

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060229.D
 Acq On : 3 Jan 2024 16:14
 Operator : MA/JU
 Sample : PB158159BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 16:47:59 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	226386	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	999565	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	782887	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1960100	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1749292	20.000	ng	0.00
86) Perylene-d12	24.763	264	1866008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1864460	124.306	ng	0.00
7) Phenol-d6	7.101	99	2789877	125.275	ng	0.00
23) Nitrobenzene-d5	9.099	82	1631546	75.394	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1346700	128.505	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3904645	71.681	ng	0.00
79) Terphenyl-d14	19.945	244	5520952	60.676	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	195204	29.252	ng	97
3) Pyridine	3.799	79	494167	26.111	ng	97
4) n-Nitrosodimethylamine	3.717	42	241839	34.254	ng	# 97
6) Aniline	7.260	93	866161	38.819	ng	96
8) 2-Chlorophenol	7.501	128	633465	43.945	ng	97
9) Benzaldehyde	7.072	77	332485	24.832	ng	94
10) Phenol	7.131	94	1010666	45.003	ng	97
11) bis(2-Chloroethyl)ether	7.354	93	702337	38.648	ng	96
12) 1,3-Dichlorobenzene	7.824	146	629693	35.387	ng	98
13) 1,4-Dichlorobenzene	7.971	146	651514	36.216	ng	98
14) 1,2-Dichlorobenzene	8.288	146	655942	37.297	ng	98
15) Benzyl Alcohol	8.171	79	652890	47.232	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.459	45	911411m	39.078	ng	
17) 2-Methylphenol	8.376	107	650544	46.262	ng	99
18) Hexachloroethane	9.017	117	223509	39.449	ng	97
19) n-Nitroso-di-n-propyla...	8.741	70	605207	39.780	ng	98
20) 3+4-Methylphenols	8.705	107	894559	44.885	ng	97
22) Acetophenone	8.758	105	1093292	36.917	ng	# 97
24) Nitrobenzene	9.140	77	841429	38.003	ng	98
25) Isophorone	9.657	82	1680950	37.127	ng	100
26) 2-Nitrophenol	9.851	139	359258	46.499	ng	98
27) 2,4-Dimethylphenol	9.910	122	669319	61.158	ng	96
28) bis(2-Chloroethoxy)met...	10.145	93	1033972	38.991	ng	99
29) 2,4-Dichlorophenol	10.386	162	785463	45.412	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	760207	36.111	ng	98
31) Naphthalene	10.791	128	1969698	37.326	ng	100
32) Benzoic acid	10.057	122	427380	44.618	ng	93
33) 4-Chloroaniline	10.897	127	530526	25.742	ng	98
34) Hexachlorobutadiene	11.073	225	442118	35.311	ng	98
35) Caprolactam	11.672	113	267509m	46.494	ng	
36) 4-Chloro-3-methylphenol	12.025	107	793964	44.603	ng	98
37) 2-Methylnaphthalene	12.401	142	1515020	39.747	ng	99
38) 1-Methylnaphthalene	12.618	142	1436484	37.275	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	954966	38.081	ng	99
41) Hexachlorocyclopentadiene	12.748	237	965380	119.099	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	700566	42.512	ng	98

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

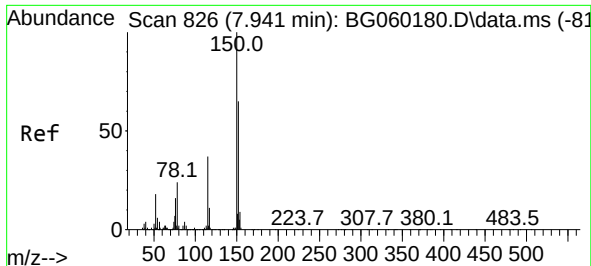
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

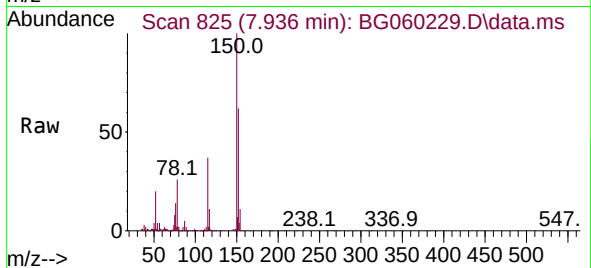
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	797314	43.250	ng	97
46) 1,1'-Biphenyl	13.406	154	2252855	39.112	ng	99
47) 2-Chloronaphthalene	13.453	162	1855409	37.809	ng	100
48) 2-Nitroaniline	13.658	65	603839	47.084	ng	96
49) Acenaphthylene	14.299	152	2852616	40.344	ng	99
50) Dimethylphthalate	14.029	163	2438821	40.348	ng	99
51) 2,6-Dinitrotoluene	14.152	165	551839	43.893	ng	97
52) Acenaphthene	14.640	154	1716851	38.911	ng	98
53) 3-Nitroaniline	14.481	138	386511	32.627	ng	97
54) 2,4-Dinitrophenol	14.687	184	643977	87.139	ng	100
55) Dibenzofuran	14.974	168	2927873	39.615	ng	98
56) 4-Nitrophenol	14.792	139	885510	98.889	ng	98
57) 2,4-Dinitrotoluene	14.939	165	779815	45.615	ng	# 99
58) Fluorene	15.621	166	2405429	39.682	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	729289	45.387	ng	99
60) Diethylphthalate	15.392	149	2394226	41.536	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	1260863	39.947	ng	98
62) 4-Nitroaniline	15.650	138	547195	43.825	ng	96
63) Azobenzene	15.909	77	2434743	40.741	ng	99
65) 4,6-Dinitro-2-methylph...	15.697	198	477829	48.719	ng	92
66) n-Nitrosodiphenylamine	15.832	169	2182186	41.315	ng	99
67) 4-Bromophenyl-phenylether	16.508	248	829229	39.903	ng	97
68) Hexachlorobenzene	16.625	284	928710	38.116	ng	96
69) Atrazine	16.784	200	1254307	64.613	ng	99
70) Pentachlorophenol	16.972	266	1087139	81.220	ng	98
71) Phenanthrene	17.366	178	3891825	40.169	ng	96
72) Anthracene	17.454	178	3906680	40.594	ng	94
73) Carbazole	17.730	167	3650782	39.997	ng	97
74) Di-n-butylphthalate	18.288	149	3740848	42.291	ng	97
75) Fluoranthene	19.381	202	4284076	37.697	ng	94
77) Benzidine	19.563	184	1424446	29.422	ng	98
78) Pyrene	19.745	202	4457097	37.904	ng	94
80) Butylbenzylphthalate	20.633	149	1788291	51.576	ng	99
81) Benzo(a)anthracene	21.573	228	4421181	39.751	ng	96
82) 3,3'-Dichlorobenzidine	21.490	252	1439134	35.582	ng	100
83) Chrysene	21.637	228	4213898	38.998	ng	95
84) Bis(2-ethylhexyl)phtha...	21.479	149	2616083	49.754	ng	98
85) Di-n-octyl phthalate	22.671	149	4406809	51.201	ng	100
87) Indeno(1,2,3-cd)pyrene	28.382	276	5810619	44.168	ng	# 93
88) Benzo(b)fluoranthene	23.758	252	4712269	42.023	ng	99
89) Benzo(k)fluoranthene	23.829	252	4889471	43.322	ng	98
90) Benzo(a)pyrene	24.616	252	4330021	42.681	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	4782923	44.247	ng	98
92) Benzo(g,h,i)perylene	29.528	276	4714122	43.055	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

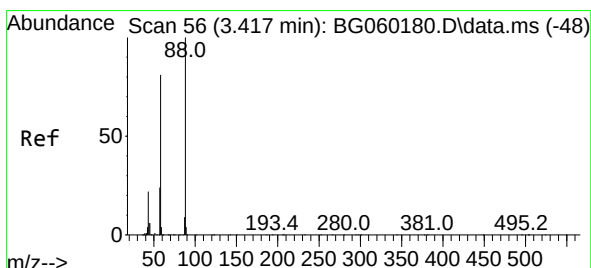
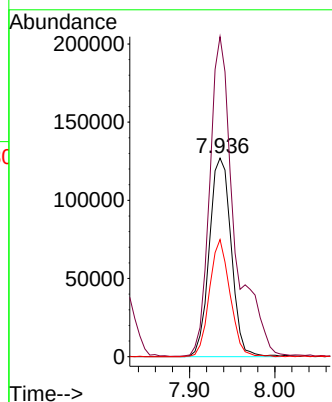
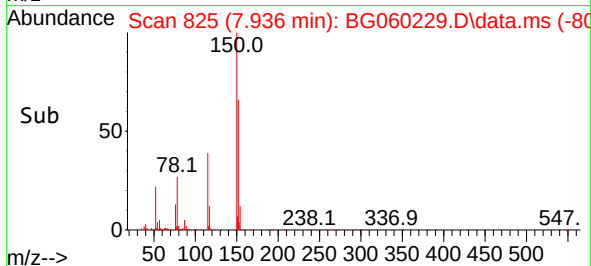
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion:152 Resp: 226380
Ion Ratio Lower Upper
152 100
150 161.2 123.4 185.0
115 59.0 45.4 68.0

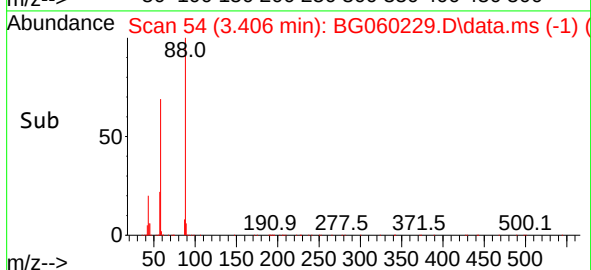
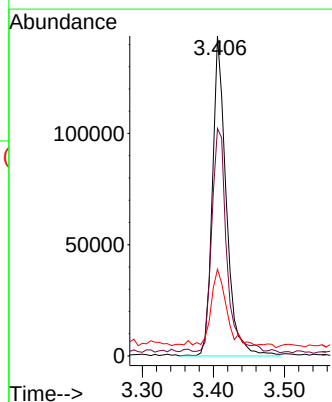
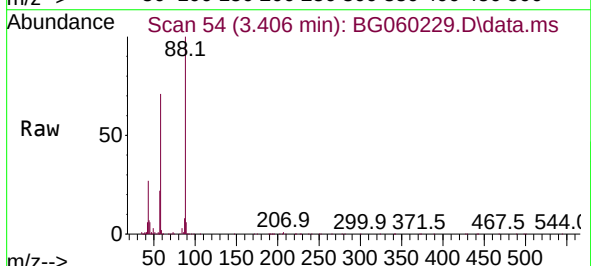
Manual Integrations
APPROVED

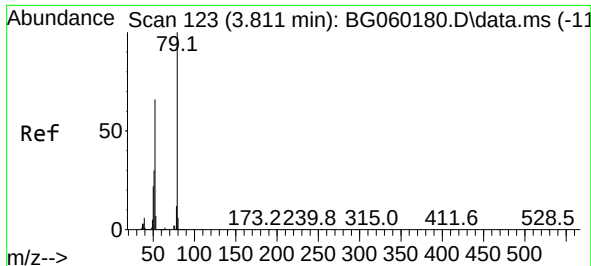
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 29.252 ng
RT: 3.406 min Scan# 54
Delta R.T. -0.011 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

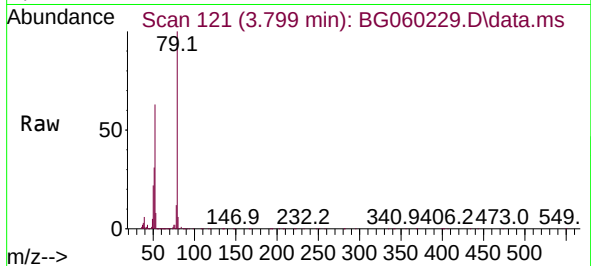
Tgt Ion: 88 Resp: 195204
Ion Ratio Lower Upper
88 100
58 73.7 60.5 90.7
43 25.4 18.9 28.3





#3
Pyridine
Concen: 26.111 ng
RT: 3.799 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

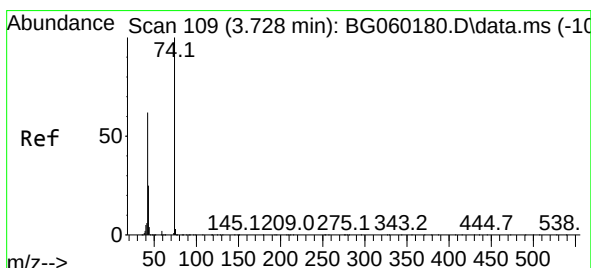
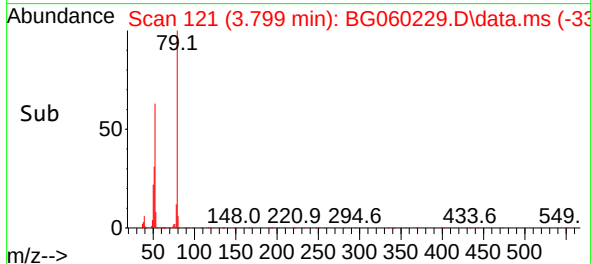
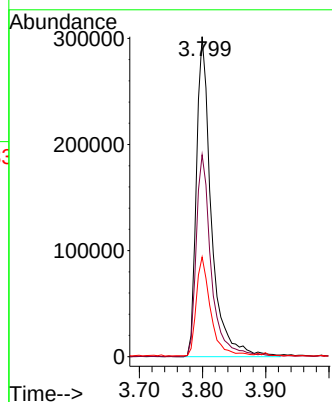
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion: 79 Resp: 49416
Ion Ratio Lower Upper
79 100
52 63.1 52.9 79.3
51 31.1 24.6 37.0

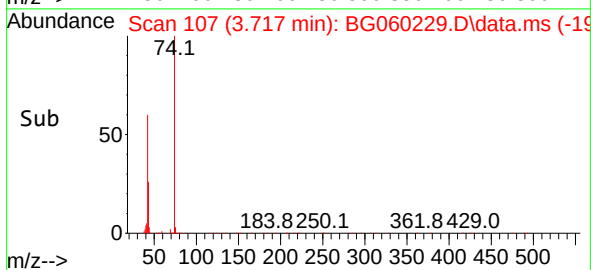
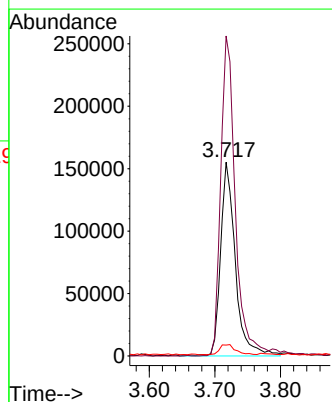
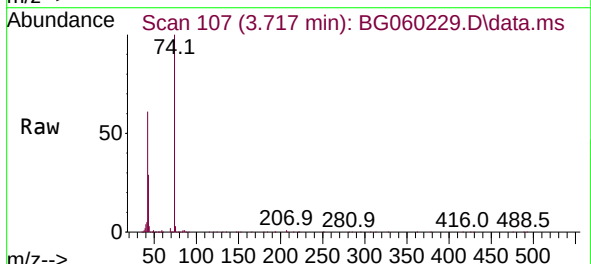
Manual Integrations
APPROVED

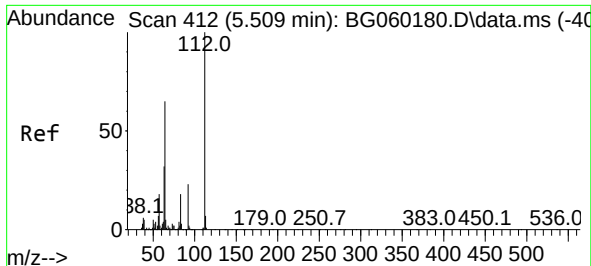
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#4
n-Nitrosodimethylamine
Concen: 34.254 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.011 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

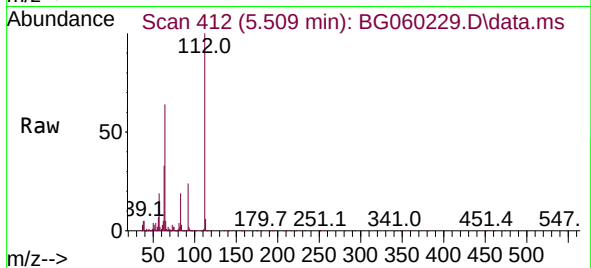
Tgt Ion: 42 Resp: 241839
Ion Ratio Lower Upper
42 100
74 165.1 129.5 194.3
44 5.6 5.9 8.9





#5
2-Fluorophenol
Concen: 124.306 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

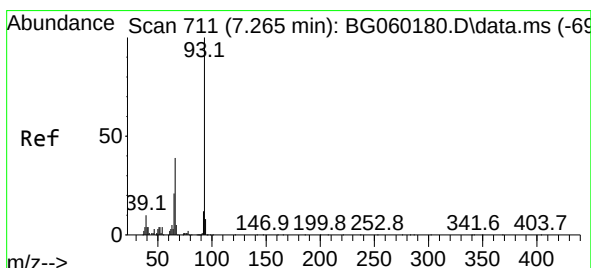
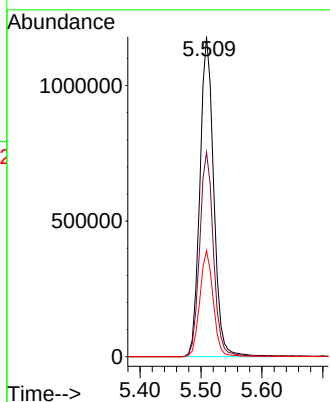
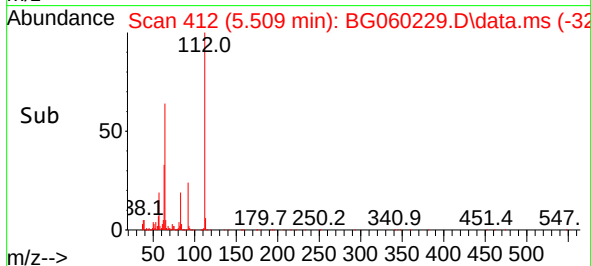
Instrument :
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ClientSampleId :
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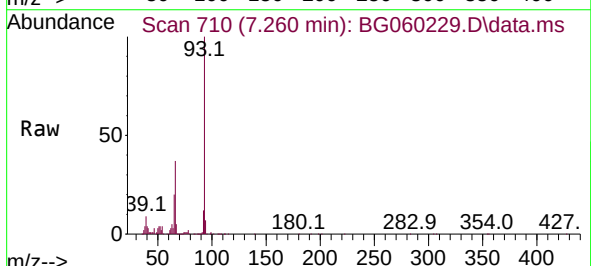
Tgt Ion:112 Resp: 1864460
Ion Ratio Lower Upper
112 100
64 63.9 52.2 78.4
63 33.2 25.4 38.0

Manual Integrations
APPROVED

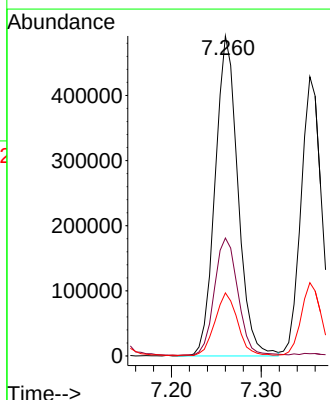
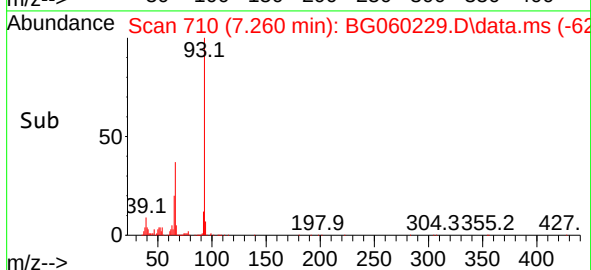
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

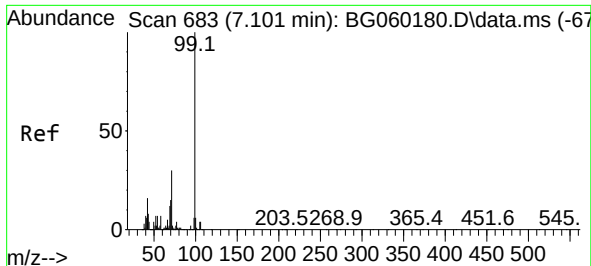


#6
Aniline
Concen: 38.819 ng
RT: 7.260 min Scan# 710
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion: 93 Resp: 866161
Ion Ratio Lower Upper
93 100
66 36.9 31.7 47.5
65 19.7 16.7 25.1





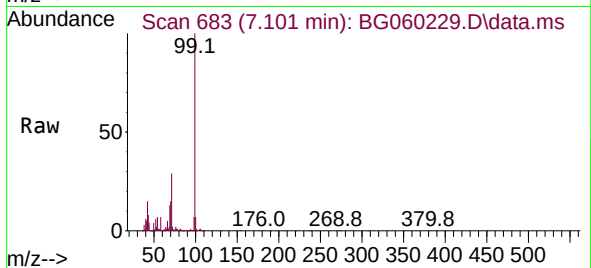
#7
Phenol-d6
Concen: 125.275 ng
RT: 7.101 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



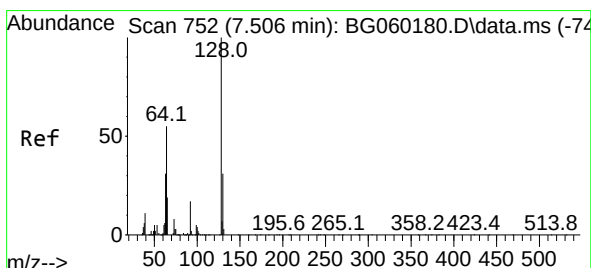
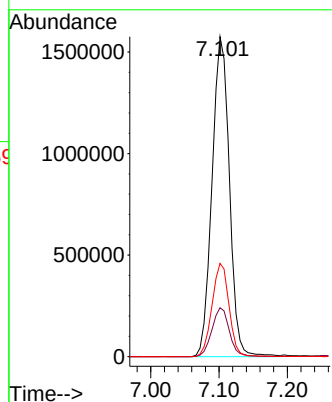
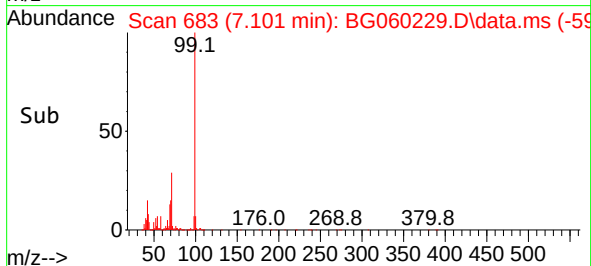
Tgt Ion: 99 Resp: 278987
Ion Ratio Lower Upper
99 100
42 15.3 12.5 18.7
71 29.1 24.1 36.1

Manual Integrations

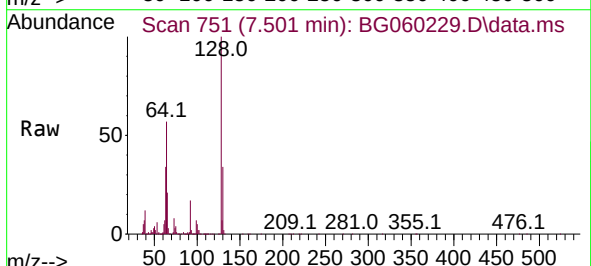
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Reviewed By :Yogesh Patel 01/04/2024

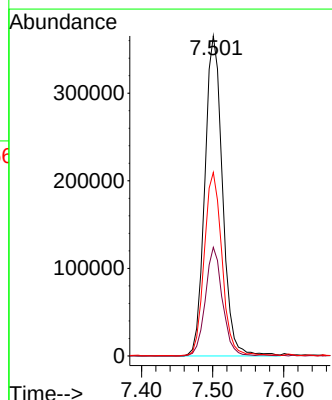
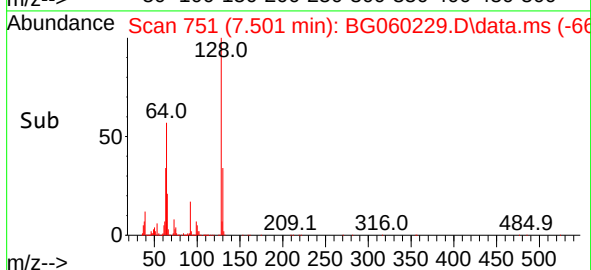
Supervised By :mohammad ahmed 01/04/2024

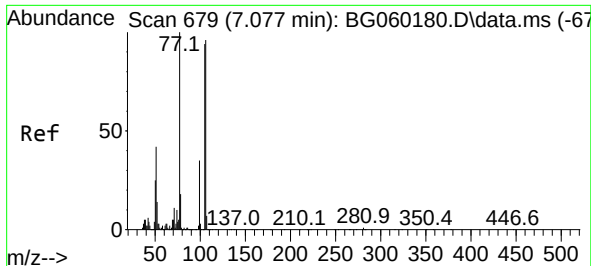


#8
2-Chlorophenol
Concen: 43.945 ng
RT: 7.501 min Scan# 751
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



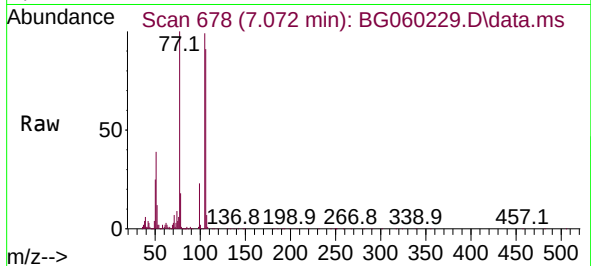
Tgt Ion:128 Resp: 633465
Ion Ratio Lower Upper
128 100
130 33.9 11.3 51.3
64 57.3 36.4 76.4





#9
Benzaldehyde
Concen: 24.832 ng
RT: 7.072 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

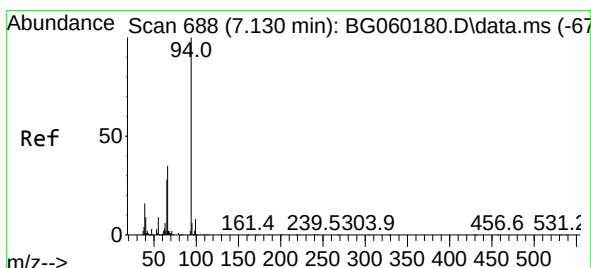
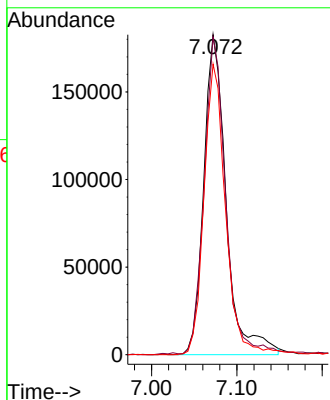
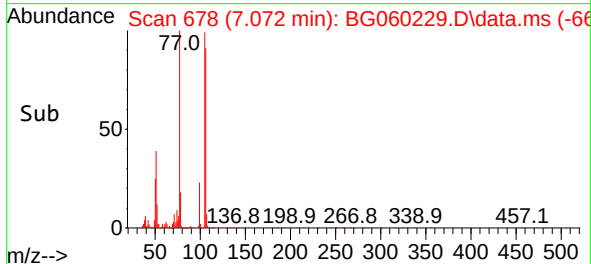
Instrument :
BNA_G
ClientSampleId :
PB158159BS



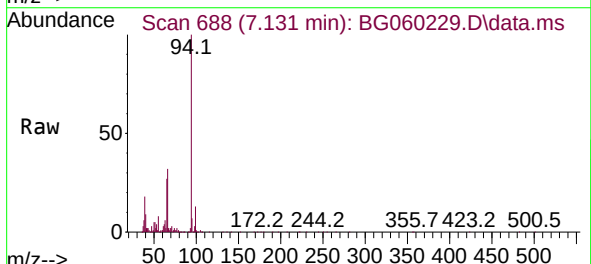
Tgt Ion: 77 Resp: 332485
Ion Ratio Lower Upper
77 100
105 99.3 73.8 113.8
106 90.8 76.2 116.2

Manual Integrations
APPROVED

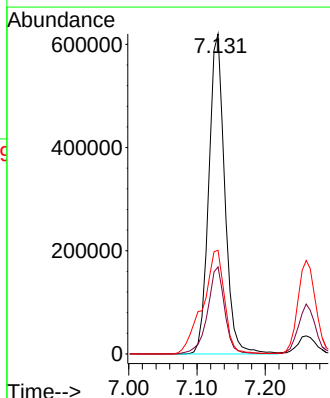
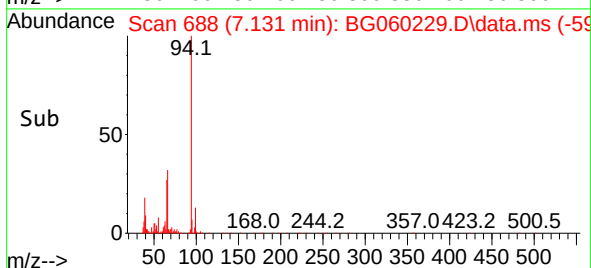
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

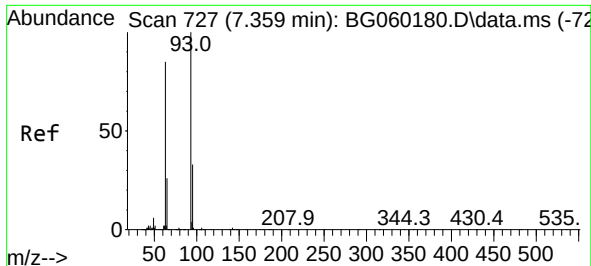


#10
Phenol
Concen: 45.003 ng
RT: 7.131 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion: 94 Resp: 1010666
Ion Ratio Lower Upper
94 100
65 27.2 8.4 48.4
66 32.4 15.0 55.0





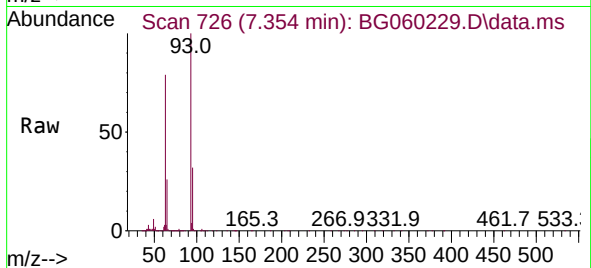
#11
bis(2-Chloroethyl)ether
Concen: 38.648 ng
RT: 7.354 min Scan# 701
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

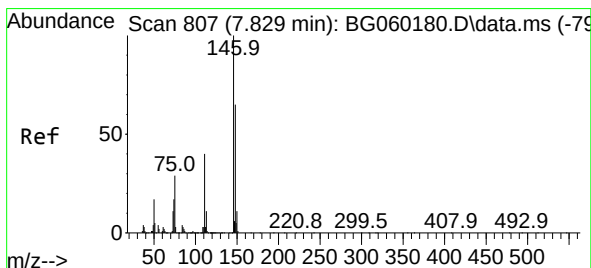
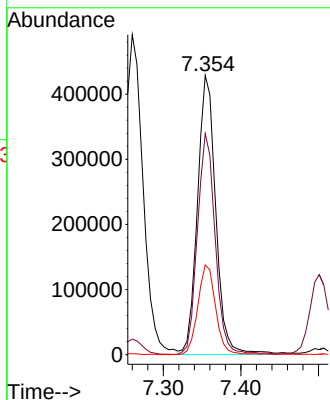
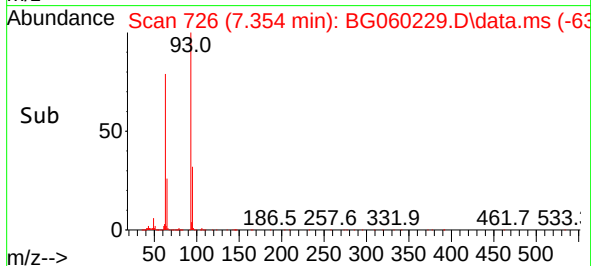
PB158159BS



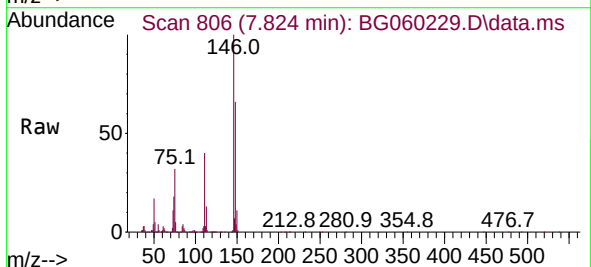
Tgt Ion: 93 Resp: 70233
Ion Ratio Lower Upper
93 100
63 79.2 63.8 103.8
95 32.2 12.3 52.3

Manual Integrations
APPROVED

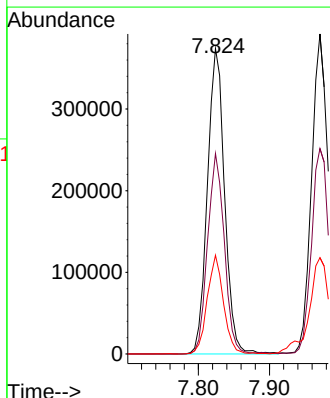
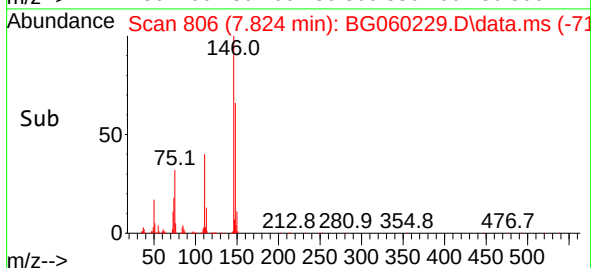
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

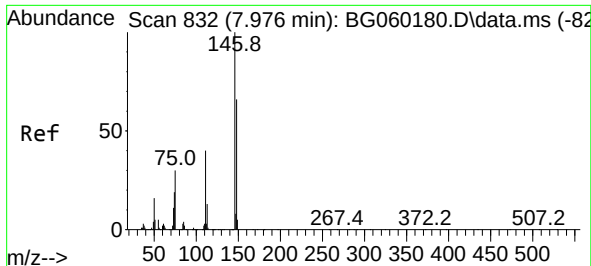


#12
1,3-Dichlorobenzene
Concen: 35.387 ng
RT: 7.824 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:146 Resp: 629693
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.4
75 32.3 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 36.216 ng
RT: 7.971 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

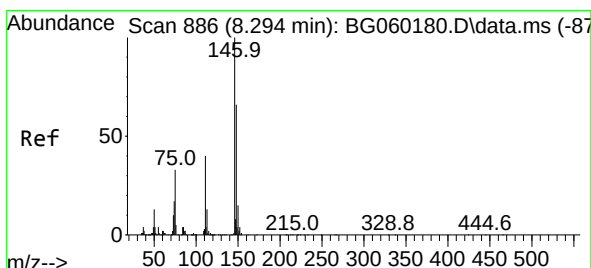
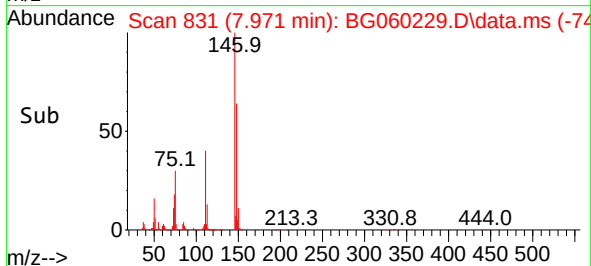
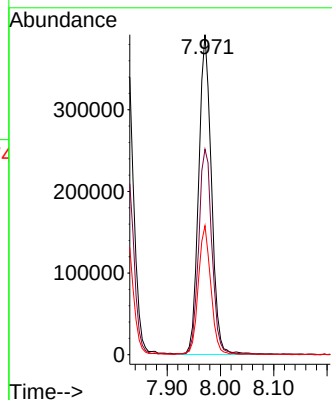
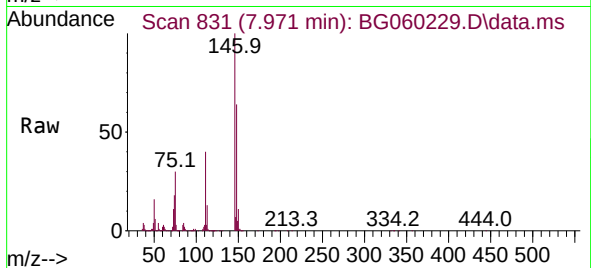
PB158159BS

Tgt Ion:146 Resp: 651514
Ion Ratio Lower Upper
146 100
148 64.2 53.0 79.4
111 40.3 32.0 48.0

Manual Integrations

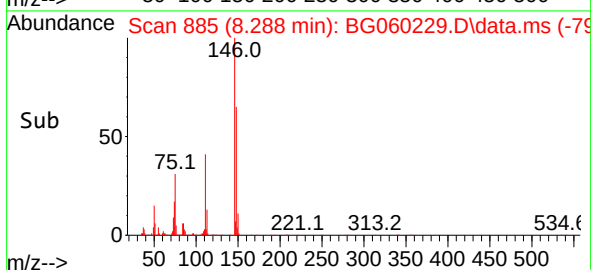
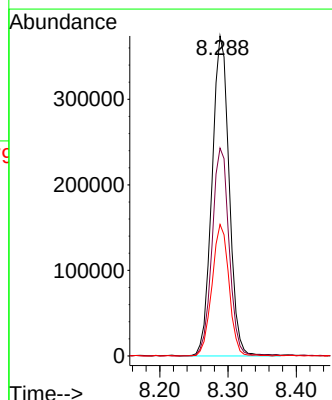
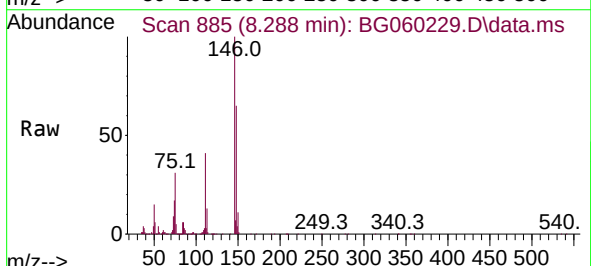
APPROVED

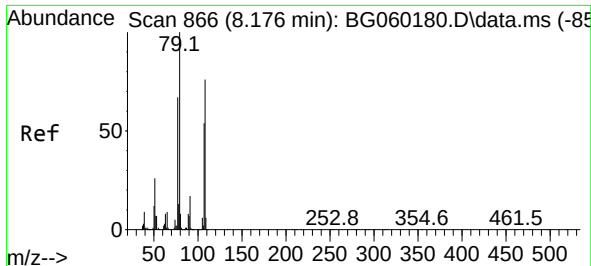
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#14
1,2-Dichlorobenzene
Concen: 37.297 ng
RT: 8.288 min Scan# 885
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:146 Resp: 655942
Ion Ratio Lower Upper
146 100
148 64.9 52.9 79.3
111 41.1 31.8 47.8





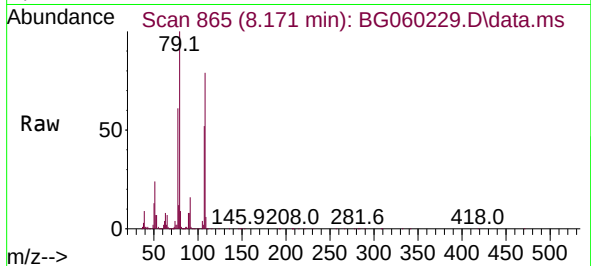
#15
Benzyl Alcohol
Concen: 47.232 ng
RT: 8.171 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



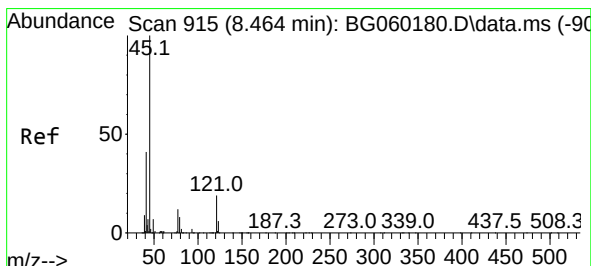
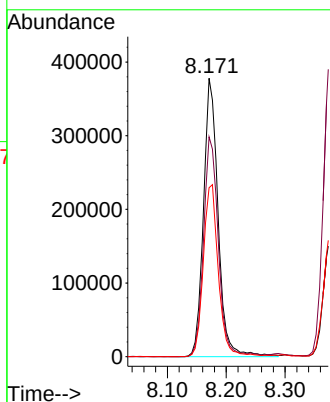
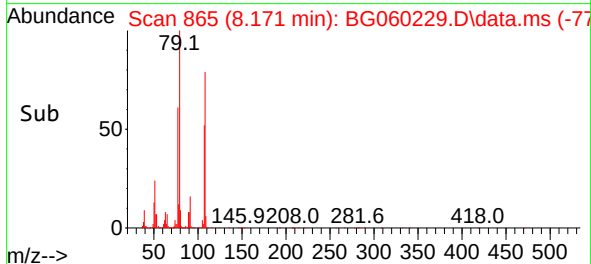
Tgt Ion: 79 Resp: 652890
Ion Ratio Lower Upper
79 100
108 79.0 60.6 91.0
77 60.7 53.8 80.6

Manual Integrations

APPROVED

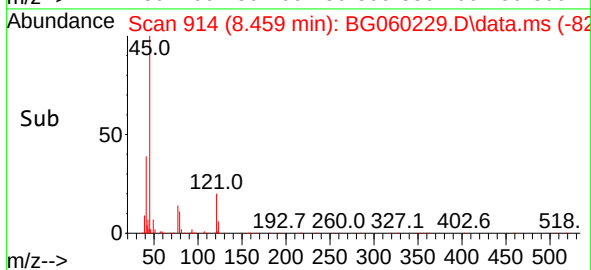
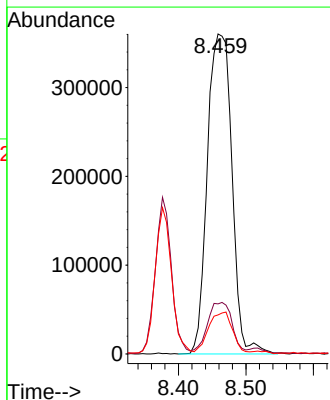
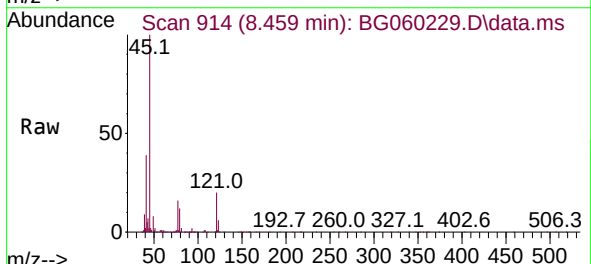
Reviewed By :Yogesh Patel 01/04/2024

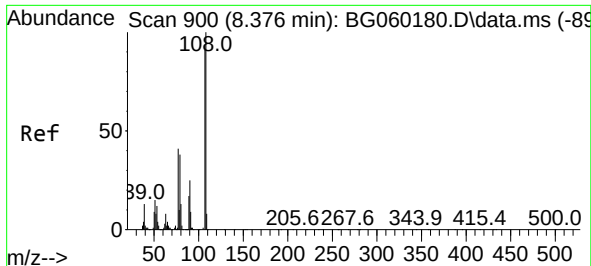
Supervised By :mohammad ahmed 01/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.078 ng m
RT: 8.459 min Scan# 914
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion: 45 Resp: 911411
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.5
79 12.2 0.0 31.5





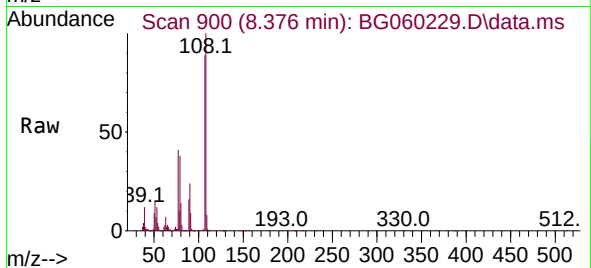
#17
2-Methylphenol
Concen: 46.262 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



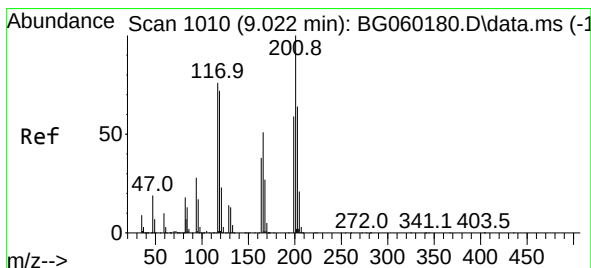
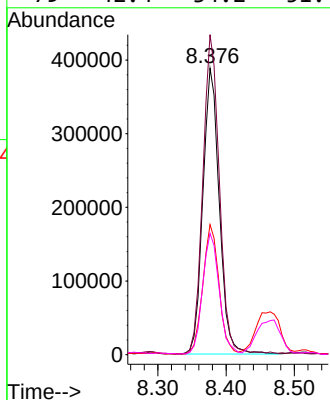
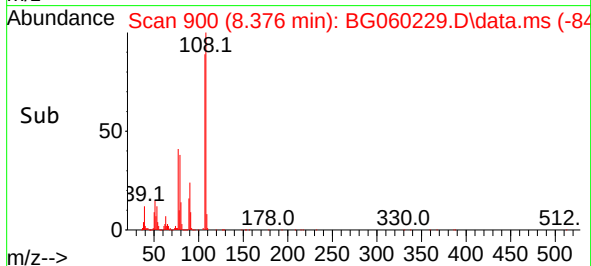
Tgt Ion:107 Resp: 650544
Ion Ratio Lower Upper
107 100
108 111.8 88.7 133.1
77 45.4 36.4 54.6
79 42.4 34.2 51.4

Manual Integrations

APPROVED

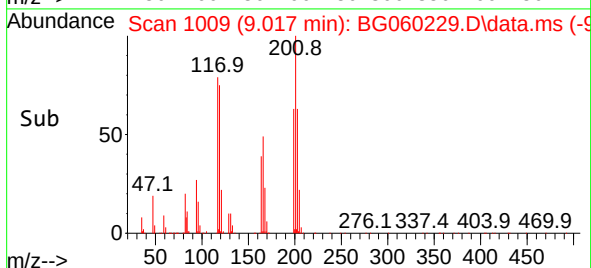
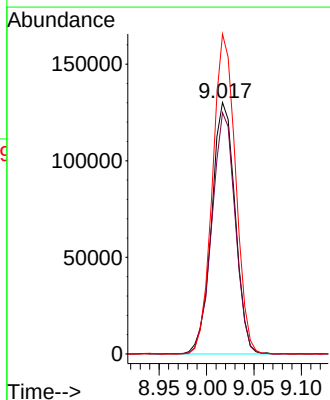
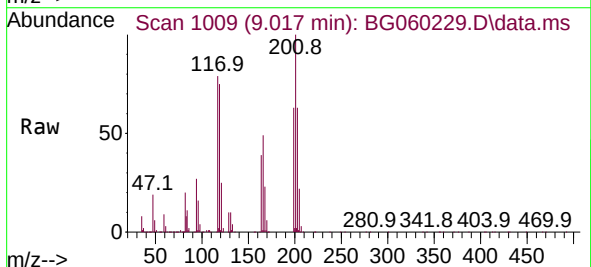
Reviewed By :Yogesh Patel 01/04/2024

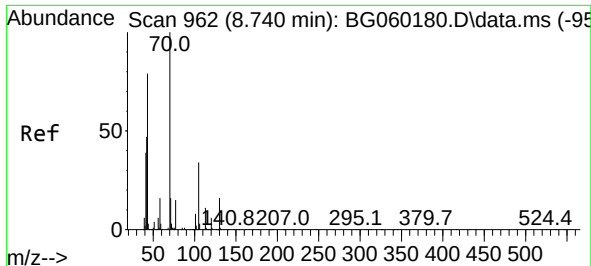
Supervised By :mohammad ahmed 01/04/2024



#18
Hexachloroethane
Concen: 39.449 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:117 Resp: 223509
Ion Ratio Lower Upper
117 100
119 96.0 76.0 114.0
201 130.1 107.5 161.3





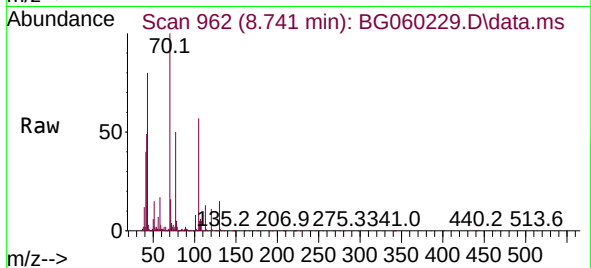
#19
n-Nitroso-di-n-propylamine
Concen: 39.780 ng
RT: 8.741 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



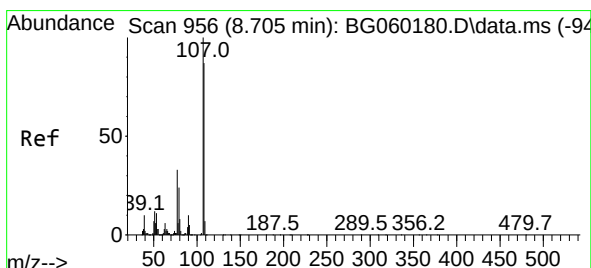
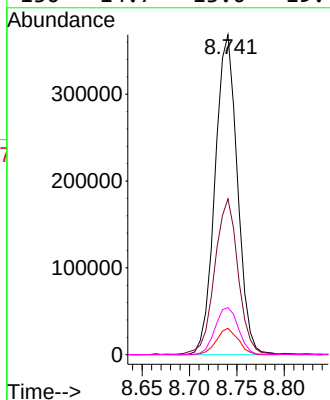
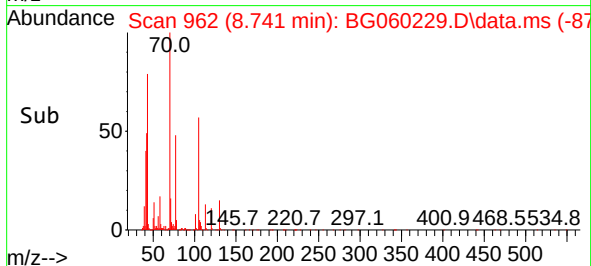
Tgt Ion: 70 Resp: 60520
Ion Ratio Lower Upper
70 100
42 48.7 37.9 56.9
101 8.3 6.2 9.2
130 14.7 13.0 19.4

Manual Integrations

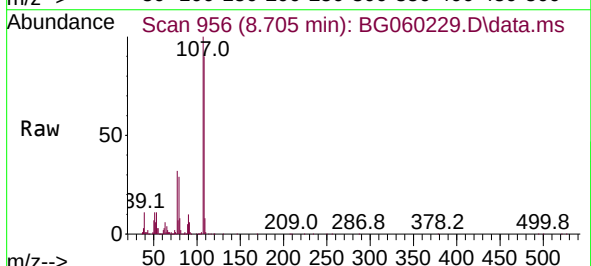
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

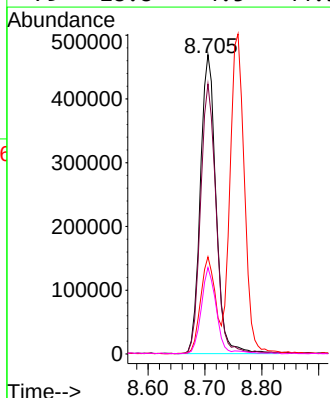
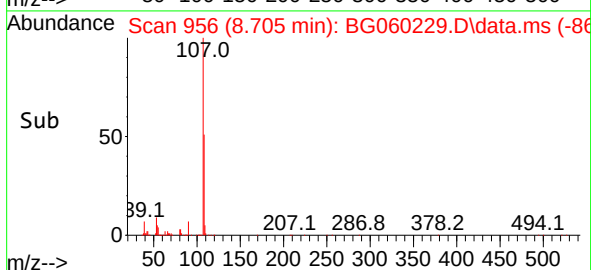
Supervised By :mohammad ahmed 01/04/2024

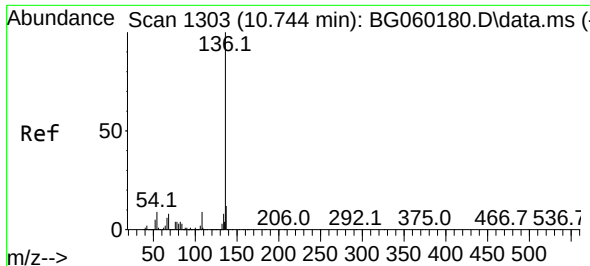


#20
3+4-Methylphenols
Concen: 44.885 ng
RT: 8.705 min Scan# 956
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:107 Resp: 894559
Ion Ratio Lower Upper
107 100
108 90.2 67.4 107.4
77 32.5 12.8 52.8
79 28.8 4.5 44.5





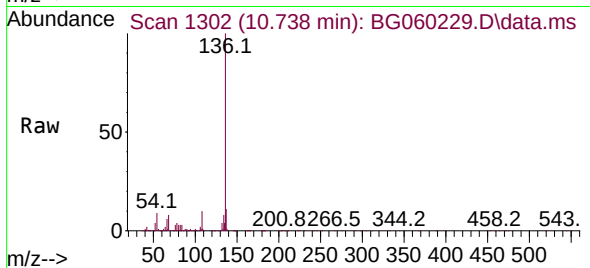
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



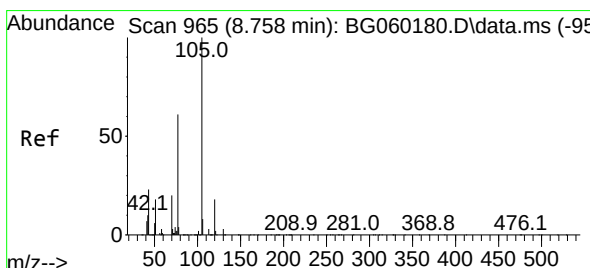
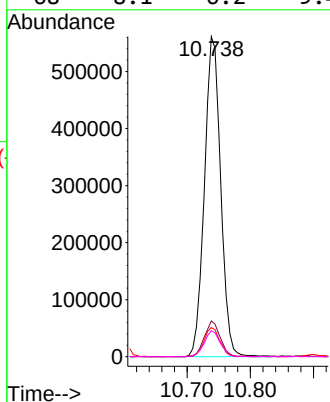
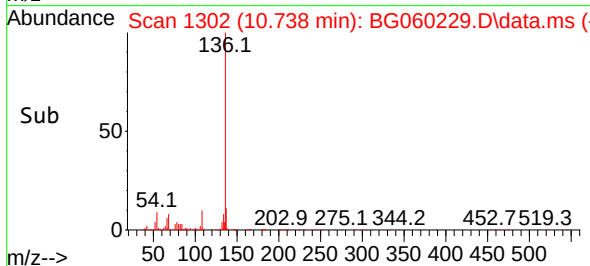
Tgt Ion:136 Resp: 99956
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 9.1 7.4 11.2
68 8.1 6.2 9.4

Manual Integrations

APPROVED

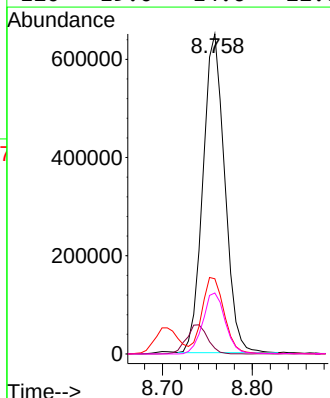
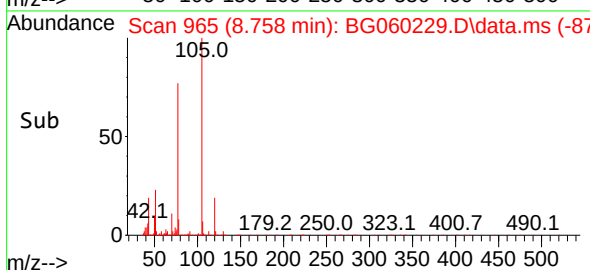
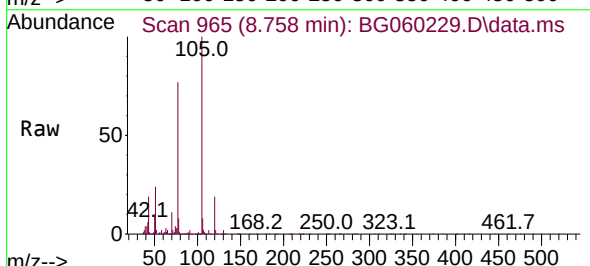
Reviewed By :Yogesh Patel 01/04/2024

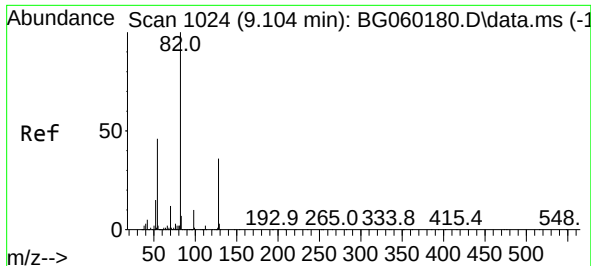
Supervised By :mohammad ahmed 01/04/2024



#22
Acetophenone
Concen: 36.917 ng
RT: 8.758 min Scan# 965
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

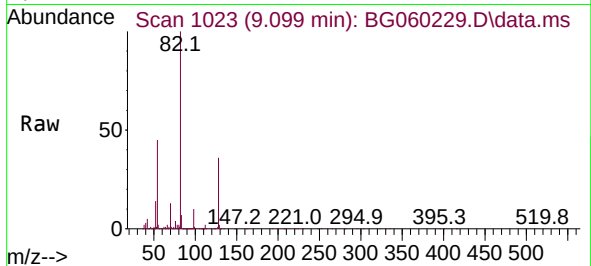
Tgt Ion:105 Resp: 1093292
Ion Ratio Lower Upper
105 100
71 1.8 2.6 3.8#
51 23.5 20.0 30.0
120 19.0 14.6 22.0





#23
Nitrobenzene-d5
Concen: 75.394 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

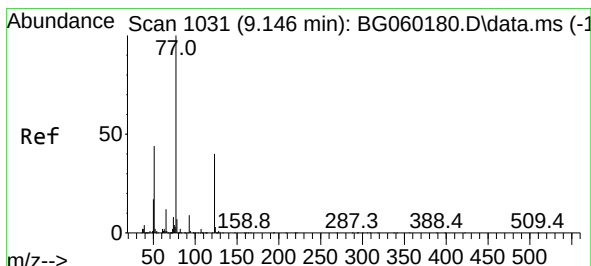
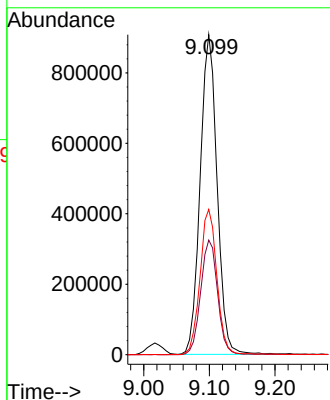
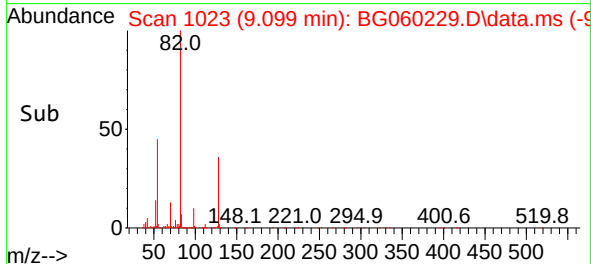
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion: 82 Resp: 1631540
Ion Ratio Lower Upper
82 100
128 35.8 28.7 43.1
54 45.4 36.9 55.3

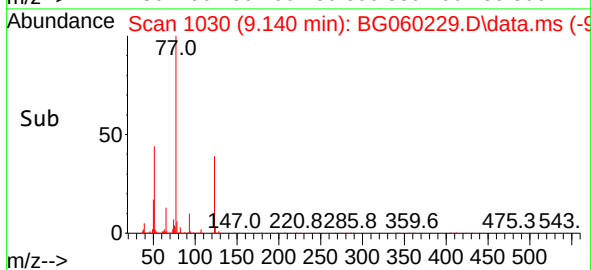
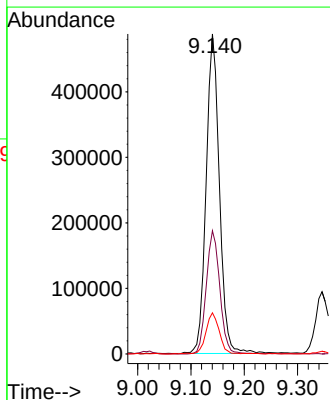
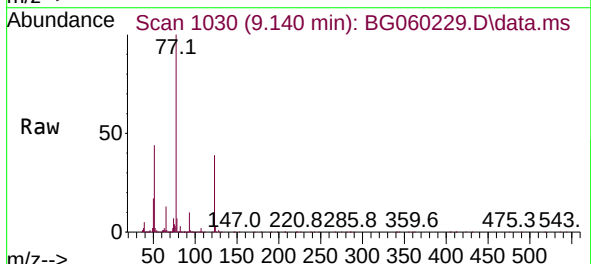
Manual Integrations
APPROVED

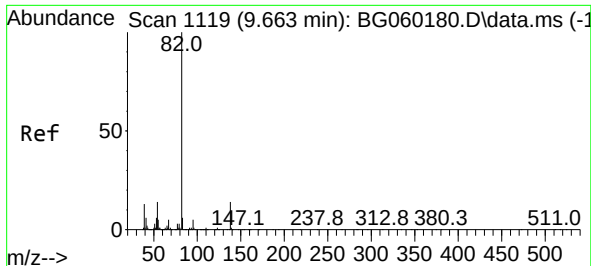
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#24
Nitrobenzene
Concen: 38.003 ng
RT: 9.140 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

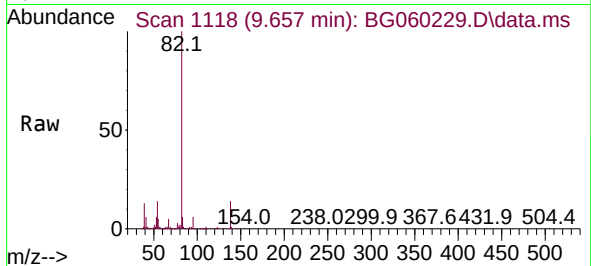
Tgt Ion: 77 Resp: 841429
Ion Ratio Lower Upper
77 100
123 38.5 31.9 47.9
65 12.9 9.9 14.9





#25
Isophorone
Concen: 37.127 ng
RT: 9.657 min Scan# 1118
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

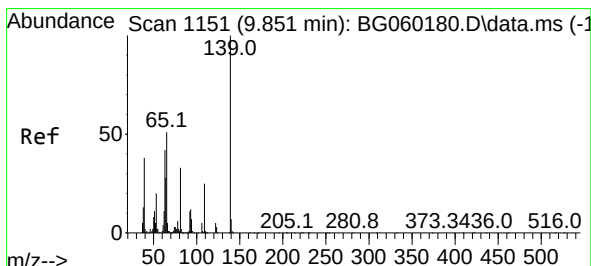
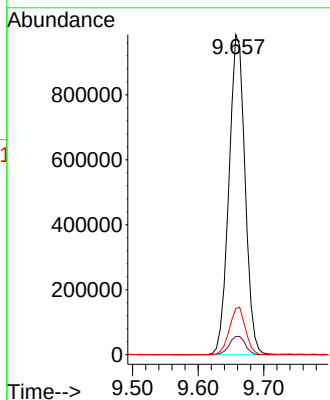
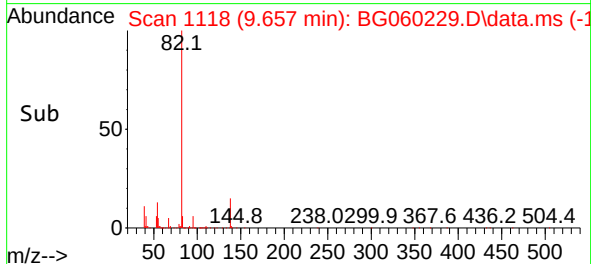
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion: 82 Resp: 1680950
Ion Ratio Lower Upper
82 100
95 5.7 4.4 6.6
138 14.4 11.5 17.3

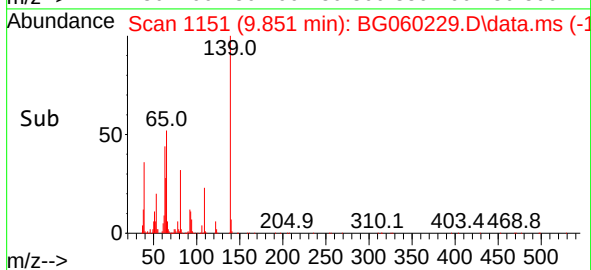
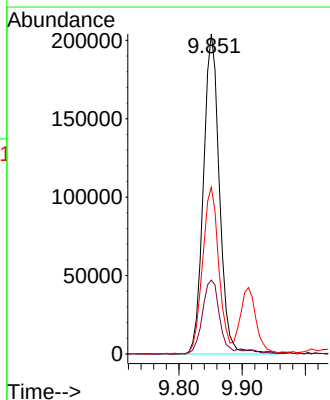
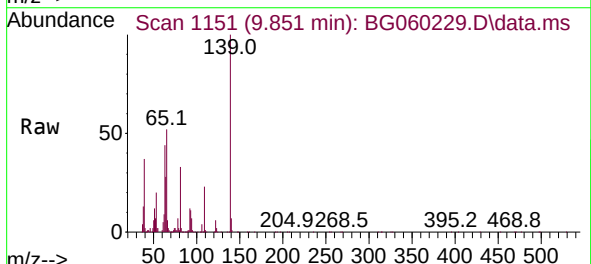
Manual Integrations
APPROVED

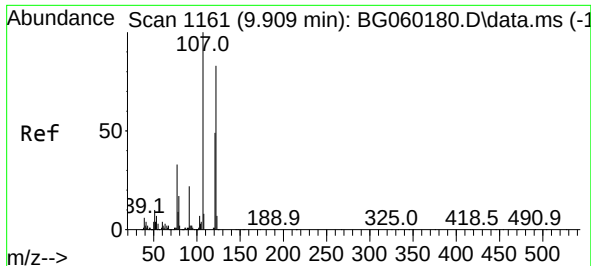
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#26
2-Nitrophenol
Concen: 46.499 ng
RT: 9.851 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:139 Resp: 359258
Ion Ratio Lower Upper
139 100
109 23.1 19.8 29.8
65 52.2 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 61.158 ng

RT: 9.910 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BG060229.D

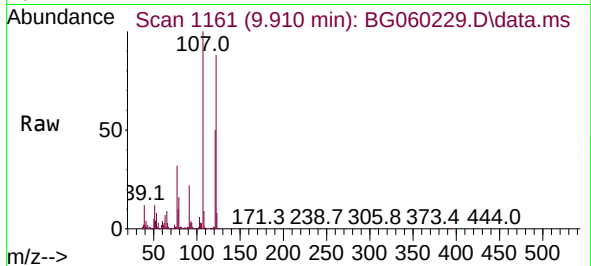
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



Tgt Ion:122 Resp: 669319

Ion Ratio Lower Upper

122 100

107 113.9 95.8 143.6

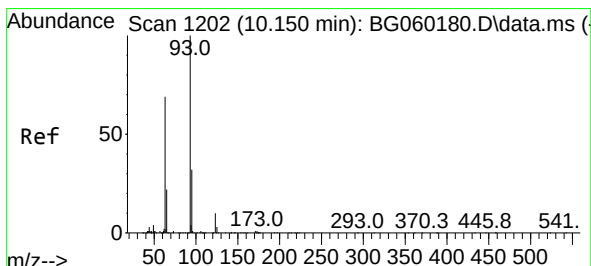
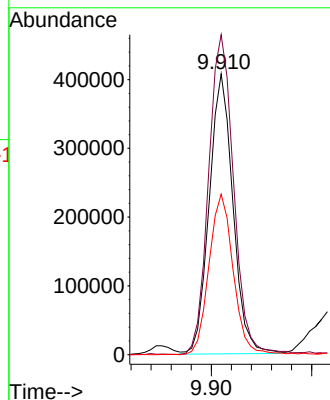
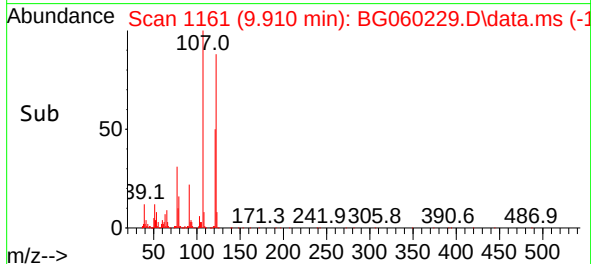
121 57.1 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.991 ng

RT: 10.145 min Scan# 1201

Delta R.T. -0.005 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

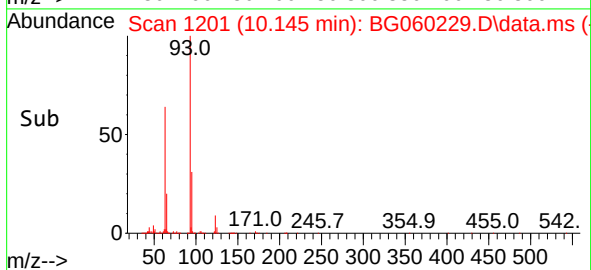
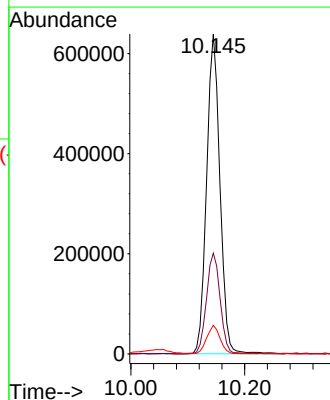
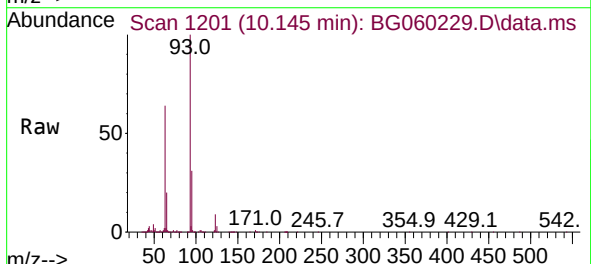
Tgt Ion: 93 Resp: 1033972

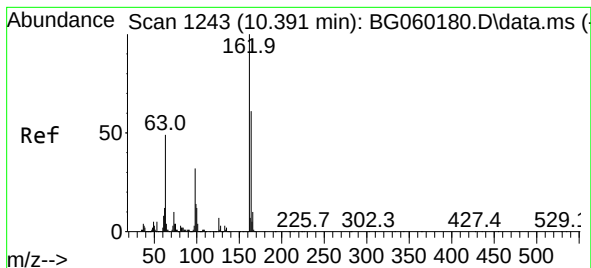
Ion Ratio Lower Upper

93 100

95 31.5 25.8 38.6

123 9.0 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 45.412 ng
RT: 10.386 min Scan# 1243
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

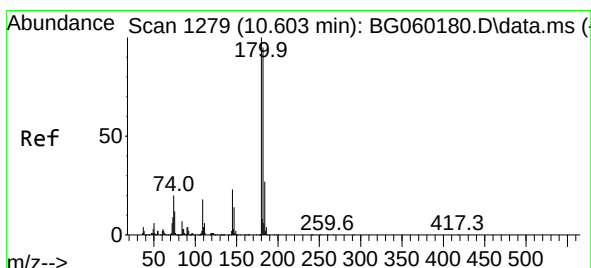
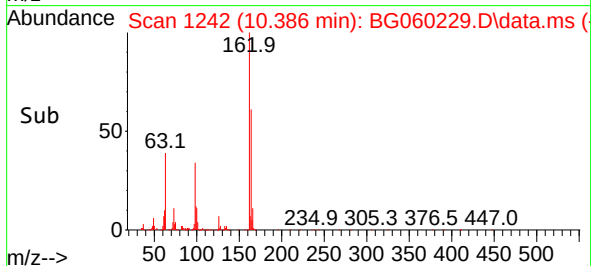
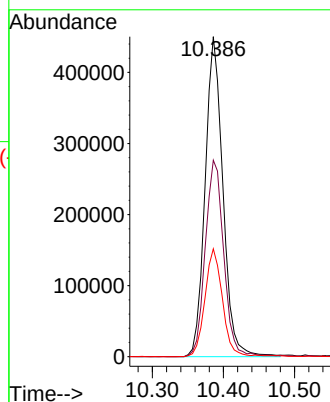
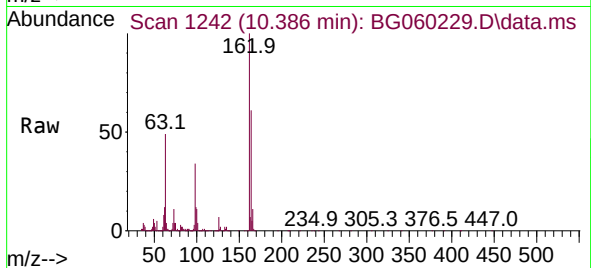
ClientSampleId :

PB158159BS

Tgt Ion:162 Resp: 78546
Ion Ratio Lower Upper
162 100
164 61.4 40.7 80.7
98 33.7 11.7 51.7

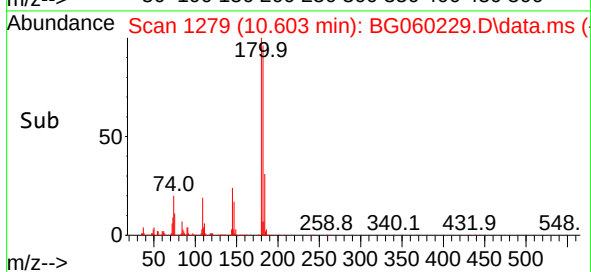
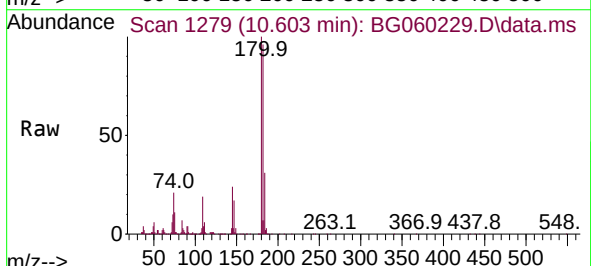
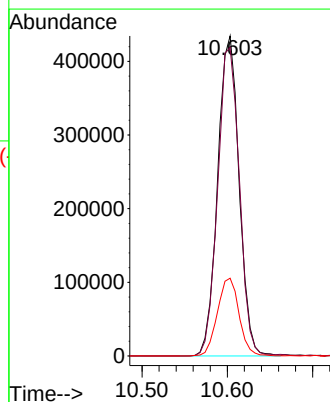
Manual Integrations
APPROVED

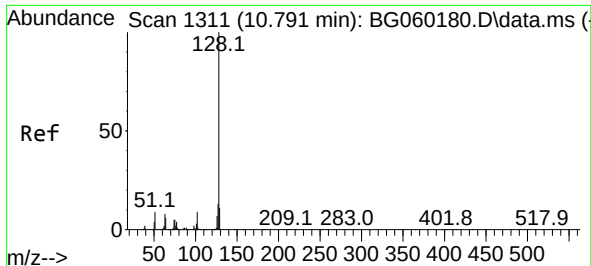
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 36.111 ng
RT: 10.603 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:180 Resp: 760207
Ion Ratio Lower Upper
180 100
182 96.4 75.7 113.5
145 24.3 18.4 27.6





#31
Naphthalene
Concen: 37.326 ng
RT: 10.791 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

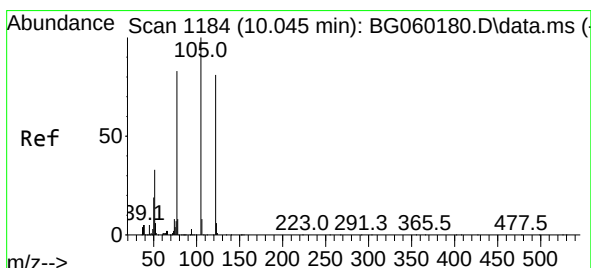
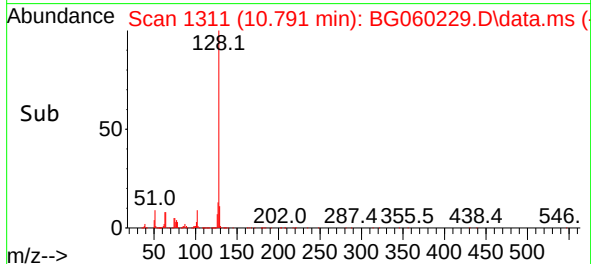
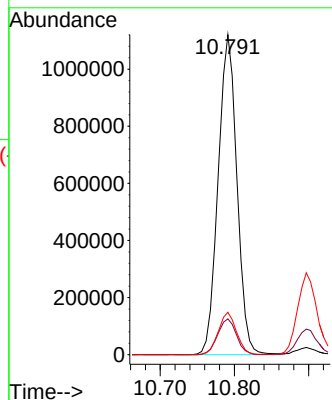
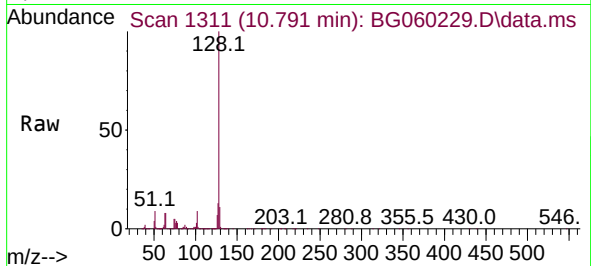
Tgt Ion:128 Resp: 1969698
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.6 16.0

Manual Integrations

APPROVED

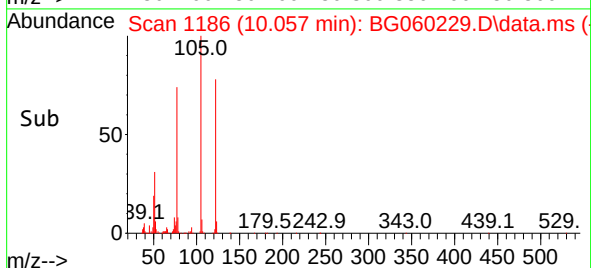
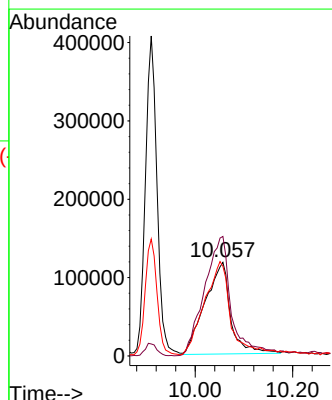
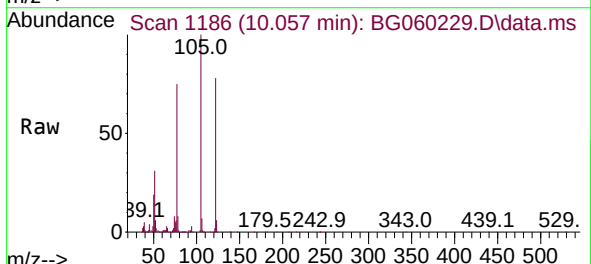
Reviewed By :Yogesh Patel 01/04/2024

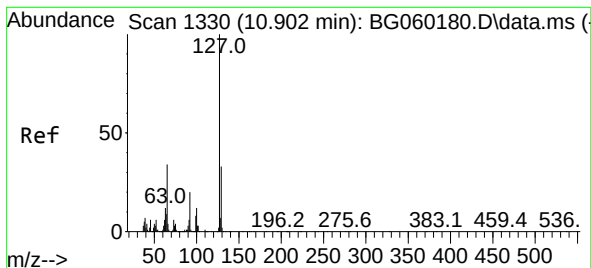
Supervised By :mohammad ahmed 01/04/2024



#32
Benzoic acid
Concen: 44.618 ng
RT: 10.057 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:122 Resp: 427380
Ion Ratio Lower Upper
122 100
105 127.7 99.2 139.2
77 95.6 81.0 121.0





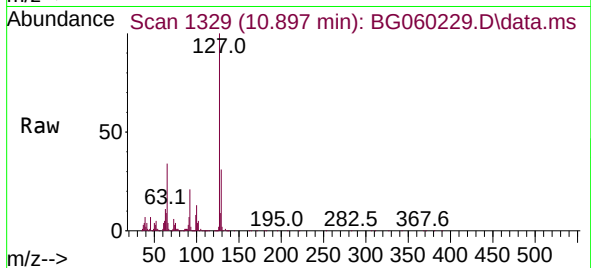
#33
4-Chloroaniline
Concen: 25.742 ng
RT: 10.897 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



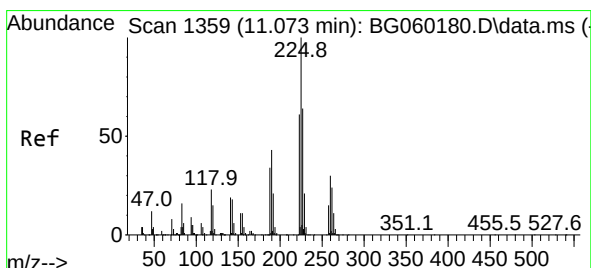
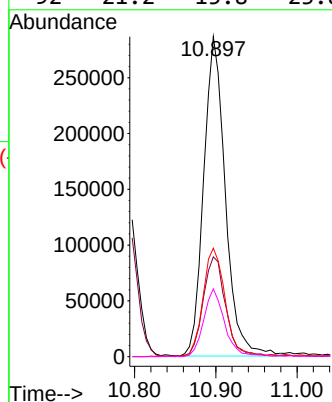
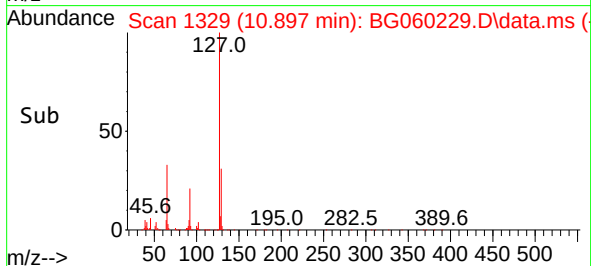
Tgt Ion:127 Resp: 530520
Ion Ratio Lower Upper
127 100
129 31.2 26.0 39.0
65 33.9 27.4 41.0
92 21.2 15.8 23.8

Manual Integrations

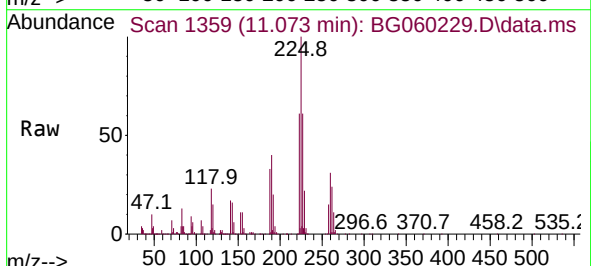
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

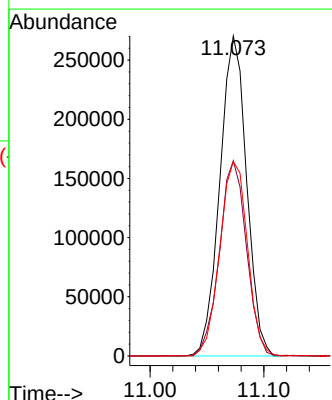
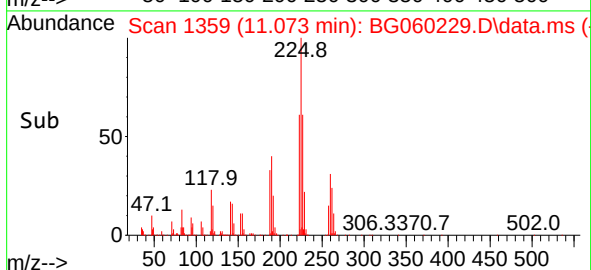
Supervised By :mohammad ahmed 01/04/2024

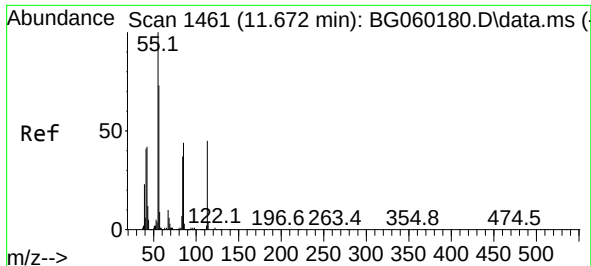


#34
Hexachlorobutadiene
Concen: 35.311 ng
RT: 11.073 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



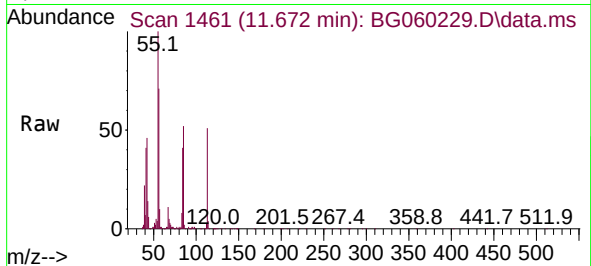
Tgt Ion:225 Resp: 442118
Ion Ratio Lower Upper
225 100
223 61.0 49.0 73.6
227 60.7 51.0 76.4





#35
Caprolactam
Concen: 46.494 ng m
RT: 11.672 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

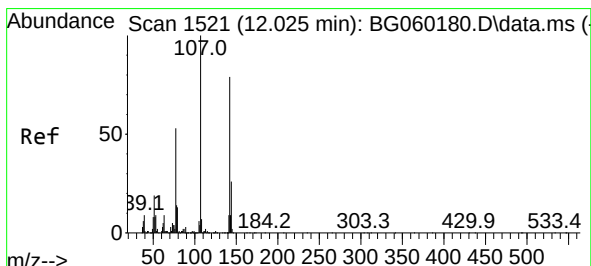
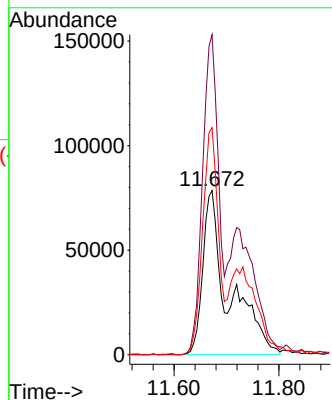
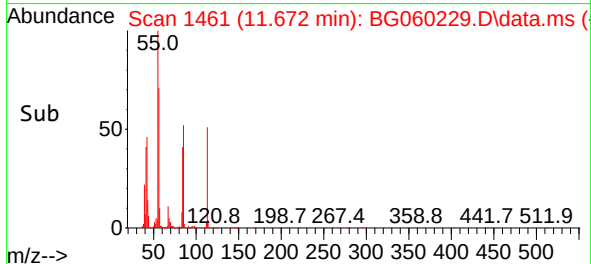
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion:113 Resp: 267509
Ion Ratio Lower Upper
113 100
55 194.9 202.1 242.1
56 138.3 142.4 182.4

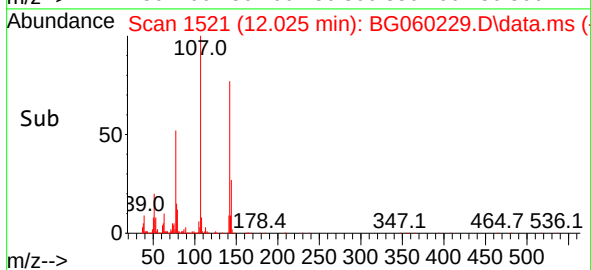
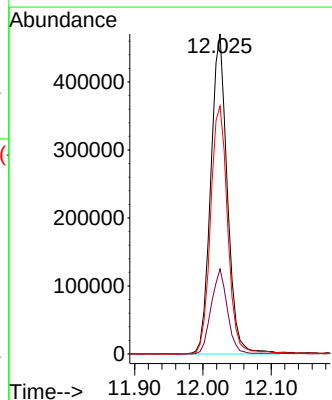
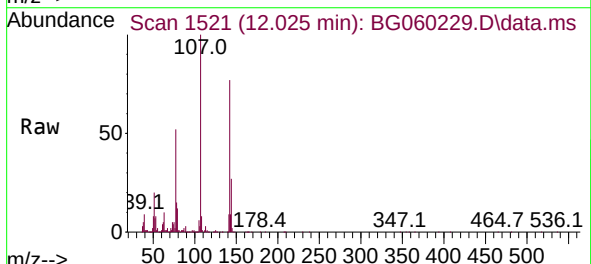
Manual Integrations
APPROVED

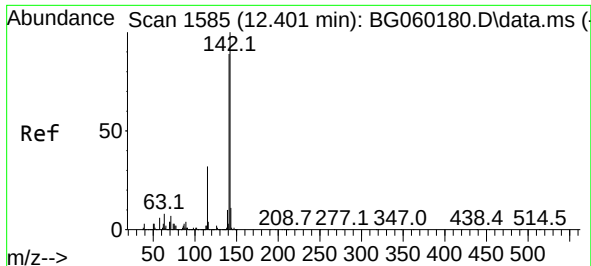
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#36
4-Chloro-3-methylphenol
Concen: 44.603 ng
RT: 12.025 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:107 Resp: 793964
Ion Ratio Lower Upper
107 100
144 26.5 20.8 31.2
142 77.4 63.4 95.2





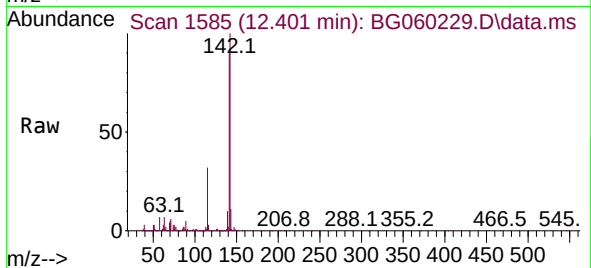
#37
2-Methylnaphthalene
Concen: 39.747 ng
RT: 12.401 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



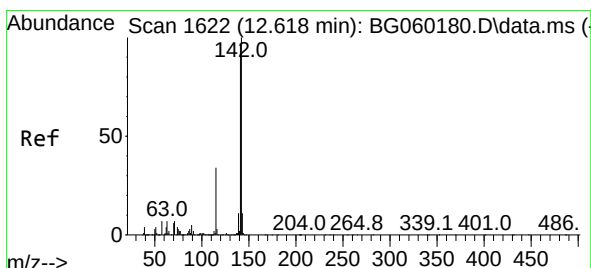
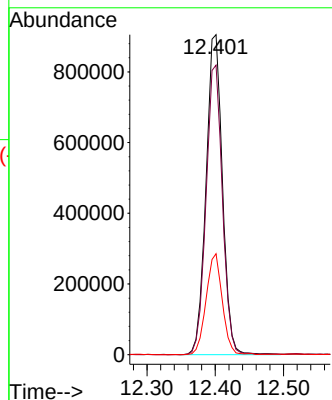
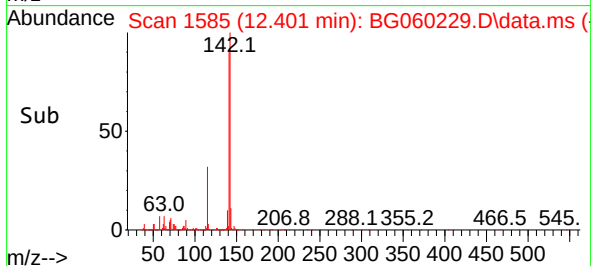
Tgt Ion:142 Resp: 1515020
Ion Ratio Lower Upper
142 100
141 90.5 71.1 106.7
115 31.5 25.5 38.3

Manual Integrations

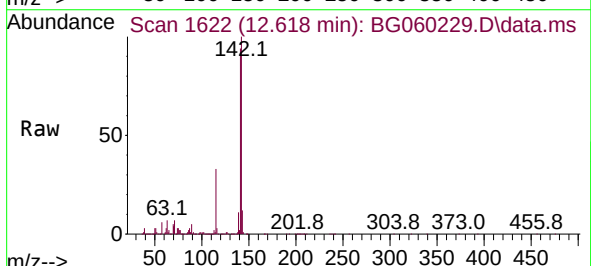
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

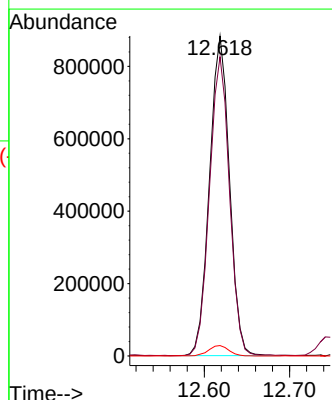
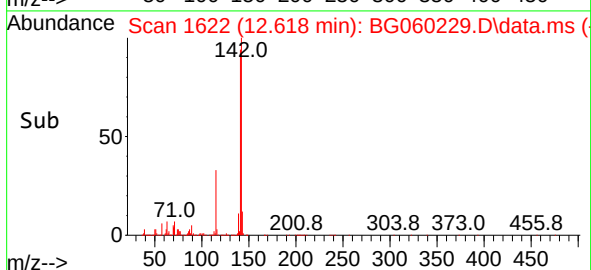
Supervised By :mohammad ahmed 01/04/2024

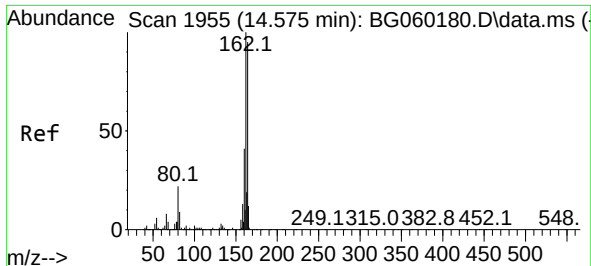


#38
1-Methylnaphthalene
Concen: 37.275 ng
RT: 12.618 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:142 Resp: 1436484
Ion Ratio Lower Upper
142 100
141 93.5 76.6 114.8
116 3.2 2.6 3.8





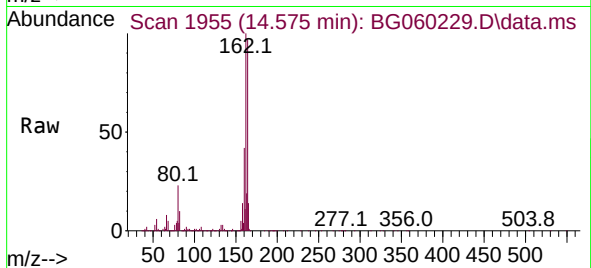
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

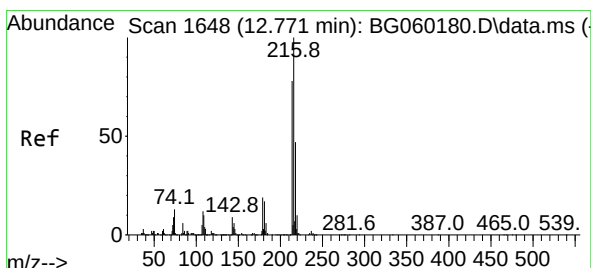
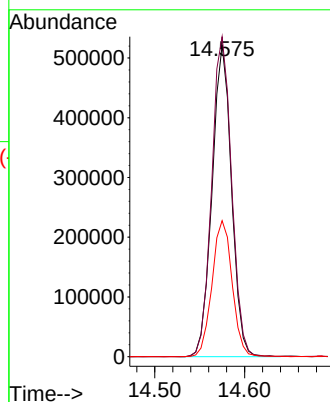
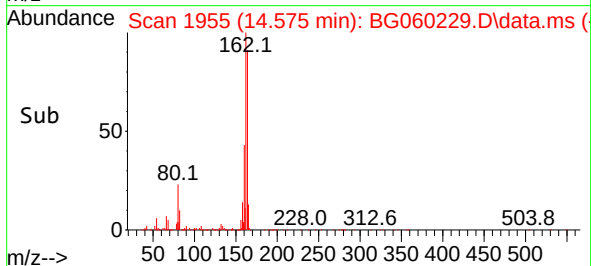


Tgt Ion:164 Resp: 78288
Ion Ratio Lower Upper
164 100
162 102.7 83.9 125.9
160 43.7 34.2 51.4

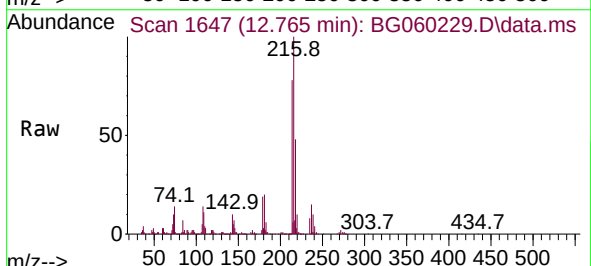
Manual Integrations

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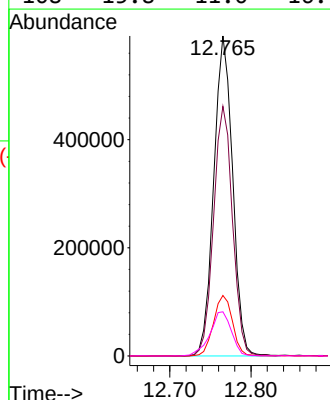
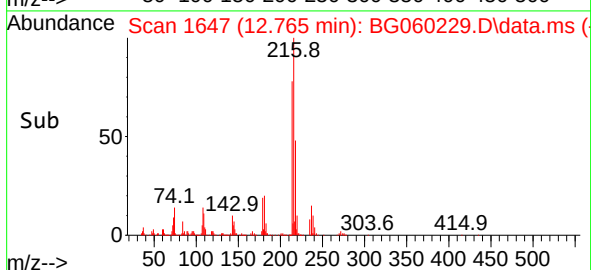
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

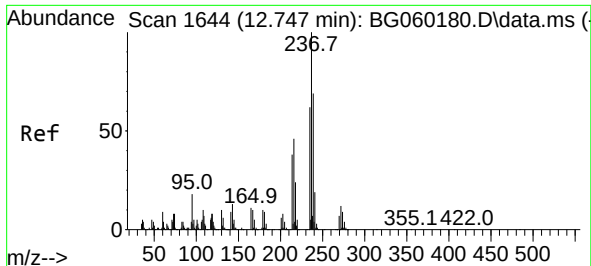


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.081 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



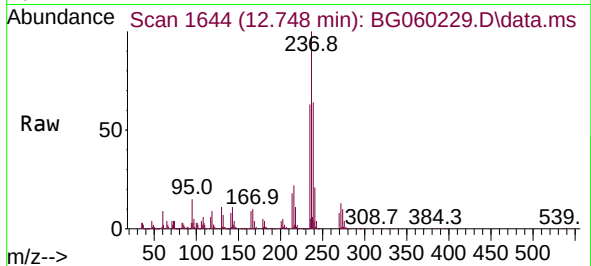
Tgt Ion:216 Resp: 954966
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 19.0 15.2 22.8
108 15.8 11.0 16.4





#41
Hexachlorocyclopentadiene
Concen: 119.099 ng
RT: 12.748 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

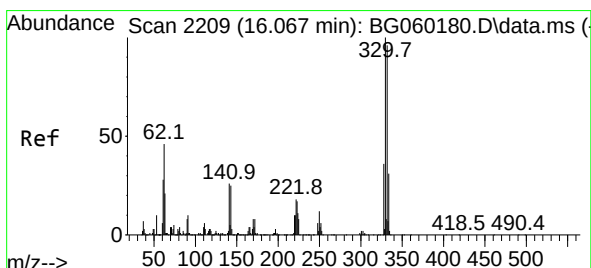
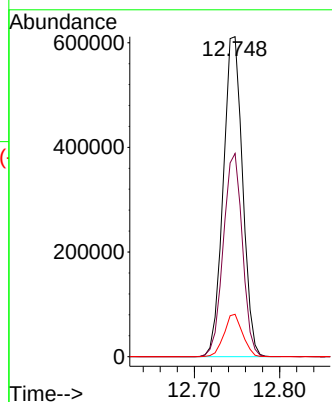
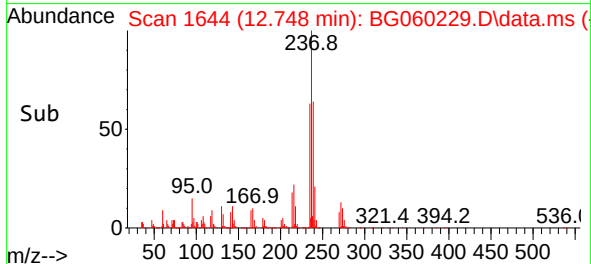
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion:237 Resp: 965380
Ion Ratio Lower Upper
237 100
235 63.5 42.2 82.2
272 13.2 0.0 32.0

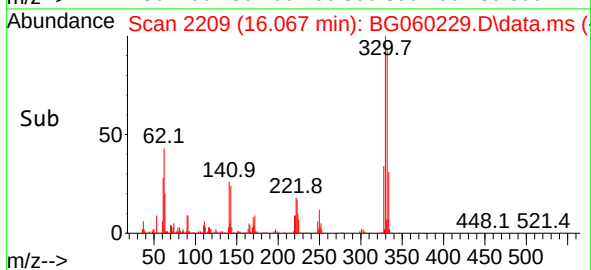
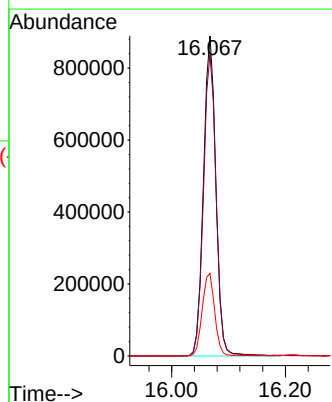
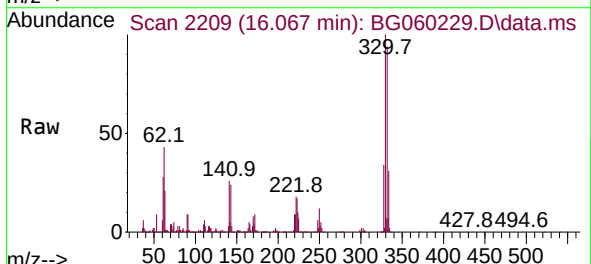
Manual Integrations
APPROVED

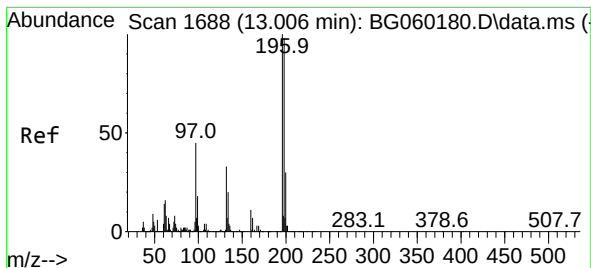
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#42
2,4,6-Tribromophenol
Concen: 128.505 ng
RT: 16.067 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

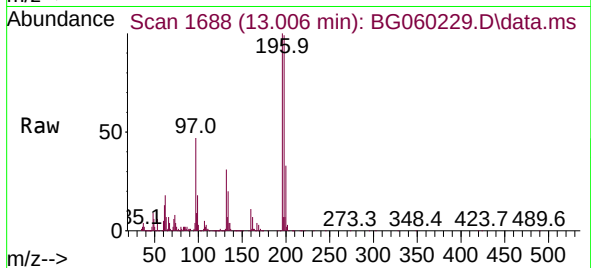
Tgt Ion:330 Resp: 1346700
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 26.1 21.0 31.4





#43
2,4,6-Trichlorophenol
Concen: 42.512 ng
RT: 13.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

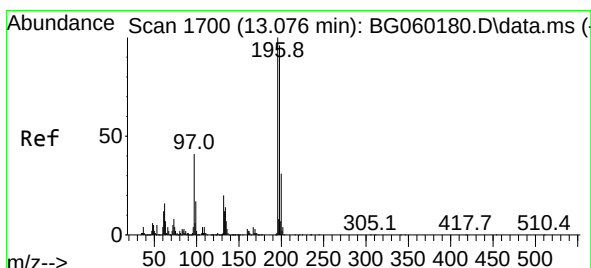
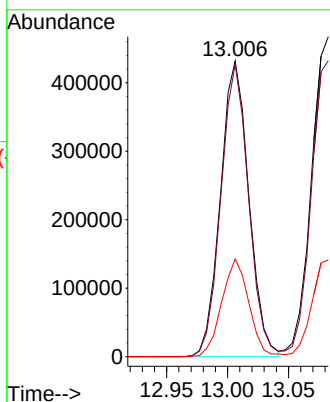
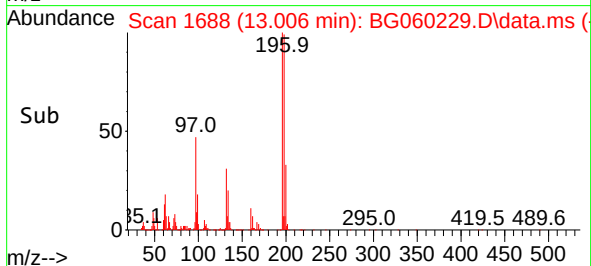
Instrument :
BNA_G
ClientSampleId :
PB158159BS



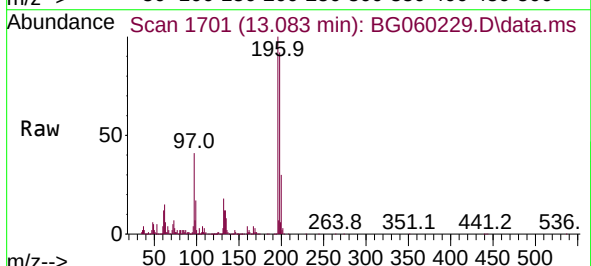
Tgt Ion:196 Resp: 700560
Ion Ratio Lower Upper
196 100
198 98.8 78.3 117.5
200 33.0 23.9 35.9

Manual Integrations
APPROVED

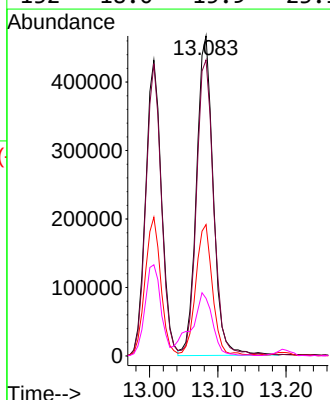
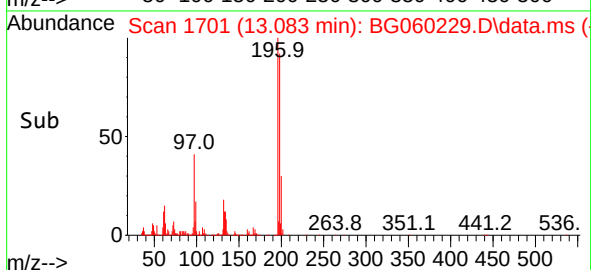
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

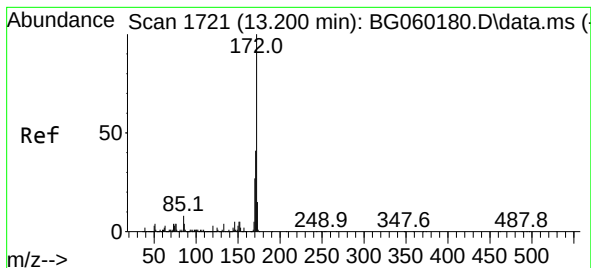


#44
2,4,5-Trichlorophenol
Concen: 43.250 ng
RT: 13.083 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:196 Resp: 797314
Ion Ratio Lower Upper
196 100
198 92.5 76.6 115.0
97 41.1 32.9 49.3
132 18.0 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 71.681 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

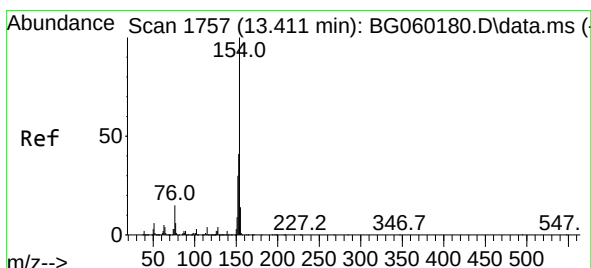
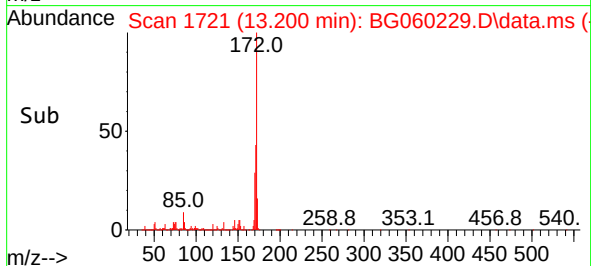
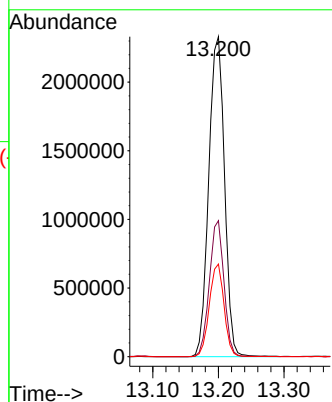
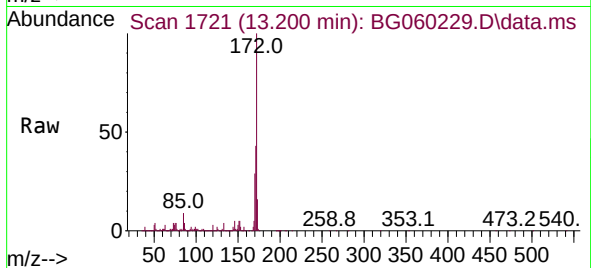
ClientSampleId :

PB158159BS

Tgt Ion:172 Resp: 390464
Ion Ratio Lower Upper
172 100
171 42.5 32.6 48.8
170 29.0 21.8 32.6

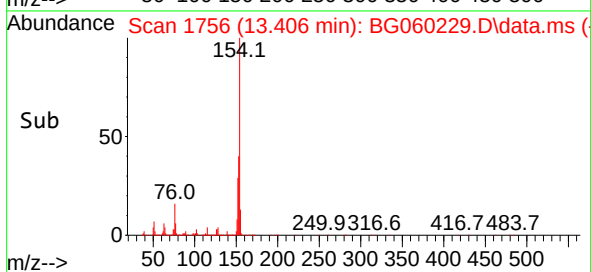
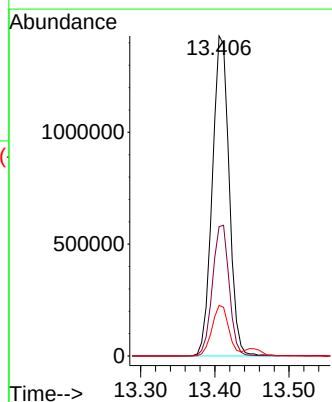
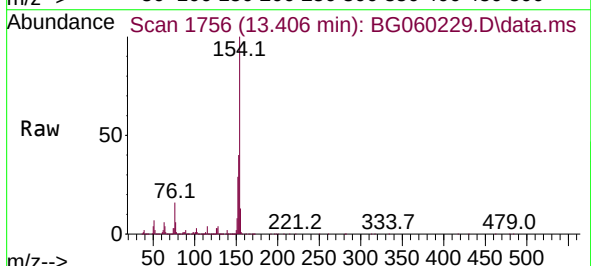
Manual Integrations
APPROVED

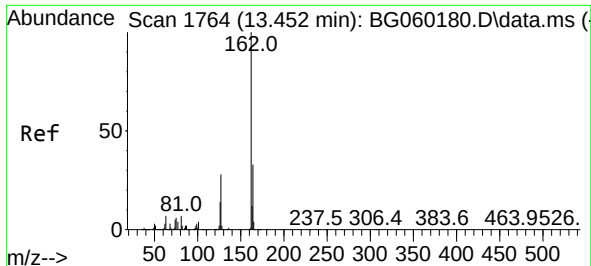
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#46
1,1'-Biphenyl
Concen: 39.112 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:154 Resp: 2252855
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 15.8 0.0 35.4





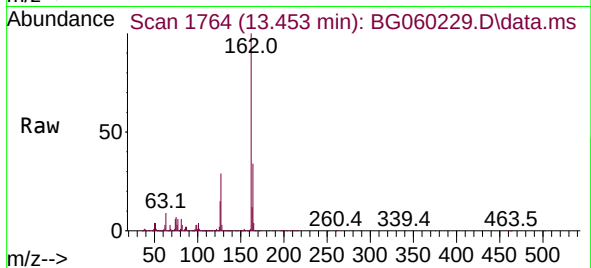
#47
2-Chloronaphthalene
Concen: 37.809 ng
RT: 13.453 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



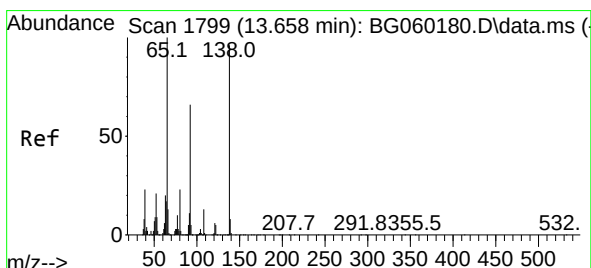
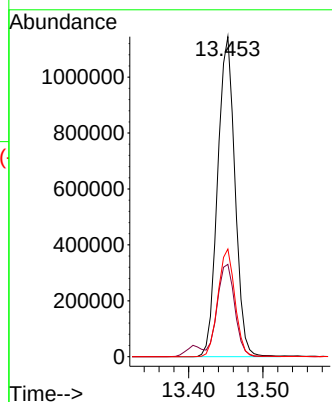
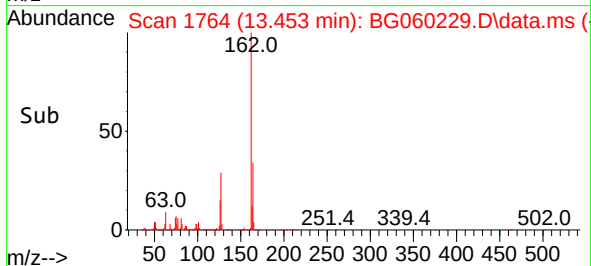
Tgt Ion:162 Resp: 1855409
Ion Ratio Lower Upper
162 100
127 28.8 23.0 34.6
164 33.7 26.7 40.1

Manual Integrations

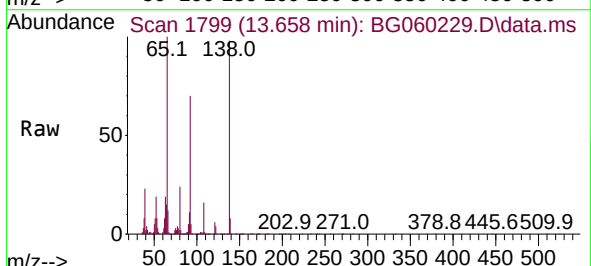
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

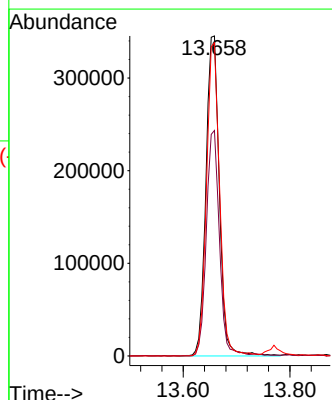
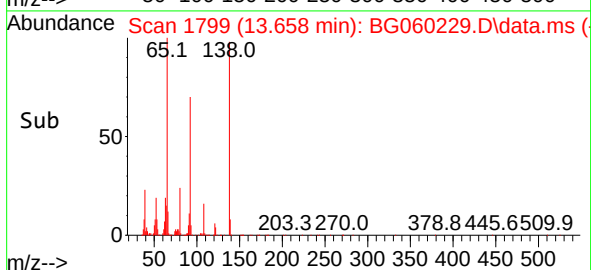
Supervised By :mohammad ahmed 01/04/2024

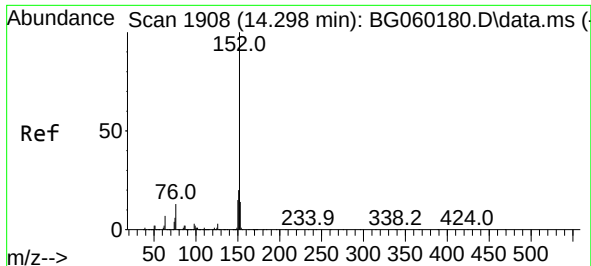


#48
2-Nitroaniline
Concen: 47.084 ng
RT: 13.658 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



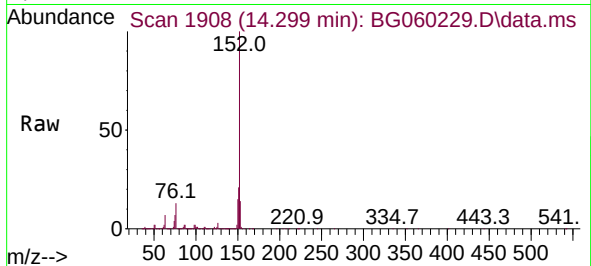
Tgt Ion: 65 Resp: 603839
Ion Ratio Lower Upper
65 100
92 70.5 52.9 79.3
138 97.9 76.4 114.6





#49
Acenaphthylene
Concen: 40.344 ng
RT: 14.299 min Scan# 1908
Delta R.T. 0.001 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

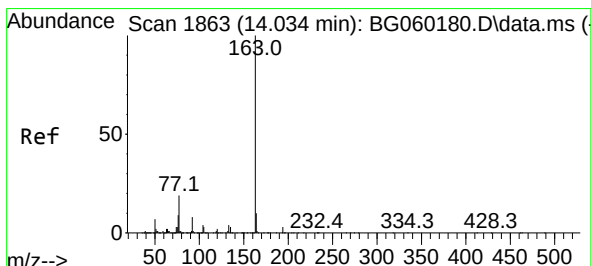
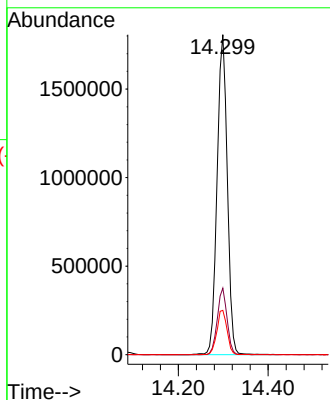
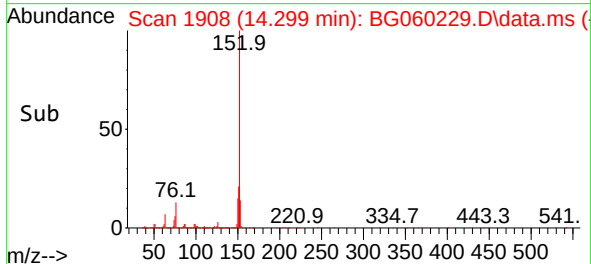
Instrument :
BNA_G
ClientSampleId :
PB158159BS



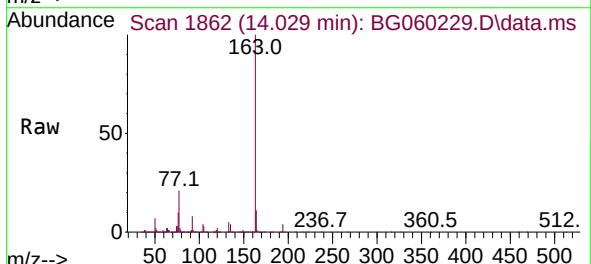
Tgt Ion:152 Resp: 2852610
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 13.9 11.0 16.6

Manual Integrations
APPROVED

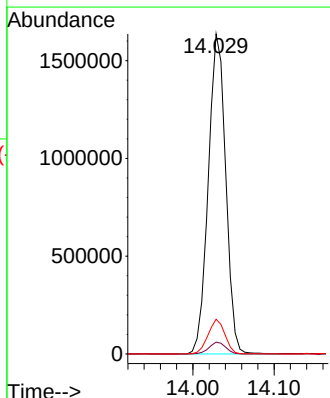
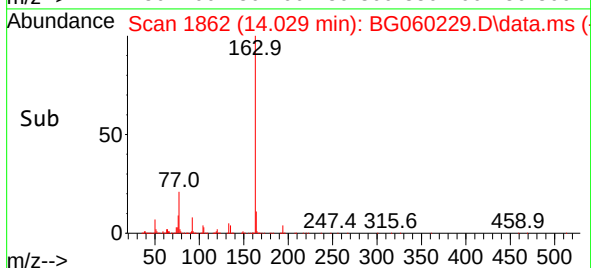
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

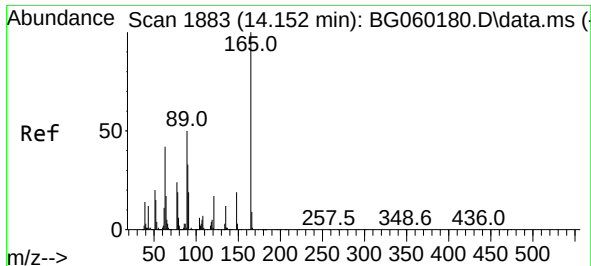


#50
Dimethylphthalate
Concen: 40.348 ng
RT: 14.029 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:163 Resp: 2438821
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.893 ng
RT: 14.152 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

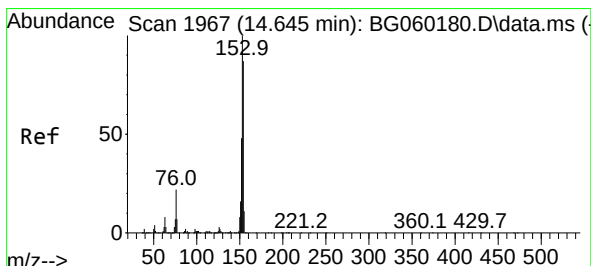
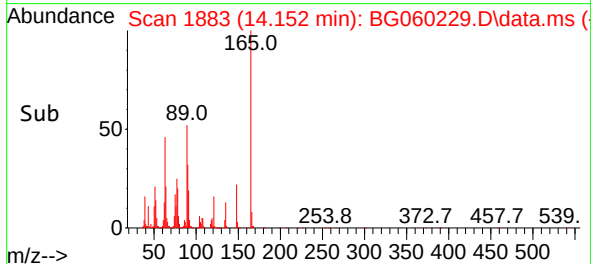
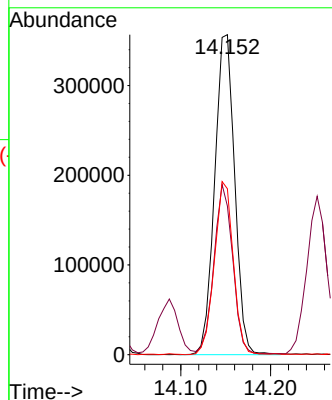
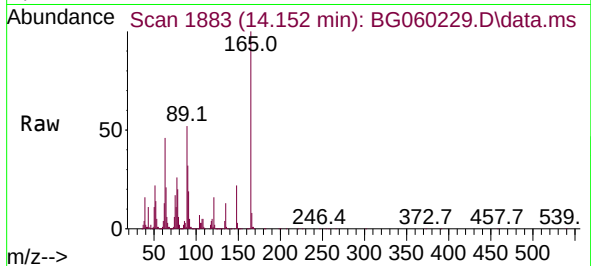
ClientSampleId :

PB158159BS

Tgt Ion:165 Resp: 551839
Ion Ratio Lower Upper
165 100
63 46.4 39.3 58.9
89 51.8 39.8 59.8

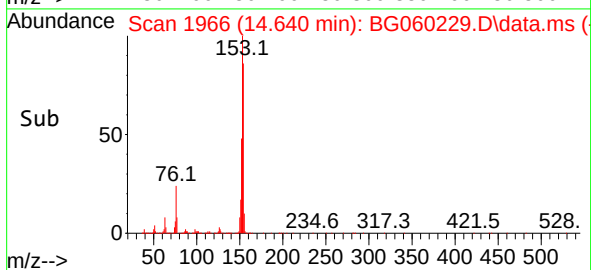
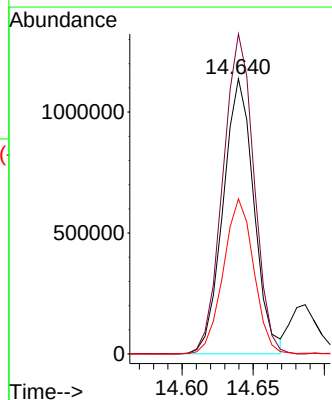
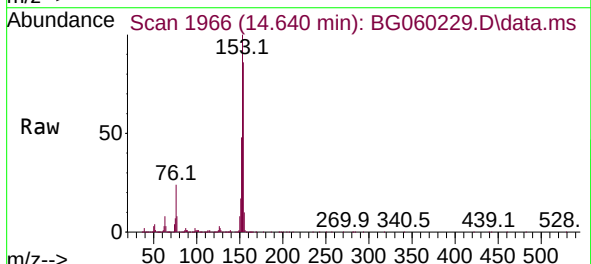
Manual Integrations
APPROVED

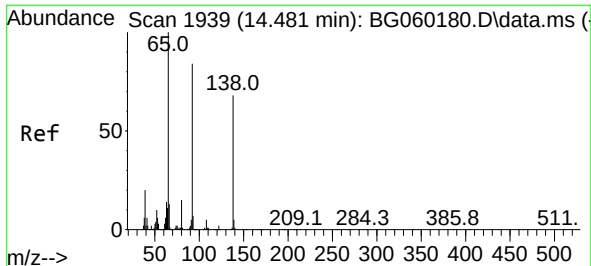
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#52
Acenaphthene
Concen: 38.911 ng
RT: 14.640 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

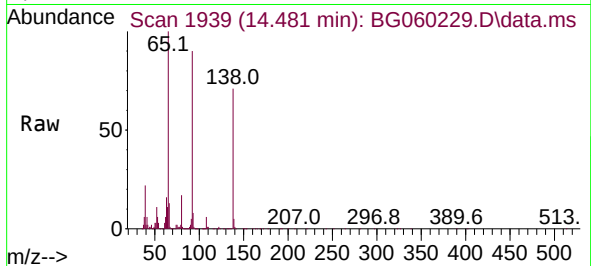
Tgt Ion:154 Resp: 1716851
Ion Ratio Lower Upper
154 100
153 116.3 91.5 137.3
152 56.3 43.8 65.8





#53
3-Nitroaniline
Concen: 32.627 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

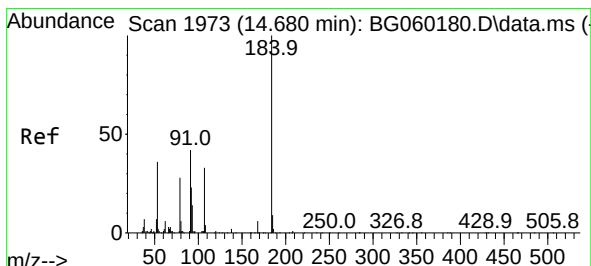
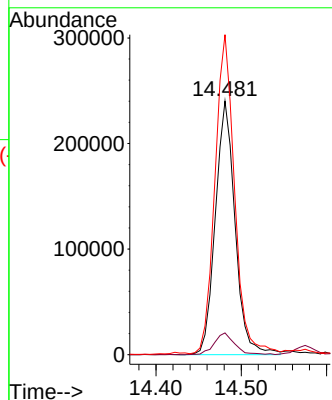
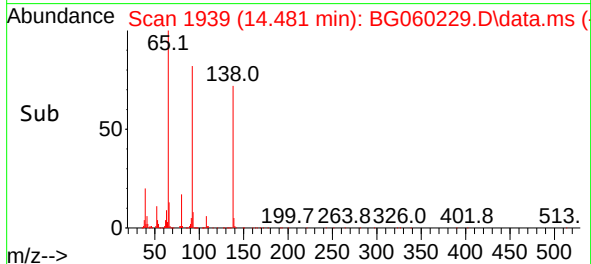
Instrument :
BNA_G
ClientSampleId :
PB158159BS



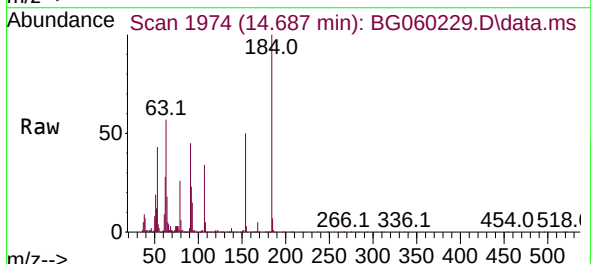
Tgt Ion:138 Resp: 38651
Ion Ratio Lower Upper
138 100
108 8.6 6.2 9.4
92 126.2 98.5 147.7

Manual Integrations
APPROVED

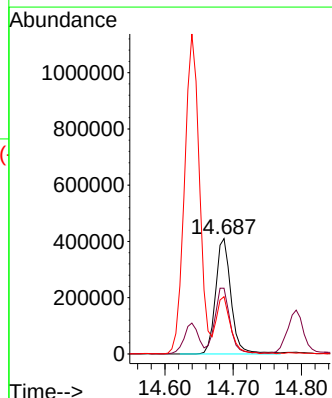
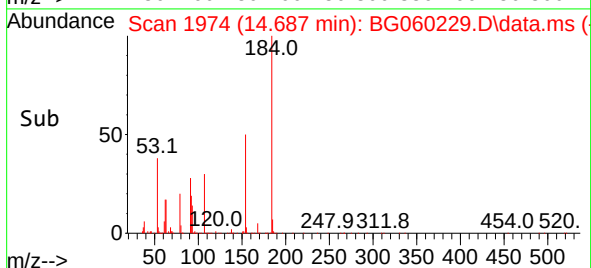
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

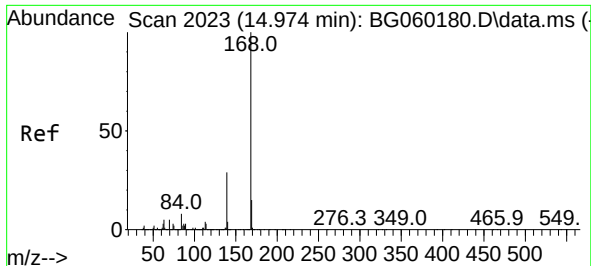


#54
2,4-Dinitrophenol
Concen: 87.139 ng
RT: 14.687 min Scan# 1974
Delta R.T. 0.007 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:184 Resp: 643977
Ion Ratio Lower Upper
184 100
63 56.9 45.4 68.2
154 49.6 40.0 60.0





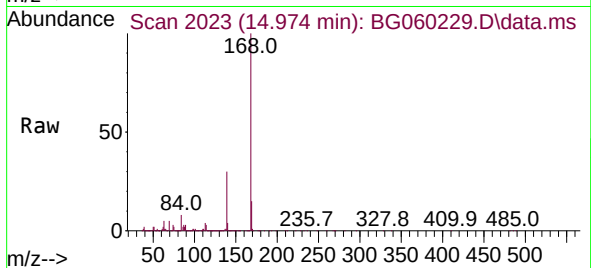
#55
Dibenzenofuran
Concen: 39.615 ng
RT: 14.974 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNL_G

ClientSampleId :

PB158159BS



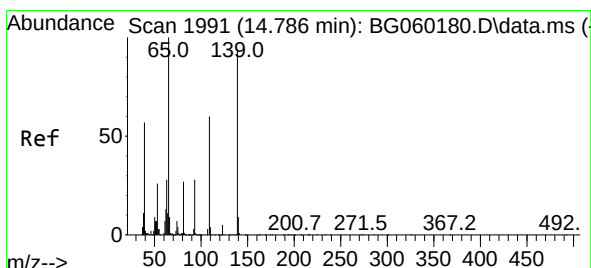
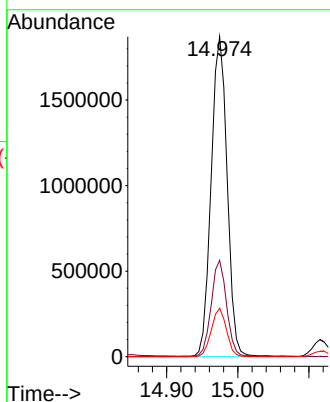
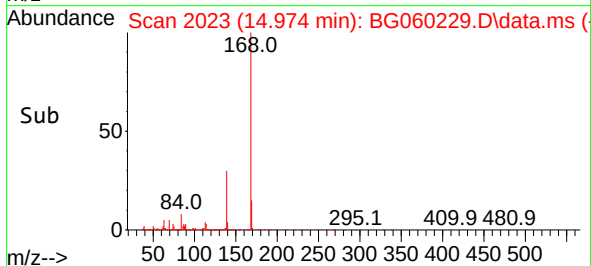
Tgt Ion:168 Resp: 292787
Ion Ratio Lower Upper
168 100
139 30.1 23.1 34.7
169 15.2 11.9 17.9

Manual Integrations

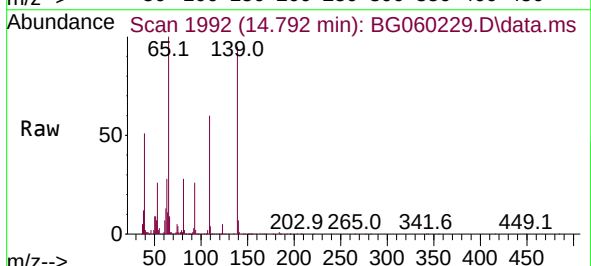
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

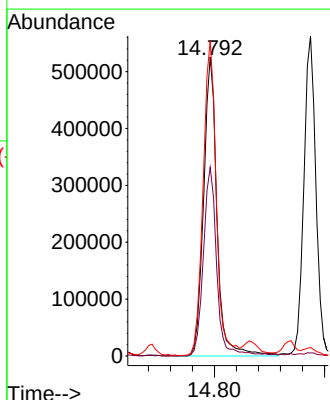
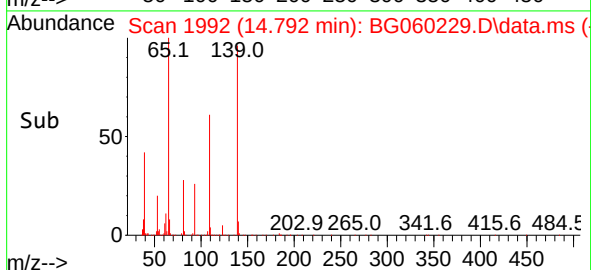
Supervised By :mohammad ahmed 01/04/2024

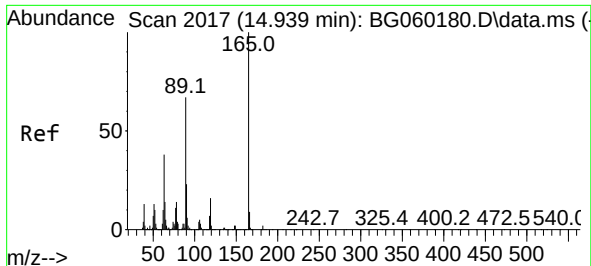


#56
4-Nitrophenol
Concen: 98.889 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:139 Resp: 885510
Ion Ratio Lower Upper
139 100
109 63.1 44.4 84.4
65 105.3 87.4 127.4





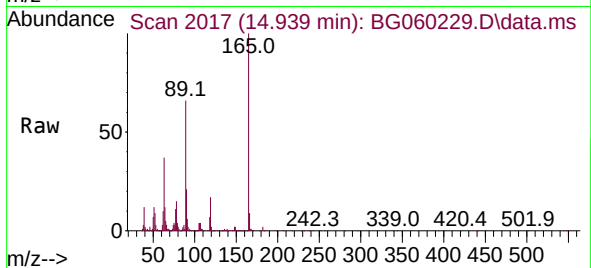
#57
2,4-Dinitrotoluene
Concen: 45.615 ng
RT: 14.939 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



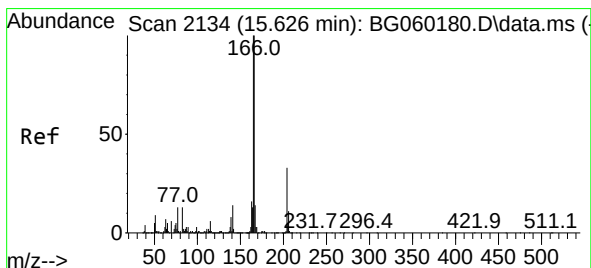
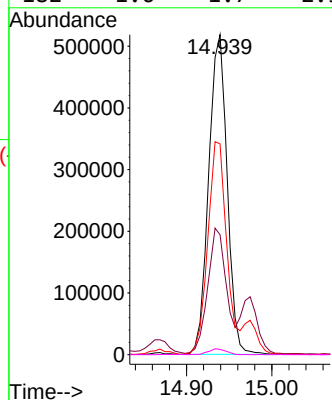
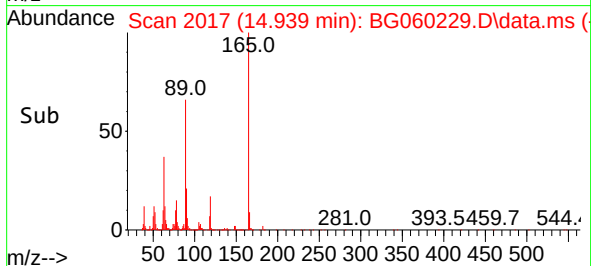
Tgt Ion:165 Resp: 779815
Ion Ratio Lower Upper
165 100
63 37.5 31.0 46.6
89 65.9 53.3 79.9
182 1.6 1.7 2.5#

Manual Integrations

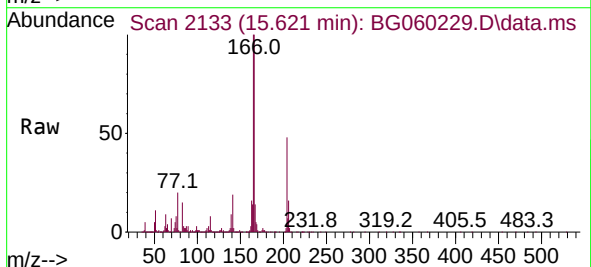
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

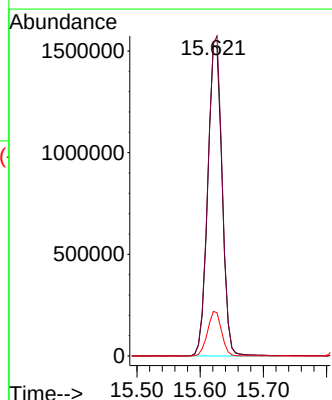
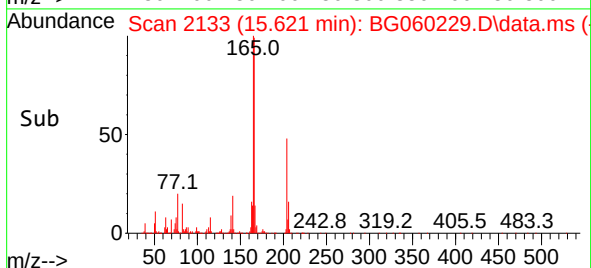
Supervised By :mohammad ahmed 01/04/2024

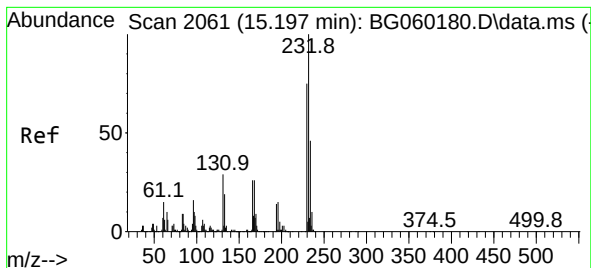


#58
Fluorene
Concen: 39.682 ng
RT: 15.621 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:166 Resp: 2405429
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 14.3 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.387 ng
RT: 15.198 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

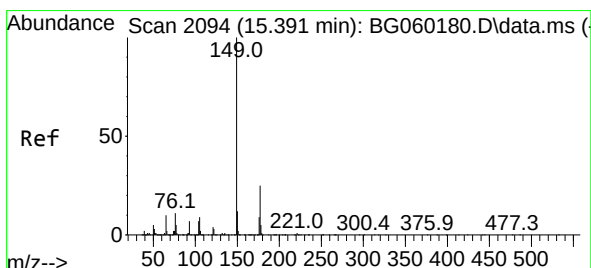
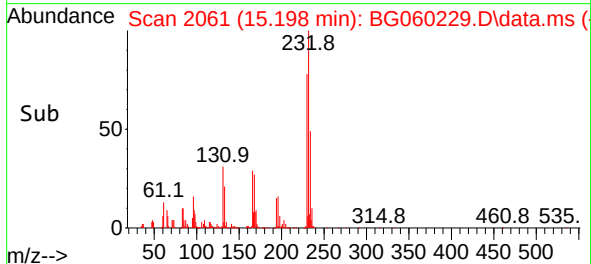
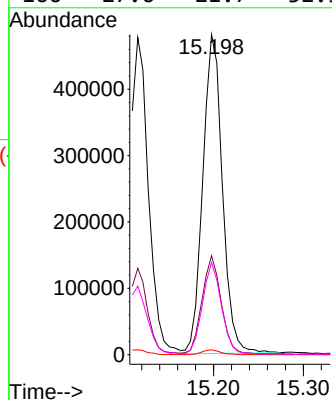
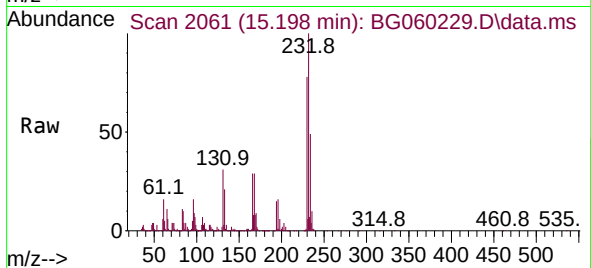
PB158159BS

Tgt Ion:232 Resp: 729289
Ion Ratio Lower Upper
232 100
131 29.9 23.8 35.6
130 1.4 1.2 1.8
166 27.6 21.7 32.5

Manual Integrations

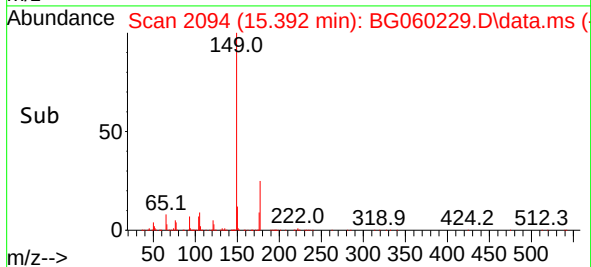
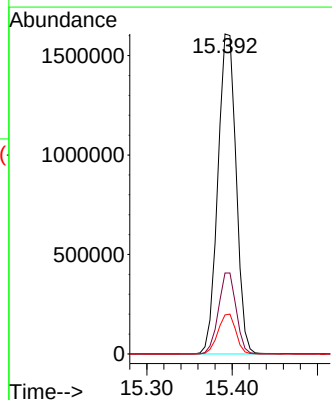
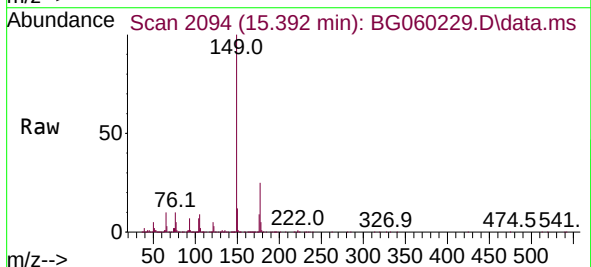
APPROVED

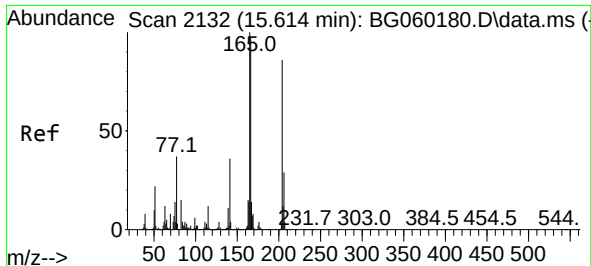
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#60
Diethylphthalate
Concen: 41.536 ng
RT: 15.392 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

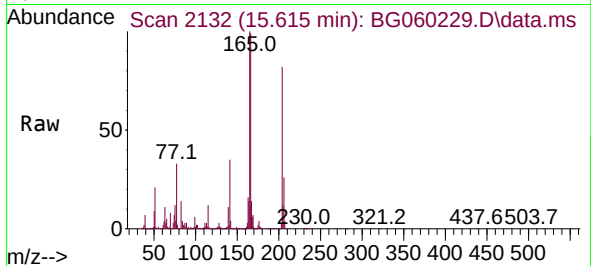
Tgt Ion:149 Resp: 2394226
Ion Ratio Lower Upper
149 100
177 25.3 20.2 30.2
150 12.2 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 39.947 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

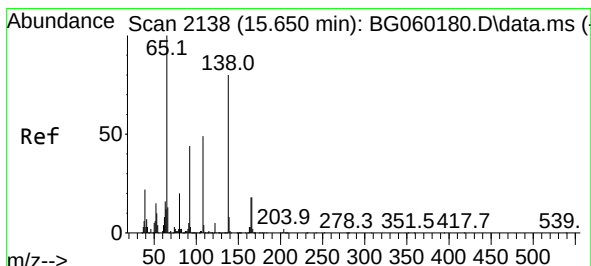
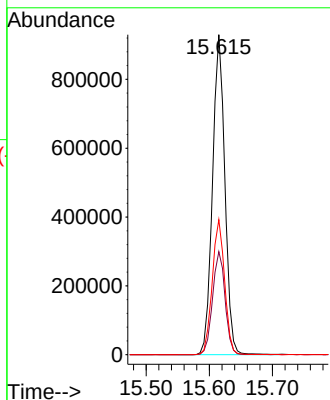
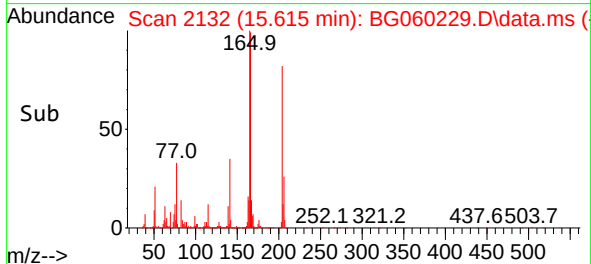
Instrument :
BNA_G
ClientSampleId :
PB158159BS



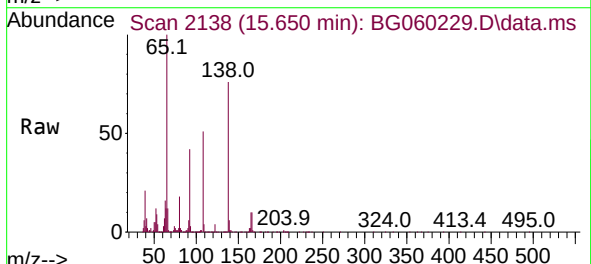
Tgt Ion:204 Resp: 126086
Ion Ratio Lower Upper
204 100
206 32.2 26.9 40.3
141 42.2 33.2 49.8

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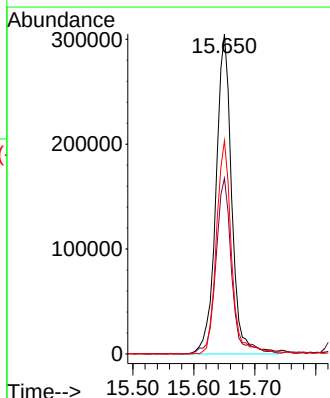
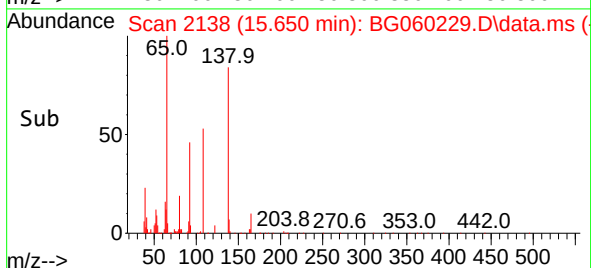
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

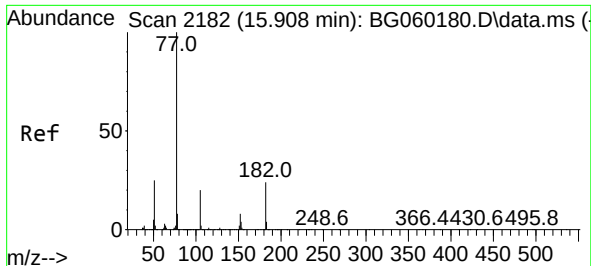


#62
4-Nitroaniline
Concen: 43.825 ng
RT: 15.650 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:138 Resp: 547195
Ion Ratio Lower Upper
138 100
92 54.9 35.1 75.1
108 66.6 40.9 80.9





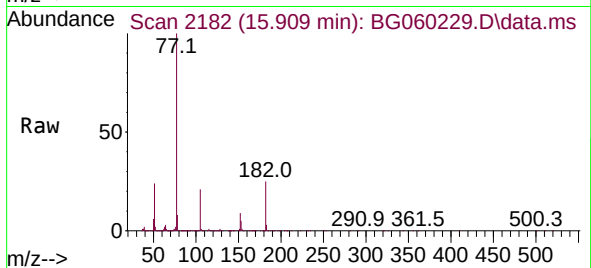
#63
Azobenzene
Concen: 40.741 ng
RT: 15.909 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



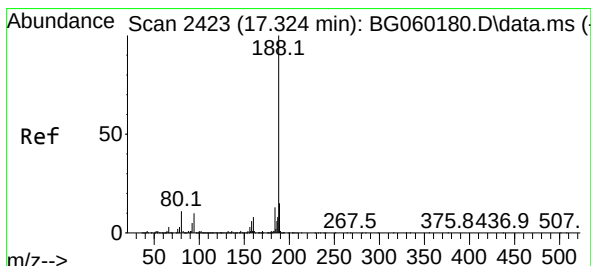
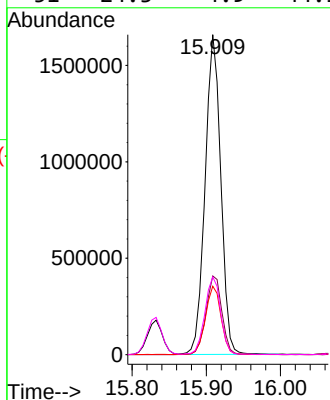
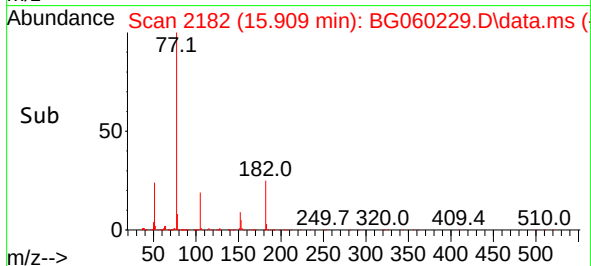
Tgt Ion: 77 Resp: 243474
Ion Ratio Lower Upper
77 100
182 24.6 4.3 44.3
105 21.4 0.3 40.3
51 24.3 4.9 44.9

Manual Integrations

APPROVED

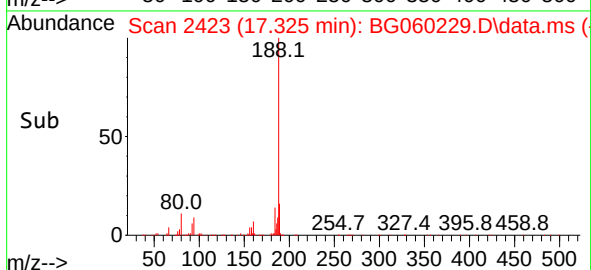
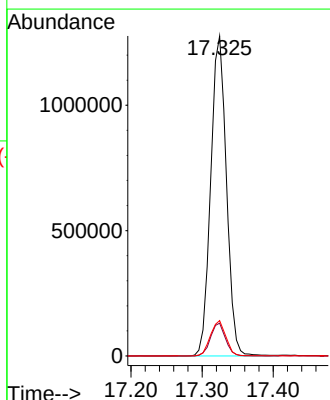
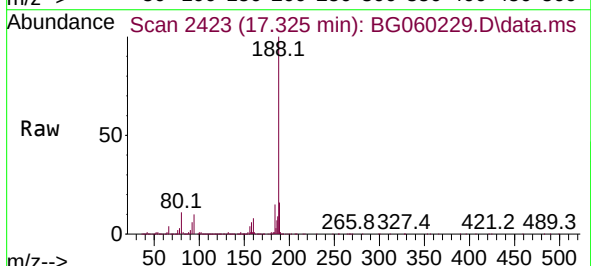
Reviewed By :Yogesh Patel 01/04/2024

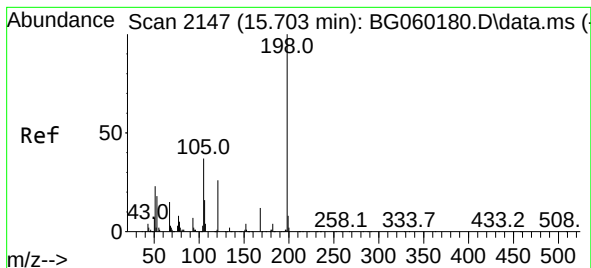
Supervised By :mohammad ahmed 01/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

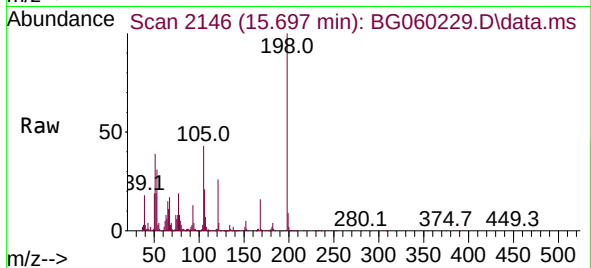
Tgt Ion:188 Resp: 1960100
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 11.1 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.719 ng
RT: 15.697 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

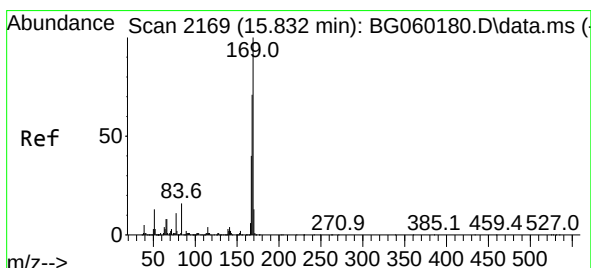
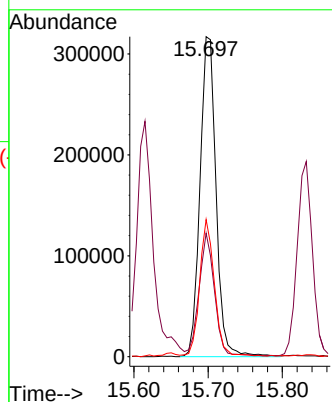
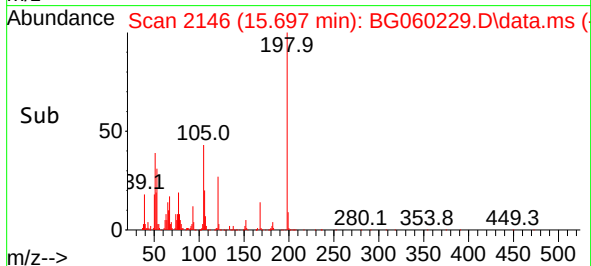
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion:198 Resp: 477829
Ion Ratio Lower Upper
198 100
51 38.6 14.8 54.8
105 42.8 17.5 57.5

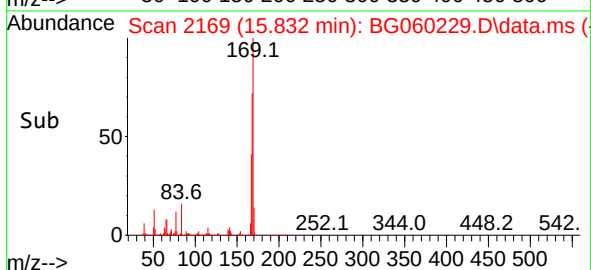
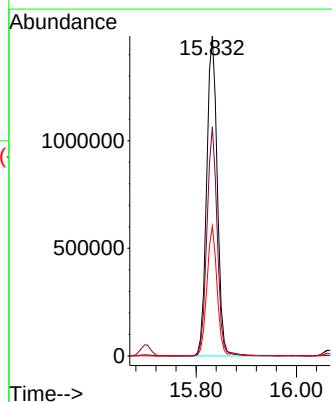
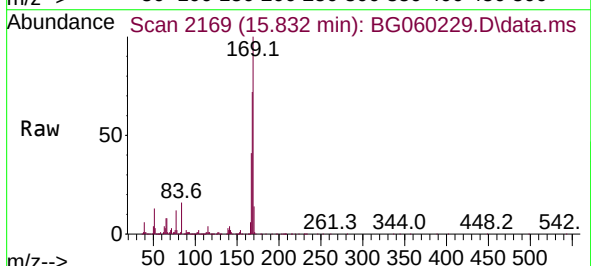
Manual Integrations
APPROVED

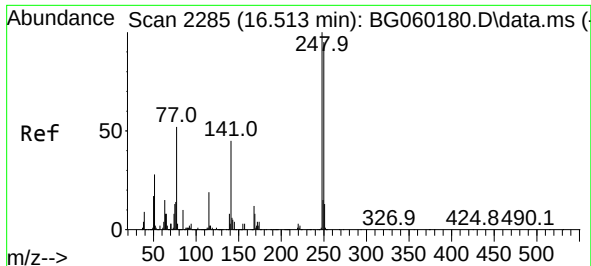
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#66
n-Nitrosodiphenylamine
Concen: 41.315 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:169 Resp: 2182186
Ion Ratio Lower Upper
169 100
168 71.6 56.6 84.8
167 40.5 32.1 48.1





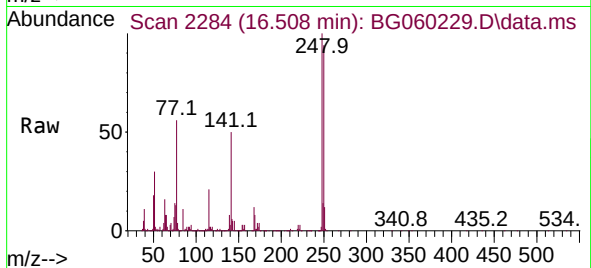
#67
4-Bromophenyl-phenylether
Concen: 39.903 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



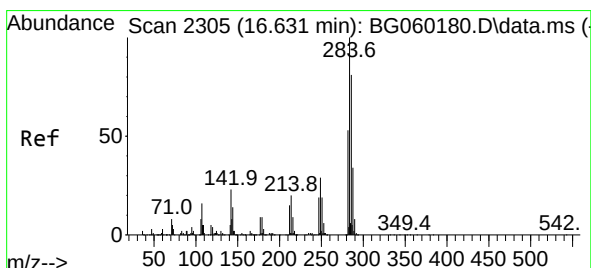
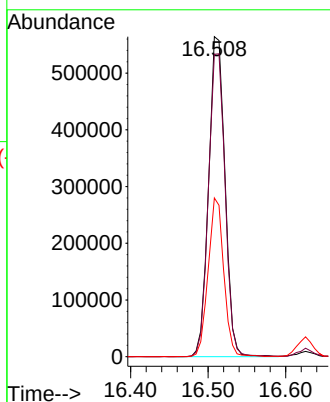
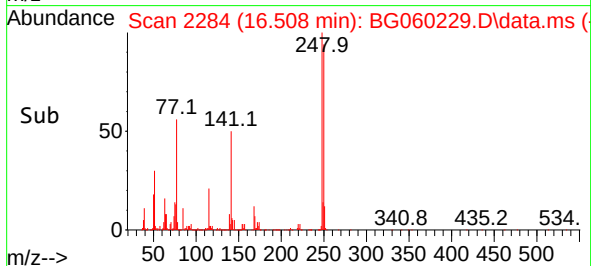
Tgt Ion:248 Resp: 829229
Ion Ratio Lower Upper
248 100
250 94.5 76.2 114.4
141 49.6 36.0 54.0

Manual Integrations

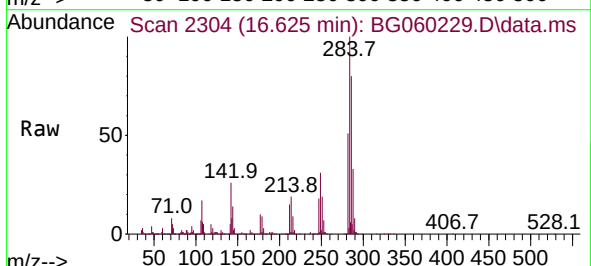
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

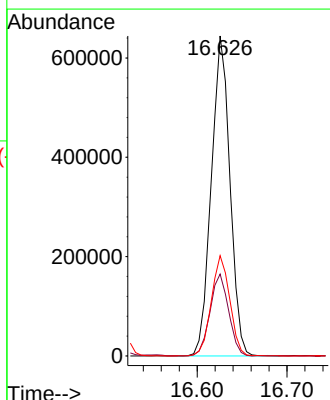
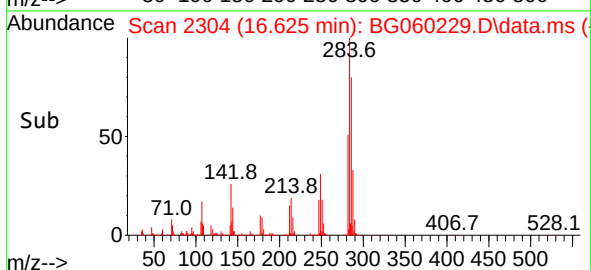
Supervised By :mohammad ahmed 01/04/2024

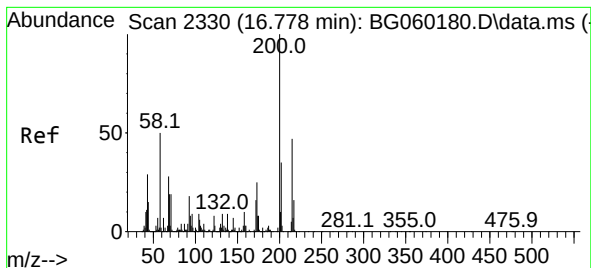


#68
Hexachlorobenzene
Concen: 38.116 ng
RT: 16.625 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14



Tgt Ion:284 Resp: 928710
Ion Ratio Lower Upper
284 100
142 25.6 18.7 28.1
249 31.3 23.5 35.3





#69

Atrazine

Concen: 64.613 ng

RT: 16.784 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Tgt Ion:200 Resp: 125430

Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

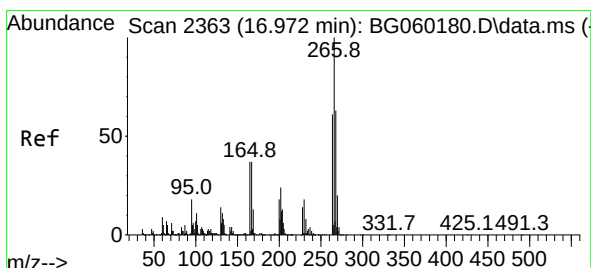
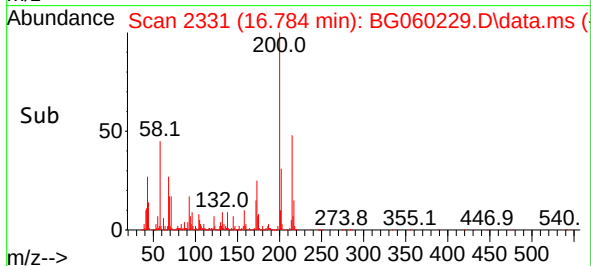
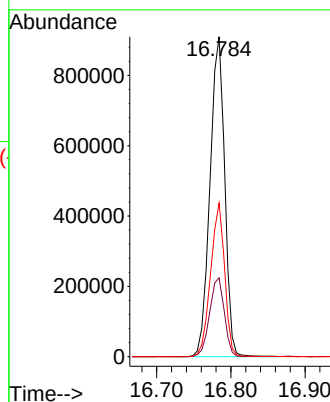
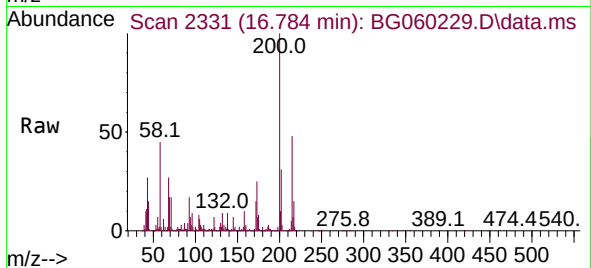
215 48.0 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#70

Pentachlorophenol

Concen: 81.220 ng

RT: 16.972 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

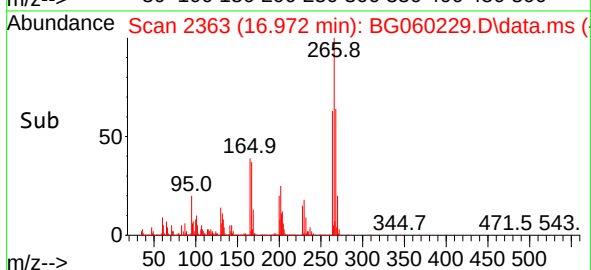
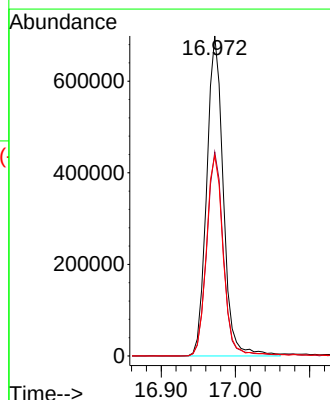
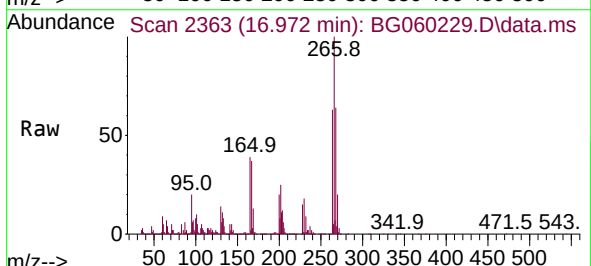
Tgt Ion:266 Resp: 1087139

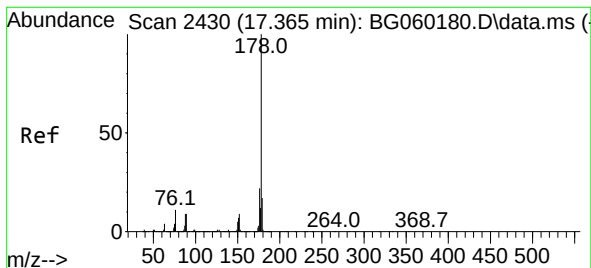
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 62.6 52.6 79.0





#71

Phenanthrene

Concen: 40.169 ng

RT: 17.366 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Tgt Ion:178 Resp: 389182

Ion Ratio Lower Upper

178 100

176 23.0 17.5 26.3

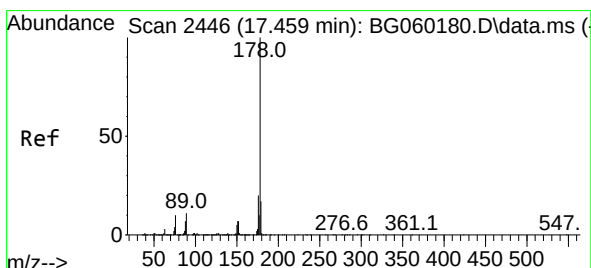
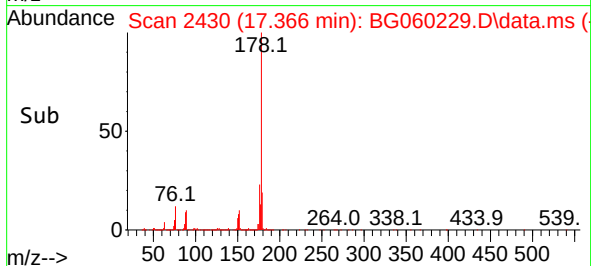
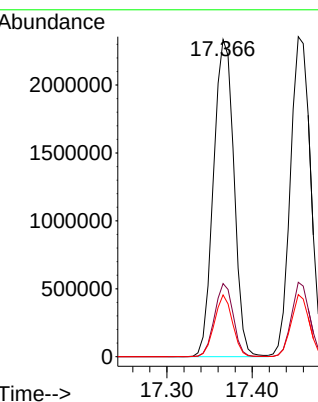
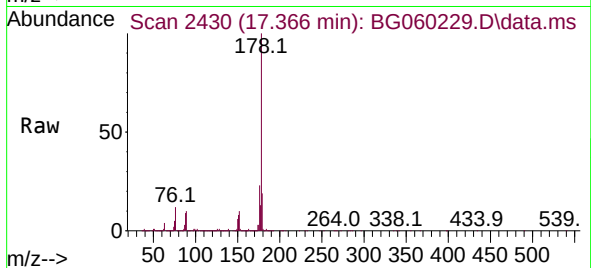
179 19.5 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#72

Anthracene

Concen: 40.594 ng

RT: 17.454 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

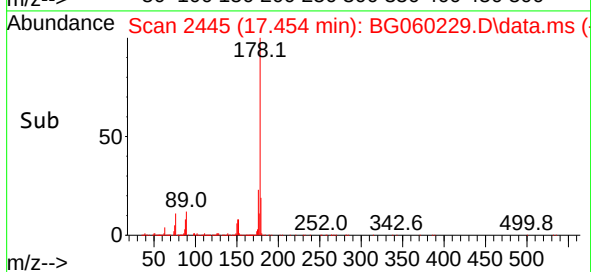
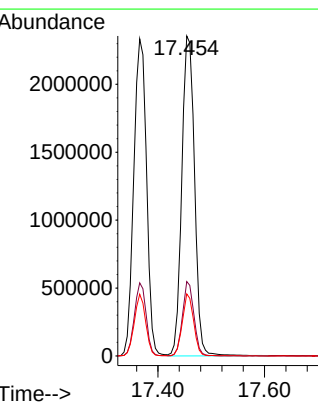
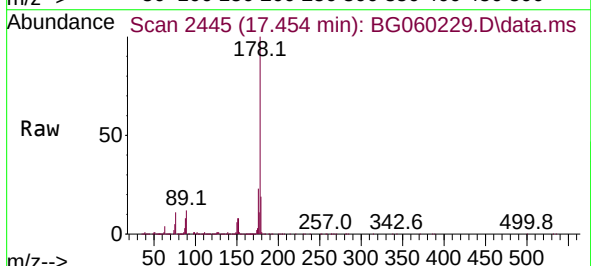
Tgt Ion:178 Resp: 3906680

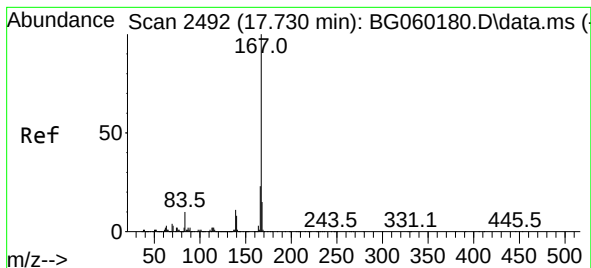
Ion Ratio Lower Upper

178 100

176 23.2 16.2 24.2

179 19.4 14.0 21.0





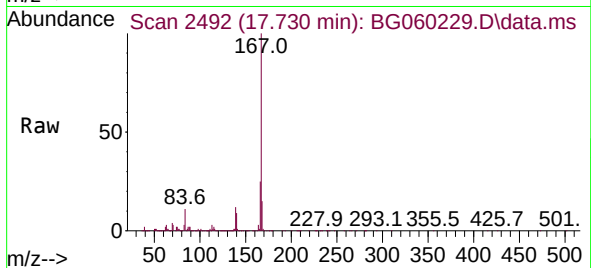
#73
 Carbazole
 Concen: 39.997 ng
 RT: 17.730 min Scan# 2492
 Delta R.T. 0.000 min
 Lab File: BG060229.D
 Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



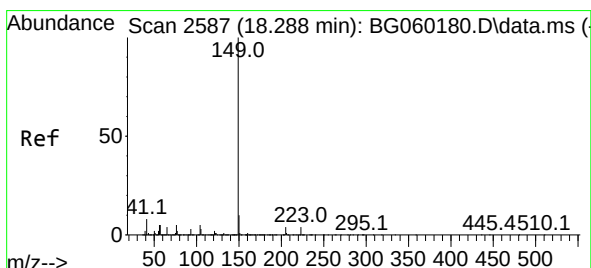
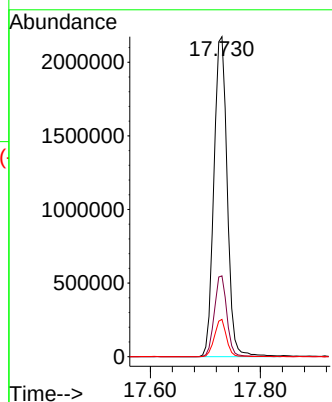
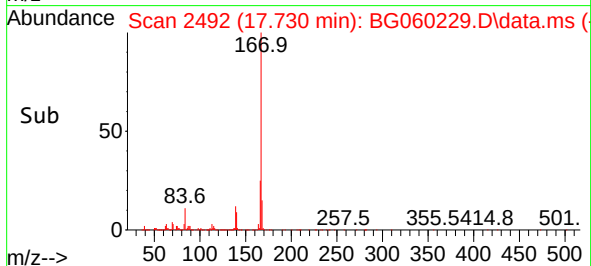
Tgt Ion:167 Resp: 365078
 Ion Ratio Lower Upper
 167 100
 166 25.2 18.8 28.2
 139 11.6 8.8 13.2

Manual Integrations

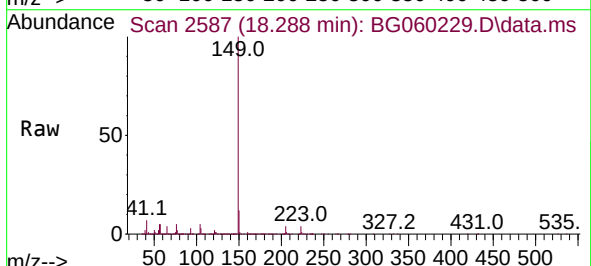
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

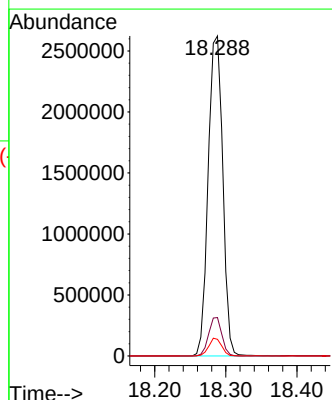
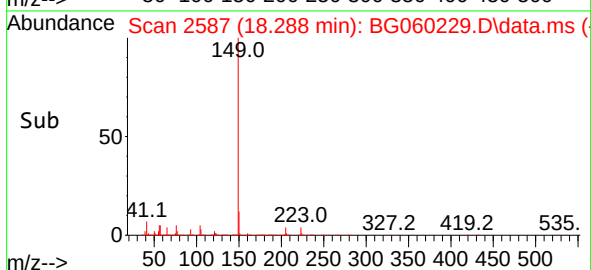
Supervised By :mohammad ahmed 01/04/2024

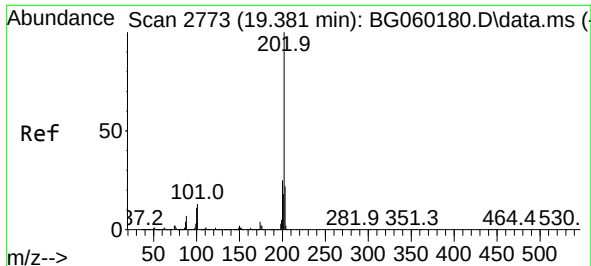


#74
 Di-n-butylphthalate
 Concen: 42.291 ng
 RT: 18.288 min Scan# 2587
 Delta R.T. 0.000 min
 Lab File: BG060229.D
 Acq: 3 Jan 2024 16:14



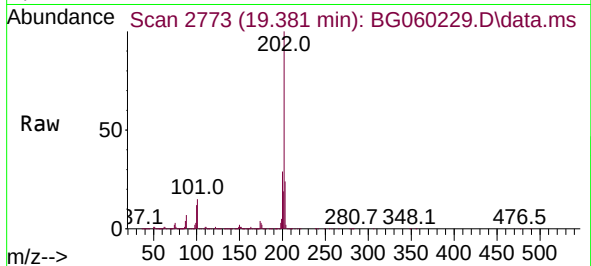
Tgt Ion:149 Resp: 3740848
 Ion Ratio Lower Upper
 149 100
 150 12.0 8.3 12.5
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 37.697 ng
RT: 19.381 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

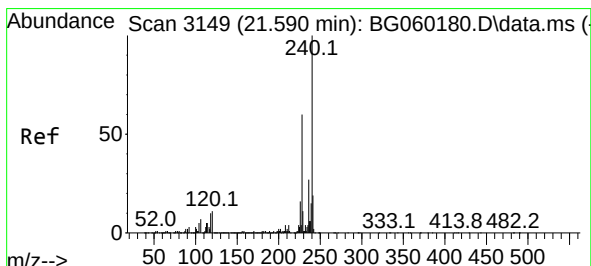
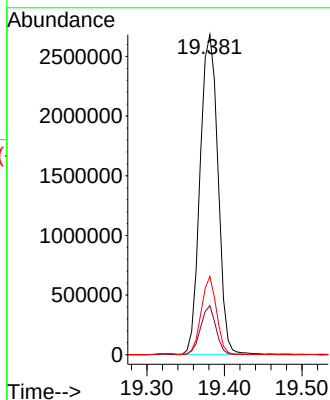
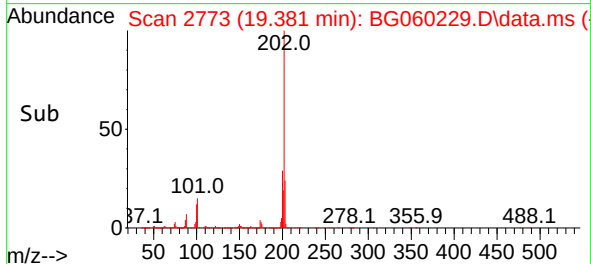
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion:202 Resp: 4284070
Ion Ratio Lower Upper
202 100
101 15.3 0.0 32.8
203 24.4 2.0 42.0

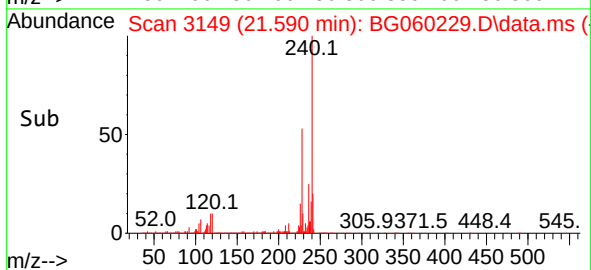
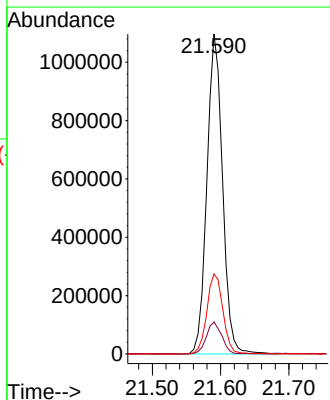
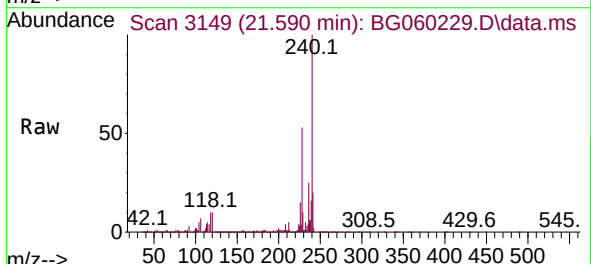
Manual Integrations
APPROVED

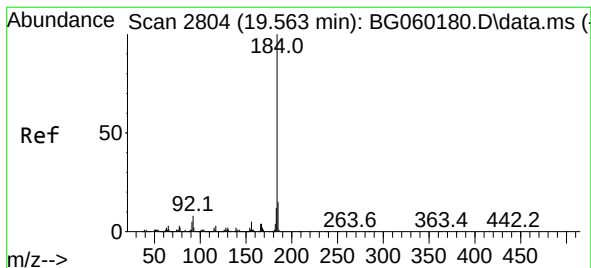
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

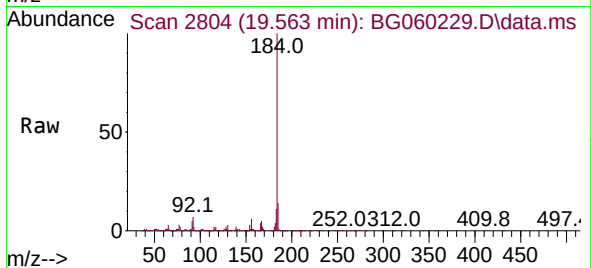
Tgt Ion:240 Resp: 1749292
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.0 21.4 32.2





#77
Benzidine
Concen: 29.422 ng
RT: 19.563 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

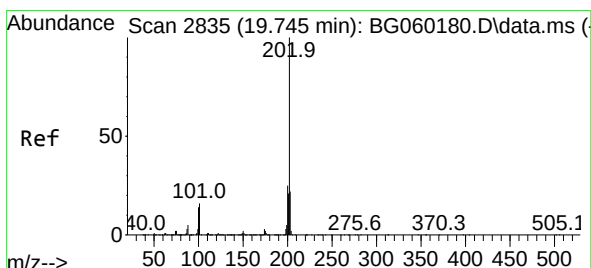
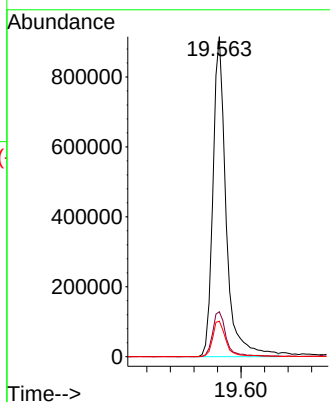
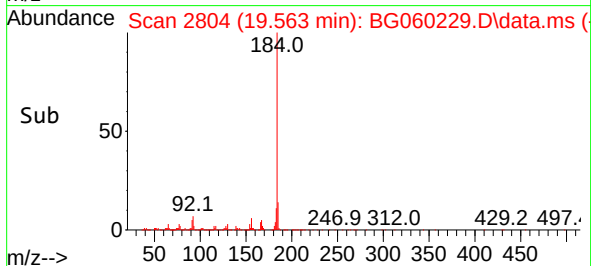
Instrument :
BNA_G
ClientSampleId :
PB158159BS



Tgt Ion:184 Resp: 1424440
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.1 9.4 14.2

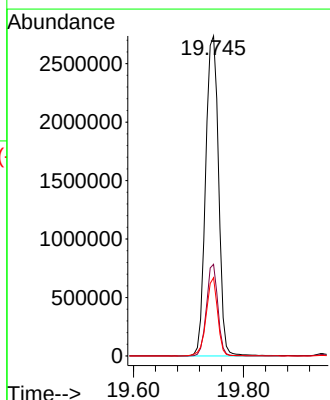
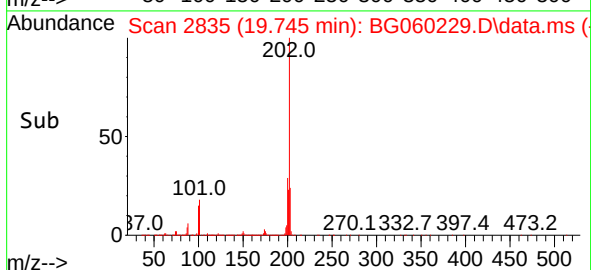
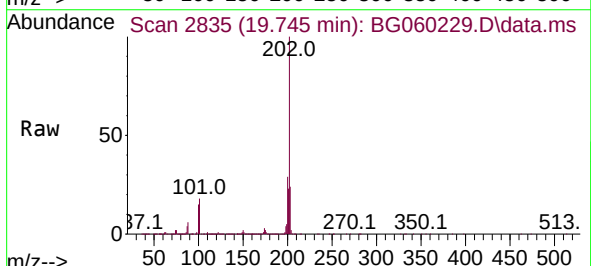
Manual Integrations
APPROVED

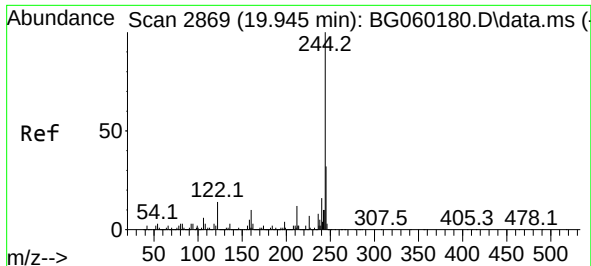
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#78
Pyrene
Concen: 37.904 ng
RT: 19.745 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:202 Resp: 4457097
Ion Ratio Lower Upper
202 100
200 28.6 20.3 30.5
203 24.5 17.8 26.6





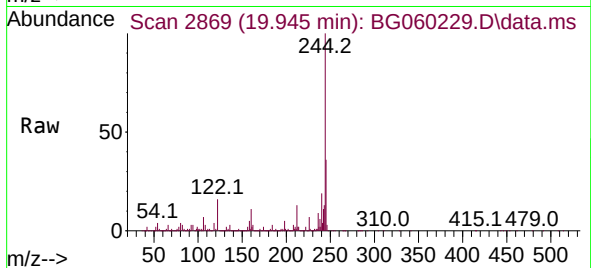
#79
 Terphenyl-d14
 Concen: 60.676 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. 0.000 min
 Lab File: BG060229.D
 Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS



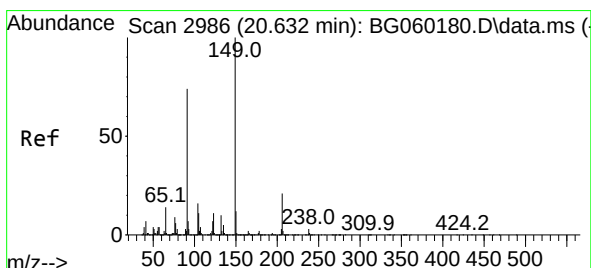
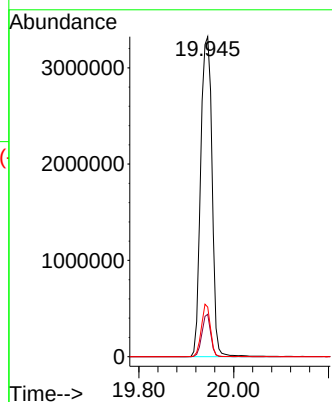
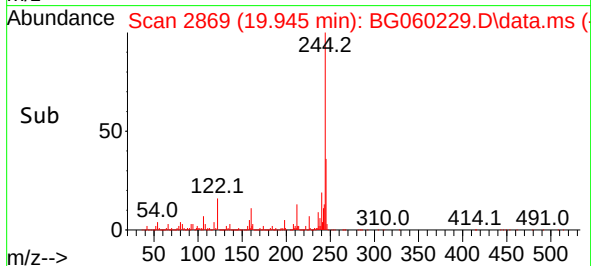
Tgt Ion:244 Resp: 552095
 Ion Ratio Lower Upper
 244 100
 212 13.2 9.5 14.3
 122 15.5 11.4 17.2

Manual Integrations

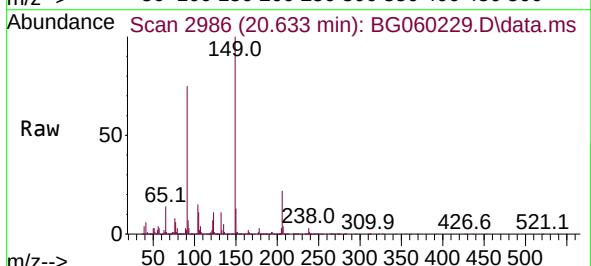
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

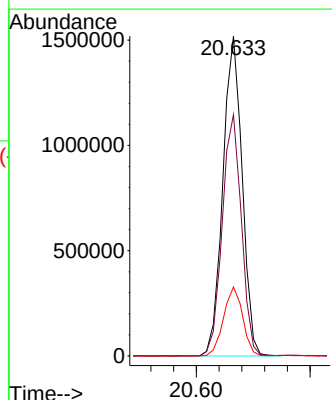
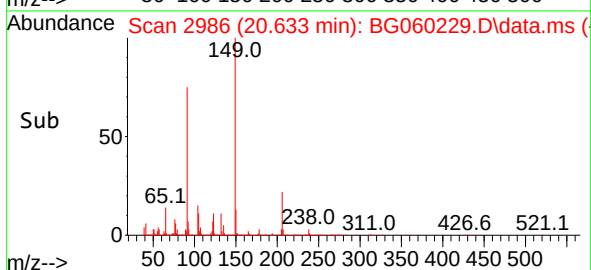
Supervised By :mohammad ahmed 01/04/2024

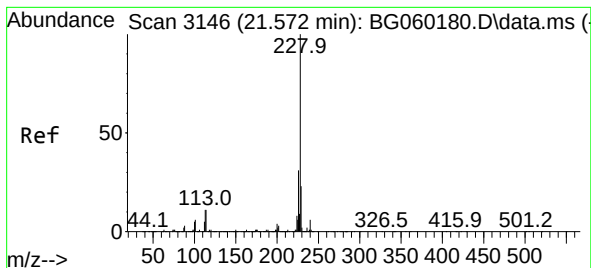


#80
 Butylbenzylphthalate
 Concen: 51.576 ng
 RT: 20.633 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BG060229.D
 Acq: 3 Jan 2024 16:14



Tgt Ion:149 Resp: 1788291
 Ion Ratio Lower Upper
 149 100
 91 75.5 59.4 89.2
 206 21.6 16.6 25.0





#81

Benzo(a)anthracene

Concen: 39.751 ng

RT: 21.573 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Tgt Ion:228 Resp: 442118

Ion Ratio Lower Upper

228 100

226 33.3 24.6 36.8

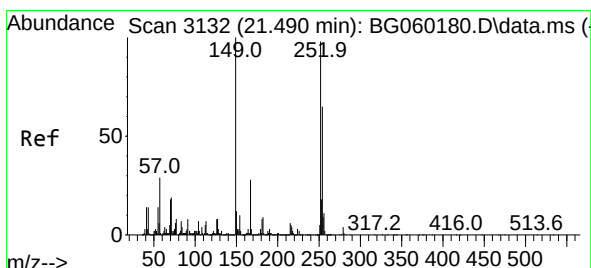
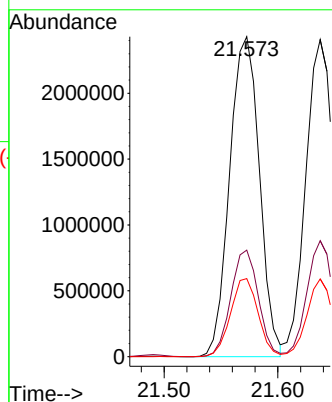
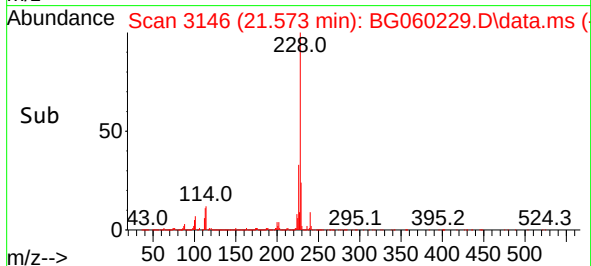
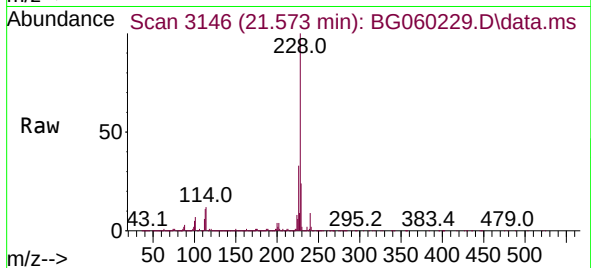
229 24.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 35.582 ng

RT: 21.490 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

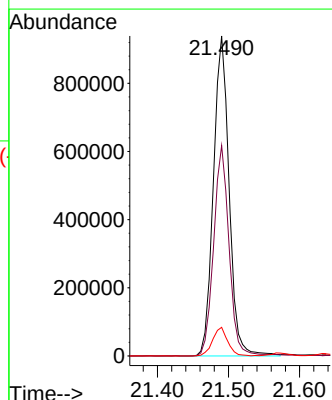
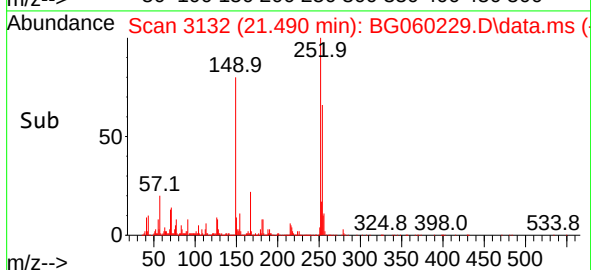
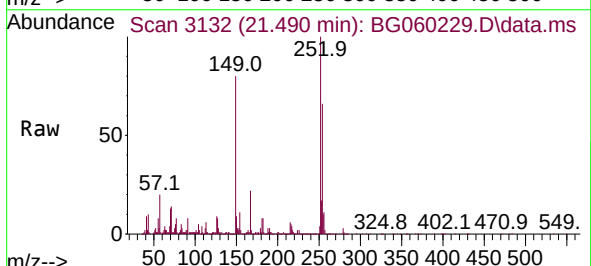
Tgt Ion:252 Resp: 1439134

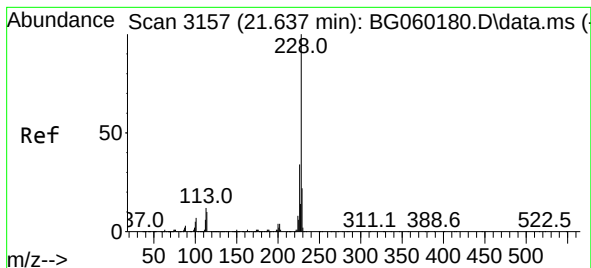
Ion Ratio Lower Upper

252 100

254 65.8 52.6 78.8

126 9.0 6.9 10.3





#83

Chrysene

Concen: 38.998 ng

RT: 21.637 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Tgt Ion:228 Resp: 421389

Ion Ratio Lower Upper

228 100

226 36.6 26.8 40.2

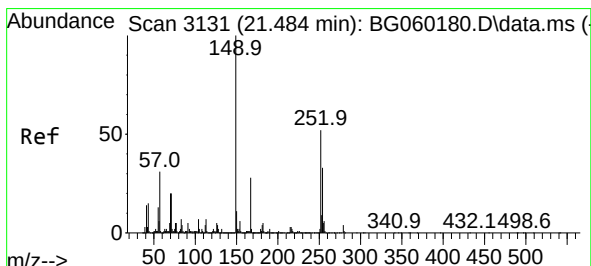
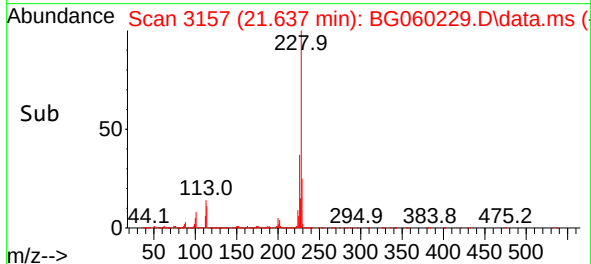
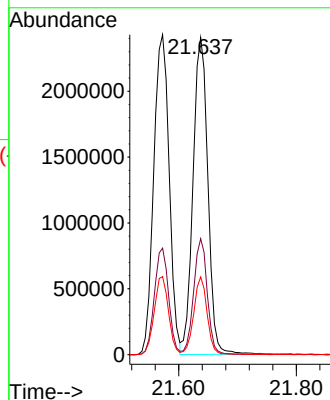
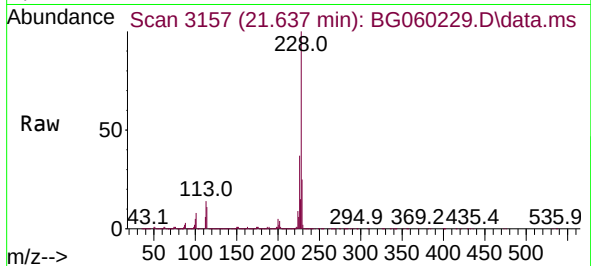
229 24.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.754 ng

RT: 21.479 min Scan# 3130

Delta R.T. -0.005 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

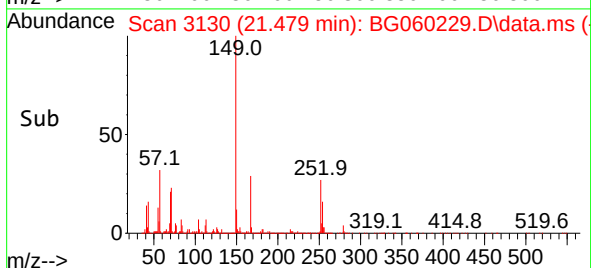
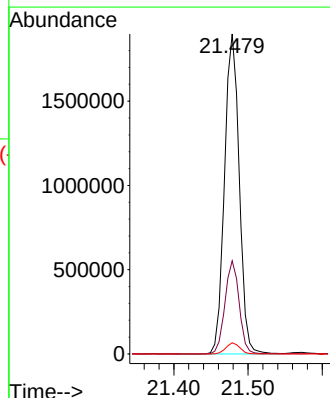
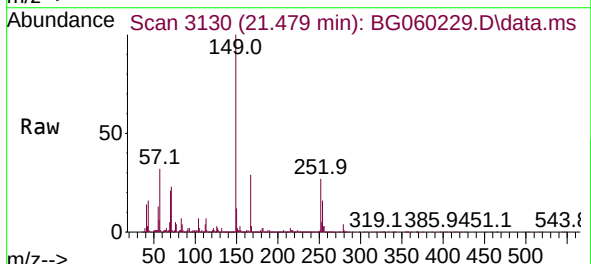
Tgt Ion:149 Resp: 2616083

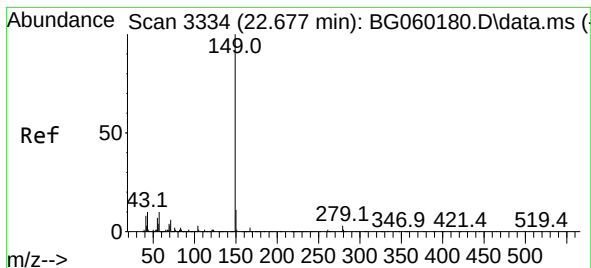
Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.4

279 3.5 2.9 4.3





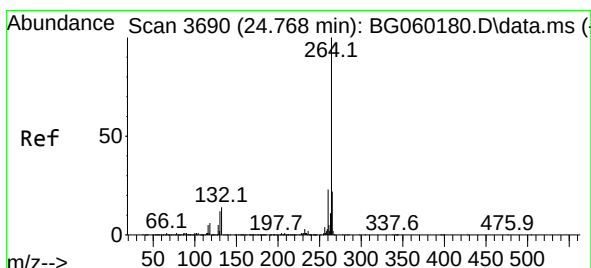
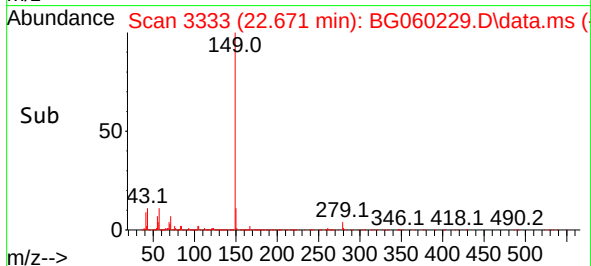
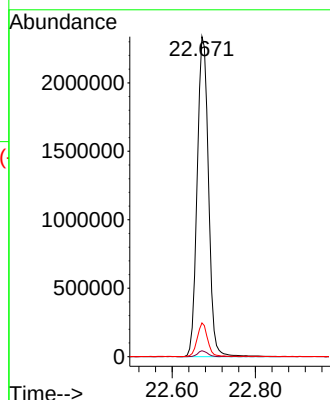
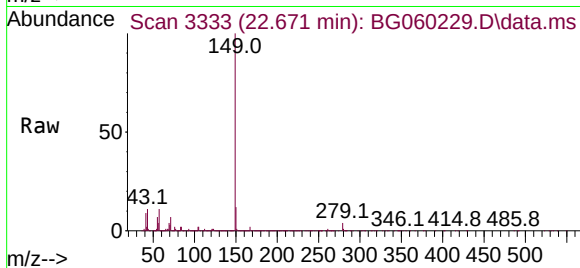
#85
Di-n-octyl phthalate
Concen: 51.201 ng
RT: 22.671 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :
BNA_G
ClientSampleId :
PB158159BS

Tgt Ion:149 Resp: 4406809
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.8 11.8

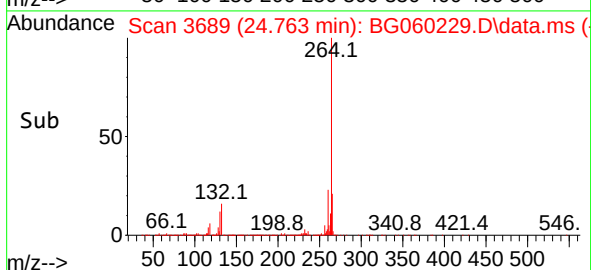
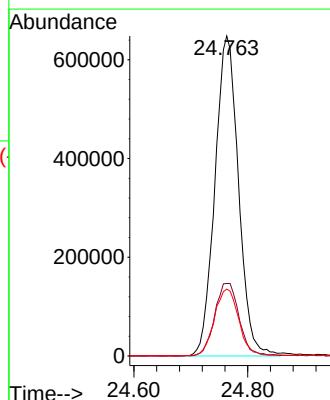
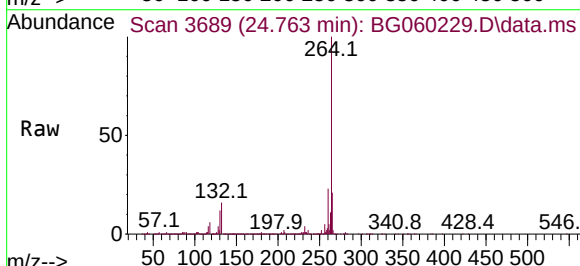
Manual Integrations
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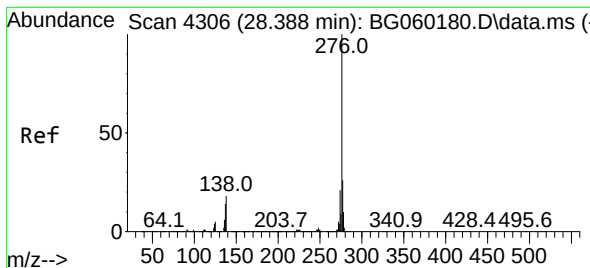
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.763 min Scan# 3689
Delta R.T. -0.005 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:264 Resp: 1866008
Ion Ratio Lower Upper
264 100
260 22.7 18.0 27.0
265 20.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.168 ng

RT: 28.382 min Scan# 4306

Delta R.T. -0.005 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Tgt Ion:276 Resp: 5810619

Ion Ratio Lower Upper

276 100

138 15.9 18.0 27.0

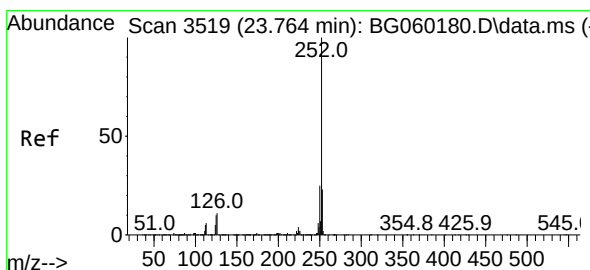
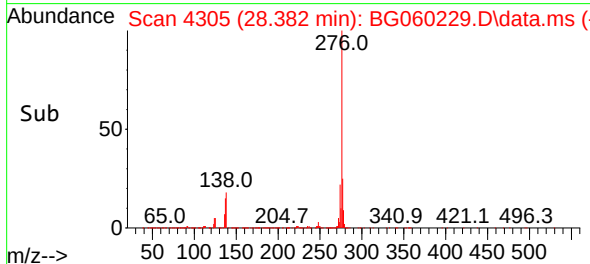
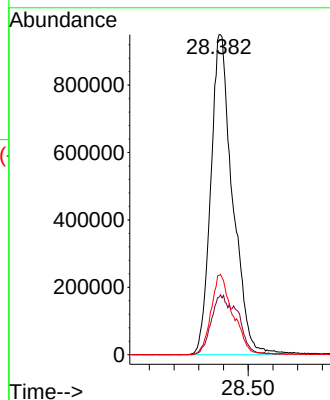
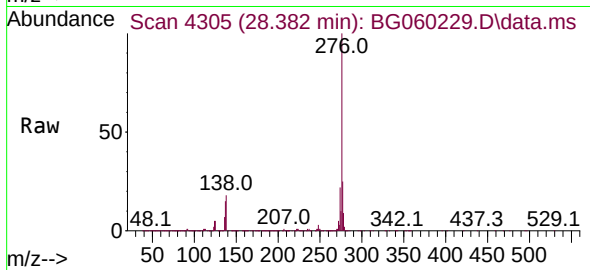
277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#88

Benzo(b)fluoranthene

Concen: 42.023 ng

RT: 23.758 min Scan# 3518

Delta R.T. -0.005 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

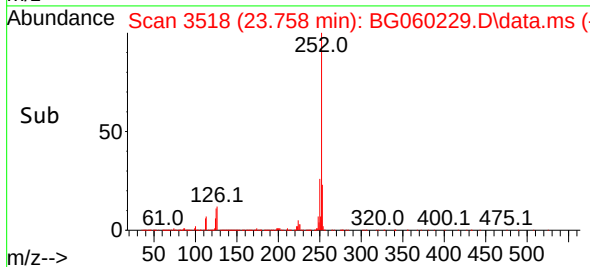
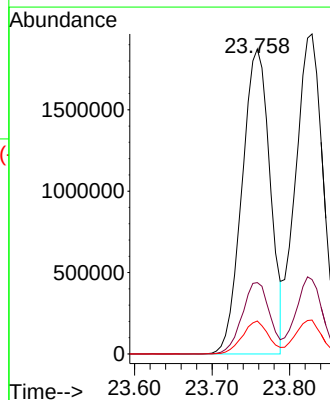
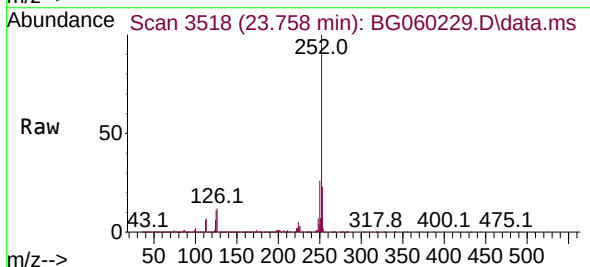
Tgt Ion:252 Resp: 4712269

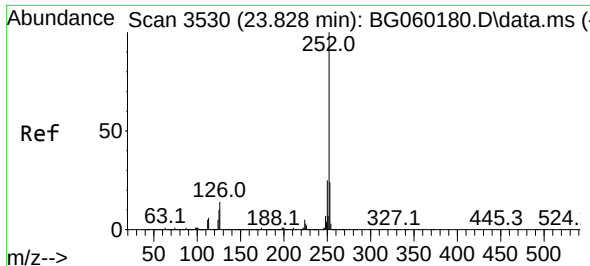
Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 10.8 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 43.322 ng
RT: 23.829 min Scan# 3530
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

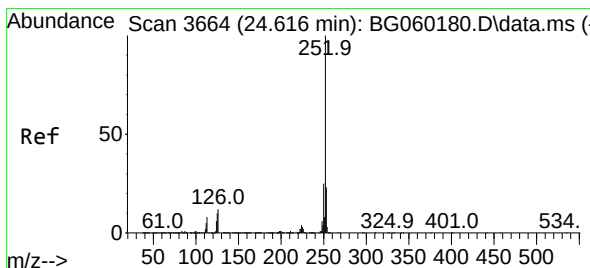
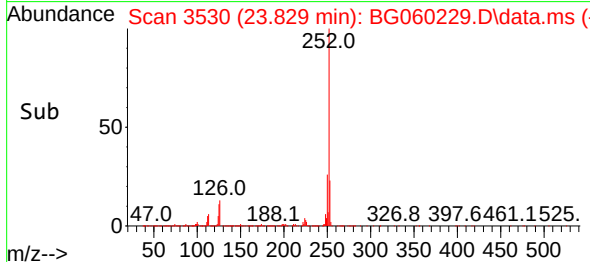
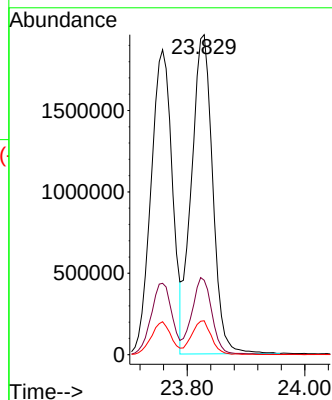
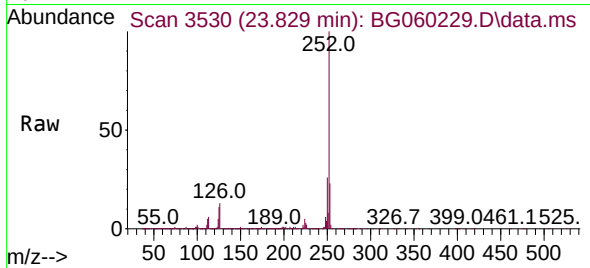
ClientSampleId :

PB158159BS

Tgt Ion:252 Resp: 488947
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.6 7.7 11.5

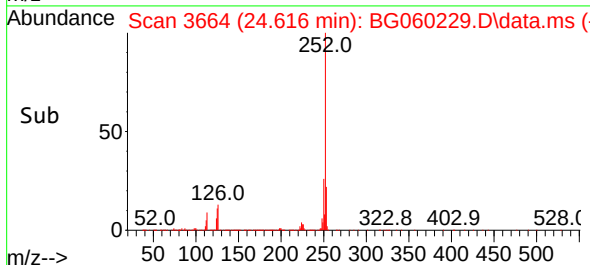
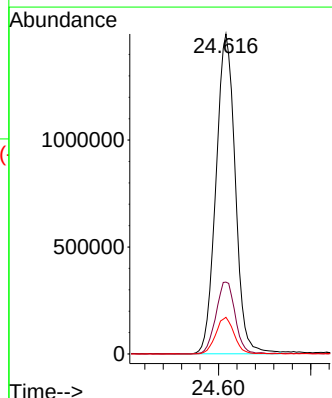
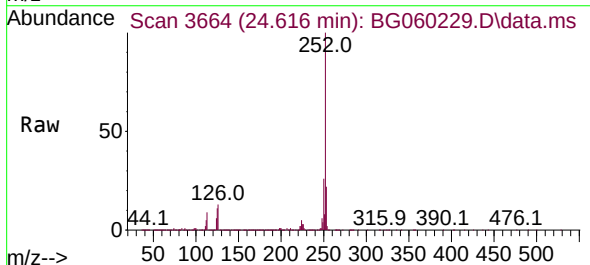
Manual Integrations
APPROVED

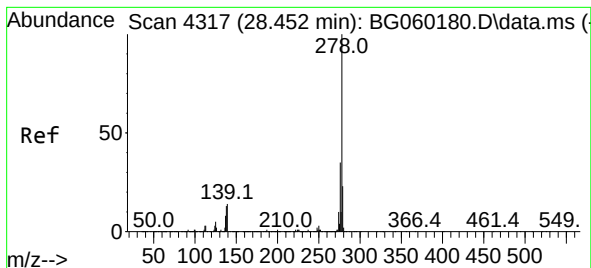
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#90
Benzo(a)pyrene
Concen: 42.681 ng
RT: 24.616 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BG060229.D
Acq: 3 Jan 2024 16:14

Tgt Ion:252 Resp: 4330021
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.5 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 44.247 ng

RT: 28.459 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Instrument :

BNA_G

ClientSampleId :

PB158159BS

Tgt Ion:278 Resp: 478292

Ion Ratio Lower Upper

278 100

139 14.3 11.0 16.4

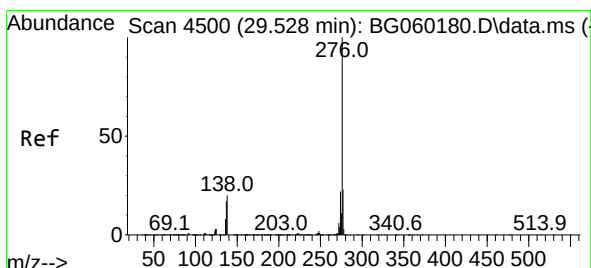
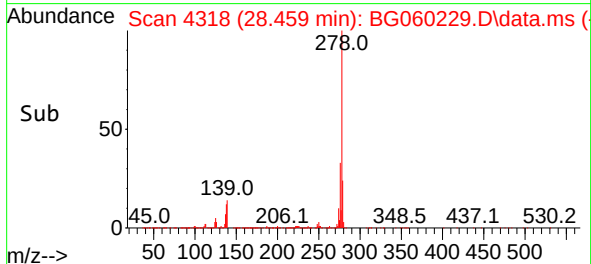
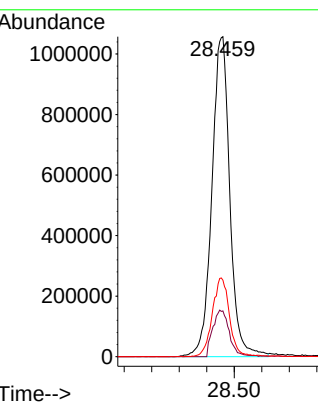
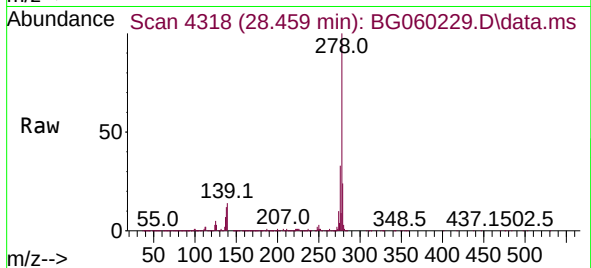
279 23.9 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#92

Benzo(g,h,i)perylene

Concen: 43.055 ng

RT: 29.528 min Scan# 4500

Delta R.T. 0.000 min

Lab File: BG060229.D

Acq: 3 Jan 2024 16:14

Tgt Ion:276 Resp: 4714122

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 19.0 15.9 23.9

