

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060862.D
 Acq On : 11 Apr 2024 16:53
 Operator : MA/JU
 Sample : P2070-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 12 04:40:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	59477	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	243630	20.000	ng	-0.02
39) Acenaphthene-d10	14.579	164	189411	20.000	ng	-0.01
64) Phenanthrene-d10	17.329	188	460485	20.000	ng	0.00
76) Chrysene-d12	21.588	240	400295	20.000	ng	-0.02
86) Perylene-d12	24.720	264	474919	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	381813	106.942	ng	0.00
7) Phenol-d6	7.117	99	552236	104.202	ng	0.00
23) Nitrobenzene-d5	9.103	82	359416	84.180	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	312031	145.122	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	840079	65.093	ng	-0.02
79) Terphenyl-d14	19.949	244	1534082	67.482	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	51704	35.322	ng	94
3) Pyridine	3.839	79	139753	31.652	ng	90
4) n-Nitrosodimethylamine	3.756	42	114437	43.359	ng	93
6) Aniline	7.270	93	151285	22.605	ng	98
8) 2-Chlorophenol	7.517	128	179520	44.352	ng	95
9) Benzaldehyde	7.082	77	16761m	5.735	ng	
10) Phenol	7.141	94	236034	43.640	ng	95
11) bis(2-Chloroethyl)ether	7.370	93	157699	36.113	ng	96
12) 1,3-Dichlorobenzene	7.840	146	179193	42.572	ng	97
13) 1,4-Dichlorobenzene	7.987	146	187043	43.556	ng	100
14) 1,2-Dichlorobenzene	8.298	146	181365	43.096	ng	99
15) Benzyl Alcohol	8.181	79	175207	40.813	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.469	45	406522	41.251	ng	98
17) 2-Methylphenol	8.392	107	156800	38.403	ng	97
18) Hexachloroethane	9.033	117	67875	44.503	ng	93
19) n-Nitroso-di-n-propyla...	8.751	70	147871	36.588	ng	98
20) 3+4-Methylphenols	8.715	107	220823	39.495	ng	96
22) Acetophenone	8.768	105	279672	41.632	ng	# 97
24) Nitrobenzene	9.144	77	213761	45.153	ng	94
25) Isophorone	9.667	82	400472	40.723	ng	98
26) 2-Nitrophenol	9.855	139	94803	55.240	ng	# 90
27) 2,4-Dimethylphenol	9.920	122	135112	34.203	ng	96
28) bis(2-Chloroethoxy)met...	10.155	93	230895	39.769	ng	100
29) 2,4-Dichlorophenol	10.390	162	183181	50.497	ng	98
30) 1,2,4-Trichlorobenzene	10.607	180	195365	47.561	ng	98
31) Naphthalene	10.795	128	544227	41.295	ng	98
32) Benzoic acid	10.067	122	139089	52.219	ng	96
33) 4-Chloroaniline	10.895	127	83899	13.706	ng	# 96
34) Hexachlorobutadiene	11.083	225	134534	49.144	ng	97
35) Caprolactam	11.665	113	63371m	44.108	ng	
36) 4-Chloro-3-methylphenol	12.029	107	213069	45.979	ng	96
37) 2-Methylnaphthalene	12.405	142	395803	40.850	ng	100
38) 1-Methylnaphthalene	12.622	142	366900	40.084	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	262227	48.156	ng	99
41) Hexachlorocyclopentadiene	12.758	237	275377	99.456	ng	97
43) 2,4,6-Trichlorophenol	13.010	196	179222	51.114	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	201022	48.041	ng	98
46) 1,1'-Biphenyl	13.416	154	554314	41.432	ng	99
47) 2-Chloronaphthalene	13.451	162	433394	42.637	ng	98
48) 2-Nitroaniline	13.651	65	168794	50.717	ng	97
49) Acenaphthylene	14.303	152	757016	44.323	ng	99
50) Dimethylphthalate	14.038	163	607383	40.570	ng	100
51) 2,6-Dinitrotoluene	14.150	165	128011	47.774	ng	94
52) Acenaphthene	14.644	154	526594m	49.106	ng	
53) 3-Nitroaniline	14.479	138	84847	29.991	ng	# 95
54) 2,4-Dinitrophenol	14.685	184	167803	161.026	ng	91
55) Dibenzofuran	14.979	168	704331	41.640	ng	97
56) 4-Nitrophenol	14.791	139	229040	104.650	ng	97
57) 2,4-Dinitrotoluene	14.937	165	185045	52.511	ng	# 94
58) Fluorene	15.631	166	585490	43.129	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.202	232	194809	53.422	ng	96
60) Diethylphthalate	15.407	149	613156	40.708	ng	100
61) 4-Chlorophenyl-phenyle...	15.625	204	315249	43.895	ng	95
62) 4-Nitroaniline	15.642	138	139505	50.966	ng	92
63) Azobenzene	15.919	77	593491	40.436	ng	97
65) 4,6-Dinitro-2-methylph...	15.701	198	119336	60.628	ng	97
66) n-Nitrosodiphenylamine	15.836	169	548371	41.673	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	215741	46.164	ng	99
68) Hexachlorobenzene	16.635	284	252796	47.918	ng	95
69) Atrazine	16.794	200	211681	46.001	ng	98
70) Pentachlorophenol	16.976	266	339978	98.764	ng	99
71) Phenanthrene	17.370	178	988838	41.290	ng	100
72) Anthracene	17.458	178	1013570	41.674	ng	100
73) Carbazole	17.728	167	889542	41.482	ng	99
74) Di-n-butylphthalate	18.304	149	1082493	40.490	ng	100
75) Fluoranthene	19.379	202	1181114	40.643	ng	98
77) Benzidine	19.561	184	437304	41.487	ng	97
78) Pyrene	19.744	202	1229137	43.904	ng	98
80) Butylbenzylphthalate	20.642	149	460368	45.079	ng	97
81) Benzo(a)anthracene	21.571	228	1215789	43.088	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	314096	32.968	ng	98
83) Chrysene	21.635	228	1152130	42.363	ng	100
84) Bis(2-ethylhexyl)phtha...	21.506	149	667188	40.989	ng	99
85) Di-n-octyl phthalate	22.699	149	1134208	42.772	ng	98
87) Indeno(1,2,3-cd)pyrene	28.275	276	1482872	44.339	ng	# 96
88) Benzo(b)fluoranthene	23.733	252	1166374	42.749	ng	98
89) Benzo(k)fluoranthene	23.798	252	1204201m	43.121	ng	
90) Benzo(a)pyrene	24.579	252	1114312	42.026	ng	97
91) Dibenzo(a,h)anthracene	28.345	278	1208354	42.861	ng	# 97
92) Benzo(g,h,i)perylene	29.391	276	1139847	41.563	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 846
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

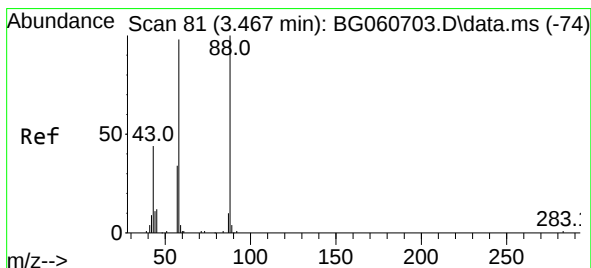
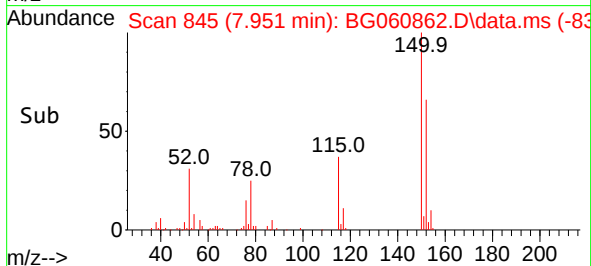
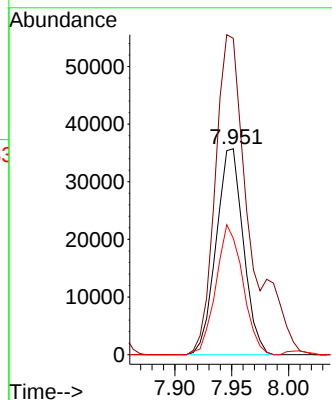
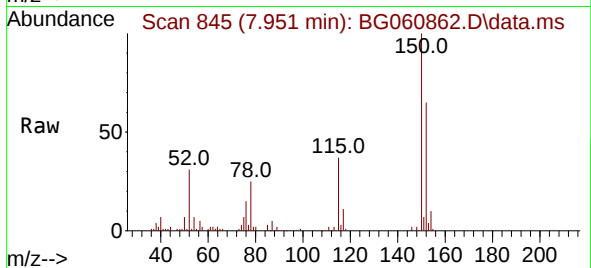
TP-5MSD

Tgt Ion:152 Resp: 5947
Ion Ratio Lower Upper
152 100
150 153.5 130.2 195.4
115 56.5 51.6 77.4

Manual Integrations

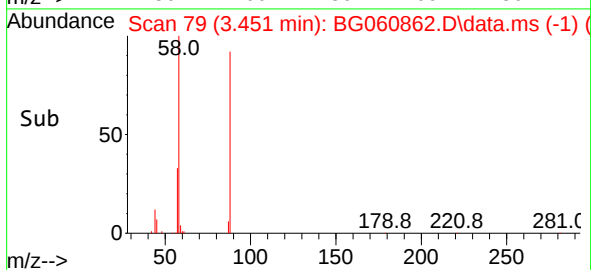
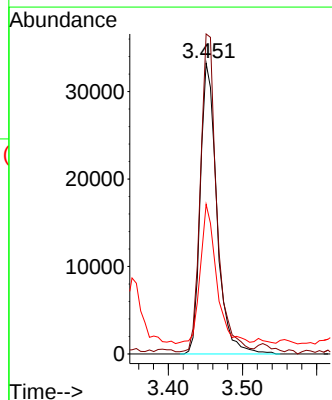
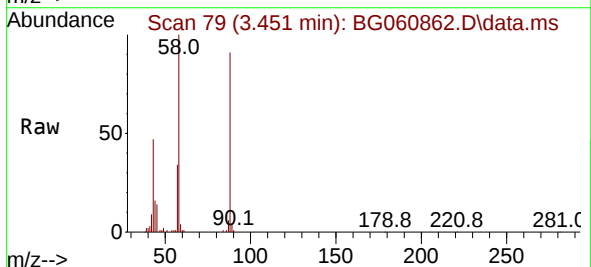
APPROVED

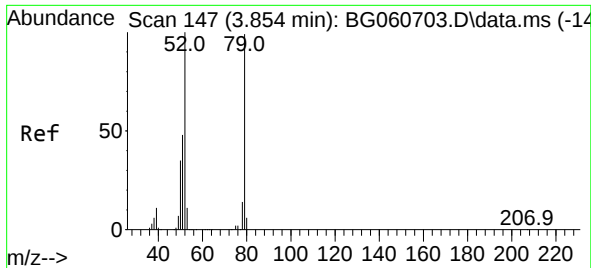
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#2
1,4-Dioxane
Concen: 35.322 ng
RT: 3.451 min Scan# 79
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

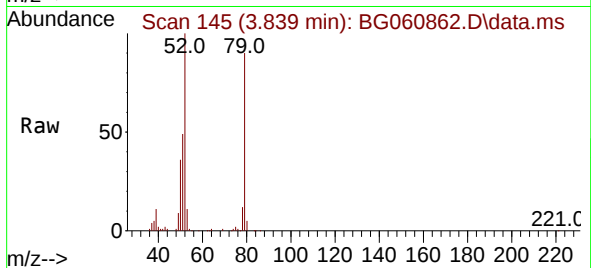
Tgt Ion: 88 Resp: 51704
Ion Ratio Lower Upper
88 100
58 108.0 80.9 121.3
43 46.6 35.4 53.0





#3
Pyridine
Concen: 31.652 ng
RT: 3.839 min Scan# 147
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

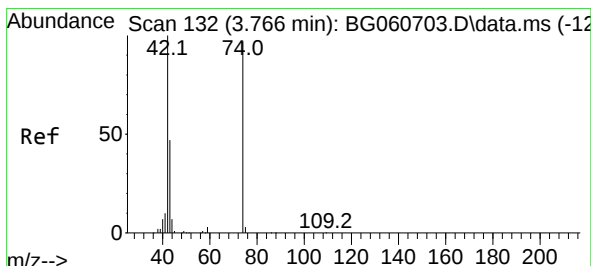
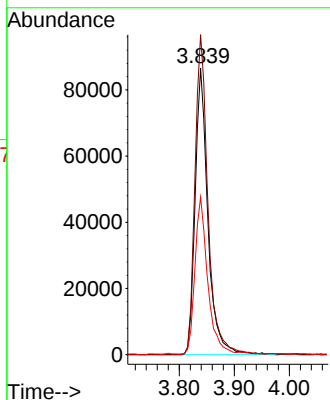
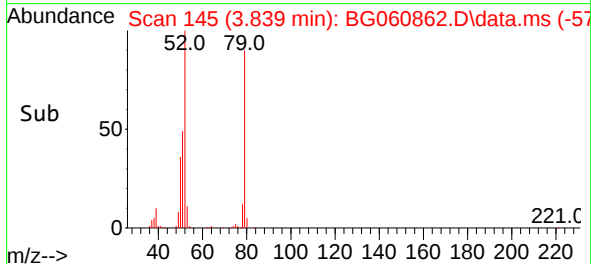
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



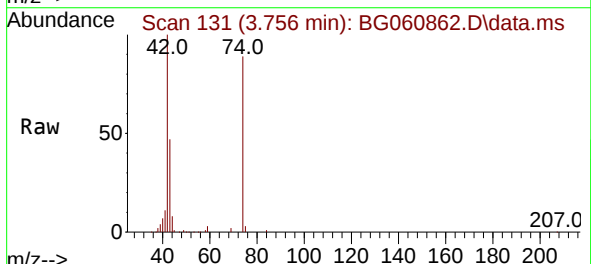
Tgt Ion: 79 Resp: 13975
Ion Ratio Lower Upper
79 100
52 111.6 80.6 120.8
51 55.0 39.1 58.7

Manual Integrations
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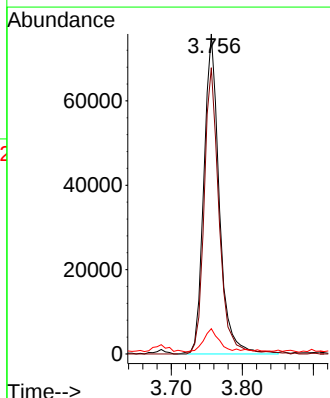
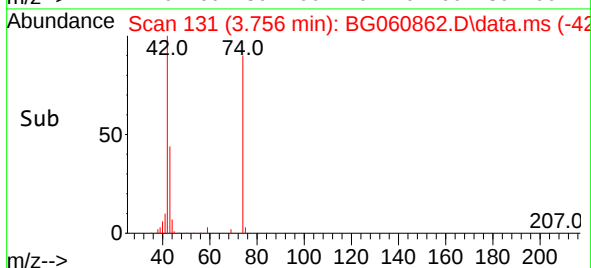
Reviewed By :Yogesh Patel 04/16/2024
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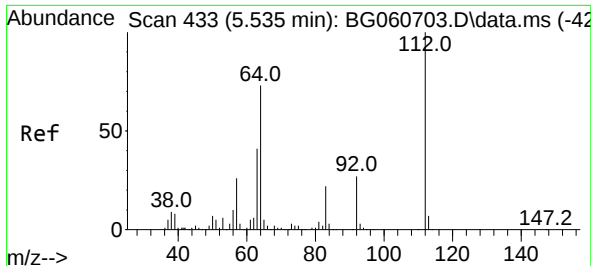


#4
n-Nitrosodimethylamine
Concen: 43.359 ng
RT: 3.756 min Scan# 131
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



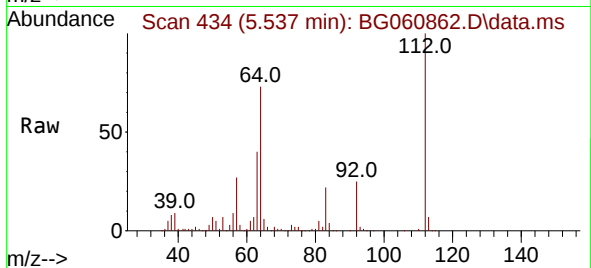
Tgt Ion: 42 Resp: 114437
Ion Ratio Lower Upper
42 100
74 89.4 77.8 116.8
44 7.9 6.8 10.2





#5
2-Fluorophenol
Concen: 106.942 ng
RT: 5.537 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

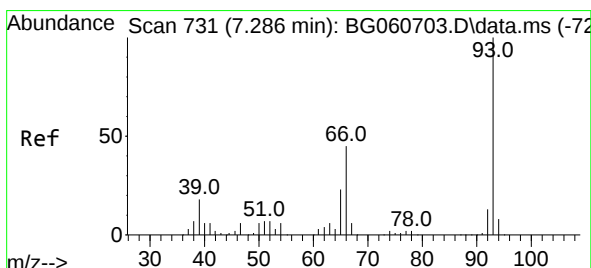
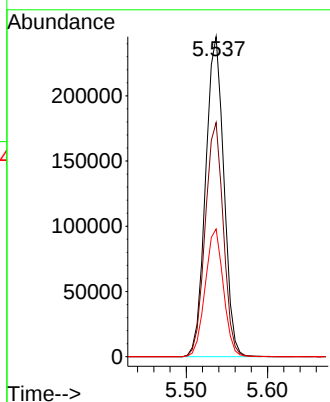
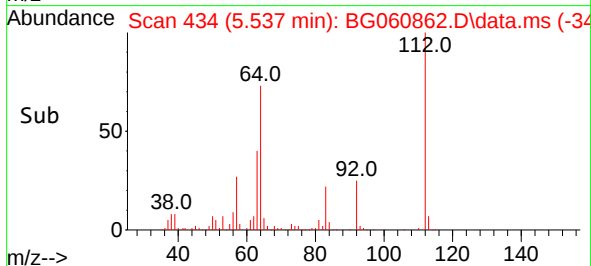
Instrument :
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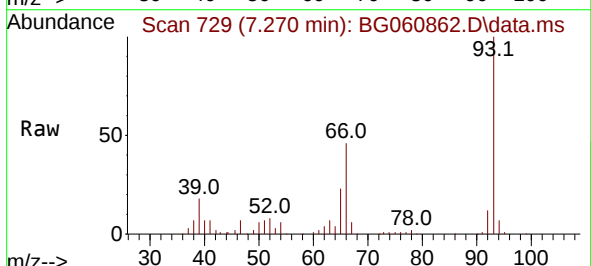
Tgt Ion:112 Resp: 38181
Ion Ratio Lower Upper
112 100
64 73.1 58.4 87.6
63 39.9 32.7 49.1

Manual Integrations
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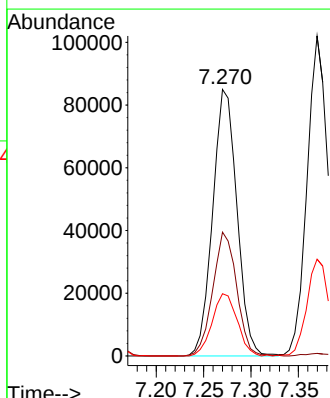
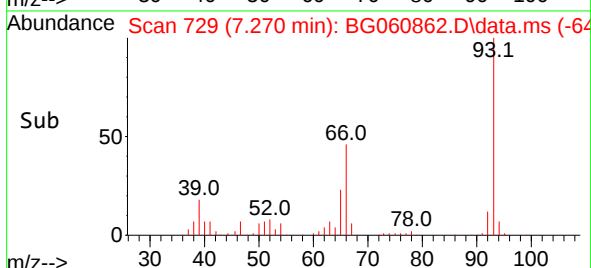
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

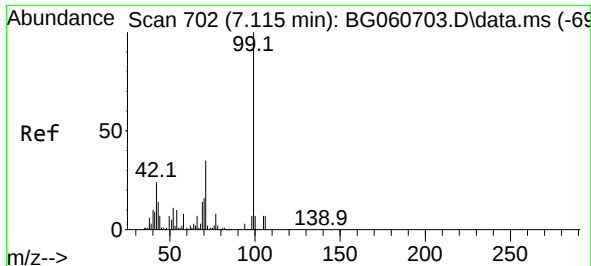


#6
Aniline
Concen: 22.605 ng
RT: 7.270 min Scan# 729
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



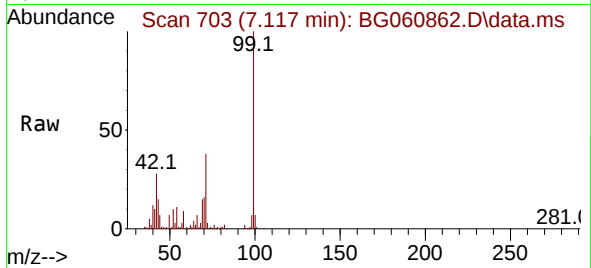
Tgt Ion: 93 Resp: 151285
Ion Ratio Lower Upper
93 100
66 46.5 36.1 54.1
65 23.4 18.1 27.1





#7
Phenol-d6
Concen: 104.202 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

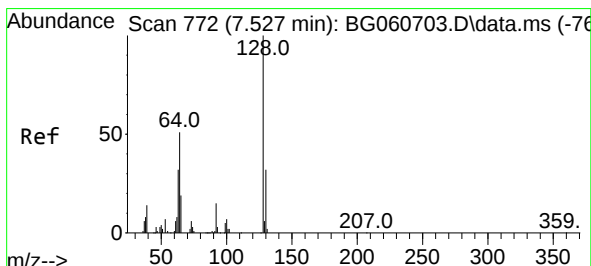
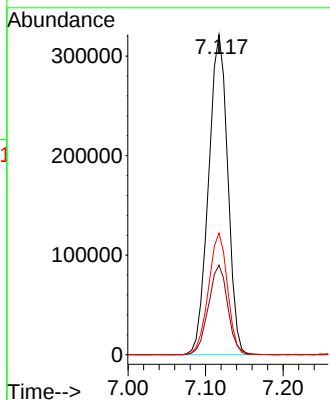
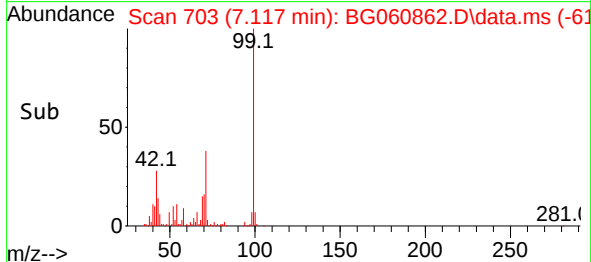
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 99 Resp: 552230
Ion Ratio Lower Upper
99 100
42 28.0 19.4 29.2
71 38.0 28.2 42.2

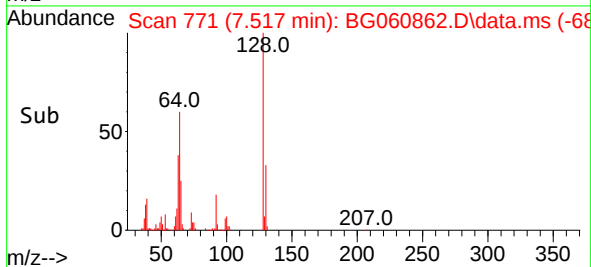
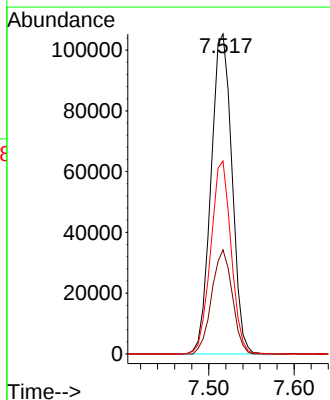
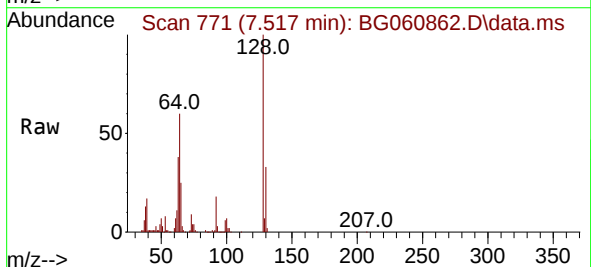
Manual Integrations
APPROVED

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#8
2-Chlorophenol
Concen: 44.352 ng
RT: 7.517 min Scan# 771
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

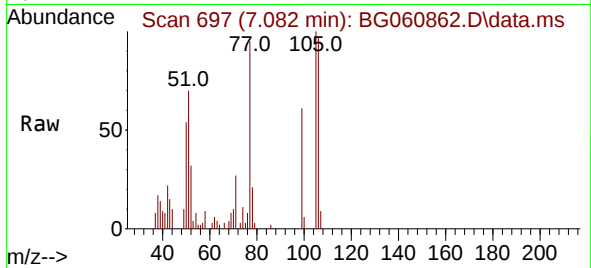
Tgt Ion:128 Resp: 179520
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 60.3 35.0 75.0





#9
Benzaldehyde
Concen: 5.735 ng m
RT: 7.082 min Scan# 697
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

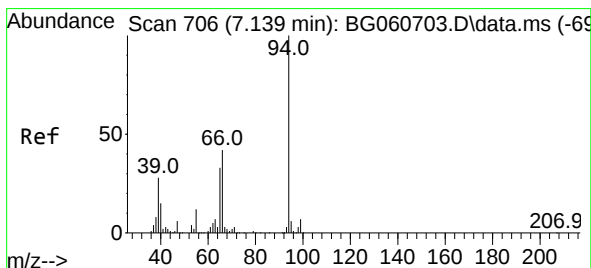
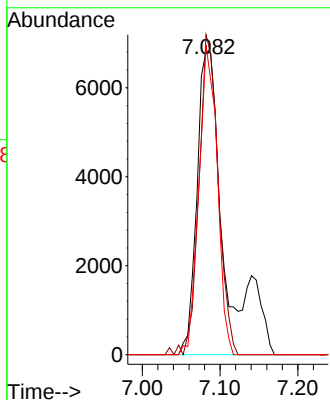
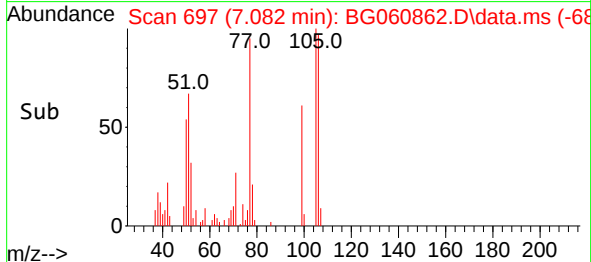
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 77 Resp: 1676
Ion Ratio Lower Upper
77 100
105 105.3 76.0 116.0
106 101.9 70.3 110.3

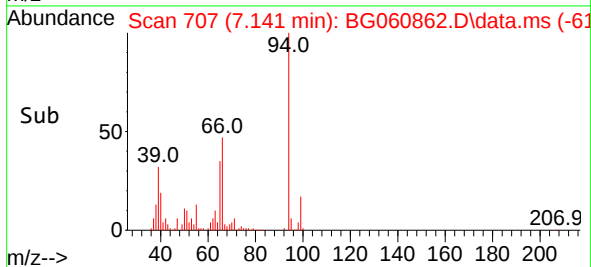
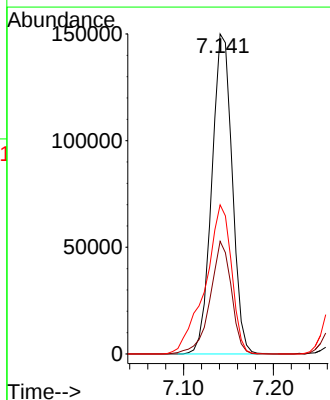
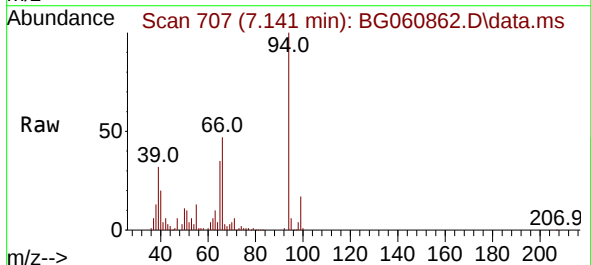
Manual Integrations
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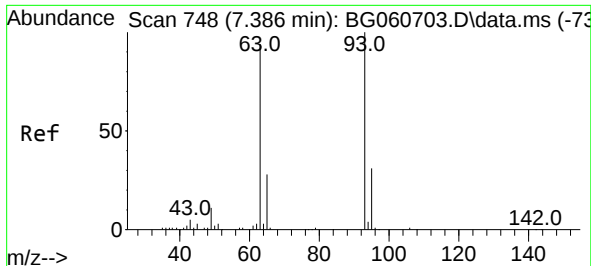
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 43.640 ng
RT: 7.141 min Scan# 707
Delta R.T. 0.002 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

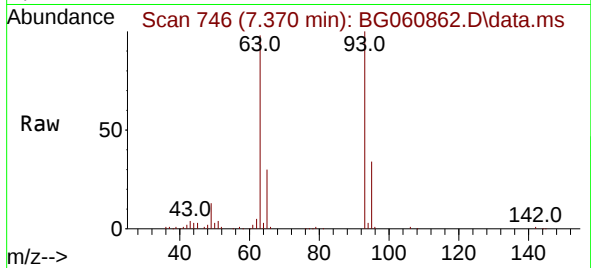
Tgt Ion: 94 Resp: 236034
Ion Ratio Lower Upper
94 100
65 35.2 13.3 53.3
66 46.6 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 36.113 ng
RT: 7.370 min Scan# 748
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

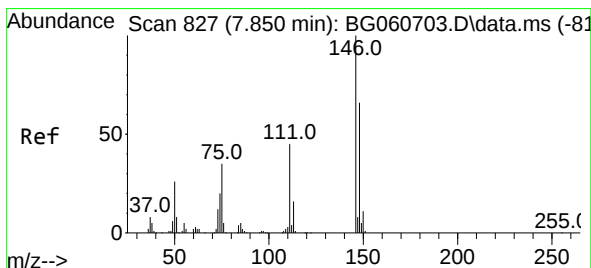
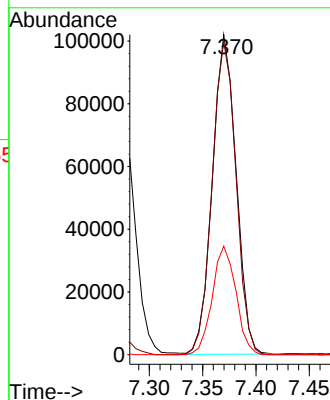
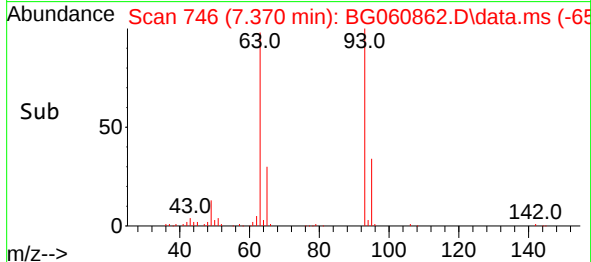
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



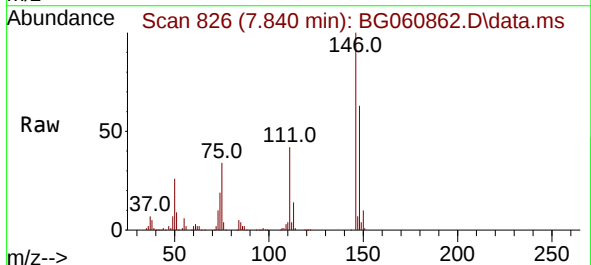
Tgt Ion: 93 Resp: 157699
Ion Ratio Lower Upper
93 100
63 97.7 73.7 113.7
95 33.9 11.2 51.2

Manual Integrations
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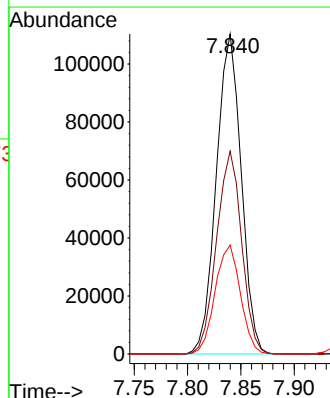
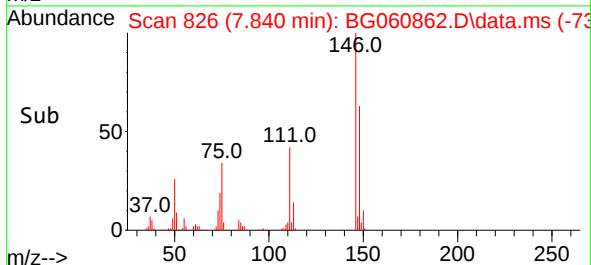
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#12
1,3-Dichlorobenzene
Concen: 42.572 ng
RT: 7.840 min Scan# 826
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



Tgt Ion:146 Resp: 179193
Ion Ratio Lower Upper
146 100
148 63.4 53.0 79.4
75 34.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 43.556 ng

RT: 7.987 min Scan# 81

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:146 Resp: 18704

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

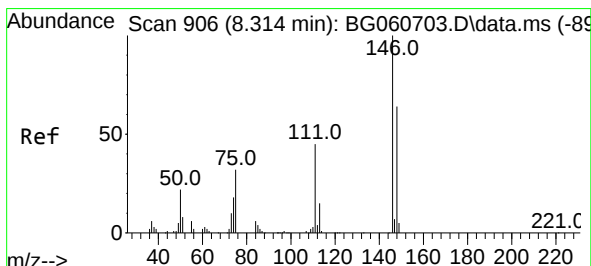
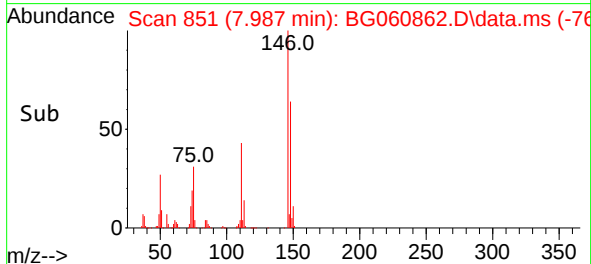
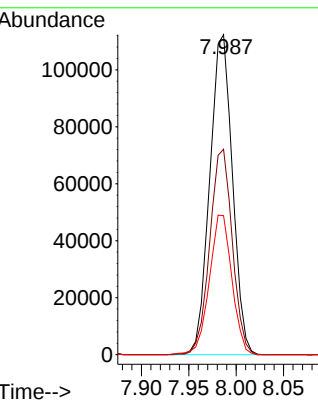
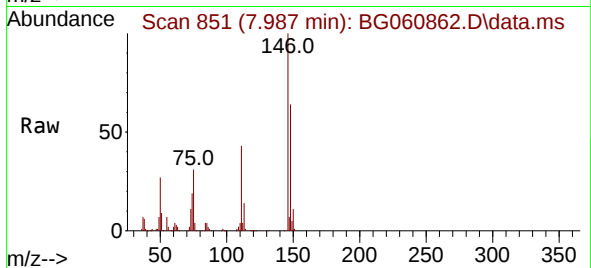
111 43.5 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 43.096 ng

RT: 8.298 min Scan# 904

Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

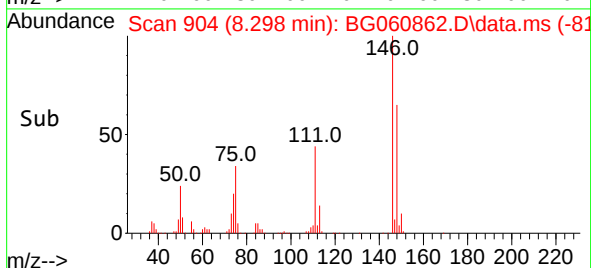
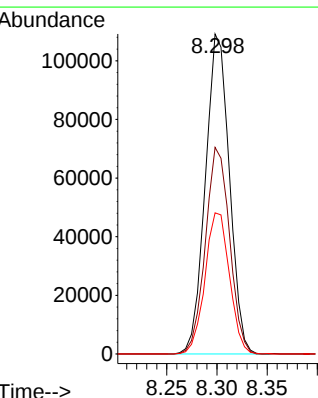
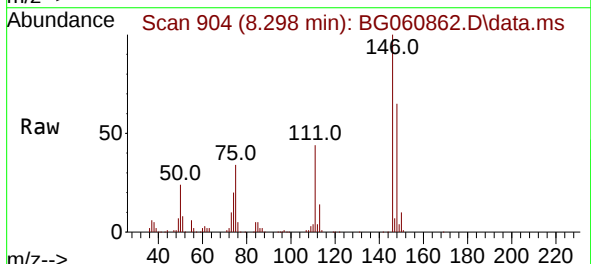
Tgt Ion:146 Resp: 181365

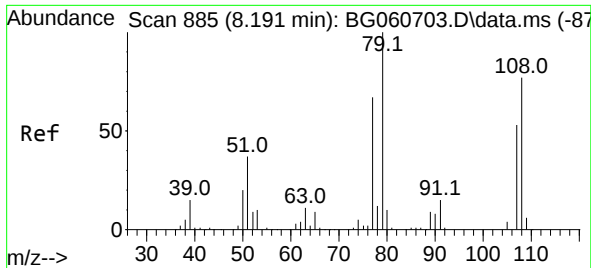
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 44.1 36.0 54.0





#15
Benzyl Alcohol
Concen: 40.813 ng
RT: 8.181 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

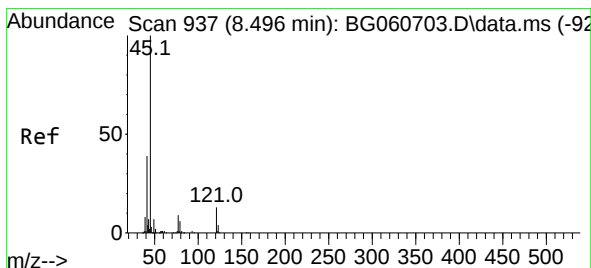
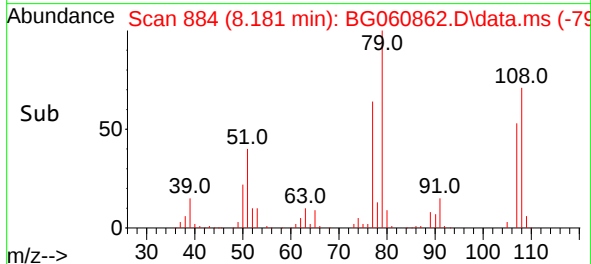
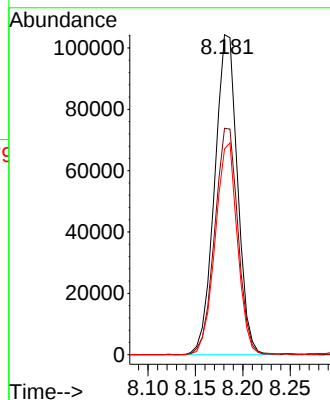
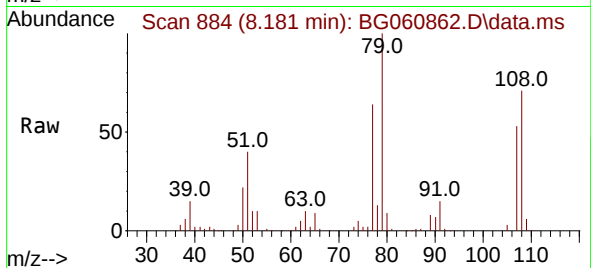
ClientSampleId :

TP-5MSD

Tgt Ion: 79 Resp: 17520
Ion Ratio Lower Upper
79 100
108 70.7 61.4 92.0
77 64.3 53.6 80.4

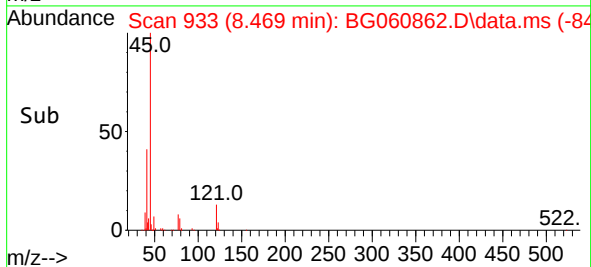
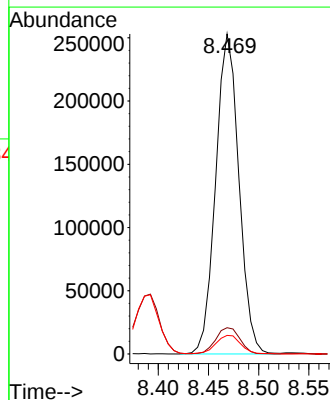
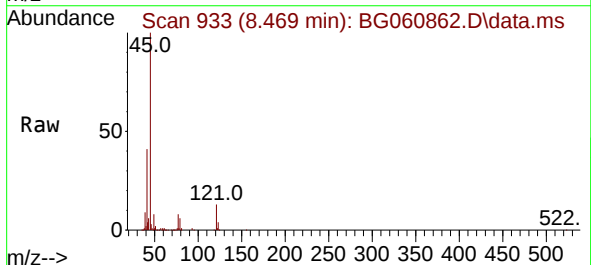
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.251 ng
RT: 8.469 min Scan# 933
Delta R.T. -0.028 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

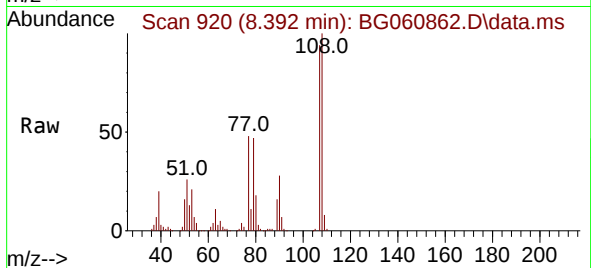
Tgt Ion: 45 Resp: 406522
Ion Ratio Lower Upper
45 100
77 8.2 0.0 29.1
79 5.8 0.0 26.5





#17
2-Methylphenol
Concen: 38.403 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

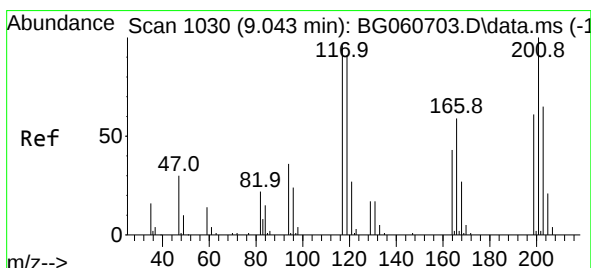
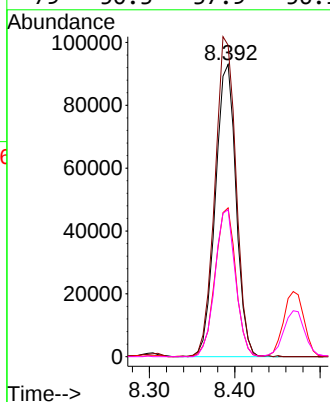
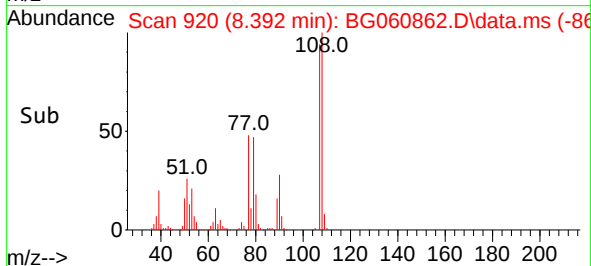
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:	107	Resp:	156800
Ion Ratio	Lower	Upper	
107	100		
108	106.6	86.4	129.6
77	50.9	38.6	58.0
79	50.3	37.9	56.9

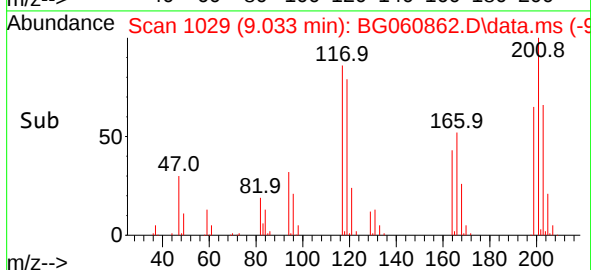
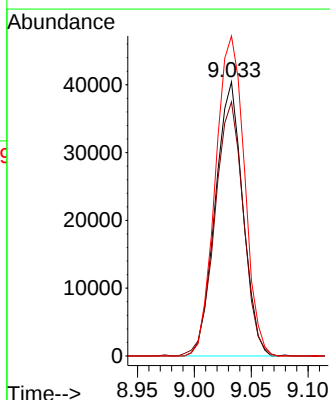
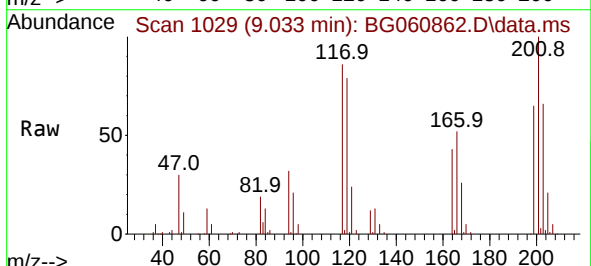
Manual Integrations
APPROVED

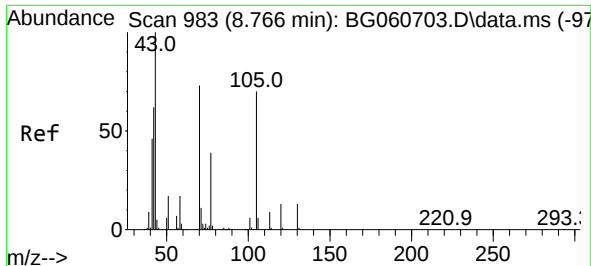
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 44.503 ng
RT: 9.033 min Scan# 1029
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

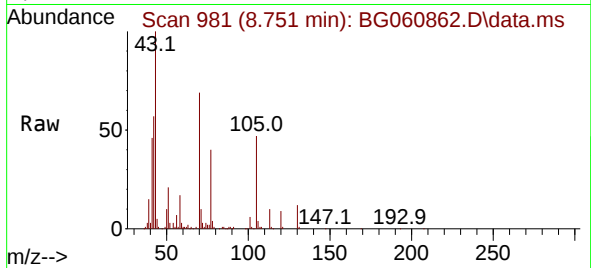
Tgt Ion:	117	Resp:	67875
Ion Ratio	Lower	Upper	
117	100		
119	92.7	75.7	113.5
201	116.8	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.588 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.015 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

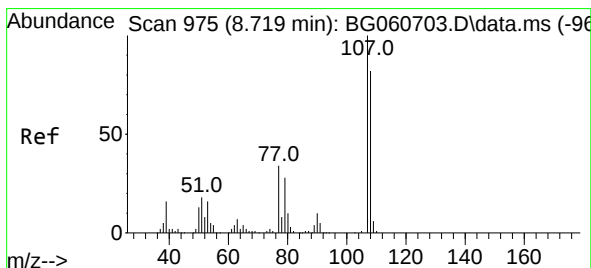
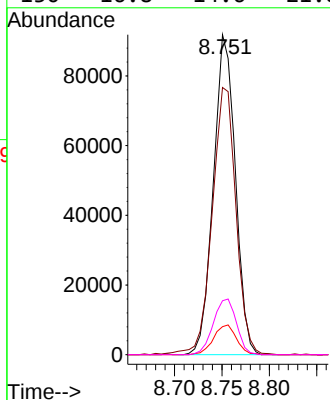
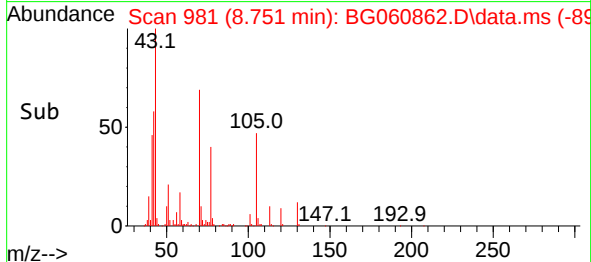
Instrument :
BNA_G
Client SampleId :
TP-5MSD



Tgt Ion: 70 Resp: 14787
Ion Ratio Lower Upper
70 100
42 83.5 68.4 102.6
101 8.8 6.1 9.1
130 16.8 14.6 21.8

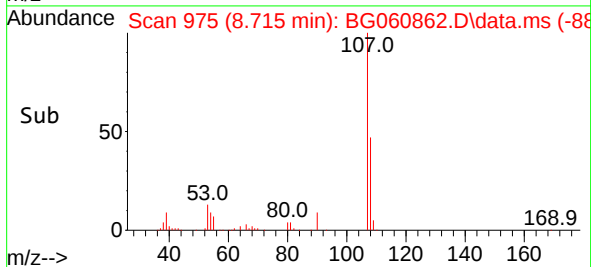
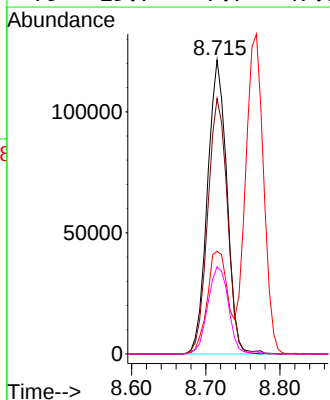
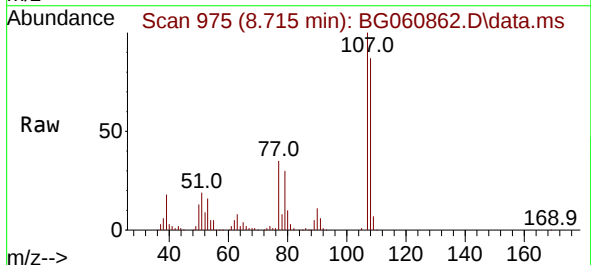
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 39.495 ng
RT: 8.715 min Scan# 975
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:107 Resp: 220823
Ion Ratio Lower Upper
107 100
108 86.9 62.2 102.2
77 34.9 14.1 54.1
79 29.7 7.7 47.7





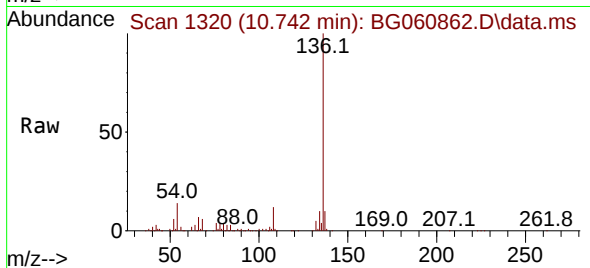
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1320
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



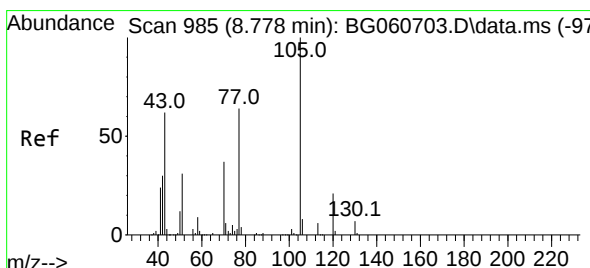
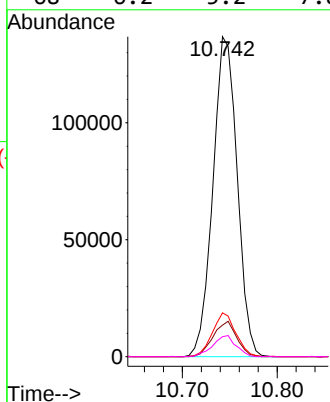
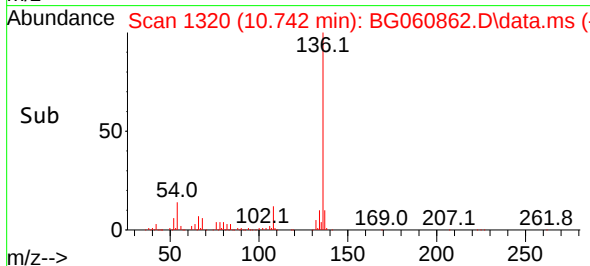
Tgt Ion:136 Resp: 243630
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 13.7 10.2 15.2
68 6.2 5.2 7.8

Manual Integrations

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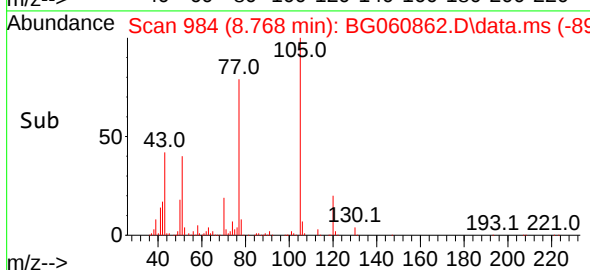
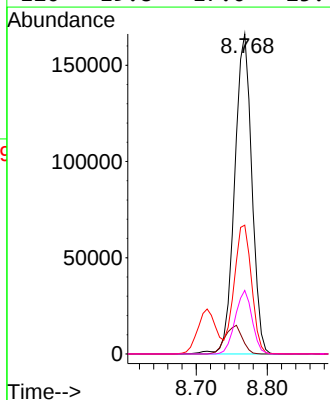
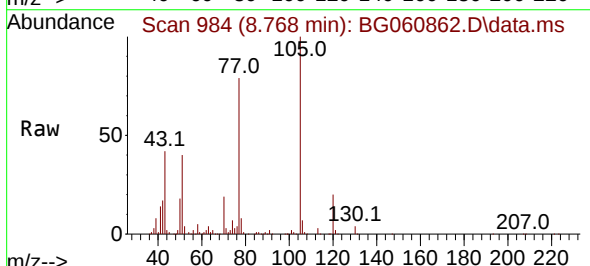
Reviewed By :Yogesh Patel 04/16/2024

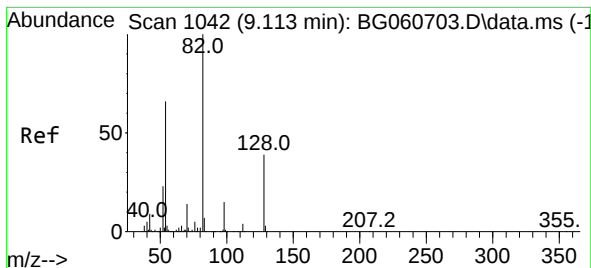
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 41.632 ng
RT: 8.768 min Scan# 984
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:105 Resp: 279672
Ion Ratio Lower Upper
105 100
71 3.3 4.9 7.3#
51 40.2 31.1 46.7
120 19.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 84.180 ng

RT: 9.103 min Scan# 1041

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion: 82 Resp: 359410

Ion Ratio Lower Upper

82 100

128 38.3 31.2 46.8

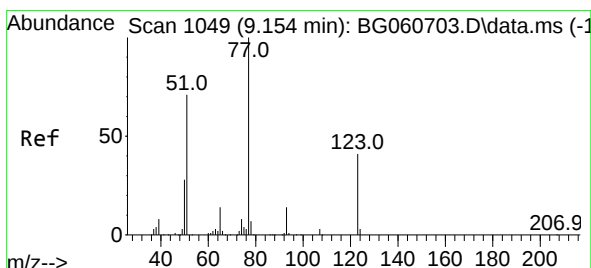
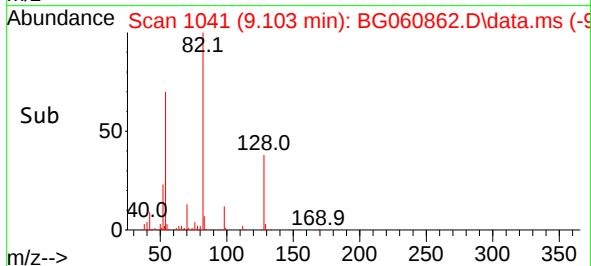
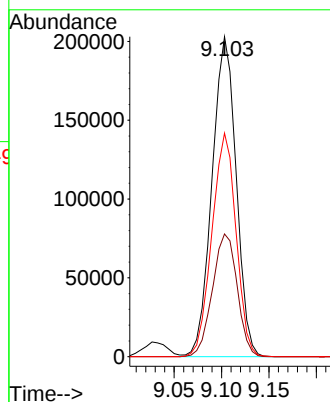
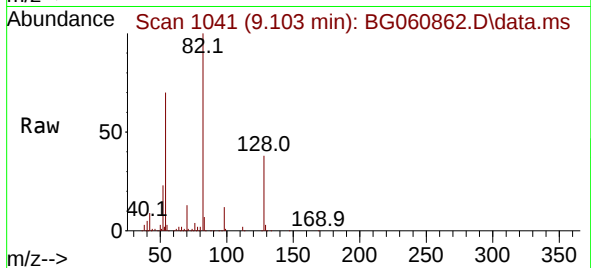
54 69.8 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#24

Nitrobenzene

Concen: 45.153 ng

RT: 9.144 min Scan# 1048

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

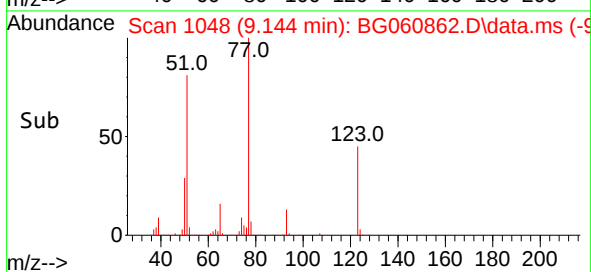
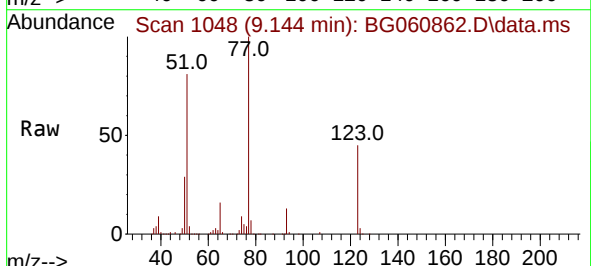
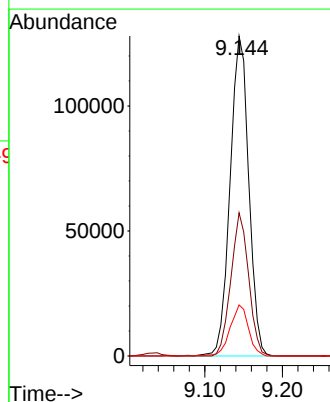
Tgt Ion: 77 Resp: 213761

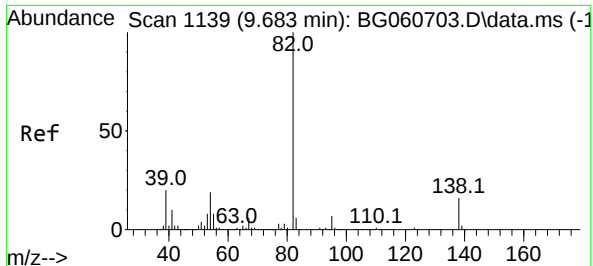
Ion Ratio Lower Upper

77 100

123 44.8 32.7 49.1

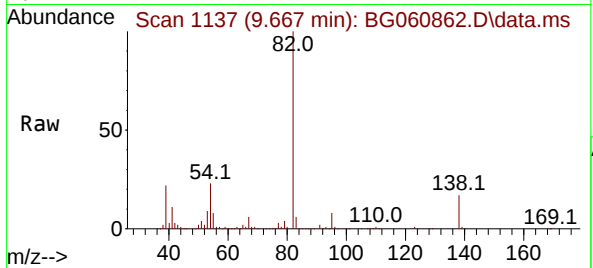
65 16.0 11.3 16.9





#25
Isophorone
Concen: 40.723 ng
RT: 9.667 min Scan# 1137
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

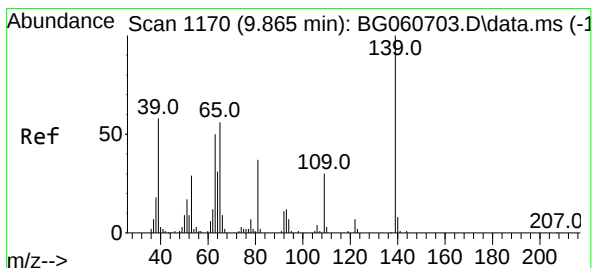
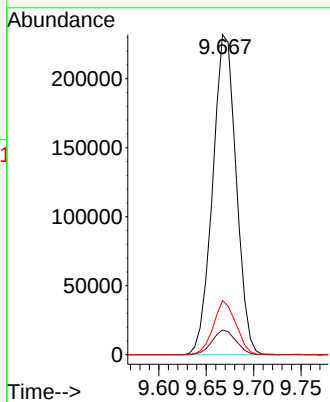
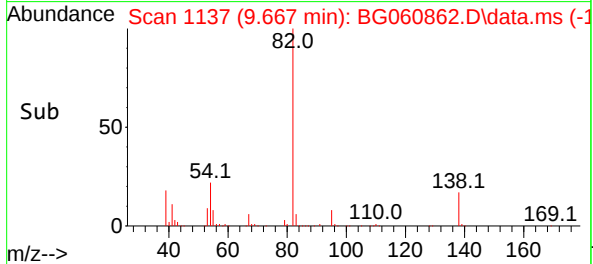
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 82 Resp: 400472
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.9 13.0 19.4

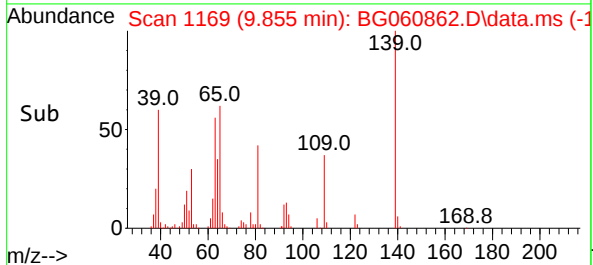
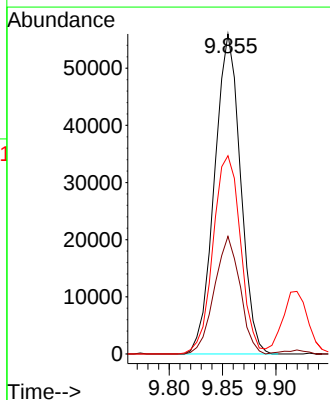
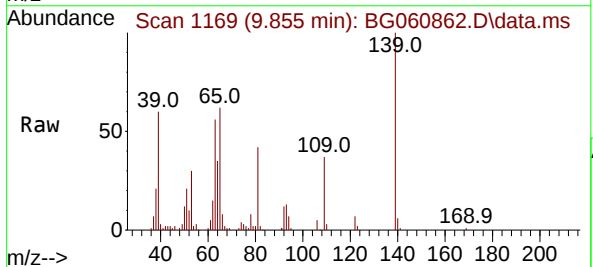
Manual Integrations
APPROVED

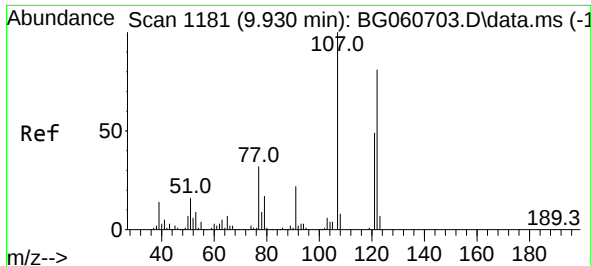
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 55.240 ng
RT: 9.855 min Scan# 1169
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:139 Resp: 94803
Ion Ratio Lower Upper
139 100
109 36.8 23.9 35.9#
65 61.9 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 34.203 ng

RT: 9.920 min Scan# 1181

Delta R.T. -0.010 min

Lab File: BG060862.D

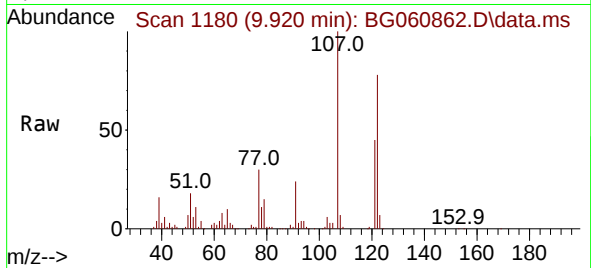
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



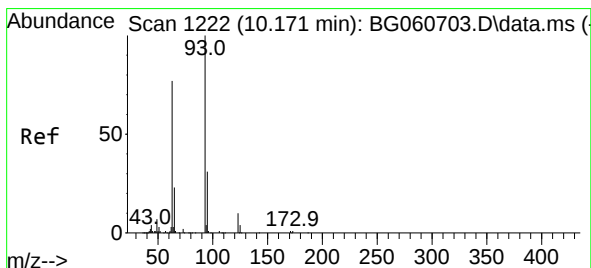
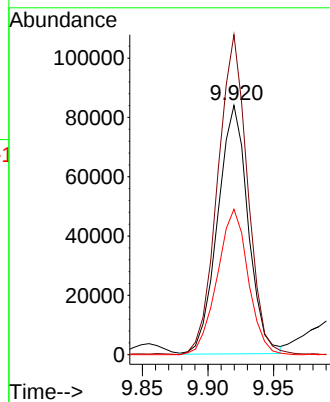
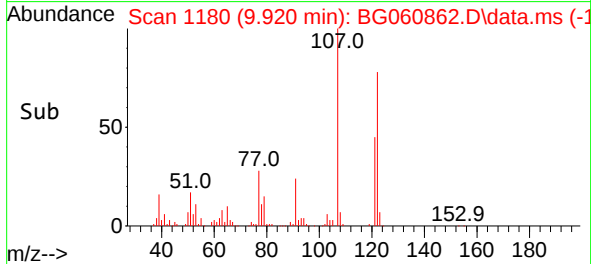
Tgt Ion:	122	Resp:	13511
Ion	Ratio	Lower	Upper
122	100		
107	128.3	98.6	147.8
121	58.3	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.769 ng

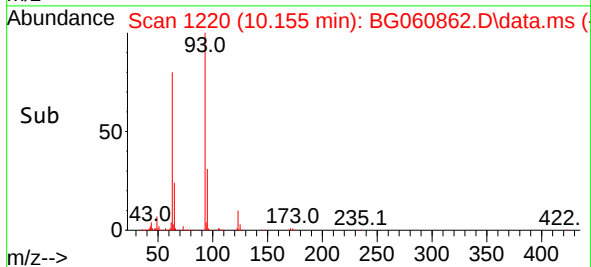
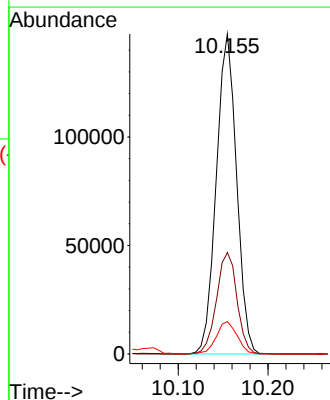
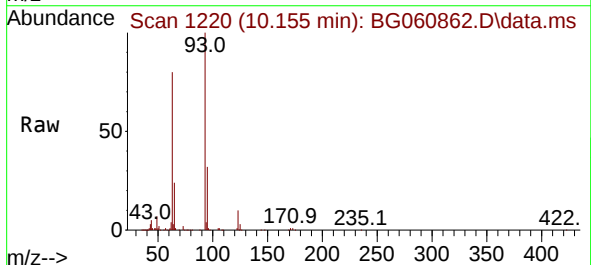
RT: 10.155 min Scan# 1220

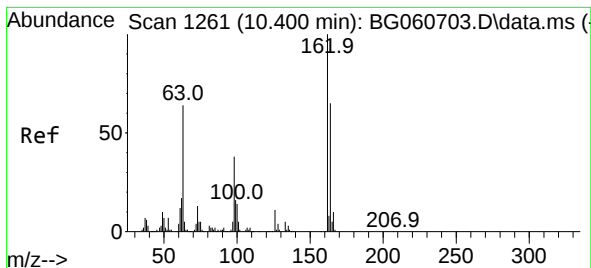
Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

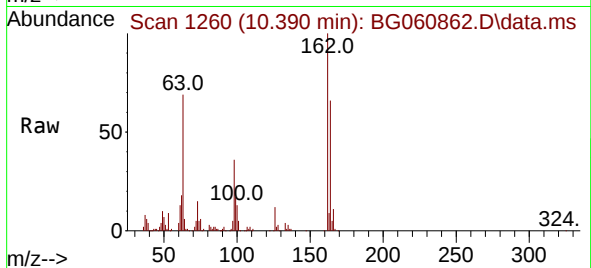
Tgt Ion:	93	Resp:	230895
Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.1	37.7
123	10.1	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 50.497 ng
RT: 10.390 min Scan# 1260
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

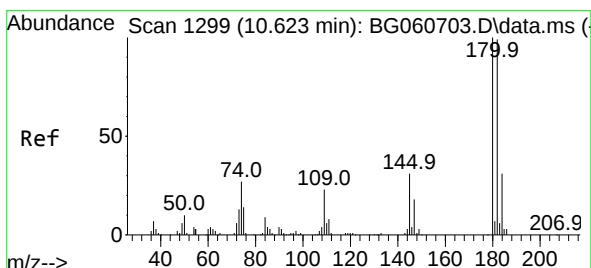
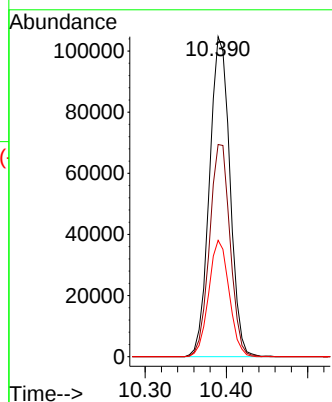
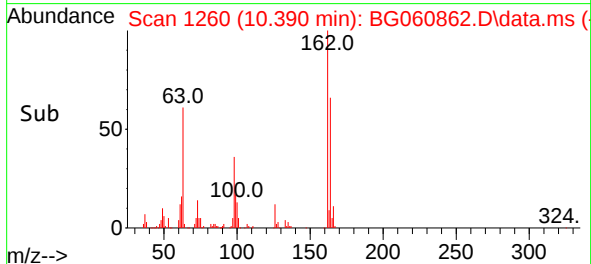
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:162 Resp: 18318
Ion Ratio Lower Upper
162 100
164 66.3 45.2 85.2
98 36.4 17.7 57.7

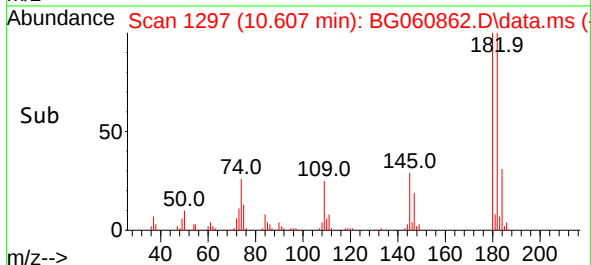
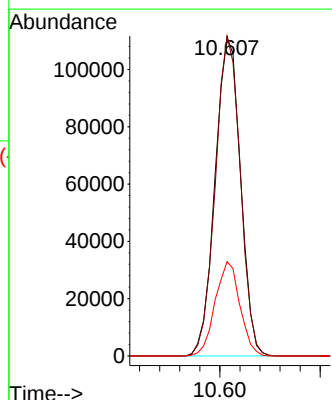
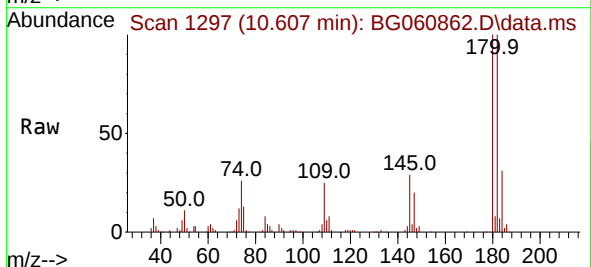
Manual Integrations
APPROVED

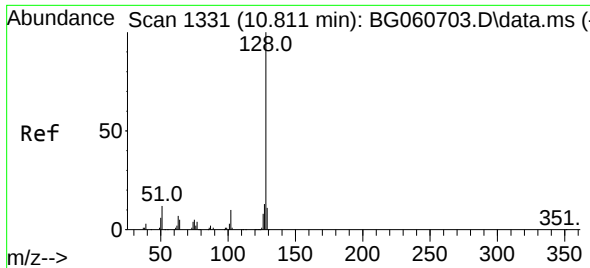
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.561 ng
RT: 10.607 min Scan# 1297
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

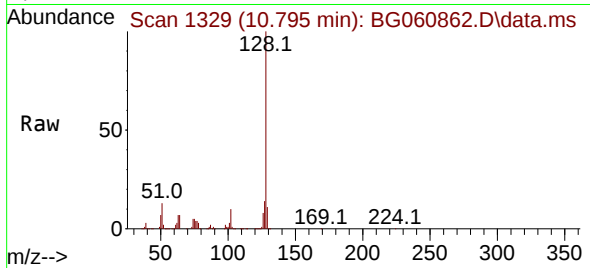
Tgt Ion:180 Resp: 195365
Ion Ratio Lower Upper
180 100
182 100.4 79.0 118.4
145 29.6 24.9 37.3





#31
Naphthalene
Concen: 41.295 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

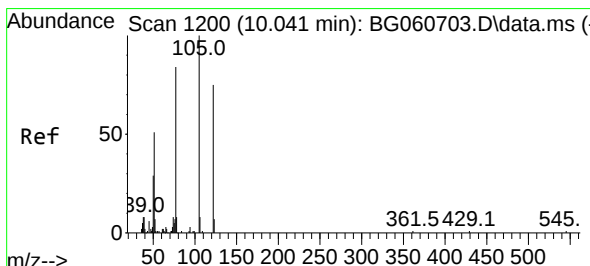
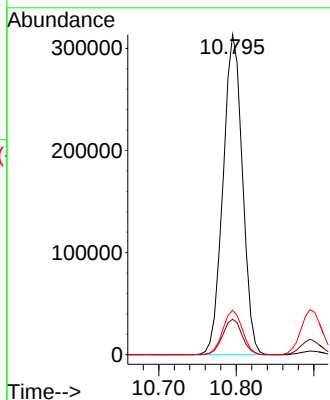
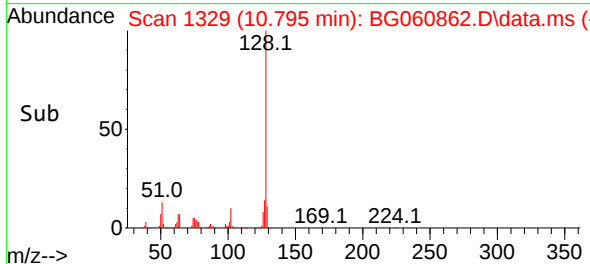
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



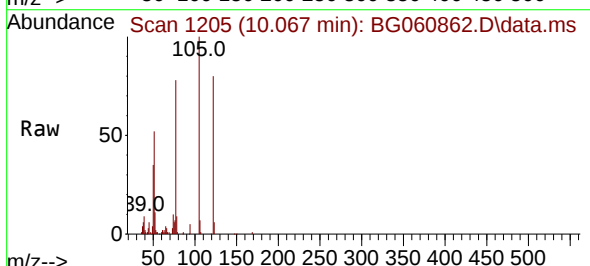
Tgt Ion:128 Resp: 54422
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.9 10.5 15.7

Manual Integrations
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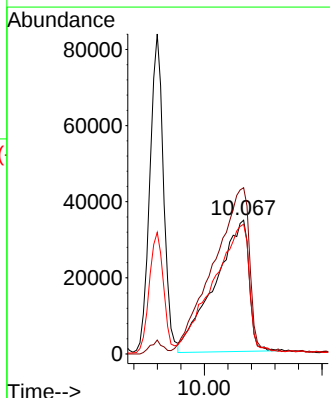
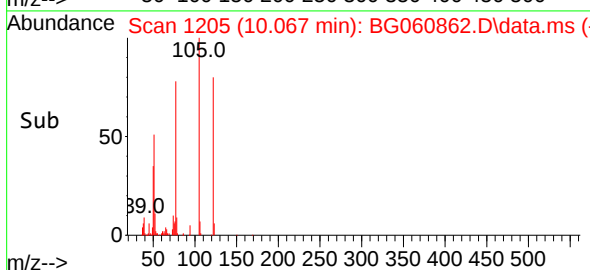
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

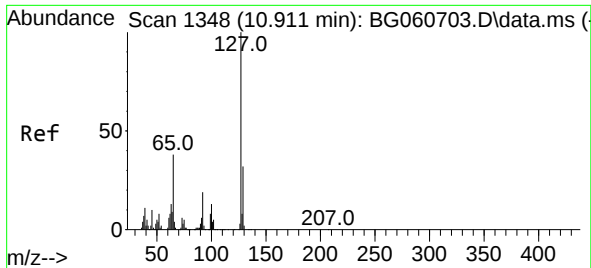


#32
Benzoic acid
Concen: 52.219 ng
RT: 10.067 min Scan# 1205
Delta R.T. 0.026 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



Tgt Ion:122 Resp: 139089
Ion Ratio Lower Upper
122 100
105 124.4 104.5 144.5
77 97.0 85.3 125.3





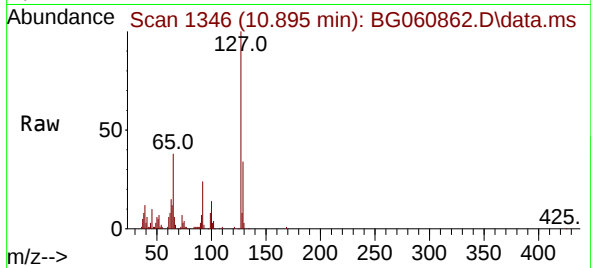
#33
4-Chloroaniline
Concen: 13.706 ng
RT: 10.895 min Scan# 1346
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



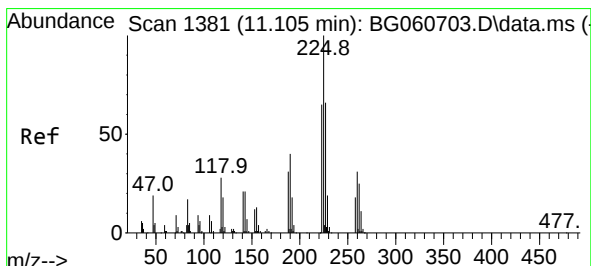
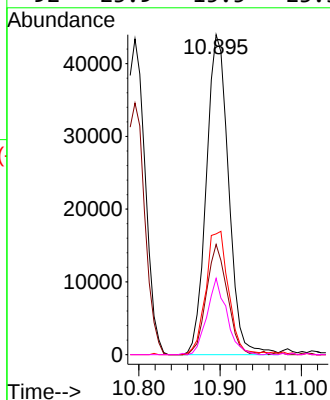
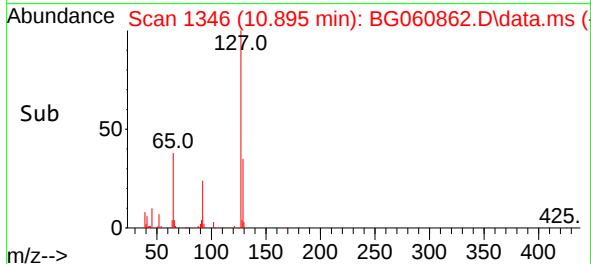
Tgt Ion:127 Resp: 83899
Ion Ratio Lower Upper
127 100
129 34.5 25.3 37.9
65 37.7 30.2 45.2
92 23.9 15.5 23.3#

Manual Integrations

APPROVED

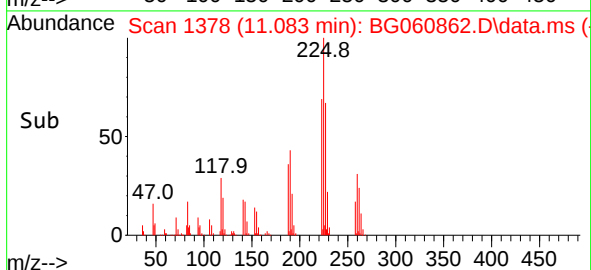
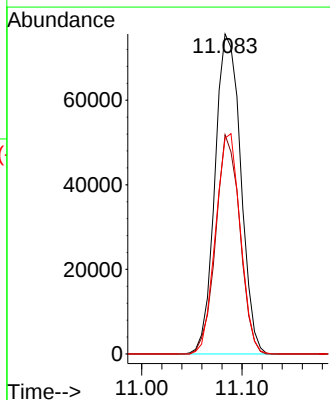
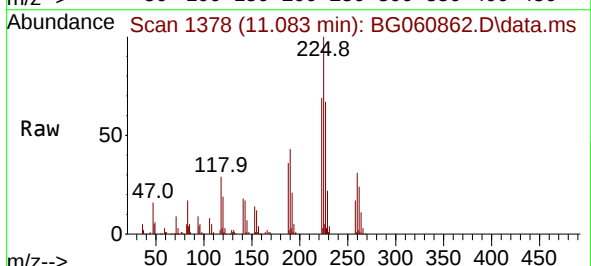
Reviewed By :Yogesh Patel 04/16/2024

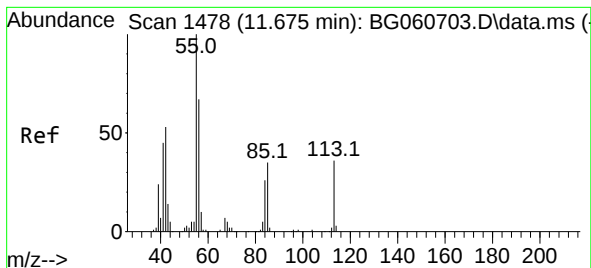
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 49.144 ng
RT: 11.083 min Scan# 1378
Delta R.T. -0.022 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

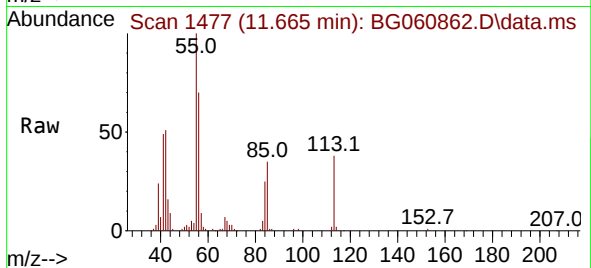
Tgt Ion:225 Resp: 134534
Ion Ratio Lower Upper
225 100
223 68.5 52.0 78.0
227 67.5 52.5 78.7





#35
Caprolactam
Concen: 44.108 ng m
RT: 11.665 min Scan# 1478
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

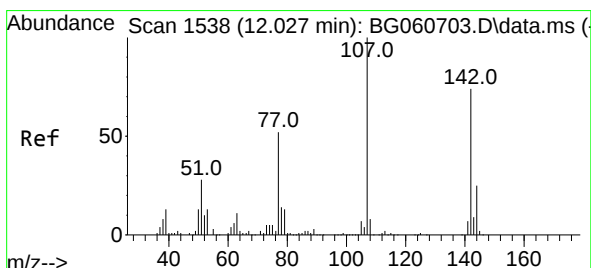
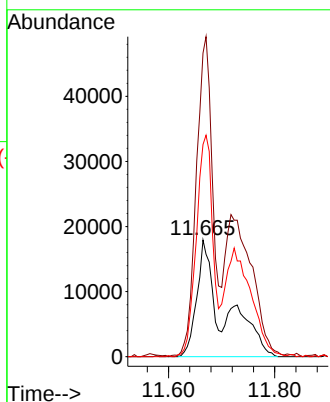
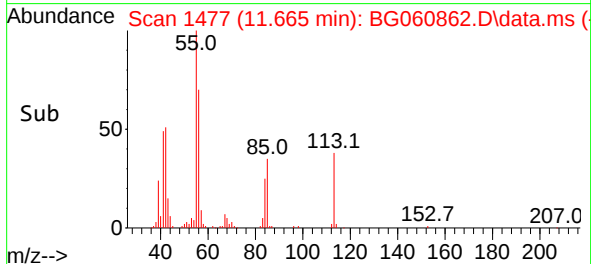
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:113 Resp: 6337
Ion Ratio Lower Upper
113 100
55 260.4 258.0 298.0
56 182.0 166.3 206.3

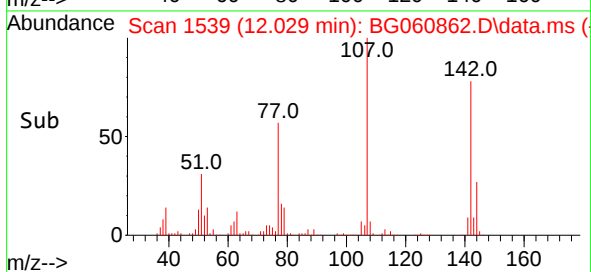
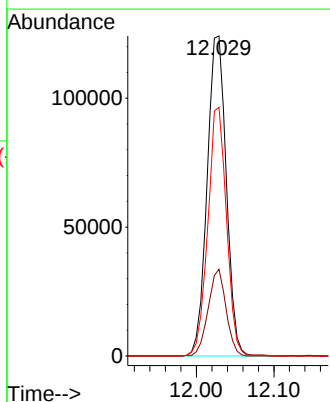
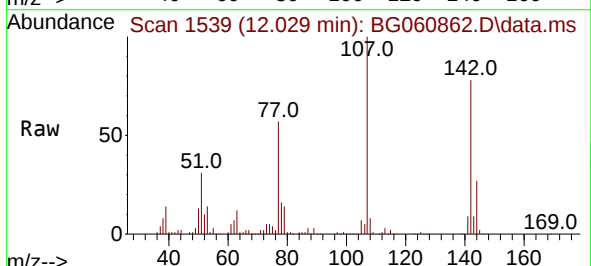
Manual Integrations
APPROVED

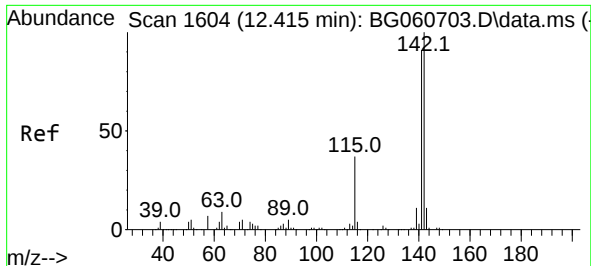
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#36
4-Chloro-3-methylphenol
Concen: 45.979 ng
RT: 12.029 min Scan# 1539
Delta R.T. 0.002 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:107 Resp: 213069
Ion Ratio Lower Upper
107 100
144 27.1 20.0 30.0
142 77.7 59.2 88.8





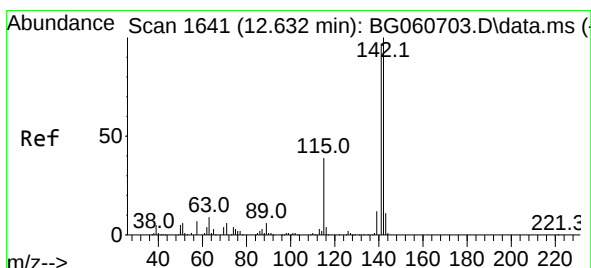
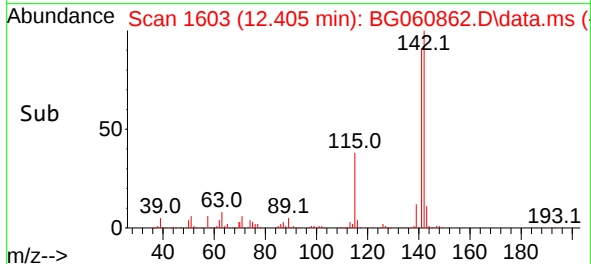
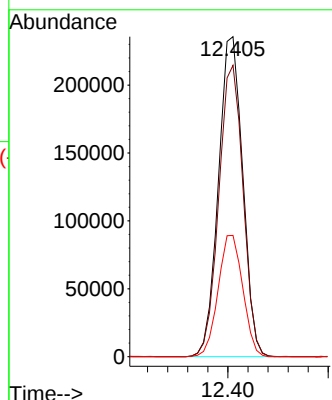
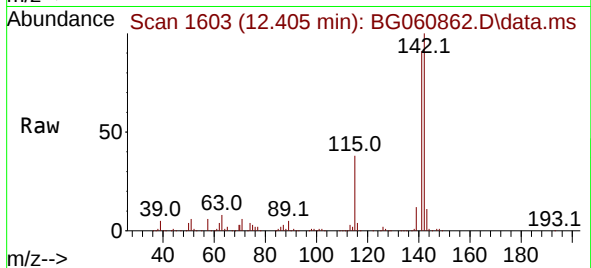
#37
2-Methylnaphthalene
Concen: 40.850 ng
RT: 12.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:142 Resp: 39580
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
115 37.9 29.9 44.9

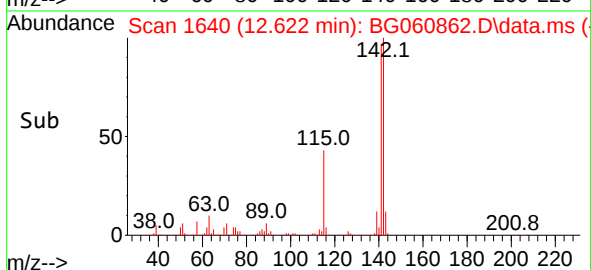
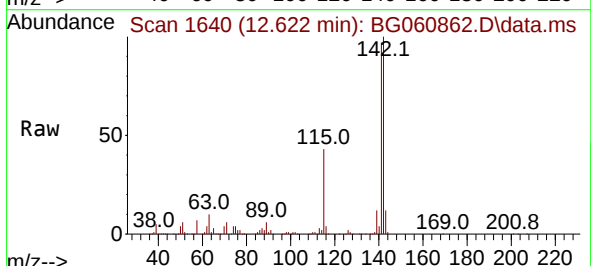
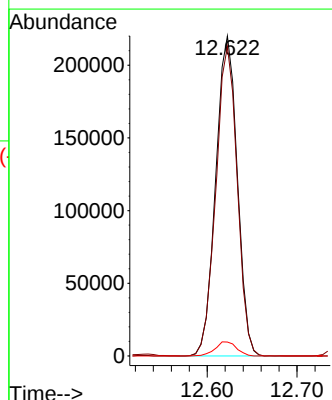
Manual Integrations
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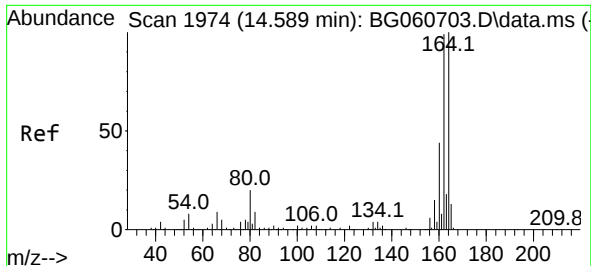
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#38
1-Methylnaphthalene
Concen: 40.084 ng
RT: 12.622 min Scan# 1640
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

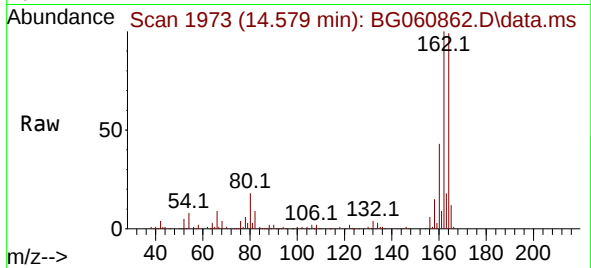
Tgt Ion:142 Resp: 366900
Ion Ratio Lower Upper
142 100
141 96.8 77.7 116.5
116 4.4 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1974
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

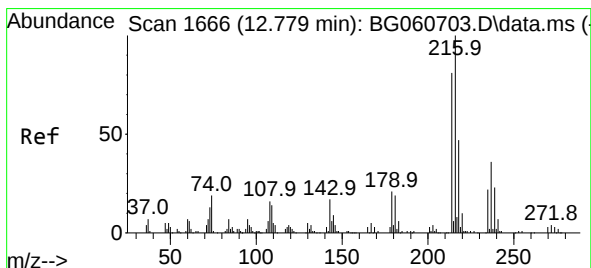
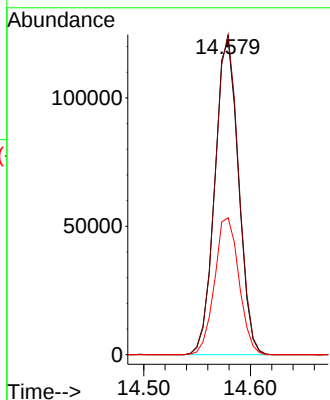
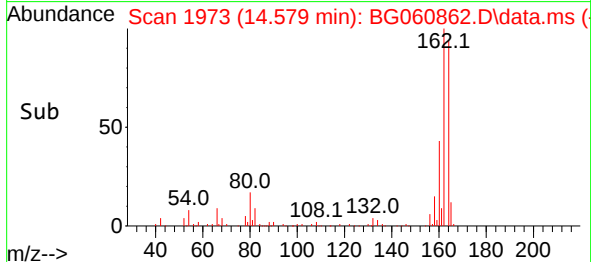
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:164 Resp: 18941
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.4 35.4 53.0

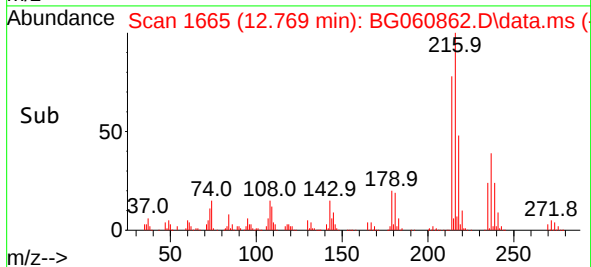
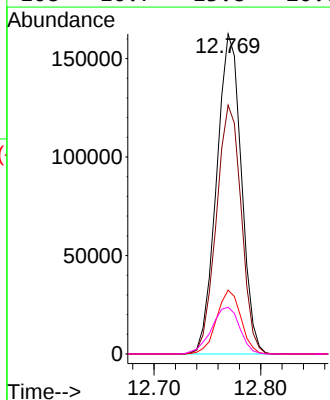
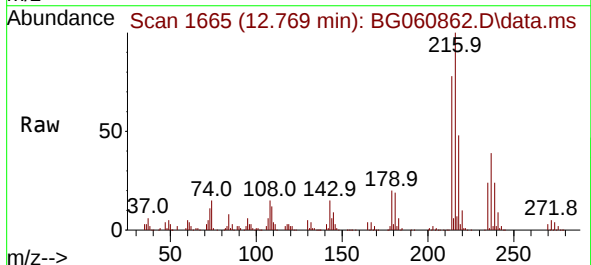
Manual Integrations
APPROVED

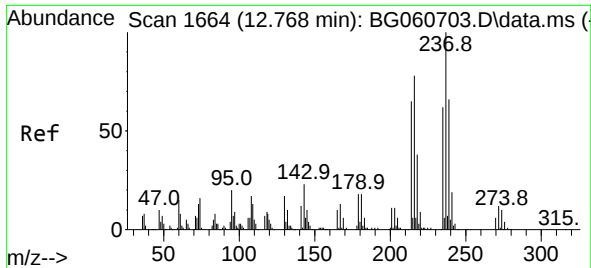
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.156 ng
RT: 12.769 min Scan# 1665
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

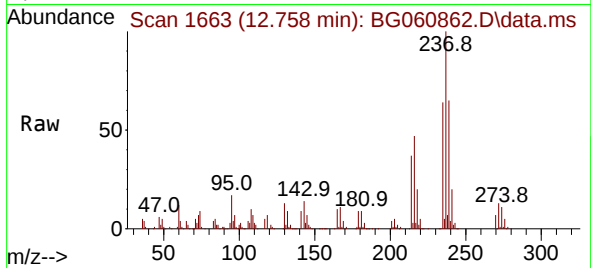
Tgt Ion:216 Resp: 262227
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 19.6 16.7 25.1
108 16.7 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 99.456 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

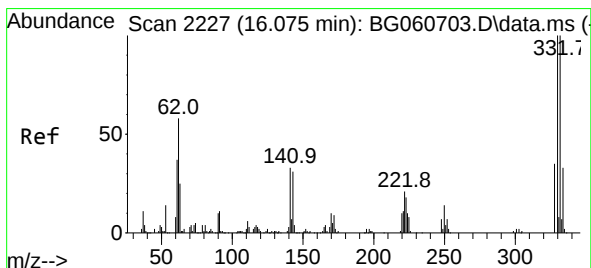
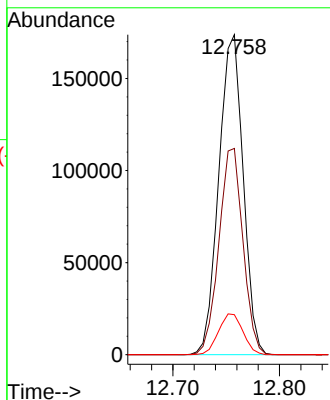
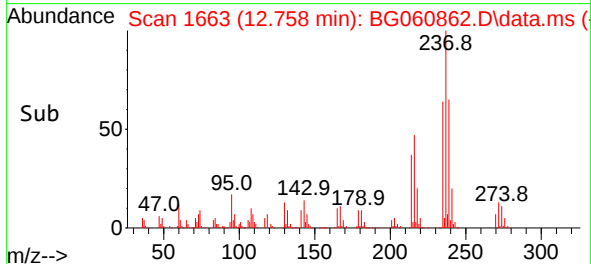
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



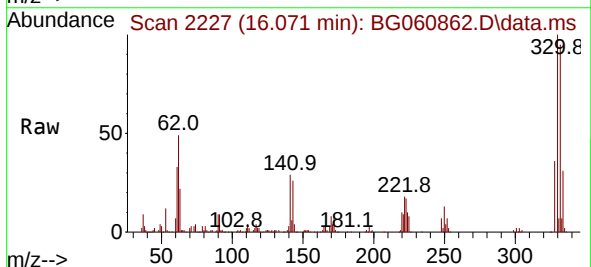
Tgt Ion:237 Resp: 27537
Ion Ratio Lower Upper
237 100
235 64.5 42.0 82.0
272 12.5 0.0 32.4

Manual Integrations
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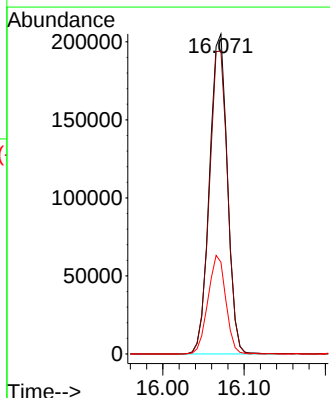
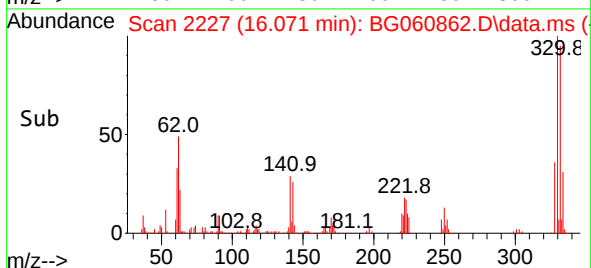
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

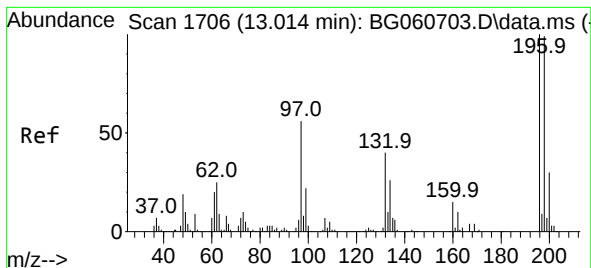


#42
2,4,6-Tribromophenol
Concen: 145.122 ng
RT: 16.071 min Scan# 2227
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



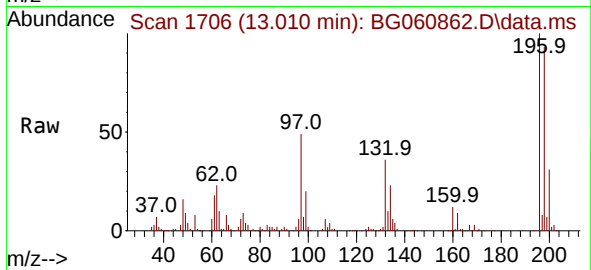
Tgt Ion:330 Resp: 312031
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 30.7 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 51.114 ng
RT: 13.010 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

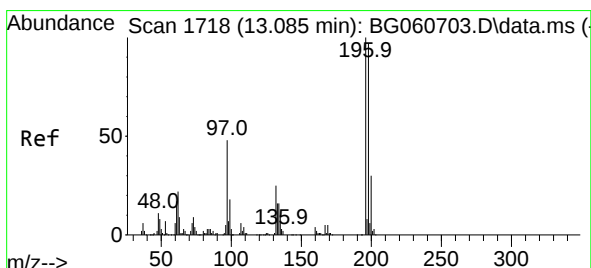
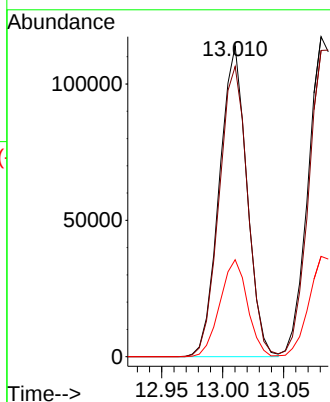
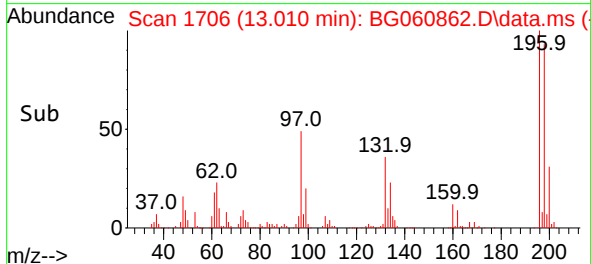
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:196 Resp: 17922
Ion Ratio Lower Upper
196 100
198 93.3 79.1 118.7
200 31.2 24.0 36.0

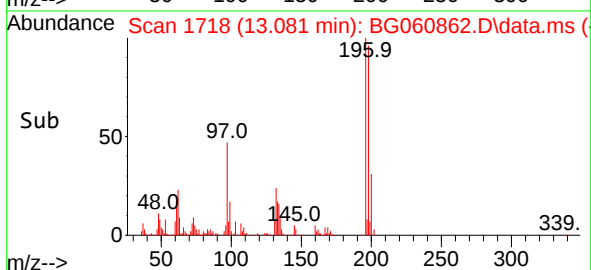
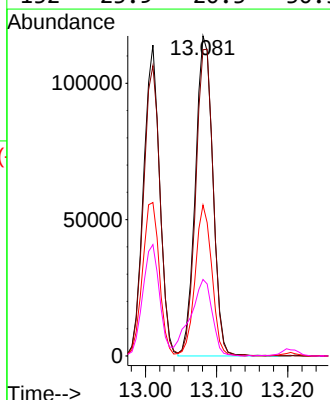
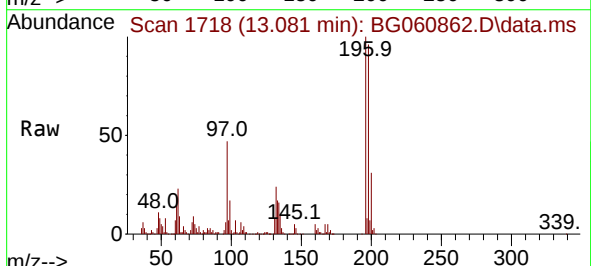
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#44
2,4,5-Trichlorophenol
Concen: 48.041 ng
RT: 13.081 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

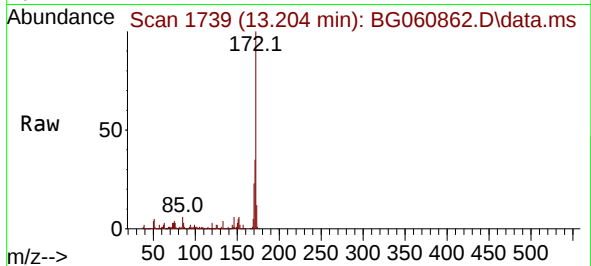
Tgt Ion:196 Resp: 201022
Ion Ratio Lower Upper
196 100
198 95.7 77.8 116.8
97 47.2 38.2 57.4
132 23.9 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 65.093 ng
RT: 13.204 min Scan# 1739
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

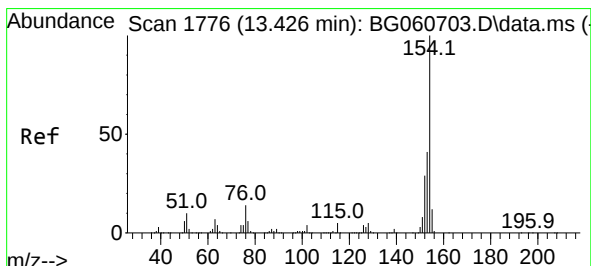
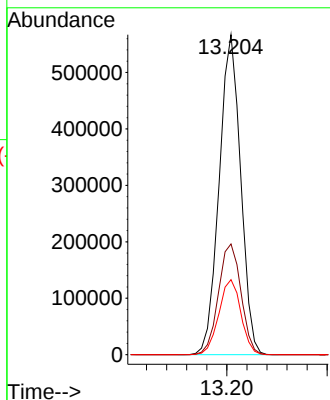
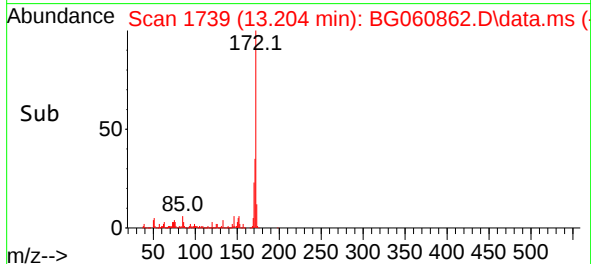
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



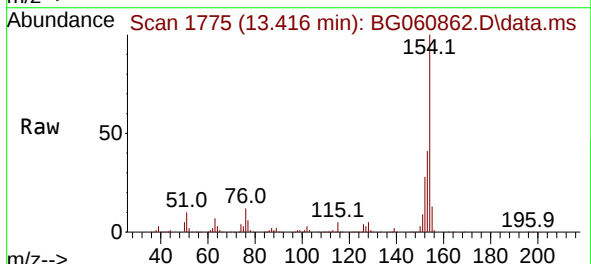
Tgt Ion:172 Resp: 840079
Ion Ratio Lower Upper
172 100
171 34.6 28.7 43.1
170 23.4 19.4 29.0

Manual Integrations
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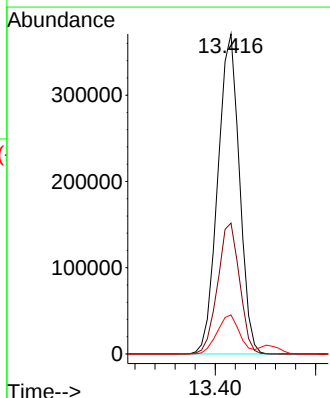
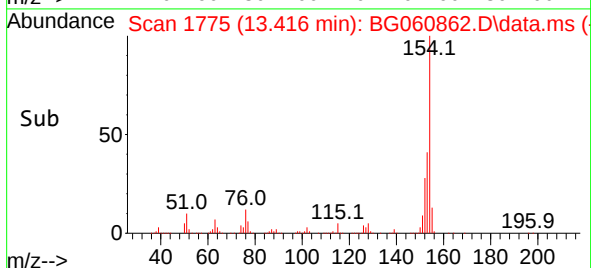
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

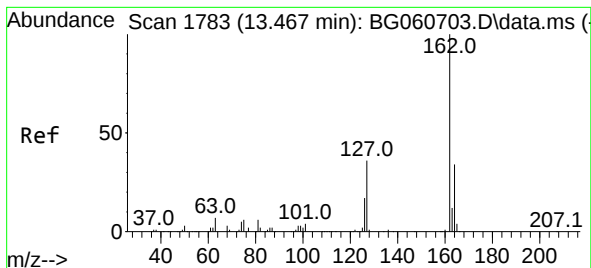


#46
1,1'-Biphenyl
Concen: 41.432 ng
RT: 13.416 min Scan# 1775
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



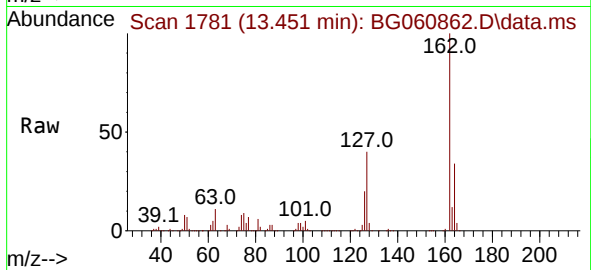
Tgt Ion:154 Resp: 554314
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.2 0.0 33.9





#47
2-Chloronaphthalene
Concen: 42.637 ng
RT: 13.451 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

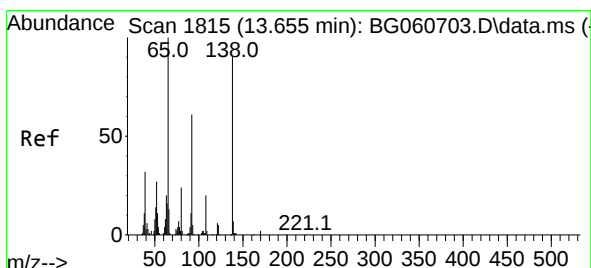
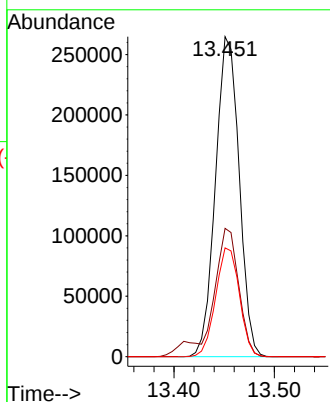
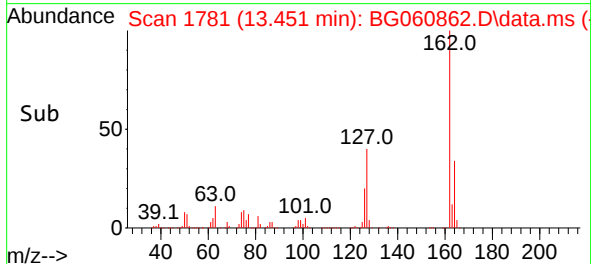
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:162 Resp: 433394
Ion Ratio Lower Upper
162 100
127 40.1 30.6 46.0
164 34.0 26.9 40.3

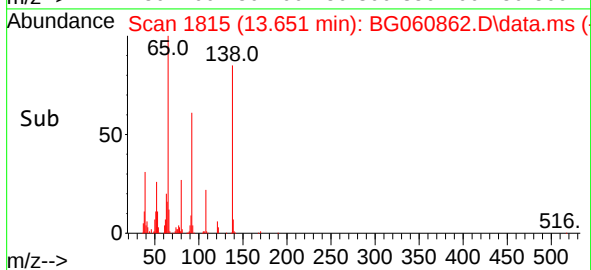
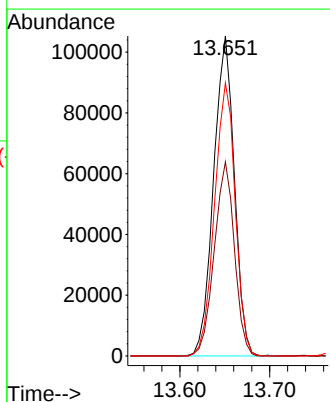
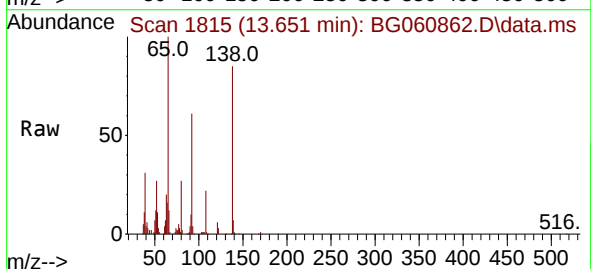
Manual Integrations
APPROVED

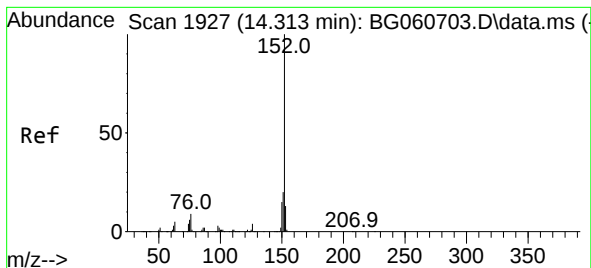
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 50.717 ng
RT: 13.651 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion: 65 Resp: 168794
Ion Ratio Lower Upper
65 100
92 60.7 48.6 72.8
138 85.3 72.2 108.4





#49

Acenaphthylene

Concen: 44.323 ng

RT: 14.303 min Scan# 1926

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

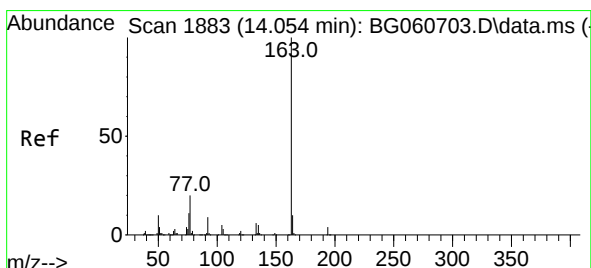
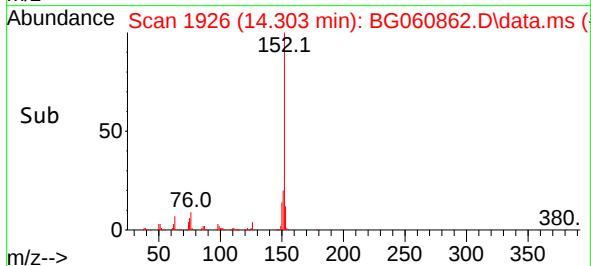
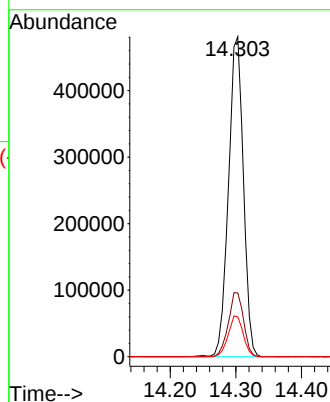
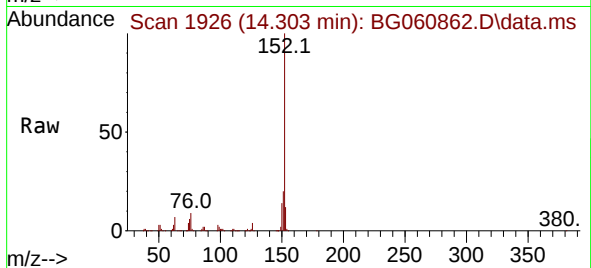
Tgt Ion:152 Resp: 757010
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.4 24.6
 153 12.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#50

Dimethylphthalate

Concen: 40.570 ng

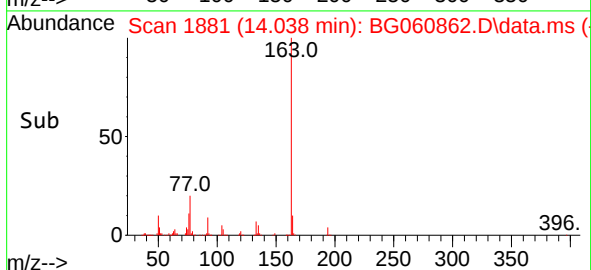
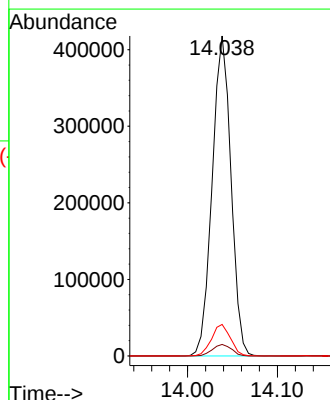
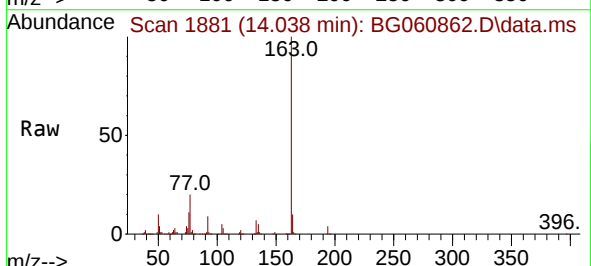
RT: 14.038 min Scan# 1881

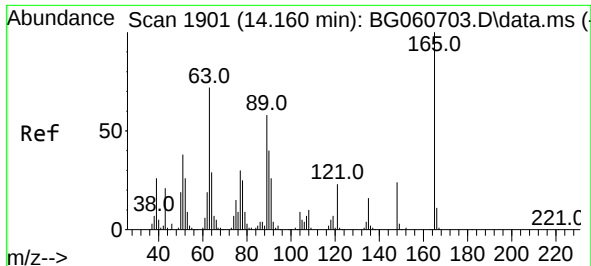
Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Tgt Ion:163 Resp: 607383
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.6
 164 9.8 7.9 11.9





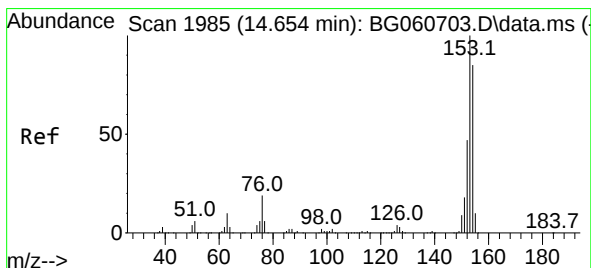
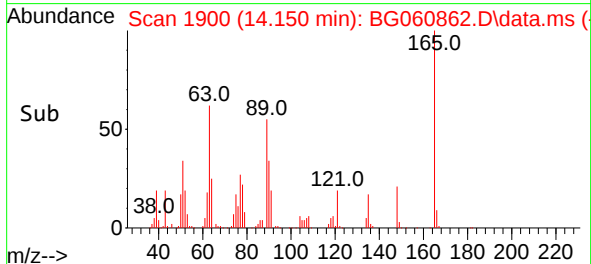
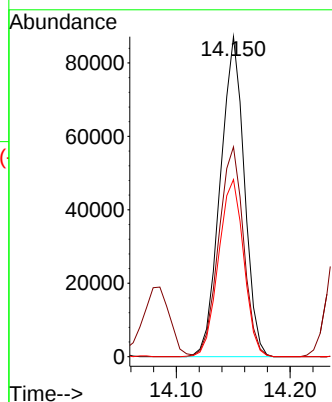
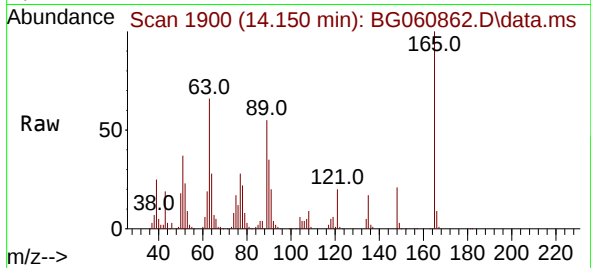
#51
2,6-Dinitrotoluene
Concen: 47.774 ng
RT: 14.150 min Scan# 1901
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:165 Resp: 12801
Ion Ratio Lower Upper
165 100
63 65.6 58.2 87.4
89 55.3 46.1 69.1

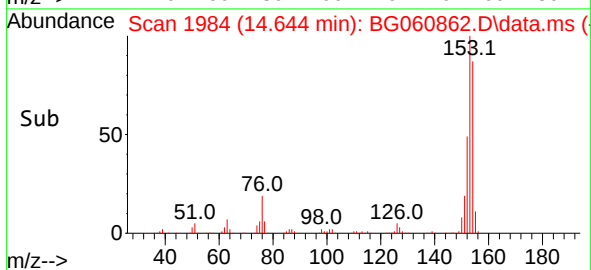
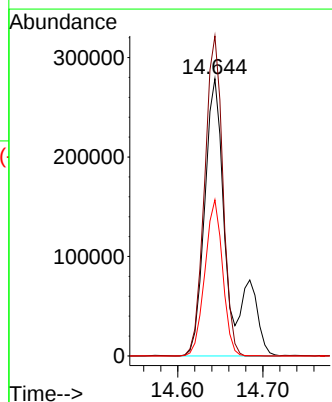
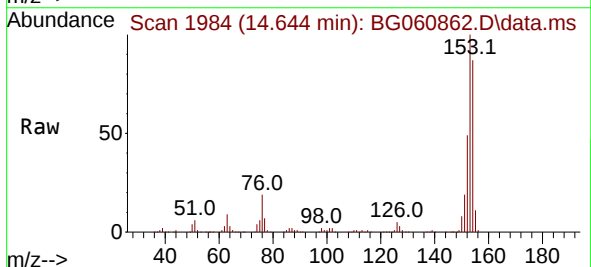
Manual Integrations
APPROVED

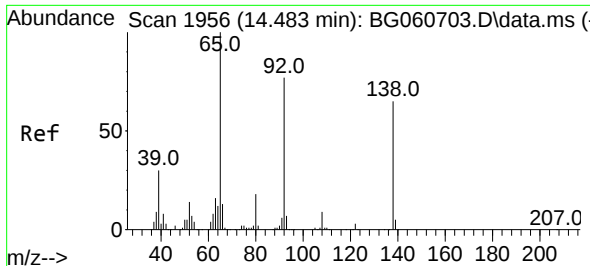
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 49.106 ng m
RT: 14.644 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:154 Resp: 526594
Ion Ratio Lower Upper
154 100
153 115.4 93.9 140.9
152 56.3 44.1 66.1





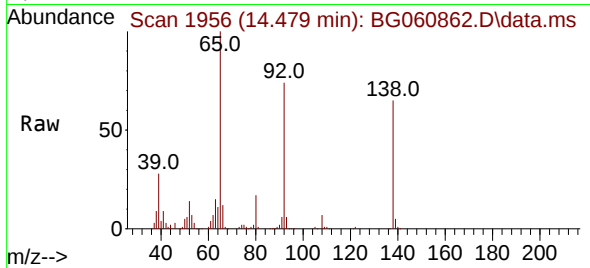
#53
3-Nitroaniline
Concen: 29.991 ng
RT: 14.479 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



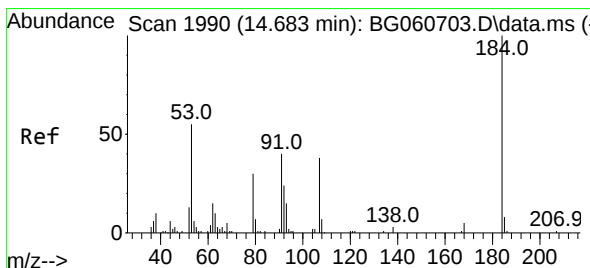
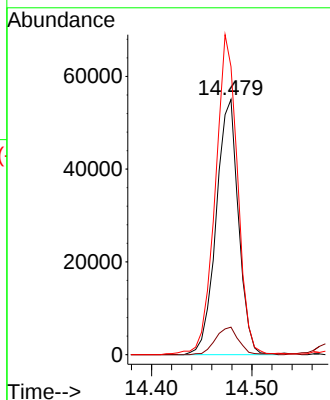
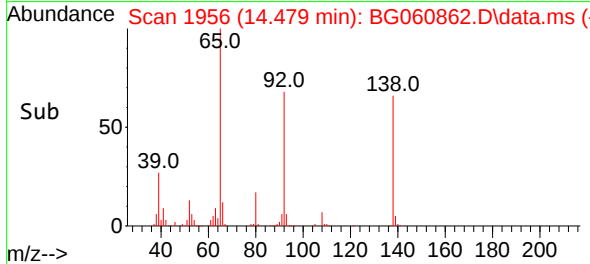
Tgt Ion:138 Resp: 8484
Ion Ratio Lower Upper
138 100
108 10.8 11.3 16.9
92 112.9 94.1 141.1

Manual Integrations

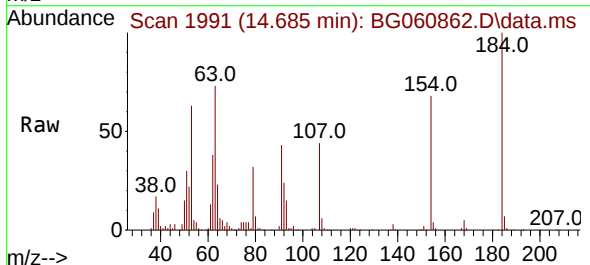
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

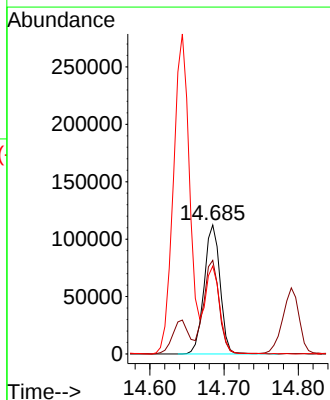
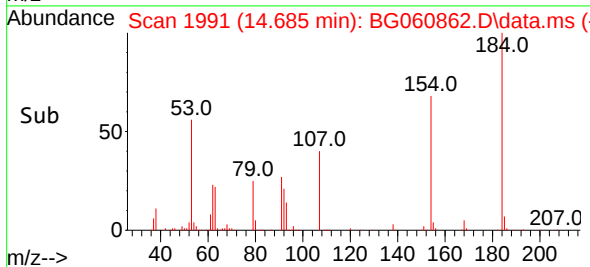
Supervised By :mohammad ahmed 04/17/2024

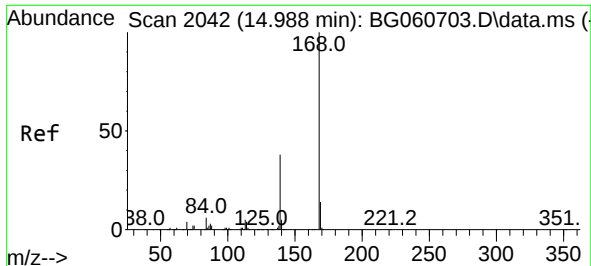


#54
2,4-Dinitrophenol
Concen: 161.026 ng
RT: 14.685 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



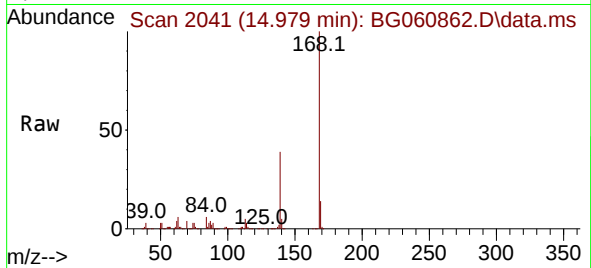
Tgt Ion:184 Resp: 167803
Ion Ratio Lower Upper
184 100
63 72.7 51.3 76.9
154 68.1 59.9 89.9





#55
Dibenzenofuran
Concen: 41.640 ng
RT: 14.979 min Scan# 2042
Delta R.T. -0.009 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

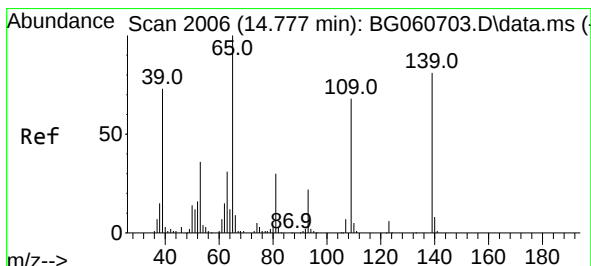
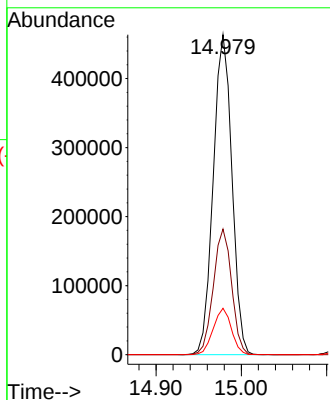
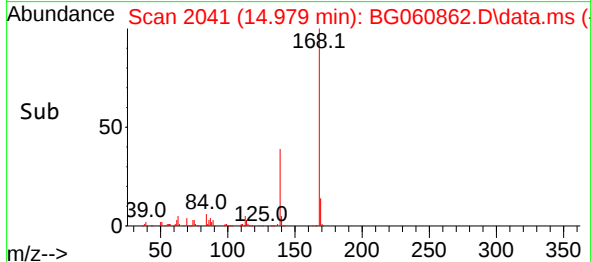
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:168 Resp: 70433
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.5 11.0 16.4

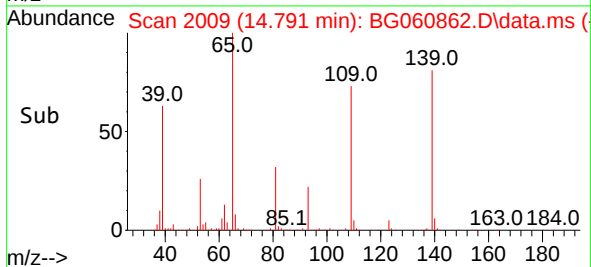
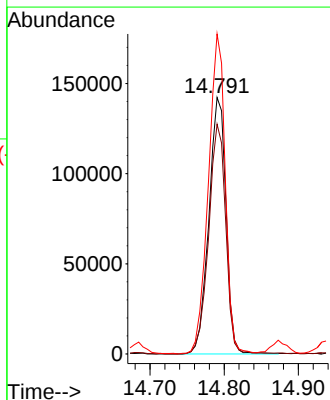
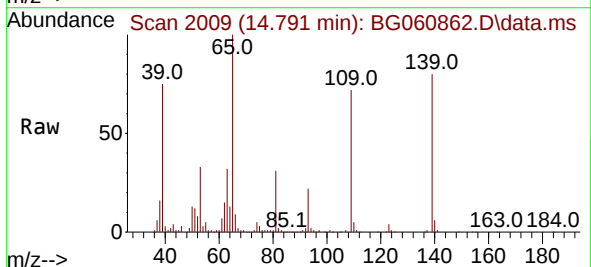
Manual Integrations
APPROVED

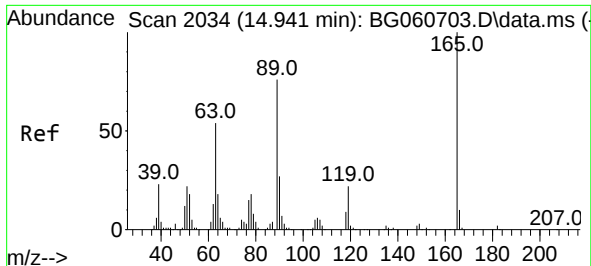
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 104.650 ng
RT: 14.791 min Scan# 2009
Delta R.T. 0.014 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:139 Resp: 229040
Ion Ratio Lower Upper
139 100
109 89.5 64.0 104.0
65 124.7 104.3 144.3





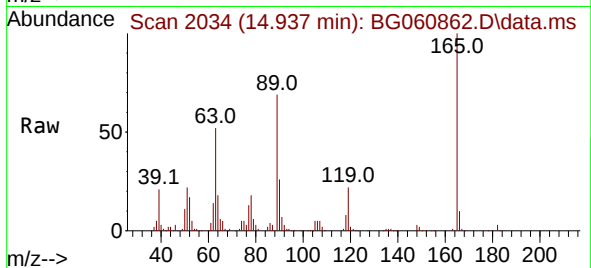
#57
2,4-Dinitrotoluene
Concen: 52.511 ng
RT: 14.937 min Scan# 2034
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

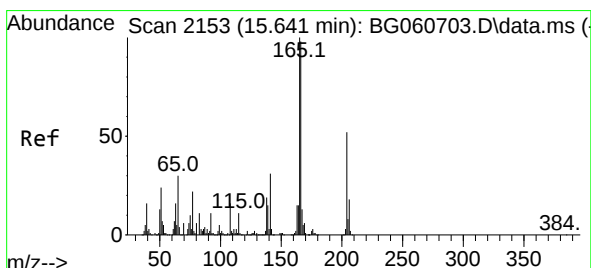
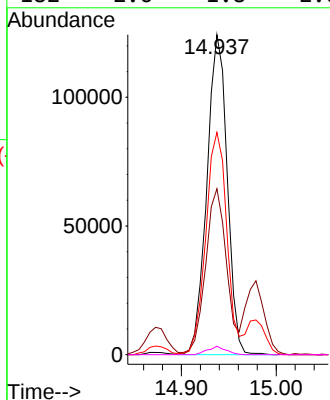
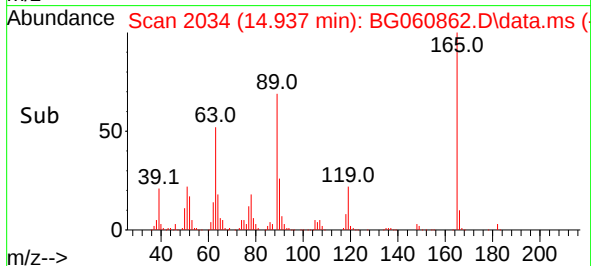


Tgt Ion:165 Resp: 185049
Ion Ratio Lower Upper
165 100
63 51.9 43.4 65.0
89 69.5 61.0 91.6
182 2.6 1.8 2.6#

Manual Integrations

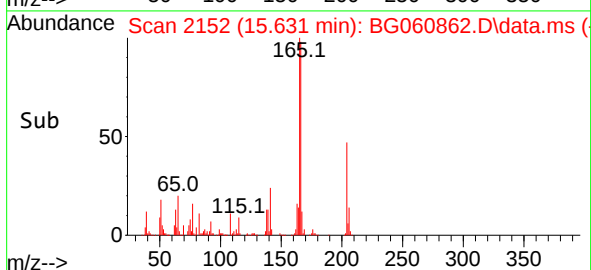
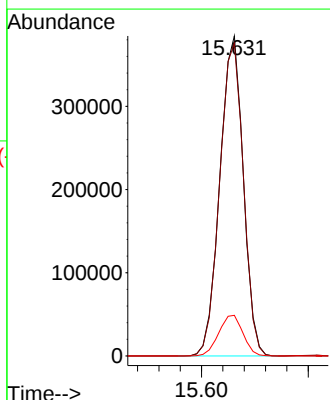
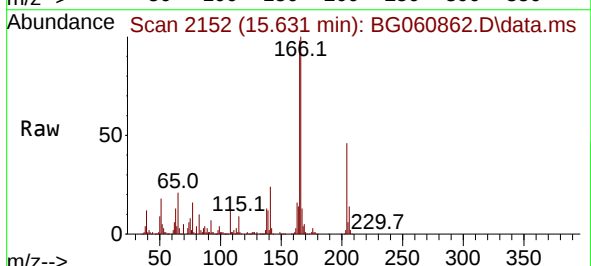
APPROVED

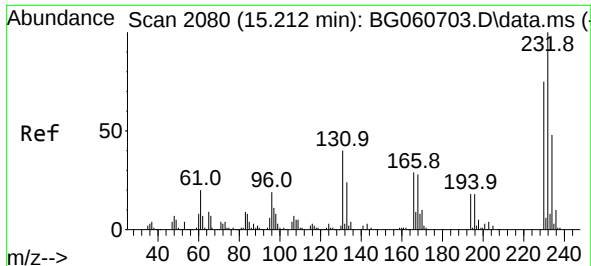
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#58
Fluorene
Concen: 43.129 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

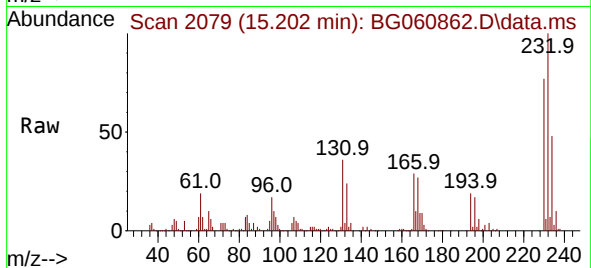
Tgt Ion:166 Resp: 585490
Ion Ratio Lower Upper
166 100
165 97.7 81.8 122.8
167 12.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.422 ng
RT: 15.202 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

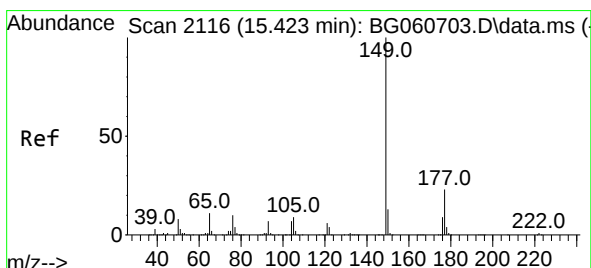
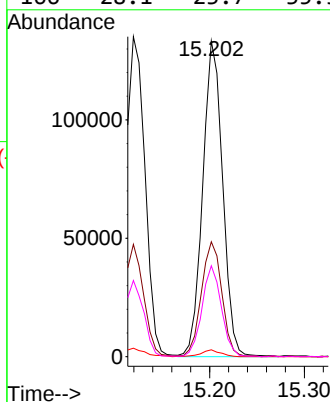
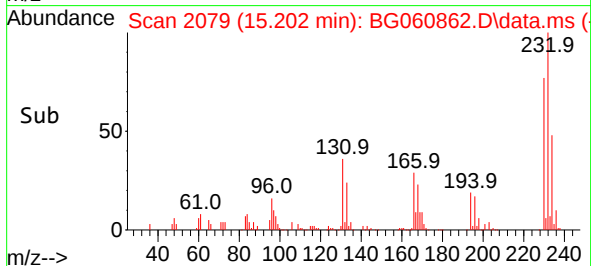
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



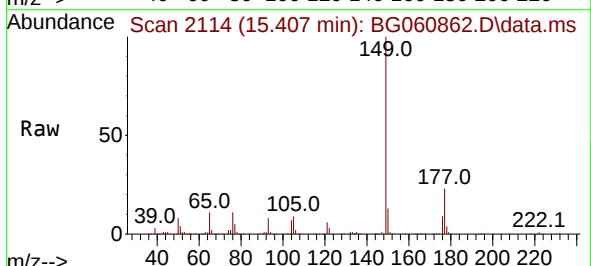
Tgt Ion:232 Resp: 194809
Ion Ratio Lower Upper
232 100
131 37.4 32.2 48.2
130 2.1 2.1 3.1
166 28.1 23.7 35.5

Manual Integrations
APPROVED

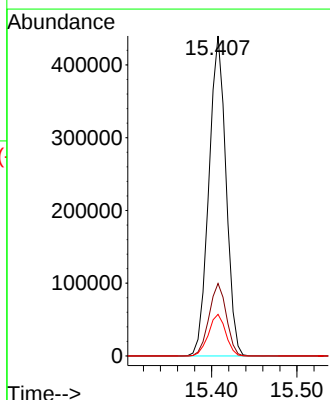
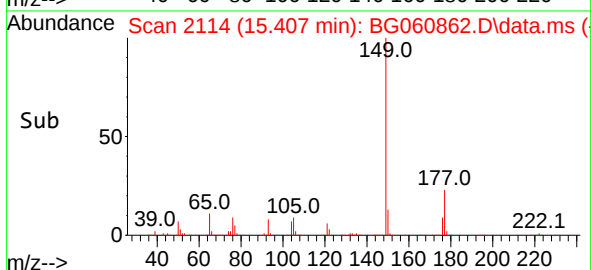
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#60
Diethylphthalate
Concen: 40.708 ng
RT: 15.407 min Scan# 2114
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



Tgt Ion:149 Resp: 613156
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.895 ng
RT: 15.625 min Scan# 2151
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

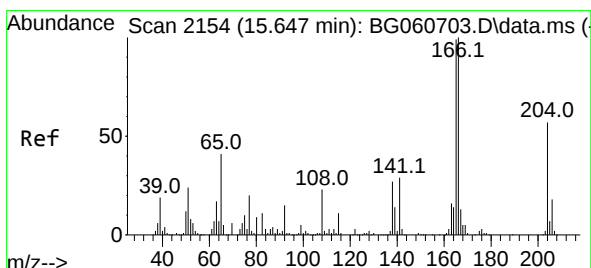
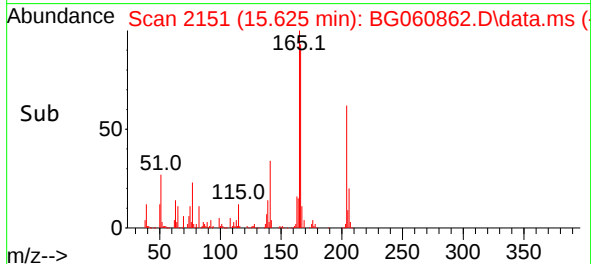
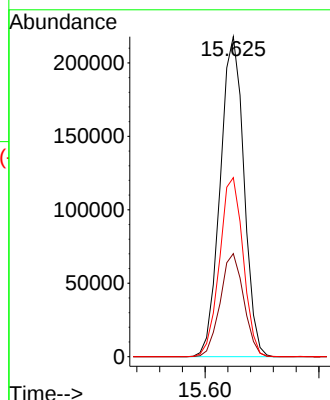
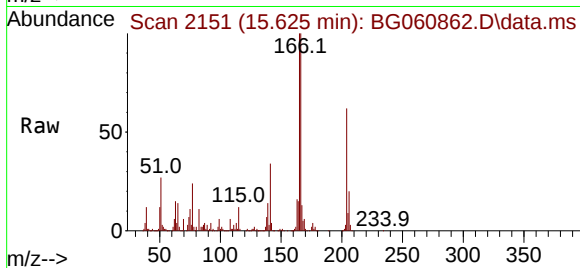
TP-5MSD

Tgt Ion:204 Resp: 315249
Ion Ratio Lower Upper
204 100
206 32.2 28.3 42.5
141 56.0 47.2 70.8

Manual Integrations

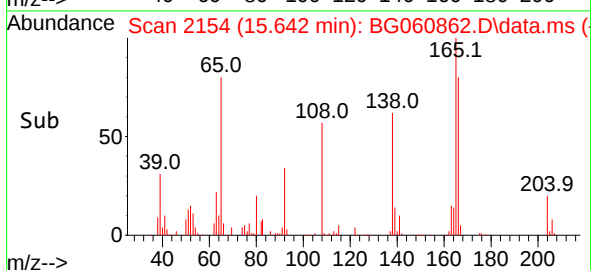
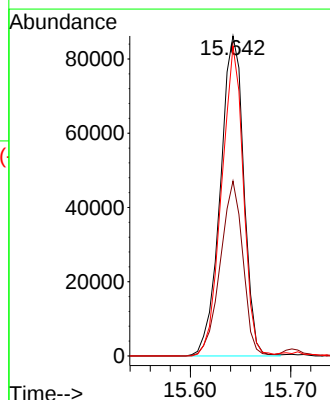
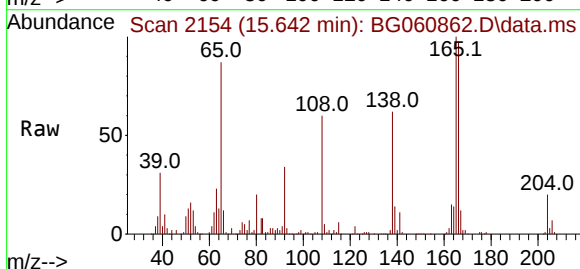
APPROVED

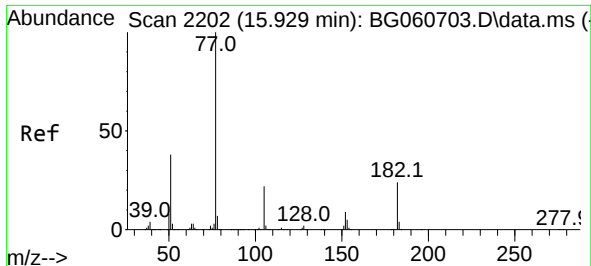
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#62
4-Nitroaniline
Concen: 50.966 ng
RT: 15.642 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:138 Resp: 139505
Ion Ratio Lower Upper
138 100
92 54.6 36.8 76.8
108 96.9 66.9 106.9





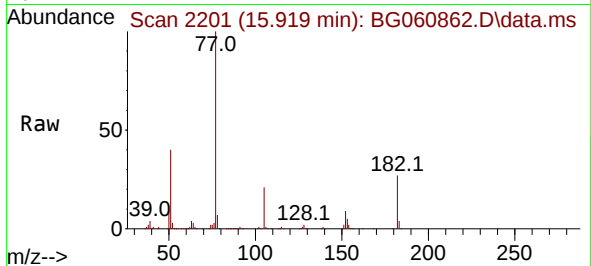
#63
Azobenzene
Concen: 40.436 ng
RT: 15.919 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



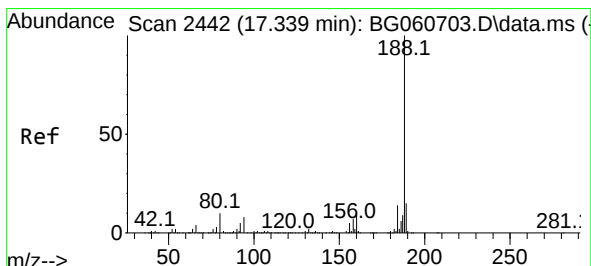
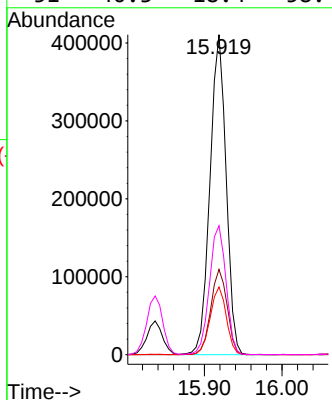
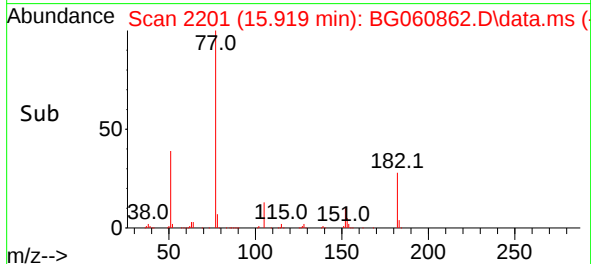
Tgt Ion: 77 Resp: 59349
Ion Ratio Lower Upper
77 100
182 26.7 3.9 43.9
105 21.1 1.7 41.7
51 40.3 18.4 58.4

Manual Integrations

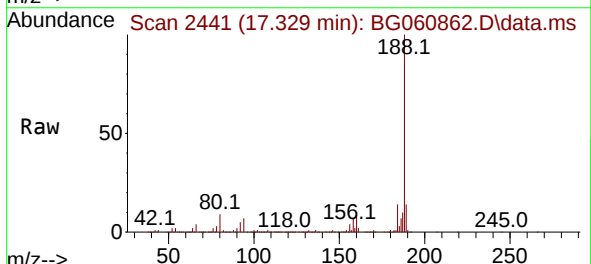
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

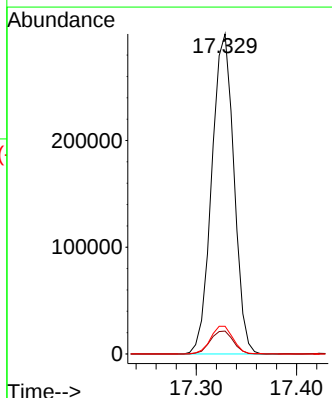
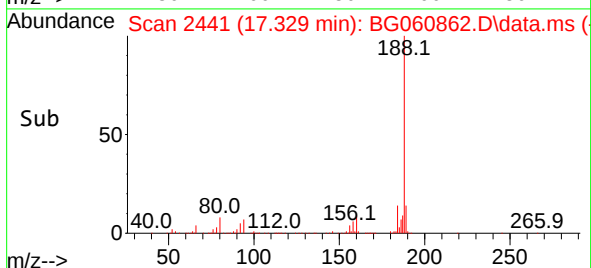
Supervised By :mohammad ahmed 04/17/2024

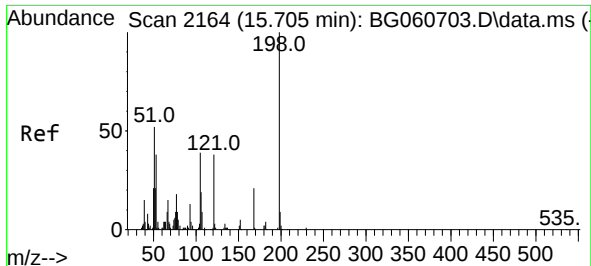


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2441
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



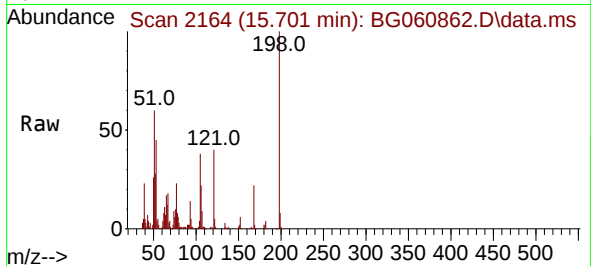
Tgt Ion:188 Resp: 460485
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 8.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 60.628 ng
RT: 15.701 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

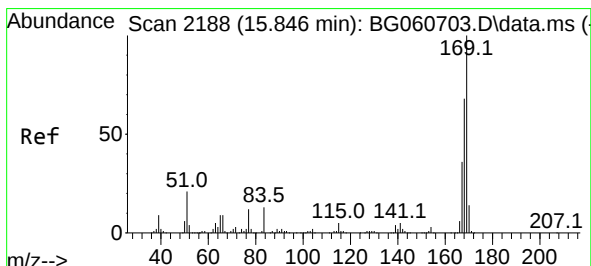
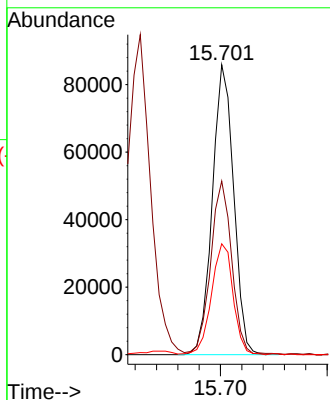
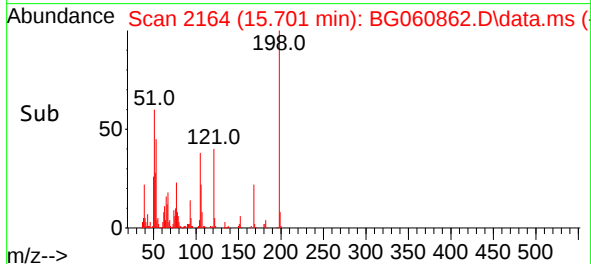
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



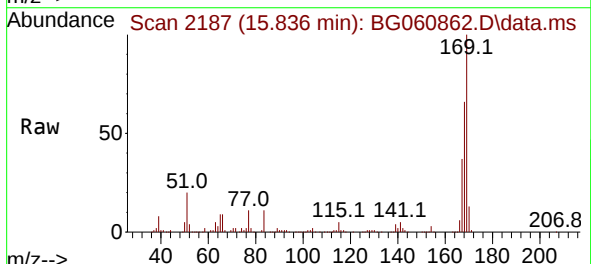
Tgt Ion:198 Resp: 119336
Ion Ratio Lower Upper
198 100
51 59.9 36.7 76.7
105 38.2 19.1 59.1

Manual Integrations
APPROVED

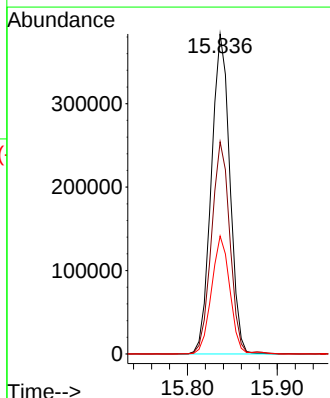
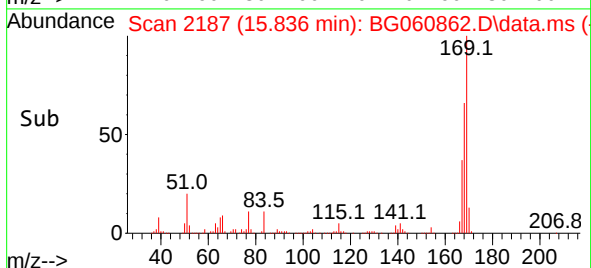
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

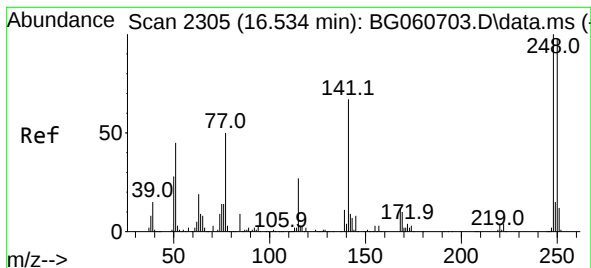


#66
n-Nitrosodiphenylamine
Concen: 41.673 ng
RT: 15.836 min Scan# 2187
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



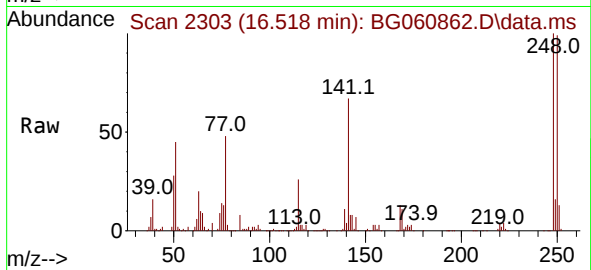
Tgt Ion:169 Resp: 548371
Ion Ratio Lower Upper
169 100
168 66.3 54.5 81.7
167 36.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.164 ng
RT: 16.518 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

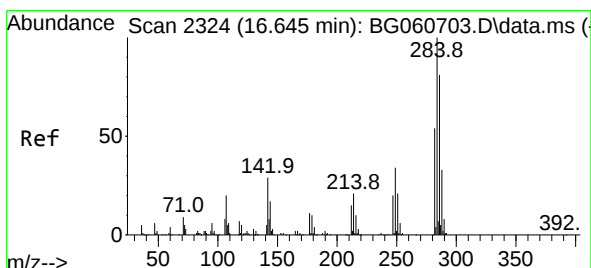
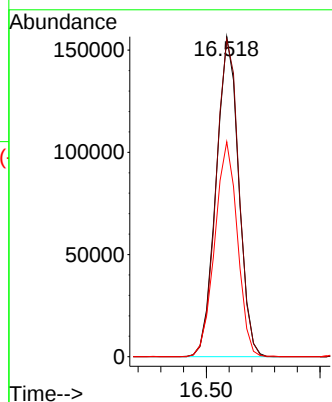
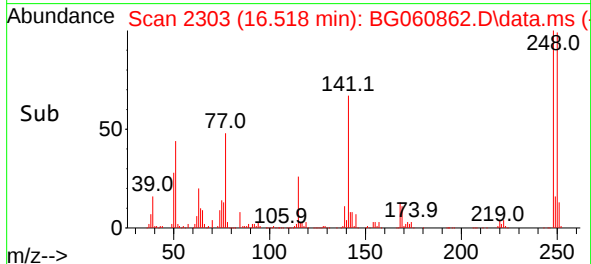
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



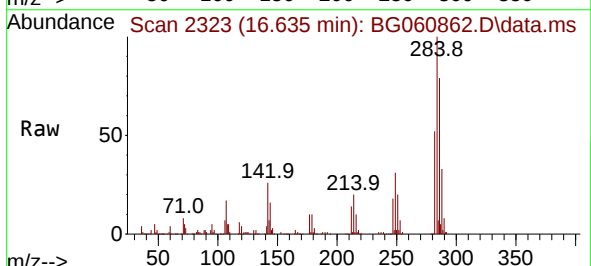
Tgt Ion:248 Resp: 21574
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 67.2 53.7 80.5

Manual Integrations
APPROVED

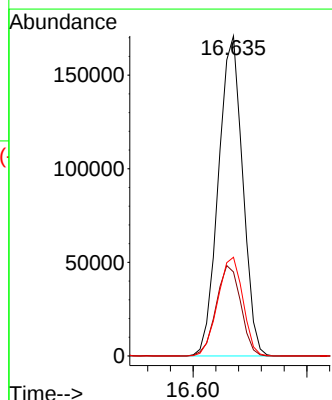
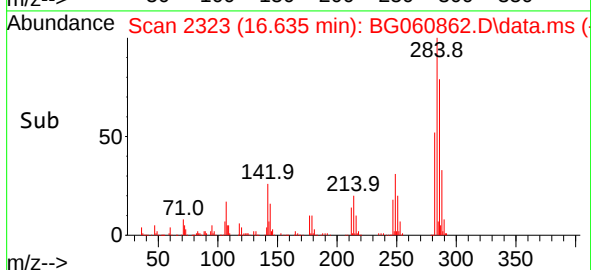
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

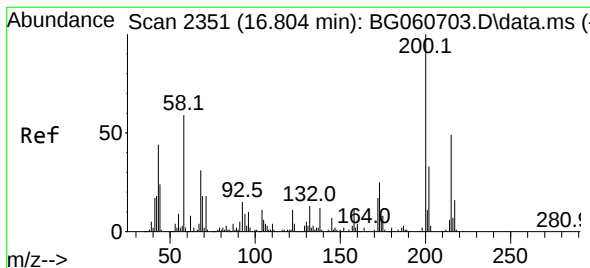


#68
Hexachlorobenzene
Concen: 47.918 ng
RT: 16.635 min Scan# 2323
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53



Tgt Ion:284 Resp: 252796
Ion Ratio Lower Upper
284 100
142 26.2 22.9 34.3
249 30.9 27.1 40.7





#69

Atrazine

Concen: 46.001 ng

RT: 16.794 min Scan# 21168

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:200 Resp: 21168

Ion Ratio Lower Upper

200 100

173 23.2 5.2 45.2

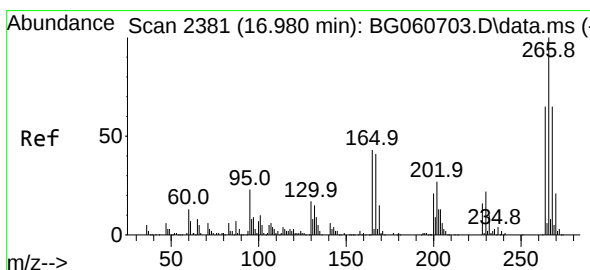
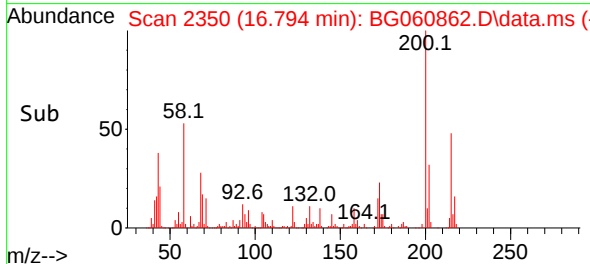
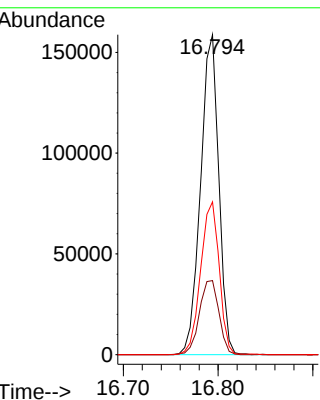
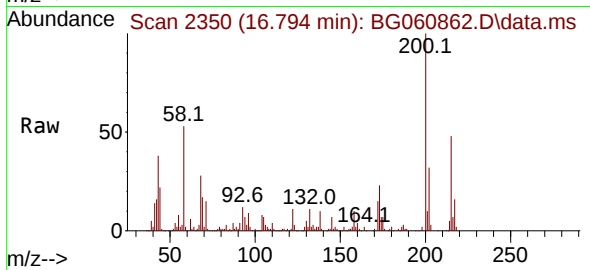
215 47.8 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#70

Pentachlorophenol

Concen: 98.764 ng

RT: 16.976 min Scan# 2381

Delta R.T. -0.004 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

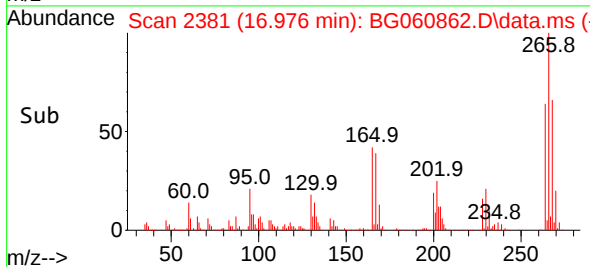
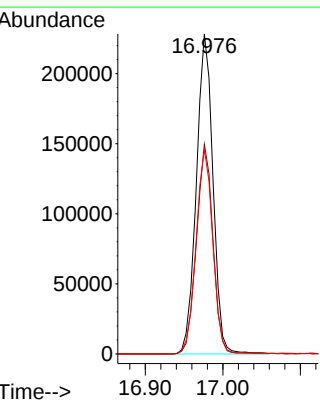
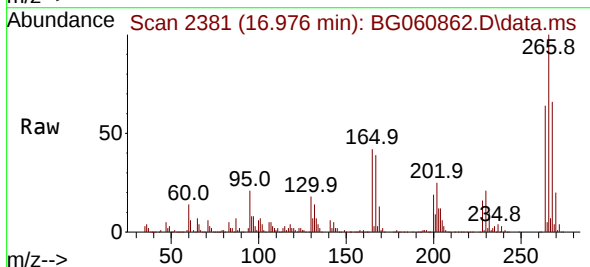
Tgt Ion:266 Resp: 339978

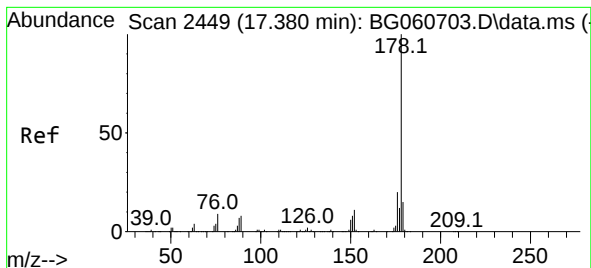
Ion Ratio Lower Upper

266 100

268 65.6 52.2 78.4

264 63.9 51.8 77.6





#71

Phenanthrene

Concen: 41.290 ng

RT: 17.370 min Scan# 2449

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:178 Resp: 988838

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

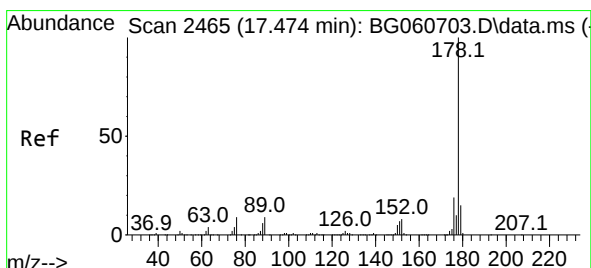
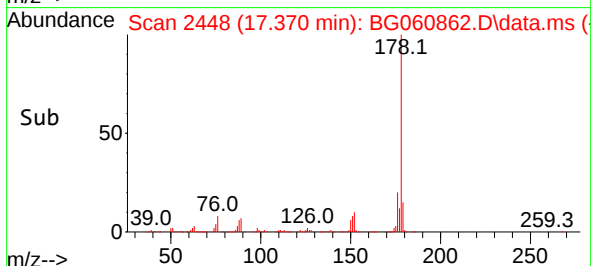
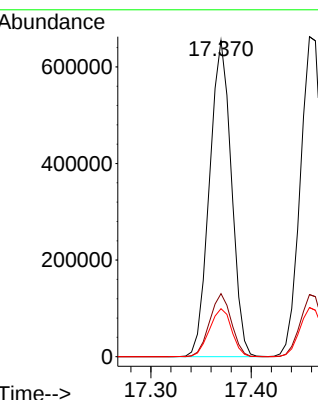
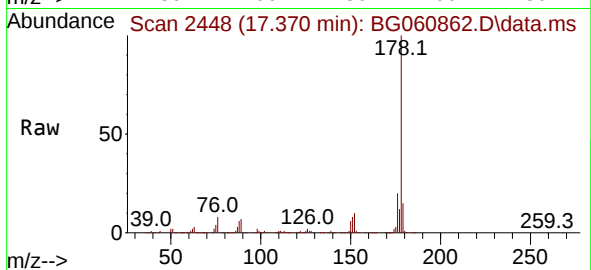
179 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#72

Anthracene

Concen: 41.674 ng

RT: 17.458 min Scan# 2463

Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

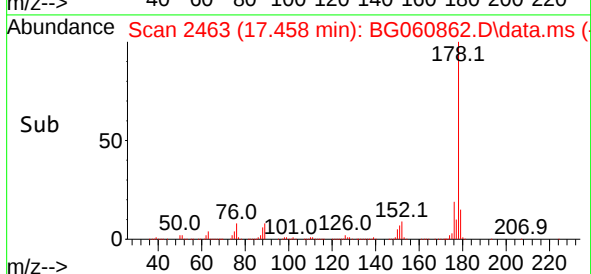
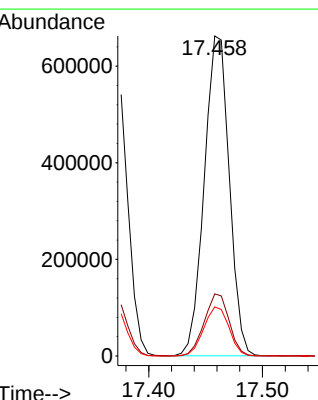
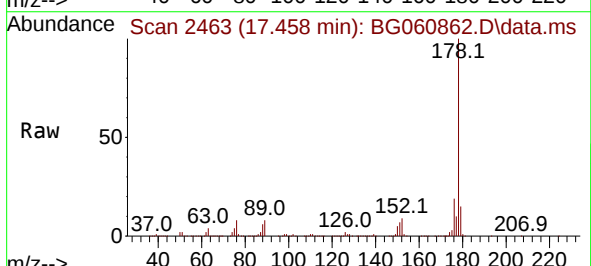
Tgt Ion:178 Resp: 1013570

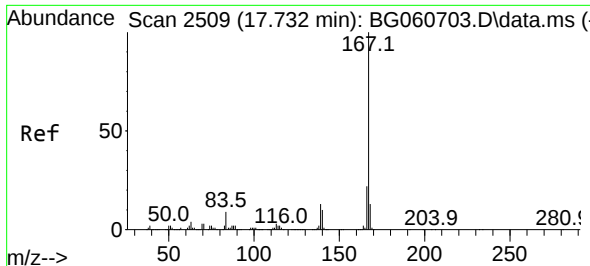
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.3 12.2 18.2





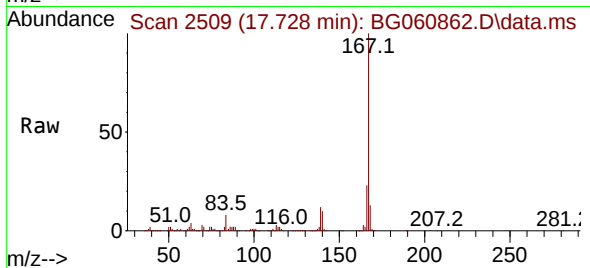
#73
 Carbazole
 Concen: 41.482 ng
 RT: 17.728 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060862.D
 Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



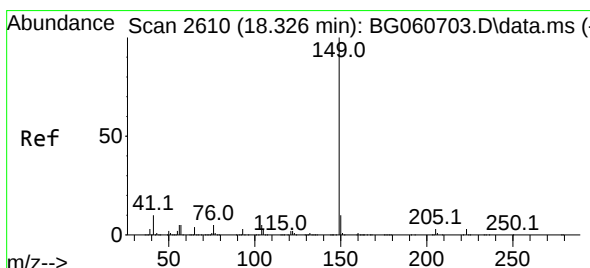
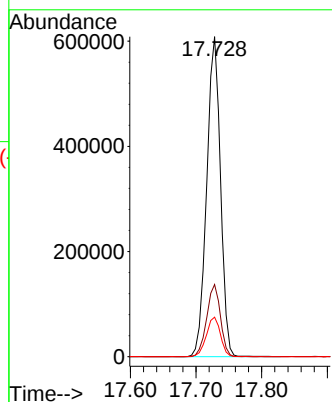
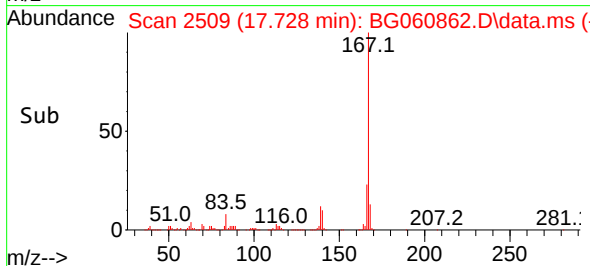
Tgt Ion:167 Resp: 88954
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.4 10.5 15.7

Manual Integrations

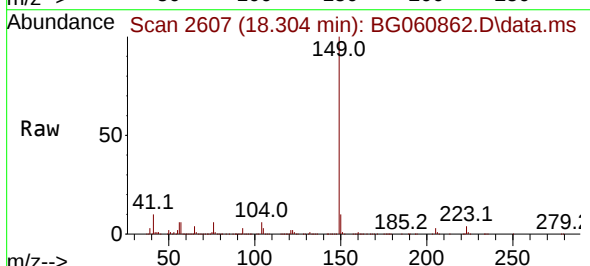
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

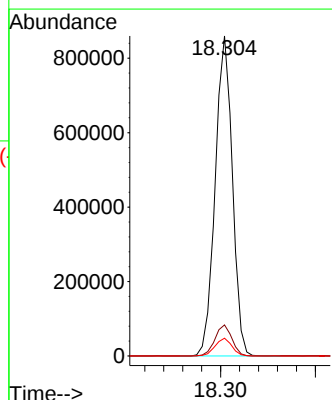
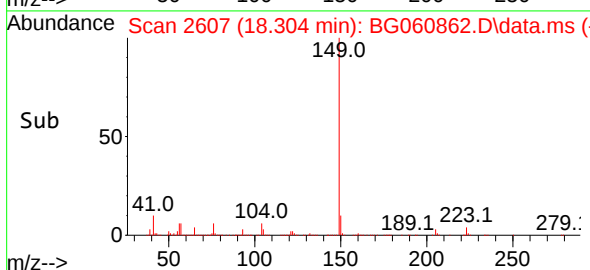
Supervised By :mohammad ahmed 04/17/2024

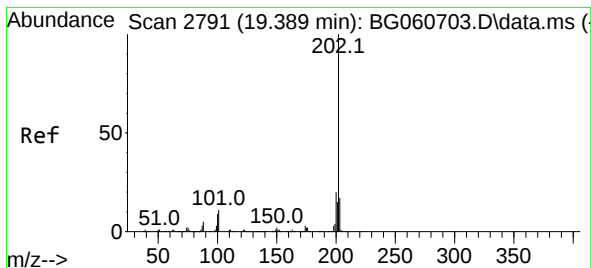


#74
 Di-n-butylphthalate
 Concen: 40.490 ng
 RT: 18.304 min Scan# 2607
 Delta R.T. -0.022 min
 Lab File: BG060862.D
 Acq: 11 Apr 2024 16:53



Tgt Ion:149 Resp: 1082493
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 40.643 ng

RT: 19.379 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:202 Resp: 1181114

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.8

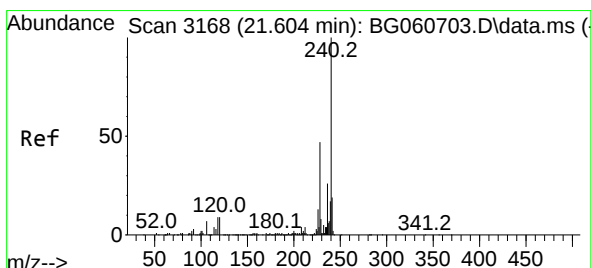
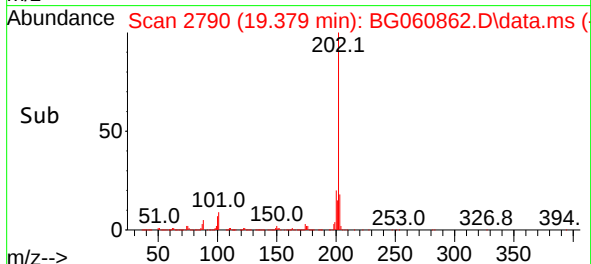
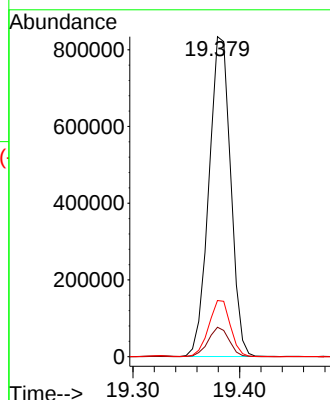
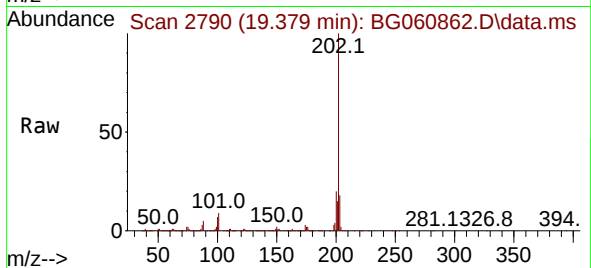
203 17.5 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.588 min Scan# 3166

Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

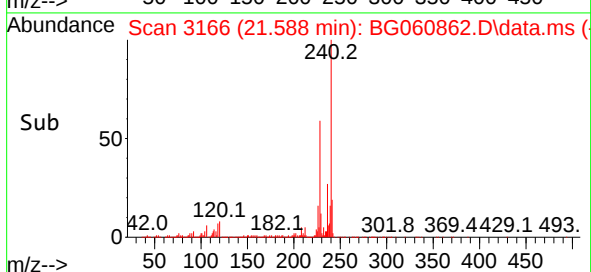
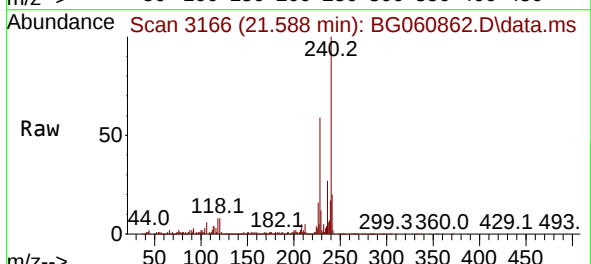
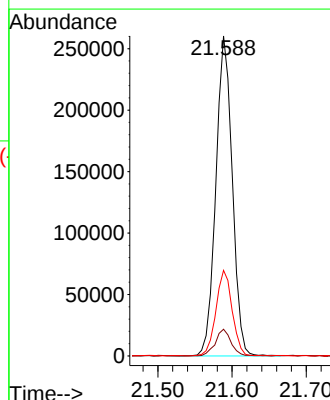
Tgt Ion:240 Resp: 400295

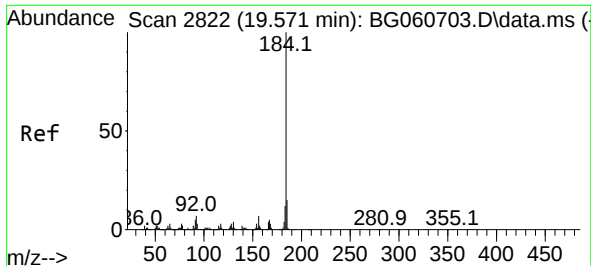
Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 26.7 20.7 31.1





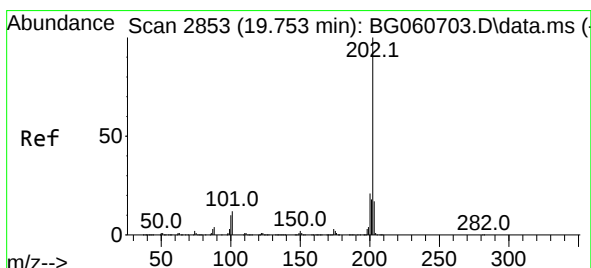
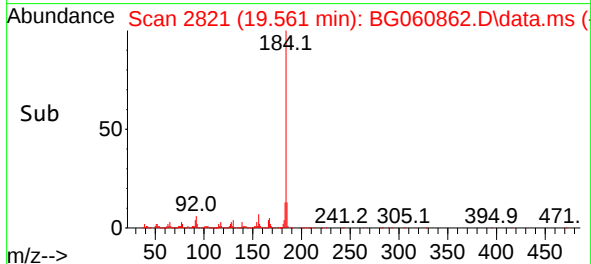
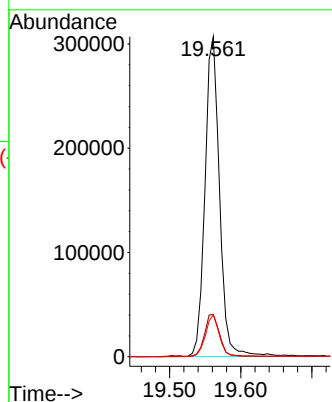
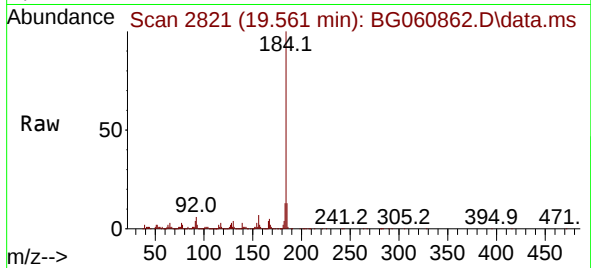
#77
Benzidine
Concen: 41.487 ng
RT: 19.561 min Scan# 2821
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:184 Resp: 437304
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.6
183 13.1 9.5 14.3

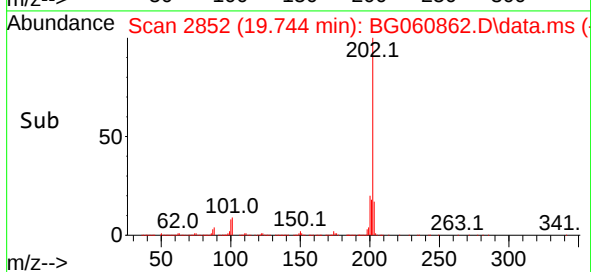
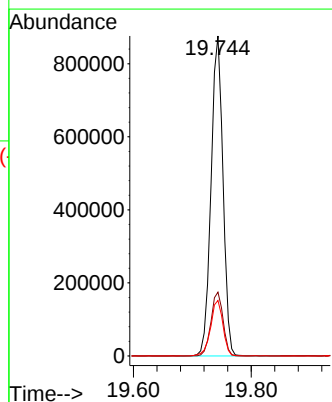
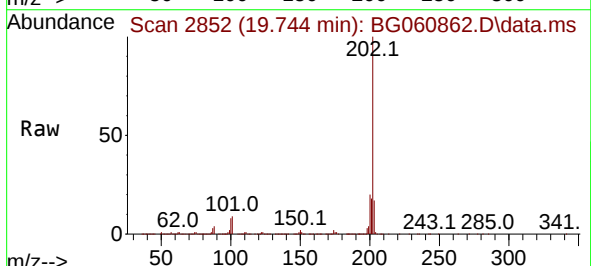
Manual Integrations
APPROVED

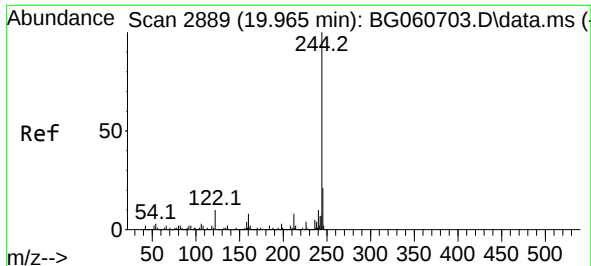
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#78
Pyrene
Concen: 43.904 ng
RT: 19.744 min Scan# 2852
Delta R.T. -0.010 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:202 Resp: 1229137
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.4
203 17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 67.482 ng
 RT: 19.949 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: BG060862.D
 Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

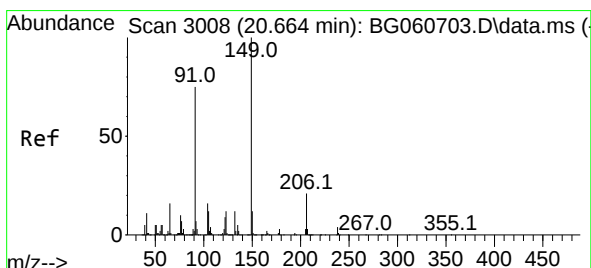
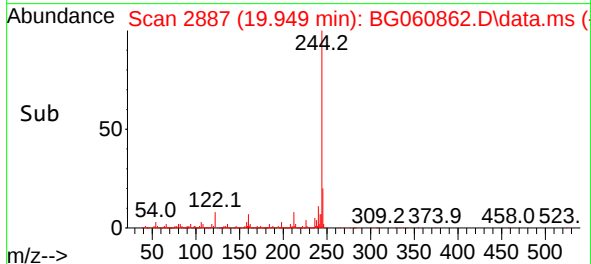
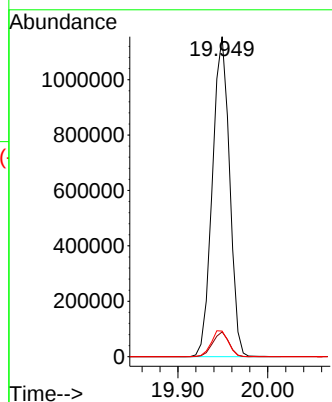
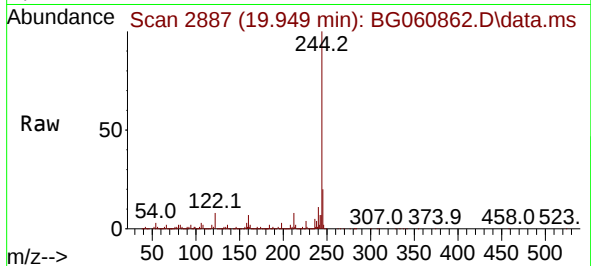
TP-5MSD

Tgt Ion:244 Resp: 153408
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.0 7.8 11.8

Manual Integrations

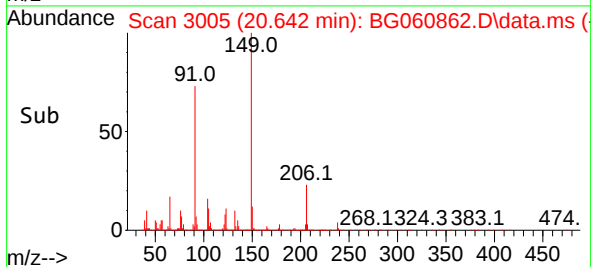
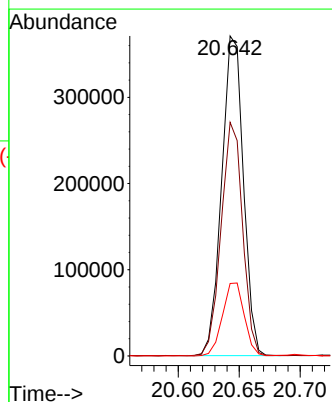
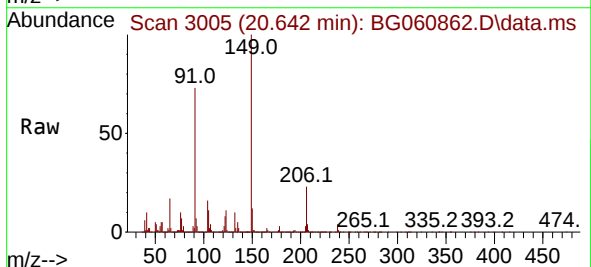
APPROVED

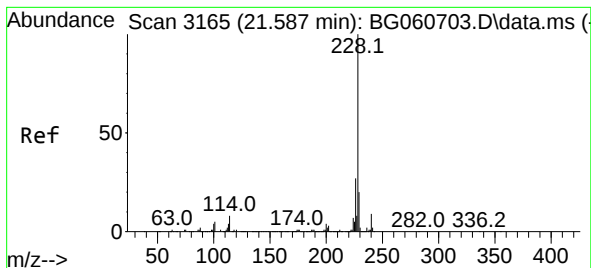
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024



#80
 Butylbenzylphthalate
 Concen: 45.079 ng
 RT: 20.642 min Scan# 3005
 Delta R.T. -0.022 min
 Lab File: BG060862.D
 Acq: 11 Apr 2024 16:53

Tgt Ion:149 Resp: 460368
 Ion Ratio Lower Upper
 149 100
 91 73.0 60.1 90.1
 206 22.6 16.8 25.2





#81

Benzo(a)anthracene

Concen: 43.088 ng

RT: 21.571 min Scan# 3163

Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:228 Resp: 1215789

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

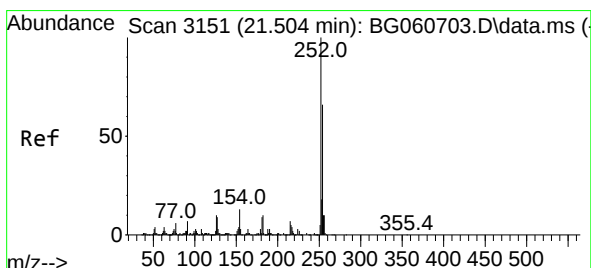
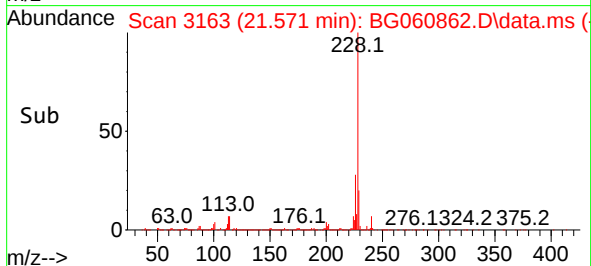
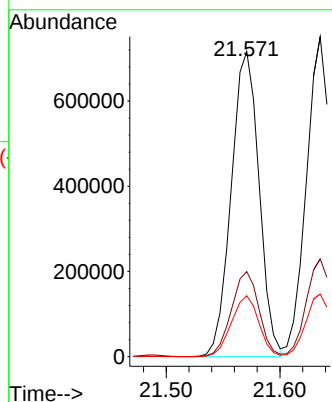
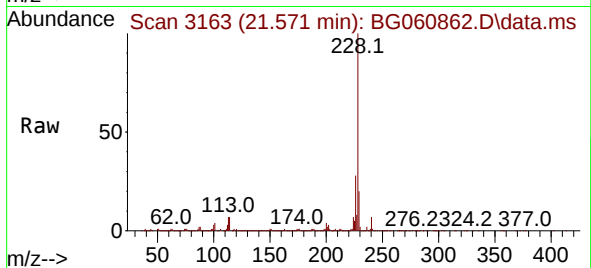
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.968 ng

RT: 21.489 min Scan# 3149

Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

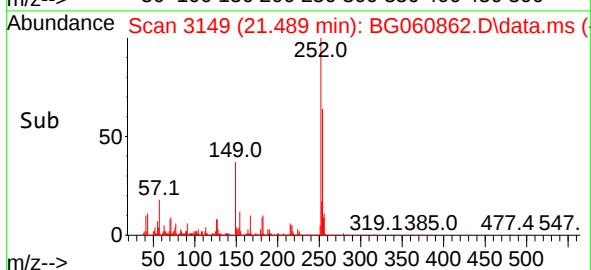
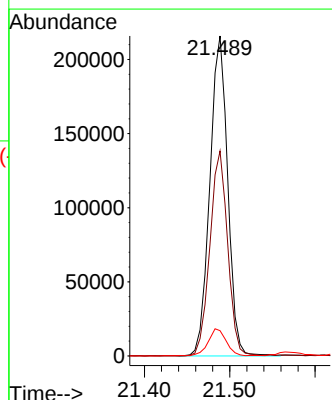
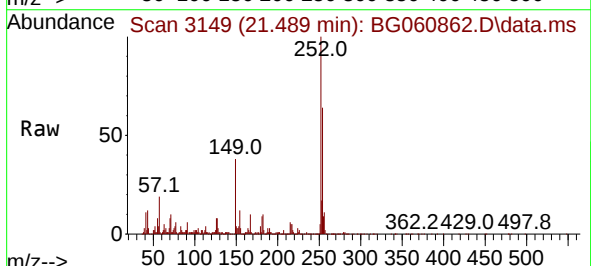
Tgt Ion:252 Resp: 314096

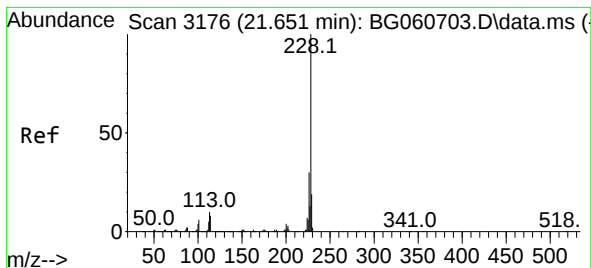
Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

126 7.9 7.8 11.8





#83

Chrysene

Concen: 42.363 ng

RT: 21.635 min Scan# 3174

Delta R.T. -0.016 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:228 Resp: 1152130

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

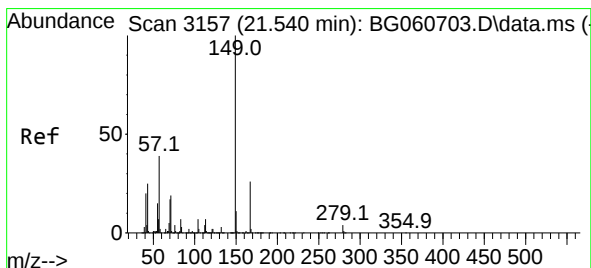
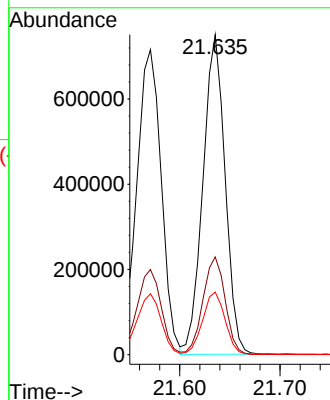
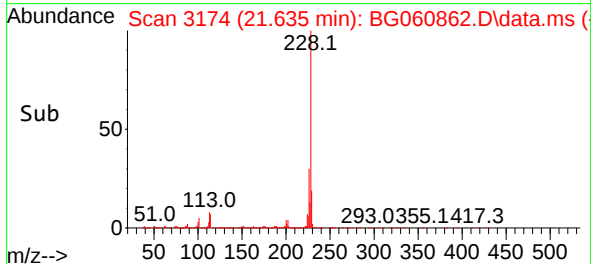
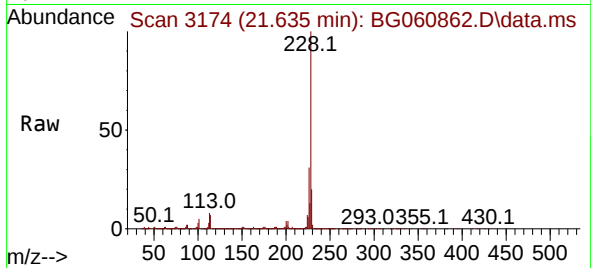
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.989 ng

RT: 21.506 min Scan# 3152

Delta R.T. -0.033 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

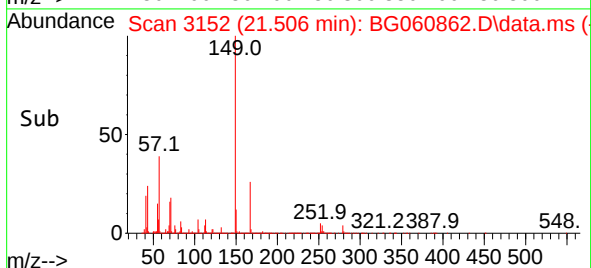
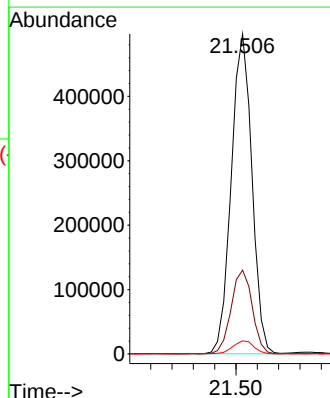
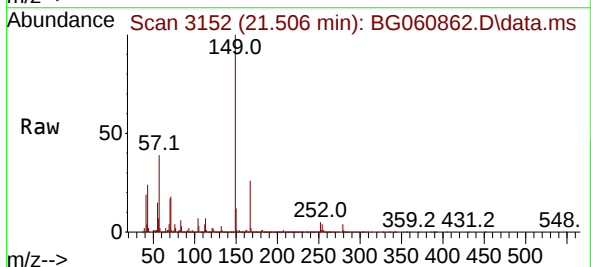
Tgt Ion:149 Resp: 667188

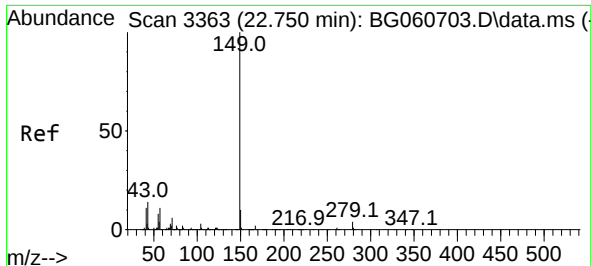
Ion Ratio Lower Upper

149 100

167 26.2 20.6 30.8

279 4.1 3.0 4.4





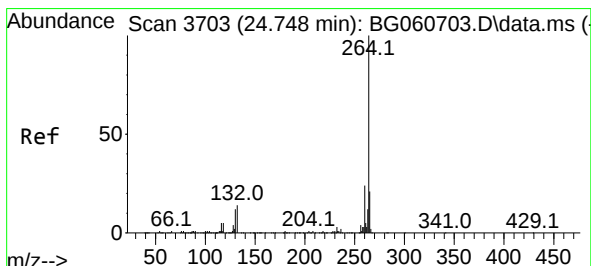
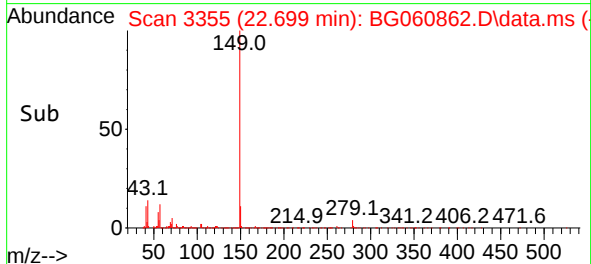
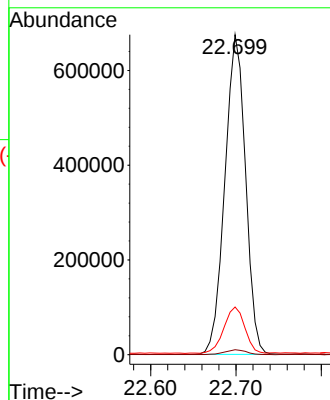
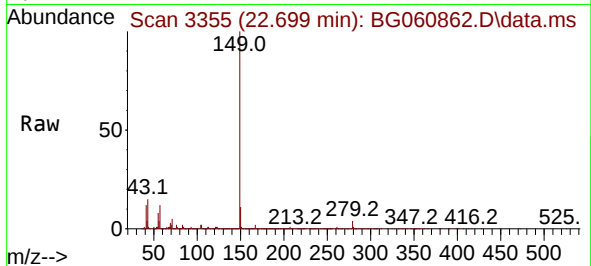
#85
Di-n-octyl phthalate
Concen: 42.772 ng
RT: 22.699 min Scan# 31
Delta R.T. -0.051 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:149 Resp: 1134208
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.8 11.3 16.9

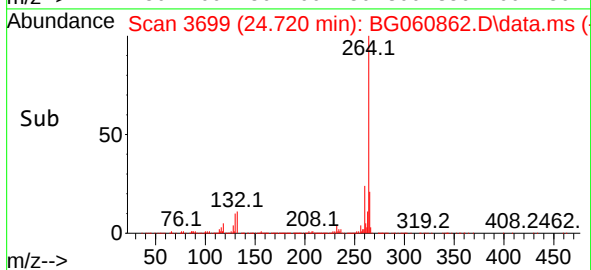
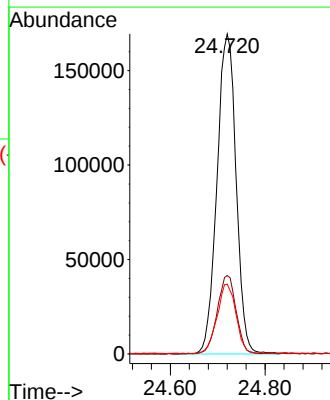
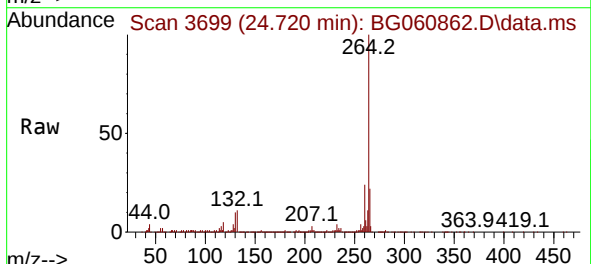
Manual Integrations
APPROVED

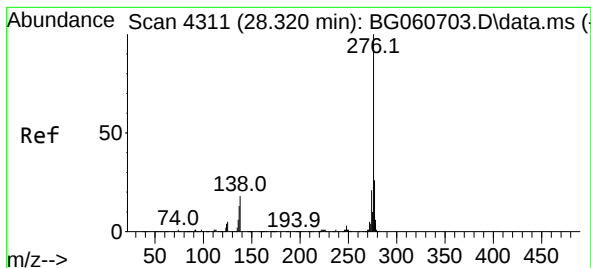
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.720 min Scan# 3699
Delta R.T. -0.028 min
Lab File: BG060862.D
Acq: 11 Apr 2024 16:53

Tgt Ion:264 Resp: 474919
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.339 ng

RT: 28.275 min Scan# 41

Delta R.T. -0.045 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:276 Resp: 148287

Ion Ratio Lower Upper

276 100

138 12.0 12.4 18.6

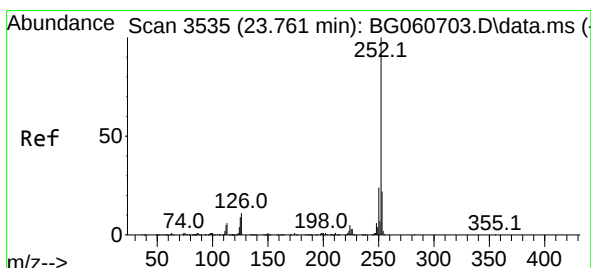
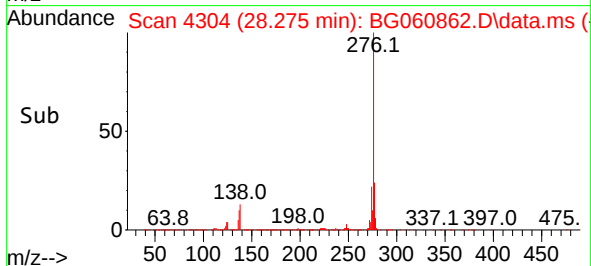
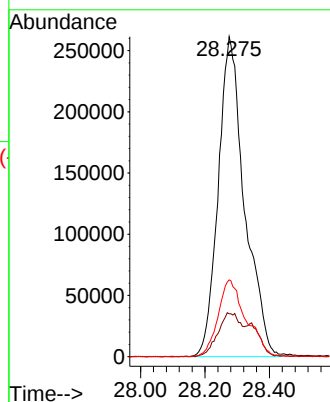
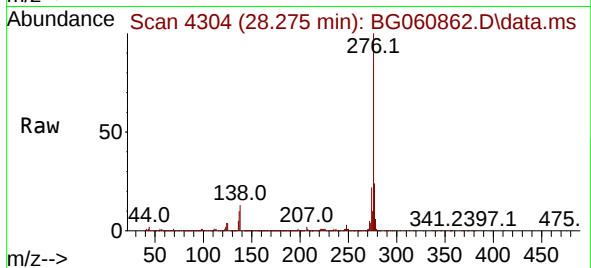
277 25.6 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 42.749 ng

RT: 23.733 min Scan# 3531

Delta R.T. -0.028 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

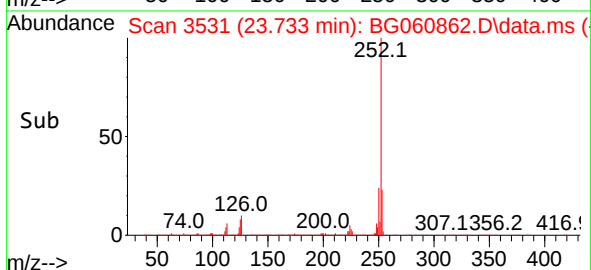
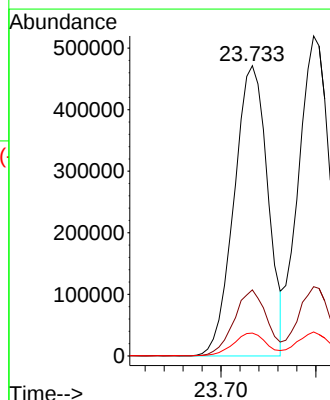
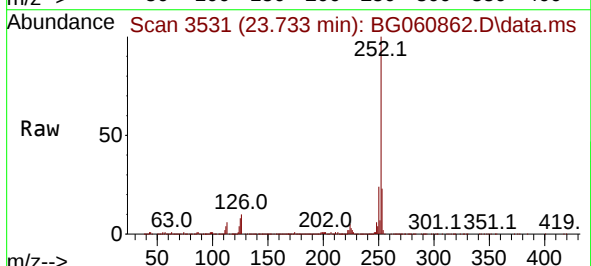
Tgt Ion:252 Resp: 1166374

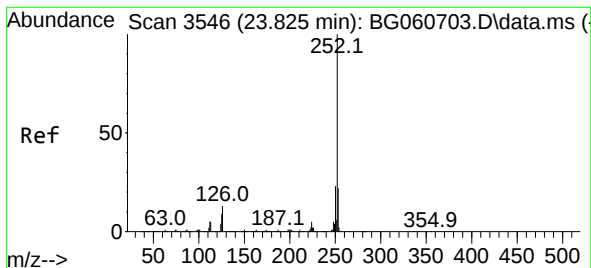
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 7.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 43.121 ng m

RT: 23.798 min Scan# 3

Delta R.T. -0.028 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:252 Resp: 120420

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

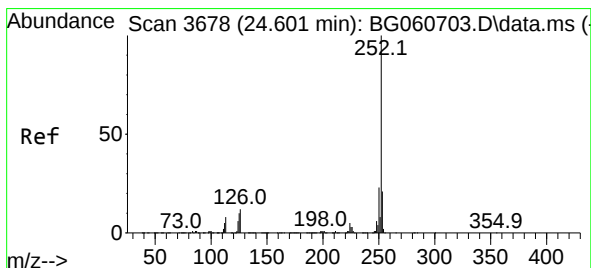
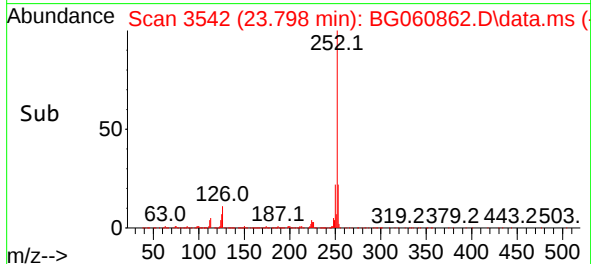
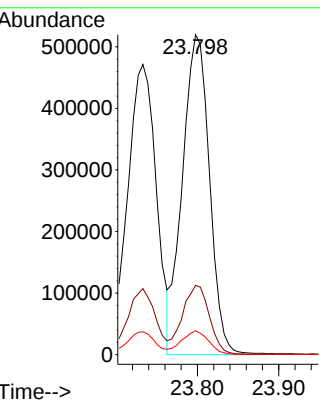
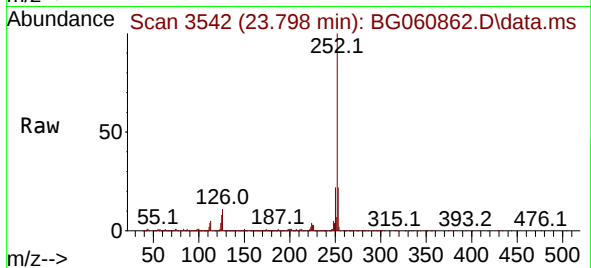
125 7.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#90

Benzo(a)pyrene

Concen: 42.026 ng

RT: 24.579 min Scan# 3675

Delta R.T. -0.022 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

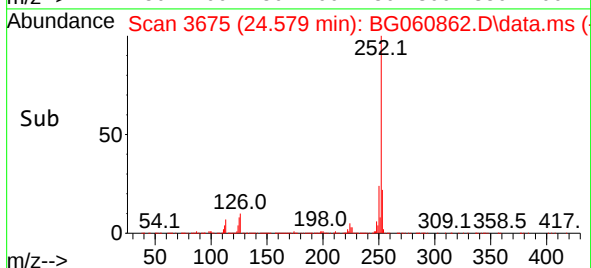
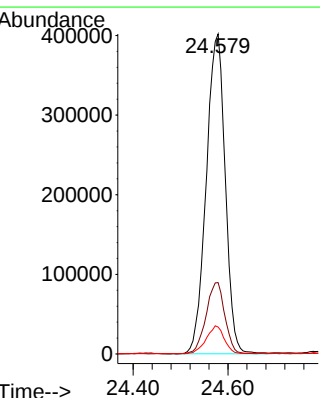
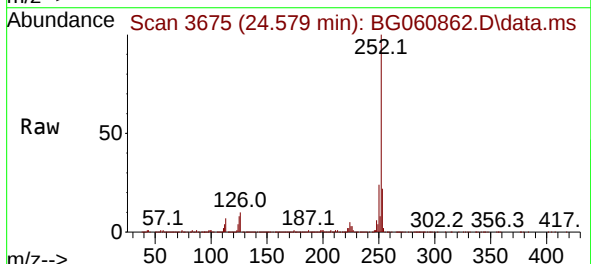
Tgt Ion:252 Resp: 1114312

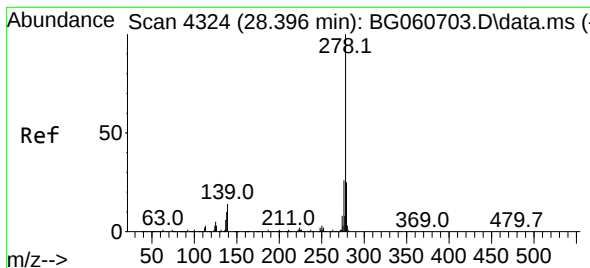
Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 8.4 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 42.861 ng

RT: 28.345 min Scan# 41

Delta R.T. -0.051 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Instrument :

BNL_G

ClientSampleId :

TP-5MSD

Tgt Ion:278 Resp: 1208354

Ion Ratio Lower Upper

278 100

139 10.6 11.1 16.7

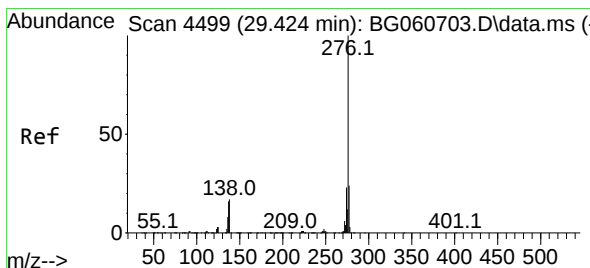
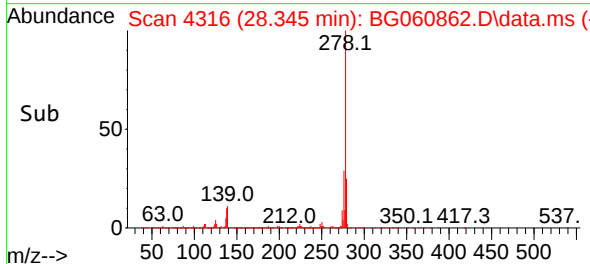
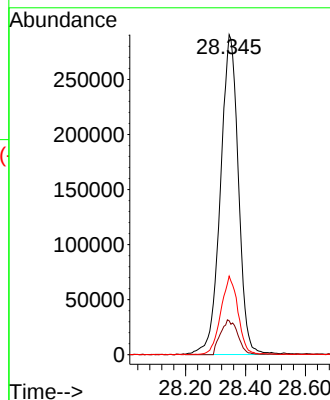
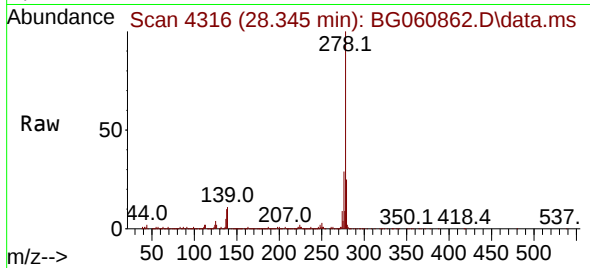
279 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 41.563 ng

RT: 29.391 min Scan# 4494

Delta R.T. -0.033 min

Lab File: BG060862.D

Acq: 11 Apr 2024 16:53

Tgt Ion:276 Resp: 1139847

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 15.6 14.0 21.0

