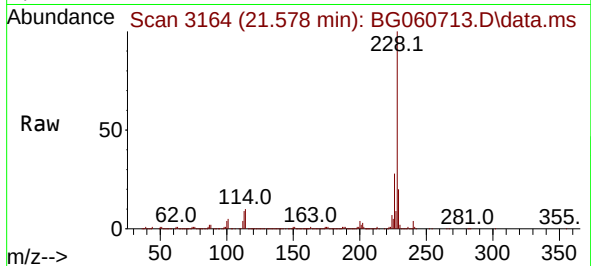
Tgt Ion:149 Resp: 661777
 Ion Ratio Lower Upper
 149 100
 91 73.8 60.1 90.1
 206 21.4 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.878 ng
RT: 21.578 min Scan# 3165
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

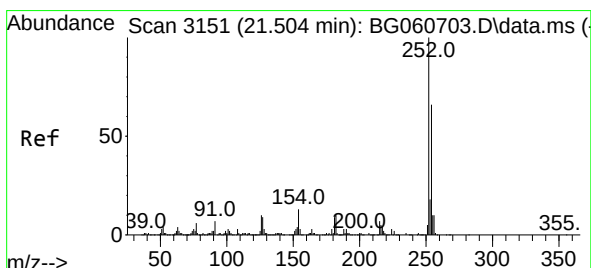
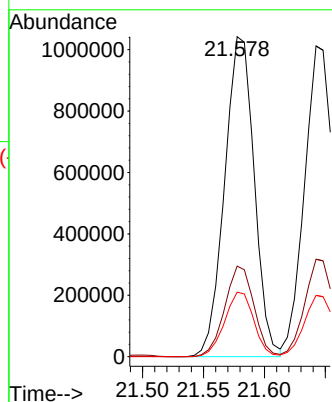
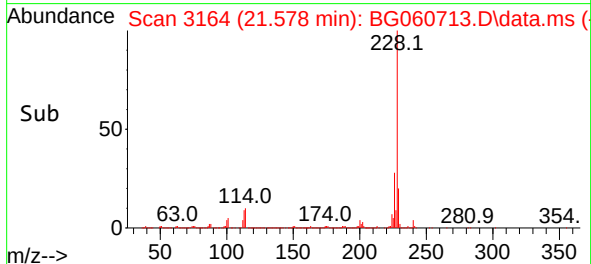
Instrument :
BNA_G
ClientSampleId :
PB159867BS



Tgt Ion:228 Resp: 176122
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.2 15.8 23.8

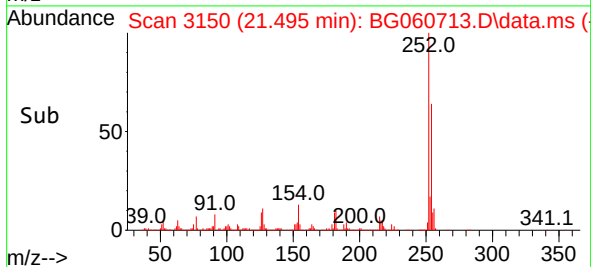
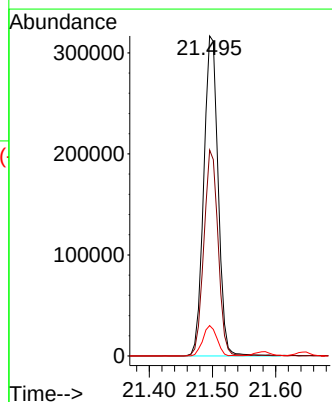
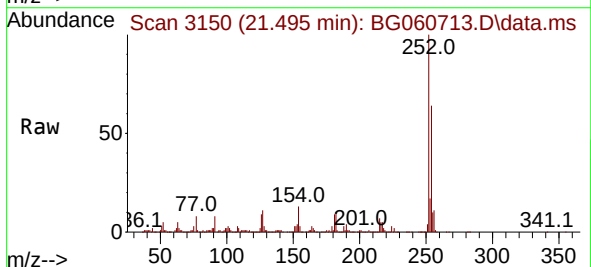
Manual Integrations
APPROVED

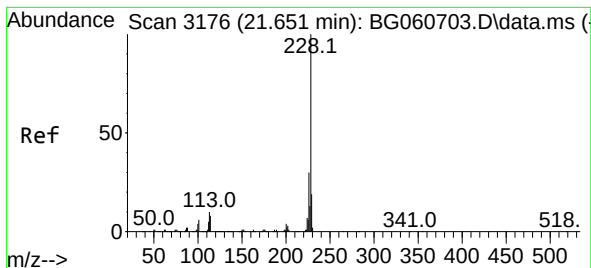
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.540 ng
RT: 21.495 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:252 Resp: 499569
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 9.5 7.8 11.8





#83

Chrysene

Concen: 44.970 ng

RT: 21.642 min Scan# 3176

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

Tgt Ion:228 Resp: 166396

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.4

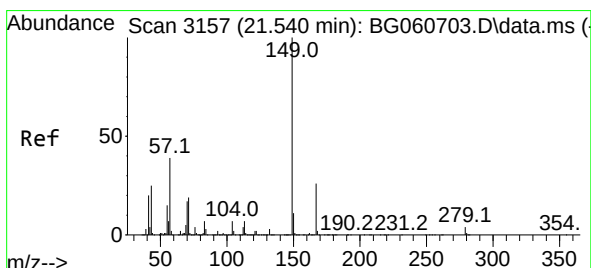
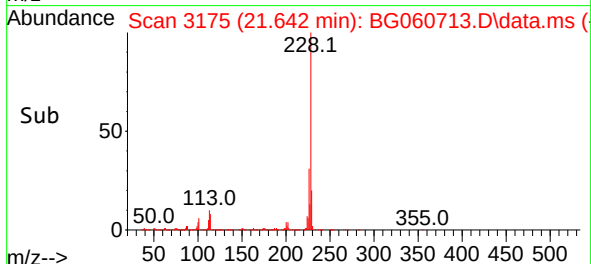
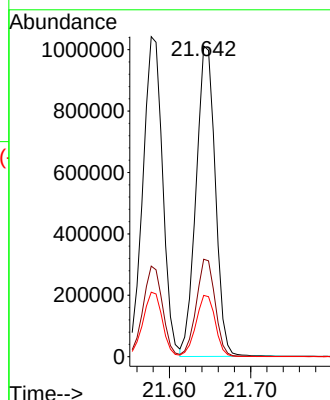
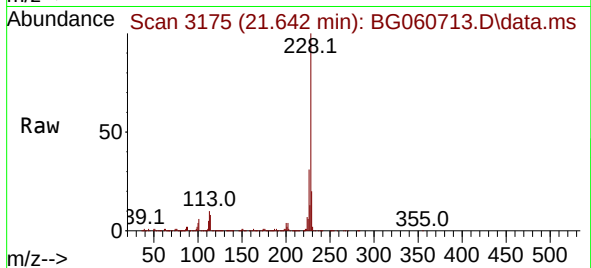
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.459 ng

RT: 21.531 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

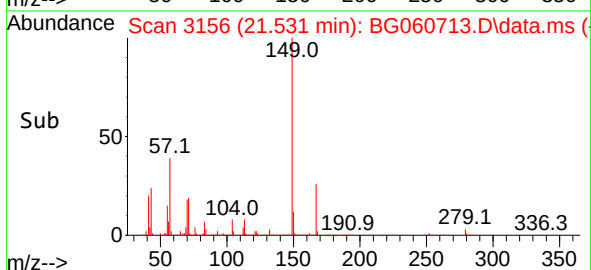
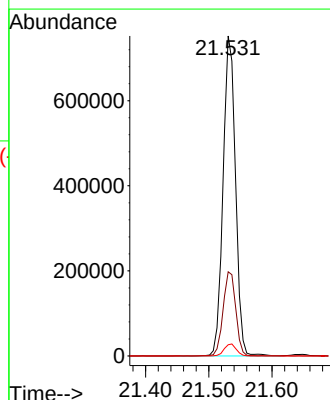
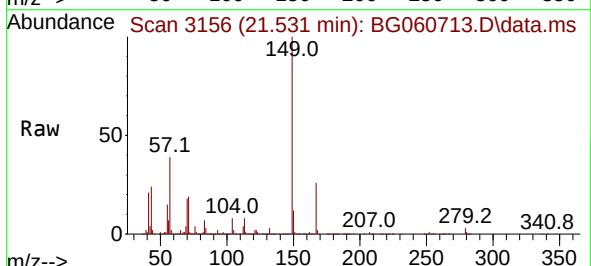
Tgt Ion:149 Resp: 1028874

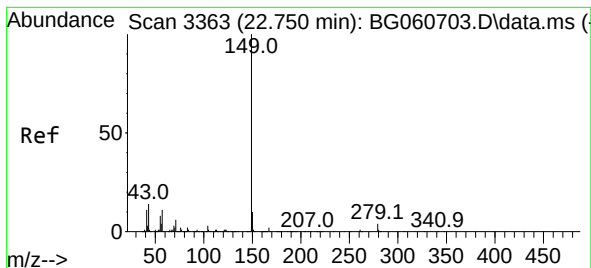
Ion Ratio Lower Upper

149 100

167 26.3 20.6 30.8

279 3.5 3.0 4.4





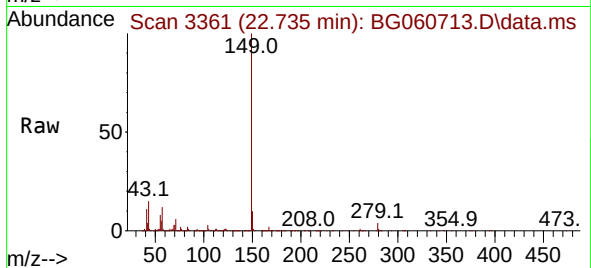
#85
Di-n-octyl phthalate
Concen: 48.011 ng
RT: 22.735 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



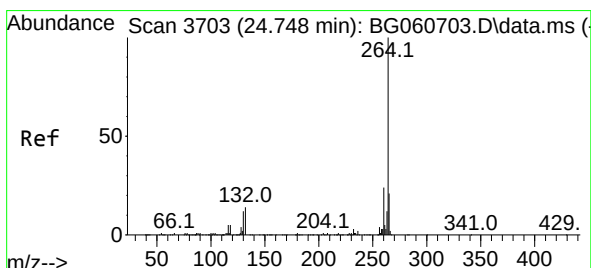
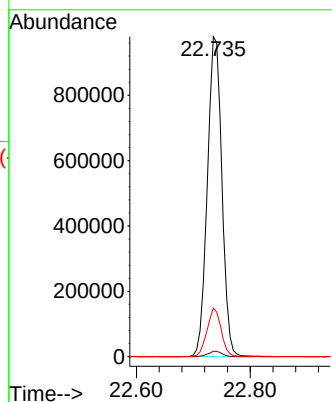
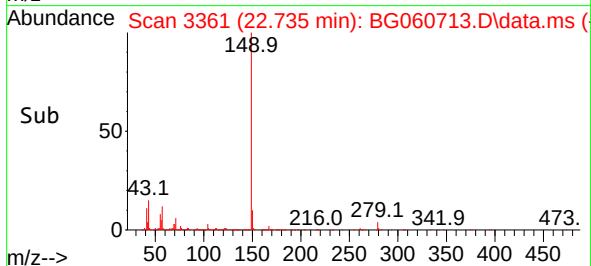
Tgt Ion:149 Resp: 1732110
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.0 11.3 16.9

Manual Integrations

APPROVED

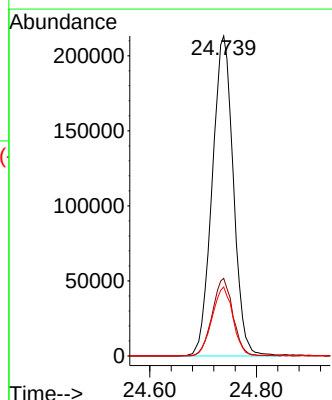
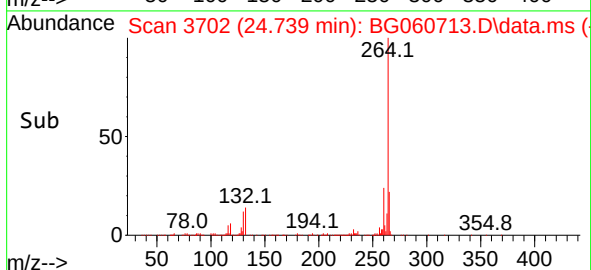
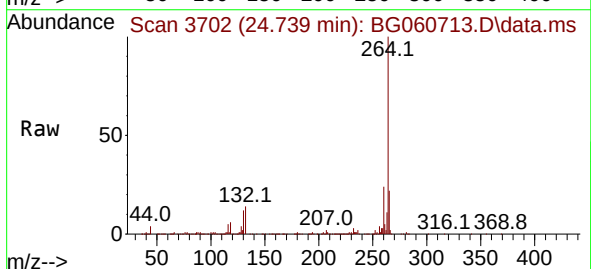
Reviewed By :Yogesh Patel 04/02/2024

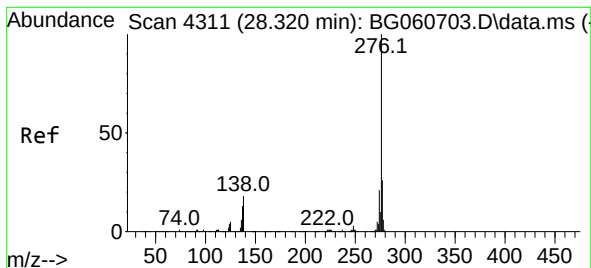
Supervised By :mohammad ahmed 04/02/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3702
Delta R.T. -0.009 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:264 Resp: 586171
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.167 ng

RT: 28.305 min Scan# 4311

Delta R.T. -0.015 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

Tgt Ion:276 Resp: 2112099

Ion Ratio Lower Upper

276 100

138 13.6 12.4 18.6

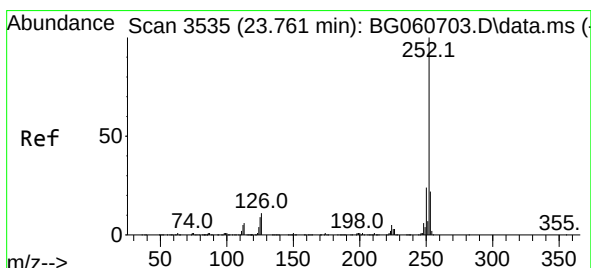
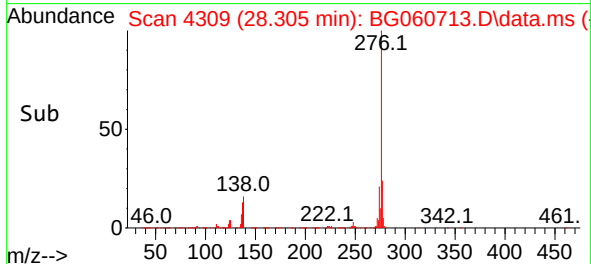
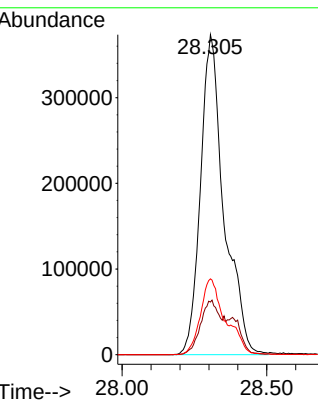
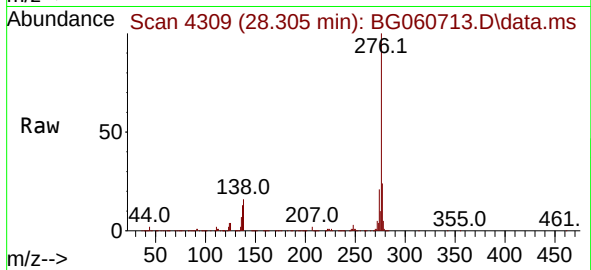
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#88

Benzo(b)fluoranthene

Concen: 51.709 ng

RT: 23.752 min Scan# 3534

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

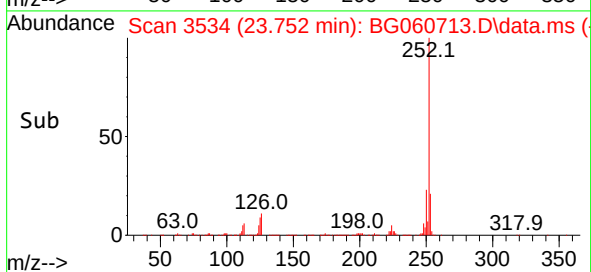
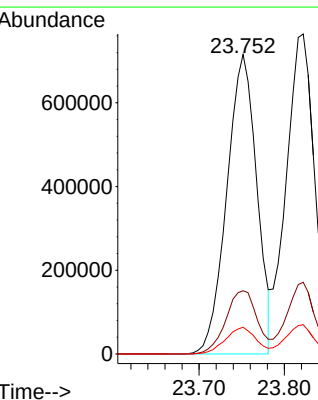
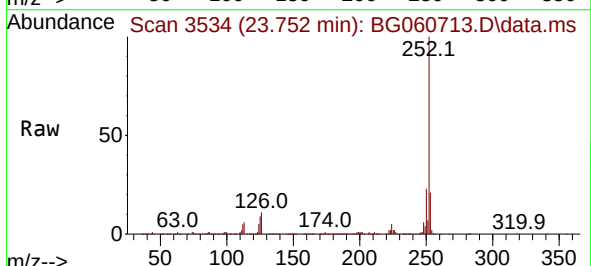
Tgt Ion:252 Resp: 1741332

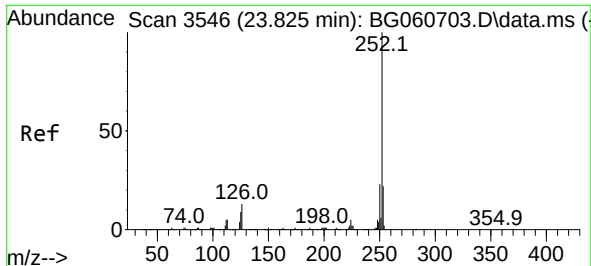
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

125 8.9 7.1 10.7





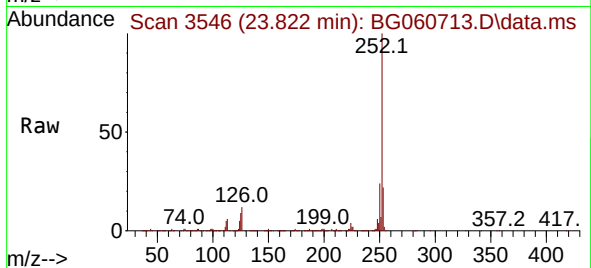
#89
Benzo(k)fluoranthene
Concen: 51.303 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS

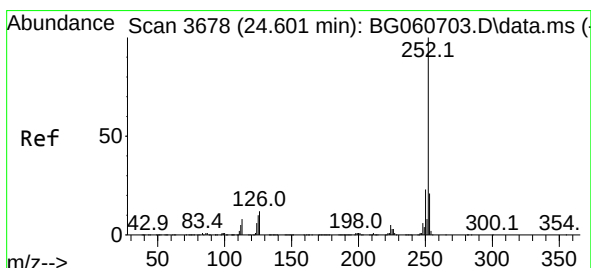
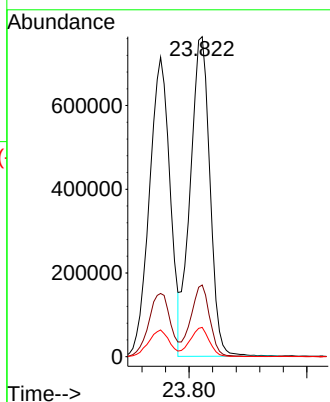
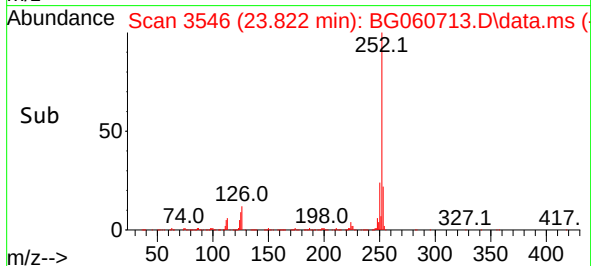


Tgt Ion:252 Resp: 1768319
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.2 7.5 11.3

Manual Integrations

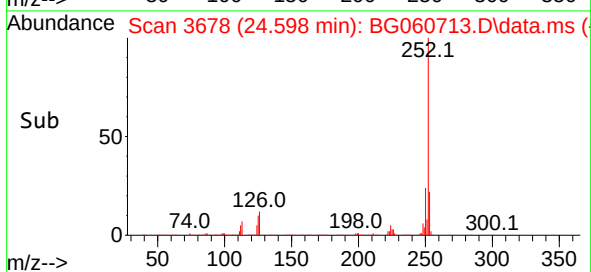
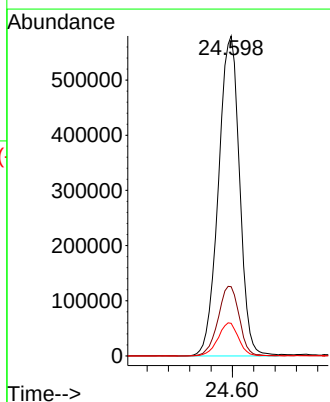
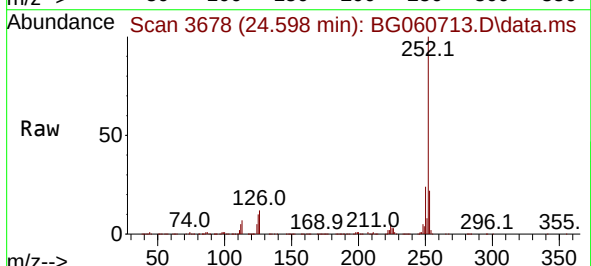
APPROVED

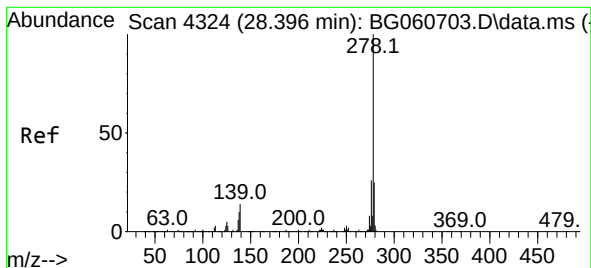
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#90
Benzo(a)pyrene
Concen: 48.712 ng
RT: 24.598 min Scan# 3678
Delta R.T. -0.003 min
Lab File: BG060713.D
Acq: 1 Apr 2024 13:11

Tgt Ion:252 Resp: 1594151
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 10.2 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 51.331 ng

RT: 28.387 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG060713.D

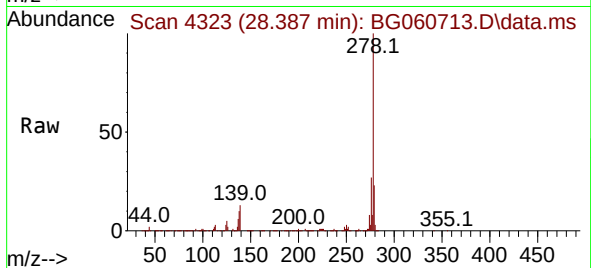
Acq: 1 Apr 2024 13:11

Instrument :

BNA_G

ClientSampleId :

PB159867BS



Tgt Ion:278 Resp: 178613

Ion Ratio Lower Upper

278 100

139 12.6 11.1 16.7

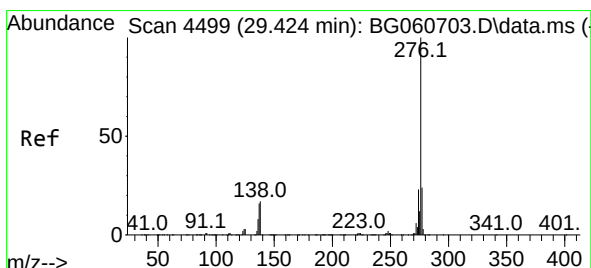
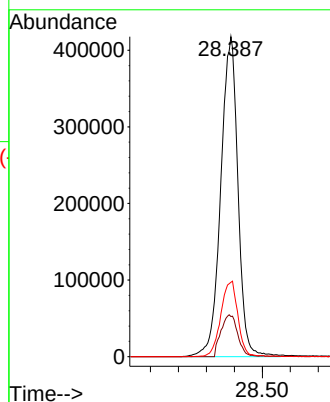
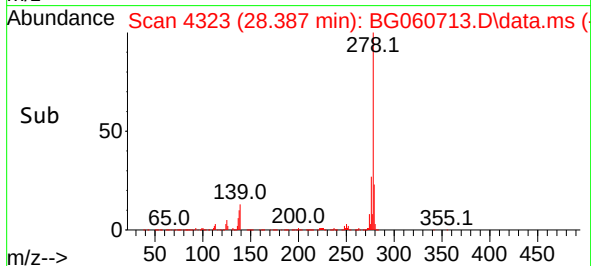
279 23.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#92

Benzo(g,h,i)perylene

Concen: 49.605 ng

RT: 29.416 min Scan# 4498

Delta R.T. -0.009 min

Lab File: BG060713.D

Acq: 1 Apr 2024 13:11

Tgt Ion:276 Resp: 1679064

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 18.3 14.0 21.0

