

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060707.D
 Acq On : 29 Mar 2024 17:32
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 03:14:17 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	7.964	152	58379	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	258905	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	185550	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	437819	20.000	ng	0.00
76) Chrysene-d12	21.601	240	397699	20.000	ng	0.00
86) Perylene-d12	24.744	264	466575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	271317	77.422	ng	0.00
7) Phenol-d6	7.118	99	409394	78.702	ng	0.00
23) Nitrobenzene-d5	9.116	82	388949	85.723	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	186597	88.590	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1007552	79.694	ng	0.00
79) Terphenyl-d14	19.962	244	1785949	79.074	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	54248	37.757	ng	96
3) Pyridine	3.851	79	174767	40.326	ng	95
4) n-Nitrosodimethylamine	3.769	42	103405	39.916	ng	98
6) Aniline	7.283	93	253906	38.653	ng	99
8) 2-Chlorophenol	7.523	128	154246	38.824	ng	96
9) Benzaldehyde	7.100	77	108118	37.692	ng	99
10) Phenol	7.142	94	207296	39.048	ng	98
11) bis(2-Chloroethyl)ether	7.382	93	162456	37.903	ng	99
12) 1,3-Dichlorobenzene	7.852	146	155858	37.724	ng	99
13) 1,4-Dichlorobenzene	7.999	146	161035	38.205	ng	98
14) 1,2-Dichlorobenzene	8.311	146	157313	38.084	ng	94
15) Benzyl Alcohol	8.193	79	165949	39.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.499	45	367198m	37.962	ng	
17) 2-Methylphenol	8.393	107	155076	38.695	ng	98
18) Hexachloroethane	9.045	117	58357	38.982	ng	95
19) n-Nitroso-di-n-propyla...	8.769	70	153643	38.731	ng	97
20) 3+4-Methylphenols	8.722	107	212622	38.743	ng	94
22) Acetophenone	8.781	105	279321	39.126	ng	# 98
24) Nitrobenzene	9.157	77	201170	40.303	ng	97
25) Isophorone	9.686	82	412122	39.435	ng	99
26) 2-Nitrophenol	9.868	139	75992	43.835	ng	95
27) 2,4-Dimethylphenol	9.926	122	164850	39.269	ng	99
28) bis(2-Chloroethoxy)met...	10.167	93	238945	38.728	ng	99
29) 2,4-Dichlorophenol	10.397	162	157862	40.950	ng	99
30) 1,2,4-Trichlorobenzene	10.620	180	170949	39.162	ng	97
31) Naphthalene	10.808	128	545076	38.919	ng	100
32) Benzoic acid	10.044	122	112047	41.239	ng	96
33) 4-Chloroaniline	10.908	127	251112	38.603	ng	99
34) Hexachlorobutadiene	11.107	225	112624	38.713	ng	96
35) Caprolactam	11.666	113	59572	39.017	ng	94
36) 4-Chloro-3-methylphenol	12.030	107	194106	39.416	ng	98
37) 2-Methylnaphthalene	12.418	142	391927	38.064	ng	98
38) 1-Methylnaphthalene	12.635	142	373481	38.396	ng	96
40) 1,2,4,5-Tetrachloroben...	12.782	216	216693	40.622	ng	99
41) Hexachlorocyclopentadiene	12.770	237	114190	42.099	ng	95
43) 2,4,6-Trichlorophenol	13.017	196	146156	42.551	ng	97

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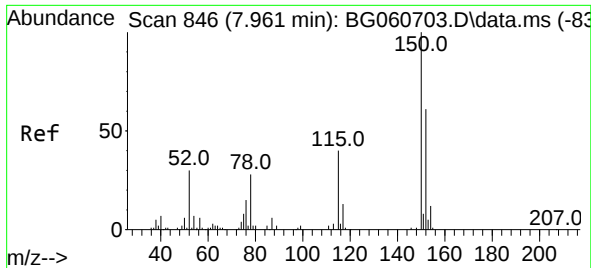
Quant Time: Mar 30 03:14:17 2024
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 QLast Update : Sat Mar 30 03:12:26 2024
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Reviewed By :Yogesh Patel 04/02/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	178385	43.518	ng	97
46) 1,1'-Biphenyl	13.428	154	513346	39.169	ng	97
47) 2-Chloronaphthalene	13.464	162	389878	39.154	ng	99
48) 2-Nitroaniline	13.657	65	137681	43.411	ng	98
49) Acenaphthylene	14.310	152	670894	40.098	ng	98
50) Dimethylphthalate	14.051	163	589262	40.179	ng	99
51) 2,6-Dinitrotoluene	14.157	165	111269	42.783	ng	95
52) Acenaphthene	14.656	154	420006	39.982	ng	98
53) 3-Nitroaniline	14.480	138	124342	43.452	ng	92
54) 2,4-Dinitrophenol	14.686	184	47393	46.425	ng	93
55) Dibenzofuran	14.991	168	663703	40.055	ng	99
56) 4-Nitrophenol	14.780	139	98966	46.159	ng	94
57) 2,4-Dinitrotoluene	14.944	165	150064	44.384	ng	98
58) Fluorene	15.637	166	522566	39.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	150815	42.218	ng	98
60) Diethylphthalate	15.426	149	594391	40.284	ng	99
61) 4-Chlorophenyl-phenyle...	15.637	204	277603	39.457	ng	96
62) 4-Nitroaniline	15.649	138	124655	46.488	ng	97
63) Azobenzene	15.931	77	566824	39.423	ng	99
65) 4,6-Dinitro-2-methylph...	15.708	198	73079	41.553	ng	98
66) n-Nitrosodiphenylamine	15.849	169	492998	39.404	ng	97
67) 4-Bromophenyl-phenylether	16.531	248	181008	40.737	ng	97
68) Hexachlorobenzene	16.642	284	201822	40.236	ng	97
69) Atrazine	16.801	200	177424	40.553	ng	97
70) Pentachlorophenol	16.977	266	143714	43.911	ng	95
71) Phenanthrene	17.382	178	894000	39.262	ng	99
72) Anthracene	17.471	178	920841	39.821	ng	99
73) Carbazole	17.735	167	797321	39.106	ng	99
74) Di-n-butylphthalate	18.323	149	1001597	39.404	ng	100
75) Fluoranthene	19.392	202	1070958	38.760	ng	99
77) Benzidine	19.568	184	465536	44.454	ng	99
78) Pyrene	19.750	202	1109097	39.875	ng	99
80) Butylbenzylphthalate	20.667	149	429137	42.295	ng	95
81) Benzo(a)anthracene	21.583	228	1115603	39.795	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	393586	41.581	ng	98
83) Chrysene	21.648	228	1070614	39.623	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	666064	41.187	ng	99
85) Di-n-octyl phthalate	22.747	149	1100461	41.770	ng	99
87) Indeno(1,2,3-cd)pyrene	28.311	276	1299775	39.559	ng	94
88) Benzo(b)fluoranthene	23.751	252	1046297	39.034	ng	99
89) Benzo(k)fluoranthene	23.822	252	1088126	39.661	ng	100
90) Benzo(a)pyrene	24.603	252	1027571	39.448	ng	99
91) Dibenzo(a,h)anthracene	28.387	278	1096051	39.573	ng	100
92) Benzo(g,h,i)perylene	29.421	276	1060728	39.370	ng	99

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



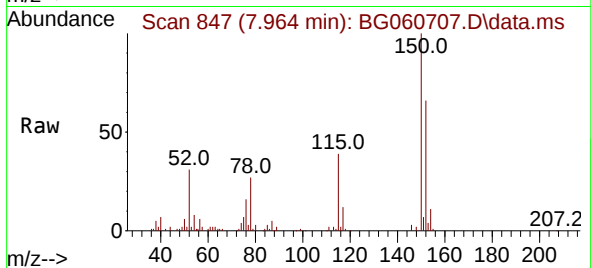
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

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ICVBG032924



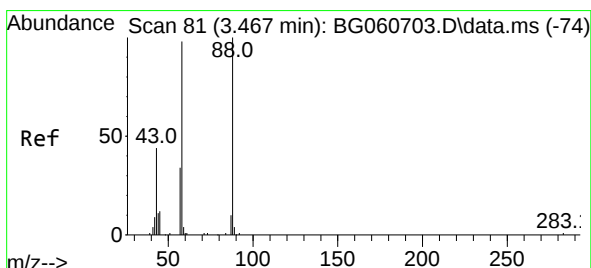
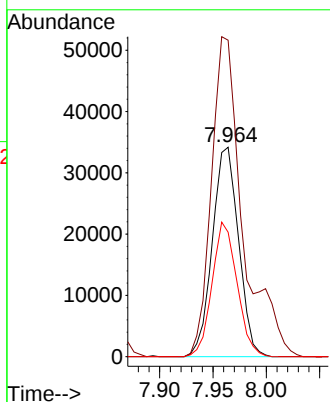
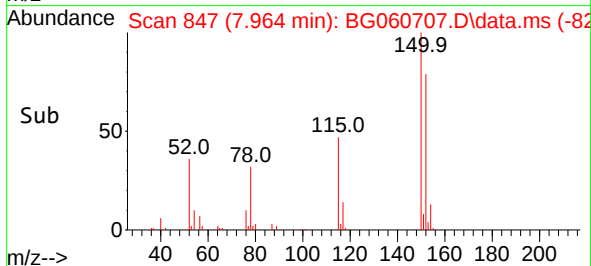
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Ion Ratio Lower Upper
152 100
150 151.1 130.2 195.4
115 59.4 51.6 77.4

Manual Integrations

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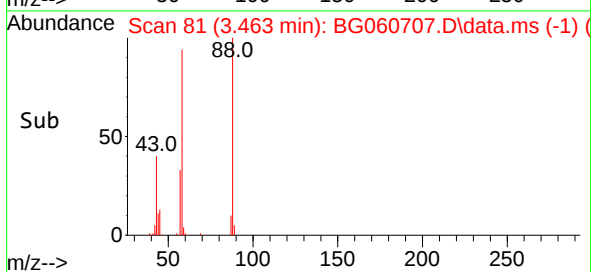
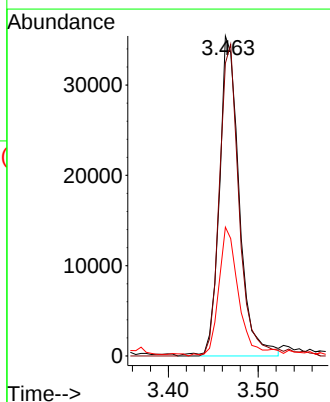
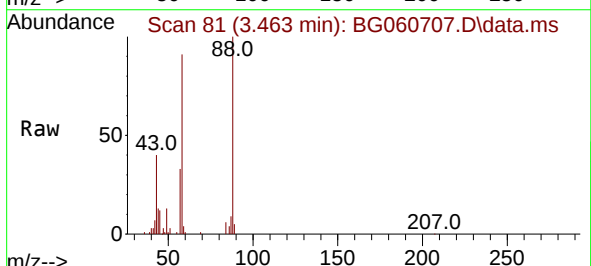
Reviewed By :Yogesh Patel 04/02/2024

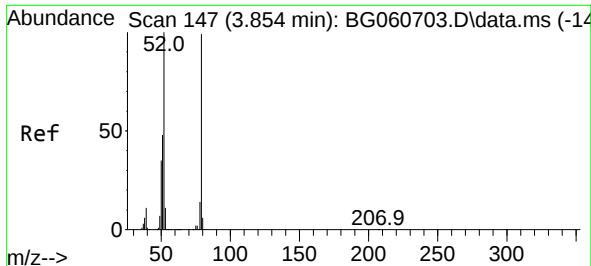
Supervised By :mohammad ahmed 04/02/2024



#2
1,4-Dioxane
Concen: 37.757 ng
RT: 3.463 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion: 88 Resp: 54248
Ion Ratio Lower Upper
88 100
58 98.1 80.9 121.3
43 40.9 35.4 53.0





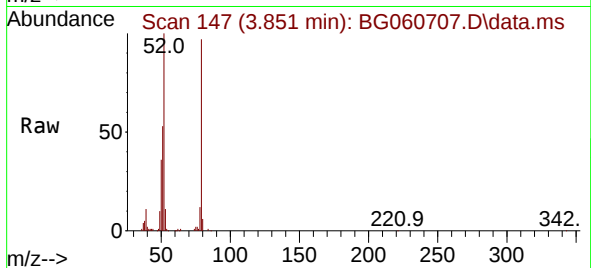
#3
Pyridine
Concen: 40.326 ng
RT: 3.851 min Scan# 147
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

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ICVBG032924



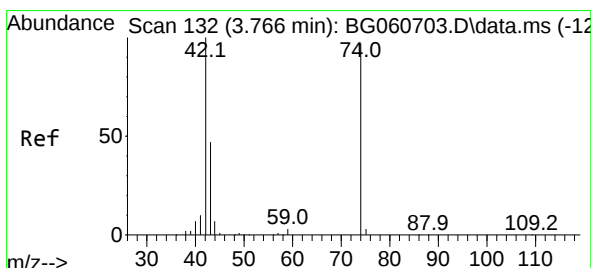
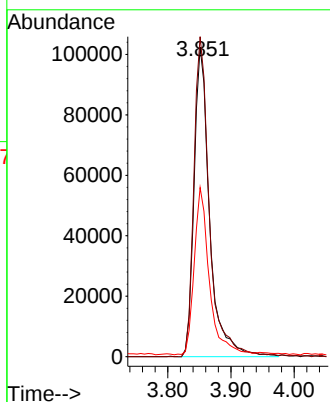
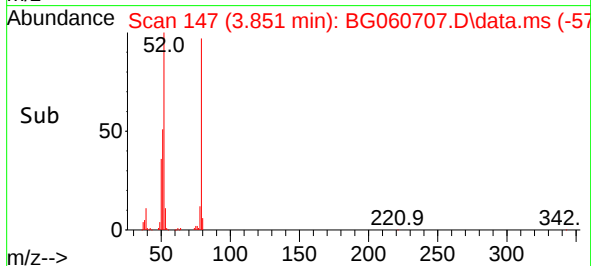
Tgt Ion: 79 Resp: 17476
Ion Ratio Lower Upper
79 100
52 103.4 80.6 120.8
51 54.6 39.1 58.7

Manual Integrations

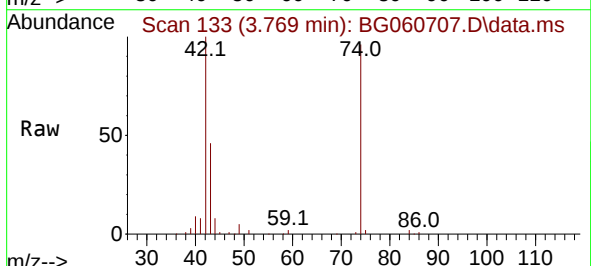
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

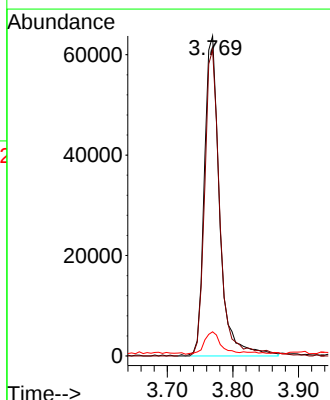
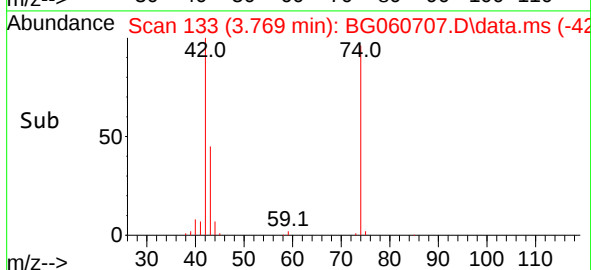
Supervised By :mohammad ahmed 04/02/2024

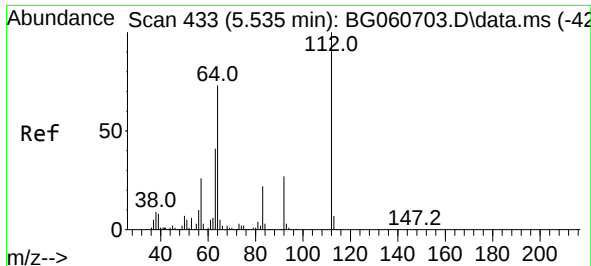


#4
n-Nitrosodimethylamine
Concen: 39.916 ng
RT: 3.769 min Scan# 133
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion: 42 Resp: 103405
Ion Ratio Lower Upper
42 100
74 95.7 77.8 116.8
44 7.5 6.8 10.2





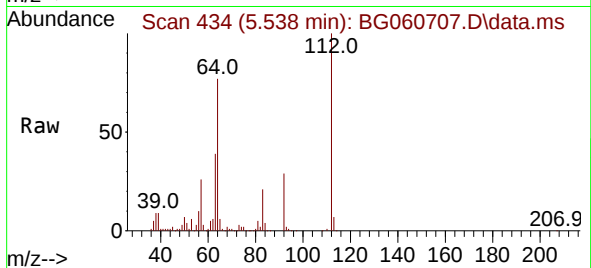
#5
2-Fluorophenol
Concen: 77.422 ng
RT: 5.538 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

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ClientSampleId :

ICVBG032924



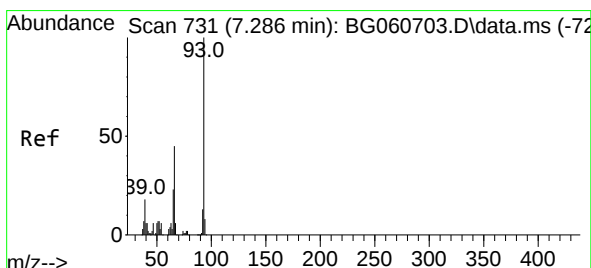
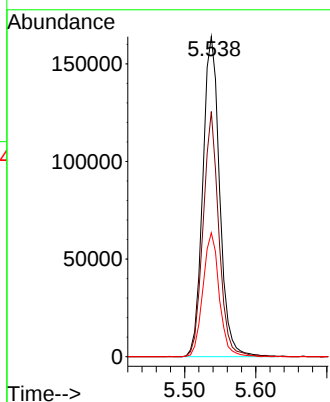
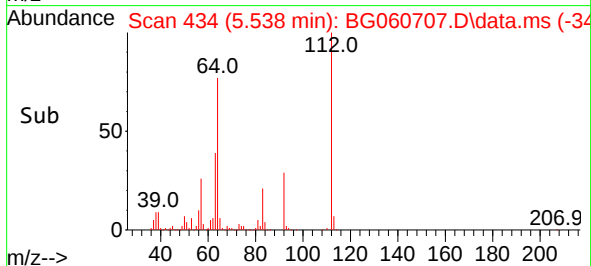
Tgt Ion: 112 Resp: 27131
Ion Ratio Lower Upper
112 100
64 76.6 58.4 87.6
63 38.7 32.7 49.1

Manual Integrations

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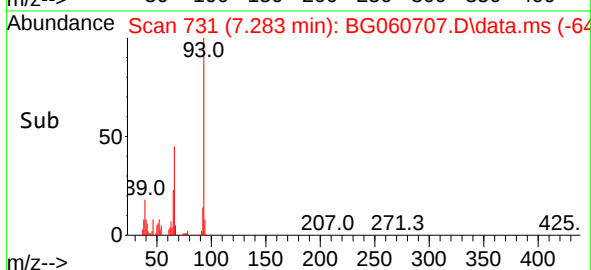
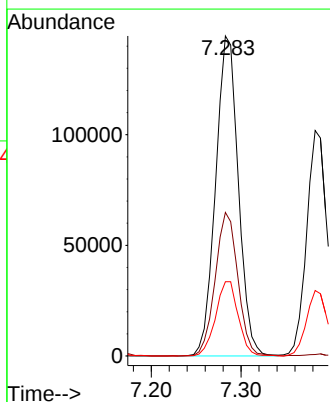
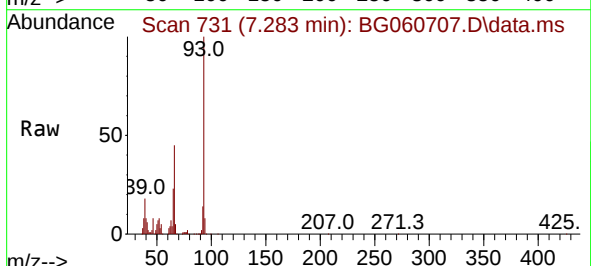
Reviewed By :Yogesh Patel 04/02/2024

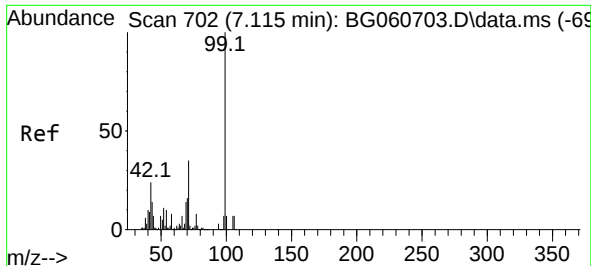
Supervised By :mohammad ahmed 04/02/2024



#6
Aniline
Concen: 38.653 ng
RT: 7.283 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

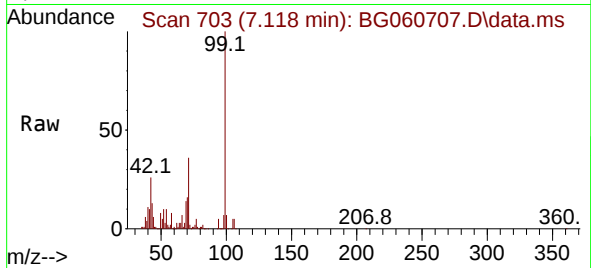
Tgt Ion: 93 Resp: 253906
Ion Ratio Lower Upper
93 100
66 44.9 36.1 54.1
65 23.2 18.1 27.1





#7
Phenol-d6
Concen: 78.702 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

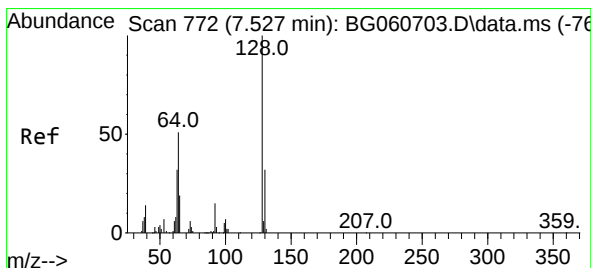
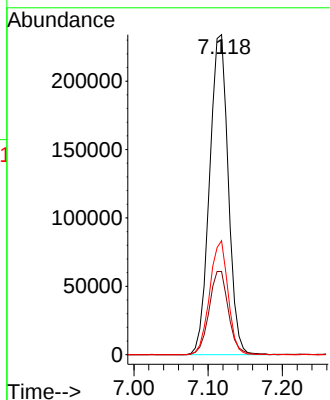
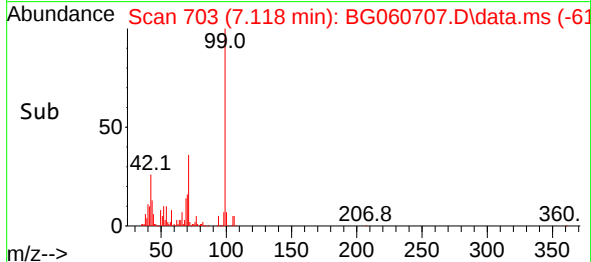
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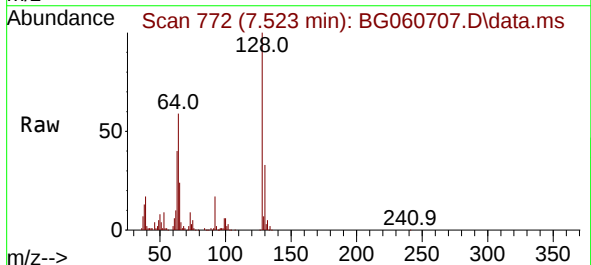
Tgt Ion: 99 Resp: 409394
Ion Ratio Lower Upper
99 100
42 26.0 19.4 29.2
71 35.6 28.2 42.2

Manual Integrations
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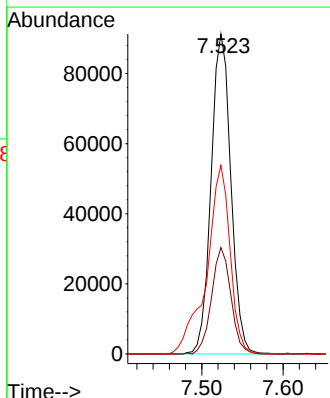
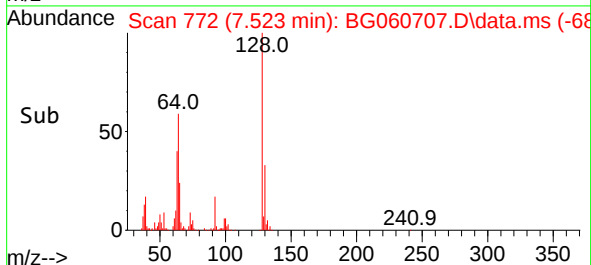
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#8
2-Chlorophenol
Concen: 38.824 ng
RT: 7.523 min Scan# 772
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



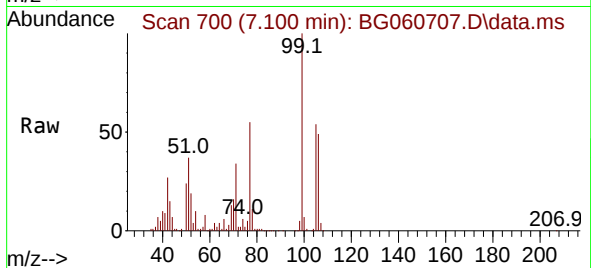
Tgt Ion:128 Resp: 154246
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 58.9 35.0 75.0





#9
Benzaldehyde
Concen: 37.692 ng
RT: 7.100 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

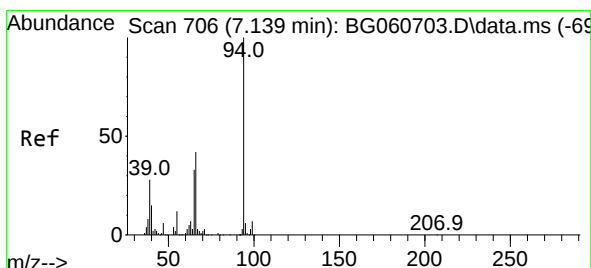
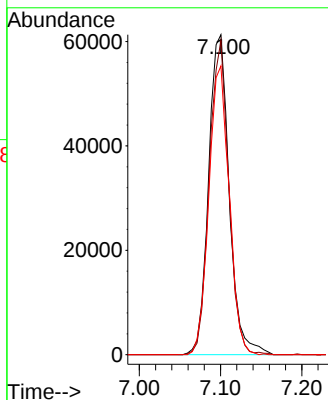
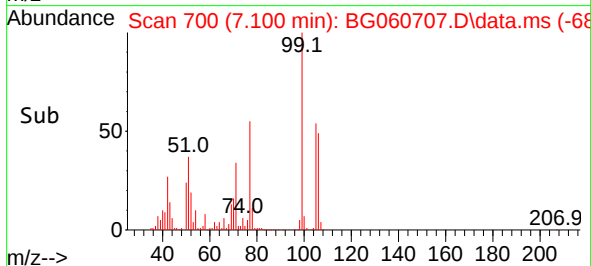
Instrument :
BNA_G
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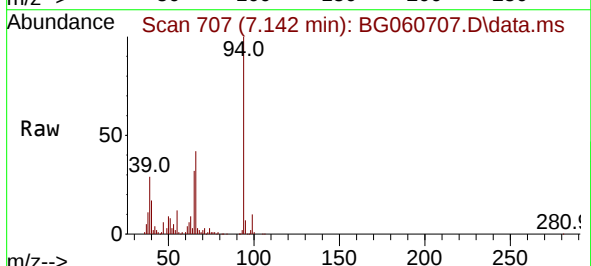
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Ion Ratio Lower Upper
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105 98.2 76.0 116.0
106 90.2 70.3 110.3

Manual Integrations
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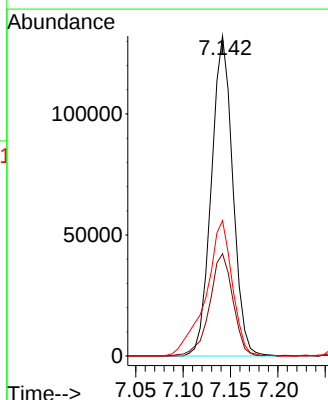
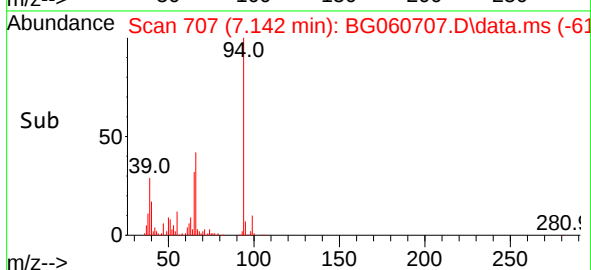
Reviewed By :Yogesh Patel 04/02/2024
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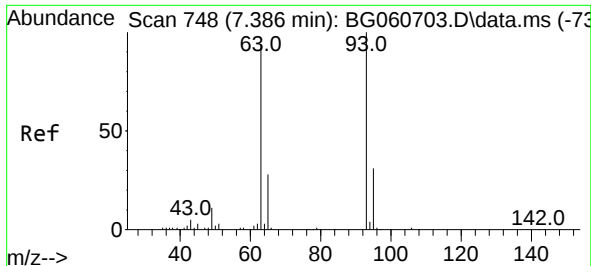


#10
Phenol
Concen: 39.048 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion: 94 Resp: 207296
Ion Ratio Lower Upper
94 100
65 32.0 13.3 53.3
66 42.3 22.9 62.9





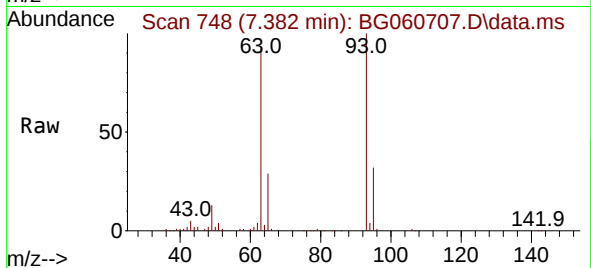
#11
bis(2-Chloroethyl)ether
Concen: 37.903 ng
RT: 7.382 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



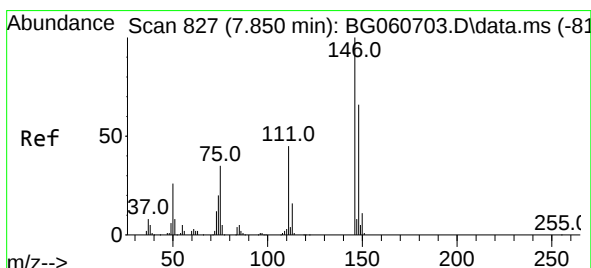
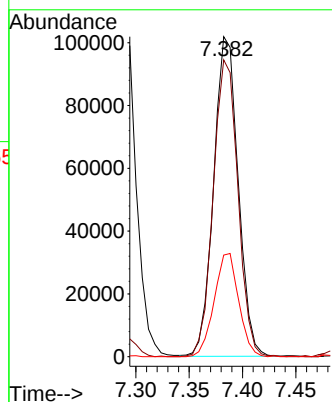
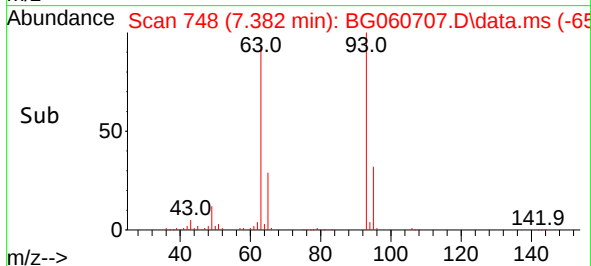
Tgt Ion: 93 Resp: 162450
Ion Ratio Lower Upper
93 100
63 92.7 73.7 113.7
95 31.7 11.2 51.2

Manual Integrations

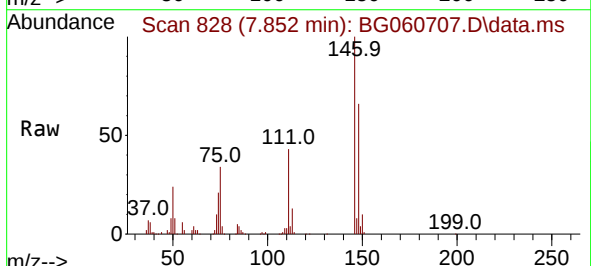
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

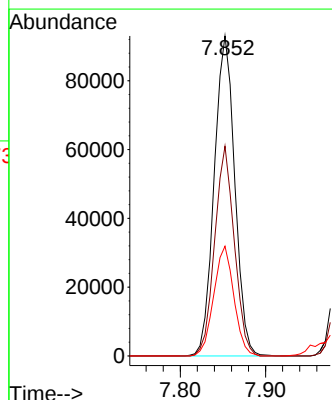
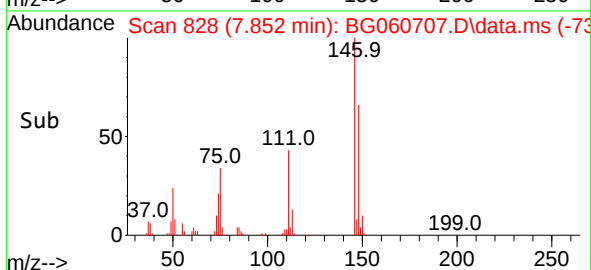
Supervised By :mohammad ahmed 04/02/2024

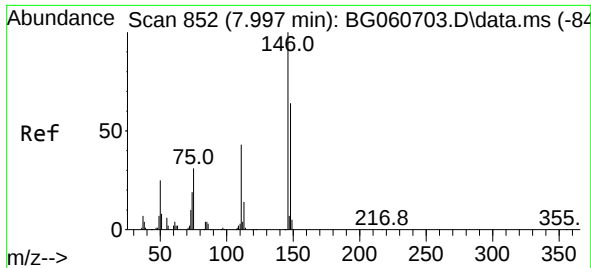


#12
1,3-Dichlorobenzene
Concen: 37.724 ng
RT: 7.852 min Scan# 828
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:146 Resp: 155858
Ion Ratio Lower Upper
146 100
148 65.6 53.0 79.4
75 34.3 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.205 ng

RT: 7.999 min Scan# 853

Delta R.T. 0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Tgt Ion:146 Resp: 16103

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

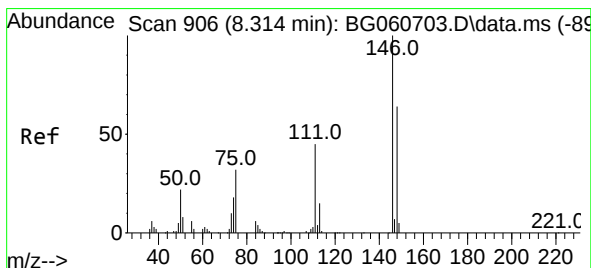
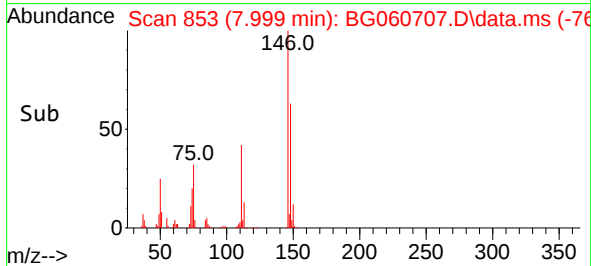
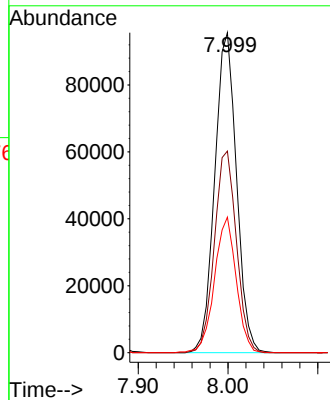
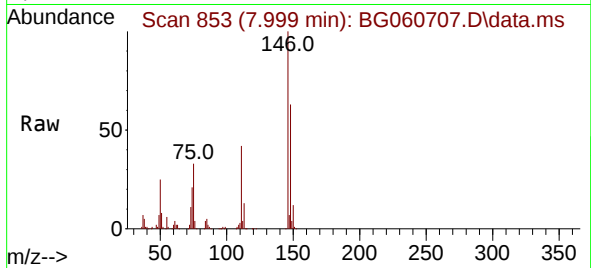
111 42.4 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#14

1,2-Dichlorobenzene

Concen: 38.084 ng

RT: 8.311 min Scan# 906

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

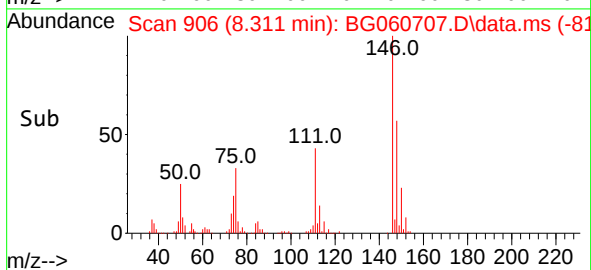
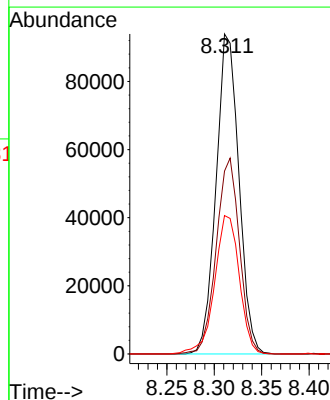
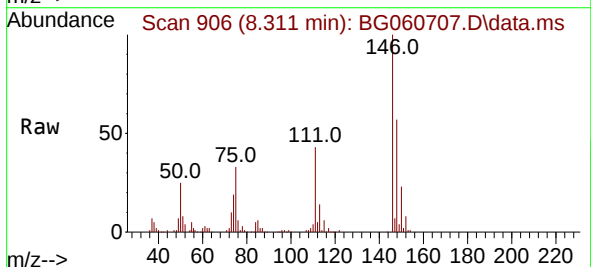
Tgt Ion:146 Resp: 157313

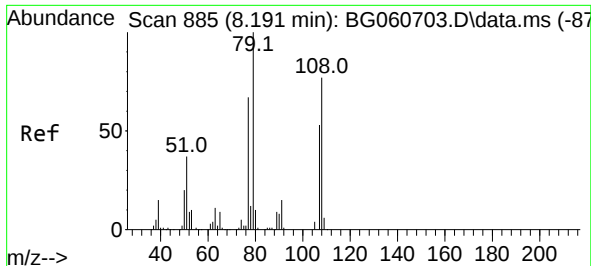
Ion Ratio Lower Upper

146 100

148 57.1 51.0 76.6

111 43.3 36.0 54.0





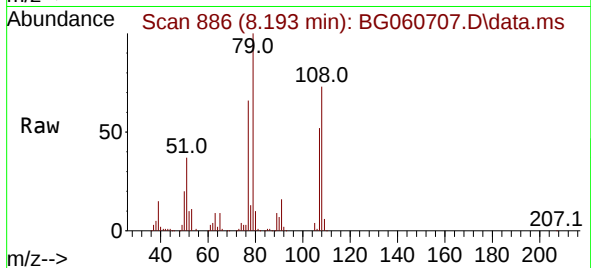
#15
Benzyl Alcohol
Concen: 39.384 ng
RT: 8.193 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



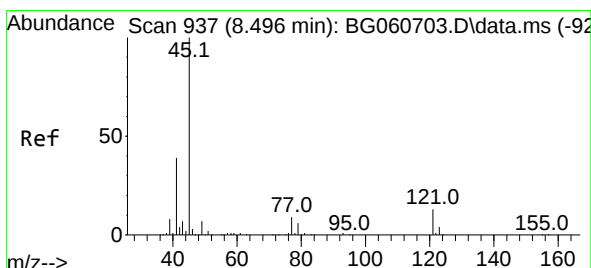
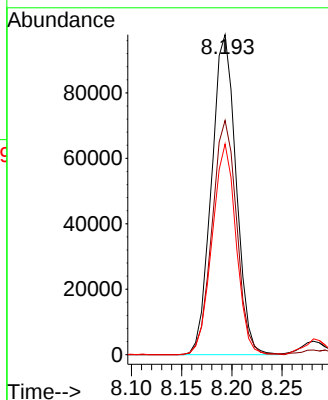
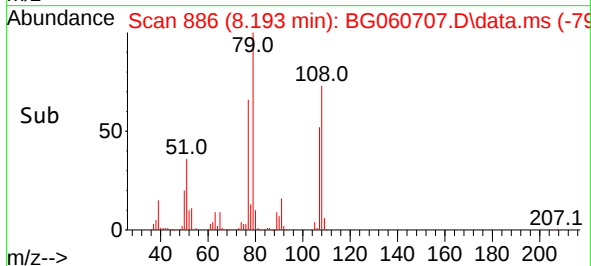
Tgt Ion: 79 Resp: 165949
Ion Ratio Lower Upper
79 100
108 73.2 61.4 92.0
77 65.9 53.6 80.4

Manual Integrations

APPROVED

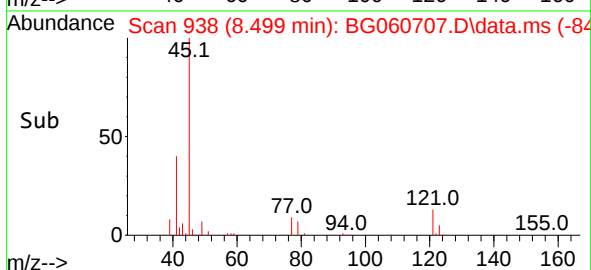
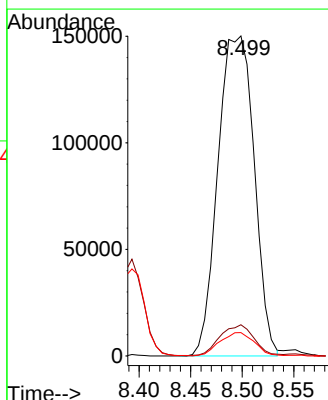
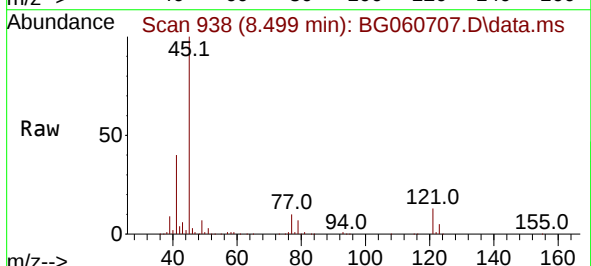
Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.962 ng m
RT: 8.499 min Scan# 938
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion: 45 Resp: 367198
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.1
79 7.3 0.0 26.5





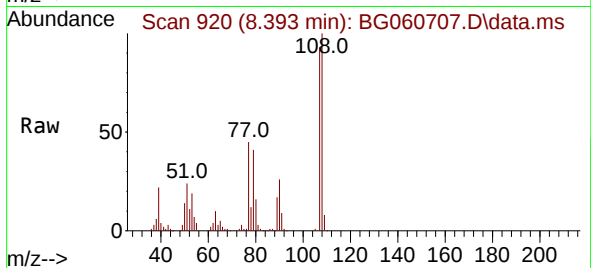
#17
2-Methylphenol
Concen: 38.695 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



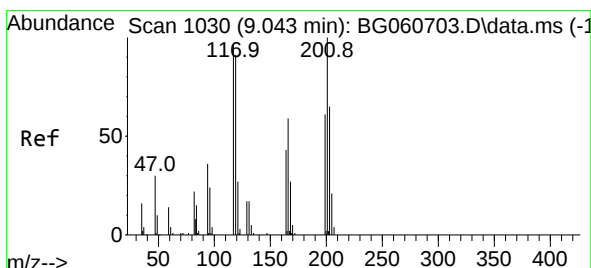
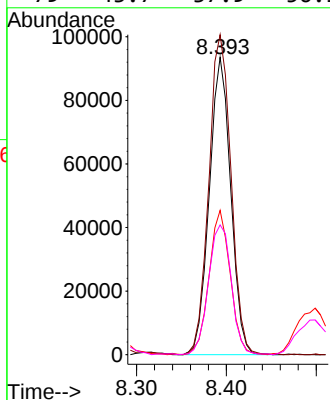
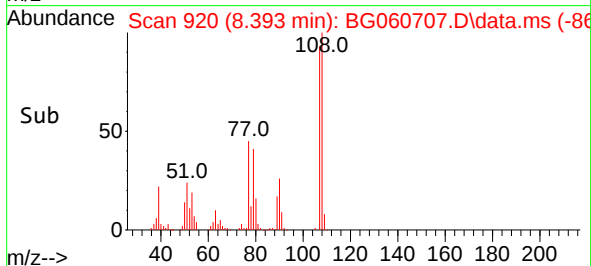
Tgt Ion:	107	Resp:	155070
Ion Ratio	Lower	Upper	
107	100		
108	107.6	86.4	129.6
77	48.5	38.6	58.0
79	43.7	37.9	56.9

Manual Integrations

APPROVED

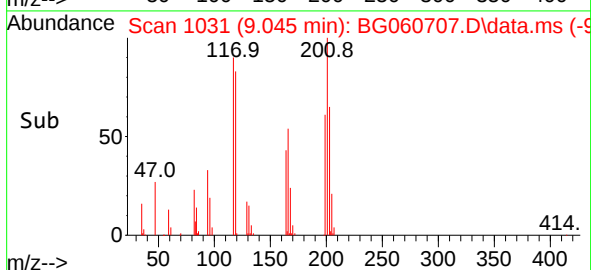
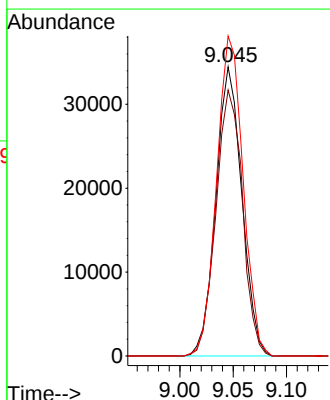
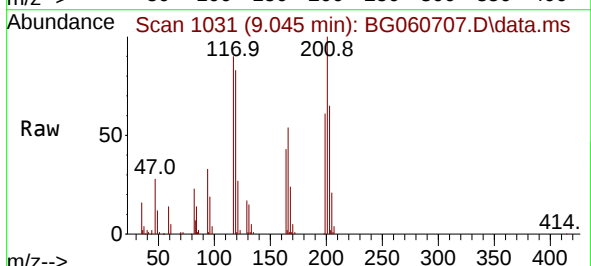
Reviewed By :Yogesh Patel 04/02/2024

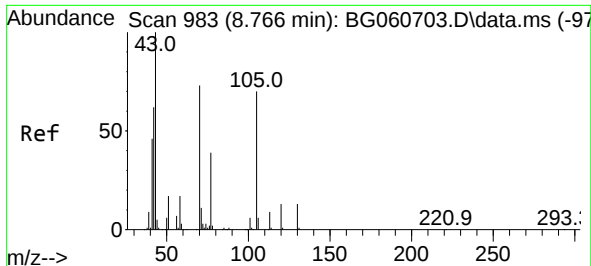
Supervised By :mohammad ahmed 04/02/2024



#18
Hexachloroethane
Concen: 38.982 ng
RT: 9.045 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

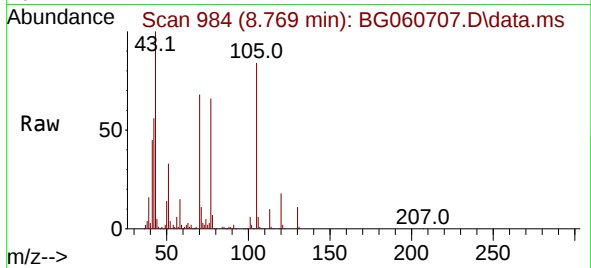
Tgt Ion:	117	Resp:	58357
Ion Ratio	Lower	Upper	
117	100		
119	92.0	75.7	113.5
201	110.7	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.731 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

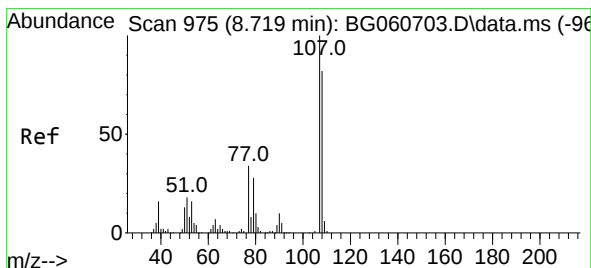
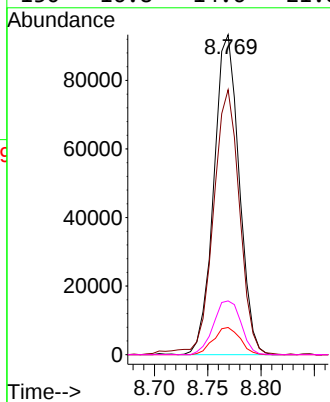
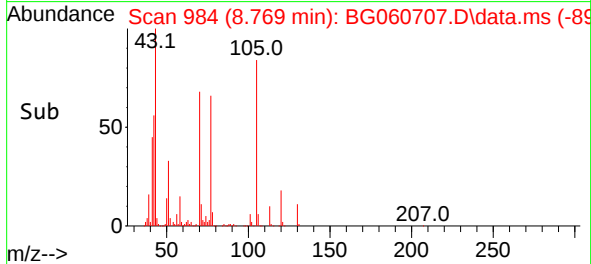
Instrument :
BNA_G
ClientSampleId :
ICVBG032924



Tgt Ion: 70 Resp: 15364
Ion Ratio Lower Upper
70 100
42 82.8 68.4 102.6
101 8.5 6.1 9.1
130 16.8 14.6 21.8

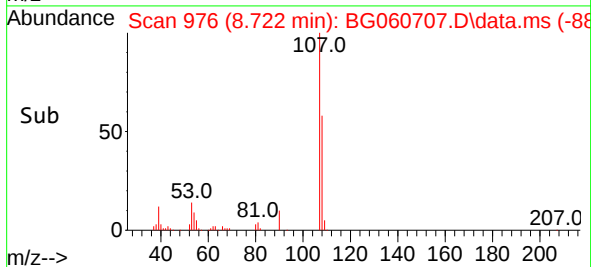
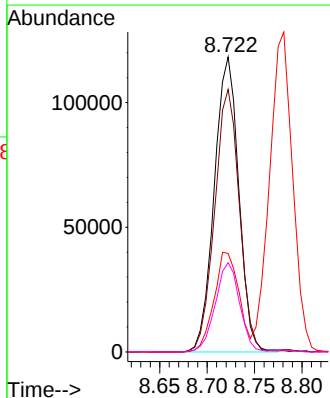
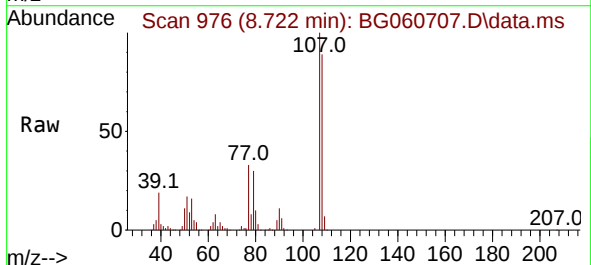
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#20
3+4-Methylphenols
Concen: 38.743 ng
RT: 8.722 min Scan# 976
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:107 Resp: 212622
Ion Ratio Lower Upper
107 100
108 89.0 62.2 102.2
77 33.4 14.1 54.1
79 30.2 7.7 47.7





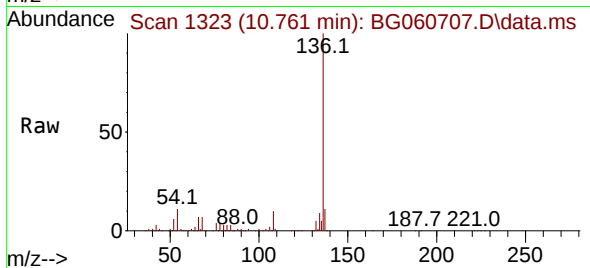
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1323
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



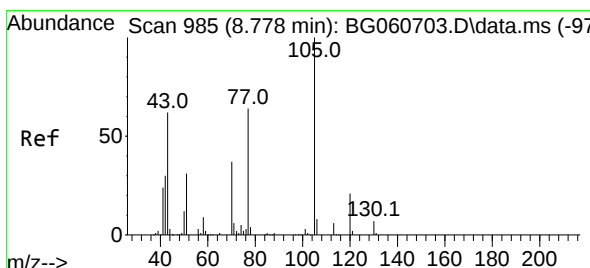
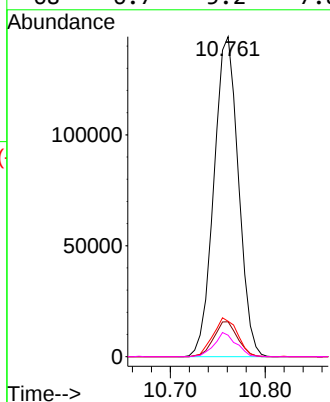
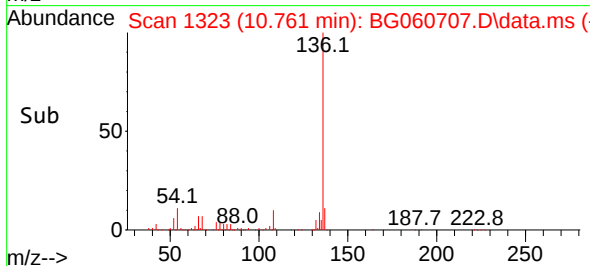
Tgt Ion:136 Resp: 258905
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 10.2 15.2
68 6.7 5.2 7.8

Manual Integrations

APPROVED

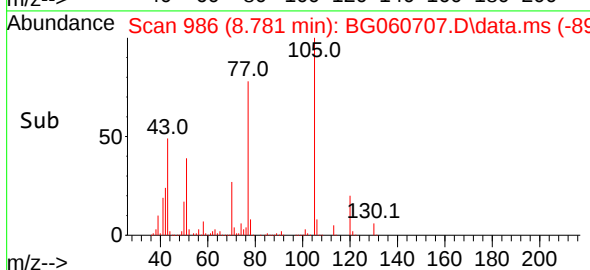
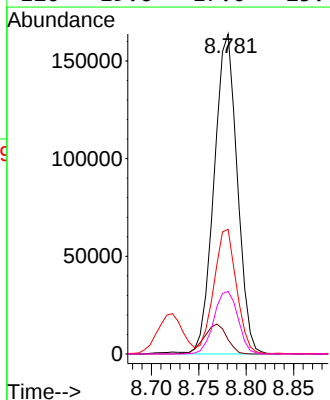
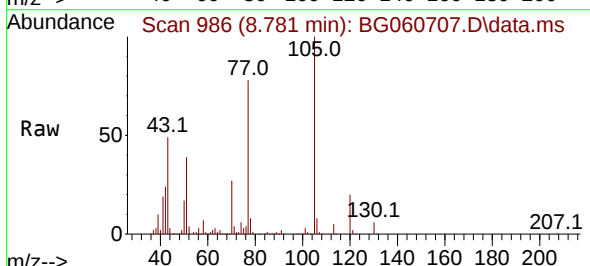
Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#22
Acetophenone
Concen: 39.126 ng
RT: 8.781 min Scan# 986
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:105 Resp: 279321
Ion Ratio Lower Upper
105 100
71 4.5 4.9 7.3#
51 39.0 31.1 46.7
120 19.6 17.0 25.4





#23
Nitrobenzene-d5
Concen: 85.723 ng
RT: 9.116 min Scan# 1043
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

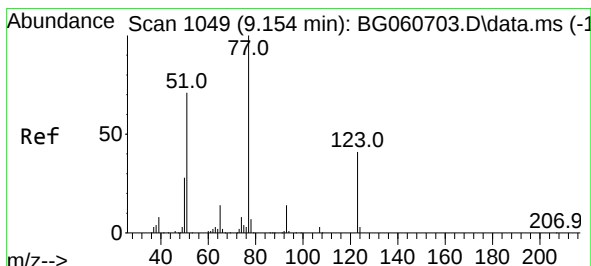
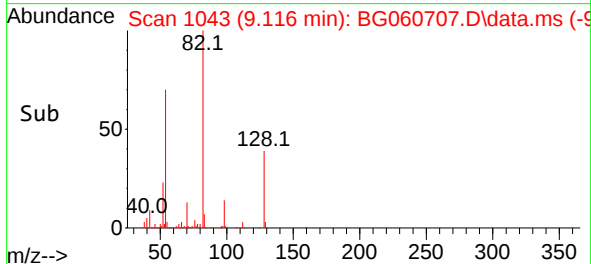
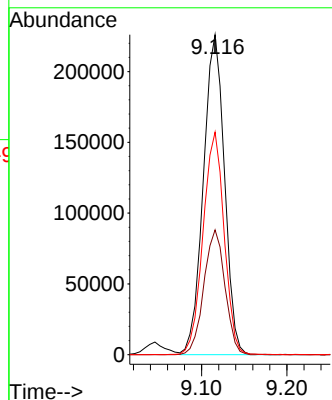
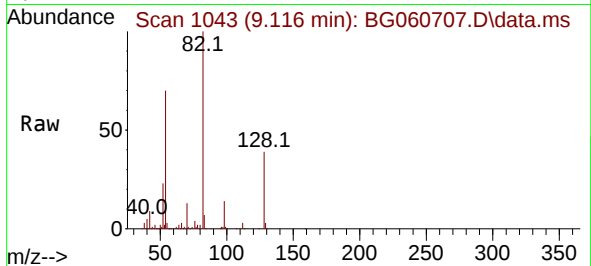
Tgt Ion: 82 Resp: 388949
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 69.6 53.2 79.8

Manual Integrations

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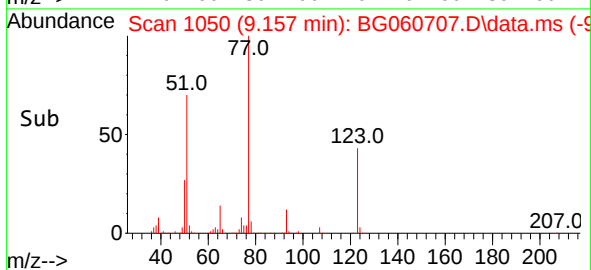
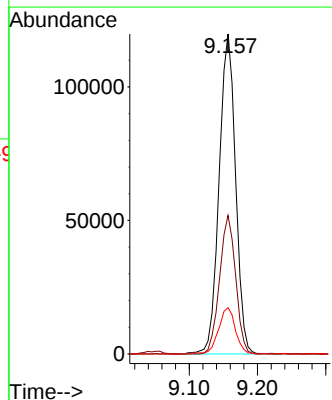
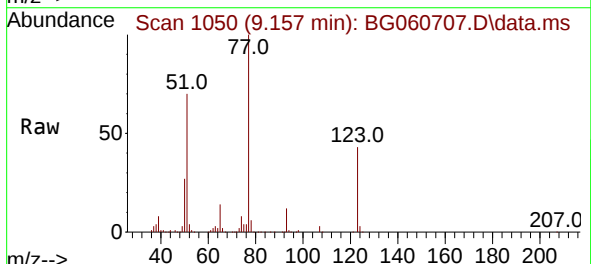
Reviewed By :Yogesh Patel 04/02/2024

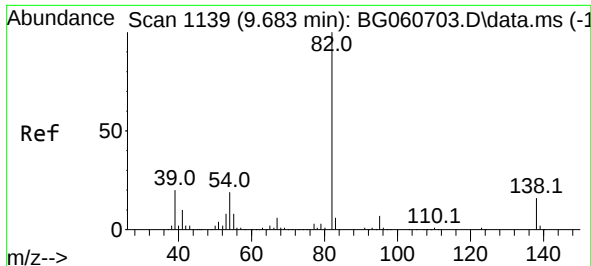
Supervised By :mohammad ahmed 04/02/2024



#24
Nitrobenzene
Concen: 40.303 ng
RT: 9.157 min Scan# 1050
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion: 77 Resp: 201170
Ion Ratio Lower Upper
77 100
123 43.3 32.7 49.1
65 14.5 11.3 16.9





#25
Isophorone
Concen: 39.435 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

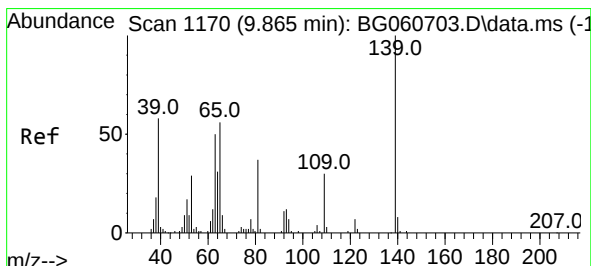
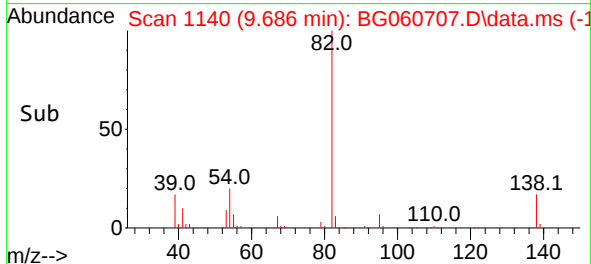
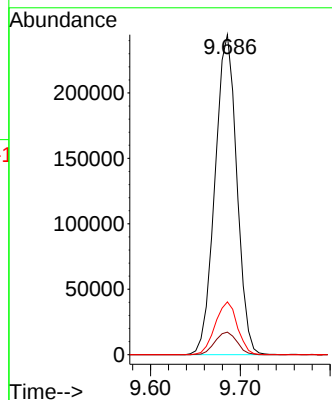
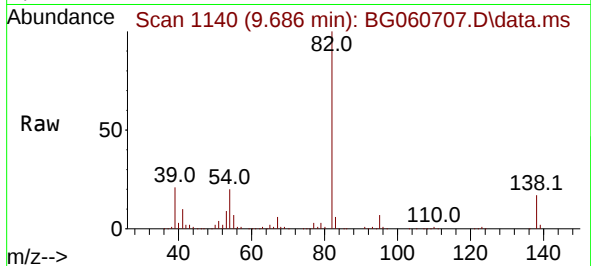
ICVBG032924

Tgt Ion: 82 Resp: 41212
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 16.5 13.0 19.4

Manual Integrations

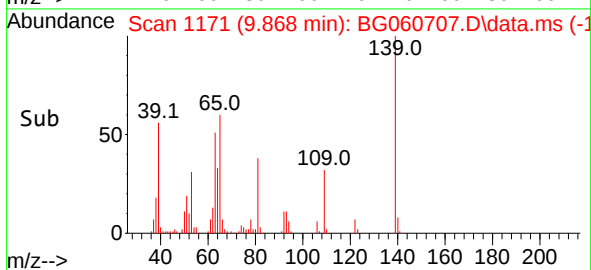
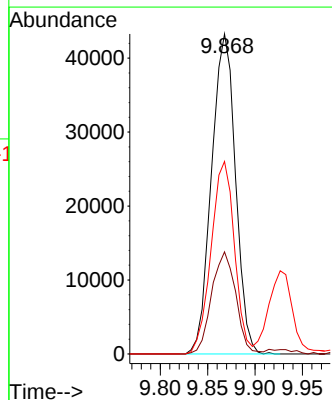
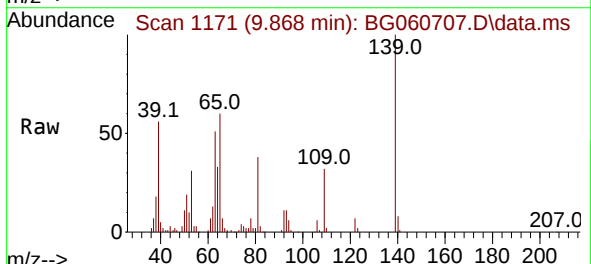
APPROVED

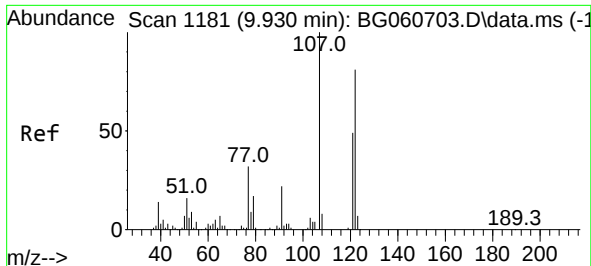
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#26
2-Nitrophenol
Concen: 43.835 ng
RT: 9.868 min Scan# 1171
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:139 Resp: 75992
Ion Ratio Lower Upper
139 100
109 31.9 23.9 35.9
65 60.1 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 39.269 ng

RT: 9.926 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BG060707.D

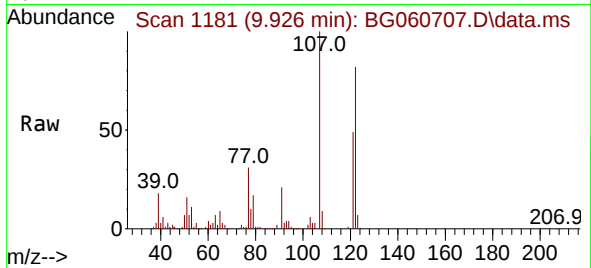
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



Tgt Ion:122 Resp: 164850

Ion Ratio Lower Upper

122 100

107 122.5 98.6 147.8

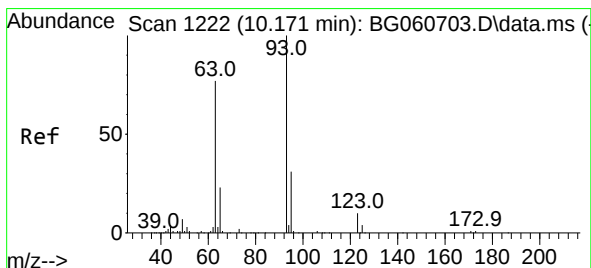
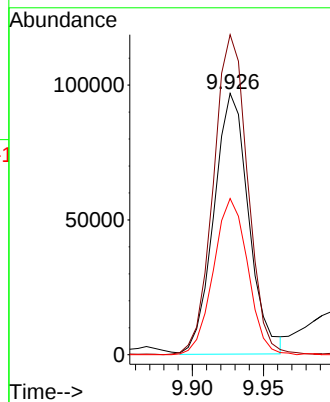
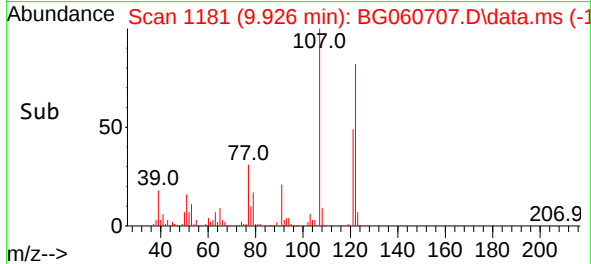
121 59.8 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.728 ng

RT: 10.167 min Scan# 1222

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

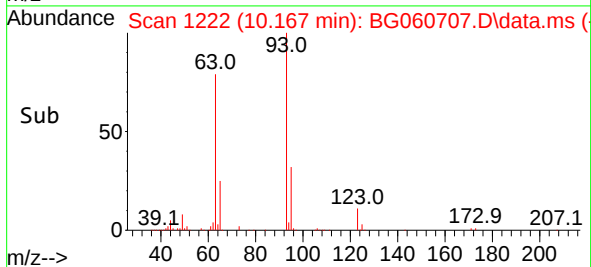
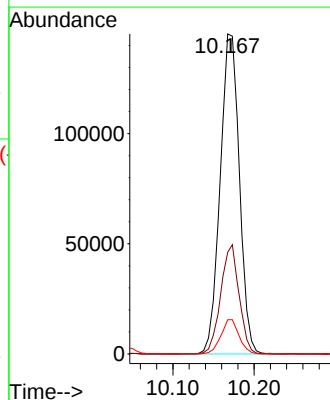
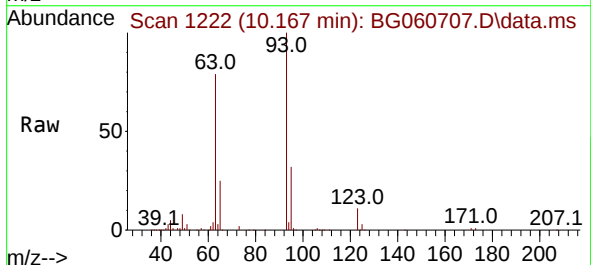
Tgt Ion: 93 Resp: 238945

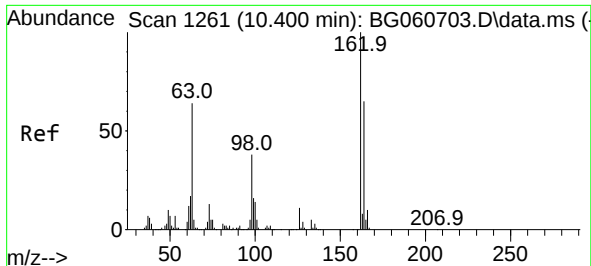
Ion Ratio Lower Upper

93 100

95 31.8 25.1 37.7

123 10.7 8.0 12.0





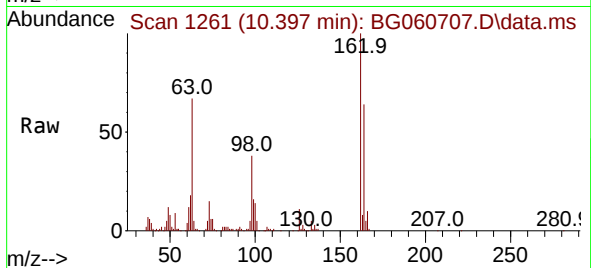
#29
2,4-Dichlorophenol
Concen: 40.950 ng
RT: 10.397 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



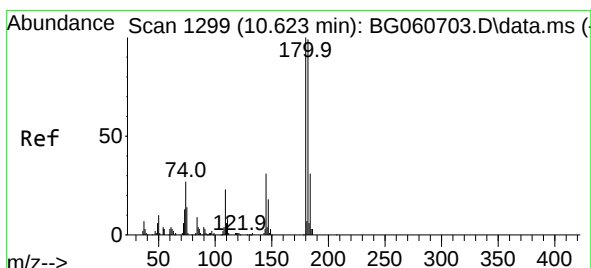
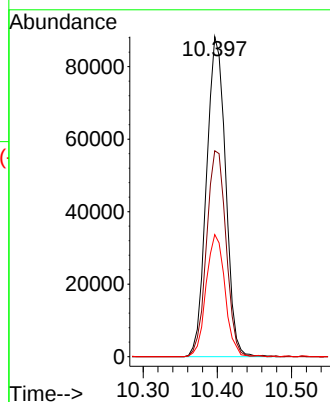
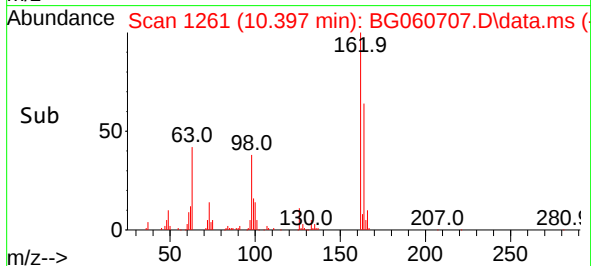
Tgt Ion:162 Resp: 157862
Ion Ratio Lower Upper
162 100
164 64.3 45.2 85.2
98 38.2 17.7 57.7

Manual Integrations

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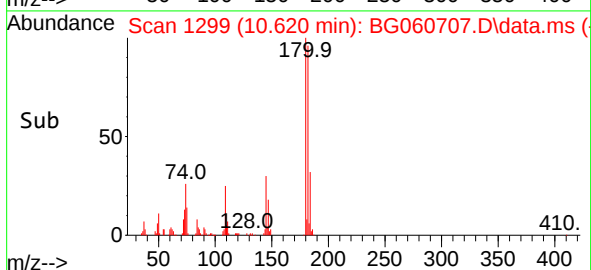
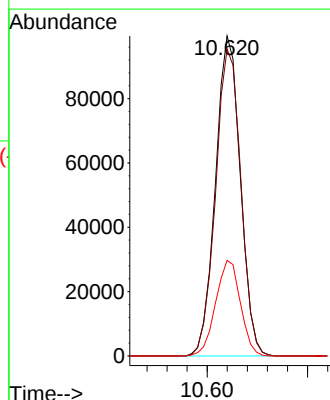
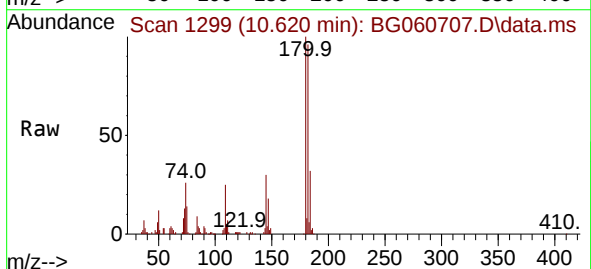
Reviewed By :Yogesh Patel 04/02/2024

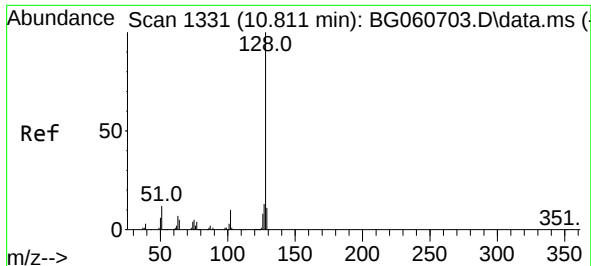
Supervised By :mohammad ahmed 04/02/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.162 ng
RT: 10.620 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:180 Resp: 170949
Ion Ratio Lower Upper
180 100
182 95.9 79.0 118.4
145 29.9 24.9 37.3





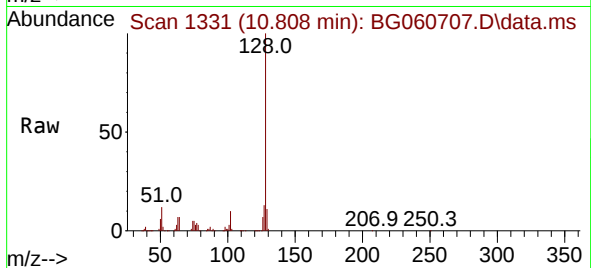
#31
Naphthalene
Concen: 38.919 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



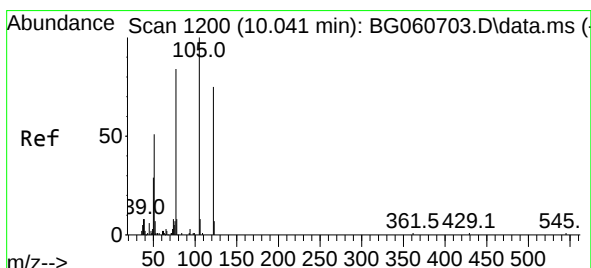
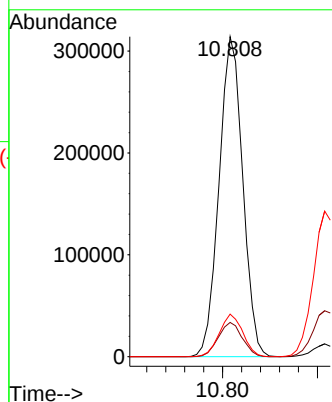
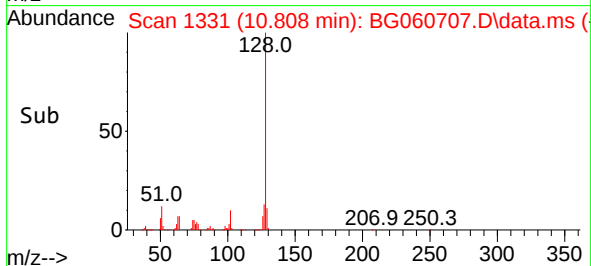
Tgt Ion:128 Resp: 545070
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.3 10.5 15.7

Manual Integrations

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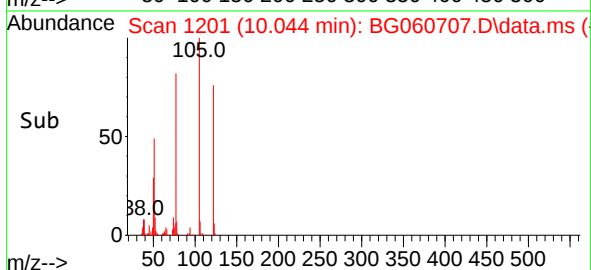
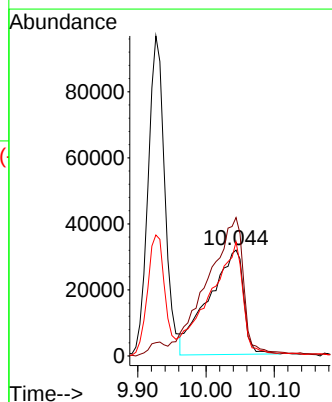
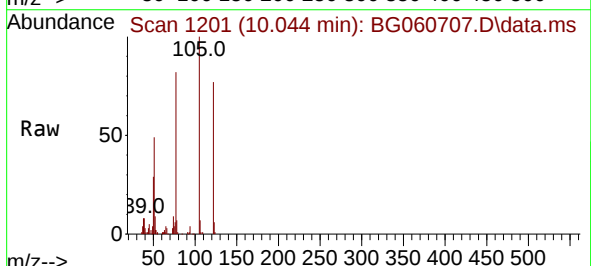
Reviewed By :Yogesh Patel 04/02/2024

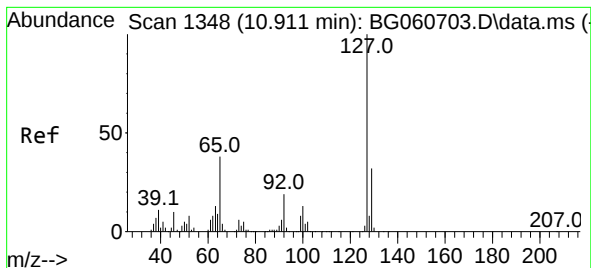
Supervised By :mohammad ahmed 04/02/2024



#32
Benzoic acid
Concen: 41.239 ng
RT: 10.044 min Scan# 1201
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:122 Resp: 112047
Ion Ratio Lower Upper
122 100
105 130.7 104.5 144.5
77 107.8 85.3 125.3





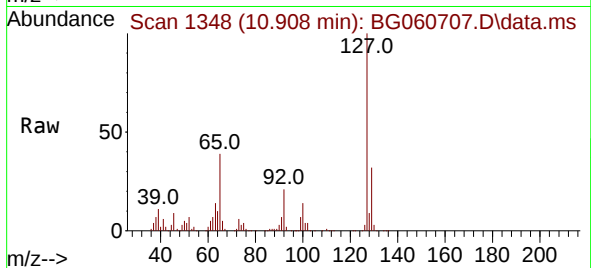
#33
4-Chloroaniline
Concen: 38.603 ng
RT: 10.908 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



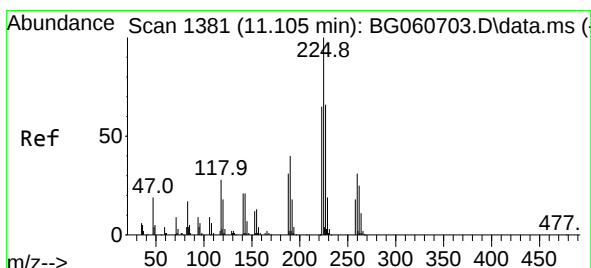
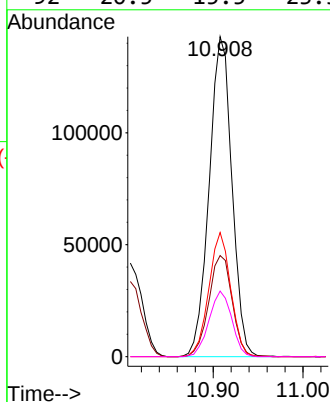
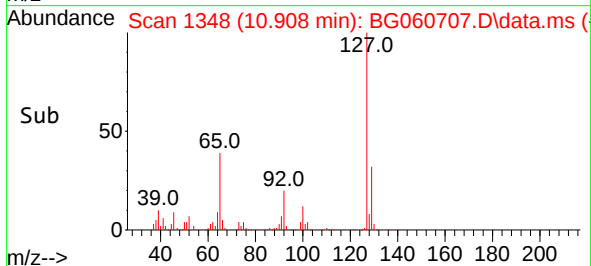
Tgt Ion:127 Resp: 25111
Ion Ratio Lower Upper
127 100
129 31.6 25.3 37.9
65 38.8 30.2 45.2
92 20.5 15.5 23.3

Manual Integrations

APPROVED

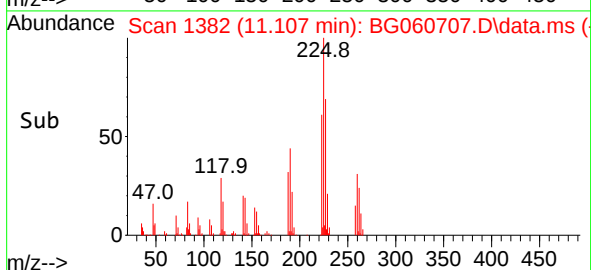
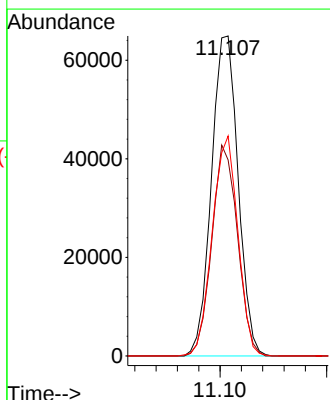
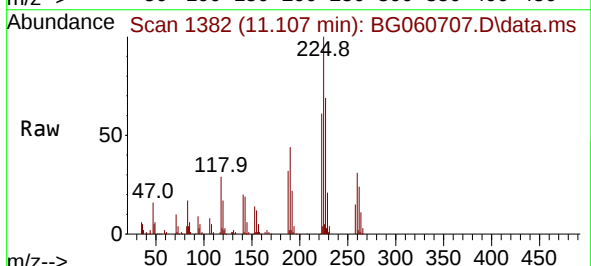
Reviewed By :Yogesh Patel 04/02/2024

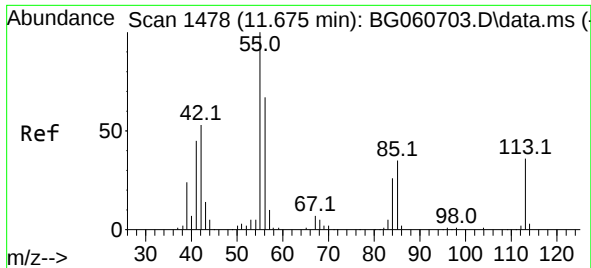
Supervised By :mohammad ahmed 04/02/2024



#34
Hexachlorobutadiene
Concen: 38.713 ng
RT: 11.107 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:225 Resp: 112624
Ion Ratio Lower Upper
225 100
223 61.3 52.0 78.0
227 68.7 52.5 78.7





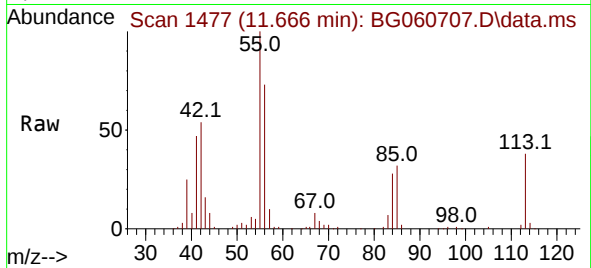
#35
Caprolactam
Concen: 39.017 ng
RT: 11.666 min Scan# 1477
Delta R.T. -0.009 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



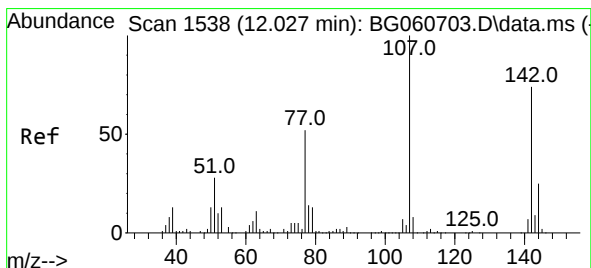
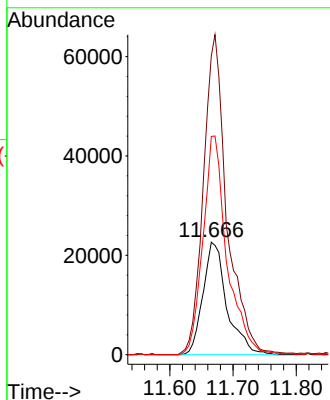
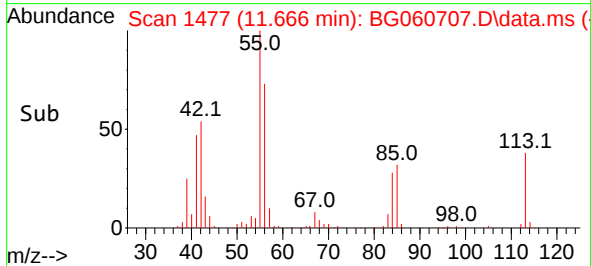
Tgt Ion:113 Resp: 59572
Ion Ratio Lower Upper
113 100
55 265.6 258.0 298.0
56 193.9 166.3 206.3

Manual Integrations

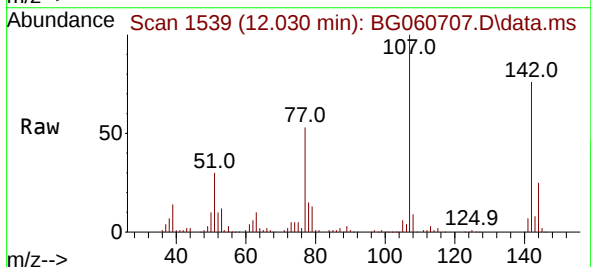
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

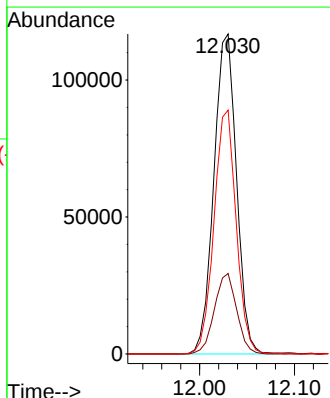
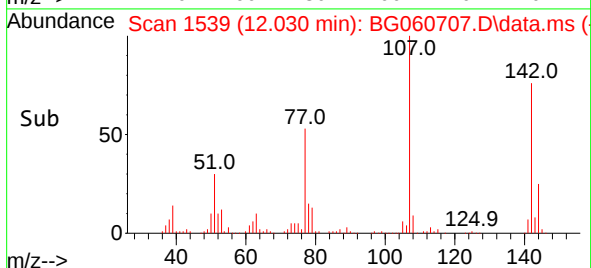
Supervised By :mohammad ahmed 04/02/2024

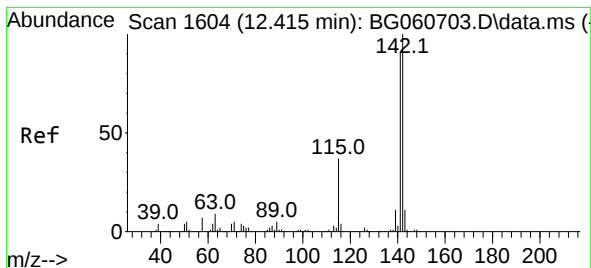


#36
4-Chloro-3-methylphenol
Concen: 39.416 ng
RT: 12.030 min Scan# 1539
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



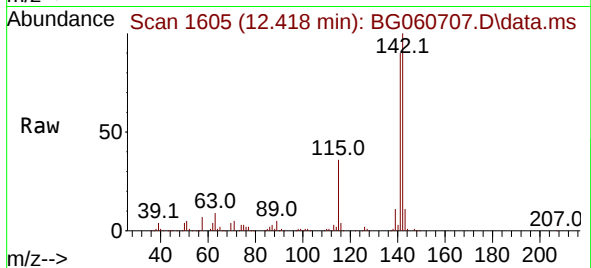
Tgt Ion:107 Resp: 194106
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 76.2 59.2 88.8





#37
2-Methylnaphthalene
Concen: 38.064 ng
RT: 12.418 min Scan# 1605
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

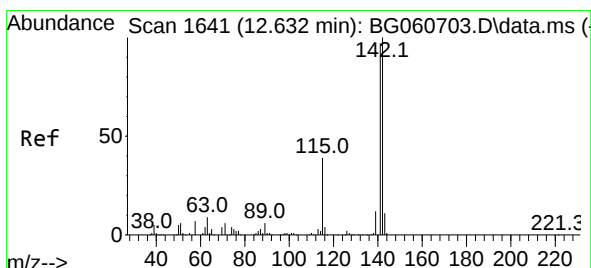
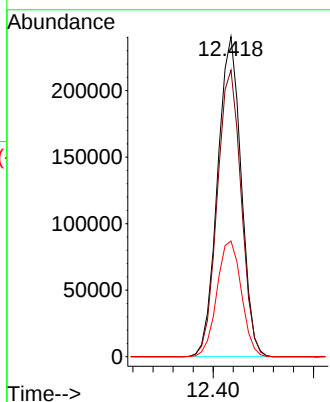
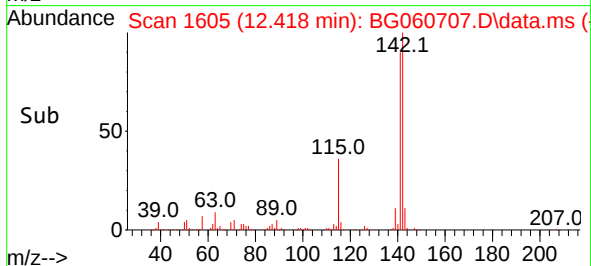
Instrument :
BNA_G
ClientSampleId :
ICVBG032924



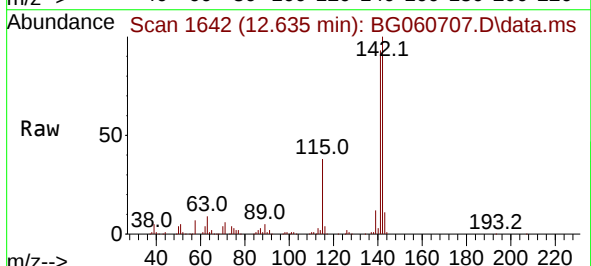
Tgt Ion:142 Resp: 39192
Ion Ratio Lower Upper
142 100
141 89.6 72.7 109.1
115 36.2 29.9 44.9

Manual Integrations
APPROVED

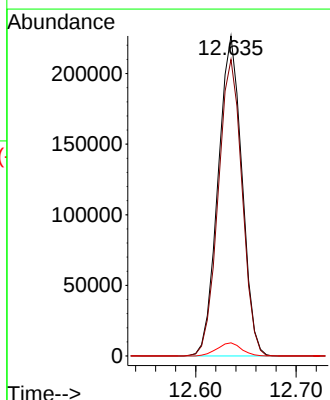
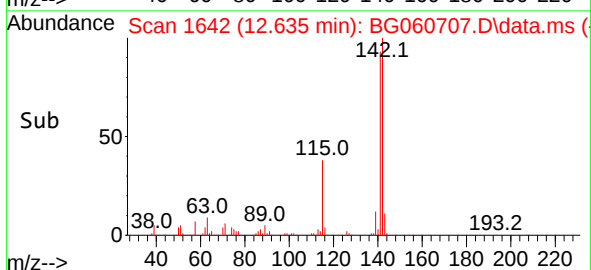
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

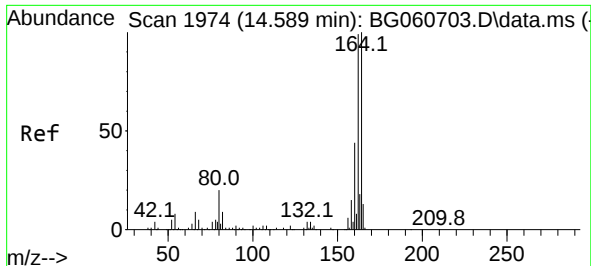


#38
1-Methylnaphthalene
Concen: 38.396 ng
RT: 12.635 min Scan# 1642
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:142 Resp: 373481
Ion Ratio Lower Upper
142 100
141 92.6 77.7 116.5
116 4.1 3.4 5.2





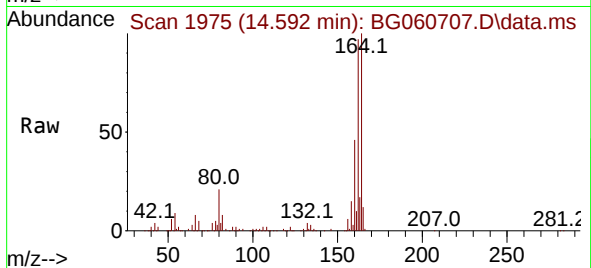
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



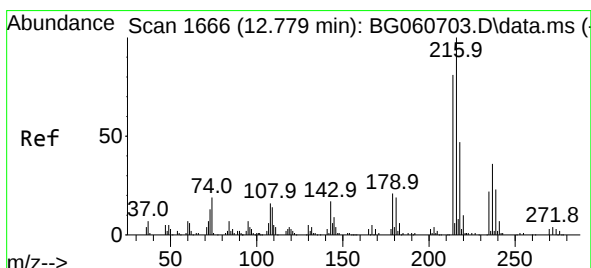
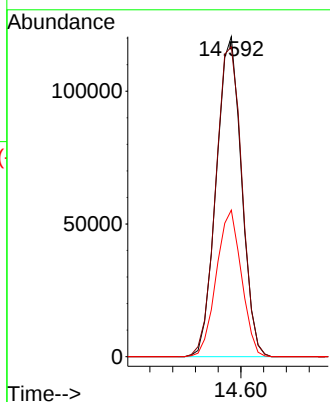
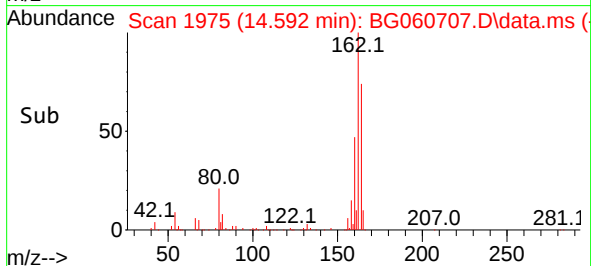
Tgt Ion:164 Resp: 185550
Ion Ratio Lower Upper
164 100
162 96.9 79.5 119.3
160 45.8 35.4 53.0

Manual Integrations

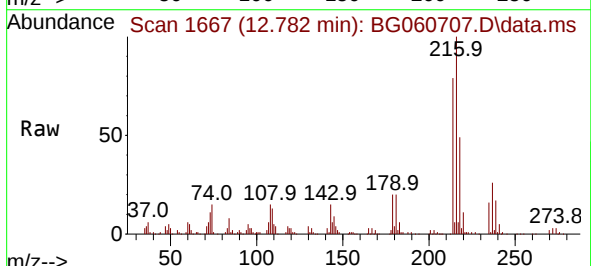
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

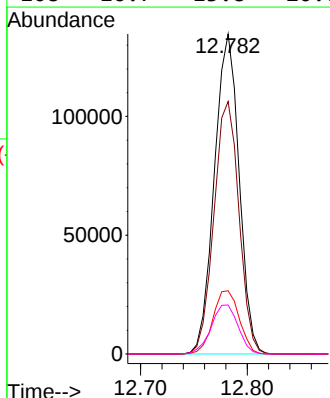
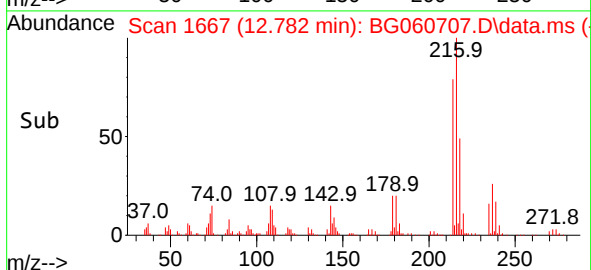
Supervised By :mohammad ahmed 04/02/2024

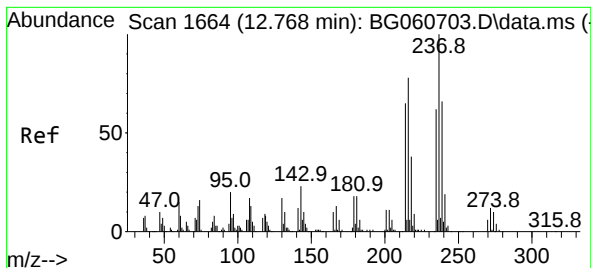


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.622 ng
RT: 12.782 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:216 Resp: 216693
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 21.0 16.7 25.1
108 16.7 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 42.099 ng

RT: 12.770 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

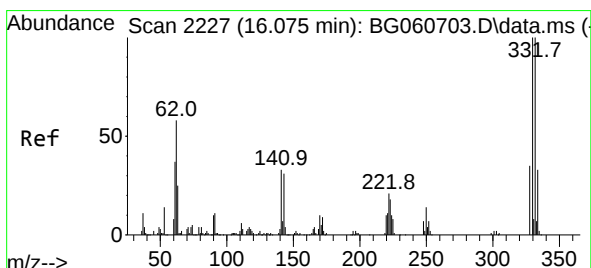
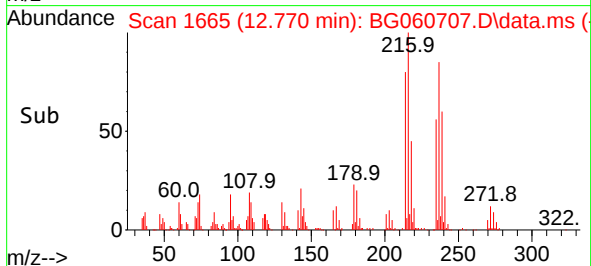
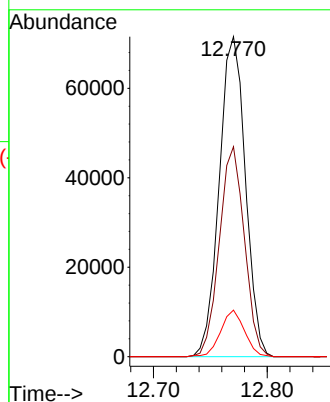
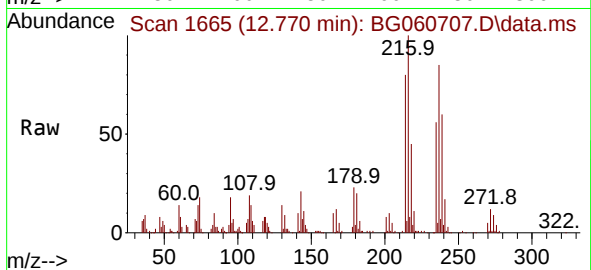
ICVBG032924

Tgt Ion:237	Resp: 114190
Ion Ratio	Lower Upper
237 100	
235 65.6	42.0 82.0
272 14.5	0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#42

2,4,6-Tribromophenol

Concen: 88.590 ng

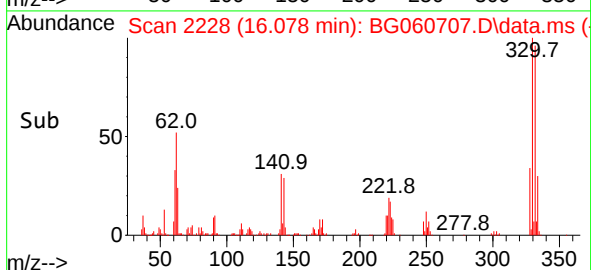
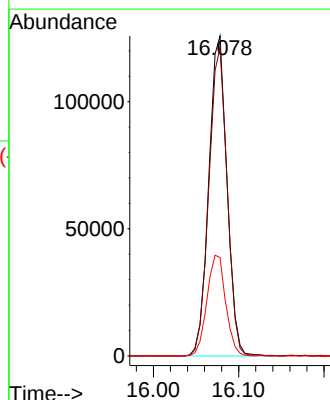
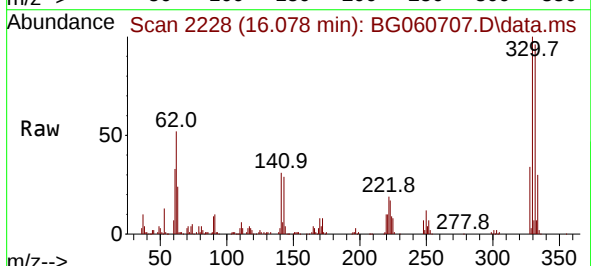
RT: 16.078 min Scan# 2228

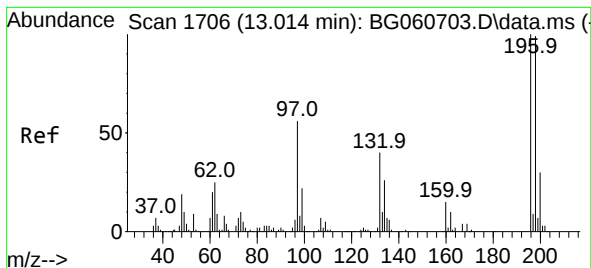
Delta R.T. 0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Tgt Ion:330	Resp: 186597
Ion Ratio	Lower Upper
330 100	
332 96.5	78.2 117.4
141 32.4	27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 42.551 ng

RT: 13.017 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060707.D

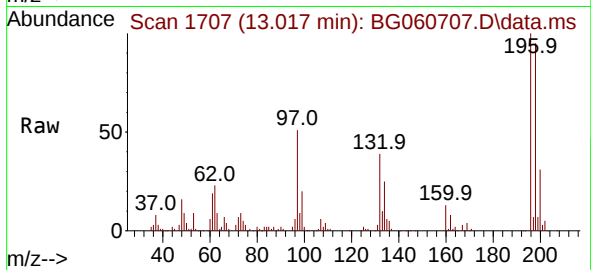
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



Tgt Ion:196 Resp: 146150

Ion Ratio Lower Upper

196 100

198 94.9 79.1 118.7

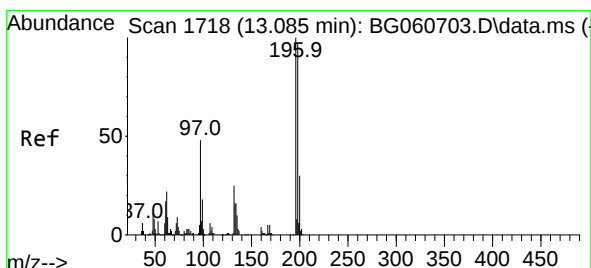
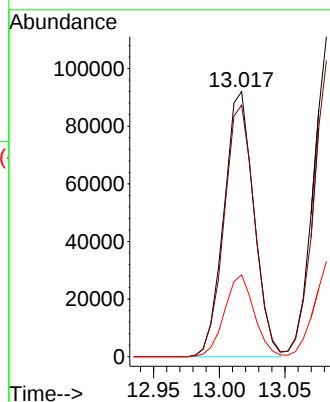
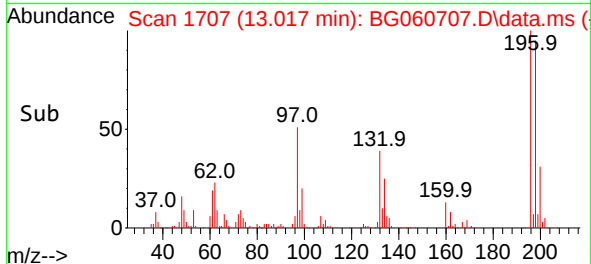
200 30.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#44

2,4,5-Trichlorophenol

Concen: 43.518 ng

RT: 13.082 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Tgt Ion:196 Resp: 178385

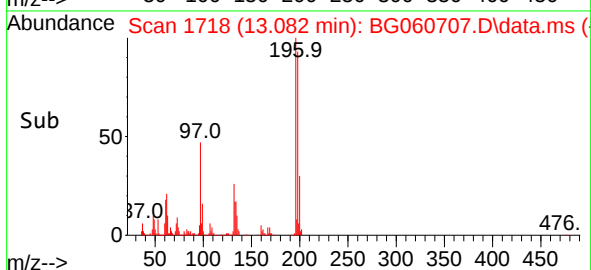
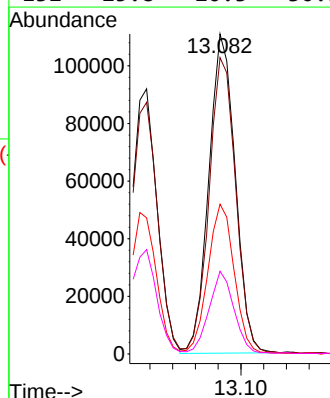
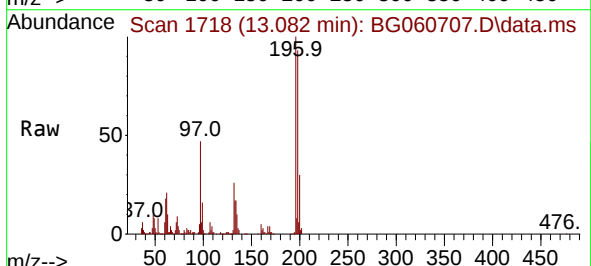
Ion Ratio Lower Upper

196 100

198 92.6 77.8 116.8

97 46.8 38.2 57.4

132 25.8 20.3 30.5





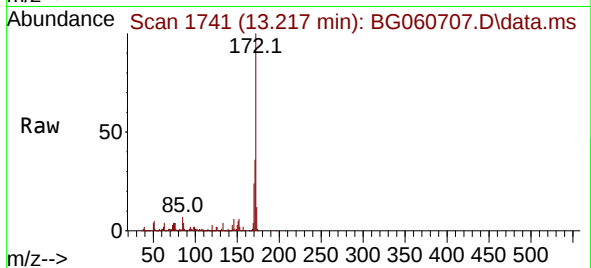
#45
2-Fluorobiphenyl
Concen: 79.694 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



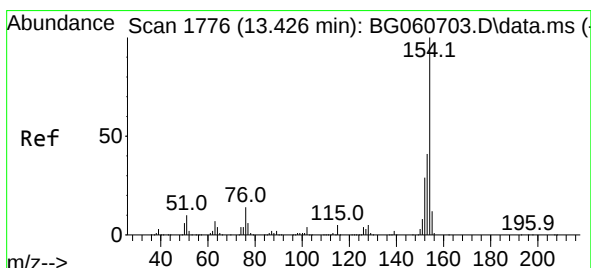
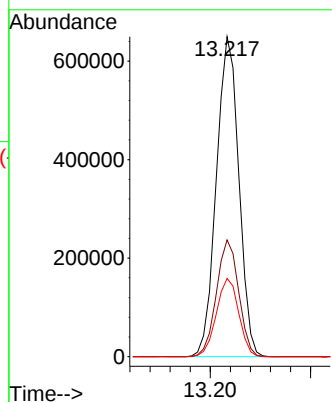
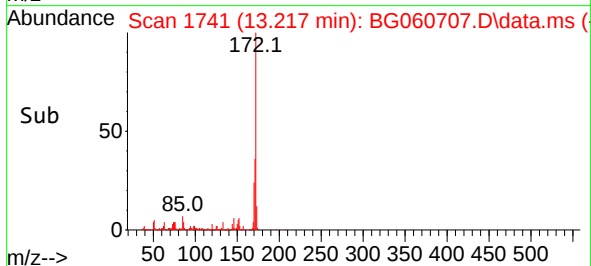
Tgt Ion:172 Resp: 1007552
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.5 19.4 29.0

Manual Integrations

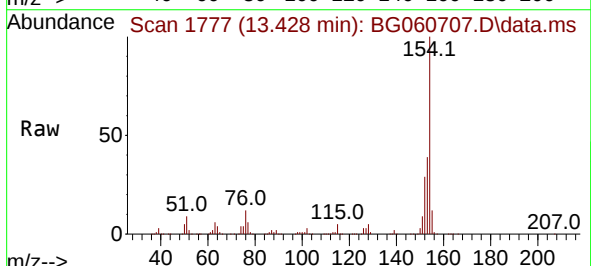
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

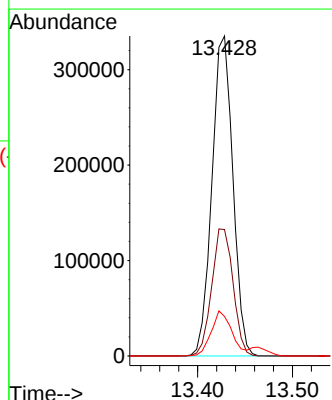
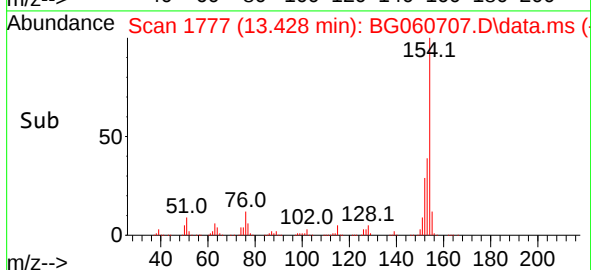
Supervised By :mohammad ahmed 04/02/2024

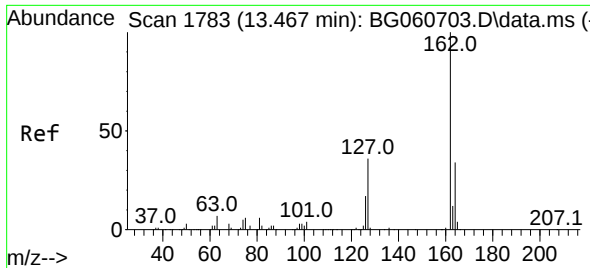


#46
1,1'-Biphenyl
Concen: 39.169 ng
RT: 13.428 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:154 Resp: 513346
Ion Ratio Lower Upper
154 100
153 39.5 20.8 60.8
76 12.4 0.0 33.9





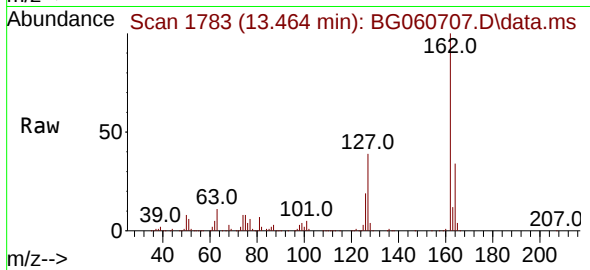
#47
2-Chloronaphthalene
Concen: 39.154 ng
RT: 13.464 min Scan# 1783
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



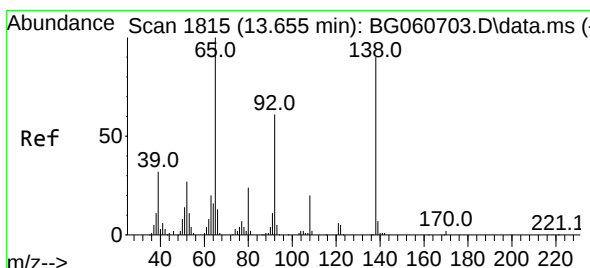
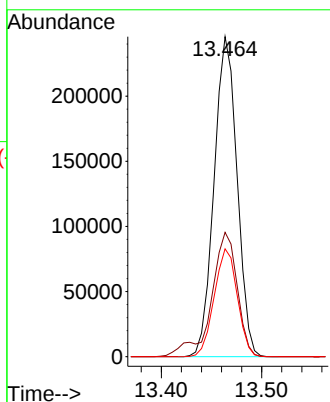
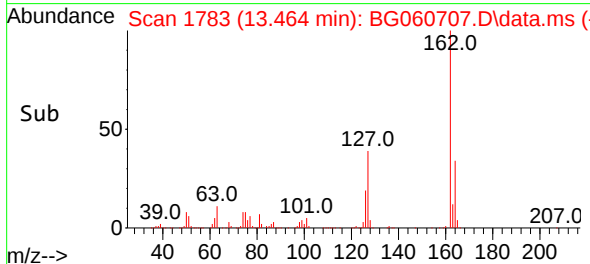
Tgt Ion:162 Resp: 389878
Ion Ratio Lower Upper
162 100
127 38.8 30.6 46.0
164 33.7 26.9 40.3

Manual Integrations

APPROVED

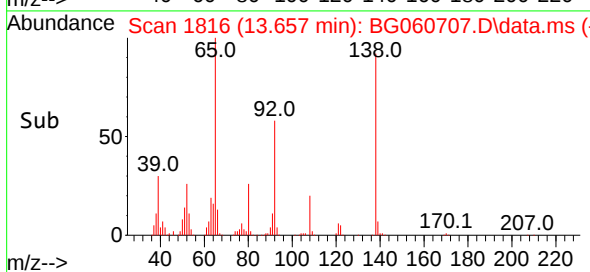
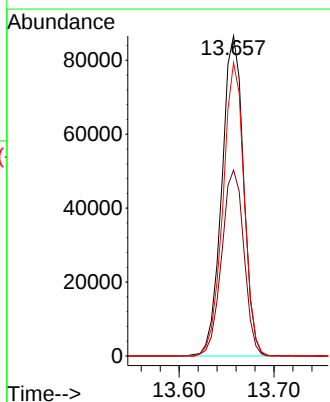
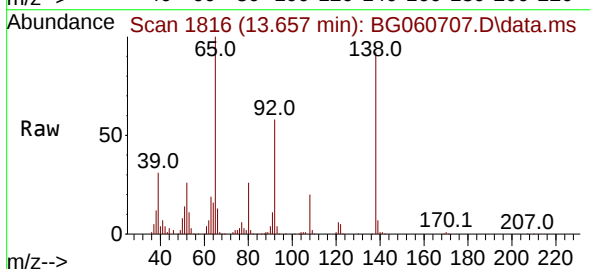
Reviewed By :Yogesh Patel 04/02/2024

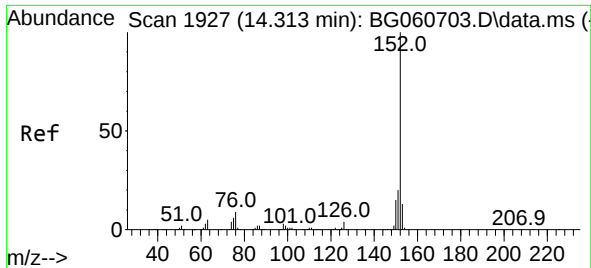
Supervised By :mohammad ahmed 04/02/2024



#48
2-Nitroaniline
Concen: 43.411 ng
RT: 13.657 min Scan# 1816
Delta R.T. 0.002 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion: 65 Resp: 137681
Ion Ratio Lower Upper
65 100
92 58.1 48.6 72.8
138 91.6 72.2 108.4





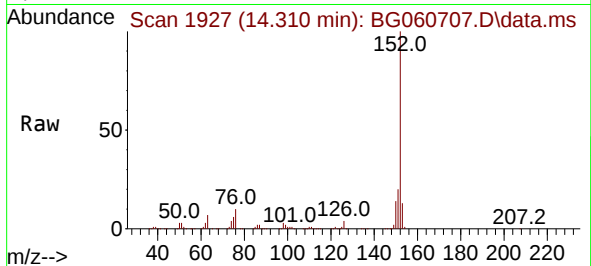
#49
Acenaphthylene
Concen: 40.098 ng
RT: 14.310 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



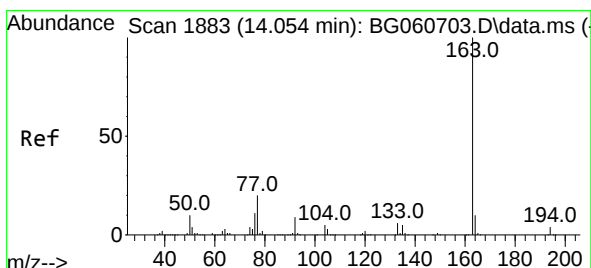
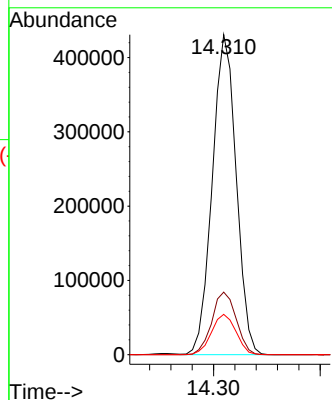
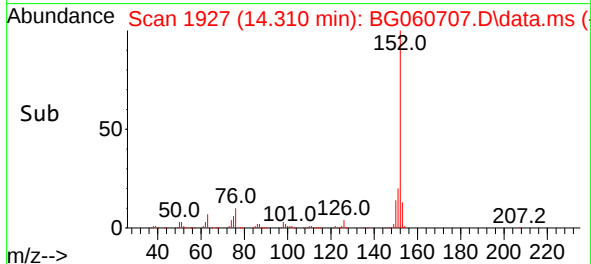
Tgt Ion:152 Resp: 670894
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.6 10.5 15.7

Manual Integrations

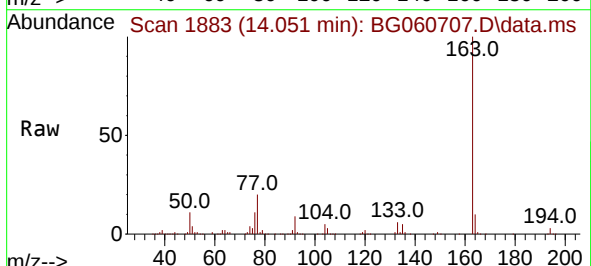
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

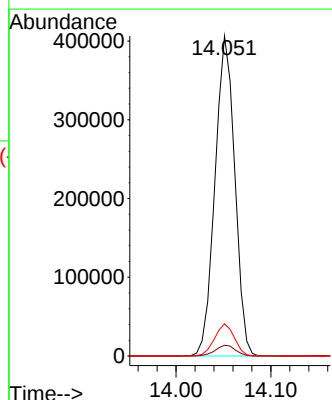
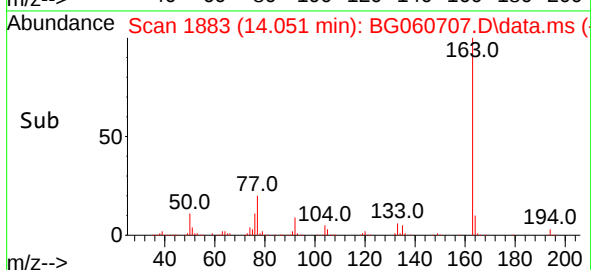
Supervised By :mohammad ahmed 04/02/2024

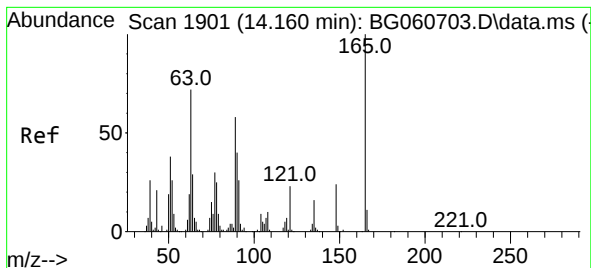


#50
Dimethylphthalate
Concen: 40.179 ng
RT: 14.051 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



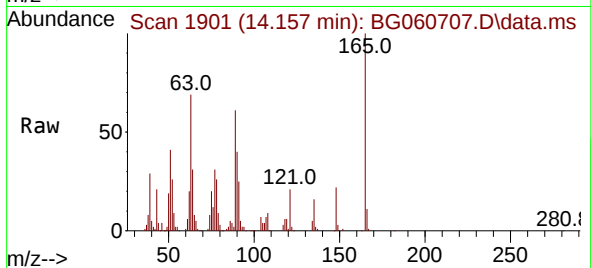
Tgt Ion:163 Resp: 589262
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.783 ng
RT: 14.157 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

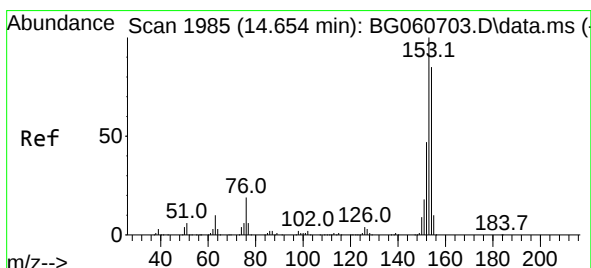
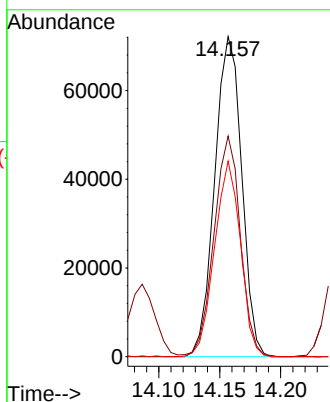
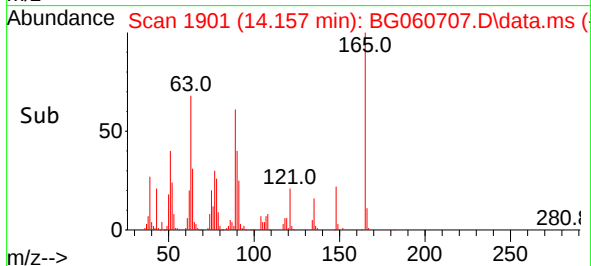
Instrument :
BNA_G
ClientSampleId :
ICVBG032924



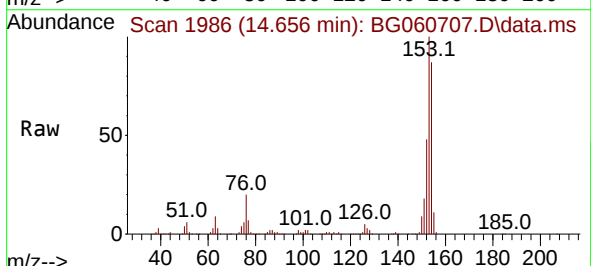
Tgt Ion:165 Resp: 111269
Ion Ratio Lower Upper
165 100
63 69.0 58.2 87.4
89 61.1 46.1 69.1

Manual Integrations
APPROVED

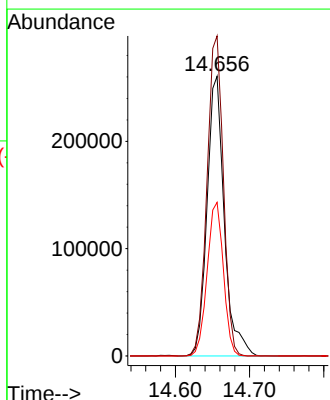
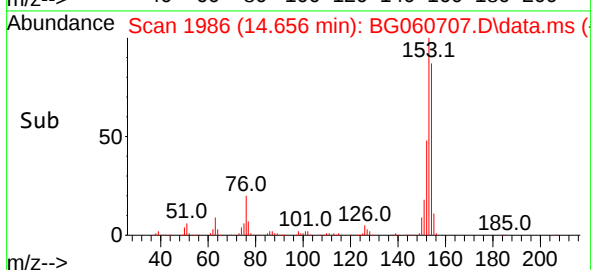
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

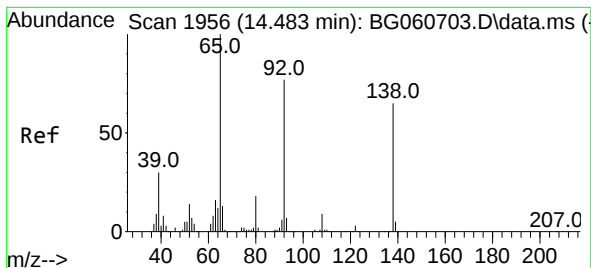


#52
Acenaphthene
Concen: 39.982 ng
RT: 14.656 min Scan# 1986
Delta R.T. 0.002 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:154 Resp: 420006
Ion Ratio Lower Upper
154 100
153 114.4 93.9 140.9
152 54.9 44.1 66.1





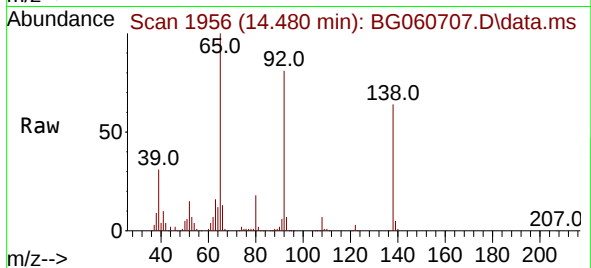
#53
3-Nitroaniline
Concen: 43.452 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



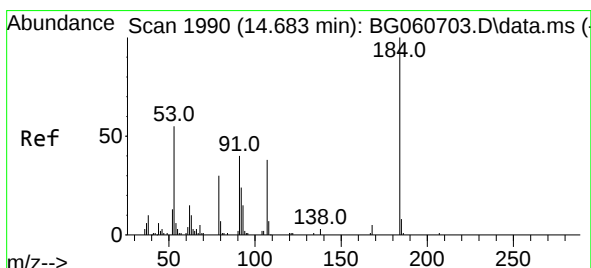
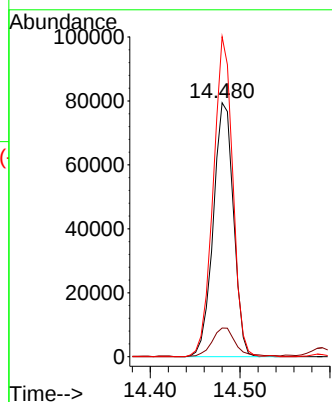
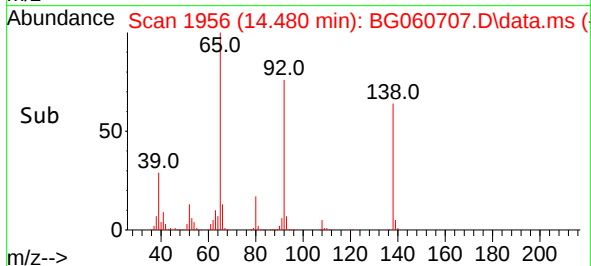
Tgt Ion:138 Resp: 12434
Ion Ratio Lower Upper
138 100
108 11.3 11.3 16.9
92 126.0 94.1 141.1

Manual Integrations

APPROVED

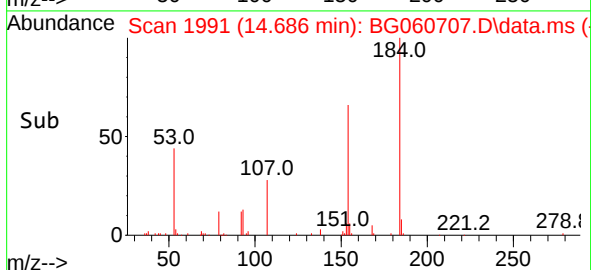
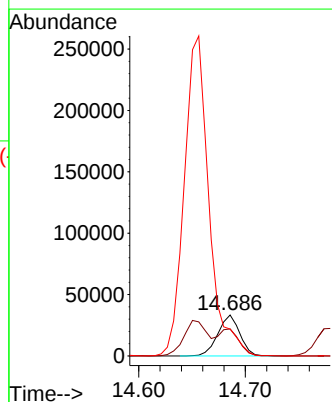
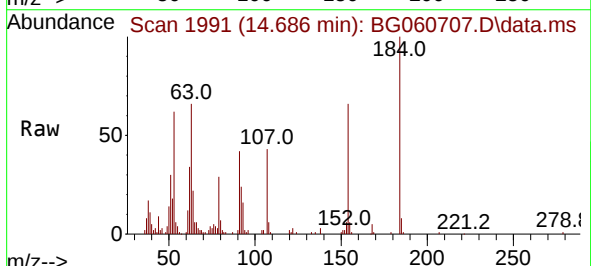
Reviewed By :Yogesh Patel 04/02/2024

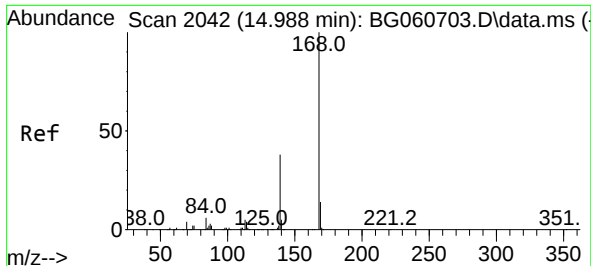
Supervised By :mohammad ahmed 04/02/2024



#54
2,4-Dinitrophenol
Concen: 46.425 ng
RT: 14.686 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:184 Resp: 47393
Ion Ratio Lower Upper
184 100
63 66.2 51.3 76.9
154 65.7 59.9 89.9





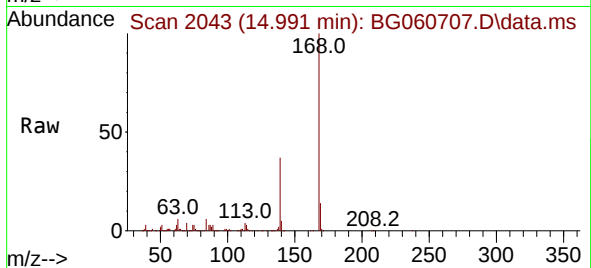
#55
Dibenzofuran
Concen: 40.055 ng
RT: 14.991 min Scan# 2042
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



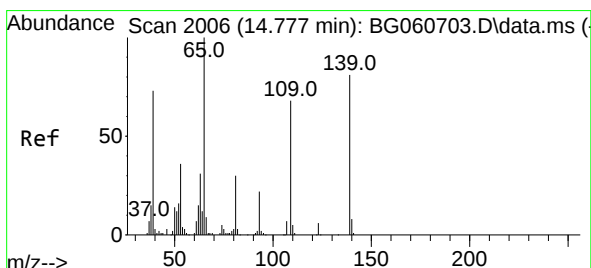
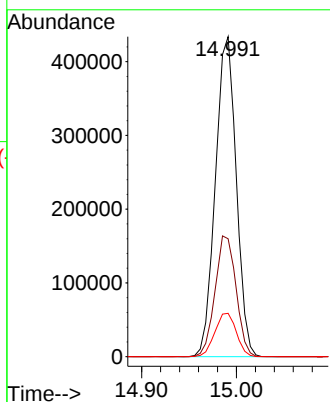
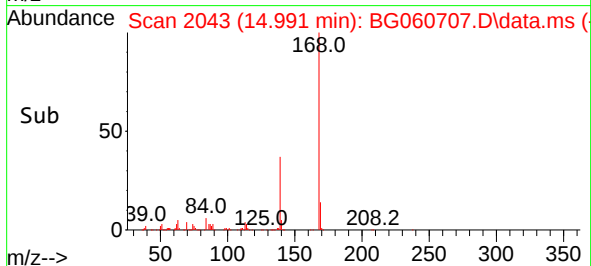
Tgt Ion:168 Resp: 66370
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.5 11.0 16.4

Manual Integrations

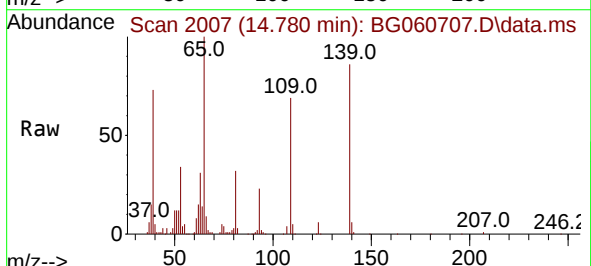
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

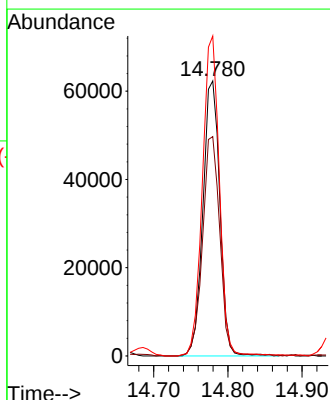
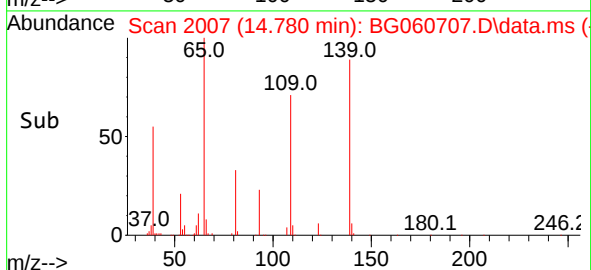
Supervised By :mohammad ahmed 04/02/2024

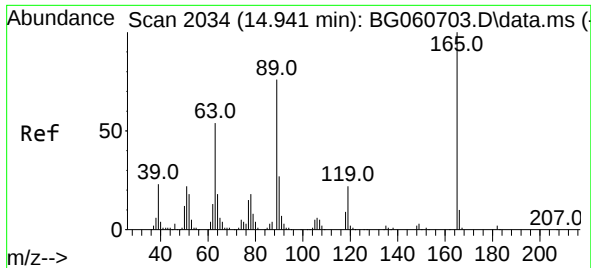


#56
4-Nitrophenol
Concen: 46.159 ng
RT: 14.780 min Scan# 2007
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:139 Resp: 98966
Ion Ratio Lower Upper
139 100
109 79.7 64.0 104.0
65 116.3 104.3 144.3





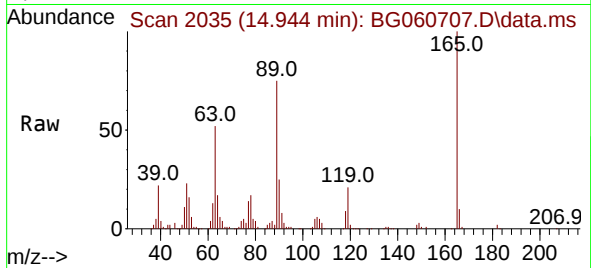
#57
2,4-Dinitrotoluene
Concen: 44.384 ng
RT: 14.944 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

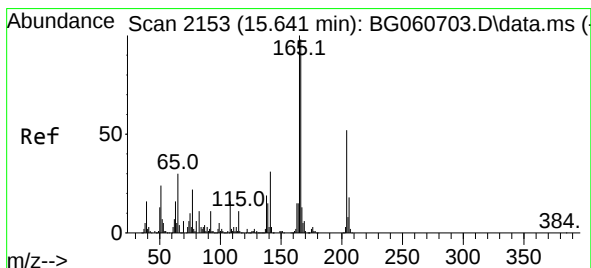
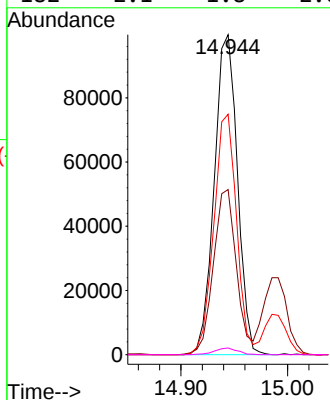
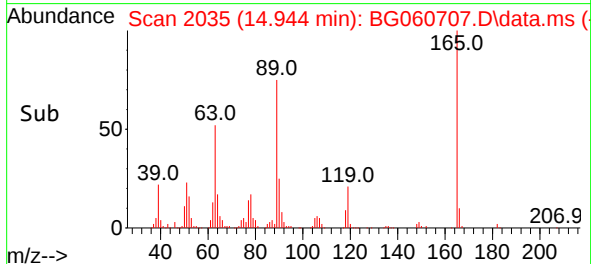


Tgt Ion:165 Resp: 150064
Ion Ratio Lower Upper
165 100
63 51.6 43.4 65.0
89 75.1 61.0 91.6
182 2.1 1.8 2.6

Manual Integrations

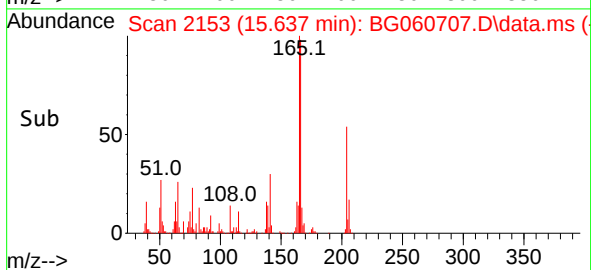
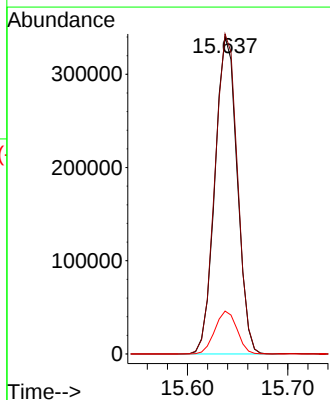
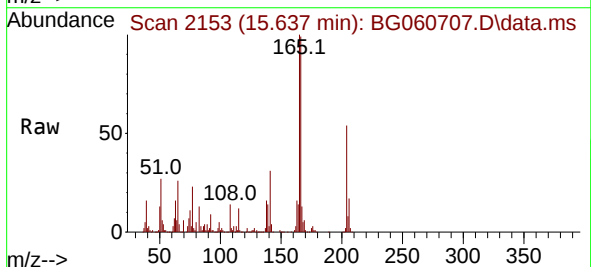
APPROVED

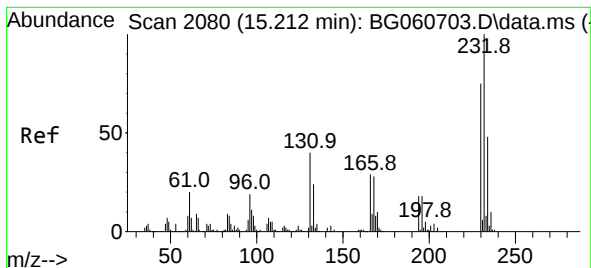
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#58
Fluorene
Concen: 39.295 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:166 Resp: 522566
Ion Ratio Lower Upper
166 100
165 100.8 81.8 122.8
167 13.5 10.9 16.3





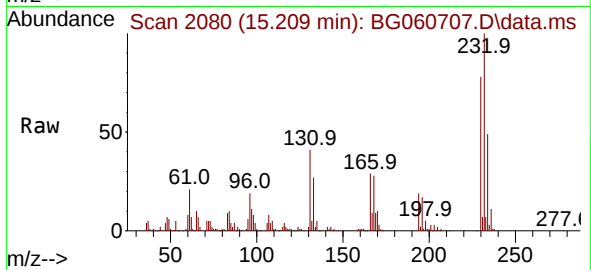
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.218 ng
RT: 15.209 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



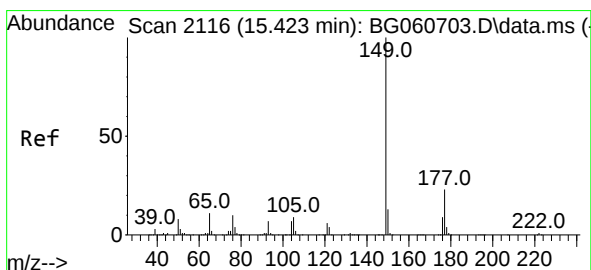
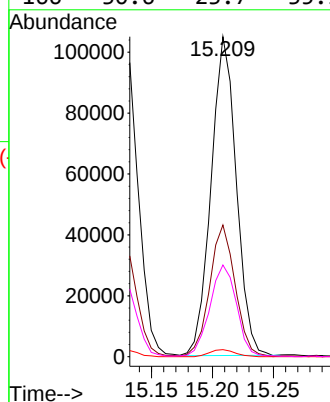
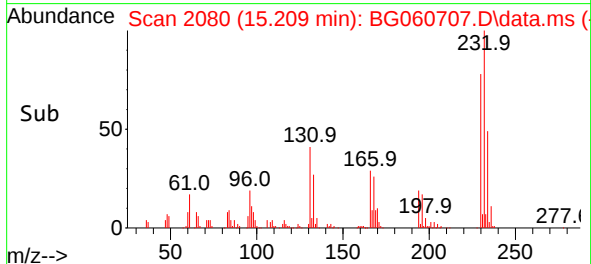
Tgt Ion:232 Resp: 15081
Ion Ratio Lower Upper
232 100
131 41.7 32.2 48.2
130 2.2 2.1 3.1
166 30.6 23.7 35.5

Manual Integrations

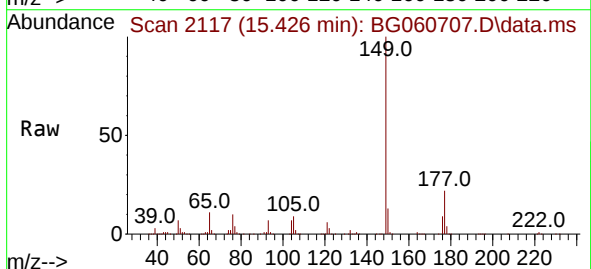
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

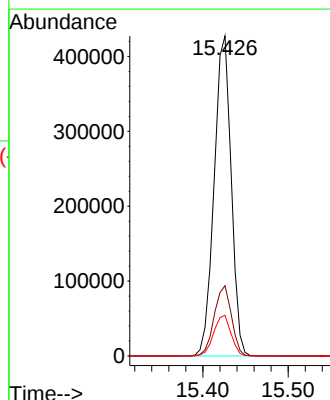
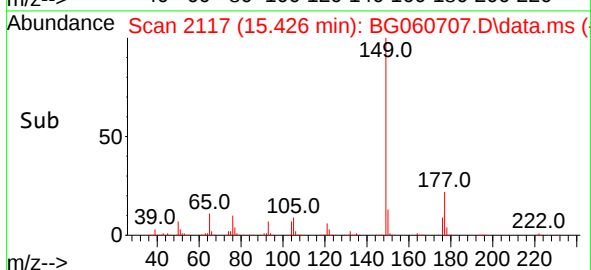
Supervised By :mohammad ahmed 04/02/2024



#60
Diethylphthalate
Concen: 40.284 ng
RT: 15.426 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:149 Resp: 594391
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.7 10.2 15.4





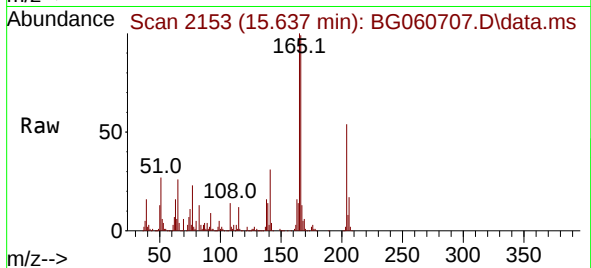
#61
4-Chlorophenyl-phenylether
Concen: 39.457 ng
RT: 15.637 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

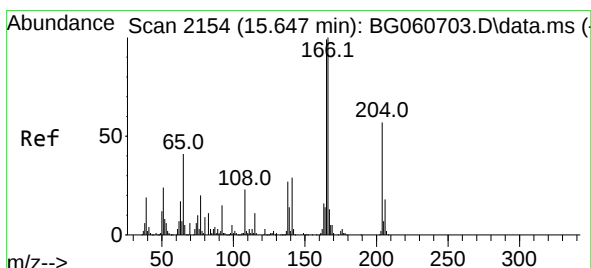
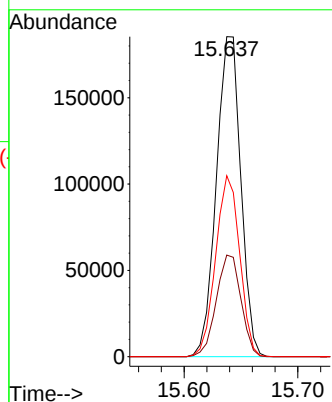
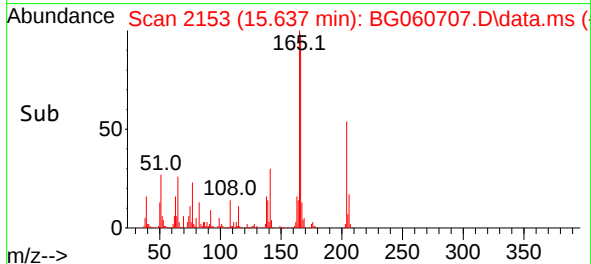


Tgt Ion:204 Resp: 277600
Ion Ratio Lower Upper
204 100
206 31.8 28.3 42.5
141 56.6 47.2 70.8

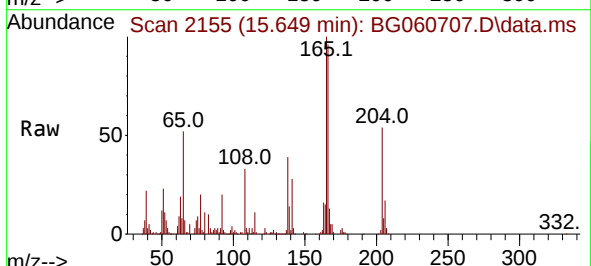
Manual Integrations

APPROVED

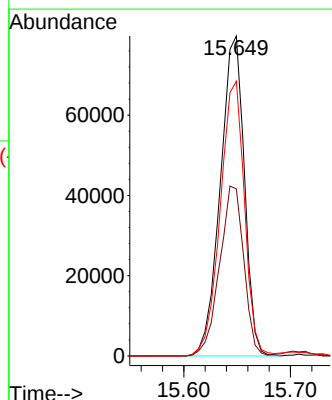
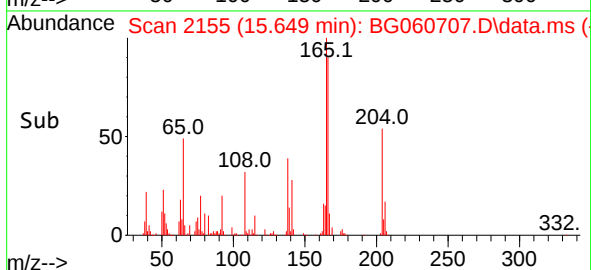
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

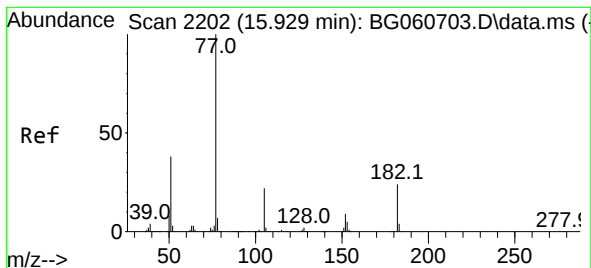


#62
4-Nitroaniline
Concen: 46.488 ng
RT: 15.649 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:138 Resp: 124655
Ion Ratio Lower Upper
138 100
92 52.2 36.8 76.8
108 85.9 66.9 106.9





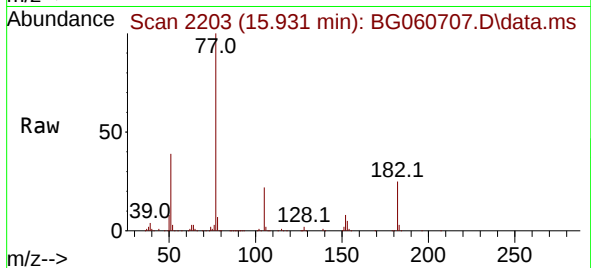
#63
Azobenzene
Concen: 39.423 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



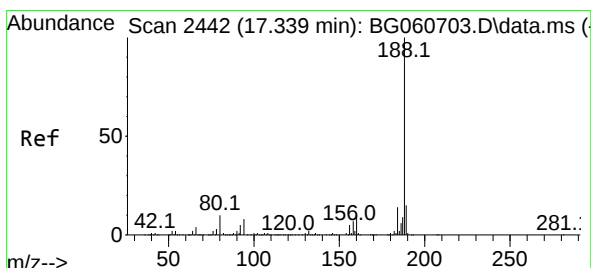
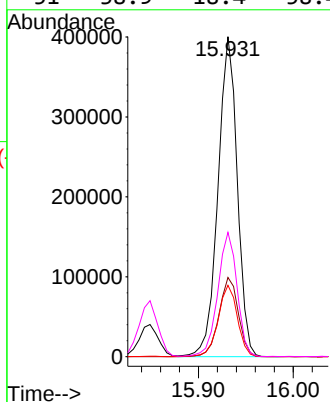
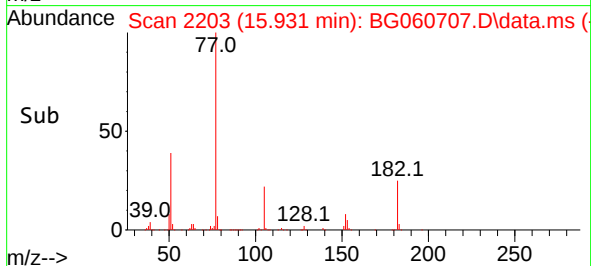
Tgt Ion: 77 Resp: 566824
Ion Ratio Lower Upper
77 100
182 24.8 3.9 43.9
105 22.3 1.7 41.7
51 38.9 18.4 58.4

Manual Integrations

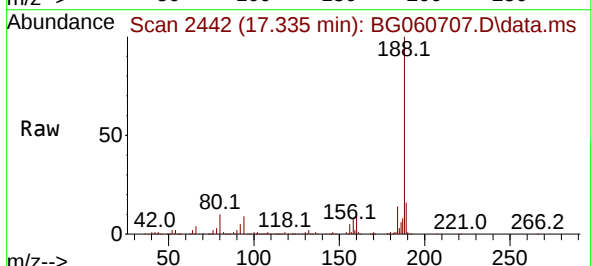
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

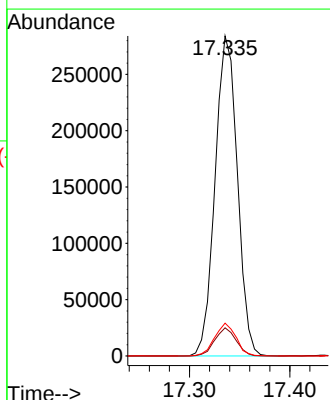
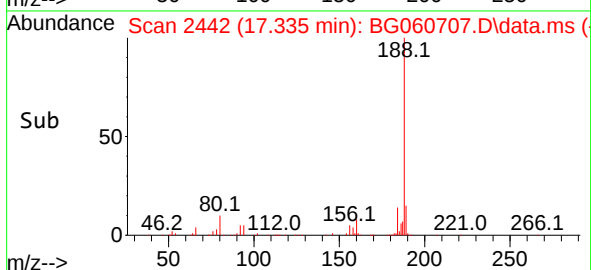
Supervised By :mohammad ahmed 04/02/2024

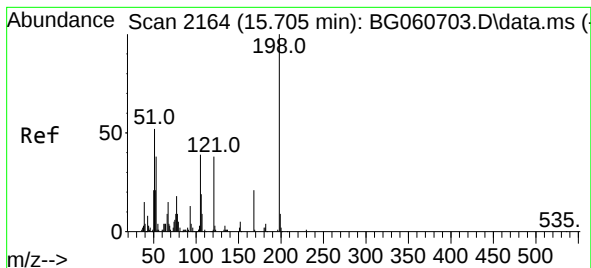


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32



Tgt Ion:188 Resp: 437819
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 10.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.553 ng
RT: 15.708 min Scan# 2165
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

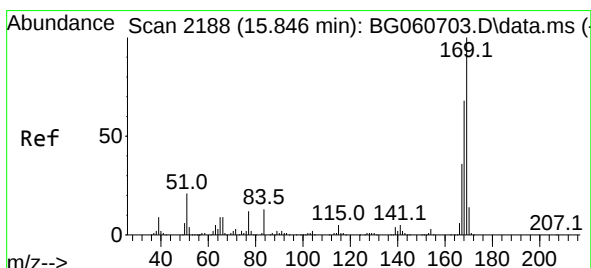
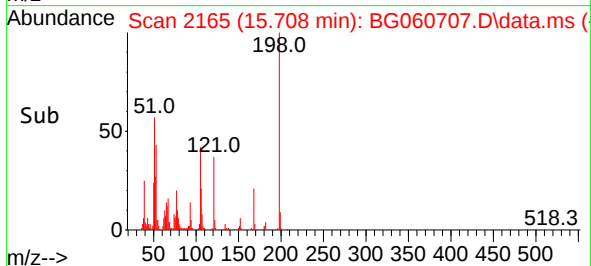
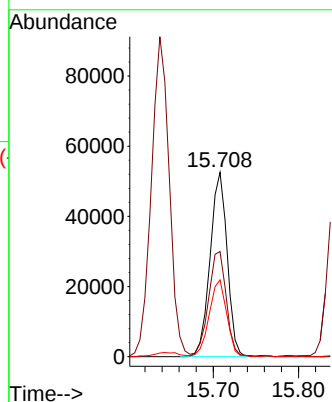
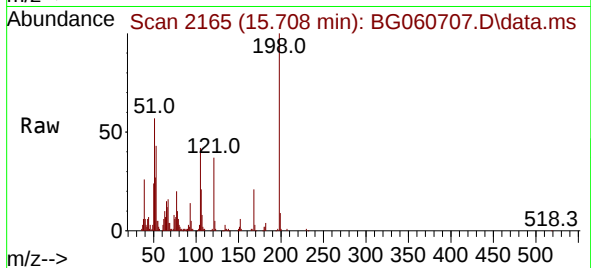
ICVBG032924

Tgt Ion:198 Resp: 73079
Ion Ratio Lower Upper
198 100
51 57.0 36.7 76.7
105 41.7 19.1 59.1

Manual Integrations

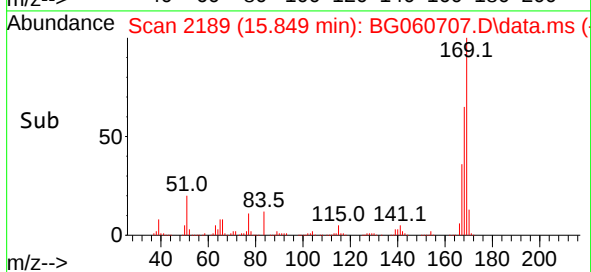
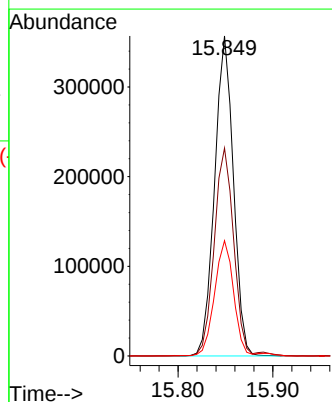
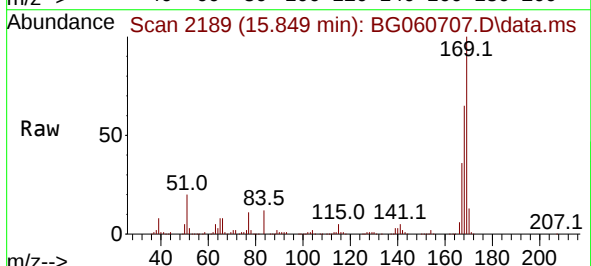
APPROVED

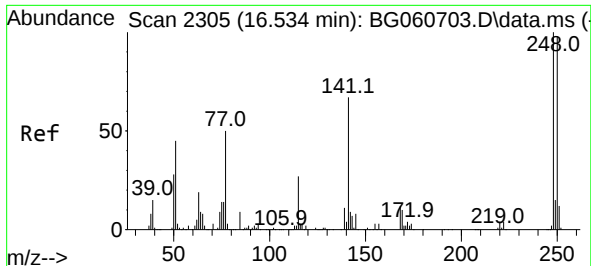
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#66
n-Nitrosodiphenylamine
Concen: 39.404 ng
RT: 15.849 min Scan# 2189
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:169 Resp: 492998
Ion Ratio Lower Upper
169 100
168 65.0 54.5 81.7
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 40.737 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

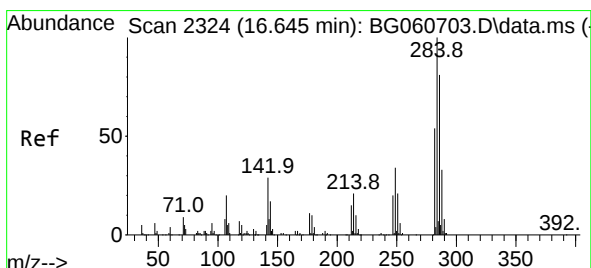
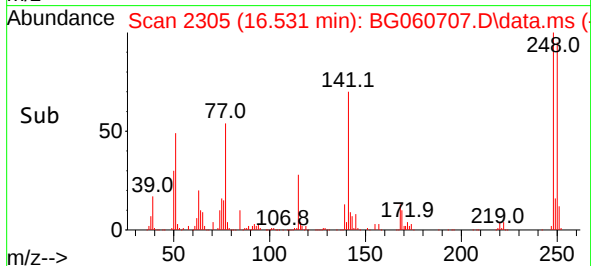
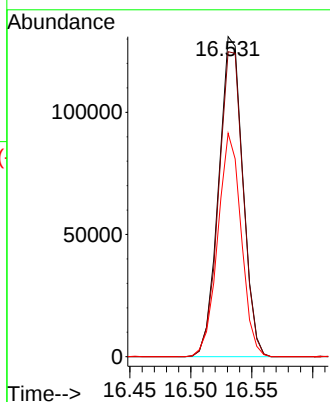
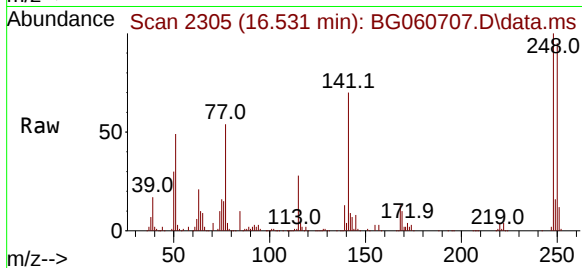
ICVBG032924

Tgt Ion:248 Resp: 181008
Ion Ratio Lower Upper
248 100
250 95.3 78.3 117.5
141 69.8 53.7 80.5

Manual Integrations

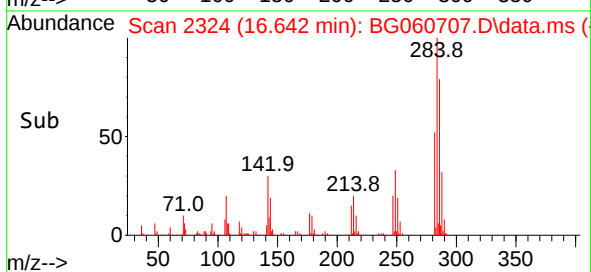
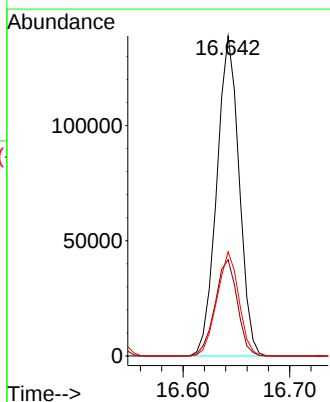
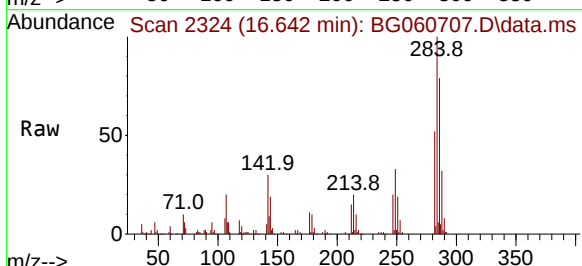
APPROVED

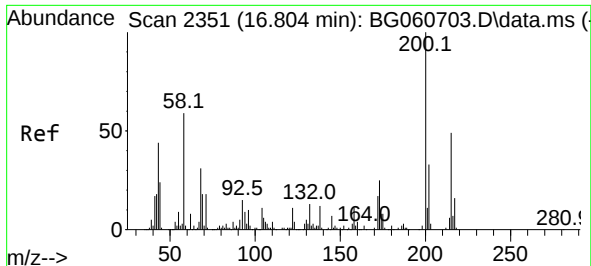
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#68
Hexachlorobenzene
Concen: 40.236 ng
RT: 16.642 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:284 Resp: 201822
Ion Ratio Lower Upper
284 100
142 30.1 22.9 34.3
249 32.6 27.1 40.7





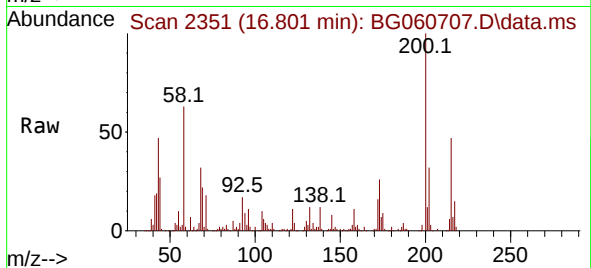
#69
 Atrazine
 Concen: 40.553 ng
 RT: 16.801 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060707.D
 Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

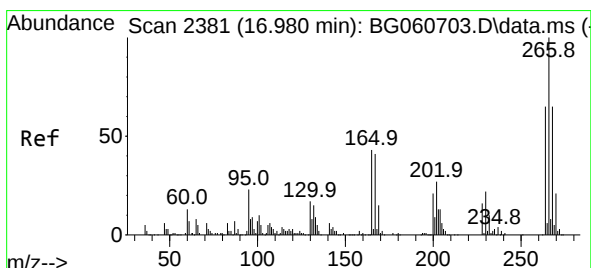
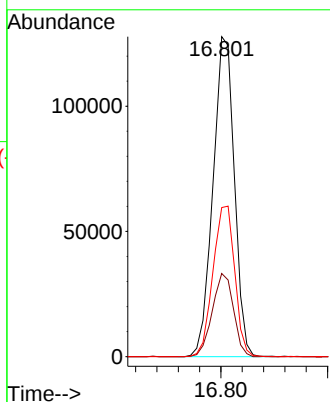
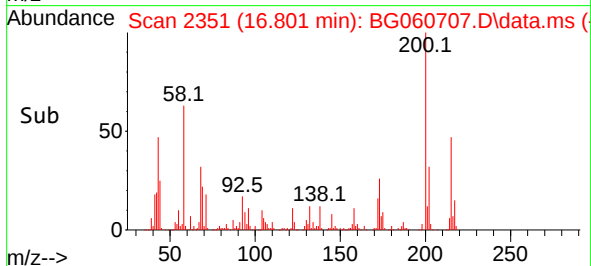


Tgt Ion:200 Resp: 177424
 Ion Ratio Lower Upper
 200 100
 173 26.0 5.2 45.2
 215 46.6 28.8 68.8

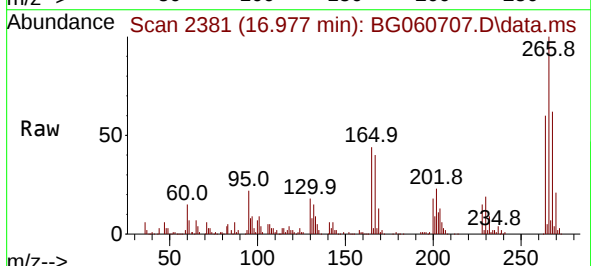
Manual Integrations

APPROVED

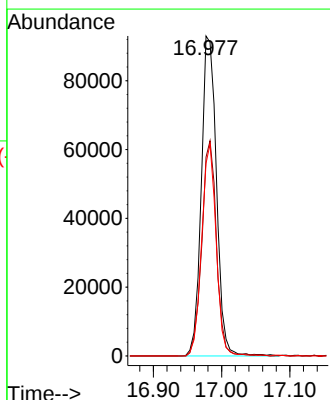
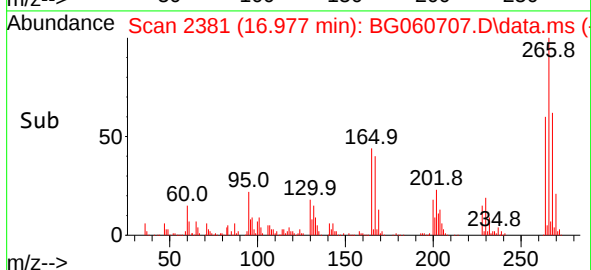
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

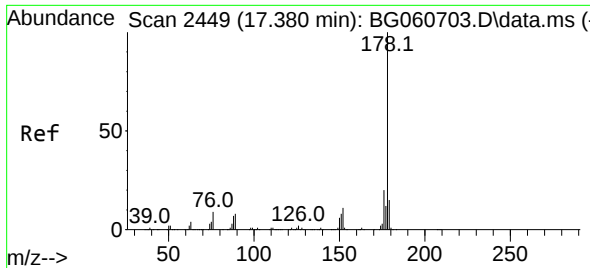


#70
 Pentachlorophenol
 Concen: 43.911 ng
 RT: 16.977 min Scan# 2381
 Delta R.T. -0.003 min
 Lab File: BG060707.D
 Acq: 29 Mar 2024 17:32



Tgt Ion:266 Resp: 143714
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.2 78.4
 264 60.2 51.8 77.6





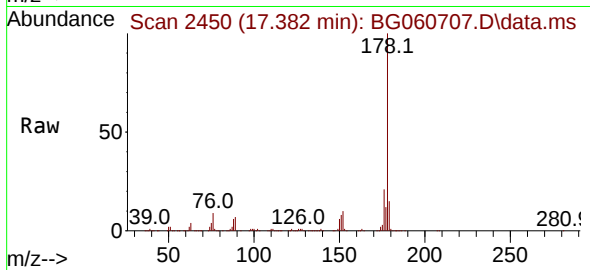
#71
Phenanthrene
Concen: 39.262 ng
RT: 17.382 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



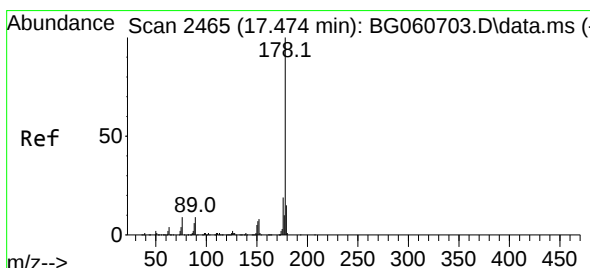
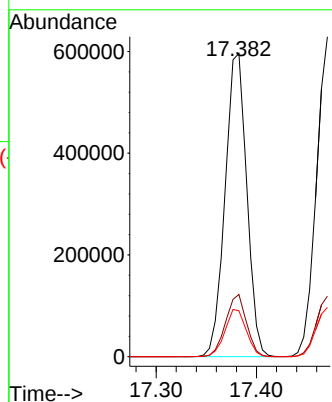
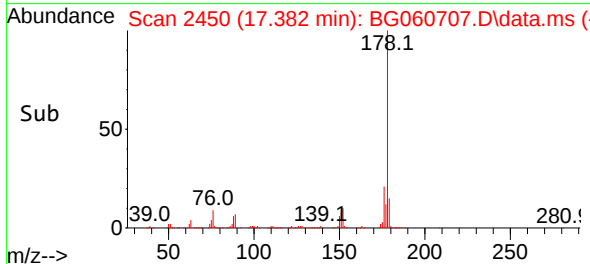
Tgt Ion:178 Resp: 894000
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 15.2 12.2 18.4

Manual Integrations

APPROVED

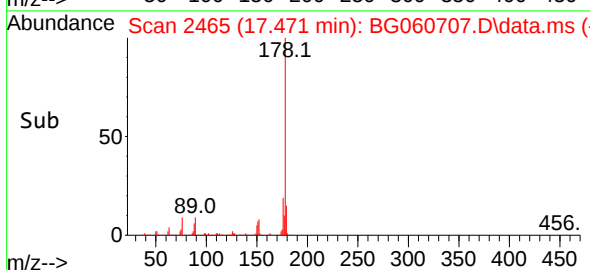
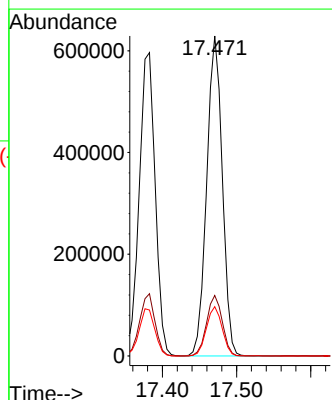
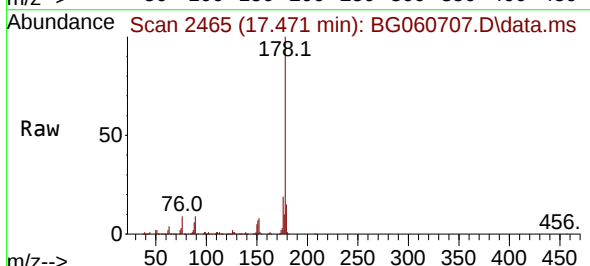
Reviewed By :Yogesh Patel 04/02/2024

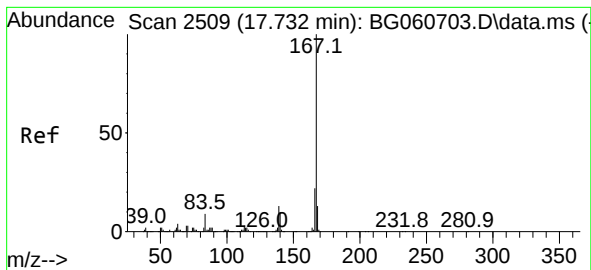
Supervised By :mohammad ahmed 04/02/2024



#72
Anthracene
Concen: 39.821 ng
RT: 17.471 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:178 Resp: 920841
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.4 12.2 18.2





#73

Carbazole

Concen: 39.106 ng

RT: 17.735 min Scan# 2510

Delta R.T. 0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Tgt Ion:167 Resp: 79732

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

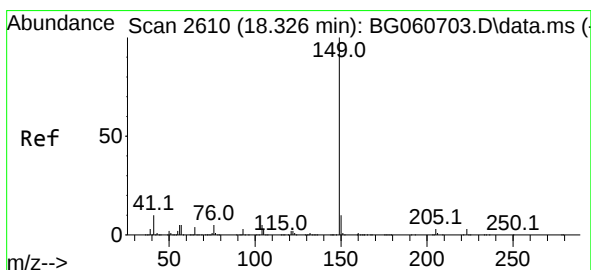
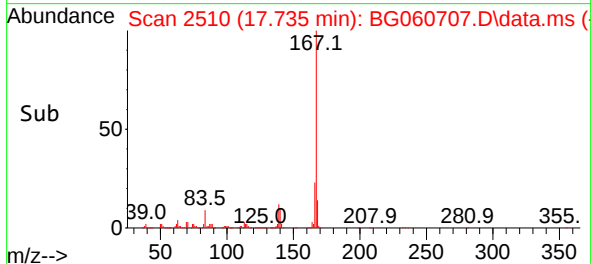
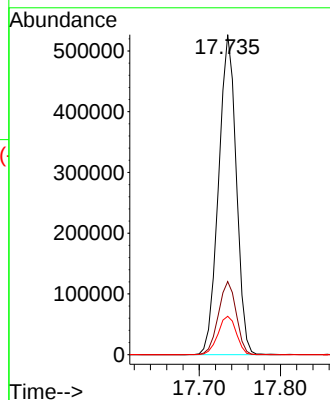
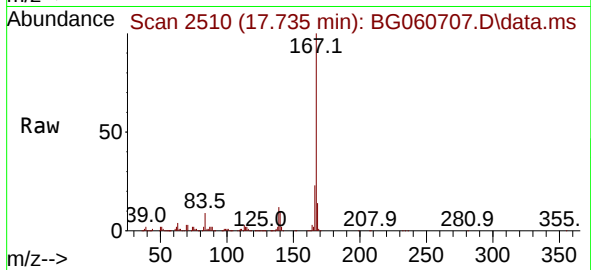
139 12.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#74

Di-n-butylphthalate

Concen: 39.404 ng

RT: 18.323 min Scan# 2610

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

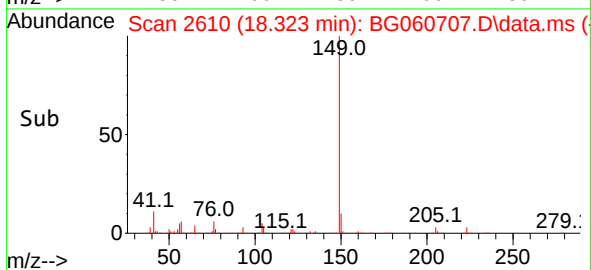
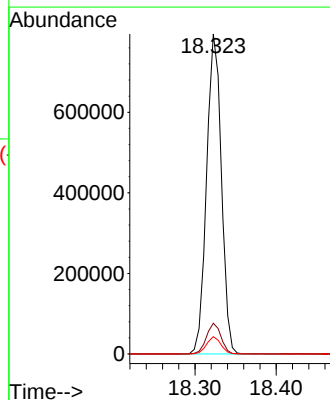
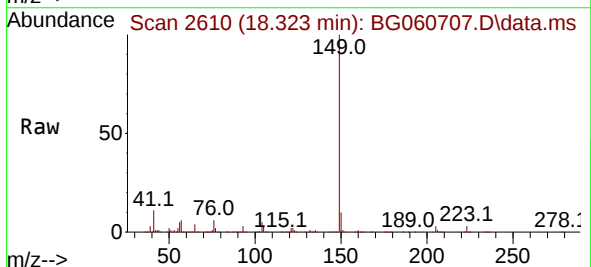
Tgt Ion:149 Resp: 1001597

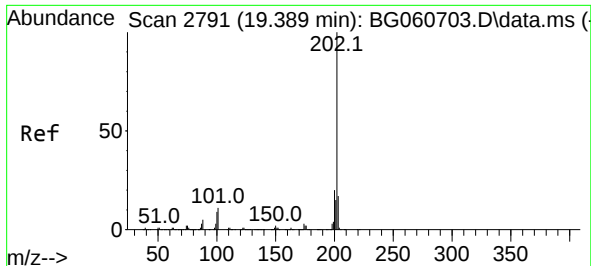
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 38.760 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

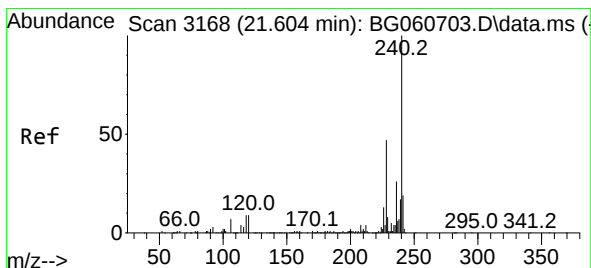
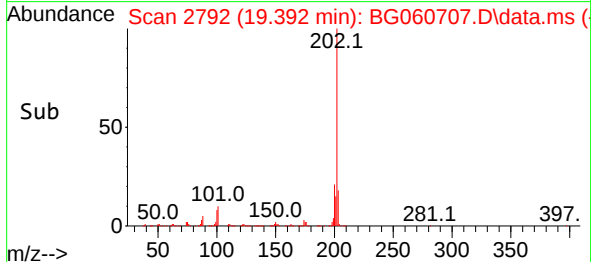
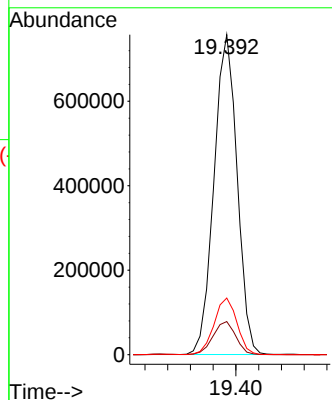
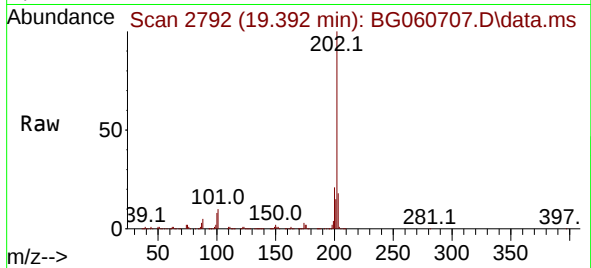
Tgt Ion:202 Resp: 1070958
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 17.7 0.0 37.4

Manual Integrations

APPROVED

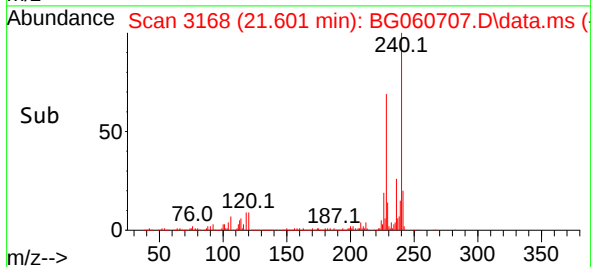
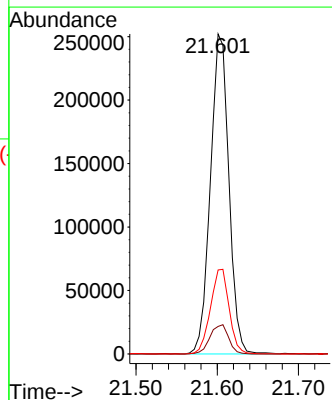
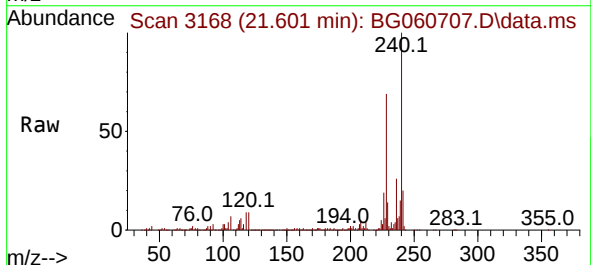
Reviewed By :Yogesh Patel 04/02/2024

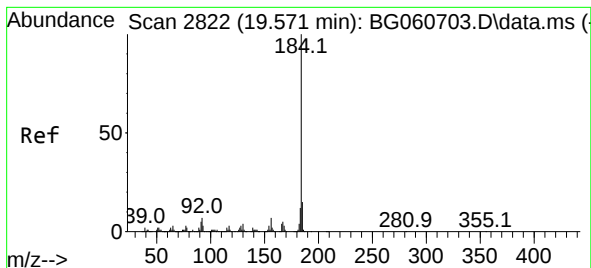
Supervised By :mohammad ahmed 04/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:240 Resp: 397699
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 26.2 20.7 31.1





#77

Benzidine

Concen: 44.454 ng

RT: 19.568 min Scan# 2822

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

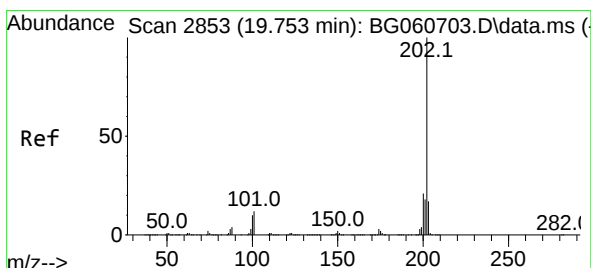
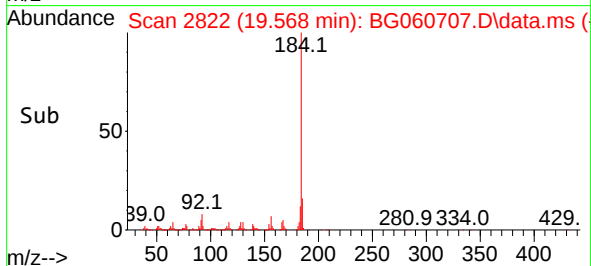
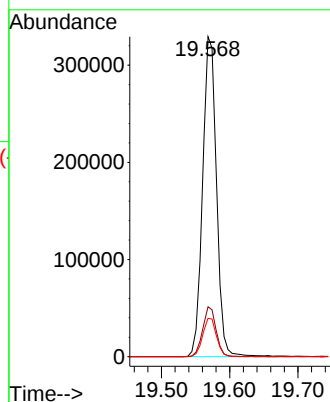
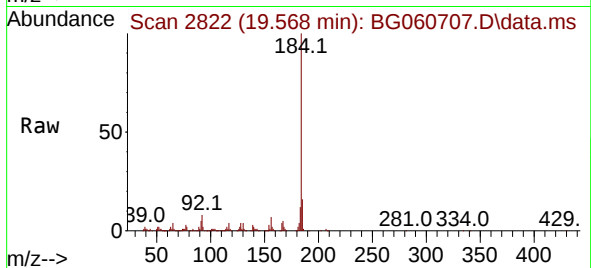
Tgt Ion:184 Resp: 465530
 Ion Ratio Lower Upper
 184 100
 185 15.6 11.8 17.6
 183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#78

Pyrene

Concen: 39.875 ng

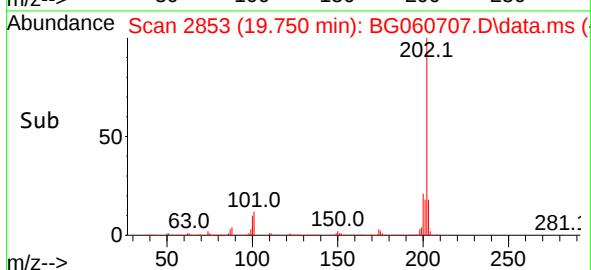
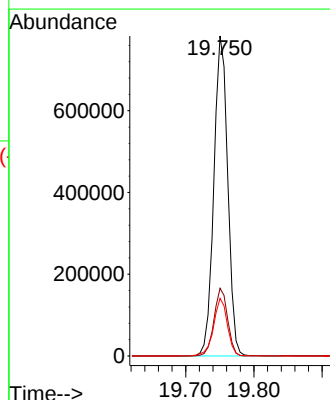
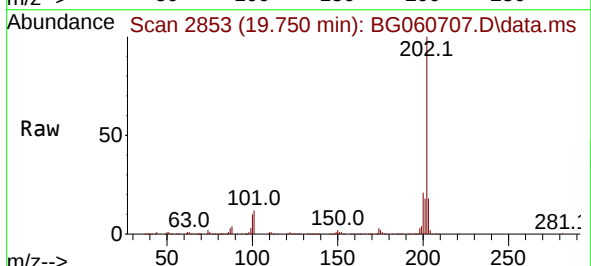
RT: 19.750 min Scan# 2853

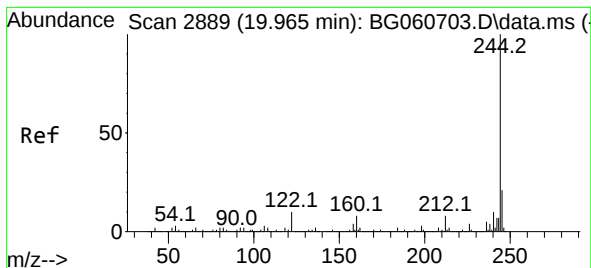
Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Tgt Ion:202 Resp: 1109097
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 18.0 14.0 21.0





#79

Terphenyl-d14

Concen: 79.074 ng

RT: 19.962 min Scan# 2889

Delta R.T. -0.003 min

Lab File: BG060707.D

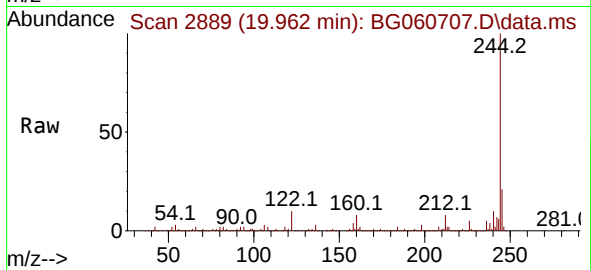
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



Tgt Ion:244 Resp: 1785949

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

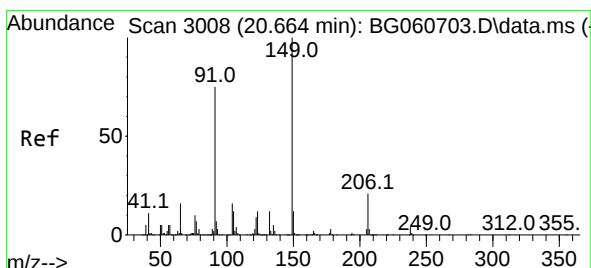
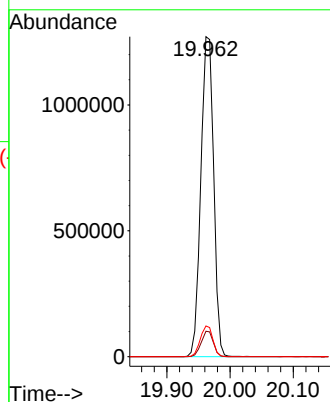
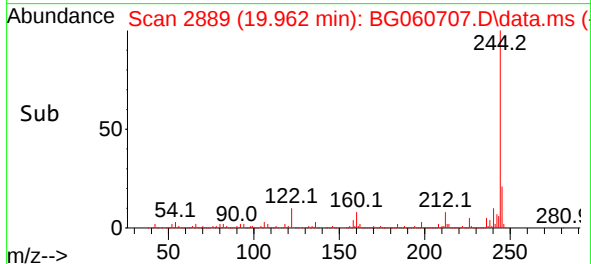
122 9.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#80

Butylbenzylphthalate

Concen: 42.295 ng

RT: 20.667 min Scan# 3009

Delta R.T. 0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

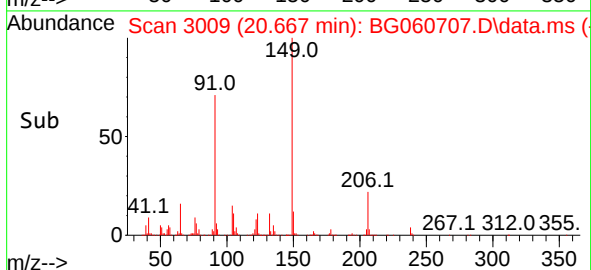
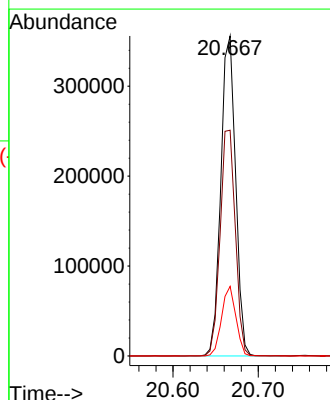
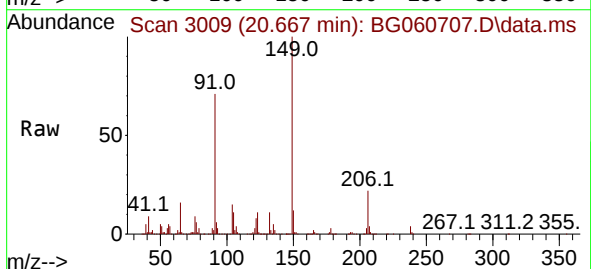
Tgt Ion:149 Resp: 429137

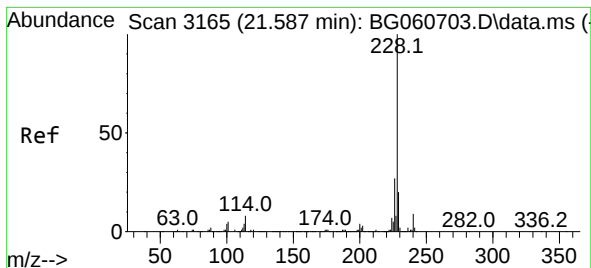
Ion Ratio Lower Upper

149 100

91 70.6 60.1 90.1

206 21.8 16.8 25.2





#81

Benzo(a)anthracene

Concen: 39.795 ng

RT: 21.583 min Scan# 3165

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Tgt Ion:228 Resp: 111560

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

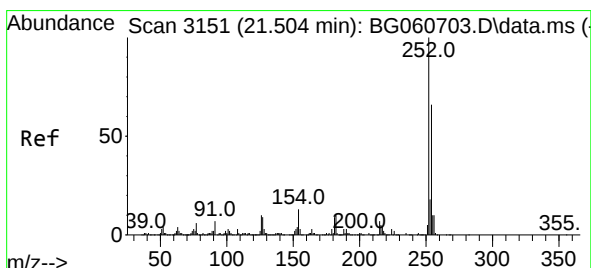
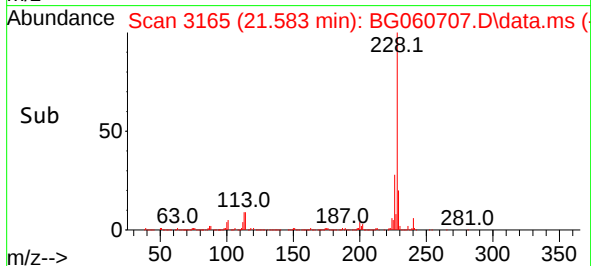
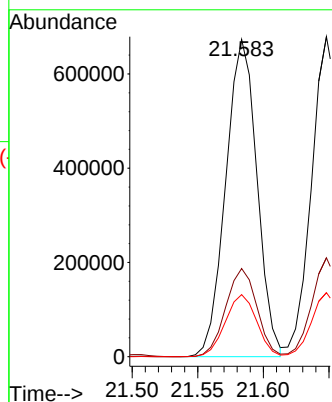
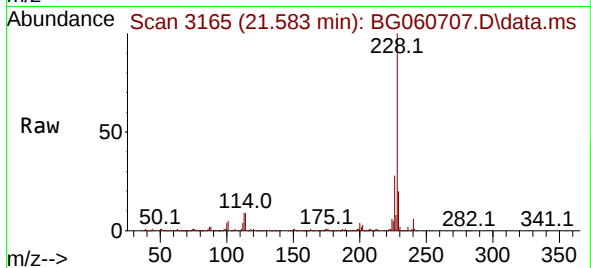
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.581 ng

RT: 21.501 min Scan# 3151

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

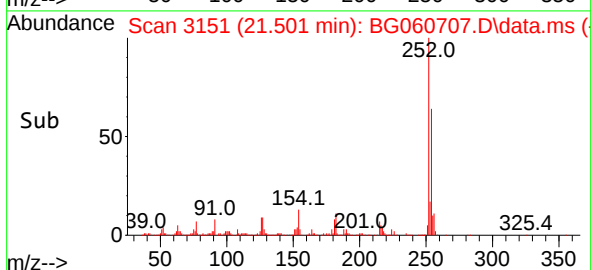
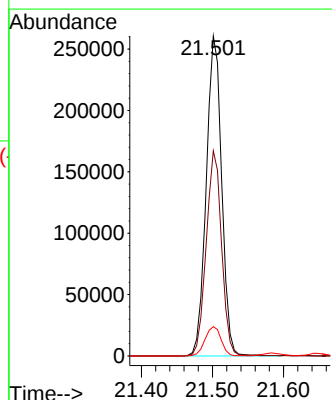
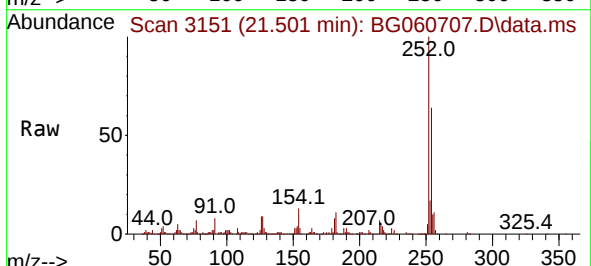
Tgt Ion:252 Resp: 393586

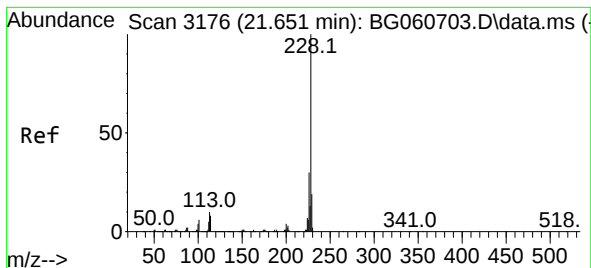
Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

126 9.1 7.8 11.8





#83

Chrysene

Concen: 39.623 ng

RT: 21.648 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Tgt Ion:228 Resp: 1070614

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

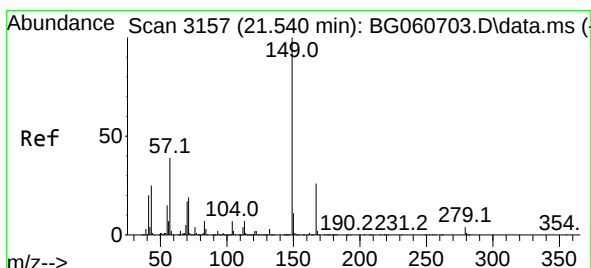
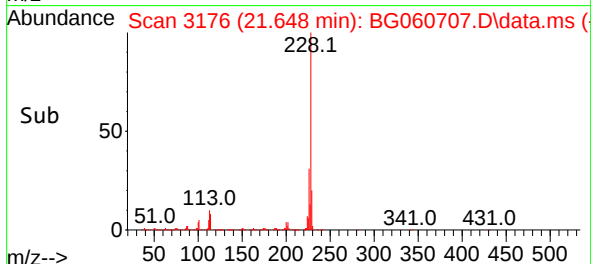
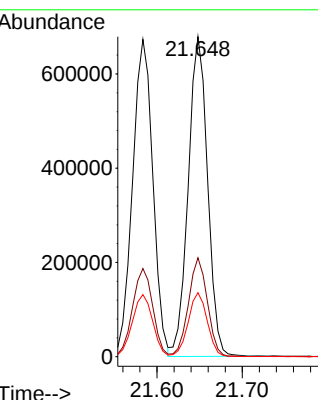
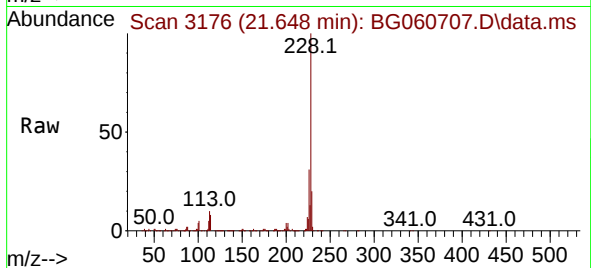
229 20.0 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.187 ng

RT: 21.536 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

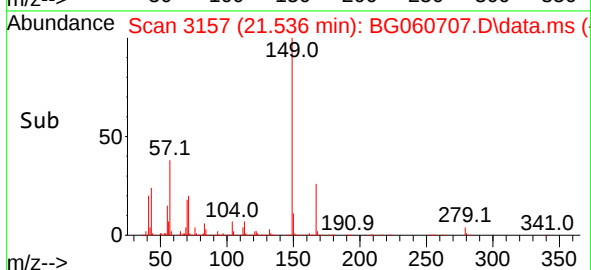
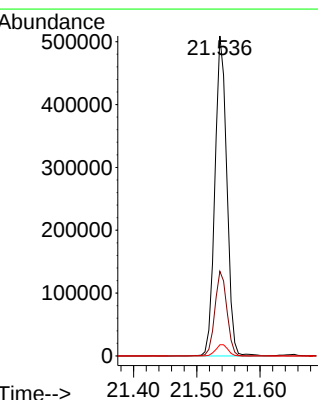
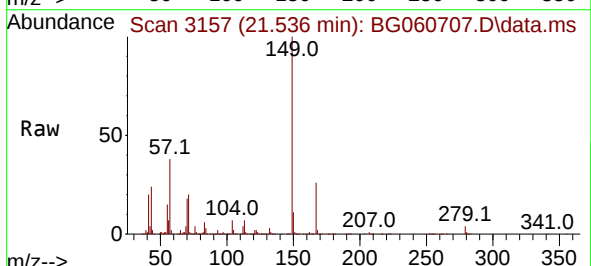
Tgt Ion:149 Resp: 666064

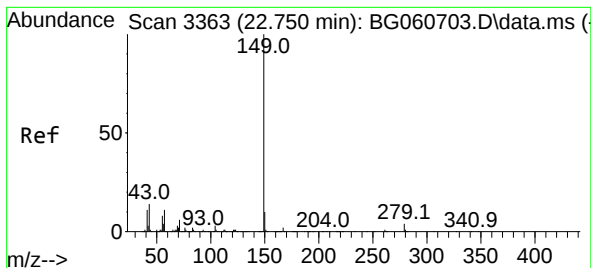
Ion Ratio Lower Upper

149 100

167 26.4 20.6 30.8

279 3.5 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 41.770 ng

RT: 22.747 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Tgt Ion:149 Resp: 110046

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

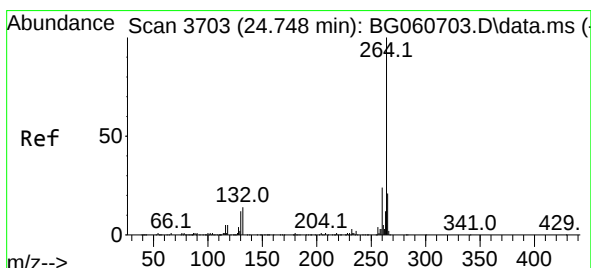
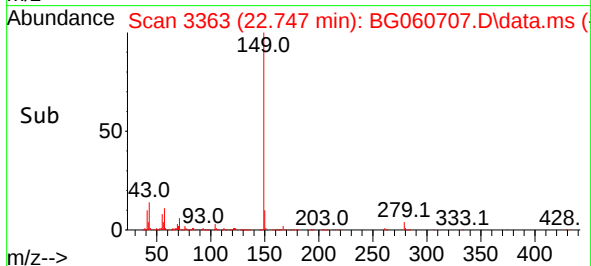
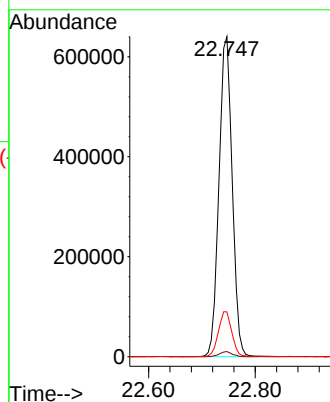
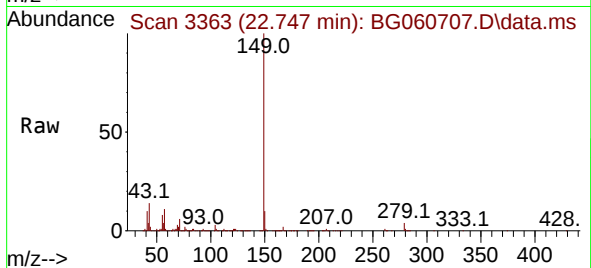
43 14.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.744 min Scan# 3703

Delta R.T. -0.003 min

Lab File: BG060707.D

Acq: 29 Mar 2024 17:32

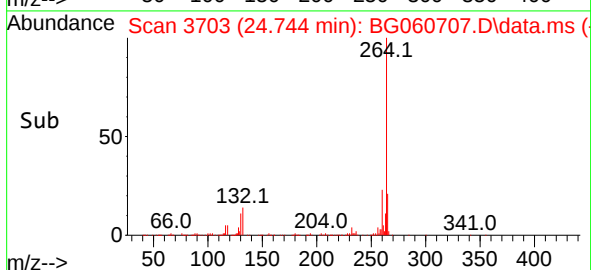
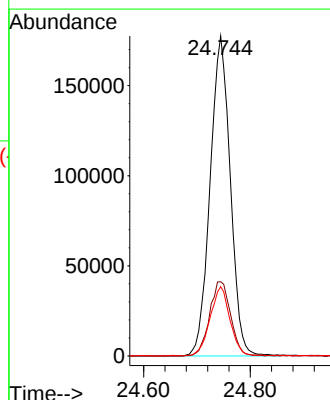
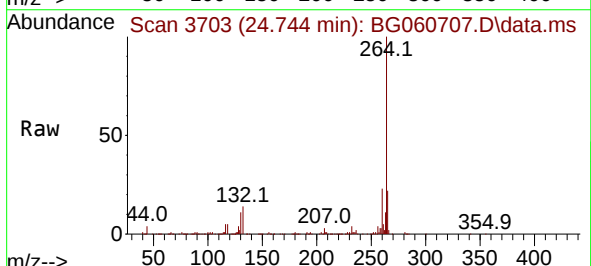
Tgt Ion:264 Resp: 466575

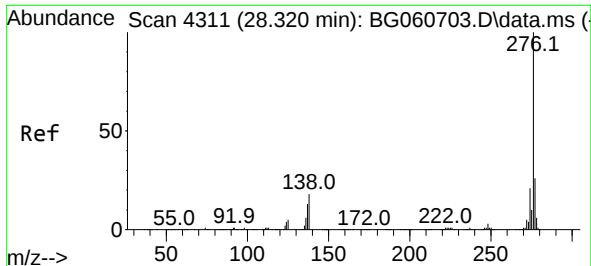
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.7 16.9 25.3





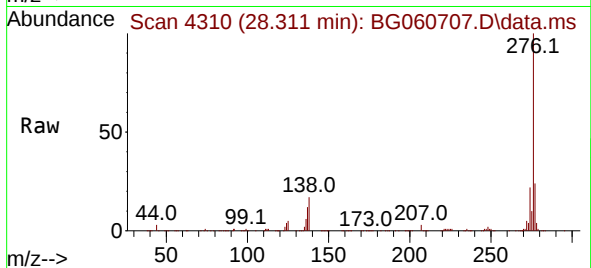
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.559 ng
RT: 28.311 min Scan# 4311
Delta R.T. -0.009 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



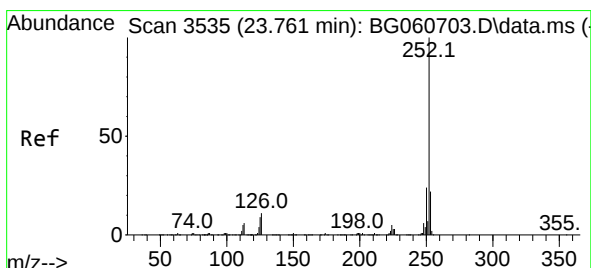
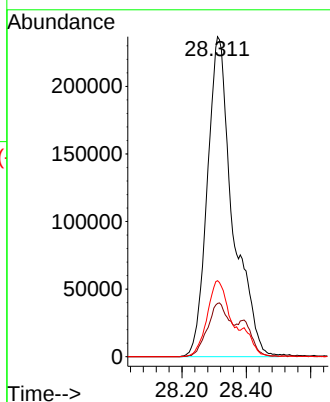
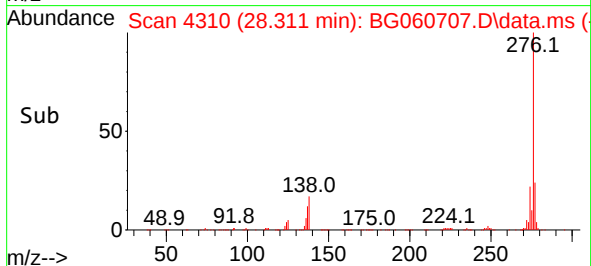
Tgt Ion:276 Resp: 129977
Ion Ratio Lower Upper
276 100
138 14.7 12.4 18.6
277 21.3 20.2 30.2

Manual Integrations

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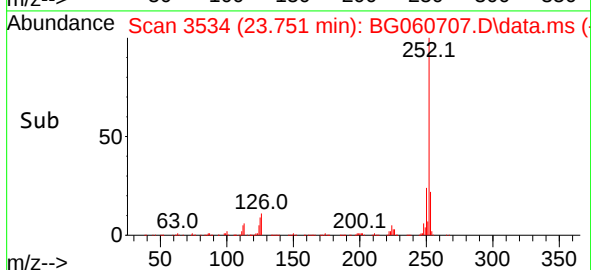
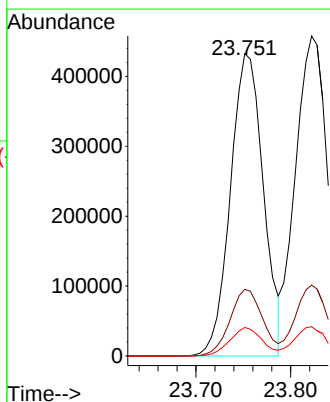
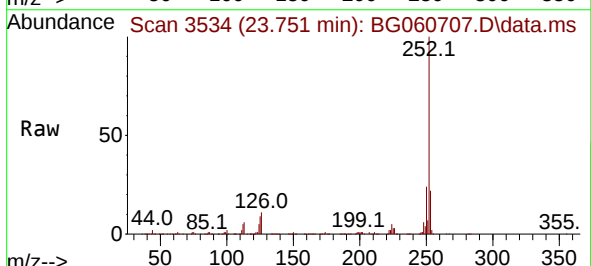
Reviewed By :Yogesh Patel 04/02/2024

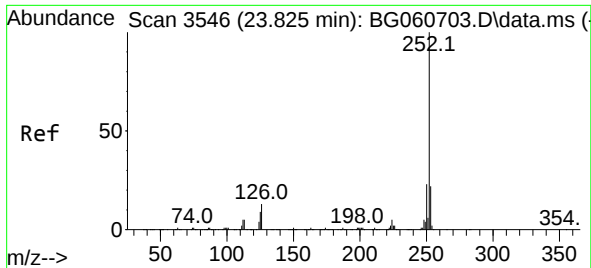
Supervised By :mohammad ahmed 04/02/2024



#88
Benzo(b)fluoranthene
Concen: 39.034 ng
RT: 23.751 min Scan# 3534
Delta R.T. -0.009 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:252 Resp: 1046297
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.4 7.1 10.7





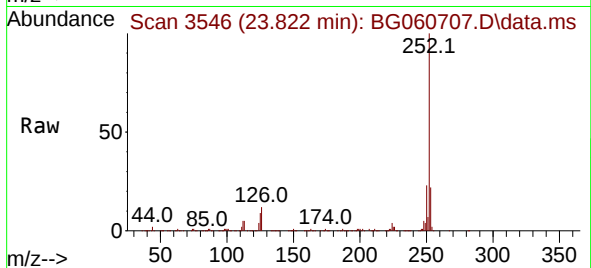
#89
Benzo(k)fluoranthene
Concen: 39.661 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

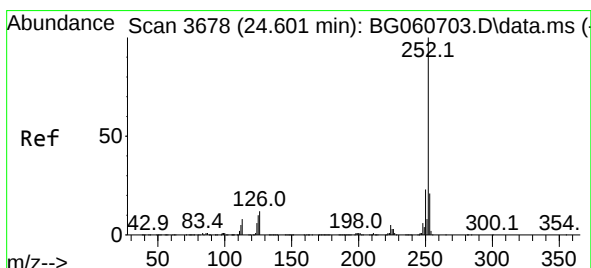
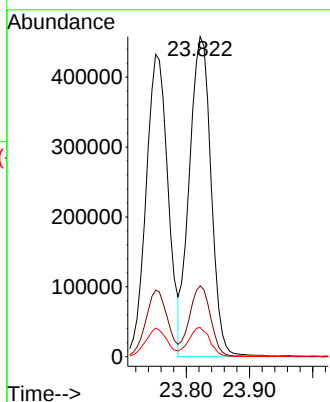
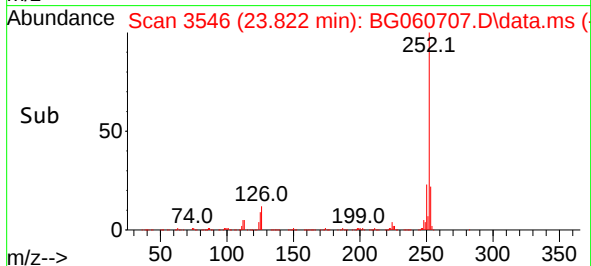


Tgt Ion:252 Resp: 1088120
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.1 7.5 11.3

Manual Integrations

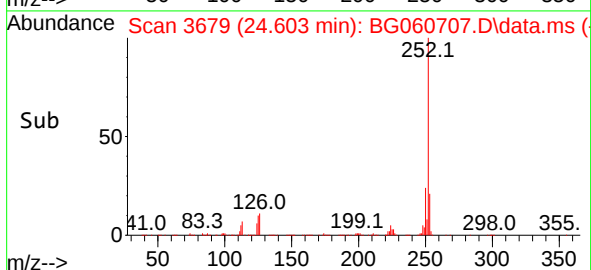
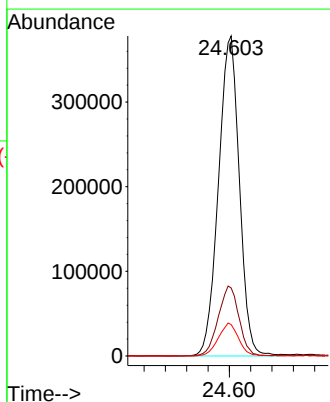
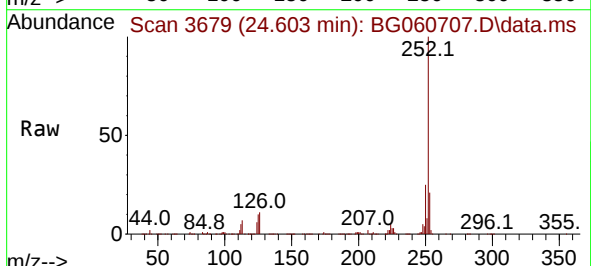
APPROVED

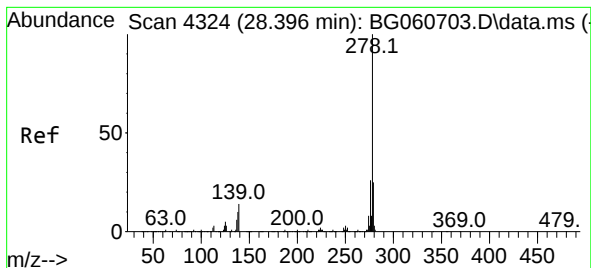
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#90
Benzo(a)pyrene
Concen: 39.448 ng
RT: 24.603 min Scan# 3679
Delta R.T. 0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:252 Resp: 1027571
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 9.8 7.6 11.4





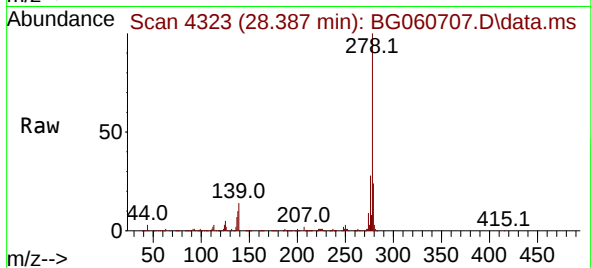
#91
Dibenzo(a,h)anthracene
Concen: 39.573 ng
RT: 28.387 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Instrument :

BNA_G

ClientSampleId :

ICVBG032924



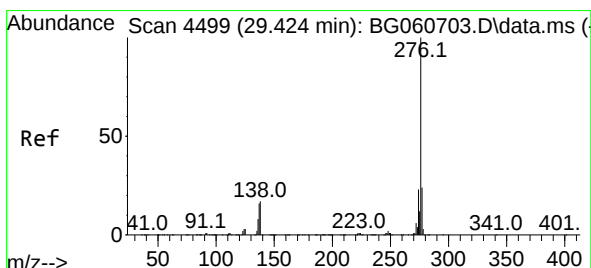
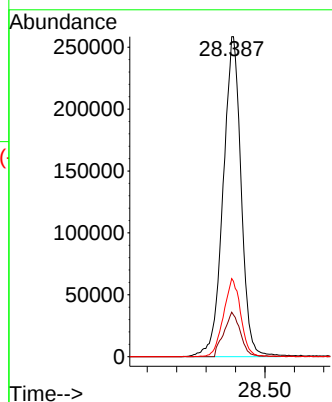
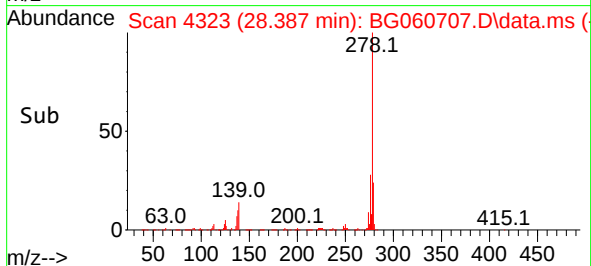
Tgt Ion:278 Resp: 109605
Ion Ratio Lower Upper
278 100
139 13.9 11.1 16.7
279 24.4 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#92
Benzo(g,h,i)perylene
Concen: 39.370 ng
RT: 29.421 min Scan# 4499
Delta R.T. -0.003 min
Lab File: BG060707.D
Acq: 29 Mar 2024 17:32

Tgt Ion:276 Resp: 1060728
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 18.4 14.0 21.0

