

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060712.D
 Acq On : 1 Apr 2024 12:30
 Operator : MA/JU
 Sample : PB159835BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159835BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 13:04:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	70788	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	319478	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	235487	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	585958	20.000	ng	0.00
76) Chrysene-d12	21.601	240	543079	20.000	ng	0.00
86) Perylene-d12	24.733	264	577027	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	640362	150.700	ng	0.00
7) Phenol-d6	7.118	99	906723	143.752	ng	0.00
23) Nitrobenzene-d5	9.116	82	494588	88.338	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	409823	153.310	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1397405	87.091	ng	0.00
79) Terphenyl-d14	19.962	244	2541688	82.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	58384	33.512	ng	94
3) Pyridine	3.846	79	152266	28.975	ng	96
4) n-Nitrosodimethylamine	3.757	42	133666	42.553	ng	97
6) Aniline	7.283	93	156532	19.652	ng	98
8) 2-Chlorophenol	7.524	128	246857	51.243	ng	96
9) Benzaldehyde	7.095	77	21121m	6.072	ng	
10) Phenol	7.148	94	342229	53.164	ng	98
11) bis(2-Chloroethyl)ether	7.383	93	236910	45.584	ng	97
12) 1,3-Dichlorobenzene	7.847	146	232787	46.467	ng	95
13) 1,4-Dichlorobenzene	7.994	146	242137	47.376	ng	98
14) 1,2-Dichlorobenzene	8.311	146	236962	47.310	ng	99
15) Benzyl Alcohol	8.193	79	247442	48.430	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.487	45	532016	45.359	ng	99
17) 2-Methylphenol	8.393	107	230495	47.431	ng	98
18) Hexachloroethane	9.045	117	81651	44.981	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	204389	42.492	ng	97
20) 3+4-Methylphenols	8.722	107	317273	47.678	ng	95
22) Acetophenone	8.781	105	397003	45.067	ng	# 97
24) Nitrobenzene	9.157	77	272963	44.042	ng	99
25) Isophorone	9.686	82	577629	44.793	ng	99
26) 2-Nitrophenol	9.868	139	87475	41.392	ng	97
27) 2,4-Dimethylphenol	9.927	122	207206	40.000	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	343656	45.139	ng	98
29) 2,4-Dichlorophenol	10.397	162	244860	51.475	ng	97
30) 1,2,4-Trichlorobenzene	10.620	180	256906	47.695	ng	97
31) Naphthalene	10.808	128	778318	45.037	ng	99
32) Benzoic acid	10.062	122	137966	41.165	ng	95
33) 4-Chloroaniline	10.908	127	147539	18.381	ng	98
34) Hexachlorobutadiene	11.102	225	160533	44.719	ng	97
35) Caprolactam	11.683	113	90231m	47.893	ng	
36) 4-Chloro-3-methylphenol	12.030	107	300057	49.378	ng	99
37) 2-Methylnaphthalene	12.418	142	549263	43.230	ng	99
38) 1-Methylnaphthalene	12.635	142	521711	43.466	ng	98
40) 1,2,4,5-Tetrachloroben...	12.782	216	318736	47.081	ng	99
41) Hexachlorocyclopentadiene	12.770	237	292948	85.100	ng	99
43) 2,4,6-Trichlorophenol	13.017	196	219053	50.250	ng	98

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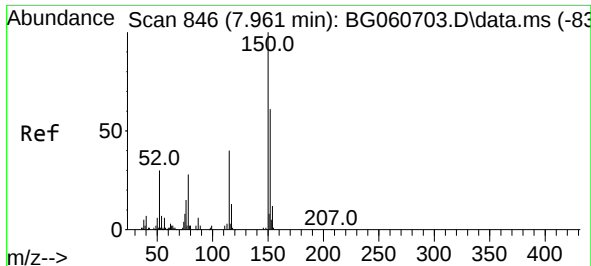
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	246659	47.413	ng	97
46) 1,1'-Biphenyl	13.428	154	772798	46.461	ng	100
47) 2-Chloronaphthalene	13.464	162	610916	48.342	ng	98
48) 2-Nitroaniline	13.658	65	192012	47.034	ng	98
49) Acenaphthylene	14.310	152	1045251	49.225	ng	100
50) Dimethylphthalate	14.051	163	873605	46.935	ng	99
51) 2,6-Dinitrotoluene	14.157	165	161287	48.368	ng	95
52) Acenaphthene	14.656	154	659834m	49.492	ng	
53) 3-Nitroaniline	14.480	138	119814	33.677	ng	96
54) 2,4-Dinitrophenol	14.692	184	147922	114.174	ng	# 89
55) Dibenzofuran	14.991	168	989148	47.036	ng	99
56) 4-Nitrophenol	14.792	139	316715	116.395	ng	92
57) 2,4-Dinitrotoluene	14.944	165	228807	52.256	ng	98
58) Fluorene	15.638	166	789234	46.762	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	228978	50.506	ng	99
60) Diethylphthalate	15.426	149	892947	47.685	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	403082	45.143	ng	96
62) 4-Nitroaniline	15.649	138	183251	53.849	ng	99
63) Azobenzene	15.931	77	868040	47.570	ng	99
65) 4,6-Dinitro-2-methylph...	15.708	198	100923	42.653	ng	93
66) n-Nitrosodiphenylamine	15.849	169	751072	44.855	ng	99
67) 4-Bromophenyl-phenylether	16.531	248	273861	46.053	ng	100
68) Hexachlorobenzene	16.642	284	318111	47.387	ng	96
69) Atrazine	16.801	200	222601	38.016	ng	98
70) Pentachlorophenol	16.983	266	407578	93.048	ng	98
71) Phenanthrene	17.377	178	1382030	45.351	ng	99
72) Anthracene	17.471	178	1380812	44.616	ng	99
73) Carbazole	17.735	167	1268350	46.482	ng	99
74) Di-n-butylphthalate	18.323	149	1538708	45.230	ng	100
75) Fluoranthene	19.392	202	1641363	44.386	ng	99
77) Benzidine	19.568	184	337752	23.618	ng	99
78) Pyrene	19.750	202	1704214	44.869	ng	99
80) Butylbenzylphthalate	20.661	149	654346	47.227	ng	99
81) Benzo(a)anthracene	21.584	228	1753844	45.815	ng	99
82) 3,3'-Dichlorobenzidine	21.495	252	502459	38.872	ng	98
83) Chrysene	21.648	228	1667518	45.193	ng	99
84) Bis(2-ethylhexyl)phtha...	21.537	149	1019721	46.176	ng	99
85) Di-n-octyl phthalate	22.735	149	1691913	47.029	ng	99
87) Indeno(1,2,3-cd)pyrene	28.305	276	2105853	51.824	ng	93
88) Benzo(b)fluoranthene	23.752	252	1720486	51.900	ng	99
89) Benzo(k)fluoranthene	23.822	252	1736479	51.178	ng	100
90) Benzo(a)pyrene	24.598	252	1574847	48.885	ng	97
91) Dibenzo(a,h)anthracene	28.381	278	1781455	52.008	ng	98
92) Benzo(g,h,i)perylene	29.421	276	1671082	50.151	ng	100

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



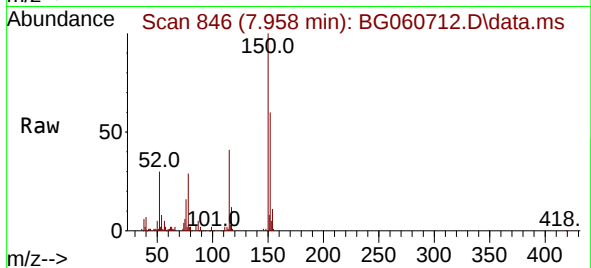
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

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PB159835BS

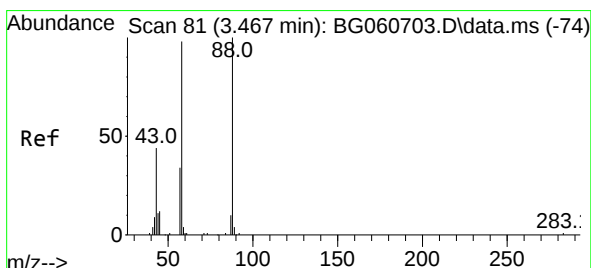
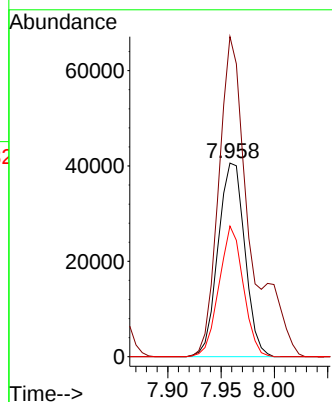
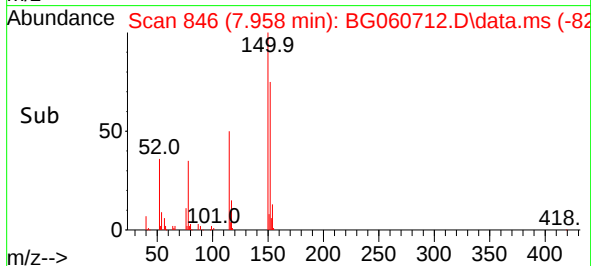


Tgt Ion:152 Resp: 7078
Ion Ratio Lower Upper
152 100
150 165.3 130.2 195.4
115 67.5 51.6 77.4

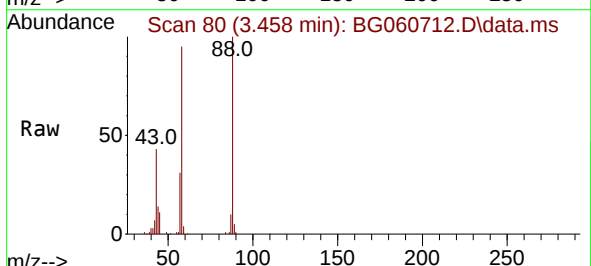
Manual Integrations

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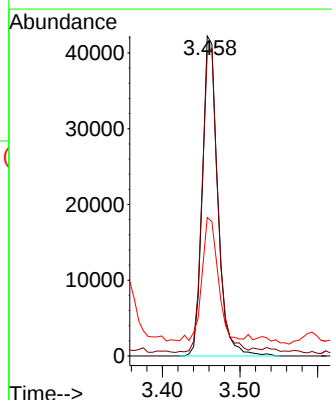
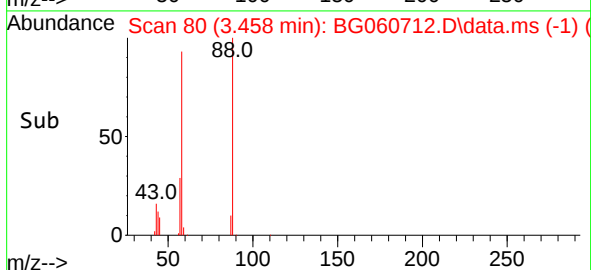
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

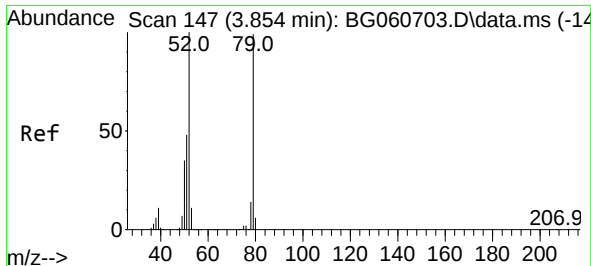


#2
1,4-Dioxane
Concen: 33.512 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



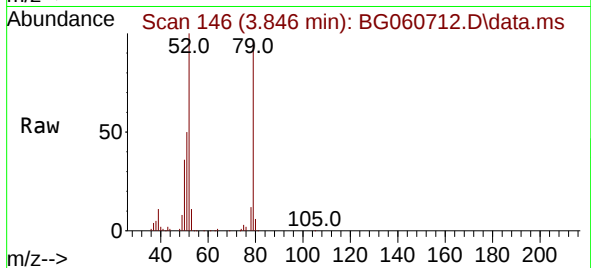
Tgt Ion: 88 Resp: 58384
Ion Ratio Lower Upper
88 100
58 96.1 80.9 121.3
43 39.2 35.4 53.0





#3
Pyridine
Concen: 28.975 ng
RT: 3.846 min Scan# 147
Delta R.T. -0.009 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

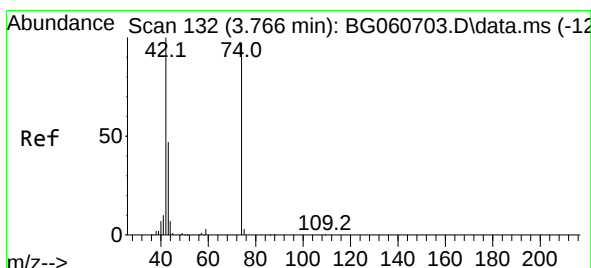
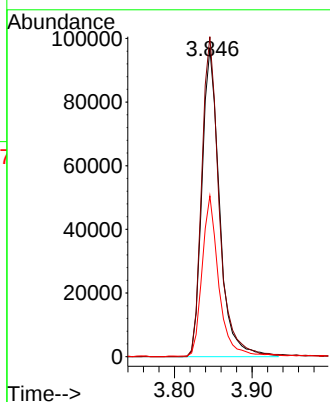
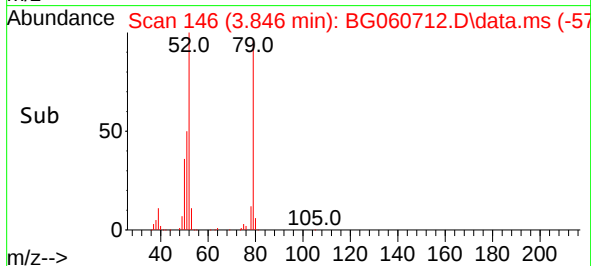
Instrument :
BNA_G
ClientSampleId :
PB159835BS



Tgt Ion: 79 Resp: 152260
Ion Ratio Lower Upper
79 100
52 103.9 80.6 120.8
51 52.2 39.1 58.7

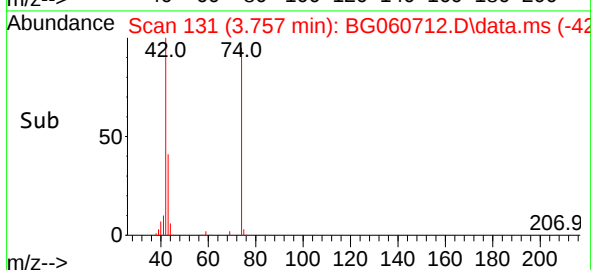
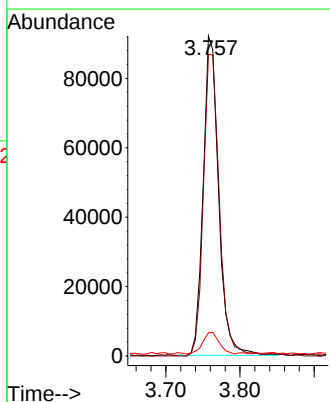
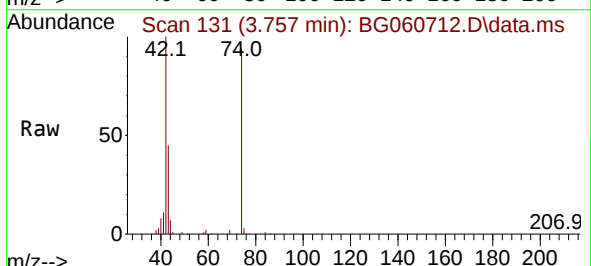
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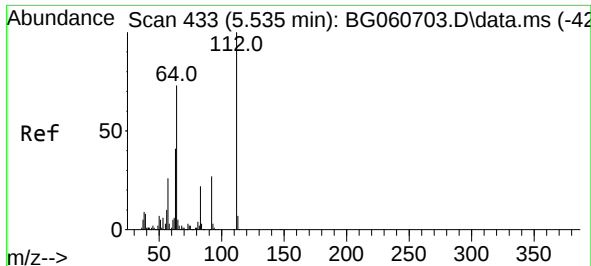
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#4
n-Nitrosodimethylamine
Concen: 42.553 ng
RT: 3.757 min Scan# 131
Delta R.T. -0.009 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion: 42 Resp: 133666
Ion Ratio Lower Upper
42 100
74 94.3 77.8 116.8
44 7.3 6.8 10.2





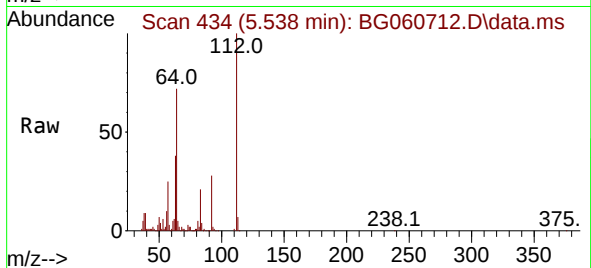
#5
2-Fluorophenol
Concen: 150.700 ng
RT: 5.538 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



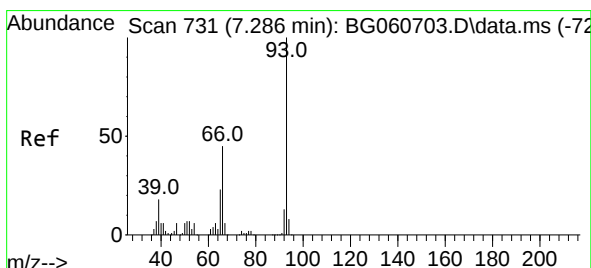
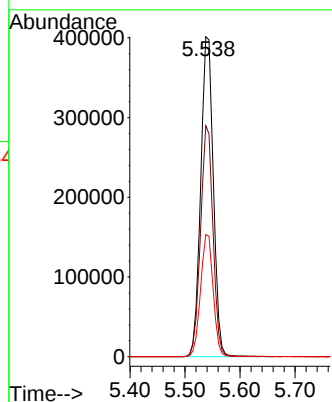
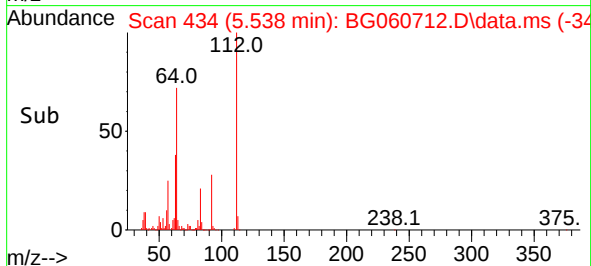
Tgt Ion:112 Resp: 640362
Ion Ratio Lower Upper
112 100
64 72.2 58.4 87.6
63 38.1 32.7 49.1

Manual Integrations

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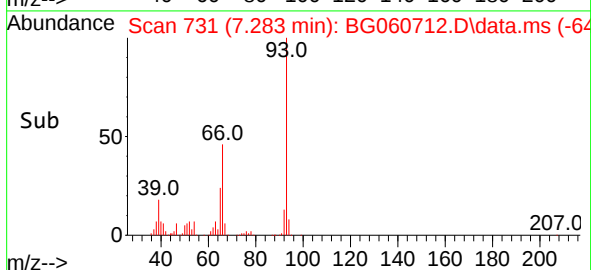
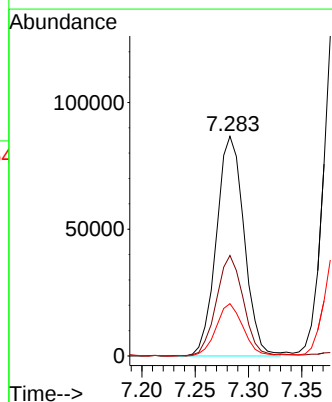
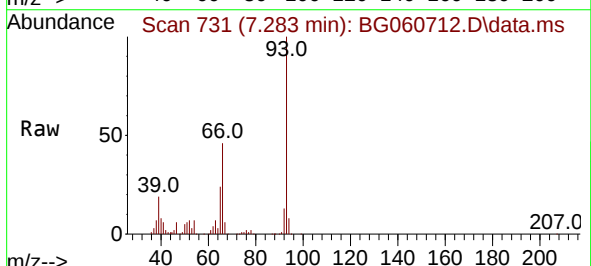
Reviewed By :Yogesh Patel 04/02/2024

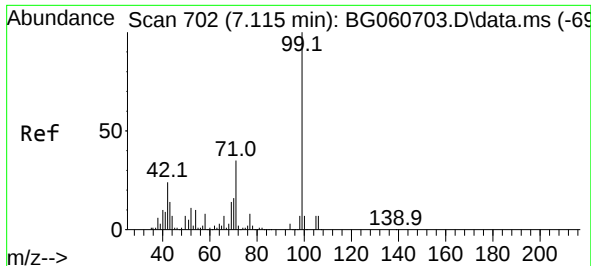
Supervised By :mohammad ahmed 04/02/2024



#6
Aniline
Concen: 19.652 ng
RT: 7.283 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

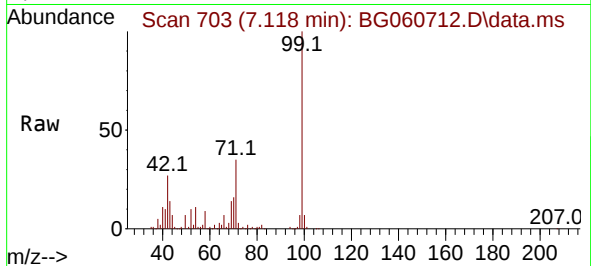
Tgt Ion: 93 Resp: 156532
Ion Ratio Lower Upper
93 100
66 45.8 36.1 54.1
65 23.8 18.1 27.1





#7
Phenol-d6
Concen: 143.752 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

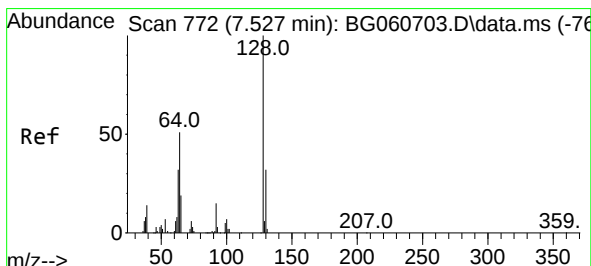
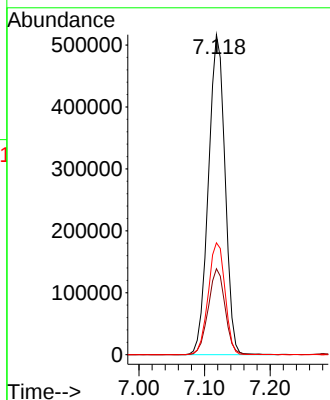
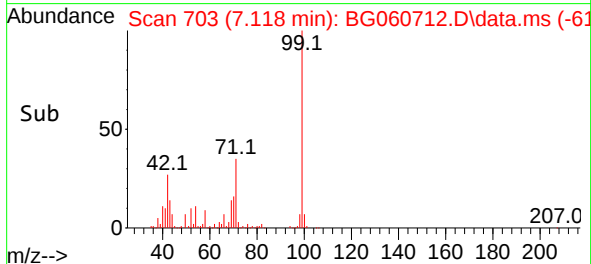
Instrument :
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Tgt Ion: 99 Resp: 90672
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 35.0 28.2 42.2

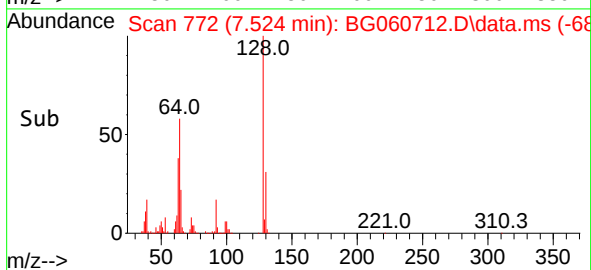
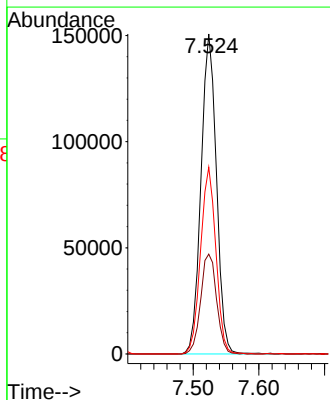
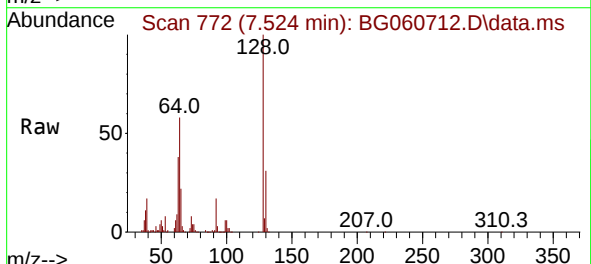
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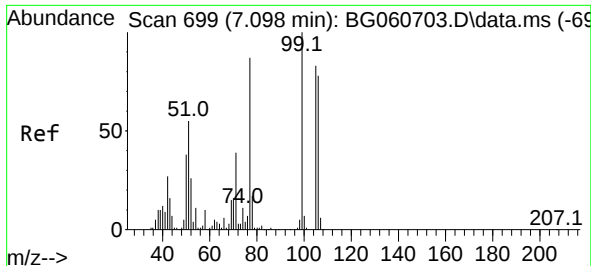
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#8
2-Chlorophenol
Concen: 51.243 ng
RT: 7.524 min Scan# 772
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:128 Resp: 246857
Ion Ratio Lower Upper
128 100
130 31.2 12.3 52.3
64 58.3 35.0 75.0





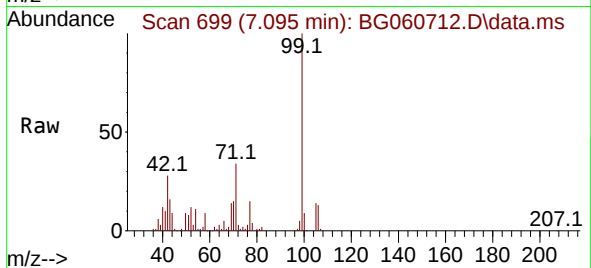
#9
Benzaldehyde
Concen: 6.072 ng m
RT: 7.095 min Scan# 69
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

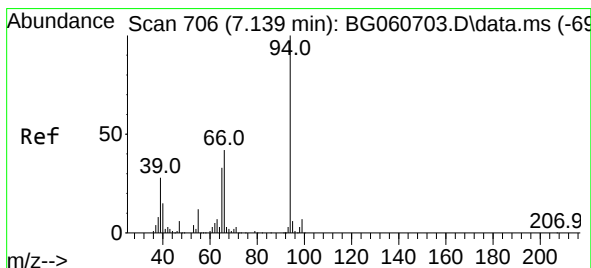
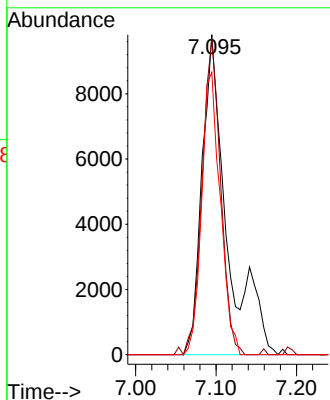
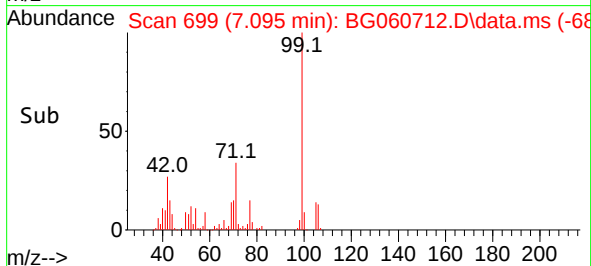
PB159835BS



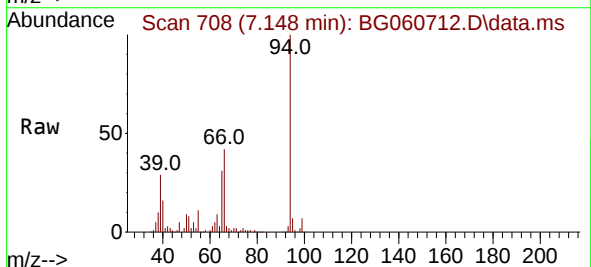
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Ion Ratio Lower Upper
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105 98.6 76.0 116.0
106 88.3 70.3 110.3

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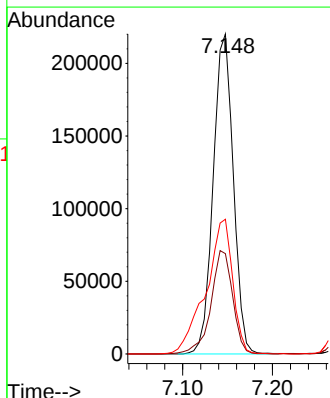
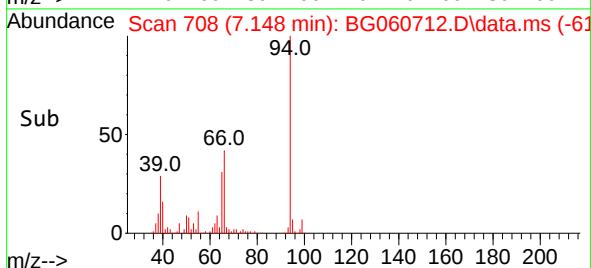
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#10
Phenol
Concen: 53.164 ng
RT: 7.148 min Scan# 708
Delta R.T. 0.009 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion: 94 Resp: 342229
Ion Ratio Lower Upper
94 100
65 31.4 13.3 53.3
66 42.1 22.9 62.9





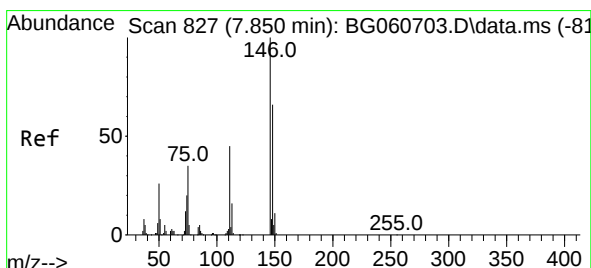
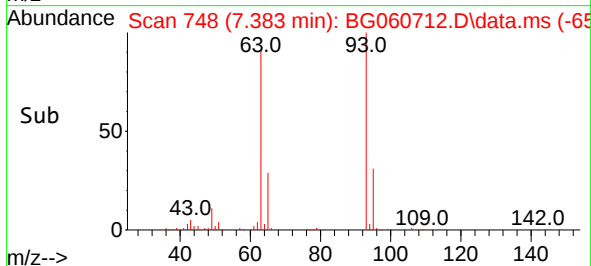
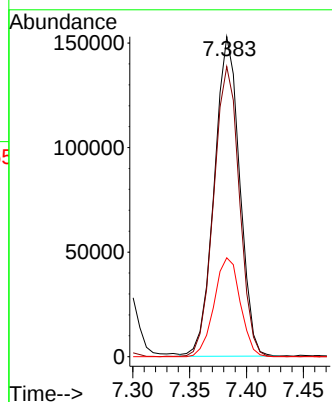
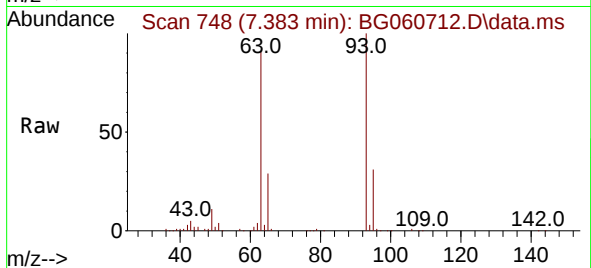
#11
bis(2-Chloroethyl)ether
Concen: 45.584 ng
RT: 7.383 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :
BNA_G
ClientSampleId :
PB159835BS

Tgt Ion: 93 Resp: 236910
Ion Ratio Lower Upper
93 100
63 90.6 73.7 113.7
95 30.9 11.2 51.2

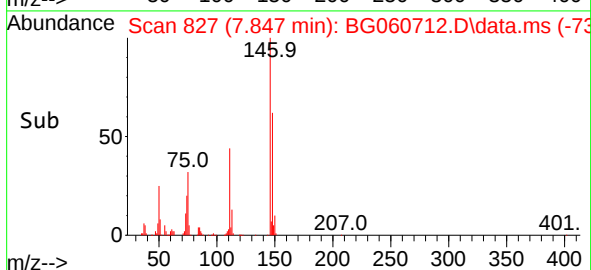
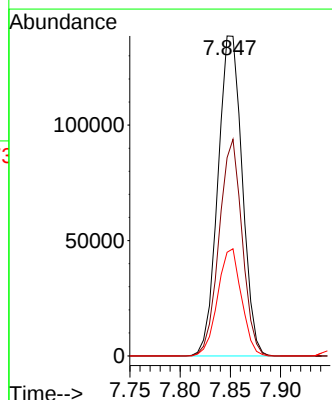
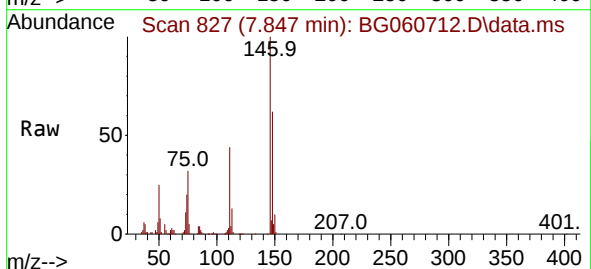
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 46.467 ng
RT: 7.847 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:146 Resp: 232787
Ion Ratio Lower Upper
146 100
148 62.0 53.0 79.4
75 32.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.376 ng

RT: 7.994 min Scan# 852

Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

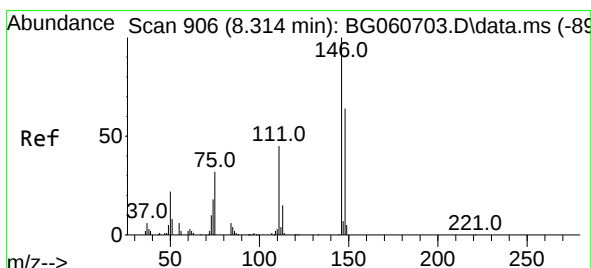
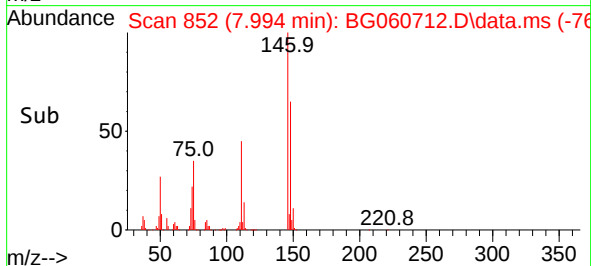
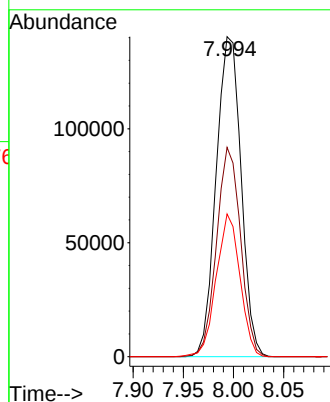
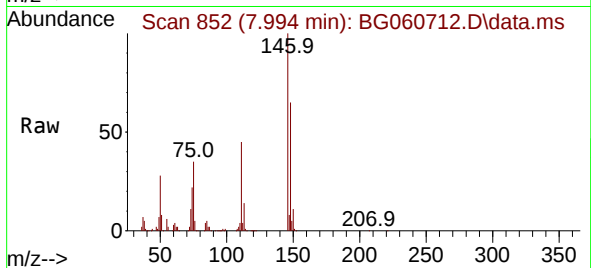
Tgt Ion:146 Resp: 242137
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 44.6 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#14

1,2-Dichlorobenzene

Concen: 47.310 ng

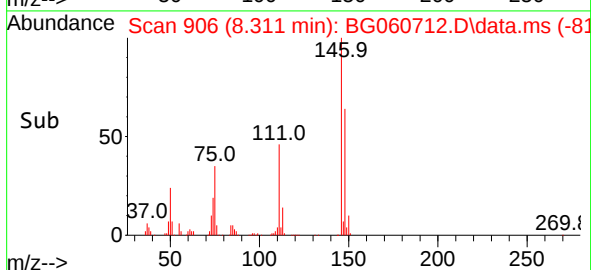
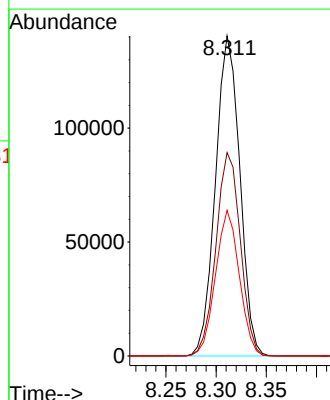
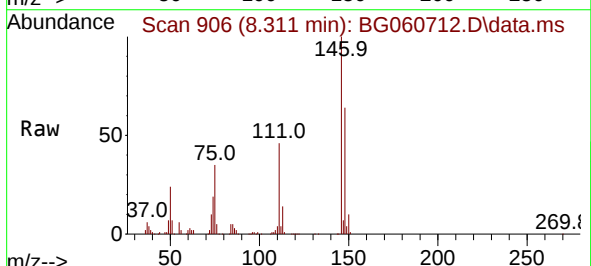
RT: 8.311 min Scan# 906

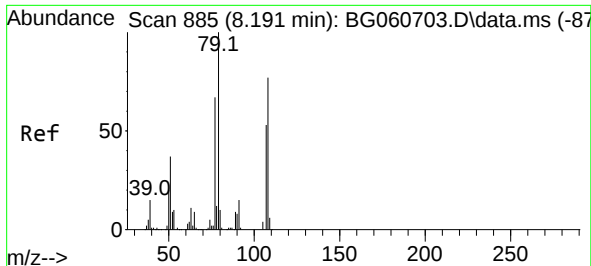
Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

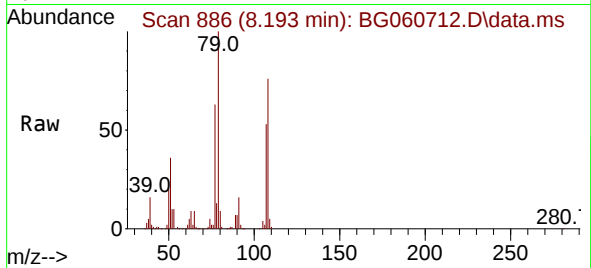
Tgt Ion:146 Resp: 236962
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 45.5 36.0 54.0





#15
Benzyl Alcohol
Concen: 48.430 ng
RT: 8.193 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

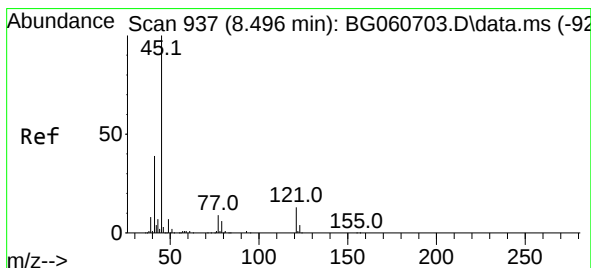
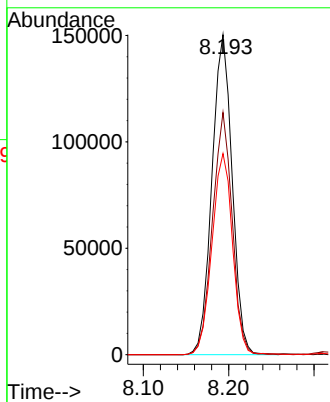
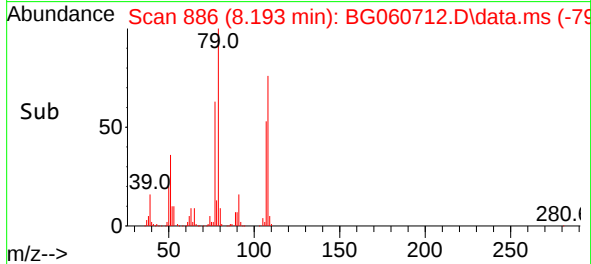
Instrument :
BNA_G
ClientSampleId :
PB159835BS



Tgt Ion: 79 Resp: 247442
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 62.9 53.6 80.4

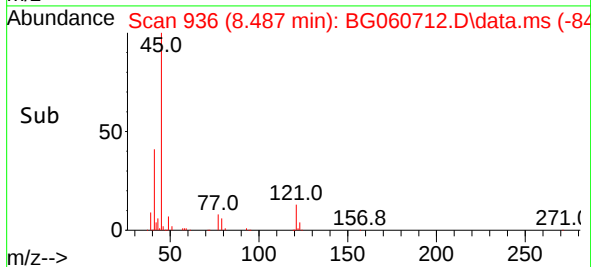
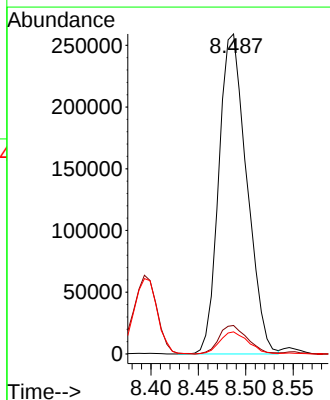
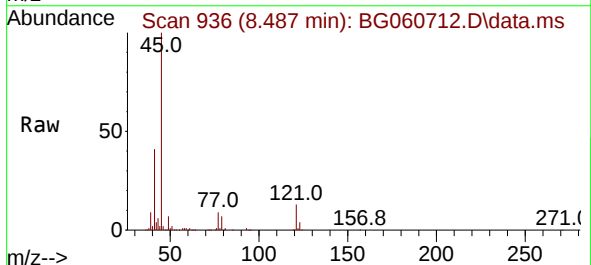
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.359 ng
RT: 8.487 min Scan# 936
Delta R.T. -0.009 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion: 45 Resp: 532016
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.1
79 6.9 0.0 26.5





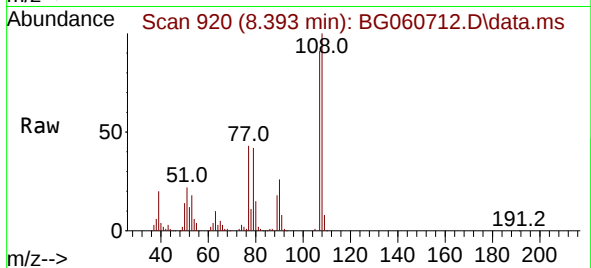
#17
2-Methylphenol
Concen: 47.431 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



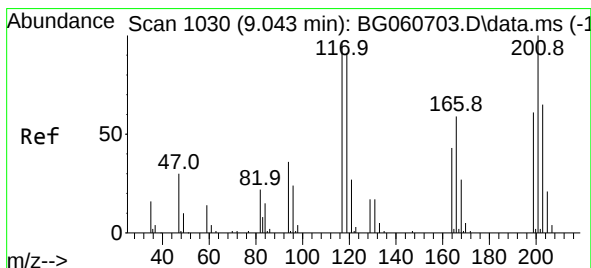
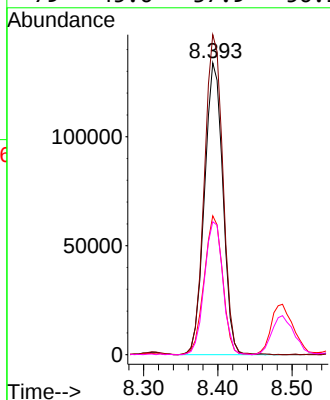
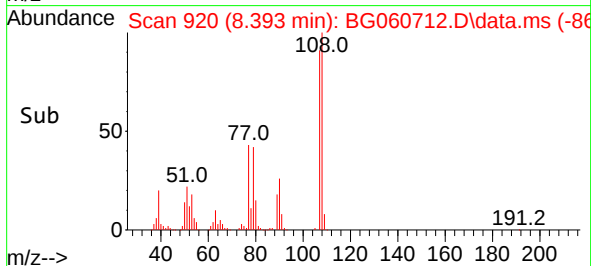
Tgt Ion:107 Resp: 230495
Ion Ratio Lower Upper
107 100
108 109.7 86.4 129.6
77 47.6 38.6 58.0
79 45.6 37.9 56.9

Manual Integrations

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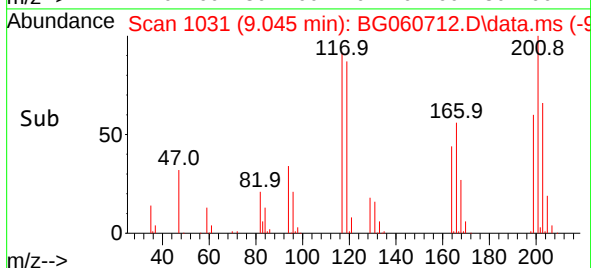
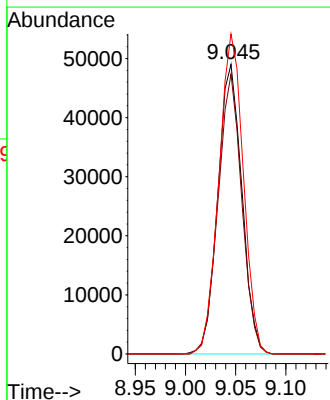
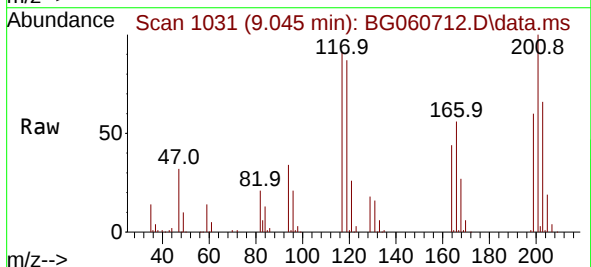
Reviewed By :Yogesh Patel 04/02/2024

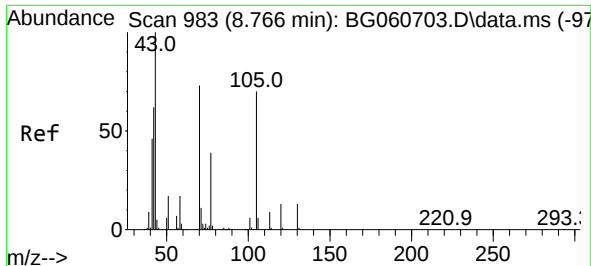
Supervised By :mohammad ahmed 04/02/2024



#18
Hexachloroethane
Concen: 44.981 ng
RT: 9.045 min Scan# 1031
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

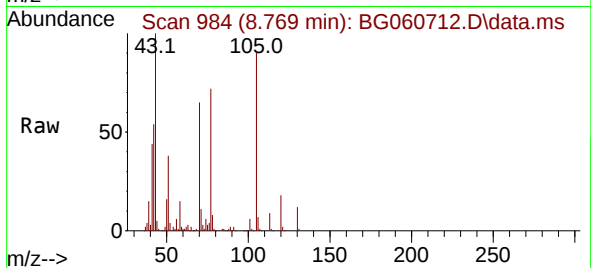
Tgt Ion:117 Resp: 81651
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5
201 110.5 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.492 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

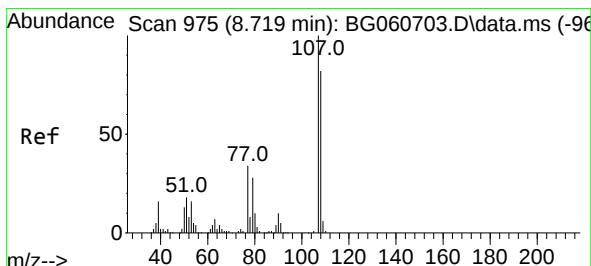
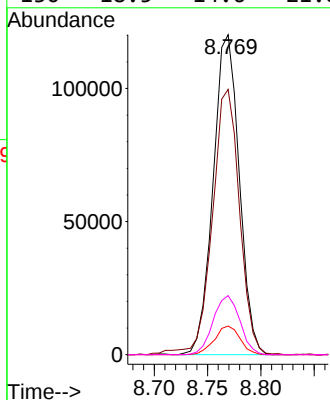
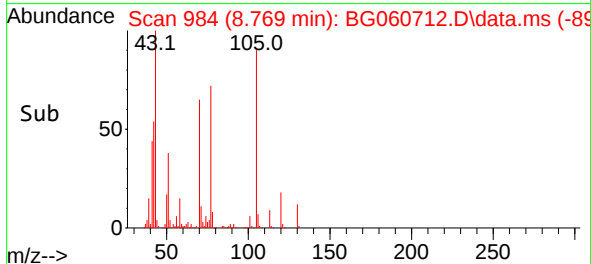
Instrument :
BNA_G
ClientSampleId :
PB159835BS



Tgt Ion: 70 Resp: 204389
Ion Ratio Lower Upper
70 100
42 82.9 68.4 102.6
101 8.9 6.1 9.1
130 18.5 14.6 21.8

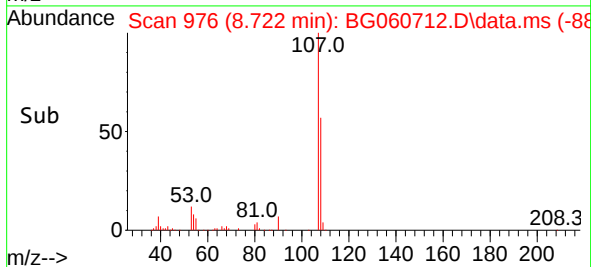
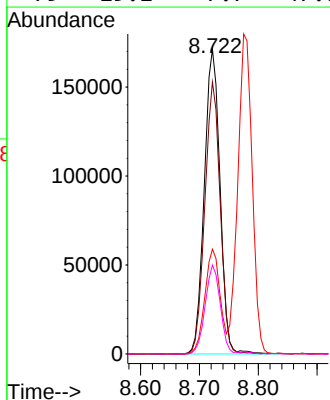
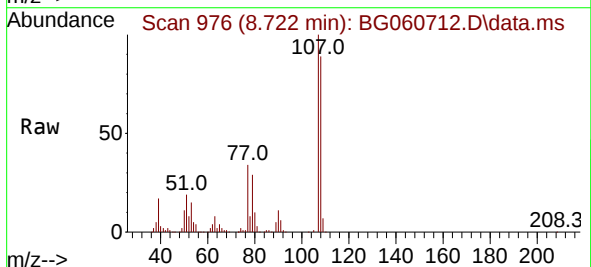
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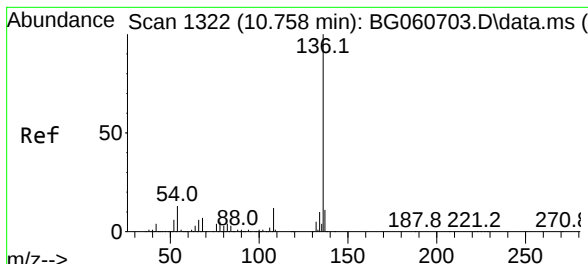
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#20
3+4-Methylphenols
Concen: 47.678 ng
RT: 8.722 min Scan# 976
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:107 Resp: 317273
Ion Ratio Lower Upper
107 100
108 89.3 62.2 102.2
77 34.4 14.1 54.1
79 29.2 7.7 47.7





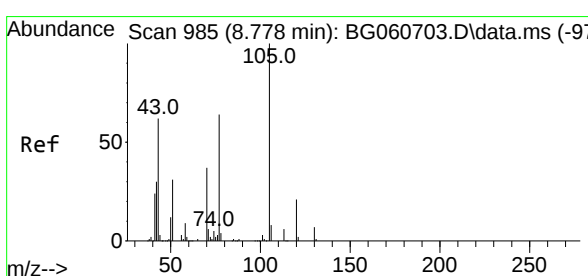
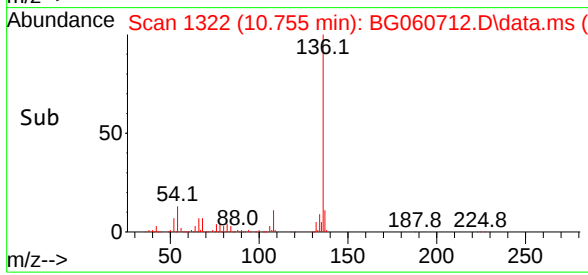
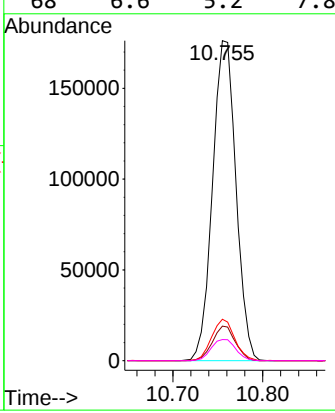
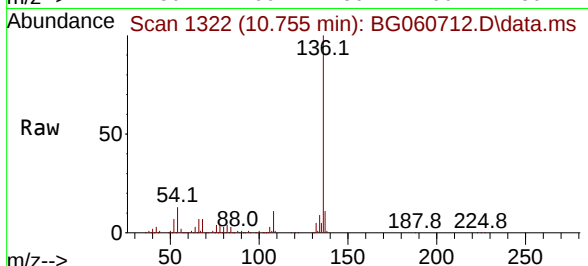
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument : BNA_G
ClientSampleId : PB159835BS

Tgt Ion:136 Resp: 319478

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	12.9	10.2	15.2
68	6.6	5.2	7.8

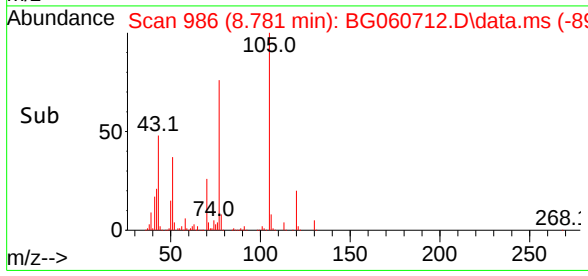
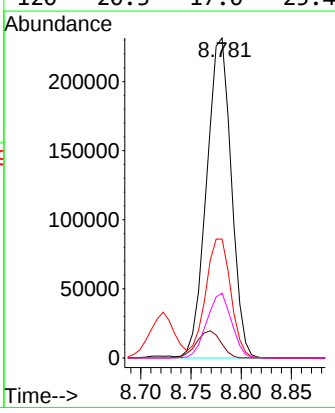
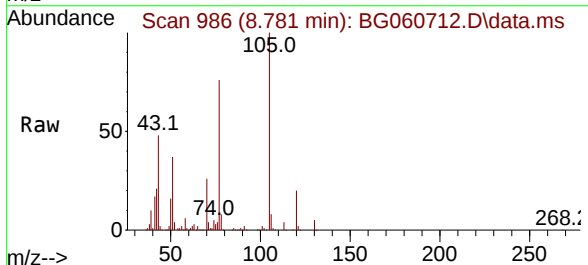
Manual Integrations
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Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

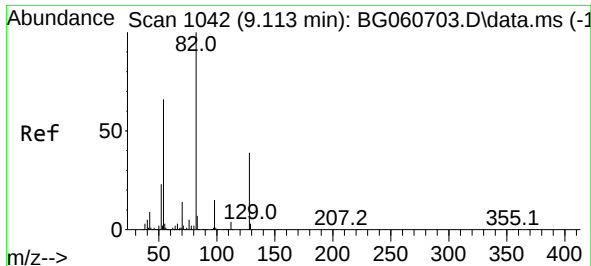


#22
Acetophenone
Concen: 45.067 ng
RT: 8.781 min Scan# 986
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:105 Resp: 397003

Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.9	7.3#
51	37.1	31.1	46.7
120	20.3	17.0	25.4





#23

Nitrobenzene-d5

Concen: 88.338 ng

RT: 9.116 min Scan# 1043

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion: 82 Resp: 49458

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

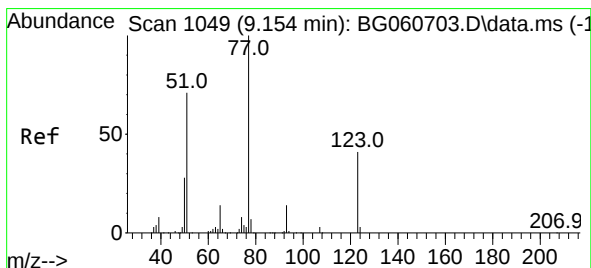
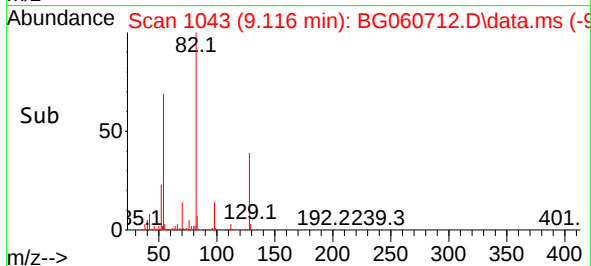
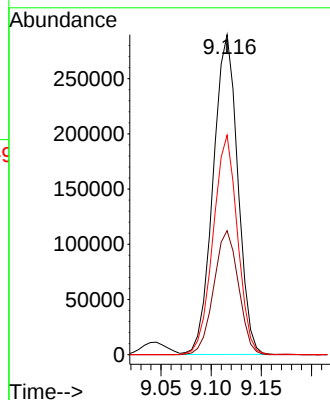
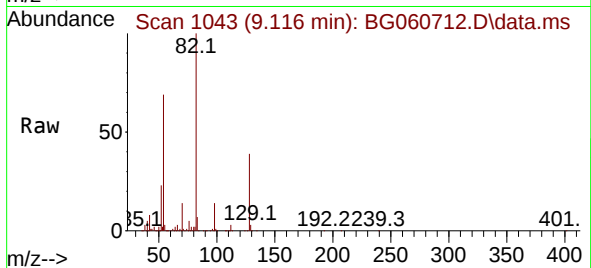
54 68.6 53.2 79.8

Manual Integrations

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Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#24

Nitrobenzene

Concen: 44.042 ng

RT: 9.157 min Scan# 1050

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

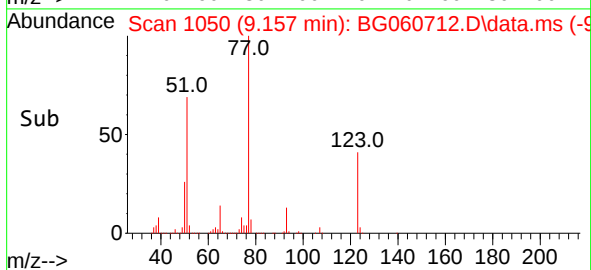
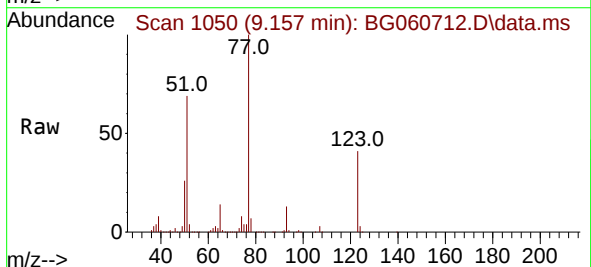
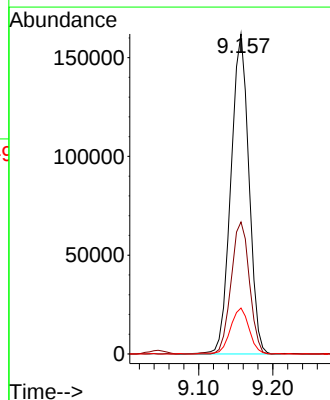
Tgt Ion: 77 Resp: 272963

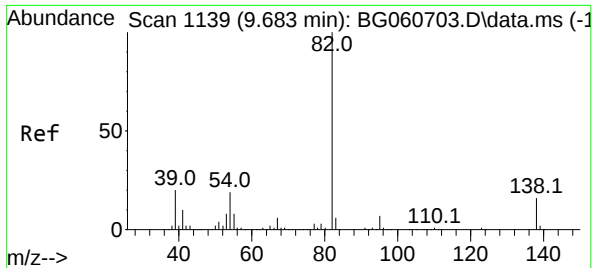
Ion Ratio Lower Upper

77 100

123 41.3 32.7 49.1

65 14.3 11.3 16.9





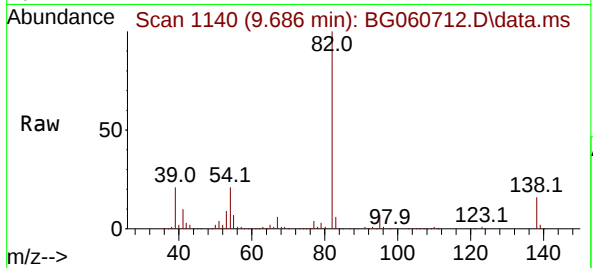
#25
Isophorone
Concen: 44.793 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



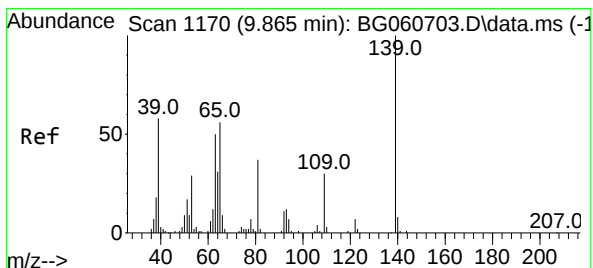
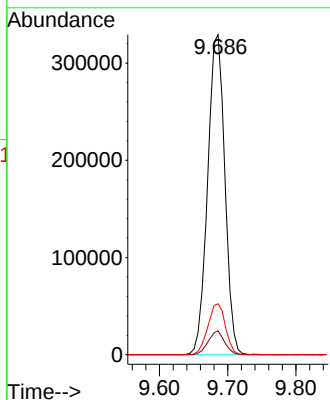
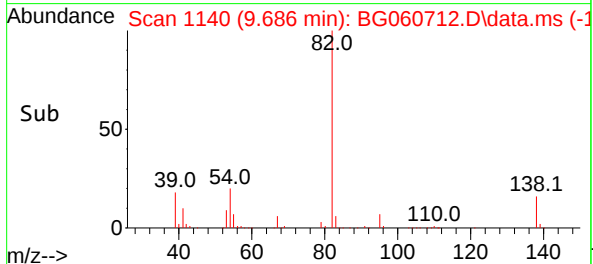
Tgt Ion: 82 Resp: 577629
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.9 13.0 19.4

Manual Integrations

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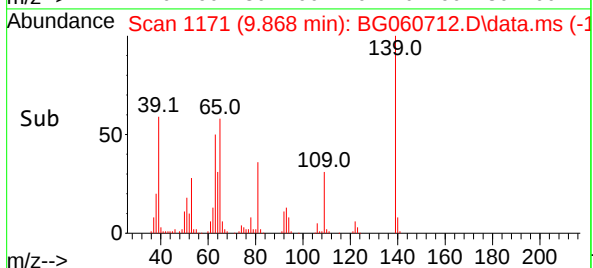
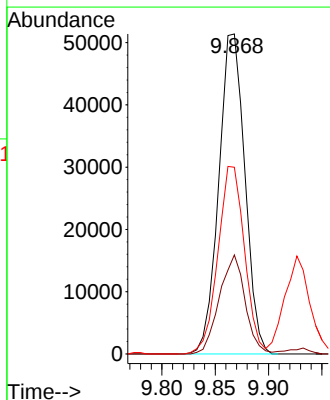
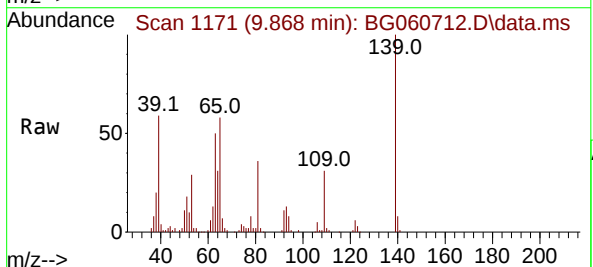
Reviewed By :Yogesh Patel 04/02/2024

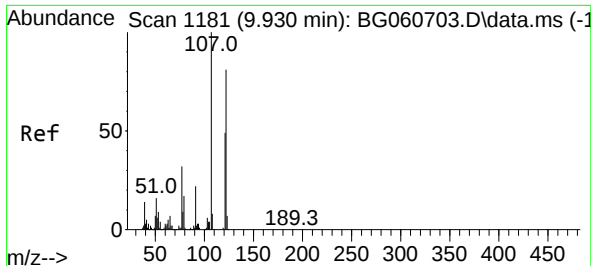
Supervised By :mohammad ahmed 04/02/2024



#26
2-Nitrophenol
Concen: 41.392 ng
RT: 9.868 min Scan# 1171
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:139 Resp: 87475
Ion Ratio Lower Upper
139 100
109 30.9 23.9 35.9
65 58.3 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 40.000 ng

RT: 9.927 min Scan# 1181

Delta R.T. -0.003 min

Lab File: BG060712.D

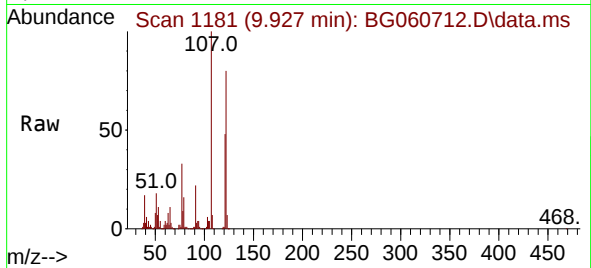
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



Tgt Ion:122 Resp: 207200

Ion Ratio Lower Upper

122 100

107 125.3 98.6 147.8

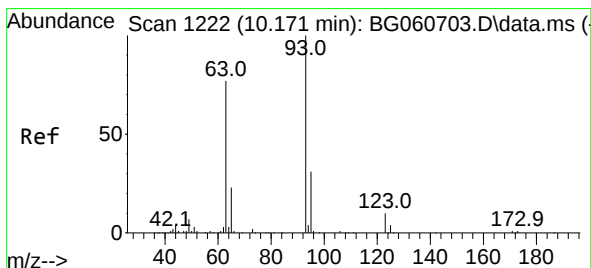
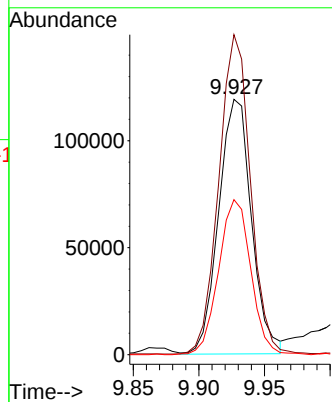
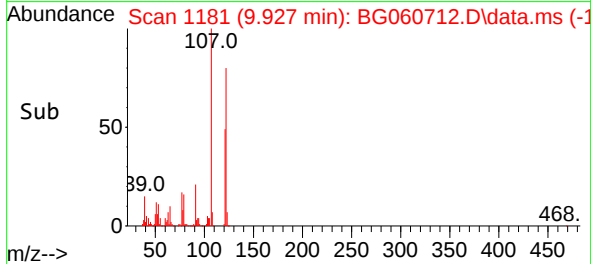
121 60.7 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.139 ng

RT: 10.168 min Scan# 1222

Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

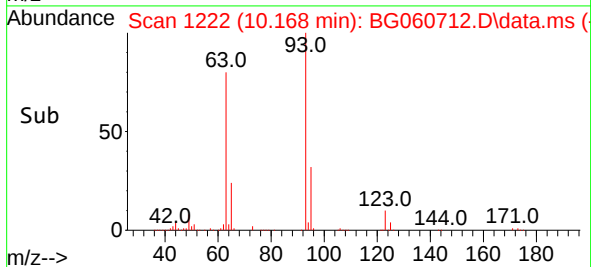
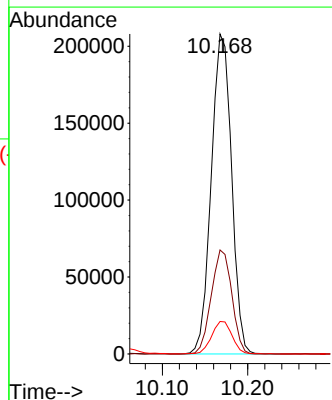
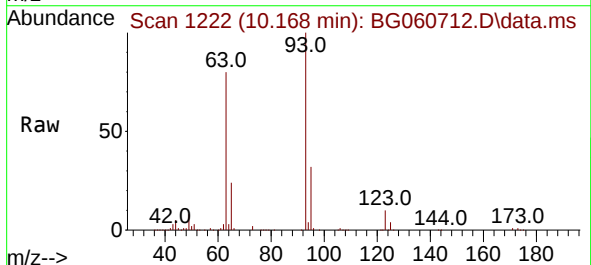
Tgt Ion: 93 Resp: 343656

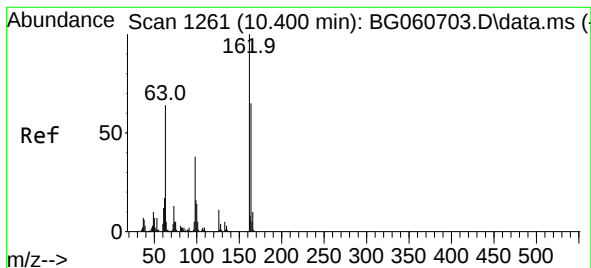
Ion Ratio Lower Upper

93 100

95 32.5 25.1 37.7

123 10.2 8.0 12.0





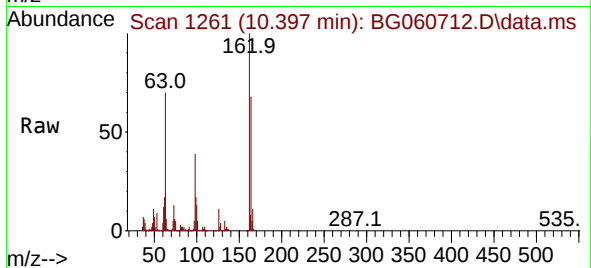
#29
2,4-Dichlorophenol
Concen: 51.475 ng
RT: 10.397 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

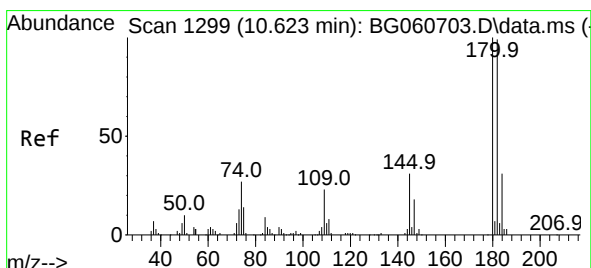
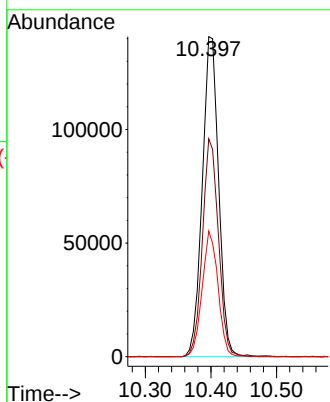
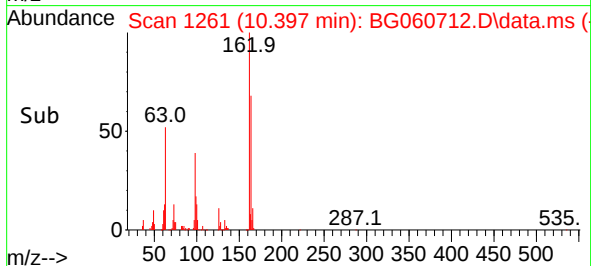


Tgt Ion:162 Resp: 244860
Ion Ratio Lower Upper
162 100
164 68.1 45.2 85.2
98 39.3 17.7 57.7

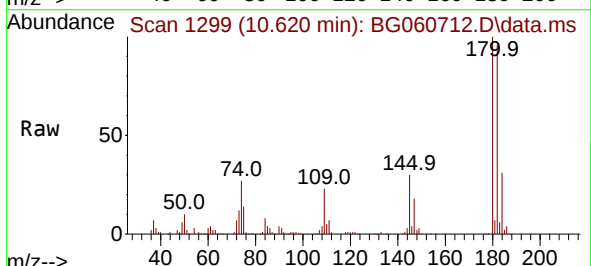
Manual Integrations

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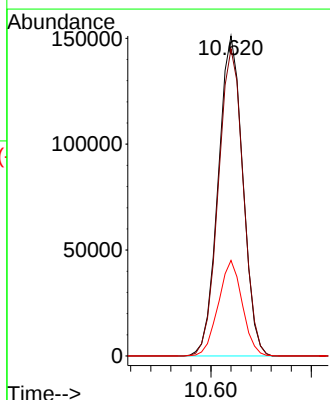
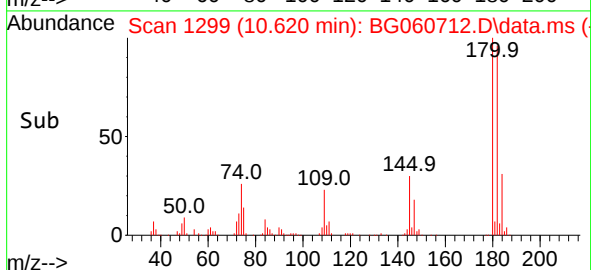
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

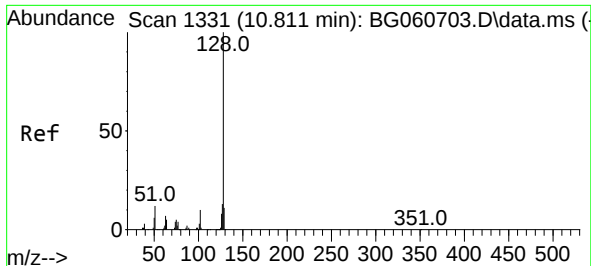


#30
1,2,4-Trichlorobenzene
Concen: 47.695 ng
RT: 10.620 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:180 Resp: 256906
Ion Ratio Lower Upper
180 100
182 96.0 79.0 118.4
145 29.9 24.9 37.3





#31
Naphthalene
Concen: 45.037 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

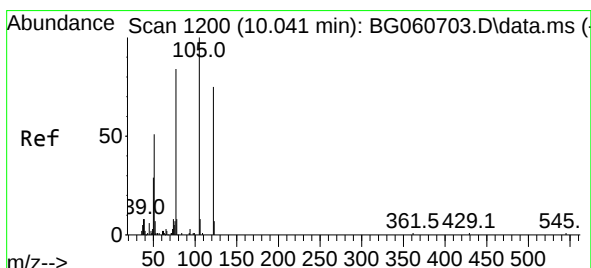
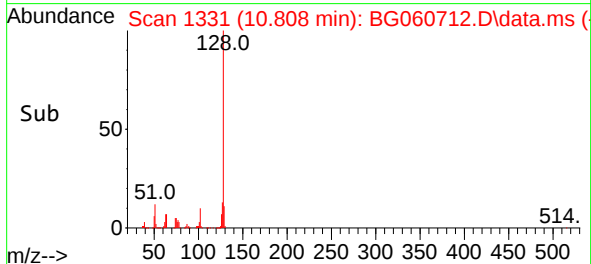
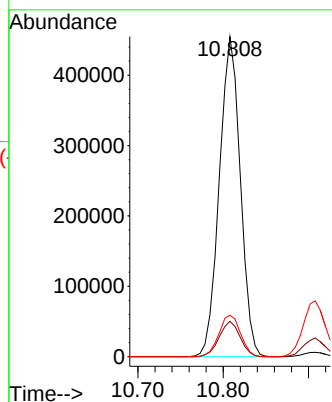
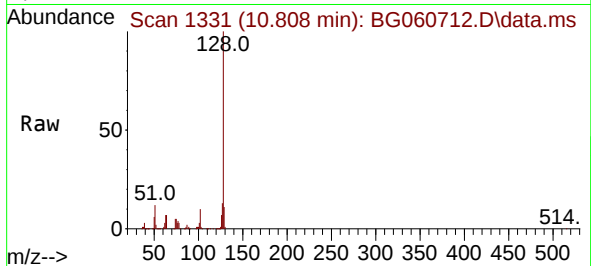
Tgt Ion:128 Resp: 778318
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.5 15.7

Manual Integrations

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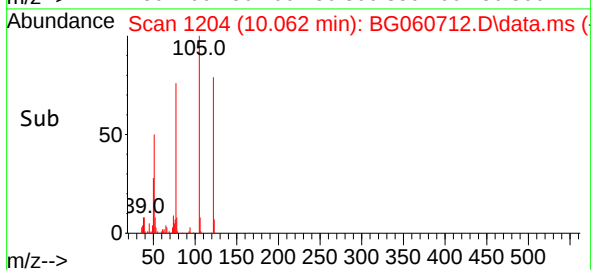
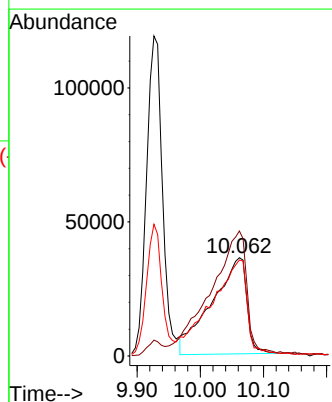
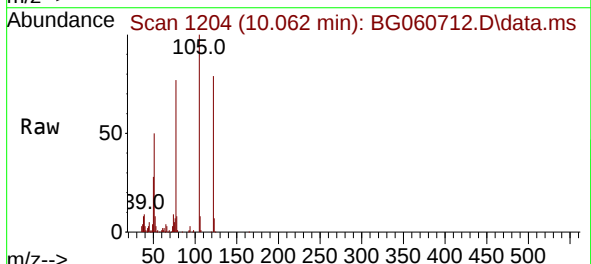
Reviewed By :Yogesh Patel 04/02/2024

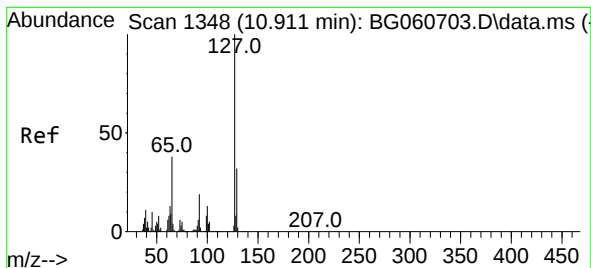
Supervised By :mohammad ahmed 04/02/2024



#32
Benzoic acid
Concen: 41.165 ng
RT: 10.062 min Scan# 1204
Delta R.T. 0.021 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:122 Resp: 137966
Ion Ratio Lower Upper
122 100
105 127.1 104.5 144.5
77 97.6 85.3 125.3





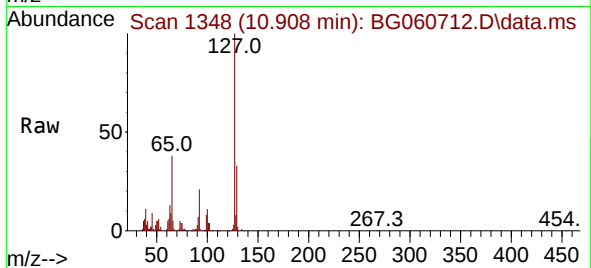
#33
4-Chloroaniline
Concen: 18.381 ng
RT: 10.908 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

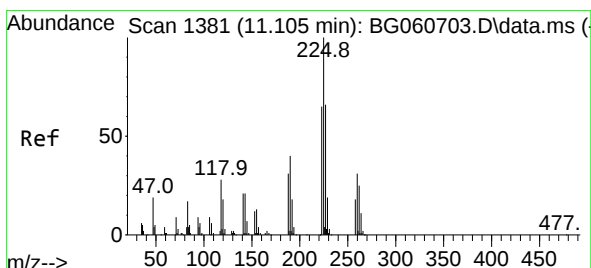
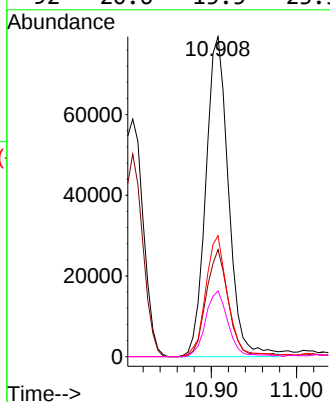
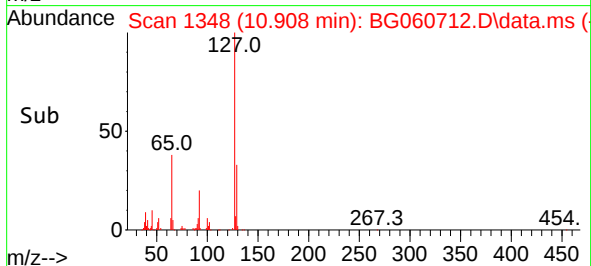


Tgt Ion:127 Resp: 147539
Ion Ratio Lower Upper
127 100
129 33.5 25.3 37.9
65 37.8 30.2 45.2
92 20.6 15.5 23.3

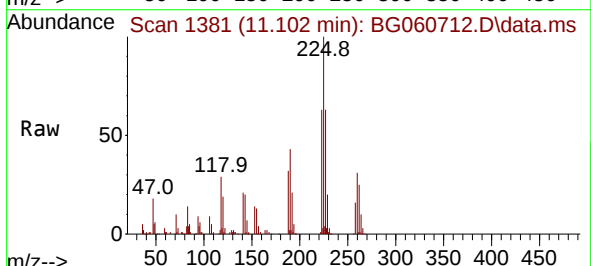
Manual Integrations

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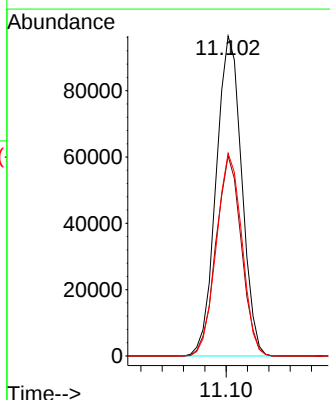
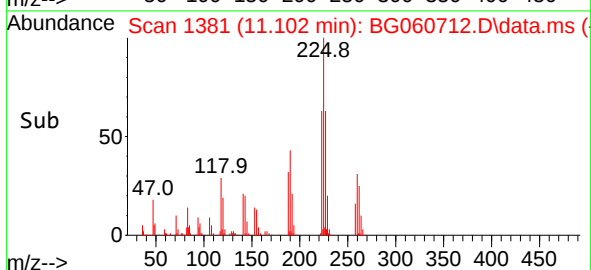
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

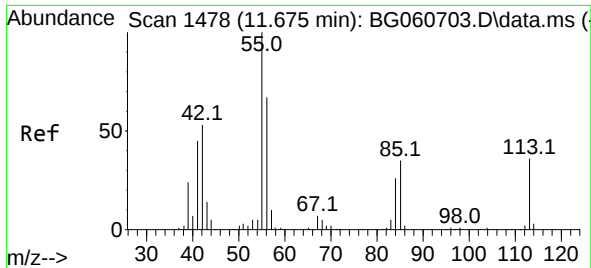


#34
Hexachlorobutadiene
Concen: 44.719 ng
RT: 11.102 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:225 Resp: 160533
Ion Ratio Lower Upper
225 100
223 62.5 52.0 78.0
227 63.4 52.5 78.7





#35
 Caprolactam
 Concen: 47.893 ng m
 RT: 11.683 min Scan# 1478
 Delta R.T. 0.009 min
 Lab File: BG060712.D
 Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

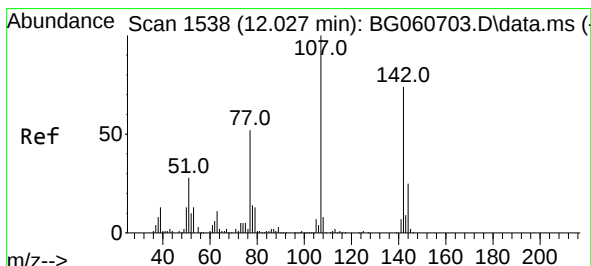
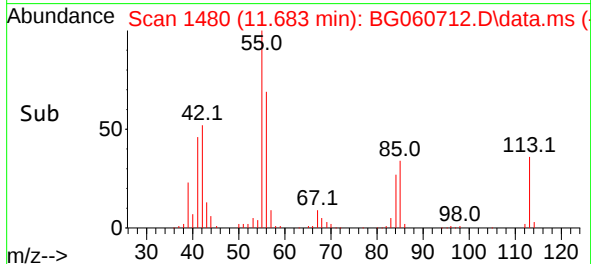
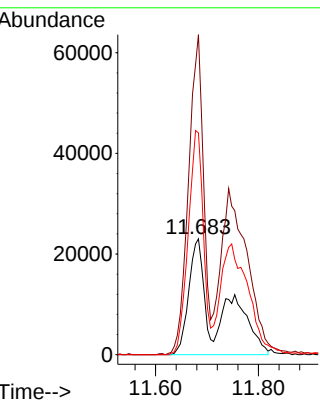
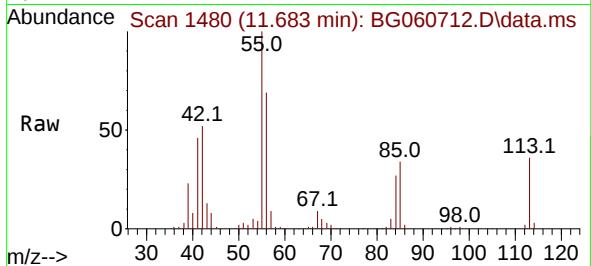
PB159835BS

Tgt Ion:113 Resp: 9023
 Ion Ratio Lower Upper
 113 100
 55 276.3 258.0 298.0
 56 191.5 166.3 206.3

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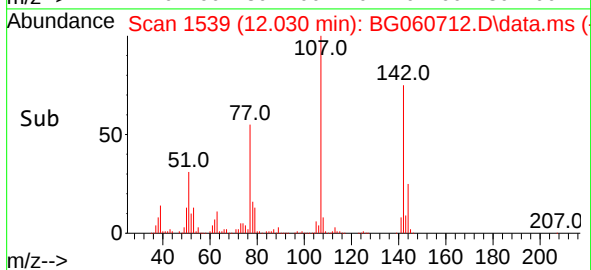
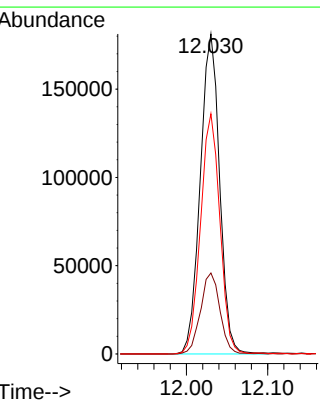
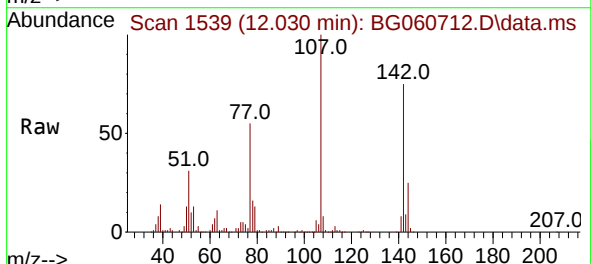
APPROVED

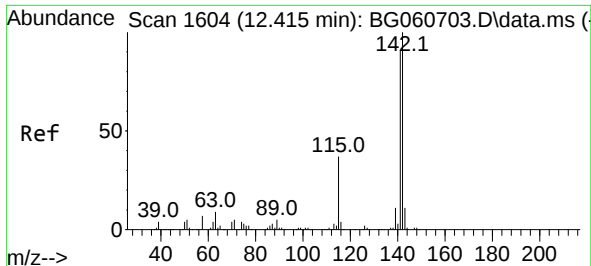
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024



#36
 4-Chloro-3-methylphenol
 Concen: 49.378 ng
 RT: 12.030 min Scan# 1539
 Delta R.T. 0.003 min
 Lab File: BG060712.D
 Acq: 1 Apr 2024 12:30

Tgt Ion:107 Resp: 300057
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 75.1 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.230 ng

RT: 12.418 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:142 Resp: 54926

Ion Ratio Lower Upper

142 100

141 92.4 72.7 109.1

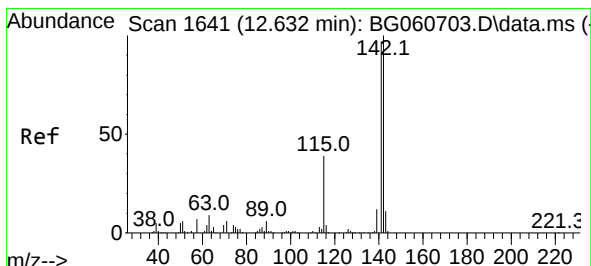
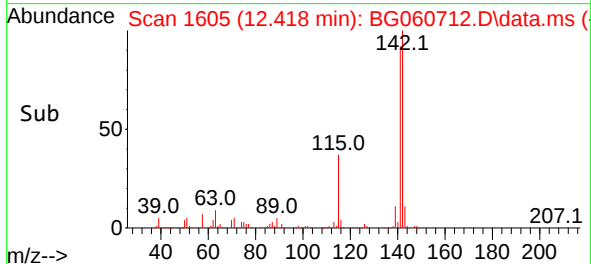
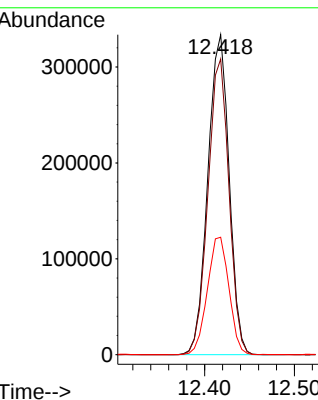
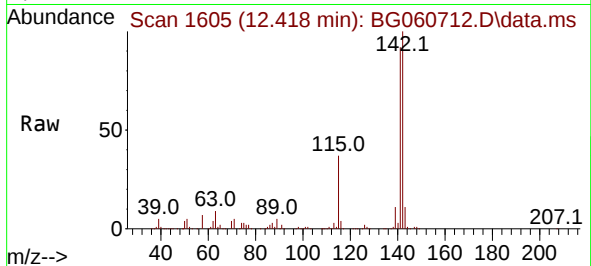
115 36.7 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#38

1-Methylnaphthalene

Concen: 43.466 ng

RT: 12.635 min Scan# 1642

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

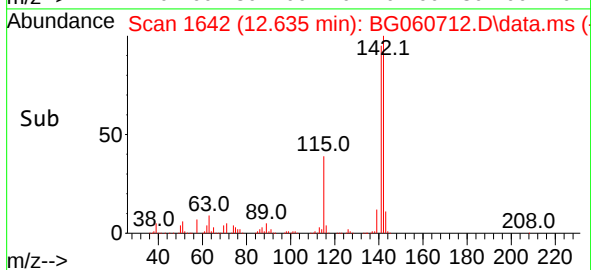
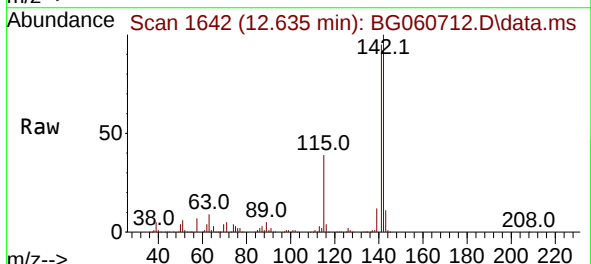
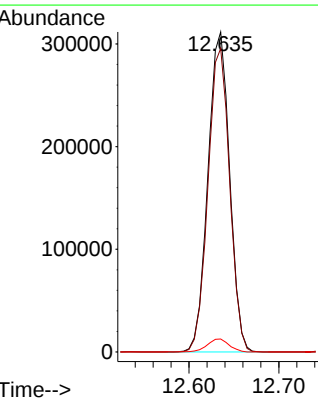
Tgt Ion:142 Resp: 521711

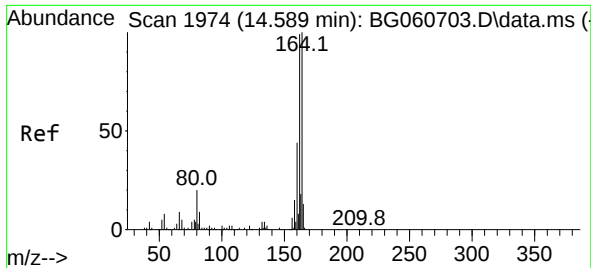
Ion Ratio Lower Upper

142 100

141 94.8 77.7 116.5

116 4.1 3.4 5.2





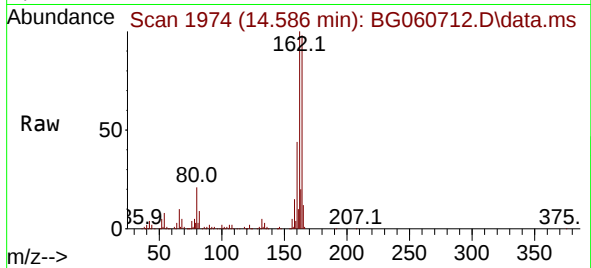
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

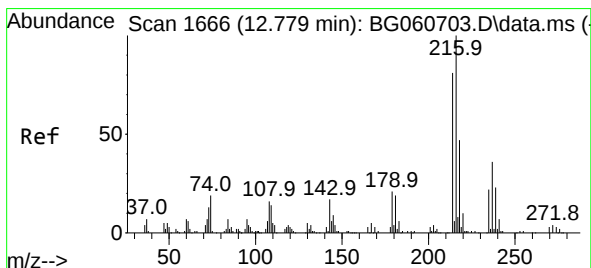
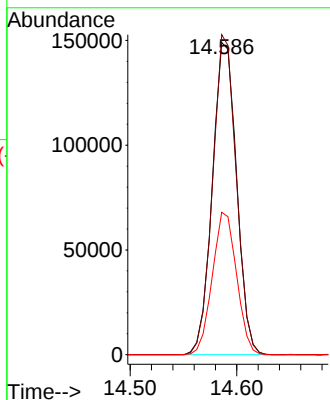
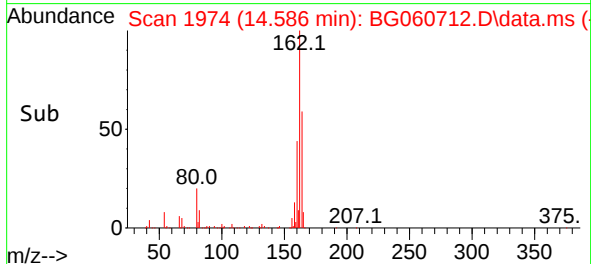
PB159835BS



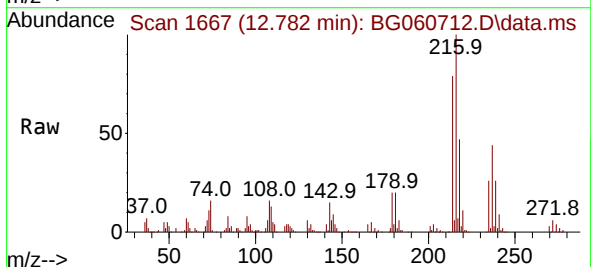
Tgt Ion:164 Resp: 23548
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 45.6 35.4 53.0

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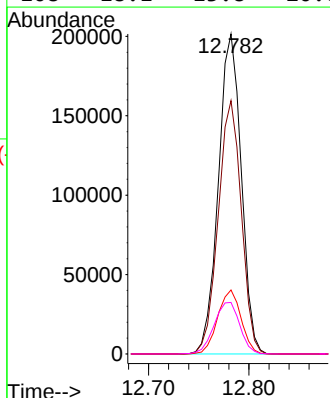
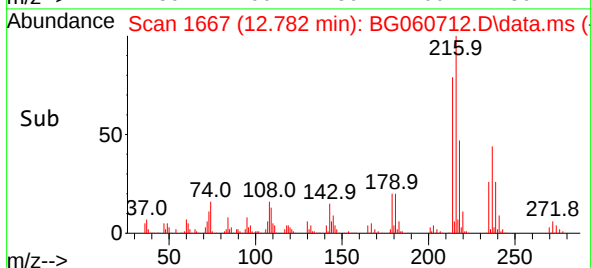
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

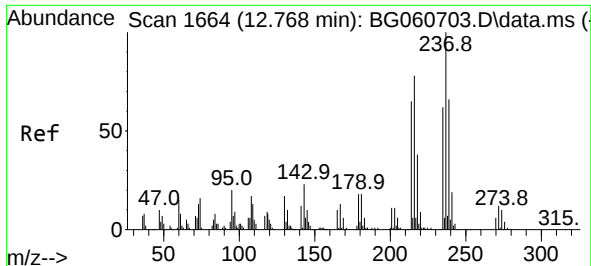


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.081 ng
RT: 12.782 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:216 Resp: 318736
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 20.4 16.7 25.1
108 18.1 13.8 20.6





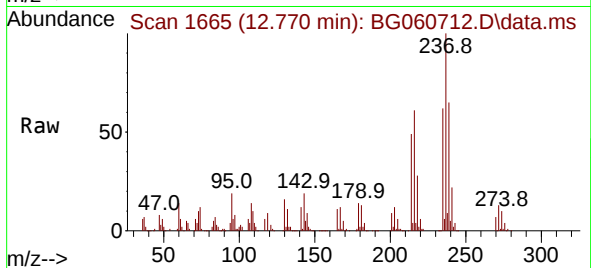
#41
Hexachlorocyclopentadiene
Concen: 85.100 ng
RT: 12.770 min Scan# 1665
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

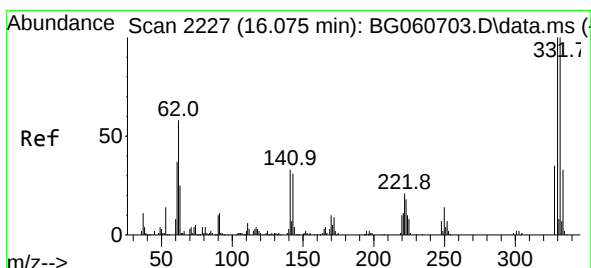
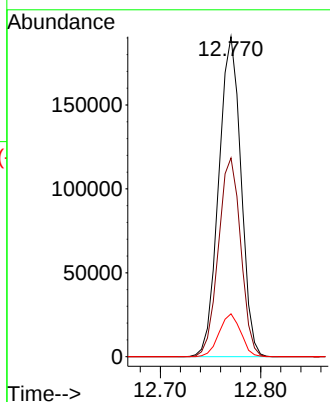
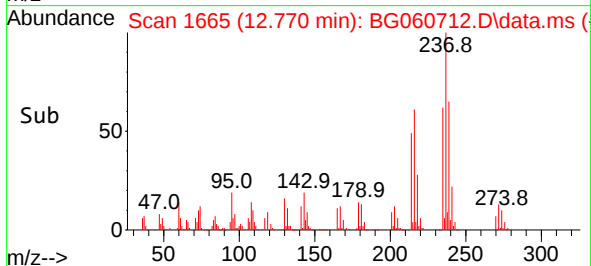


Tgt Ion:237 Resp: 292948
Ion Ratio Lower Upper
237 100
235 62.1 42.0 82.0
272 13.4 0.0 32.4

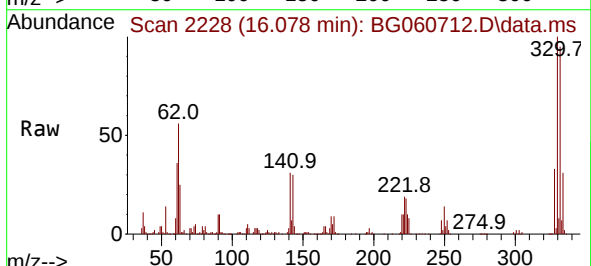
Manual Integrations

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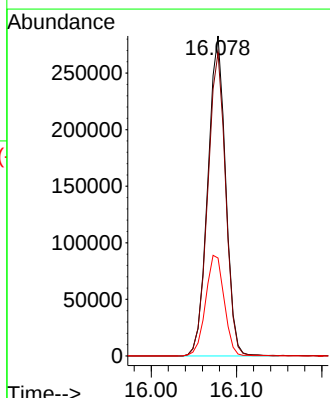
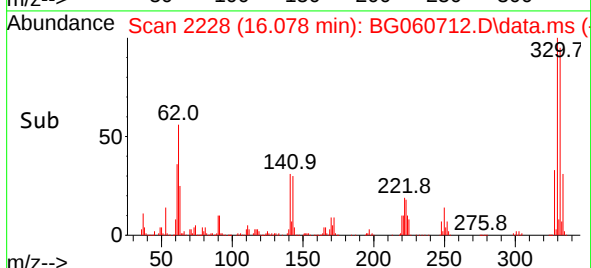
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

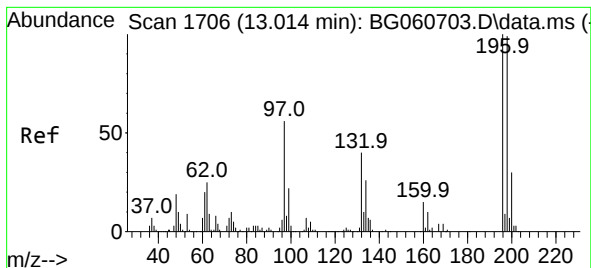


#42
2,4,6-Tribromophenol
Concen: 153.310 ng
RT: 16.078 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:330 Resp: 409823
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.4
141 32.8 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 50.250 ng

RT: 13.017 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:196 Resp: 21905

Ion Ratio Lower Upper

196 100

198 96.7 79.1 118.7

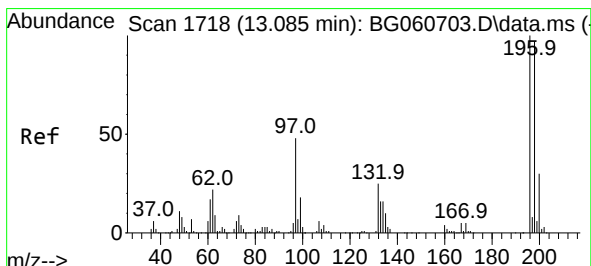
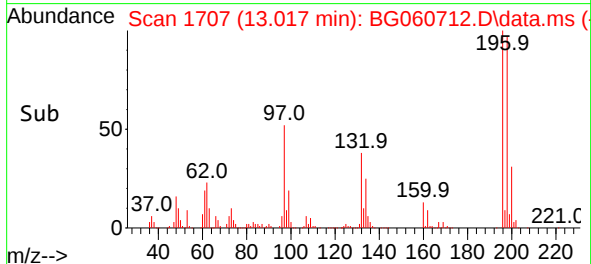
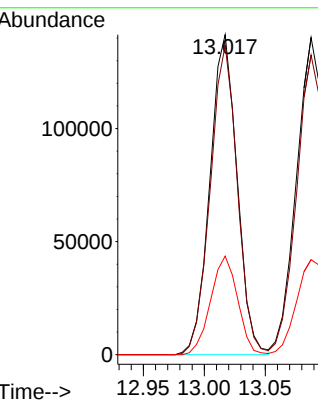
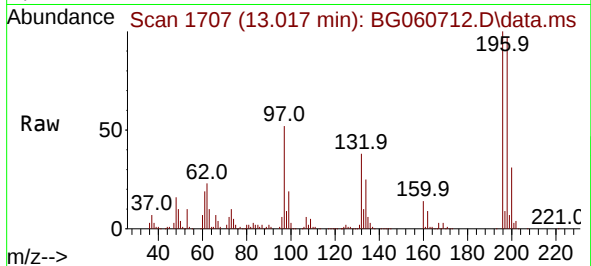
200 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#44

2,4,5-Trichlorophenol

Concen: 47.413 ng

RT: 13.088 min Scan# 1719

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Tgt Ion:196 Resp: 246659

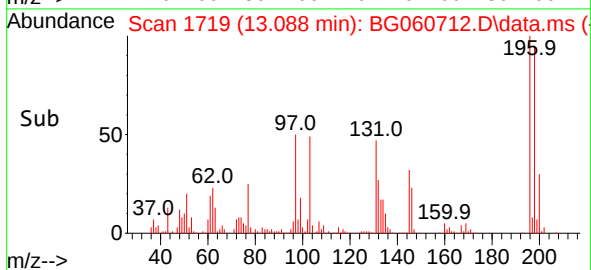
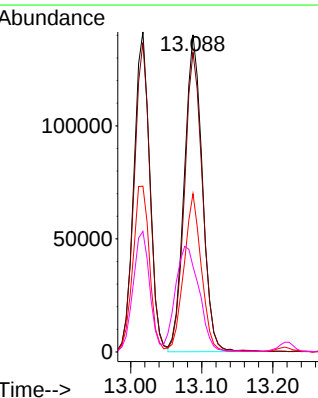
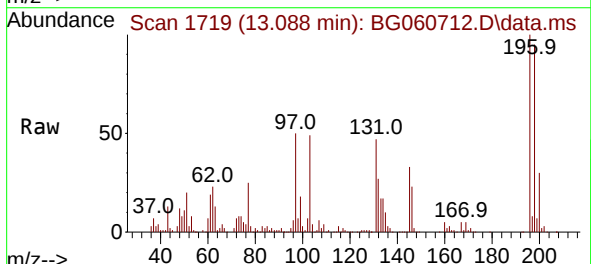
Ion Ratio Lower Upper

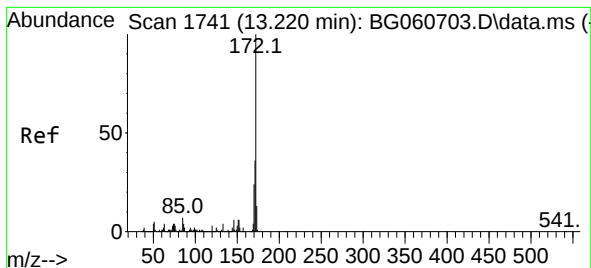
196 100

198 94.5 77.8 116.8

97 49.9 38.2 57.4

132 26.9 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 87.091 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

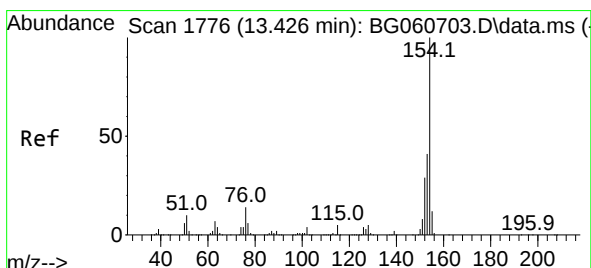
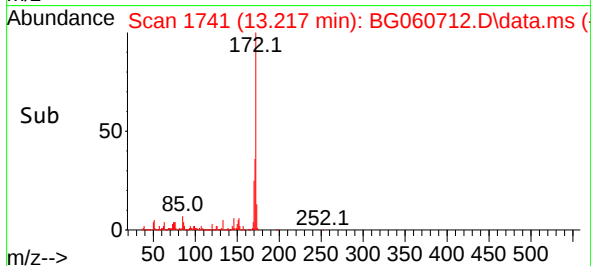
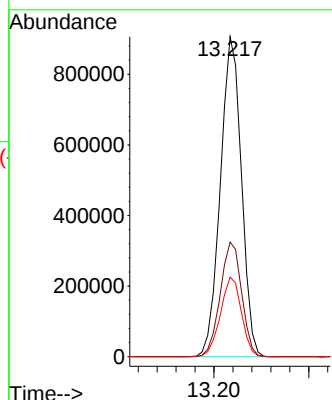
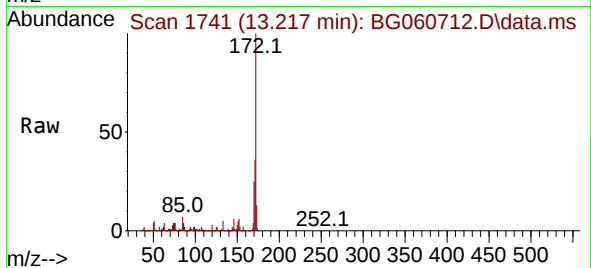
PB159835BS

Tgt Ion:172 Resp: 1397408
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.9 19.4 29.0

Manual Integrations

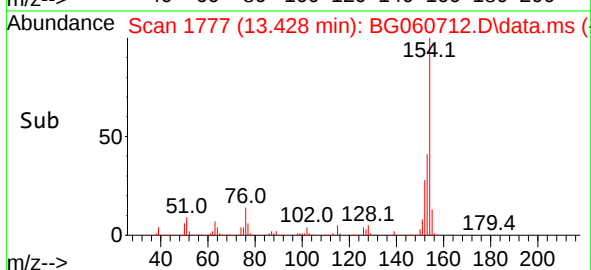
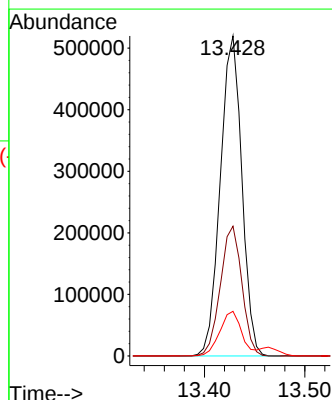
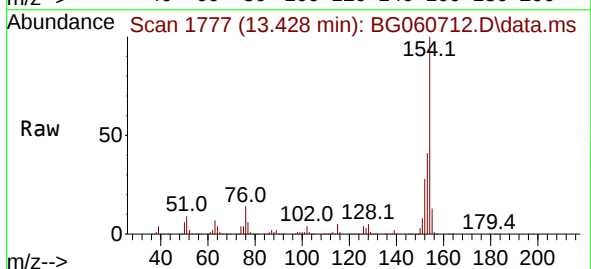
APPROVED

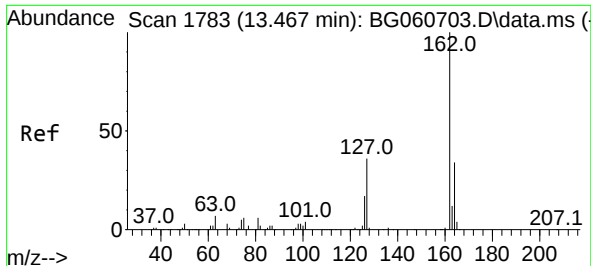
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#46
1,1'-Biphenyl
Concen: 46.461 ng
RT: 13.428 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:154 Resp: 772798
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 14.0 0.0 33.9





#47
2-Chloronaphthalene
Concen: 48.342 ng
RT: 13.464 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

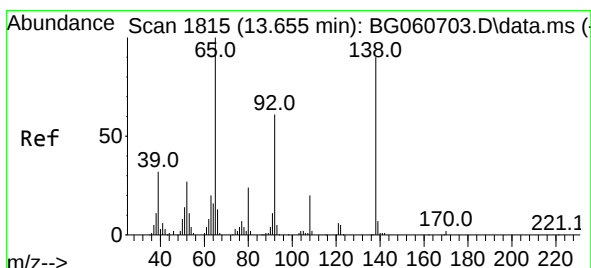
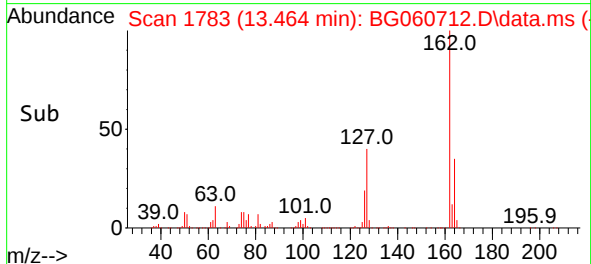
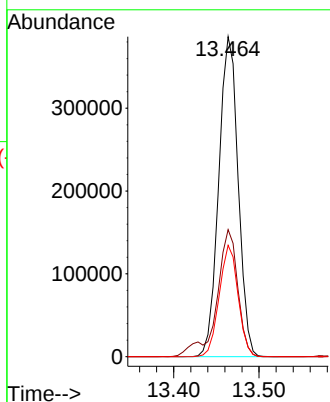
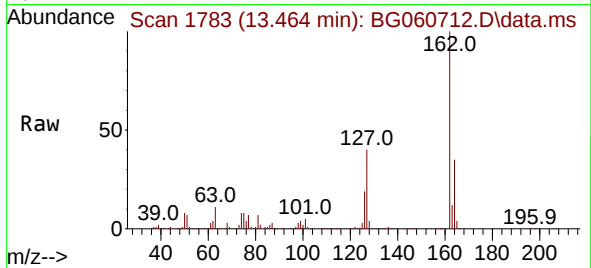
PB159835BS

Tgt Ion:162 Resp: 610910
Ion Ratio Lower Upper
162 100
127 39.7 30.6 46.0
164 34.8 26.9 40.3

Manual Integrations

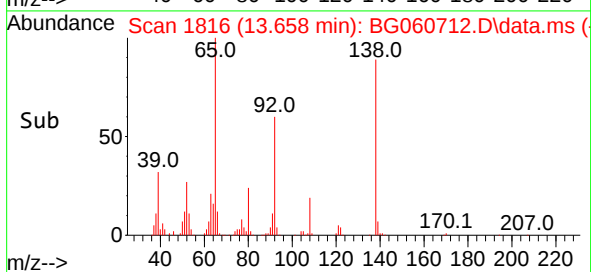
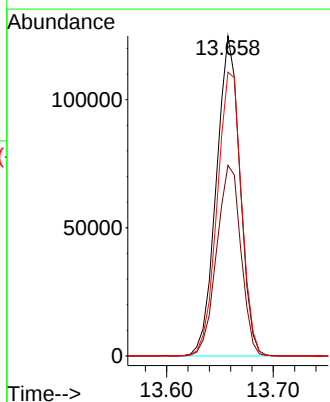
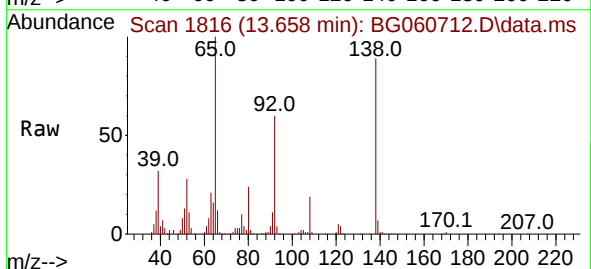
APPROVED

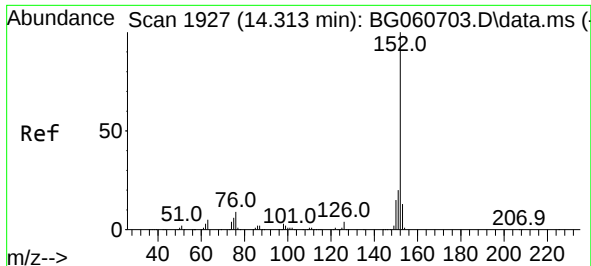
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#48
2-Nitroaniline
Concen: 47.034 ng
RT: 13.658 min Scan# 1816
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion: 65 Resp: 192012
Ion Ratio Lower Upper
65 100
92 59.5 48.6 72.8
138 88.7 72.2 108.4





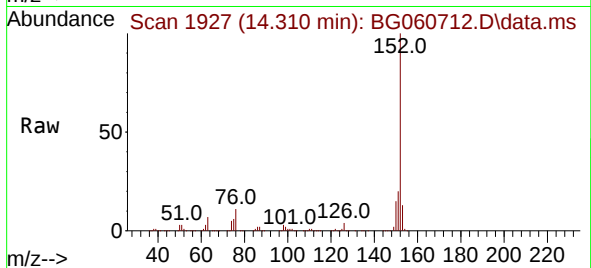
#49
Acenaphthylene
Concen: 49.225 ng
RT: 14.310 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



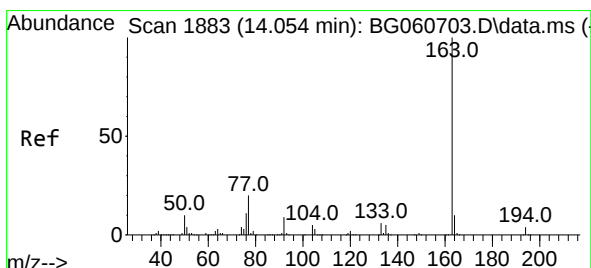
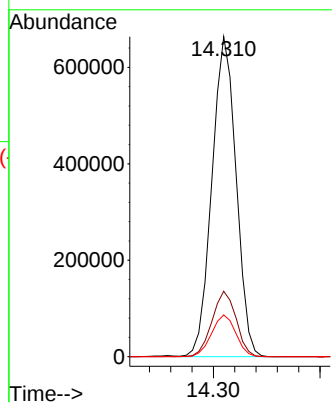
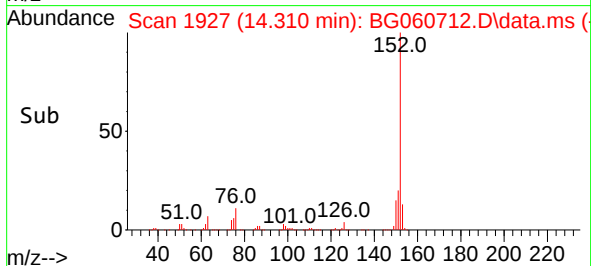
Tgt Ion:152 Resp: 104525
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.1 10.5 15.7

Manual Integrations

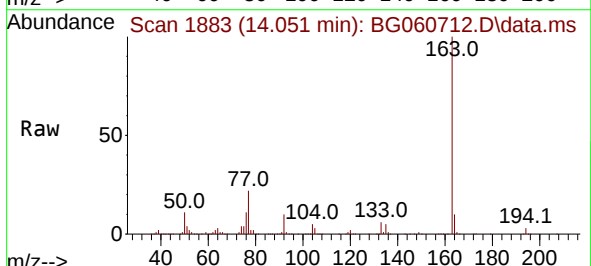
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

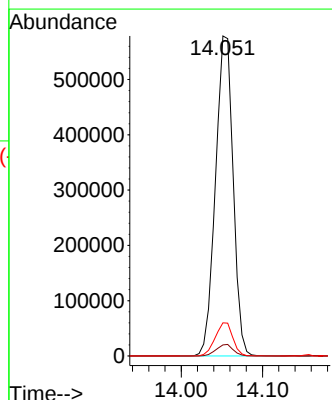
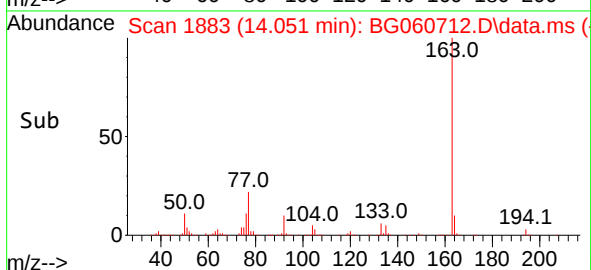
Supervised By :mohammad ahmed 04/02/2024

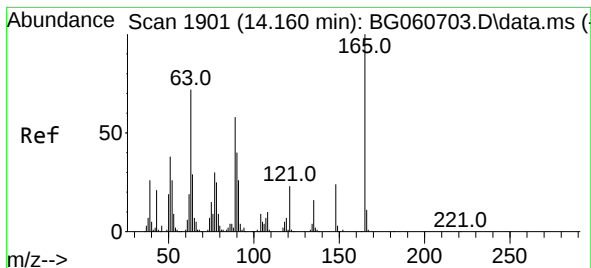


#50
Dimethylphthalate
Concen: 46.935 ng
RT: 14.051 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



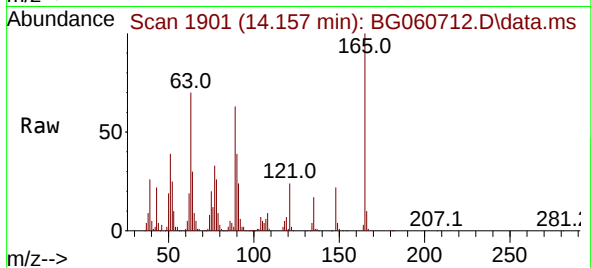
Tgt Ion:163 Resp: 873605
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 48.368 ng
RT: 14.157 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

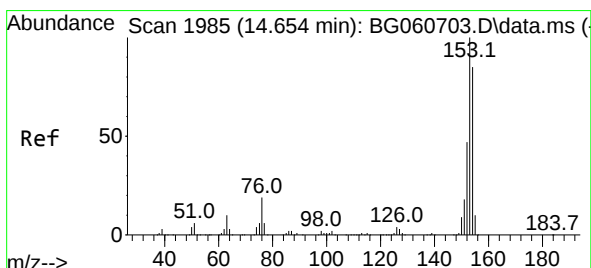
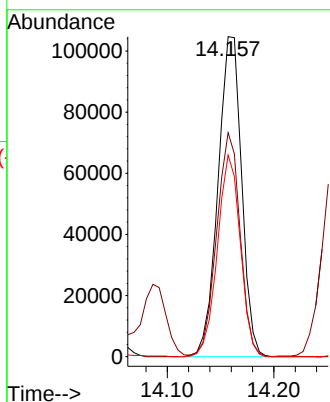
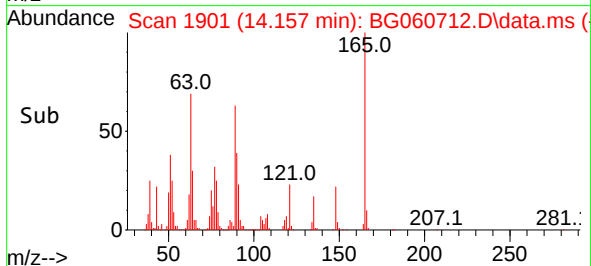
Instrument :
BNA_G
ClientSampleId :
PB159835BS



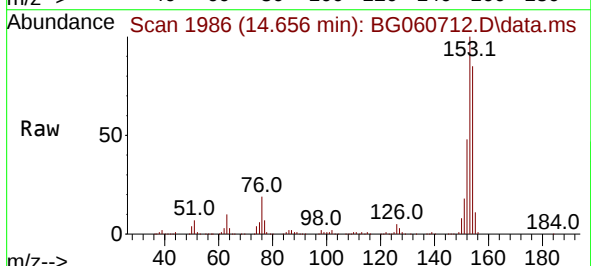
Tgt Ion:165 Resp: 16128
Ion Ratio Lower Upper
165 100
63 70.0 58.2 87.4
89 63.0 46.1 69.1

Manual Integrations
APPROVED

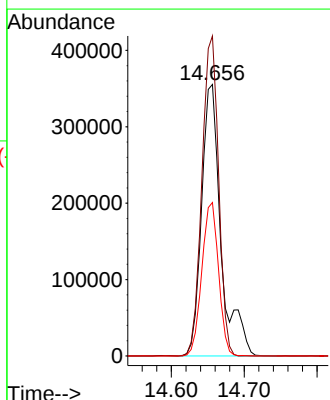
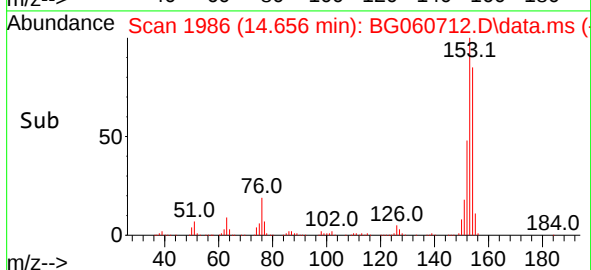
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

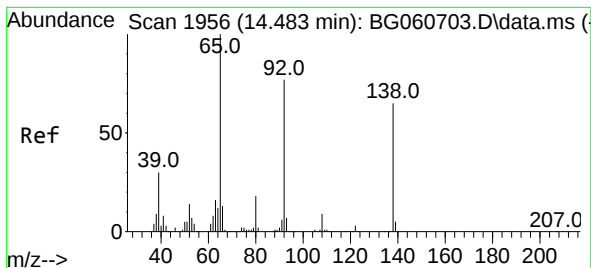


#52
Acenaphthene
Concen: 49.492 ng m
RT: 14.656 min Scan# 1986
Delta R.T. 0.002 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:154 Resp: 659834
Ion Ratio Lower Upper
154 100
153 117.9 93.9 140.9
152 56.6 44.1 66.1





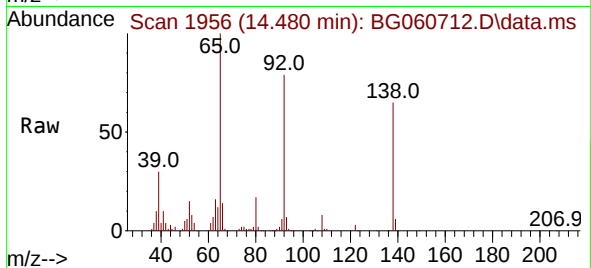
#53
3-Nitroaniline
Concen: 33.677 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



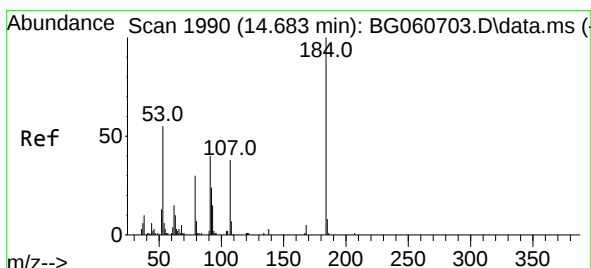
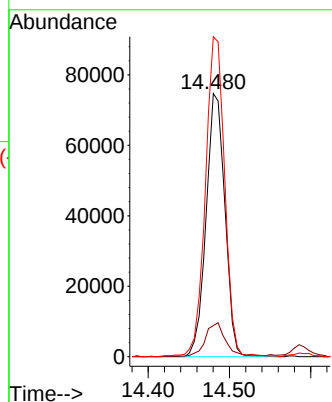
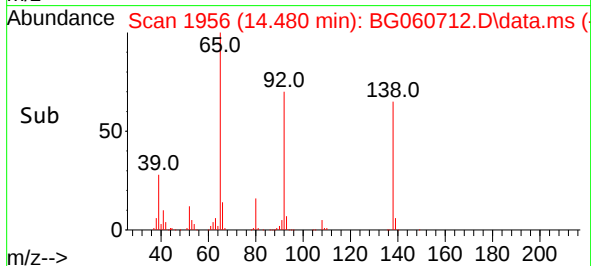
Tgt Ion:138 Resp: 119814
Ion Ratio Lower Upper
138 100
108 11.8 11.3 16.9
92 121.6 94.1 141.1

Manual Integrations

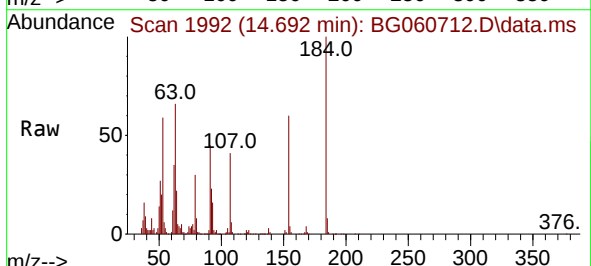
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

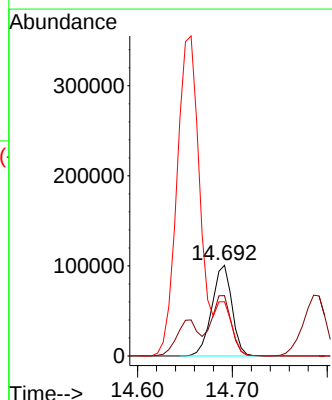
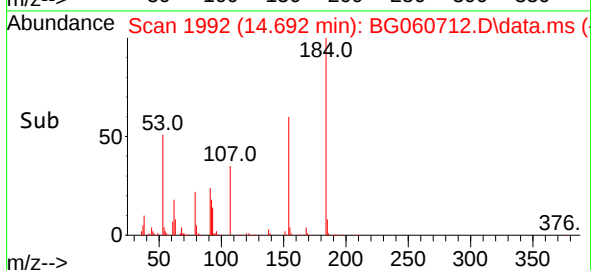
Supervised By :mohammad ahmed 04/02/2024

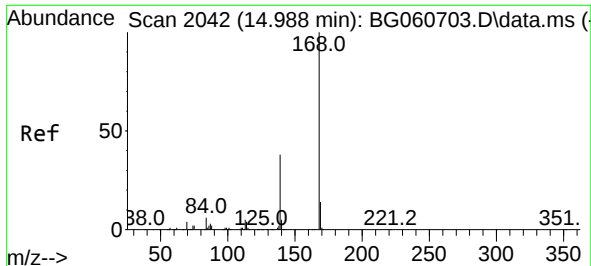


#54
2,4-Dinitrophenol
Concen: 114.174 ng
RT: 14.692 min Scan# 1992
Delta R.T. 0.009 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:184 Resp: 147922
Ion Ratio Lower Upper
184 100
63 66.4 51.3 76.9
154 59.8 59.9 89.9#





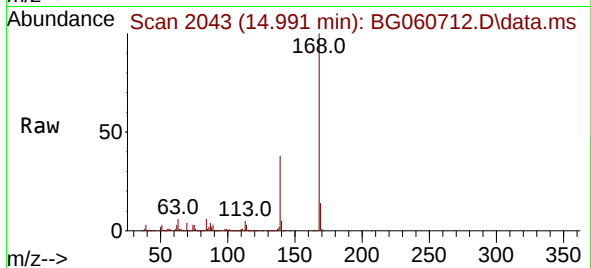
#55
Dibenzenofuran
Concen: 47.036 ng
RT: 14.991 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



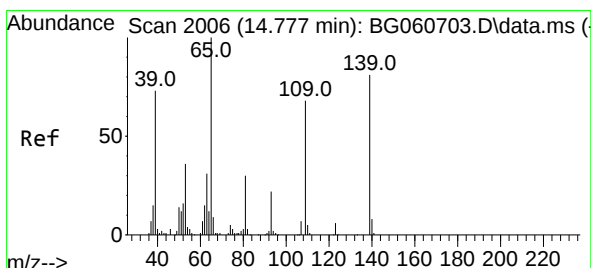
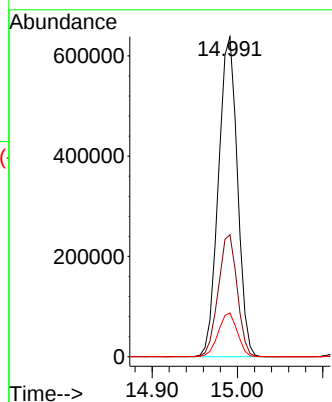
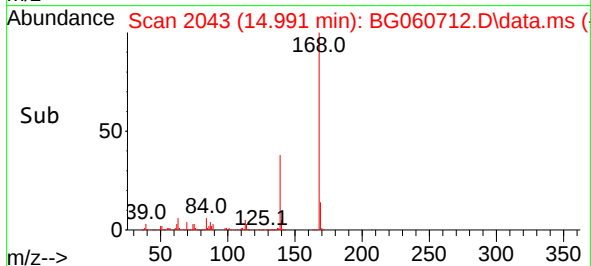
Tgt Ion:168 Resp: 98914
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.6 11.0 16.4

Manual Integrations

APPROVED

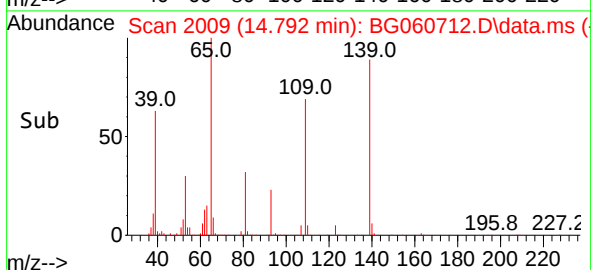
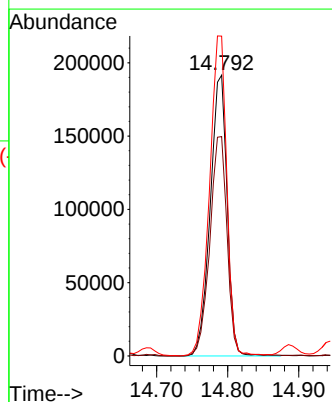
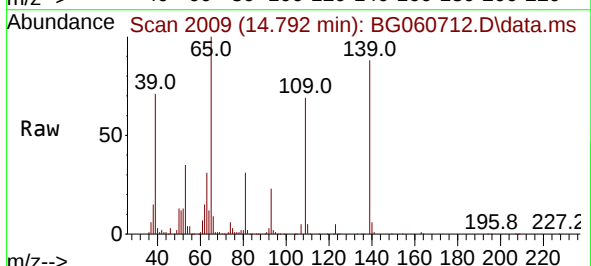
Reviewed By :Yogesh Patel 04/02/2024

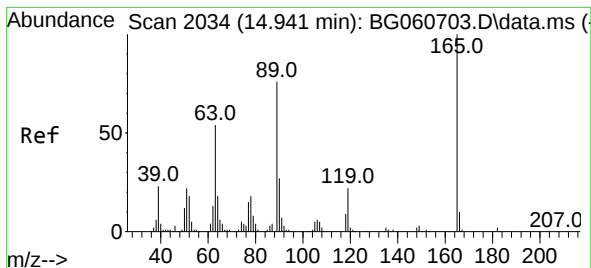
Supervised By :mohammad ahmed 04/02/2024



#56
4-Nitrophenol
Concen: 116.395 ng
RT: 14.792 min Scan# 2009
Delta R.T. 0.015 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:139 Resp: 316715
Ion Ratio Lower Upper
139 100
109 78.1 64.0 104.0
65 113.9 104.3 144.3





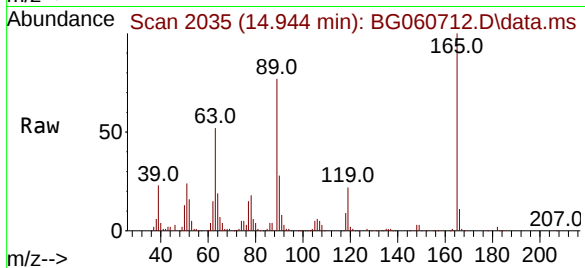
#57
2,4-Dinitrotoluene
Concen: 52.256 ng
RT: 14.944 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

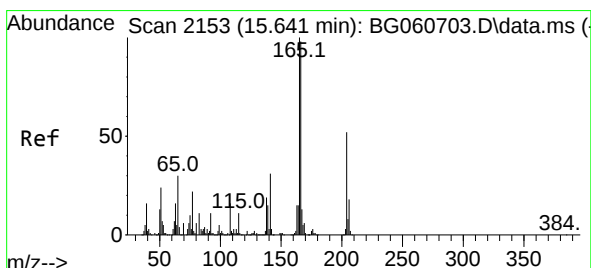
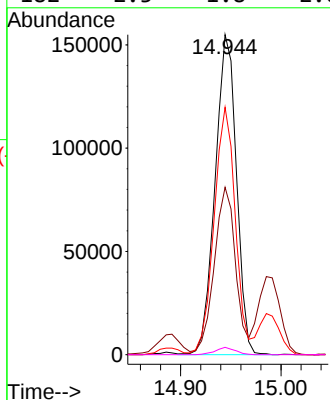
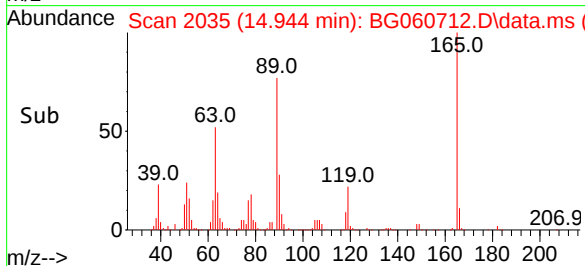


Tgt Ion:165 Resp: 22880
Ion Ratio Lower Upper
165 100
63 52.3 43.4 65.0
89 77.3 61.0 91.6
182 2.3 1.8 2.6

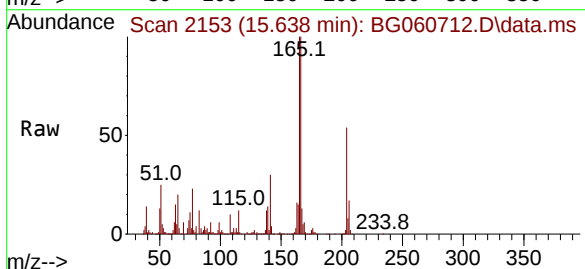
Manual Integrations

APPROVED

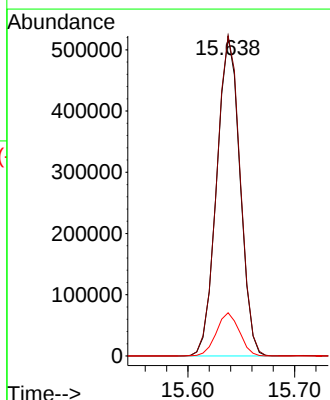
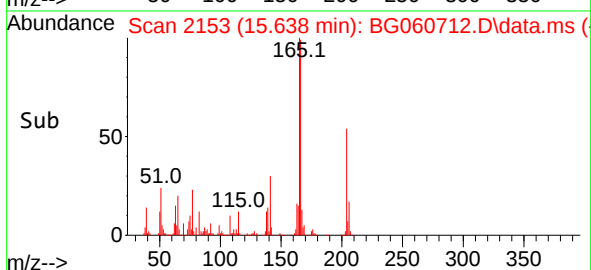
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

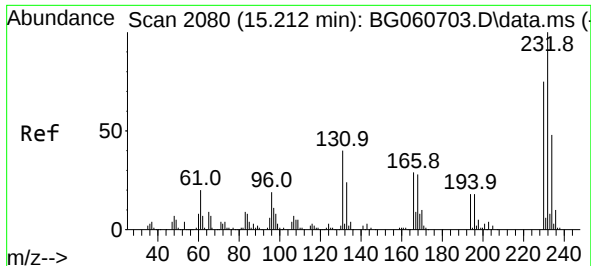


#58
Fluorene
Concen: 46.762 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:166 Resp: 789234
Ion Ratio Lower Upper
166 100
165 100.1 81.8 122.8
167 13.5 10.9 16.3





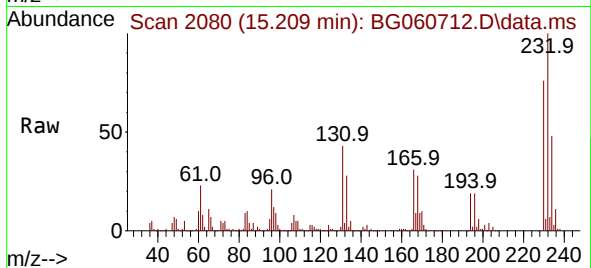
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.506 ng
RT: 15.209 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



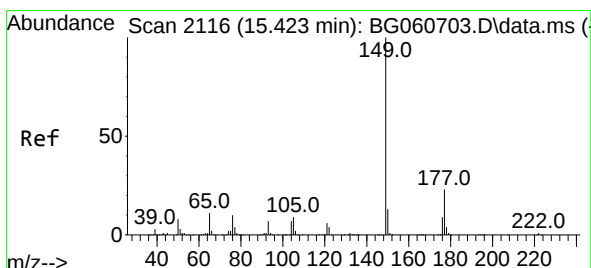
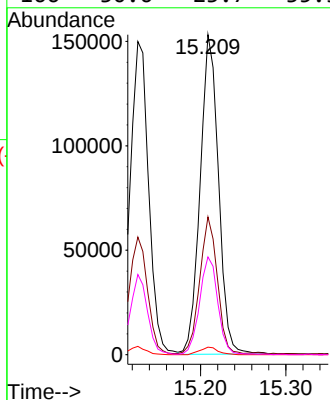
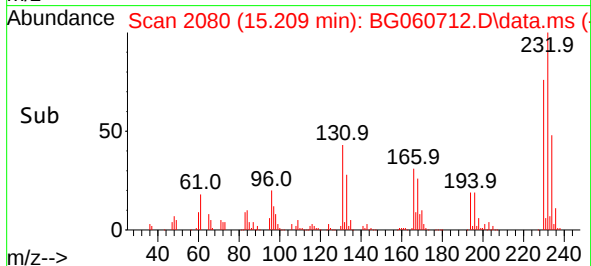
Tgt Ion:232 Resp: 228978
Ion Ratio Lower Upper
232 100
131 40.7 32.2 48.2
130 2.3 2.1 3.1
166 30.6 23.7 35.5

Manual Integrations

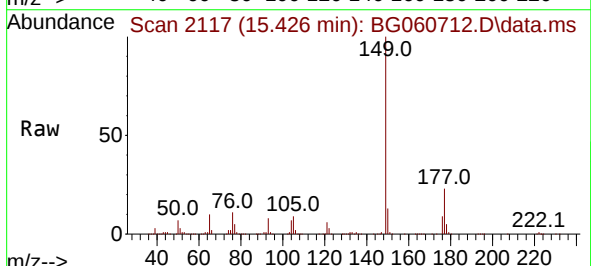
APPROVED

Reviewed By :Yogesh Patel 04/02/2024

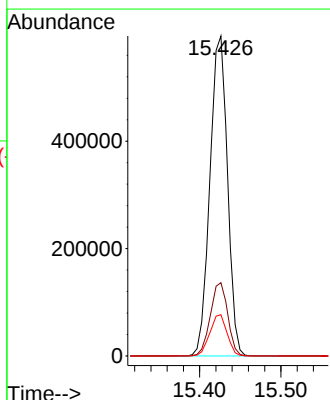
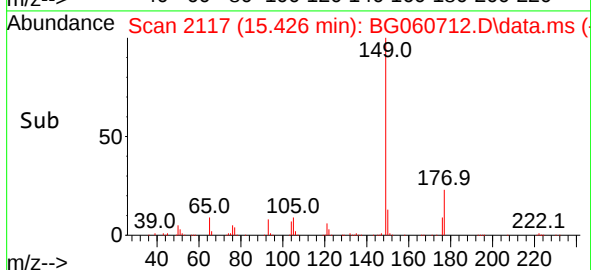
Supervised By :mohammad ahmed 04/02/2024



#60
Diethylphthalate
Concen: 47.685 ng
RT: 15.426 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



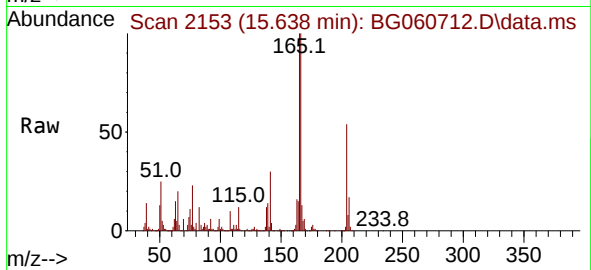
Tgt Ion:149 Resp: 892947
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.143 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

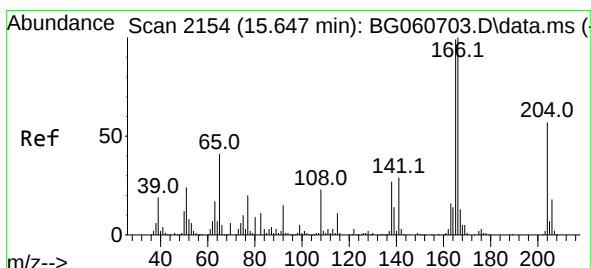
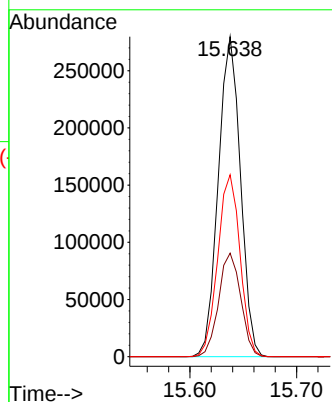
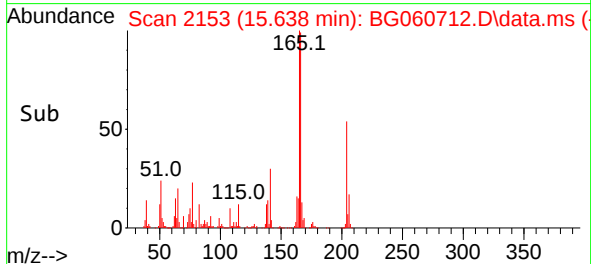
Instrument :
BNA_G
ClientSampleId :
PB159835BS



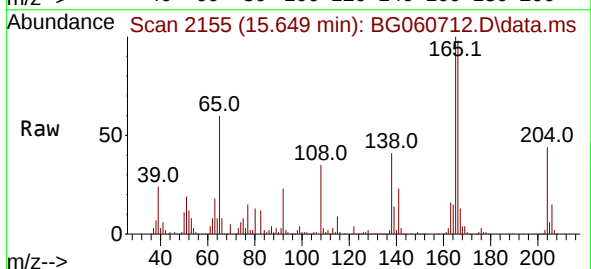
Tgt Ion:204 Resp: 40308
Ion Ratio Lower Upper
204 100
206 32.3 28.3 42.5
141 56.9 47.2 70.8

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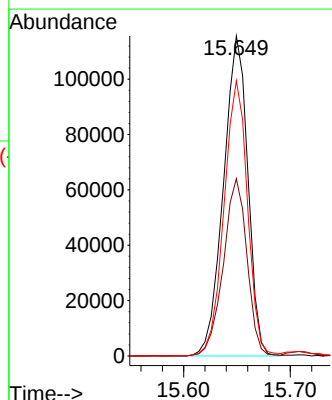
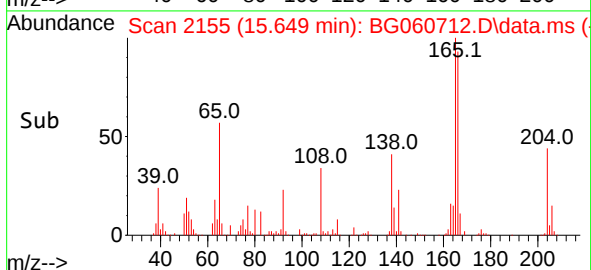
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

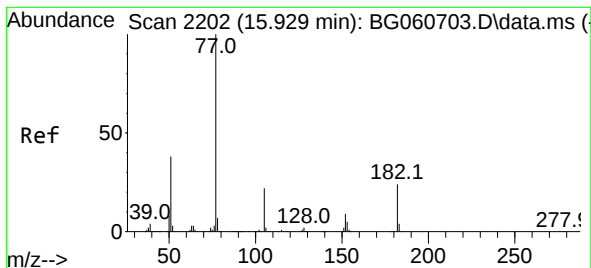


#62
4-Nitroaniline
Concen: 53.849 ng
RT: 15.649 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:138 Resp: 183251
Ion Ratio Lower Upper
138 100
92 55.4 36.8 76.8
108 86.0 66.9 106.9





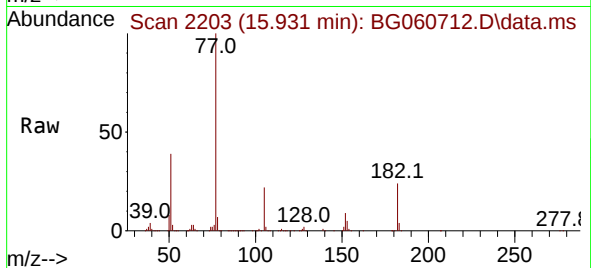
#63
Azobenzene
Concen: 47.570 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

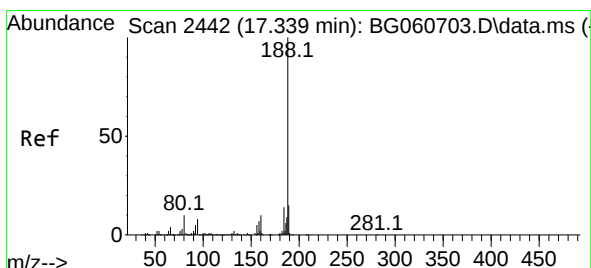
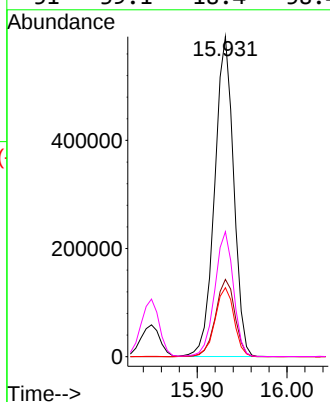
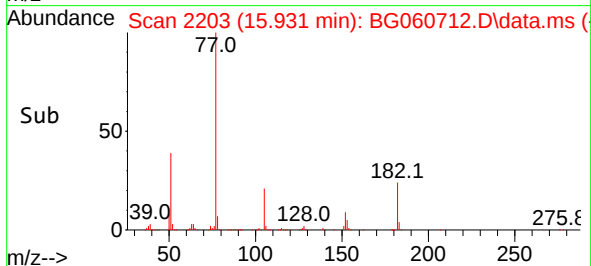


Tgt Ion: 77 Resp: 868040
Ion Ratio Lower Upper
77 100
182 24.1 3.9 43.9
105 21.6 1.7 41.7
51 39.1 18.4 58.4

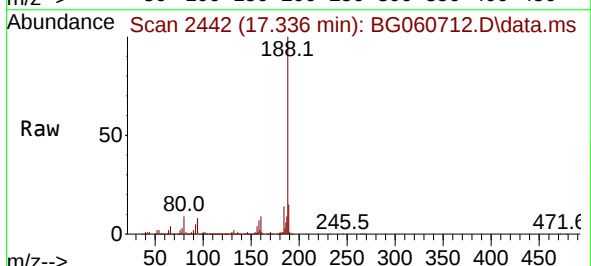
Manual Integrations

APPROVED

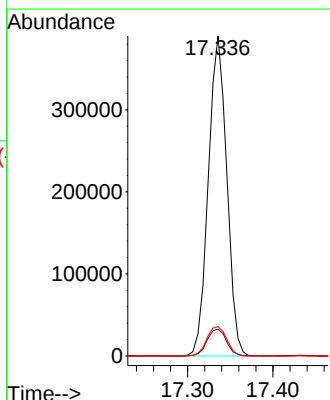
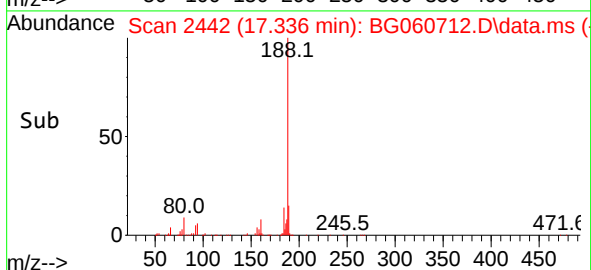
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

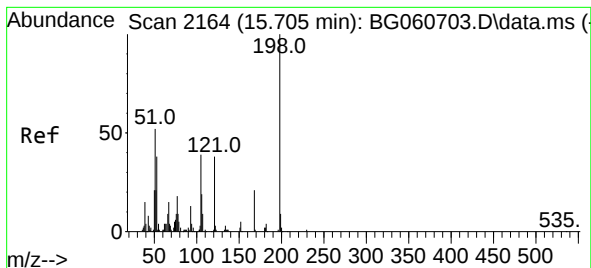


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



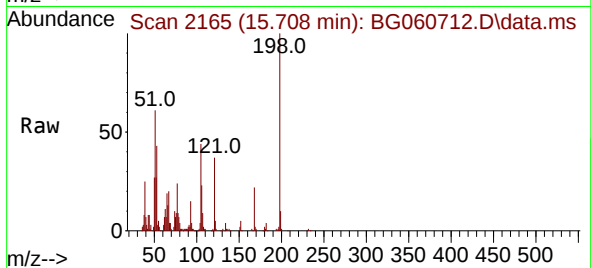
Tgt Ion:188 Resp: 585958
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 9.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.653 ng
RT: 15.708 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

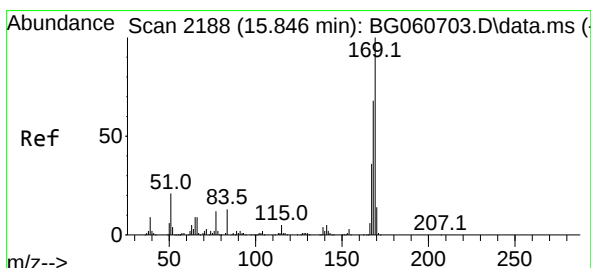
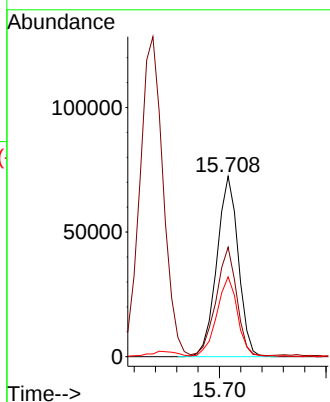
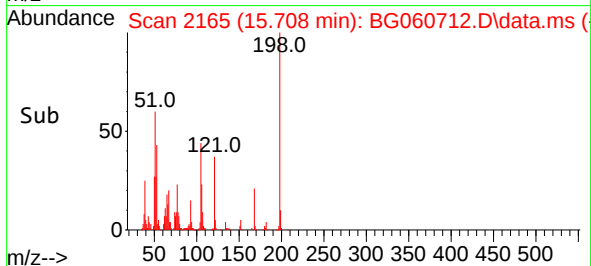
Instrument :
BNA_G
ClientSampleId :
PB159835BS



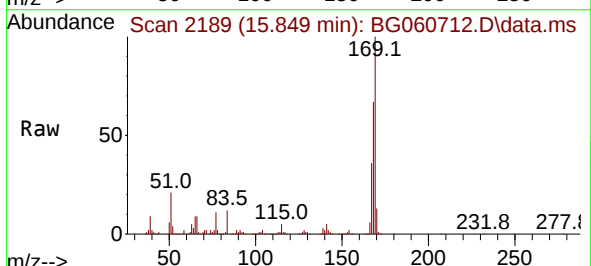
Tgt Ion:198 Resp: 100921
Ion Ratio Lower Upper
198 100
51 60.7 36.7 76.7
105 44.3 19.1 59.1

Manual Integrations
APPROVED

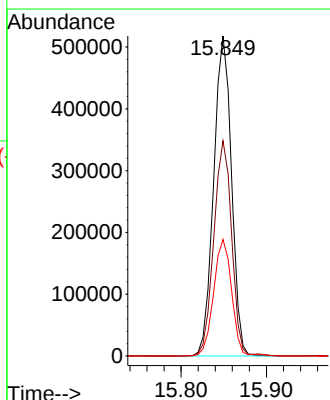
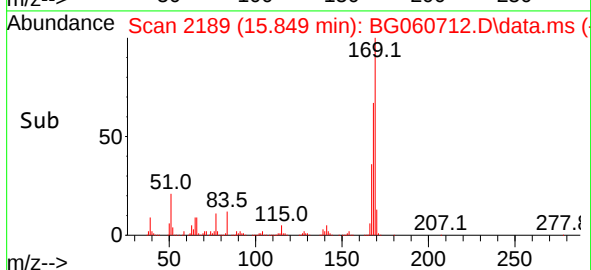
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

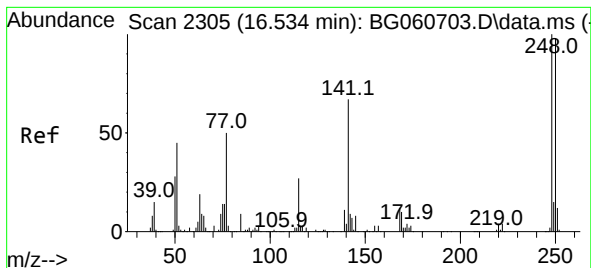


#66
n-Nitrosodiphenylamine
Concen: 44.855 ng
RT: 15.849 min Scan# 2189
Delta R.T. 0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:169 Resp: 751072
Ion Ratio Lower Upper
169 100
168 67.3 54.5 81.7
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.053 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

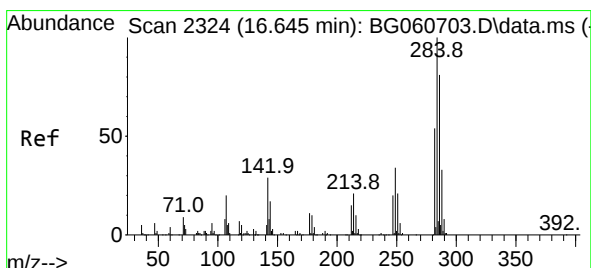
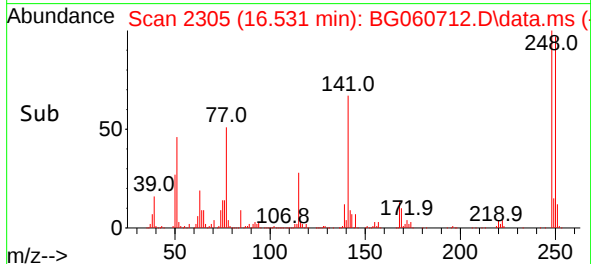
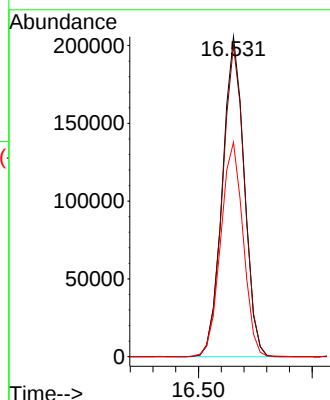
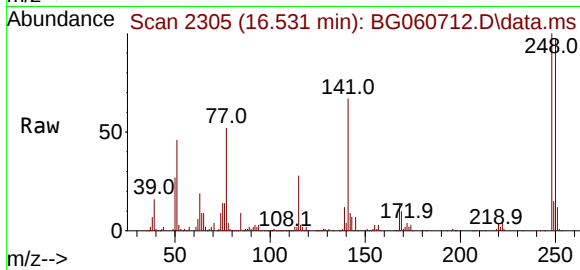
PB159835BS

Tgt Ion:248 Resp: 27386
Ion Ratio Lower Upper
248 100
250 97.3 78.3 117.5
141 67.0 53.7 80.5

Manual Integrations

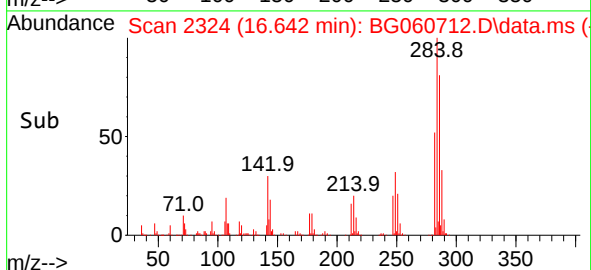
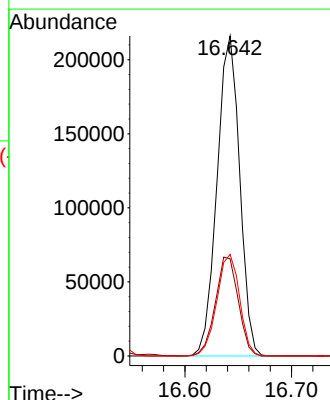
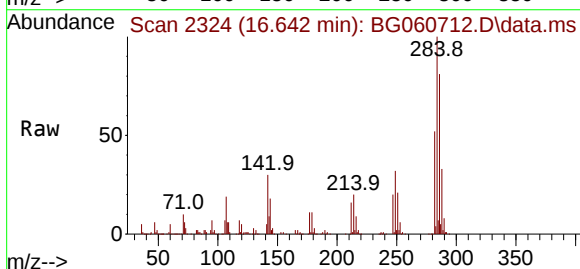
APPROVED

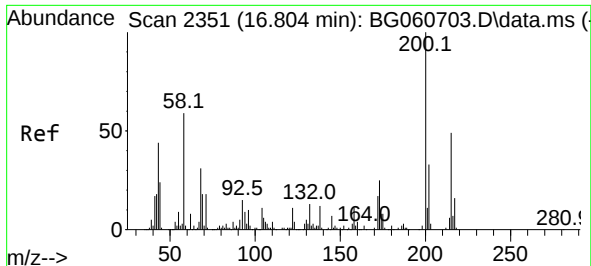
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#68
Hexachlorobenzene
Concen: 47.387 ng
RT: 16.642 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

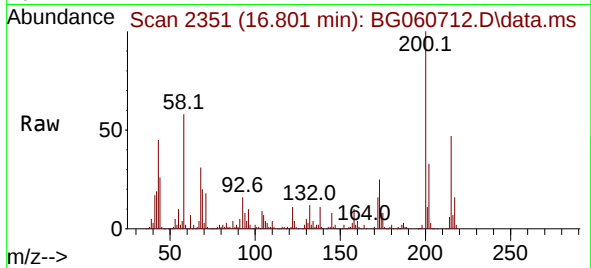
Tgt Ion:284 Resp: 318111
Ion Ratio Lower Upper
284 100
142 30.3 22.9 34.3
249 31.7 27.1 40.7





#69
 Atrazine
 Concen: 38.016 ng
 RT: 16.801 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060712.D
 Acq: 1 Apr 2024 12:30

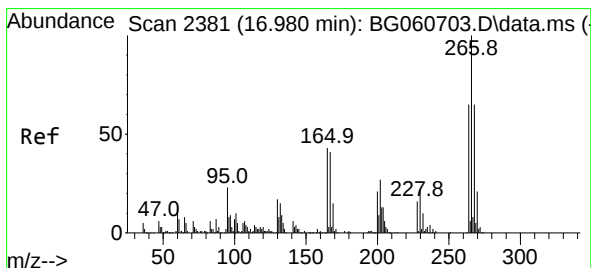
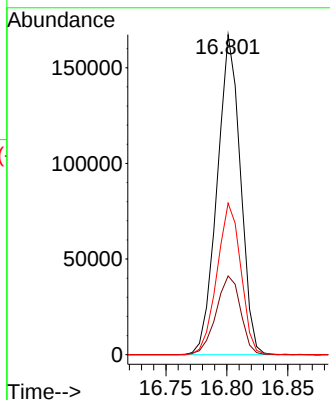
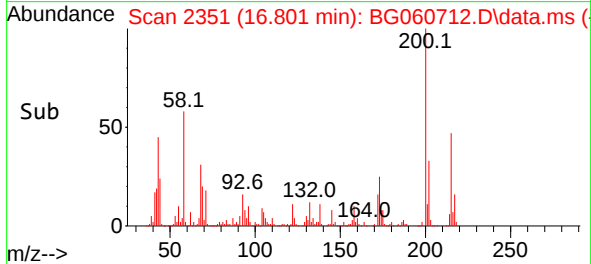
Instrument :
 BNA_G
 ClientSampleId :
 PB159835BS



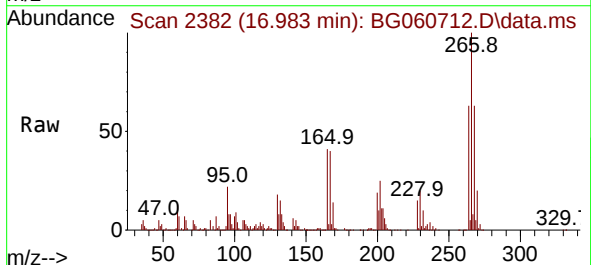
Tgt Ion:200 Resp: 22260
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.2 45.2
 215 47.3 28.8 68.8

Manual Integrations
 APPROVED

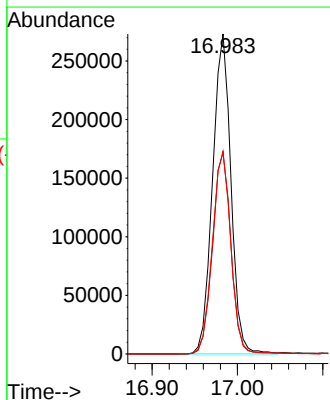
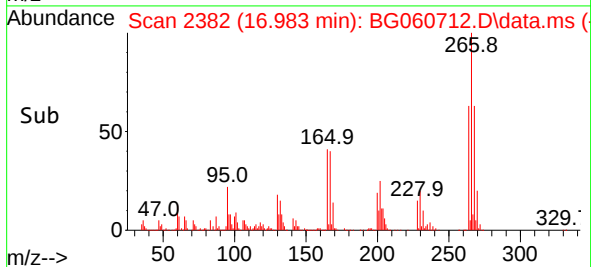
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

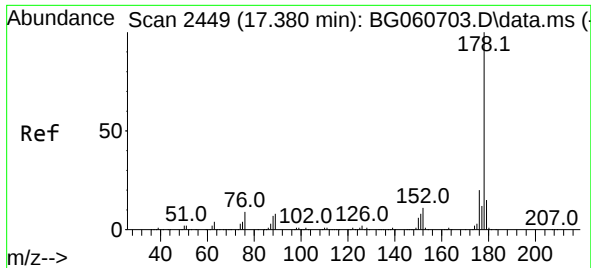


#70
 Pentachlorophenol
 Concen: 93.048 ng
 RT: 16.983 min Scan# 2382
 Delta R.T. 0.003 min
 Lab File: BG060712.D
 Acq: 1 Apr 2024 12:30



Tgt Ion:266 Resp: 407578
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.2 78.4
 264 63.3 51.8 77.6





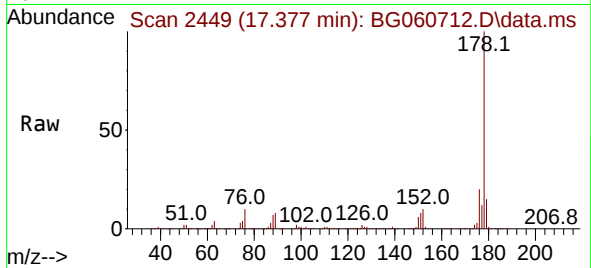
#71
Phenanthrene
Concen: 45.351 ng
RT: 17.377 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

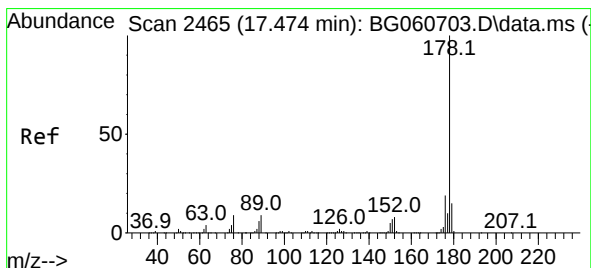
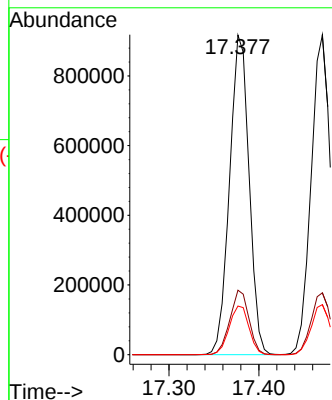
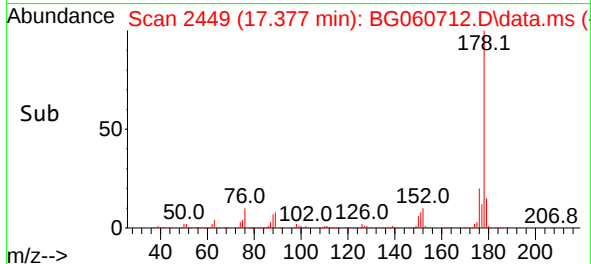


Tgt Ion:178 Resp: 1382030
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 15.2 12.2 18.4

Manual Integrations

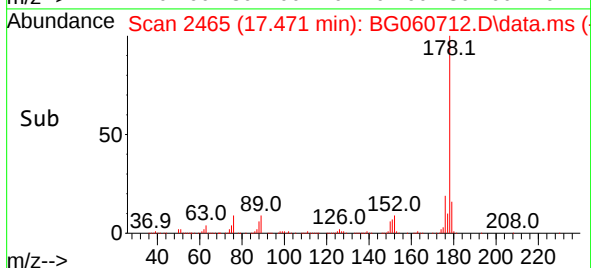
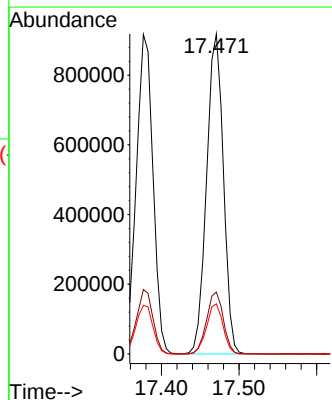
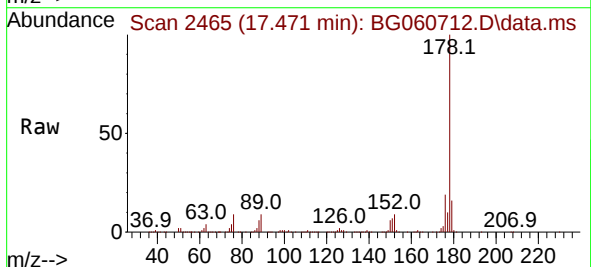
APPROVED

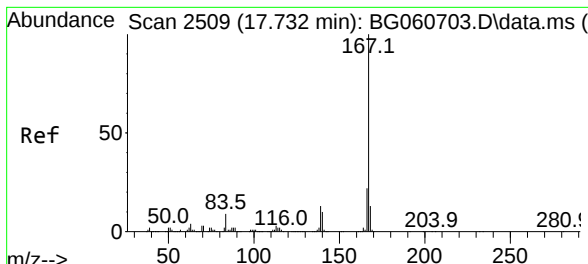
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024



#72
Anthracene
Concen: 44.616 ng
RT: 17.471 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

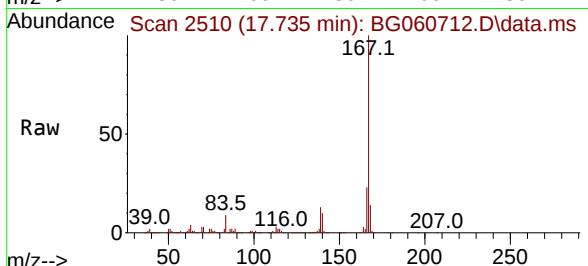
Tgt Ion:178 Resp: 1380812
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 46.482 ng
 RT: 17.735 min Scan# 2509
 Delta R.T. 0.003 min
 Lab File: BG060712.D
 Acq: 1 Apr 2024 12:30

Instrument : BNA_G
 ClientSampleId : PB159835BS

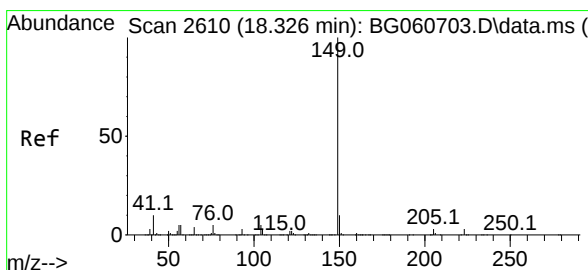
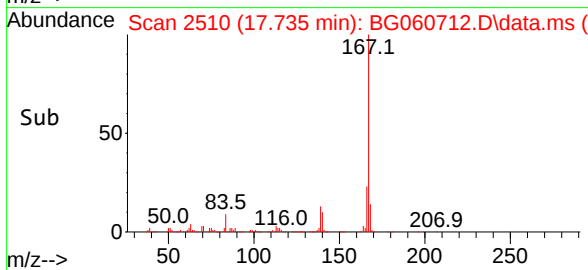
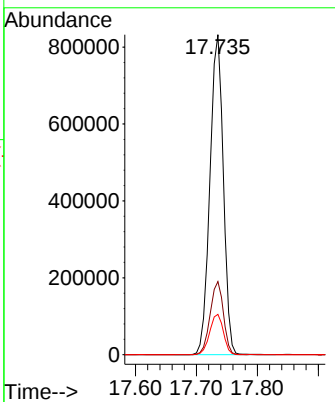


Tgt Ion:167 Resp: 1268350

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	12.6	10.5	15.7

Manual Integrations
 APPROVED

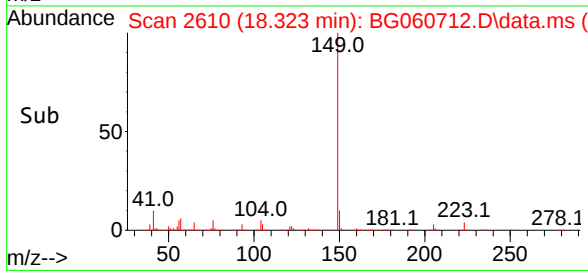
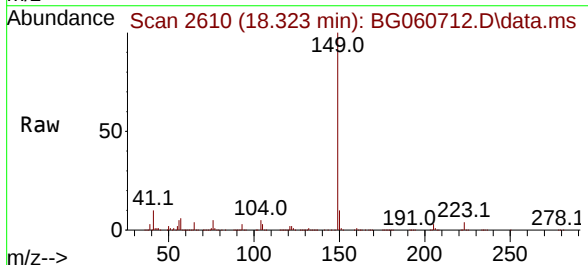
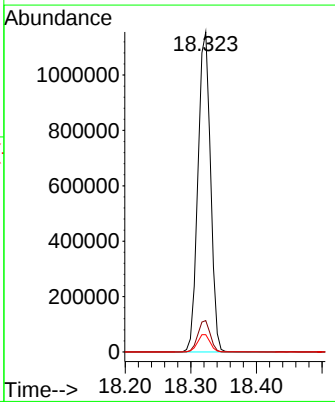
Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

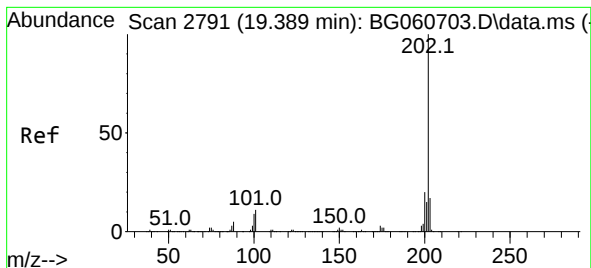


#74
 Di-n-butylphthalate
 Concen: 45.230 ng
 RT: 18.323 min Scan# 2610
 Delta R.T. -0.003 min
 Lab File: BG060712.D
 Acq: 1 Apr 2024 12:30

Tgt Ion:149 Resp: 1538708

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 44.386 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:202 Resp: 164136

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.8

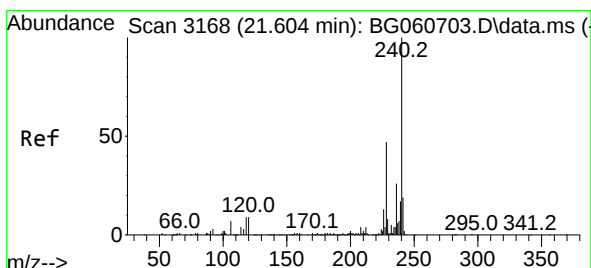
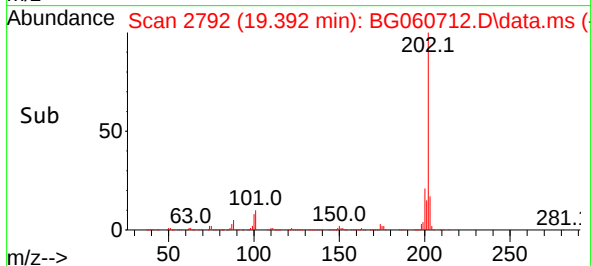
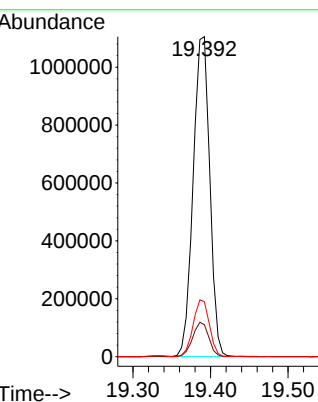
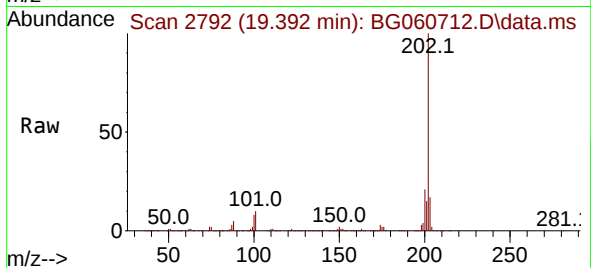
203 17.2 0.0 37.4

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: BG060712.D

Acq: 1 Apr 2024 12:30

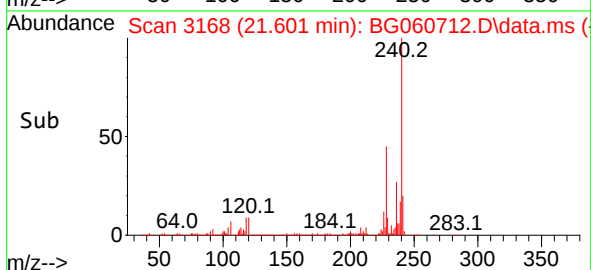
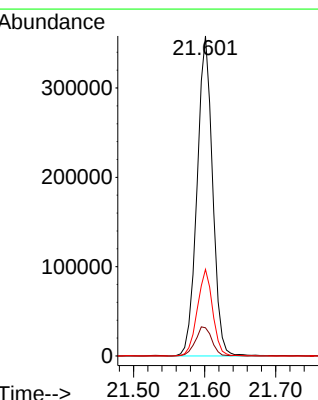
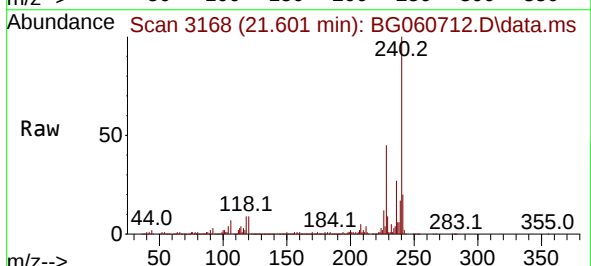
Tgt Ion:240 Resp: 543079

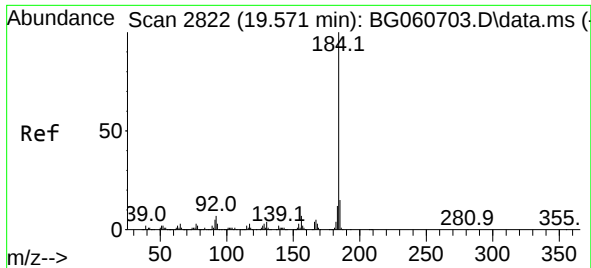
Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

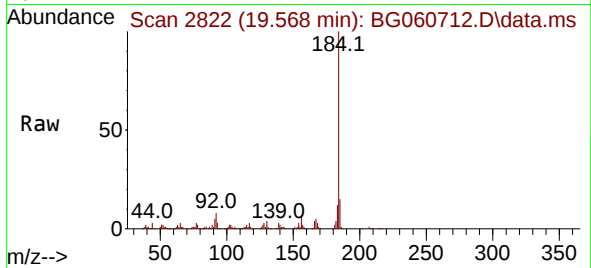
236 27.1 20.7 31.1





#77
Benzidine
Concen: 23.618 ng
RT: 19.568 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

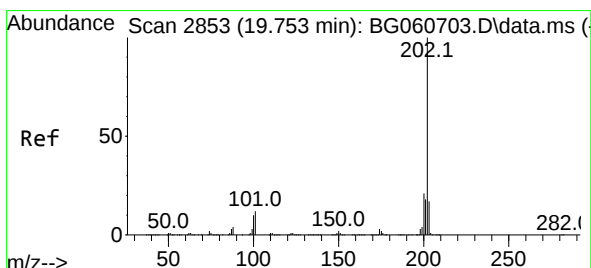
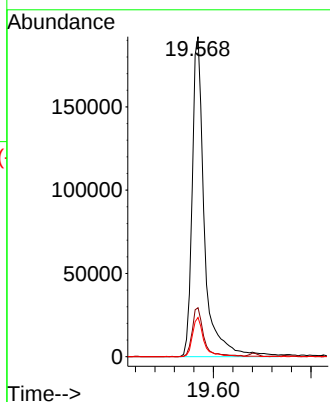
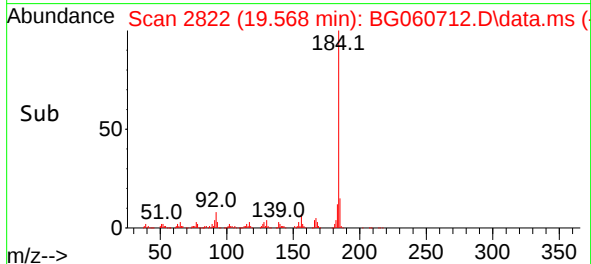
Instrument :
BNA_G
ClientSampleId :
PB159835BS



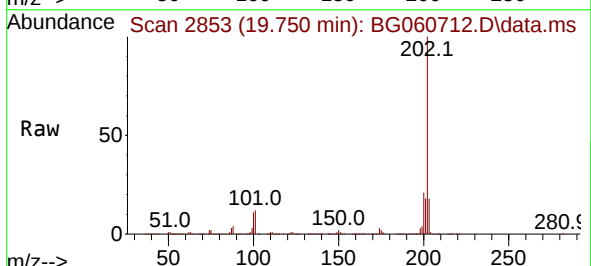
Tgt Ion:184 Resp: 337752
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.6
183 12.2 9.5 14.3

Manual Integrations
APPROVED

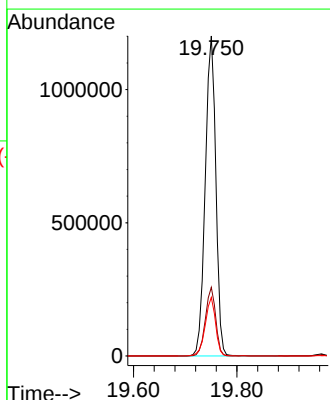
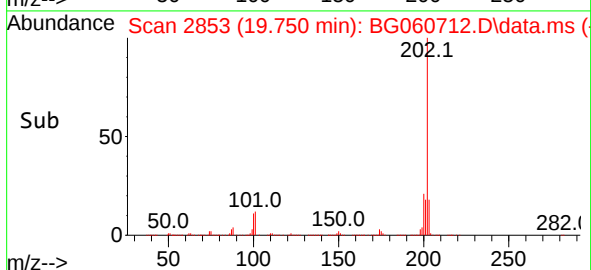
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

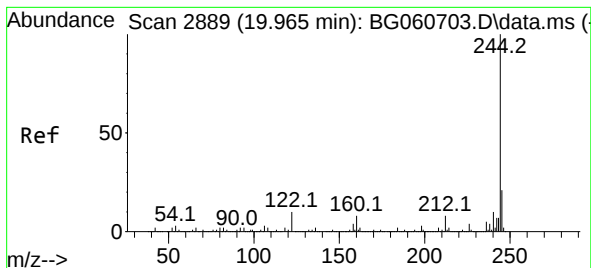


#78
Pyrene
Concen: 44.869 ng
RT: 19.750 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30



Tgt Ion:202 Resp: 1704214
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.3 14.0 21.0





#79

Terphenyl-d14

Concen: 82.410 ng

RT: 19.962 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG060712.D

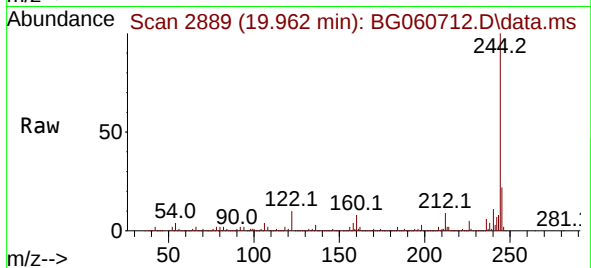
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



Tgt Ion:244 Resp: 254168

Ion Ratio Lower Upper

244 100

212 8.8 6.2 9.2

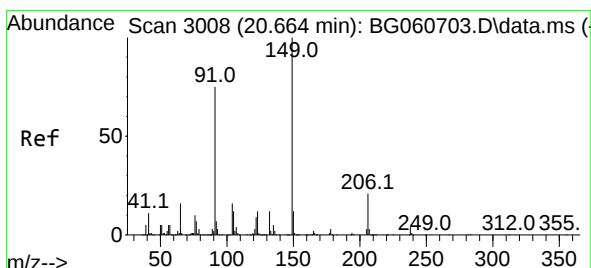
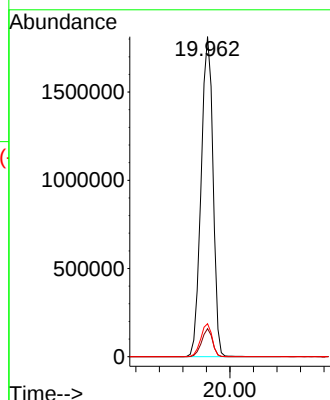
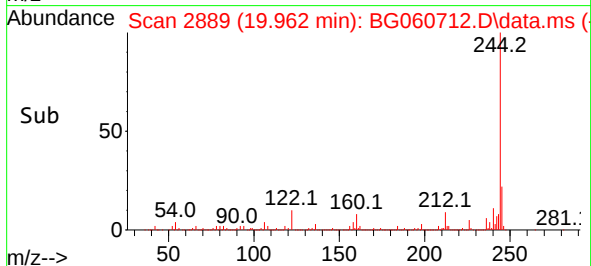
122 10.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#80

Butylbenzylphthalate

Concen: 47.227 ng

RT: 20.661 min Scan# 3008

Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

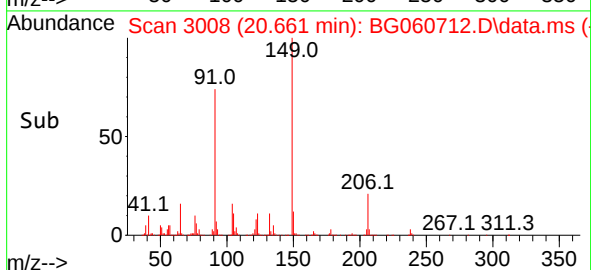
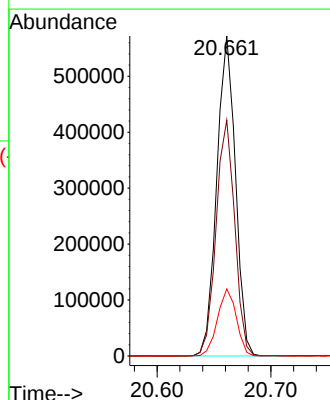
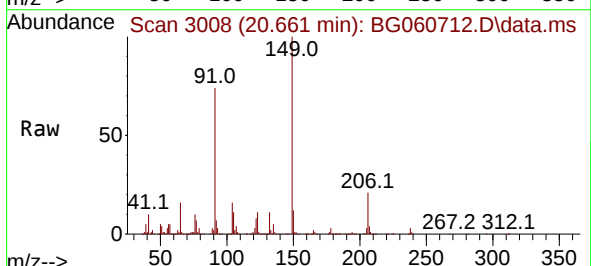
Tgt Ion:149 Resp: 654346

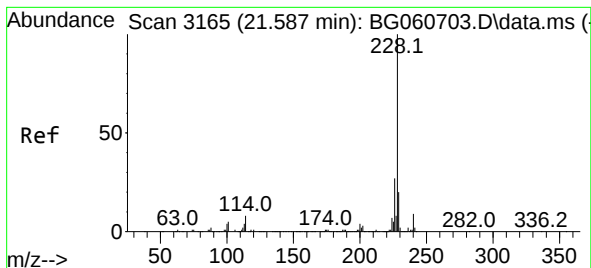
Ion Ratio Lower Upper

149 100

91 73.7 60.1 90.1

206 21.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.815 ng

RT: 21.584 min Scan# 3165

Delta R.T. -0.003 min

Lab File: BG060712.D

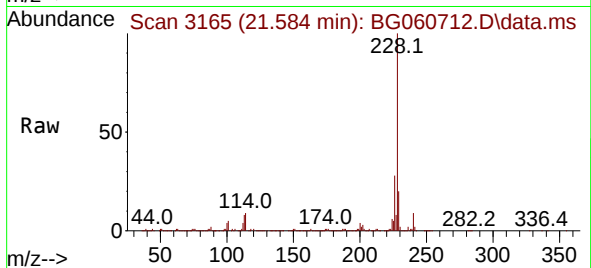
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



Tgt Ion:228 Resp: 175384

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

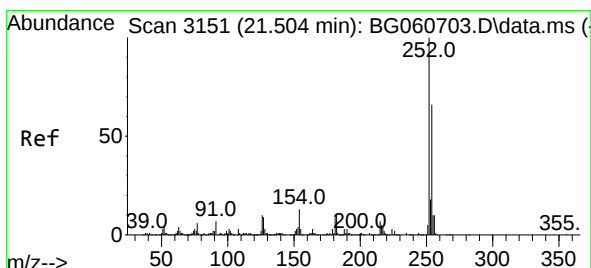
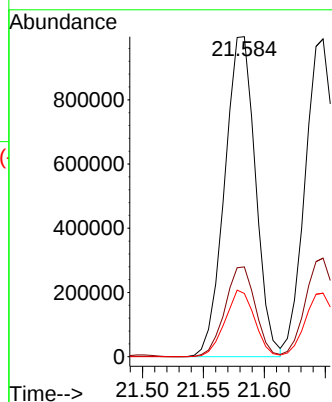
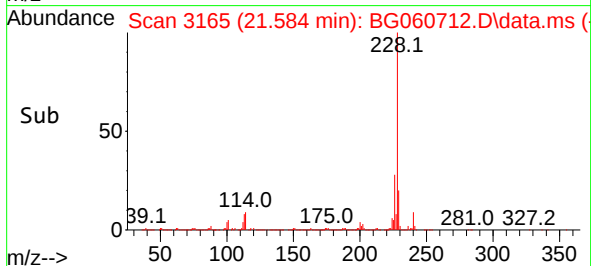
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.872 ng

RT: 21.495 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

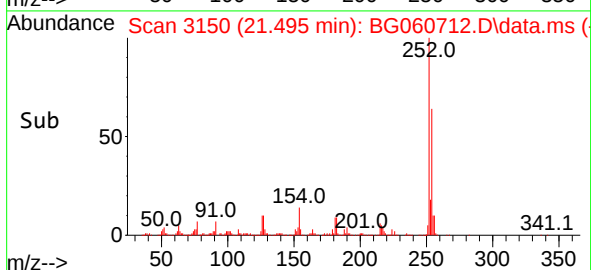
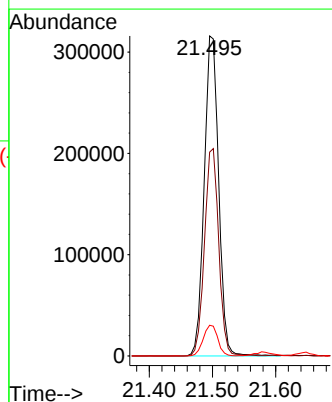
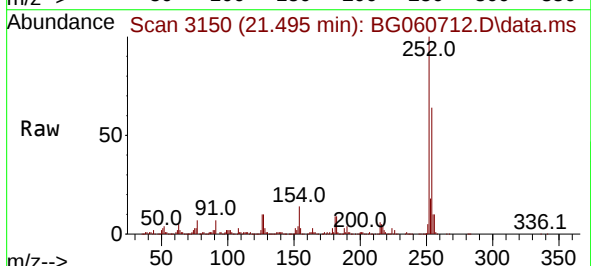
Tgt Ion:252 Resp: 502459

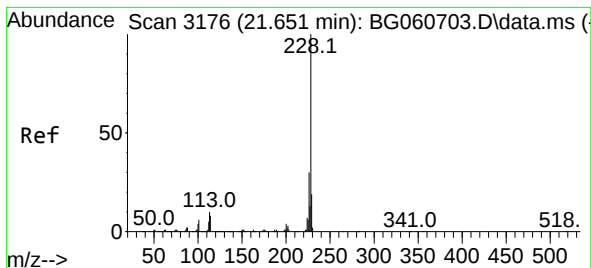
Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

126 9.6 7.8 11.8





#83

Chrysene

Concen: 45.193 ng

RT: 21.648 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:228 Resp: 1667518

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

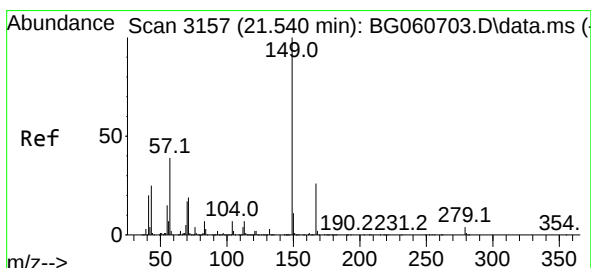
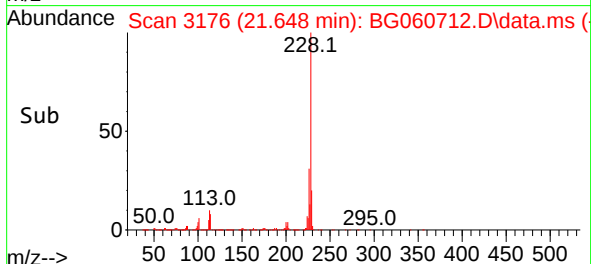
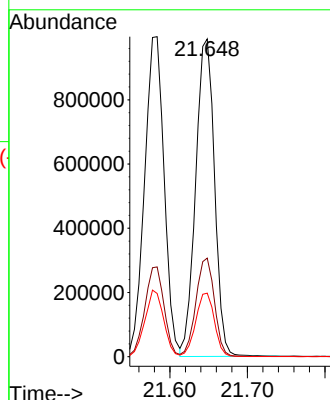
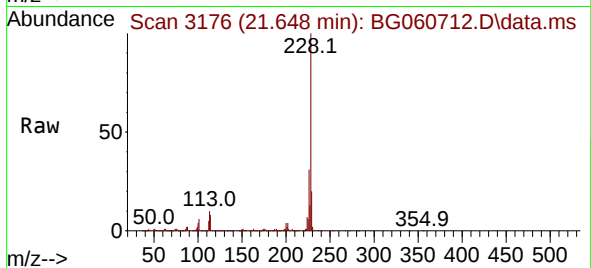
229 20.0 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.176 ng

RT: 21.537 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

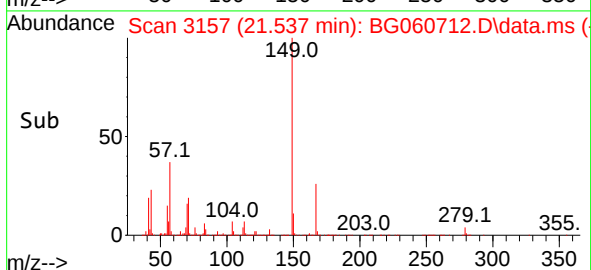
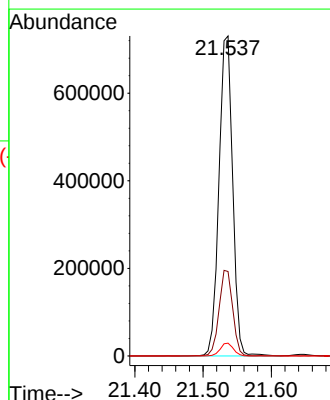
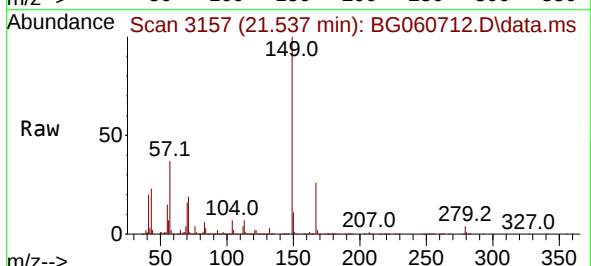
Tgt Ion:149 Resp: 1019721

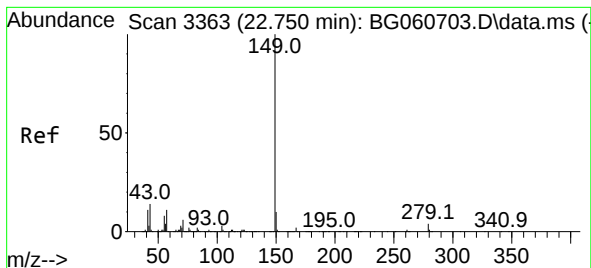
Ion Ratio Lower Upper

149 100

167 26.4 20.6 30.8

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.029 ng

RT: 22.735 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:149 Resp: 169191

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

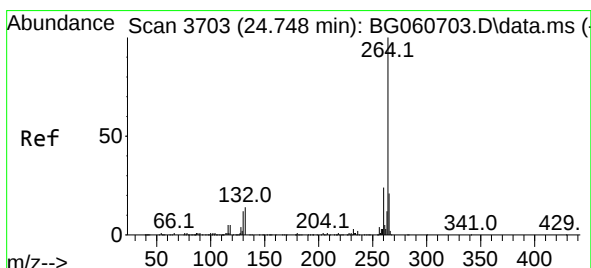
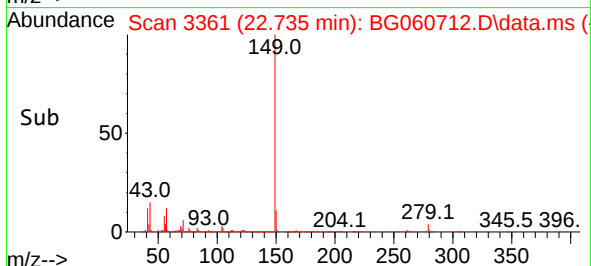
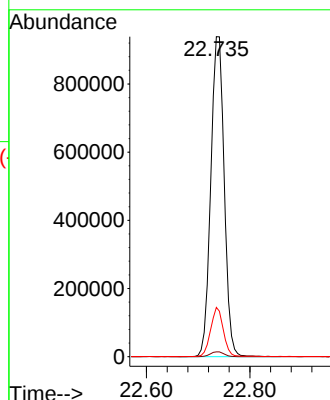
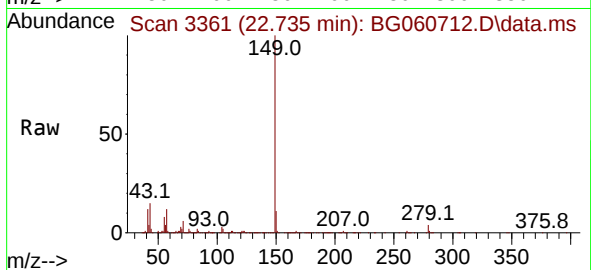
43 14.7 11.3 16.9

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: 24.733 min Scan# 3701

Delta R.T. -0.015 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

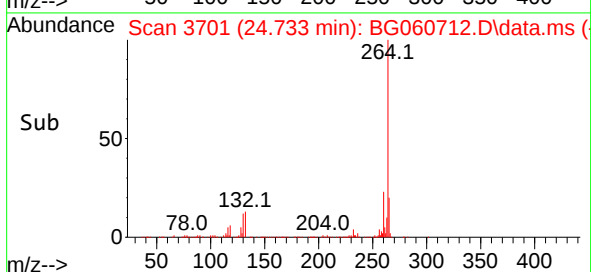
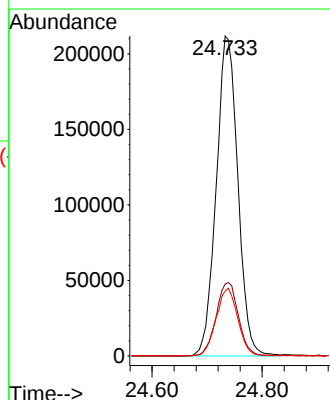
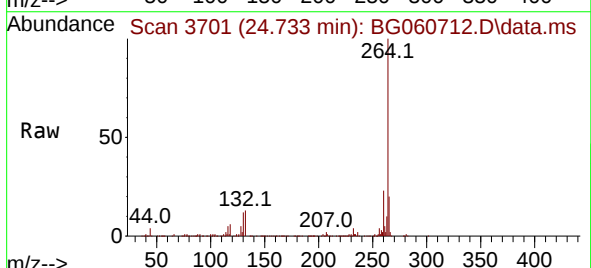
Tgt Ion:264 Resp: 577027

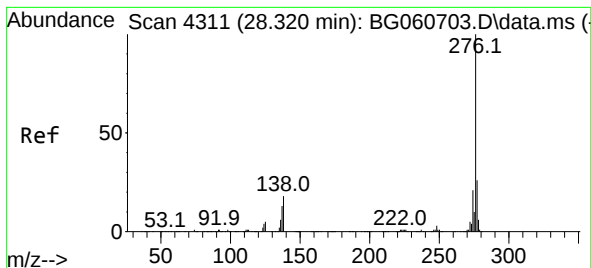
Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 20.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.824 ng

RT: 28.305 min Scan# 4311

Delta R.T. -0.015 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:276 Resp: 210585

Ion Ratio Lower Upper

276 100

138 14.4 12.4 18.6

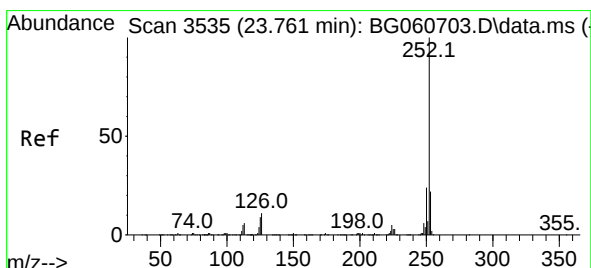
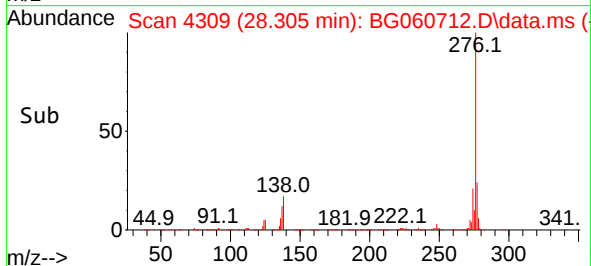
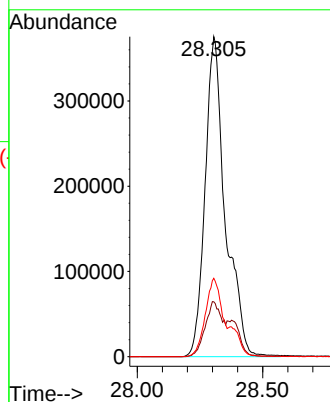
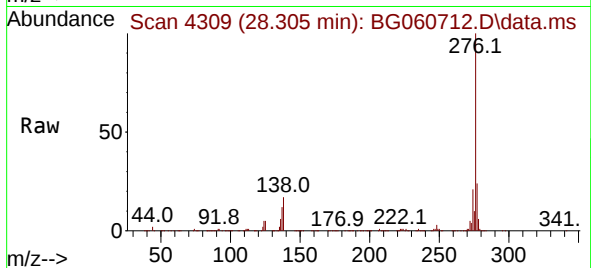
277 20.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#88

Benzo(b)fluoranthene

Concen: 51.900 ng

RT: 23.752 min Scan# 3534

Delta R.T. -0.009 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

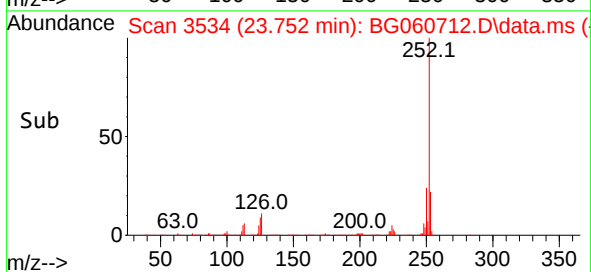
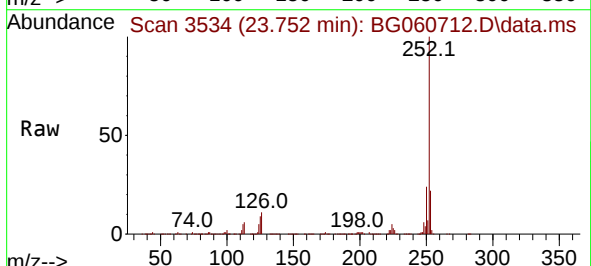
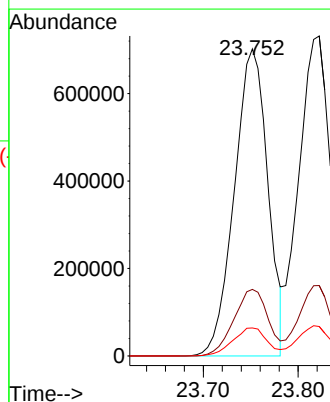
Tgt Ion:252 Resp: 1720486

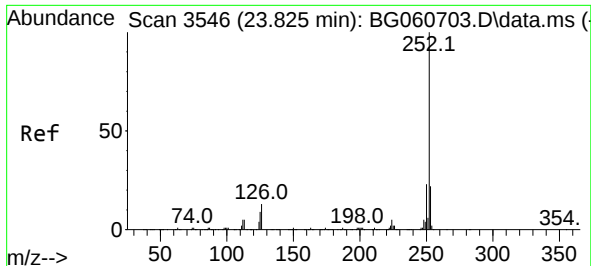
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 9.1 7.1 10.7





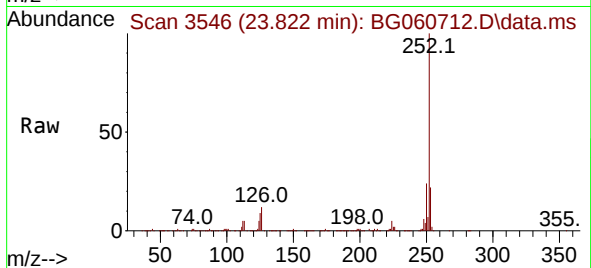
#89
Benzo(k)fluoranthene
Concen: 51.178 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS



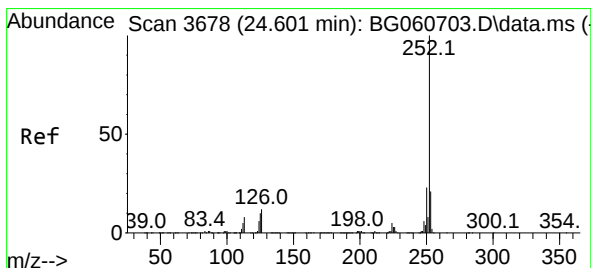
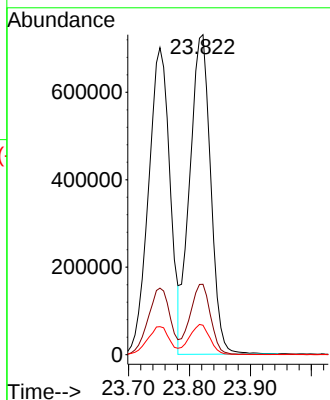
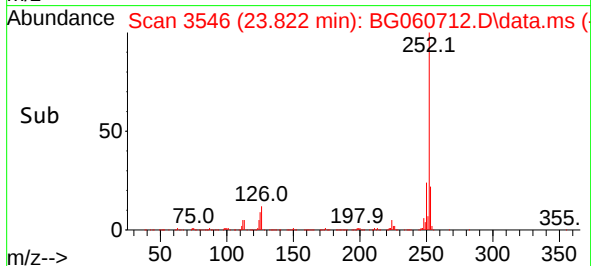
Tgt Ion:252 Resp: 1736479
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.2 7.5 11.3

Manual Integrations

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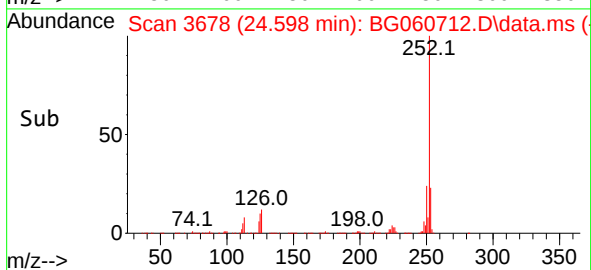
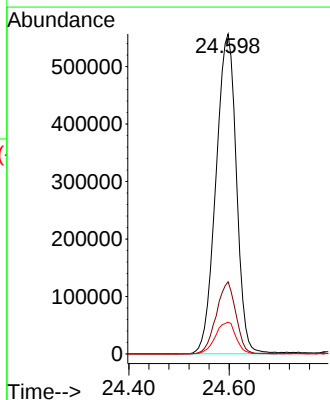
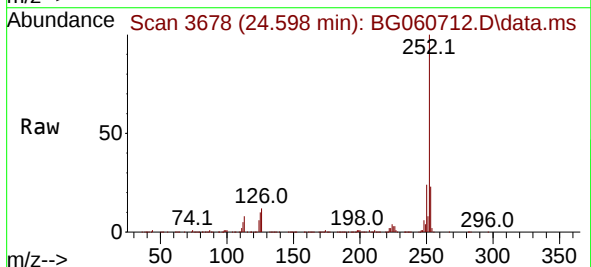
Reviewed By :Yogesh Patel 04/02/2024

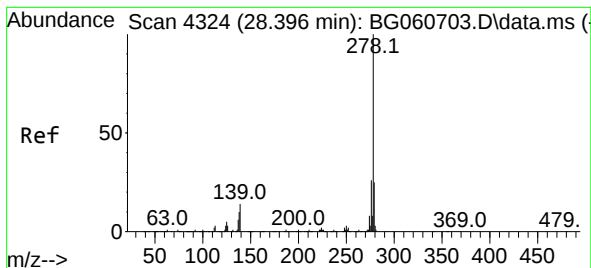
Supervised By :mohammad ahmed 04/02/2024



#90
Benzo(a)pyrene
Concen: 48.885 ng
RT: 24.598 min Scan# 3678
Delta R.T. -0.003 min
Lab File: BG060712.D
Acq: 1 Apr 2024 12:30

Tgt Ion:252 Resp: 1574847
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 10.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 52.008 ng

RT: 28.381 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Instrument :

BNA_G

ClientSampleId :

PB159835BS

Tgt Ion:278 Resp: 178145

Ion Ratio Lower Upper

278 100

139 12.9 11.1 16.7

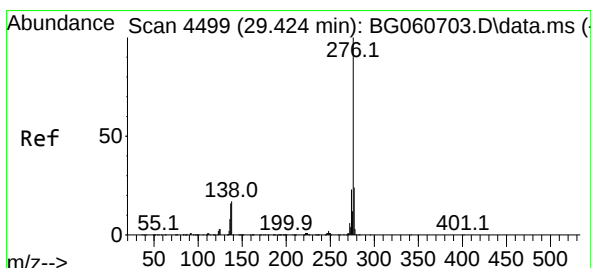
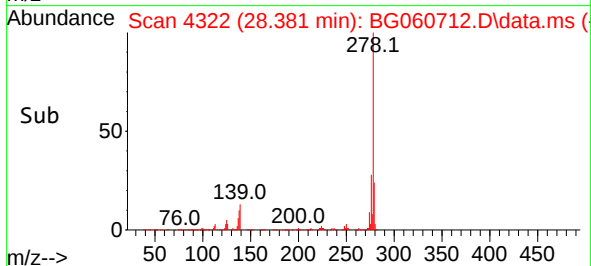
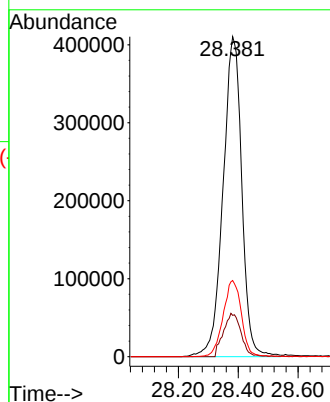
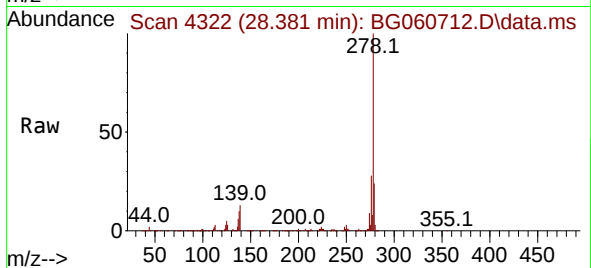
279 23.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024



#92

Benzo(g,h,i)perylene

Concen: 50.151 ng

RT: 29.421 min Scan# 4499

Delta R.T. -0.003 min

Lab File: BG060712.D

Acq: 1 Apr 2024 12:30

Tgt Ion:276 Resp: 1671082

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.7 14.0 21.0

