

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060911.D
 Acq On : 16 Apr 2024 13:10
 Operator : MA/JU
 Sample : PB160246BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 17 01:16:34 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	7.947	152	57254	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	244157	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	192896	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	462252	20.000	ng	-0.01
76) Chrysene-d12	21.589	240	415335	20.000	ng	-0.01
86) Perylene-d12	24.721	264	451610	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	419315	122.006	ng	0.00
7) Phenol-d6	7.118	99	593781	116.391	ng	0.00
23) Nitrobenzene-d5	9.104	82	391580	91.516	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	359103	163.998	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1001017	76.161	ng	-0.01
79) Terphenyl-d14	19.950	244	1862985	78.982	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	39262	27.864	ng	97
3) Pyridine	3.840	79	98482	23.170	ng	91
4) n-Nitrosodimethylamine	3.757	42	97120	38.227	ng	92
6) Aniline	7.271	93	153942	23.895	ng	97
8) 2-Chlorophenol	7.518	128	168641	43.282	ng	96
9) Benzaldehyde	7.089	77	22291m	7.924	ng	
10) Phenol	7.147	94	219996	42.254	ng	95
11) bis(2-Chloroethyl)ether	7.371	93	147681	35.132	ng	94
12) 1,3-Dichlorobenzene	7.841	146	162421	40.085	ng	97
13) 1,4-Dichlorobenzene	7.982	146	170066	41.140	ng	99
14) 1,2-Dichlorobenzene	8.299	146	164678	40.650	ng	99
15) Benzyl Alcohol	8.182	79	169968	41.130	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.469	45	366996	38.686	ng	100
17) 2-Methylphenol	8.393	107	150981	38.413	ng	98
18) Hexachloroethane	9.028	117	59918	40.811	ng	89
19) n-Nitroso-di-n-propyla...	8.751	70	137272	35.284	ng	99
20) 3+4-Methylphenols	8.716	107	211918	39.373	ng	96
22) Acetophenone	8.769	105	264440	39.279	ng	# 98
24) Nitrobenzene	9.145	77	201353	42.606	ng	98
25) Isophorone	9.668	82	363304	36.864	ng	99
26) 2-Nitrophenol	9.856	139	91703	53.668	ng	# 92
27) 2,4-Dimethylphenol	9.921	122	127996	32.331	ng	98
28) bis(2-Chloroethoxy)met...	10.156	93	214663	36.894	ng	98
29) 2,4-Dichlorophenol	10.391	162	172033	47.322	ng	96
30) 1,2,4-Trichlorobenzene	10.608	180	180974	43.963	ng	99
31) Naphthalene	10.796	128	503937	38.156	ng	98
32) Benzoic acid	10.068	122	129849	49.113	ng	96
33) 4-Chloroaniline	10.896	127	107010	17.444	ng	96
34) Hexachlorobutadiene	11.084	225	129072	47.047	ng	98
35) Caprolactam	11.677	113	56599m	39.309	ng	
36) 4-Chloro-3-methylphenol	12.030	107	197254	42.474	ng	98
37) 2-Methylnaphthalene	12.400	142	368981	38.000	ng	99
38) 1-Methylnaphthalene	12.623	142	340441	37.113	ng	99
40) 1,2,4,5-Tetrachloroben...	12.770	216	245617	44.291	ng	99
41) Hexachlorocyclopentadiene	12.753	237	252937	89.701	ng	100
43) 2,4,6-Trichlorophenol	13.011	196	172249	48.238	ng	95

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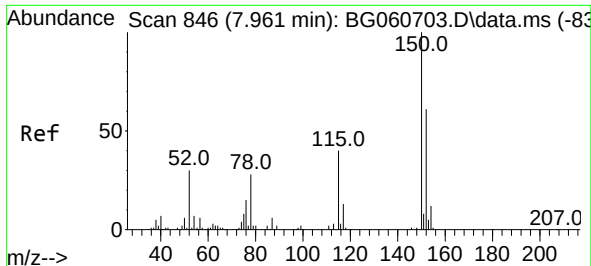
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	188691	44.279	ng	96
46) 1,1'-Biphenyl	13.411	154	524328	38.483	ng	97
47) 2-Chloronaphthalene	13.452	162	411261	39.728	ng	97
48) 2-Nitroaniline	13.652	65	154135	46.233	ng	98
49) Acenaphthylene	14.298	152	685419	39.406	ng	100
50) Dimethylphthalate	14.039	163	574918	37.708	ng	99
51) 2,6-Dinitrotoluene	14.151	165	120991	44.589	ng	97
52) Acenaphthene	14.645	154	487568m	44.646	ng	
53) 3-Nitroaniline	14.480	138	88798	30.742	ng #	95
54) 2,4-Dinitrophenol	14.686	184	153984	145.096	ng	90
55) Dibenzofuran	14.979	168	655357	38.045	ng	98
56) 4-Nitrophenol	14.797	139	208466	93.529	ng	92
57) 2,4-Dinitrotoluene	14.938	165	176550	49.546	ng	93
58) Fluorene	15.626	166	537268	38.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.203	232	180104	48.497	ng	97
60) Diethylphthalate	15.402	149	567506	36.997	ng	98
61) 4-Chlorophenyl-phenyle...	15.626	204	297181	40.631	ng	94
62) 4-Nitroaniline	15.643	138	129242	46.364	ng	93
63) Azobenzene	15.920	77	538263	36.011	ng	95
65) 4,6-Dinitro-2-methylph...	15.702	198	112079	57.177	ng	99
66) n-Nitrosodiphenylamine	15.837	169	506288	38.328	ng	98
67) 4-Bromophenyl-phenylether	16.519	248	210682	44.910	ng	96
68) Hexachlorobenzene	16.636	284	245814	46.417	ng	95
69) Atrazine	16.789	200	196037	42.439	ng	99
70) Pentachlorophenol	16.977	266	320894	92.864	ng	99
71) Phenanthrene	17.371	178	926458	38.537	ng	99
72) Anthracene	17.459	178	933765	38.246	ng	99
73) Carbazole	17.723	167	819362	38.063	ng	99
74) Di-n-butylphthalate	18.299	149	982854	36.623	ng	100
75) Fluoranthene	19.380	202	1119302	38.369	ng	97
77) Benzidine	19.556	184	231339	21.153	ng	98
78) Pyrene	19.739	202	1156192	39.803	ng	99
80) Butylbenzylphthalate	20.643	149	427475	40.342	ng	96
81) Benzo(a)anthracene	21.572	228	1159136	39.592	ng	99
82) 3,3'-Dichlorobenzidine	21.484	252	315842	31.950	ng	98
83) Chrysene	21.636	228	1109081	39.303	ng	99
84) Bis(2-ethylhexyl)phtha...	21.501	149	608788	36.047	ng	96
85) Di-n-octyl phthalate	22.694	149	1061146	38.568	ng	100
87) Indeno(1,2,3-cd)pyrene	28.287	276	1390804	43.733	ng #	96
88) Benzo(b)fluoranthene	23.734	252	1145579	44.154	ng #	98
89) Benzo(k)fluoranthene	23.799	252	1142721	43.031	ng #	98
90) Benzo(a)pyrene	24.574	252	1063495	42.180	ng	99
91) Dibenzo(a,h)anthracene	28.352	278	1144084	42.676	ng #	95
92) Benzo(g,h,i)perylene	29.392	276	1071168	41.074	ng	96

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



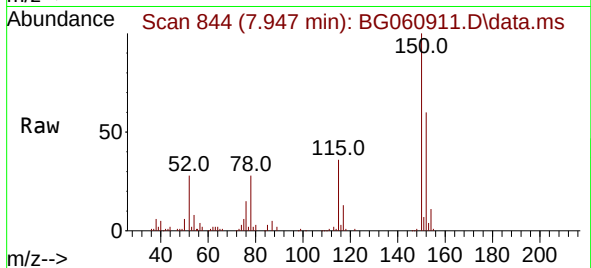
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.947 min Scan# 84
 Delta R.T. -0.014 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

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PB160246BS



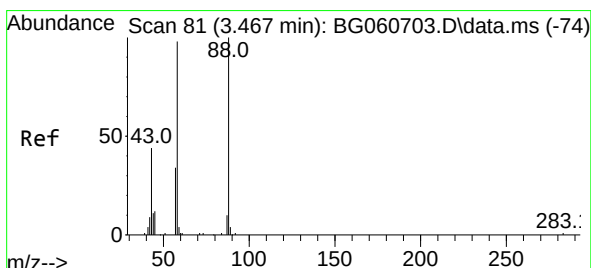
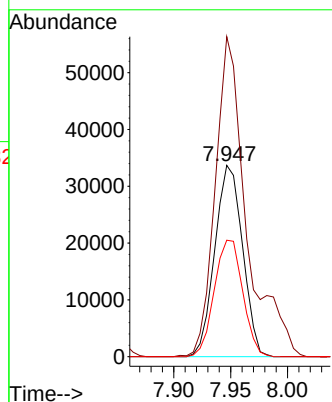
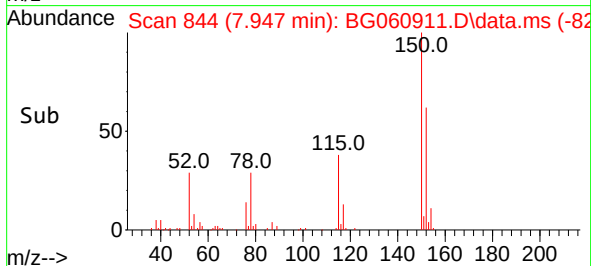
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 Ion Ratio Lower Upper
 152 100
 150 167.3 130.2 195.4
 115 60.9 51.6 77.4

Manual Integrations

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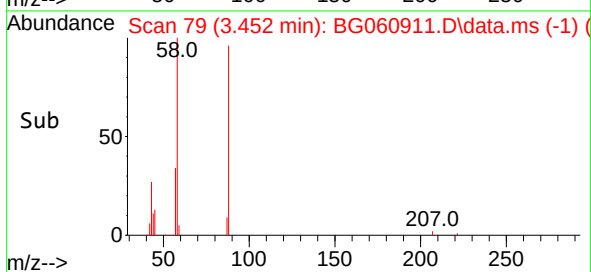
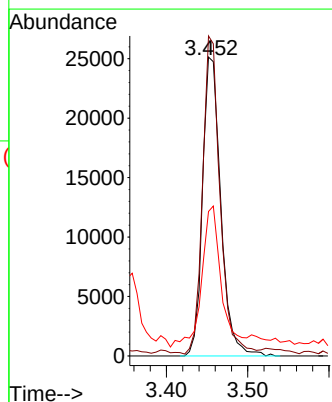
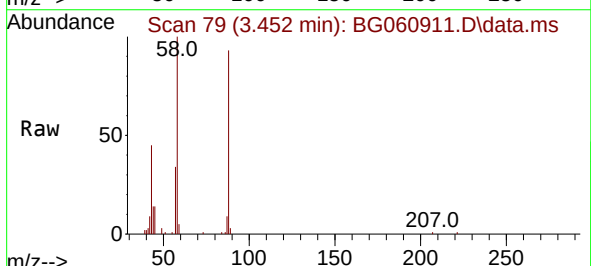
Reviewed By :Yogesh Patel 04/17/2024

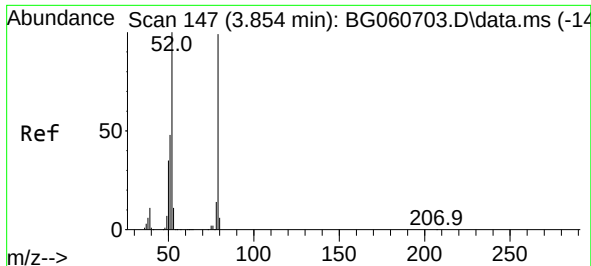
Supervised By :mohammad ahmed 04/18/2024



#2
 1,4-Dioxane
 Concen: 27.864 ng
 RT: 3.452 min Scan# 79
 Delta R.T. -0.015 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

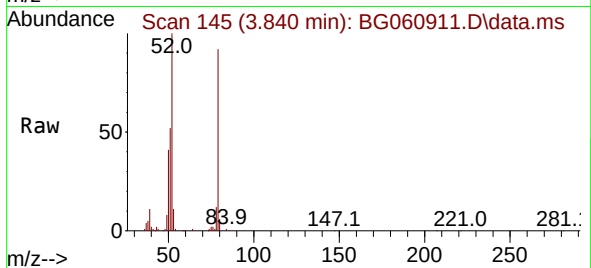
Tgt Ion: 88 Resp: 39262
 Ion Ratio Lower Upper
 88 100
 58 101.1 80.9 121.3
 43 50.2 35.4 53.0





#3
Pyridine
Concen: 23.170 ng
RT: 3.840 min Scan# 147
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

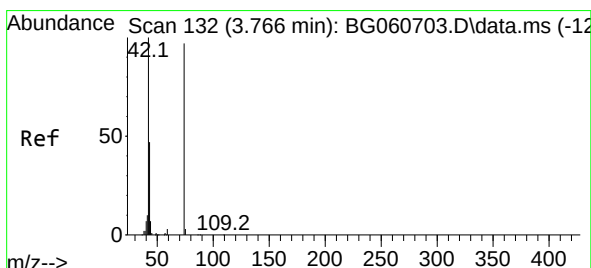
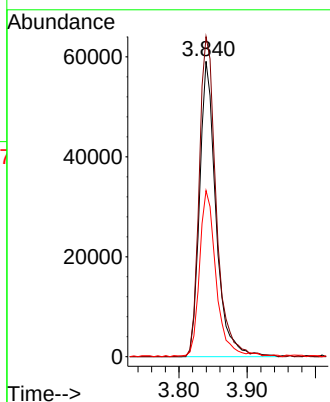
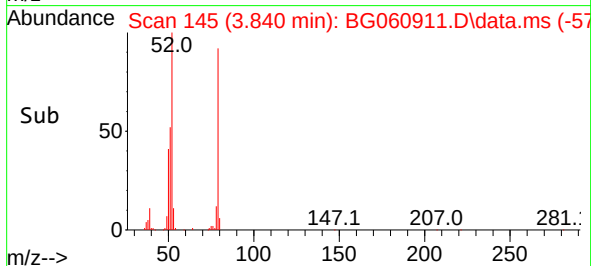
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion: 79 Resp: 9848
Ion Ratio Lower Upper
79 100
52 108.3 80.6 120.8
51 56.2 39.1 58.7

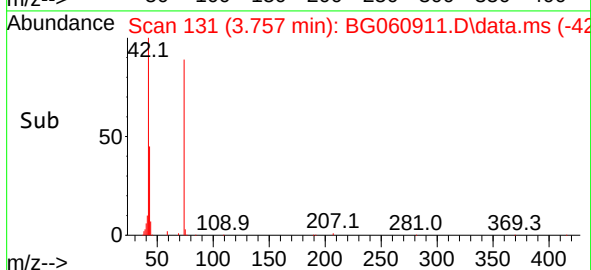
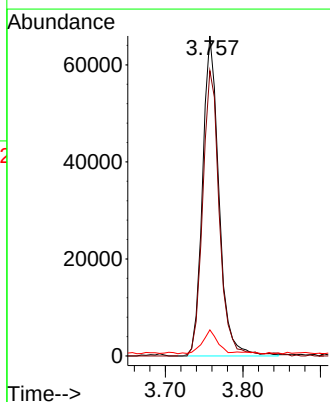
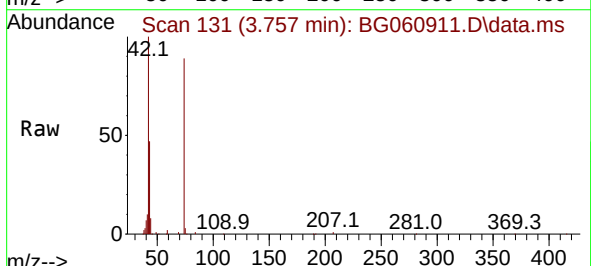
Manual Integrations
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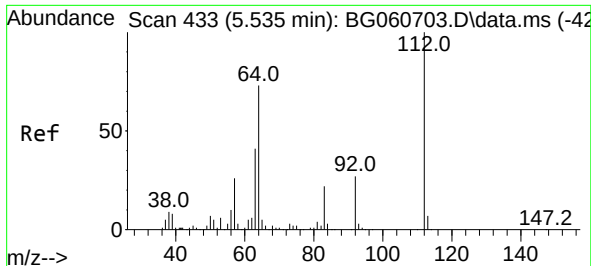
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#4
n-Nitrosodimethylamine
Concen: 38.227 ng
RT: 3.757 min Scan# 131
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

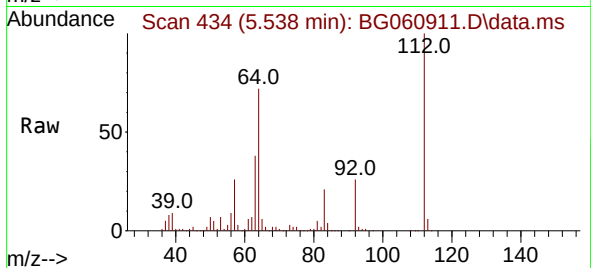
Tgt Ion: 42 Resp: 97120
Ion Ratio Lower Upper
42 100
74 89.1 77.8 116.8
44 8.2 6.8 10.2





#5
2-Fluorophenol
Concen: 122.006 ng
RT: 5.538 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

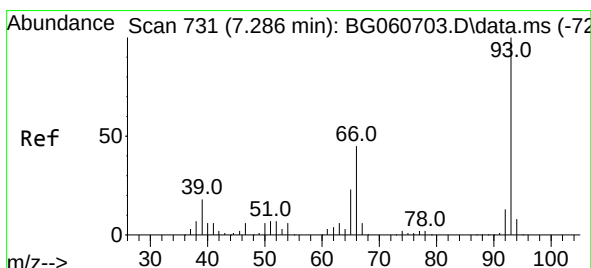
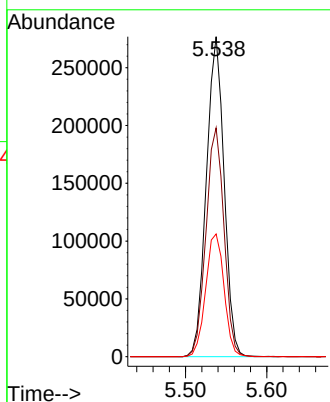
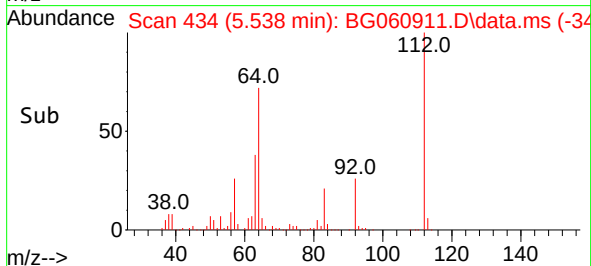
Instrument :
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Tgt Ion:112 Resp: 419315
Ion Ratio Lower Upper
112 100
64 71.5 58.4 87.6
63 38.3 32.7 49.1

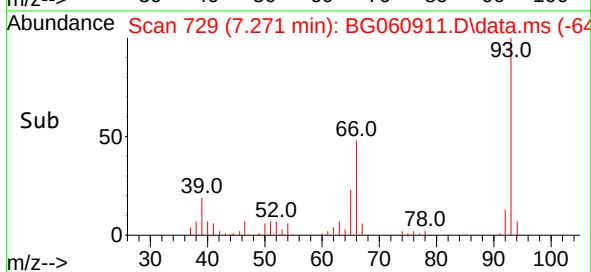
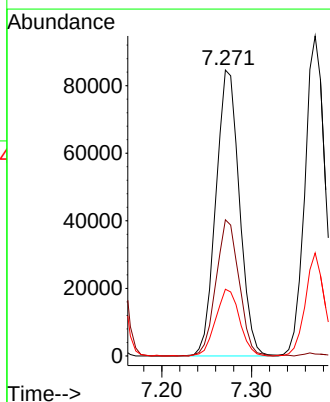
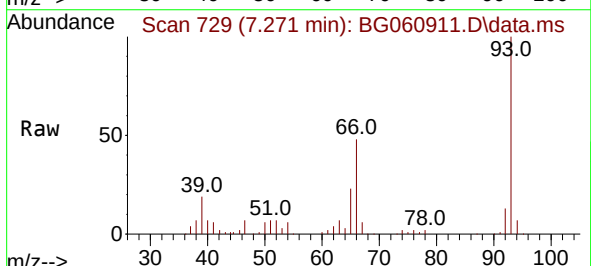
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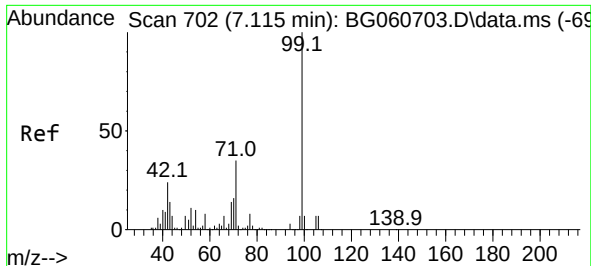
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#6
Aniline
Concen: 23.895 ng
RT: 7.271 min Scan# 729
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 93 Resp: 153942
Ion Ratio Lower Upper
93 100
66 47.6 36.1 54.1
65 23.3 18.1 27.1





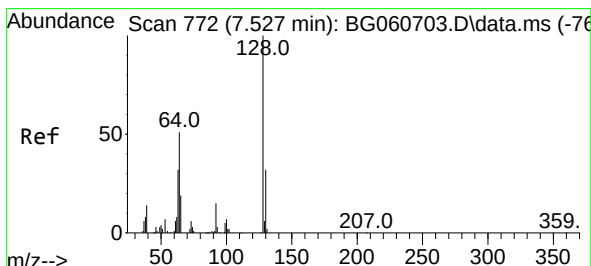
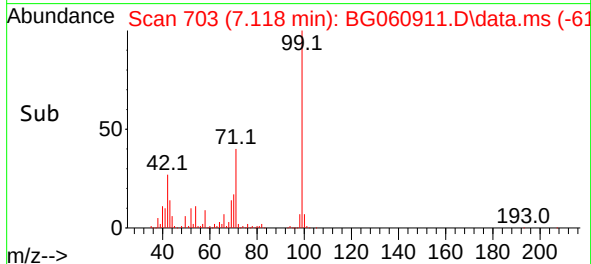
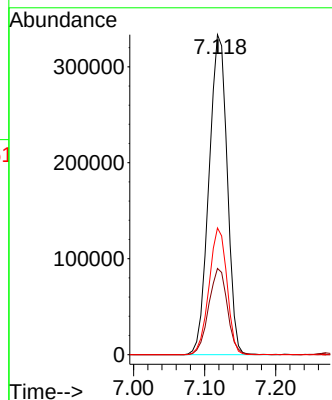
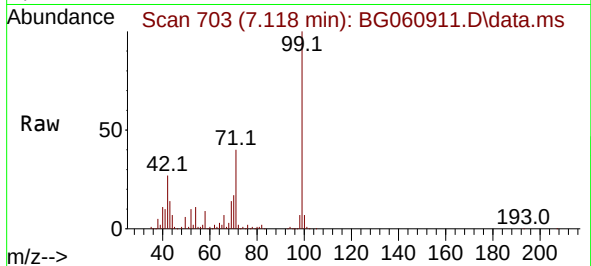
#7
Phenol-d6
Concen: 116.391 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :
BNA_G
ClientSampleId :
PB160246BS

Tgt Ion: 99 Resp: 59378
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 39.6 28.2 42.2

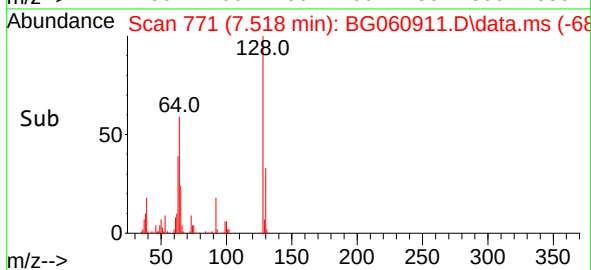
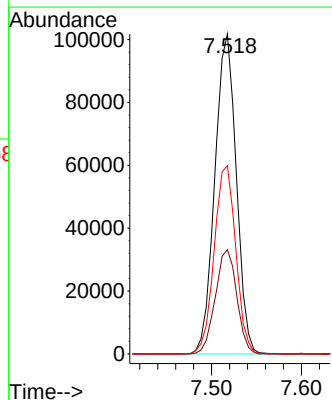
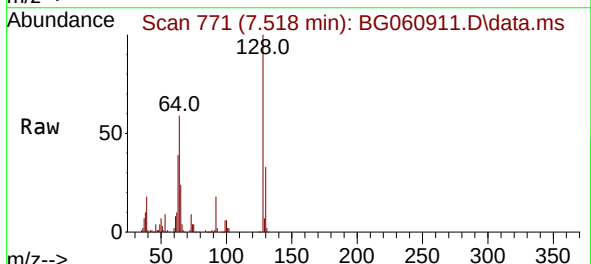
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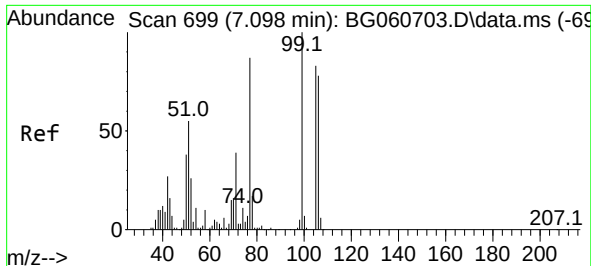
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#8
2-Chlorophenol
Concen: 43.282 ng
RT: 7.518 min Scan# 771
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:128 Resp: 168641
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 58.8 35.0 75.0





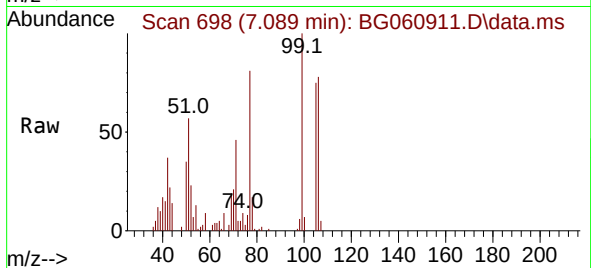
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Benzaldehyde
Concen: 7.924 ng m
RT: 7.089 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

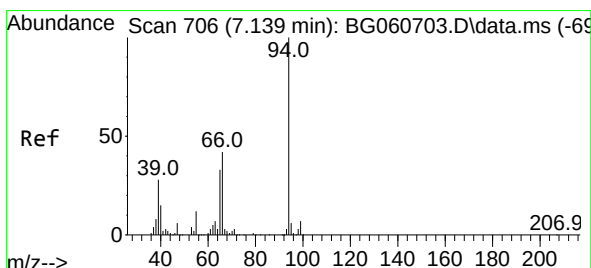
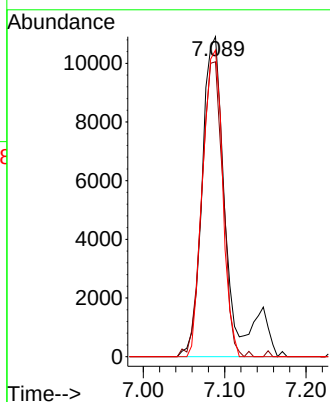
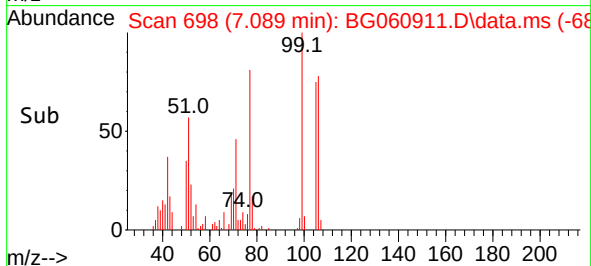
PB160246BS



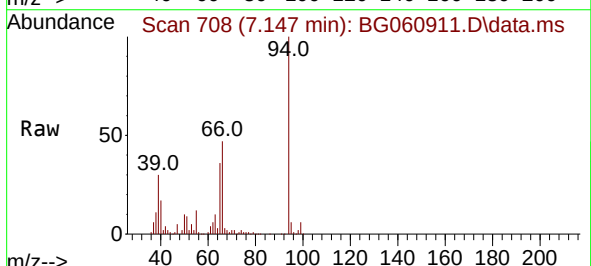
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Ion Ratio Lower Upper
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105 92.2 76.0 116.0
106 95.8 70.3 110.3

Manual Integrations
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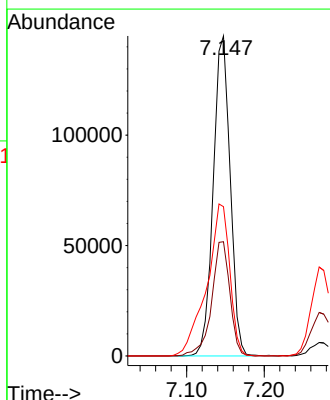
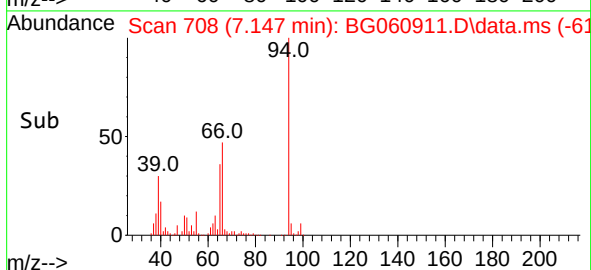
Reviewed By :Yogesh Patel 04/17/2024
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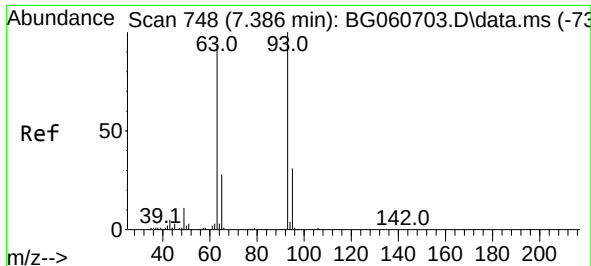


#10
Phenol
Concen: 42.254 ng
RT: 7.147 min Scan# 708
Delta R.T. 0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10



Tgt Ion: 94 Resp: 219996
Ion Ratio Lower Upper
94 100
65 35.7 13.3 53.3
66 46.7 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 35.132 ng
RT: 7.371 min Scan# 748
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

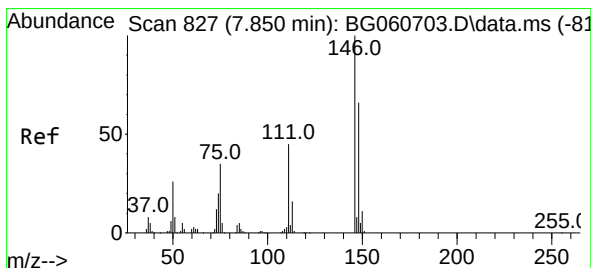
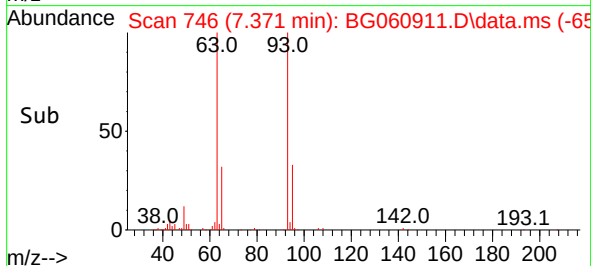
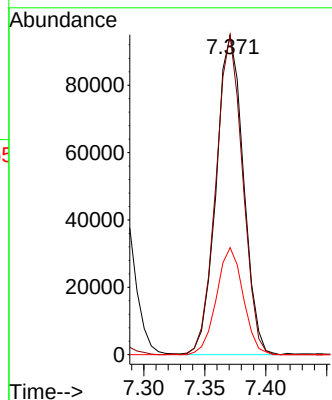
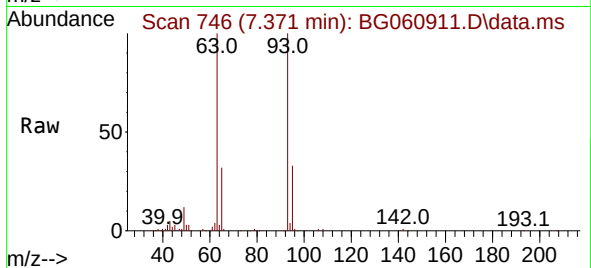
ClientSampleId :

PB160246BS

Tgt Ion: 93 Resp: 14768
Ion Ratio Lower Upper
93 100
63 100.3 73.7 113.7
95 33.5 11.2 51.2

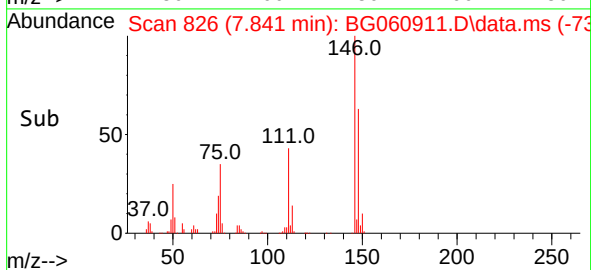
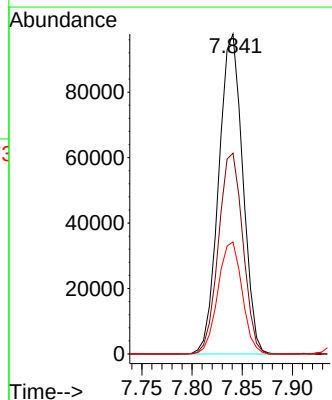
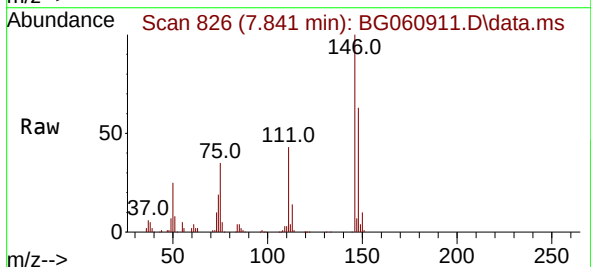
Manual Integrations
APPROVED

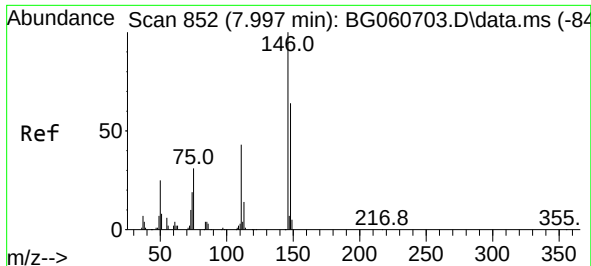
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#12
1,3-Dichlorobenzene
Concen: 40.085 ng
RT: 7.841 min Scan# 826
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:146 Resp: 162421
Ion Ratio Lower Upper
146 100
148 62.8 53.0 79.4
75 35.0 28.1 42.1





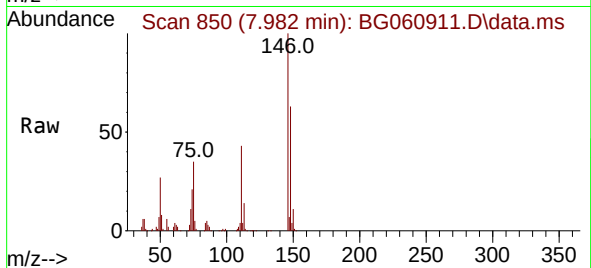
#13
1,4-Dichlorobenzene
Concen: 41.140 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

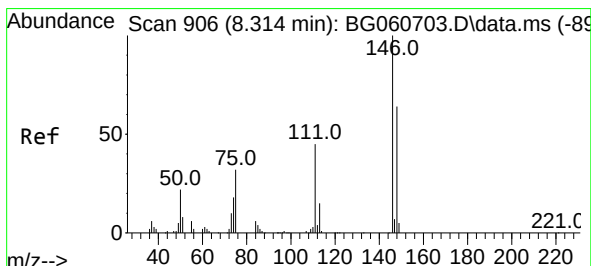
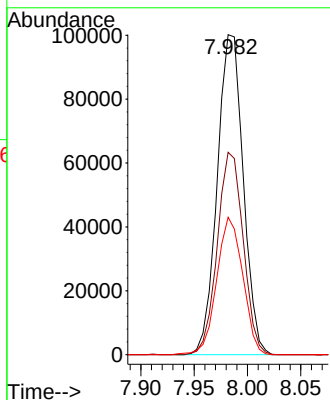
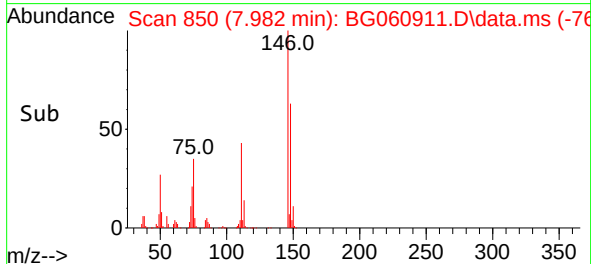


Tgt Ion:146 Resp: 170060
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
111 43.0 35.0 52.6

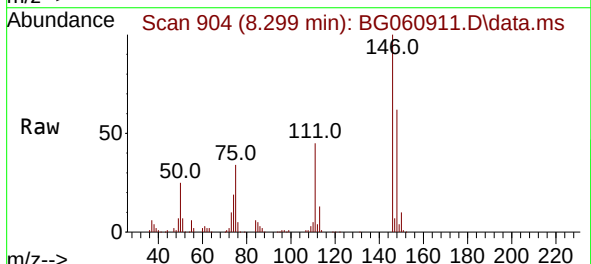
Manual Integrations

APPROVED

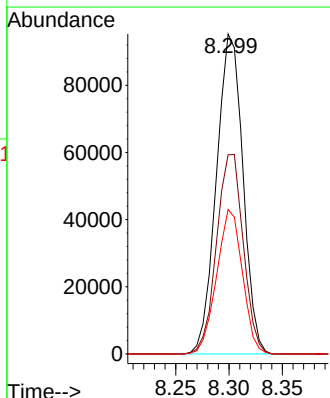
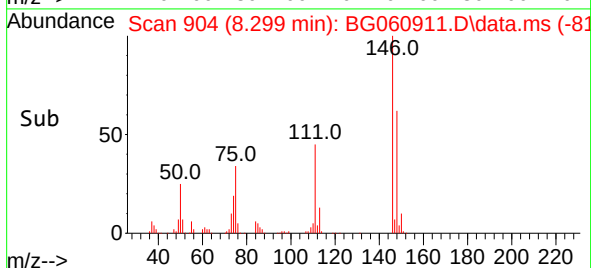
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

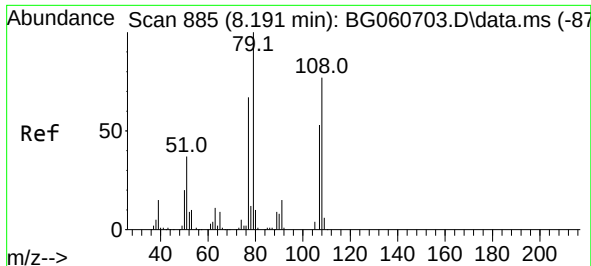


#14
1,2-Dichlorobenzene
Concen: 40.650 ng
RT: 8.299 min Scan# 904
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10



Tgt Ion:146 Resp: 164678
Ion Ratio Lower Upper
146 100
148 62.3 51.0 76.6
111 45.2 36.0 54.0





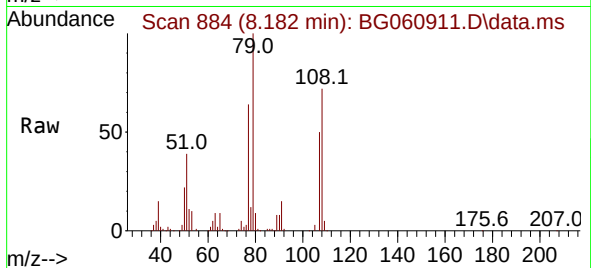
#15
Benzyl Alcohol
Concen: 41.130 ng
RT: 8.182 min Scan# 885
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

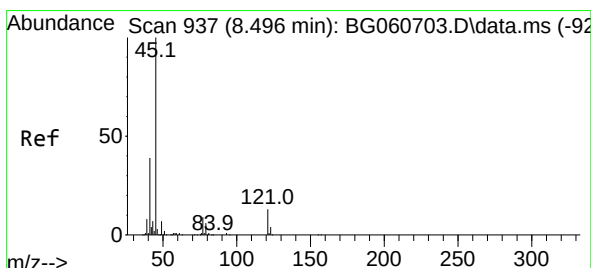
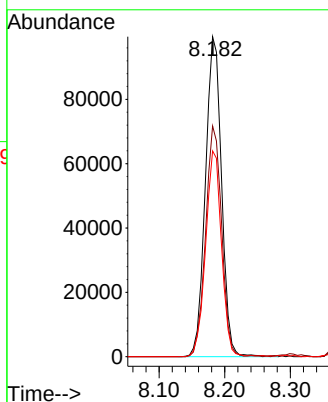
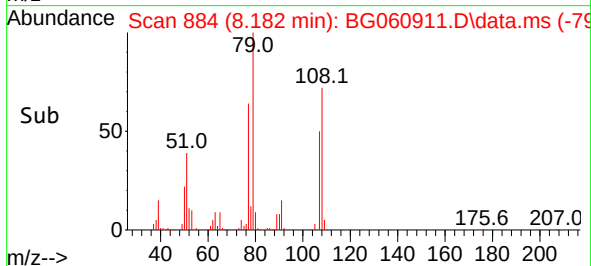
PB160246BS



Tgt Ion: 79 Resp: 16996
Ion Ratio Lower Upper
79 100
108 72.1 61.4 92.0
77 64.3 53.6 80.4

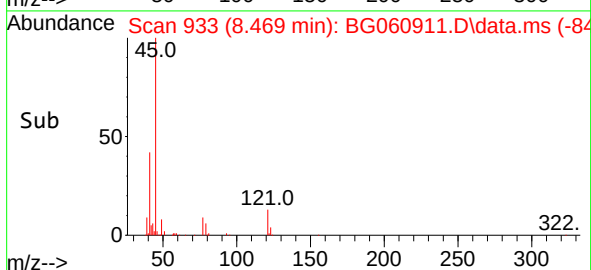
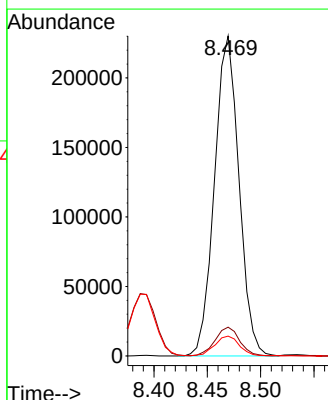
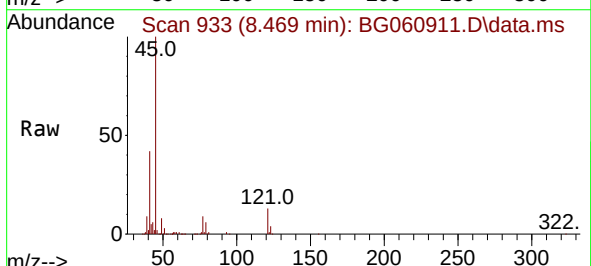
Manual Integrations
APPROVED

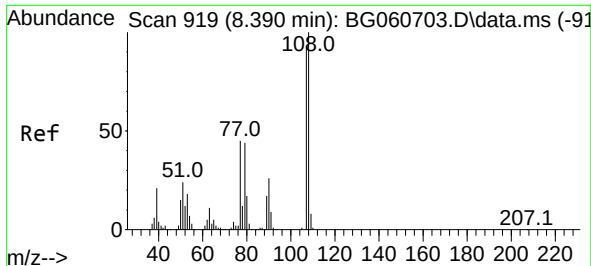
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.686 ng
RT: 8.469 min Scan# 933
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 45 Resp: 366996
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 6.2 0.0 26.5





#17
2-Methylphenol
Concen: 38.413 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

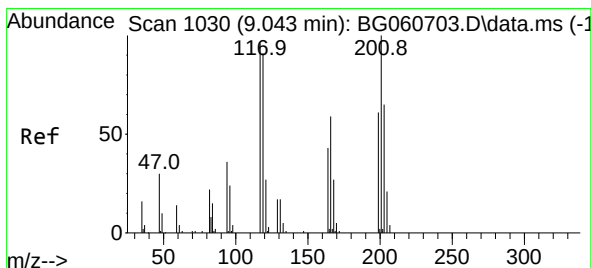
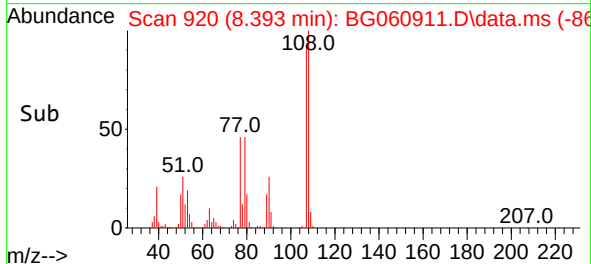
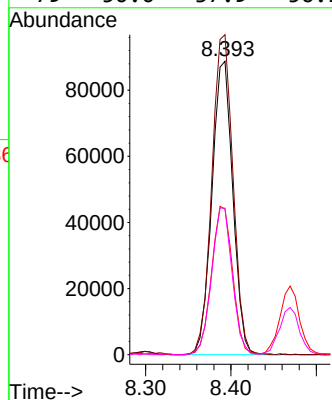
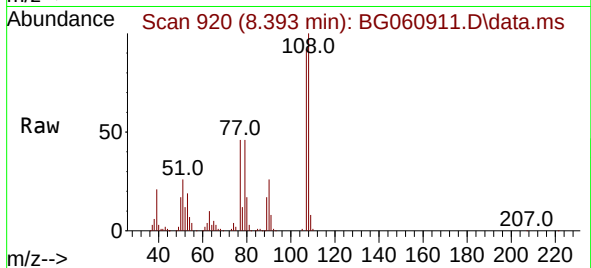
PB160246BS

Tgt Ion:107 Resp: 15098
Ion Ratio Lower Upper
107 100
108 109.0 86.4 129.6
77 49.6 38.6 58.0
79 50.0 37.9 56.9

Manual Integrations

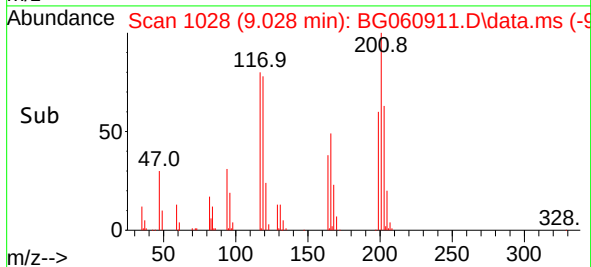
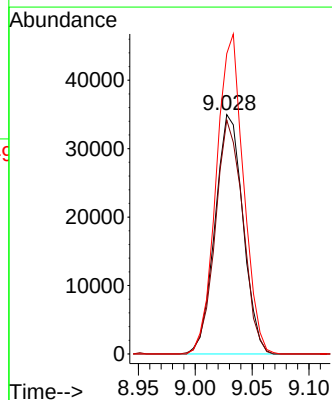
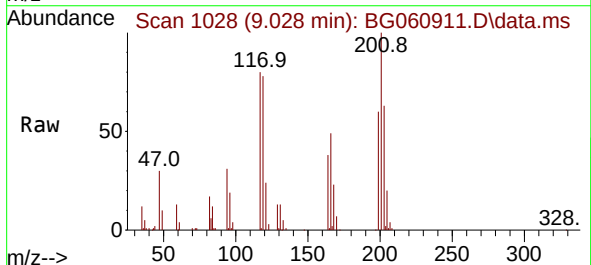
APPROVED

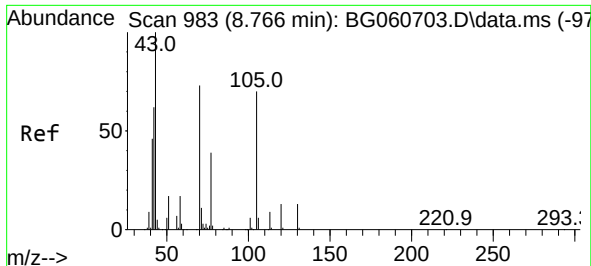
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#18
Hexachloroethane
Concen: 40.811 ng
RT: 9.028 min Scan# 1028
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

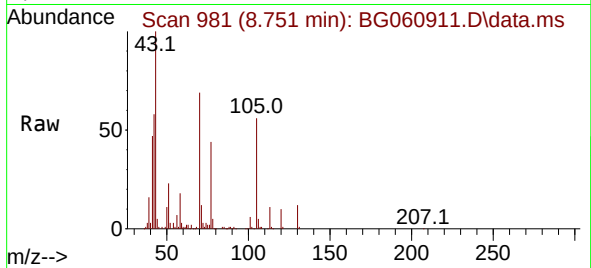
Tgt Ion:117 Resp: 59918
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5
201 123.5 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 35.284 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

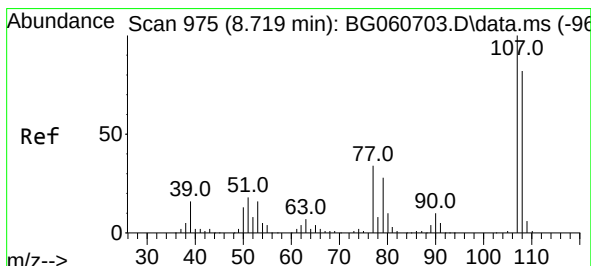
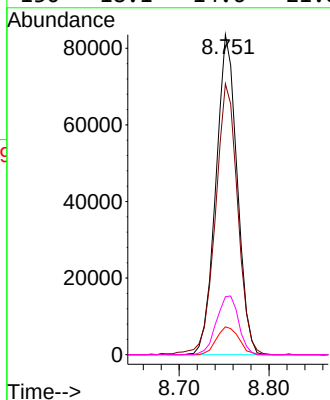
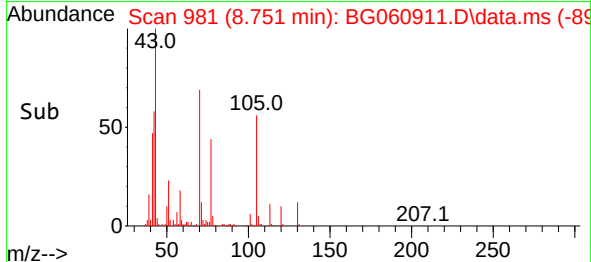
Instrument :
BNA_G
ClientSampleId :
PB160246BS



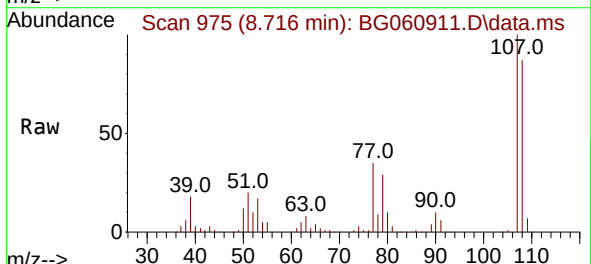
Tgt Ion: 70 Resp: 137272
Ion Ratio Lower Upper
70 100
42 84.6 68.4 102.6
101 8.7 6.1 9.1
130 18.1 14.6 21.8

Manual Integrations
APPROVED

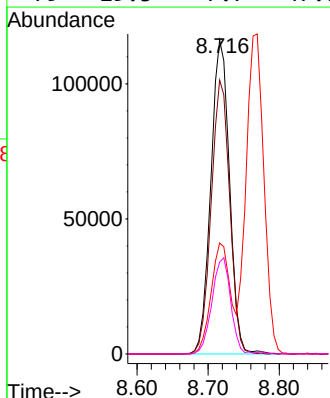
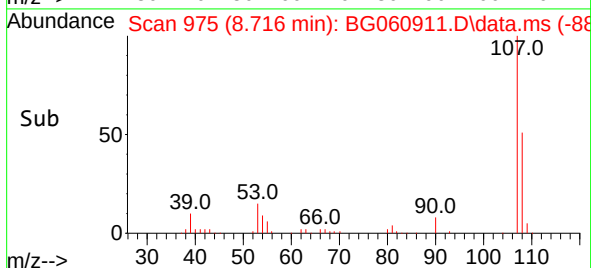
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

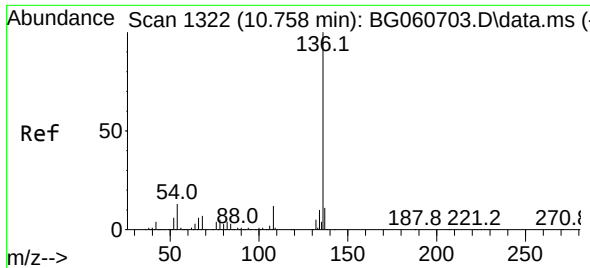


#20
3+4-Methylphenols
Concen: 39.373 ng
RT: 8.716 min Scan# 975
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10



Tgt Ion:107 Resp: 211918
Ion Ratio Lower Upper
107 100
108 87.2 62.2 102.2
77 35.3 14.1 54.1
79 29.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

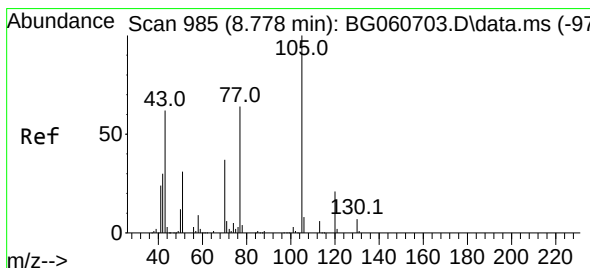
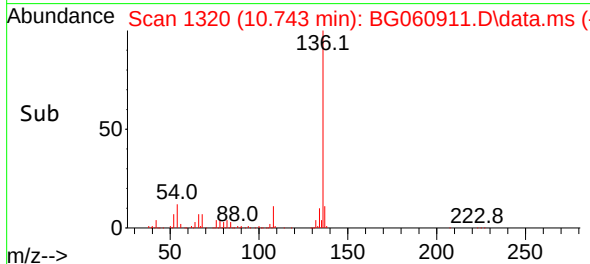
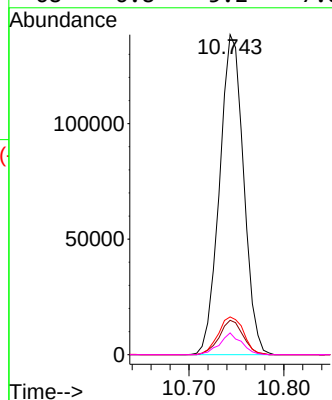
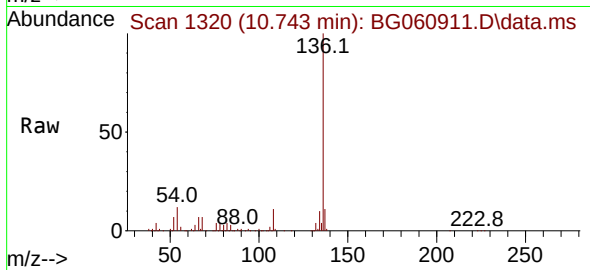
PB160246BS

Tgt Ion:136 Resp: 24415
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.8 10.2 15.2
68 6.8 5.2 7.8

Manual Integrations

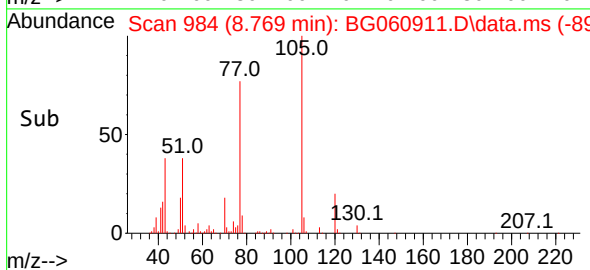
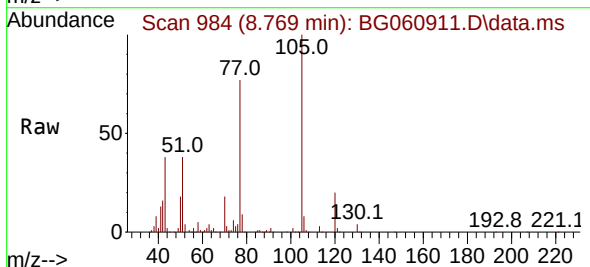
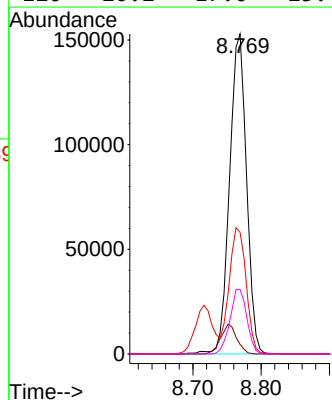
APPROVED

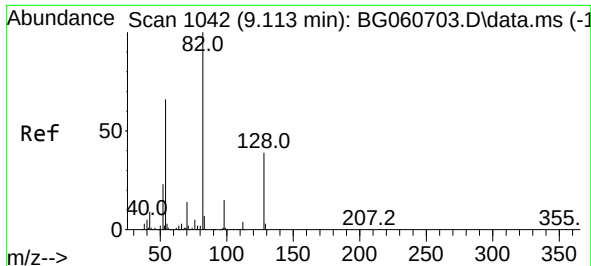
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#22
Acetophenone
Concen: 39.279 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:105 Resp: 264440
Ion Ratio Lower Upper
105 100
71 3.0 4.9 7.3#
51 38.1 31.1 46.7
120 20.2 17.0 25.4





#23
Nitrobenzene-d5
Concen: 91.516 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

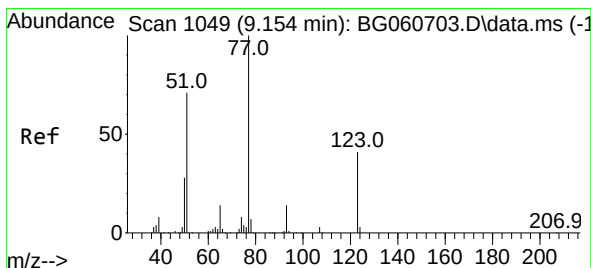
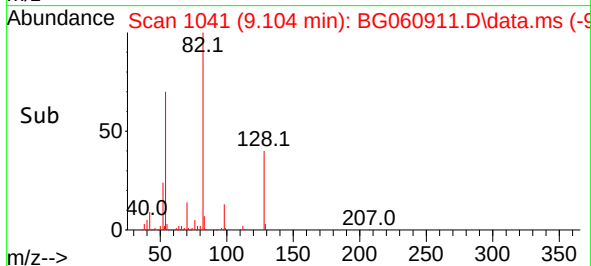
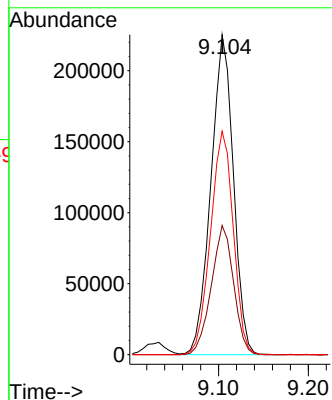
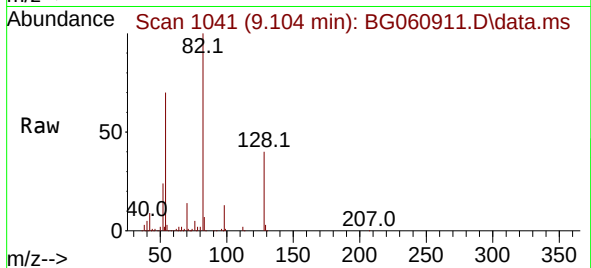
Tgt Ion: 82 Resp: 391580
Ion Ratio Lower Upper
82 100
128 40.3 31.2 46.8
54 69.8 53.2 79.8

Manual Integrations

APPROVED

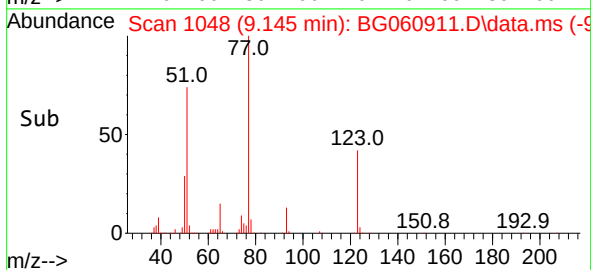
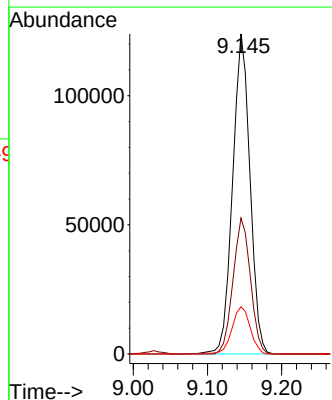
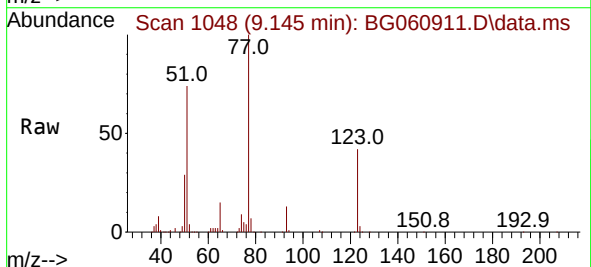
Reviewed By :Yogesh Patel 04/17/2024

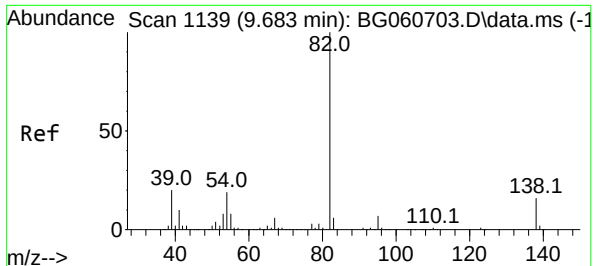
Supervised By :mohammad ahmed 04/18/2024



#24
Nitrobenzene
Concen: 42.606 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

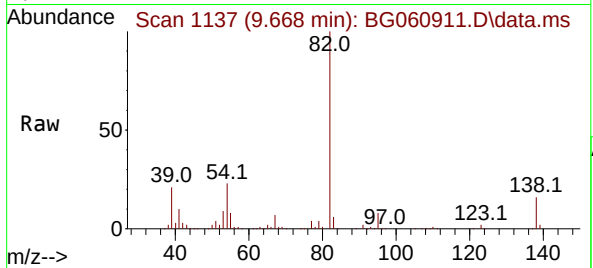
Tgt Ion: 77 Resp: 201353
Ion Ratio Lower Upper
77 100
123 42.4 32.7 49.1
65 14.8 11.3 16.9





#25
Isophorone
Concen: 36.864 ng
RT: 9.668 min Scan# 1137
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

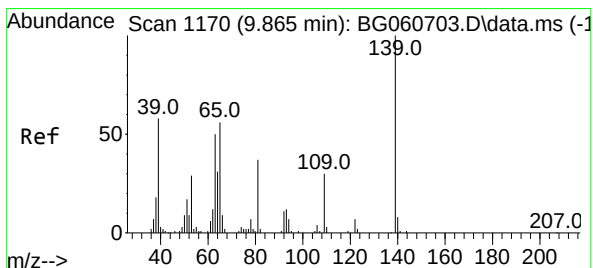
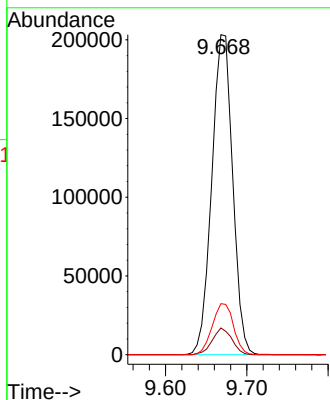
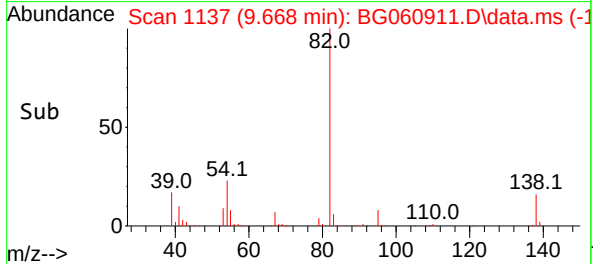
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion: 82 Resp: 363304
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 16.0 13.0 19.4

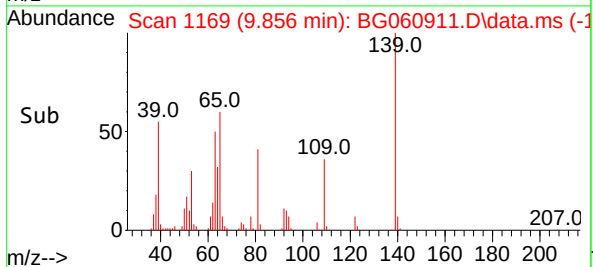
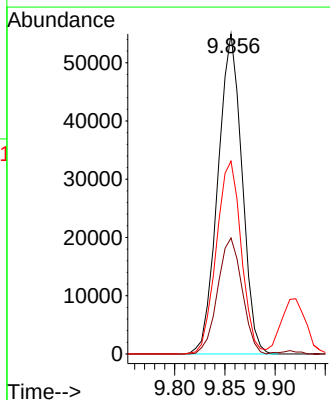
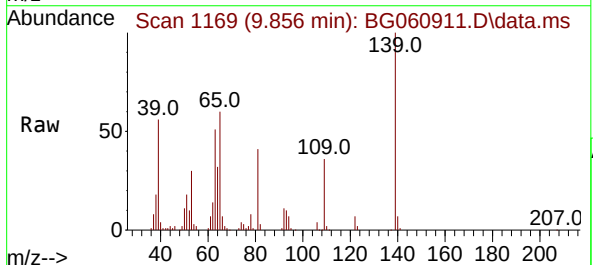
Manual Integrations
APPROVED

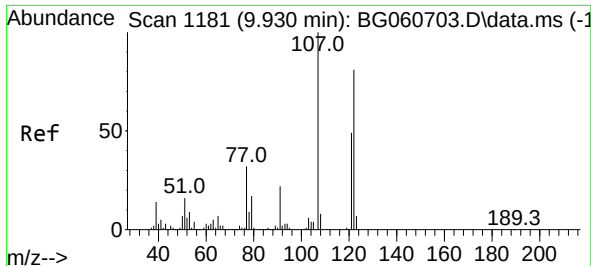
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#26
2-Nitrophenol
Concen: 53.668 ng
RT: 9.856 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:139 Resp: 91703
Ion Ratio Lower Upper
139 100
109 36.3 23.9 35.9#
65 60.3 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 32.331 ng

RT: 9.921 min Scan# 1181

Delta R.T. -0.009 min

Lab File: BG060911.D

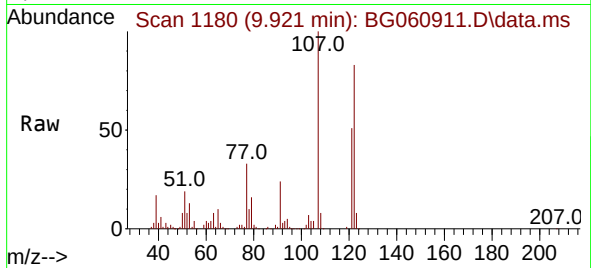
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



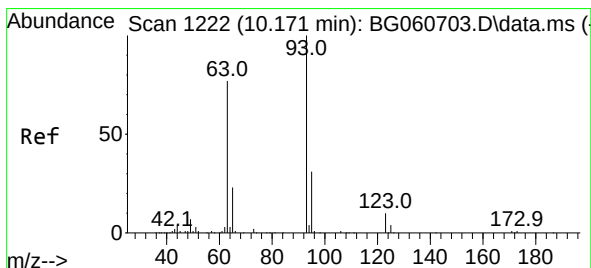
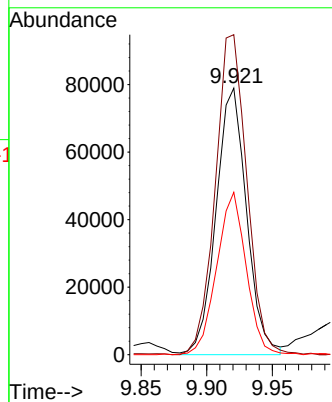
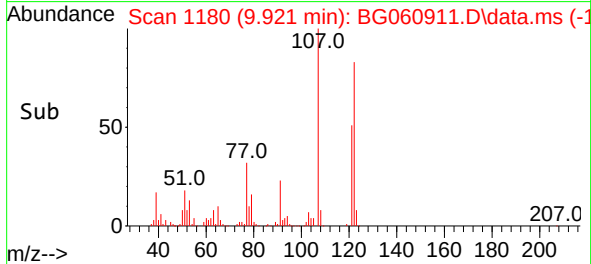
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.0	98.6	147.8
121	60.9	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 36.894 ng

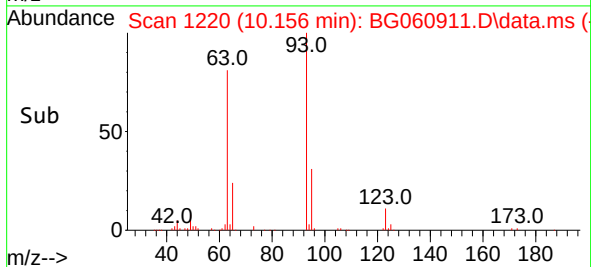
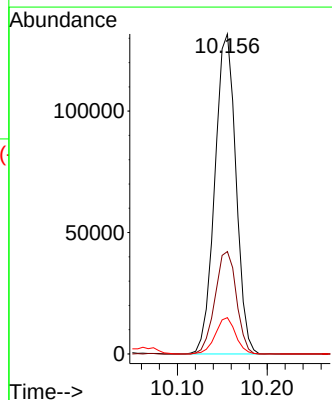
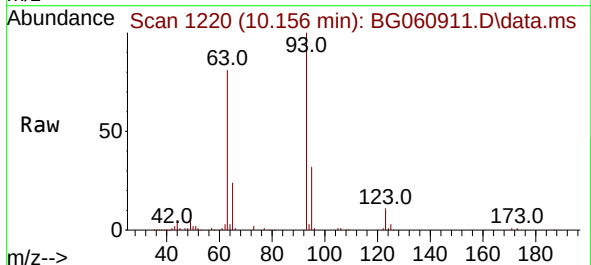
RT: 10.156 min Scan# 1220

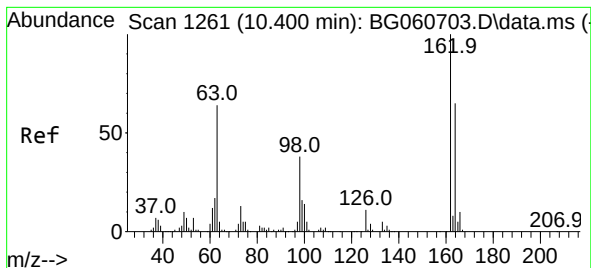
Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.1	37.7
123	11.3	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 47.322 ng
RT: 10.391 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

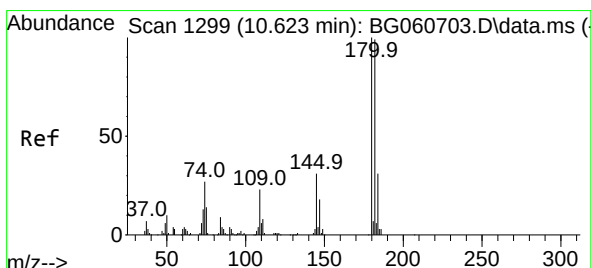
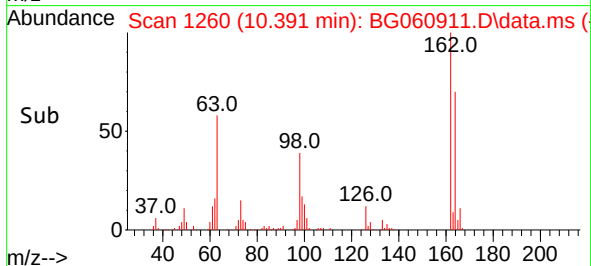
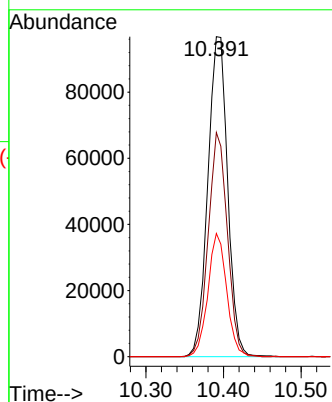
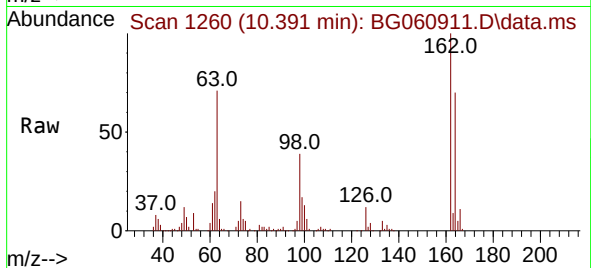
PB160246BS

Tgt Ion:162 Resp: 17203
Ion Ratio Lower Upper
162 100
164 70.0 45.2 85.2
98 38.5 17.7 57.7

Manual Integrations

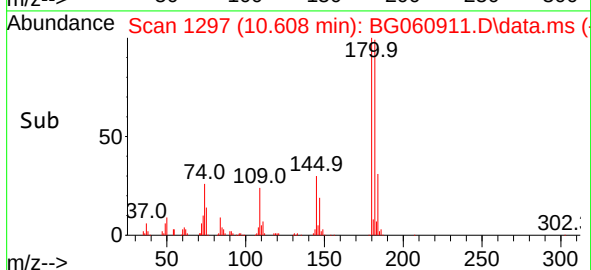
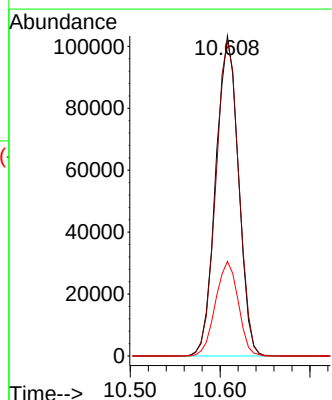
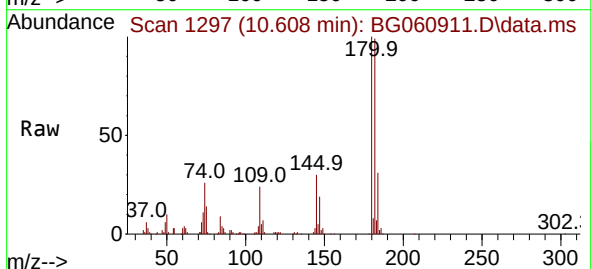
APPROVED

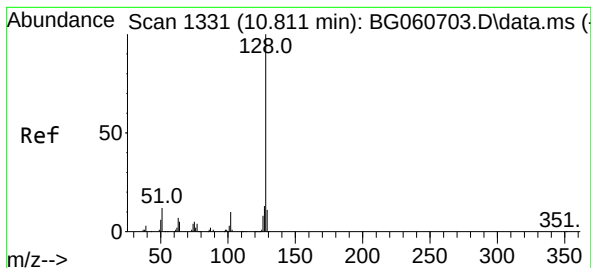
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.963 ng
RT: 10.608 min Scan# 1297
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:180 Resp: 180974
Ion Ratio Lower Upper
180 100
182 98.6 79.0 118.4
145 29.5 24.9 37.3





#31
Naphthalene
Concen: 38.156 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

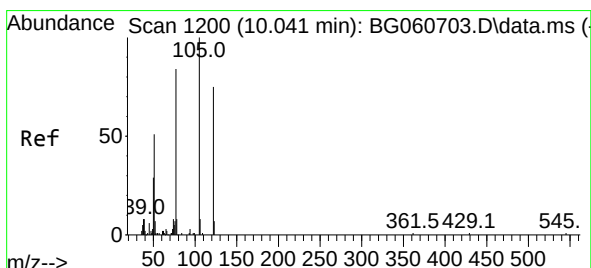
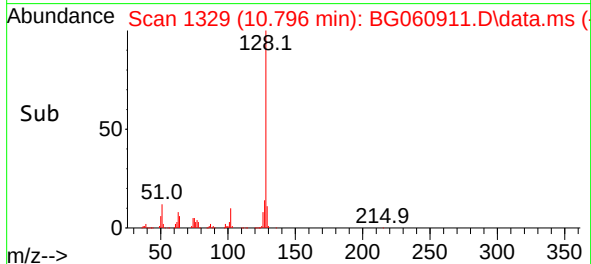
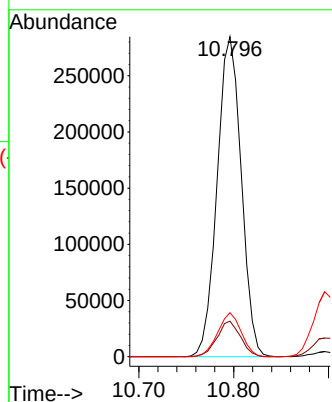
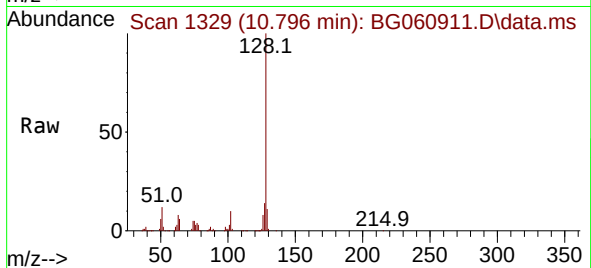
PB160246BS

Tgt Ion:128 Resp: 50393
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.8 10.5 15.7

Manual Integrations

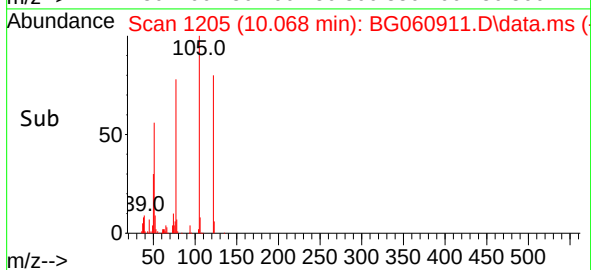
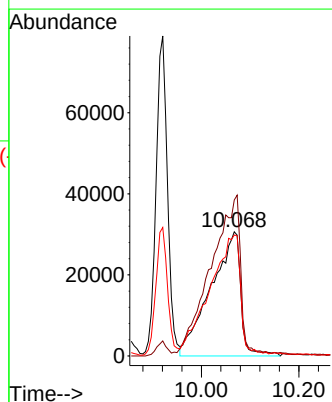
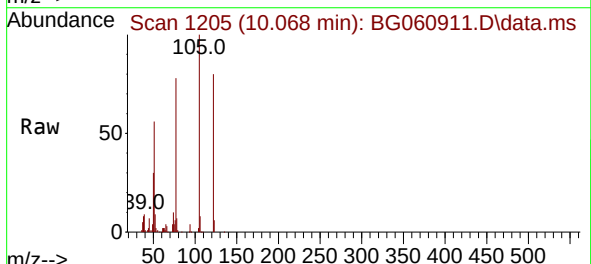
APPROVED

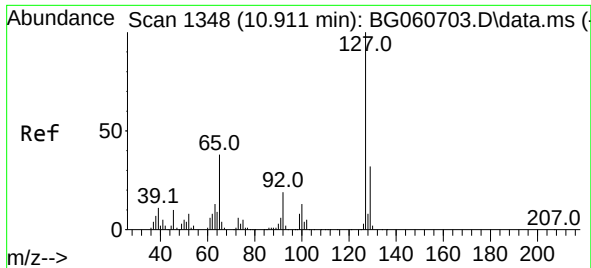
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#32
Benzoic acid
Concen: 49.113 ng
RT: 10.068 min Scan# 1205
Delta R.T. 0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:122 Resp: 129849
Ion Ratio Lower Upper
122 100
105 125.7 104.5 144.5
77 97.5 85.3 125.3





#33
4-Chloroaniline
Concen: 17.444 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

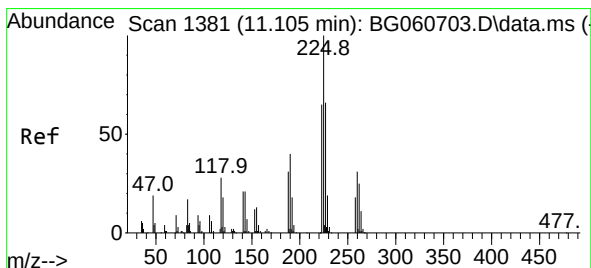
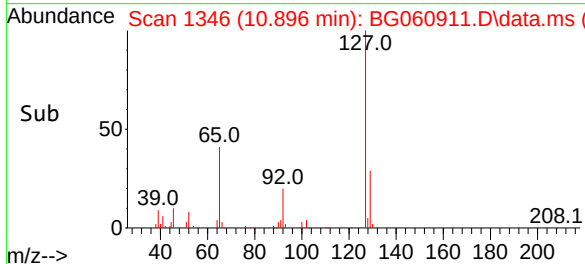
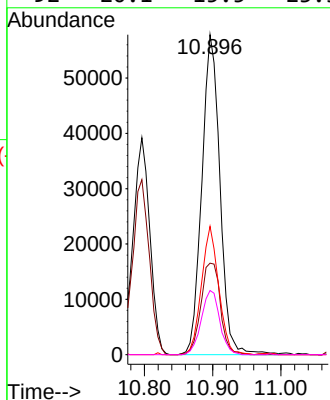
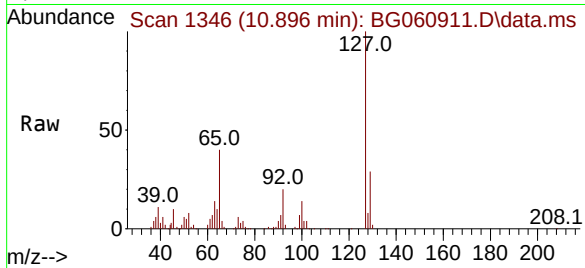
Tgt Ion:127 Resp: 107010
Ion Ratio Lower Upper
127 100
129 28.6 25.3 37.9
65 40.1 30.2 45.2
92 20.1 15.5 23.3

Manual Integrations

APPROVED

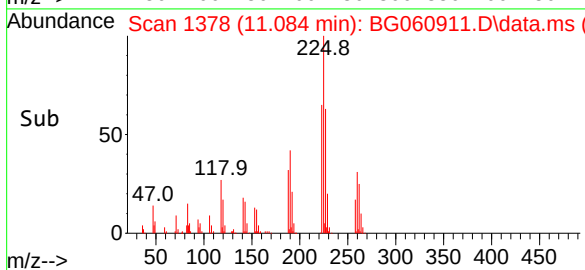
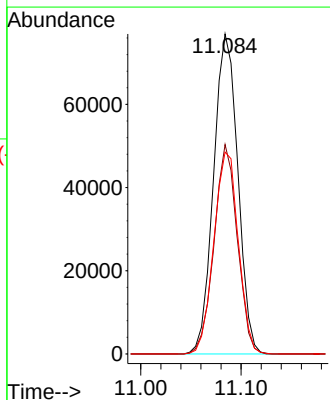
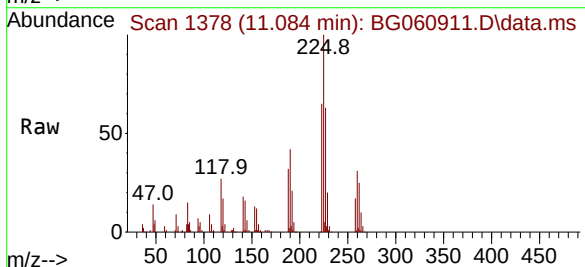
Reviewed By :Yogesh Patel 04/17/2024

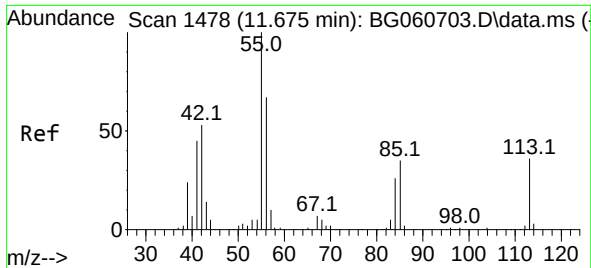
Supervised By :mohammad ahmed 04/18/2024



#34
Hexachlorobutadiene
Concen: 47.047 ng
RT: 11.084 min Scan# 1378
Delta R.T. -0.021 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:225 Resp: 129072
Ion Ratio Lower Upper
225 100
223 65.5 52.0 78.0
227 63.1 52.5 78.7





#35
 Caprolactam
 Concen: 39.309 ng m
 RT: 11.677 min Scan# 1478
 Delta R.T. 0.003 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

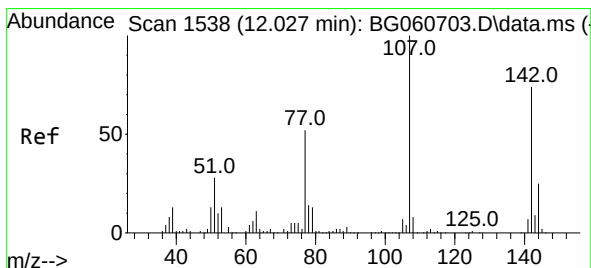
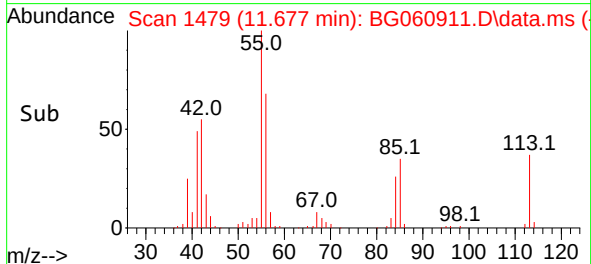
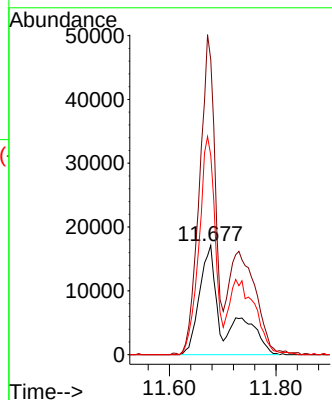
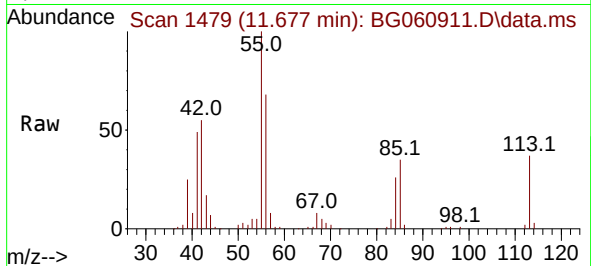
PB160246BS

Tgt Ion:113 Resp: 5659
 Ion Ratio Lower Upper
 113 100
 55 270.1 258.0 298.0
 56 182.4 166.3 206.3

Manual Integrations

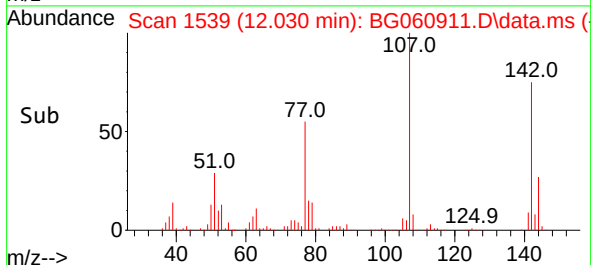
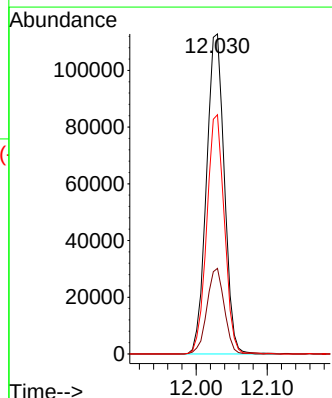
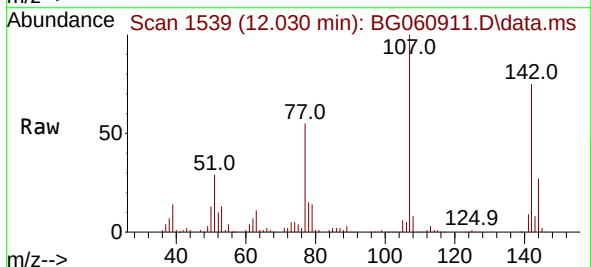
APPROVED

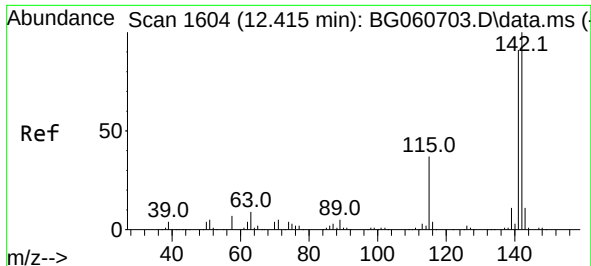
Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024



#36
 4-Chloro-3-methylphenol
 Concen: 42.474 ng
 RT: 12.030 min Scan# 1539
 Delta R.T. 0.003 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Tgt Ion:107 Resp: 197254
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.0 30.0
 142 74.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.000 ng

RT: 12.400 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

Tgt Ion:142 Resp: 36898

Ion Ratio Lower Upper

142 100

141 91.9 72.7 109.1

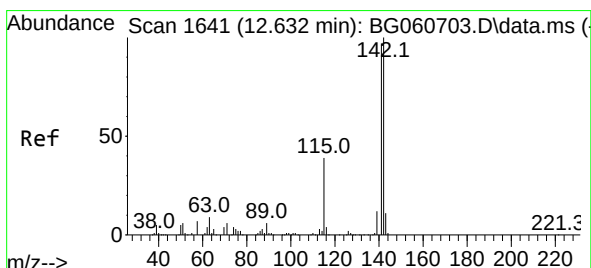
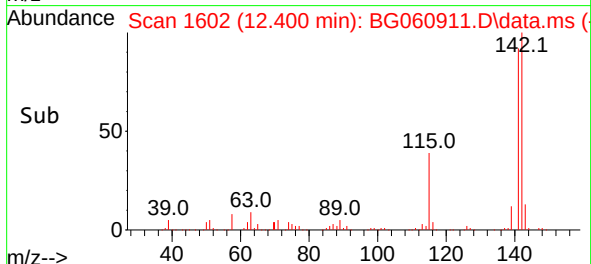
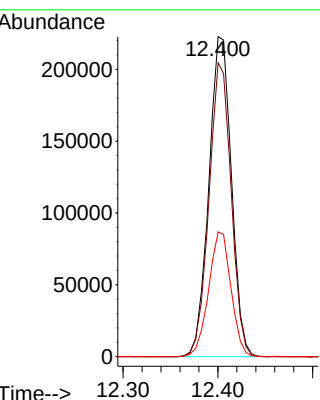
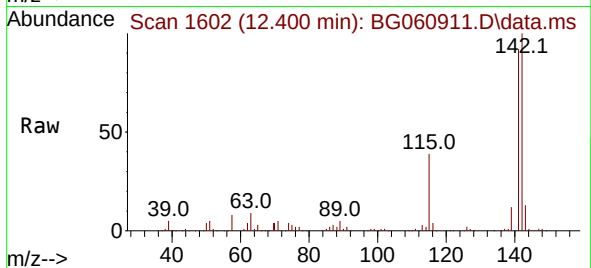
115 39.0 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#38

1-Methylnaphthalene

Concen: 37.113 ng

RT: 12.623 min Scan# 1640

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

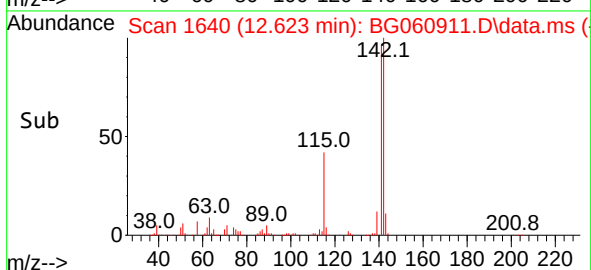
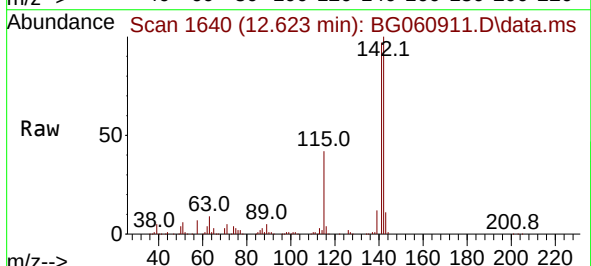
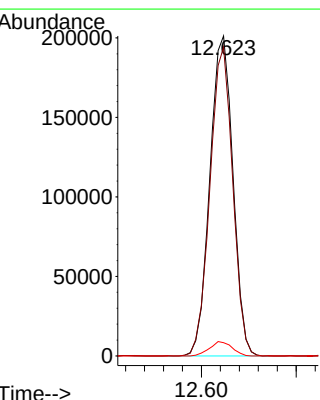
Tgt Ion:142 Resp: 340441

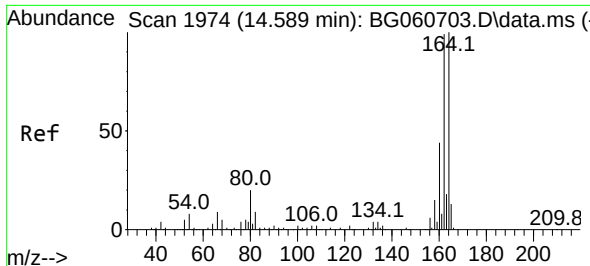
Ion Ratio Lower Upper

142 100

141 96.5 77.7 116.5

116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

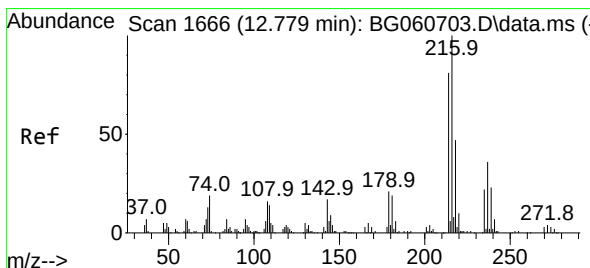
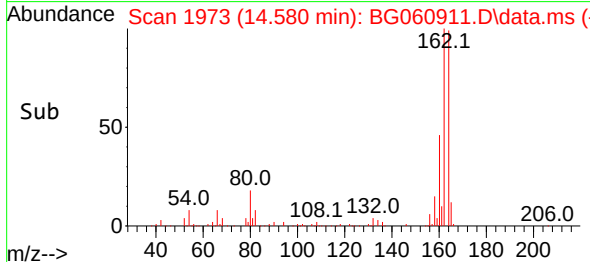
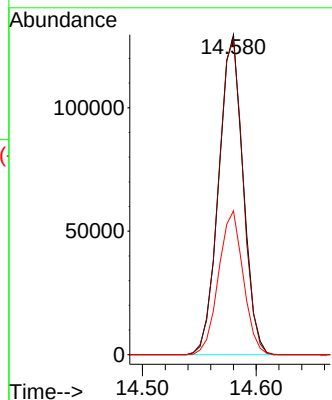
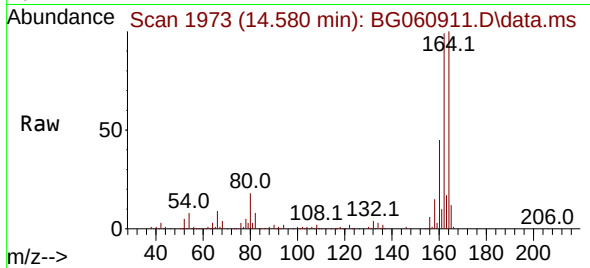
ClientSampleId :

PB160246BS

Tgt Ion:164 Resp: 192890
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.9 35.4 53.0

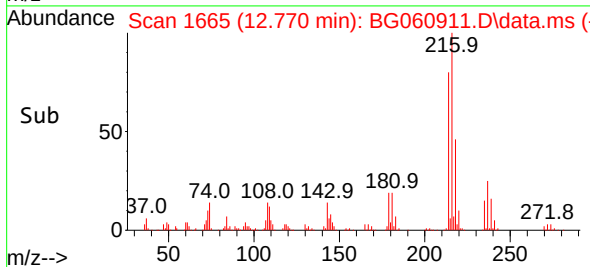
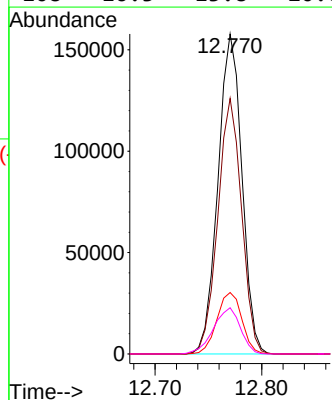
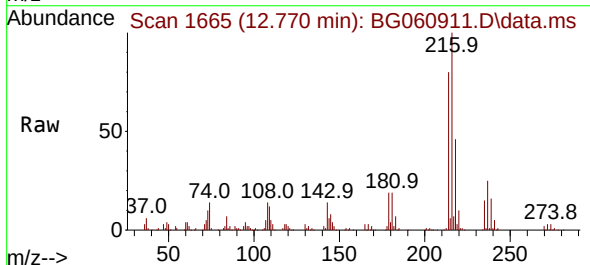
Manual Integrations
APPROVED

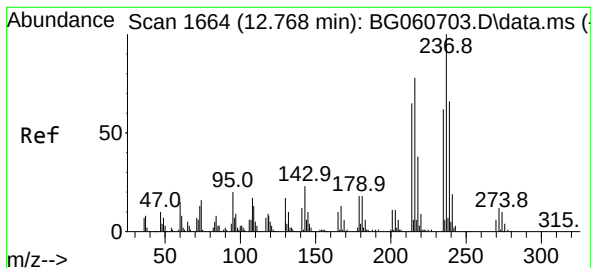
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.291 ng
RT: 12.770 min Scan# 1665
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:216 Resp: 245617
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 20.0 16.7 25.1
108 16.3 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 89.701 ng

RT: 12.753 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

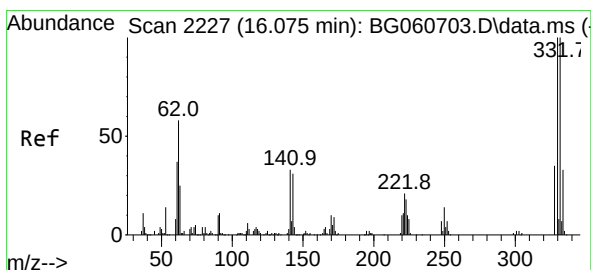
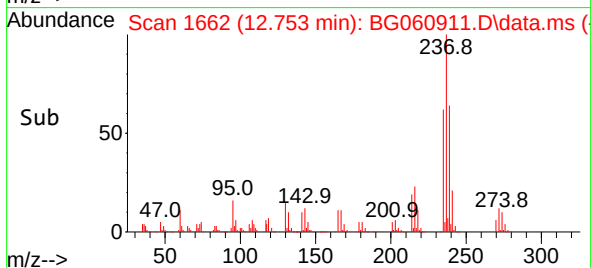
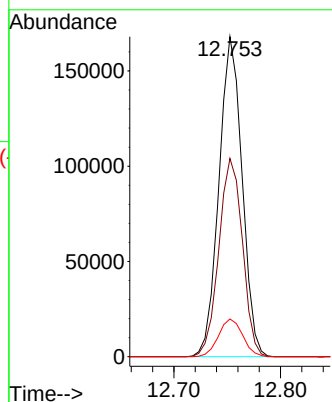
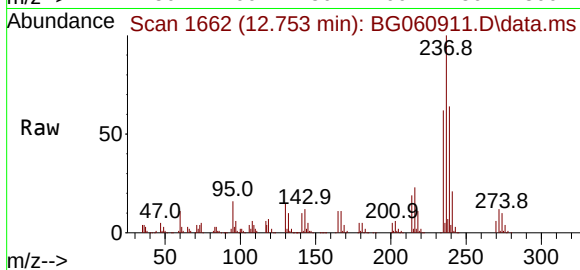
Tgt Ion:	237	Resp:	25293
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.0	82.0
272	11.8	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#42

2,4,6-Tribromophenol

Concen: 163.998 ng

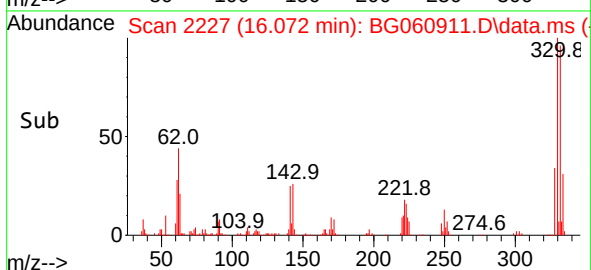
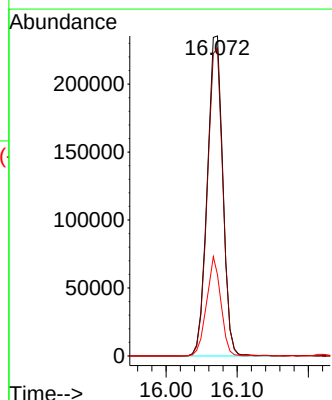
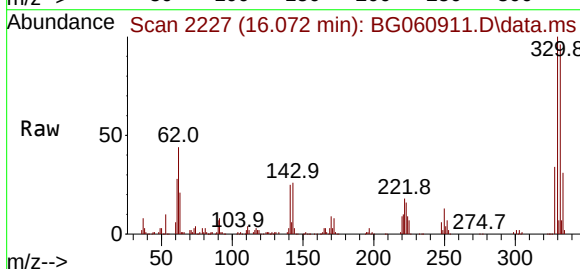
RT: 16.072 min Scan# 2227

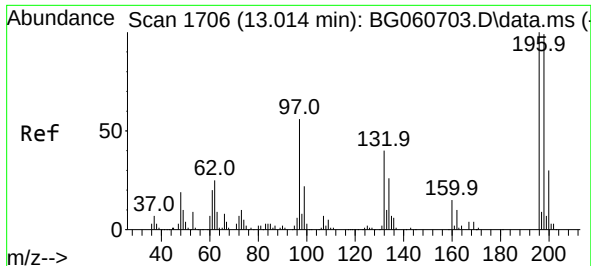
Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:	330	Resp:	359103
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.2	117.4
141	28.4	27.0	40.6





#43
2,4,6-Trichlorophenol
Concen: 48.238 ng
RT: 13.011 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

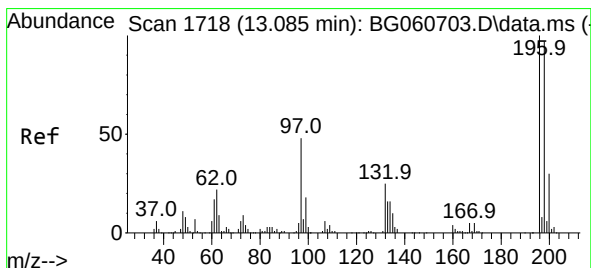
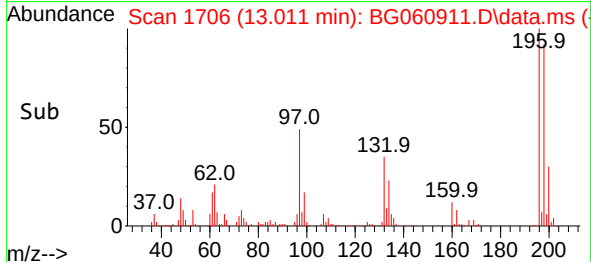
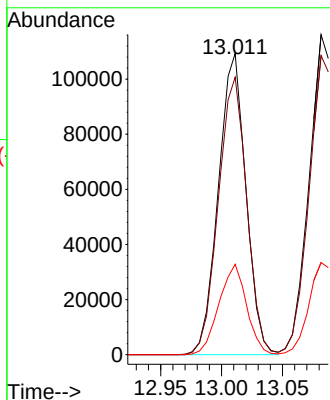
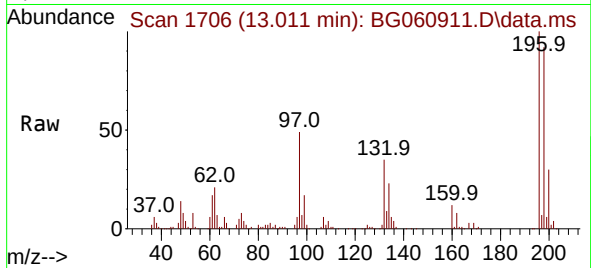
PB160246BS

Tgt Ion:196 Resp: 172249
Ion Ratio Lower Upper
196 100
198 92.1 79.1 118.7
200 30.0 24.0 36.0

Manual Integrations

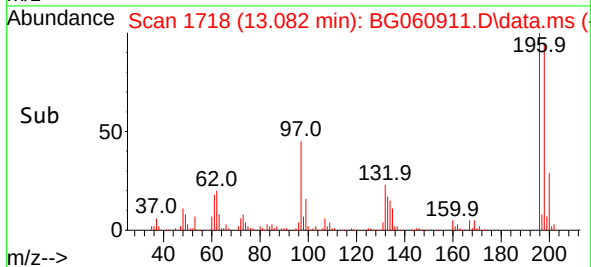
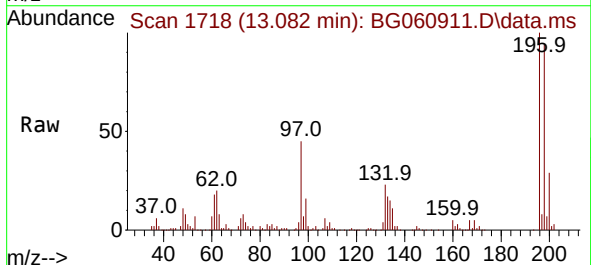
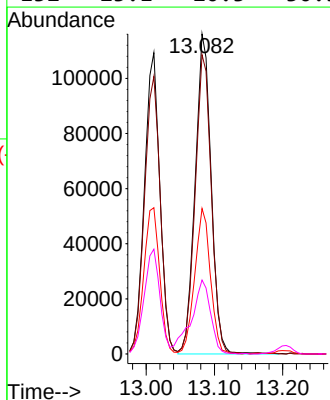
APPROVED

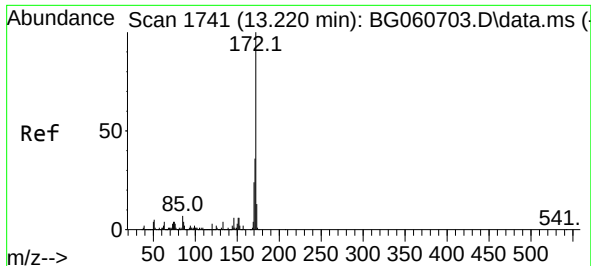
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#44
2,4,5-Trichlorophenol
Concen: 44.279 ng
RT: 13.082 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:196 Resp: 188691
Ion Ratio Lower Upper
196 100
198 93.5 77.8 116.8
97 45.5 38.2 57.4
132 23.1 20.3 30.5





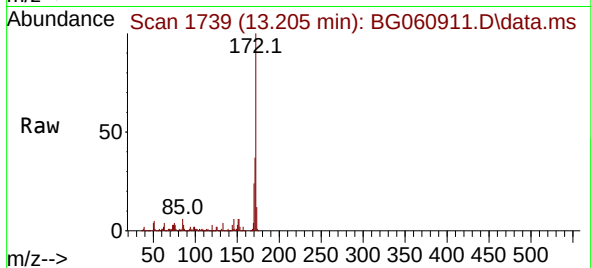
#45
2-Fluorobiphenyl
Concen: 76.161 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



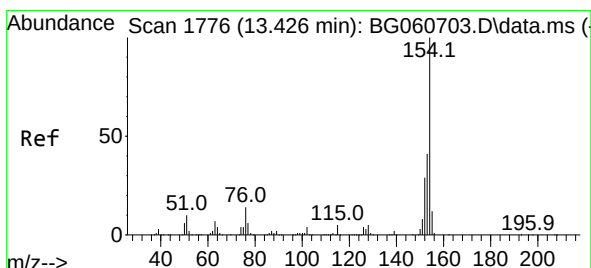
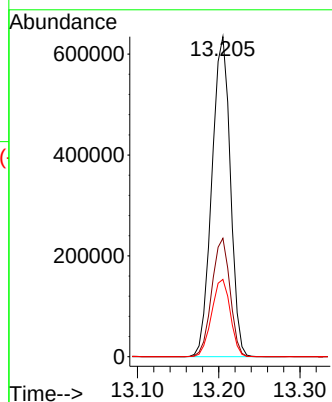
Tgt Ion:172 Resp: 100101
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 24.1 19.4 29.0

Manual Integrations

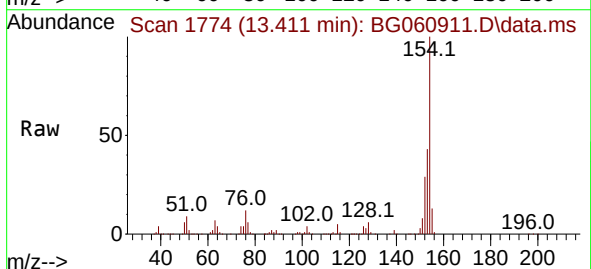
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

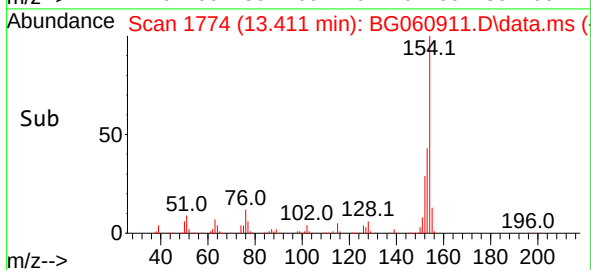
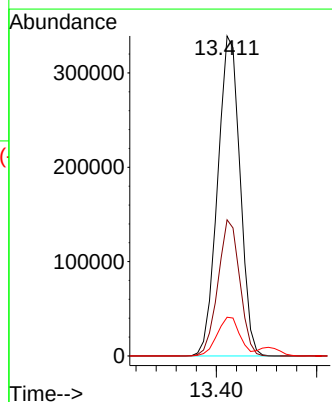
Supervised By :mohammad ahmed 04/18/2024

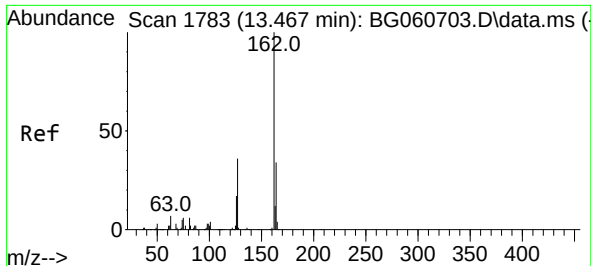


#46
1,1'-Biphenyl
Concen: 38.483 ng
RT: 13.411 min Scan# 1774
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10



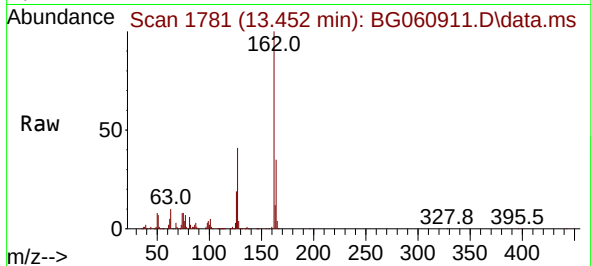
Tgt Ion:154 Resp: 524328
Ion Ratio Lower Upper
154 100
153 42.5 20.8 60.8
76 12.1 0.0 33.9





#47
2-Chloronaphthalene
Concen: 39.728 ng
RT: 13.452 min Scan# 1781
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

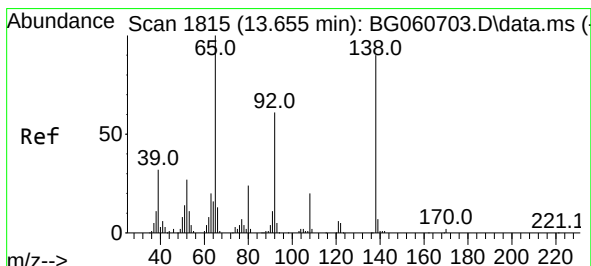
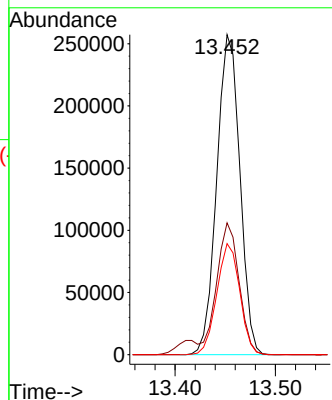
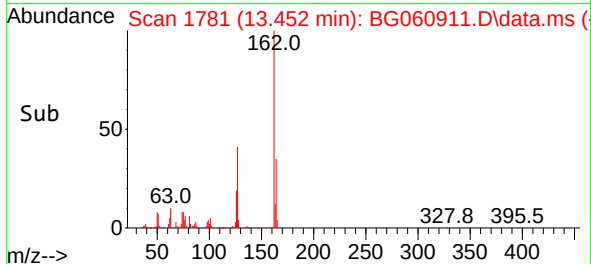
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:162 Resp: 41126
Ion Ratio Lower Upper
162 100
127 41.2 30.6 46.0
164 34.7 26.9 40.3

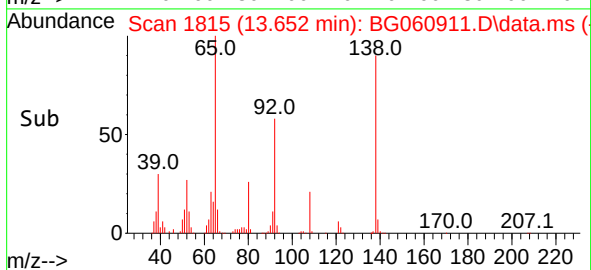
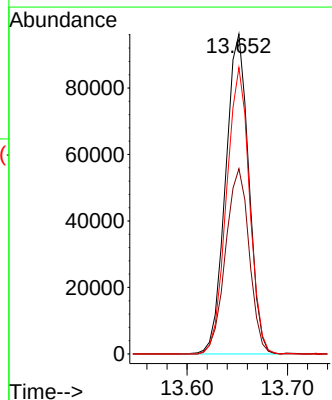
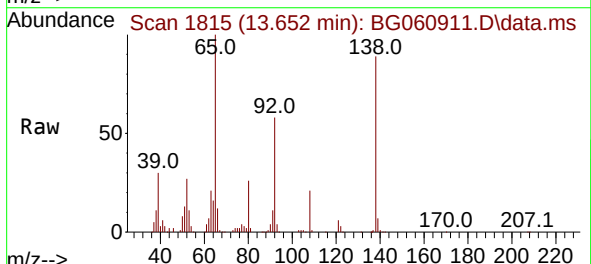
Manual Integrations
APPROVED

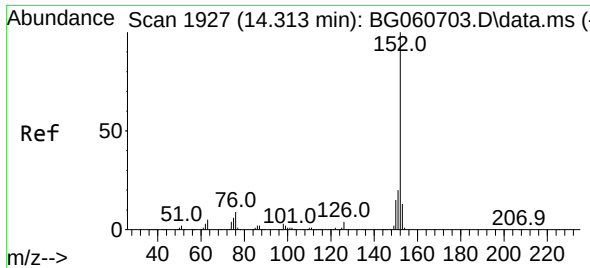
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#48
2-Nitroaniline
Concen: 46.233 ng
RT: 13.652 min Scan# 1815
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion: 65 Resp: 154135
Ion Ratio Lower Upper
65 100
92 57.9 48.6 72.8
138 89.5 72.2 108.4





#49
Acenaphthylene
Concen: 39.406 ng
RT: 14.298 min Scan# 1925
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

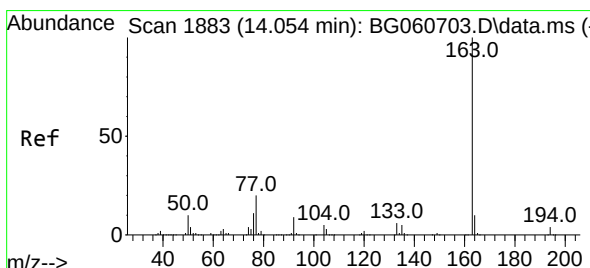
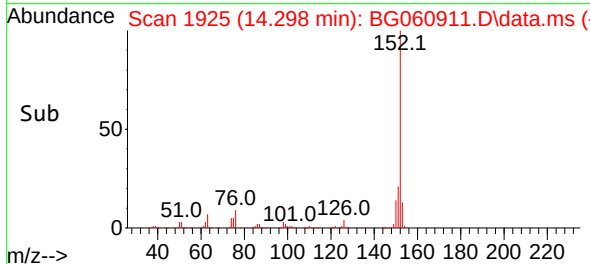
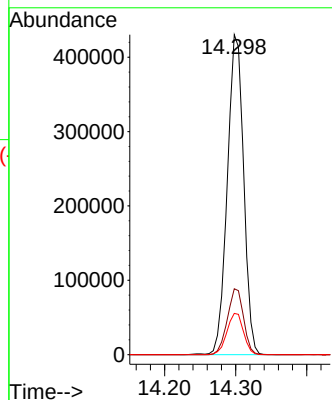
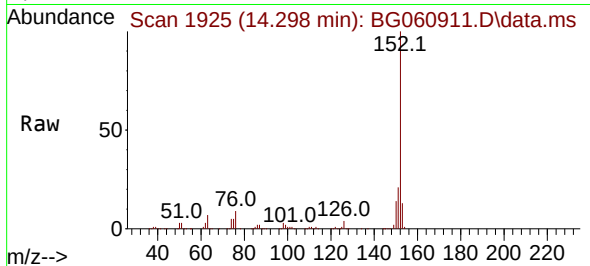
ClientSampleId :

PB160246BS

Tgt Ion:152 Resp: 685419
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 12.9 10.5 15.7

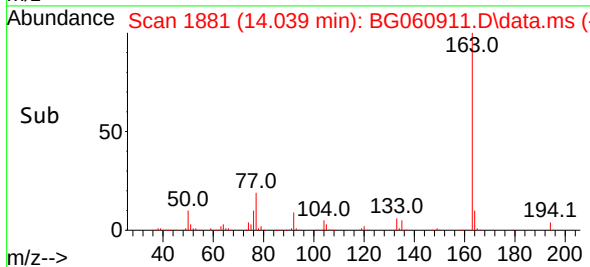
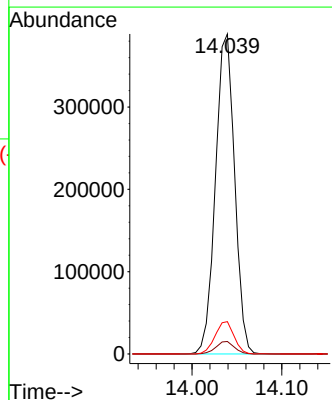
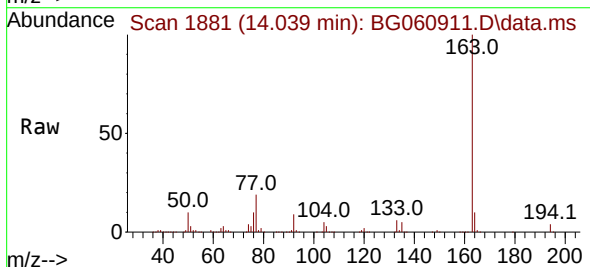
Manual Integrations
APPROVED

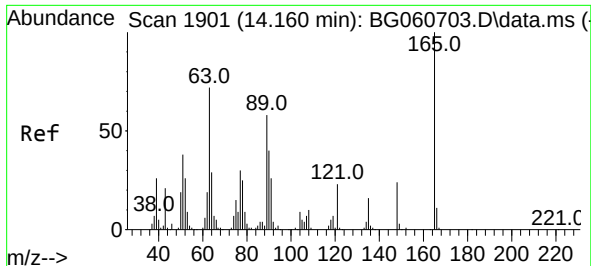
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#50
Dimethylphthalate
Concen: 37.708 ng
RT: 14.039 min Scan# 1881
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:163 Resp: 574918
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.589 ng
RT: 14.151 min Scan# 1900
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

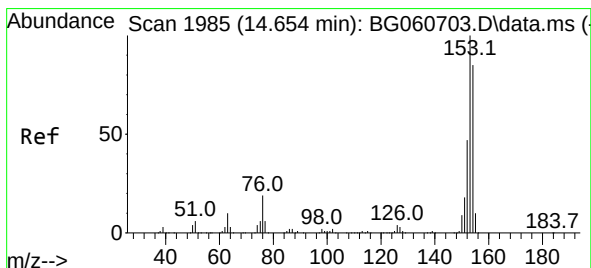
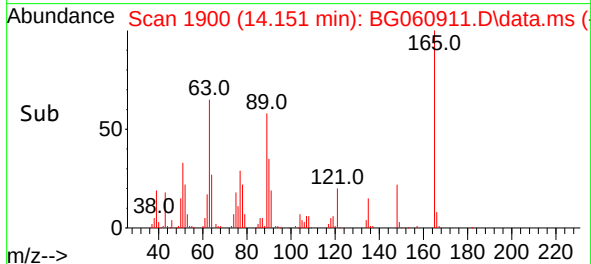
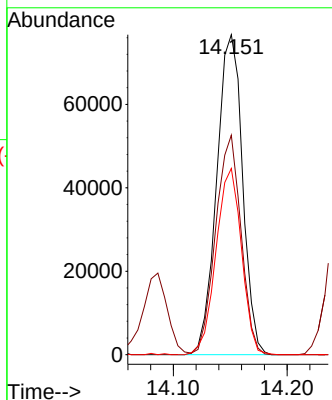
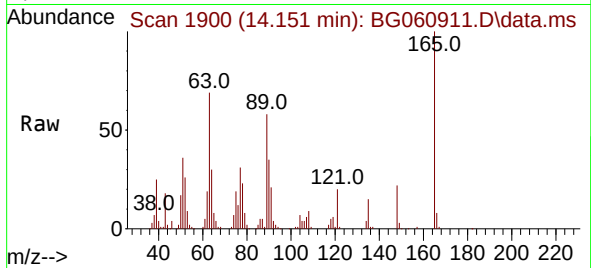
ClientSampleId :

PB160246BS

Tgt Ion:165 Resp: 12099
Ion Ratio Lower Upper
165 100
63 68.6 58.2 87.4
89 58.2 46.1 69.1

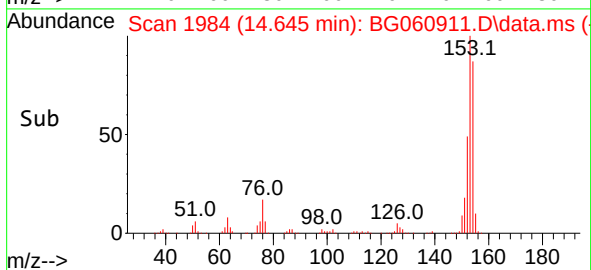
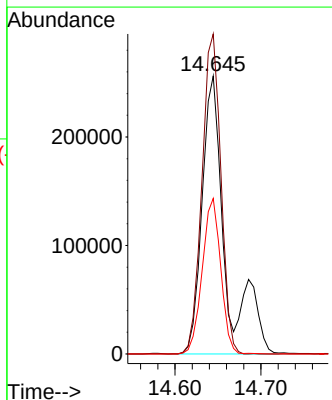
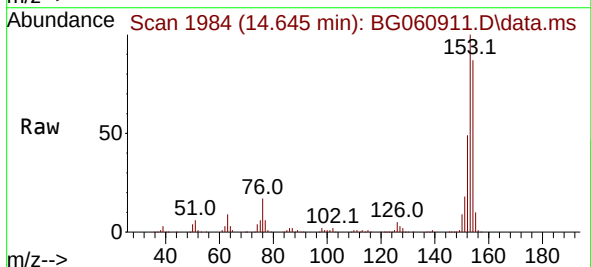
Manual Integrations
APPROVED

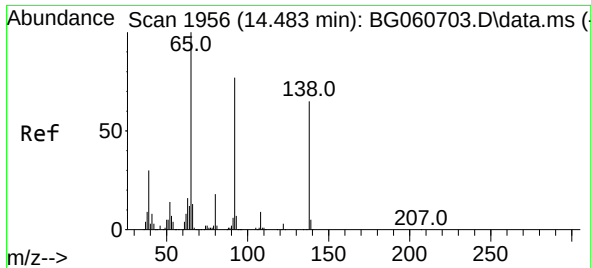
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#52
Acenaphthene
Concen: 44.646 ng m
RT: 14.645 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:154 Resp: 487568
Ion Ratio Lower Upper
154 100
153 115.2 93.9 140.9
152 56.0 44.1 66.1





#53
3-Nitroaniline
Concen: 30.742 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

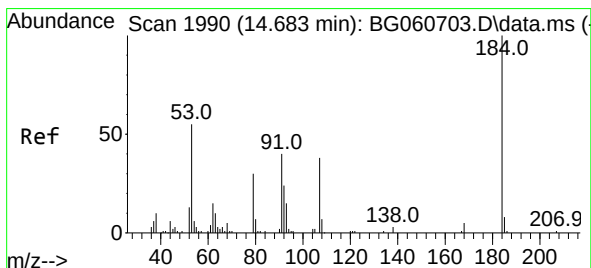
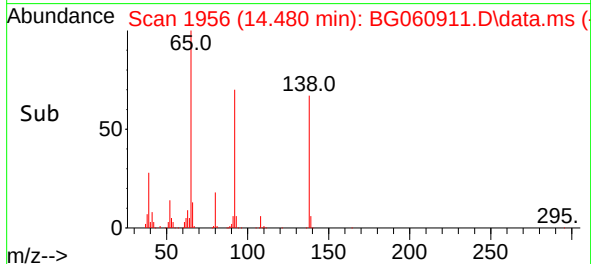
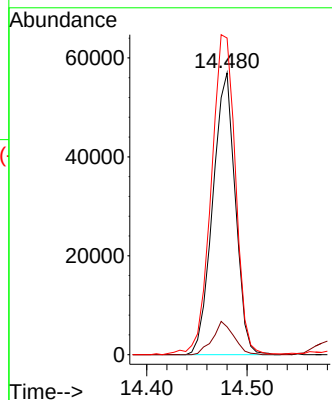
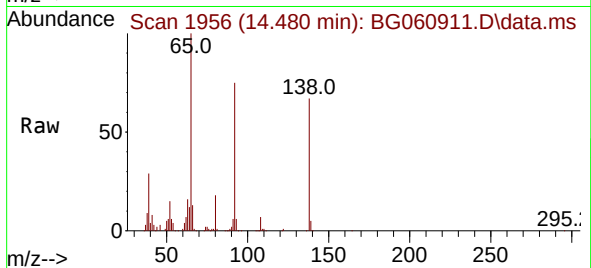
PB160246BS

Tgt Ion:138 Resp: 88798
Ion Ratio Lower Upper
138 100
108 9.9 11.3 16.9
92 112.4 94.1 141.1

Manual Integrations

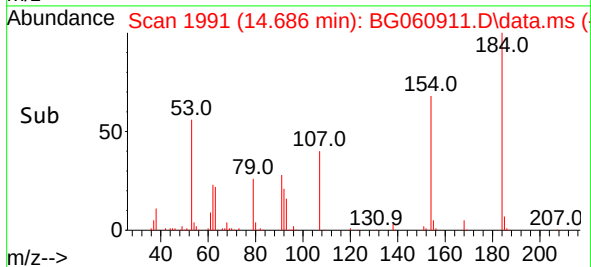
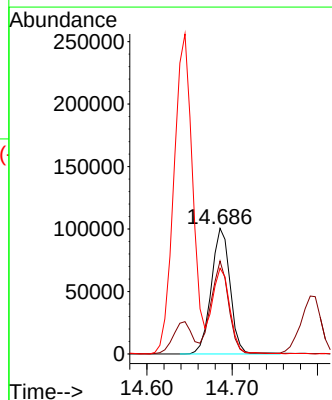
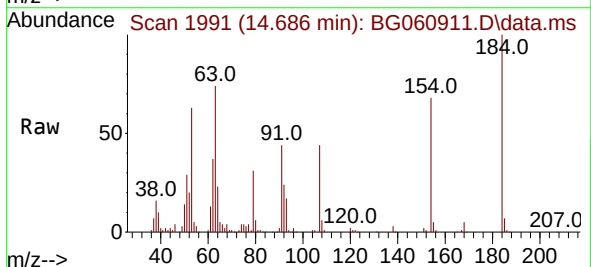
APPROVED

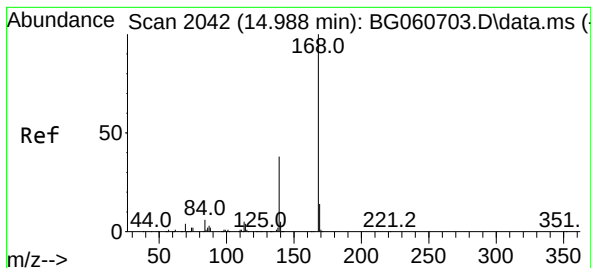
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#54
2,4-Dinitrophenol
Concen: 145.096 ng
RT: 14.686 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:184 Resp: 153984
Ion Ratio Lower Upper
184 100
63 74.0 51.3 76.9
154 68.3 59.9 89.9





#55

Dibenzenofuran

Concen: 38.045 ng

RT: 14.979 min Scan# 20

Delta R.T. -0.009 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

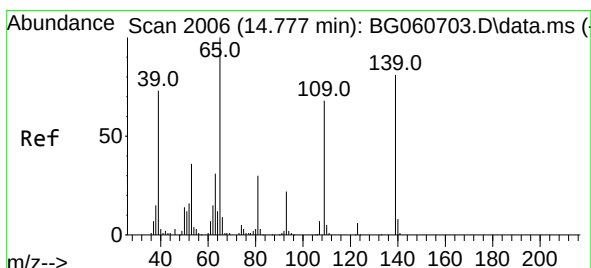
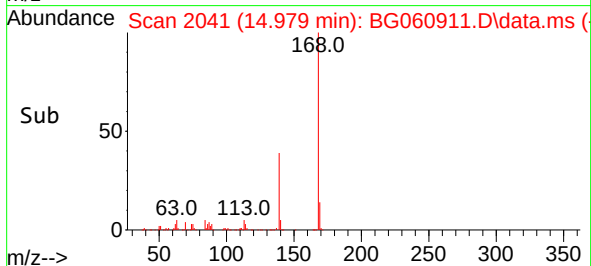
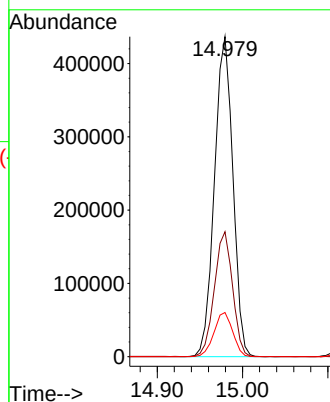
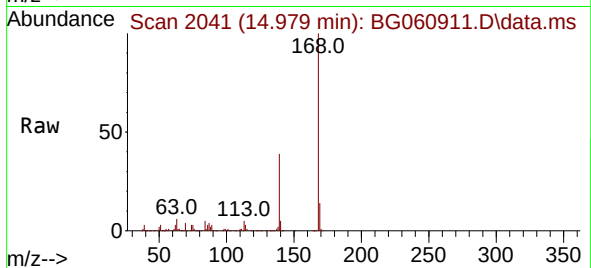
Tgt Ion:168 Resp: 65535
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.8 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#56

4-Nitrophenol

Concen: 93.529 ng

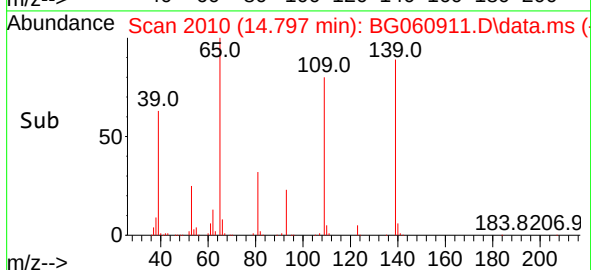
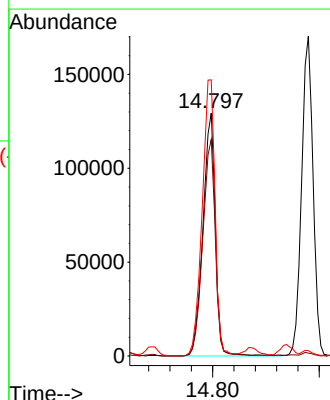
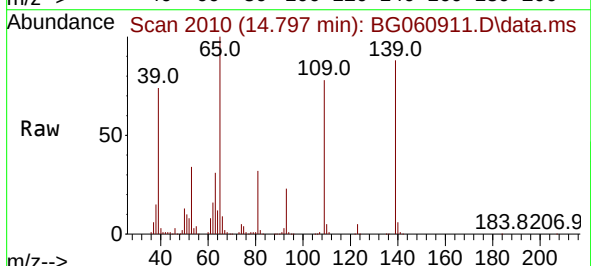
RT: 14.797 min Scan# 2010

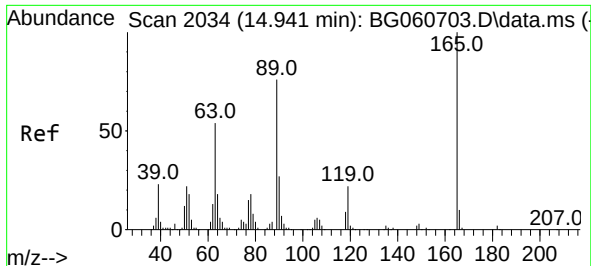
Delta R.T. 0.020 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:139 Resp: 208466
 Ion Ratio Lower Upper
 139 100
 109 89.1 64.0 104.0
 65 113.7 104.3 144.3





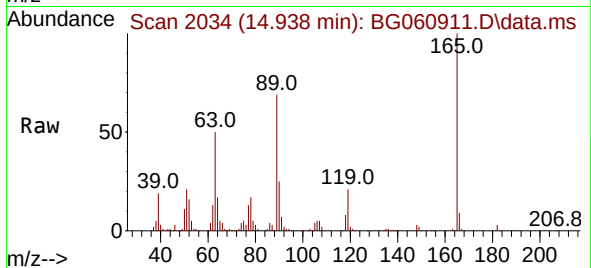
#57
2,4-Dinitrotoluene
Concen: 49.546 ng
RT: 14.938 min Scan# 2034
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

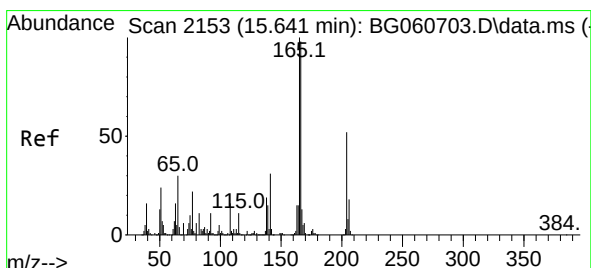
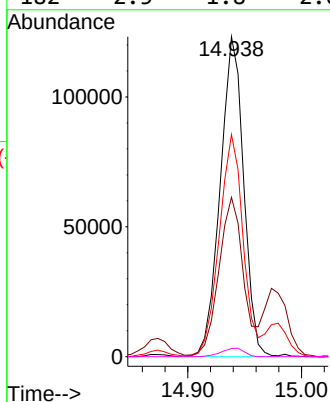
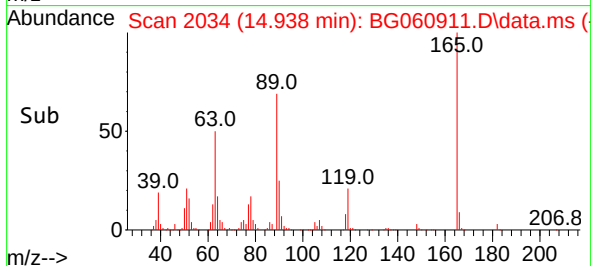


Tgt Ion:165 Resp: 176550
Ion Ratio Lower Upper
165 100
63 49.8 43.4 65.0
89 69.4 61.0 91.6
182 2.5 1.8 2.6

Manual Integrations

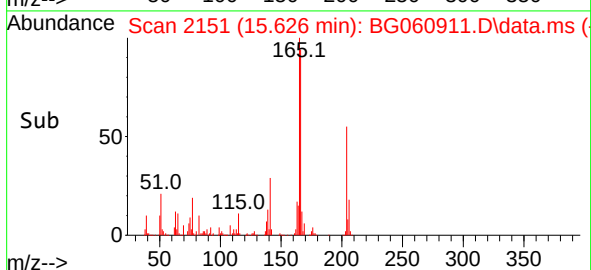
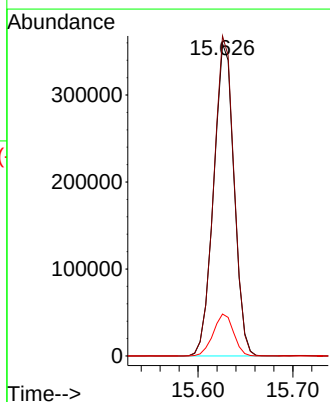
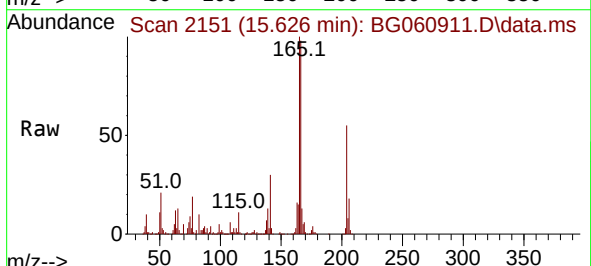
APPROVED

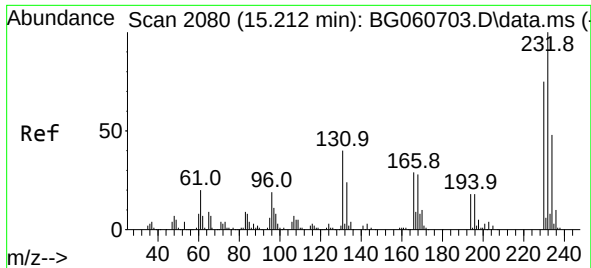
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#58
Fluorene
Concen: 38.862 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:166 Resp: 537268
Ion Ratio Lower Upper
166 100
165 102.4 81.8 122.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.497 ng
RT: 15.203 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

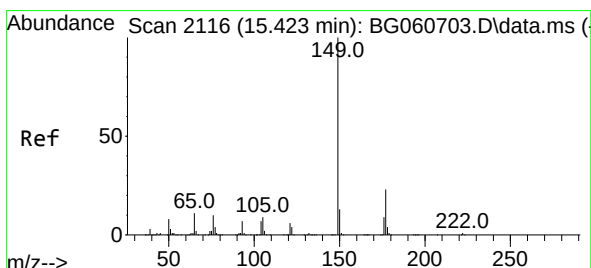
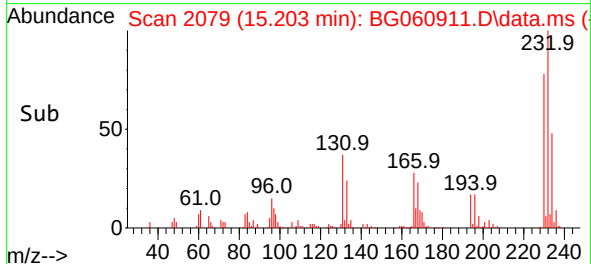
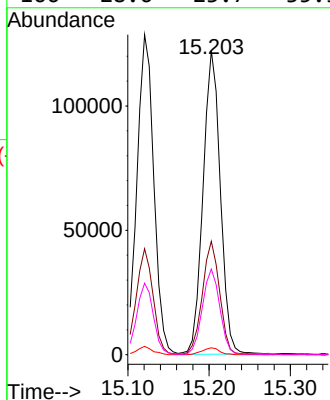
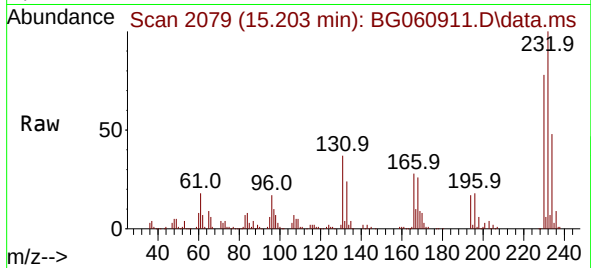
PB160246BS

Tgt Ion:232 Resp: 180104
Ion Ratio Lower Upper
232 100
131 37.6 32.2 48.2
130 2.3 2.1 3.1
166 28.6 23.7 35.5

Manual Integrations

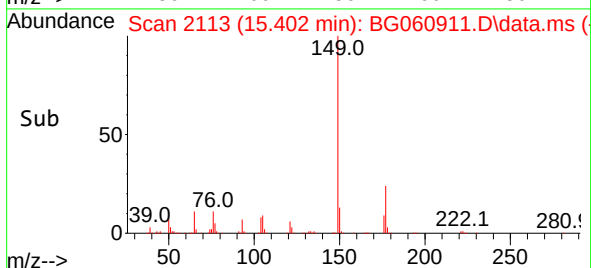
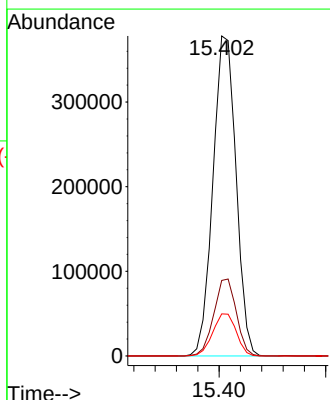
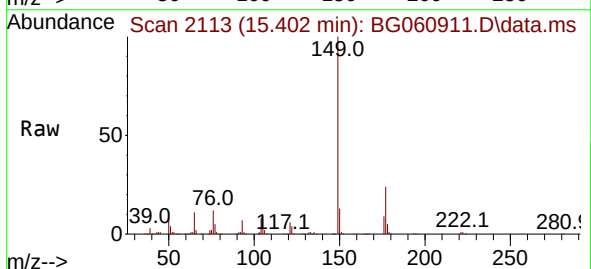
APPROVED

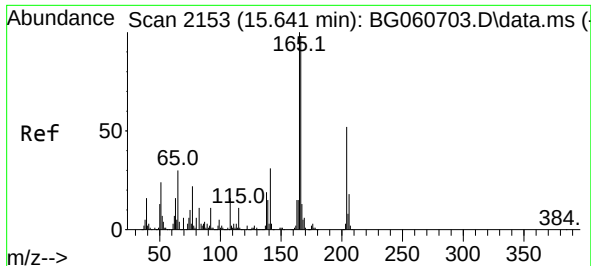
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#60
Diethylphthalate
Concen: 36.997 ng
RT: 15.402 min Scan# 2113
Delta R.T. -0.021 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

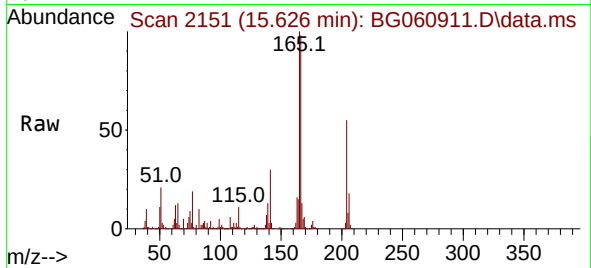
Tgt Ion:149 Resp: 567506
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.631 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

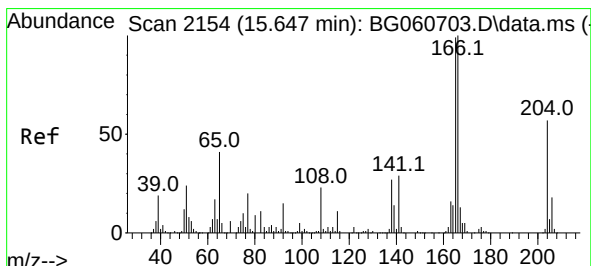
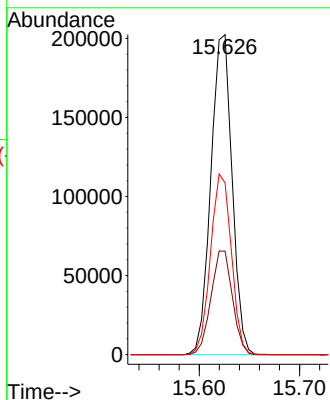
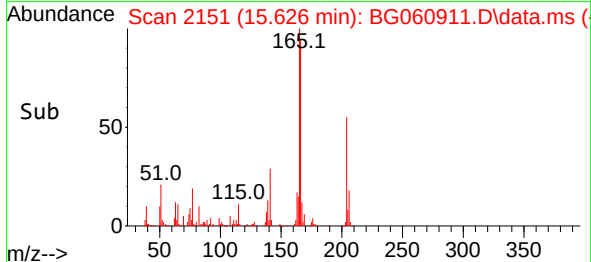
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:204 Resp: 29718
Ion Ratio Lower Upper
204 100
206 32.4 28.3 42.5
141 53.7 47.2 70.8

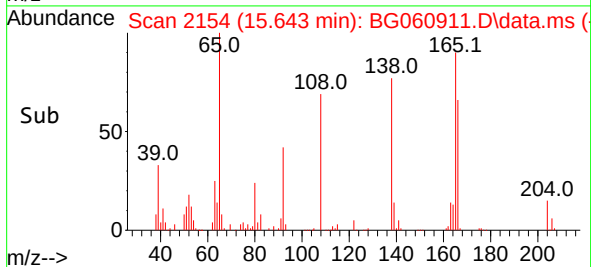
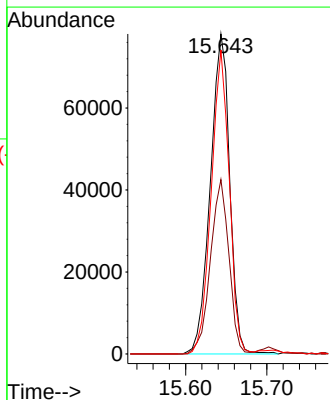
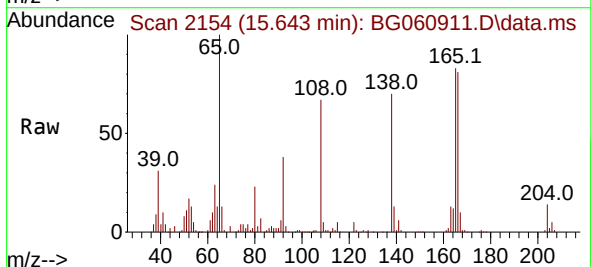
Manual Integrations
APPROVED

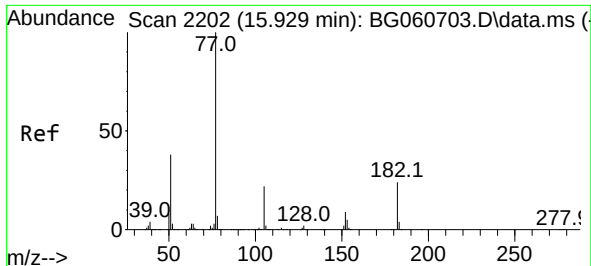
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#62
4-Nitroaniline
Concen: 46.364 ng
RT: 15.643 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:138 Resp: 129242
Ion Ratio Lower Upper
138 100
92 54.5 36.8 76.8
108 95.0 66.9 106.9





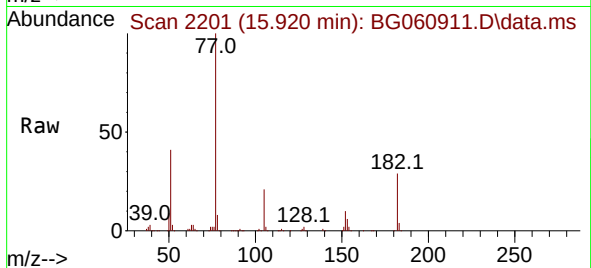
#63
Azobenzene
Concen: 36.011 ng
RT: 15.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



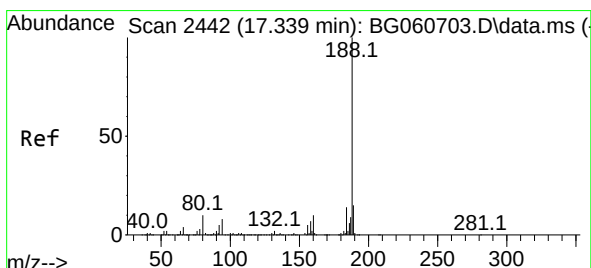
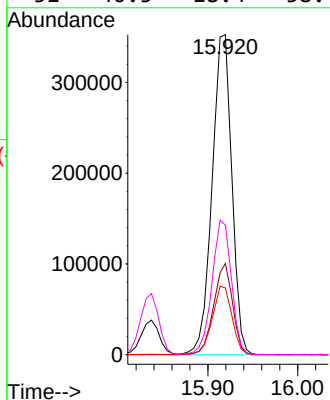
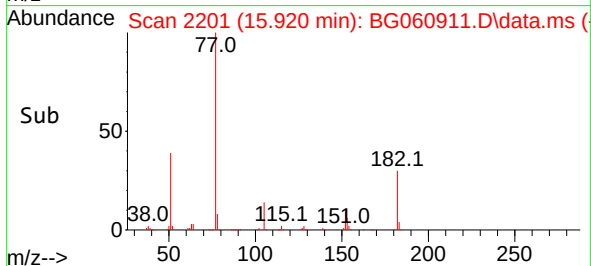
Tgt Ion: 77 Resp: 53826
Ion Ratio Lower Upper
77 100
182 28.5 3.9 43.9
105 20.9 1.7 41.7
51 40.5 18.4 58.4

Manual Integrations

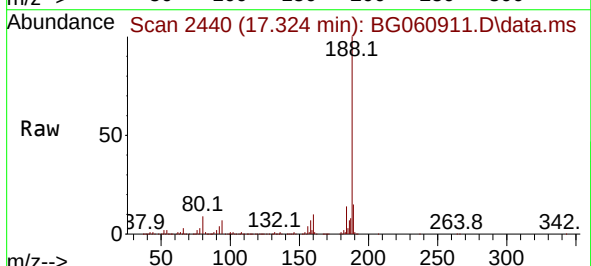
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

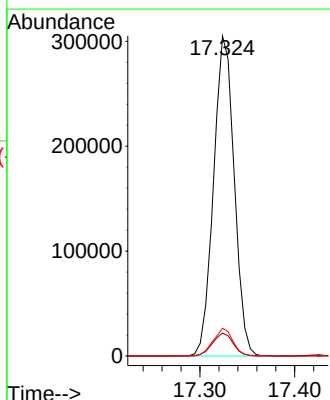
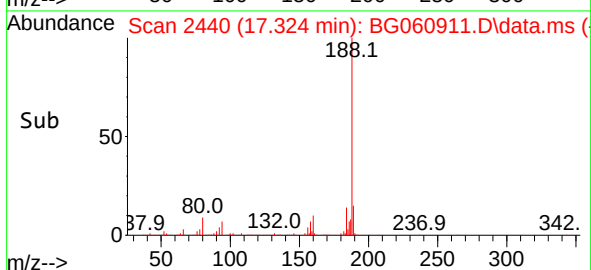
Supervised By :mohammad ahmed 04/18/2024

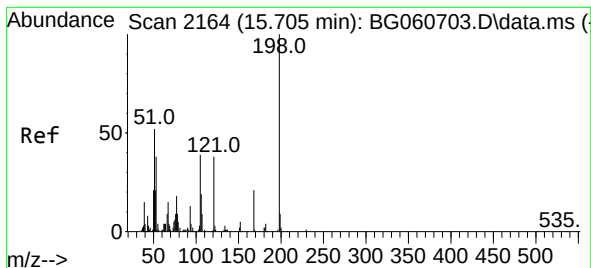


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10



Tgt Ion:188 Resp: 462252
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 8.6 7.6 11.4





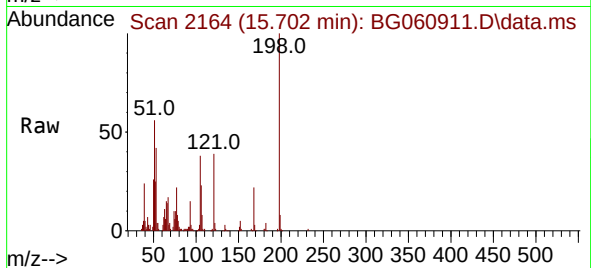
#65
4,6-Dinitro-2-methylphenol
Concen: 57.177 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



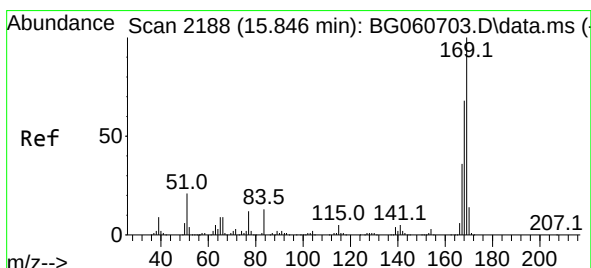
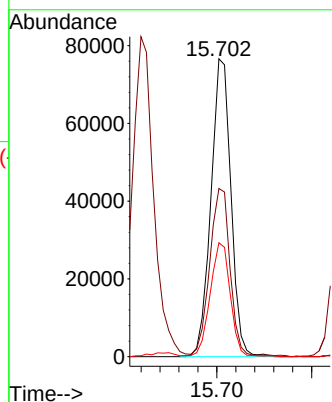
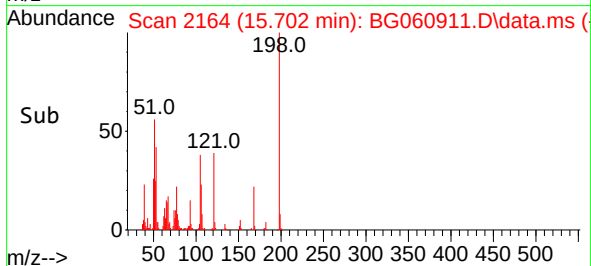
Tgt Ion:198 Resp: 112079
Ion Ratio Lower Upper
198 100
51 56.5 36.7 76.7
105 38.3 19.1 59.1

Manual Integrations

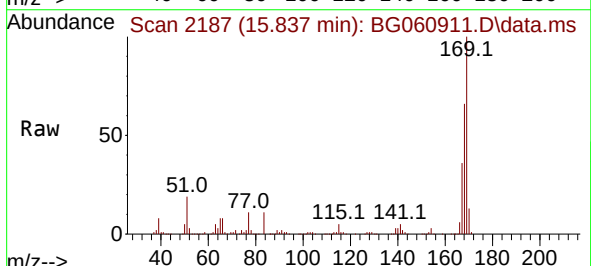
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

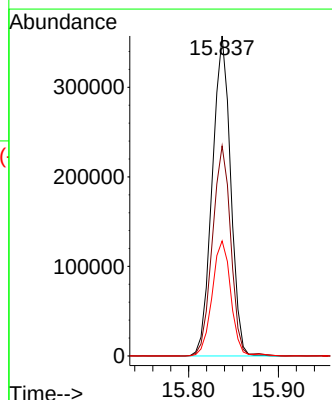
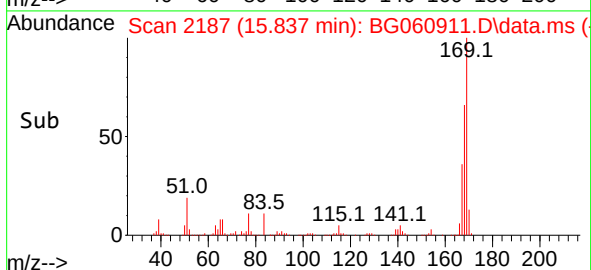
Supervised By :mohammad ahmed 04/18/2024

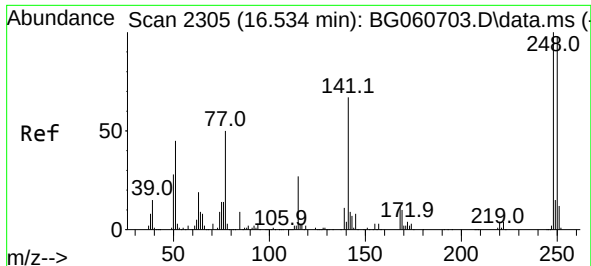


#66
n-Nitrosodiphenylamine
Concen: 38.328 ng
RT: 15.837 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10



Tgt Ion:169 Resp: 506288
Ion Ratio Lower Upper
169 100
168 65.6 54.5 81.7
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.910 ng
RT: 16.519 min Scan# 21068
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

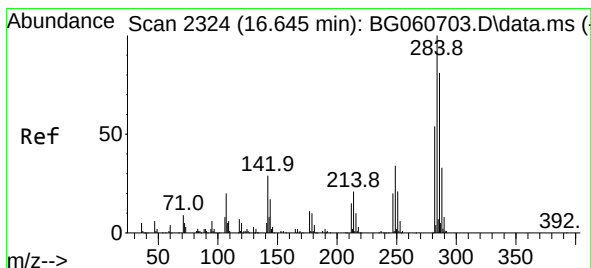
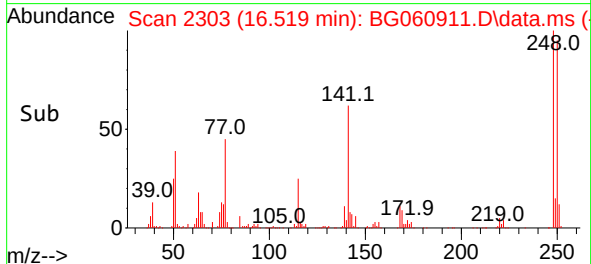
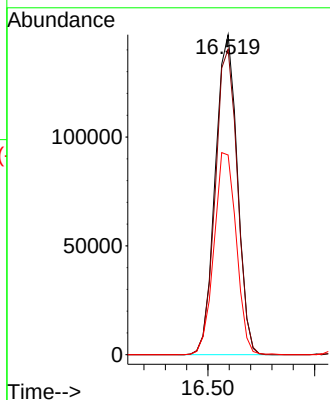
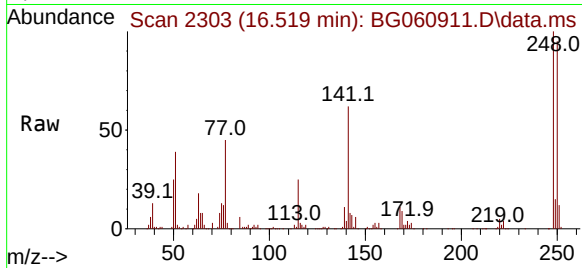
ClientSampleId :

PB160246BS

Tgt Ion:248 Resp: 21068
Ion Ratio Lower Upper
248 100
250 95.5 78.3 117.5
141 62.4 53.7 80.5

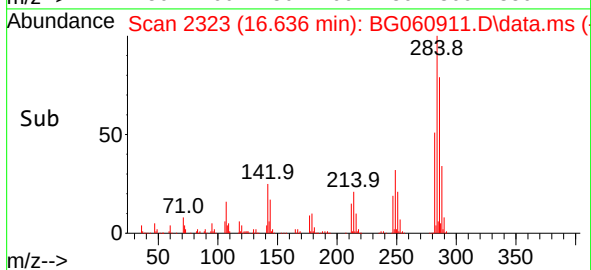
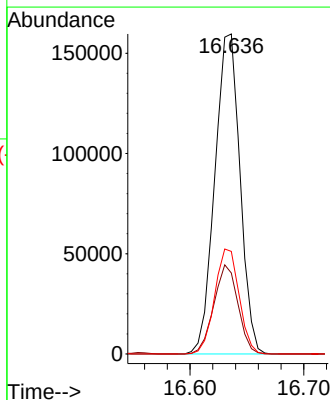
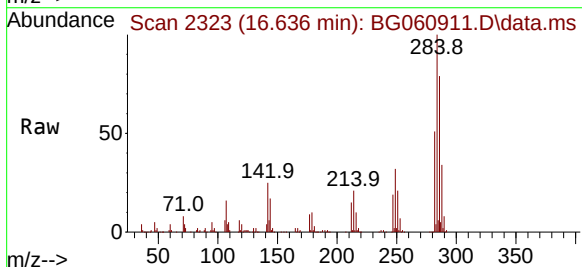
Manual Integrations
APPROVED

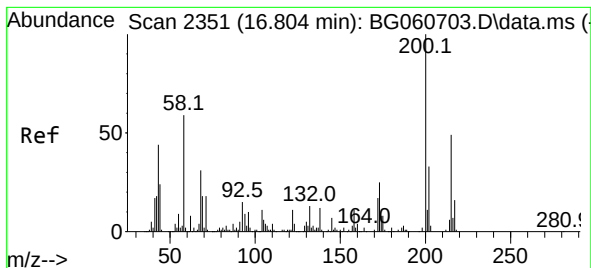
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#68
Hexachlorobenzene
Concen: 46.417 ng
RT: 16.636 min Scan# 2323
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:284 Resp: 245814
Ion Ratio Lower Upper
284 100
142 25.3 22.9 34.3
249 32.0 27.1 40.7





#69

Atrazine

Concen: 42.439 ng

RT: 16.789 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG060911.D

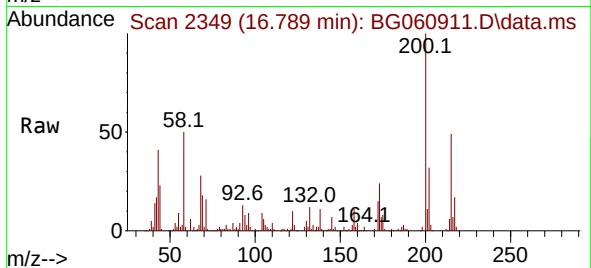
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



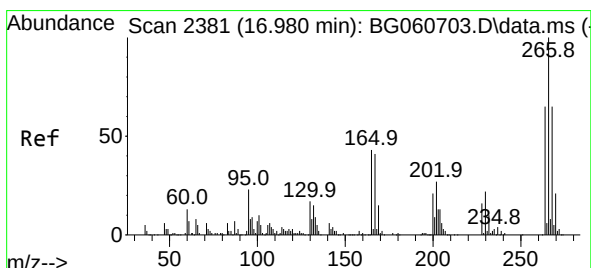
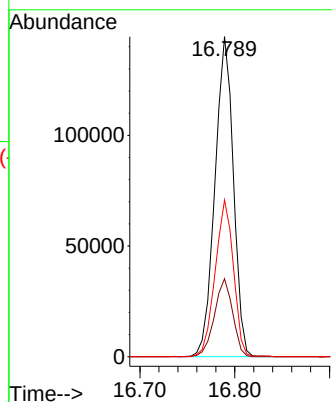
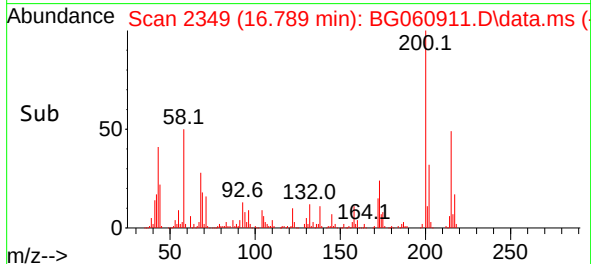
Tgt Ion:	200	Resp:	19603
Ion Ratio	Lower	Upper	
200	100		
173	24.4	5.2	45.2
215	49.0	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#70

Pentachlorophenol

Concen: 92.864 ng

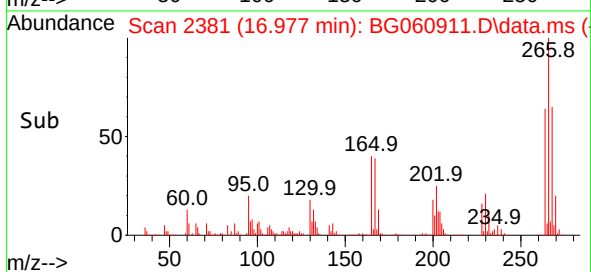
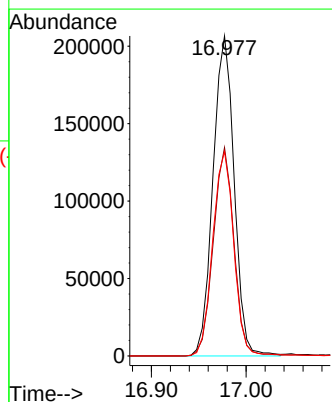
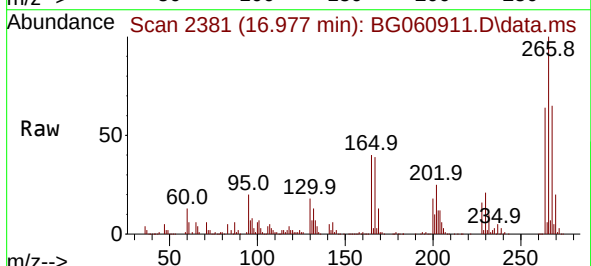
RT: 16.977 min Scan# 2381

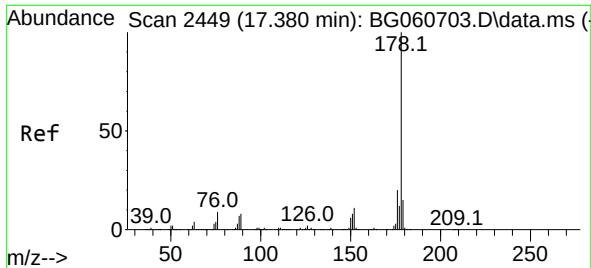
Delta R.T. -0.003 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:	266	Resp:	320894
Ion Ratio	Lower	Upper	
266	100		
268	65.1	52.2	78.4
264	63.9	51.8	77.6





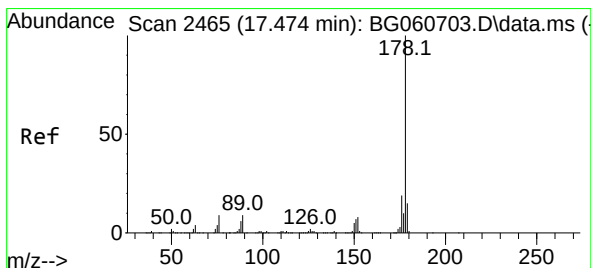
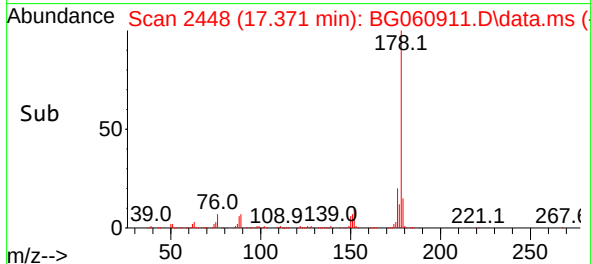
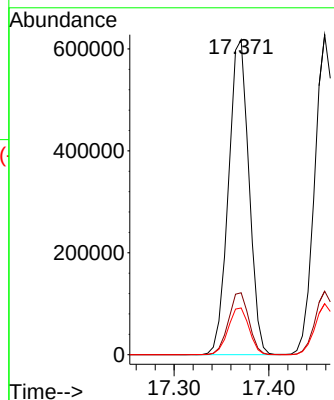
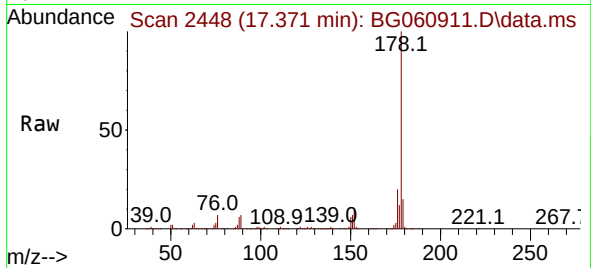
#71
Phenanthrene
Concen: 38.537 ng
RT: 17.371 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :
BNA_G
ClientSampleId :
PB160246BS

Tgt Ion:178 Resp: 926458
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 14.8 12.2 18.4

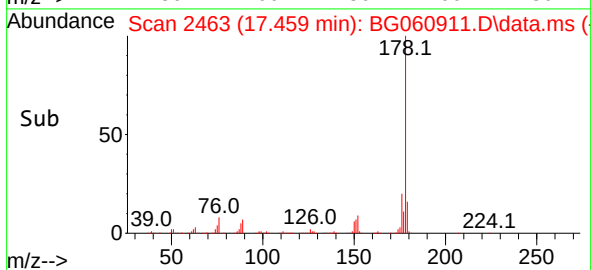
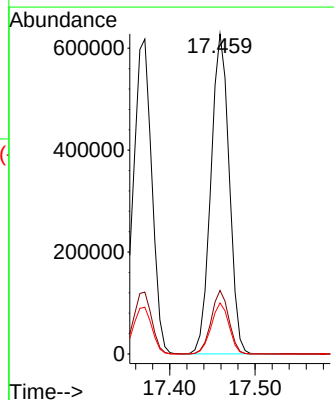
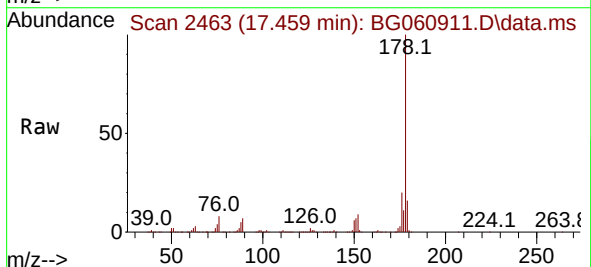
Manual Integrations
APPROVED

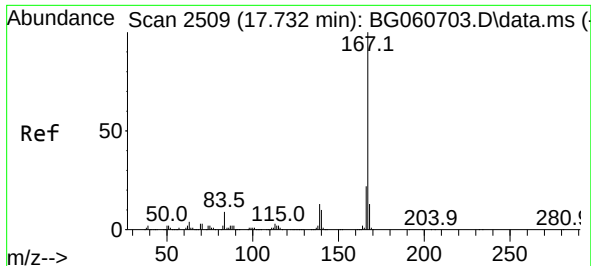
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#72
Anthracene
Concen: 38.246 ng
RT: 17.459 min Scan# 2463
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

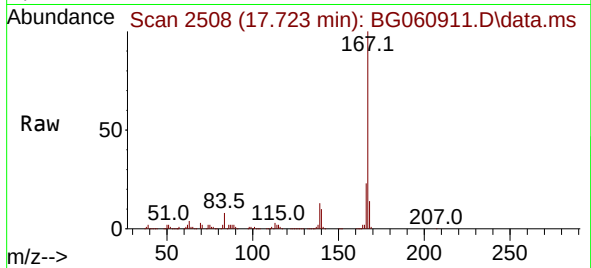
Tgt Ion:178 Resp: 933765
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.0 12.2 18.2





#73
Carbazole
Concen: 38.063 ng
RT: 17.723 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

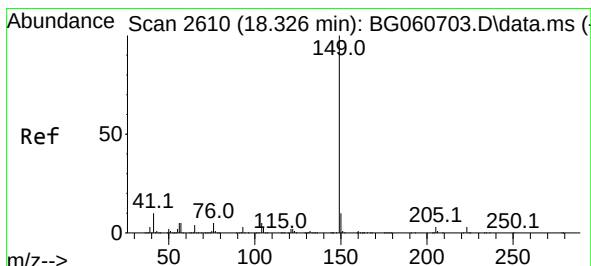
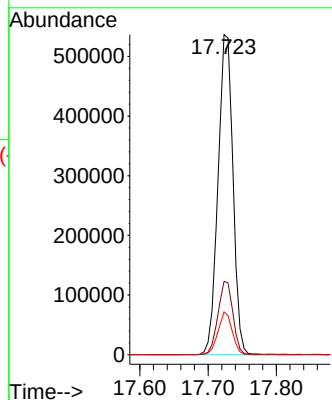
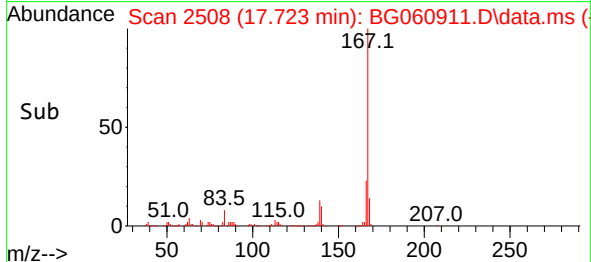
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:167 Resp: 819362
Ion Ratio Lower Upper
167 100
166 22.9 18.0 27.0
139 13.4 10.5 15.7

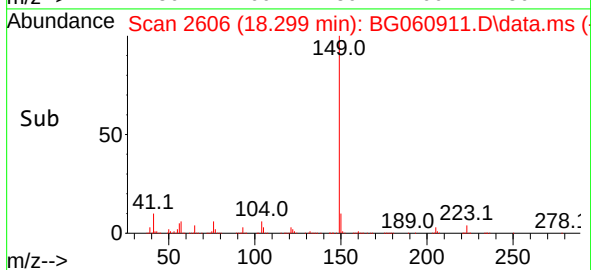
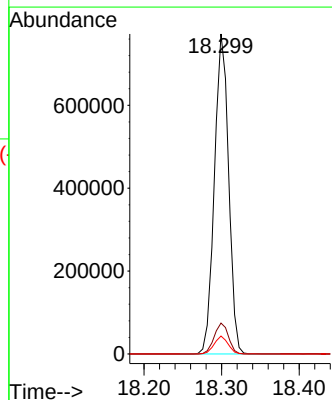
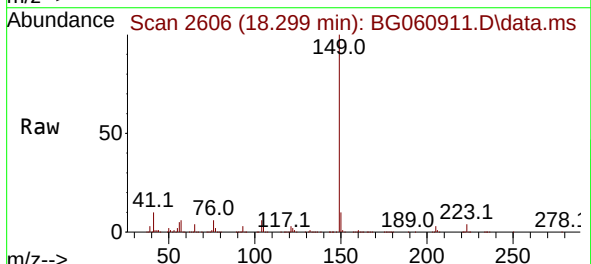
Manual Integrations
APPROVED

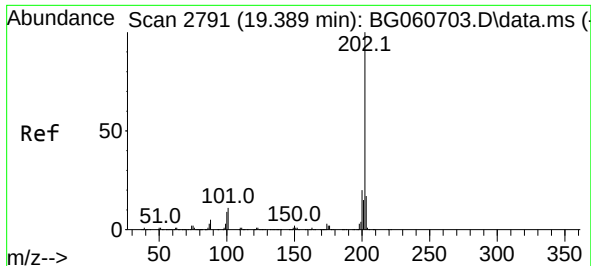
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#74
Di-n-butylphthalate
Concen: 36.623 ng
RT: 18.299 min Scan# 2606
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:149 Resp: 982854
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.6 4.2 6.4





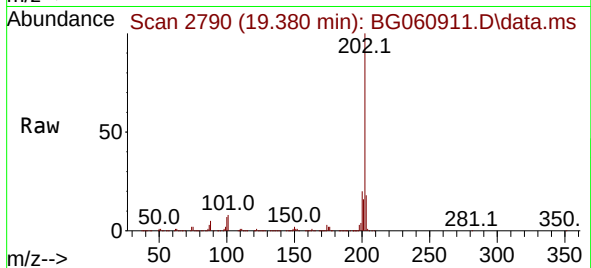
#75
Fluoranthene
Concen: 38.369 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



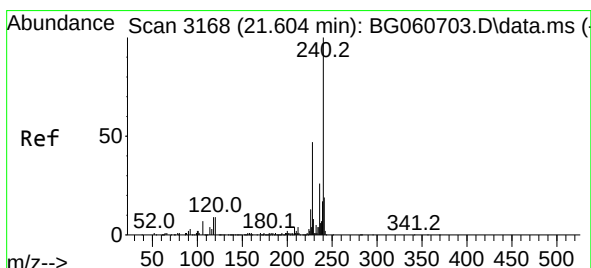
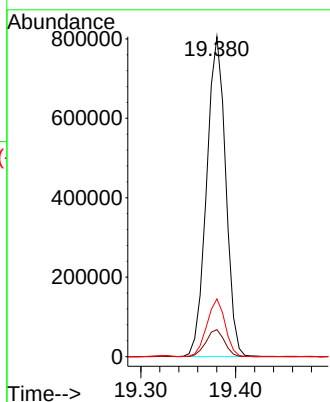
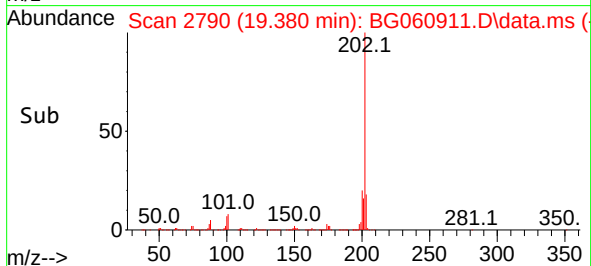
Tgt Ion:202 Resp: 111930
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.8
203 18.1 0.0 37.4

Manual Integrations

APPROVED

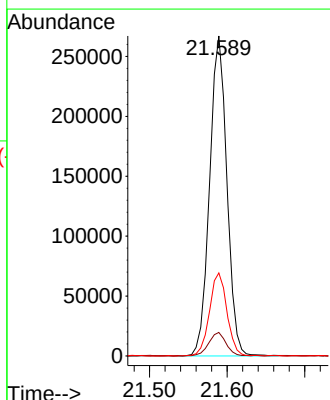
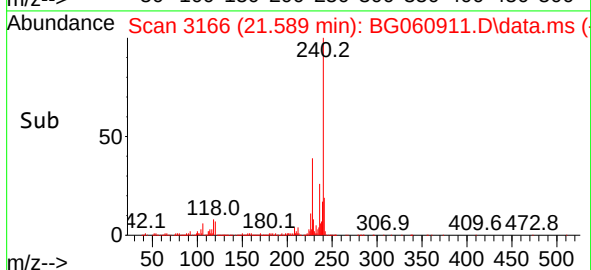
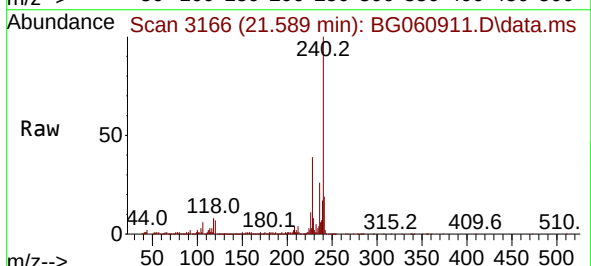
Reviewed By :Yogesh Patel 04/17/2024

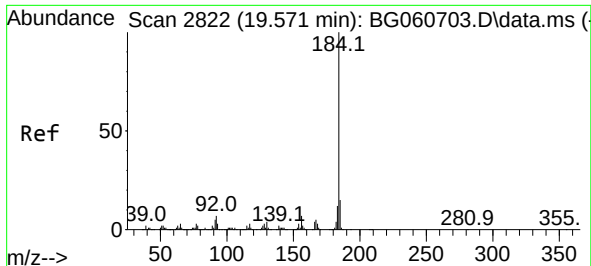
Supervised By :mohammad ahmed 04/18/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

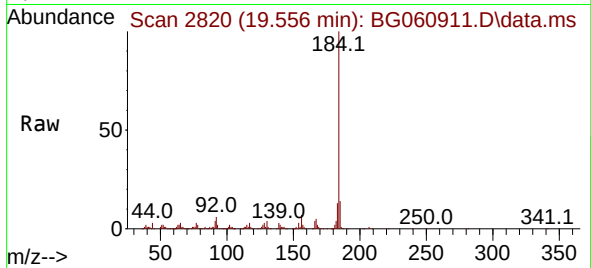
Tgt Ion:240 Resp: 415335
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 26.0 20.7 31.1





#77
Benzidine
Concen: 21.153 ng
RT: 19.556 min Scan# 2820
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

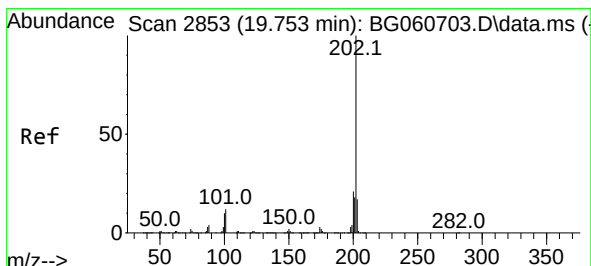
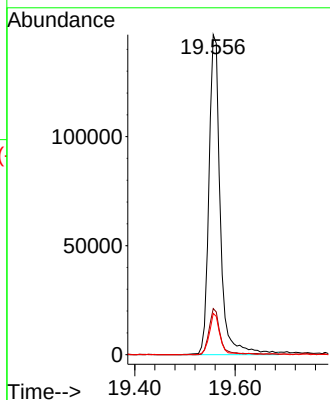
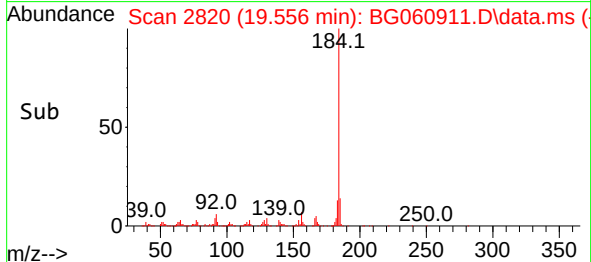
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:184 Resp: 231339
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 12.9 9.5 14.3

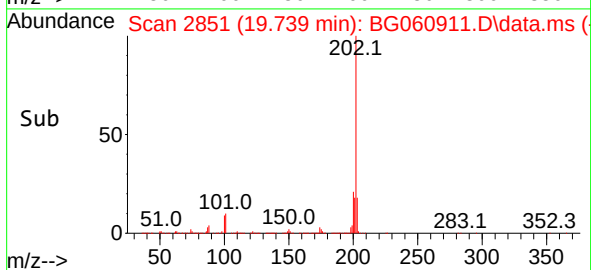
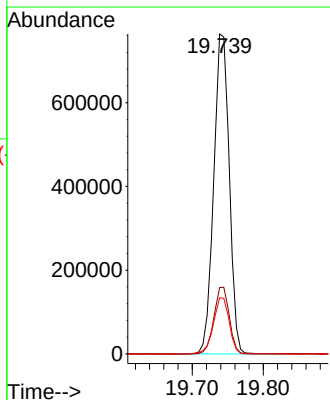
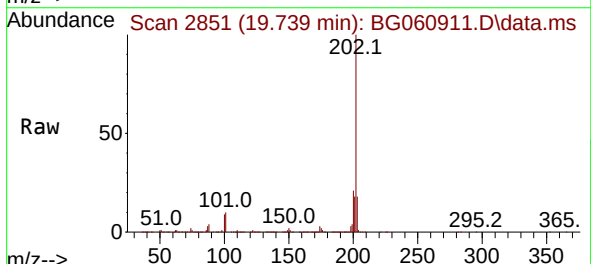
Manual Integrations
APPROVED

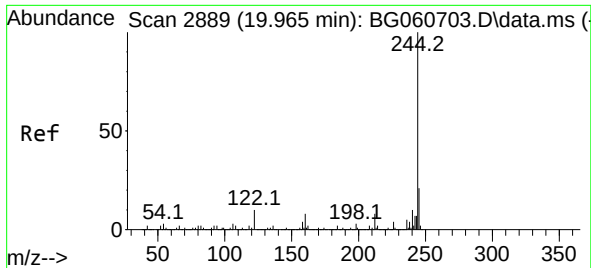
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#78
Pyrene
Concen: 39.803 ng
RT: 19.739 min Scan# 2851
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:202 Resp: 1156192
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.6 14.0 21.0





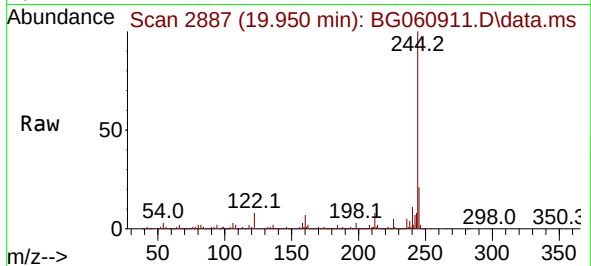
#79
 Terphenyl-d14
 Concen: 78.982 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



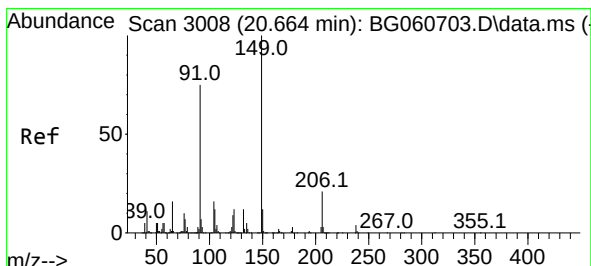
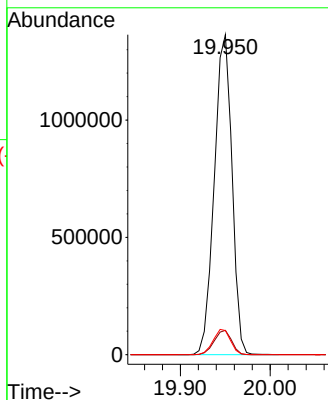
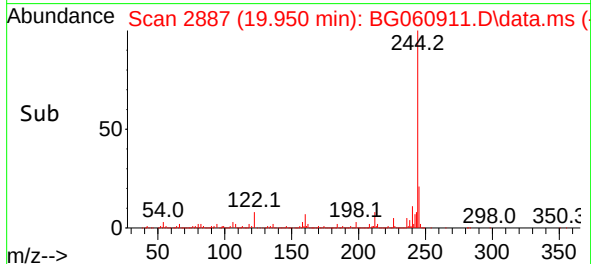
Tgt Ion:244 Resp: 1862985
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.6 7.8 11.8

Manual Integrations

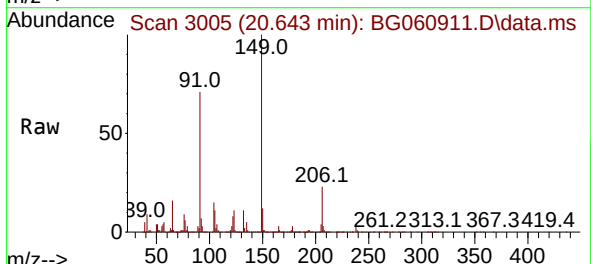
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

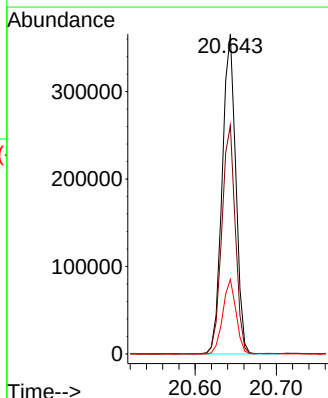
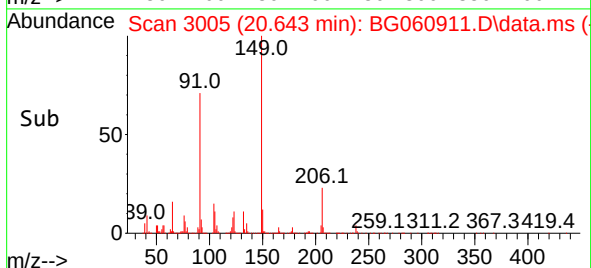
Supervised By :mohammad ahmed 04/18/2024

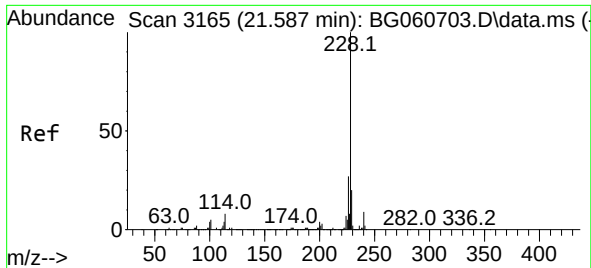


#80
 Butylbenzylphthalate
 Concen: 40.342 ng
 RT: 20.643 min Scan# 3005
 Delta R.T. -0.021 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10



Tgt Ion:149 Resp: 427475
 Ion Ratio Lower Upper
 149 100
 91 71.4 60.1 90.1
 206 23.3 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.592 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.015 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

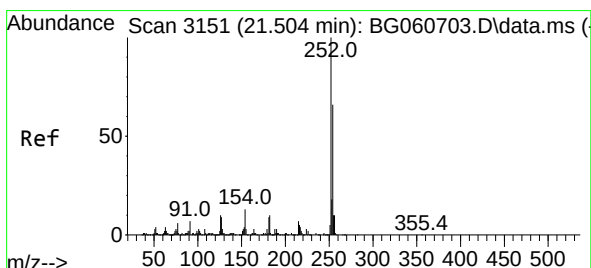
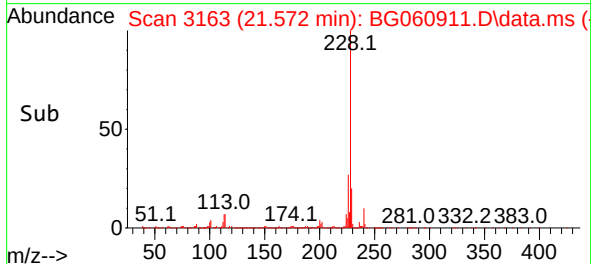
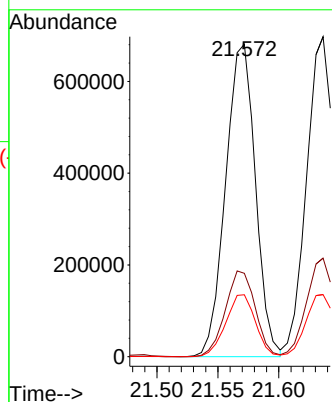
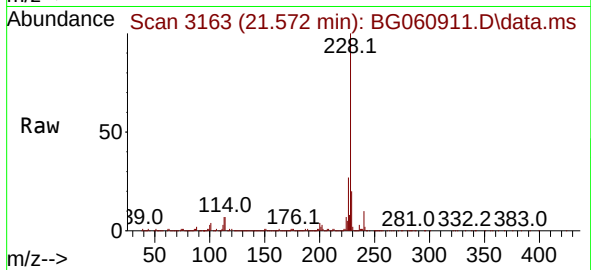
PB160246BS

Tgt Ion:228 Resp: 1159130
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.8 15.8 23.8

Manual Integrations

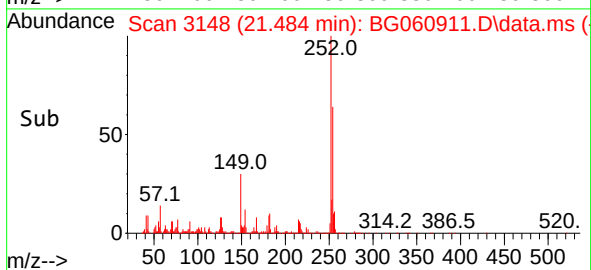
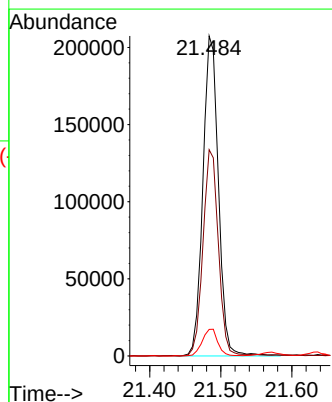
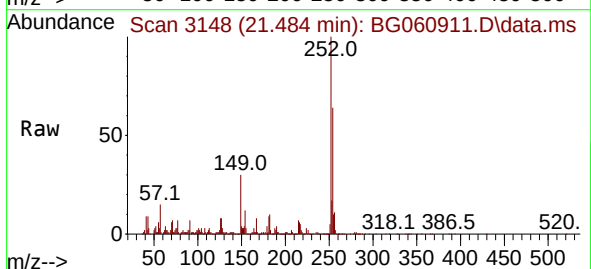
APPROVED

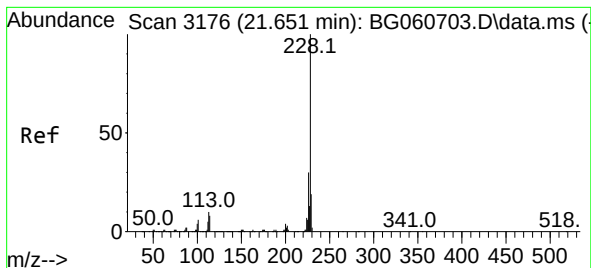
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#82
3,3'-Dichlorobenzidine
Concen: 31.950 ng
RT: 21.484 min Scan# 3148
Delta R.T. -0.021 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:252 Resp: 315842
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 8.3 7.8 11.8





#83

Chrysene

Concen: 39.303 ng

RT: 21.636 min Scan# 3174

Delta R.T. -0.015 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

Tgt Ion:228 Resp: 110908

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

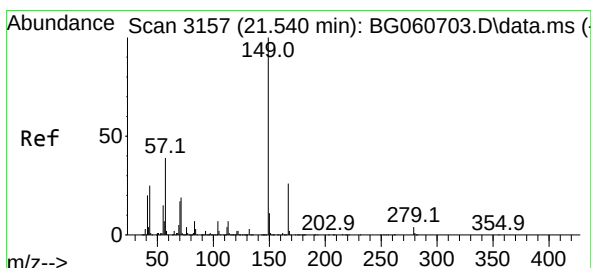
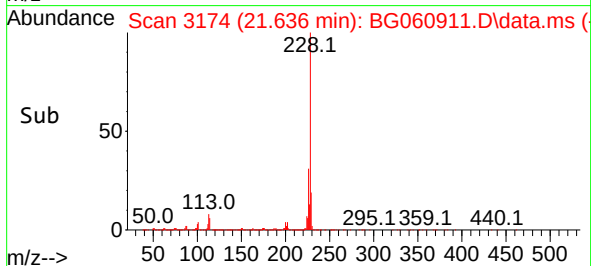
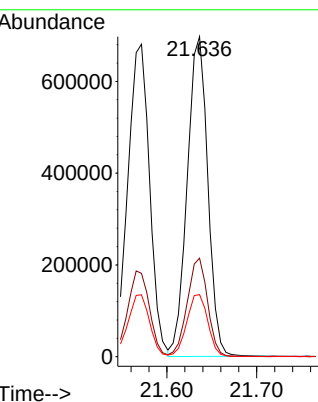
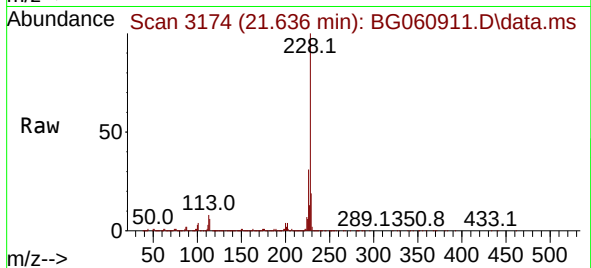
229 19.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.047 ng

RT: 21.501 min Scan# 3151

Delta R.T. -0.038 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

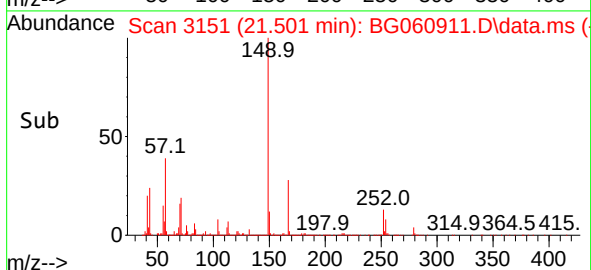
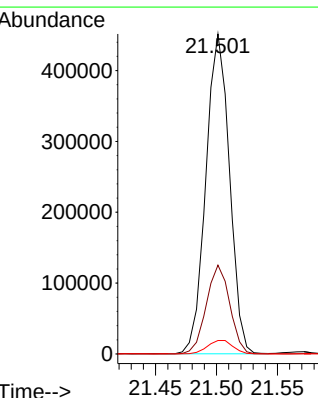
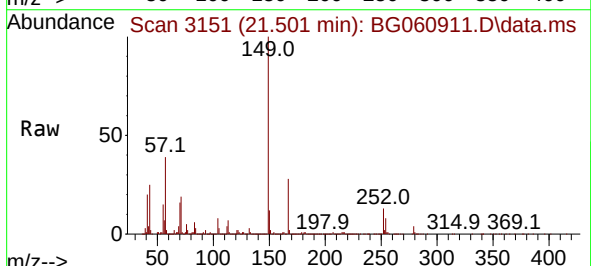
Tgt Ion:149 Resp: 608788

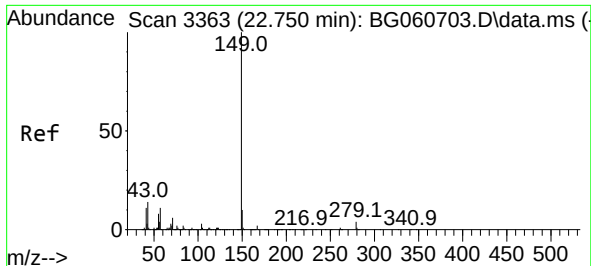
Ion Ratio Lower Upper

149 100

167 27.8 20.6 30.8

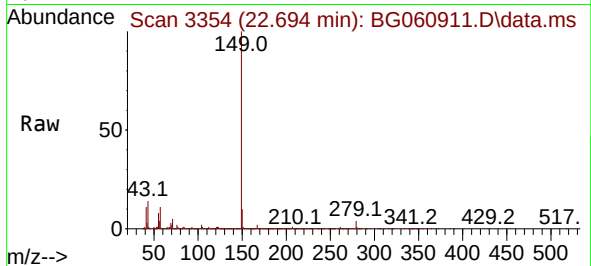
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 38.568 ng
RT: 22.694 min Scan# 31
Delta R.T. -0.056 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

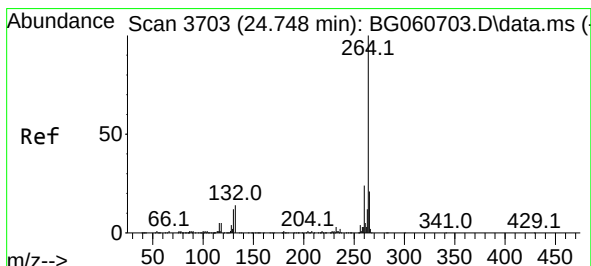
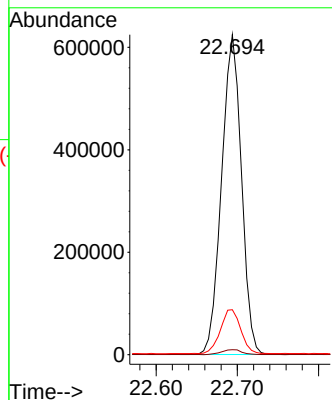
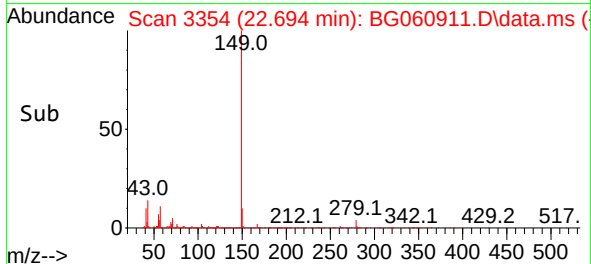
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:149 Resp: 1061140
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.1 11.3 16.9

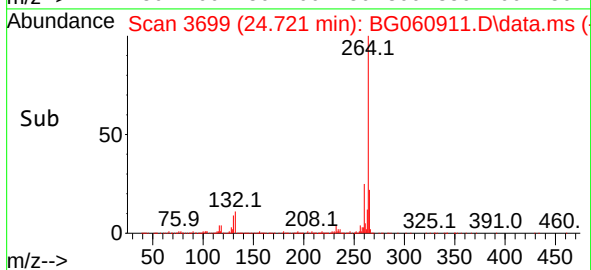
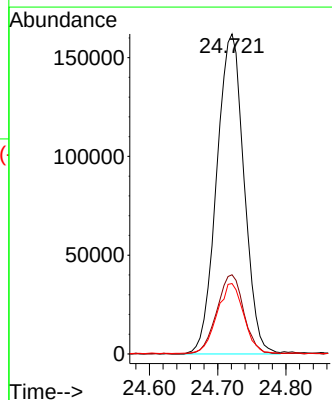
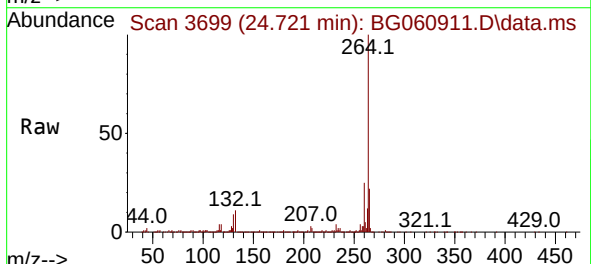
Manual Integrations
APPROVED

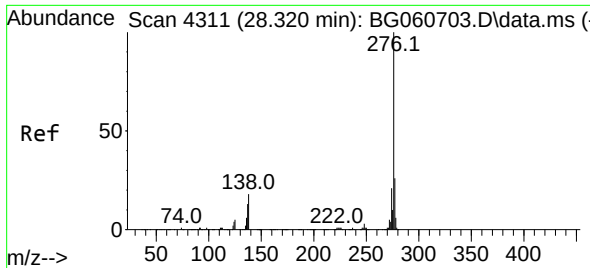
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.721 min Scan# 3699
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:264 Resp: 451610
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.0 16.9 25.3





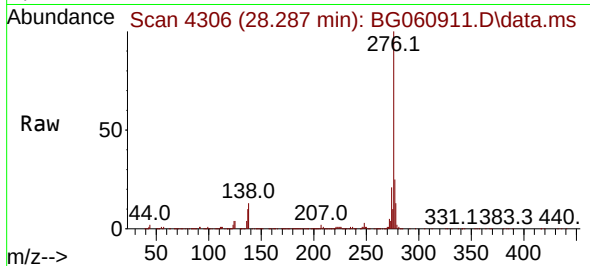
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.733 ng
 RT: 28.287 min Scan# 4311
 Delta R.T. -0.033 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



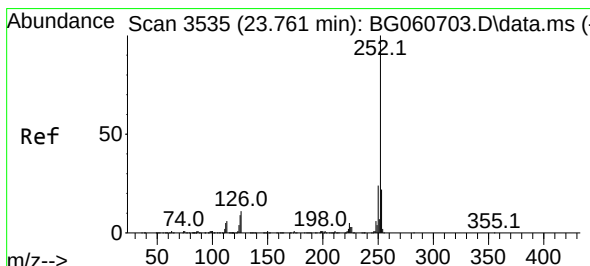
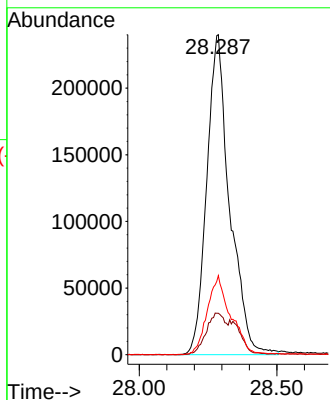
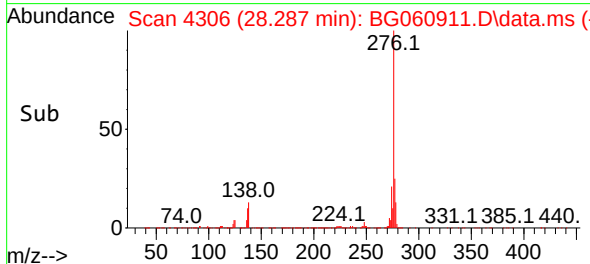
Tgt Ion:276 Resp: 1390804
 Ion Ratio Lower Upper
 276 100
 138 11.1 12.4 18.6
 277 25.0 20.2 30.2

Manual Integrations

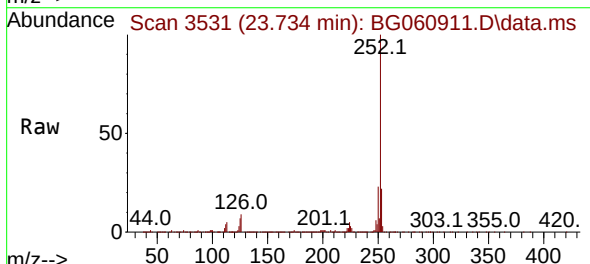
APPROVED

Reviewed By :Yogesh Patel 04/17/2024

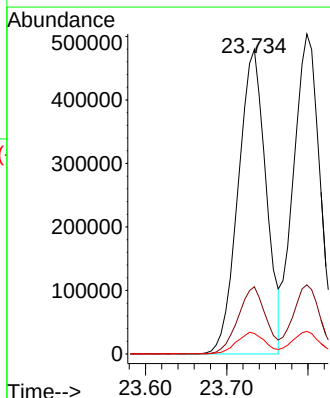
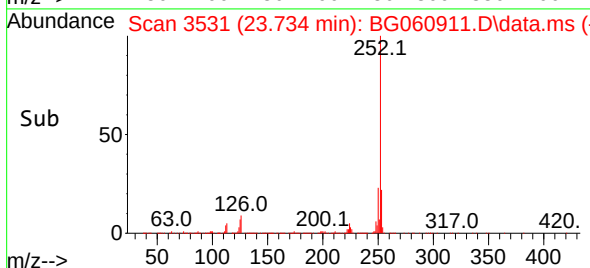
Supervised By :mohammad ahmed 04/18/2024

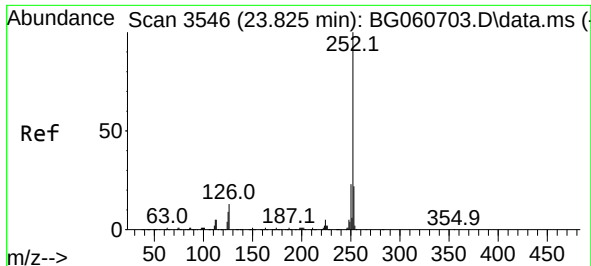


#88
 Benzo(b)fluoranthene
 Concen: 44.154 ng
 RT: 23.734 min Scan# 3531
 Delta R.T. -0.027 min
 Lab File: BG060911.D
 Acq: 16 Apr 2024 13:10



Tgt Ion:252 Resp: 1145579
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 6.7 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 43.031 ng
RT: 23.799 min Scan# 3546
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS

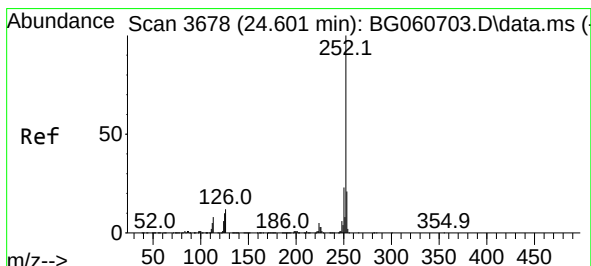
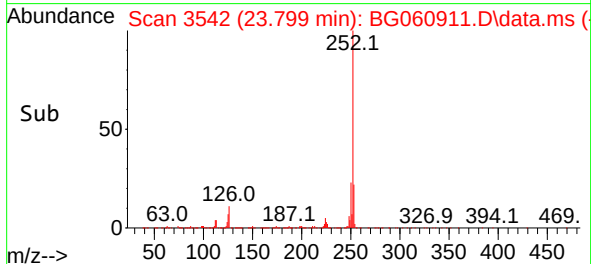
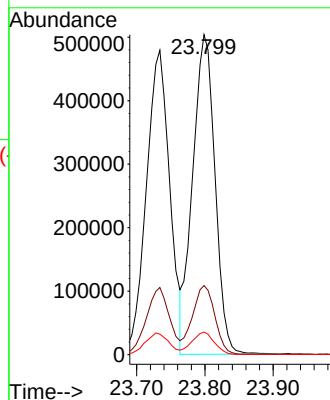
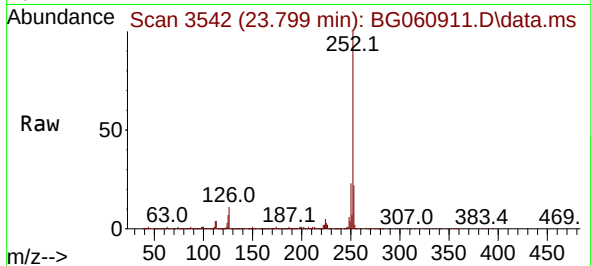
Tgt Ion:252 Resp: 114272
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.1 7.5 11.3

Manual Integrations

APPROVED

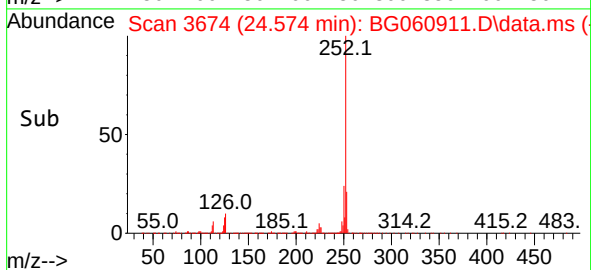
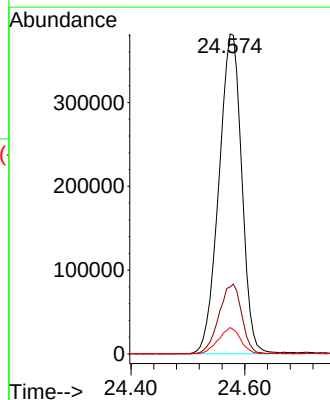
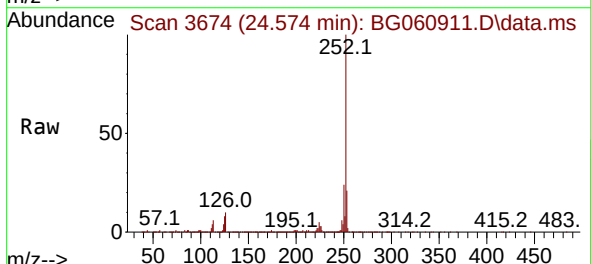
Reviewed By :Yogesh Patel 04/17/2024

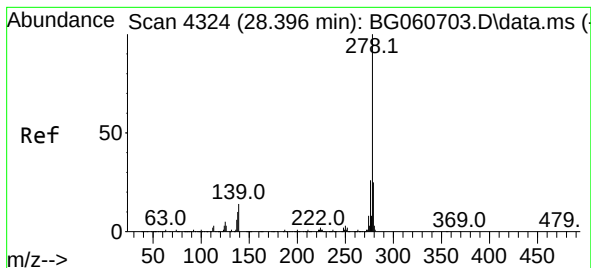
Supervised By :mohammad ahmed 04/18/2024



#90
Benzo(a)pyrene
Concen: 42.180 ng
RT: 24.574 min Scan# 3674
Delta R.T. -0.027 min
Lab File: BG060911.D
Acq: 16 Apr 2024 13:10

Tgt Ion:252 Resp: 1063495
Ion Ratio Lower Upper
252 100
253 20.9 16.8 25.2
125 8.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 42.676 ng

RT: 28.352 min Scan# 41

Delta R.T. -0.044 min

Lab File: BG060911.D

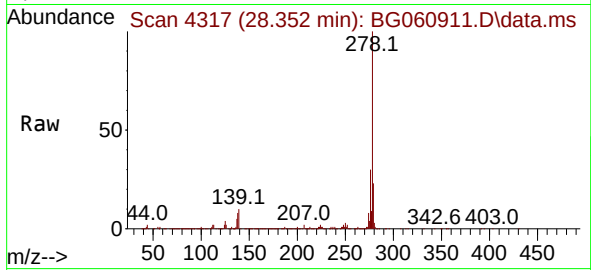
Acq: 16 Apr 2024 13:10

Instrument :

BNA_G

ClientSampleId :

PB160246BS



Tgt Ion:278 Resp: 1144084

Ion Ratio Lower Upper

278 100

139 10.3 11.1 16.7

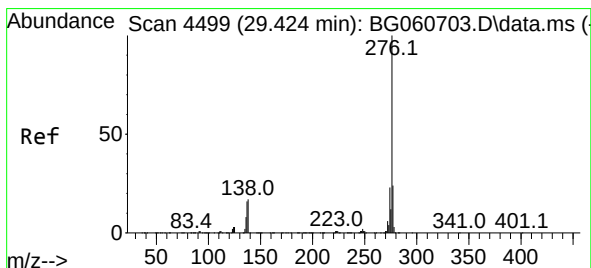
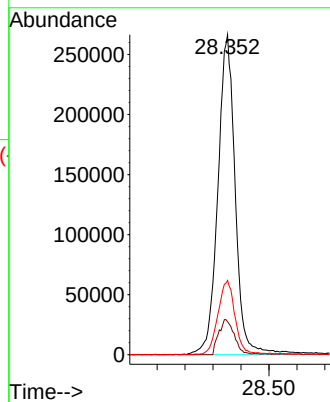
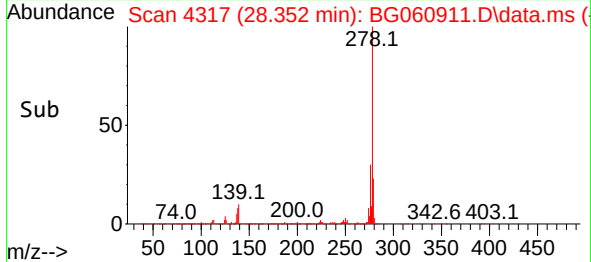
279 23.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#92

Benzo(g,h,i)perylene

Concen: 41.074 ng

RT: 29.392 min Scan# 4494

Delta R.T. -0.033 min

Lab File: BG060911.D

Acq: 16 Apr 2024 13:10

Tgt Ion:276 Resp: 1071168

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 14.0 14.0 21.0

