

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060223.D
 Acq On : 3 Jan 2024 12:10
 Operator : MA/JU
 Sample : PB158053BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158053BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 12:52:19 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	7.933	152	243927	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	1065909	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	816137	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2026054	20.000	ng	0.00
76) Chrysene-d12	21.593	240	1783602	20.000	ng	0.00
86) Perylene-d12	24.766	264	1908036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	1998980	123.690	ng	0.00
7) Phenol-d6	7.104	99	2873905	119.768	ng	0.00
23) Nitrobenzene-d5	9.102	82	1703348	73.813	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1338010	122.474	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	4074955	71.760	ng	0.00
79) Terphenyl-d14	19.942	244	5593633	60.292	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.409	88	214431	29.823	ng	98
3) Pyridine	3.802	79	549353	26.939	ng	96
4) n-Nitrosodimethylamine	3.720	42	260332	34.222	ng	94
6) Aniline	7.263	93	927595	38.583	ng	97
8) 2-Chlorophenol	7.504	128	679666	43.759	ng	99
9) Benzaldehyde	7.075	77	361734m	25.074	ng	
10) Phenol	7.128	94	1060437	43.824	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	728634	37.211	ng	98
12) 1,3-Dichlorobenzene	7.827	146	691724	36.077	ng	98
13) 1,4-Dichlorobenzene	7.974	146	708087	36.530	ng	96
14) 1,2-Dichlorobenzene	8.291	146	695977	36.727	ng	99
15) Benzyl Alcohol	8.174	79	685498	46.025	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.462	45	1002119	39.877	ng	99
17) 2-Methylphenol	8.379	107	681725	44.993	ng	99
18) Hexachloroethane	9.020	117	240266	39.357	ng	92
19) n-Nitroso-di-n-propyla...	8.738	70	653450	39.862	ng	95
20) 3+4-Methylphenols	8.708	107	955155	44.479	ng	97
22) Acetophenone	8.755	105	1196697	37.893	ng	100
24) Nitrobenzene	9.143	77	888075	37.613	ng	98
25) Isophorone	9.660	82	1771580	36.693	ng	99
26) 2-Nitrophenol	9.854	139	364881	44.287	ng	97
27) 2,4-Dimethylphenol	9.913	122	703476	60.278	ng	99
28) bis(2-Chloroethoxy)met...	10.148	93	1096249	38.767	ng	99
29) 2,4-Dichlorophenol	10.389	162	805987	43.698	ng	98
30) 1,2,4-Trichlorobenzene	10.600	180	813909	36.255	ng	99
31) Naphthalene	10.794	128	2090139	37.143	ng	98
32) Benzoic acid	10.054	122	443681	43.709	ng	91
33) 4-Chloroaniline	10.900	127	553960	25.206	ng	98
34) Hexachlorobutadiene	11.076	225	458156	34.314	ng	97
35) Caprolactam	11.670	113	276466m	45.060	ng	
36) 4-Chloro-3-methylphenol	12.022	107	818783	43.135	ng	100
37) 2-Methylnaphthalene	12.398	142	1581512	38.909	ng	98
38) 1-Methylnaphthalene	12.616	142	1490024	36.258	ng	98
40) 1,2,4,5-Tetrachloroben...	12.768	216	994664	38.048	ng	98
41) Hexachlorocyclopentadiene	12.745	237	1017805	120.451	ng	98
43) 2,4,6-Trichlorophenol	13.003	196	724798	42.190	ng	96

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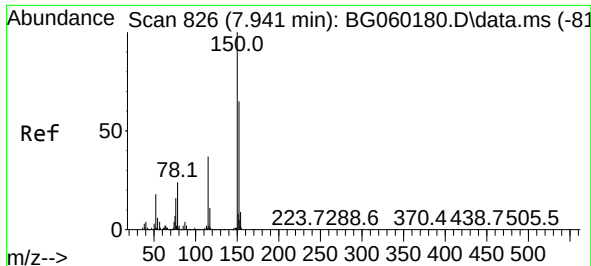
Manual Integrations
 APPROVED

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

Quant Time: Jan 03 12:52:19 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)
44) 2,4,5-Trichlorophenol	13.080	196	814228	42.368	ng	99
46) 1,1'-Biphenyl	13.409	154	2343985	39.036	ng	99
47) 2-Chloronaphthalene	13.450	162	1925131	37.631	ng	98
48) 2-Nitroaniline	13.655	65	624899	46.741	ng	99
49) Acenaphthylene	14.296	152	2986516	40.517	ng	97
50) Dimethylphthalate	14.031	163	2535443	40.237	ng	99
51) 2,6-Dinitrotoluene	14.149	165	562639	42.929	ng	96
52) Acenaphthene	14.643	154	1765389	38.381	ng	96
53) 3-Nitroaniline	14.484	138	396431	32.101	ng	96
54) 2,4-Dinitrophenol	14.684	184	633915	82.742	ng	98
55) Dibenzofuran	14.977	168	3036839	39.415	ng	99
56) 4-Nitrophenol	14.795	139	911528	97.647	ng	98
57) 2,4-Dinitrotoluene	14.936	165	787279	44.176	ng	96
58) Fluorene	15.624	166	2496946	39.514	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.201	232	756803	45.180	ng	99
60) Diethylphthalate	15.395	149	2478063	41.239	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	1279757	38.893	ng	97
62) 4-Nitroaniline	15.647	138	562377	43.206	ng	97
63) Azobenzene	15.912	77	2530884	40.625	ng	96
65) 4,6-Dinitro-2-methylph...	15.700	198	471138	46.473	ng	96
66) n-Nitrosodiphenylamine	15.829	169	2256995	41.340	ng	98
67) 4-Bromophenyl-phenylether	16.511	248	831159	38.694	ng	95
68) Hexachlorobenzene	16.628	284	953084	37.843	ng	97
69) Atrazine	16.781	200	1276096	63.596	ng	100
70) Pentachlorophenol	16.975	266	1116671	80.711	ng	98
71) Phenanthrene	17.369	178	3956445	39.507	ng	97
72) Anthracene	17.457	178	3976387	39.974	ng	95
73) Carbazole	17.727	167	3752160	39.769	ng	97
74) Di-n-butylphthalate	18.285	149	3787395	41.423	ng	96
75) Fluoranthene	19.378	202	4343609	36.977	ng	94
77) Benzidine	19.560	184	1578249	31.972	ng	98
78) Pyrene	19.742	202	4491943	37.465	ng	94
80) Butylbenzylphthalate	20.636	149	1804827	51.052	ng	99
81) Benzo(a)anthracene	21.570	228	4475222	39.463	ng	94
82) 3,3'-Dichlorobenzidine	21.487	252	1406008	34.095	ng	99
83) Chrysene	21.640	228	4205242	38.169	ng	95
84) Bis(2-ethylhexyl)phtha...	21.482	149	2690112	50.177	ng	98
85) Di-n-octyl phthalate	22.674	149	4492876	51.196	ng	99
87) Indeno(1,2,3-cd)pyrene	28.385	276	5777904	42.952	ng	# 93
88) Benzo(b)fluoranthene	23.755	252	4803945	41.897	ng	98
89) Benzo(k)fluoranthene	23.826	252	4887728	42.352	ng	98
90) Benzo(a)pyrene	24.619	252	4392835	42.346	ng	99
91) Dibenzo(a,h)anthracene	28.456	278	4818503	43.595	ng	96
92) Benzo(g,h,i)perylene	29.525	276	4707601	42.049	ng	99

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



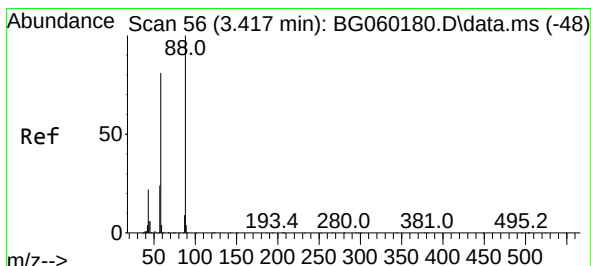
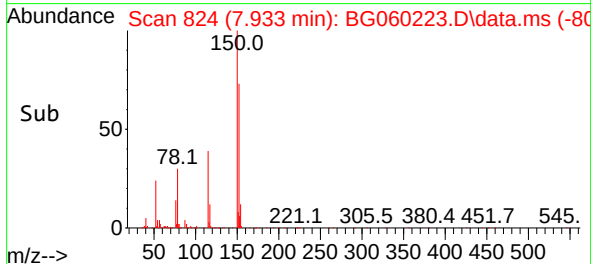
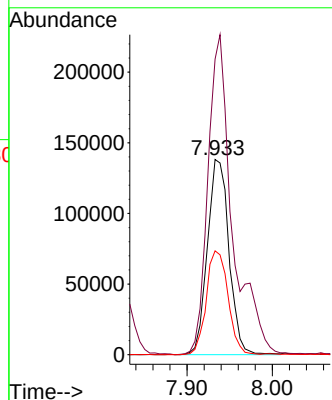
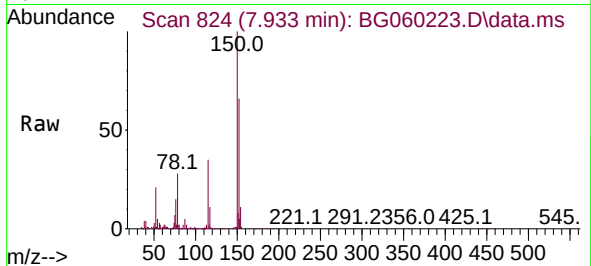
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :
BNA_G
ClientSampleId :
PB158053BS

Tgt Ion:152 Resp: 24392
Ion Ratio Lower Upper
152 100
150 151.5 123.4 185.0
115 53.2 45.4 68.0

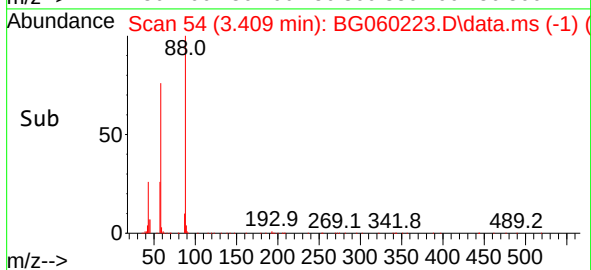
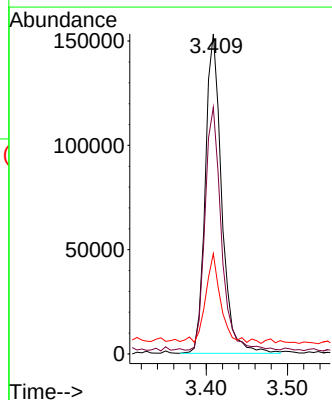
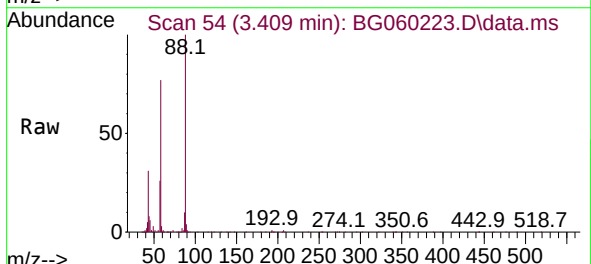
Manual Integrations
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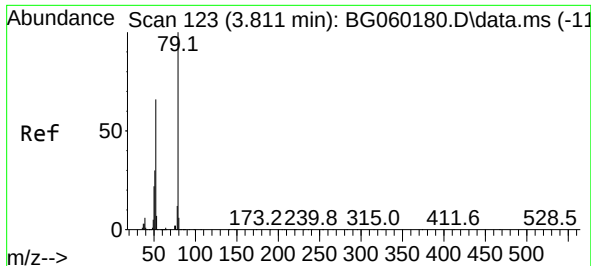
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 29.823 ng
RT: 3.409 min Scan# 54
Delta R.T. -0.008 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion: 88 Resp: 214431
Ion Ratio Lower Upper
88 100
58 75.4 60.5 90.7
43 26.3 18.9 28.3





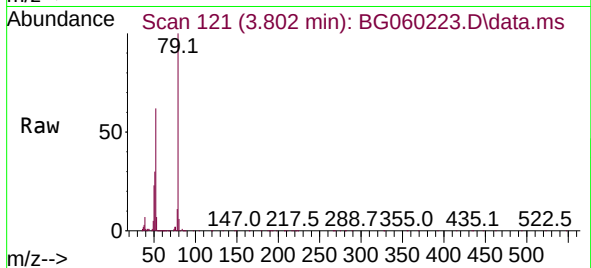
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Pyridine
Concen: 26.939 ng
RT: 3.802 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

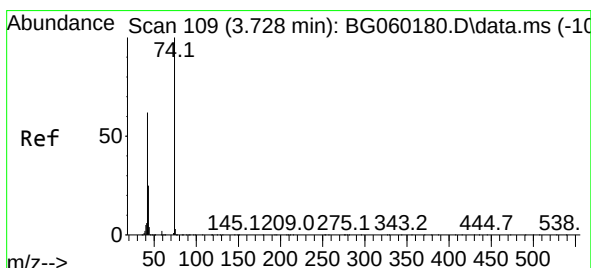
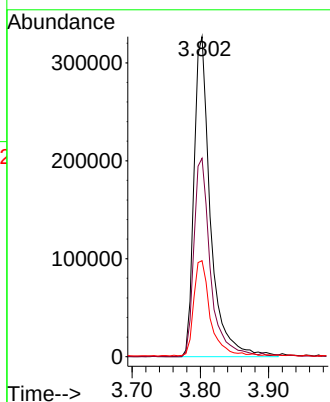
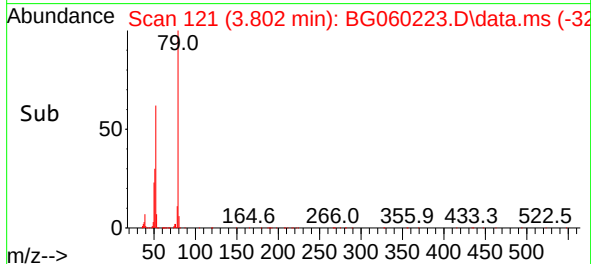
PB158053BS



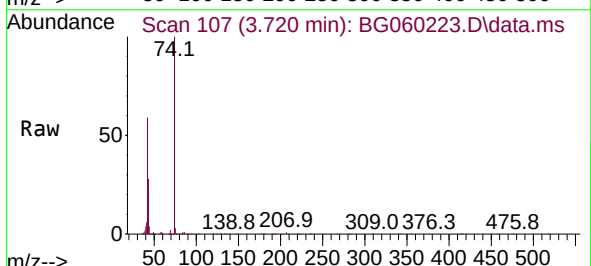
Tgt Ion: 79 Resp: 54935
Ion Ratio Lower Upper
79 100
52 62.0 52.9 79.3
51 30.0 24.6 37.0

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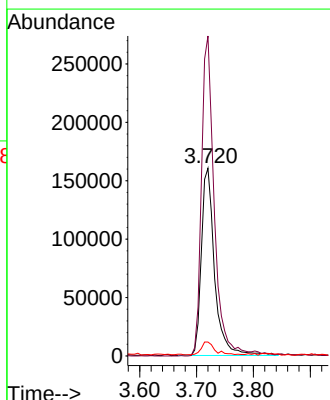
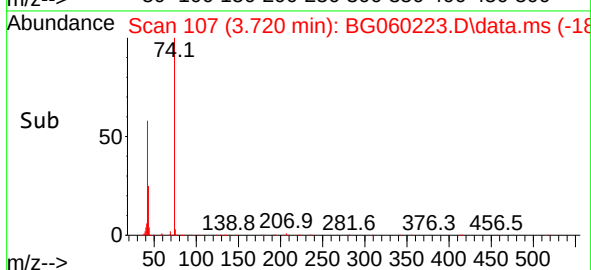
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

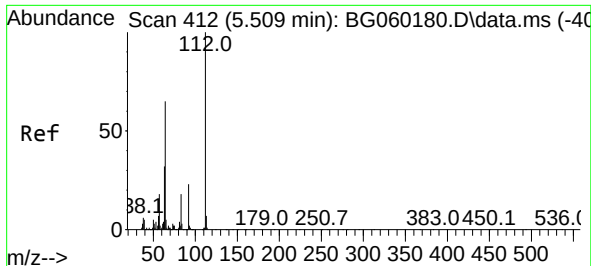


#4
n-Nitrosodimethylamine
Concen: 34.222 ng
RT: 3.720 min Scan# 107
Delta R.T. -0.008 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion: 42 Resp: 260332
Ion Ratio Lower Upper
42 100
74 170.6 129.5 194.3
44 7.4 5.9 8.9





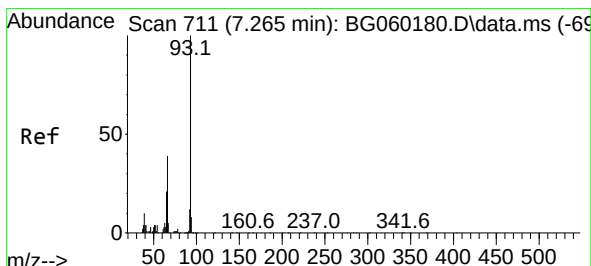
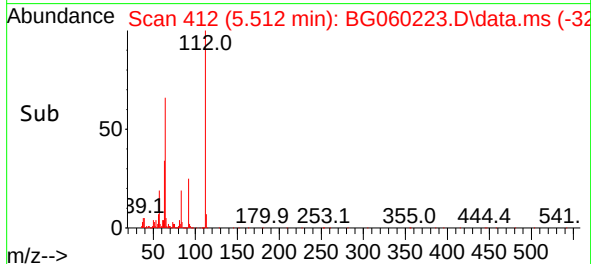
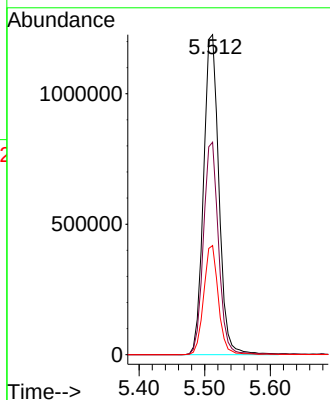
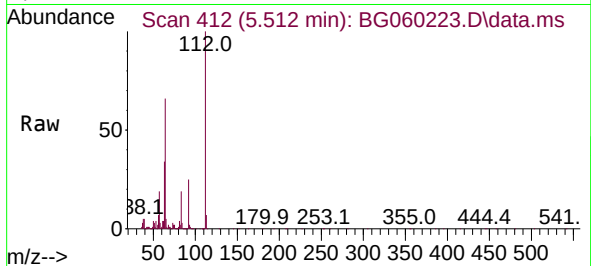
#5
2-Fluorophenol
Concen: 123.690 ng
RT: 5.512 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :
BNA_G
ClientSampleId :
PB158053BS

Tgt Ion:112 Resp: 1998980
Ion Ratio Lower Upper
112 100
64 66.4 52.2 78.4
63 34.1 25.4 38.0

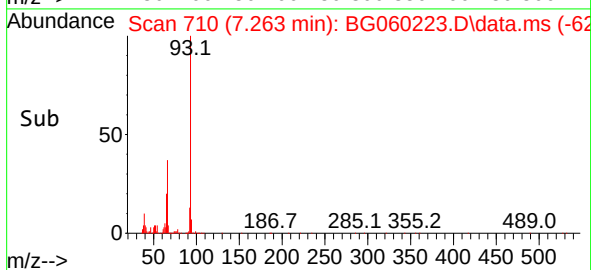
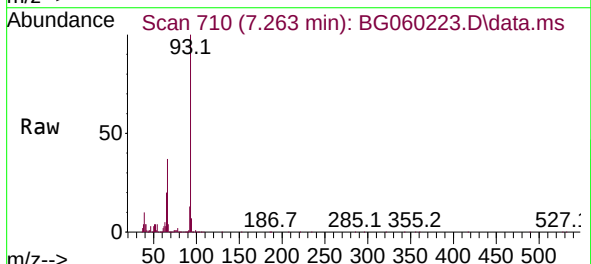
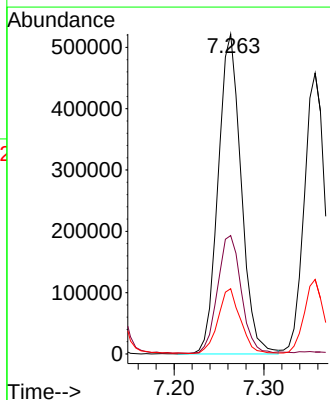
Manual Integrations
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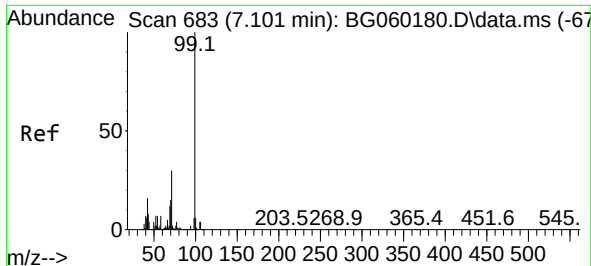
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#6
Aniline
Concen: 38.583 ng
RT: 7.263 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

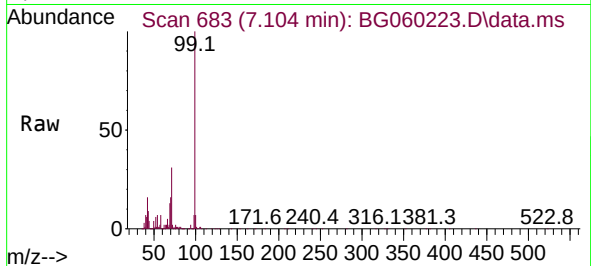
Tgt Ion: 93 Resp: 927595
Ion Ratio Lower Upper
93 100
66 37.0 31.7 47.5
65 20.4 16.7 25.1





#7
Phenol-d6
Concen: 119.768 ng
RT: 7.104 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

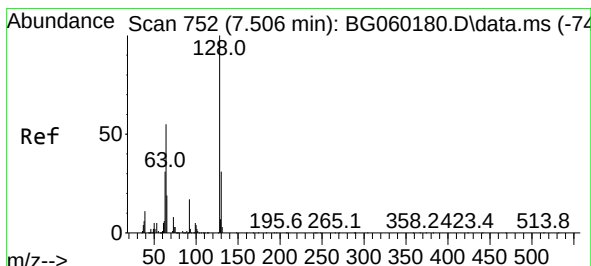
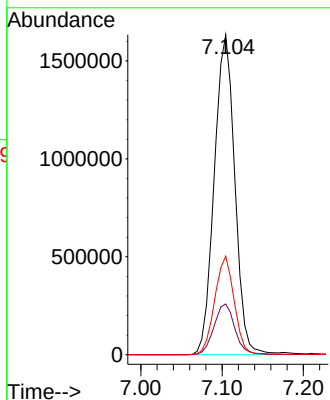
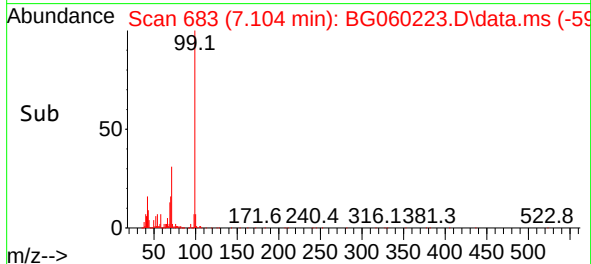
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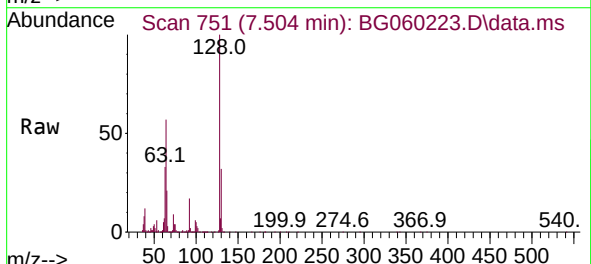
Tgt Ion: 99 Resp: 287390
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 30.8 24.1 36.1

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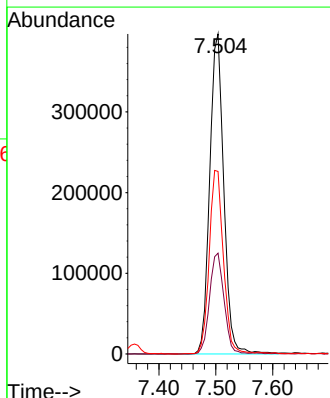
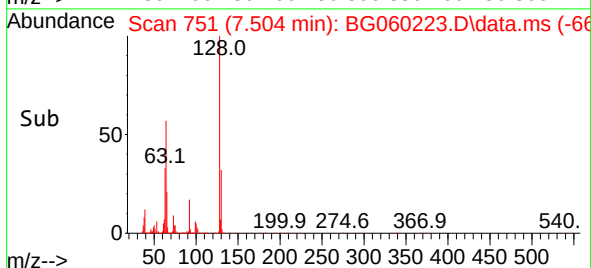
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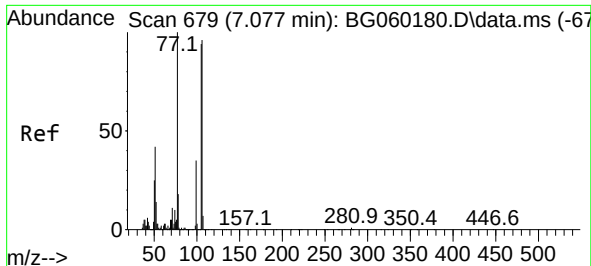


#8
2-Chlorophenol
Concen: 43.759 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



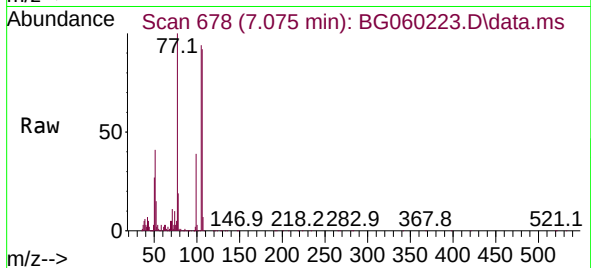
Tgt Ion:128 Resp: 679666
Ion Ratio Lower Upper
128 100
130 31.5 11.3 51.3
64 57.1 36.4 76.4





#9
Benzaldehyde
Concen: 25.074 ng m
RT: 7.075 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

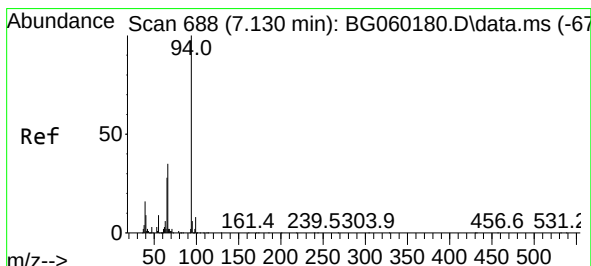
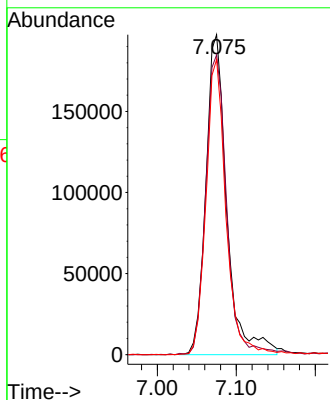
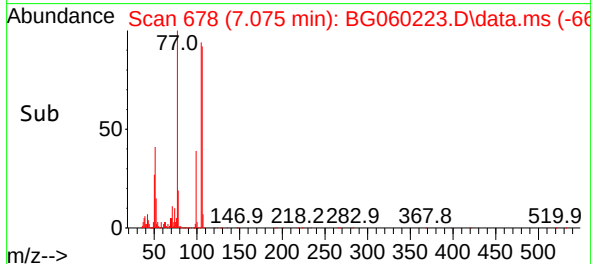
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ClientSampleId :
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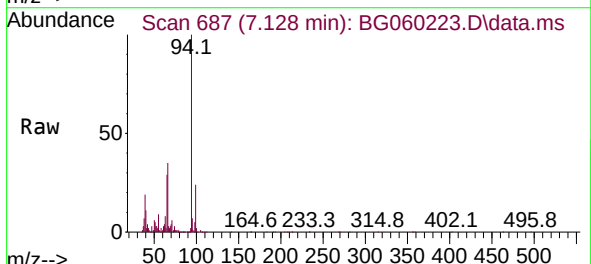
Tgt Ion: 77 Resp: 361734
Ion Ratio Lower Upper
77 100
105 93.7 73.8 113.8
106 92.2 76.2 116.2

Manual Integrations
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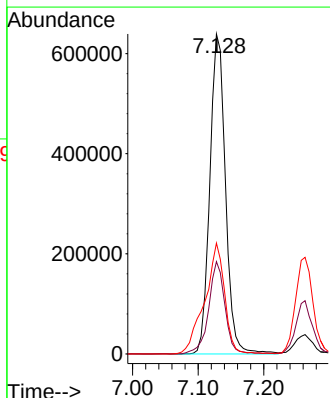
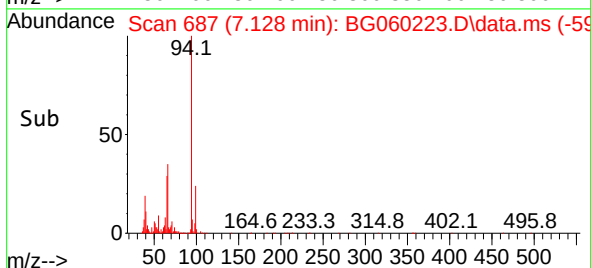
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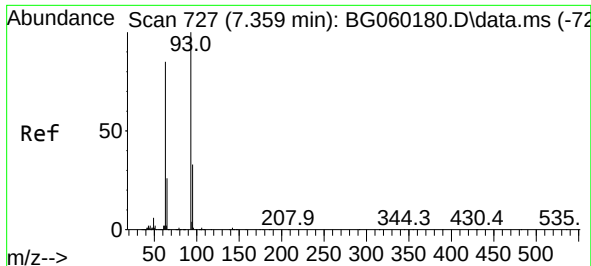


#10
Phenol
Concen: 43.824 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



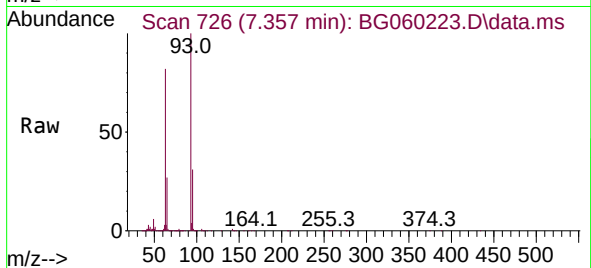
Tgt Ion: 94 Resp: 1060437
Ion Ratio Lower Upper
94 100
65 28.9 8.4 48.4
66 34.7 15.0 55.0





#11
bis(2-Chloroethyl)ether
Concen: 37.211 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

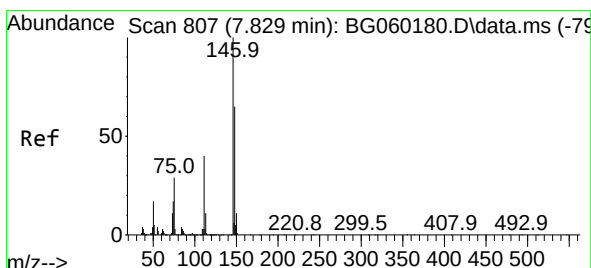
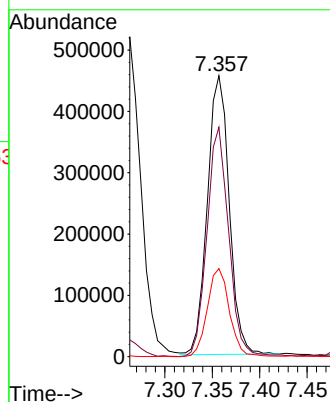
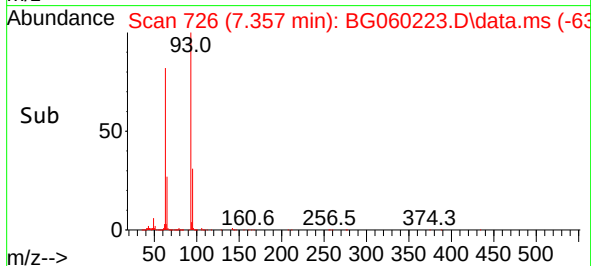
Instrument :
BNA_G
ClientSampleId :
PB158053BS



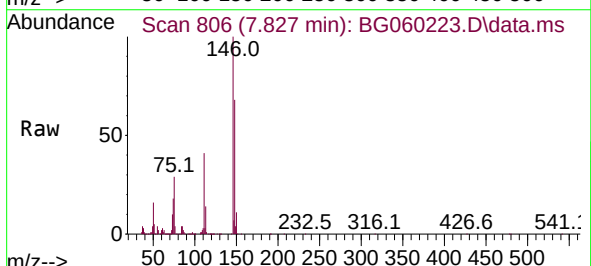
Tgt Ion: 93 Resp: 728634
Ion Ratio Lower Upper
93 100
63 81.7 63.8 103.8
95 31.4 12.3 52.3

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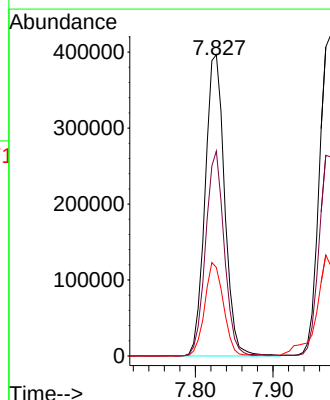
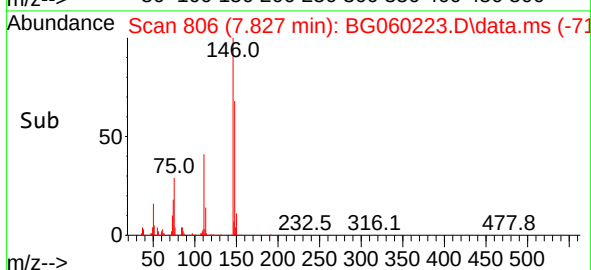
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

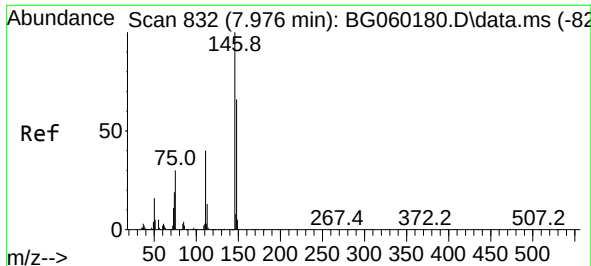


#12
1,3-Dichlorobenzene
Concen: 36.077 ng
RT: 7.827 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion:146 Resp: 691724
Ion Ratio Lower Upper
146 100
148 68.0 52.2 78.4
75 29.4 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 36.530 ng
RT: 7.974 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

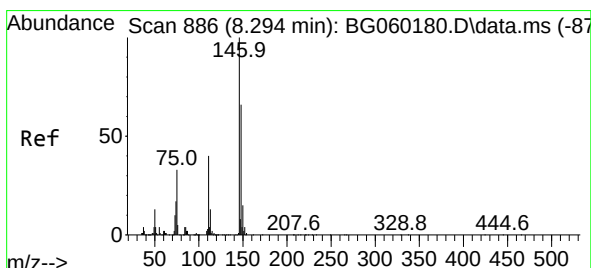
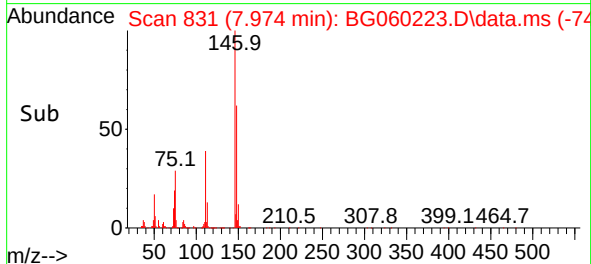
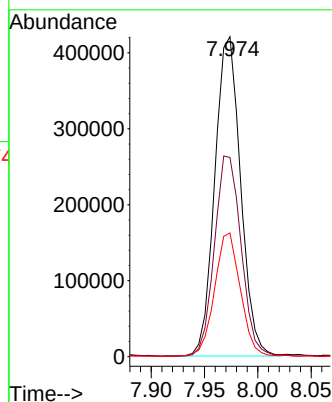
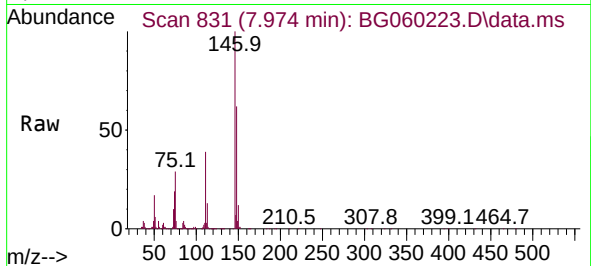
ClientSampleId :

PB158053BS

Tgt Ion:146 Resp: 70808
Ion Ratio Lower Upper
146 100
148 62.3 53.0 79.4
111 38.7 32.0 48.0

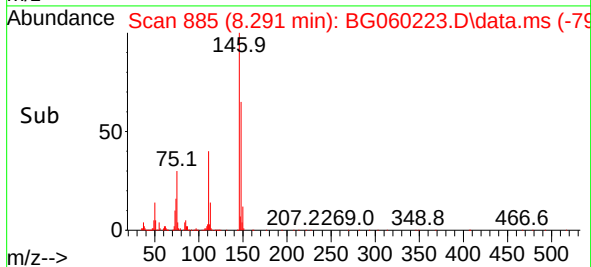
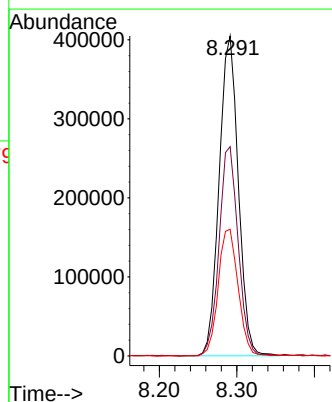
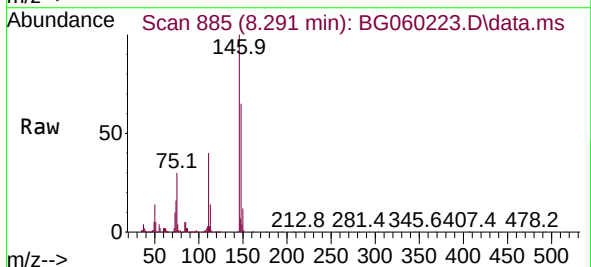
Manual Integrations
APPROVED

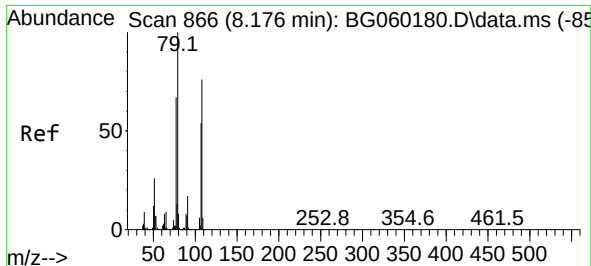
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#14
1,2-Dichlorobenzene
Concen: 36.727 ng
RT: 8.291 min Scan# 885
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:146 Resp: 695977
Ion Ratio Lower Upper
146 100
148 65.4 52.9 79.3
111 39.6 31.8 47.8





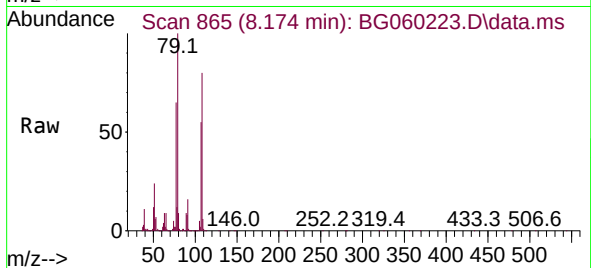
#15
Benzyl Alcohol
Concen: 46.025 ng
RT: 8.174 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



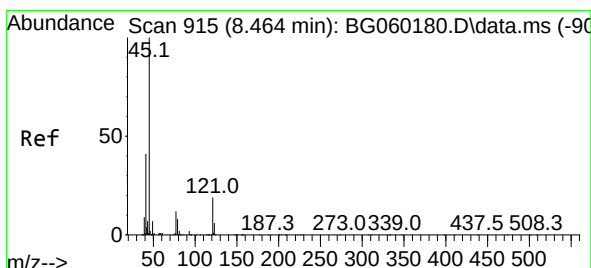
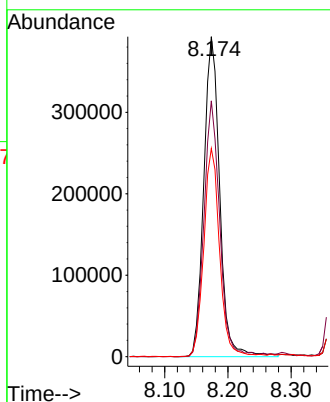
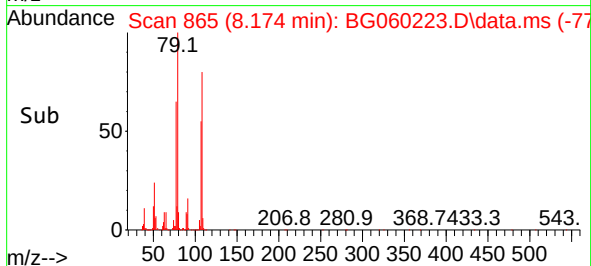
Tgt Ion: 79 Resp: 685498
Ion Ratio Lower Upper
79 100
108 79.9 60.6 91.0
77 65.1 53.8 80.6

Manual Integrations

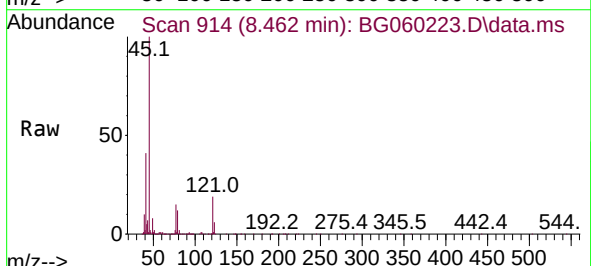
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

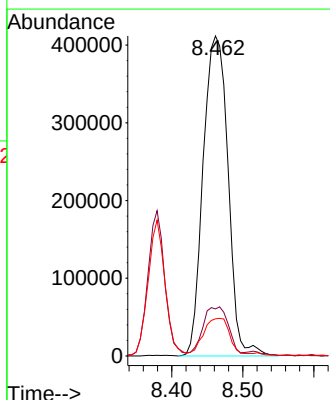
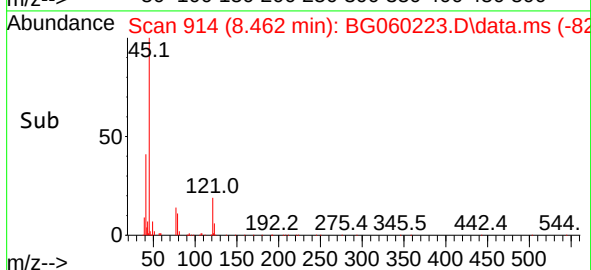
Supervised By :mohammad ahmed 01/04/2024

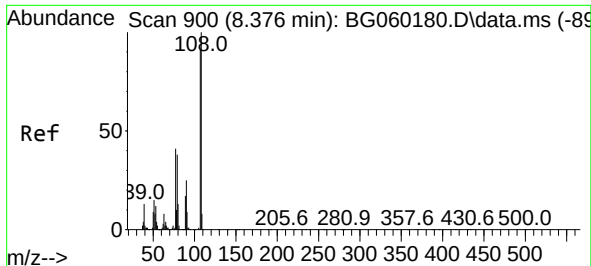


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.877 ng
RT: 8.462 min Scan# 914
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion: 45 Resp: 1002119
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.5
79 11.6 0.0 31.5





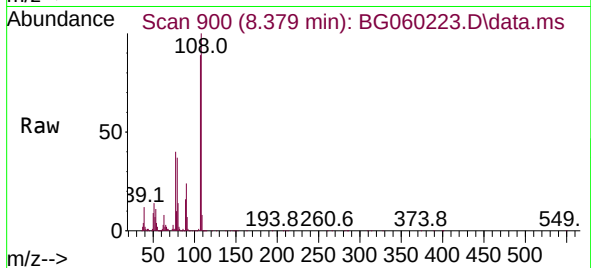
#17
2-Methylphenol
Concen: 44.993 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



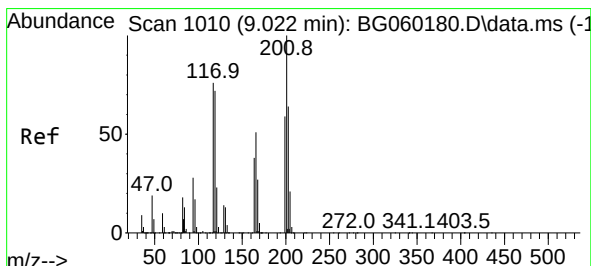
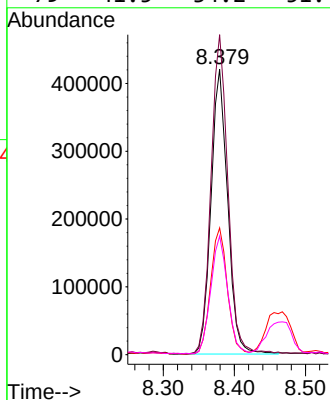
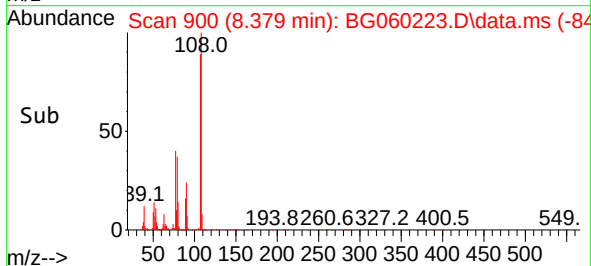
Tgt Ion:	107	Resp:	68172
Ion	Ratio	Lower	Upper
107	100		
108	112.1	88.7	133.1
77	44.4	36.4	54.6
79	41.5	34.2	51.4

Manual Integrations

APPROVED

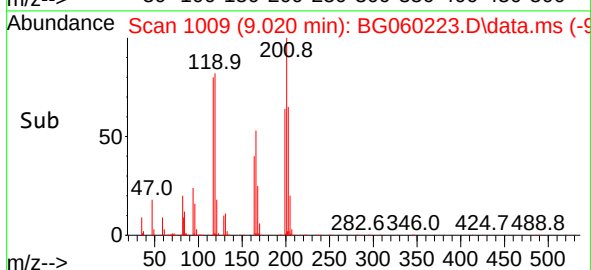
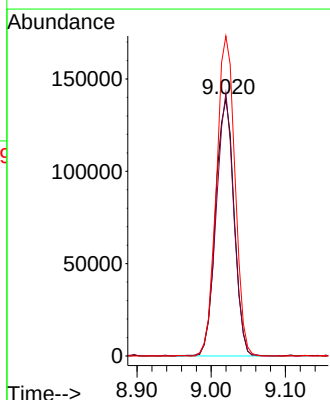
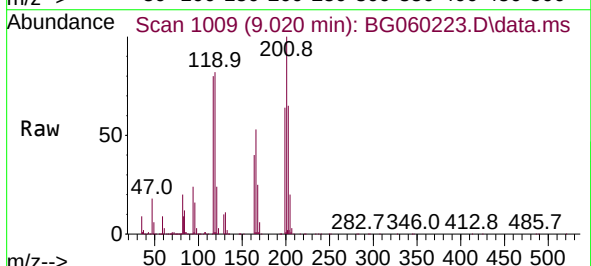
Reviewed By :Yogesh Patel 01/04/2024

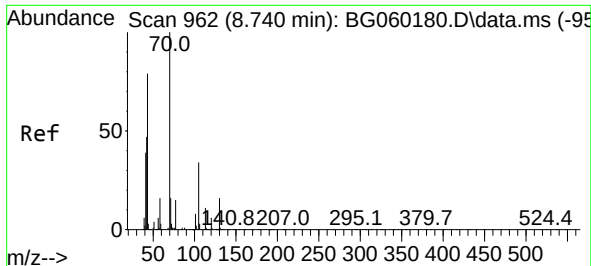
Supervised By :mohammad ahmed 01/04/2024



#18
Hexachloroethane
Concen: 39.357 ng
RT: 9.020 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:	117	Resp:	240266
Ion	Ratio	Lower	Upper
117	100		
119	102.4	76.0	114.0
201	124.6	107.5	161.3





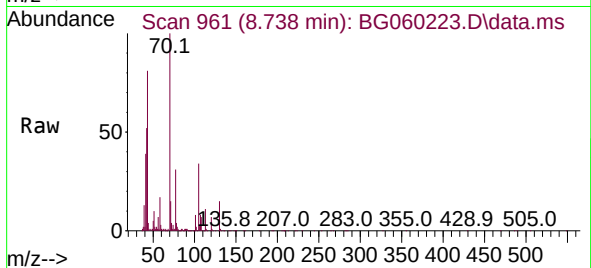
#19
n-Nitroso-di-n-propylamine
Concen: 39.862 ng
RT: 8.738 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



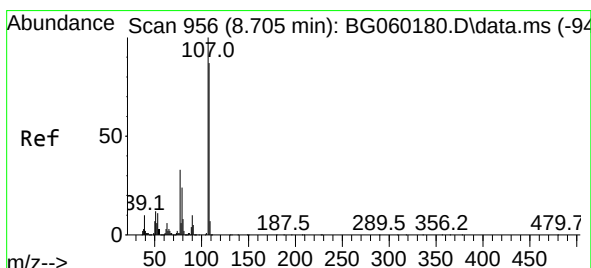
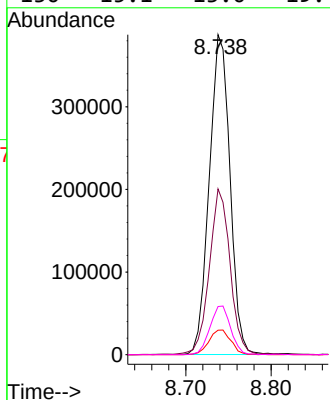
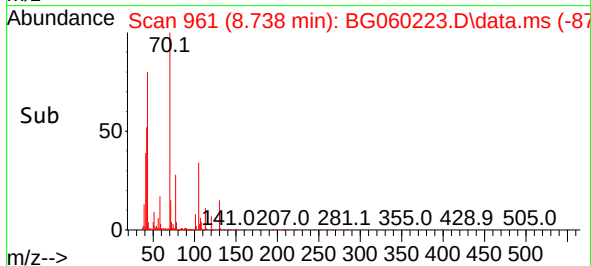
Tgt Ion: 70 Resp: 653450
Ion Ratio Lower Upper
70 100
42 51.8 37.9 56.9
101 7.7 6.2 9.2
130 15.1 13.0 19.4

Manual Integrations

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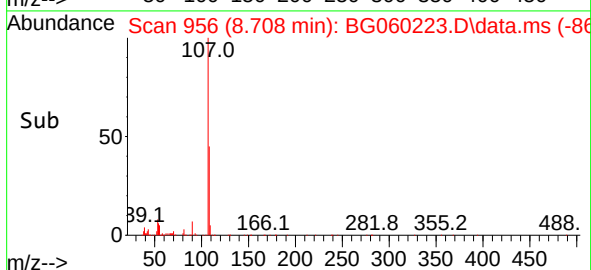
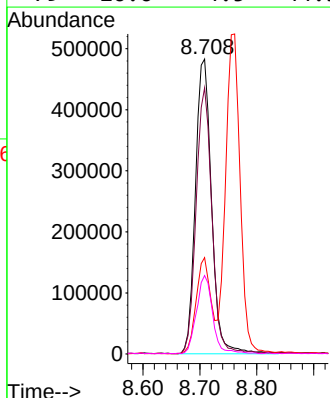
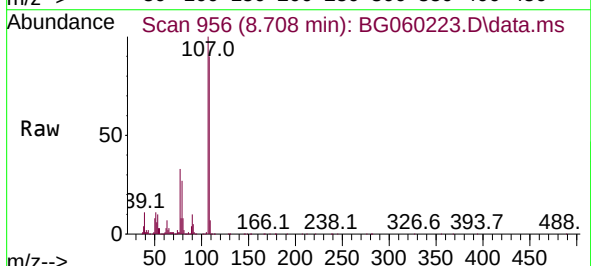
Reviewed By :Yogesh Patel 01/04/2024

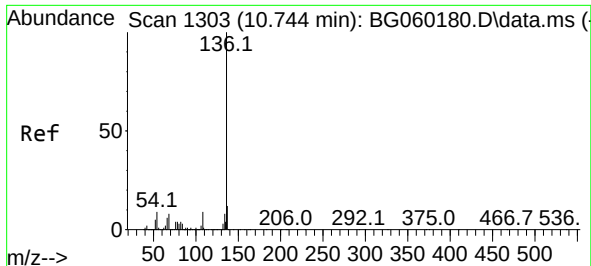
Supervised By :mohammad ahmed 01/04/2024



#20
3+4-Methylphenols
Concen: 44.479 ng
RT: 8.708 min Scan# 956
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:107 Resp: 955155
Ion Ratio Lower Upper
107 100
108 90.2 67.4 107.4
77 32.7 12.8 52.8
79 26.6 4.5 44.5





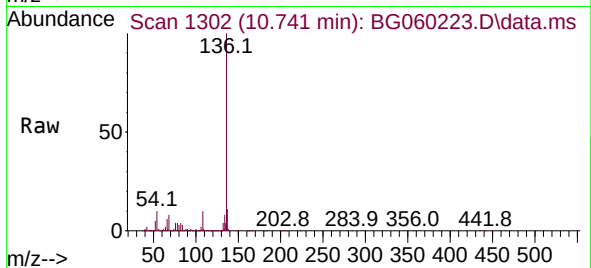
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



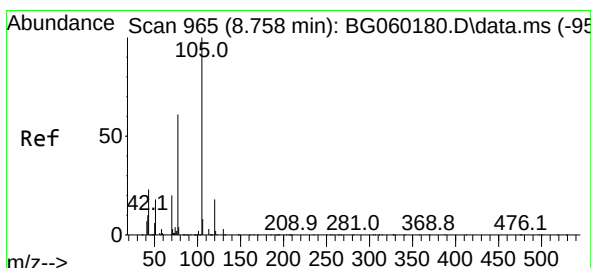
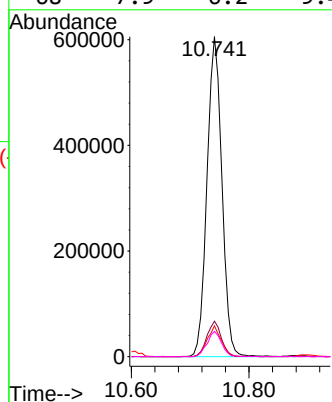
Tgt Ion:136 Resp: 1065909
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 9.7 7.4 11.2
68 7.9 6.2 9.4

Manual Integrations

APPROVED

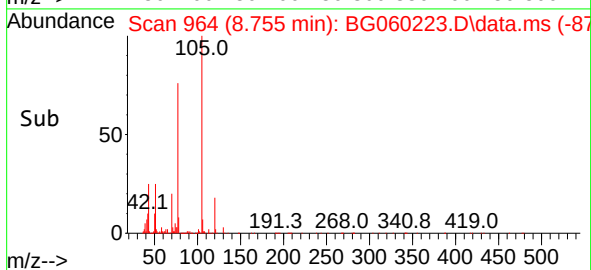
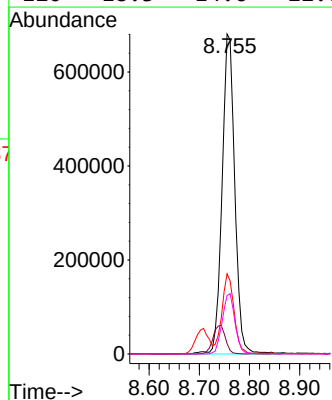
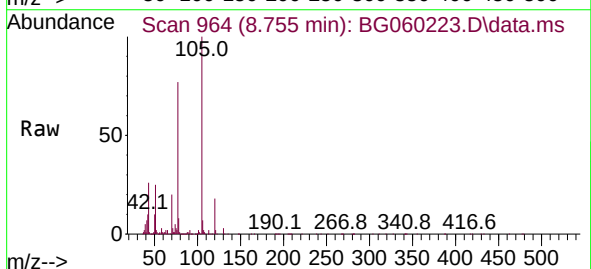
Reviewed By :Yogesh Patel 01/04/2024

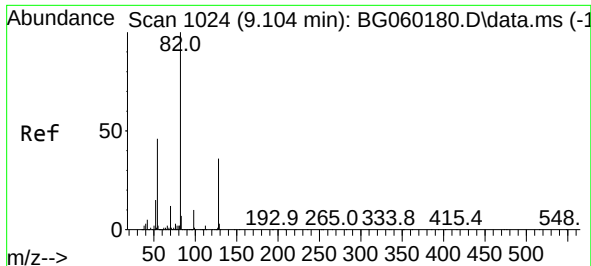
Supervised By :mohammad ahmed 01/04/2024



#22
Acetophenone
Concen: 37.893 ng
RT: 8.755 min Scan# 964
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:105 Resp: 1196697
Ion Ratio Lower Upper
105 100
71 3.3 2.6 3.8
51 25.0 20.0 30.0
120 18.3 14.6 22.0





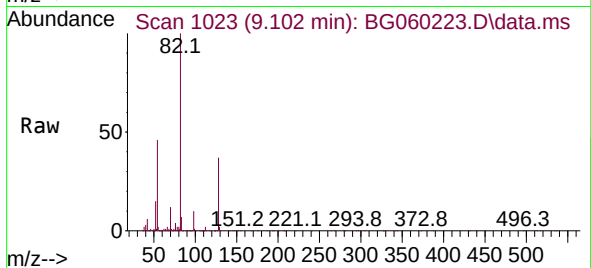
#23
Nitrobenzene-d5
Concen: 73.813 ng
RT: 9.102 min Scan# 1023
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



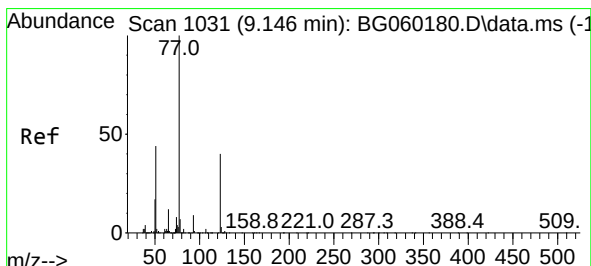
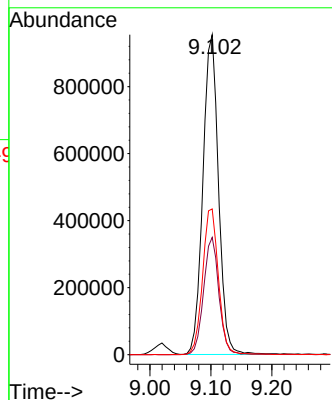
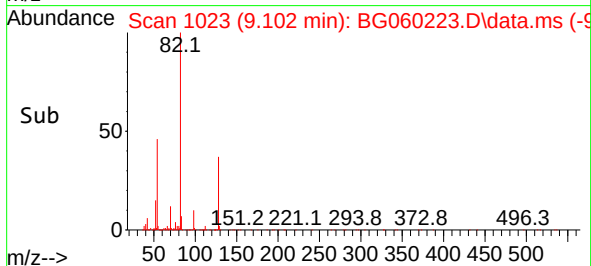
Tgt Ion: 82 Resp: 170334
Ion Ratio Lower Upper
82 100
128 36.7 28.7 43.1
54 45.5 36.9 55.3

Manual Integrations

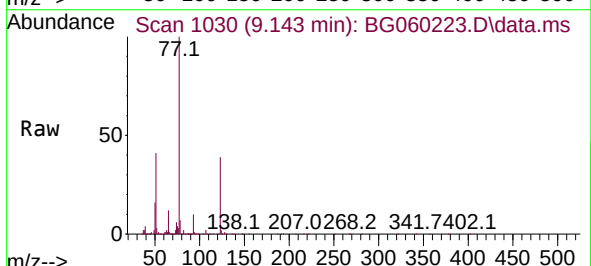
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

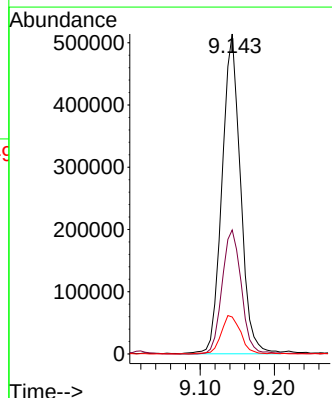
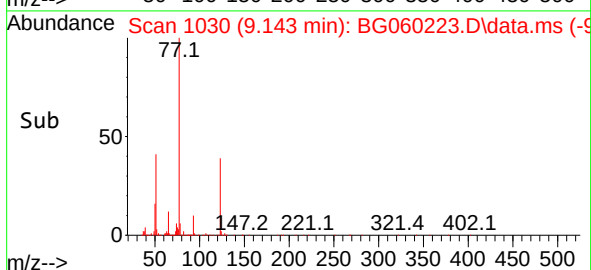
Supervised By :mohammad ahmed 01/04/2024

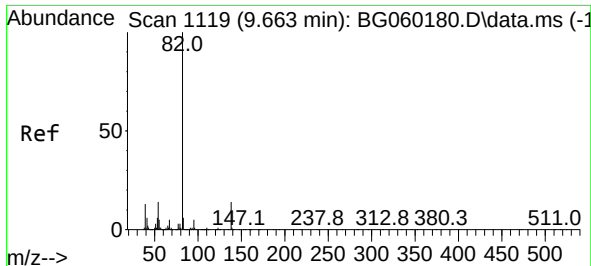


#24
Nitrobenzene
Concen: 37.613 ng
RT: 9.143 min Scan# 1030
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



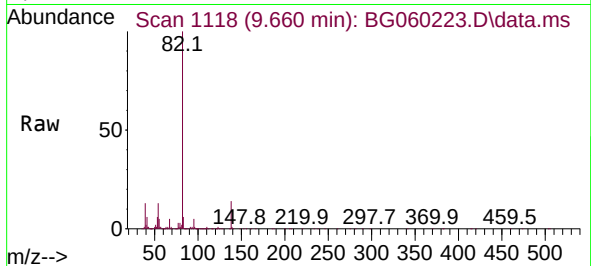
Tgt Ion: 77 Resp: 888075
Ion Ratio Lower Upper
77 100
123 38.8 31.9 47.9
65 11.6 9.9 14.9





#25
Isophorone
Concen: 36.693 ng
RT: 9.660 min Scan# 1119
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

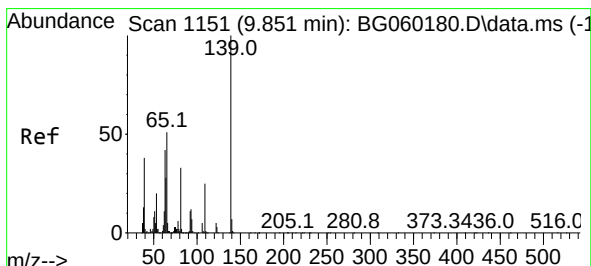
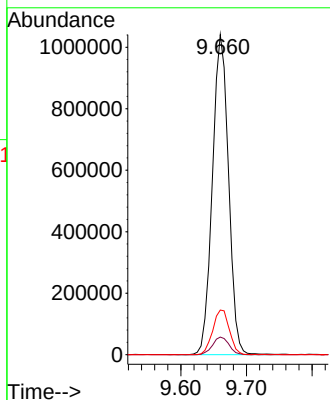
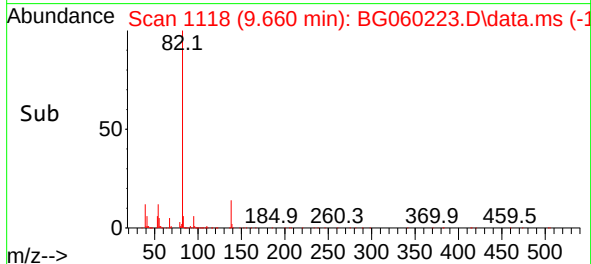
Instrument :
BNA_G
ClientSampleId :
PB158053BS



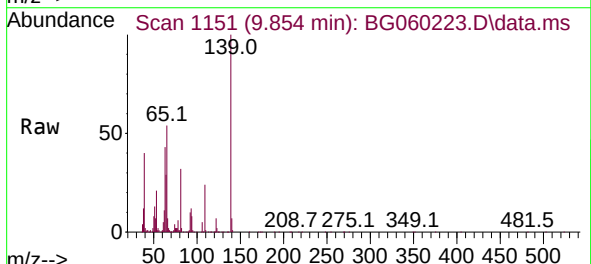
Tgt Ion: 82 Resp: 1771580
Ion Ratio Lower Upper
82 100
95 5.5 4.4 6.6
138 13.9 11.5 17.3

Manual Integrations
APPROVED

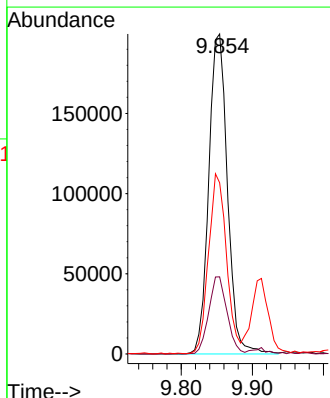
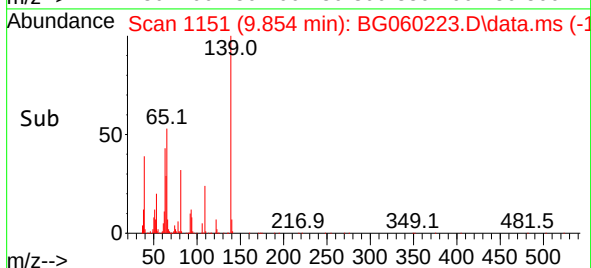
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

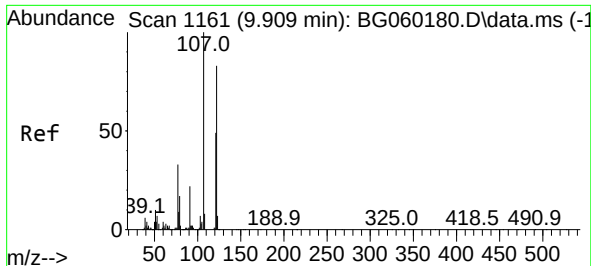


#26
2-Nitrophenol
Concen: 44.287 ng
RT: 9.854 min Scan# 1151
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion:139 Resp: 364881
Ion Ratio Lower Upper
139 100
109 24.1 19.8 29.8
65 53.5 40.8 61.2





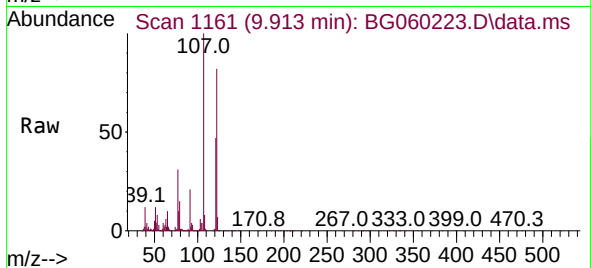
#27
2,4-Dimethylphenol
Concen: 60.278 ng
RT: 9.913 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



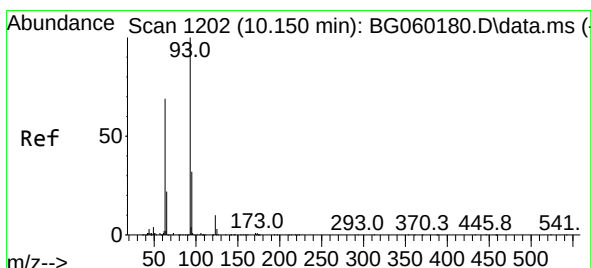
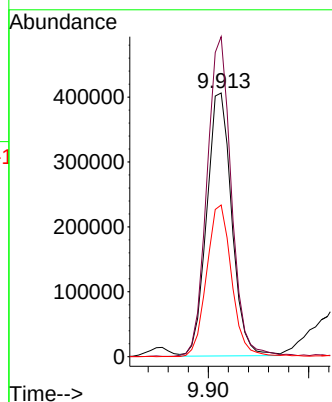
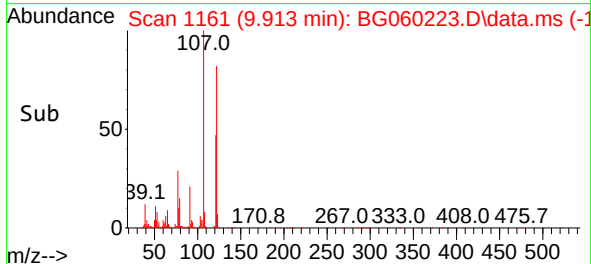
Tgt Ion:122 Resp: 703470
Ion Ratio Lower Upper
122 100
107 121.3 95.8 143.6
121 57.5 46.2 69.4

Manual Integrations

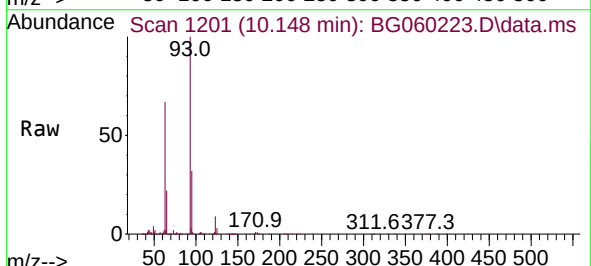
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

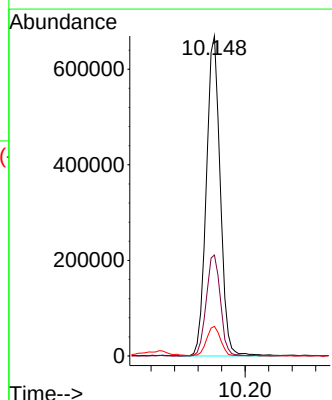
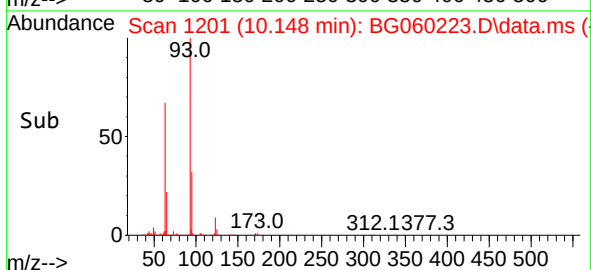
Supervised By :mohammad ahmed 01/04/2024

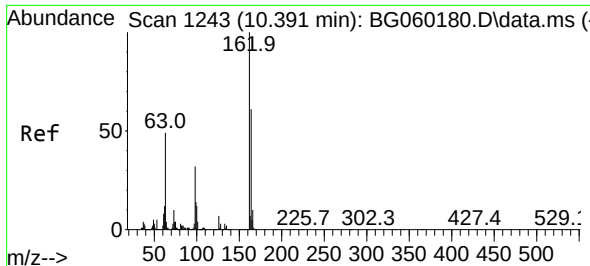


#28
bis(2-Chloroethoxy)methane
Concen: 38.767 ng
RT: 10.148 min Scan# 1201
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion: 93 Resp: 1096249
Ion Ratio Lower Upper
93 100
95 31.6 25.8 38.6
123 9.2 7.8 11.6





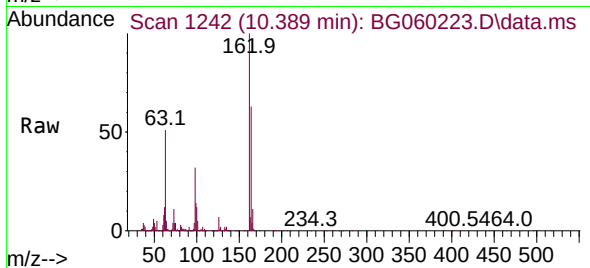
#29
2,4-Dichlorophenol
Concen: 43.698 ng
RT: 10.389 min Scan# 1242
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



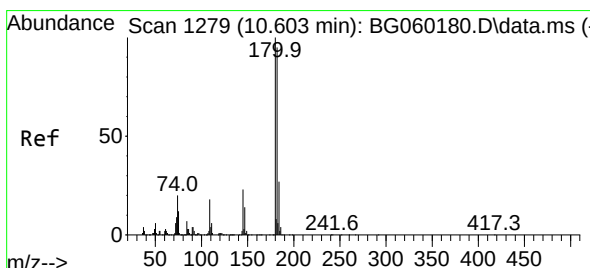
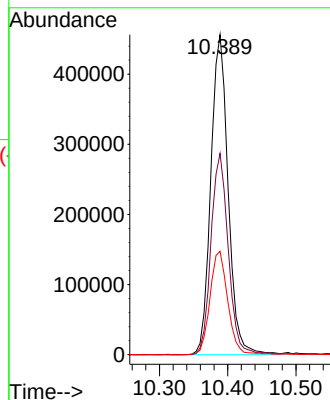
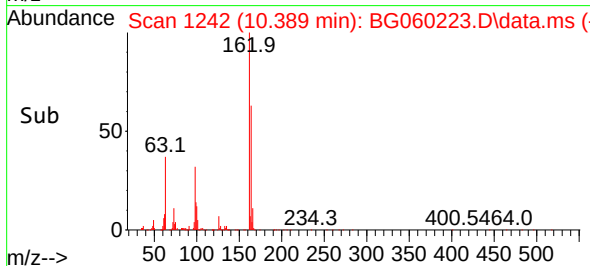
Tgt Ion:162 Resp: 80598
Ion Ratio Lower Upper
162 100
164 62.9 40.7 80.7
98 32.3 11.7 51.7

Manual Integrations

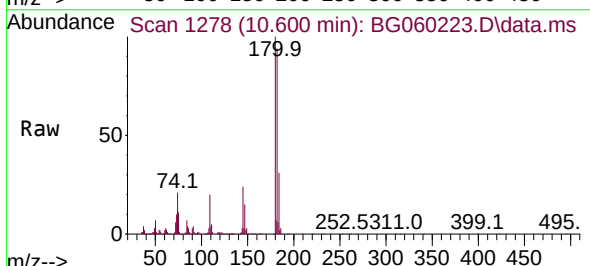
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

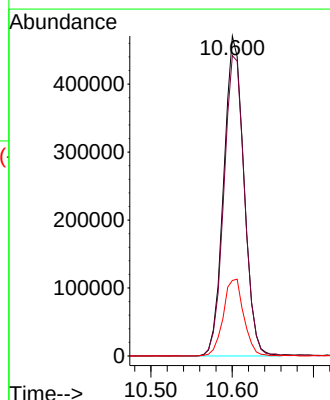
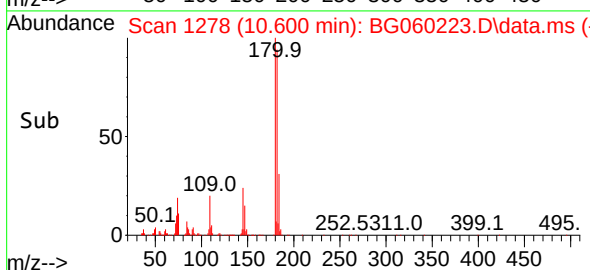
Supervised By :mohammad ahmed 01/04/2024

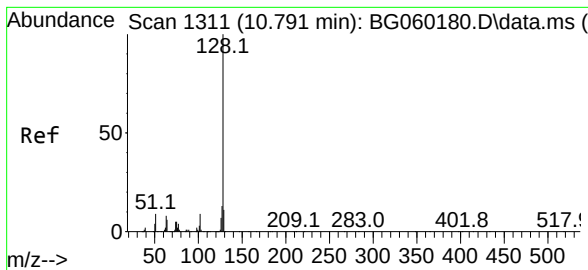


#30
1,2,4-Trichlorobenzene
Concen: 36.255 ng
RT: 10.600 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



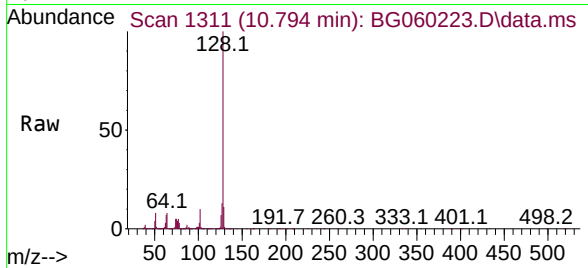
Tgt Ion:180 Resp: 813909
Ion Ratio Lower Upper
180 100
182 93.8 75.7 113.5
145 23.6 18.4 27.6





#31
Naphthalene
Concen: 37.143 ng
RT: 10.794 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

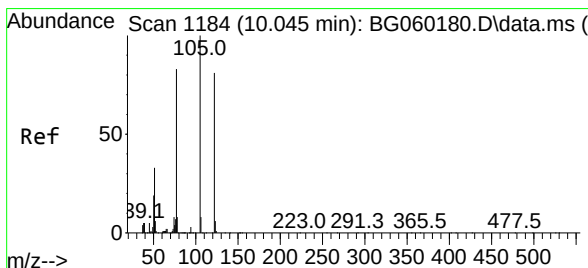
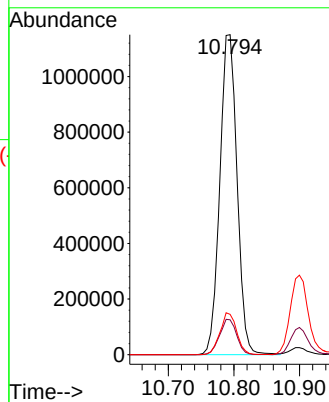
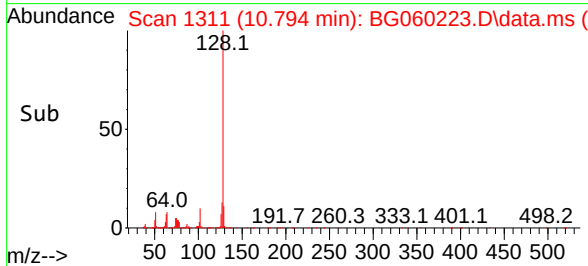
Instrument :
BNA_G
ClientSampleId :
PB158053BS



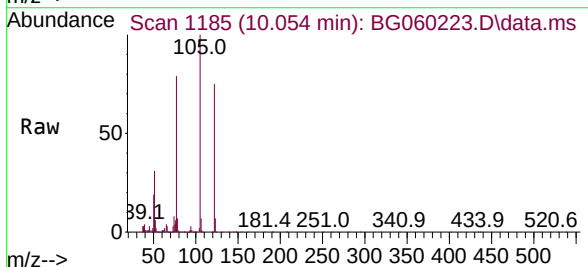
Tgt Ion:128 Resp: 2090139
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.6 10.6 16.0

Manual Integrations
APPROVED

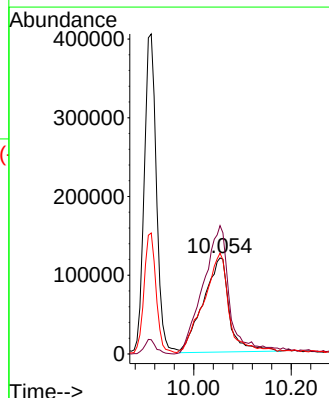
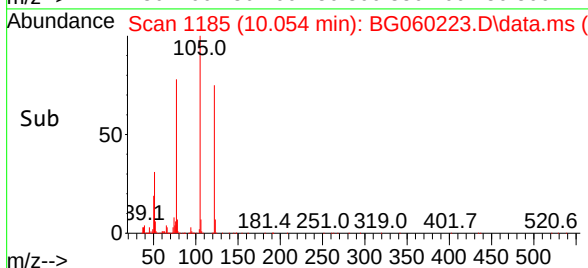
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

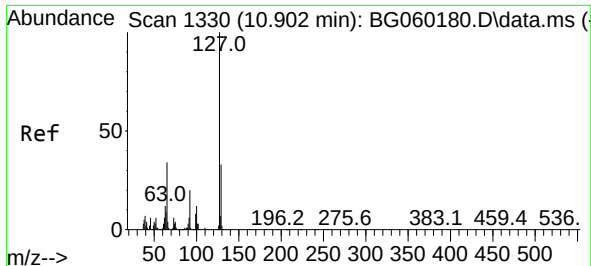


#32
Benzoic acid
Concen: 43.709 ng
RT: 10.054 min Scan# 1185
Delta R.T. 0.009 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion:122 Resp: 443681
Ion Ratio Lower Upper
122 100
105 133.6 99.2 139.2
77 105.0 81.0 121.0





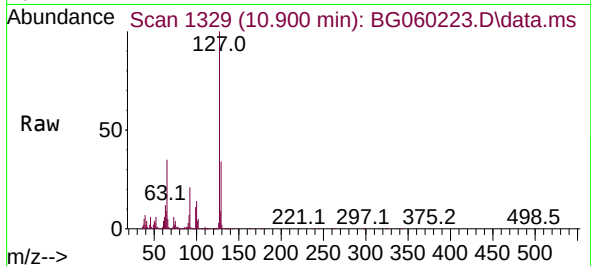
#33
4-Chloroaniline
Concen: 25.206 ng
RT: 10.900 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



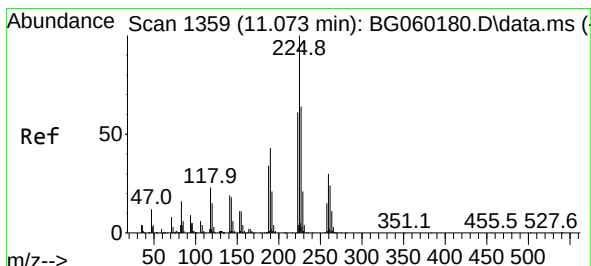
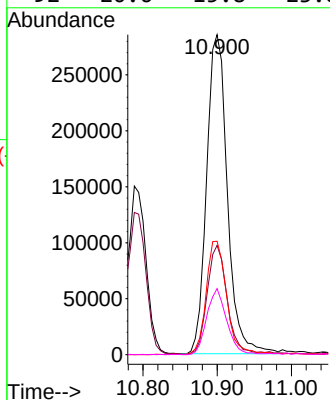
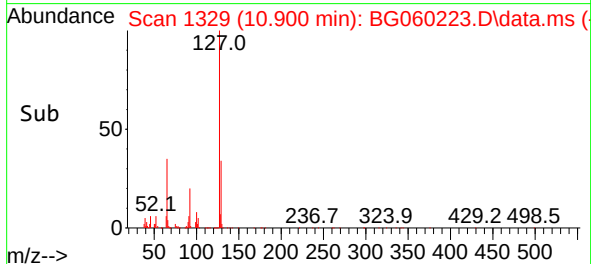
Tgt Ion:127 Resp: 553960
Ion Ratio Lower Upper
127 100
129 34.2 26.0 39.0
65 35.4 27.4 41.0
92 20.6 15.8 23.8

Manual Integrations

APPROVED

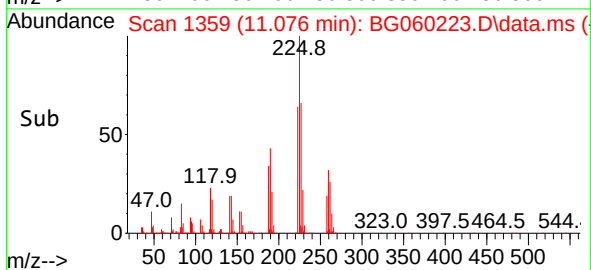
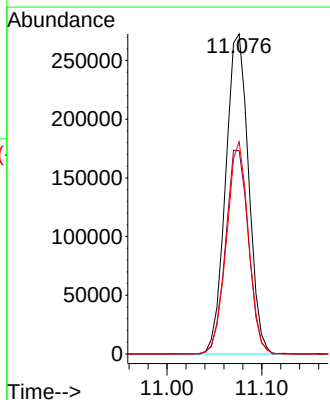
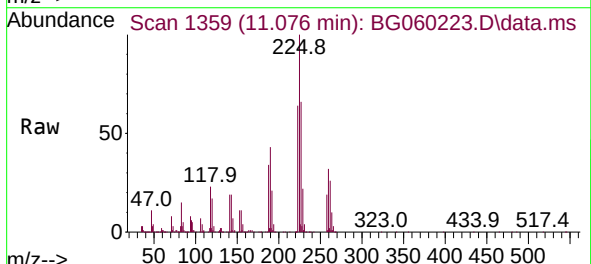
Reviewed By :Yogesh Patel 01/04/2024

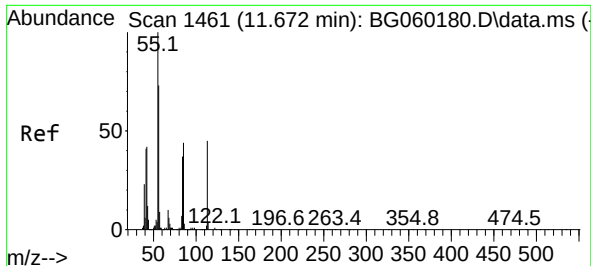
Supervised By :mohammad ahmed 01/04/2024



#34
Hexachlorobutadiene
Concen: 34.314 ng
RT: 11.076 min Scan# 1359
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

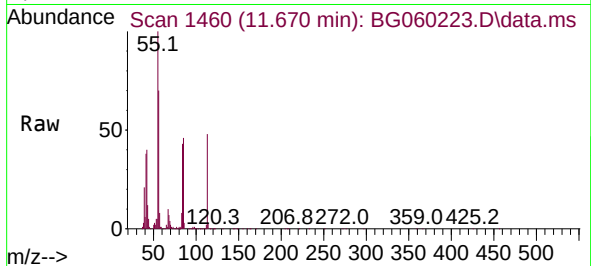
Tgt Ion:225 Resp: 458156
Ion Ratio Lower Upper
225 100
223 63.5 49.0 73.6
227 66.3 51.0 76.4





#35
Caprolactam
Concen: 45.060 ng m
RT: 11.670 min Scan# 1461
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

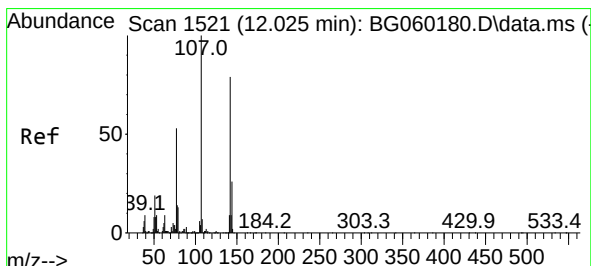
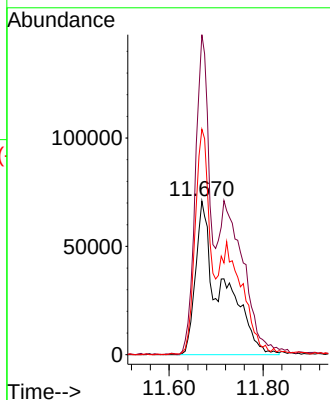
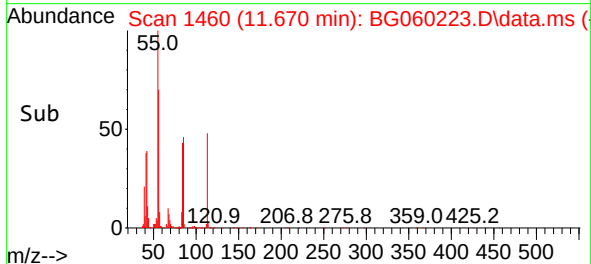
Instrument :
BNA_G
ClientSampleId :
PB158053BS



Tgt Ion:113 Resp: 276460
Ion Ratio Lower Upper
113 100
55 208.2 202.1 242.1
56 146.7 142.4 182.4

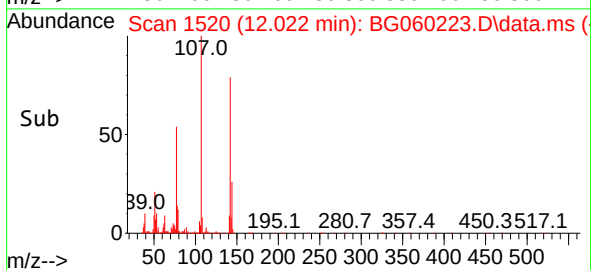
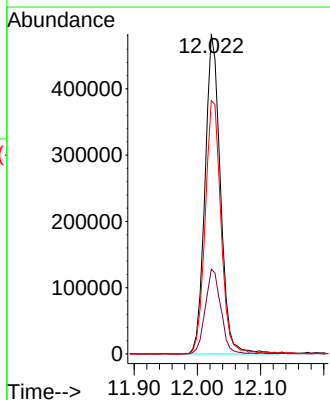
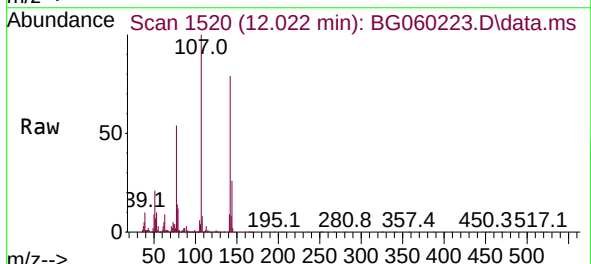
Manual Integrations
APPROVED

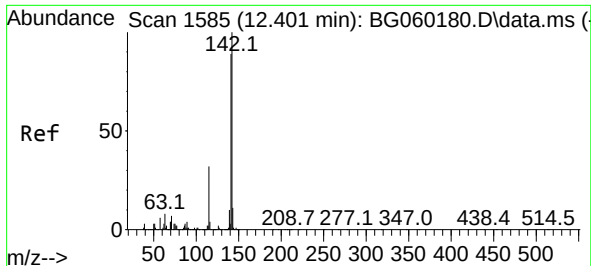
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#36
4-Chloro-3-methylphenol
Concen: 43.135 ng
RT: 12.022 min Scan# 1520
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:107 Resp: 818783
Ion Ratio Lower Upper
107 100
144 26.5 20.8 31.2
142 79.2 63.4 95.2





#37

2-Methylnaphthalene

Concen: 38.909 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS

Tgt Ion:142 Resp: 158151

Ion Ratio Lower Upper

142 100

141 90.8 71.1 106.7

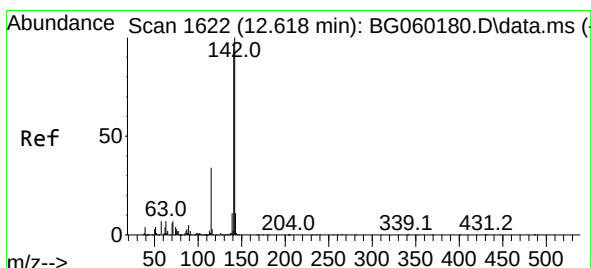
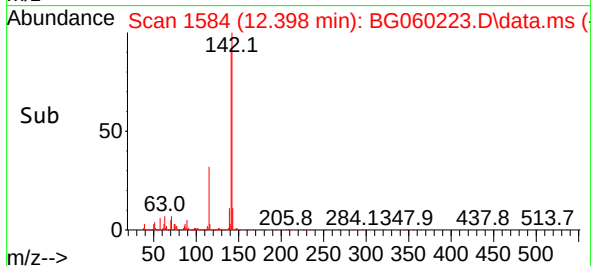
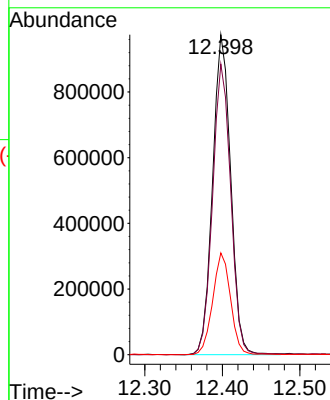
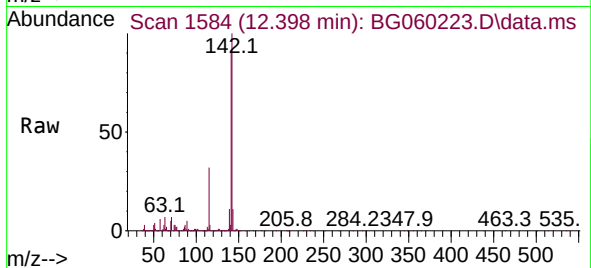
115 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#38

1-Methylnaphthalene

Concen: 36.258 ng

RT: 12.616 min Scan# 1621

Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

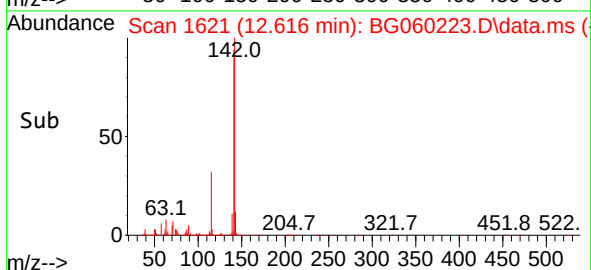
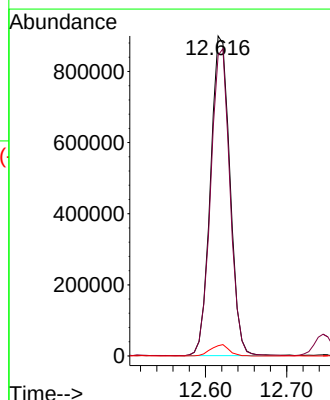
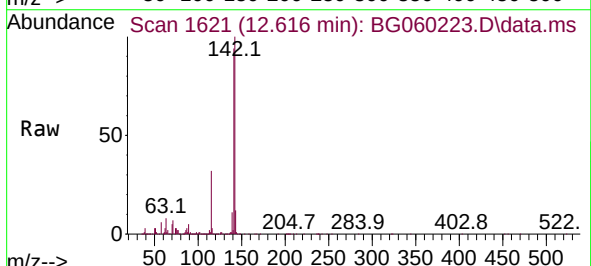
Tgt Ion:142 Resp: 1490024

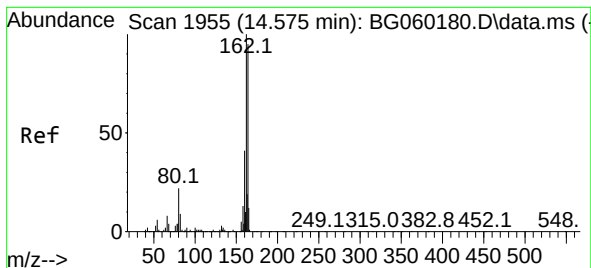
Ion Ratio Lower Upper

142 100

141 94.0 76.6 114.8

116 3.2 2.6 3.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.578 min Scan# 1955

Delta R.T. 0.003 min

Lab File: BG060223.D

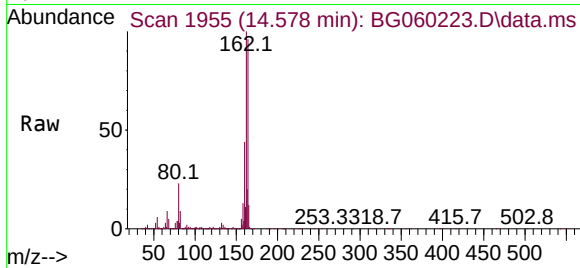
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



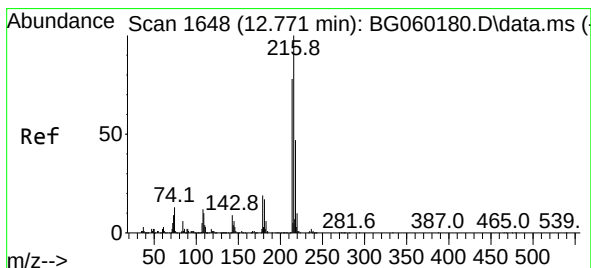
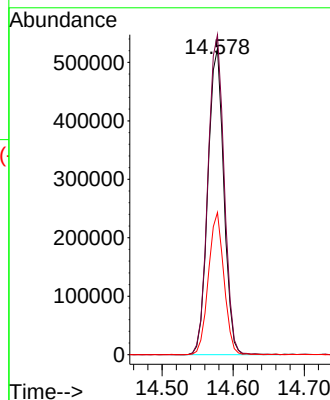
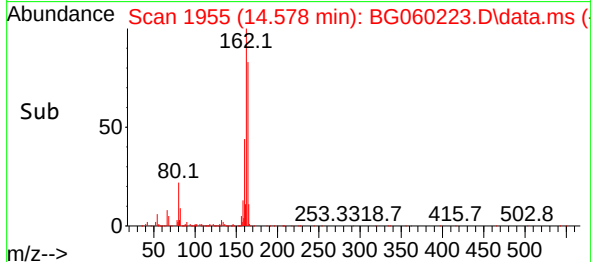
Tgt Ion:	164	Resp:	81613
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.9	125.9
160	46.4	34.2	51.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.048 ng

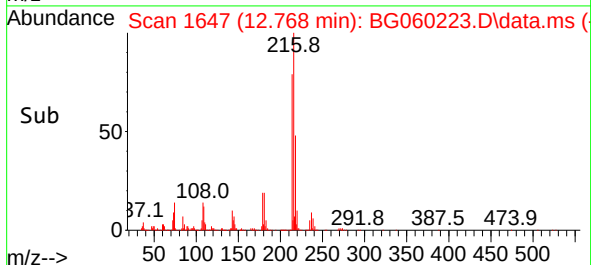
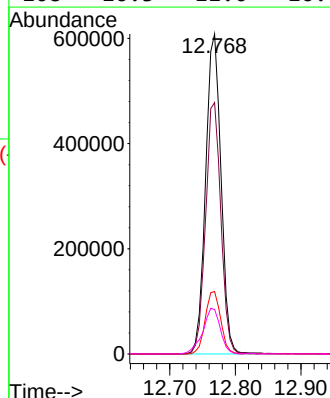
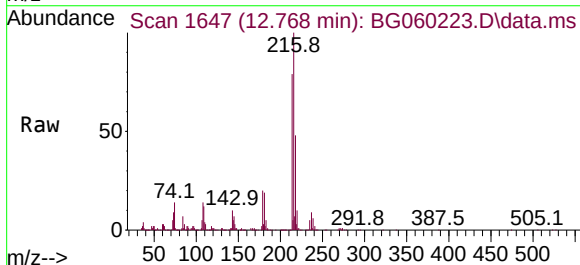
RT: 12.768 min Scan# 1647

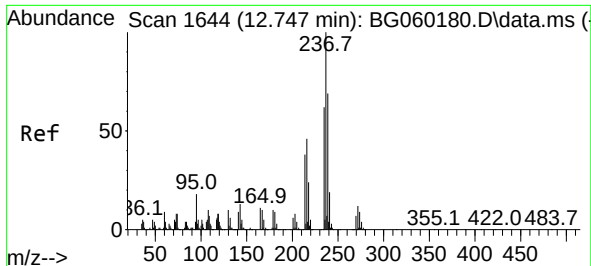
Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

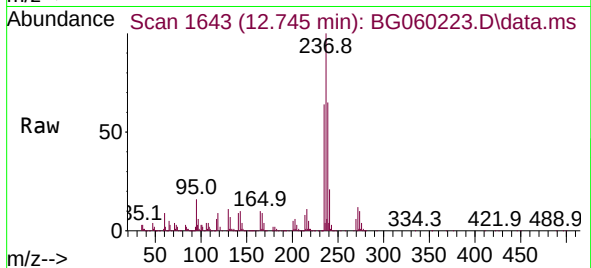
Tgt Ion:	216	Resp:	994664
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.4	95.0
179	19.6	15.2	22.8
108	16.3	11.0	16.4





#41
Hexachlorocyclopentadiene
Concen: 120.451 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

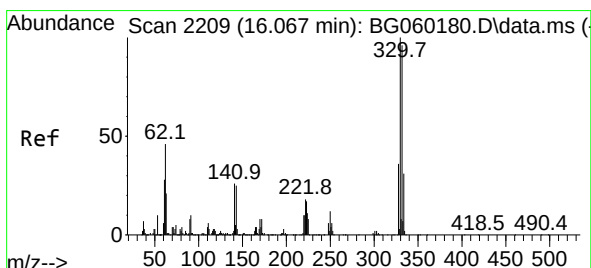
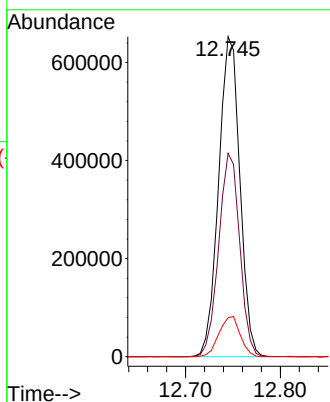
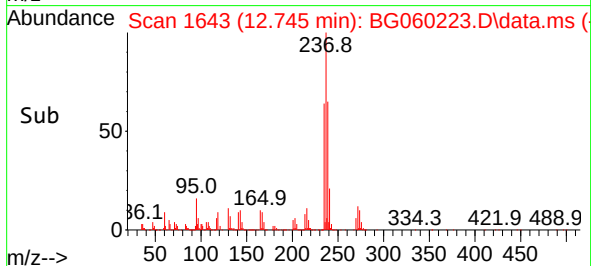
Instrument :
BNA_G
ClientSampleId :
PB158053BS



Tgt Ion:237 Resp: 101780
Ion Ratio Lower Upper
237 100
235 63.5 42.2 82.2
272 12.2 0.0 32.0

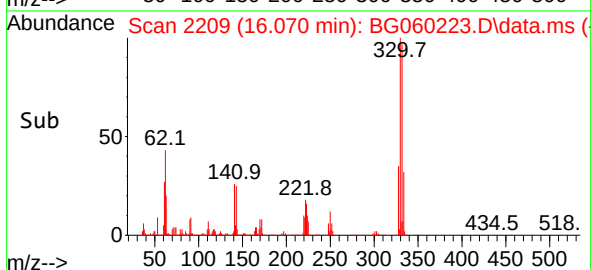
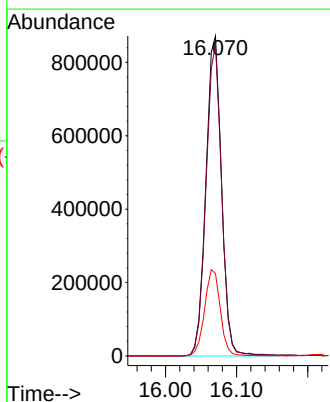
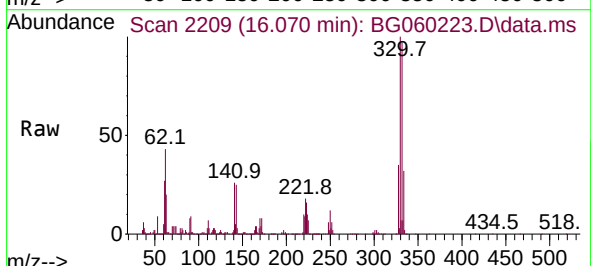
Manual Integrations
APPROVED

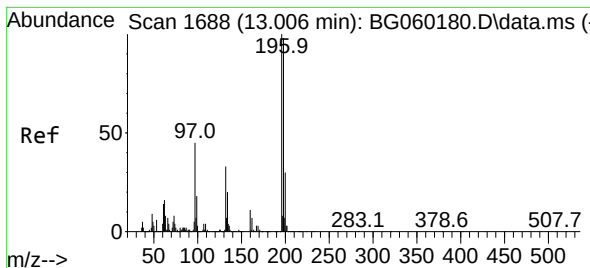
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#42
2,4,6-Tribromophenol
Concen: 122.474 ng
RT: 16.070 min Scan# 2209
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:330 Resp: 1338010
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 27.2 21.0 31.4





#43

2,4,6-Trichlorophenol

Concen: 42.190 ng

RT: 13.003 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS

Tgt Ion:196 Resp: 724798

Ion Ratio Lower Upper

196 100

198 92.9 78.3 117.5

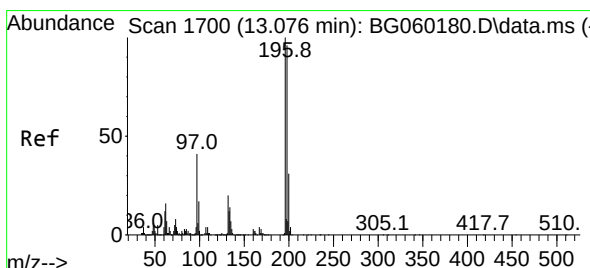
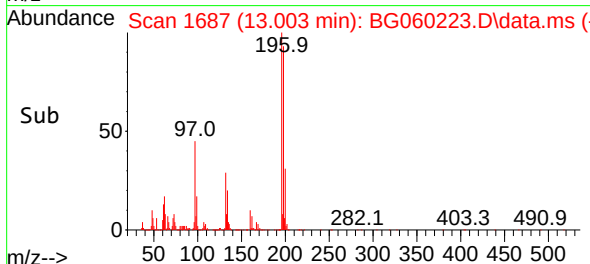
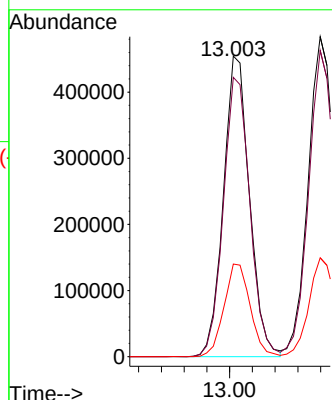
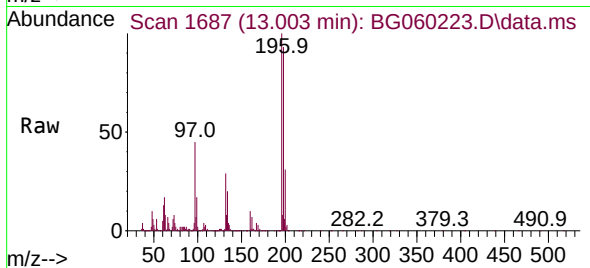
200 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#44

2,4,5-Trichlorophenol

Concen: 42.368 ng

RT: 13.080 min Scan# 1700

Delta R.T. 0.003 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

Tgt Ion:196 Resp: 814228

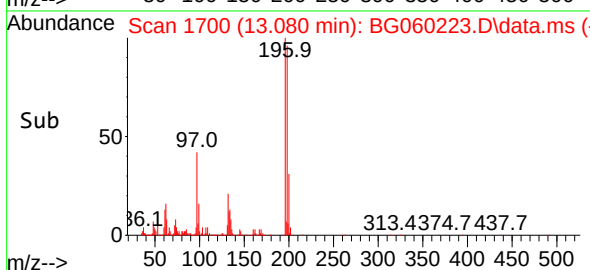
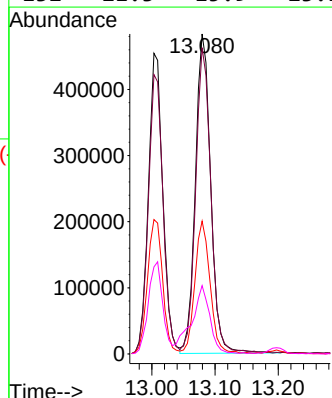
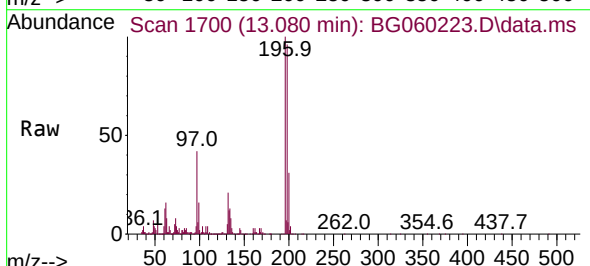
Ion Ratio Lower Upper

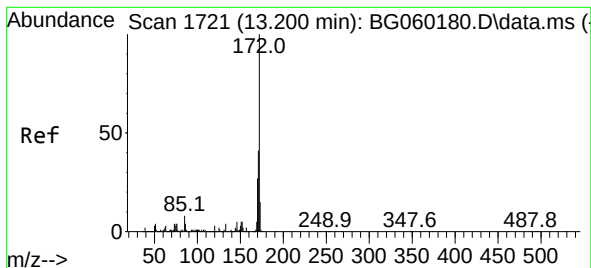
196 100

198 95.7 76.6 115.0

97 41.5 32.9 49.3

132 21.3 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 71.760 ng
RT: 13.197 min Scan# 1720
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

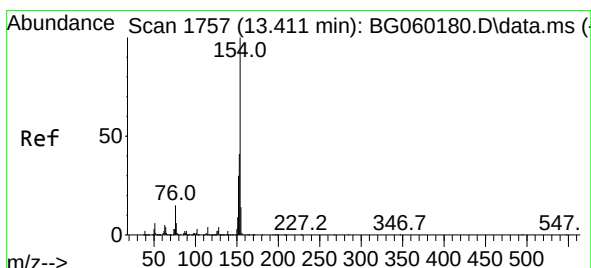
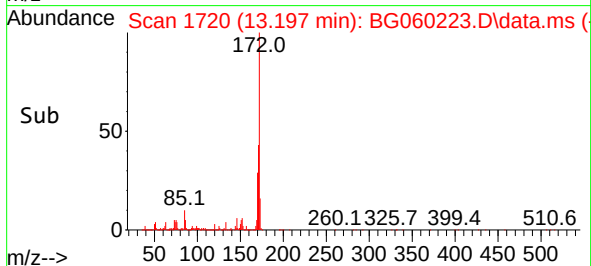
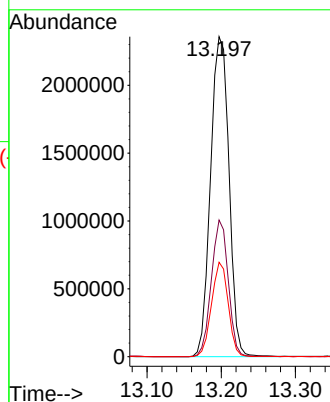
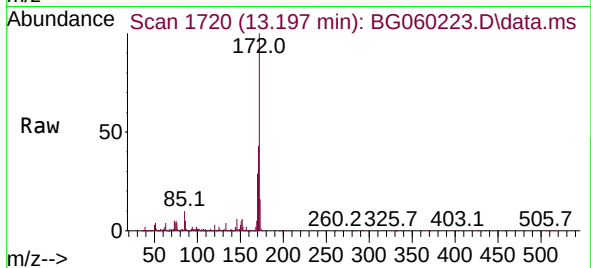
PB158053BS

Tgt Ion:172 Resp: 407495
Ion Ratio Lower Upper
172 100
171 42.7 32.6 48.8
170 29.5 21.8 32.6

Manual Integrations

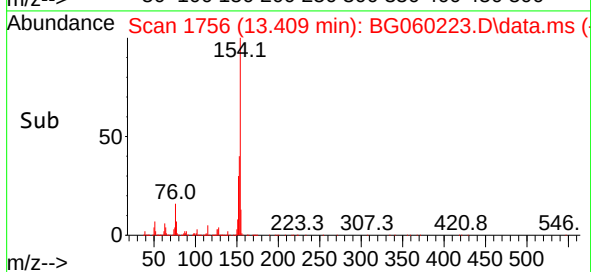
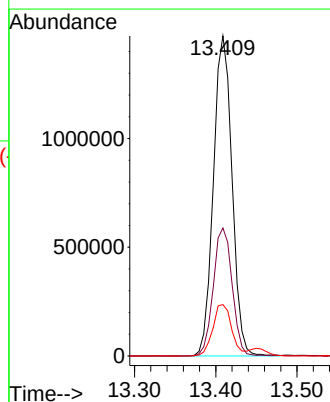
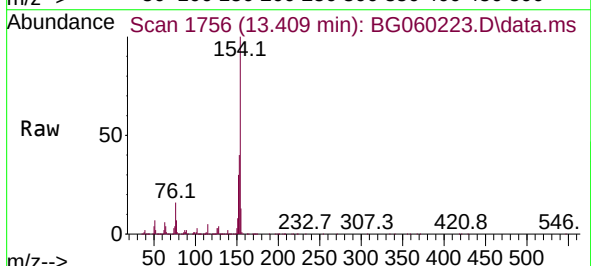
APPROVED

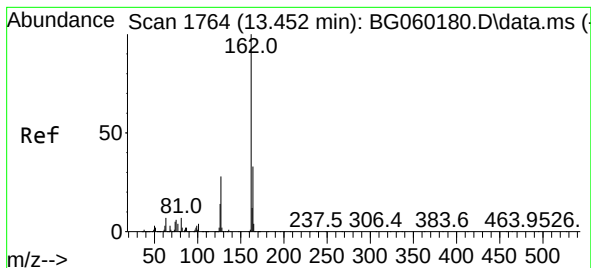
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#46
1,1'-Biphenyl
Concen: 39.036 ng
RT: 13.409 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:154 Resp: 2343985
Ion Ratio Lower Upper
154 100
153 40.0 20.9 60.9
76 16.1 0.0 35.4





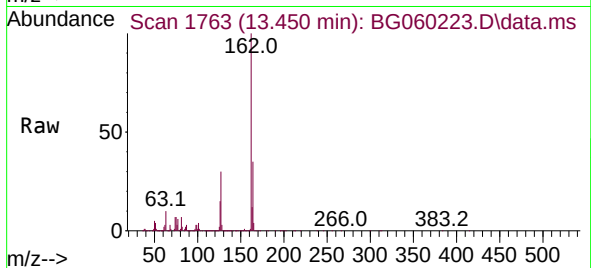
#47
2-Chloronaphthalene
Concen: 37.631 ng
RT: 13.450 min Scan# 1764
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

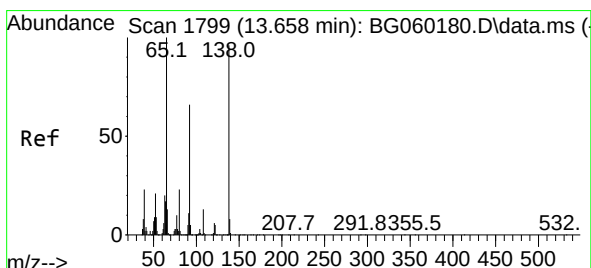
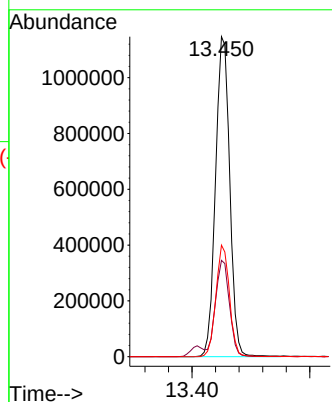
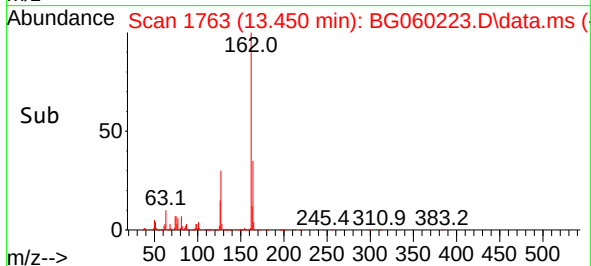
PB158053BS



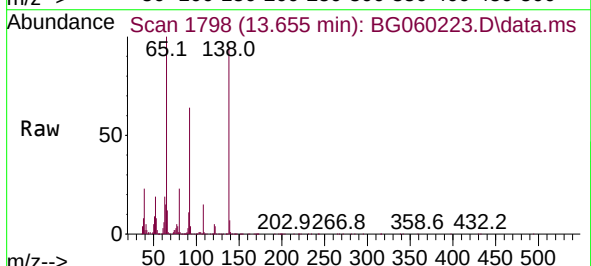
Tgt Ion:162 Resp: 192513
Ion Ratio Lower Upper
162 100
127 30.1 23.0 34.6
164 34.8 26.7 40.1

Manual Integrations
APPROVED

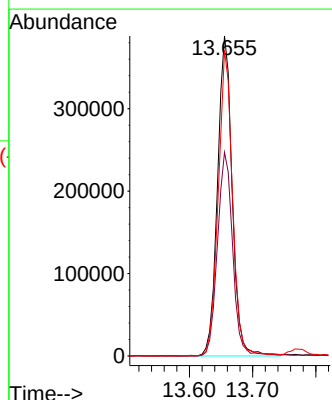
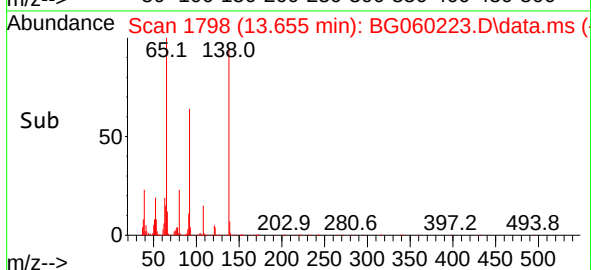
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

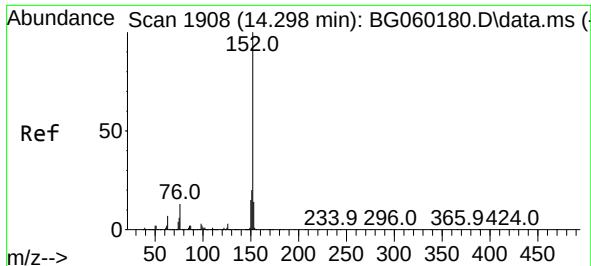


#48
2-Nitroaniline
Concen: 46.741 ng
RT: 13.655 min Scan# 1798
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion: 65 Resp: 624899
Ion Ratio Lower Upper
65 100
92 63.7 52.9 79.3
138 95.5 76.4 114.6





#49
Acenaphthylene
Concen: 40.517 ng
RT: 14.296 min Scan# 1908
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

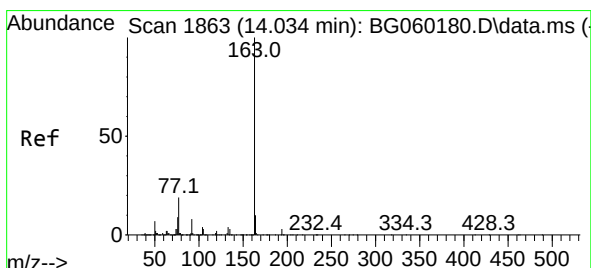
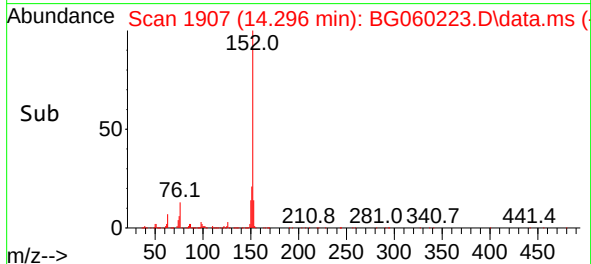
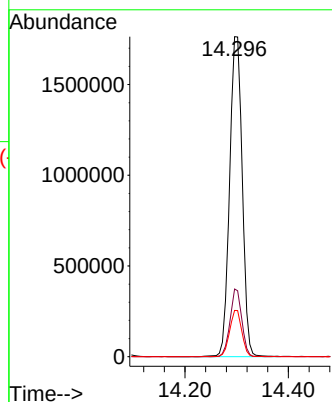
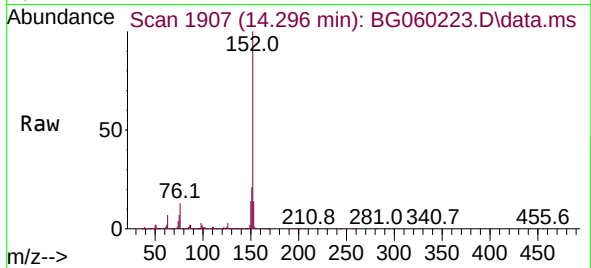
PB158053BS

Tgt Ion:152 Resp: 2986510
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 14.5 11.0 16.6

Manual Integrations

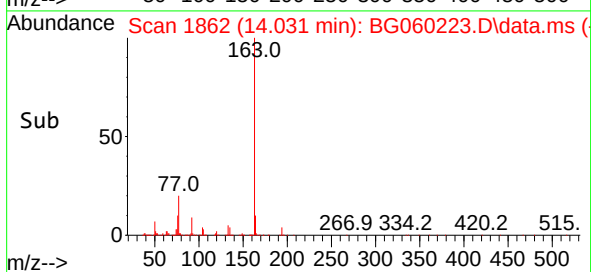
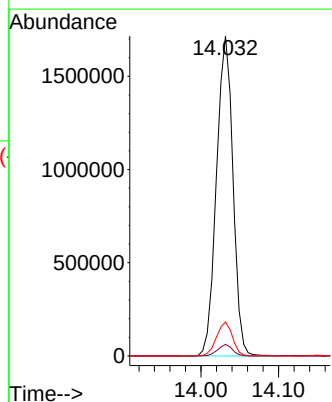
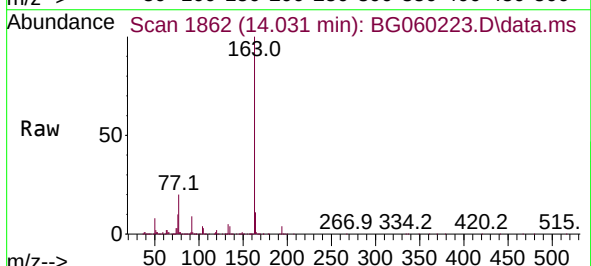
APPROVED

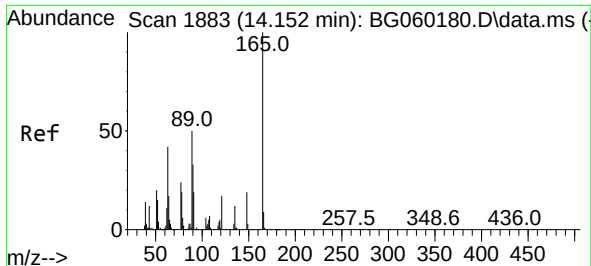
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#50
Dimethylphthalate
Concen: 40.237 ng
RT: 14.031 min Scan# 1862
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

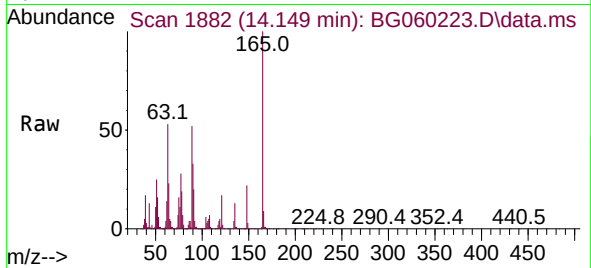
Tgt Ion:163 Resp: 2535443
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.929 ng
RT: 14.149 min Scan# 1883
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

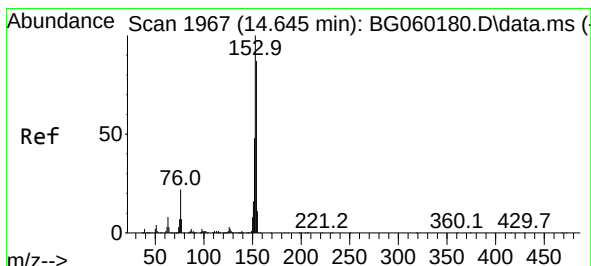
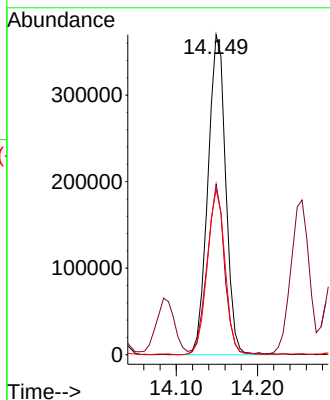
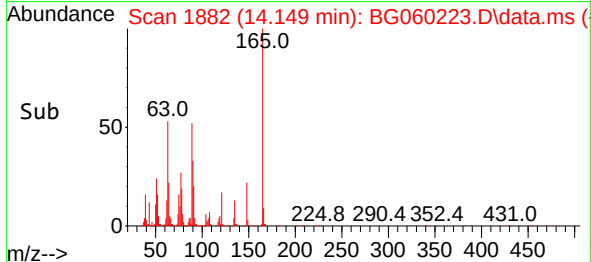
Instrument :
BNA_G
ClientSampleId :
PB158053BS



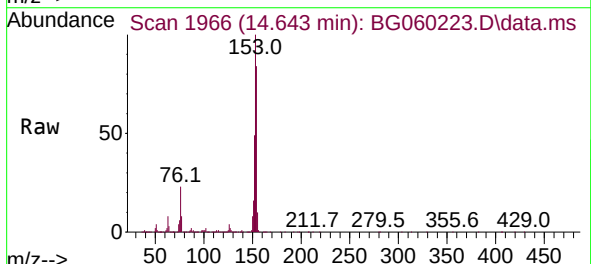
Tgt Ion:165 Resp: 562639
Ion Ratio Lower Upper
165 100
63 53.3 39.3 58.9
89 51.7 39.8 59.8

Manual Integrations
APPROVED

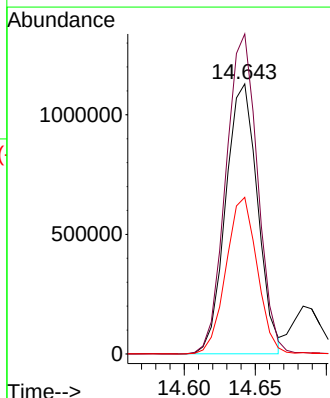
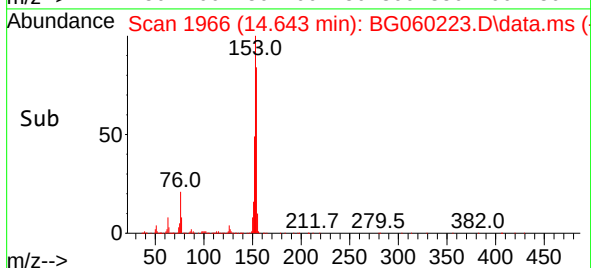
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

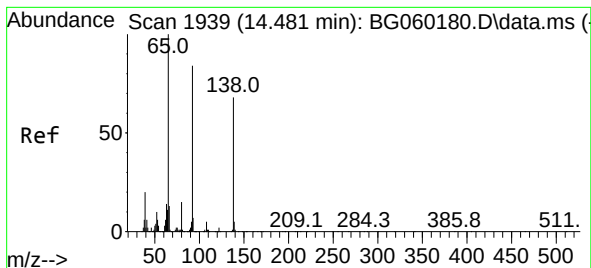


#52
Acenaphthene
Concen: 38.381 ng
RT: 14.643 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



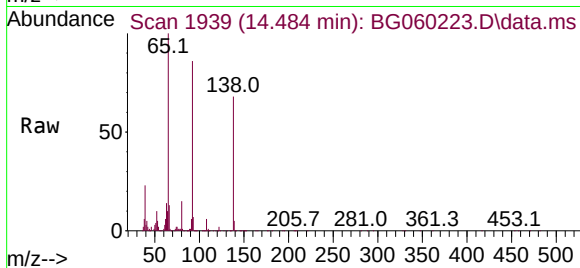
Tgt Ion:154 Resp: 1765389
Ion Ratio Lower Upper
154 100
153 118.5 91.5 137.3
152 58.0 43.8 65.8





#53
3-Nitroaniline
Concen: 32.101 ng
RT: 14.484 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

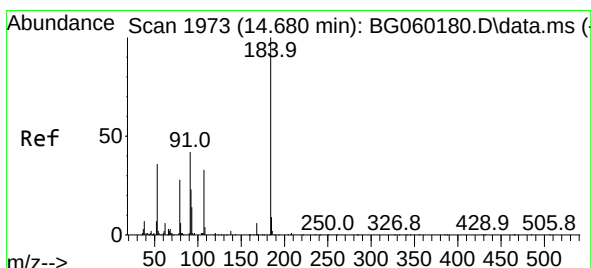
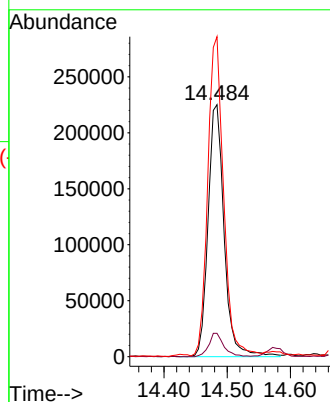
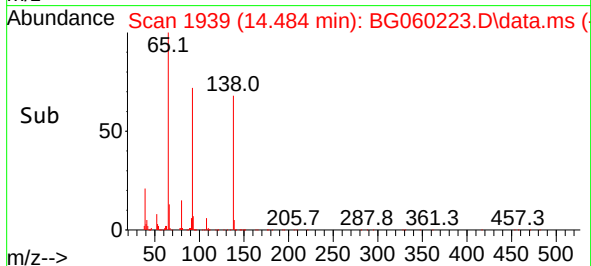
Instrument :
BNA_G
ClientSampleId :
PB158053BS



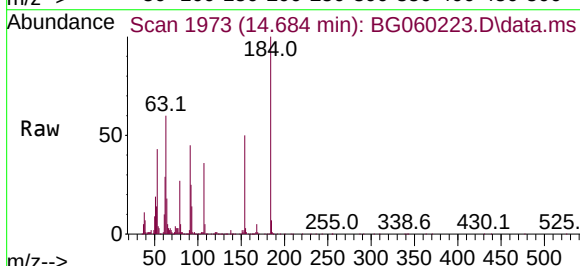
Tgt Ion:138 Resp: 39643
Ion Ratio Lower Upper
138 100
108 9.3 6.2 9.4
92 127.0 98.5 147.7

Manual Integrations
APPROVED

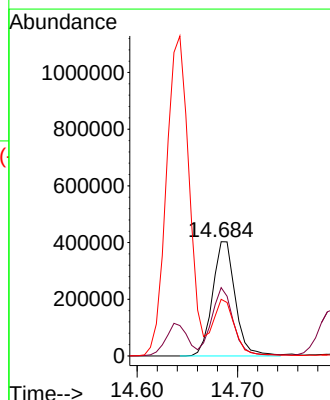
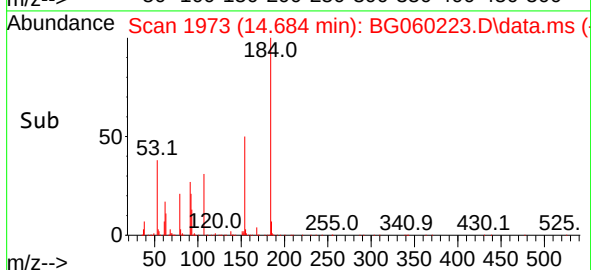
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

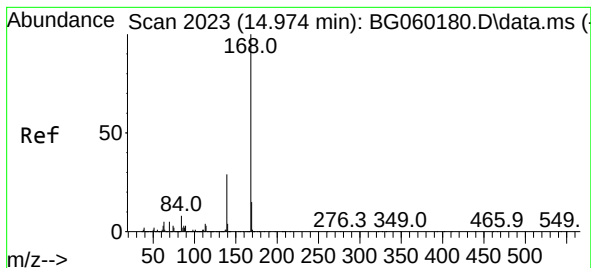


#54
2,4-Dinitrophenol
Concen: 82.742 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.004 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



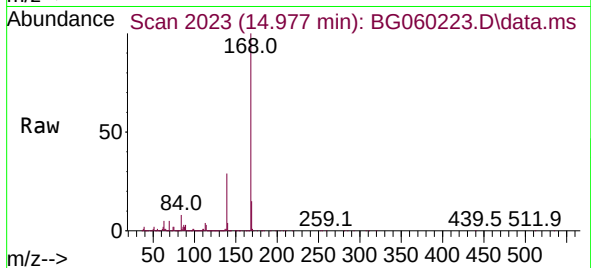
Tgt Ion:184 Resp: 633915
Ion Ratio Lower Upper
184 100
63 59.7 45.4 68.2
154 49.6 40.0 60.0





#55
Dibenzenofuran
Concen: 39.415 ng
RT: 14.977 min Scan# 20
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

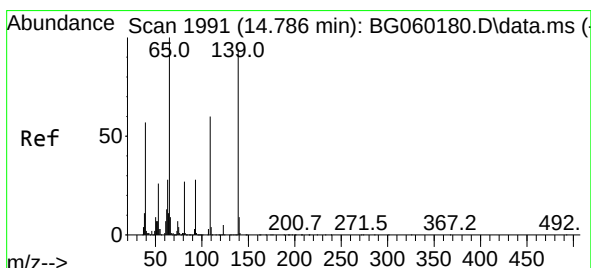
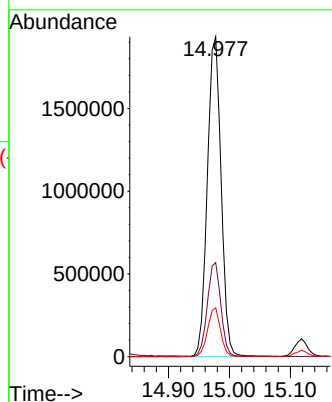
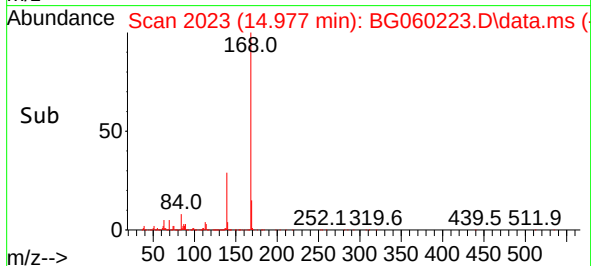
Instrument :
BNA_G
ClientSampleId :
PB158053BS



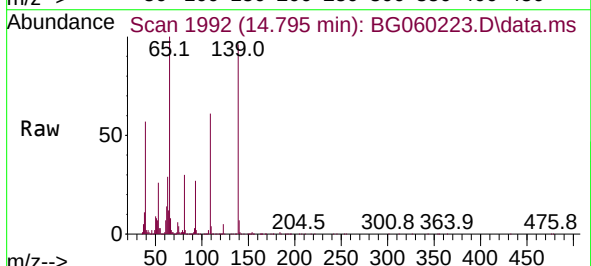
Tgt Ion:168 Resp: 3036839
Ion Ratio Lower Upper
168 100
139 29.4 23.1 34.7
169 15.3 11.9 17.9

Manual Integrations
APPROVED

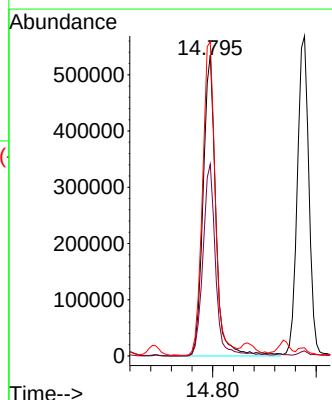
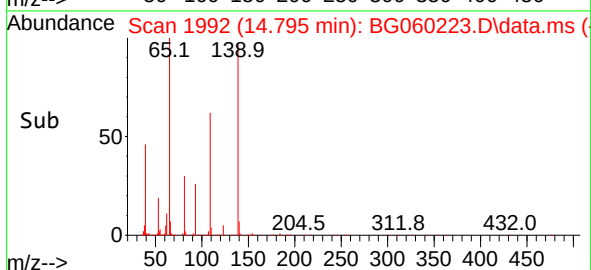
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

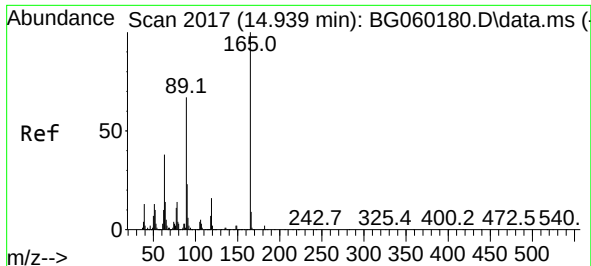


#56
4-Nitrophenol
Concen: 97.647 ng
RT: 14.795 min Scan# 1992
Delta R.T. 0.009 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion:139 Resp: 911528
Ion Ratio Lower Upper
139 100
109 63.7 44.4 84.4
65 104.4 87.4 127.4





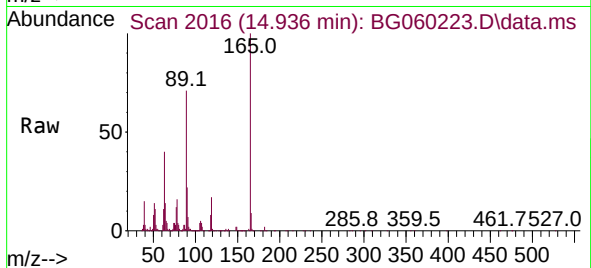
#57
2,4-Dinitrotoluene
Concen: 44.176 ng
RT: 14.936 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



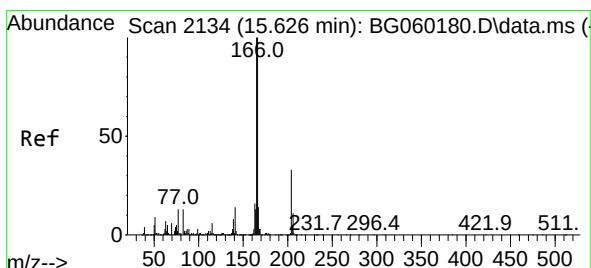
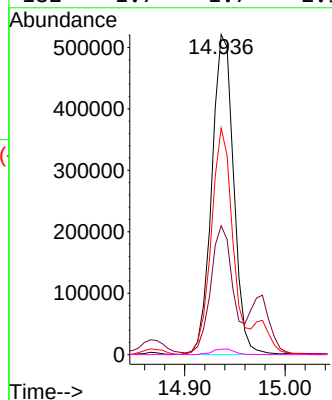
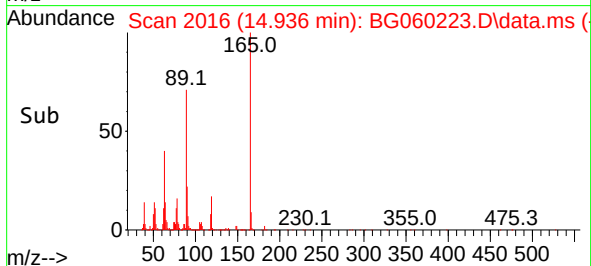
Tgt Ion:165 Resp: 787279
Ion Ratio Lower Upper
165 100
63 40.3 31.0 46.6
89 70.9 53.3 79.9
182 1.7 1.7 2.5

Manual Integrations

APPROVED

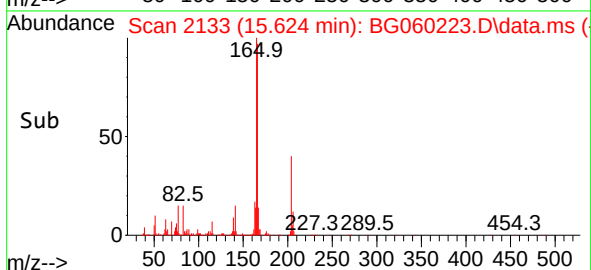
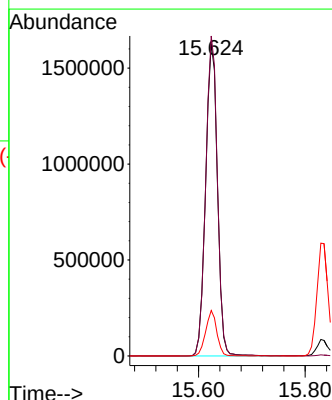
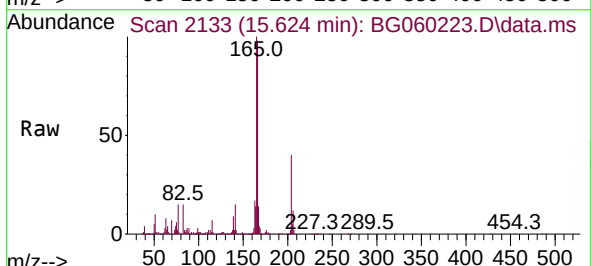
Reviewed By :Yogesh Patel 01/04/2024

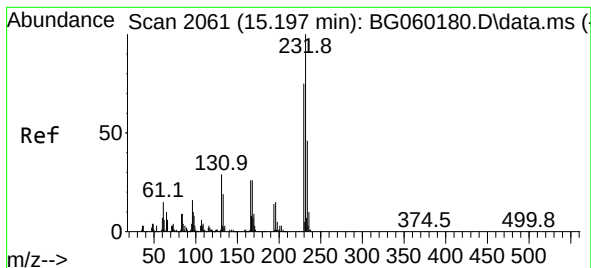
Supervised By :mohammad ahmed 01/04/2024



#58
Fluorene
Concen: 39.514 ng
RT: 15.624 min Scan# 2133
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:166 Resp: 2496946
Ion Ratio Lower Upper
166 100
165 102.5 80.4 120.6
167 14.5 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.180 ng
RT: 15.201 min Scan# 2061
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

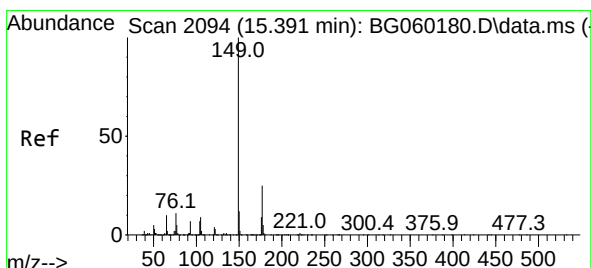
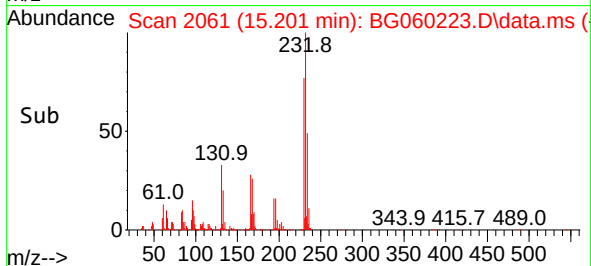
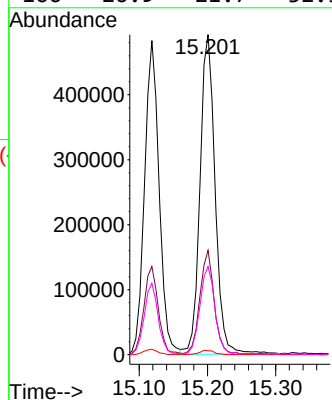
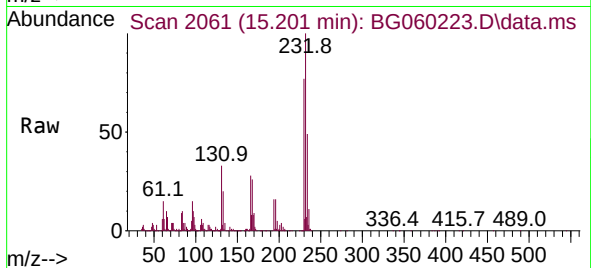
PB158053BS

Tgt Ion:232 Resp: 75680
Ion Ratio Lower Upper
232 100
131 30.7 23.8 35.6
130 1.4 1.2 1.8
166 26.9 21.7 32.5

Manual Integrations

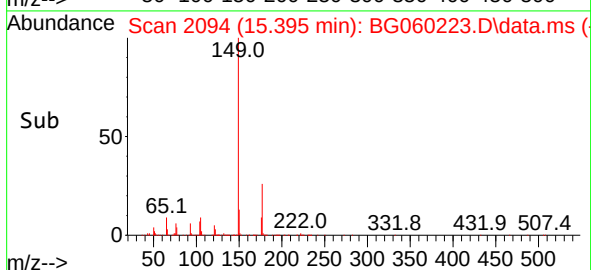
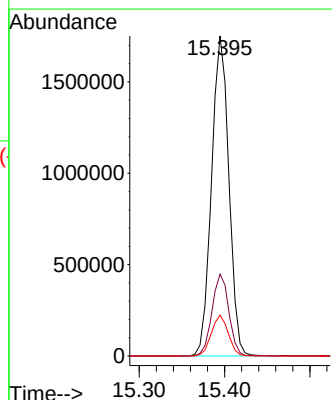
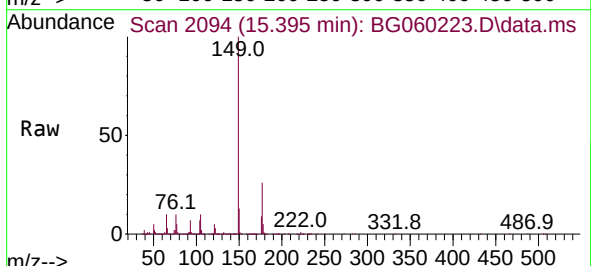
APPROVED

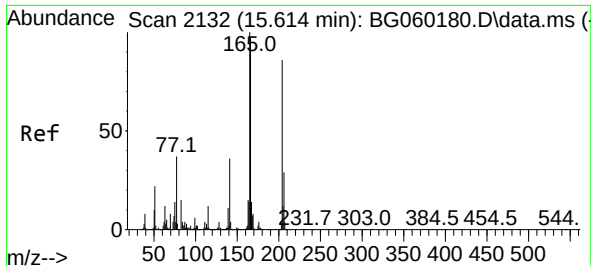
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#60
Diethylphthalate
Concen: 41.239 ng
RT: 15.395 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

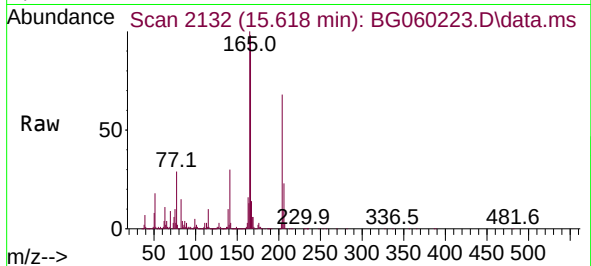
Tgt Ion:149 Resp: 2478063
Ion Ratio Lower Upper
149 100
177 25.6 20.2 30.2
150 12.8 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 38.893 ng
RT: 15.618 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

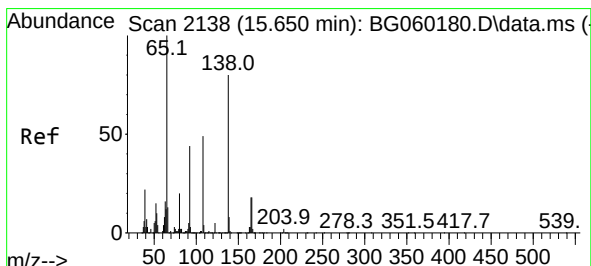
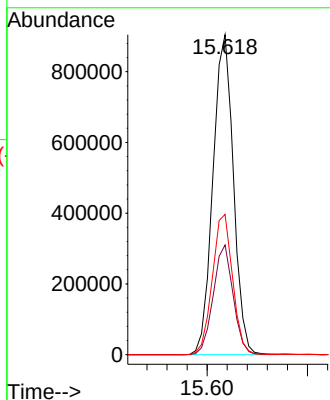
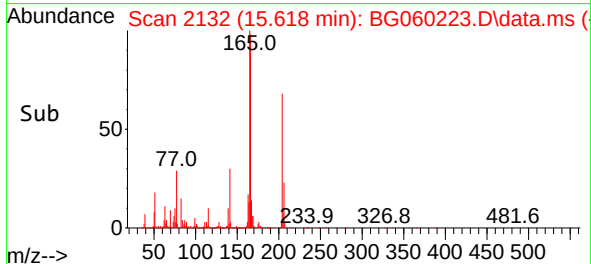
Instrument :
BNA_G
ClientSampleId :
PB158053BS



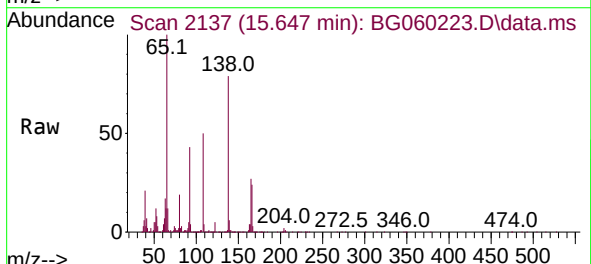
Tgt Ion:204 Resp: 127975
Ion Ratio Lower Upper
204 100
206 34.3 26.9 40.3
141 43.9 33.2 49.8

Manual Integrations
APPROVED

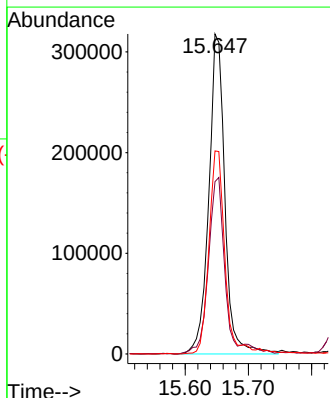
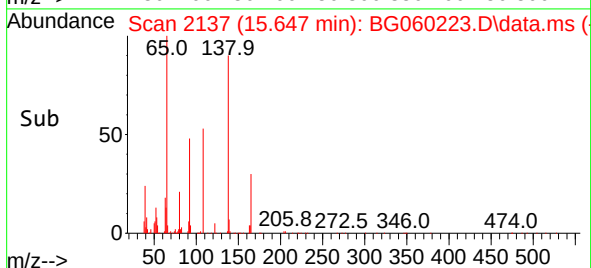
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

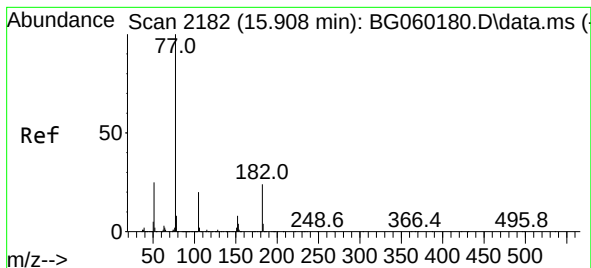


#62
4-Nitroaniline
Concen: 43.206 ng
RT: 15.647 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



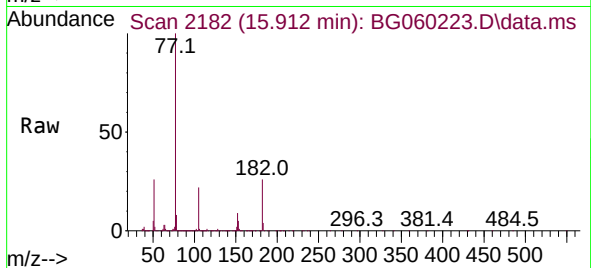
Tgt Ion:138 Resp: 562377
Ion Ratio Lower Upper
138 100
92 53.9 35.1 75.1
108 63.5 40.9 80.9





#63
Azobenzene
Concen: 40.625 ng
RT: 15.912 min Scan# 2182
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

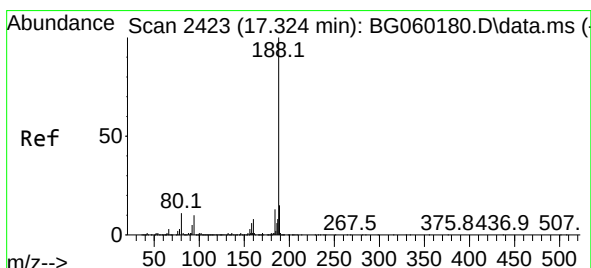
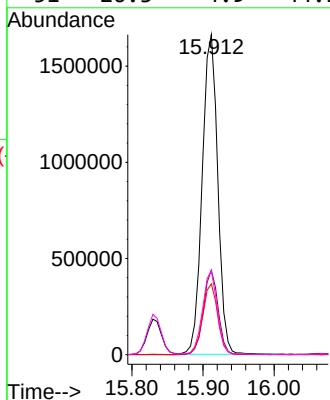
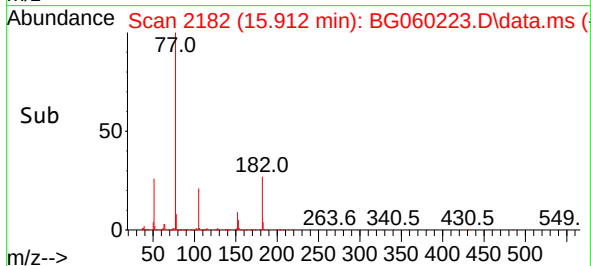
Instrument :
BNA_G
ClientSampleId :
PB158053BS



Tgt Ion: 77 Resp: 2530884
Ion Ratio Lower Upper
77 100
182 26.5 4.3 44.3
105 22.1 0.3 40.3
51 26.3 4.9 44.9

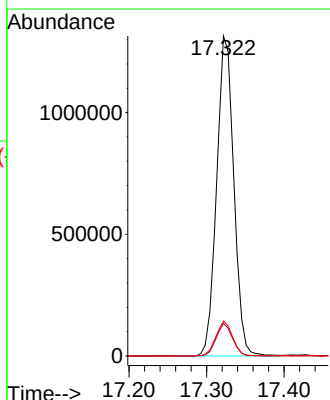
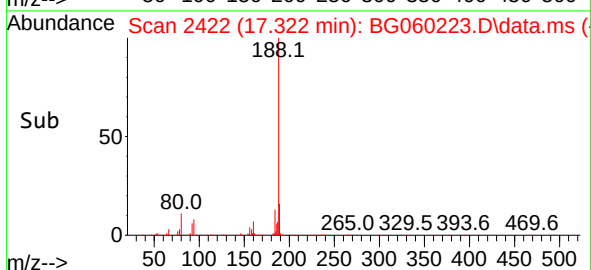
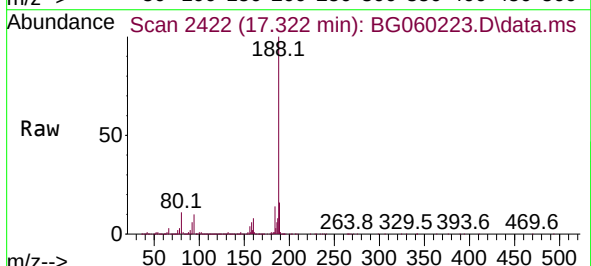
Manual Integrations
APPROVED

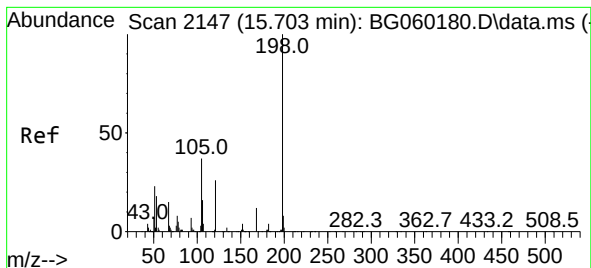
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:188 Resp: 2026054
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.9 8.6 13.0





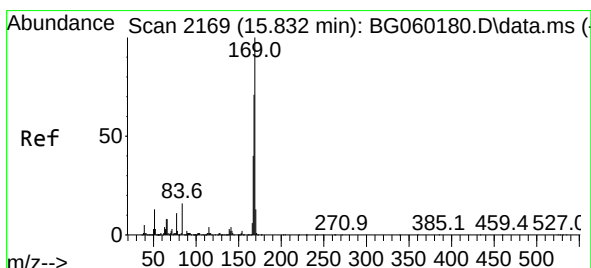
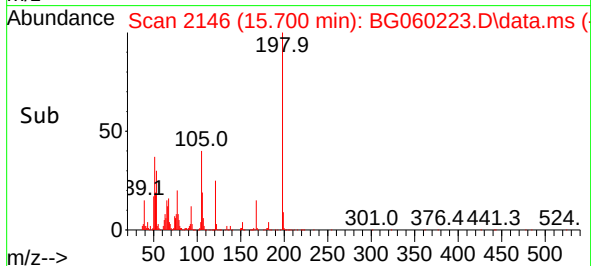
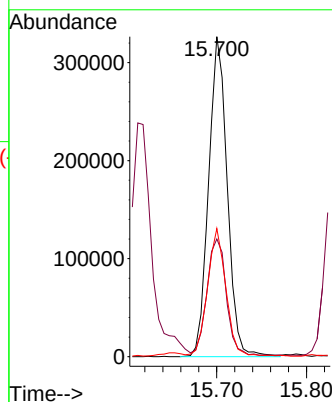
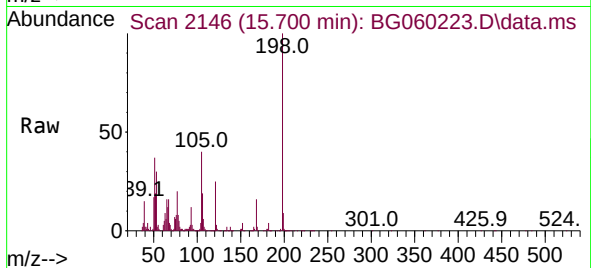
#65
4,6-Dinitro-2-methylphenol
Concen: 46.473 ng
RT: 15.700 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :
BNA_G
ClientSampleId :
PB158053BS

Tgt Ion:198 Resp: 471138
Ion Ratio Lower Upper
198 100
51 36.8 14.8 54.8
105 40.1 17.5 57.5

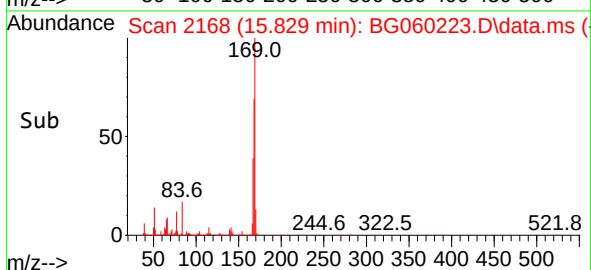
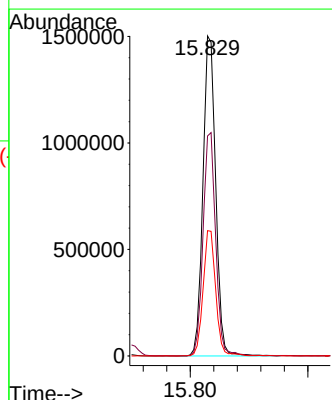
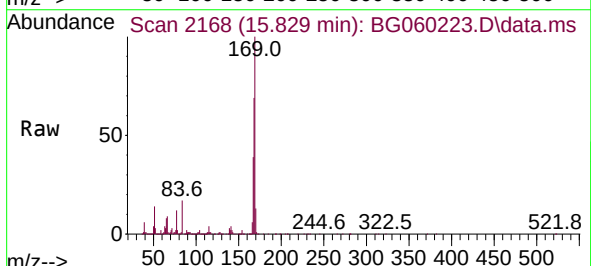
Manual Integrations
APPROVED

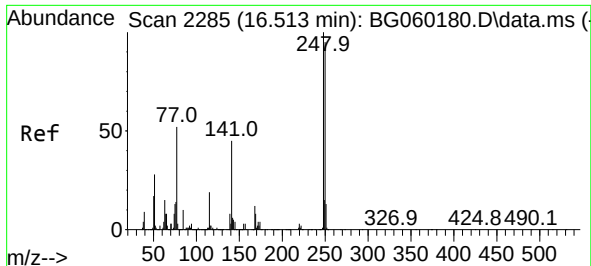
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#66
n-Nitrosodiphenylamine
Concen: 41.340 ng
RT: 15.829 min Scan# 2168
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

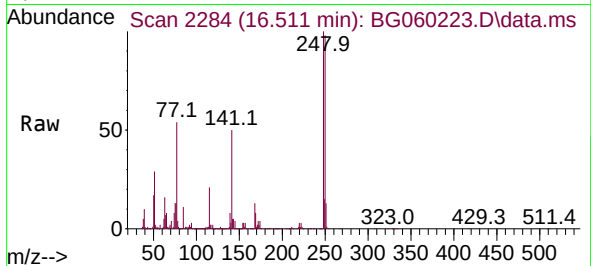
Tgt Ion:169 Resp: 2256995
Ion Ratio Lower Upper
169 100
168 68.8 56.6 84.8
167 39.1 32.1 48.1





#67
4-Bromophenyl-phenylether
Concen: 38.694 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

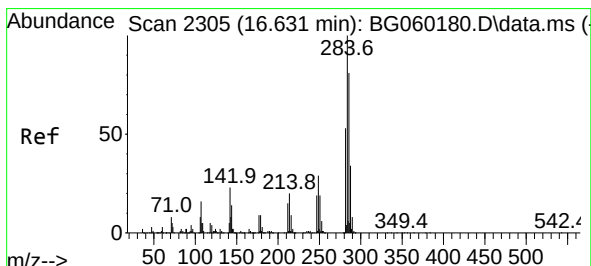
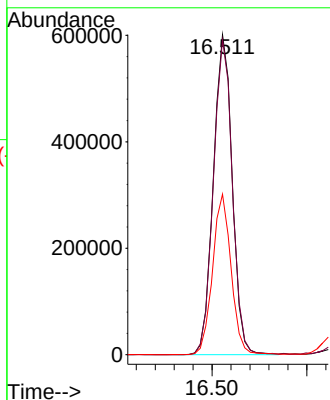
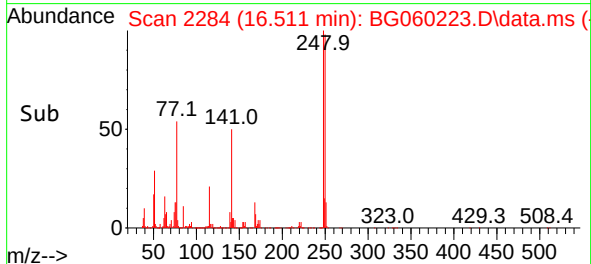
Instrument :
BNA_G
ClientSampleId :
PB158053BS



Tgt Ion:248 Resp: 831159
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 50.1 36.0 54.0

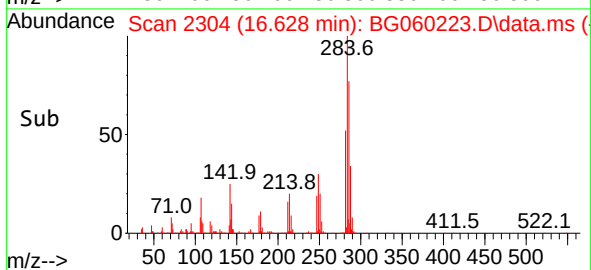
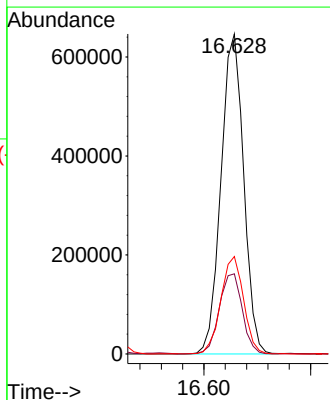
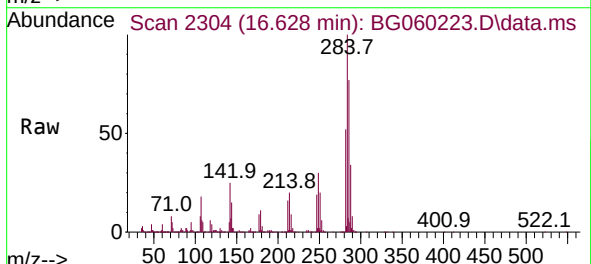
Manual Integrations
APPROVED

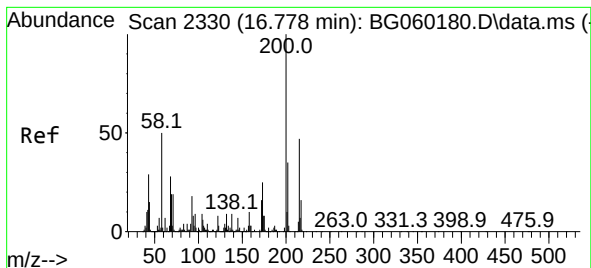
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#68
Hexachlorobenzene
Concen: 37.843 ng
RT: 16.628 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:284 Resp: 953084
Ion Ratio Lower Upper
284 100
142 25.1 18.7 28.1
249 30.4 23.5 35.3





#69

Atrazine

Concen: 63.596 ng

RT: 16.781 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS

Tgt Ion:200 Resp: 1276090

Ion Ratio Lower Upper

200 100

173 25.1 5.2 45.2

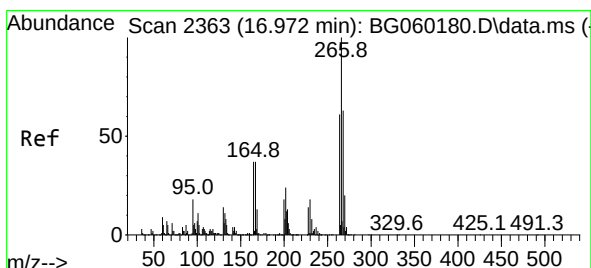
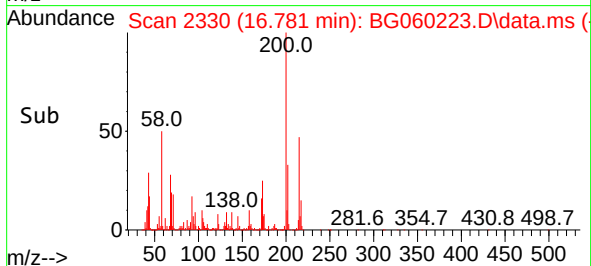
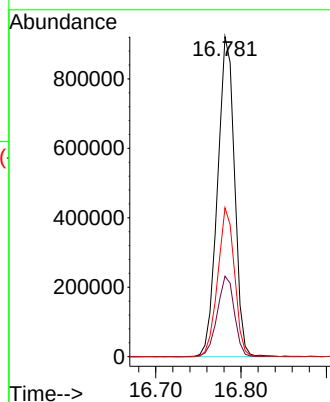
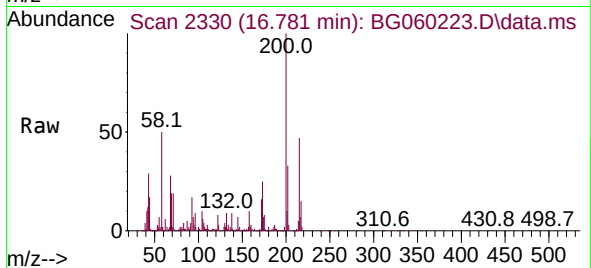
215 46.6 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#70

Pentachlorophenol

Concen: 80.711 ng

RT: 16.975 min Scan# 2363

Delta R.T. 0.003 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

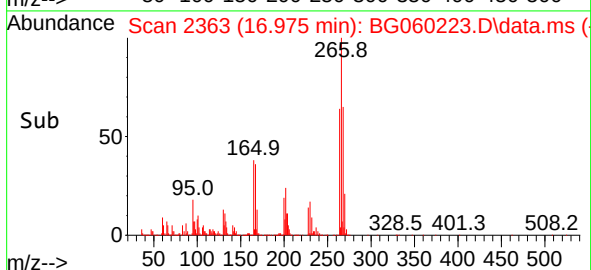
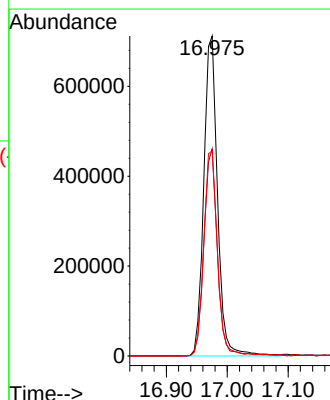
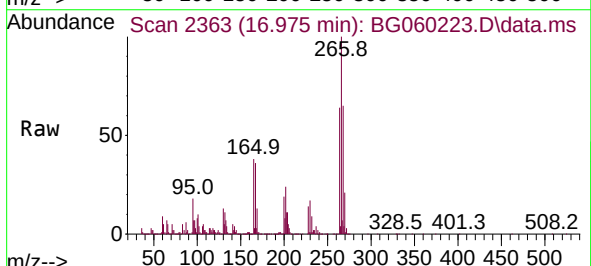
Tgt Ion:266 Resp: 1116671

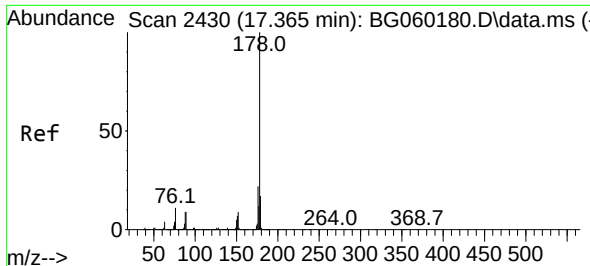
Ion Ratio Lower Upper

266 100

268 64.7 50.4 75.6

264 64.1 52.6 79.0





#71
Phenanthrene
Concen: 39.507 ng
RT: 17.369 min Scan# 2430
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

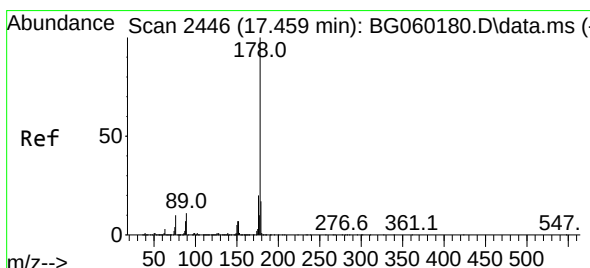
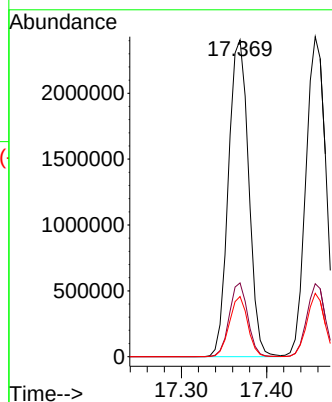
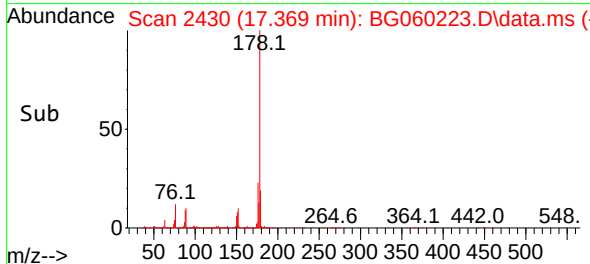
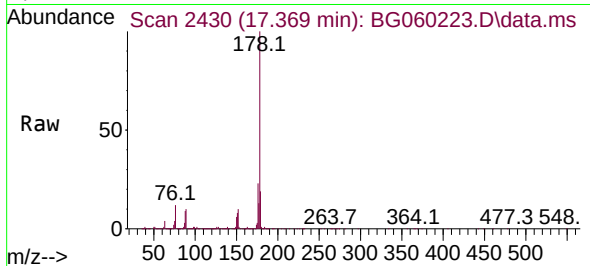
PB158053BS

Tgt Ion:178 Resp: 395644
Ion Ratio Lower Upper
178 100
176 23.3 17.5 26.3
179 19.0 13.8 20.8

Manual Integrations

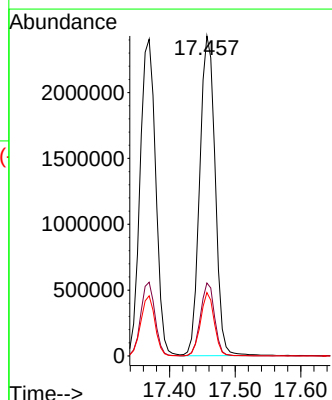
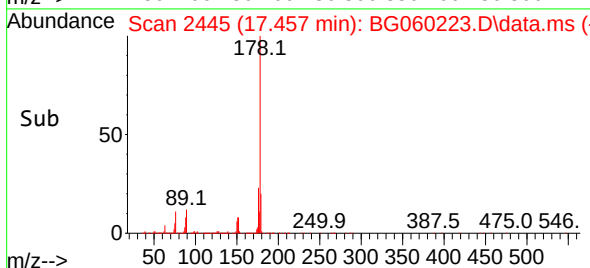
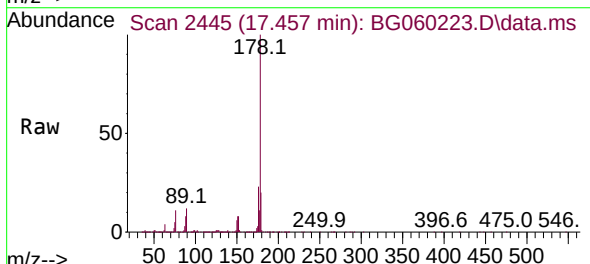
APPROVED

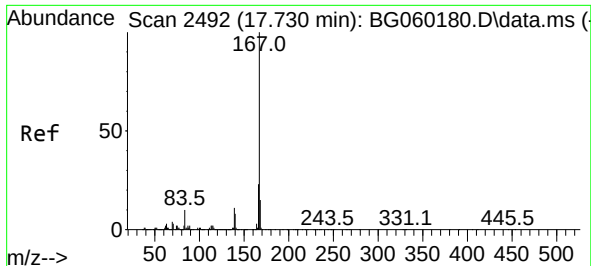
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#72
Anthracene
Concen: 39.974 ng
RT: 17.457 min Scan# 2445
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:178 Resp: 3976387
Ion Ratio Lower Upper
178 100
176 22.8 16.2 24.2
179 19.8 14.0 21.0





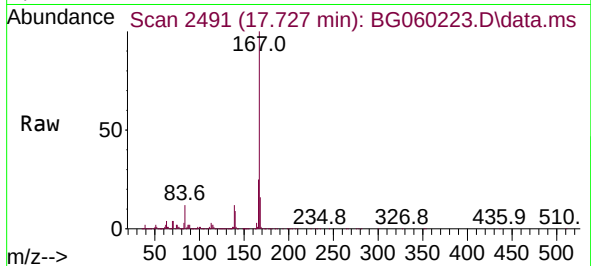
#73
 Carbazole
 Concen: 39.769 ng
 RT: 17.727 min Scan# 2491
 Delta R.T. -0.002 min
 Lab File: BG060223.D
 Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



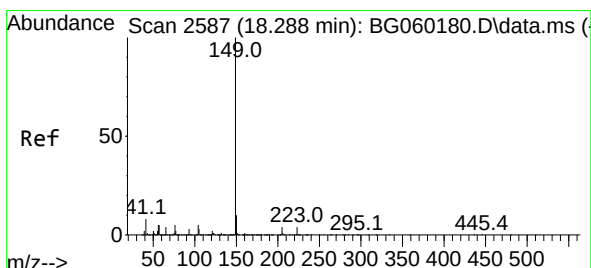
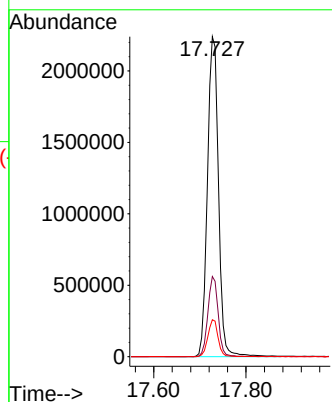
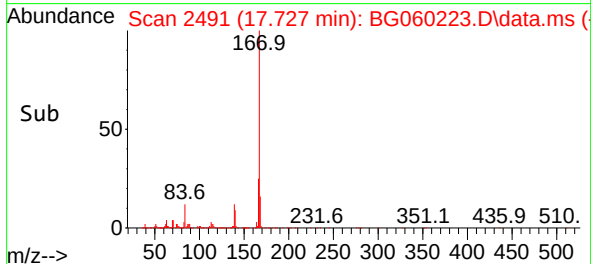
Tgt Ion:167 Resp: 3752160
 Ion Ratio Lower Upper
 167 100
 166 25.1 18.8 28.2
 139 11.5 8.8 13.2

Manual Integrations

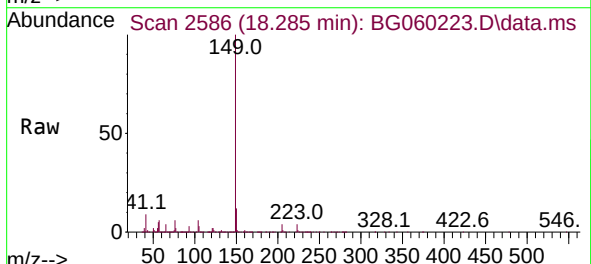
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

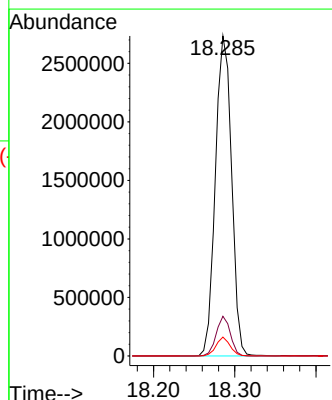
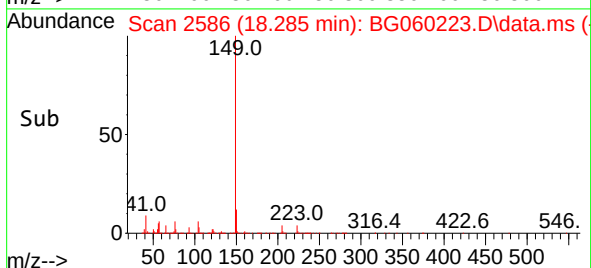
Supervised By :mohammad ahmed 01/04/2024

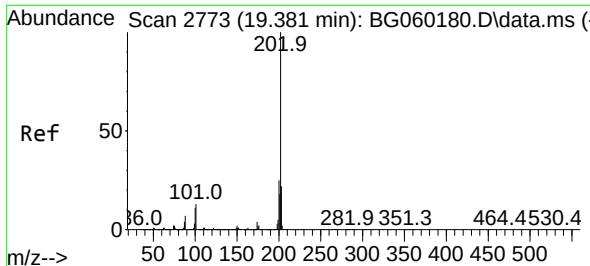


#74
 Di-n-butylphthalate
 Concen: 41.423 ng
 RT: 18.285 min Scan# 2586
 Delta R.T. -0.002 min
 Lab File: BG060223.D
 Acq: 3 Jan 2024 12:10



Tgt Ion:149 Resp: 3787395
 Ion Ratio Lower Upper
 149 100
 150 12.4 8.3 12.5
 104 5.9 4.2 6.4





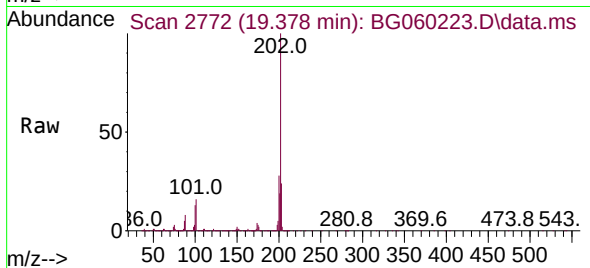
#75
Fluoranthene
Concen: 36.977 ng
RT: 19.378 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



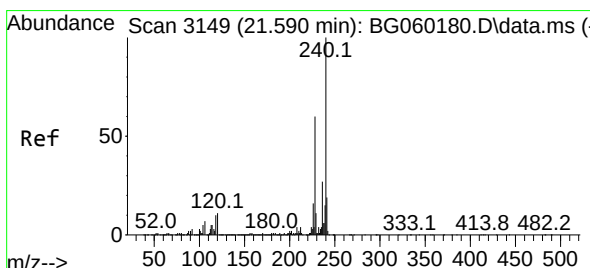
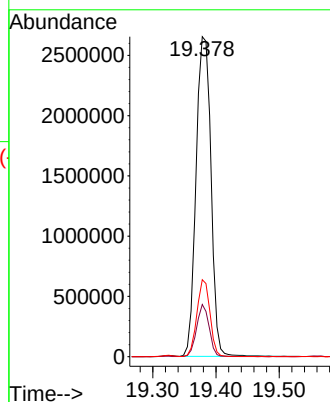
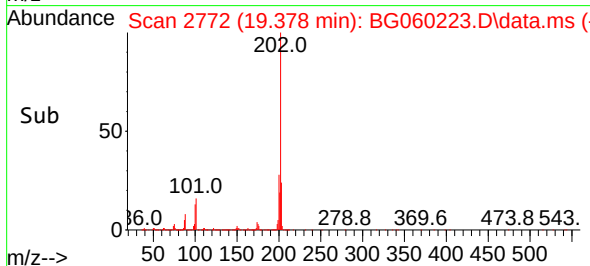
Tgt Ion:202 Resp: 4343609
Ion Ratio Lower Upper
202 100
101 16.3 0.0 32.8
203 24.0 2.0 42.0

Manual Integrations

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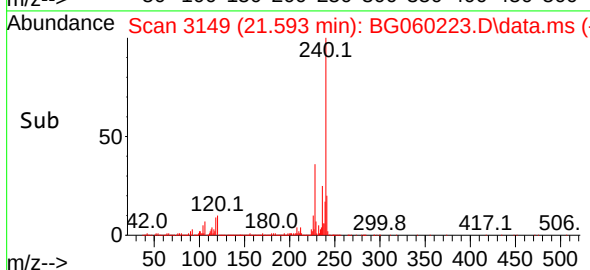
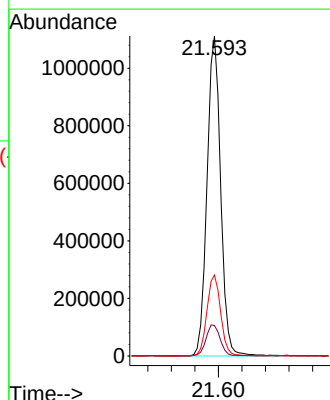
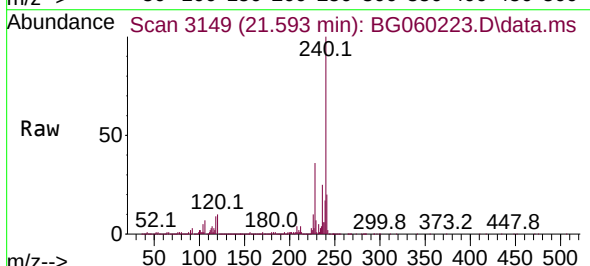
Reviewed By :Yogesh Patel 01/04/2024

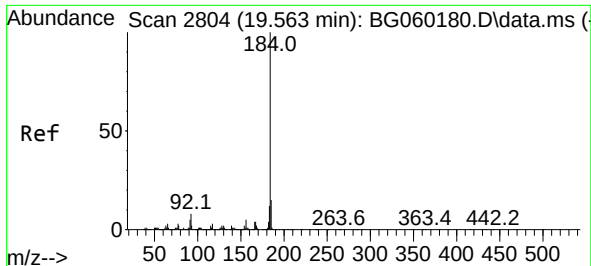
Supervised By :mohammad ahmed 01/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:240 Resp: 1783602
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 25.3 21.4 32.2





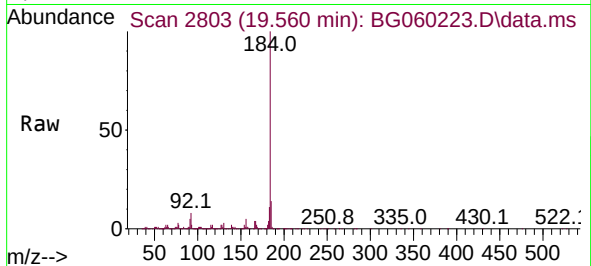
#77
Benzidine
Concen: 31.972 ng
RT: 19.560 min Scan# 2804
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



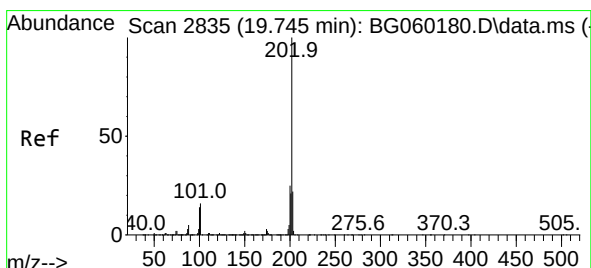
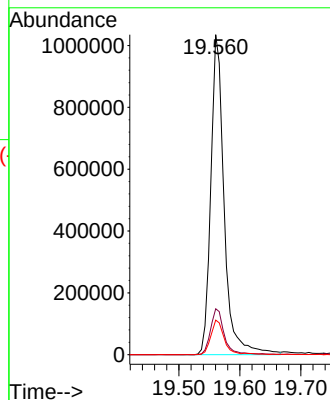
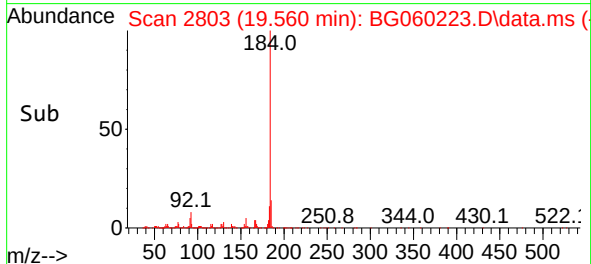
Tgt Ion:184 Resp: 1578249
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.8 9.4 14.2

Manual Integrations

APPROVED

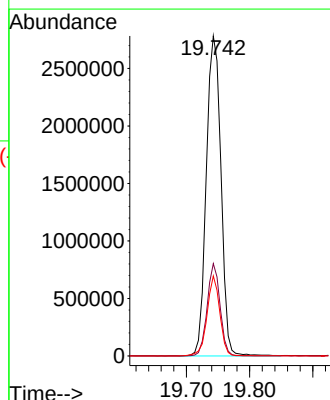
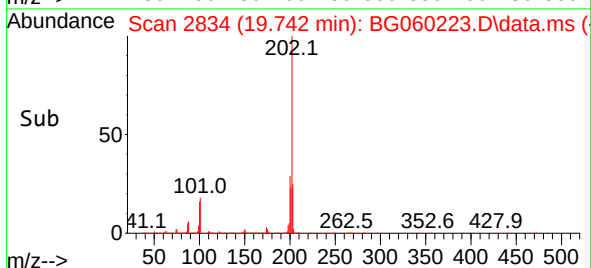
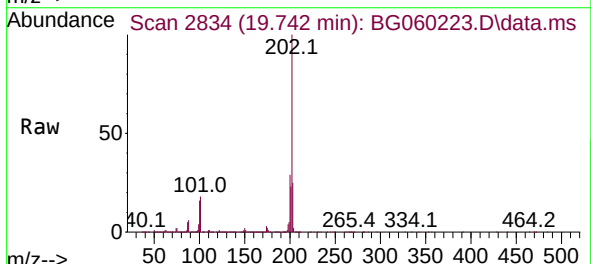
Reviewed By :Yogesh Patel 01/04/2024

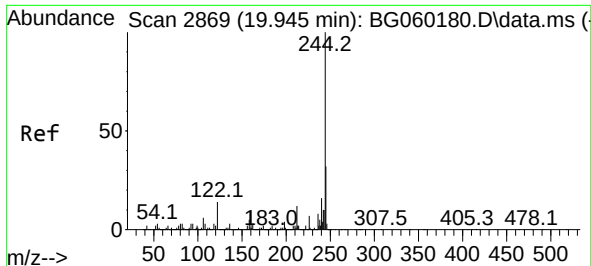
Supervised By :mohammad ahmed 01/04/2024



#78
Pyrene
Concen: 37.465 ng
RT: 19.742 min Scan# 2834
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:202 Resp: 4491943
Ion Ratio Lower Upper
202 100
200 28.9 20.3 30.5
203 25.0 17.8 26.6





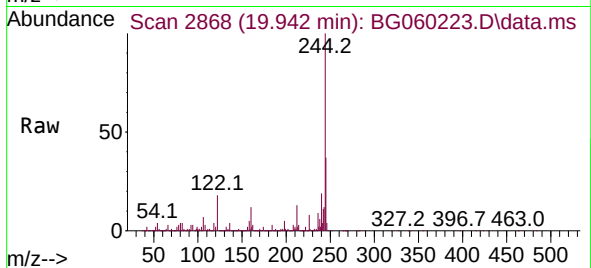
#79
Terphenyl-d14
Concen: 60.292 ng
RT: 19.942 min Scan# 2869
Delta R.T. -0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



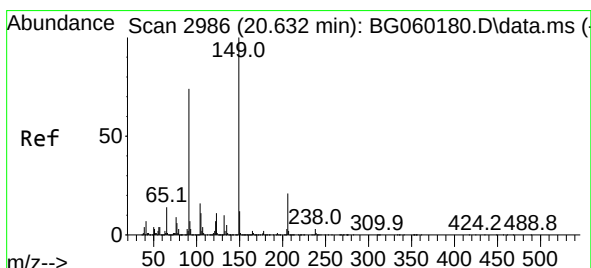
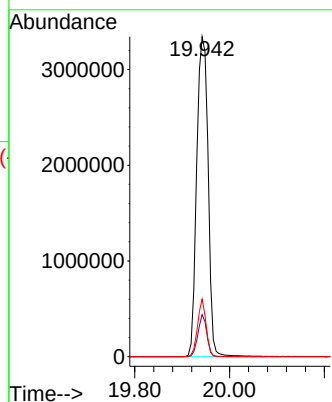
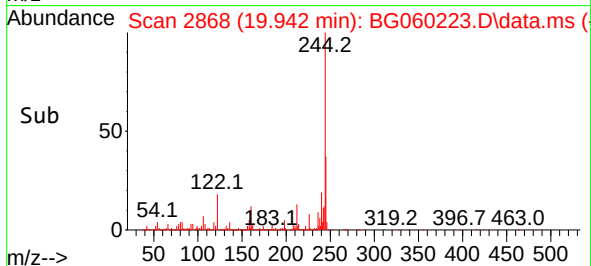
Tgt Ion:244 Resp: 559363
Ion Ratio Lower Upper
244 100
212 13.2 9.5 14.3
122 18.0 11.4 17.2

Manual Integrations

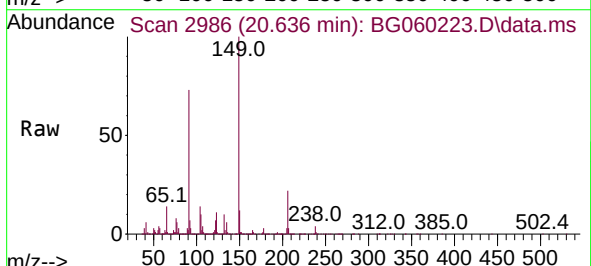
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

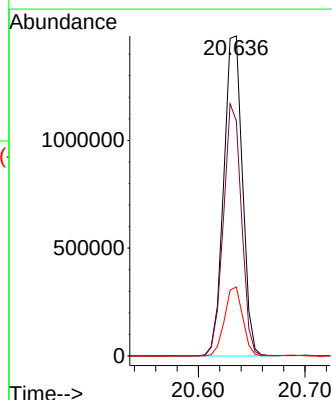
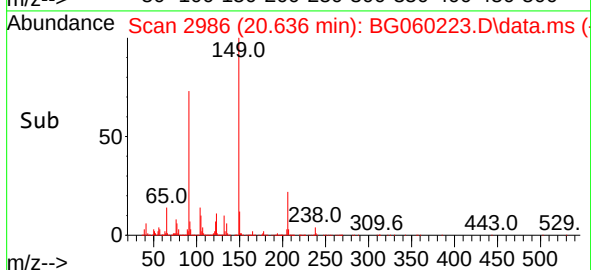
Supervised By :mohammad ahmed 01/04/2024

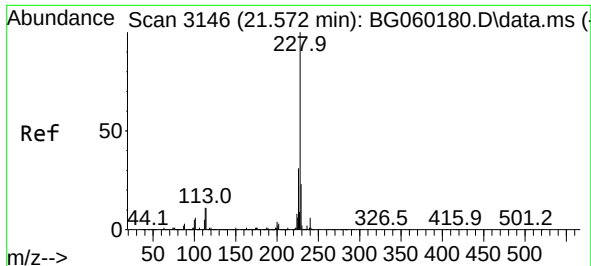


#80
Butylbenzylphthalate
Concen: 51.052 ng
RT: 20.636 min Scan# 2986
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion:149 Resp: 1804827
Ion Ratio Lower Upper
149 100
91 73.5 59.4 89.2
206 21.5 16.6 25.0





#81
Benzo(a)anthracene
Concen: 39.463 ng
RT: 21.570 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

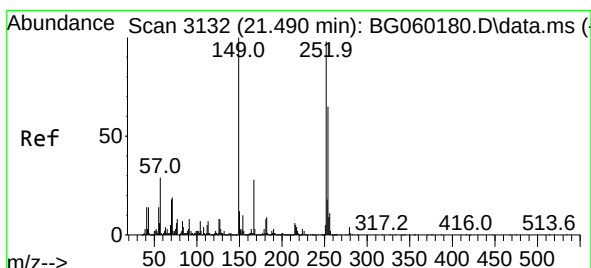
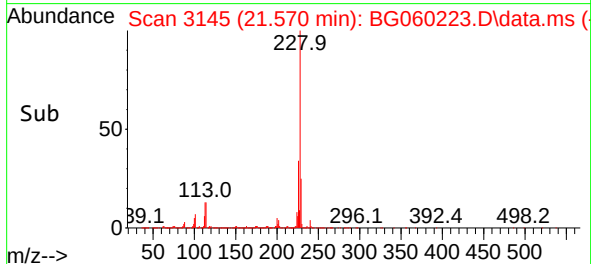
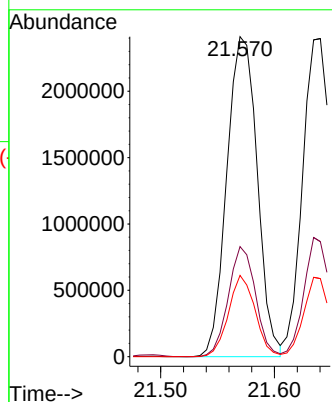
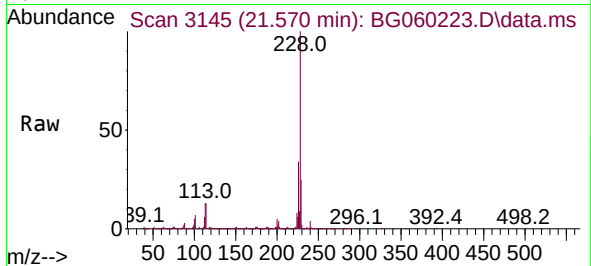
ClientSampleId :

PB158053BS

Tgt Ion:228 Resp: 447522
Ion Ratio Lower Upper
228 100
226 34.4 24.6 36.8
229 25.4 18.4 27.6

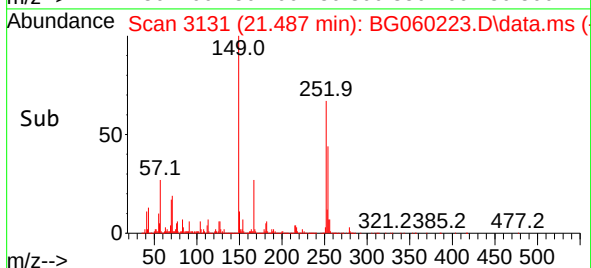
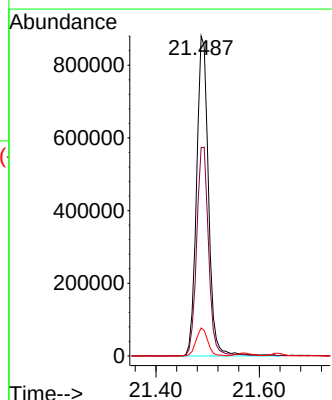
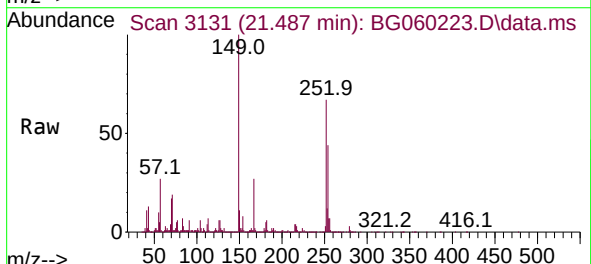
Manual Integrations
APPROVED

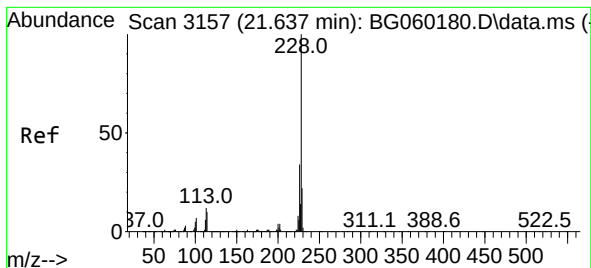
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.095 ng
RT: 21.487 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:252 Resp: 1406008
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 8.8 6.9 10.3





#83

Chrysene

Concen: 38.169 ng

RT: 21.640 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS

Tgt Ion:228 Resp: 420524

Ion Ratio Lower Upper

228 100

226 36.2 26.8 40.2

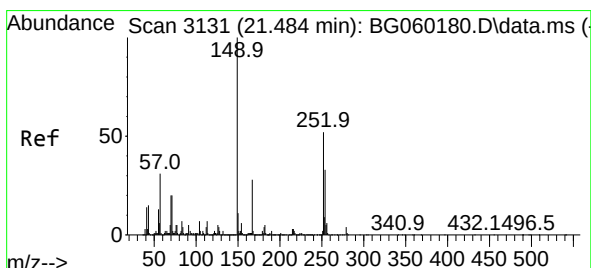
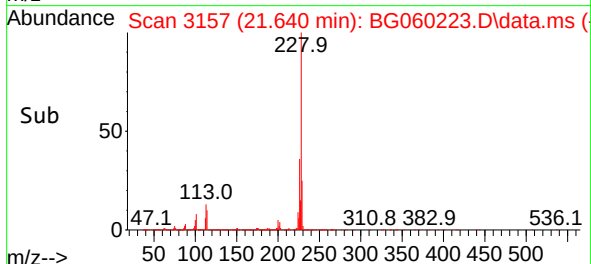
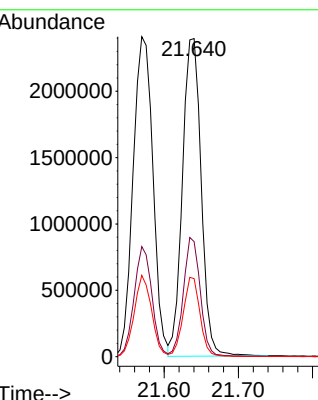
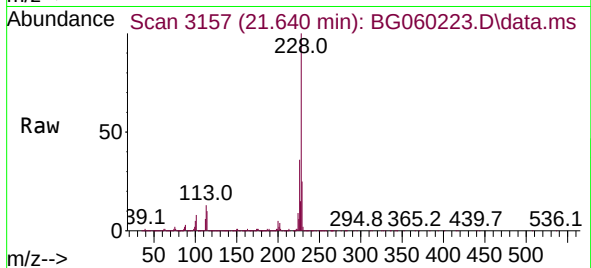
229 24.6 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.177 ng

RT: 21.482 min Scan# 3130

Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

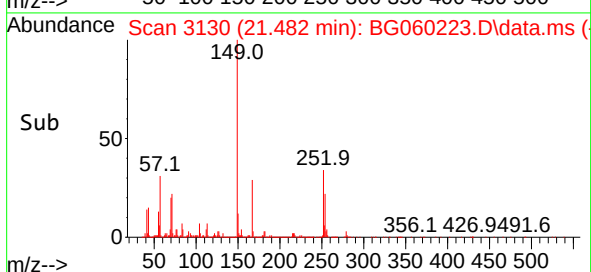
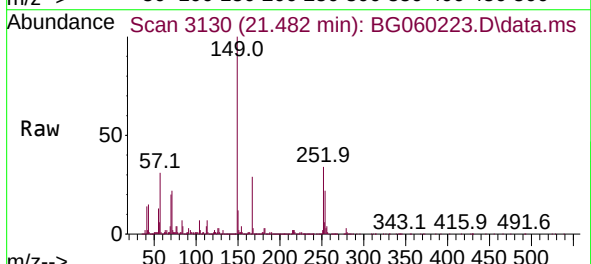
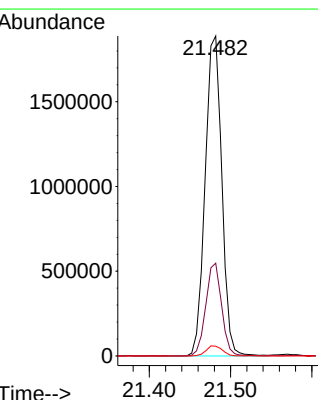
Tgt Ion:149 Resp: 2690112

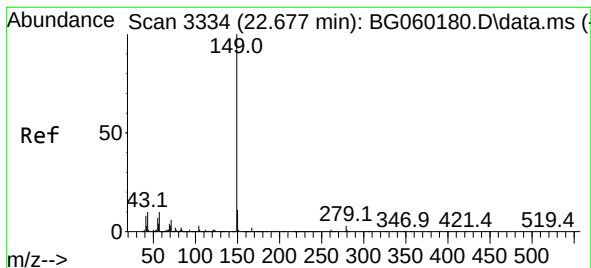
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

279 3.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 51.196 ng

RT: 22.674 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS

Tgt Ion:149 Resp: 4492870

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

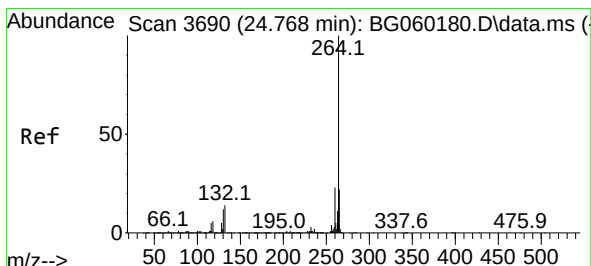
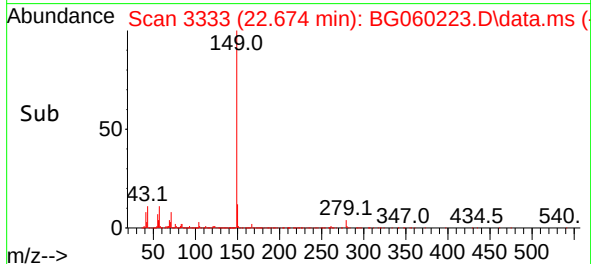
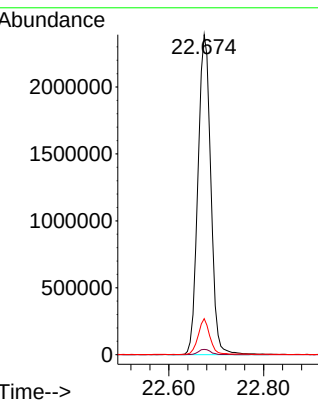
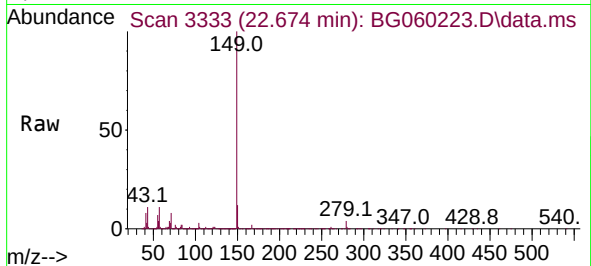
43 10.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.766 min Scan# 3689

Delta R.T. -0.002 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

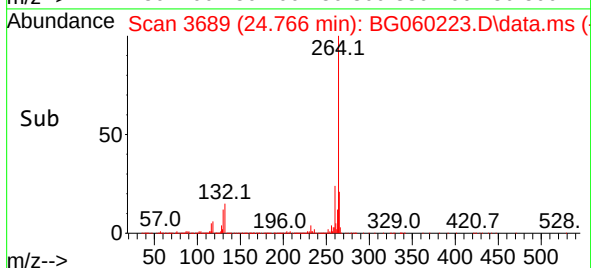
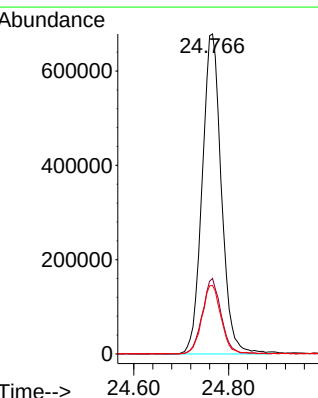
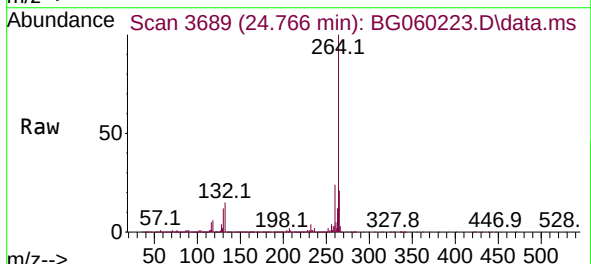
Tgt Ion:264 Resp: 1908036

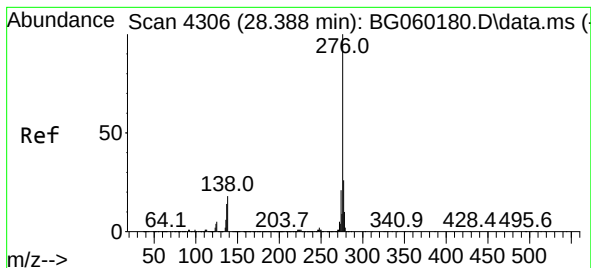
Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.952 ng

RT: 28.385 min Scan# 4306

Delta R.T. -0.002 min

Lab File: BG060223.D

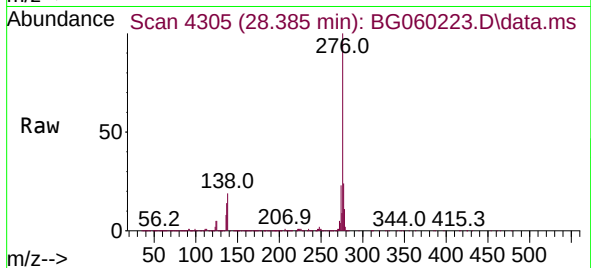
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

PB158053BS



Tgt Ion:276 Resp: 5777904

Ion Ratio Lower Upper

276 100

138 15.5 18.0 27.0

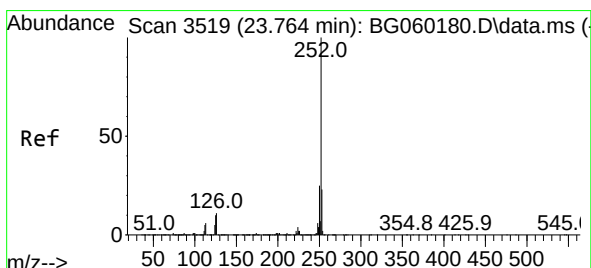
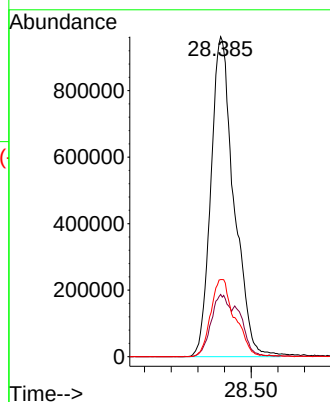
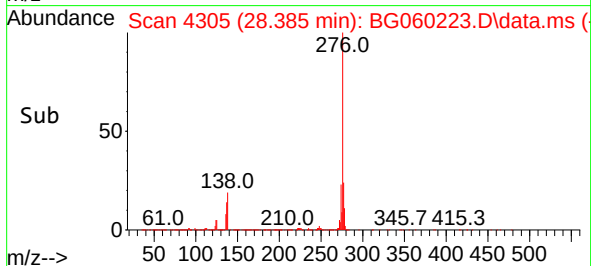
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#88

Benzo(b)fluoranthene

Concen: 41.897 ng

RT: 23.755 min Scan# 3517

Delta R.T. -0.008 min

Lab File: BG060223.D

Acq: 3 Jan 2024 12:10

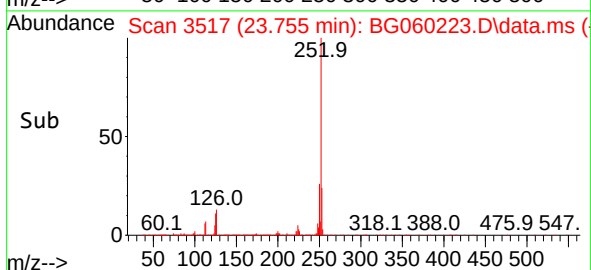
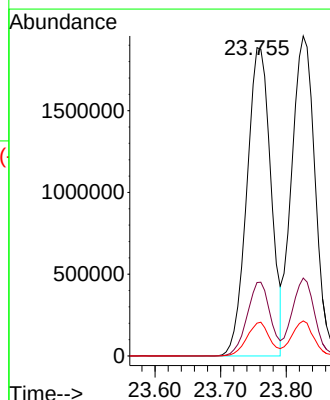
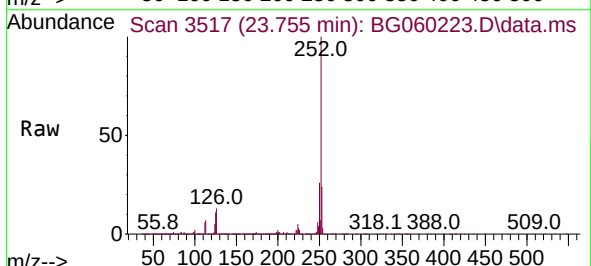
Tgt Ion:252 Resp: 4803945

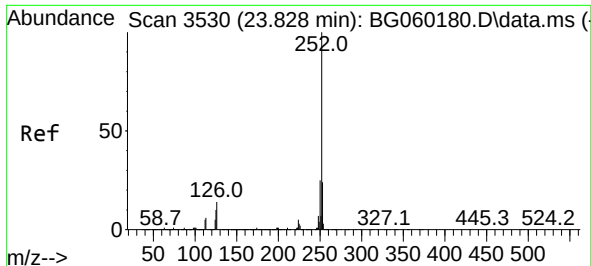
Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

125 10.7 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 42.352 ng
RT: 23.826 min Scan# 3530
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNA_G

ClientSampleId :

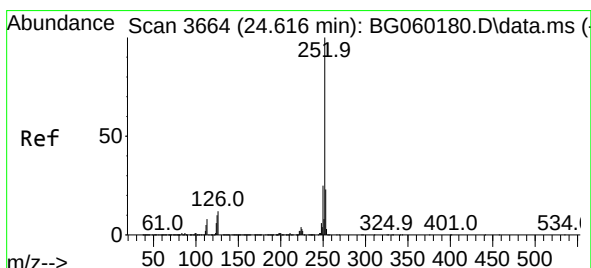
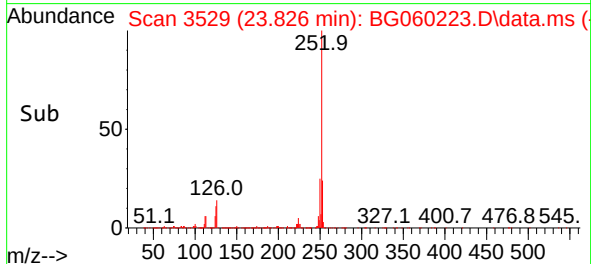
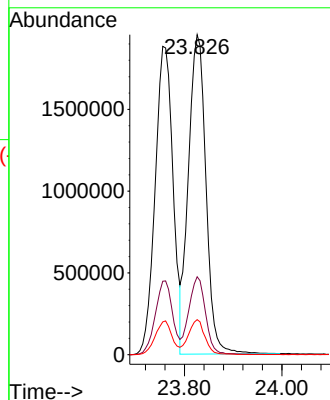
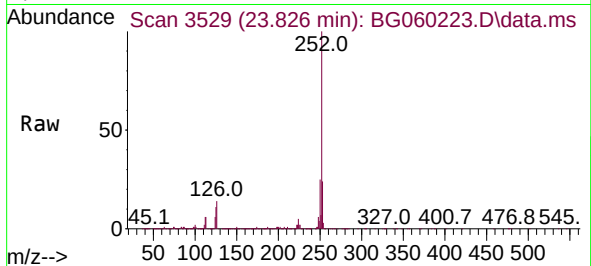
PB158053BS

Tgt Ion:252 Resp: 4887728
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 11.0 7.7 11.5

Manual Integrations

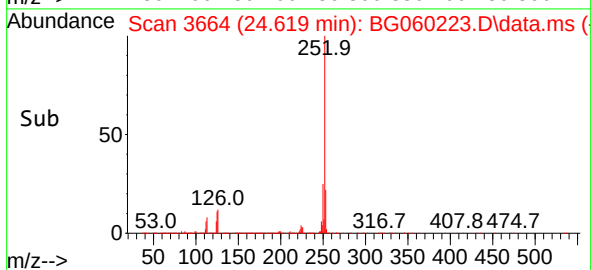
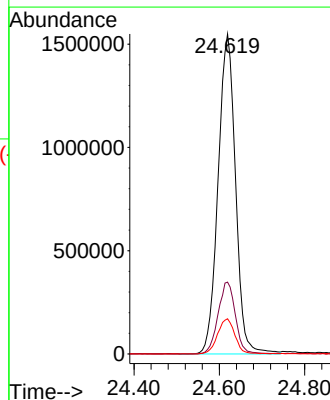
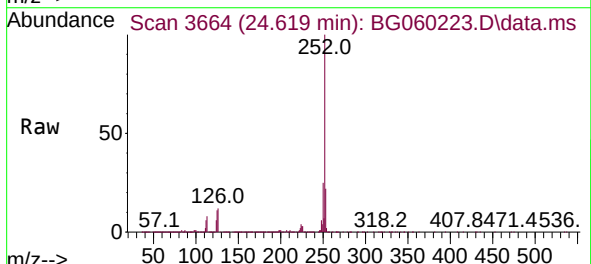
APPROVED

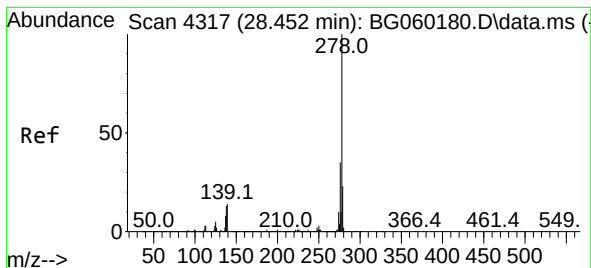
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#90
Benzo(a)pyrene
Concen: 42.346 ng
RT: 24.619 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Tgt Ion:252 Resp: 4392835
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.0 8.2 12.2





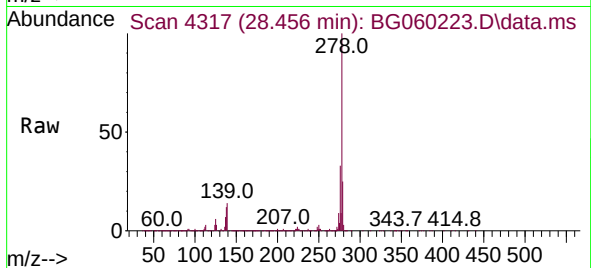
#91
Dibenzo(a,h)anthracene
Concen: 43.595 ng
RT: 28.456 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10

Instrument :

BNL_G

ClientSampleId :

PB158053BS



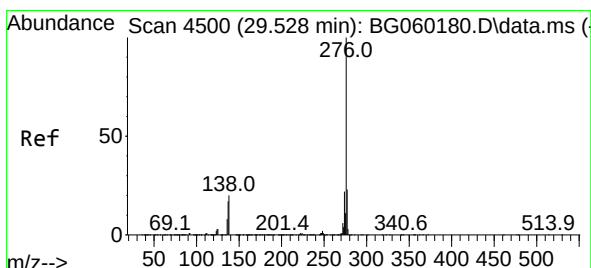
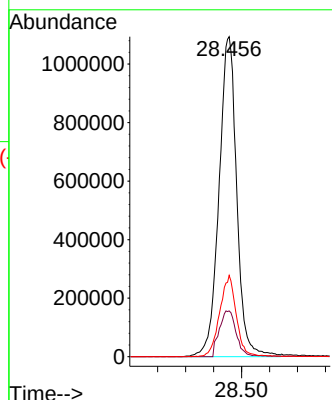
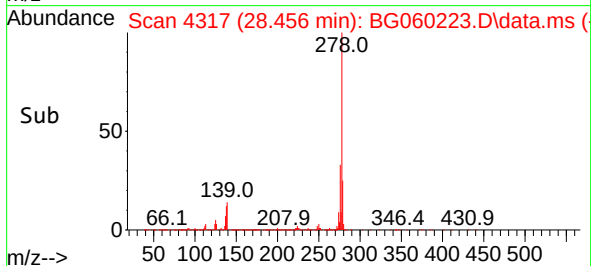
Tgt Ion:278 Resp: 481850
Ion Ratio Lower Upper
278 100
139 14.3 11.0 16.4
279 25.4 18.5 27.7

Manual Integrations

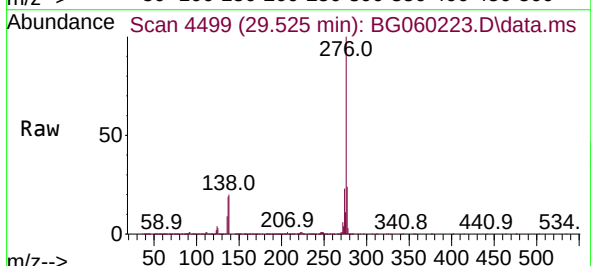
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#92
Benzo(g,h,i)perylene
Concen: 42.049 ng
RT: 29.525 min Scan# 4499
Delta R.T. -0.002 min
Lab File: BG060223.D
Acq: 3 Jan 2024 12:10



Tgt Ion:276 Resp: 4707601
Ion Ratio Lower Upper
276 100
277 24.3 18.7 28.1
138 20.1 15.9 23.9

