

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060774.D
 Acq On : 4 Apr 2024 11:54
 Operator : MA/JU
 Sample : PB159958BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 04 12:27:22 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	7.958	152	58315	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	260730	20.000	ng	0.00
39) Acenaphthene-d10	14.591	164	204940	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	549065	20.000	ng	0.00
76) Chrysene-d12	21.607	240	508116	20.000	ng	0.00
86) Perylene-d12	24.750	264	540972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	529700	151.320	ng	0.00
7) Phenol-d6	7.124	99	730008	140.491	ng	0.00
23) Nitrobenzene-d5	9.116	82	475035	103.963	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	440346	189.282	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1216758	87.135	ng	0.00
79) Terphenyl-d14	19.962	244	2427236	84.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	56750	39.542	ng	97
3) Pyridine	3.845	79	151595	35.018	ng	90
4) n-Nitrosodimethylamine	3.763	42	139127	53.765	ng	96
6) Aniline	7.282	93	122358	18.647	ng	98
8) 2-Chlorophenol	7.523	128	210737	53.102	ng	96
9) Benzaldehyde	7.094	77	14156m	4.941	ng	
10) Phenol	7.153	94	271618	51.220	ng	98
11) bis(2-Chloroethyl)ether	7.382	93	185188	43.254	ng	96
12) 1,3-Dichlorobenzene	7.852	146	193772	46.952	ng	98
13) 1,4-Dichlorobenzene	7.993	146	199893	47.476	ng	99
14) 1,2-Dichlorobenzene	8.311	146	196310	47.577	ng	100
15) Benzyl Alcohol	8.193	79	211819	50.325	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.487	45	440327	45.572	ng	99
17) 2-Methylphenol	8.399	107	192372	48.053	ng	98
18) Hexachloroethane	9.045	117	71059	47.519	ng	88
19) n-Nitroso-di-n-propyla...	8.769	70	173148	43.696	ng	96
20) 3+4-Methylphenols	8.728	107	264475	48.244	ng	93
22) Acetophenone	8.781	105	328215	45.653	ng	# 98
24) Nitrobenzene	9.157	77	246880	48.509	ng	# 94
25) Isophorone	9.685	82	480100	45.618	ng	99
26) 2-Nitrophenol	9.868	139	106816	57.603	ng	95
27) 2,4-Dimethylphenol	9.932	122	175168	41.434	ng	99
28) bis(2-Chloroethoxy)met...	10.167	93	271920	43.764	ng	99
29) 2,4-Dichlorophenol	10.402	162	215206	55.435	ng	99
30) 1,2,4-Trichlorobenzene	10.620	180	211694	48.157	ng	99
31) Naphthalene	10.808	128	631740	44.792	ng	99
32) Benzoic acid	10.073	122	169988	58.664	ng	96
33) 4-Chloroaniline	10.908	127	108022	16.490	ng	97
34) Hexachlorobutadiene	11.101	225	138150	47.155	ng	98
35) Caprolactam	11.689	113	80437m	52.314	ng	
36) 4-Chloro-3-methylphenol	12.036	107	262395	52.909	ng	98
37) 2-Methylnaphthalene	12.418	142	456688	44.043	ng	98
38) 1-Methylnaphthalene	12.635	142	440483	44.967	ng	94
40) 1,2,4,5-Tetrachloroben...	12.782	216	282486	47.946	ng	99
41) Hexachlorocyclopentadiene	12.770	237	283475	94.623	ng	100
43) 2,4,6-Trichlorophenol	13.023	196	210937	55.601	ng	95

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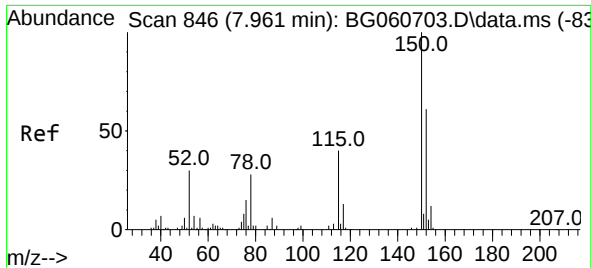
Manual Integrations
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 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	238970	52.782	ng	98
46) 1,1'-Biphenyl	13.428	154	651808	45.028	ng	99
47) 2-Chloronaphthalene	13.463	162	518655	47.158	ng	99
48) 2-Nitroaniline	13.663	65	212035	57.534	ng	99
49) Acenaphthylene	14.315	152	905375	48.993	ng	99
50) Dimethylphthalate	14.051	163	776447	47.933	ng	99
51) 2,6-Dinitrotoluene	14.163	165	162452	55.429	ng	94
52) Acenaphthene	14.656	154	647590m	55.814	ng	
53) 3-Nitroaniline	14.486	138	119913	38.302	ng	# 95
54) 2,4-Dinitrophenol	14.697	184	215183	190.846	ng	90
55) Dibenzofuran	14.991	168	876053	47.868	ng	99
56) 4-Nitrophenol	14.803	139	315680	133.307	ng	97
57) 2,4-Dinitrotoluene	14.950	165	243991	62.643	ng	98
58) Fluorene	15.643	166	720244	49.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.214	232	232604	58.953	ng	# 100
60) Diethylphthalate	15.426	149	797488	48.935	ng	99
61) 4-Chlorophenyl-phenyle...	15.637	204	380855	49.011	ng	95
62) 4-Nitroaniline	15.655	138	185393	62.598	ng	98
63) Azobenzene	15.931	77	762068	47.987	ng	96
65) 4,6-Dinitro-2-methylph...	15.714	198	147193	62.474	ng	97
66) n-Nitrosodiphenylamine	15.849	169	697546	44.457	ng	98
67) 4-Bromophenyl-phenylether	16.530	248	266511	47.828	ng	97
68) Hexachlorobenzene	16.642	284	307645	48.907	ng	98
69) Atrazine	16.807	200	217738	39.684	ng	99
70) Pentachlorophenol	16.989	266	432882	105.465	ng	99
71) Phenanthrene	17.382	178	1302635	45.617	ng	99
72) Anthracene	17.470	178	1301370	44.875	ng	99
73) Carbazole	17.741	167	1193088	46.661	ng	99
74) Di-n-butylphthalate	18.317	149	1447922	45.422	ng	100
75) Fluoranthene	19.392	202	1592590	45.961	ng	98
77) Benzidine	19.574	184	331205	24.754	ng	99
78) Pyrene	19.756	202	1637462	46.078	ng	100
80) Butylbenzylphthalate	20.661	149	642981	49.600	ng	97
81) Benzo(a)anthracene	21.583	228	1651753	46.117	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	473342	39.140	ng	99
83) Chrysene	21.654	228	1570549	45.494	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	933636	45.187	ng	96
85) Di-n-octyl phthalate	22.729	149	1657177	49.233	ng	99
87) Indeno(1,2,3-cd)pyrene	28.334	276	1966606	51.623	ng	98
88) Benzo(b)fluoranthene	23.763	252	1629855	52.443	ng	99
89) Benzo(k)fluoranthene	23.828	252	1612885	50.703	ng	99
90) Benzo(a)pyrene	24.609	252	1489298	49.310	ng	99
91) Dibenzo(a,h)anthracene	28.411	278	1661596	51.741	ng	98
92) Benzo(g,h,i)perylene	29.451	276	1564089	50.069	ng	99

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



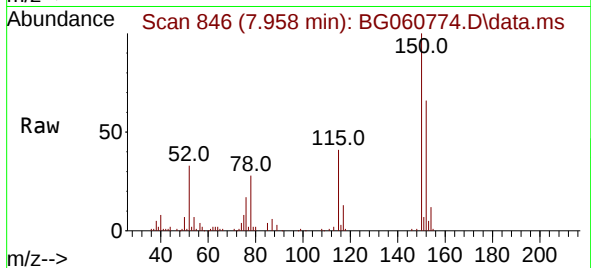
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

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PB159958BS

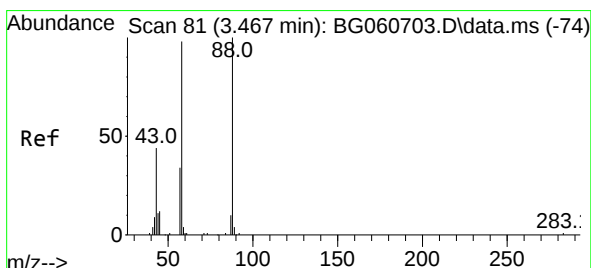
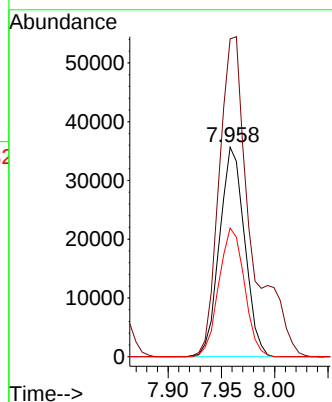
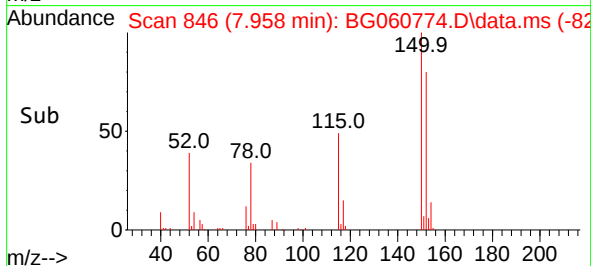


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Ion Ratio Lower Upper
152 100
150 151.7 130.2 195.4
115 61.4 51.6 77.4

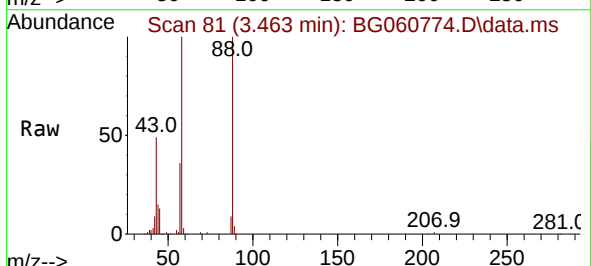
Manual Integrations

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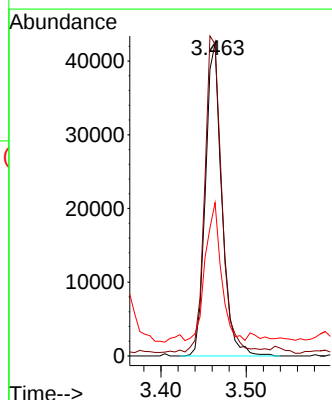
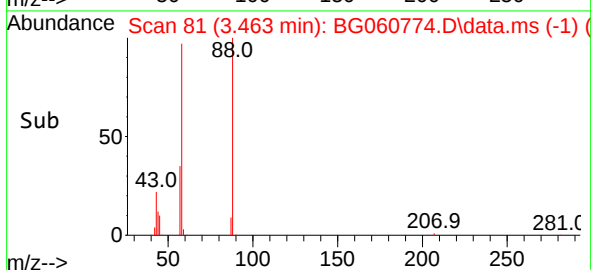
Reviewed By :Jagrut Upadhyay 04/05/2024
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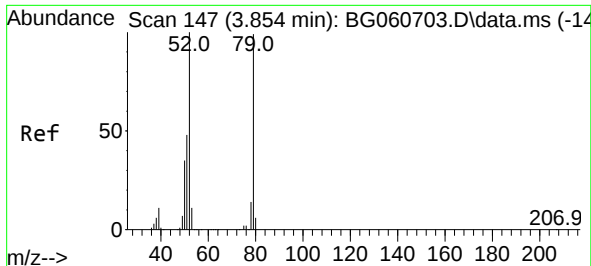


#2
1,4-Dioxane
Concen: 39.542 ng
RT: 3.463 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion: 88 Resp: 56750
Ion Ratio Lower Upper
88 100
58 104.2 80.9 121.3
43 42.3 35.4 53.0





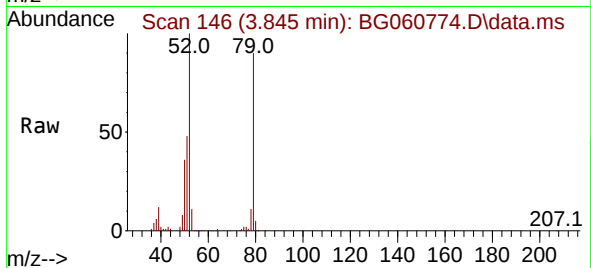
#3
Pyridine
Concen: 35.018 ng
RT: 3.845 min Scan# 147
Delta R.T. -0.009 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

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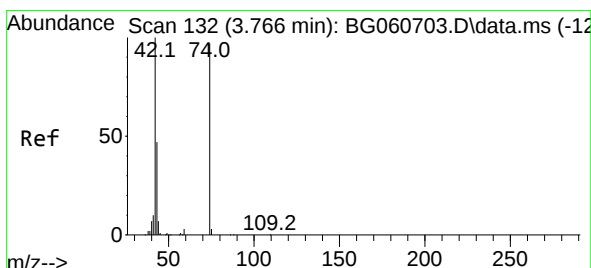
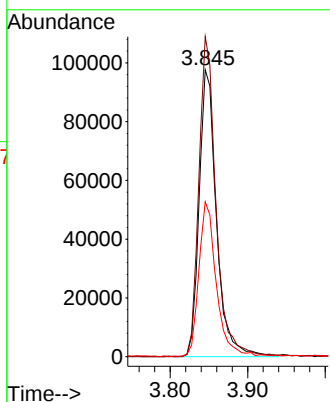
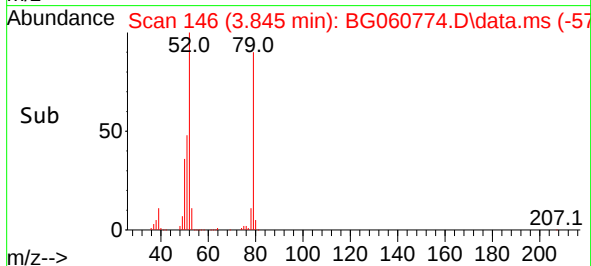


Tgt Ion: 79 Resp: 15159
Ion Ratio Lower Upper
79 100
52 111.5 80.6 120.8
51 54.0 39.1 58.7

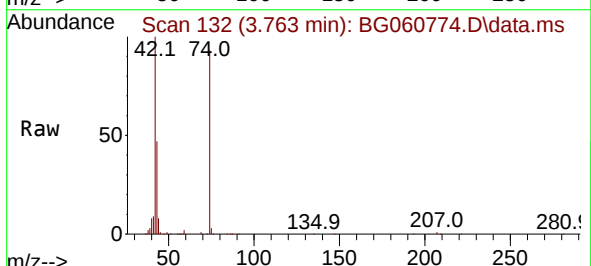
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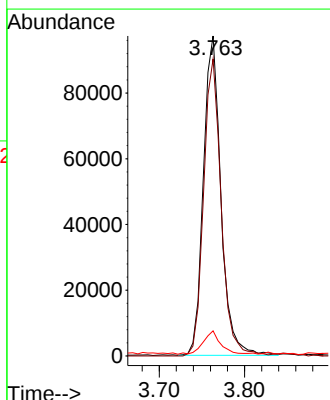
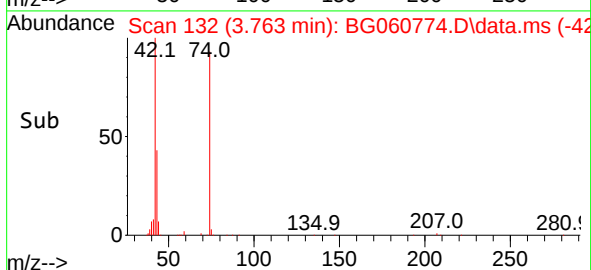
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#4
n-Nitrosodimethylamine
Concen: 53.765 ng
RT: 3.763 min Scan# 132
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion: 42 Resp: 139127
Ion Ratio Lower Upper
42 100
74 92.8 77.8 116.8
44 7.9 6.8 10.2





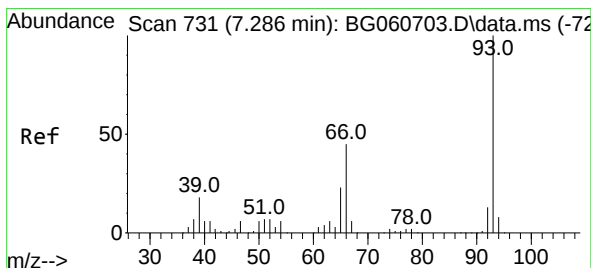
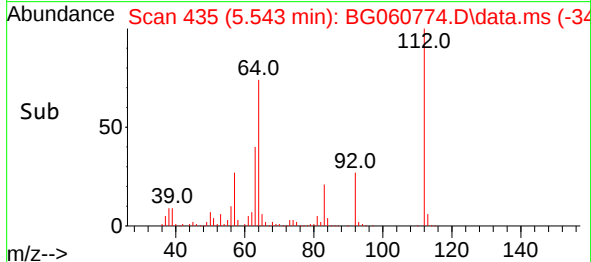
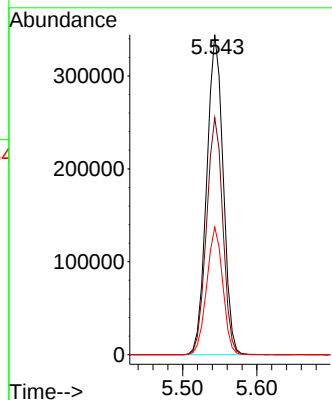
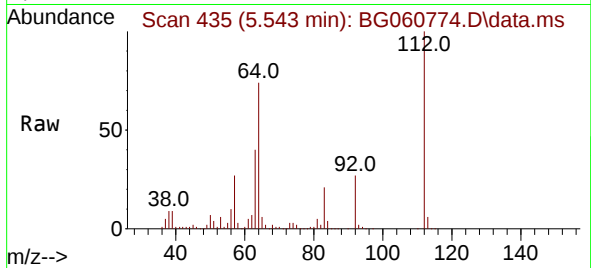
#5
2-Fluorophenol
Concen: 151.320 ng
RT: 5.543 min Scan# 411
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :
BNA_G
ClientSampleId :
PB159958BS

Tgt Ion: 112 Resp: 529700
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 39.9 32.7 49.1

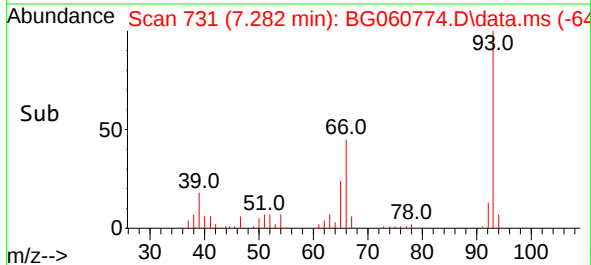
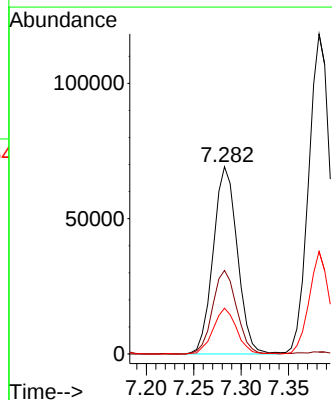
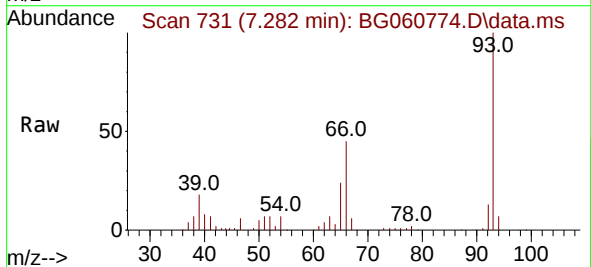
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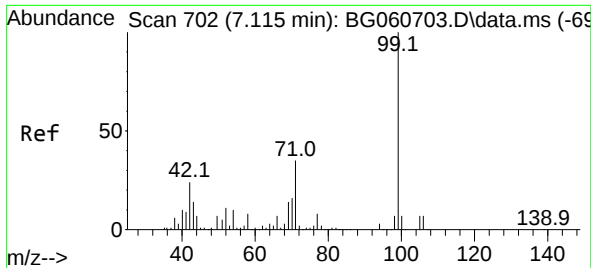
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#6
Aniline
Concen: 18.647 ng
RT: 7.282 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion: 93 Resp: 122358
Ion Ratio Lower Upper
93 100
66 44.6 36.1 54.1
65 24.4 18.1 27.1





#7
Phenol-d6
Concen: 140.491 ng
RT: 7.124 min Scan# 702
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

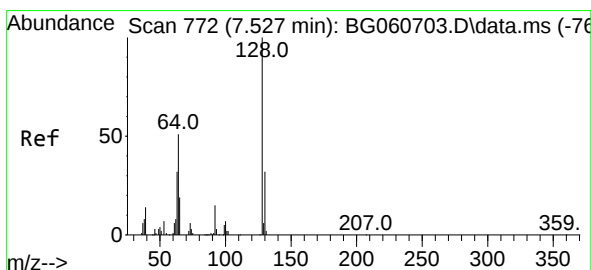
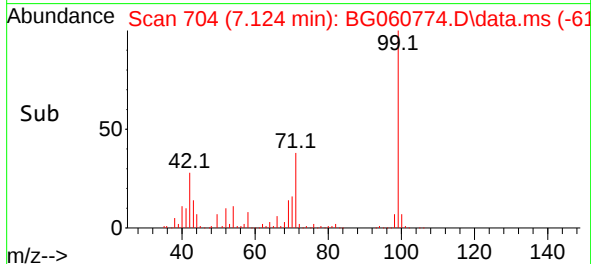
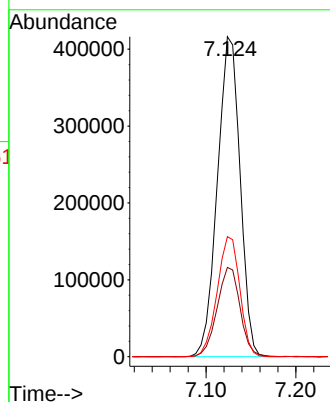
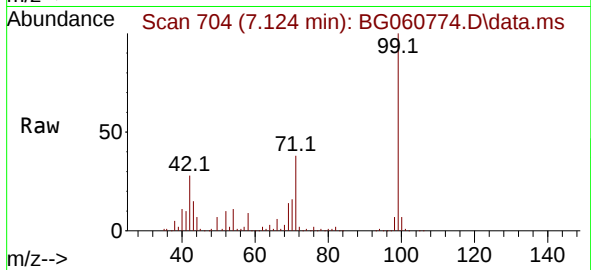
PB159958BS

Tgt Ion: 99 Resp: 730008
Ion Ratio Lower Upper
99 100
42 27.9 19.4 29.2
71 37.5 28.2 42.2

Manual Integrations

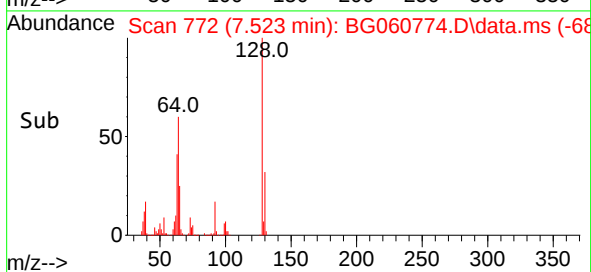
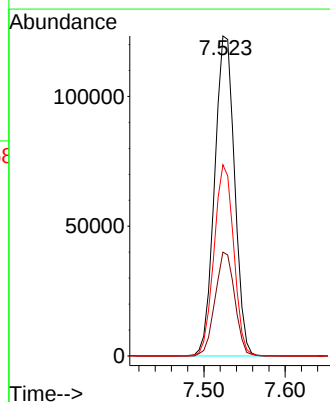
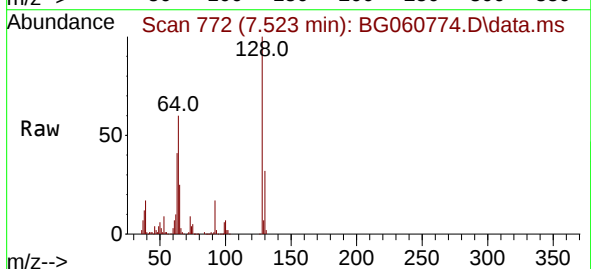
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Supervised By :mohammad ahmed 04/08/2024



#8
2-Chlorophenol
Concen: 53.102 ng
RT: 7.523 min Scan# 772
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

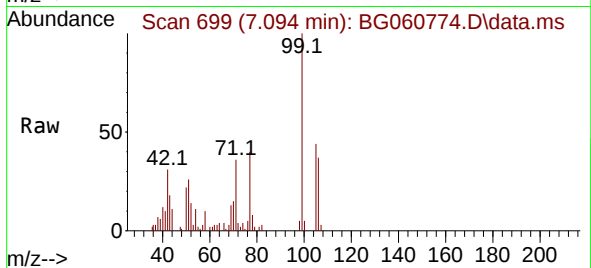
Tgt Ion:128 Resp: 210737
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 59.7 35.0 75.0





#9
Benzaldehyde
Concen: 4.941 ng m
RT: 7.094 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

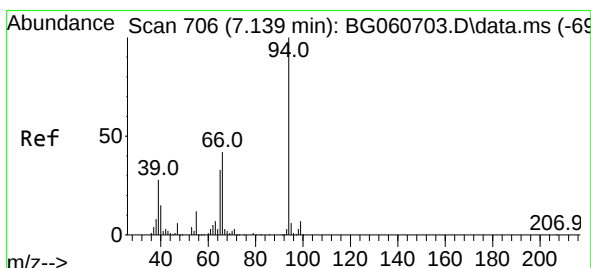
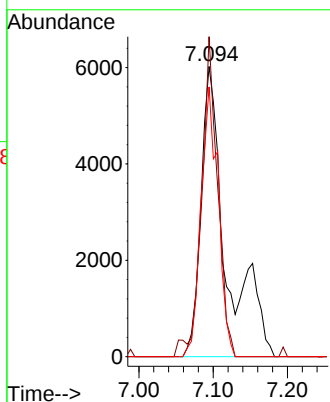
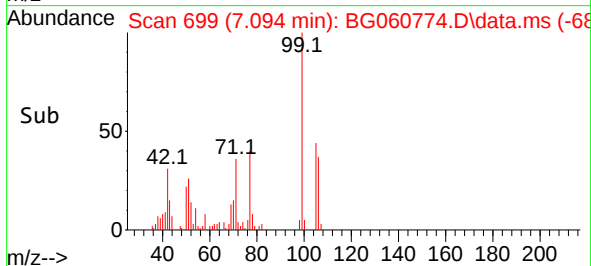
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BNA_G
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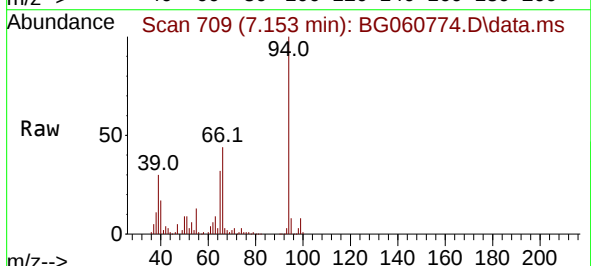
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Ion Ratio Lower Upper
77 100
105 110.2 76.0 116.0
106 92.9 70.3 110.3

Manual Integrations
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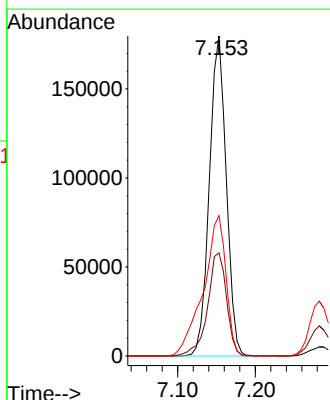
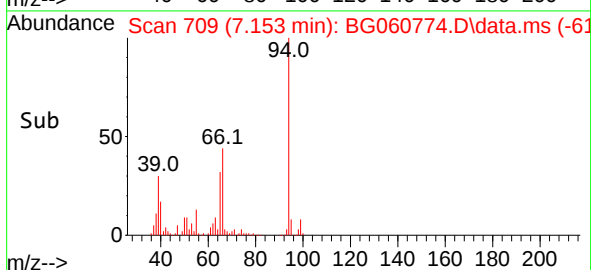
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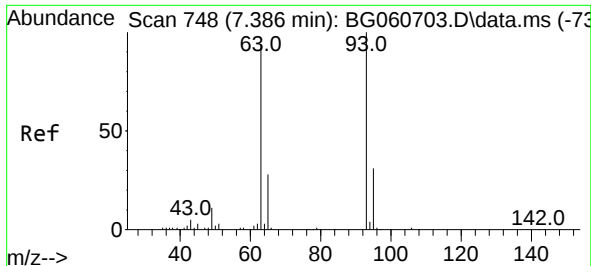


#10
Phenol
Concen: 51.220 ng
RT: 7.153 min Scan# 709
Delta R.T. 0.014 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



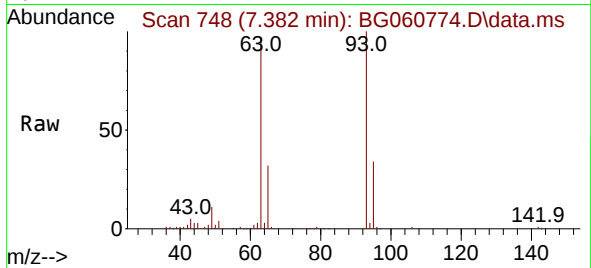
Tgt Ion: 94 Resp: 271618
Ion Ratio Lower Upper
94 100
65 32.2 13.3 53.3
66 43.9 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 43.254 ng
RT: 7.382 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

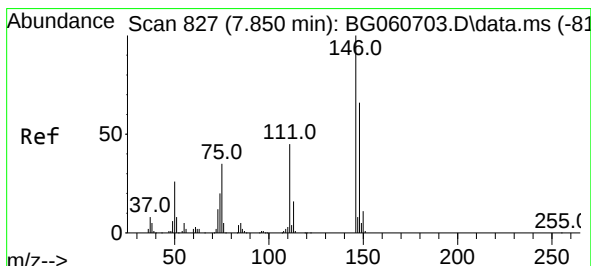
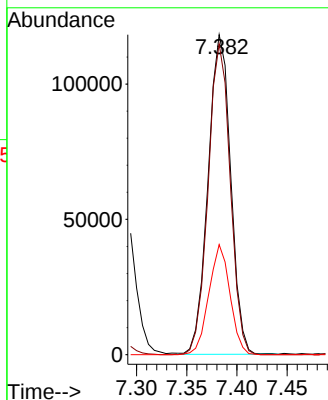
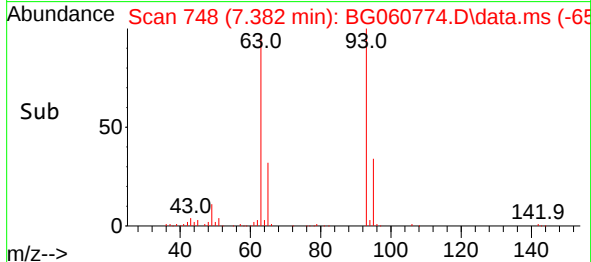
Instrument :
BNA_G
ClientSampleId :
PB159958BS



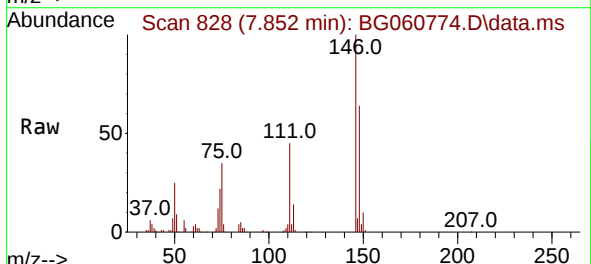
Tgt Ion: 93 Resp: 185188
Ion Ratio Lower Upper
93 100
63 97.2 73.7 113.7
95 34.4 11.2 51.2

Manual Integrations
APPROVED

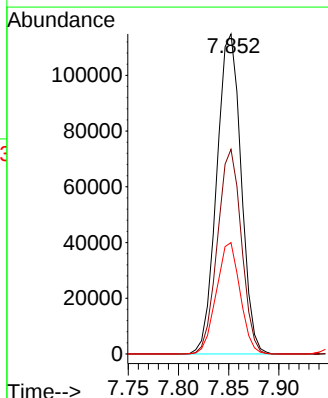
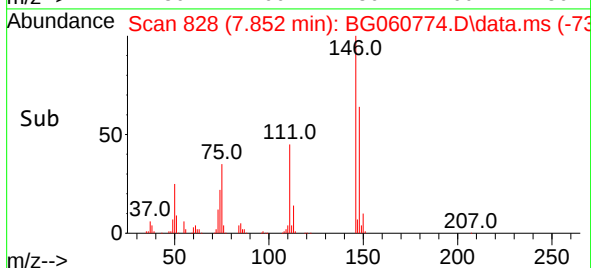
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#12
1,3-Dichlorobenzene
Concen: 46.952 ng
RT: 7.852 min Scan# 828
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:146 Resp: 193772
Ion Ratio Lower Upper
146 100
148 63.9 53.0 79.4
75 34.8 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 47.476 ng
RT: 7.993 min Scan# 852
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

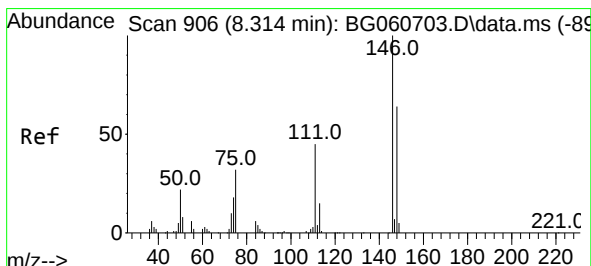
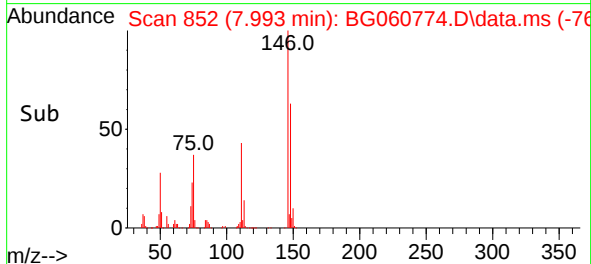
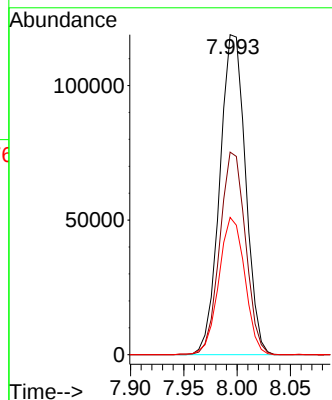
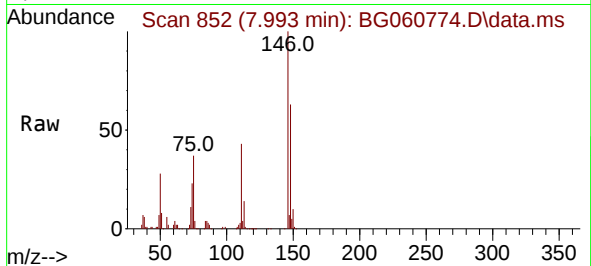
PB159958BS

Tgt Ion:146 Resp: 19989
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 42.9 35.0 52.6

Manual Integrations

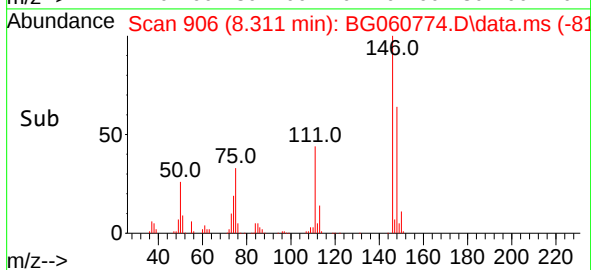
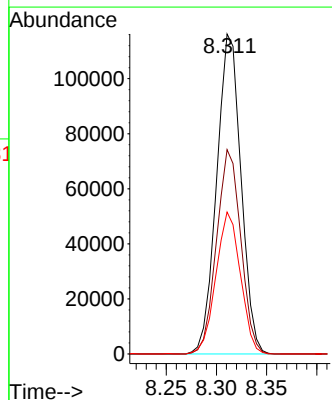
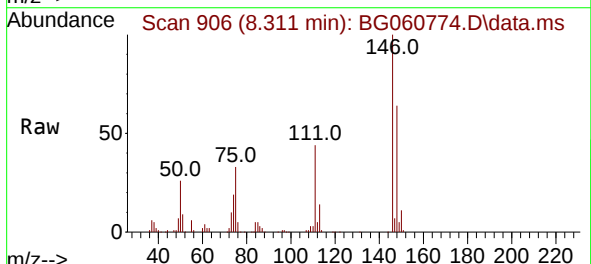
APPROVED

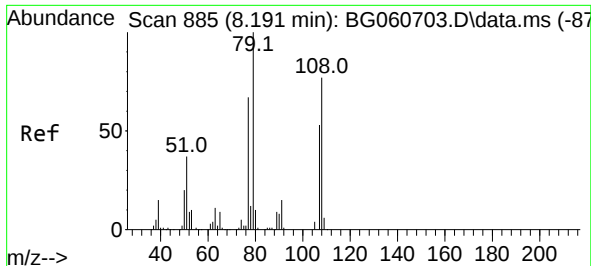
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#14
1,2-Dichlorobenzene
Concen: 47.577 ng
RT: 8.311 min Scan# 906
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:146 Resp: 196310
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.3 36.0 54.0





#15
Benzyl Alcohol
Concen: 50.325 ng
RT: 8.193 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

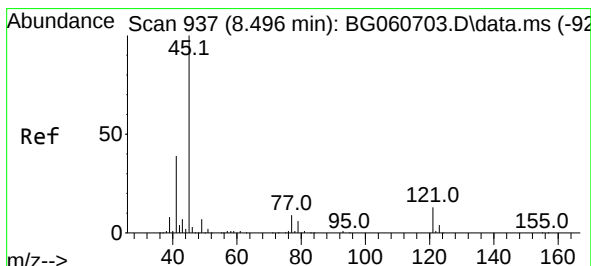
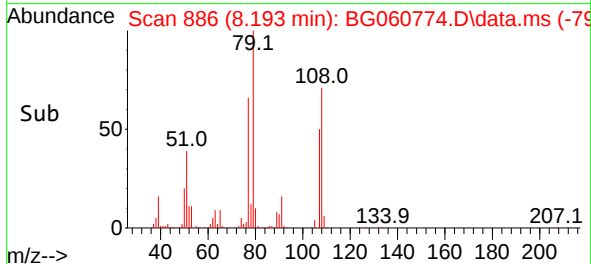
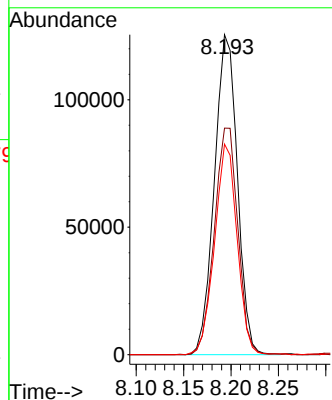
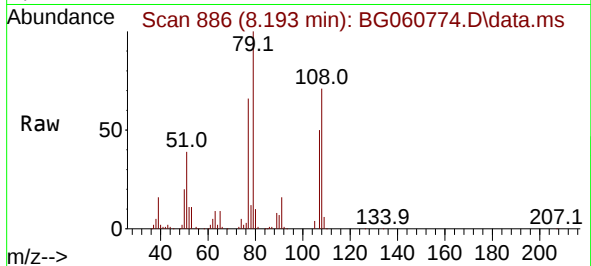
PB159958BS

Tgt Ion: 79 Resp: 211819
Ion Ratio Lower Upper
79 100
108 70.8 61.4 92.0
77 65.8 53.6 80.4

Manual Integrations

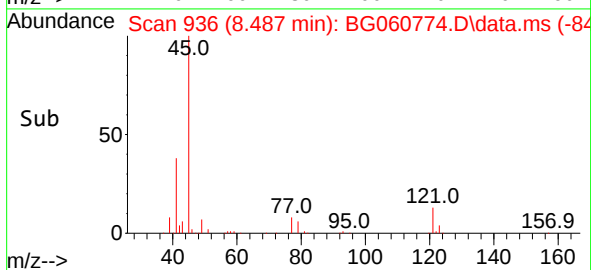
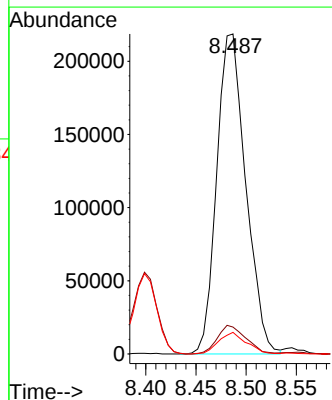
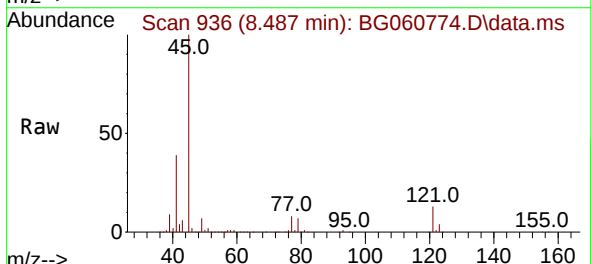
APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.572 ng
RT: 8.487 min Scan# 936
Delta R.T. -0.009 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion: 45 Resp: 440327
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.1
79 6.8 0.0 26.5





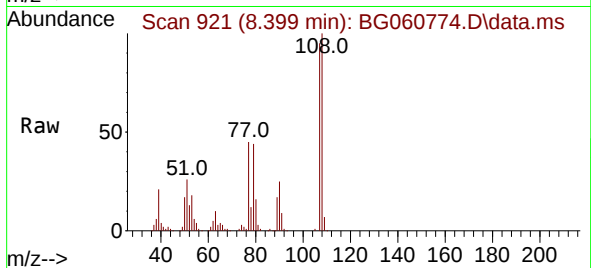
#17
2-Methylphenol
Concen: 48.053 ng
RT: 8.399 min Scan# 919
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

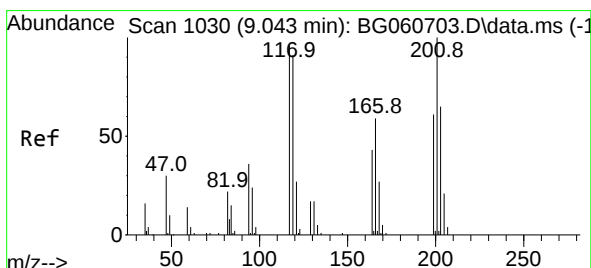
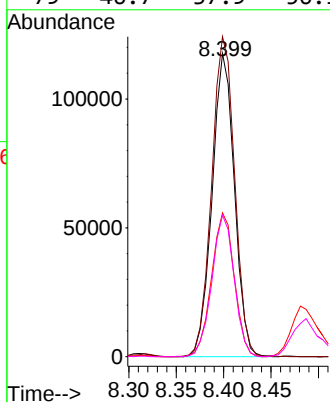
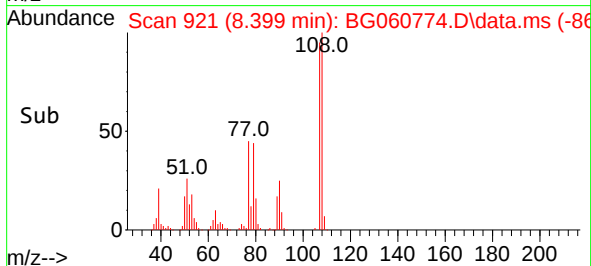


Tgt Ion:	107	Resp:	19237
Ion Ratio	Lower	Upper	
107	100		
108	105.5	86.4	129.6
77	47.5	38.6	58.0
79	46.7	37.9	56.9

Manual Integrations

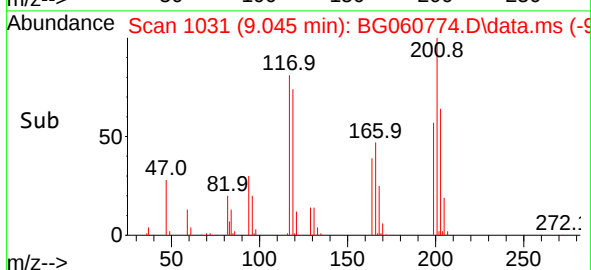
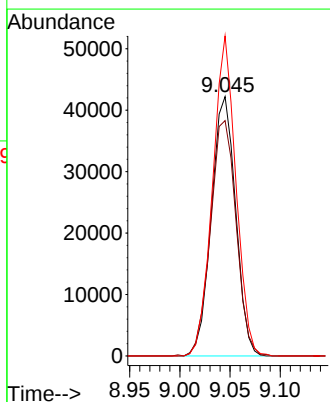
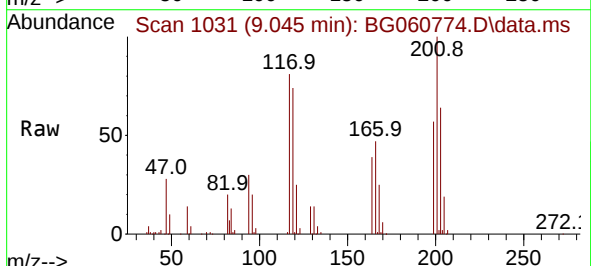
APPROVED

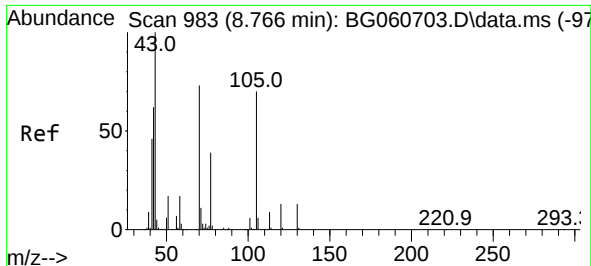
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#18
Hexachloroethane
Concen: 47.519 ng
RT: 9.045 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:	117	Resp:	71059
Ion Ratio	Lower	Upper	
117	100		
119	90.7	75.7	113.5
201	123.4	83.4	125.2





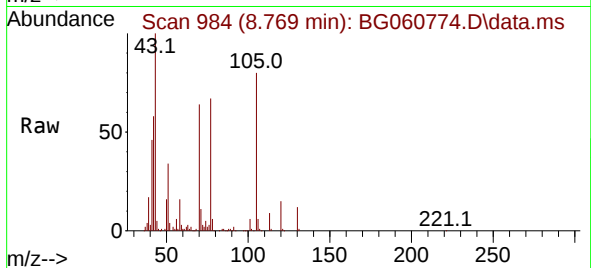
#19
n-Nitroso-di-n-propylamine
Concen: 43.696 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

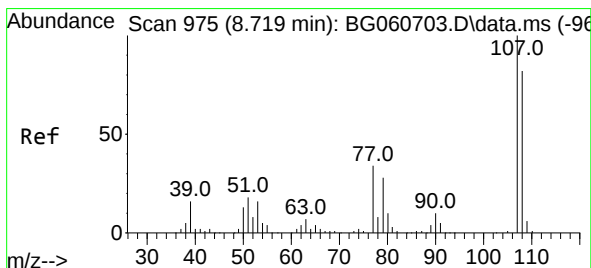
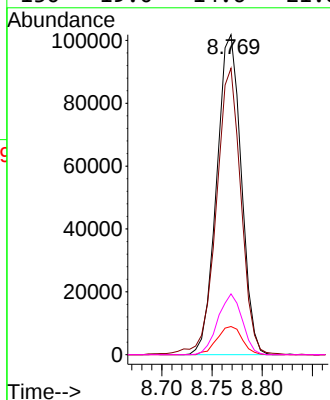
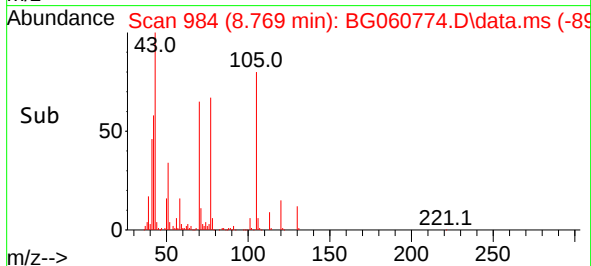


Tgt Ion: 70 Resp: 17314
Ion Ratio Lower Upper
70 100
42 89.5 68.4 102.6
101 8.8 6.1 9.1
130 19.0 14.6 21.8

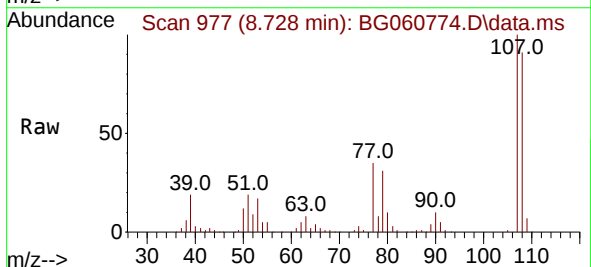
Manual Integrations

APPROVED

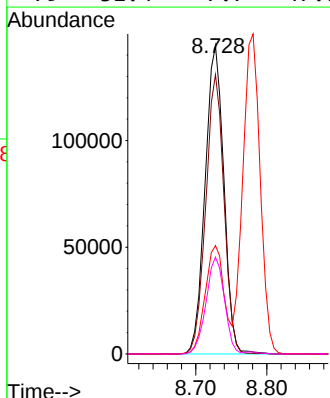
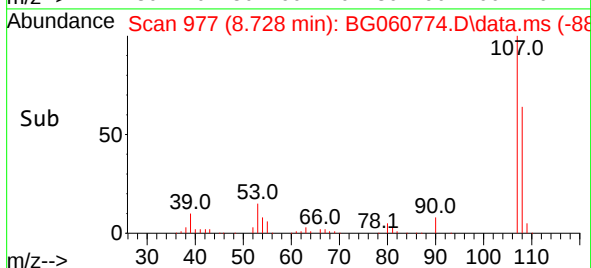
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

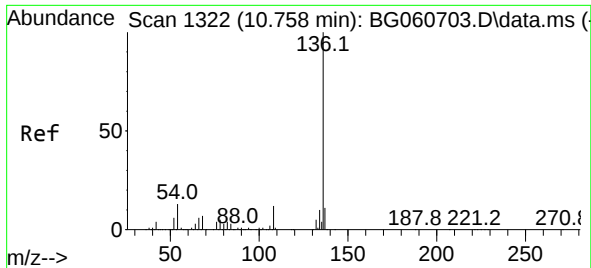


#20
3+4-Methylphenols
Concen: 48.244 ng
RT: 8.728 min Scan# 977
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:107 Resp: 264475
Ion Ratio Lower Upper
107 100
108 90.6 62.2 102.2
77 35.1 14.1 54.1
79 31.4 7.7 47.7





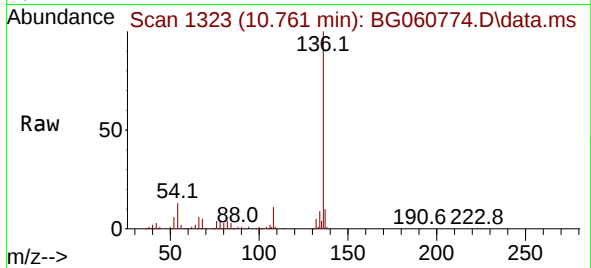
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1323
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

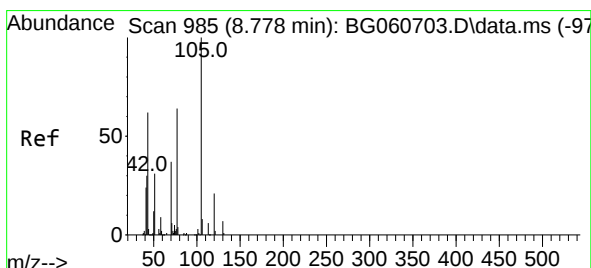
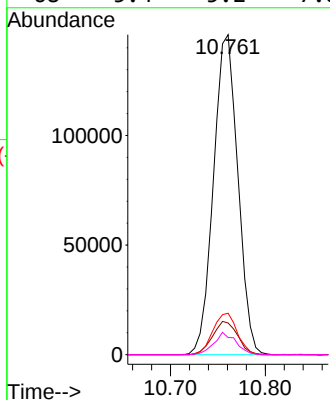
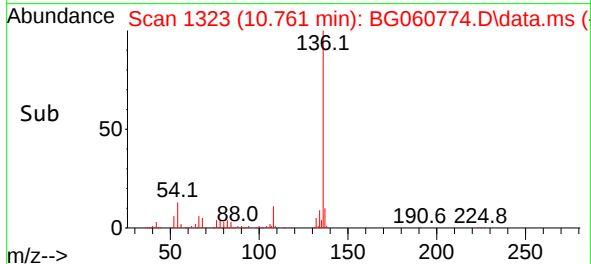


Tgt Ion:136 Resp: 260730
Ion Ratio Lower Upper
136 100
137 9.9 8.8 13.2
54 13.0 10.2 15.2
68 5.4 5.2 7.8

Manual Integrations

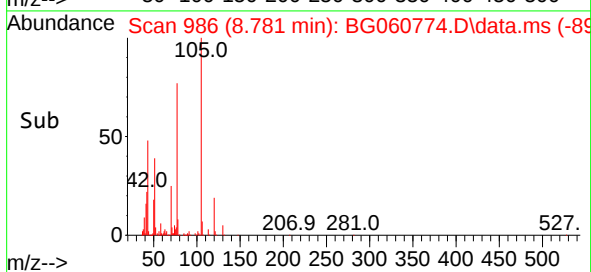
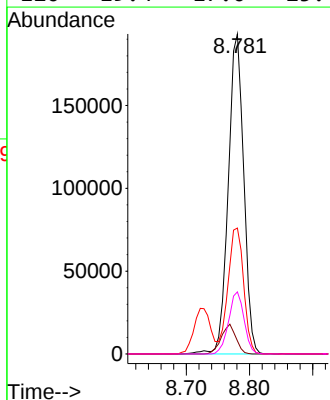
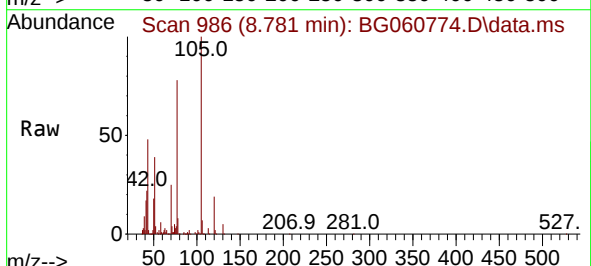
APPROVED

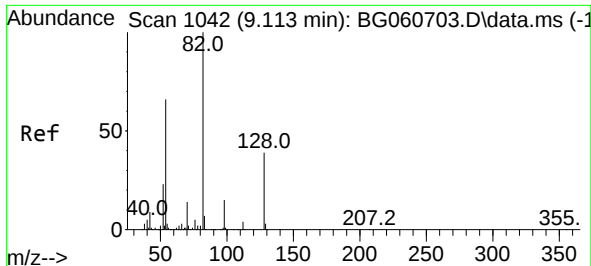
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#22
Acetophenone
Concen: 45.653 ng
RT: 8.781 min Scan# 986
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:105 Resp: 328215
Ion Ratio Lower Upper
105 100
71 4.1 4.9 7.3#
51 39.4 31.1 46.7
120 19.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 103.963 ng

RT: 9.116 min Scan# 1042

Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

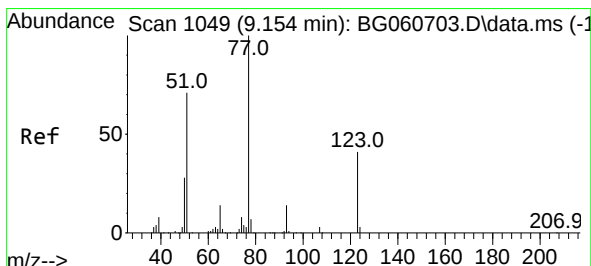
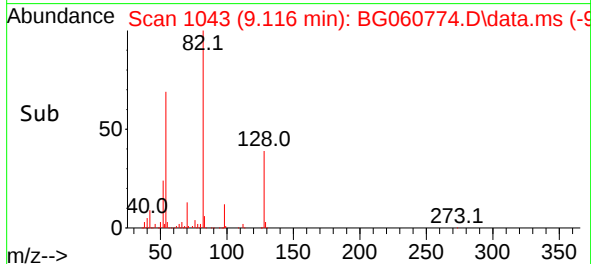
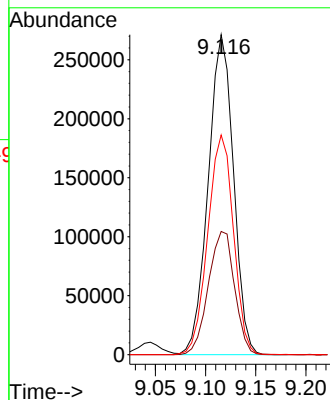
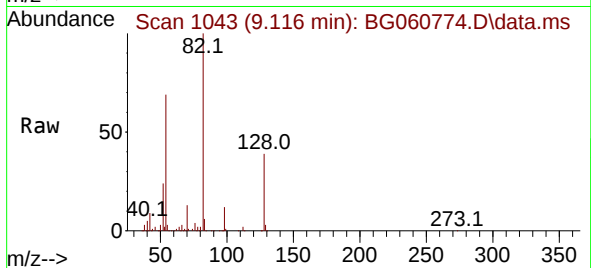
PB159958BS

Tgt Ion: 82 Resp: 475035
 Ion Ratio Lower Upper
 82 100
 128 38.5 31.2 46.8
 54 68.6 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024



#24

Nitrobenzene

Concen: 48.509 ng

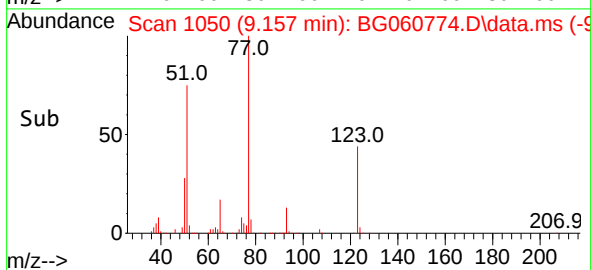
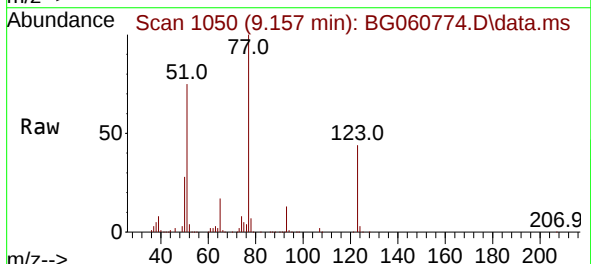
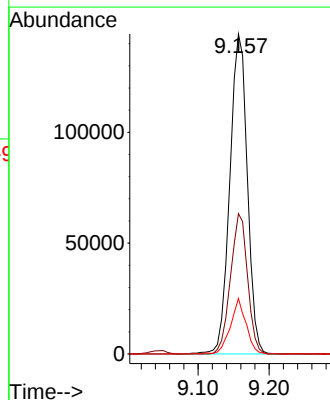
RT: 9.157 min Scan# 1050

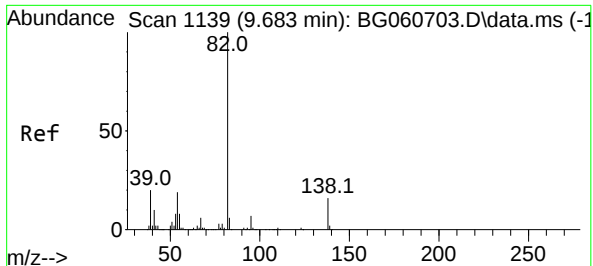
Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

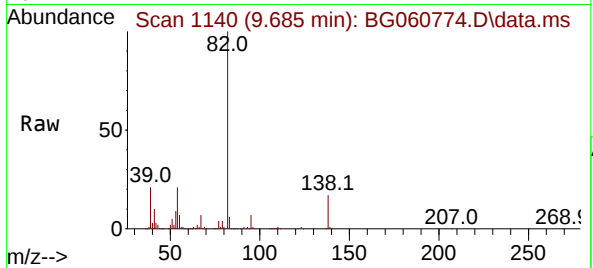
Tgt Ion: 77 Resp: 246880
 Ion Ratio Lower Upper
 77 100
 123 43.9 32.7 49.1
 65 17.3 11.3 16.9#





#25
Isophorone
Concen: 45.618 ng
RT: 9.685 min Scan# 1139
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

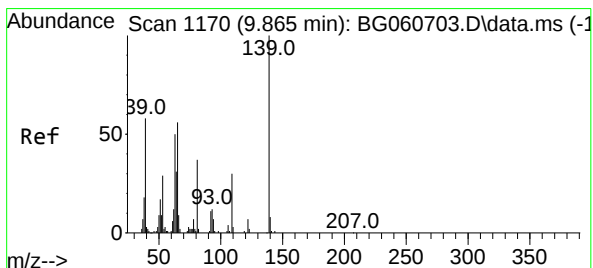
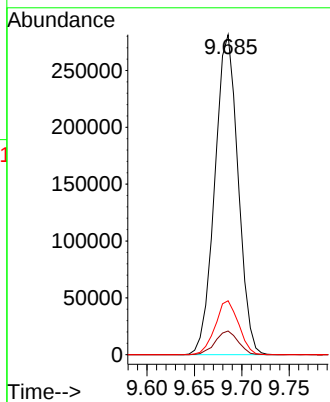
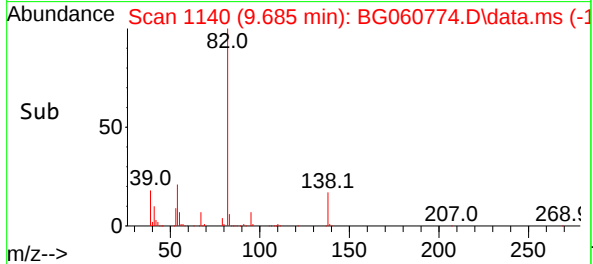
Instrument :
BNA_G
ClientSampleId :
PB159958BS



Tgt Ion: 82 Resp: 480100
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.8 13.0 19.4

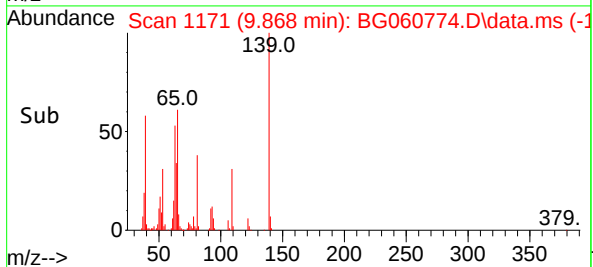
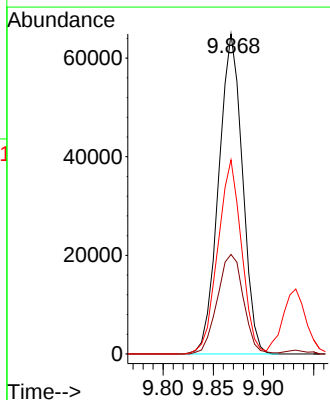
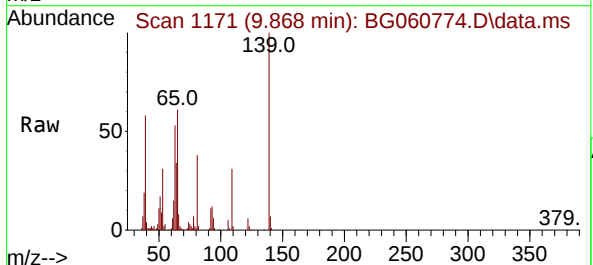
Manual Integrations
APPROVED

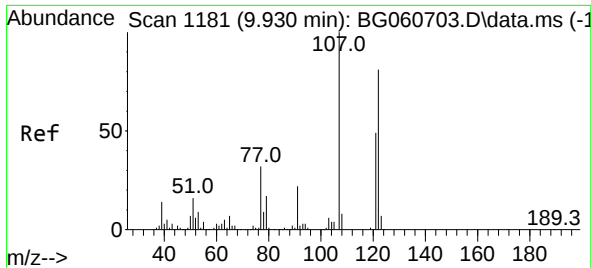
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#26
2-Nitrophenol
Concen: 57.603 ng
RT: 9.868 min Scan# 1171
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:139 Resp: 106816
Ion Ratio Lower Upper
139 100
109 31.1 23.9 35.9
65 60.6 44.5 66.7





#27
2,4-Dimethylphenol
Concen: 41.434 ng
RT: 9.932 min Scan# 1181
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

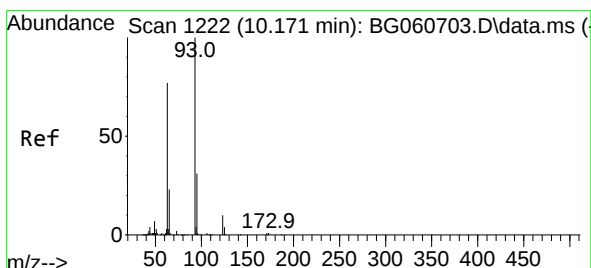
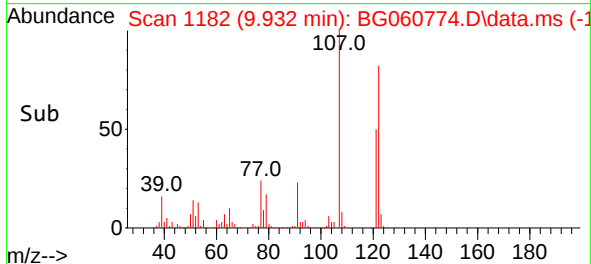
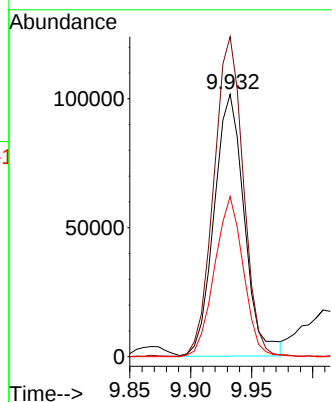
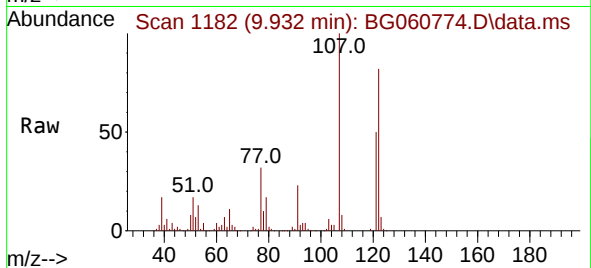
PB159958BS

Tgt Ion:122 Resp: 175168
Ion Ratio Lower Upper
122 100
107 122.0 98.6 147.8
121 61.0 48.1 72.1

Manual Integrations

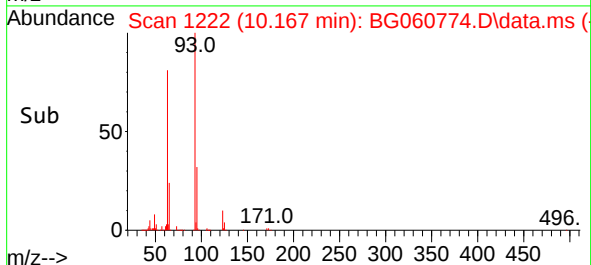
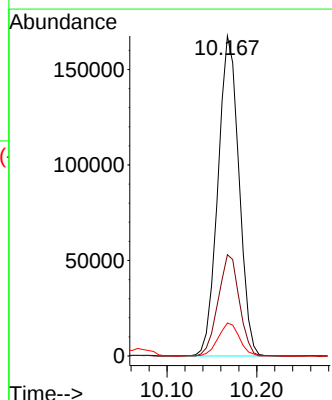
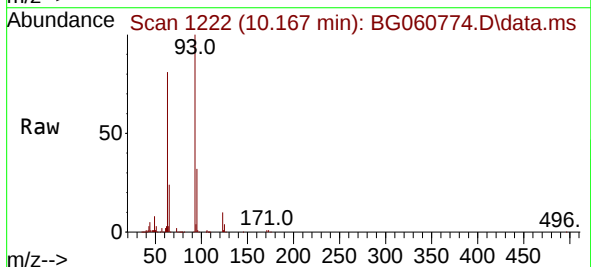
APPROVED

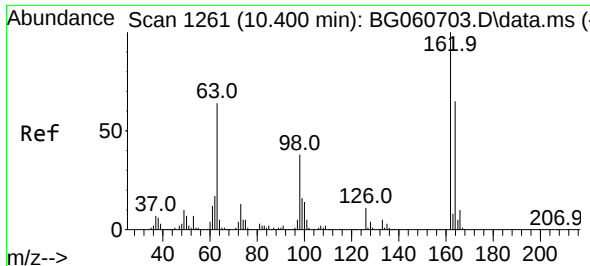
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.764 ng
RT: 10.167 min Scan# 1222
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion: 93 Resp: 271920
Ion Ratio Lower Upper
93 100
95 31.6 25.1 37.7
123 10.3 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 55.435 ng
RT: 10.402 min Scan# 1261
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

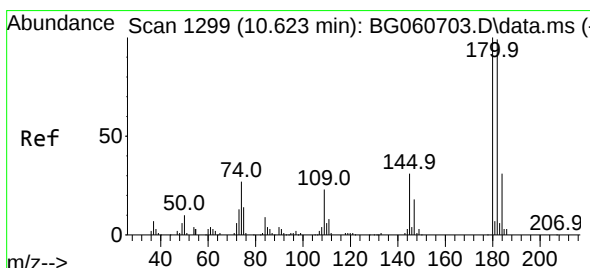
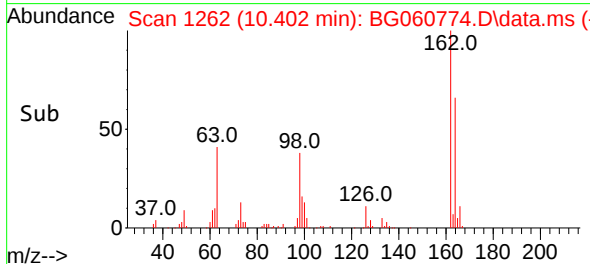
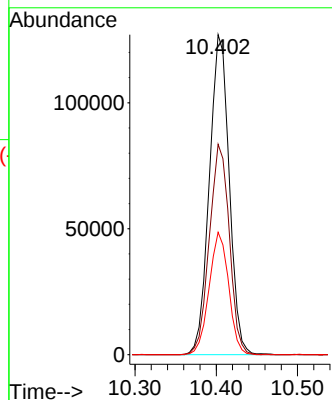
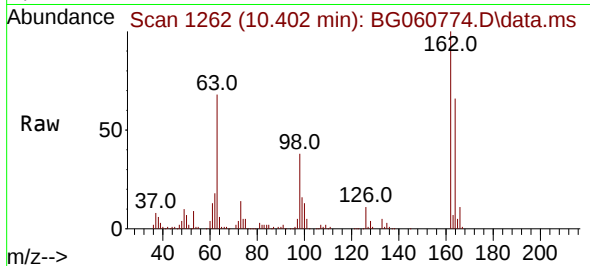
PB159958BS

Tgt Ion:162 Resp: 215200
Ion Ratio Lower Upper
162 100
164 65.7 45.2 85.2
98 38.3 17.7 57.7

Manual Integrations

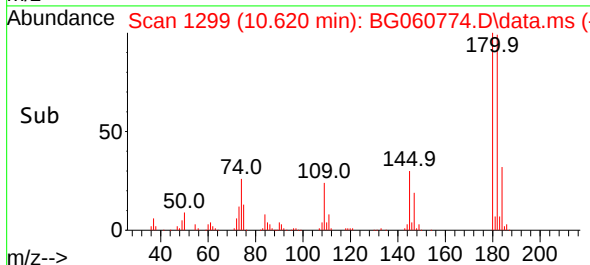
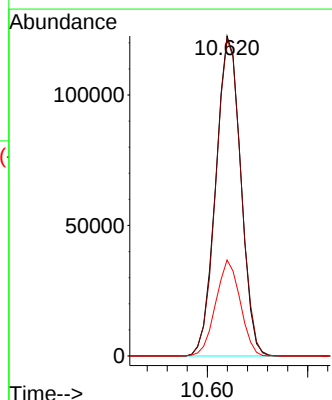
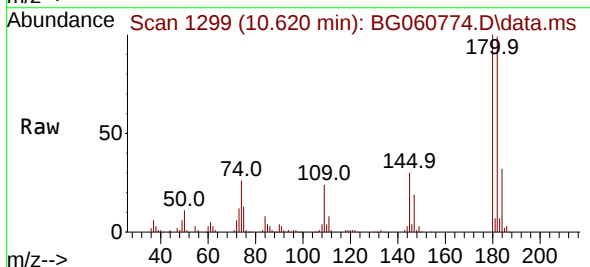
APPROVED

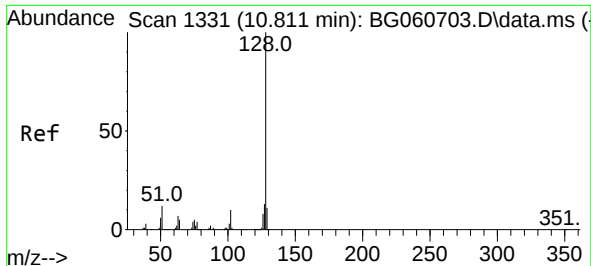
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.157 ng
RT: 10.620 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:180 Resp: 211694
Ion Ratio Lower Upper
180 100
182 99.3 79.0 118.4
145 30.0 24.9 37.3





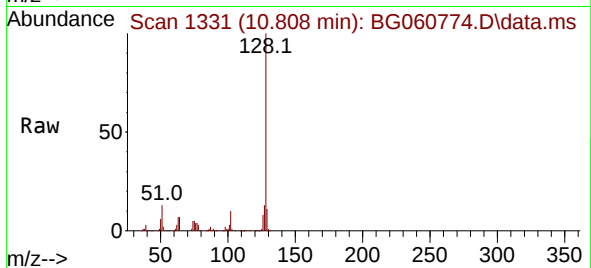
#31
Naphthalene
Concen: 44.792 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

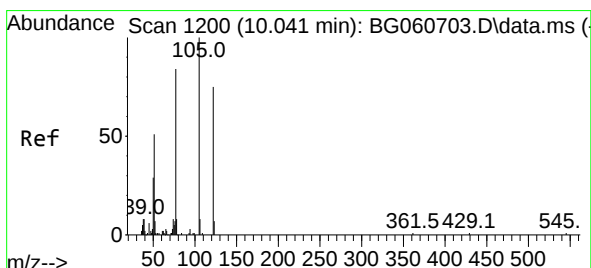
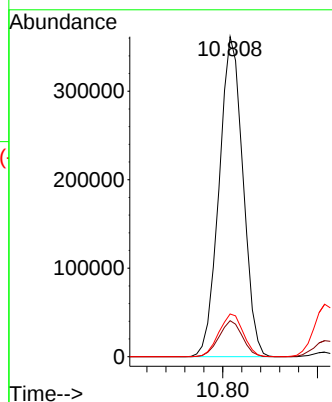
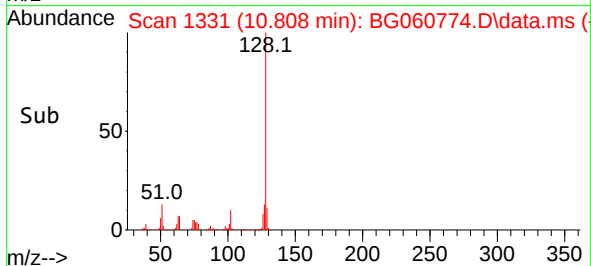


Tgt Ion:128 Resp: 631740
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.3 10.5 15.7

Manual Integrations

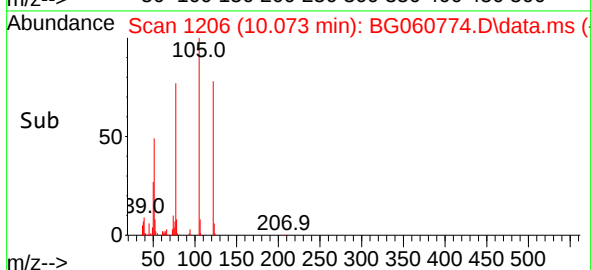
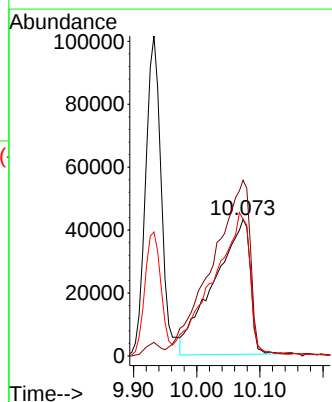
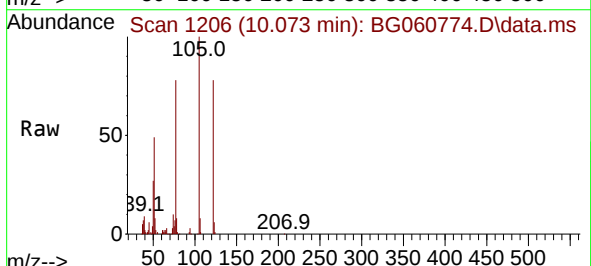
APPROVED

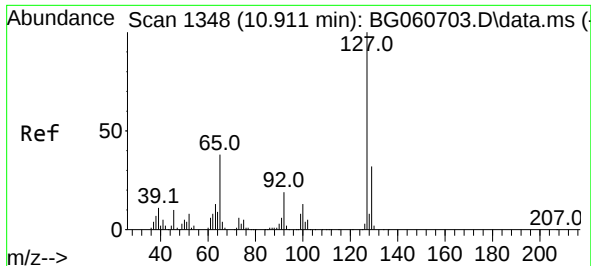
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#32
Benzoic acid
Concen: 58.664 ng
RT: 10.073 min Scan# 1206
Delta R.T. 0.032 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:122 Resp: 169988
Ion Ratio Lower Upper
122 100
105 128.6 104.5 144.5
77 100.1 85.3 125.3





#33
4-Chloroaniline
Concen: 16.490 ng
RT: 10.908 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

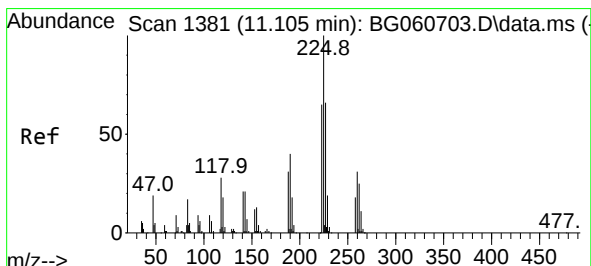
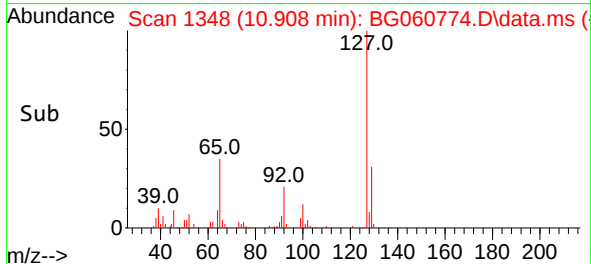
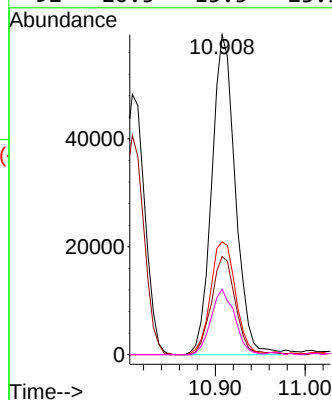
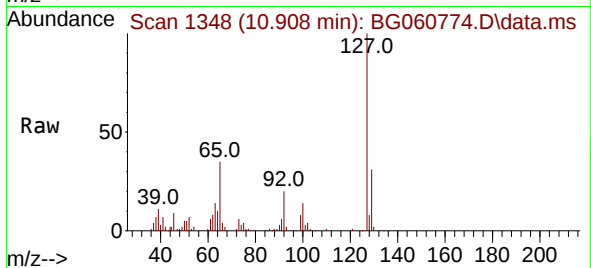
PB159958BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	35.3	30.2	45.2
92	20.5	15.5	23.3

Manual Integrations

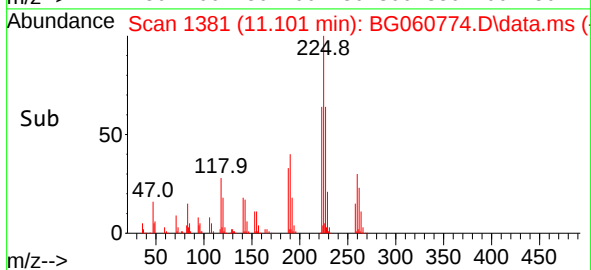
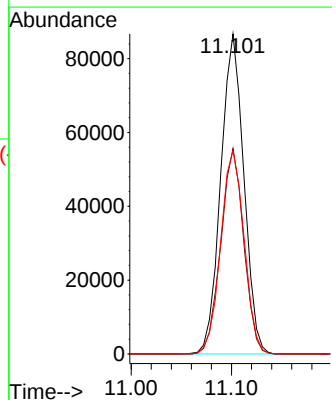
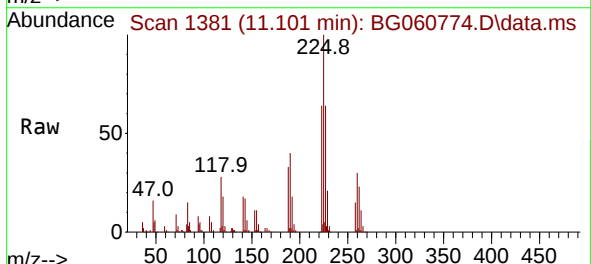
APPROVED

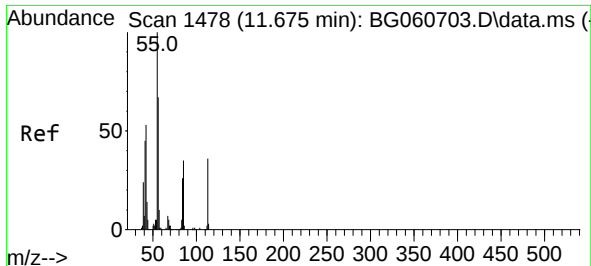
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#34
Hexachlorobutadiene
Concen: 47.155 ng
RT: 11.101 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

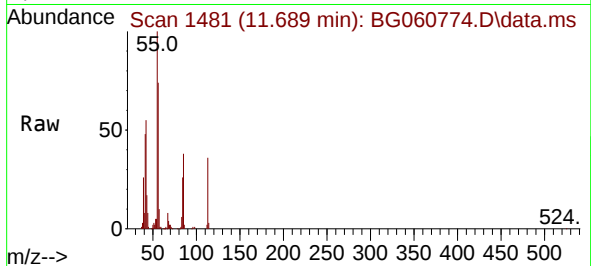
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.0	78.0
227	63.6	52.5	78.7





#35
Caprolactam
Concen: 52.314 ng m
RT: 11.689 min Scan# 1478
Delta R.T. 0.014 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

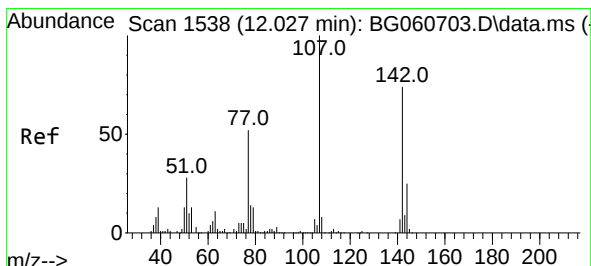
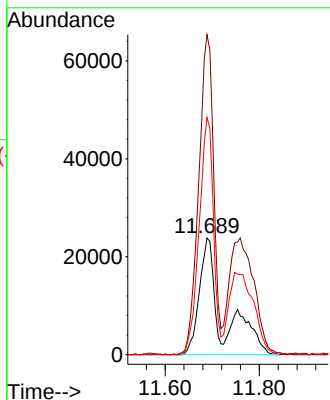
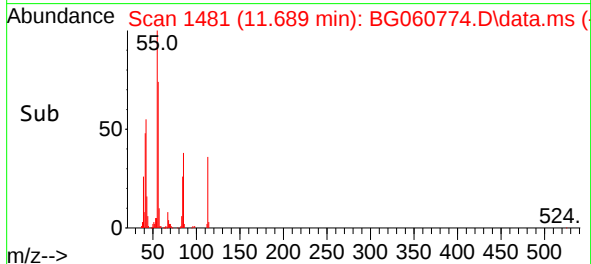
Instrument :
BNA_G
ClientSampleId :
PB159958BS



Tgt Ion:113 Resp: 8043
Ion Ratio Lower Upper
113 100
55 274.2 258.0 298.0
56 203.3 166.3 206.3

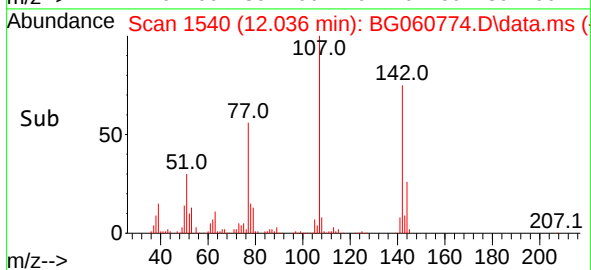
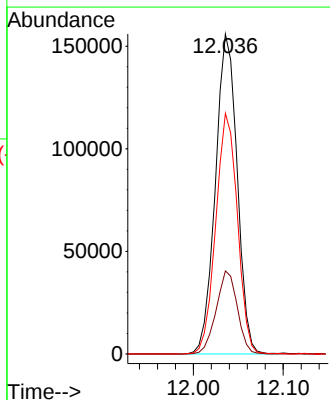
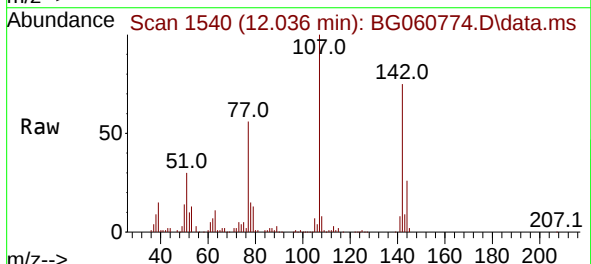
Manual Integrations
APPROVED

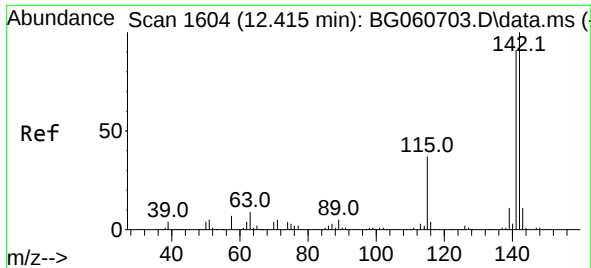
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#36
4-Chloro-3-methylphenol
Concen: 52.909 ng
RT: 12.036 min Scan# 1540
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:107 Resp: 262395
Ion Ratio Lower Upper
107 100
144 25.9 20.0 30.0
142 75.2 59.2 88.8





#37
2-Methylnaphthalene
Concen: 44.043 ng
RT: 12.418 min Scan# 1605
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

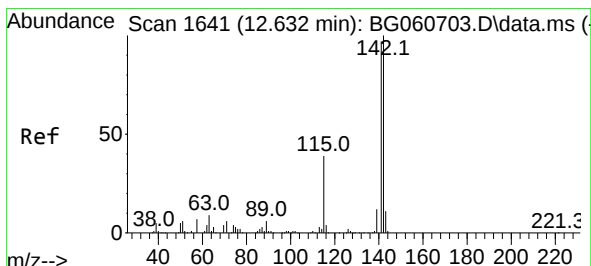
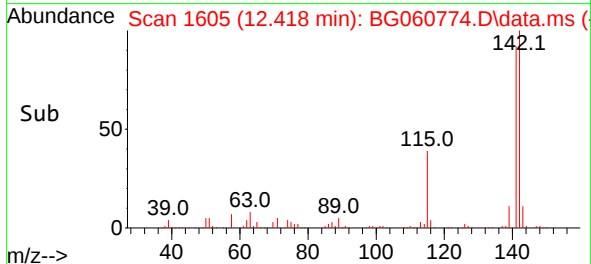
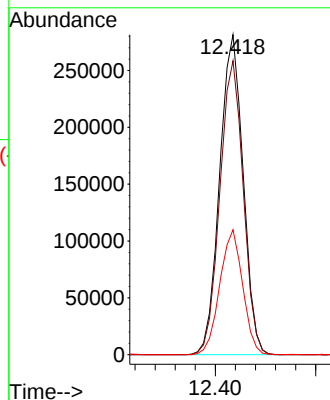
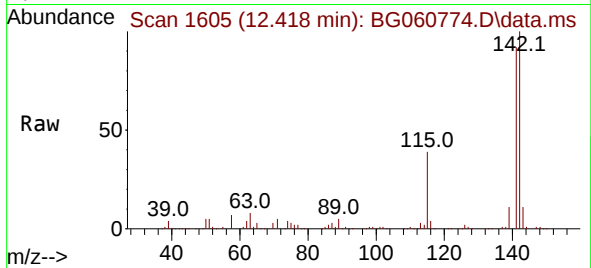
PB159958BS

Tgt Ion:142 Resp: 45668
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1
115 39.1 29.9 44.9

Manual Integrations

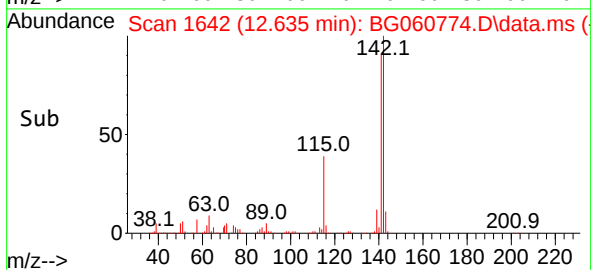
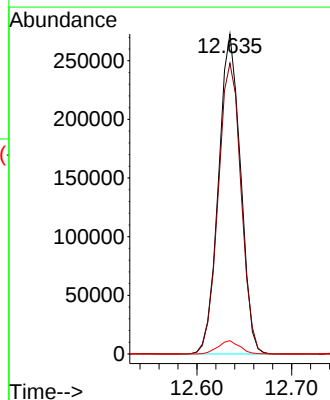
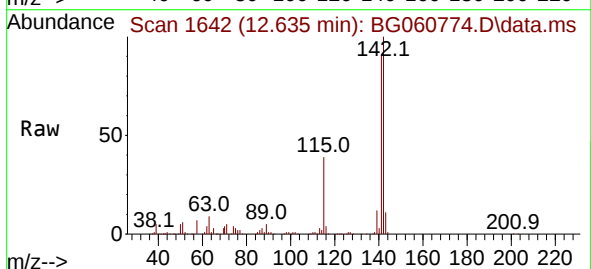
APPROVED

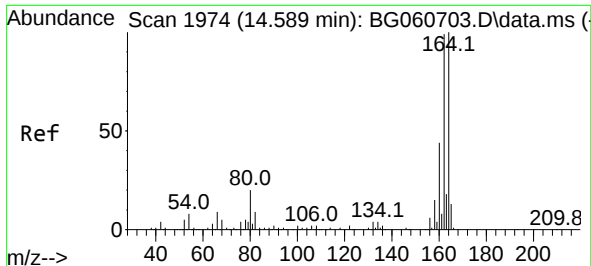
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#38
1-Methylnaphthalene
Concen: 44.967 ng
RT: 12.635 min Scan# 1642
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:142 Resp: 440483
Ion Ratio Lower Upper
142 100
141 90.9 77.7 116.5
116 4.2 3.4 5.2





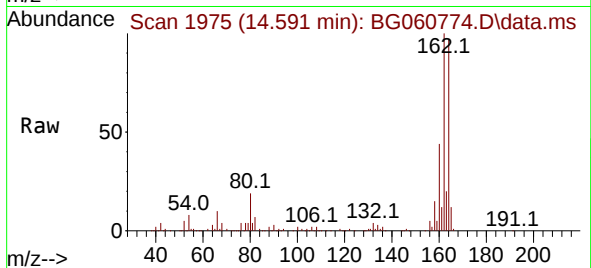
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

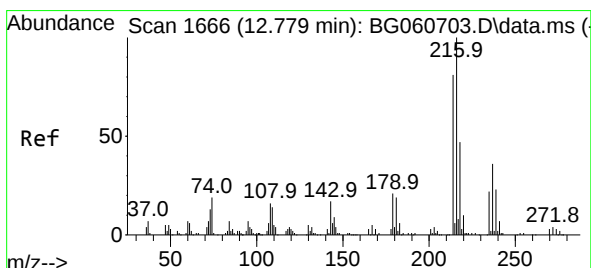
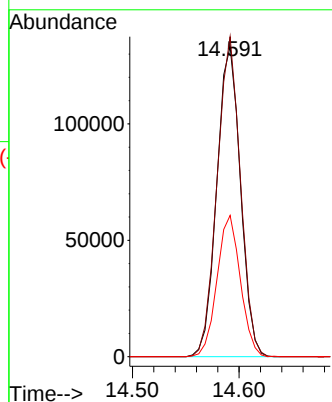
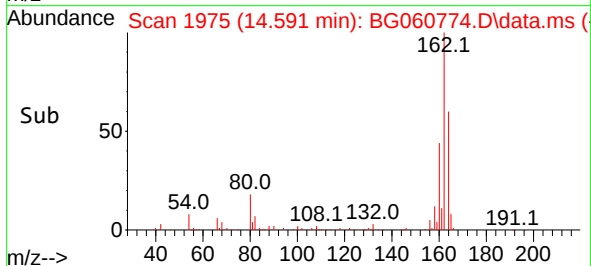


Tgt Ion:164 Resp: 204940
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 45.6 35.4 53.0

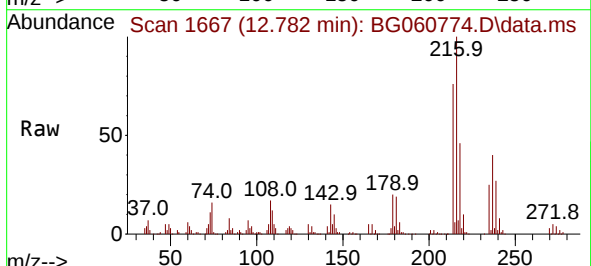
Manual Integrations

APPROVED

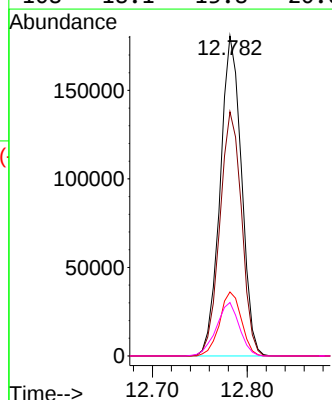
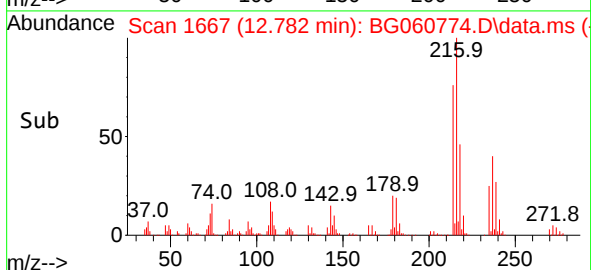
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

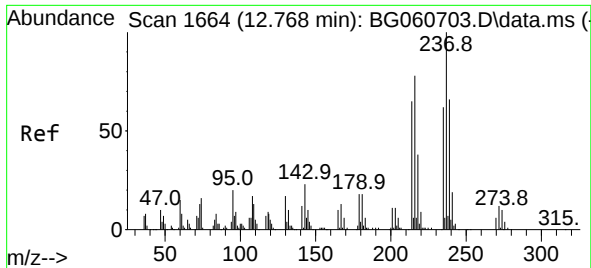


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.946 ng
RT: 12.782 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



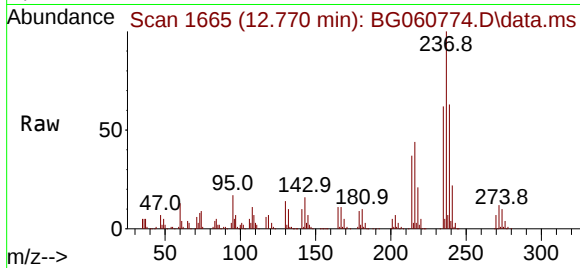
Tgt Ion:216 Resp: 282486
Ion Ratio Lower Upper
216 100
214 77.8 63.1 94.7
179 20.4 16.7 25.1
108 18.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 94.623 ng
RT: 12.770 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

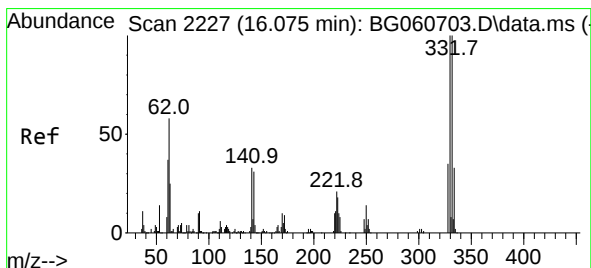
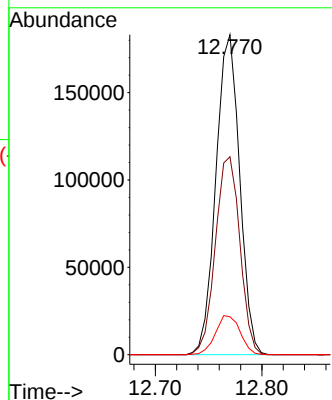
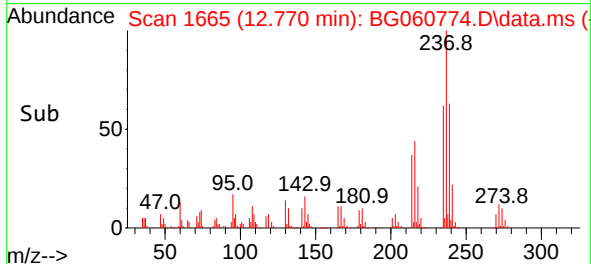
Instrument :
BNA_G
ClientSampleId :
PB159958BS



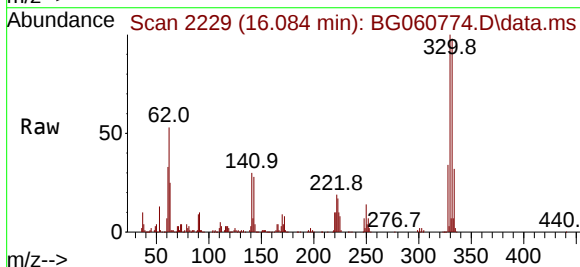
Tgt Ion:237 Resp: 28347
Ion Ratio Lower Upper
237 100
235 61.9 42.0 82.0
272 11.8 0.0 32.4

Manual Integrations
APPROVED

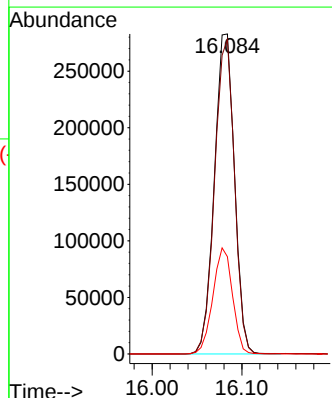
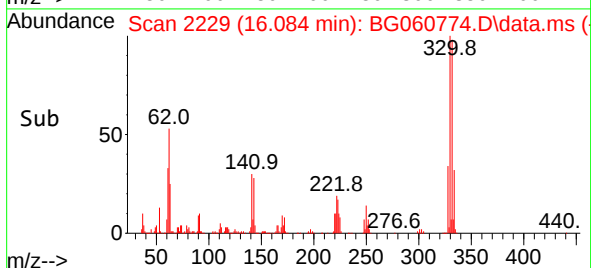
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

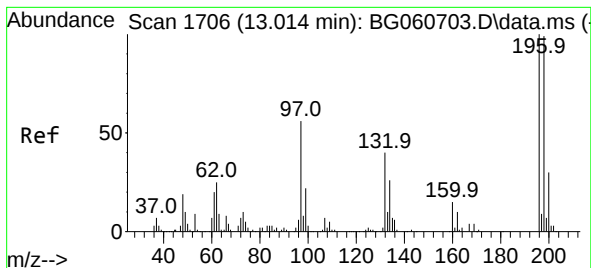


#42
2,4,6-Tribromophenol
Concen: 189.282 ng
RT: 16.084 min Scan# 2229
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:330 Resp: 440346
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 32.2 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 55.601 ng

RT: 13.023 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:196 Resp: 21093

Ion Ratio Lower Upper

196 100

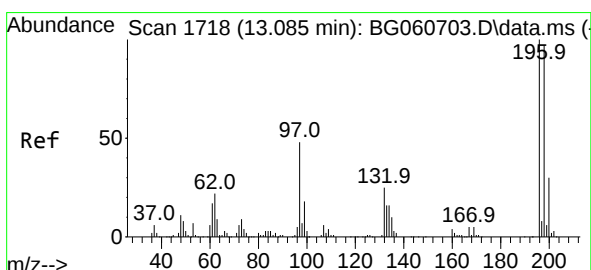
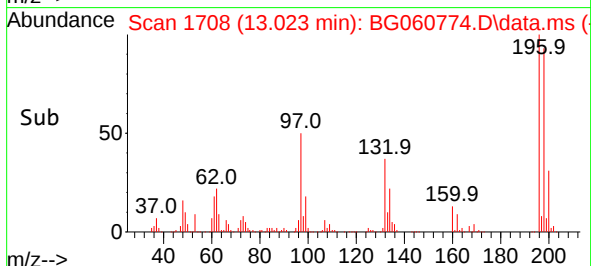
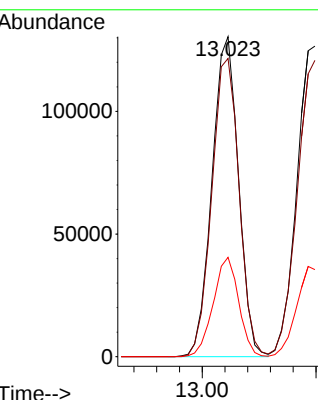
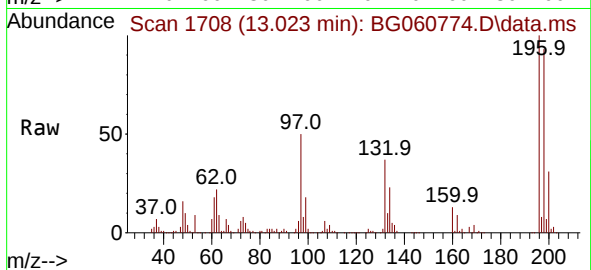
198 93.2 79.1 118.7

200 31.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#44

2,4,5-Trichlorophenol

Concen: 52.782 ng

RT: 13.099 min Scan# 1721

Delta R.T. 0.014 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Tgt Ion:196 Resp: 238970

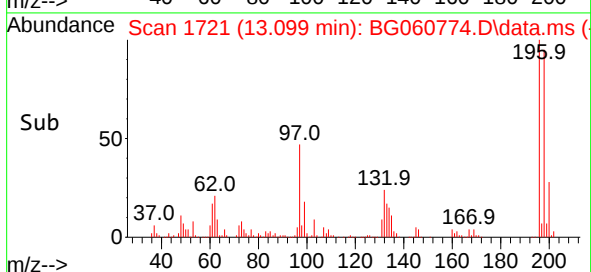
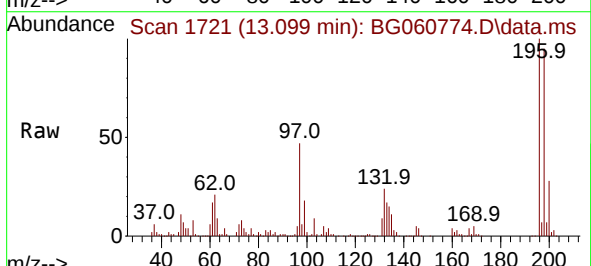
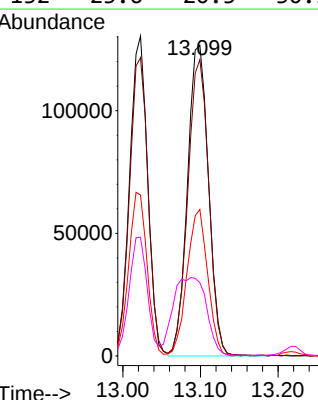
Ion Ratio Lower Upper

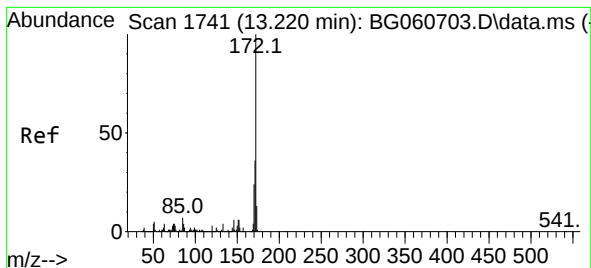
196 100

198 95.4 77.8 116.8

97 47.1 38.2 57.4

132 23.6 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 87.135 ng

RT: 13.217 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060774.D

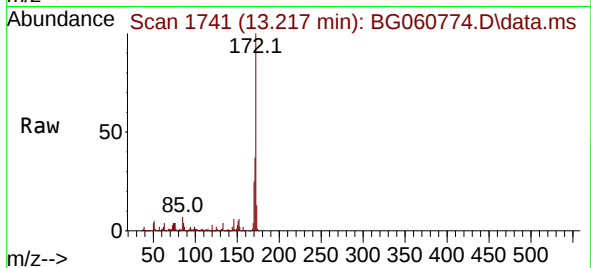
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS



Tgt Ion:172 Resp: 1216758

Ion Ratio Lower Upper

172 100

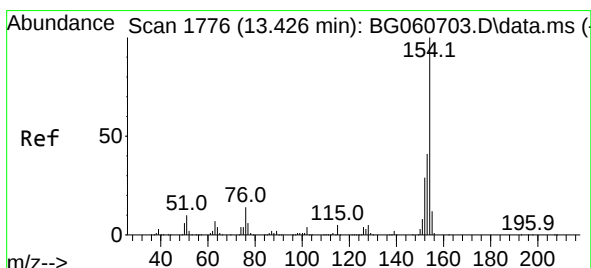
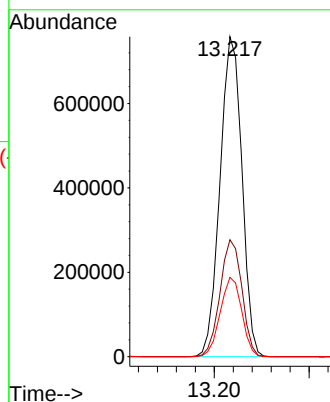
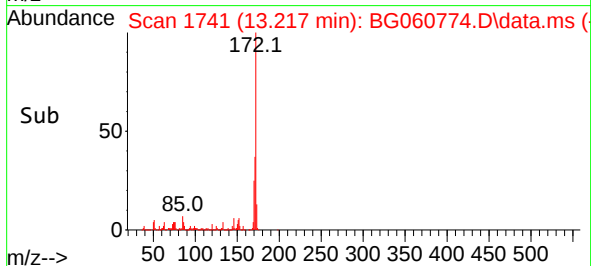
171 36.5 28.7 43.1

170 24.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#46

1,1'-Biphenyl

Concen: 45.028 ng

RT: 13.428 min Scan# 1777

Delta R.T. 0.002 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

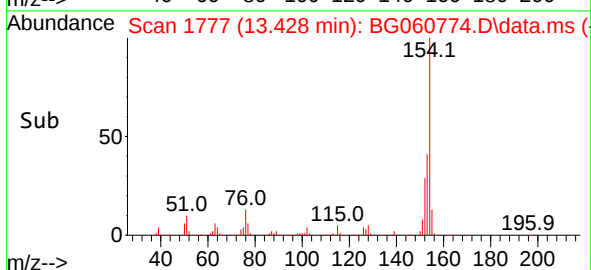
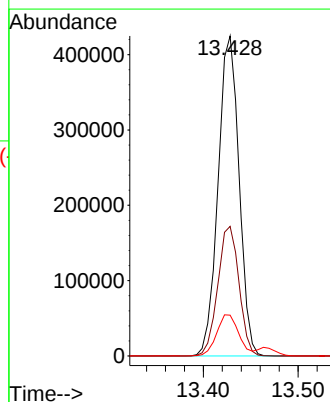
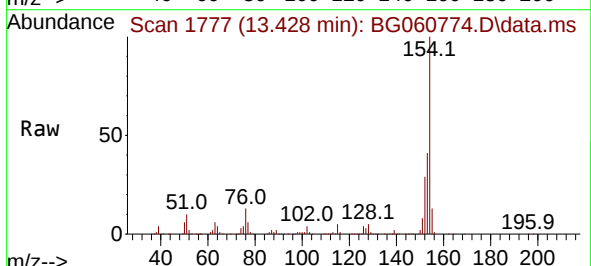
Tgt Ion:154 Resp: 651808

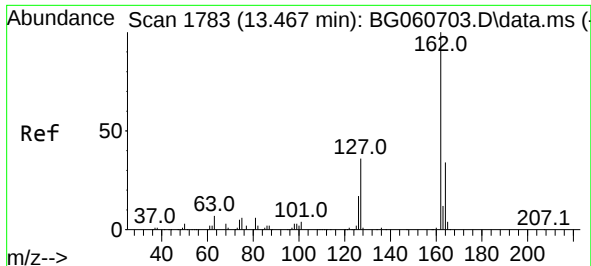
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 12.8 0.0 33.9





#47
2-Chloronaphthalene
Concen: 47.158 ng
RT: 13.463 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

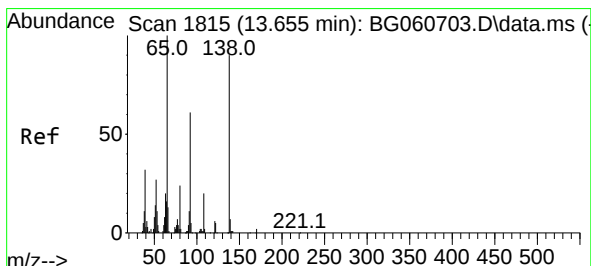
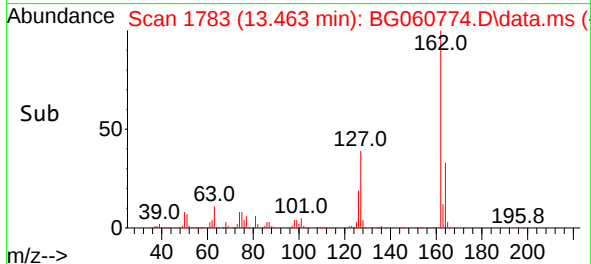
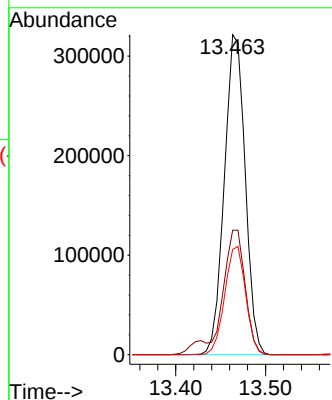
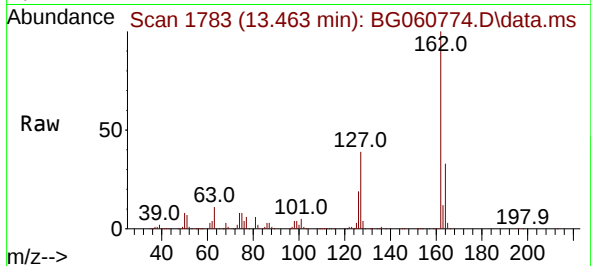
ClientSampleId :

PB159958BS

Tgt Ion:162 Resp: 51865
Ion Ratio Lower Upper
162 100
127 38.9 30.6 46.0
164 32.9 26.9 40.3

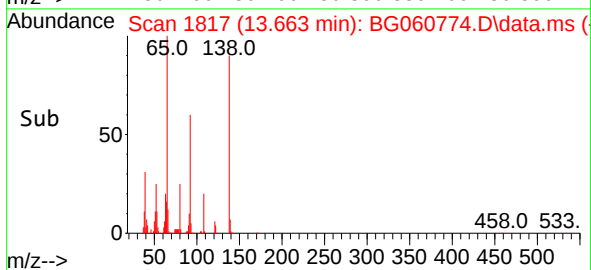
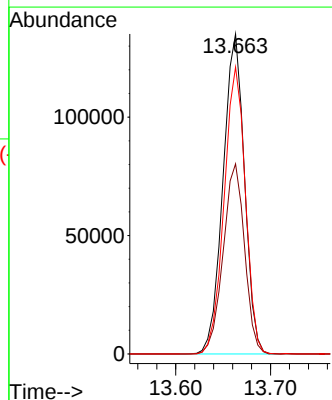
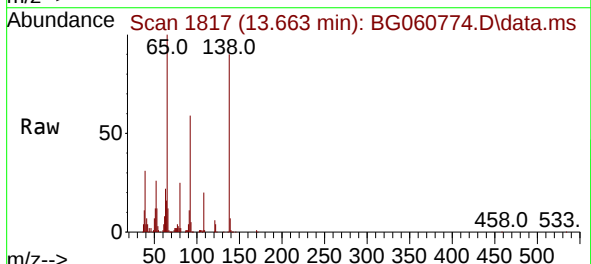
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#48
2-Nitroaniline
Concen: 57.534 ng
RT: 13.663 min Scan# 1817
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion: 65 Resp: 212035
Ion Ratio Lower Upper
65 100
92 59.4 48.6 72.8
138 89.6 72.2 108.4





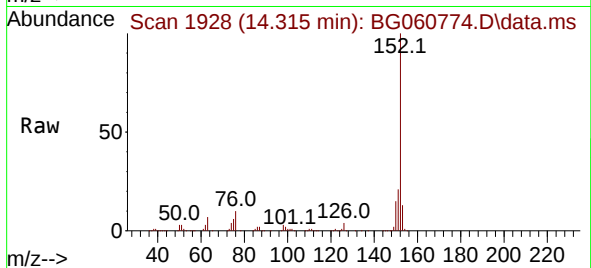
#49
Acenaphthylene
Concen: 48.993 ng
RT: 14.315 min Scan# 1927
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

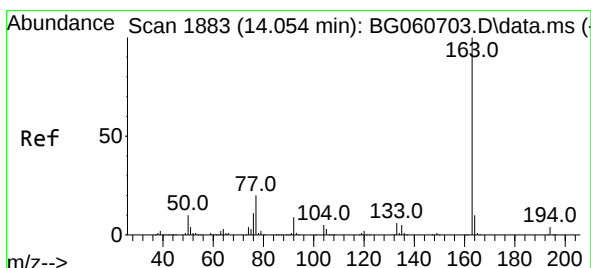
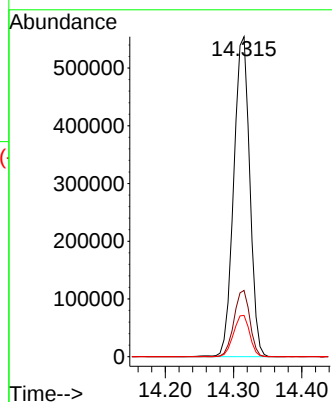
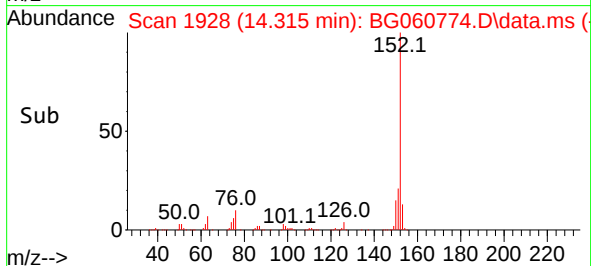


Tgt Ion:152 Resp: 905379
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 12.9 10.5 15.7

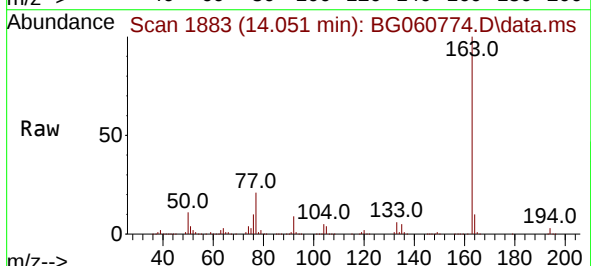
Manual Integrations

APPROVED

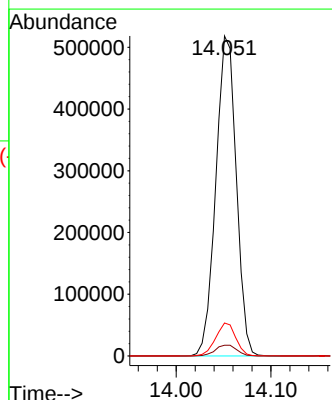
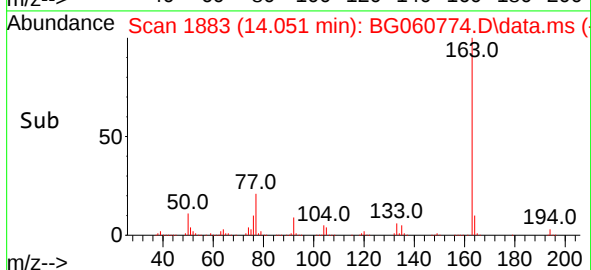
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

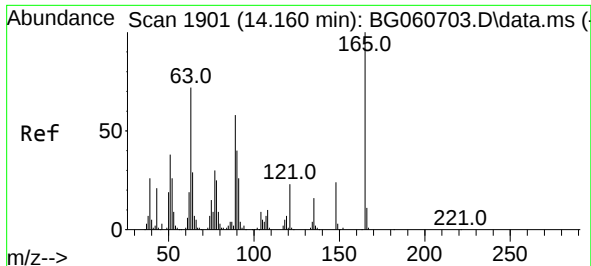


#50
Dimethylphthalate
Concen: 47.933 ng
RT: 14.051 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:163 Resp: 776447
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.3 7.9 11.9





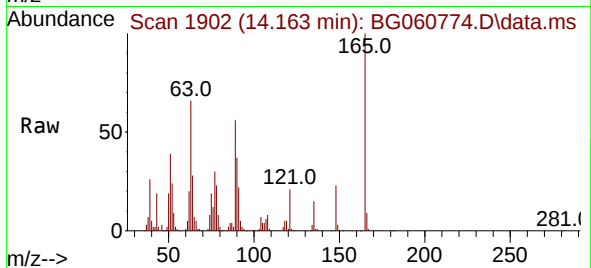
#51
2,6-Dinitrotoluene
Concen: 55.429 ng
RT: 14.163 min Scan# 1901
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

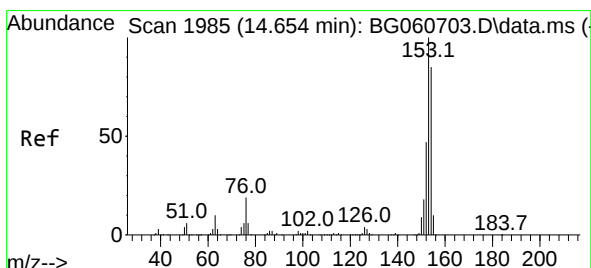
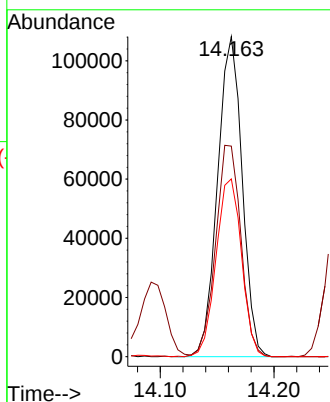
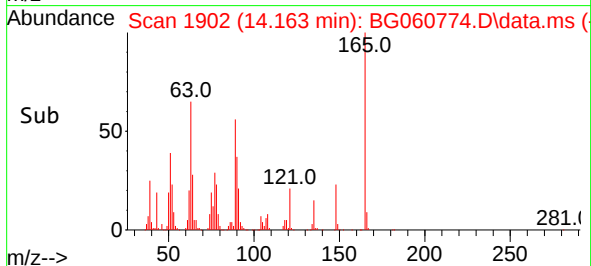


Tgt Ion:165 Resp: 162452
Ion Ratio Lower Upper
165 100
63 65.8 58.2 87.4
89 55.6 46.1 69.1

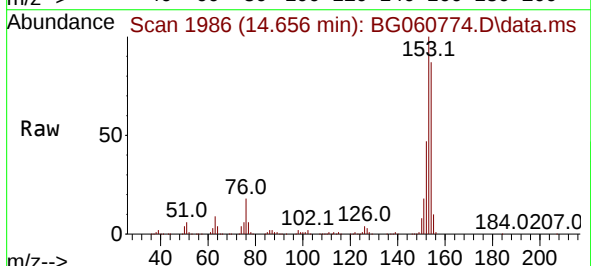
Manual Integrations

APPROVED

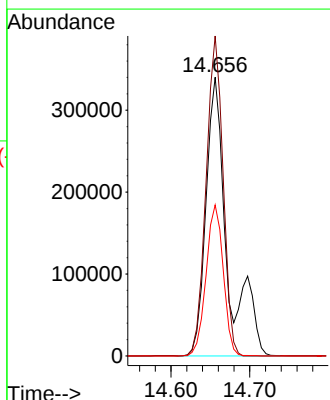
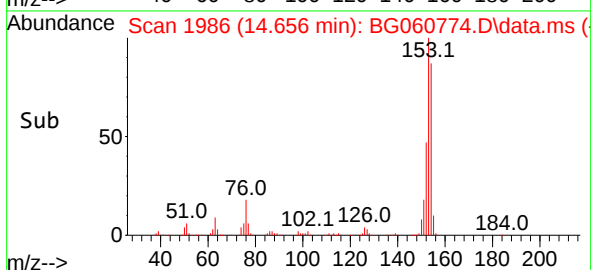
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

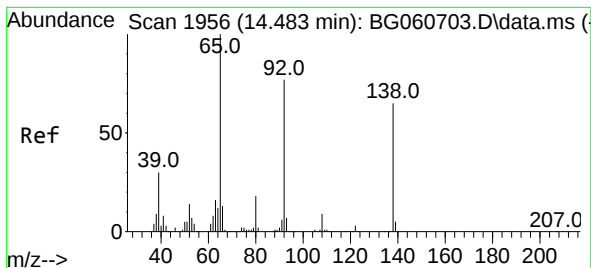


#52
Acenaphthene
Concen: 55.814 ng m
RT: 14.656 min Scan# 1986
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:154 Resp: 647590
Ion Ratio Lower Upper
154 100
153 114.8 93.9 140.9
152 54.2 44.1 66.1





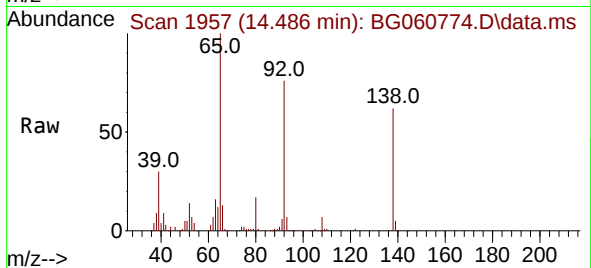
#53
3-Nitroaniline
Concen: 38.302 ng
RT: 14.486 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

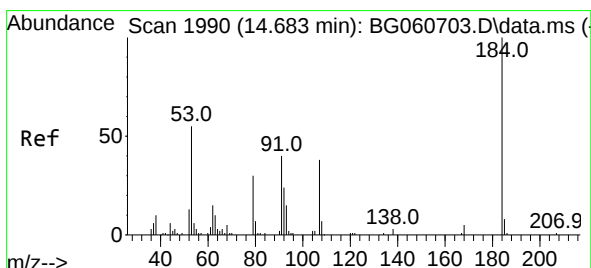
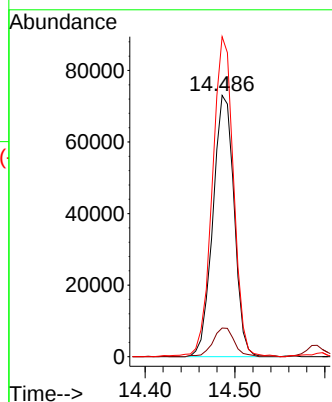
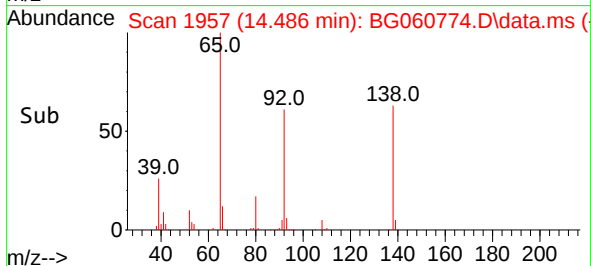


Tgt Ion:138 Resp: 11991
Ion Ratio Lower Upper
138 100
108 11.0 11.3 16.9
92 122.5 94.1 141.1

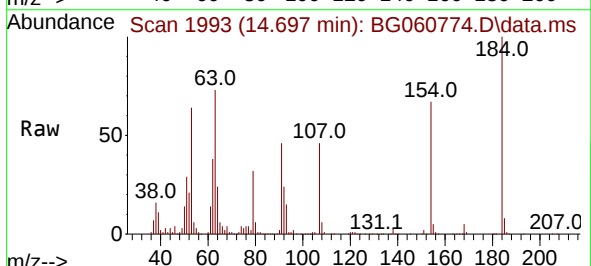
Manual Integrations

APPROVED

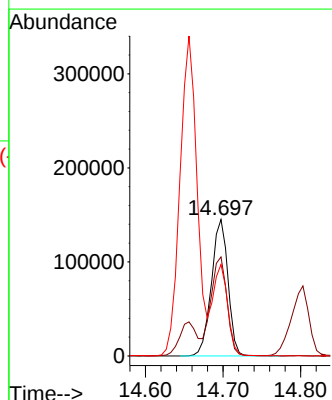
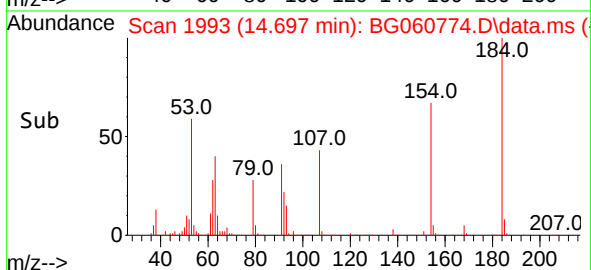
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

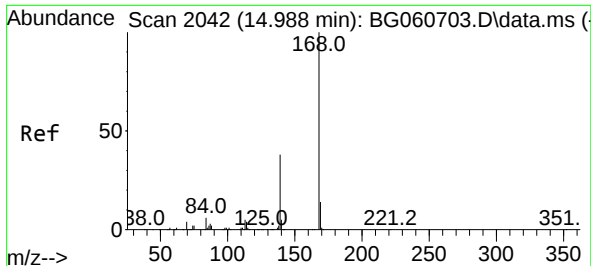


#54
2,4-Dinitrophenol
Concen: 190.846 ng
RT: 14.697 min Scan# 1993
Delta R.T. 0.014 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



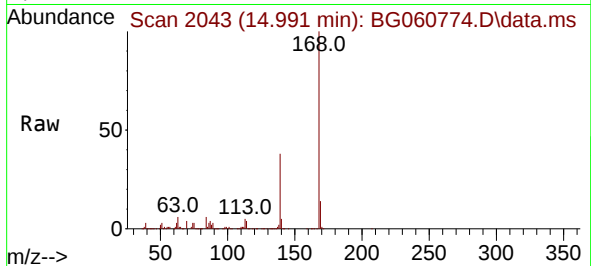
Tgt Ion:184 Resp: 215183
Ion Ratio Lower Upper
184 100
63 72.6 51.3 76.9
154 67.1 59.9 89.9





#55
Dibenzenofuran
Concen: 47.868 ng
RT: 14.991 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

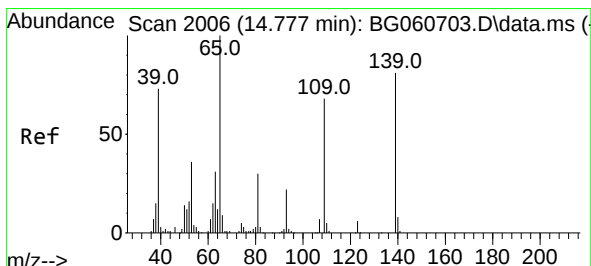
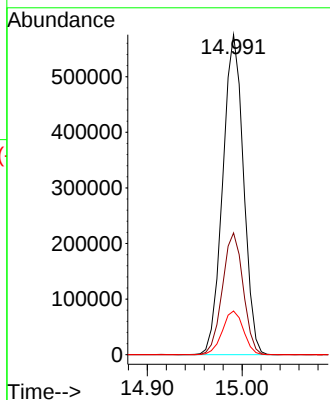
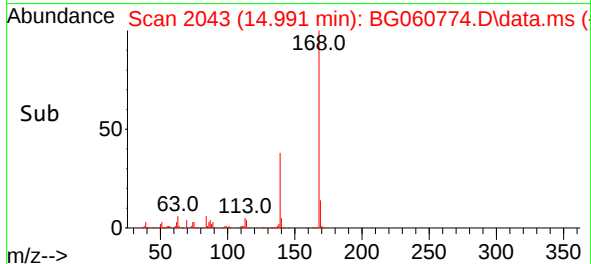
Instrument :
BNA_G
ClientSampleId :
PB159958BS



Tgt Ion:168 Resp: 87605
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.7 11.0 16.4

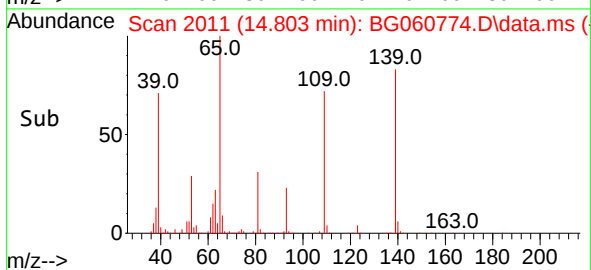
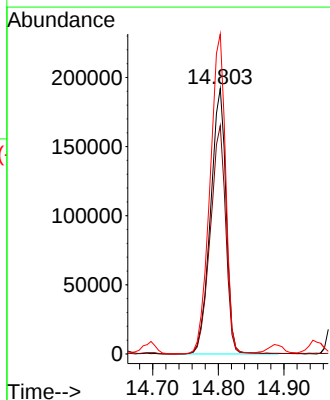
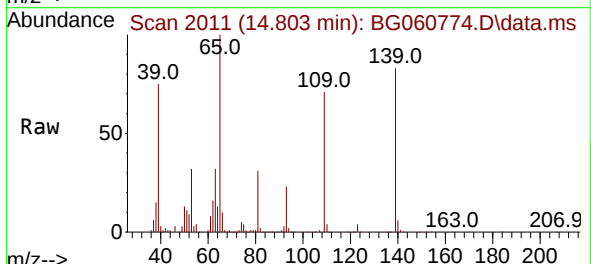
Manual Integrations
APPROVED

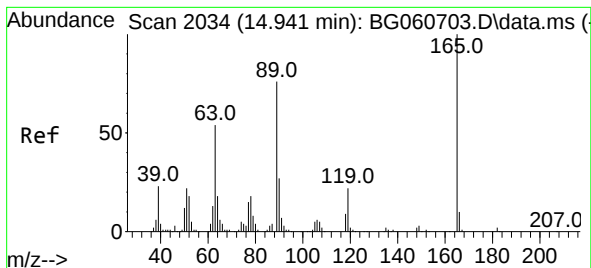
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#56
4-Nitrophenol
Concen: 133.307 ng
RT: 14.803 min Scan# 2011
Delta R.T. 0.026 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:139 Resp: 315680
Ion Ratio Lower Upper
139 100
109 86.0 64.0 104.0
65 120.5 104.3 144.3





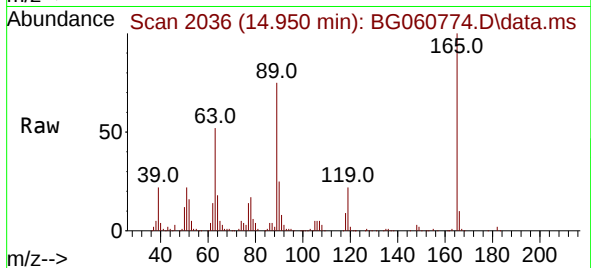
#57
2,4-Dinitrotoluene
Concen: 62.643 ng
RT: 14.950 min Scan# 2036
Delta R.T. 0.009 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

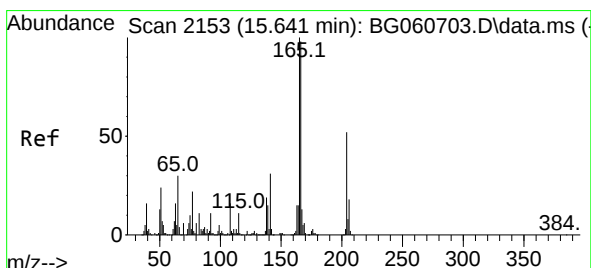
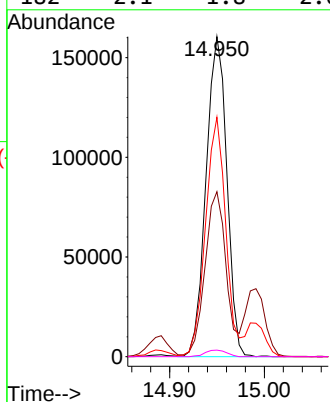
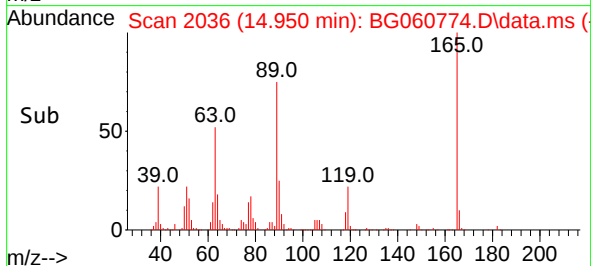


Tgt Ion:165 Resp: 24399
Ion Ratio Lower Upper
165 100
63 51.6 43.4 65.0
89 74.8 61.0 91.6
182 2.1 1.8 2.6

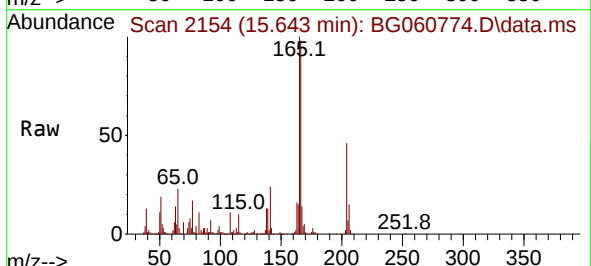
Manual Integrations

APPROVED

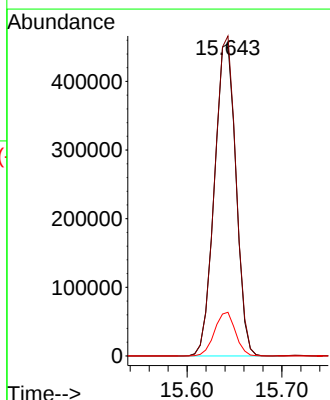
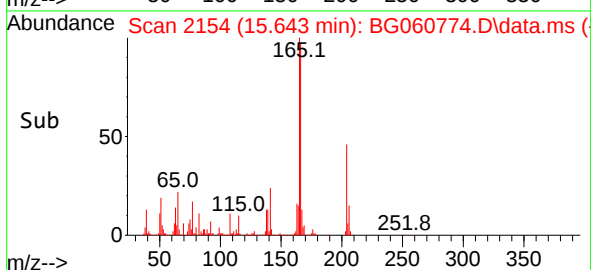
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

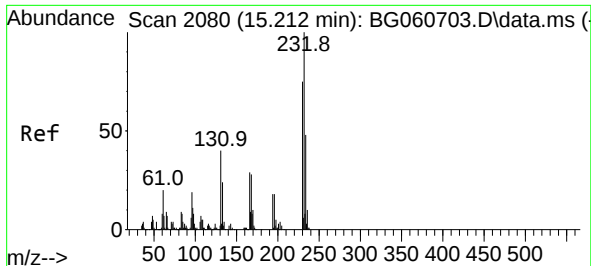


#58
Fluorene
Concen: 49.035 ng
RT: 15.643 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:166 Resp: 720244
Ion Ratio Lower Upper
166 100
165 102.5 81.8 122.8
167 14.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.953 ng
RT: 15.214 min Scan# 2080
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

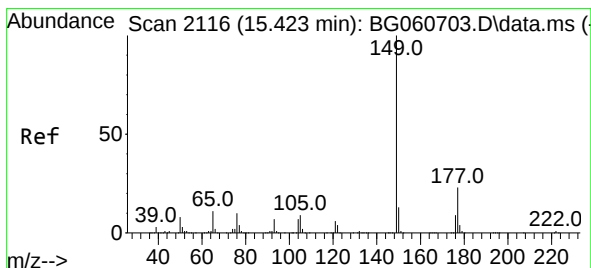
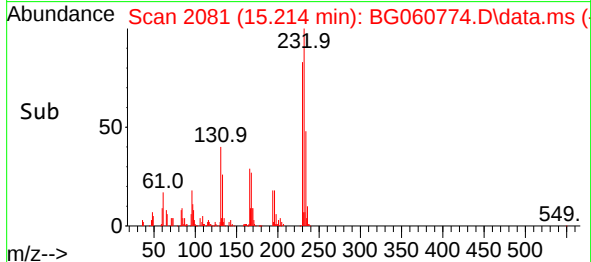
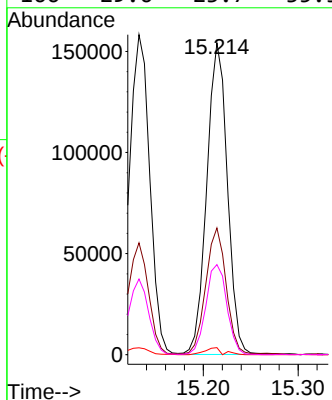
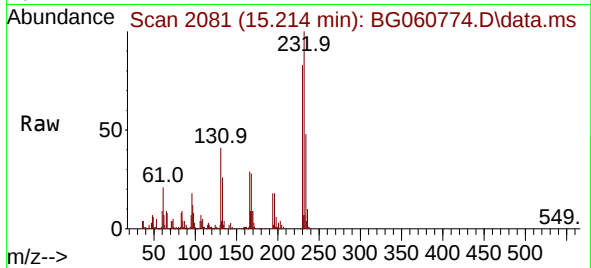
Instrument :
BNA_G
ClientSampleId :
PB159958BS

Tgt Ion:232 Resp: 232604

Ion	Ratio	Lower	Upper
232	100		
131	39.8	32.2	48.2
130	1.9	2.1	3.1
166	29.6	23.7	35.5

Manual Integrations
APPROVED

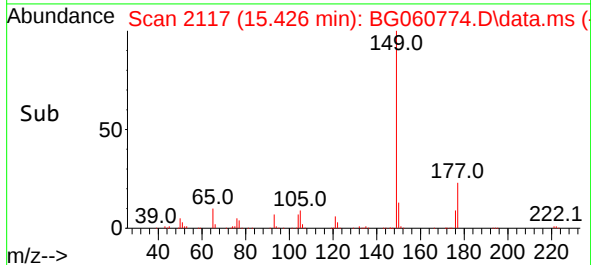
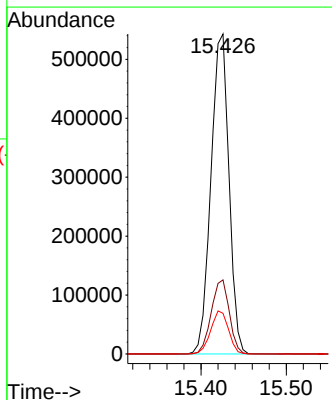
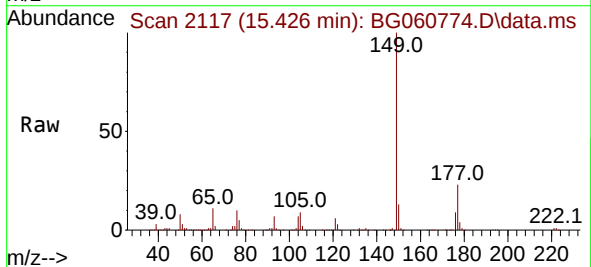
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

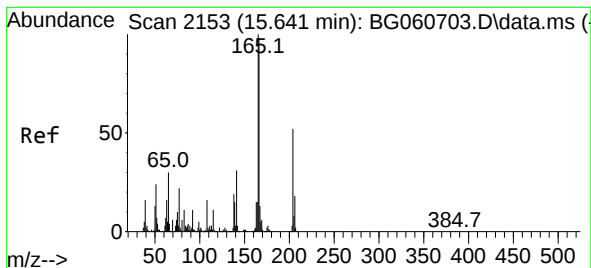


#60
Diethylphthalate
Concen: 48.935 ng
RT: 15.426 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:149 Resp: 797488

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.0	27.0
150	12.7	10.2	15.4





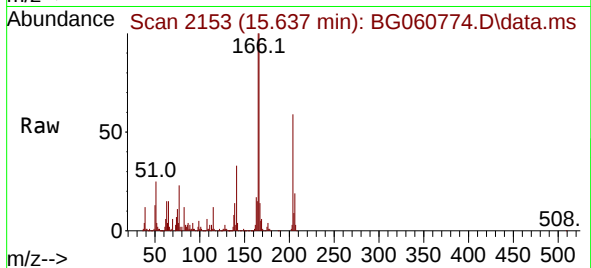
#61
4-Chlorophenyl-phenylether
Concen: 49.011 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

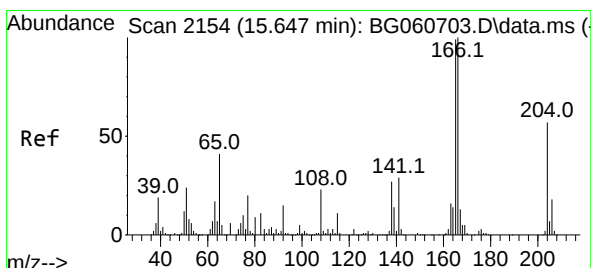
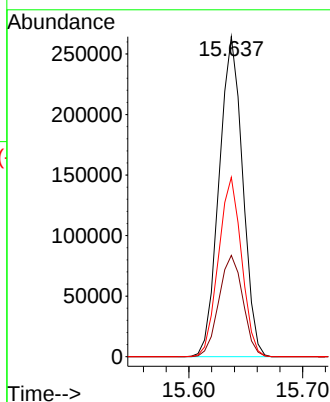
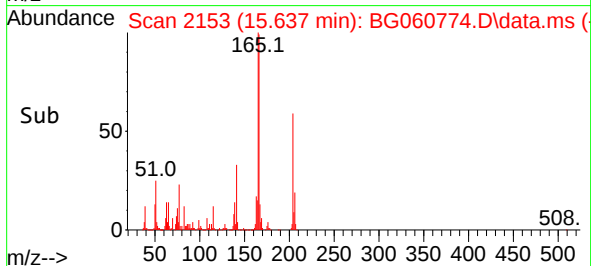


Tgt Ion:204 Resp: 38085
Ion Ratio Lower Upper
204 100
206 31.7 28.3 42.5
141 56.1 47.2 70.8

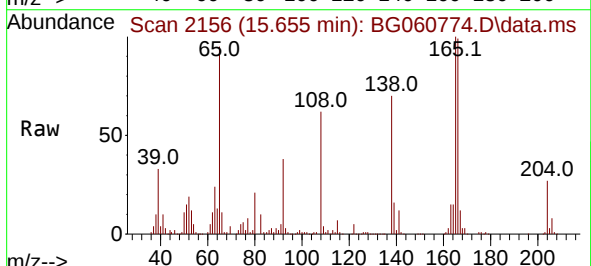
Manual Integrations

APPROVED

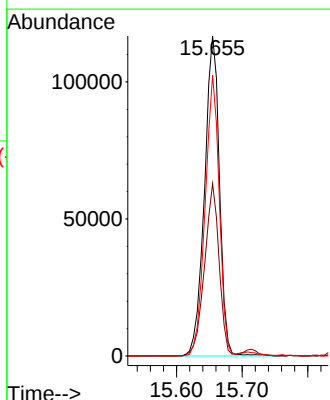
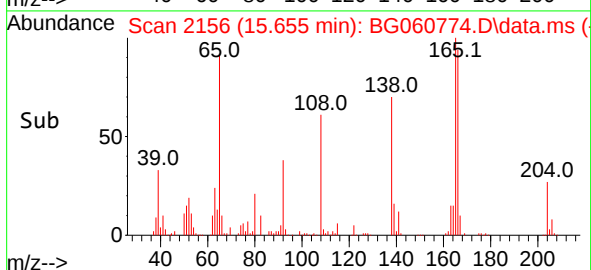
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

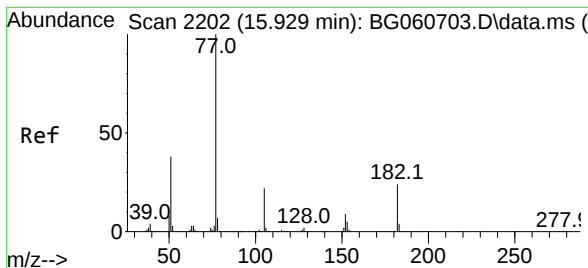


#62
4-Nitroaniline
Concen: 62.598 ng
RT: 15.655 min Scan# 2156
Delta R.T. 0.008 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:138 Resp: 185393
Ion Ratio Lower Upper
138 100
92 53.9 36.8 76.8
108 87.7 66.9 106.9





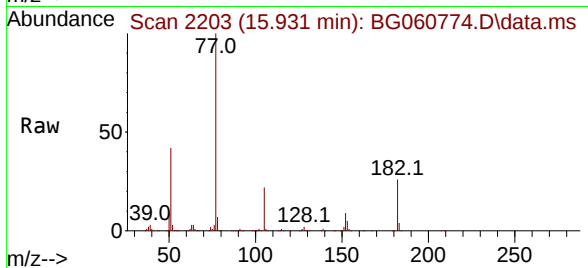
#63
Azobenzene
Concen: 47.987 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

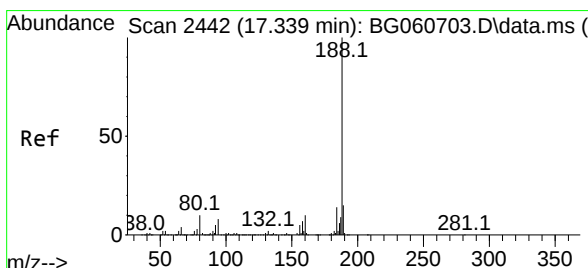
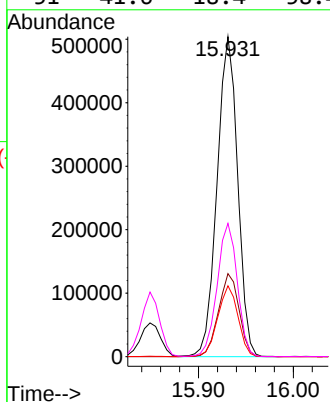
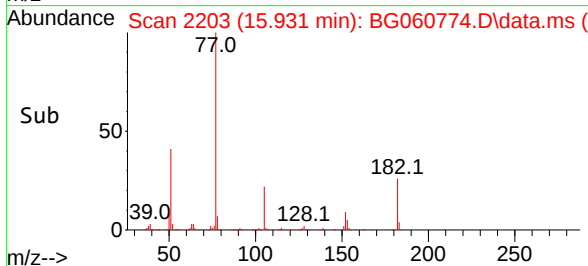


Tgt Ion: 77 Resp: 76206
Ion Ratio Lower Upper
77 100
182 26.0 3.9 43.9
105 22.1 1.7 41.7
51 41.6 18.4 58.4

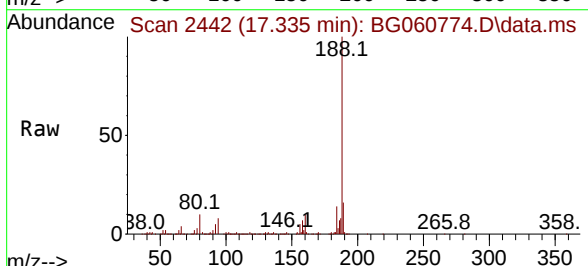
Manual Integrations

APPROVED

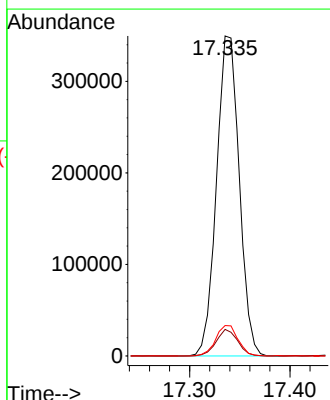
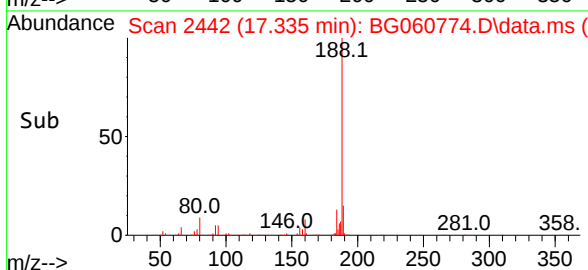
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

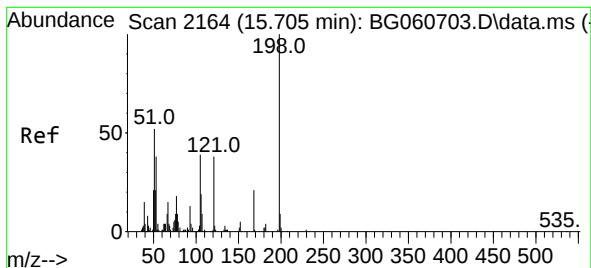


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



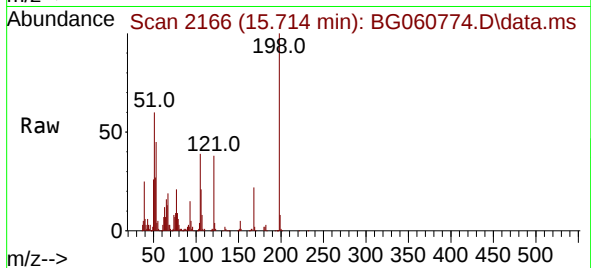
Tgt Ion:188 Resp: 549065
Ion Ratio Lower Upper
188 100
94 8.3 6.6 9.8
80 9.5 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 62.474 ng
RT: 15.714 min Scan# 2166
Delta R.T. 0.009 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

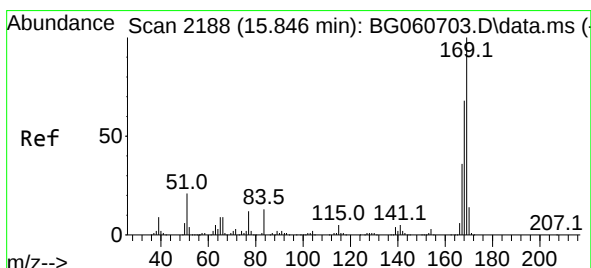
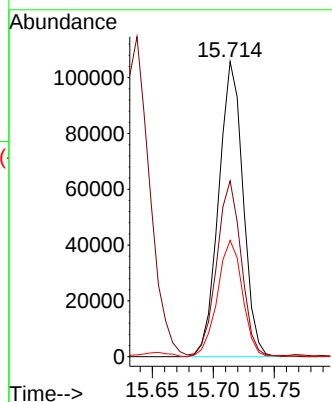
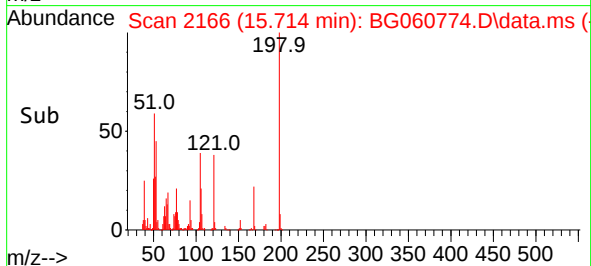
Instrument :
BNA_G
ClientSampleId :
PB159958BS



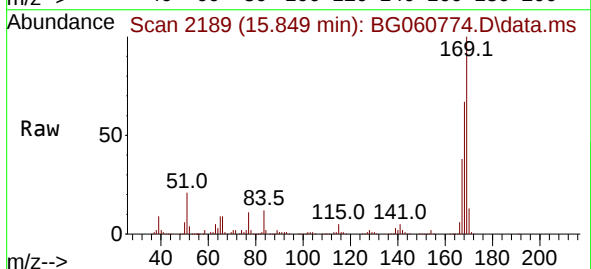
Tgt Ion:198 Resp: 14719
Ion Ratio Lower Upper
198 100
51 59.6 36.7 76.7
105 39.4 19.1 59.1

Manual Integrations
APPROVED

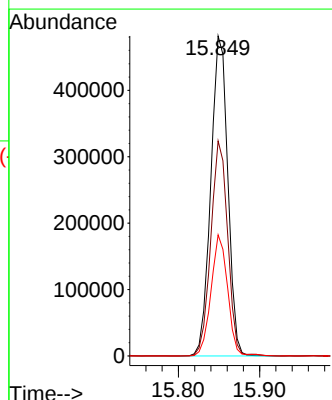
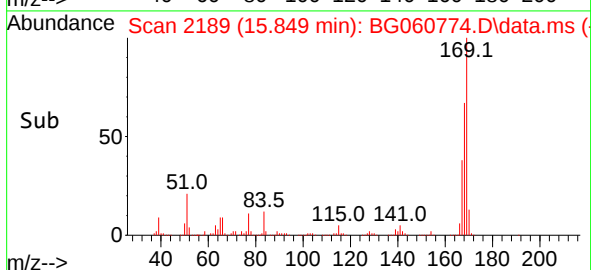
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

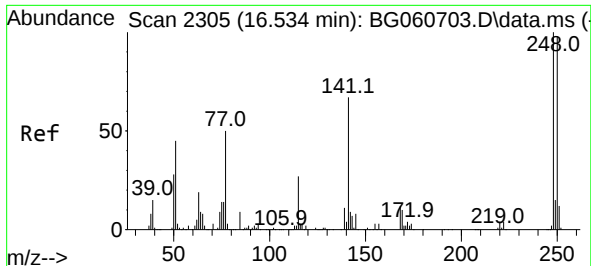


#66
n-Nitrosodiphenylamine
Concen: 44.457 ng
RT: 15.849 min Scan# 2189
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:169 Resp: 697546
Ion Ratio Lower Upper
169 100
168 67.2 54.5 81.7
167 37.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.828 ng
RT: 16.530 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

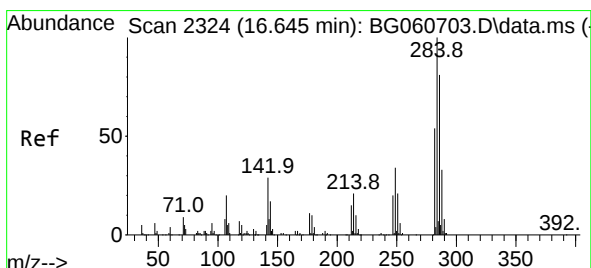
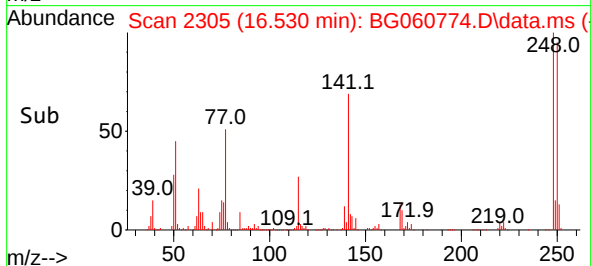
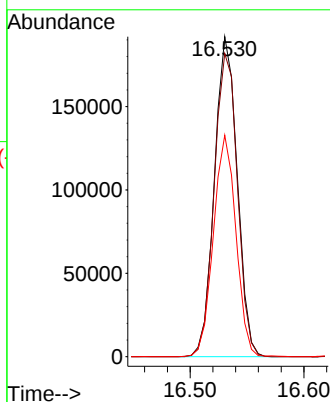
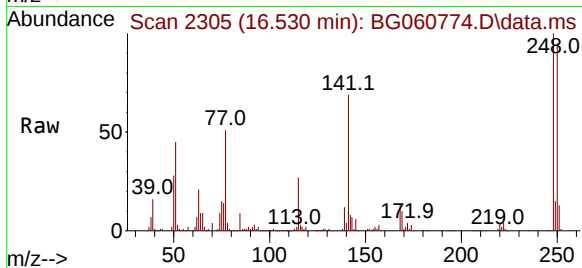
PB159958BS

Tgt Ion:248 Resp: 26651
Ion Ratio Lower Upper
248 100
250 94.7 78.3 117.5
141 69.2 53.7 80.5

Manual Integrations

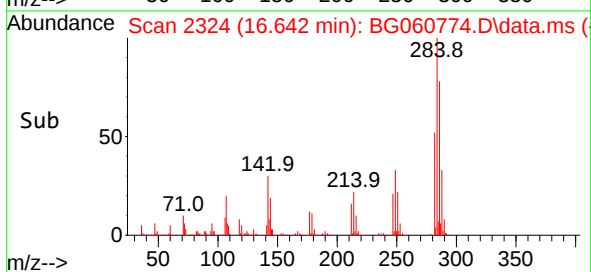
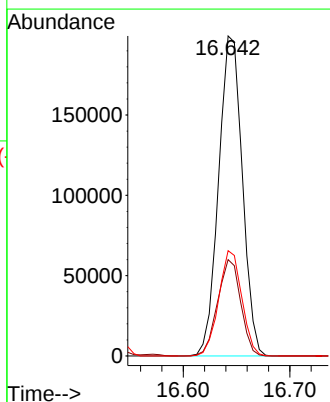
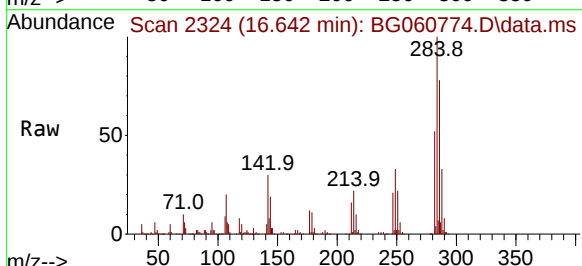
APPROVED

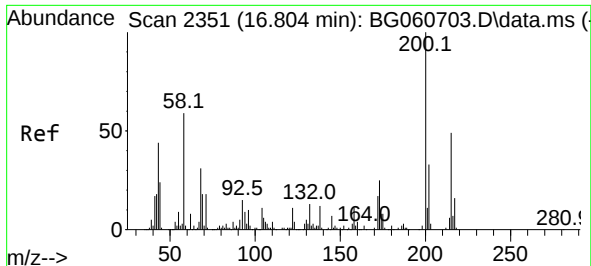
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#68
Hexachlorobenzene
Concen: 48.907 ng
RT: 16.642 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

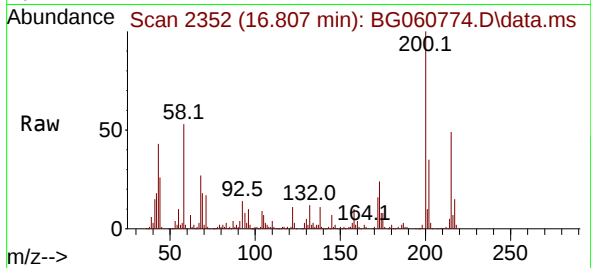
Tgt Ion:284 Resp: 307645
Ion Ratio Lower Upper
284 100
142 30.1 22.9 34.3
249 32.9 27.1 40.7





#69
 Atrazine
 Concen: 39.684 ng
 RT: 16.807 min Scan# 217738
 Delta R.T. 0.003 min
 Lab File: BG060774.D
 Acq: 4 Apr 2024 11:54

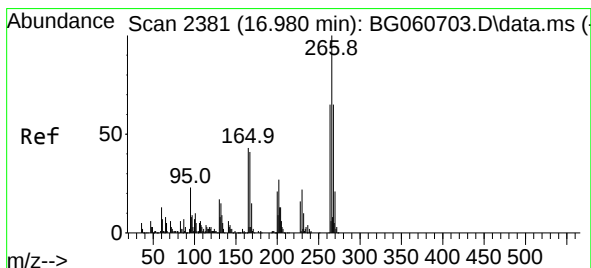
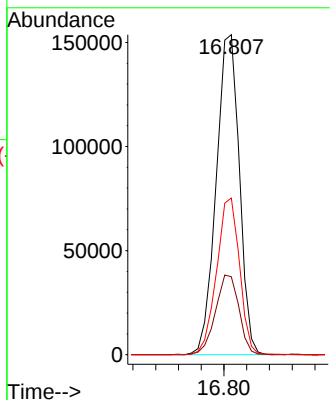
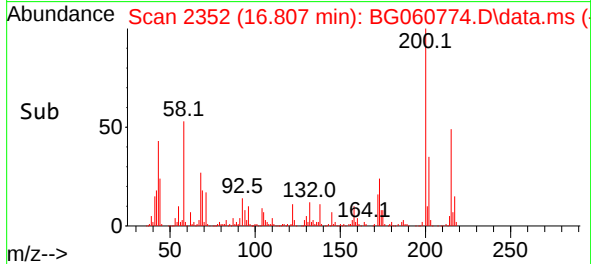
Instrument :
 BNA_G
 ClientSampleId :
 PB159958BS



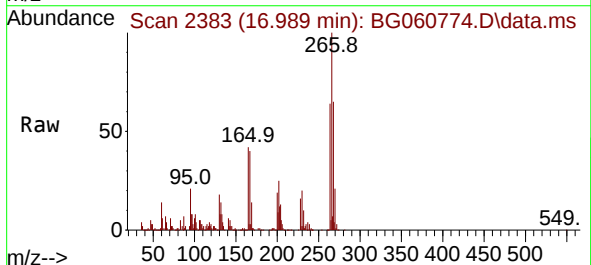
Tgt Ion:200 Resp: 217738
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.2 45.2
 215 48.9 28.8 68.8

Manual Integrations
 APPROVED

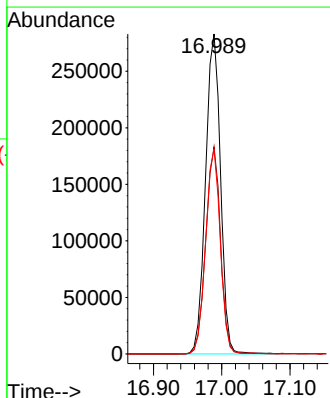
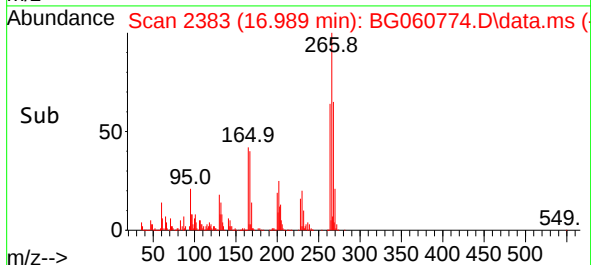
Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024

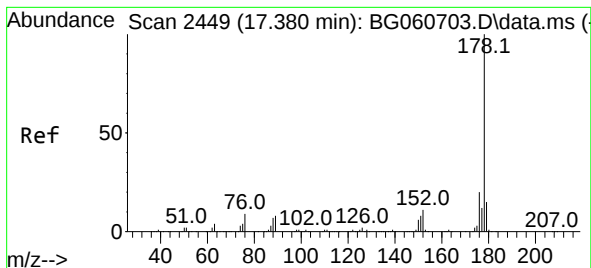


#70
 Pentachlorophenol
 Concen: 105.465 ng
 RT: 16.989 min Scan# 2383
 Delta R.T. 0.008 min
 Lab File: BG060774.D
 Acq: 4 Apr 2024 11:54



Tgt Ion:266 Resp: 432882
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.2 78.4
 264 64.1 51.8 77.6





#71

Phenanthrene

Concen: 45.617 ng

RT: 17.382 min Scan# 2449

Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:178 Resp: 130263

Ion Ratio Lower Upper

178 100

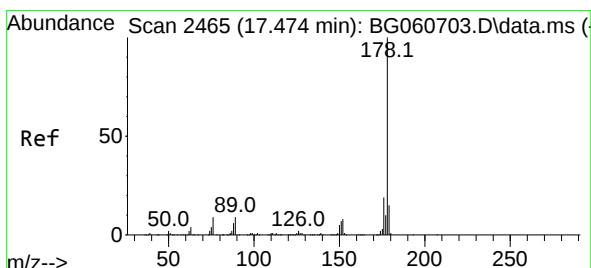
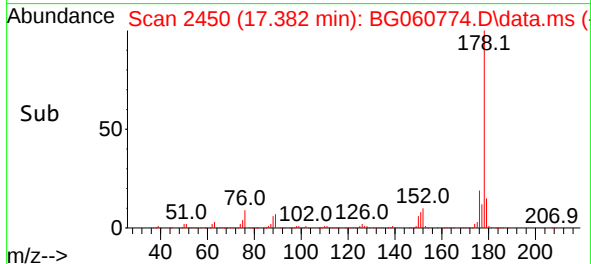
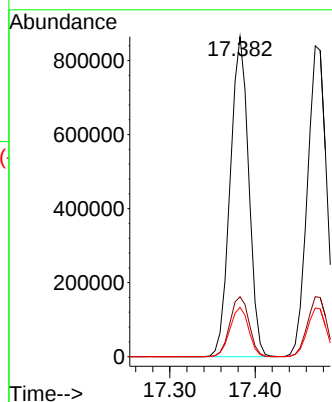
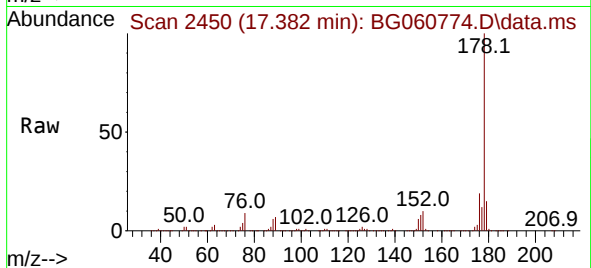
176 18.8 15.8 23.6

179 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#72

Anthracene

Concen: 44.875 ng

RT: 17.470 min Scan# 2465

Delta R.T. -0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

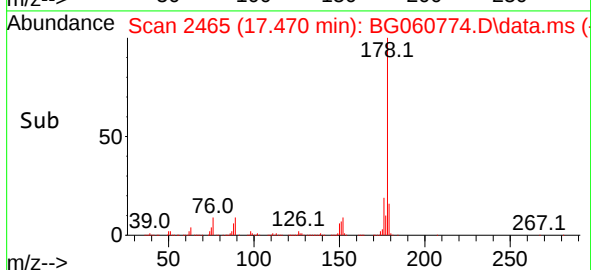
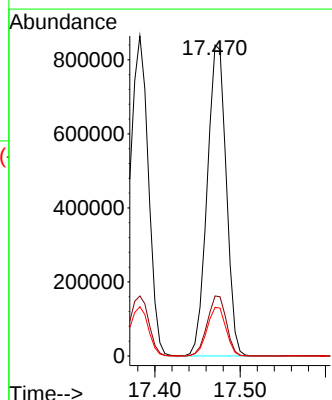
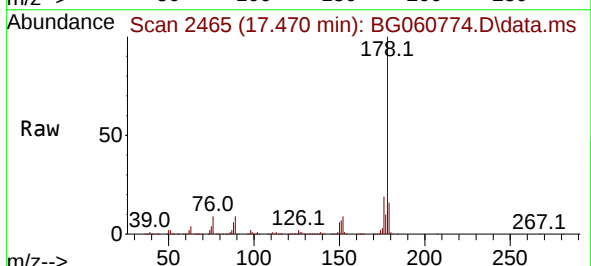
Tgt Ion:178 Resp: 1301370

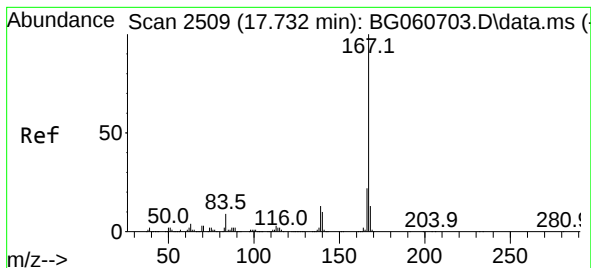
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.7 12.2 18.2





#73

Carbazole

Concen: 46.661 ng

RT: 17.741 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG060774.D

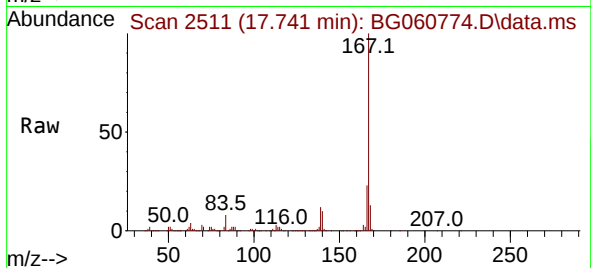
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS



Tgt Ion:167 Resp: 119308

Ion Ratio Lower Upper

167 100

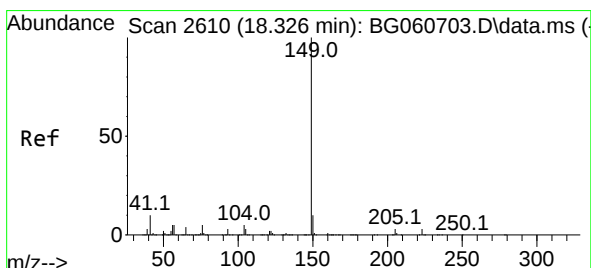
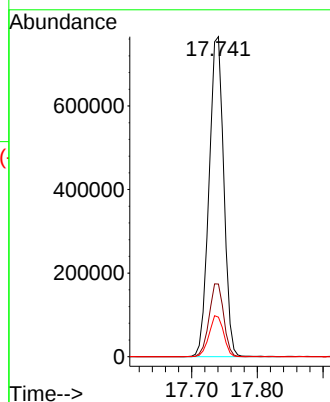
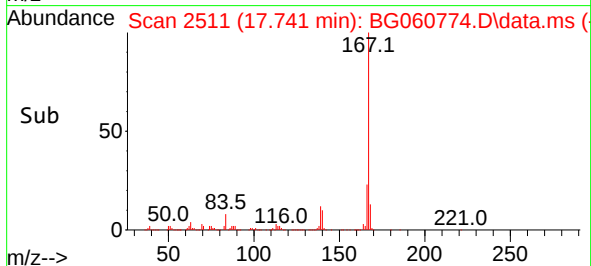
166 22.7 18.0 27.0

139 12.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#74

Di-n-butylphthalate

Concen: 45.422 ng

RT: 18.317 min Scan# 2609

Delta R.T. -0.009 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

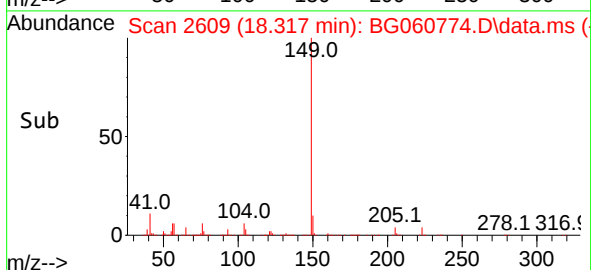
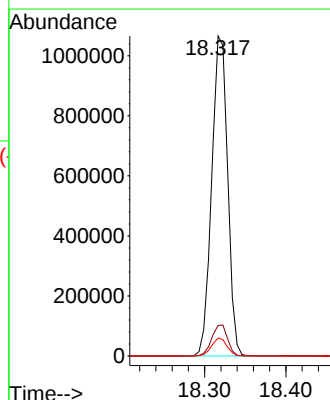
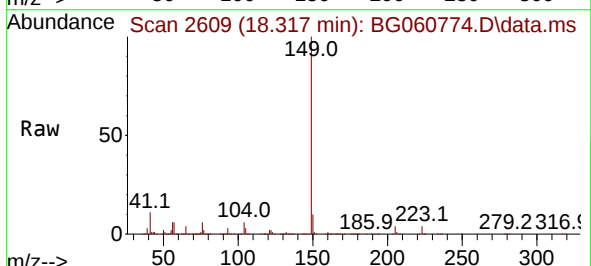
Tgt Ion:149 Resp: 1447922

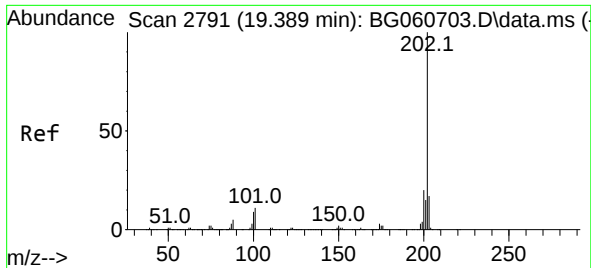
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.6 4.2 6.4





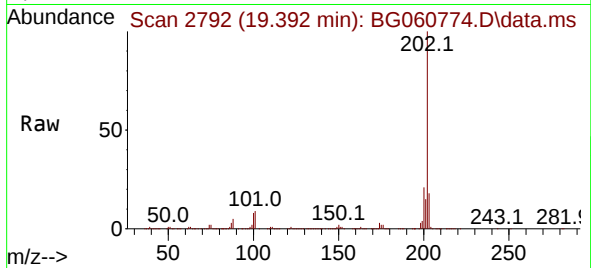
#75
Fluoranthene
Concen: 45.961 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

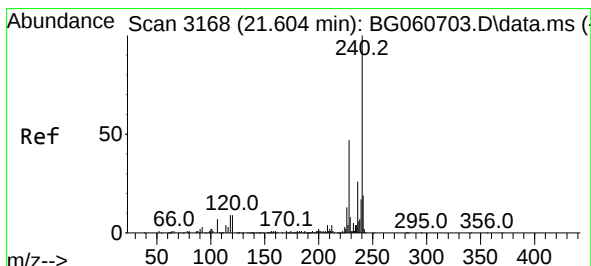
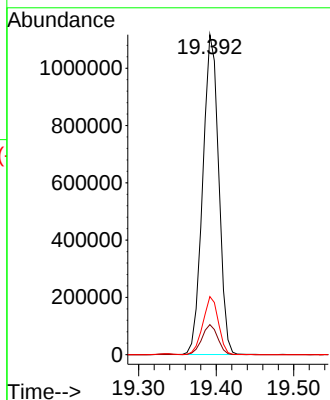
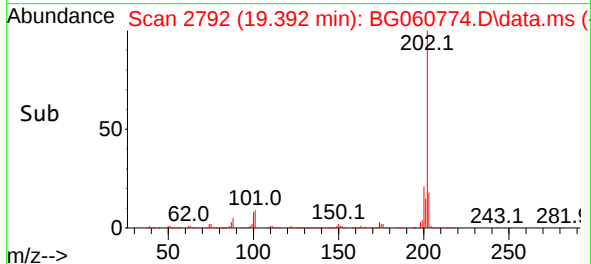


Tgt Ion:202 Resp: 1592590
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.8
203 18.1 0.0 37.4

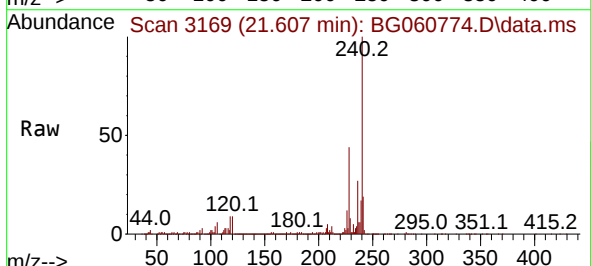
Manual Integrations

APPROVED

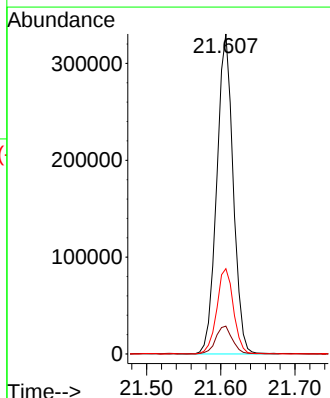
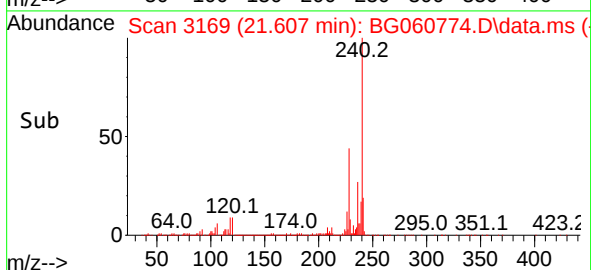
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

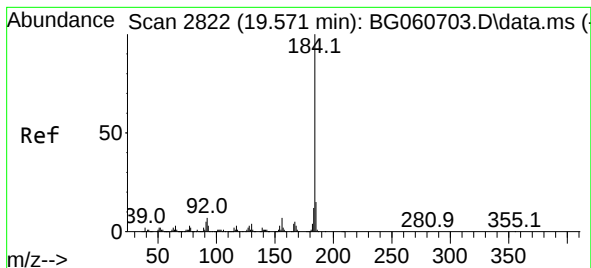


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3169
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54



Tgt Ion:240 Resp: 508116
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.7 20.7 31.1





#77

Benzidine

Concen: 24.754 ng

RT: 19.574 min Scan# 2822

Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

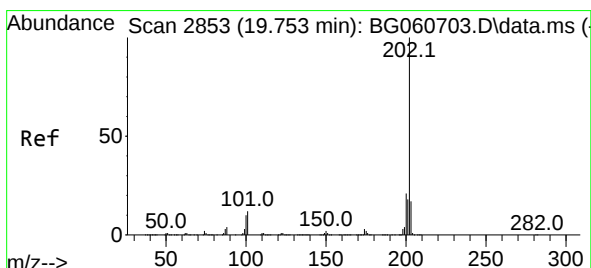
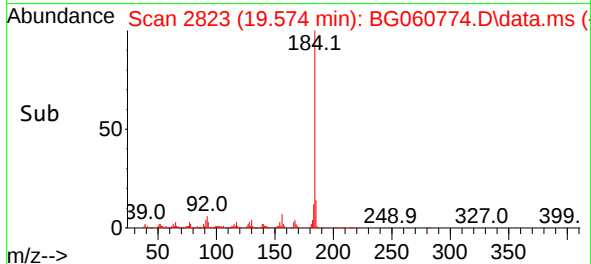
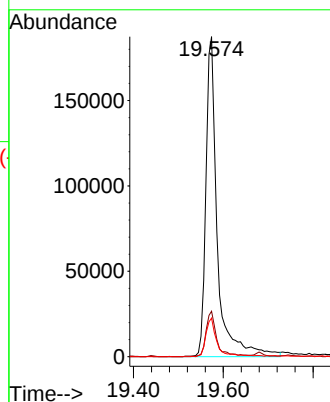
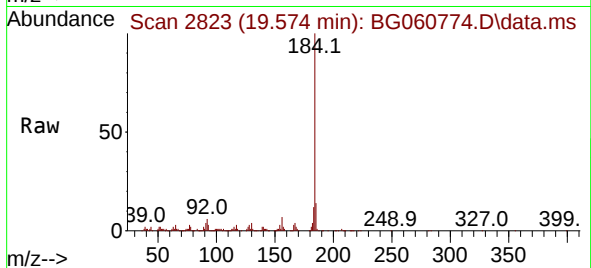
PB159958BS

Tgt Ion:184 Resp: 331208
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.8 17.6
 183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024



#78

Pyrene

Concen: 46.078 ng

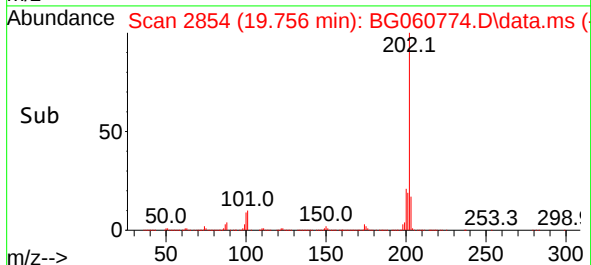
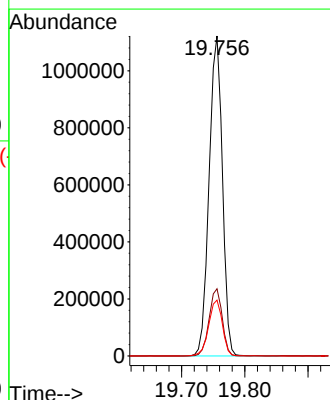
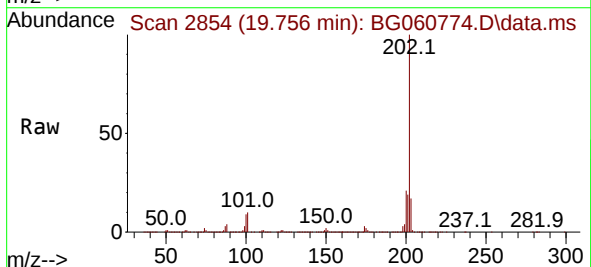
RT: 19.756 min Scan# 2854

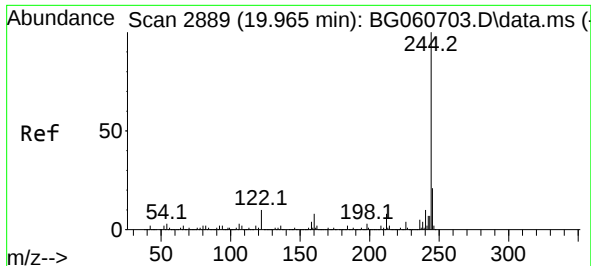
Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Tgt Ion:202 Resp: 1637462
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 17.5 14.0 21.0





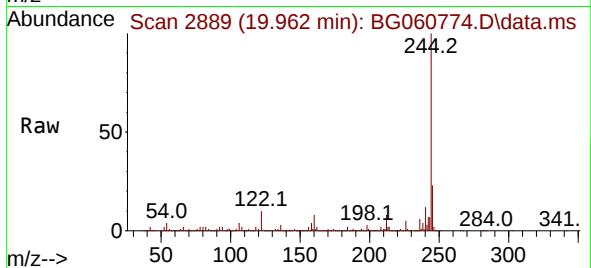
#79
 Terphenyl-d14
 Concen: 84.114 ng
 RT: 19.962 min Scan# 2889
 Delta R.T. -0.003 min
 Lab File: BG060774.D
 Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

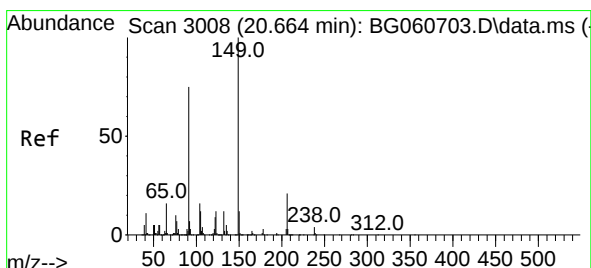
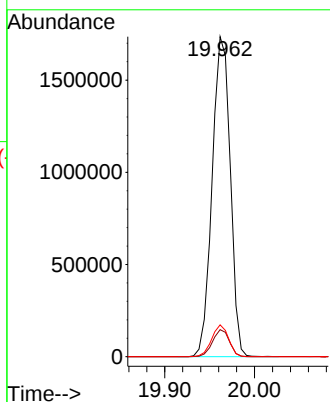
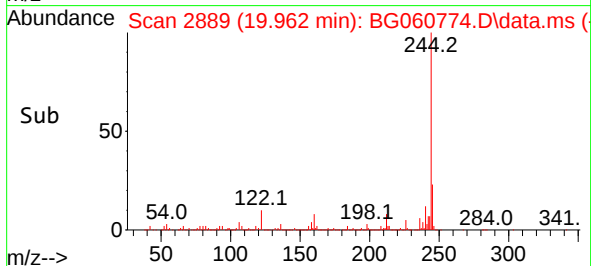


Tgt Ion:244 Resp: 2427230
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 9.9 7.8 11.8

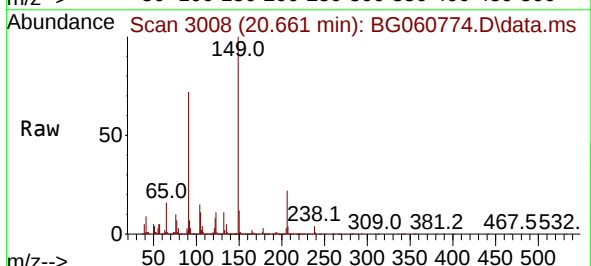
Manual Integrations

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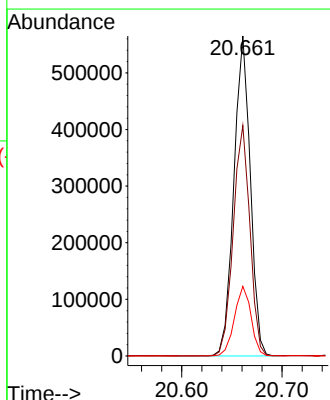
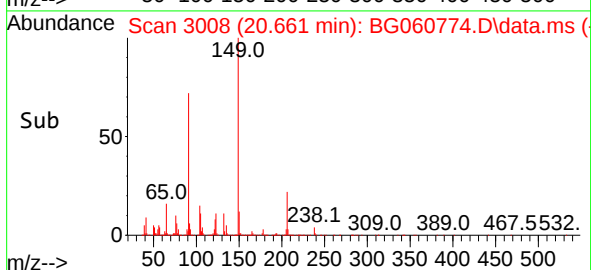
Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024

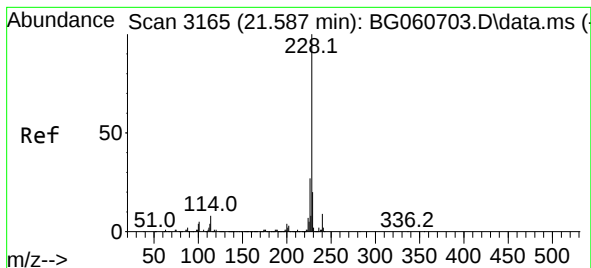


#80
 Butylbenzylphthalate
 Concen: 49.600 ng
 RT: 20.661 min Scan# 3008
 Delta R.T. -0.003 min
 Lab File: BG060774.D
 Acq: 4 Apr 2024 11:54



Tgt Ion:149 Resp: 642981
 Ion Ratio Lower Upper
 149 100
 91 72.0 60.1 90.1
 206 21.8 16.8 25.2





#81

Benzo(a)anthracene

Concen: 46.117 ng

RT: 21.583 min Scan# 3165

Delta R.T. -0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:228 Resp: 165175

Ion Ratio Lower Upper

228 100

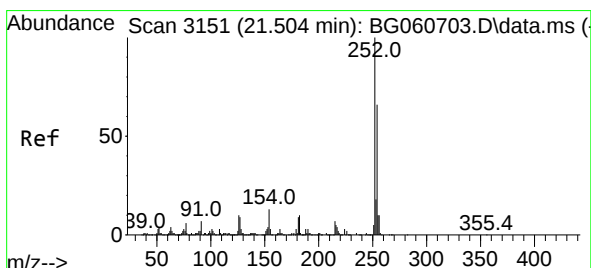
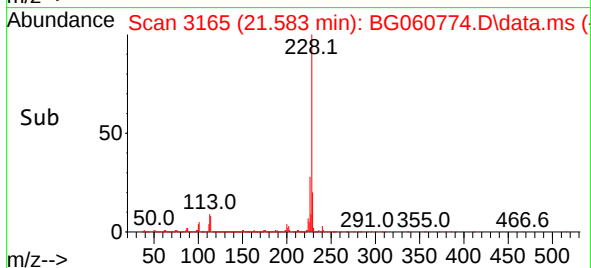
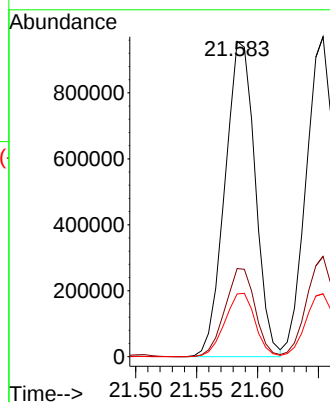
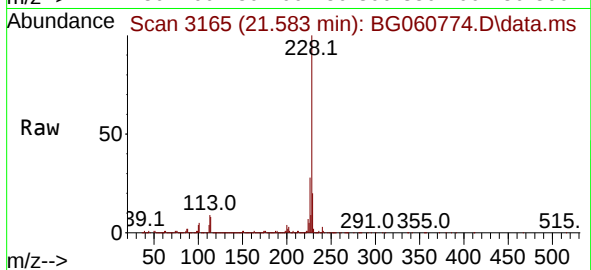
226 27.9 21.7 32.5

229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.140 ng

RT: 21.501 min Scan# 3151

Delta R.T. -0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

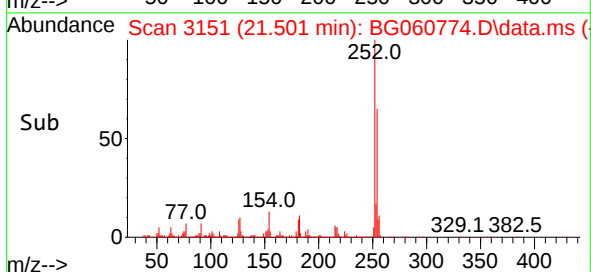
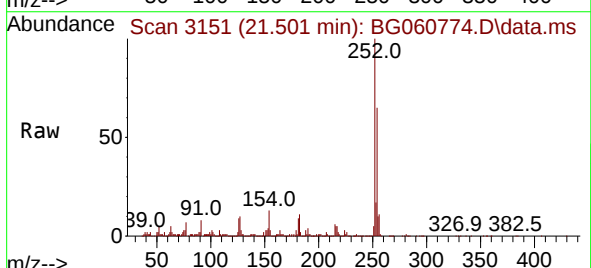
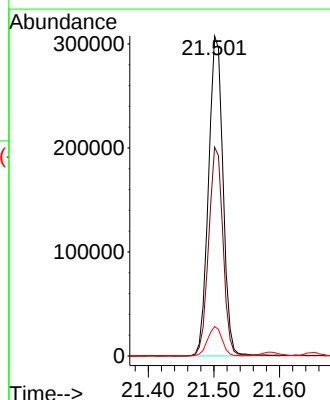
Tgt Ion:252 Resp: 473342

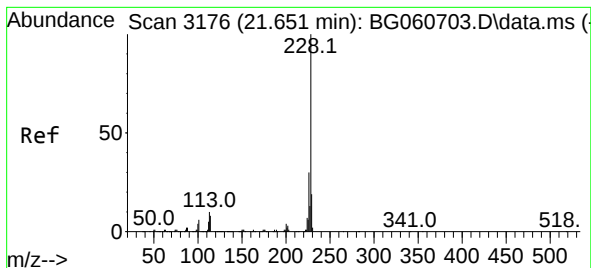
Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

126 9.2 7.8 11.8





#83

Chrysene

Concen: 45.494 ng

RT: 21.654 min Scan# 3176

Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:228 Resp: 1570549

Ion Ratio Lower Upper

228 100

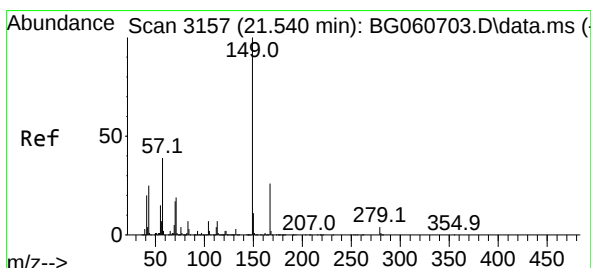
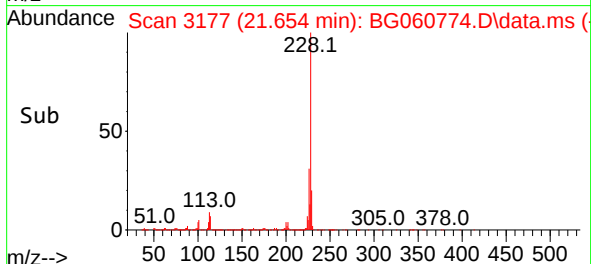
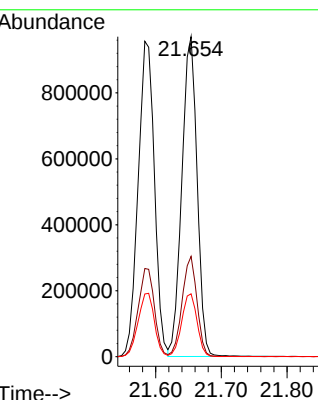
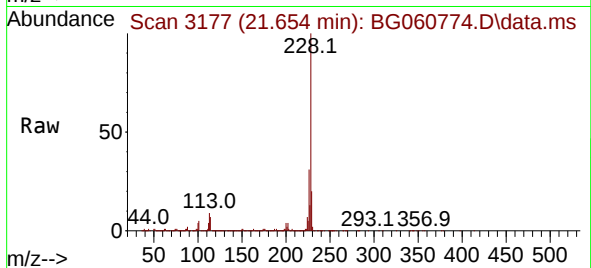
226 31.4 24.2 36.4

229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.187 ng

RT: 21.530 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

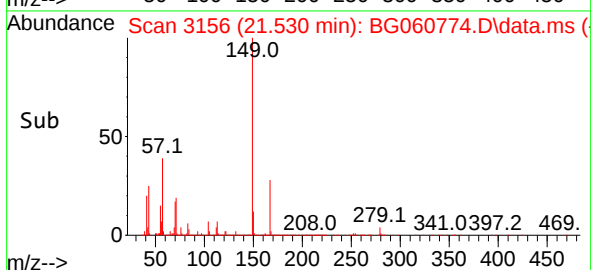
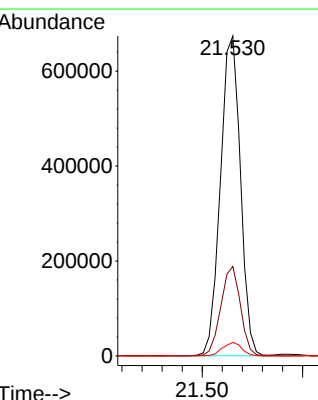
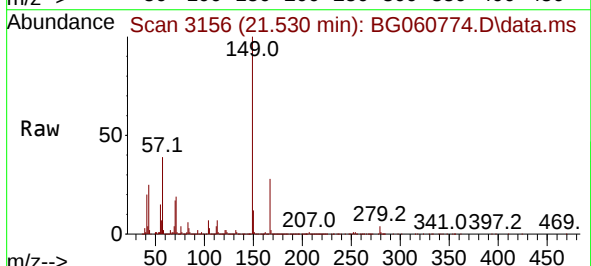
Tgt Ion:149 Resp: 933636

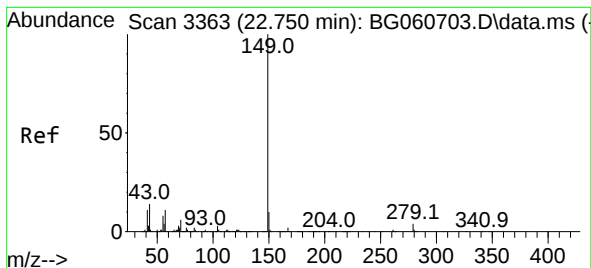
Ion Ratio Lower Upper

149 100

167 28.0 20.6 30.8

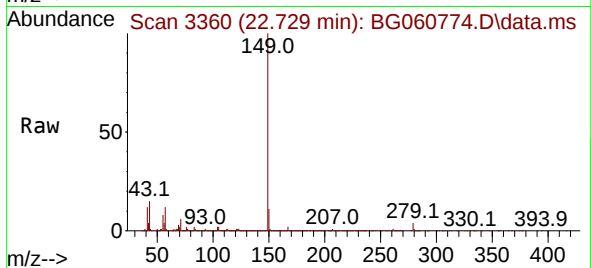
279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.233 ng
RT: 22.729 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

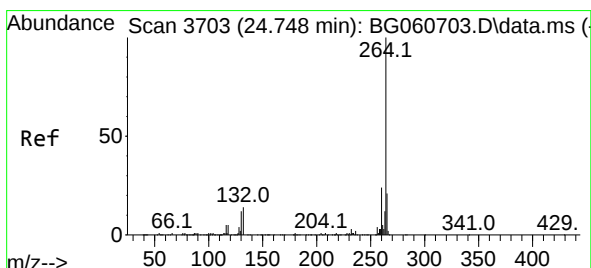
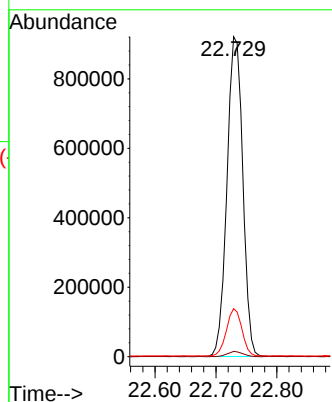
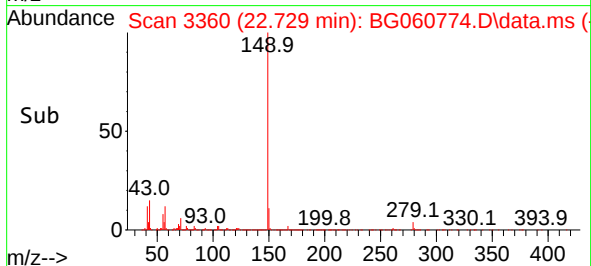
Instrument :
BNA_G
ClientSampleId :
PB159958BS



Tgt Ion:149 Resp: 165717
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.4 11.3 16.9

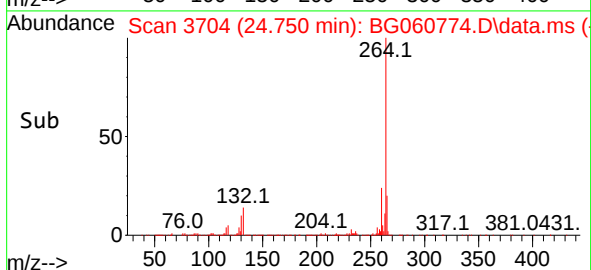
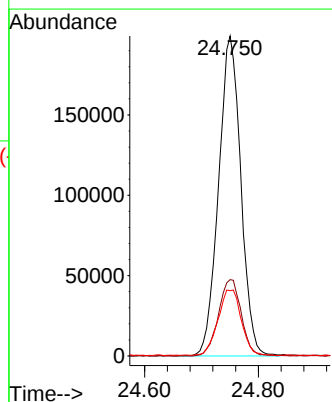
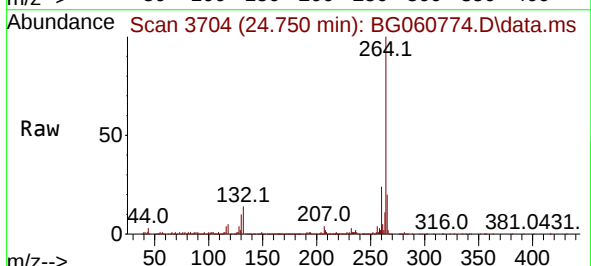
Manual Integrations
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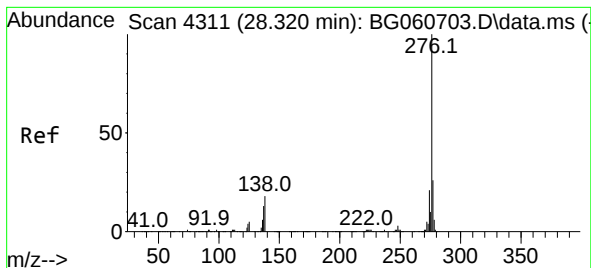
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.750 min Scan# 3704
Delta R.T. 0.003 min
Lab File: BG060774.D
Acq: 4 Apr 2024 11:54

Tgt Ion:264 Resp: 540972
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 20.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.623 ng

RT: 28.334 min Scan# 4311

Delta R.T. 0.014 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:276 Resp: 1966600

Ion Ratio Lower Upper

276 100

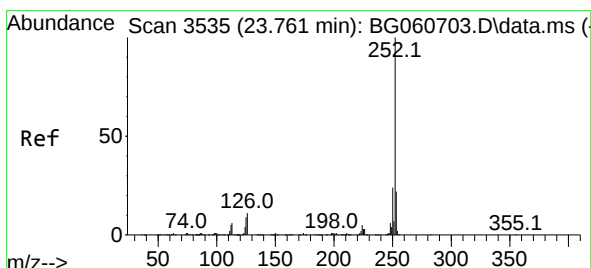
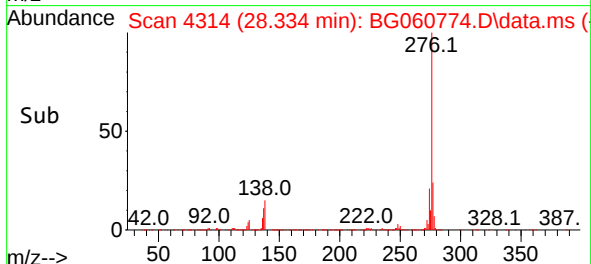
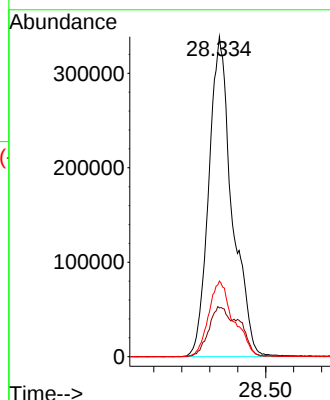
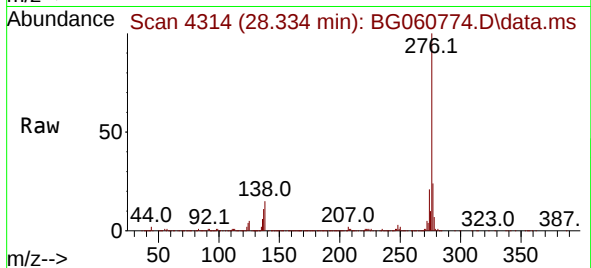
138 13.3 12.4 18.6

277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#88

Benzo(b)fluoranthene

Concen: 52.443 ng

RT: 23.763 min Scan# 3536

Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

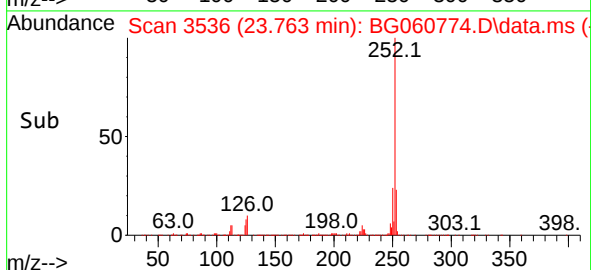
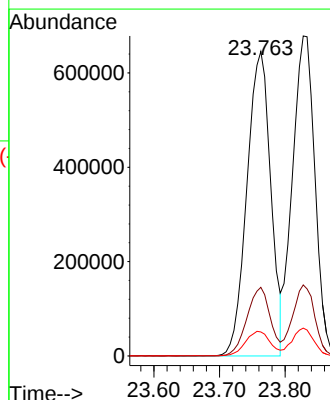
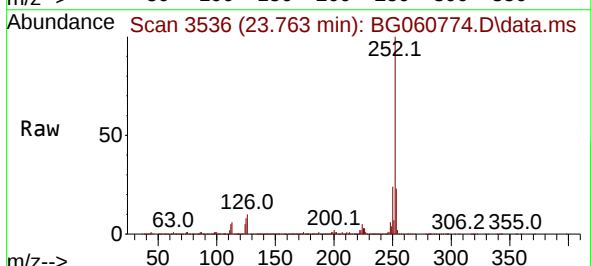
Tgt Ion:252 Resp: 1629855

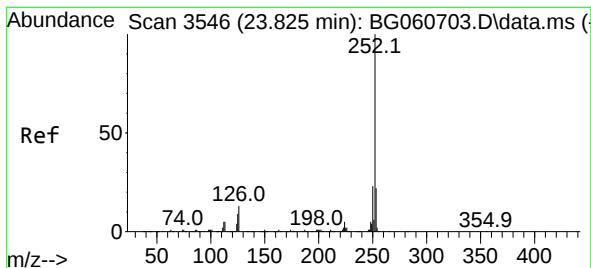
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 7.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.703 ng

RT: 23.828 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:252 Resp: 161288

Ion Ratio Lower Upper

252 100

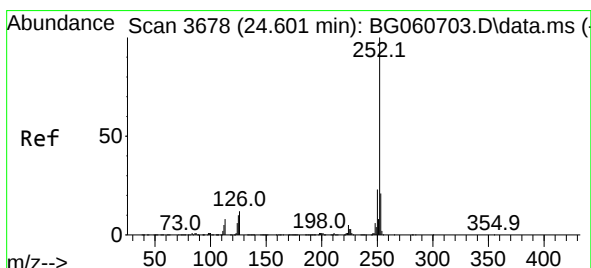
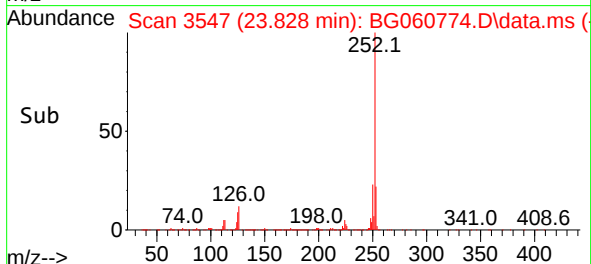
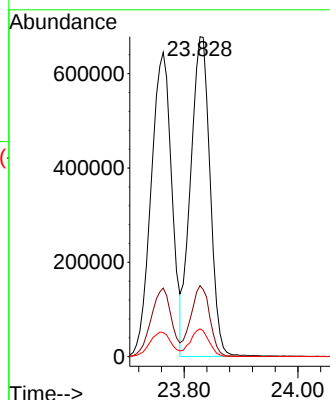
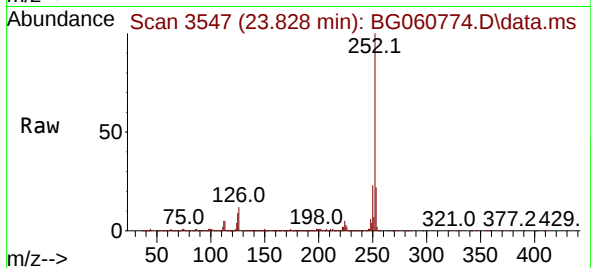
253 22.2 17.6 26.4

125 8.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#90

Benzo(a)pyrene

Concen: 49.310 ng

RT: 24.609 min Scan# 3680

Delta R.T. 0.008 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

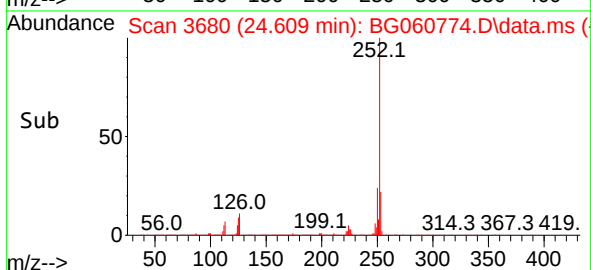
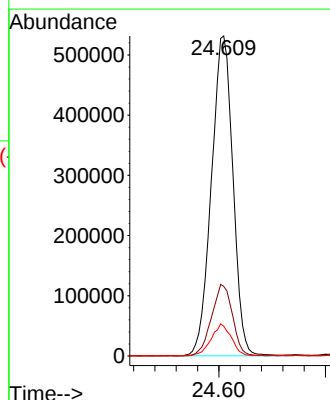
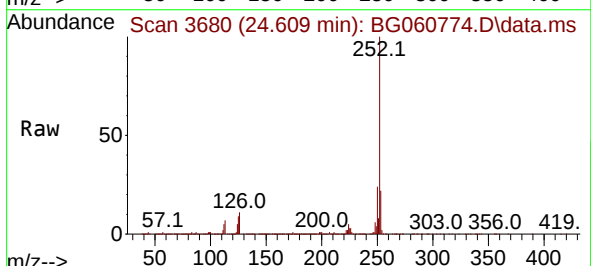
Tgt Ion:252 Resp: 1489298

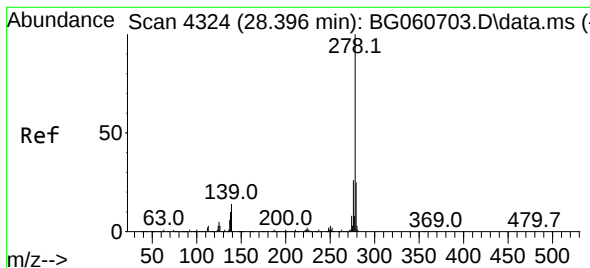
Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 9.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 51.741 ng

RT: 28.411 min Scan# 41

Delta R.T. 0.014 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Instrument :

BNA_G

ClientSampleId :

PB159958BS

Tgt Ion:278 Resp: 1661590

Ion Ratio Lower Upper

278 100

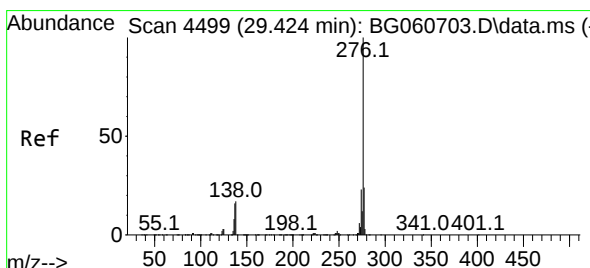
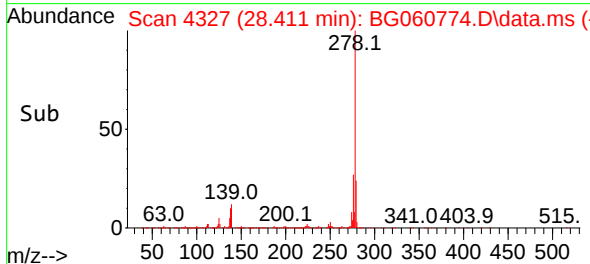
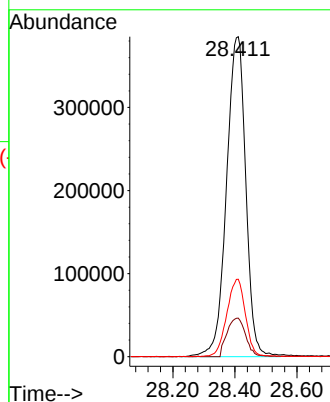
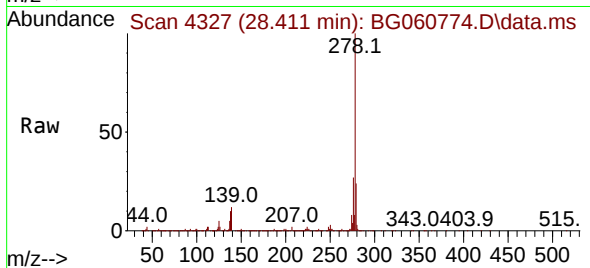
139 12.1 11.1 16.7

279 24.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024



#92

Benzo(g,h,i)perylene

Concen: 50.069 ng

RT: 29.451 min Scan# 4504

Delta R.T. 0.026 min

Lab File: BG060774.D

Acq: 4 Apr 2024 11:54

Tgt Ion:276 Resp: 1564089

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 17.0 14.0 21.0

