

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060226.D
 Acq On : 3 Jan 2024 14:12
 Operator : MA/JU
 Sample : PB158041BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158041BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 15:10:30 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	205733	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	876888	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	691428	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1655955	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1455093	20.000	ng	0.00
86) Perylene-d12	24.763	264	1574318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1985336	145.652	ng	0.00
7) Phenol-d6	7.101	99	2900720	143.328	ng	0.00
23) Nitrobenzene-d5	9.099	82	1702705	89.690	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1352679	146.149	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	4060497	84.403	ng	0.00
79) Terphenyl-d14	19.945	244	5423100	71.651	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	193127	31.846	ng	99
3) Pyridine	3.799	79	490254	28.505	ng	98
4) n-Nitrosodimethylamine	3.717	42	251203	39.152	ng	# 92
6) Aniline	7.260	93	673119	33.196	ng	96
8) 2-Chlorophenol	7.501	128	672935	51.369	ng	98
10) Phenol	7.131	94	1061432	52.008	ng	95
11) bis(2-Chloroethyl)ether	7.354	93	738864	44.739	ng	99
12) 1,3-Dichlorobenzene	7.824	146	681686	42.154	ng	99
13) 1,4-Dichlorobenzene	7.971	146	681834	41.706	ng	97
14) 1,2-Dichlorobenzene	8.288	146	689289	43.127	ng	97
15) Benzyl Alcohol	8.171	79	675238	53.752	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.465	45	974751m	45.989	ng	
17) 2-Methylphenol	8.376	107	677384	53.007	ng	99
18) Hexachloroethane	9.017	117	231069	44.877	ng	97
19) n-Nitroso-di-n-propyla...	8.735	70	640095	46.297	ng	99
20) 3+4-Methylphenols	8.705	107	929472	51.318	ng	98
22) Acetophenone	8.758	105	1172203	45.118	ng	# 96
24) Nitrobenzene	9.140	77	874120	45.003	ng	98
25) Isophorone	9.657	82	1752294	44.117	ng	100
26) 2-Nitrophenol	9.851	139	366844	54.123	ng	96
27) 2,4-Dimethylphenol	9.910	122	612299	63.775	ng	97
28) bis(2-Chloroethoxy)met...	10.145	93	1084516	46.619	ng	99
29) 2,4-Dichlorophenol	10.386	162	820674	54.085	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	797829	43.200	ng	99
31) Naphthalene	10.791	128	2068498	44.682	ng	100
32) Benzoic acid	10.057	122	457753	52.206	ng	94
33) 4-Chloroaniline	10.897	127	423033	23.398	ng	99
34) Hexachlorobutadiene	11.073	225	458140	41.710	ng	99
35) Caprolactam	11.673	113	270766m	53.644	ng	
36) 4-Chloro-3-methylphenol	12.025	107	830441	53.179	ng	99
37) 2-Methylnaphthalene	12.395	142	1551974	46.413	ng	99
38) 1-Methylnaphthalene	12.619	142	1525824	45.132	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	997436	45.035	ng	99
41) Hexachlorocyclopentadiene	12.748	237	974098	136.071	ng	100
43) 2,4,6-Trichlorophenol	13.006	196	736629	50.613	ng	98
44) 2,4,5-Trichlorophenol	13.083	196	828998	50.917	ng	99

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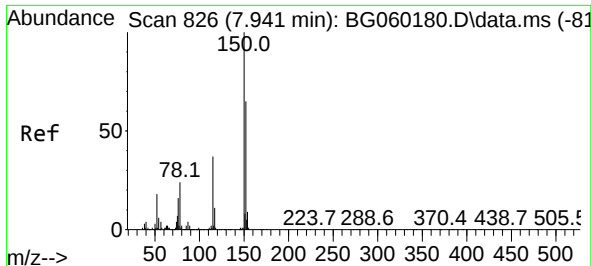
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.406	154	2322804	45.661	ng	98
47) 2-Chloronaphthalene	13.453	162	1920461	44.311	ng	99
48) 2-Nitroaniline	13.653	65	608044	53.683	ng	98
49) Acenaphthylene	14.299	152	3096929	49.593	ng	96
50) Dimethylphthalate	14.029	163	2534576	47.479	ng	99
51) 2,6-Dinitrotoluene	14.146	165	557884	50.244	ng	95
52) Acenaphthene	14.640	154	1765400	45.304	ng	98
53) 3-Nitroaniline	14.481	138	341299	32.621	ng	# 92
54) 2,4-Dinitrophenol	14.687	184	686220	103.437	ng	96
55) Dibenzofuran	14.975	168	3028077	46.390	ng	98
56) 4-Nitrophenol	14.792	139	909610	115.017	ng	98
57) 2,4-Dinitrotoluene	14.939	165	794215	52.603	ng	# 98
58) Fluorene	15.621	166	2468291	46.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	743209	52.371	ng	99
60) Diethylphthalate	15.392	149	2443162	47.991	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	1284951	46.095	ng	99
62) 4-Nitroaniline	15.650	138	536232	48.628	ng	97
63) Azobenzene	15.909	77	2490225	47.182	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	444691	53.668	ng	92
66) n-Nitrosodiphenylamine	15.832	169	2214226	49.621	ng	100
67) 4-Bromophenyl-phenylether	16.508	248	832918	47.442	ng	96
68) Hexachlorobenzene	16.626	284	951463	46.222	ng	97
69) Atrazine	16.778	200	663853	40.478	ng	99
70) Pentachlorophenol	16.972	266	1171356	103.585	ng	98
71) Phenanthrene	17.366	178	3837776	46.887	ng	96
72) Anthracene	17.454	178	3913337	48.132	ng	95
73) Carbazole	17.724	167	3633284	47.116	ng	97
74) Di-n-butylphthalate	18.288	149	3733690	49.963	ng	98
75) Fluoranthene	19.381	202	4227416	44.030	ng	96
77) Benzidine	19.563	184	1214237	30.151	ng	100
78) Pyrene	19.740	202	4392466	44.907	ng	97
80) Butylbenzylphthalate	20.633	149	1763161	61.133	ng	97
81) Benzo(a)anthracene	21.573	228	4376841	47.309	ng	96
82) 3,3'-Dichlorobenzidine	21.490	252	1470224	43.701	ng	98
83) Chrysene	21.637	228	4190481	46.623	ng	95
84) Bis(2-ethylhexyl)phtha...	21.479	149	2611858	59.716	ng	98
85) Di-n-octyl phthalate	22.671	149	4369678	61.034	ng	100
87) Indeno(1,2,3-cd)pyrene	28.388	276	5629942	50.723	ng	# 93
88) Benzo(b)fluoranthene	23.758	252	4607398	48.700	ng	97
89) Benzo(k)fluoranthene	23.829	252	4711433	49.478	ng	99
90) Benzo(a)pyrene	24.616	252	4208344	49.167	ng	99
91) Dibenzo(a,h)anthracene	28.453	278	4644583	50.929	ng	97
92) Benzo(g,h,i)perylene	29.522	276	4522299	48.956	ng	99

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



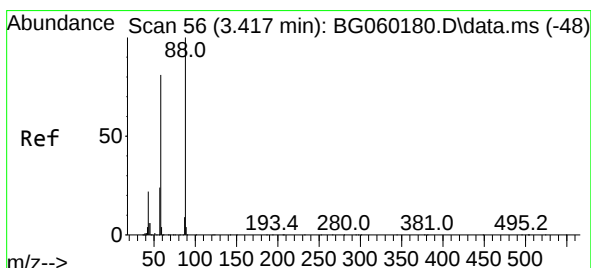
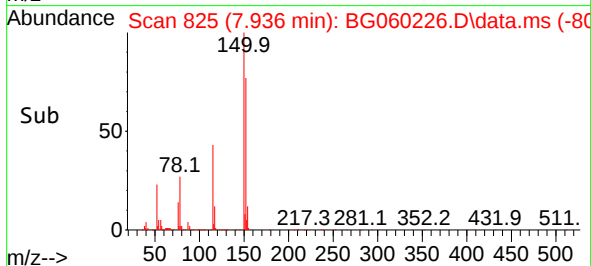
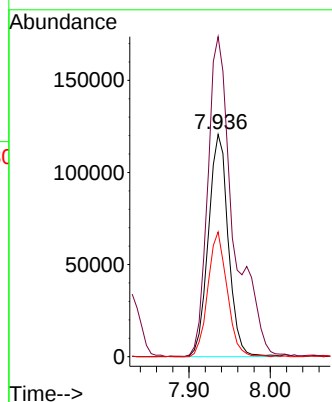
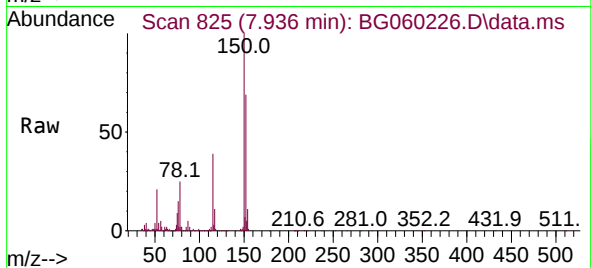
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :
BNA_G
ClientSampleId :
PB158041BS

Tgt Ion:152 Resp: 20573
Ion Ratio Lower Upper
152 100
150 144.0 123.4 185.0
115 56.1 45.4 68.0

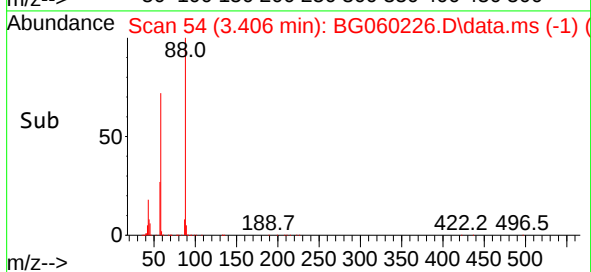
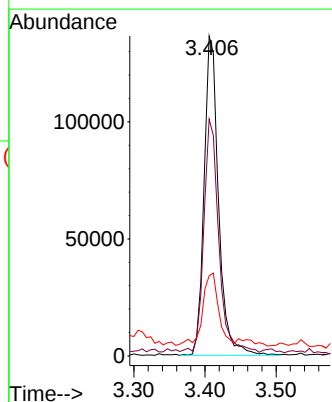
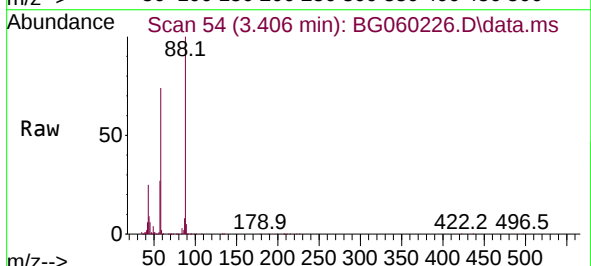
Manual Integrations
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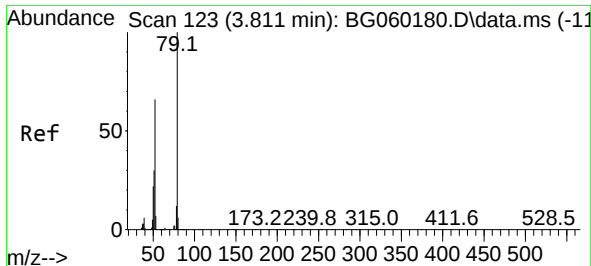
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 31.846 ng
RT: 3.406 min Scan# 54
Delta R.T. -0.011 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

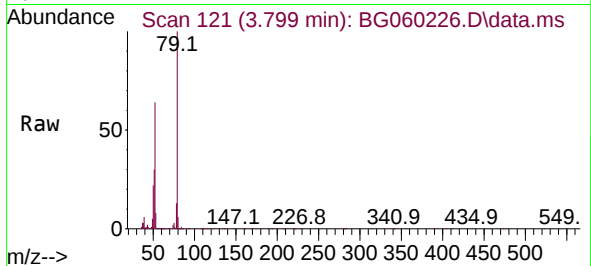
Tgt Ion: 88 Resp: 193127
Ion Ratio Lower Upper
88 100
58 74.9 60.5 90.7
43 24.9 18.9 28.3





#3
Pyridine
Concen: 28.505 ng
RT: 3.799 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

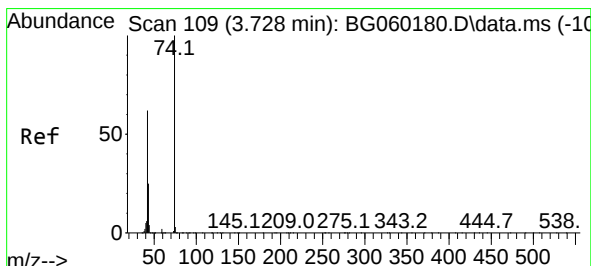
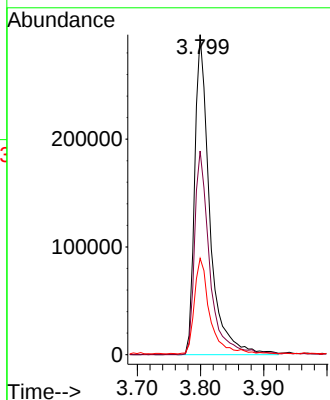
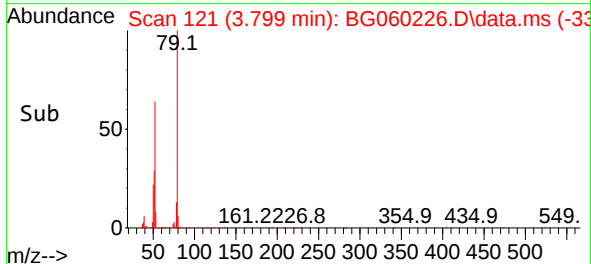
Instrument :
BNA_G
ClientSampleId :
PB158041BS



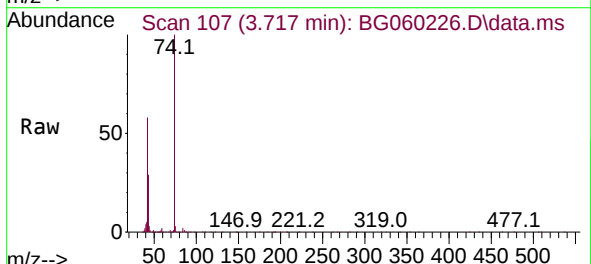
Tgt Ion: 79 Resp: 490254
Ion Ratio Lower Upper
79 100
52 63.7 52.9 79.3
51 30.1 24.6 37.0

Manual Integrations
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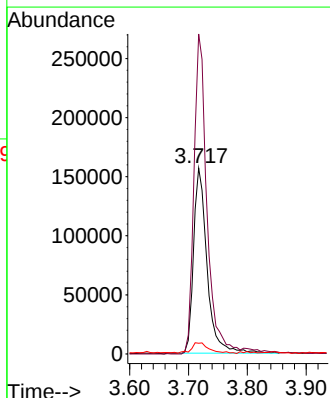
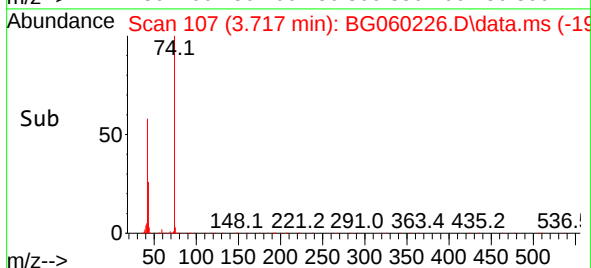
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

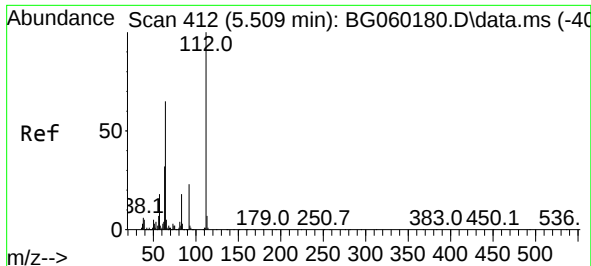


#4
n-Nitrosodimethylamine
Concen: 39.152 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.011 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



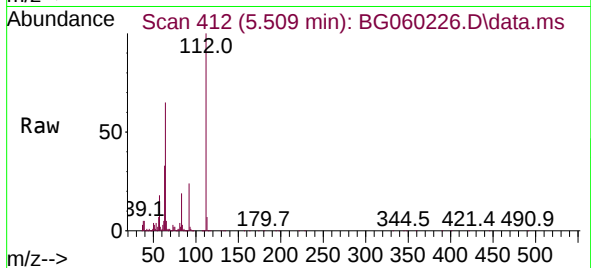
Tgt Ion: 42 Resp: 251203
Ion Ratio Lower Upper
42 100
74 172.1 129.5 194.3
44 5.7 5.9 8.9





#5
2-Fluorophenol
Concen: 145.652 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

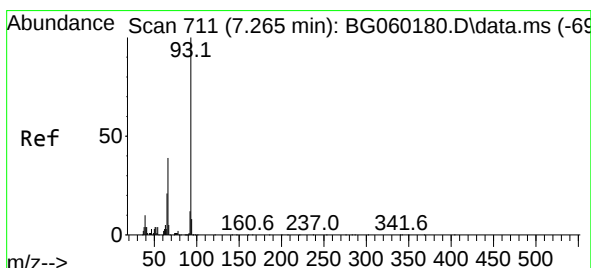
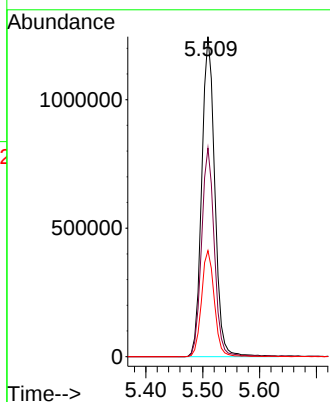
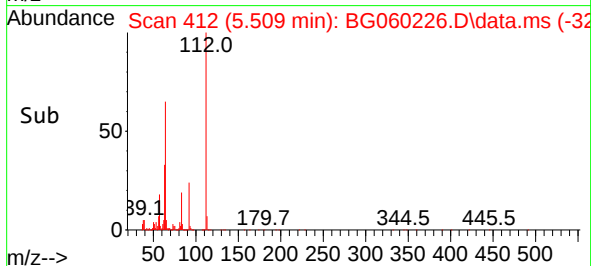
Instrument :
BNA_G
ClientSampleId :
PB158041BS



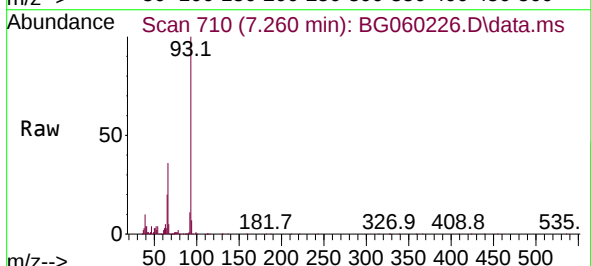
Tgt Ion: 112 Resp: 1985330
Ion Ratio Lower Upper
112 100
64 65.2 52.2 78.4
63 33.1 25.4 38.0

Manual Integrations
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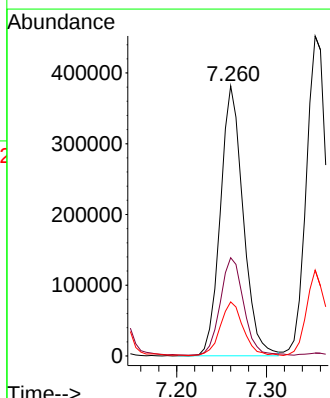
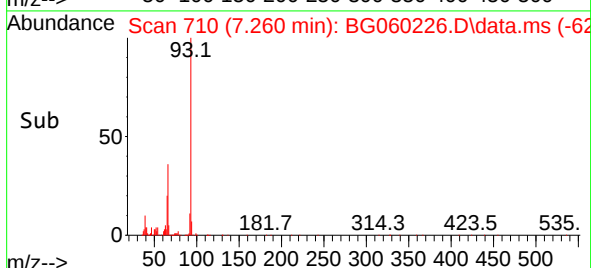
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

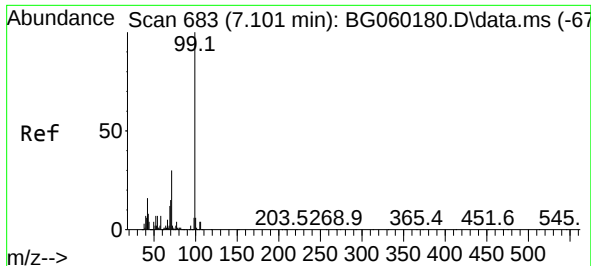


#6
Aniline
Concen: 33.196 ng
RT: 7.260 min Scan# 710
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



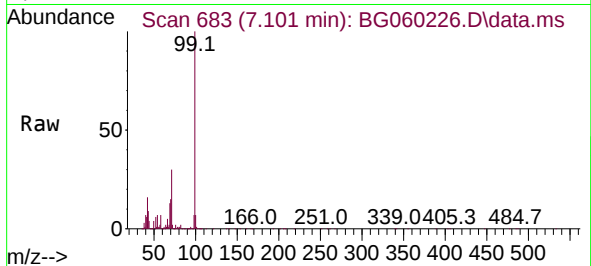
Tgt Ion: 93 Resp: 673119
Ion Ratio Lower Upper
93 100
66 36.4 31.7 47.5
65 20.0 16.7 25.1





#7
Phenol-d6
Concen: 143.328 ng
RT: 7.101 min Scan# 683
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

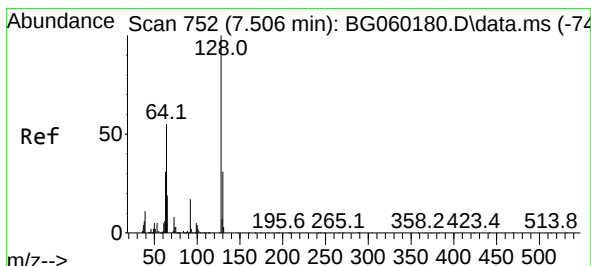
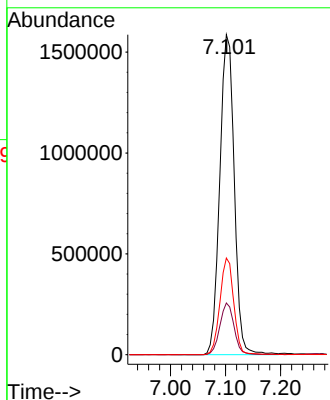
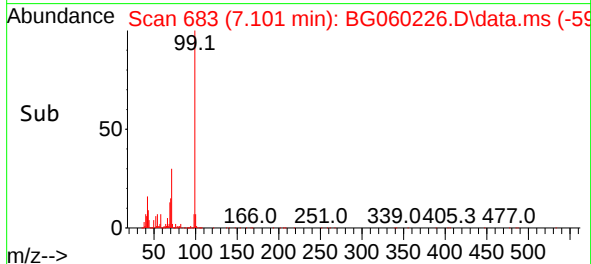
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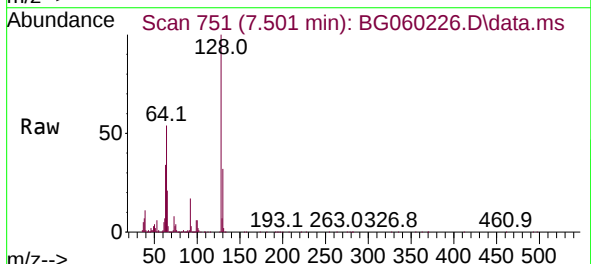
Tgt Ion: 99 Resp: 2900720
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 30.2 24.1 36.1

Manual Integrations
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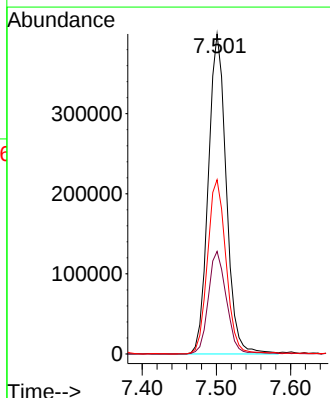
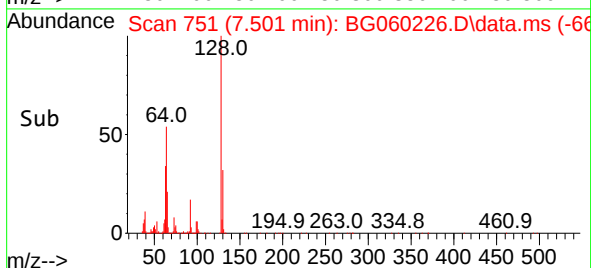
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

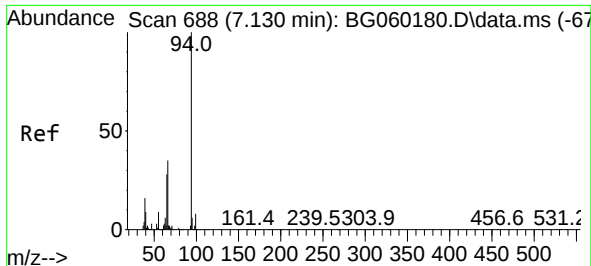


#8
2-Chlorophenol
Concen: 51.369 ng
RT: 7.501 min Scan# 751
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



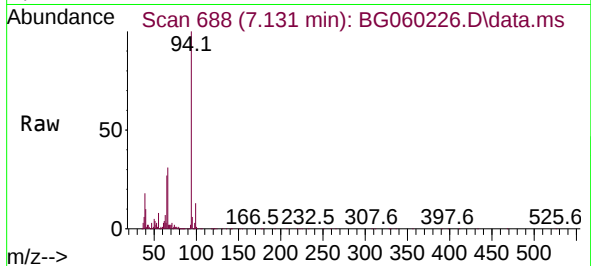
Tgt Ion:128 Resp: 672935
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 54.5 36.4 76.4





#10
Phenol
Concen: 52.008 ng
RT: 7.131 min Scan# 688
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

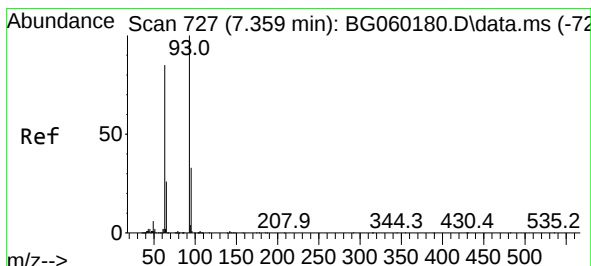
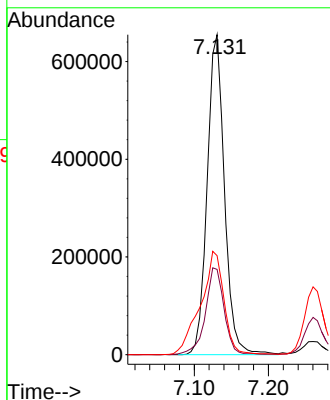
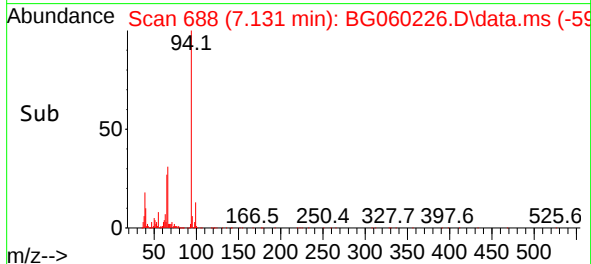
Instrument :
BNA_G
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Tgt Ion: 94 Resp: 106143
Ion Ratio Lower Upper
94 100
65 26.7 8.4 48.4
66 31.0 15.0 55.0

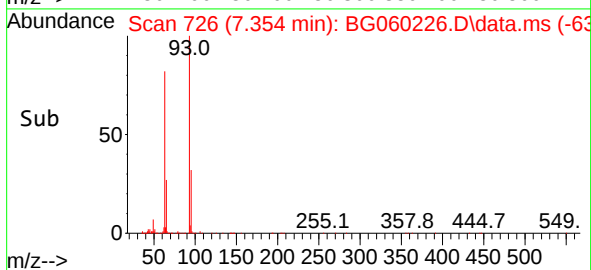
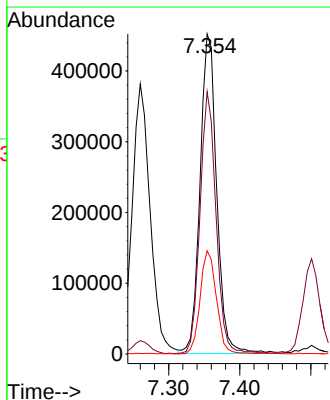
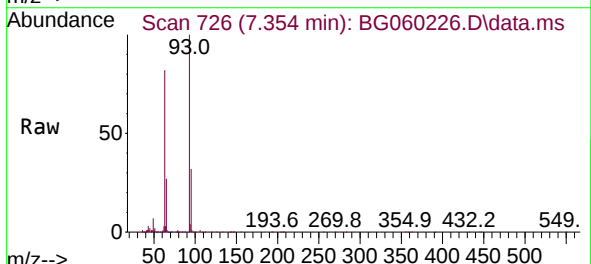
Manual Integrations
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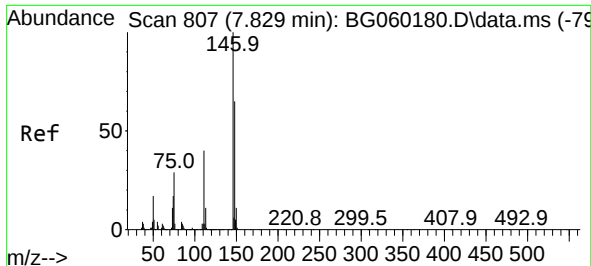
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#11
bis(2-Chloroethyl)ether
Concen: 44.739 ng
RT: 7.354 min Scan# 726
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion: 93 Resp: 738864
Ion Ratio Lower Upper
93 100
63 81.9 63.8 103.8
95 32.3 12.3 52.3





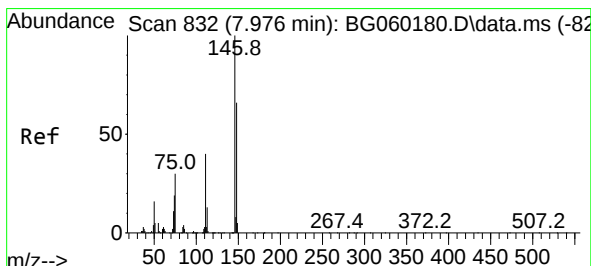
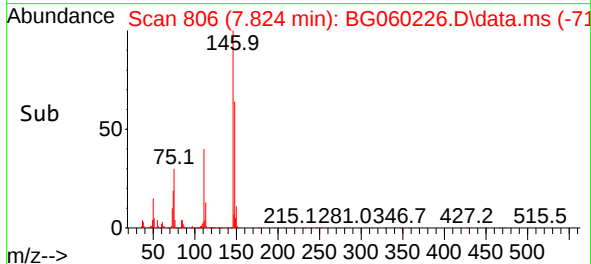
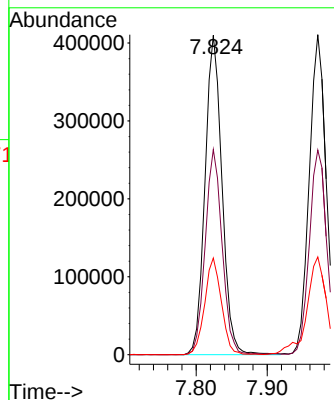
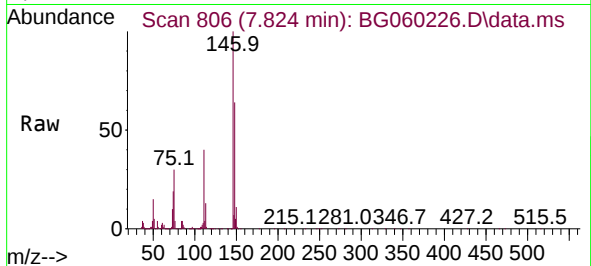
#12
1,3-Dichlorobenzene
Concen: 42.154 ng
RT: 7.824 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :
BNA_G
ClientSampleId :
PB158041BS

Tgt Ion:146 Resp: 681680
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
75 30.2 23.4 35.2

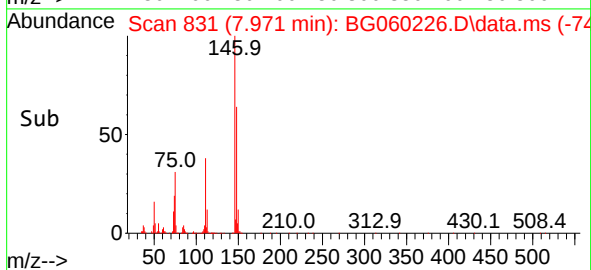
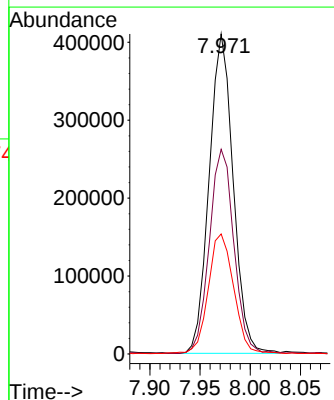
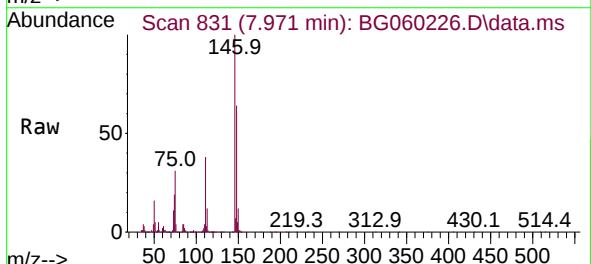
Manual Integrations
APPROVED

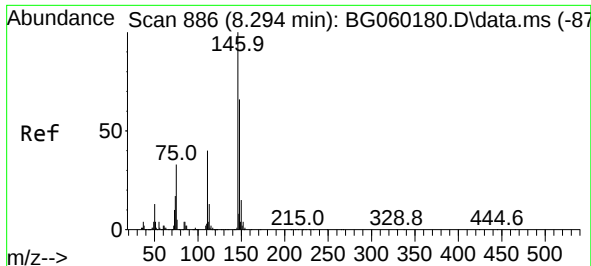
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#13
1,4-Dichlorobenzene
Concen: 41.706 ng
RT: 7.971 min Scan# 831
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:146 Resp: 681834
Ion Ratio Lower Upper
146 100
148 64.0 53.0 79.4
111 37.5 32.0 48.0





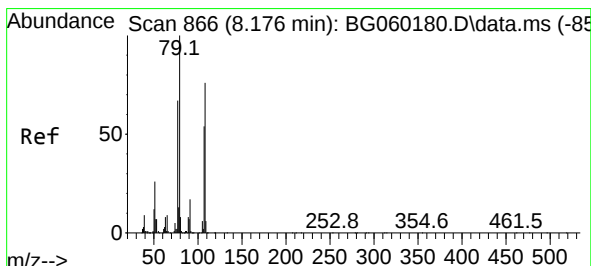
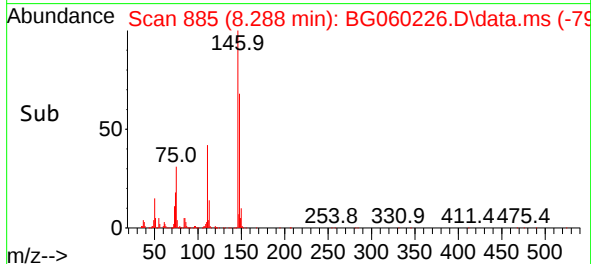
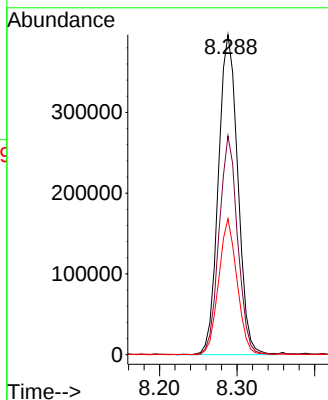
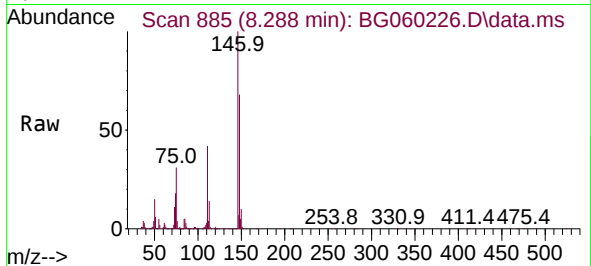
#14
1,2-Dichlorobenzene
Concen: 43.127 ng
RT: 8.288 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :
BNA_G
ClientSampleId :
PB158041BS

Tgt Ion:146 Resp: 689289
Ion Ratio Lower Upper
146 100
148 68.4 52.9 79.3
111 42.5 31.8 47.8

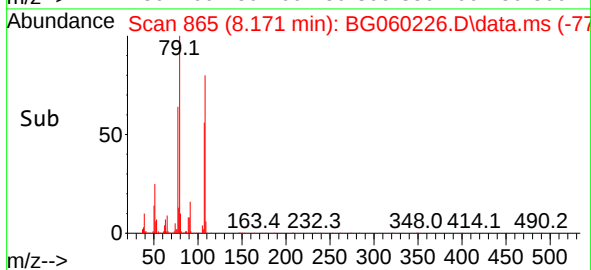
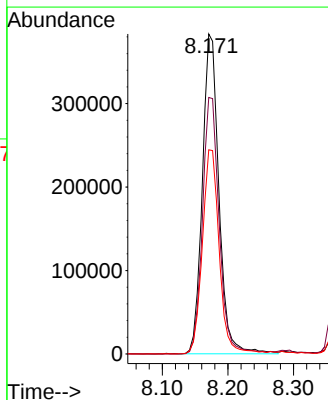
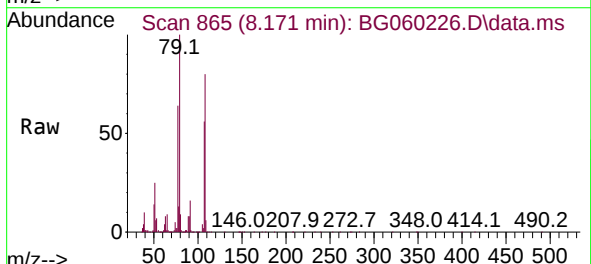
Manual Integrations
APPROVED

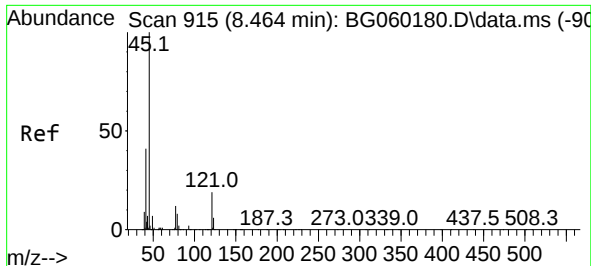
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#15
Benzyl Alcohol
Concen: 53.752 ng
RT: 8.171 min Scan# 865
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion: 79 Resp: 675238
Ion Ratio Lower Upper
79 100
108 80.2 60.6 91.0
77 63.8 53.8 80.6





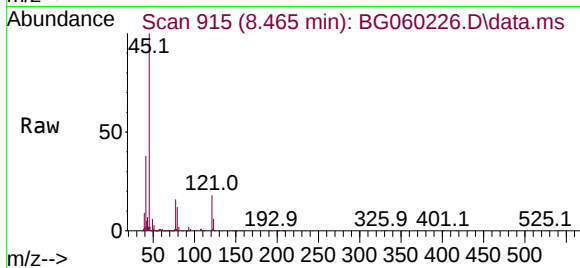
#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.989 ng m
RT: 8.465 min Scan# 915
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

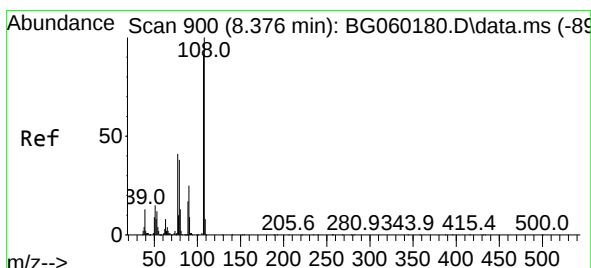
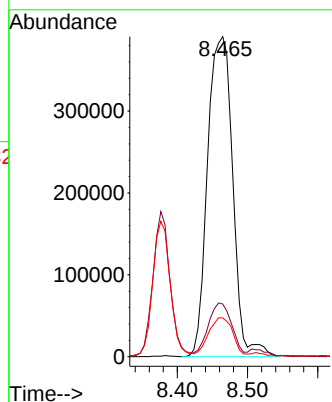
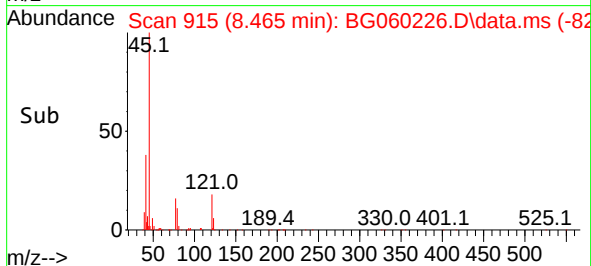


Tgt Ion: 45 Resp: 97475
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.5
79 12.1 0.0 31.5

Manual Integrations

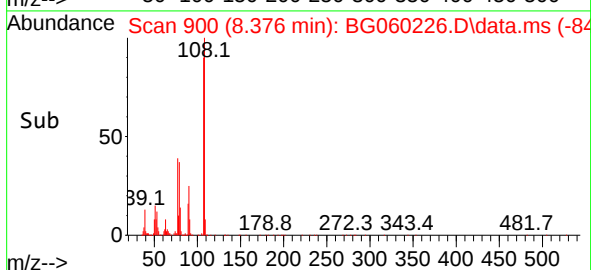
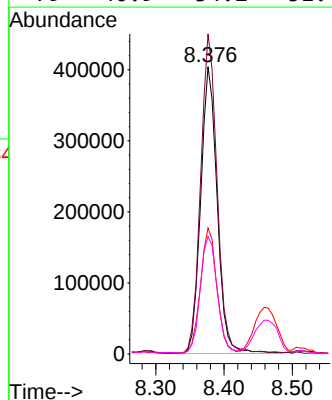
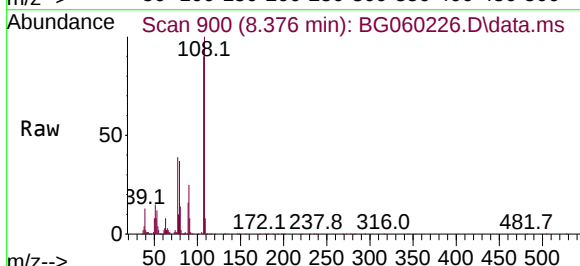
APPROVED

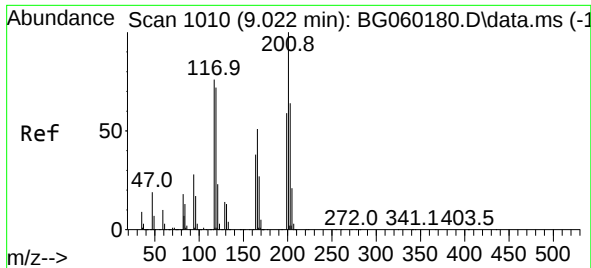
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#17
2-Methylphenol
Concen: 53.007 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:107 Resp: 677384
Ion Ratio Lower Upper
107 100
108 111.4 88.7 133.1
77 43.8 36.4 54.6
79 40.9 34.2 51.4





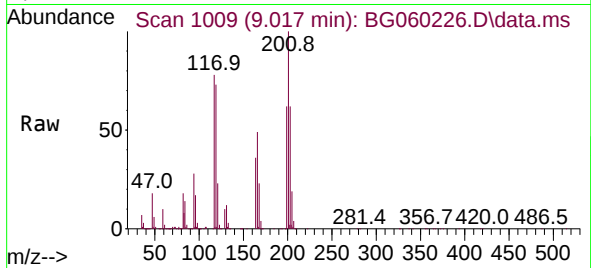
#18
Hexachloroethane
Concen: 44.877 ng
RT: 9.017 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



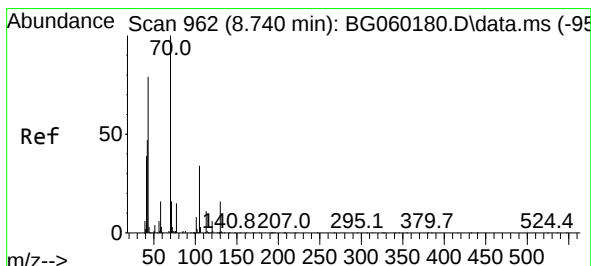
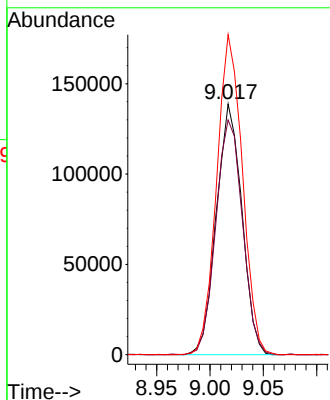
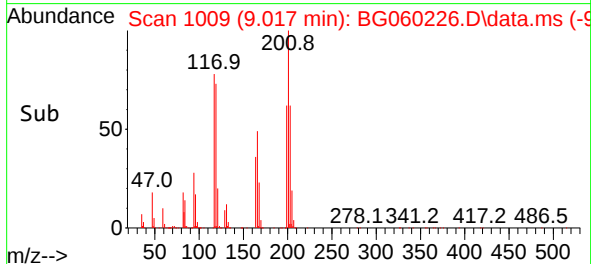
Tgt Ion:117 Resp: 231069
Ion Ratio Lower Upper
117 100
119 93.6 76.0 114.0
201 130.1 107.5 161.3

Manual Integrations

APPROVED

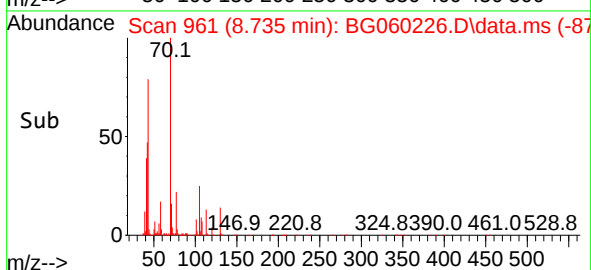
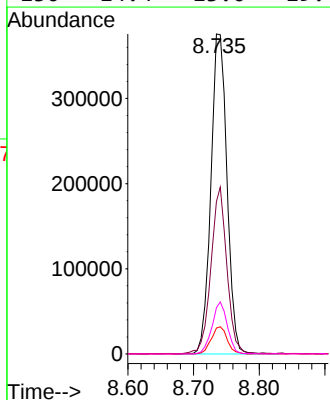
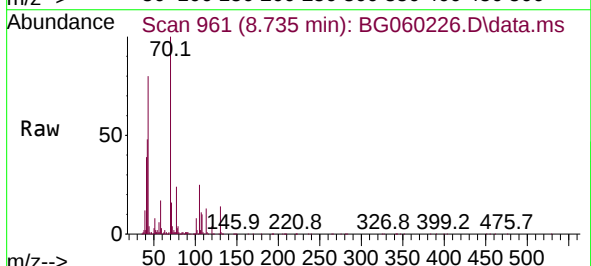
Reviewed By :Yogesh Patel 01/04/2024

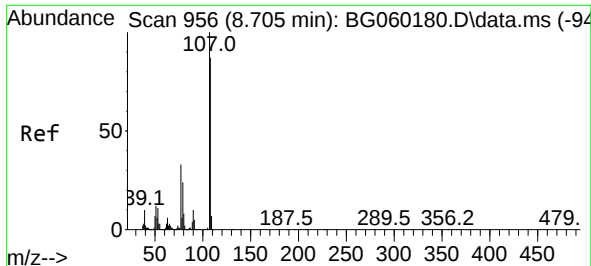
Supervised By :mohammad ahmed 01/04/2024



#19
n-Nitroso-di-n-propylamine
Concen: 46.297 ng
RT: 8.735 min Scan# 961
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion: 70 Resp: 640095
Ion Ratio Lower Upper
70 100
42 47.6 37.9 56.9
101 8.1 6.2 9.2
130 14.4 13.0 19.4





#20

3+4-Methylphenols

Concen: 51.318 ng

RT: 8.705 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG060226.D

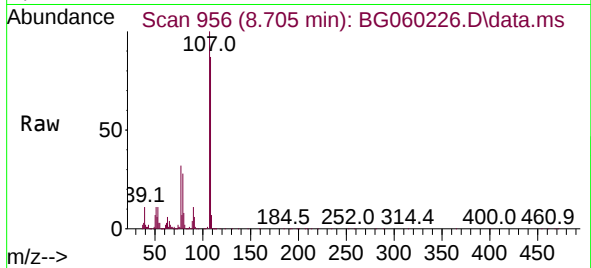
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



Tgt Ion:107 Resp: 929472

Ion Ratio Lower Upper

107 100

108 87.3 67.4 107.4

77 31.9 12.8 52.8

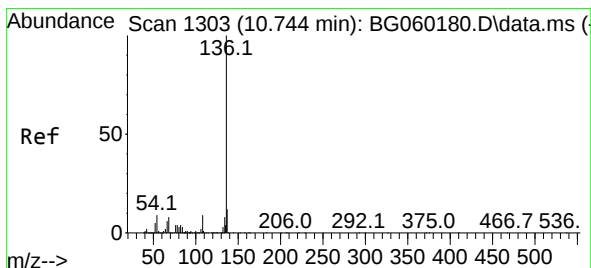
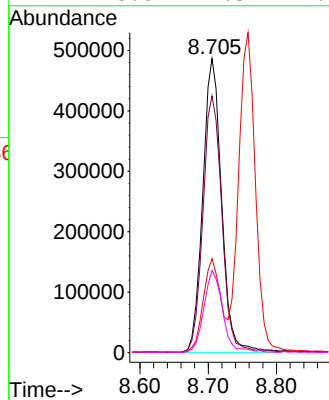
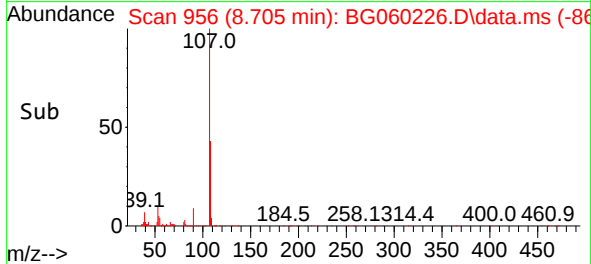
79 28.0 4.5 44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.738 min Scan# 1302

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Tgt Ion:136 Resp: 876888

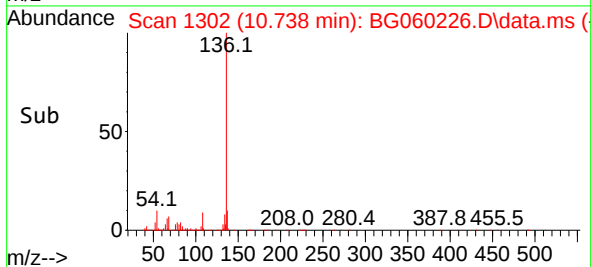
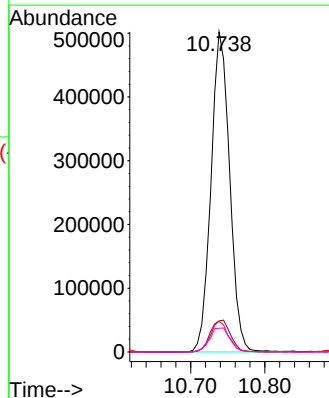
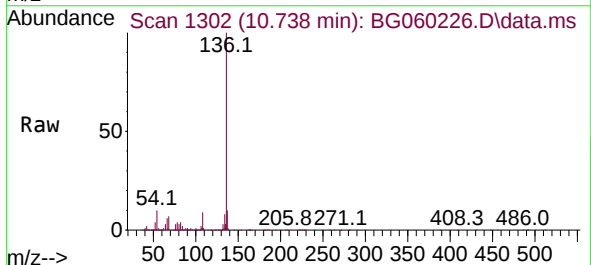
Ion Ratio Lower Upper

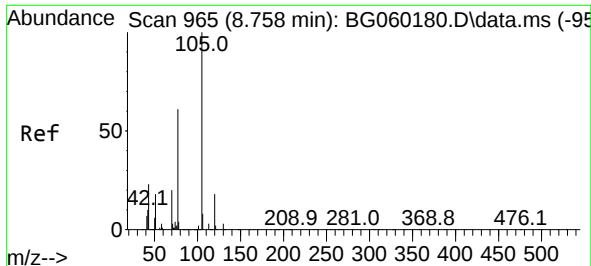
136 100

137 9.7 9.4 14.0

54 9.6 7.4 11.2

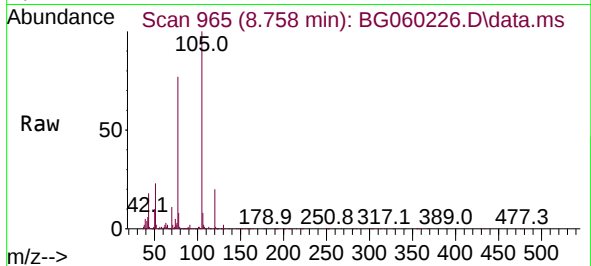
68 7.4 6.2 9.4





#22
Acetophenone
Concen: 45.118 ng
RT: 8.758 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

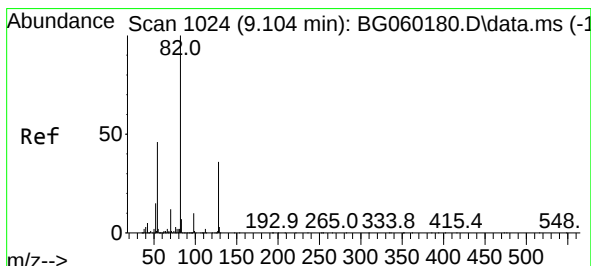
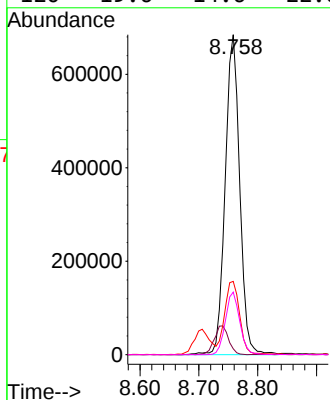
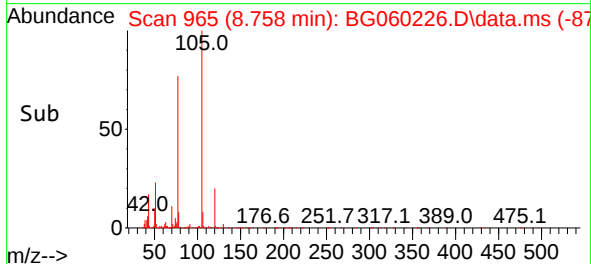
Instrument :
BNA_G
ClientSampleId :
PB158041BS



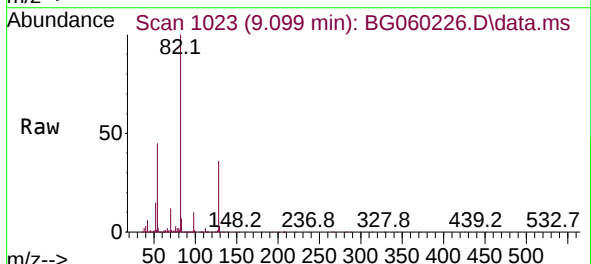
Tgt Ion:105 Resp: 117220
Ion Ratio Lower Upper
105 100
71 1.8 2.6 3.8
51 22.9 20.0 30.0
120 19.6 14.6 22.0

Manual Integrations
APPROVED

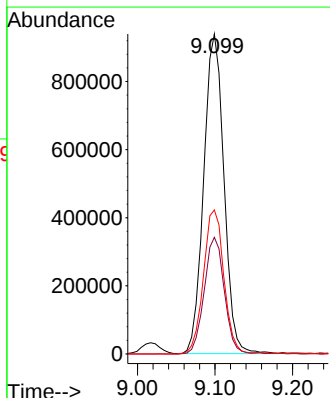
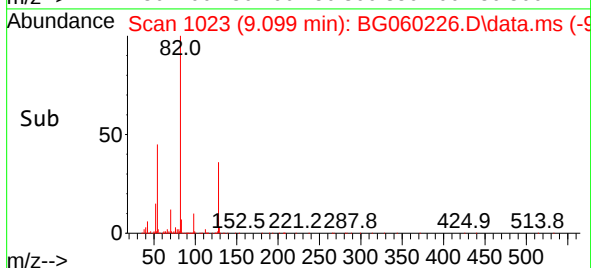
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

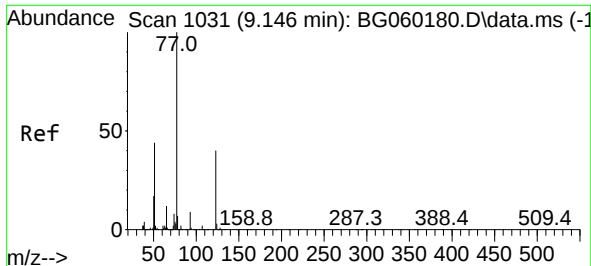


#23
Nitrobenzene-d5
Concen: 89.690 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



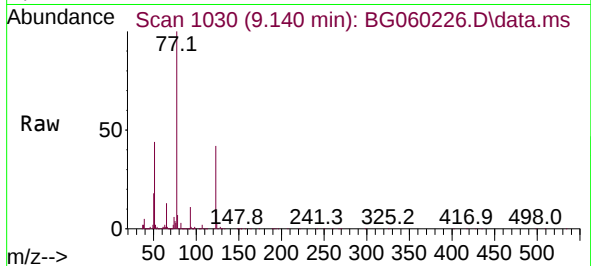
Tgt Ion: 82 Resp: 1702705
Ion Ratio Lower Upper
82 100
128 36.5 28.7 43.1
54 45.0 36.9 55.3





#24
Nitrobenzene
Concen: 45.003 ng
RT: 9.140 min Scan# 1031
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

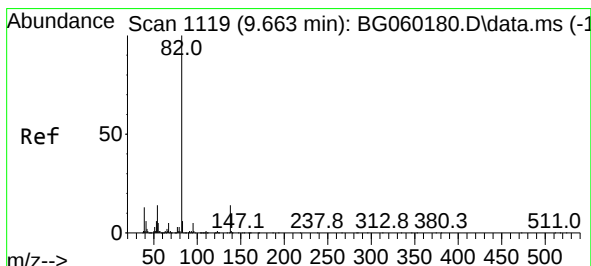
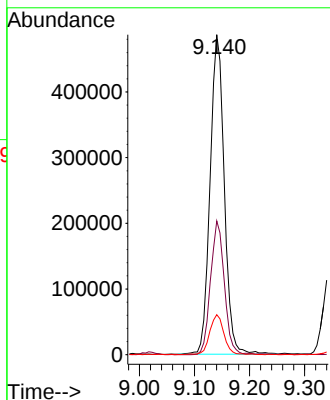
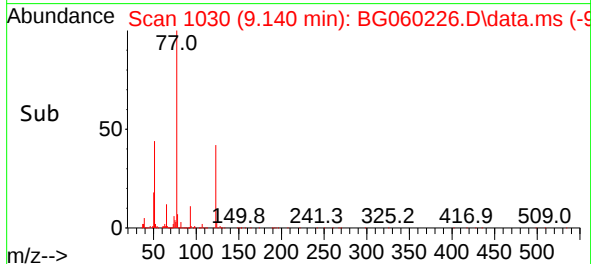
Instrument :
BNA_G
ClientSampleId :
PB158041BS



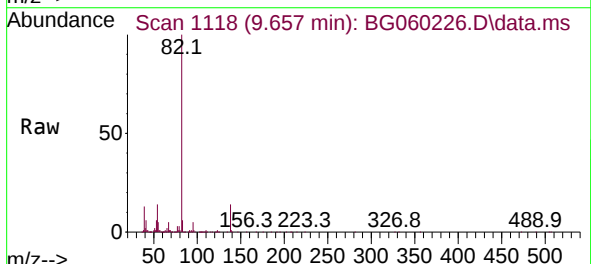
Tgt Ion: 77 Resp: 874120
Ion Ratio Lower Upper
77 100
123 41.8 31.9 47.9
65 12.5 9.9 14.9

Manual Integrations
APPROVED

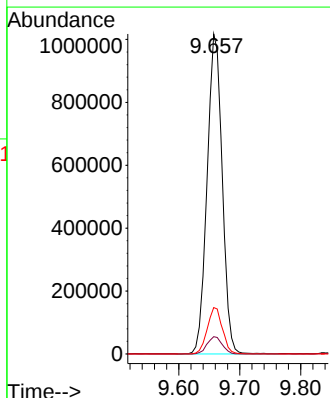
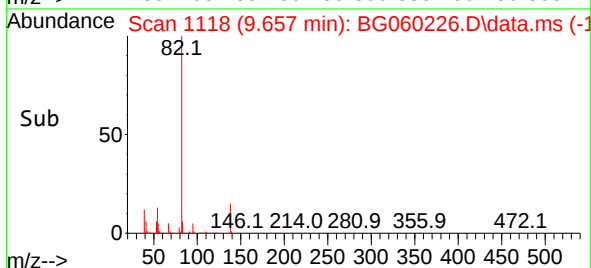
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

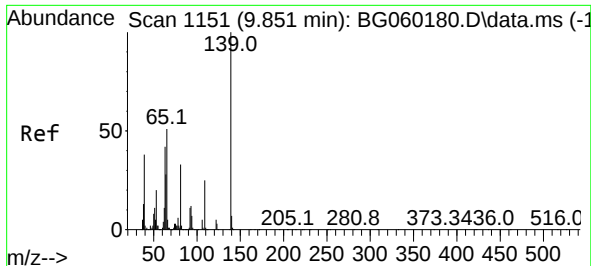


#25
Isophorone
Concen: 44.117 ng
RT: 9.657 min Scan# 1118
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion: 82 Resp: 1752294
Ion Ratio Lower Upper
82 100
95 5.4 4.4 6.6
138 14.5 11.5 17.3





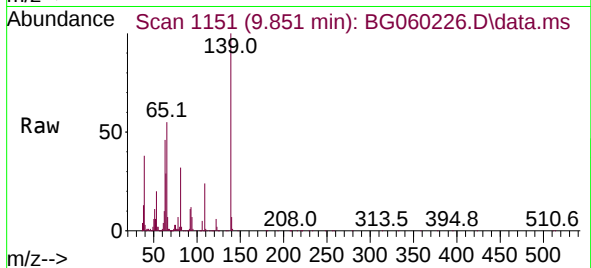
#26
2-Nitrophenol
Concen: 54.123 ng
RT: 9.851 min Scan# 1151
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

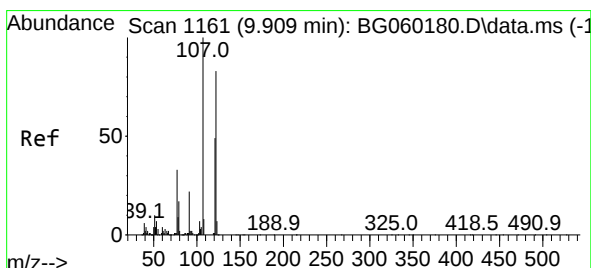
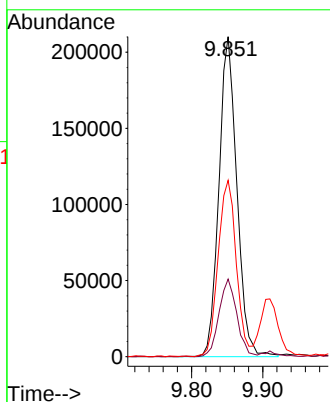
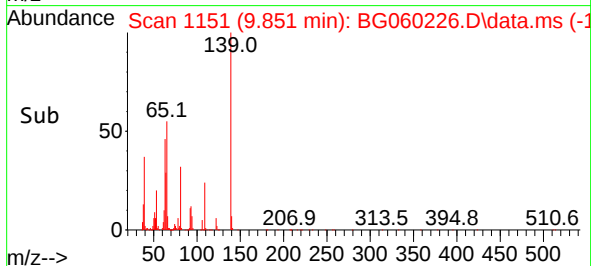
PB158041BS



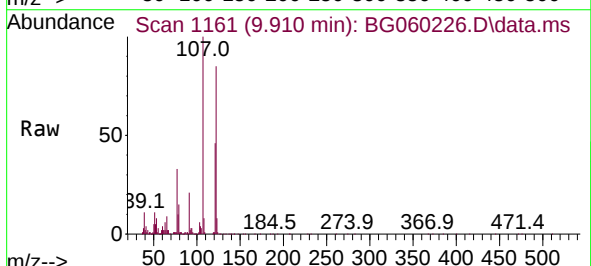
Tgt Ion:139 Resp: 366844
Ion Ratio Lower Upper
139 100
109 24.3 19.8 29.8
65 55.1 40.8 61.2

Manual Integrations
APPROVED

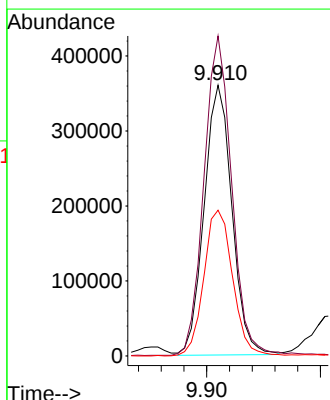
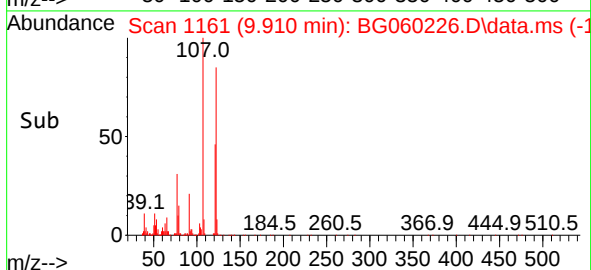
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

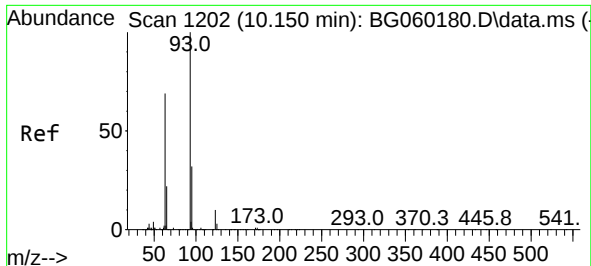


#27
2,4-Dimethylphenol
Concen: 63.775 ng
RT: 9.910 min Scan# 1161
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:122 Resp: 612299
Ion Ratio Lower Upper
122 100
107 118.2 95.8 143.6
121 53.9 46.2 69.4





#28
bis(2-Chloroethoxy)methane
Concen: 46.619 ng
RT: 10.145 min Scan# 1201
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

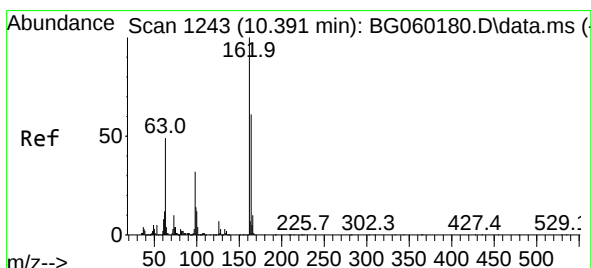
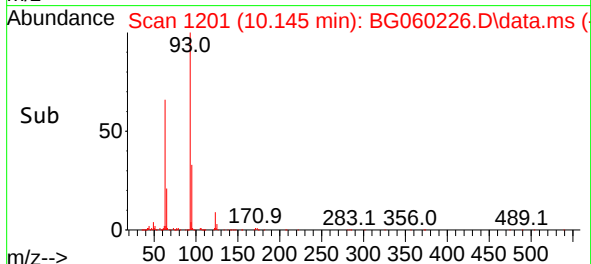
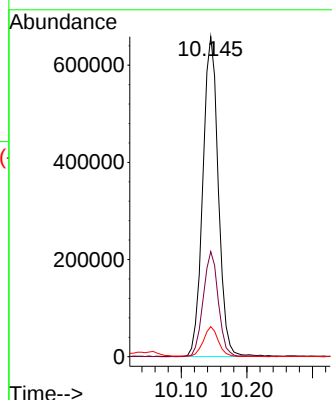
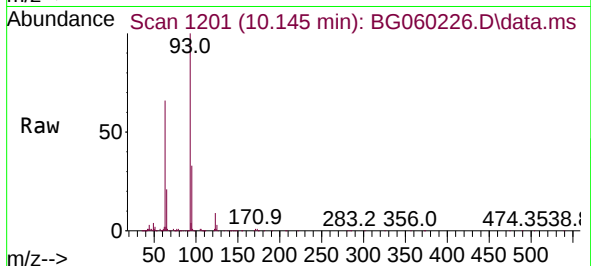
PB158041BS

Tgt Ion: 93 Resp: 1084510
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 9.4 7.8 11.6

Manual Integrations

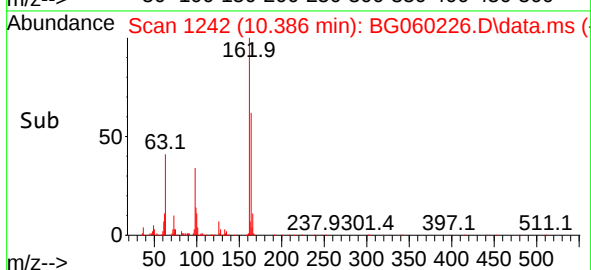
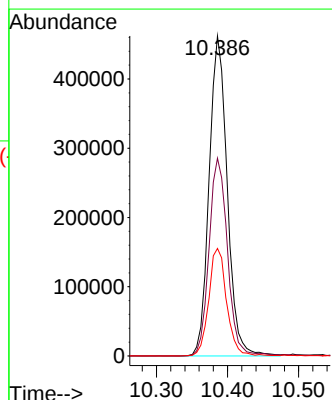
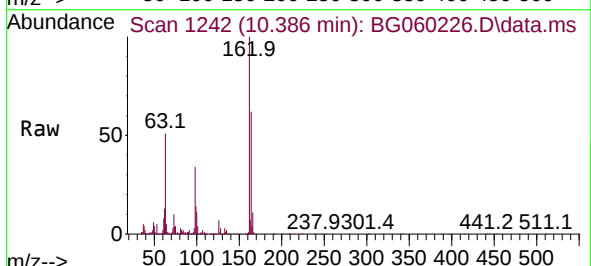
APPROVED

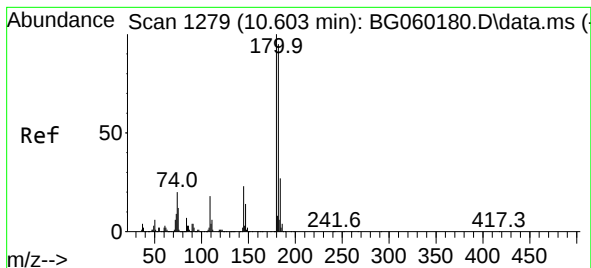
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#29
2,4-Dichlorophenol
Concen: 54.085 ng
RT: 10.386 min Scan# 1242
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

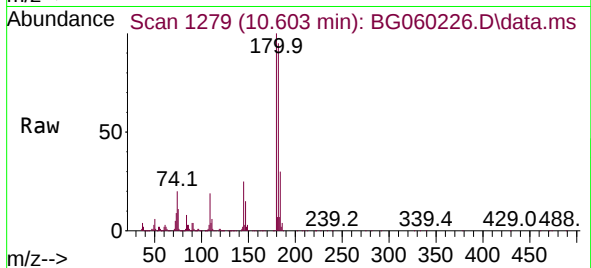
Tgt Ion:162 Resp: 820674
Ion Ratio Lower Upper
162 100
164 61.8 40.7 80.7
98 33.6 11.7 51.7





#30
1,2,4-Trichlorobenzene
Concen: 43.200 ng
RT: 10.603 min Scan# 1279
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

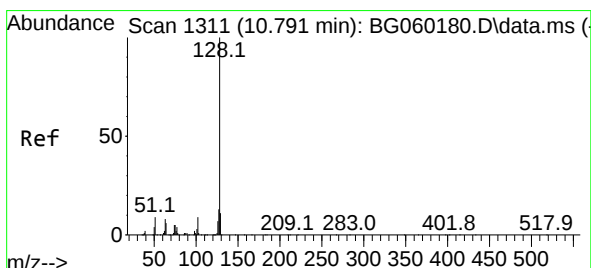
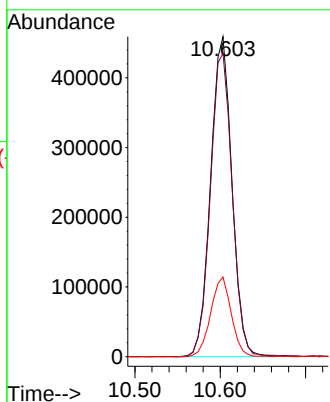
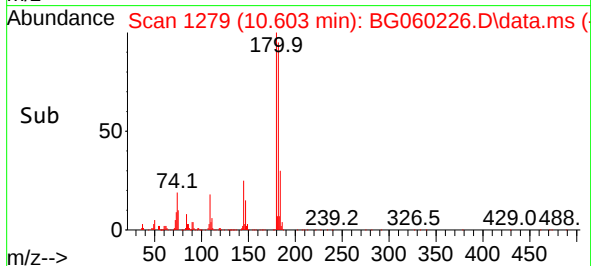
Instrument :
BNA_G
ClientSampleId :
PB158041BS



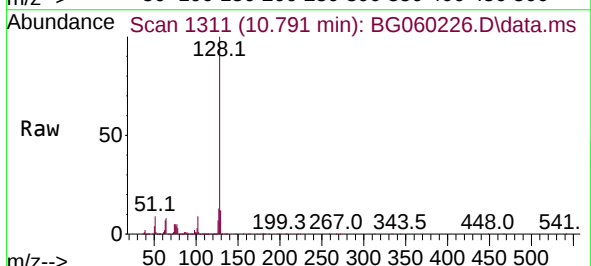
Tgt Ion:180 Resp: 797829
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 24.9 18.4 27.6

Manual Integrations
APPROVED

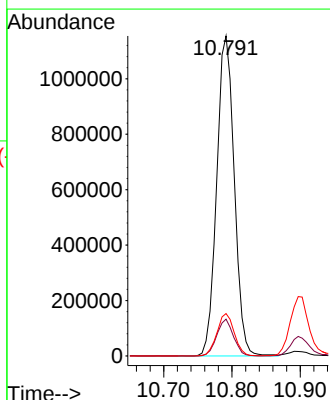
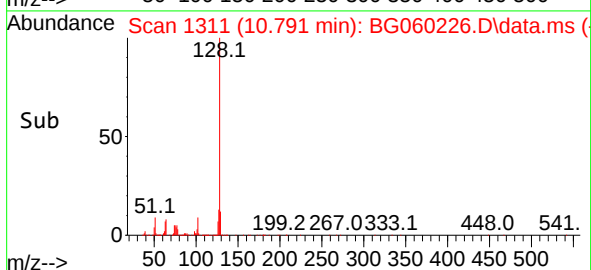
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

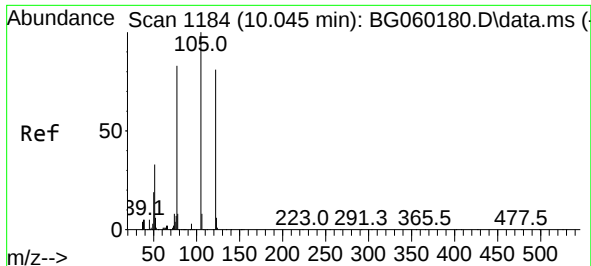


#31
Naphthalene
Concen: 44.682 ng
RT: 10.791 min Scan# 1311
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



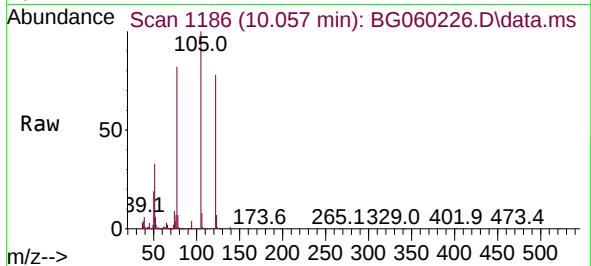
Tgt Ion:128 Resp: 2068498
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.6 16.0





#32
Benzoic acid
Concen: 52.206 ng
RT: 10.057 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

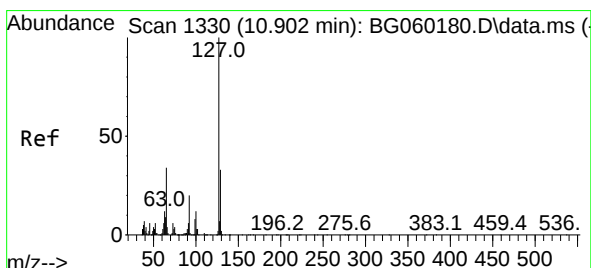
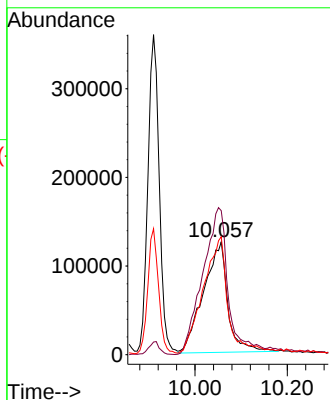
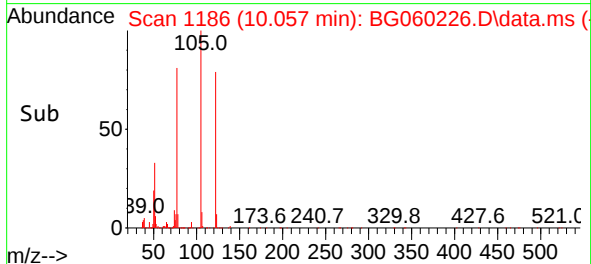
Instrument :
BNA_G
ClientSampleId :
PB158041BS



Tgt Ion:122 Resp: 45775
Ion Ratio Lower Upper
122 100
105 127.5 99.2 139.2
77 104.5 81.0 121.0

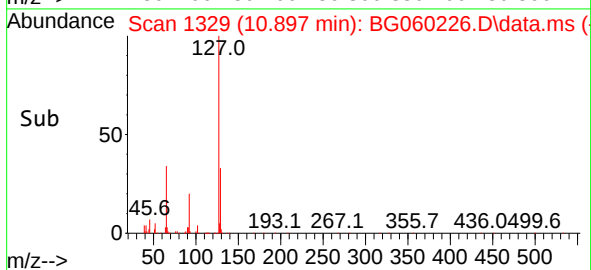
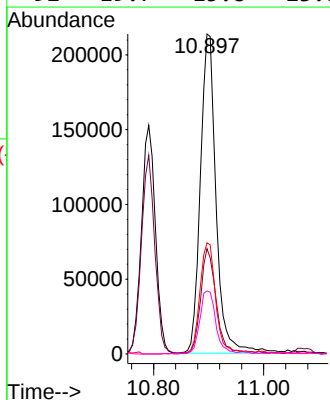
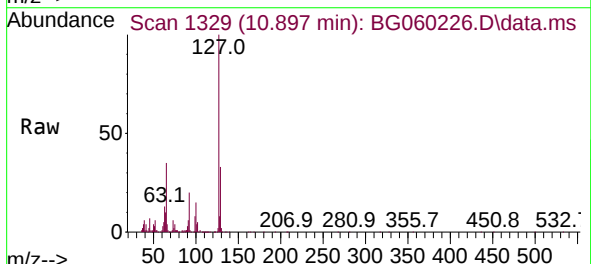
Manual Integrations
APPROVED

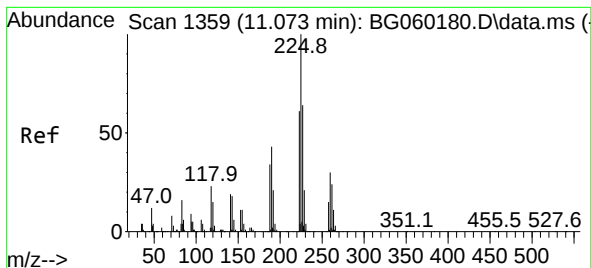
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#33
4-Chloroaniline
Concen: 23.398 ng
RT: 10.897 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:127 Resp: 423033
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 34.8 27.4 41.0
92 19.7 15.8 23.8





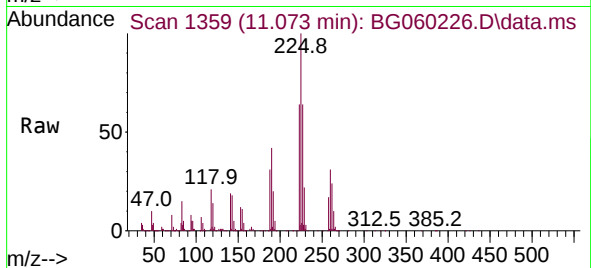
#34
Hexachlorobutadiene
Concen: 41.710 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



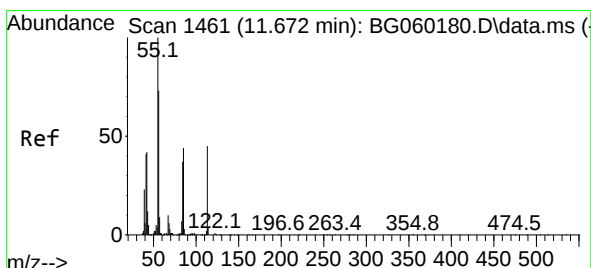
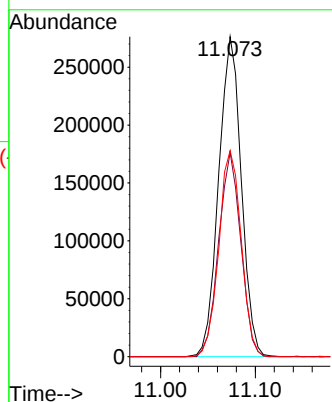
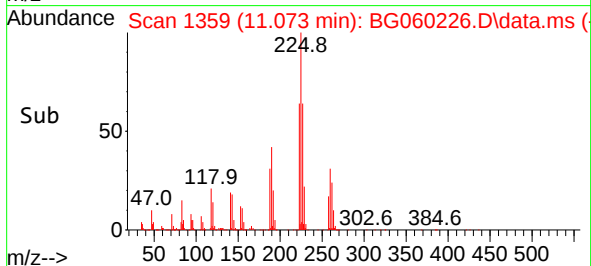
Tgt Ion:225 Resp: 458140
Ion Ratio Lower Upper
225 100
223 61.1 49.0 73.6
227 64.7 51.0 76.4

Manual Integrations

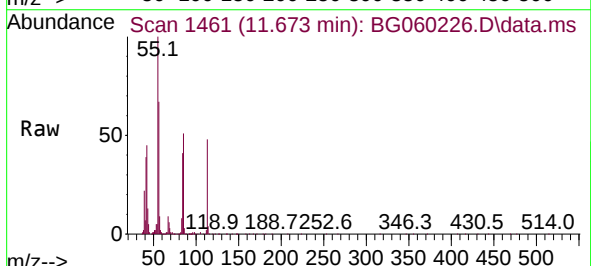
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

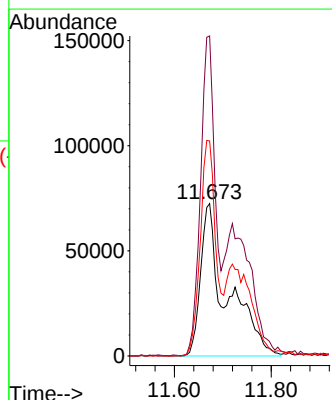
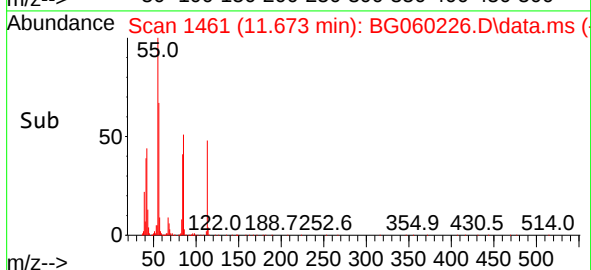
Supervised By :mohammad ahmed 01/04/2024

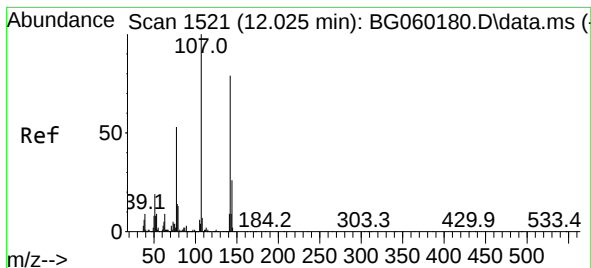


#35
Caprolactam
Concen: 53.644 ng m
RT: 11.673 min Scan# 1461
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



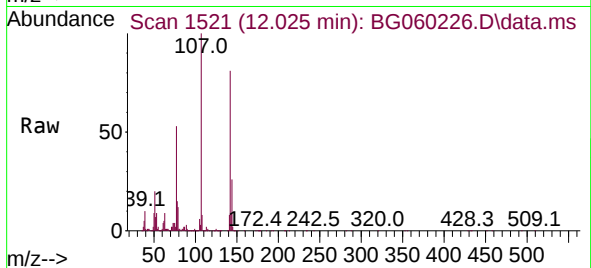
Tgt Ion:113 Resp: 270766
Ion Ratio Lower Upper
113 100
55 210.1 202.1 242.1
56 141.2 142.4 182.4#





#36
4-Chloro-3-methylphenol
Concen: 53.179 ng
RT: 12.025 min Scan# 1521
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

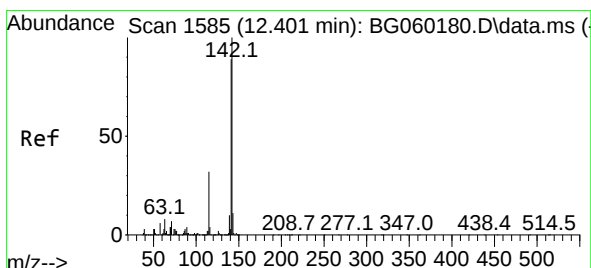
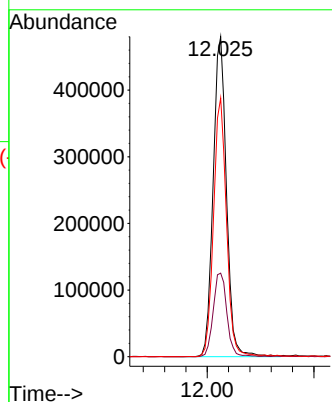
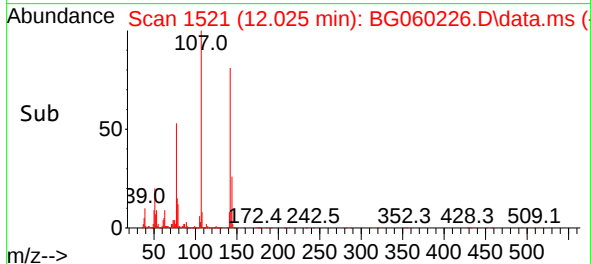
Instrument :
BNA_G
ClientSampleId :
PB158041BS



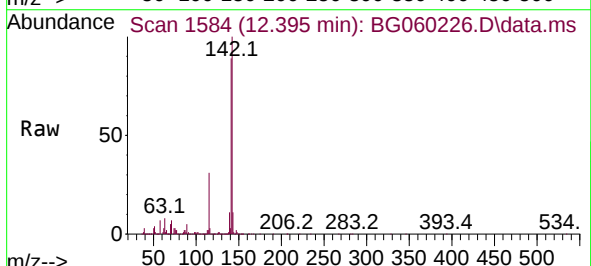
Tgt Ion:107 Resp: 83044
Ion Ratio Lower Upper
107 100
144 26.1 20.8 31.2
142 80.8 63.4 95.2

Manual Integrations
APPROVED

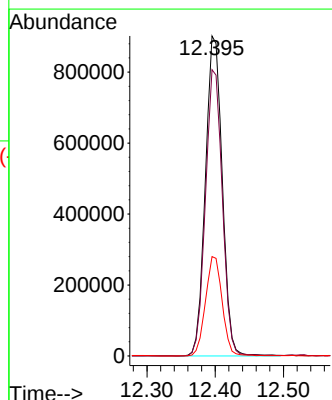
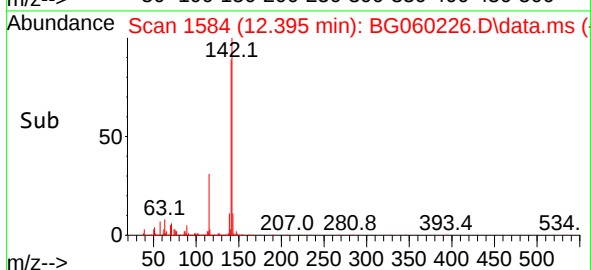
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

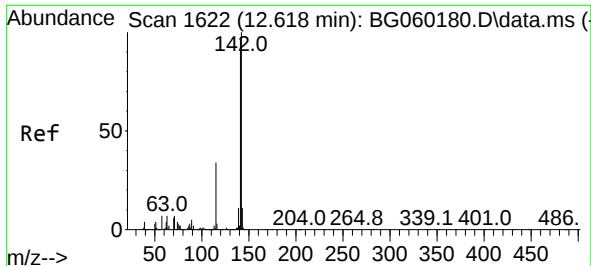


#37
2-Methylnaphthalene
Concen: 46.413 ng
RT: 12.395 min Scan# 1584
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:142 Resp: 1551974
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7
115 31.0 25.5 38.3





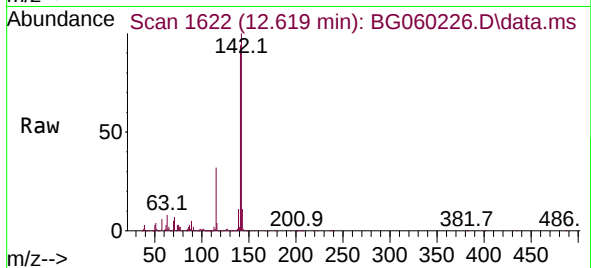
#38
1-Methylnaphthalene
Concen: 45.132 ng
RT: 12.619 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



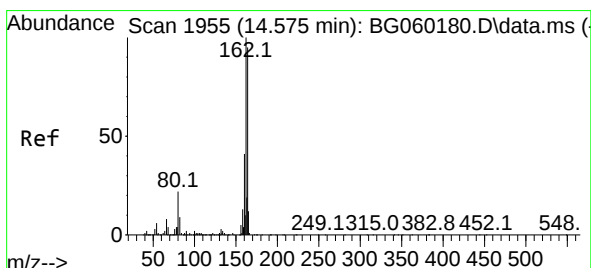
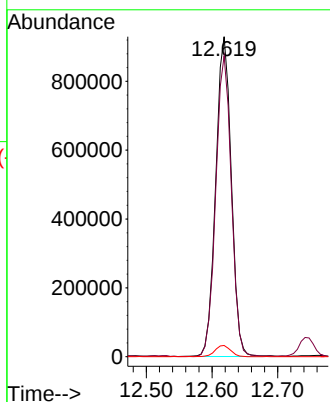
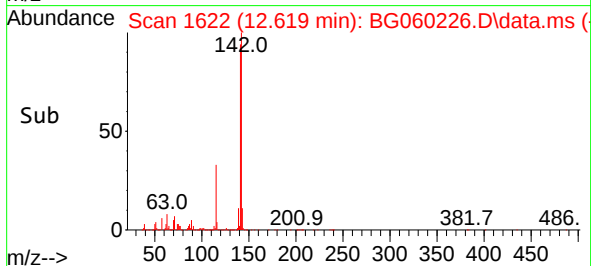
Tgt Ion:142 Resp: 1525824
Ion Ratio Lower Upper
142 100
141 93.9 76.6 114.8
116 3.5 2.6 3.8

Manual Integrations

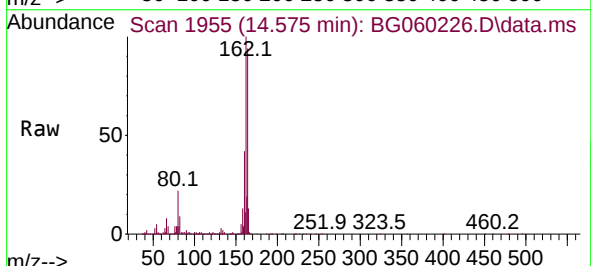
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

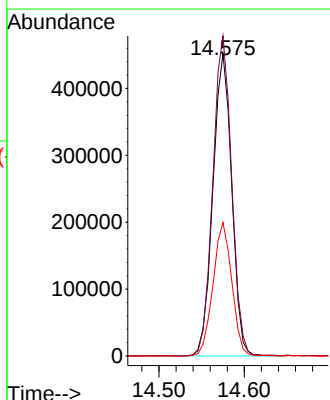
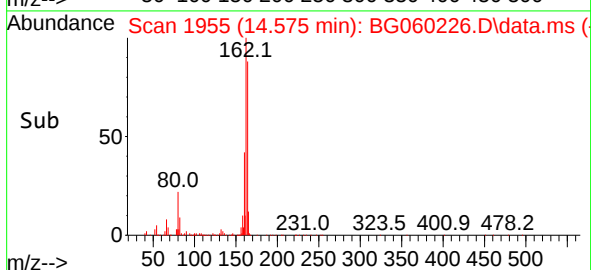
Supervised By :mohammad ahmed 01/04/2024

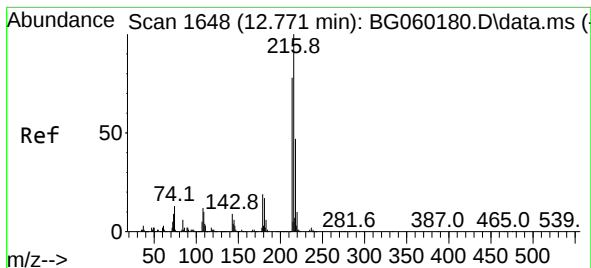


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



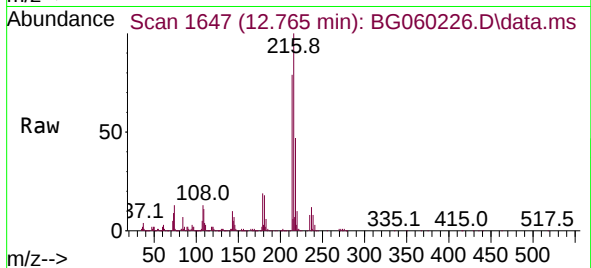
Tgt Ion:164 Resp: 691428
Ion Ratio Lower Upper
164 100
162 105.9 83.9 125.9
160 44.1 34.2 51.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.035 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

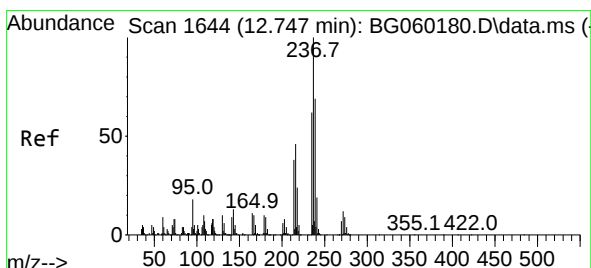
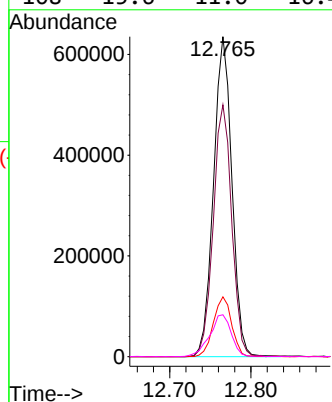
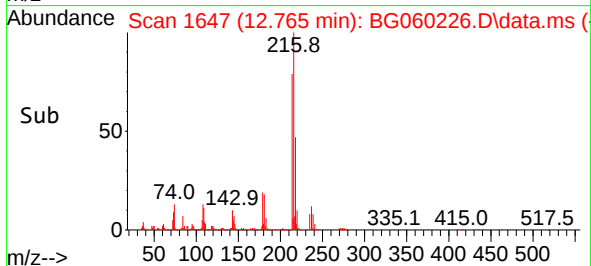
Instrument :
BNA_G
ClientSampleId :
PB158041BS



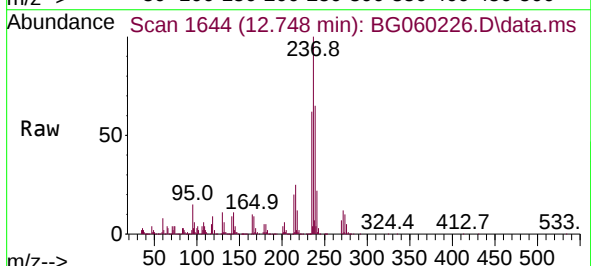
Tgt Ion:216 Resp: 997430
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 18.7 15.2 22.8
108 15.6 11.0 16.4

Manual Integrations
APPROVED

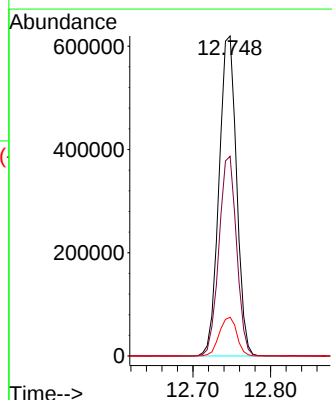
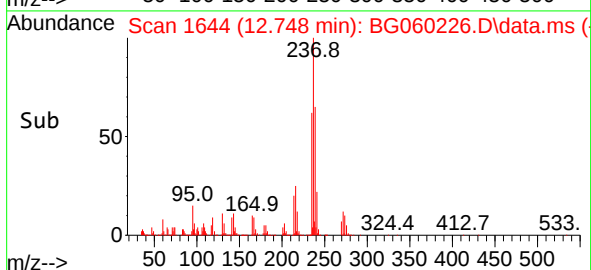
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

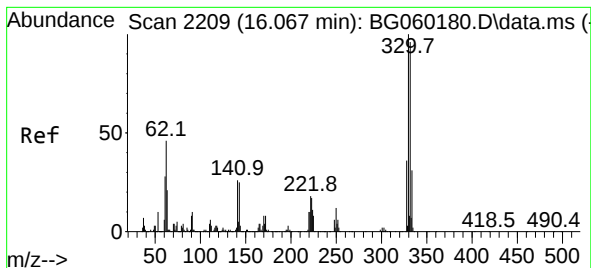


#41
Hexachlorocyclopentadiene
Concen: 136.071 ng
RT: 12.748 min Scan# 1644
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:237 Resp: 974098
Ion Ratio Lower Upper
237 100
235 62.4 42.2 82.2
272 12.1 0.0 32.0





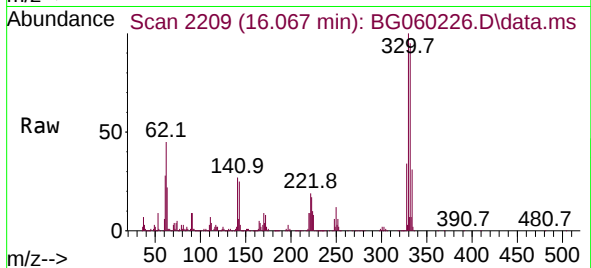
#42
2,4,6-Tribromophenol
Concen: 146.149 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



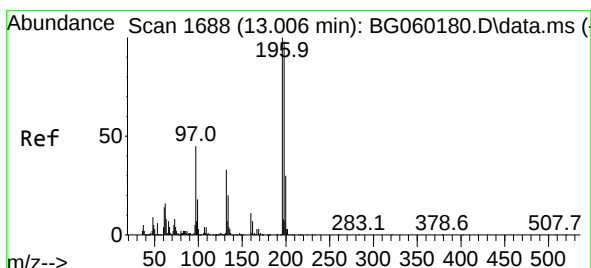
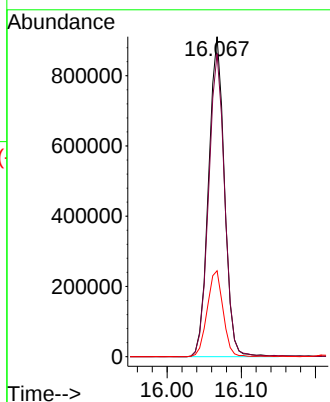
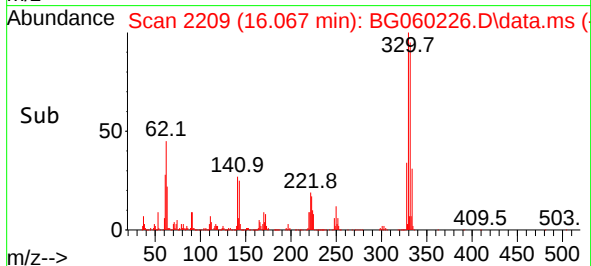
Tgt Ion:330 Resp: 1352679
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 26.9 21.0 31.4

Manual Integrations

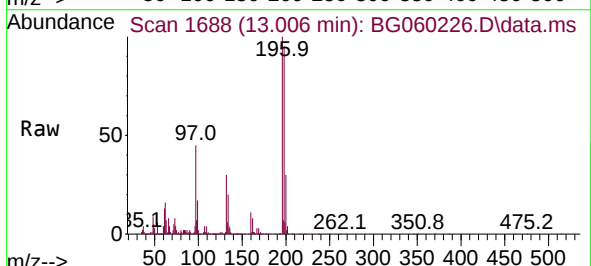
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

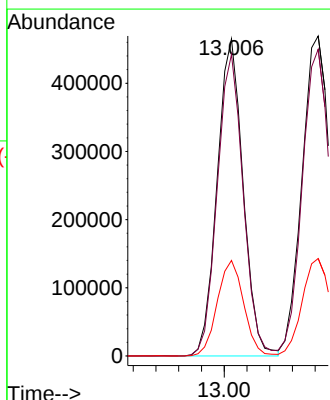
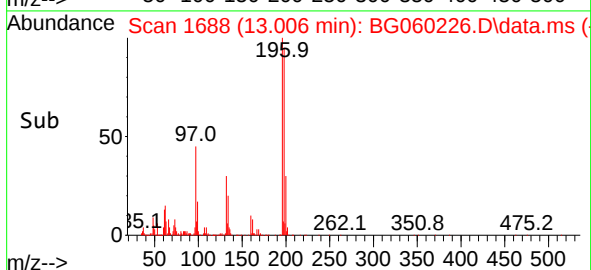
Supervised By :mohammad ahmed 01/04/2024

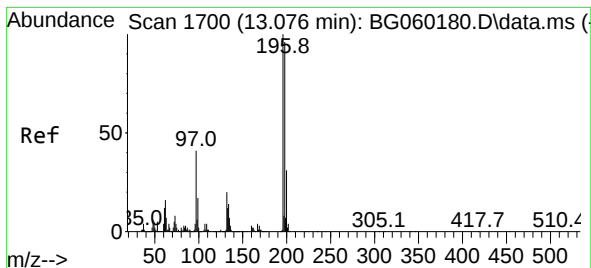


#43
2,4,6-Trichlorophenol
Concen: 50.613 ng
RT: 13.006 min Scan# 1688
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:196 Resp: 736629
Ion Ratio Lower Upper
196 100
198 95.1 78.3 117.5
200 30.1 23.9 35.9





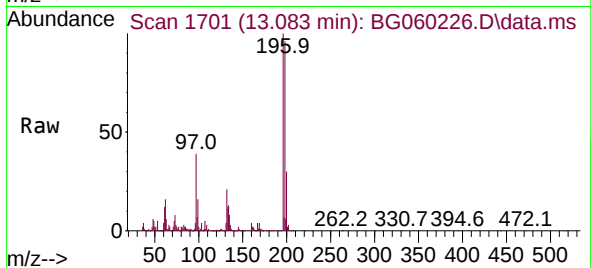
#44
2,4,5-Trichlorophenol
Concen: 50.917 ng
RT: 13.083 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



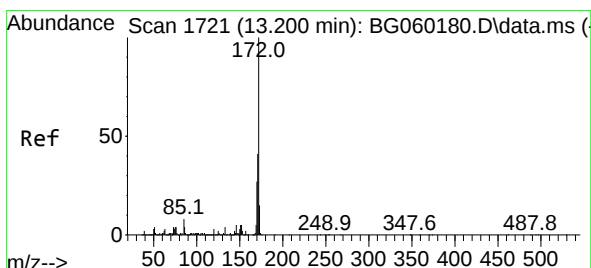
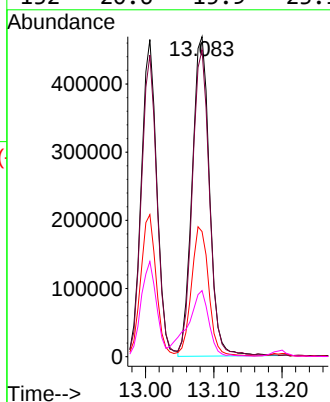
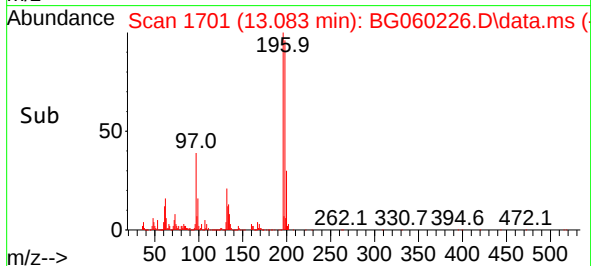
Tgt Ion:196 Resp: 828998
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
97 39.1 32.9 49.3
132 20.6 15.9 23.9

Manual Integrations

APPROVED

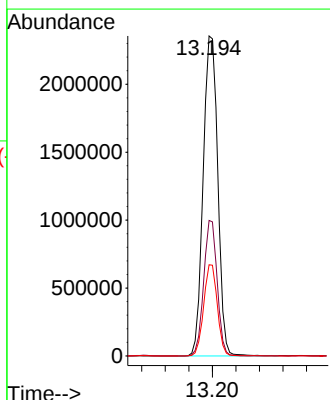
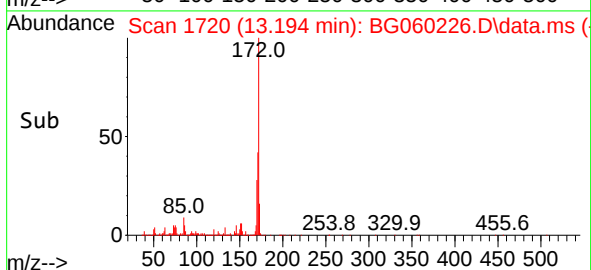
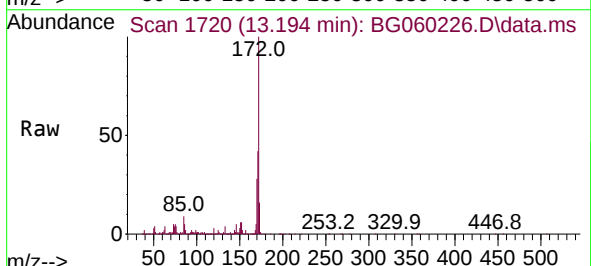
Reviewed By :Yogesh Patel 01/04/2024

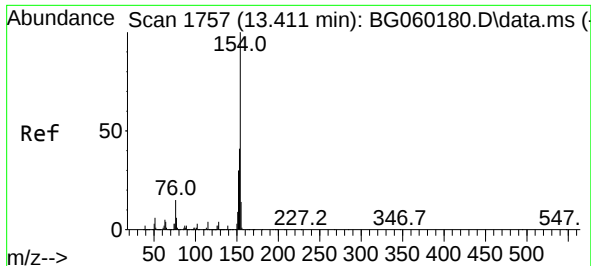
Supervised By :mohammad ahmed 01/04/2024



#45
2-Fluorobiphenyl
Concen: 84.403 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

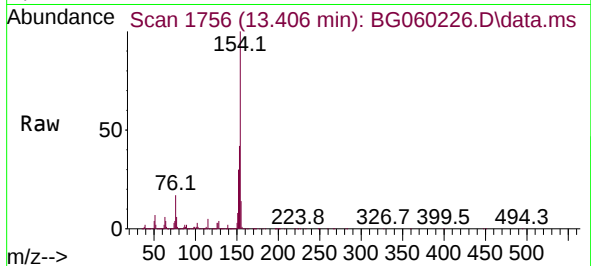
Tgt Ion:172 Resp: 4060497
Ion Ratio Lower Upper
172 100
171 42.3 32.6 48.8
170 28.5 21.8 32.6





#46
1,1'-Biphenyl
Concen: 45.661 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

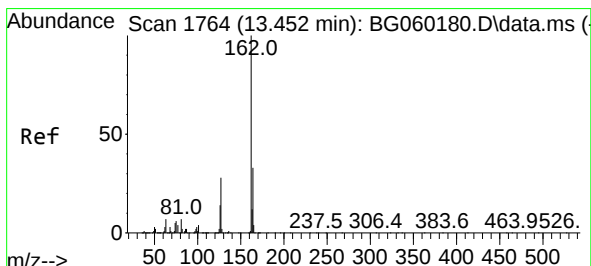
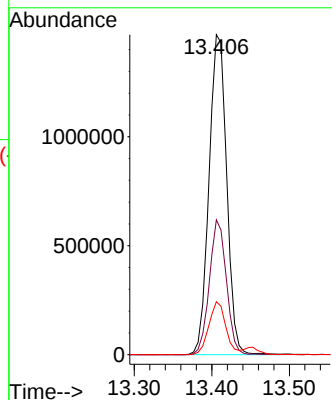
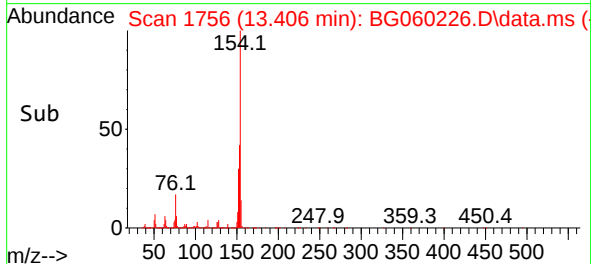
Instrument :
BNA_G
ClientSampleId :
PB158041BS



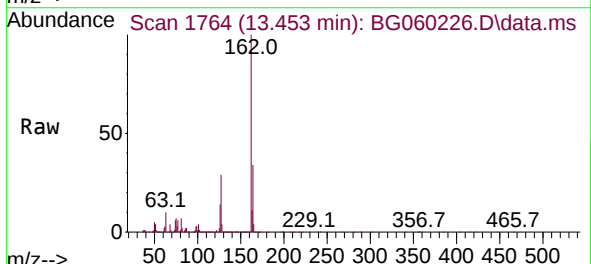
Tgt Ion:154 Resp: 2322804
Ion Ratio Lower Upper
154 100
153 42.1 20.9 60.9
76 16.6 0.0 35.4

Manual Integrations
APPROVED

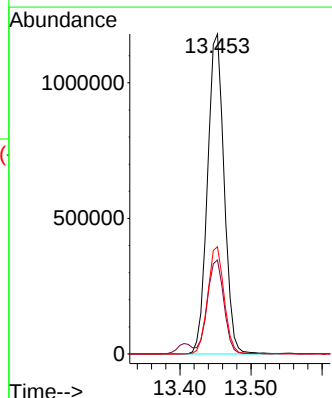
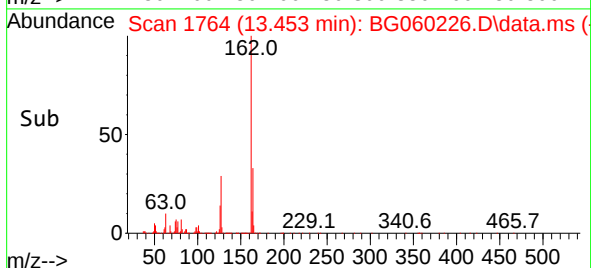
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

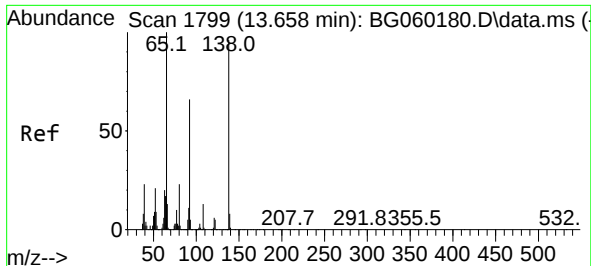


#47
2-Chloronaphthalene
Concen: 44.311 ng
RT: 13.453 min Scan# 1764
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:162 Resp: 1920461
Ion Ratio Lower Upper
162 100
127 29.4 23.0 34.6
164 33.5 26.7 40.1





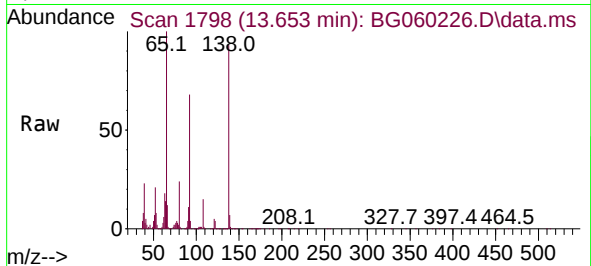
#48
2-Nitroaniline
Concen: 53.683 ng
RT: 13.653 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

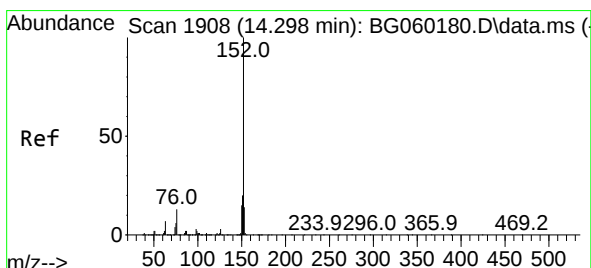
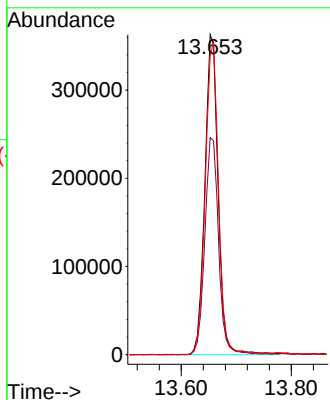
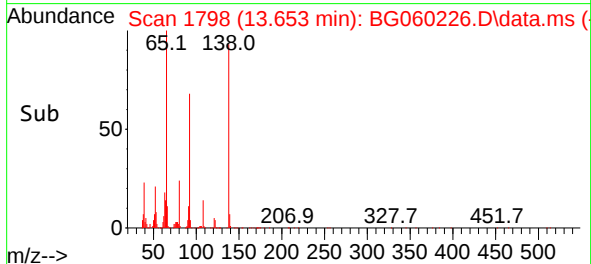
PB158041BS



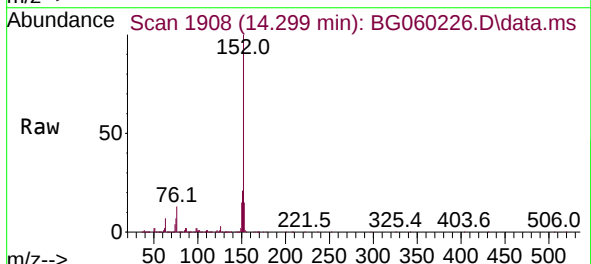
Tgt Ion: 65 Resp: 608044
Ion Ratio Lower Upper
65 100
92 67.9 52.9 79.3
138 93.5 76.4 114.6

Manual Integrations
APPROVED

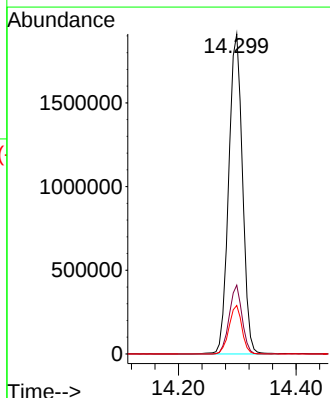
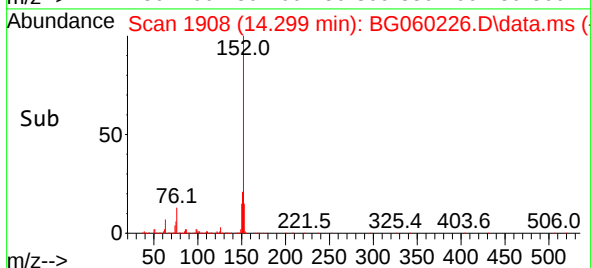
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

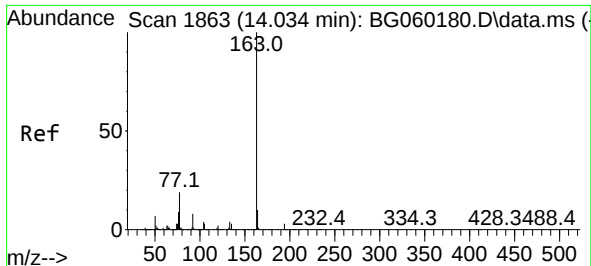


#49
Acenaphthylene
Concen: 49.593 ng
RT: 14.299 min Scan# 1908
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:152 Resp: 3096929
Ion Ratio Lower Upper
152 100
151 21.5 15.8 23.6
153 15.1 11.0 16.6





#50
Dimethylphthalate
Concen: 47.479 ng
RT: 14.029 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

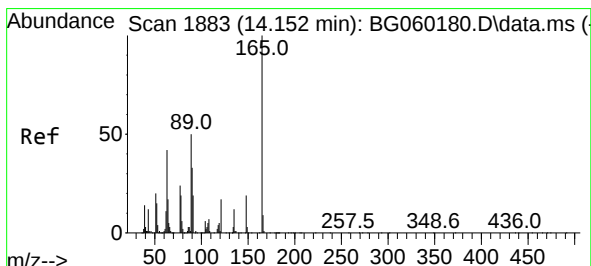
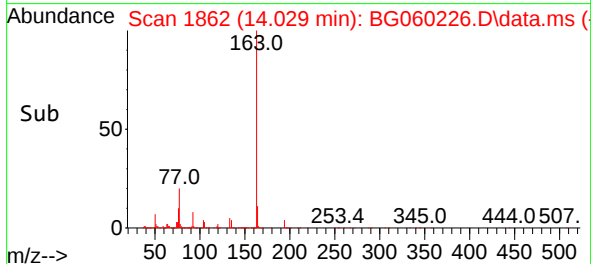
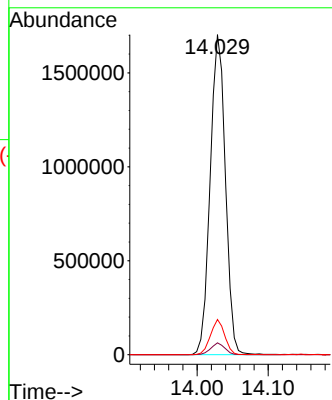
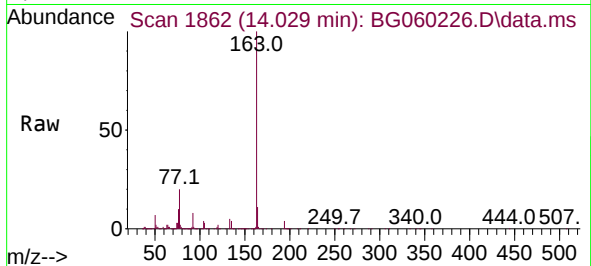
Tgt Ion:163 Resp: 2534570
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 11.0 8.3 12.5

Manual Integrations

APPROVED

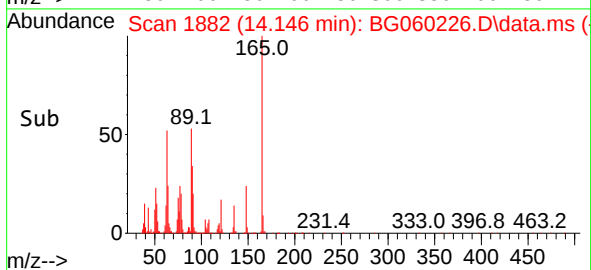
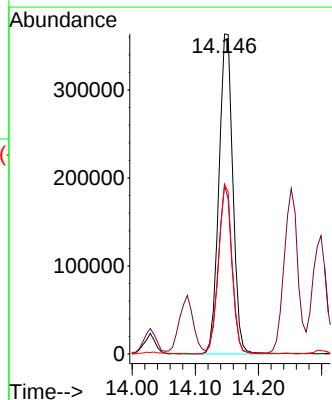
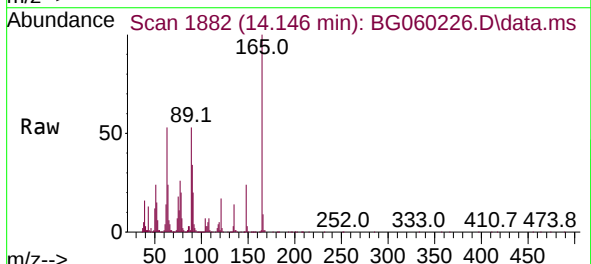
Reviewed By :Yogesh Patel 01/04/2024

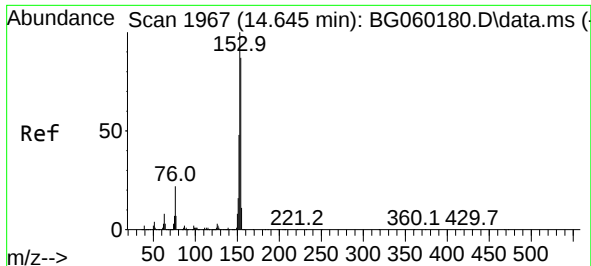
Supervised By :mohammad ahmed 01/04/2024



#51
2,6-Dinitrotoluene
Concen: 50.244 ng
RT: 14.146 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:165 Resp: 557884
Ion Ratio Lower Upper
165 100
63 52.8 39.3 58.9
89 53.0 39.8 59.8





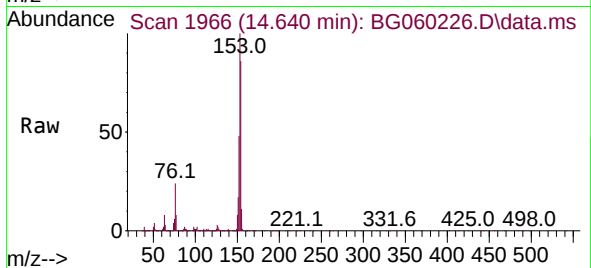
#52
Acenaphthene
Concen: 45.304 ng
RT: 14.640 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

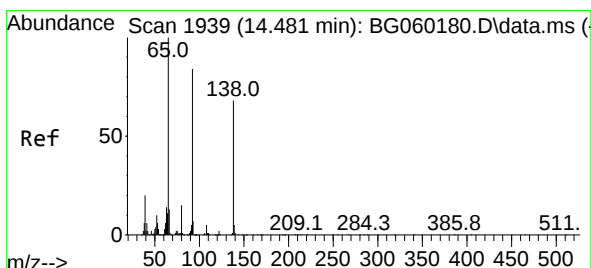
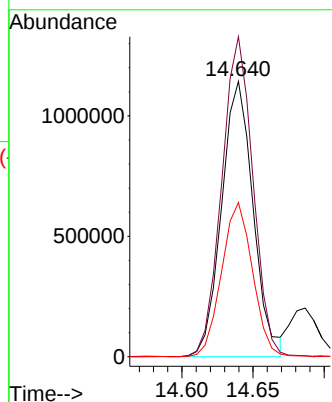
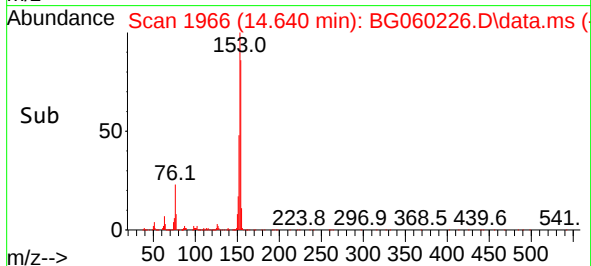


Tgt Ion:154 Resp: 1765400
Ion Ratio Lower Upper
154 100
153 116.2 91.5 137.3
152 55.9 43.8 65.8

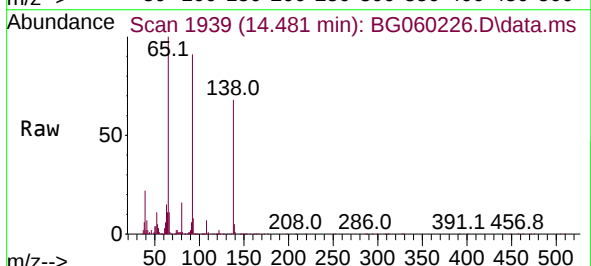
Manual Integrations

APPROVED

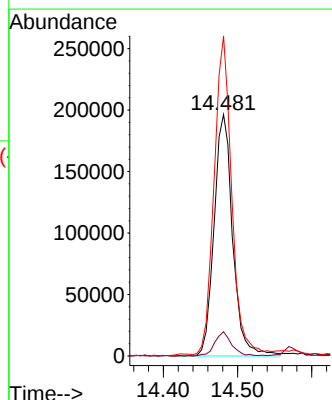
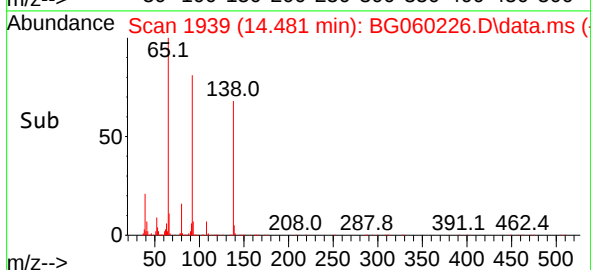
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

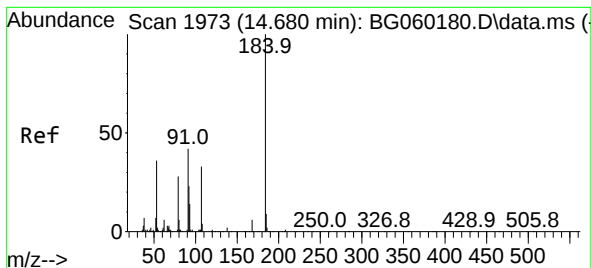


#53
3-Nitroaniline
Concen: 32.621 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:138 Resp: 341299
Ion Ratio Lower Upper
138 100
108 10.0 6.2 9.4#
92 132.6 98.5 147.7





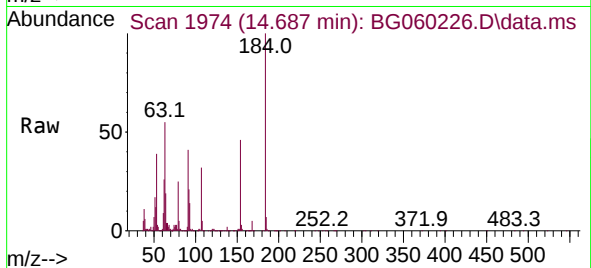
#54
2,4-Dinitrophenol
Concen: 103.437 ng
RT: 14.687 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

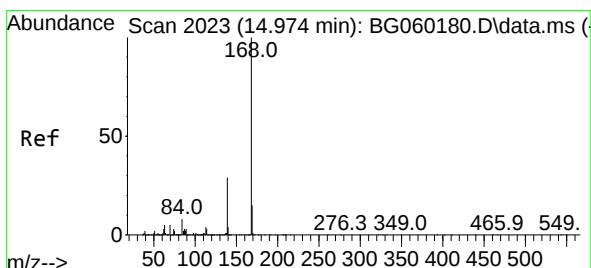
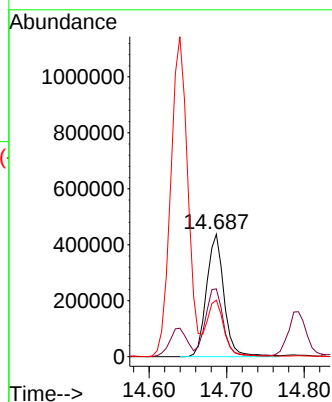
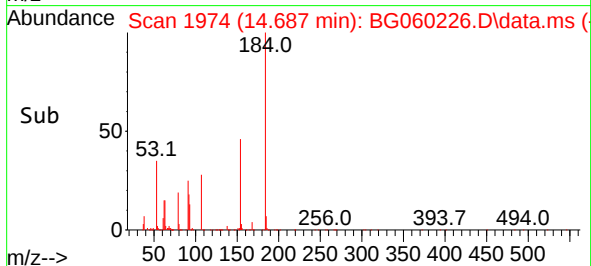


Tgt Ion:184 Resp: 686220
Ion Ratio Lower Upper
184 100
63 55.4 45.4 68.2
154 46.2 40.0 60.0

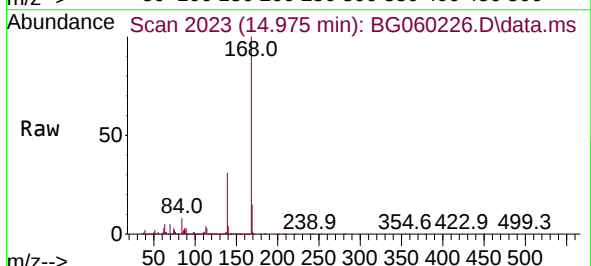
Manual Integrations

APPROVED

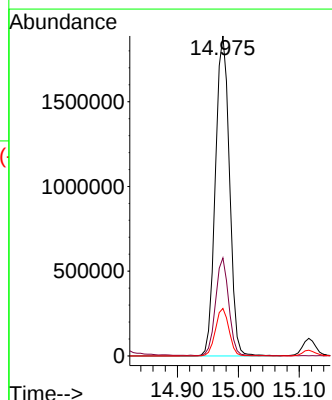
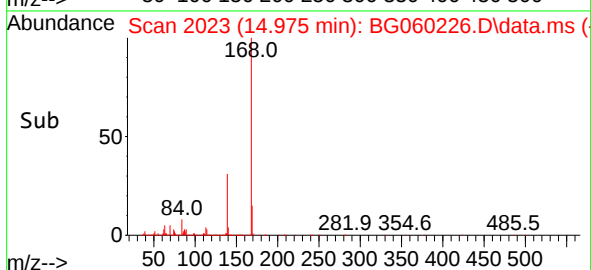
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

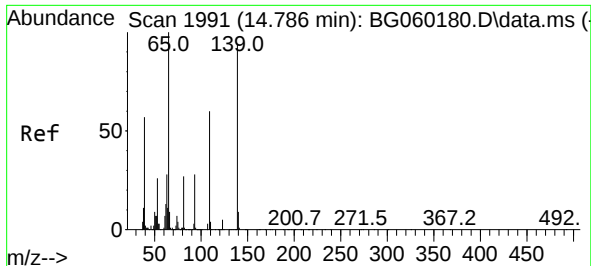


#55
Dibenzofuran
Concen: 46.390 ng
RT: 14.975 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



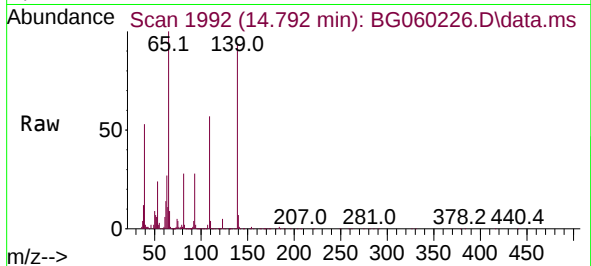
Tgt Ion:168 Resp: 3028077
Ion Ratio Lower Upper
168 100
139 30.6 23.1 34.7
169 14.9 11.9 17.9





#56
4-Nitrophenol
Concen: 115.017 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

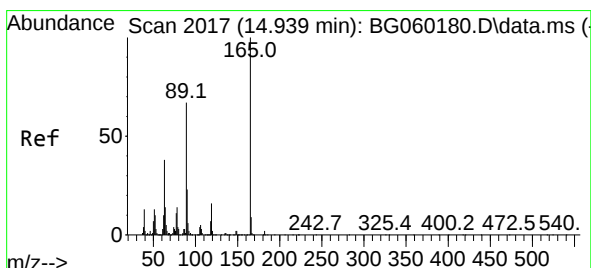
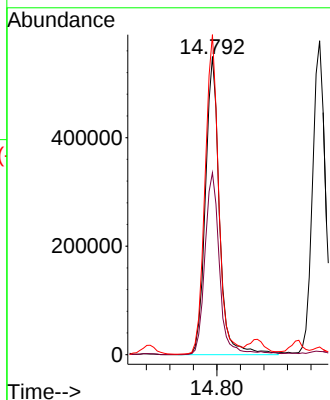
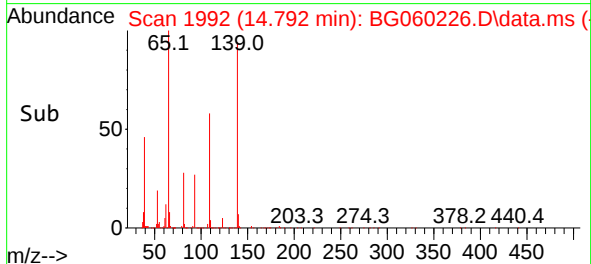
Instrument :
BNA_G
ClientSampleId :
PB158041BS



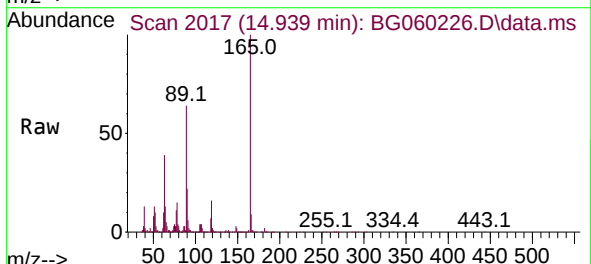
Tgt Ion:139 Resp: 909610
Ion Ratio Lower Upper
139 100
109 61.0 44.4 84.4
65 107.3 87.4 127.4

Manual Integrations
APPROVED

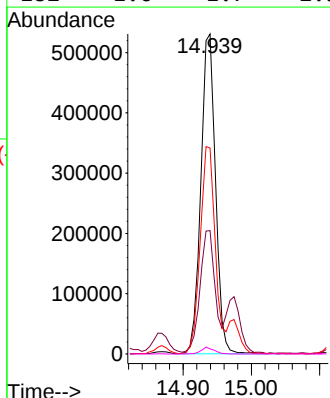
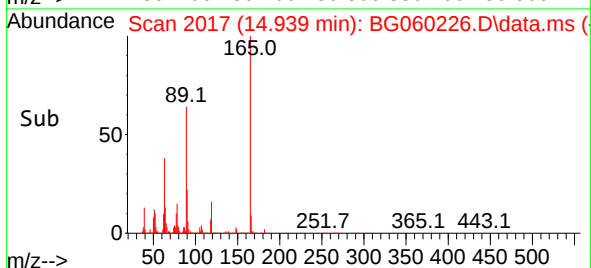
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

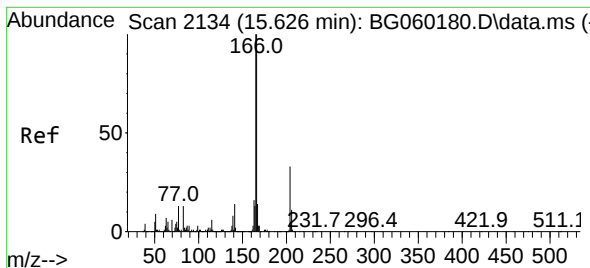


#57
2,4-Dinitrotoluene
Concen: 52.603 ng
RT: 14.939 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:165 Resp: 794215
Ion Ratio Lower Upper
165 100
63 38.5 31.0 46.6
89 64.3 53.3 79.9
182 1.6 1.7 2.5#





#58

Fluorene

Concen: 46.105 ng

RT: 15.621 min Scan# 2134

Delta R.T. -0.005 min

Lab File: BG060226.D

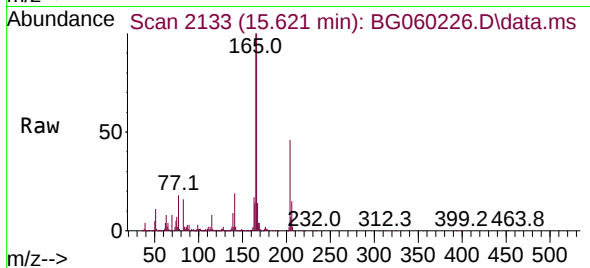
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



Tgt Ion:166 Resp: 246829

Ion Ratio Lower Upper

166 100

165 100.5 80.4 120.6

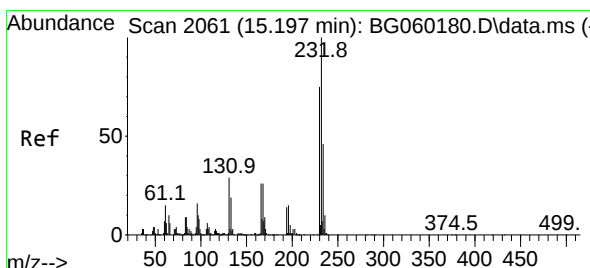
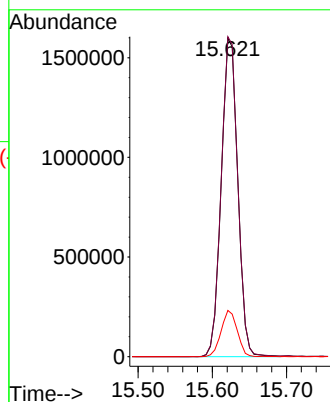
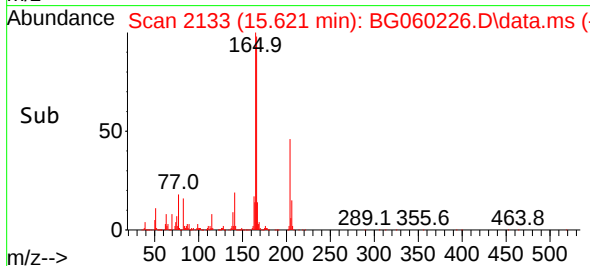
167 14.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 52.371 ng

RT: 15.198 min Scan# 2061

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Tgt Ion:232 Resp: 743209

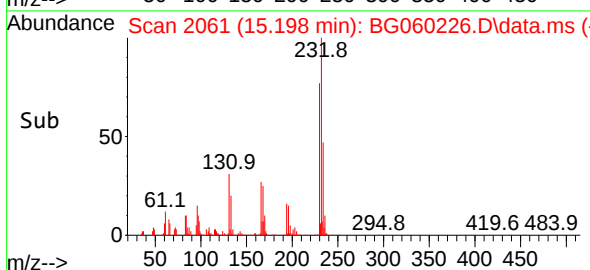
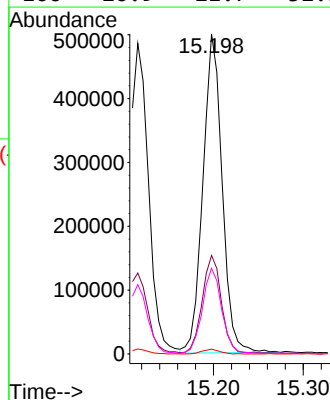
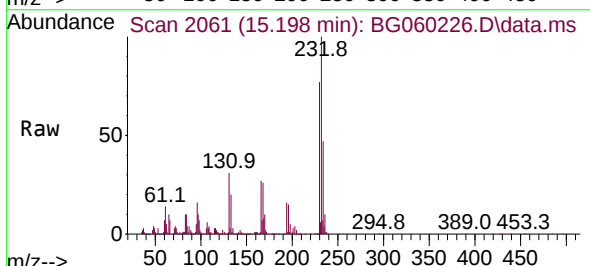
Ion Ratio Lower Upper

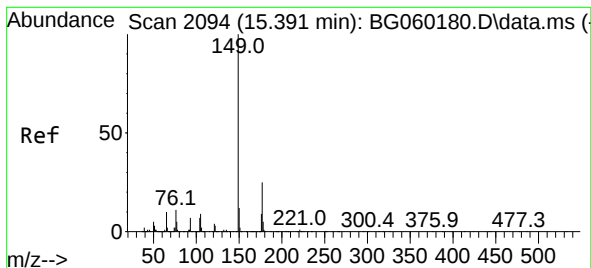
232 100

131 30.1 23.8 35.6

130 1.4 1.2 1.8

166 26.9 21.7 32.5





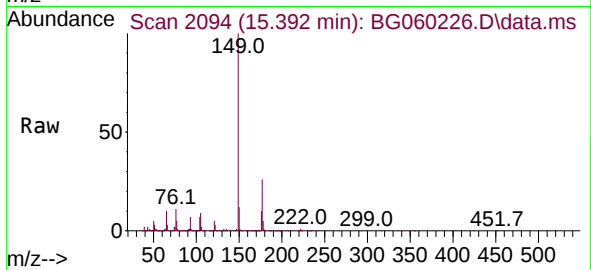
#60
Diethylphthalate
Concen: 47.991 ng
RT: 15.392 min Scan# 2094
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



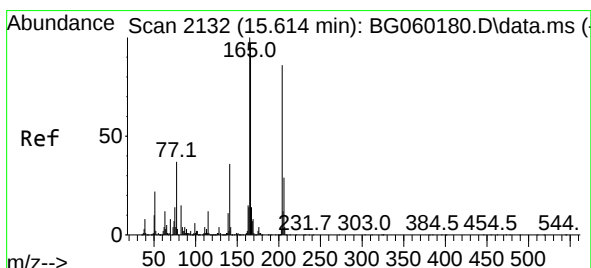
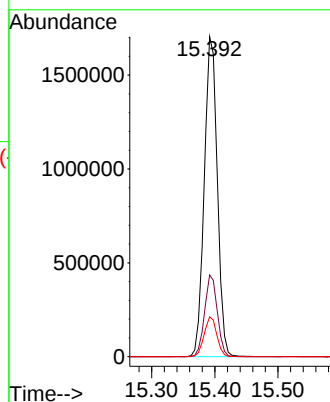
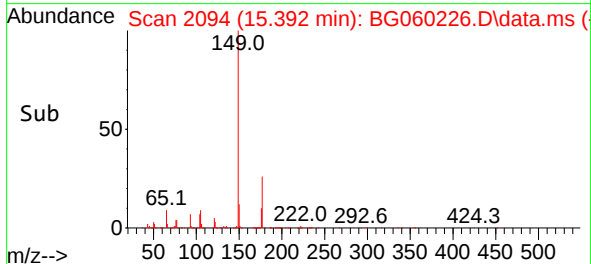
Tgt Ion:149 Resp: 244316
Ion Ratio Lower Upper
149 100
177 25.6 20.2 30.2
150 12.4 9.6 14.4

Manual Integrations

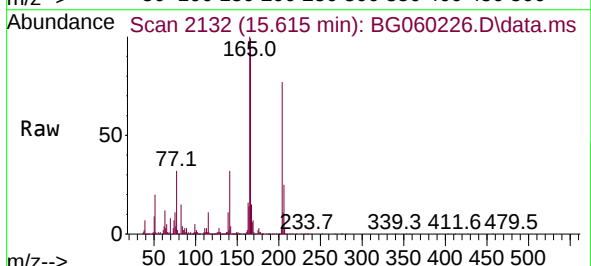
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

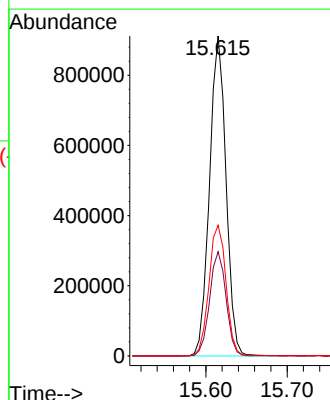
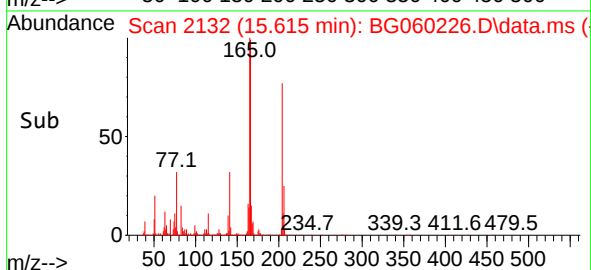
Supervised By :mohammad ahmed 01/04/2024

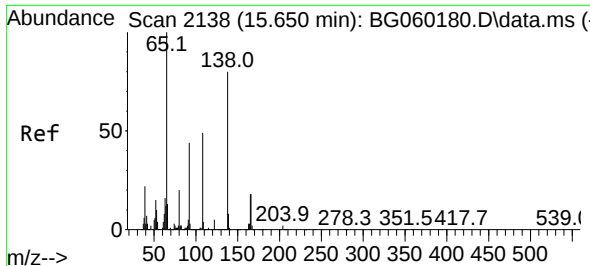


#61
4-Chlorophenyl-phenylether
Concen: 46.095 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:204 Resp: 1284951
Ion Ratio Lower Upper
204 100
206 32.6 26.9 40.3
141 40.8 33.2 49.8





#62
4-Nitroaniline
Concen: 48.628 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

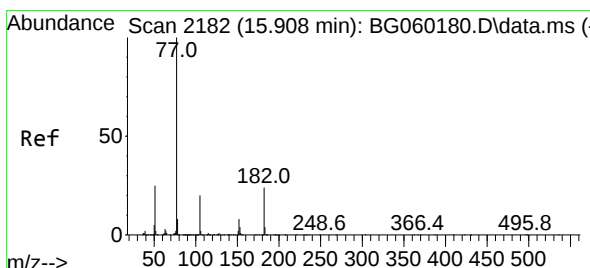
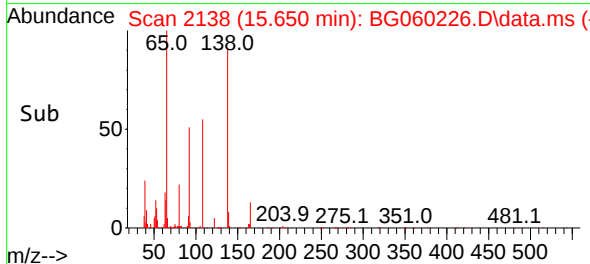
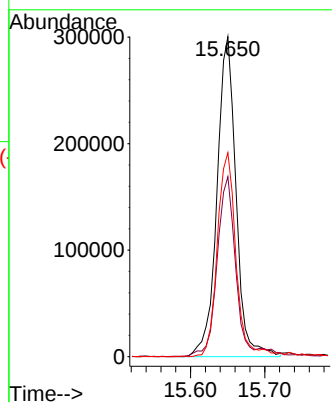
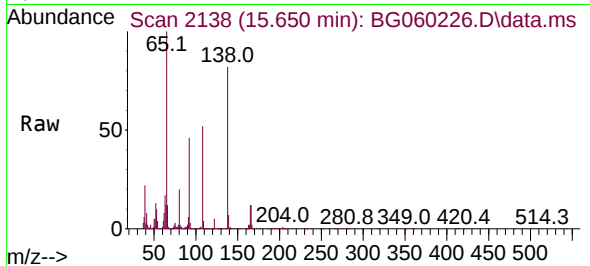
ClientSampleId :

PB158041BS

Tgt Ion:138 Resp: 53623
Ion Ratio Lower Upper
138 100
92 56.3 35.1 75.1
108 63.8 40.9 80.9

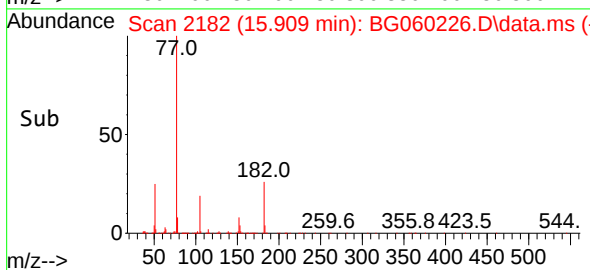
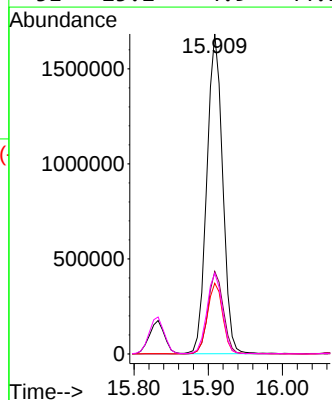
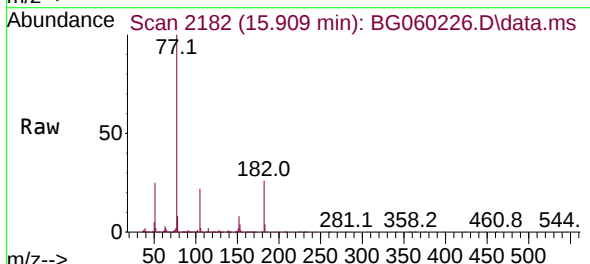
Manual Integrations
APPROVED

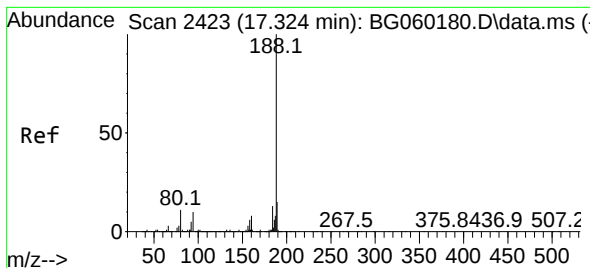
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#63
Azobenzene
Concen: 47.182 ng
RT: 15.909 min Scan# 2182
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion: 77 Resp: 2490225
Ion Ratio Lower Upper
77 100
182 25.8 4.3 44.3
105 22.1 0.3 40.3
51 25.2 4.9 44.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

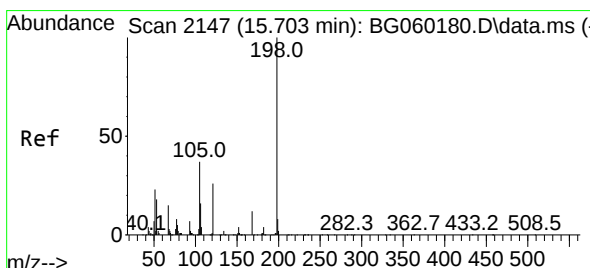
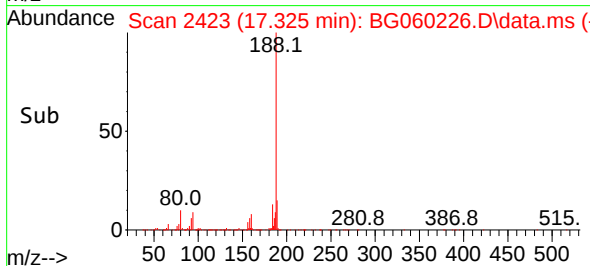
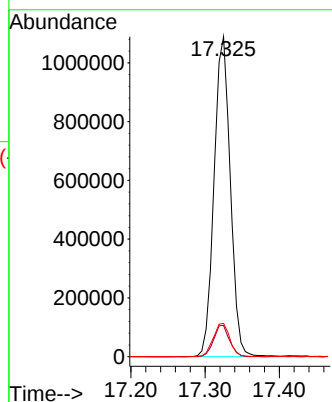
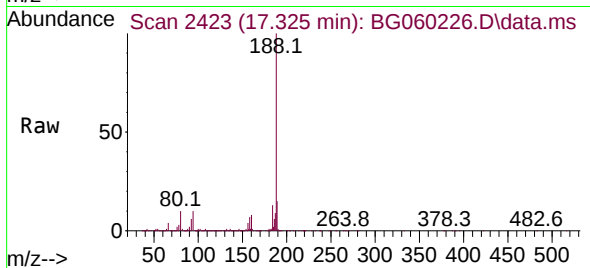
PB158041BS

Tgt Ion:188 Resp: 165595
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.4 8.6 13.0

Manual Integrations

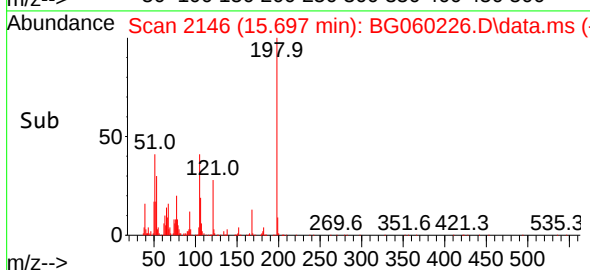
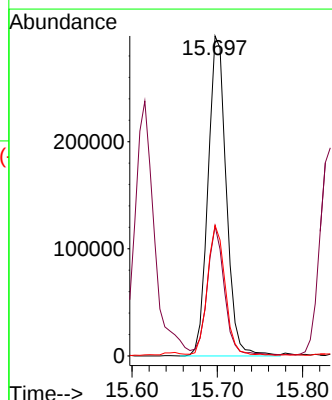
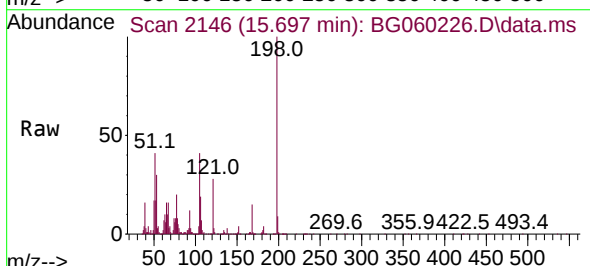
APPROVED

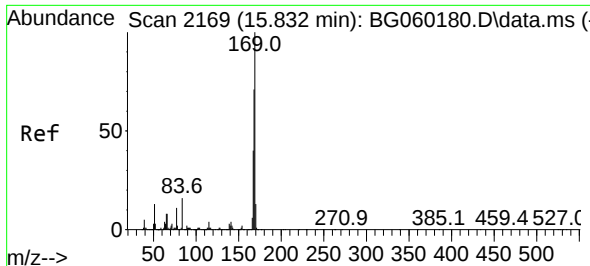
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 53.668 ng
RT: 15.697 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:198 Resp: 444691
Ion Ratio Lower Upper
198 100
51 40.6 14.8 54.8
105 40.8 17.5 57.5





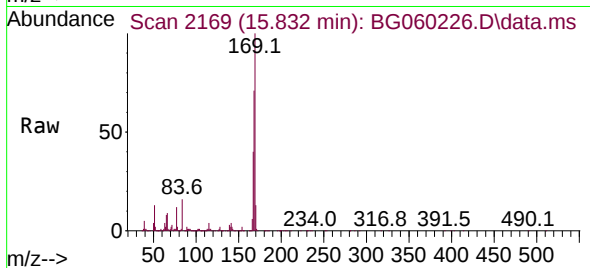
#66
n-Nitrosodiphenylamine
Concen: 49.621 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



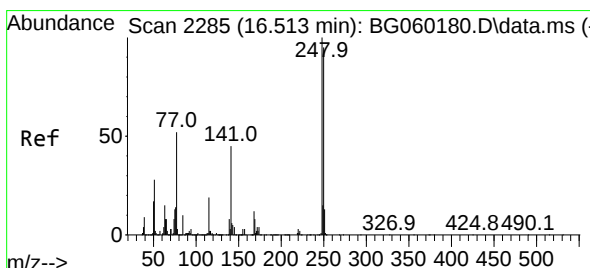
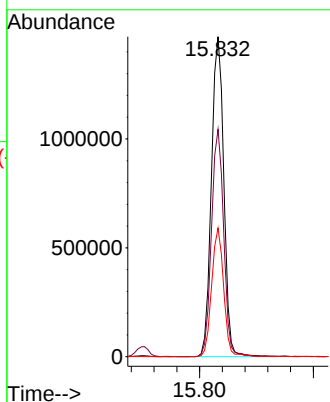
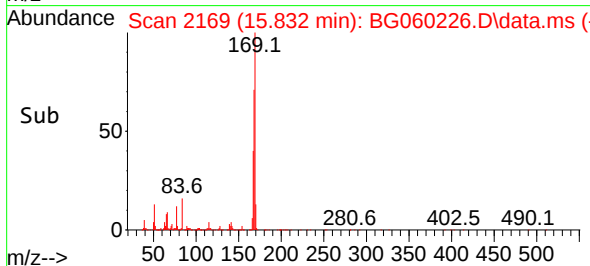
Tgt Ion:169 Resp: 2214220
Ion Ratio Lower Upper
169 100
168 71.1 56.6 84.8
167 40.2 32.1 48.1

Manual Integrations

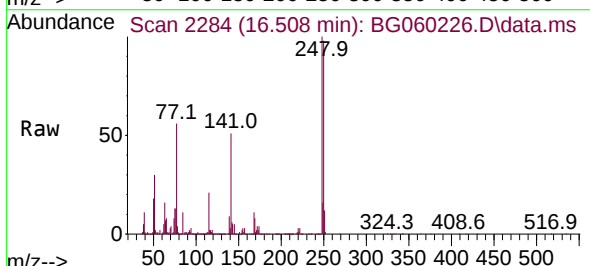
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

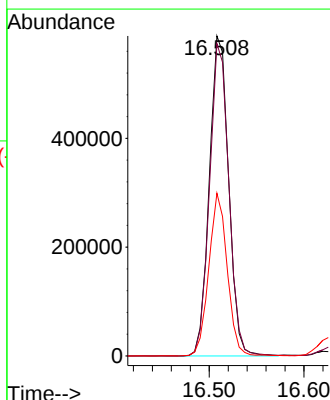
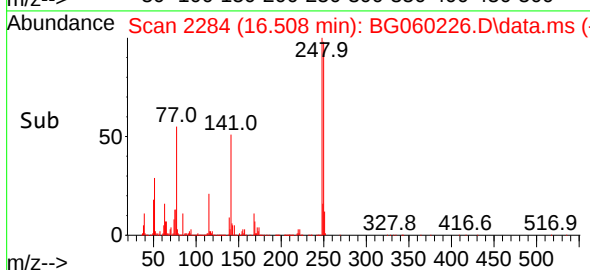
Supervised By :mohammad ahmed 01/04/2024

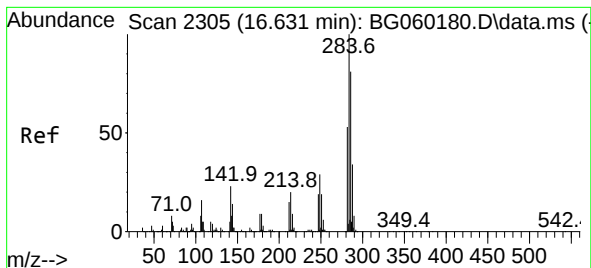


#67
4-Bromophenyl-phenylether
Concen: 47.442 ng
RT: 16.508 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



Tgt Ion:248 Resp: 832918
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.4
141 50.8 36.0 54.0





#68

Hexachlorobenzene

Concen: 46.222 ng

RT: 16.626 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

Tgt Ion:284 Resp: 95146

Ion Ratio Lower Upper

284 100

142 25.2 18.7 28.1

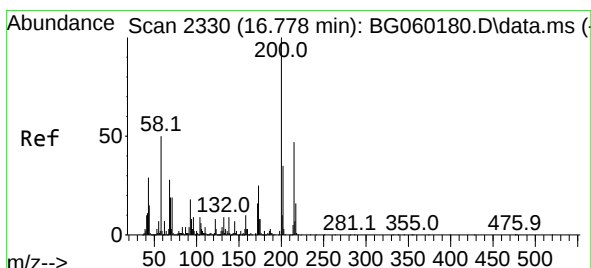
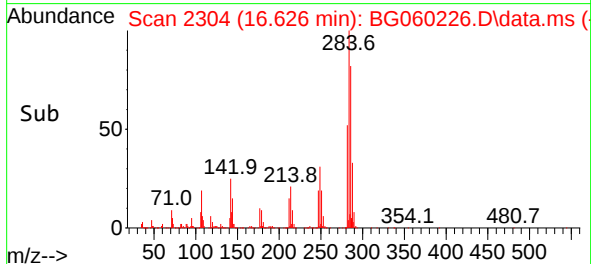
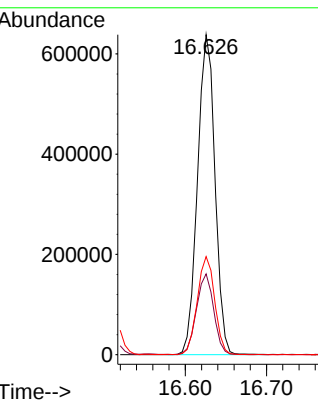
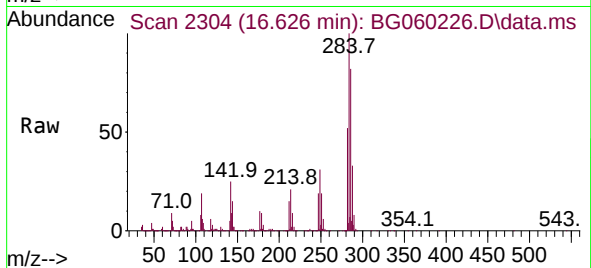
249 30.6 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#69

Atrazine

Concen: 40.478 ng

RT: 16.778 min Scan# 2330

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

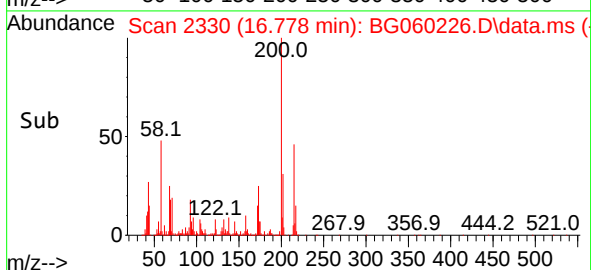
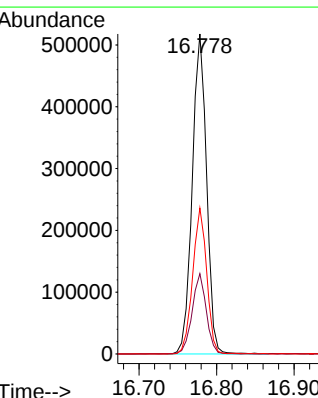
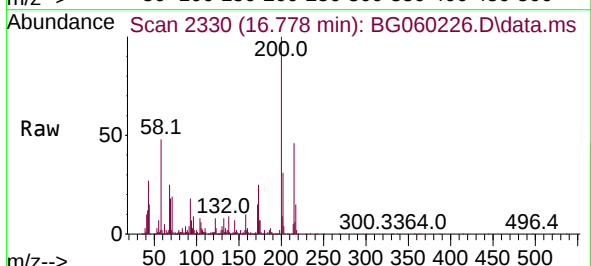
Tgt Ion:200 Resp: 663853

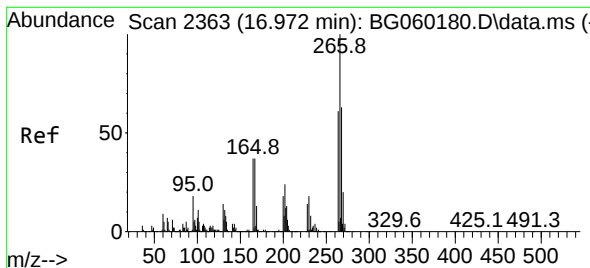
Ion Ratio Lower Upper

200 100

173 25.1 5.2 45.2

215 45.6 26.9 66.9





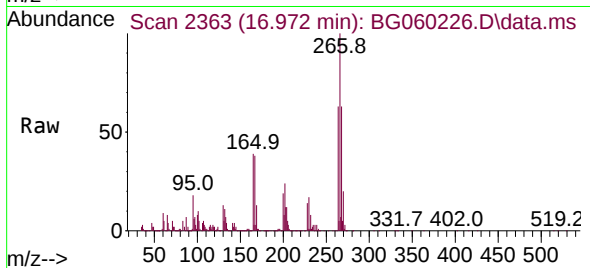
#70
Pentachlorophenol
Concen: 103.585 ng
RT: 16.972 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



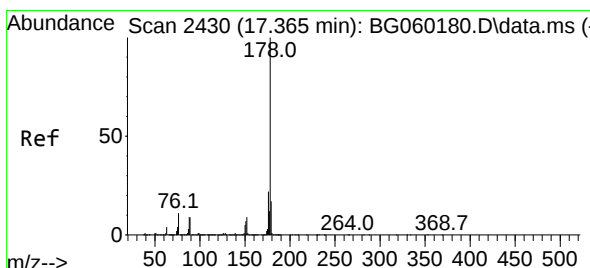
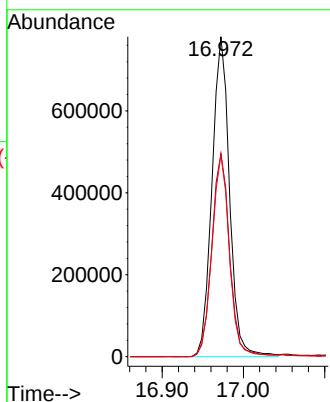
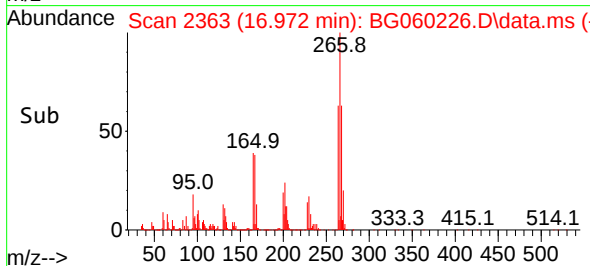
Tgt Ion:266 Resp: 1171350
Ion Ratio Lower Upper
266 100
268 63.4 50.4 75.6
264 63.1 52.6 79.0

Manual Integrations

APPROVED

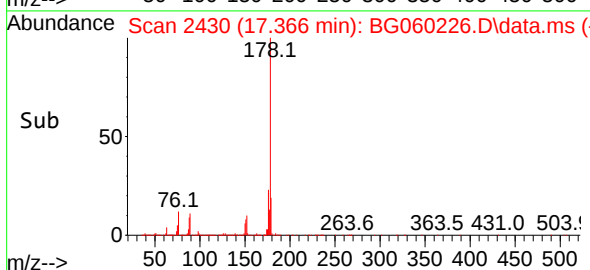
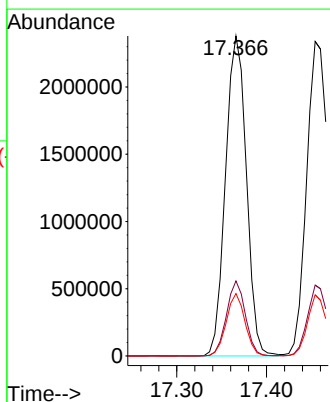
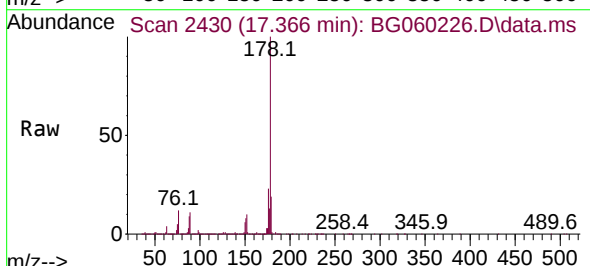
Reviewed By :Yogesh Patel 01/04/2024

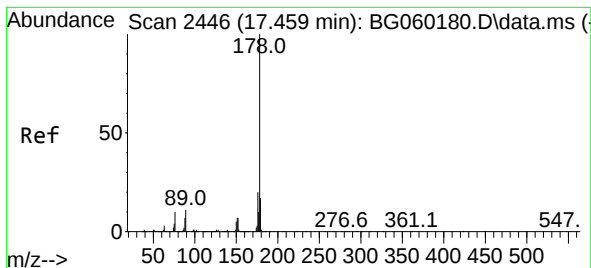
Supervised By :mohammad ahmed 01/04/2024



#71
Phenanthrene
Concen: 46.887 ng
RT: 17.366 min Scan# 2430
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:178 Resp: 3837776
Ion Ratio Lower Upper
178 100
176 23.5 17.5 26.3
179 19.5 13.8 20.8





#72

Anthracene

Concen: 48.132 ng

RT: 17.454 min Scan# 2446

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

Tgt Ion:178 Resp: 391333

Ion Ratio Lower Upper

178 100

176 22.5 16.2 24.2

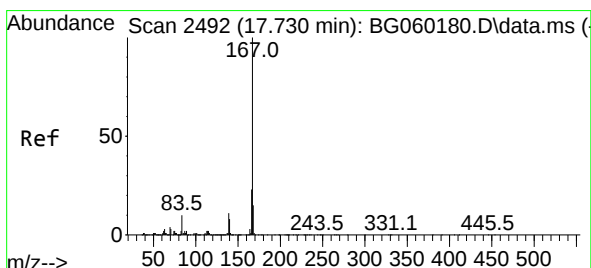
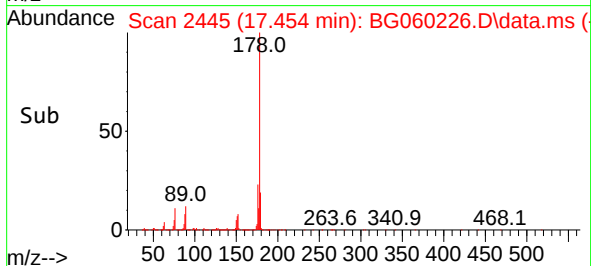
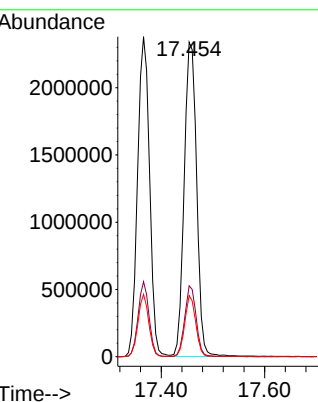
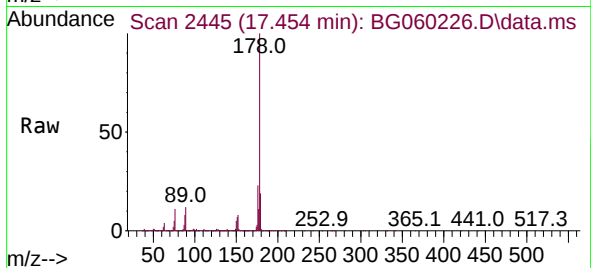
179 19.4 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#73

Carbazole

Concen: 47.116 ng

RT: 17.724 min Scan# 2491

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

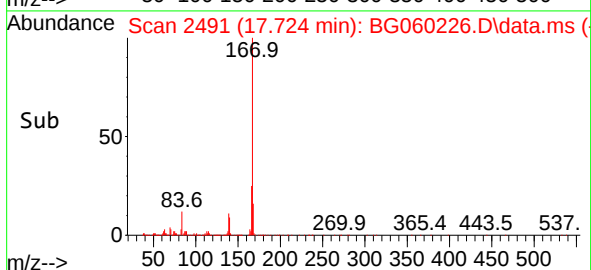
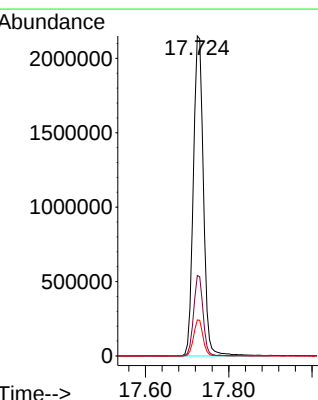
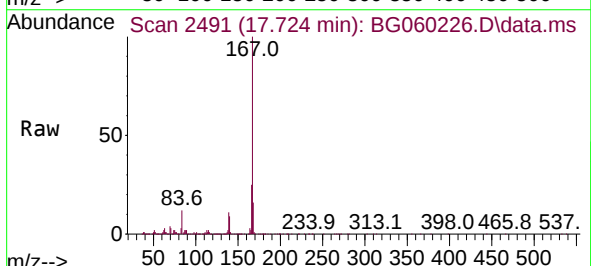
Tgt Ion:167 Resp: 3633284

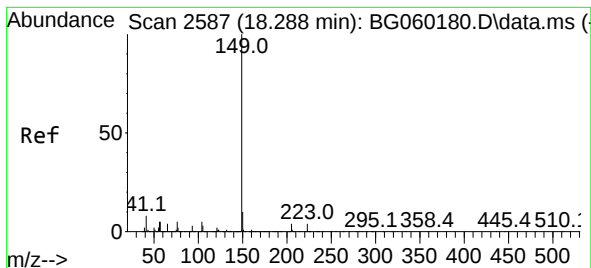
Ion Ratio Lower Upper

167 100

166 25.2 18.8 28.2

139 11.2 8.8 13.2





#74

Di-n-butylphthalate

Concen: 49.963 ng

RT: 18.288 min Scan# 2587

Delta R.T. 0.001 min

Lab File: BG060226.D

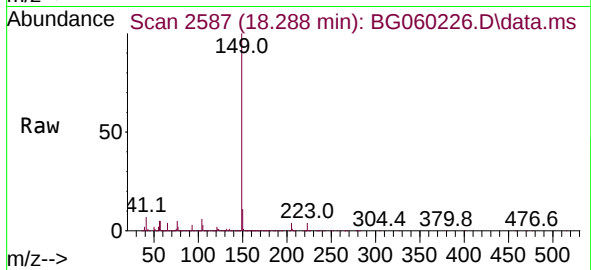
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



Tgt Ion:149 Resp: 3733690

Ion Ratio Lower Upper

149 100

150 11.4 8.3 12.5

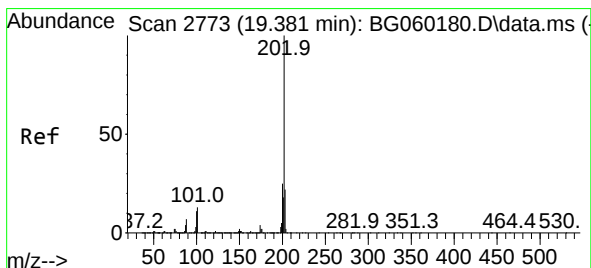
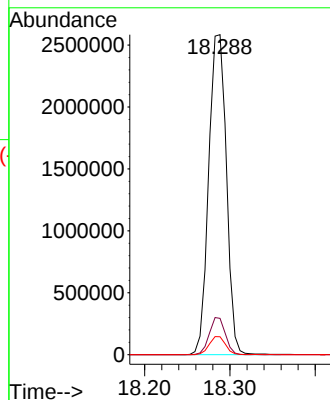
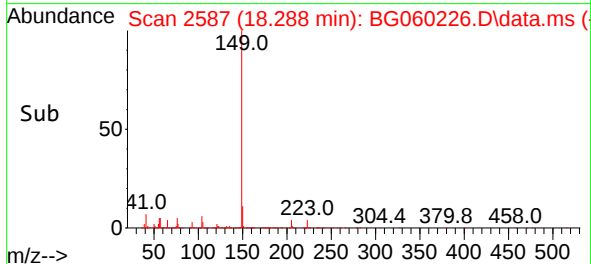
104 5.6 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#75

Fluoranthene

Concen: 44.030 ng

RT: 19.381 min Scan# 2773

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

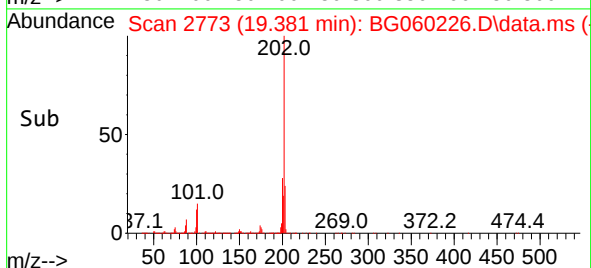
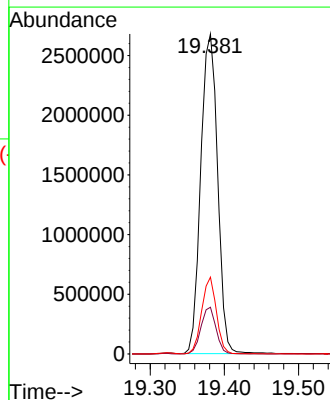
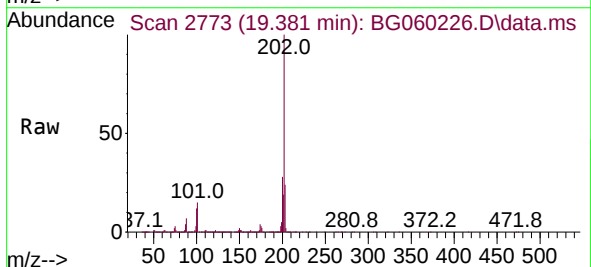
Tgt Ion:202 Resp: 4227416

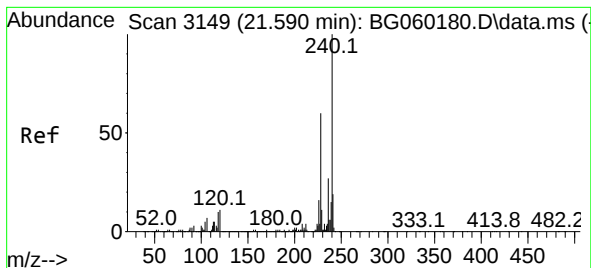
Ion Ratio Lower Upper

202 100

101 14.6 0.0 32.8

203 24.0 2.0 42.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. 0.001 min

Lab File: BG060226.D

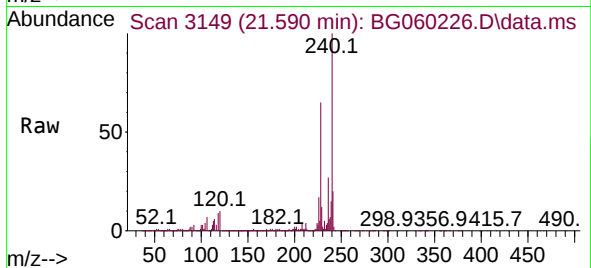
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



Tgt Ion:240 Resp: 145509

Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

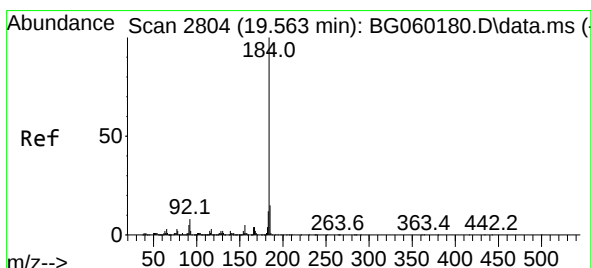
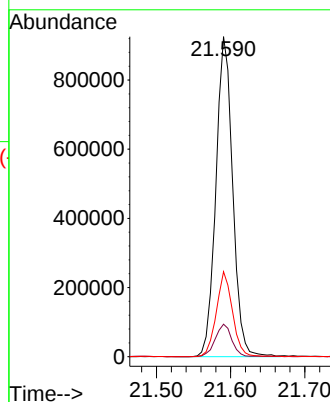
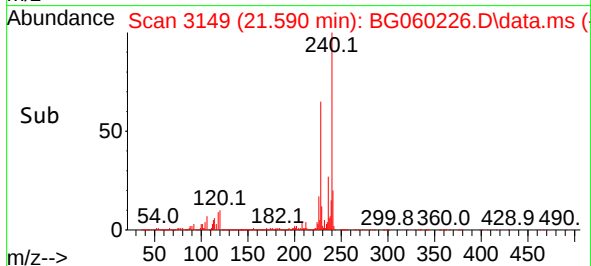
236 26.5 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#77

Benzidine

Concen: 30.151 ng

RT: 19.563 min Scan# 2804

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

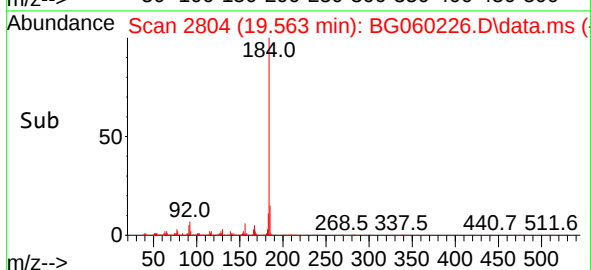
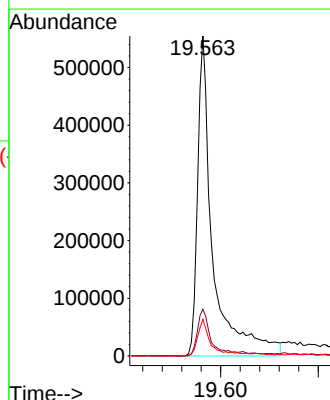
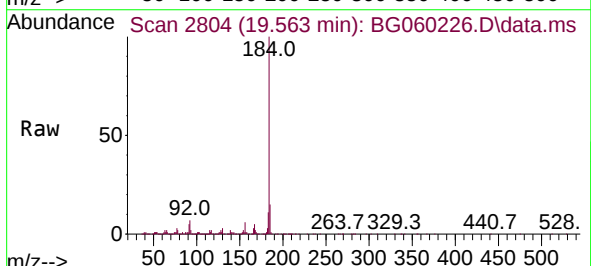
Tgt Ion:184 Resp: 1214237

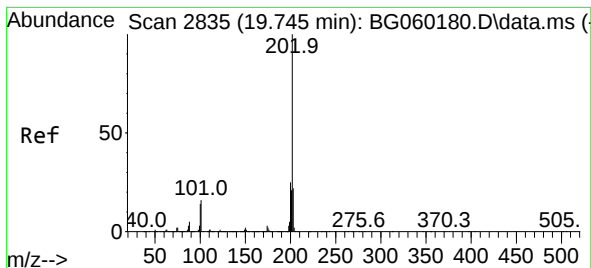
Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.5 9.4 14.2





#78

Pyrene

Concen: 44.907 ng

RT: 19.740 min Scan# 2835

Delta R.T. -0.005 min

Lab File: BG060226.D

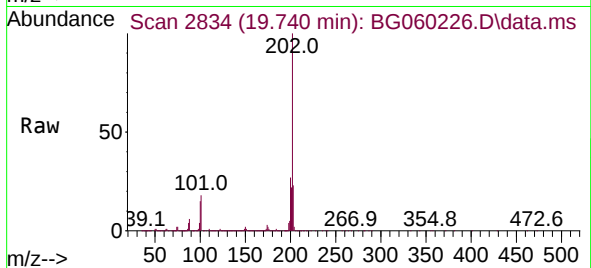
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



Tgt Ion:202 Resp: 439246

Ion Ratio Lower Upper

202 100

200 27.2 20.3 30.5

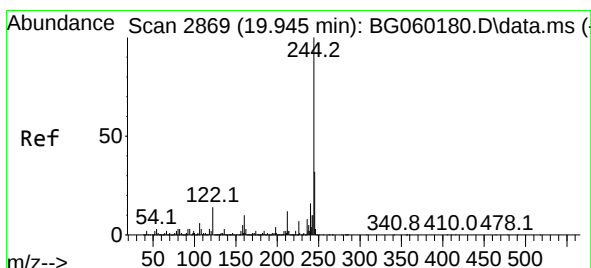
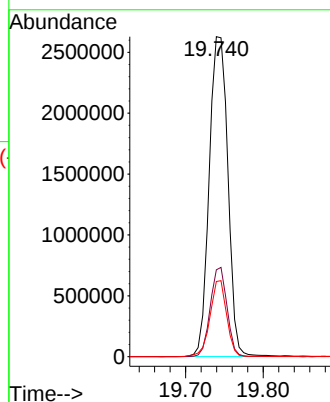
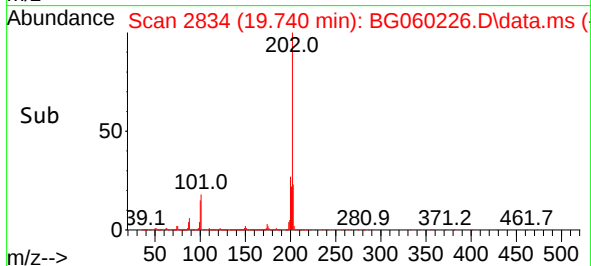
203 23.5 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#79

Terphenyl-d14

Concen: 71.651 ng

RT: 19.945 min Scan# 2869

Delta R.T. 0.000 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

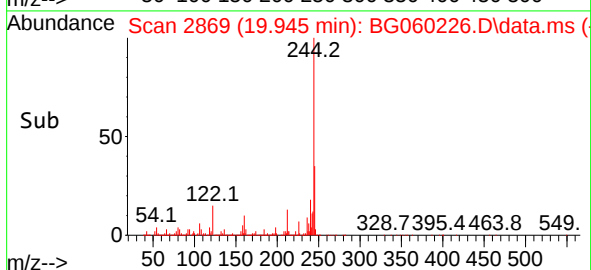
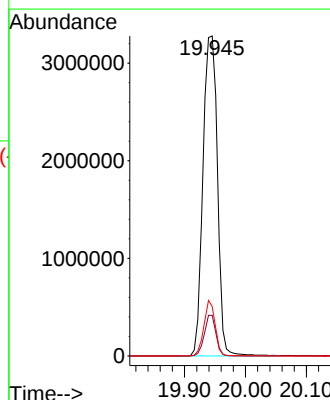
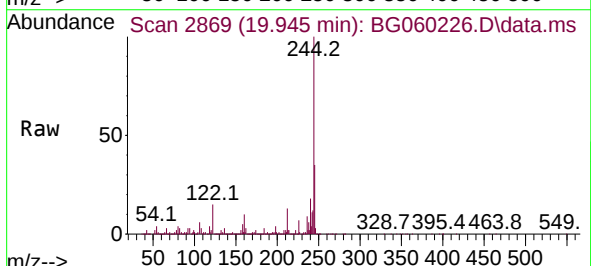
Tgt Ion:244 Resp: 5423100

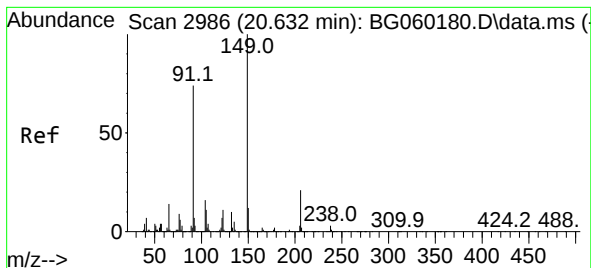
Ion Ratio Lower Upper

244 100

212 12.7 9.5 14.3

122 15.5 11.4 17.2





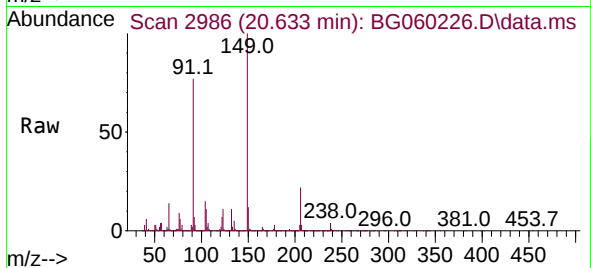
#80
Butylbenzylphthalate
Concen: 61.133 ng
RT: 20.633 min Scan# 2986
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

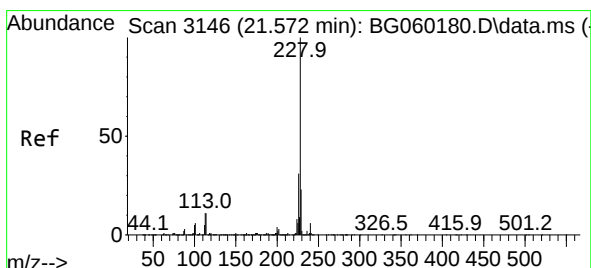
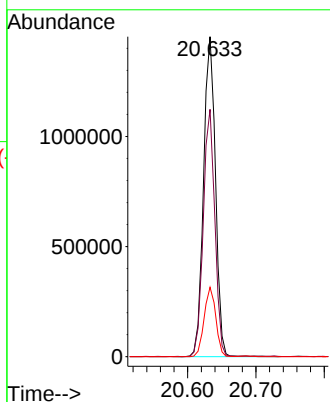
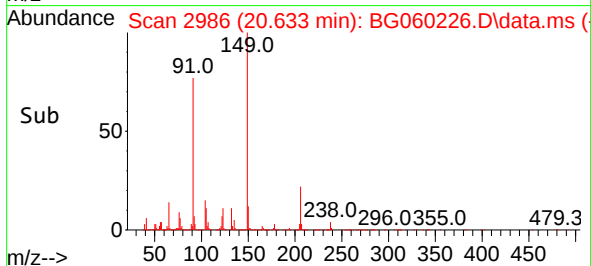
PB158041BS



Tgt Ion:149 Resp: 176316
Ion Ratio Lower Upper
149 100
91 77.3 59.4 89.2
206 21.7 16.6 25.0

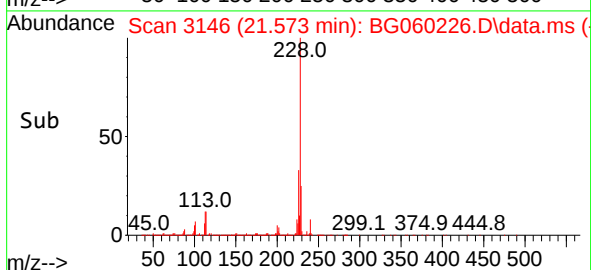
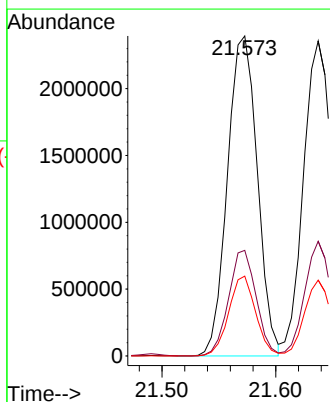
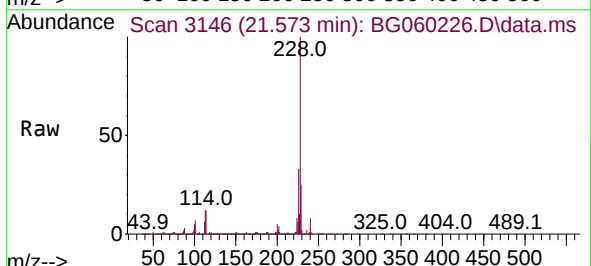
Manual Integrations
APPROVED

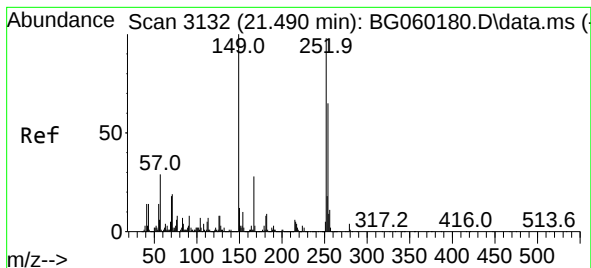
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#81
Benzo(a)anthracene
Concen: 47.309 ng
RT: 21.573 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Tgt Ion:228 Resp: 4376841
Ion Ratio Lower Upper
228 100
226 33.0 24.6 36.8
229 24.9 18.4 27.6





#82

3,3'-Dichlorobenzidine

Concen: 43.701 ng

RT: 21.490 min Scan# 3132

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

Tgt Ion:252 Resp: 1470224

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

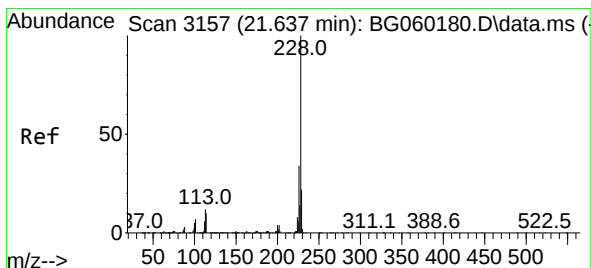
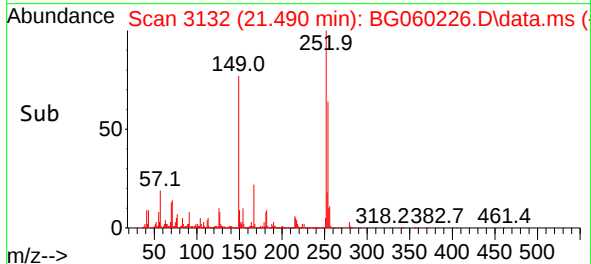
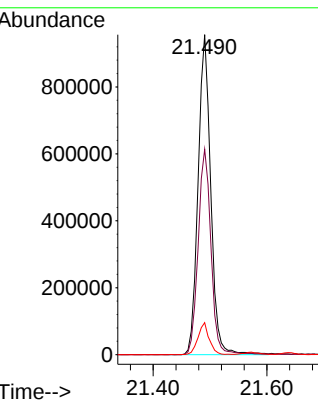
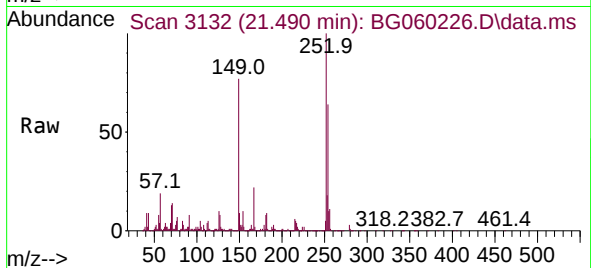
126 10.0 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#83

Chrysene

Concen: 46.623 ng

RT: 21.637 min Scan# 3157

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

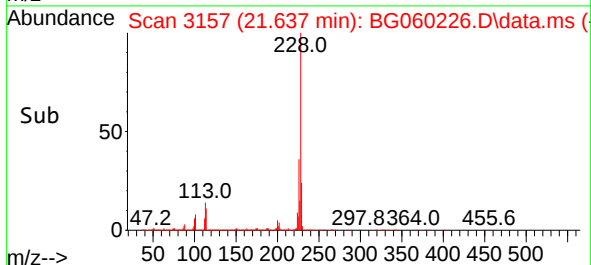
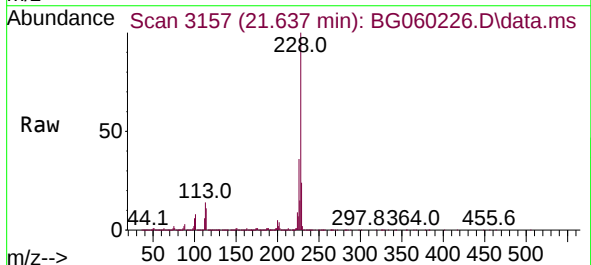
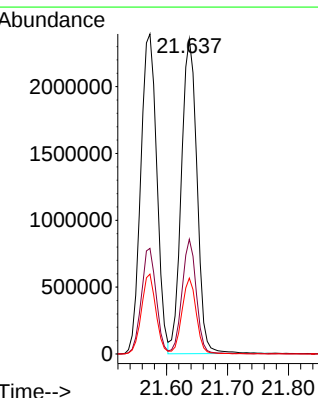
Tgt Ion:228 Resp: 4190481

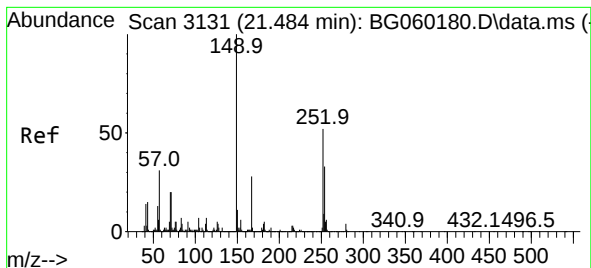
Ion Ratio Lower Upper

228 100

226 36.4 26.8 40.2

229 24.1 17.7 26.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 59.716 ng

RT: 21.479 min Scan# 3131

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

Tgt Ion:149 Resp: 261185

Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

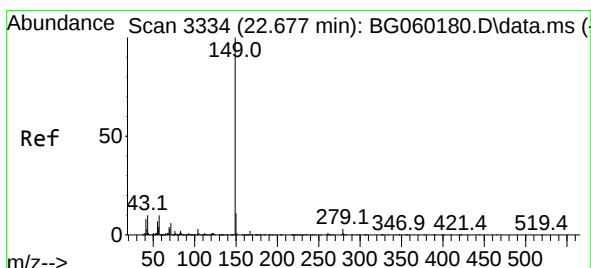
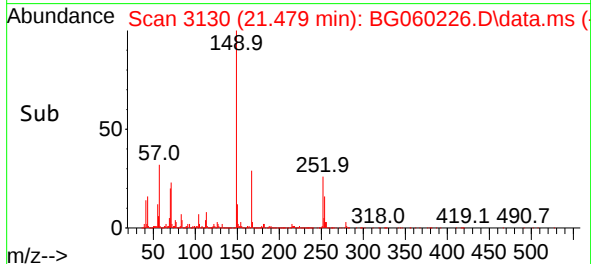
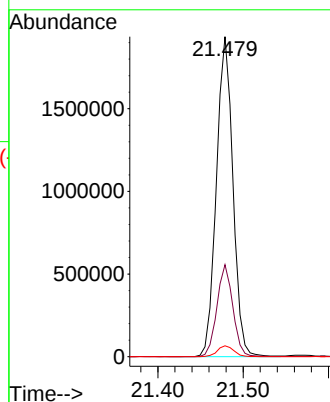
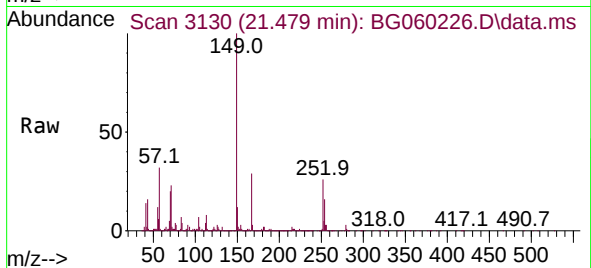
279 3.4 2.9 4.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#85

Di-n-octyl phthalate

Concen: 61.034 ng

RT: 22.671 min Scan# 3333

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

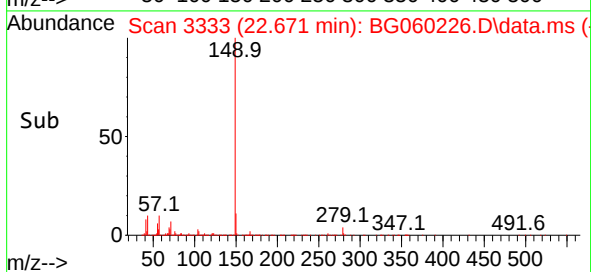
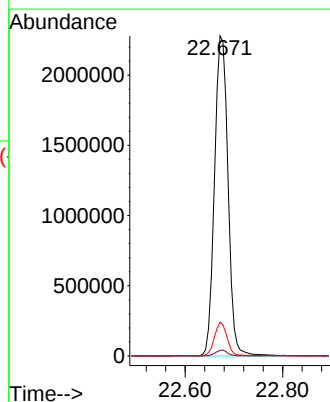
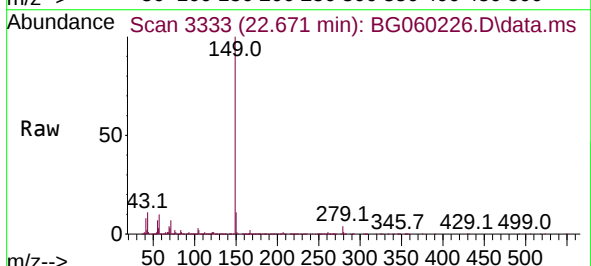
Tgt Ion:149 Resp: 4369678

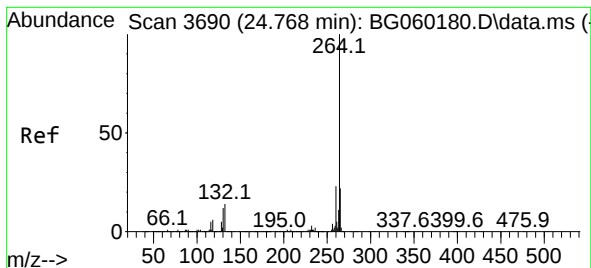
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.8 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 30

Delta R.T. -0.005 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS

Tgt Ion:264 Resp: 1574318

Ion Ratio Lower Upper

264 100

260 23.2 18.0 27.0

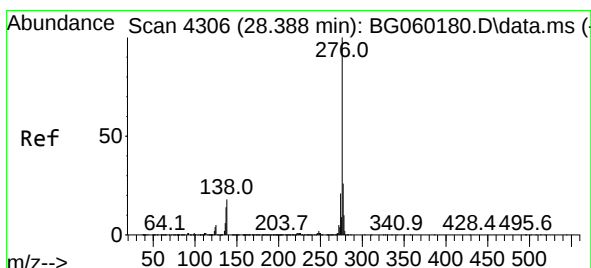
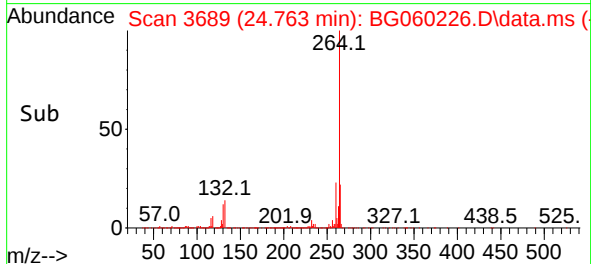
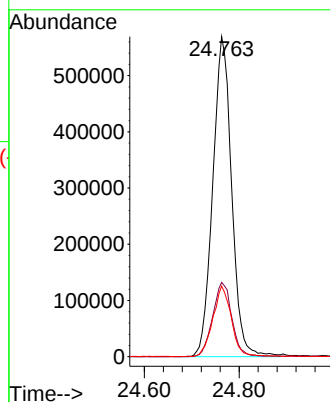
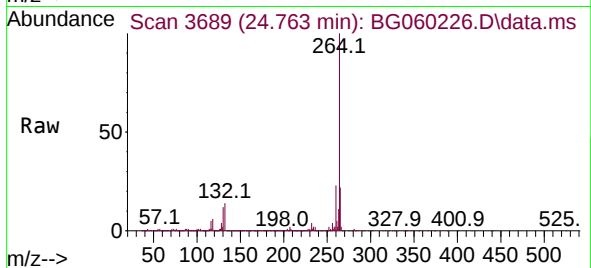
265 22.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.723 ng

RT: 28.388 min Scan# 4306

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

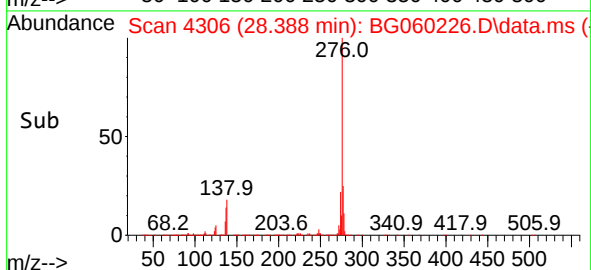
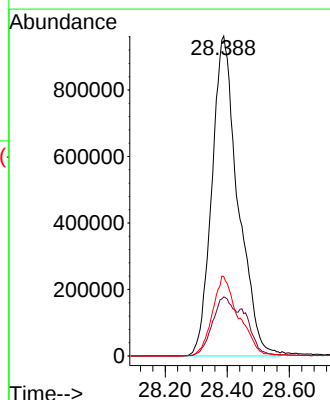
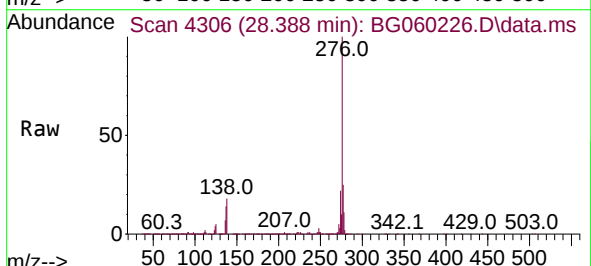
Tgt Ion:276 Resp: 5629942

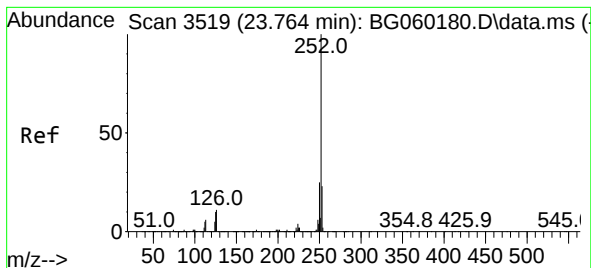
Ion Ratio Lower Upper

276 100

138 15.3 18.0 27.0#

277 25.0 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 48.700 ng

RT: 23.758 min Scan# 3519

Delta R.T. -0.005 min

Lab File: BG060226.D

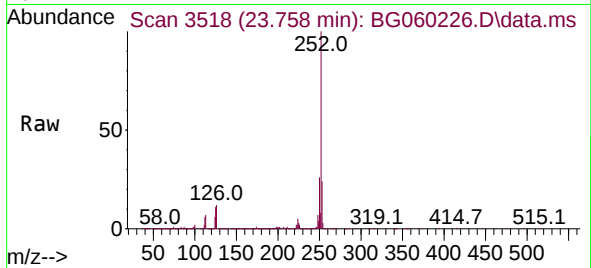
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



Tgt Ion:252 Resp: 4607398

Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

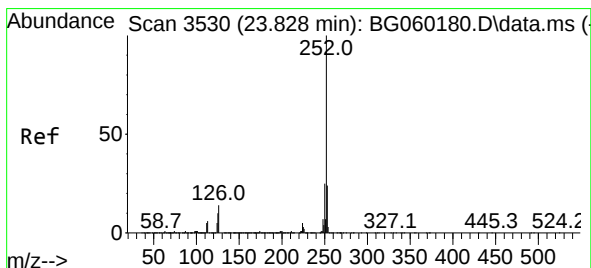
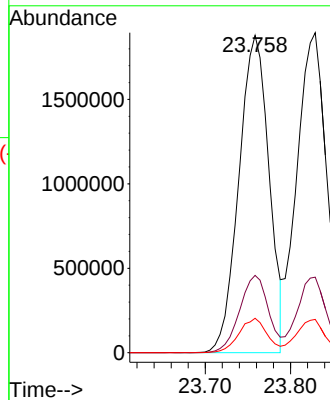
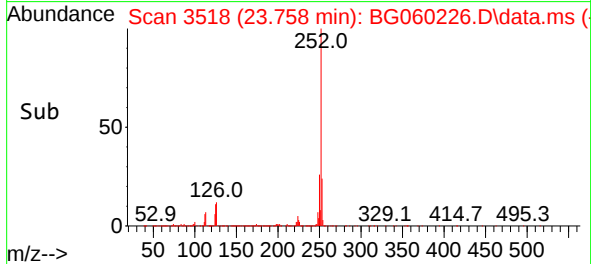
125 10.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#89

Benzo(k)fluoranthene

Concen: 49.478 ng

RT: 23.829 min Scan# 3530

Delta R.T. 0.001 min

Lab File: BG060226.D

Acq: 3 Jan 2024 14:12

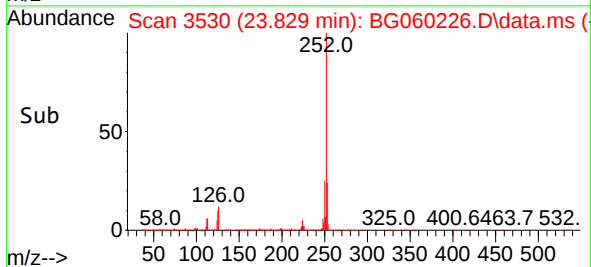
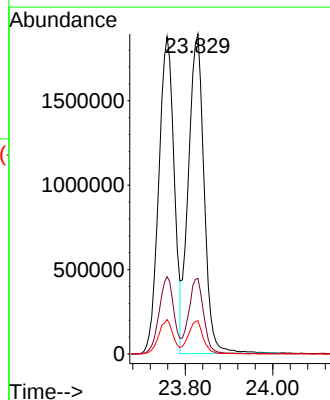
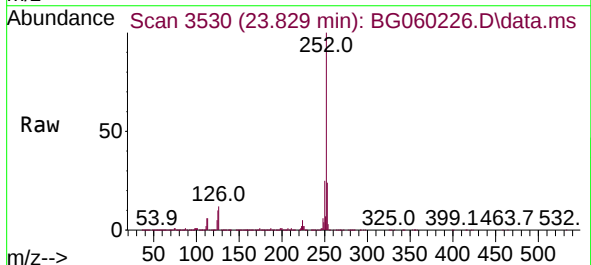
Tgt Ion:252 Resp: 4711433

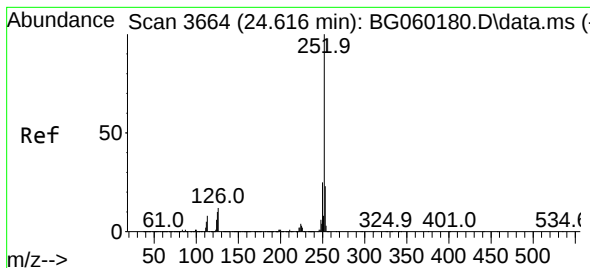
Ion Ratio Lower Upper

252 100

253 23.6 19.1 28.7

125 10.4 7.7 11.5





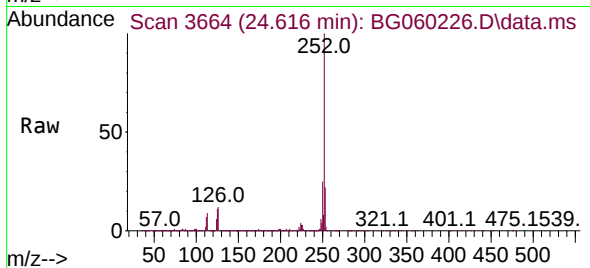
#90
Benzo(a)pyrene
Concen: 49.167 ng
RT: 24.616 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12

Instrument :

BNA_G

ClientSampleId :

PB158041BS



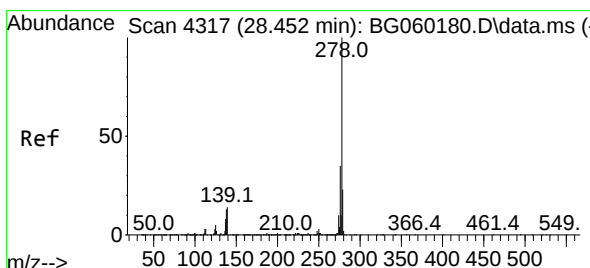
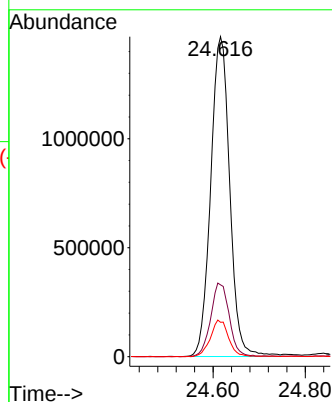
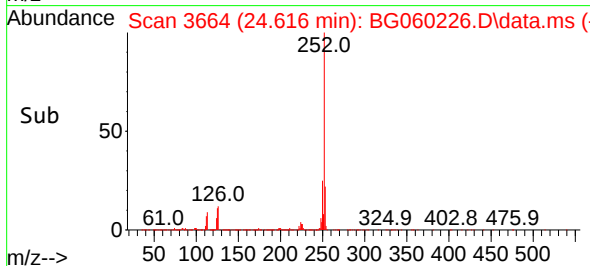
Tgt Ion:252 Resp: 420834
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.8 8.2 12.2

Manual Integrations

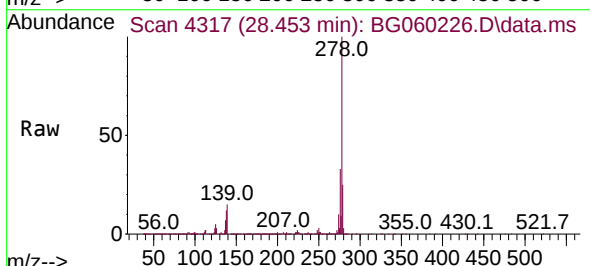
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

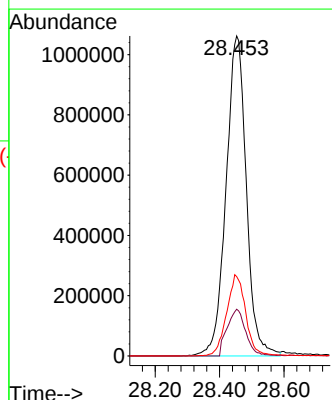
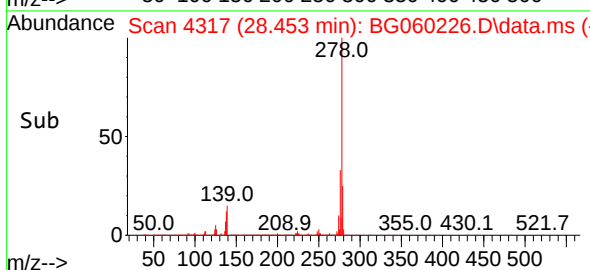
Supervised By :mohammad ahmed 01/04/2024

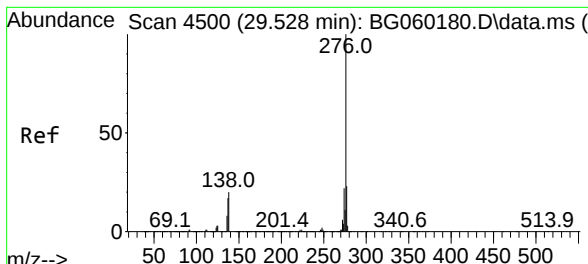


#91
Dibenzo(a,h)anthracene
Concen: 50.929 ng
RT: 28.453 min Scan# 4317
Delta R.T. 0.000 min
Lab File: BG060226.D
Acq: 3 Jan 2024 14:12



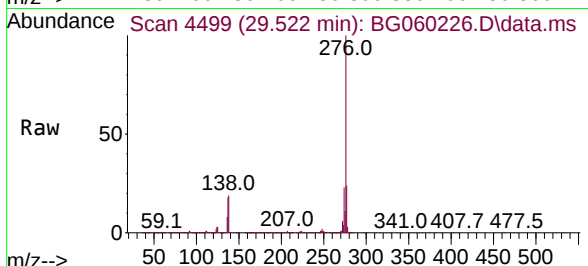
Tgt Ion:278 Resp: 4644583
Ion Ratio Lower Upper
278 100
139 14.6 11.0 16.4
279 24.8 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 48.956 ng
 RT: 29.522 min Scan# 44
 Delta R.T. -0.005 min
 Lab File: BG060226.D
 Acq: 3 Jan 2024 14:12

Instrument :
 BNA_G
 ClientSampleId :
 PB158041BS



Tgt Ion: 276 Resp: 452229

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	19.1	15.9	23.9

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

