

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060793.D
 Acq On : 5 Apr 2024 12:59
 Operator : MA/JU
 Sample : P1957-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 01:39:30 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	7.955	152	49636	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	206925	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	174908	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	437598	20.000	ng	0.00
76) Chrysene-d12	21.598	240	407032	20.000	ng	0.00
86) Perylene-d12	24.741	264	476723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	336782	113.031	ng	0.00
7) Phenol-d6	7.115	99	466696	105.521	ng	0.00
23) Nitrobenzene-d5	9.106	82	340504	93.897	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	321892	162.122	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	891733	74.824	ng	0.00
79) Terphenyl-d14	19.958	244	1771986	76.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	38791	31.754	ng	# 23
3) Pyridine	3.860	79	93317	25.325	ng	90
4) n-Nitrosodimethylamine	3.766	42	85755	38.934	ng	99
6) Aniline	7.279	93	97285	17.419	ng	99
8) 2-Chlorophenol	7.520	128	139387	41.264	ng	98
9) Benzaldehyde	7.091	77	12870m	5.277	ng	
10) Phenol	7.144	94	168324	37.292	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	124930	34.281	ng	94
12) 1,3-Dichlorobenzene	7.843	146	136601	38.887	ng	98
13) 1,4-Dichlorobenzene	7.990	146	138419	38.623	ng	97
14) 1,2-Dichlorobenzene	8.307	146	134667	38.344	ng	98
15) Benzyl Alcohol	8.190	79	141747	39.566	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.478	45	300172	36.498	ng	99
17) 2-Methylphenol	8.395	107	121830	35.754	ng	97
18) Hexachloroethane	9.036	117	49315	38.745	ng	92
19) n-Nitroso-di-n-propyla...	8.760	70	117273	34.770	ng	# 95
20) 3+4-Methylphenols	8.719	107	172851	37.044	ng	96
22) Acetophenone	8.771	105	226098	39.627	ng	# 95
24) Nitrobenzene	9.153	77	165251	41.347	ng	96
25) Isophorone	9.676	82	322949	38.665	ng	99
26) 2-Nitrophenol	9.858	139	72055	50.448	ng	# 85
27) 2,4-Dimethylphenol	9.923	122	112809	33.622	ng	99
28) bis(2-Chloroethoxy)met...	10.158	93	182830	37.077	ng	98
29) 2,4-Dichlorophenol	10.399	162	147314	47.813	ng	97
30) 1,2,4-Trichlorobenzene	10.616	180	146892	42.104	ng	98
31) Naphthalene	10.804	128	434245	38.795	ng	99
32) Benzoic acid	10.041	122	103472	46.587	ng	92
33) 4-Chloroaniline	10.898	127	23854	4.588	ng	# 93
34) Hexachlorobutadiene	11.092	225	97210	41.808	ng	98
35) Caprolactam	11.668	113	48159m	39.466	ng	
36) 4-Chloro-3-methylphenol	12.026	107	180241	45.794	ng	98
37) 2-Methylnaphthalene	12.408	142	323302	39.287	ng	99
38) 1-Methylnaphthalene	12.626	142	297361	38.250	ng	100
40) 1,2,4,5-Tetrachloroben...	12.779	216	197217	39.220	ng	99
41) Hexachlorocyclopentadiene	12.761	237	196617	76.899	ng	98
43) 2,4,6-Trichlorophenol	13.014	196	148069	45.731	ng	95

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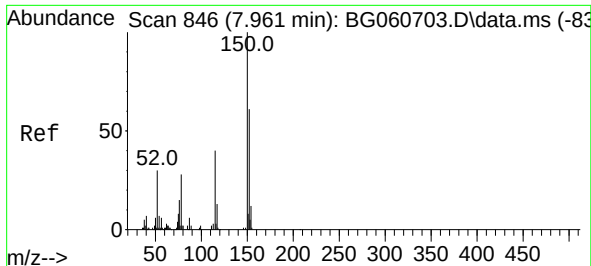
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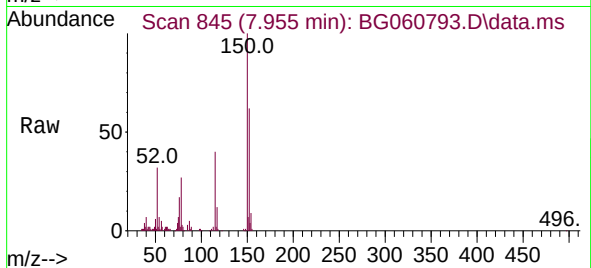
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	166904	43.194	ng	96
46) 1,1'-Biphenyl	13.419	154	476852	38.598	ng	99
47) 2-Chloronaphthalene	13.460	162	374751	39.925	ng	98
48) 2-Nitroaniline	13.654	65	149796	49.036	ng	99
49) Acenaphthylene	14.306	152	659447	41.812	ng	100
50) Dimethylphthalate	14.042	163	553074	40.006	ng	99
51) 2,6-Dinitrotoluene	14.153	165	114771	46.486	ng	98
52) Acenaphthene	14.647	154	453006m	45.747	ng	
53) 3-Nitroaniline	14.477	138	36456	15.479	ng	95
54) 2,4-Dinitrophenol	14.688	184	130731	135.854	ng	89
55) Dibenzofuran	14.988	168	630044	40.337	ng	98
56) 4-Nitrophenol	14.788	139	189422	93.725	ng	98
57) 2,4-Dinitrotoluene	14.941	165	168846	51.954	ng	94
58) Fluorene	15.634	166	521273	41.582	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.211	232	163721	48.619	ng	99
60) Diethylphthalate	15.417	149	554305	39.853	ng	99
61) 4-Chlorophenyl-phenyle...	15.634	204	276800	41.737	ng	92
62) 4-Nitroaniline	15.646	138	115791	45.810	ng	97
63) Azobenzene	15.928	77	535326	39.497	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	96973	52.863	ng	95
66) n-Nitrosodiphenylamine	15.846	169	491452	39.301	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	192870	43.429	ng	96
68) Hexachlorobenzene	16.639	284	223540	44.589	ng	97
69) Atrazine	16.797	200	154666	35.369	ng	99
70) Pentachlorophenol	16.979	266	302196	92.380	ng	97
71) Phenanthrene	17.379	178	913216	40.126	ng	100
72) Anthracene	17.467	178	927314	40.121	ng	99
73) Carbazole	17.732	167	821191	40.297	ng	99
74) Di-n-butylphthalate	18.313	149	987011	38.850	ng	100
75) Fluoranthene	19.388	202	1101696	39.893	ng	98
77) Benzidine	19.582	184	61713m	5.758	ng	
78) Pyrene	19.747	202	1154318	40.550	ng	99
80) Butylbenzylphthalate	20.658	149	448184	43.160	ng	96
81) Benzo(a)anthracene	21.580	228	1175111	40.957	ng	98
82) 3,3'-Dichlorobenzidine	21.498	252	162316	16.755	ng	98
83) Chrysene	21.645	228	1125300	40.692	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	660353	39.897	ng	98
85) Di-n-octyl phthalate	22.726	149	1156923	42.907	ng	100
87) Indeno(1,2,3-cd)pyrene	28.307	276	1441030	42.925	ng	97
88) Benzo(b)fluoranthene	23.748	252	1181420	43.137	ng	100
89) Benzo(k)fluoranthene	23.819	252	1153807	41.160	ng	98
90) Benzo(a)pyrene	24.594	252	1099423	41.308	ng	98
91) Dibenzo(a,h)anthracene	28.384	278	1181490	41.750	ng	# 96
92) Benzo(g,h,i)perylene	29.418	276	1109133	40.290	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

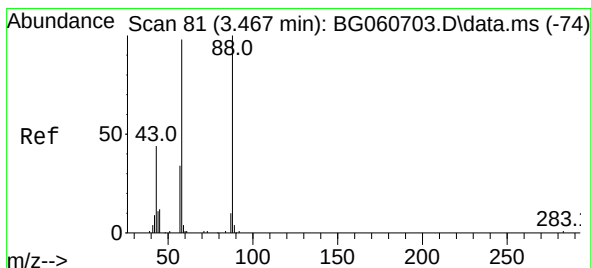
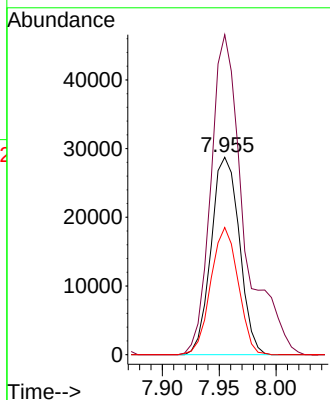
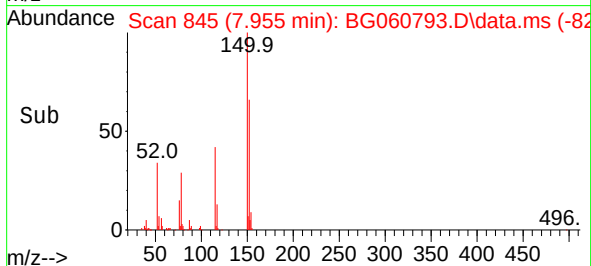
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



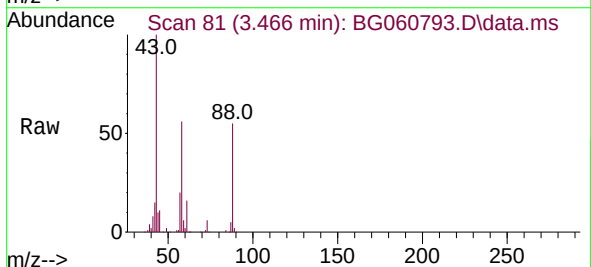
Tgt Ion:152 Resp: 49630
Ion Ratio Lower Upper
152 100
150 162.0 130.2 195.4
115 64.4 51.6 77.4

Manual Integrations
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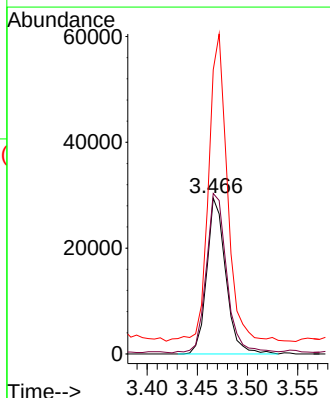
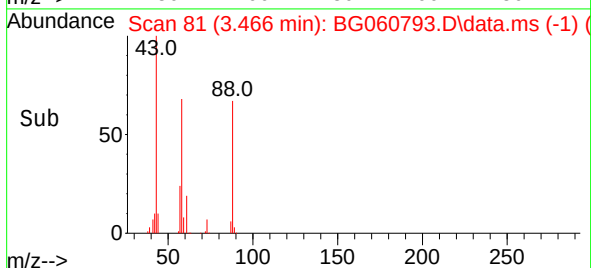
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

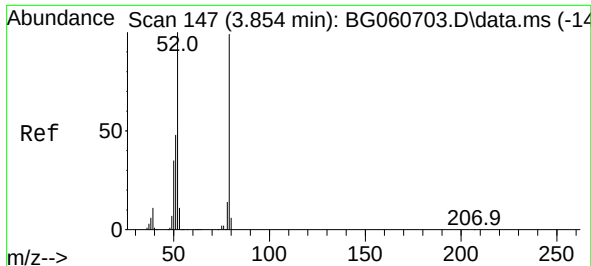


#2
1,4-Dioxane
Concen: 31.754 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



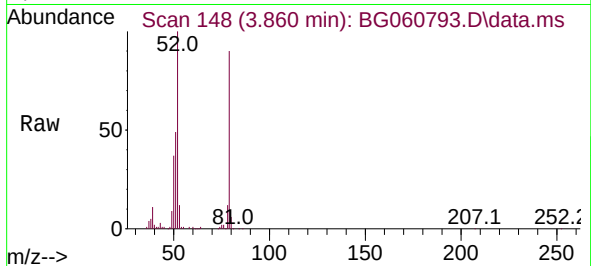
Tgt Ion: 88 Resp: 38791
Ion Ratio Lower Upper
88 100
58 110.1 80.9 121.3
43 196.0 35.4 53.0#





#3
Pyridine
Concen: 25.325 ng
RT: 3.860 min Scan# 147
Delta R.T. 0.005 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

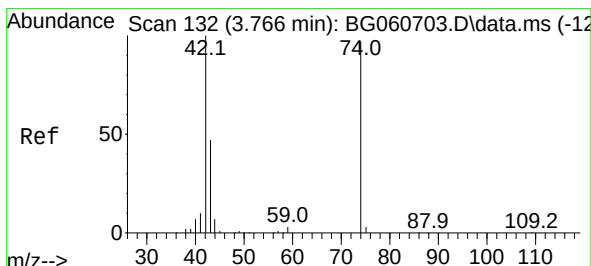
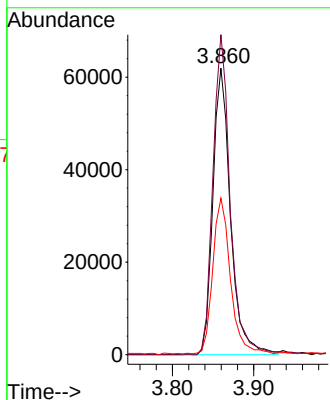
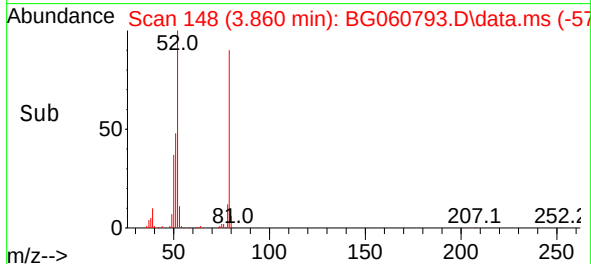
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 9331
Ion Ratio Lower Upper
79 100
52 111.7 80.6 120.8
51 54.6 39.1 58.7

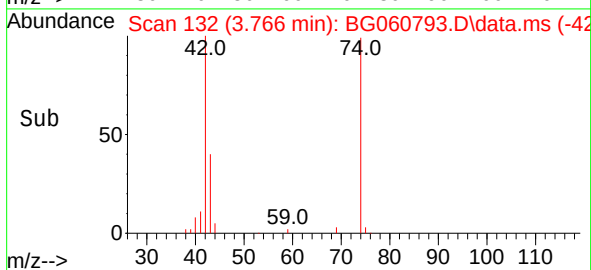
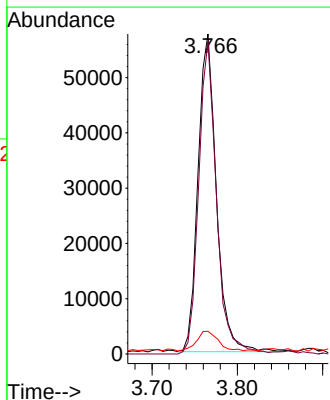
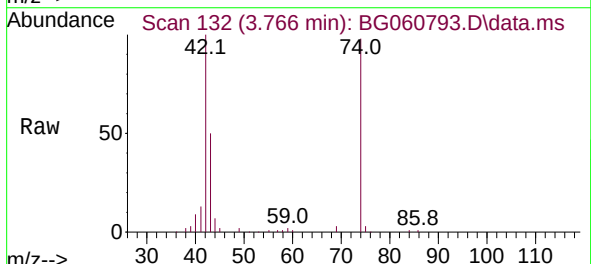
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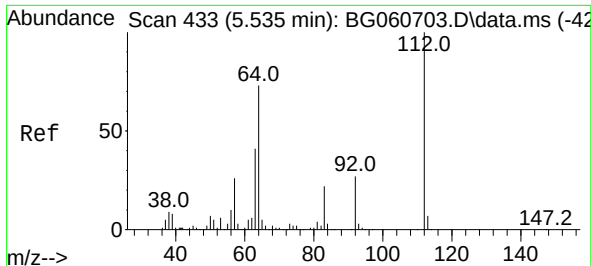
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#4
n-Nitrosodimethylamine
Concen: 38.934 ng
RT: 3.766 min Scan# 132
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

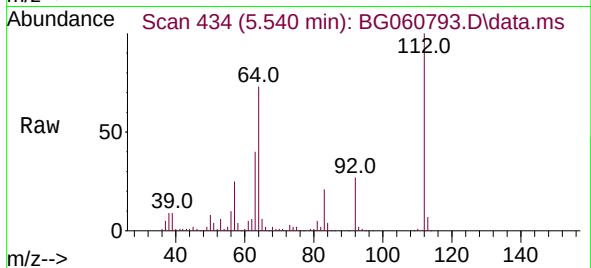
Tgt Ion: 42 Resp: 85755
Ion Ratio Lower Upper
42 100
74 97.7 77.8 116.8
44 7.1 6.8 10.2





#5
2-Fluorophenol
Concen: 113.031 ng
RT: 5.540 min Scan# 433
Delta R.T. 0.005 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

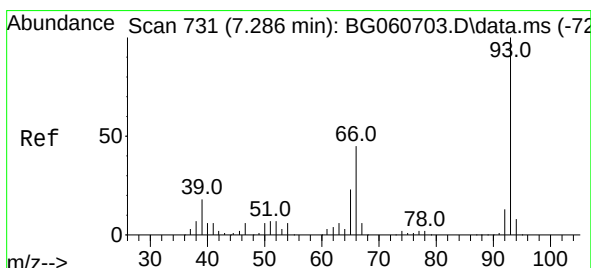
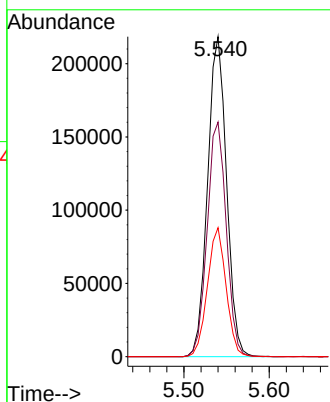
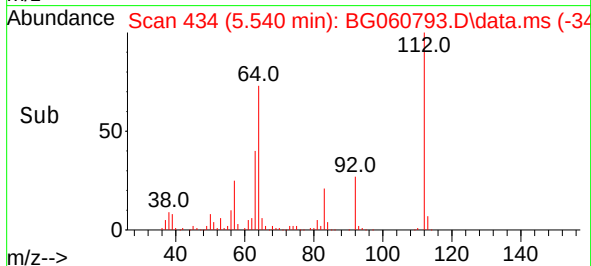
Instrument :
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Tgt Ion:112 Resp: 336782
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 40.3 32.7 49.1

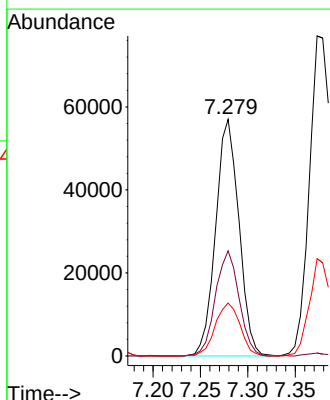
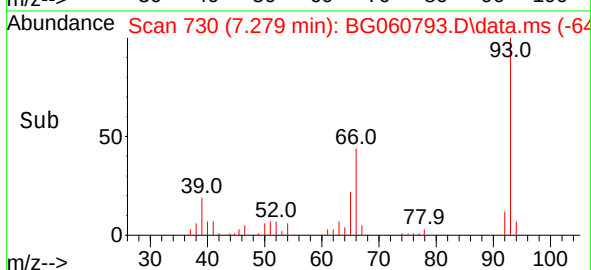
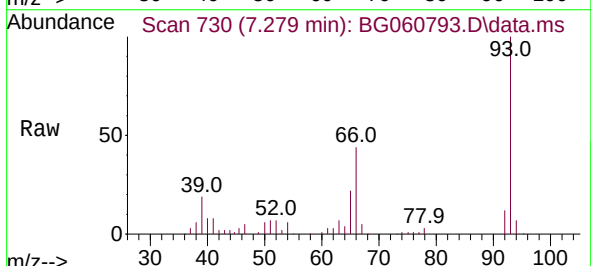
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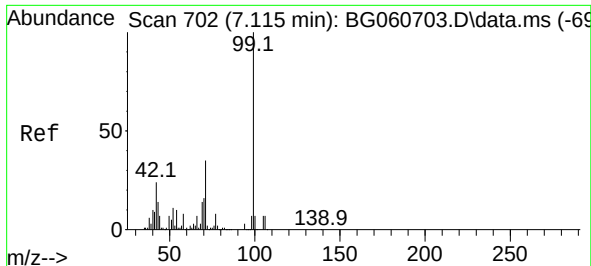
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#6
Aniline
Concen: 17.419 ng
RT: 7.279 min Scan# 730
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

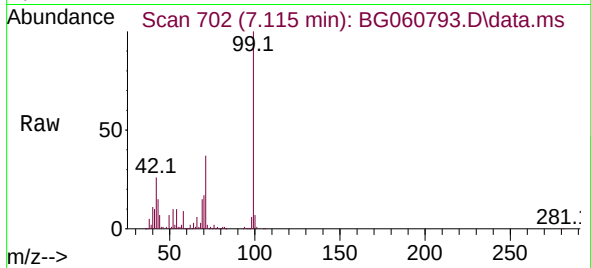
Tgt Ion: 93 Resp: 97285
Ion Ratio Lower Upper
93 100
66 44.4 36.1 54.1
65 22.4 18.1 27.1





#7
Phenol-d6
Concen: 105.521 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

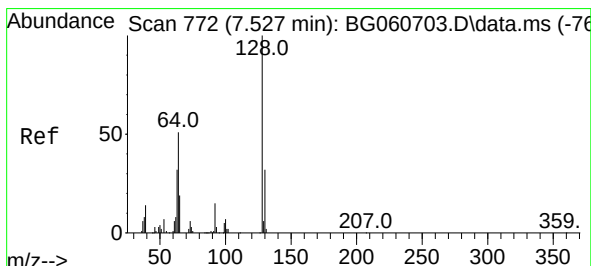
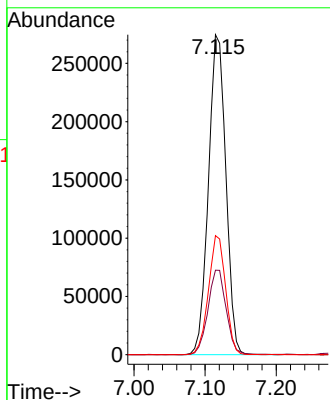
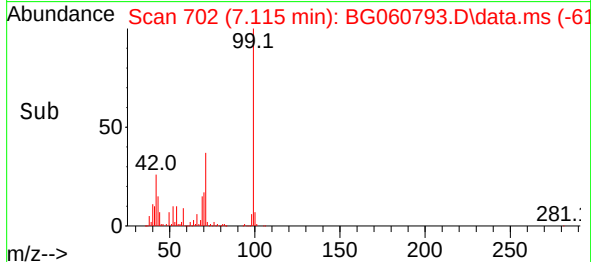
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Tgt Ion: 99 Resp: 466690
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 37.2 28.2 42.2

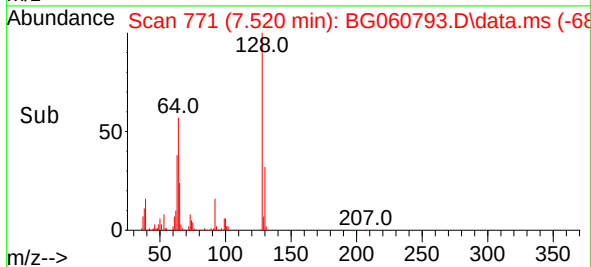
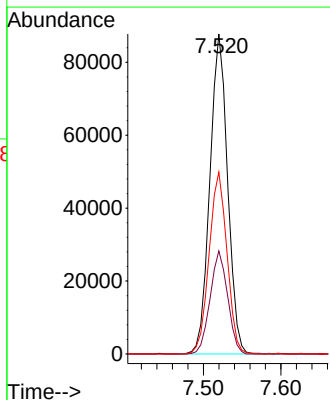
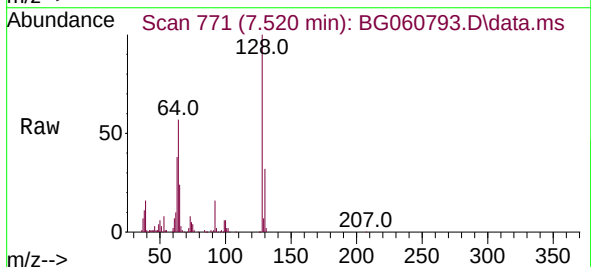
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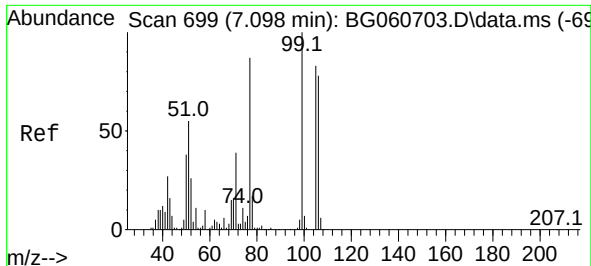
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#8
2-Chlorophenol
Concen: 41.264 ng
RT: 7.520 min Scan# 771
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

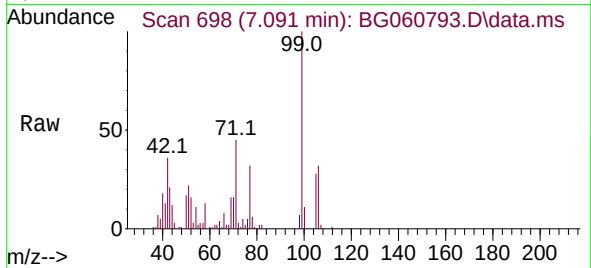
Tgt Ion:128 Resp: 139387
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 56.8 35.0 75.0





#9
Benzaldehyde
Concen: 5.277 ng m
RT: 7.091 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

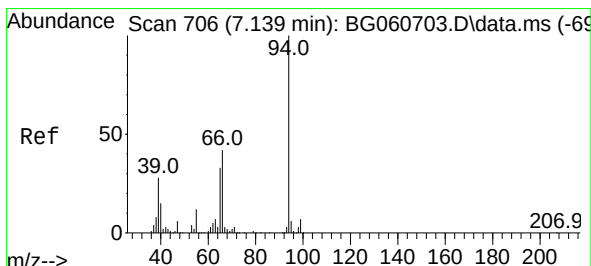
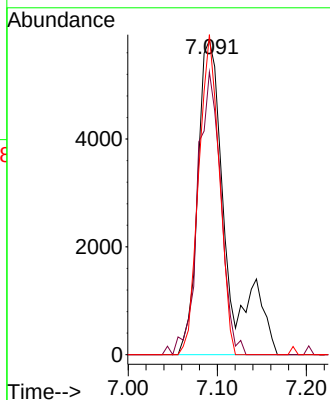
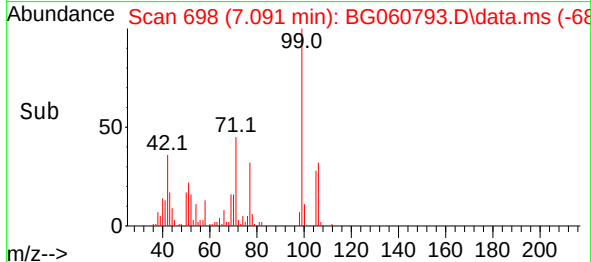
Instrument :
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ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion: 77 Resp: 12870
Ion Ratio Lower Upper
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105 90.0 76.0 116.0
106 101.9 70.3 110.3

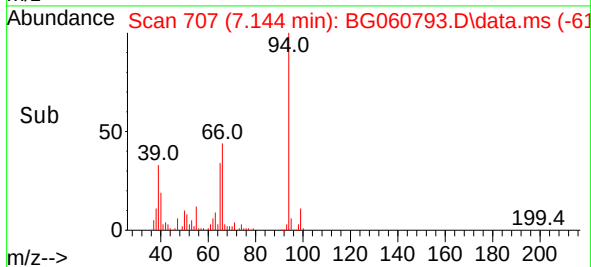
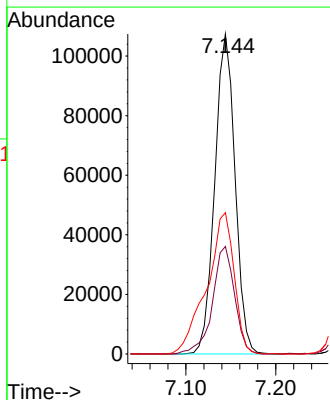
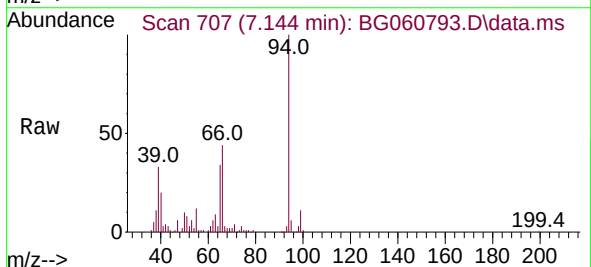
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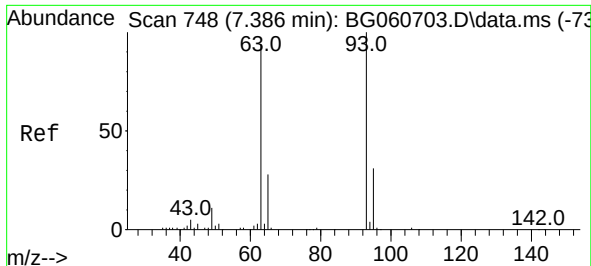
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#10
Phenol
Concen: 37.292 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

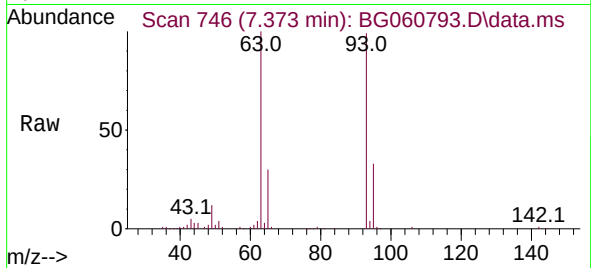
Tgt Ion: 94 Resp: 168324
Ion Ratio Lower Upper
94 100
65 33.6 13.3 53.3
66 44.2 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 34.281 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

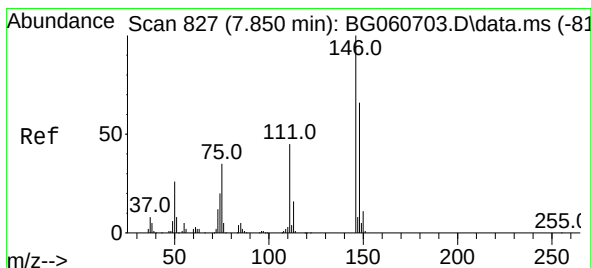
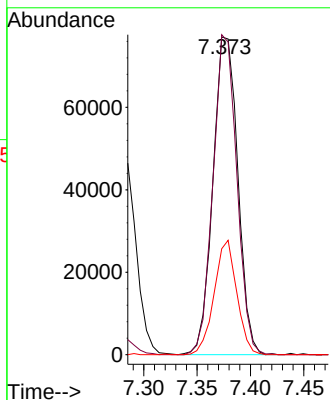
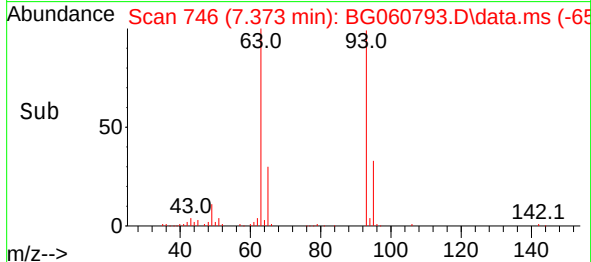
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



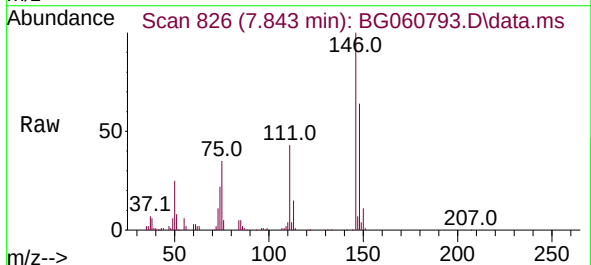
Tgt Ion: 93 Resp: 124930
Ion Ratio Lower Upper
93 100
63 100.7 73.7 113.7
95 33.4 11.2 51.2

Manual Integrations
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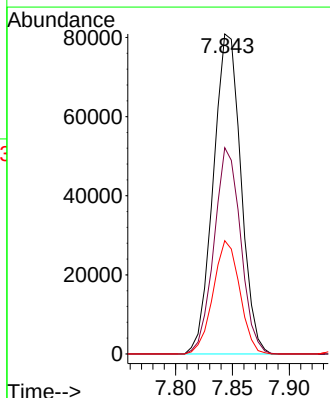
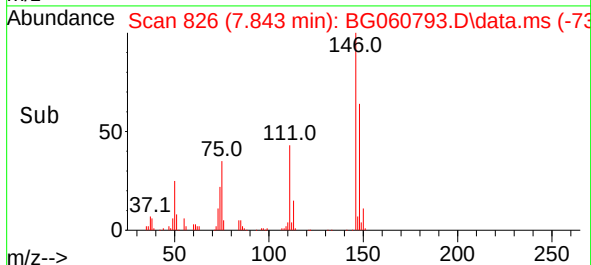
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

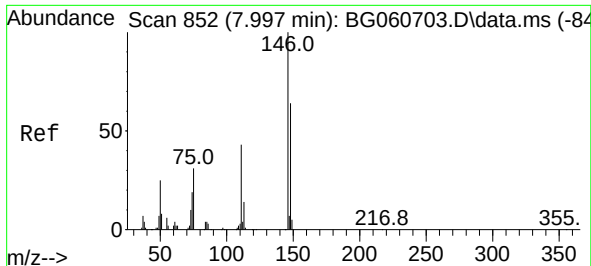


#12
1,3-Dichlorobenzene
Concen: 38.887 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



Tgt Ion:146 Resp: 136601
Ion Ratio Lower Upper
146 100
148 64.5 53.0 79.4
75 35.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.623 ng

RT: 7.990 min Scan# 80

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD

Tgt Ion:146 Resp: 138419

Ion Ratio Lower Upper

146 100

148 61.4 51.1 76.7

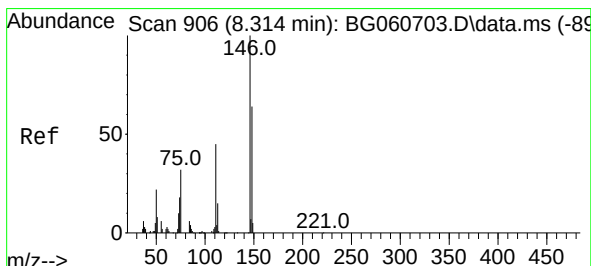
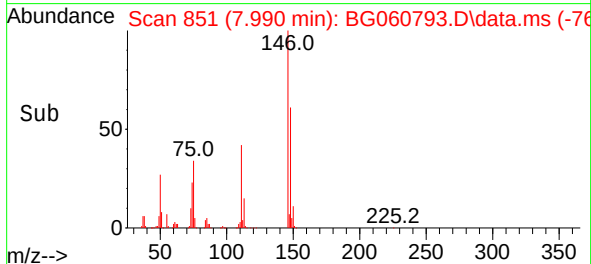
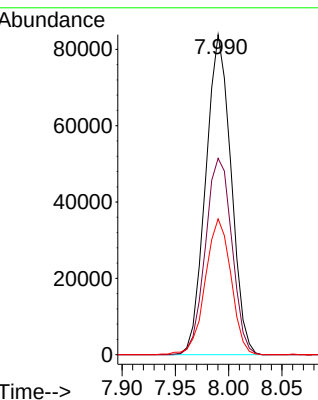
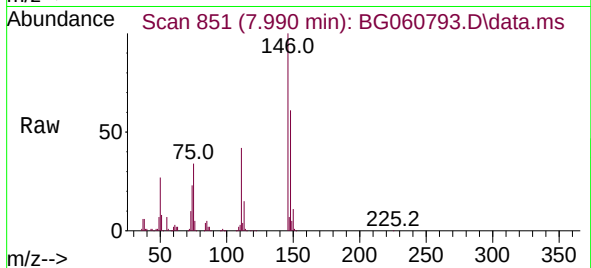
111 42.5 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#14

1,2-Dichlorobenzene

Concen: 38.344 ng

RT: 8.307 min Scan# 905

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

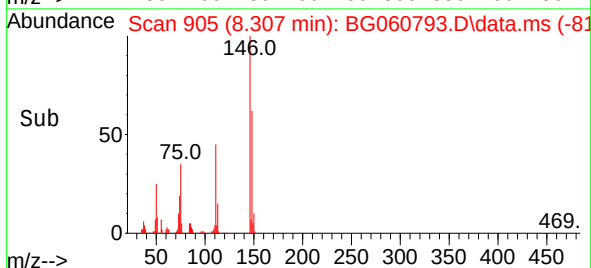
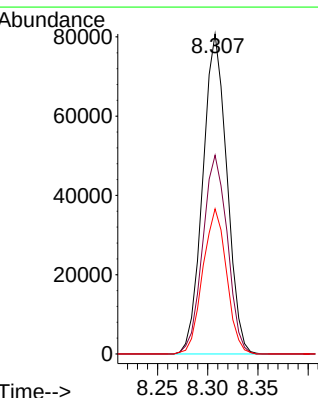
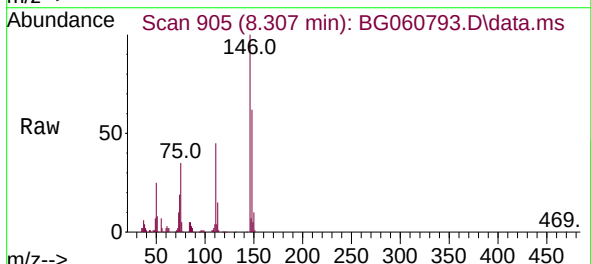
Tgt Ion:146 Resp: 134667

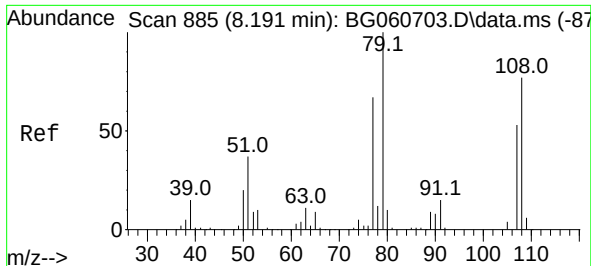
Ion Ratio Lower Upper

146 100

148 62.1 51.0 76.6

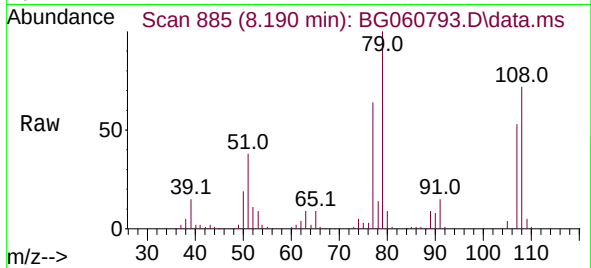
111 45.3 36.0 54.0





#15
Benzyl Alcohol
Concen: 39.566 ng
RT: 8.190 min Scan# 885
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

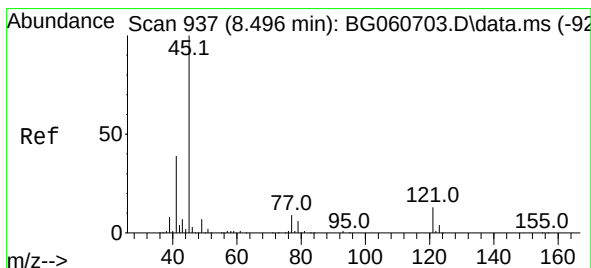
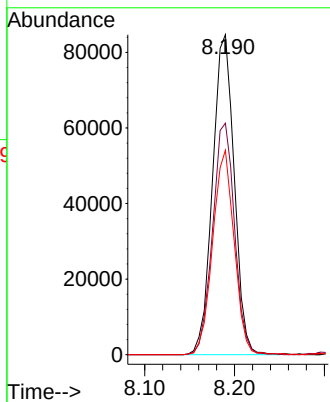
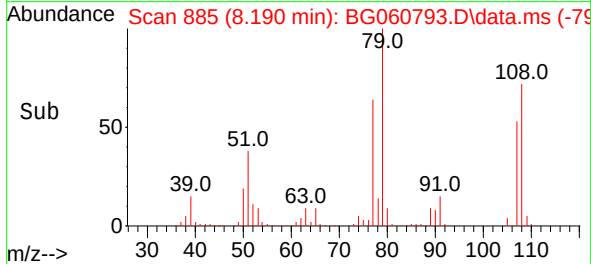
Instrument : BNA_G
ClientSampleId : NM-DRUMS-040224MSD



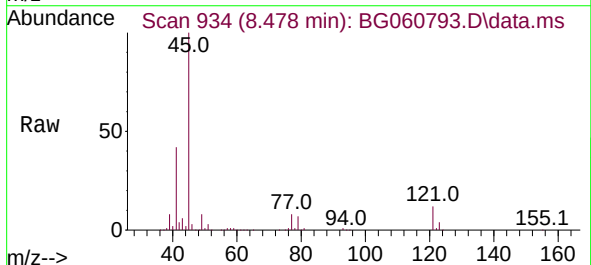
Tgt Ion: 79 Resp: 14174
Ion Ratio Lower Upper
79 100
108 72.3 61.4 92.0
77 63.9 53.6 80.4

Manual Integrations
APPROVED

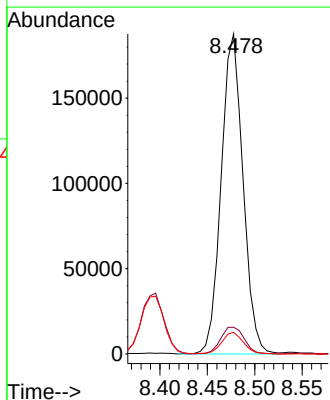
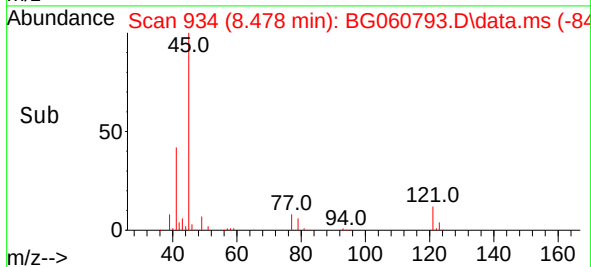
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

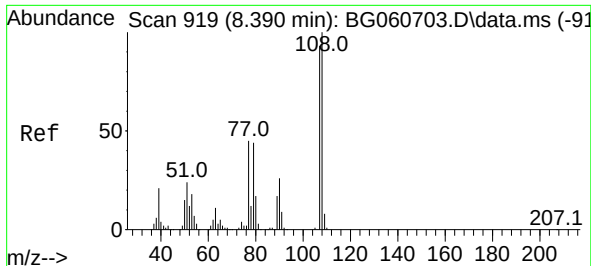


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.498 ng
RT: 8.478 min Scan# 934
Delta R.T. -0.018 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



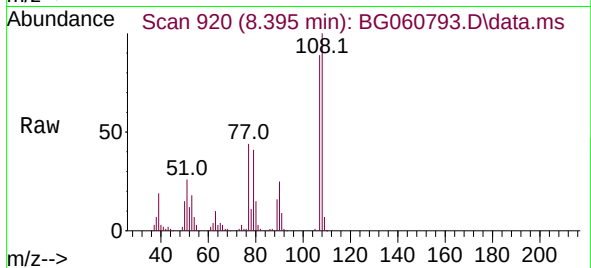
Tgt Ion: 45 Resp: 300172
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.1
79 6.7 0.0 26.5





#17
2-Methylphenol
Concen: 35.754 ng
RT: 8.395 min Scan# 919
Delta R.T. 0.005 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

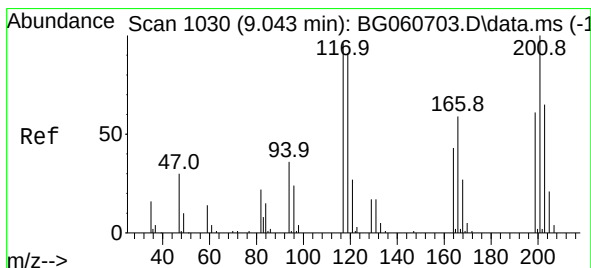
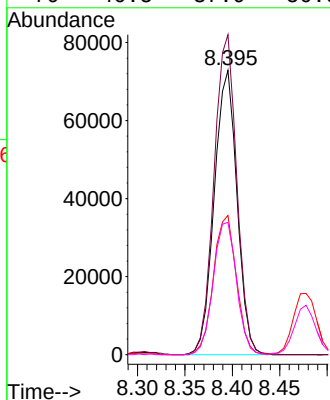
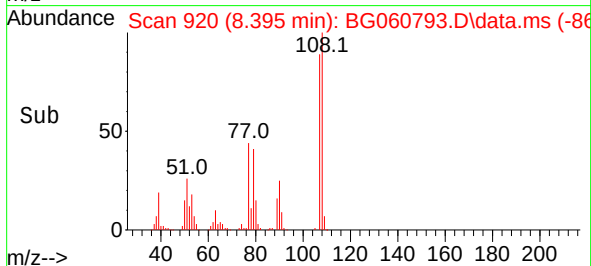
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:107 Resp: 121830
Ion Ratio Lower Upper
107 100
108 112.5 86.4 129.6
77 49.0 38.6 58.0
79 46.5 37.9 56.9

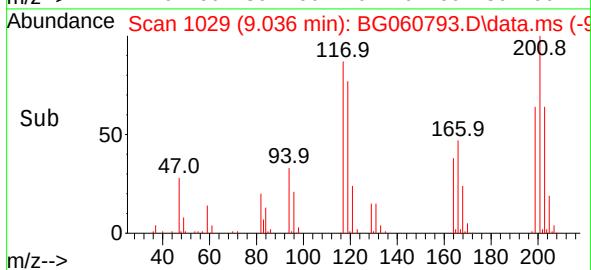
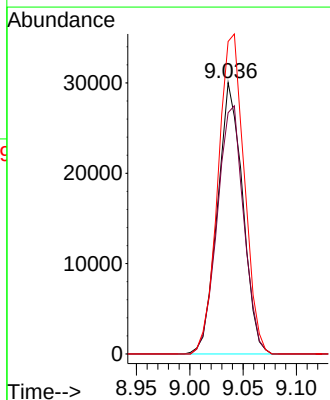
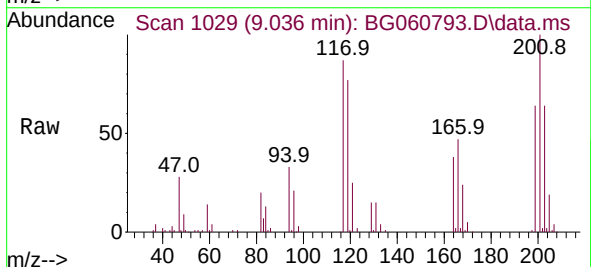
Manual Integrations
APPROVED

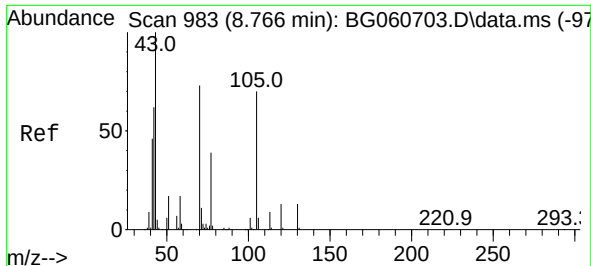
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#18
Hexachloroethane
Concen: 38.745 ng
RT: 9.036 min Scan# 1029
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

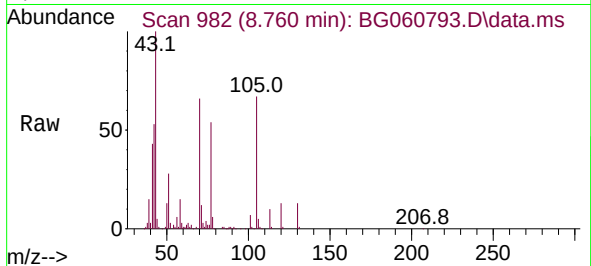
Tgt Ion:117 Resp: 49315
Ion Ratio Lower Upper
117 100
119 88.9 75.7 113.5
201 115.1 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 34.770 ng
RT: 8.760 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

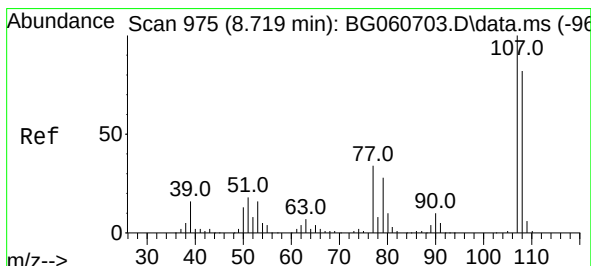
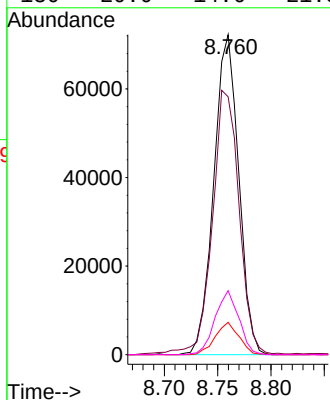
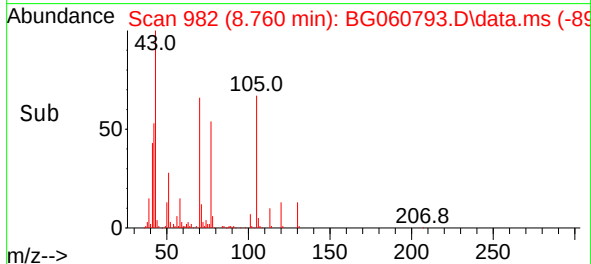
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



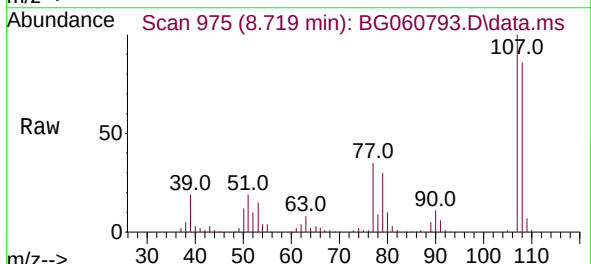
Tgt Ion: 70 Resp: 11727
Ion Ratio Lower Upper
70 100
42 80.6 68.4 102.6
101 10.1 6.1 9.1
130 20.0 14.6 21.8

Manual Integrations
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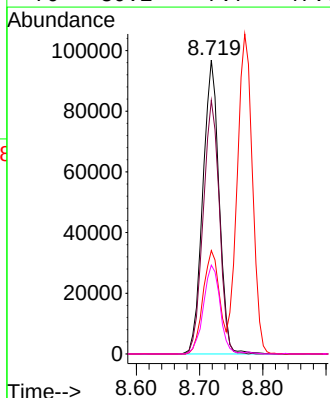
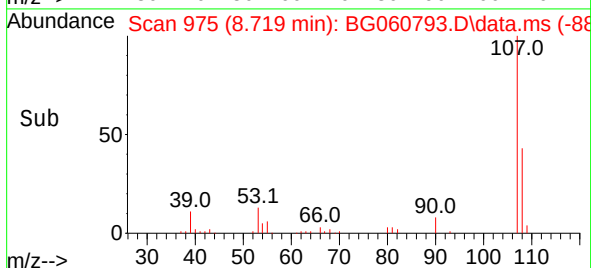
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

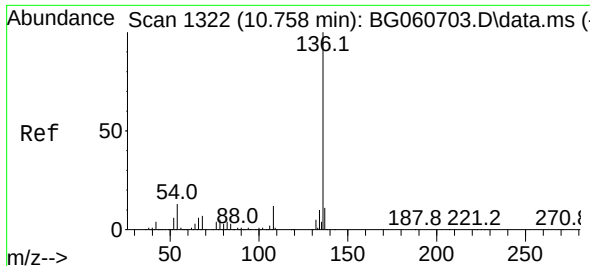


#20
3+4-Methylphenols
Concen: 37.044 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



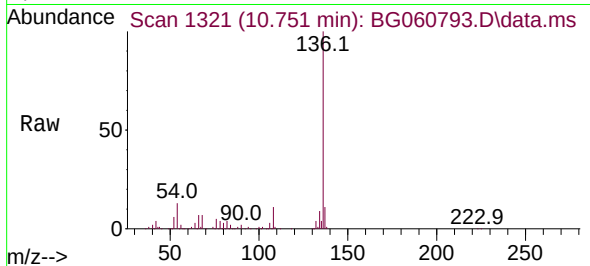
Tgt Ion:107 Resp: 172851
Ion Ratio Lower Upper
107 100
108 86.2 62.2 102.2
77 35.2 14.1 54.1
79 30.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1322
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

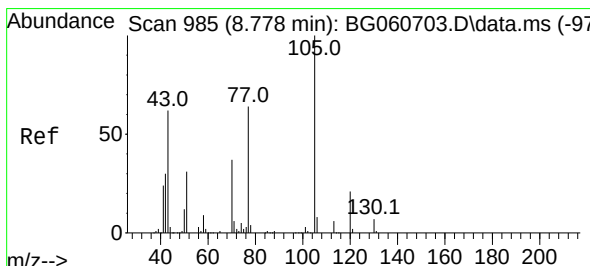
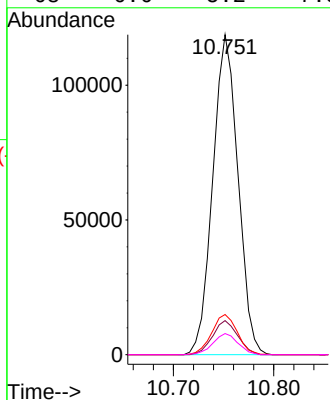
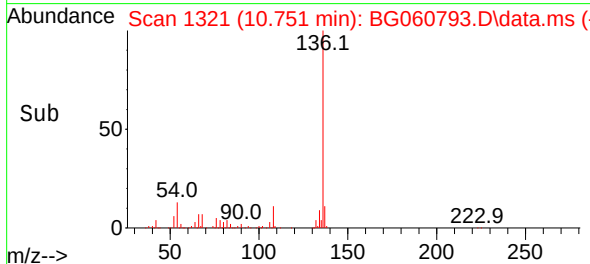
Instrument : BNA_G
ClientSampleId : NM-DRUMS-040224MSD



Tgt Ion:136 Resp: 206924
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 12.6 10.2 15.2
68 6.6 5.2 7.8

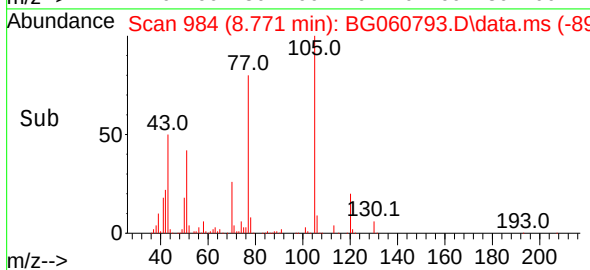
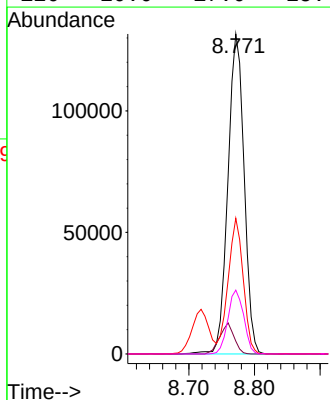
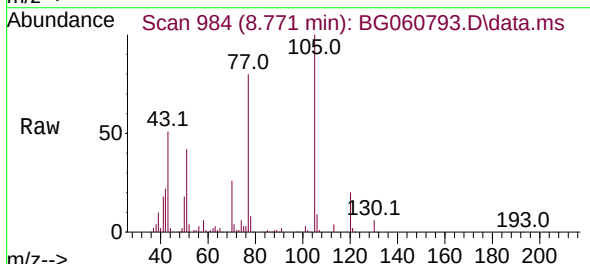
Manual Integrations
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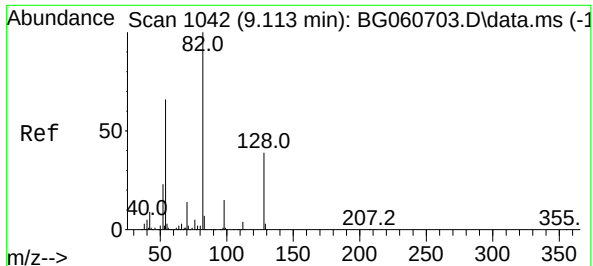
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#22
Acetophenone
Concen: 39.627 ng
RT: 8.771 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion:105 Resp: 226098
Ion Ratio Lower Upper
105 100
71 4.0 4.9 7.3#
51 42.4 31.1 46.7
120 20.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 93.897 ng

RT: 9.106 min Scan# 1041

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD

Tgt Ion: 82 Resp: 340504

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

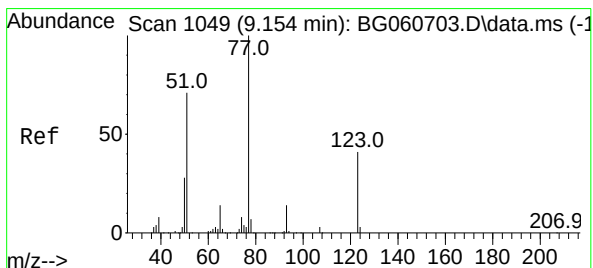
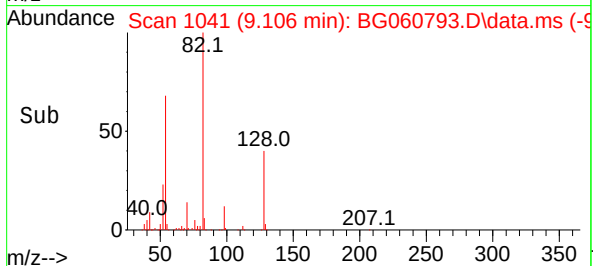
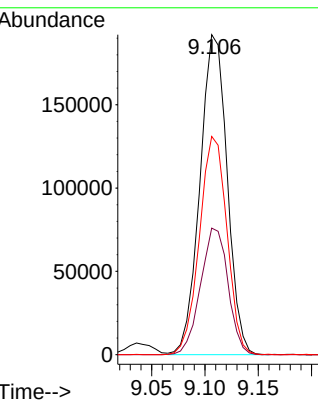
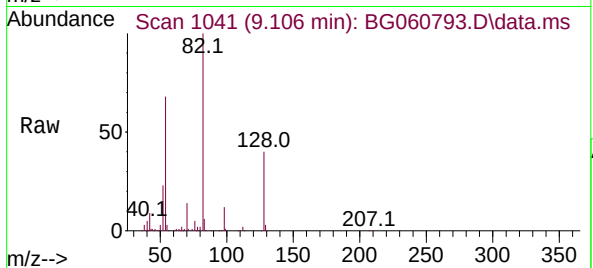
54 68.2 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#24

Nitrobenzene

Concen: 41.347 ng

RT: 9.153 min Scan# 1049

Delta R.T. -0.001 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

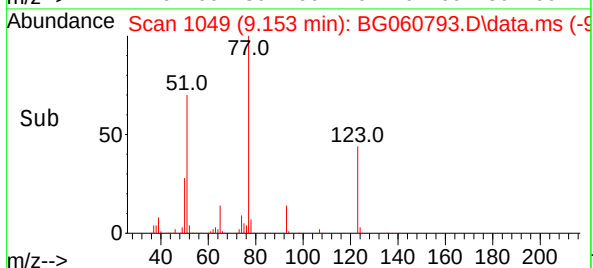
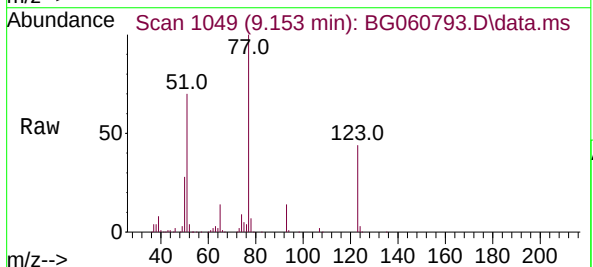
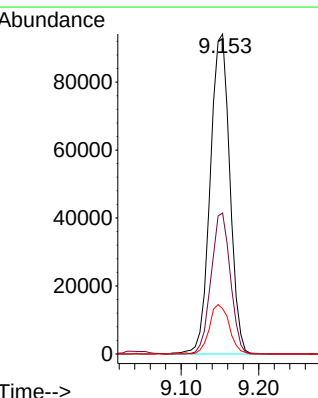
Tgt Ion: 77 Resp: 165251

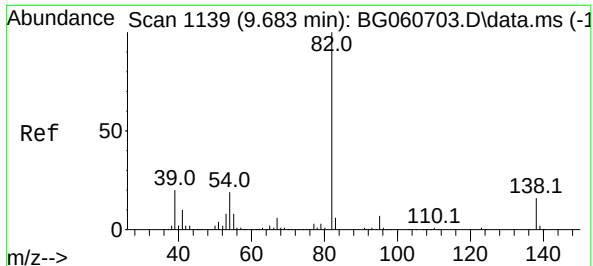
Ion Ratio Lower Upper

77 100

123 44.0 32.7 49.1

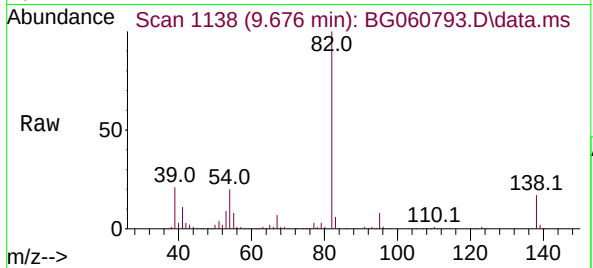
65 14.1 11.3 16.9





#25
Isophorone
Concen: 38.665 ng
RT: 9.676 min Scan# 1138
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

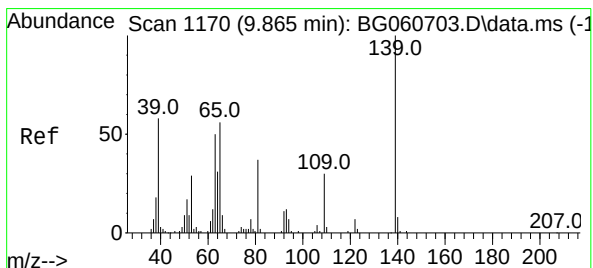
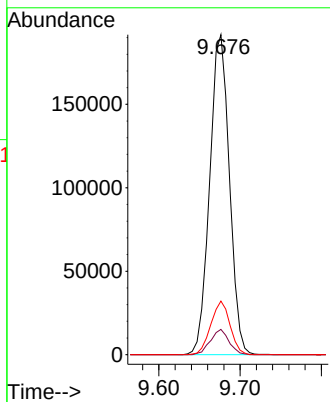
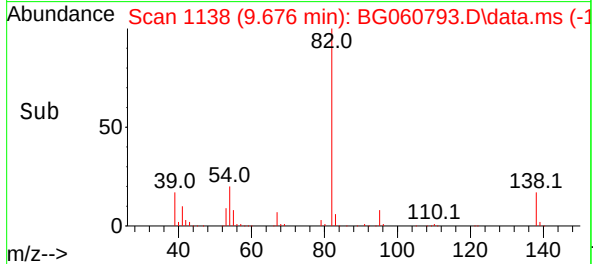
Instrument : BNA_G
ClientSampleId : NM-DRUMS-040224MSD



Tgt Ion: 82 Resp: 322949
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.7 13.0 19.4

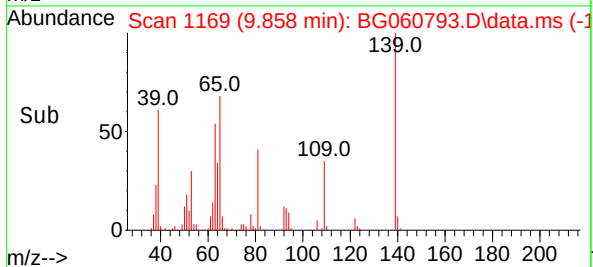
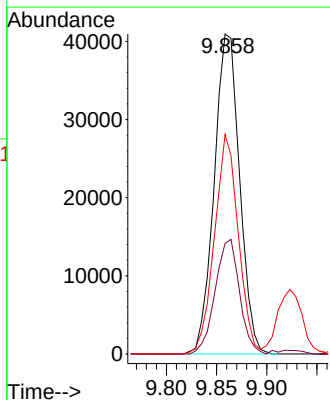
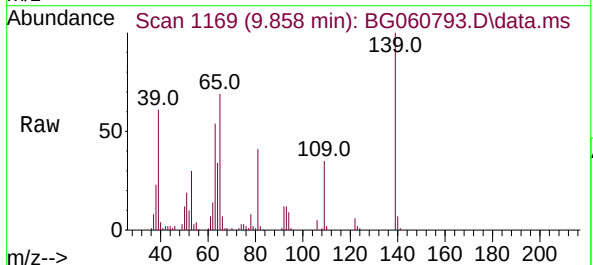
Manual Integrations
APPROVED

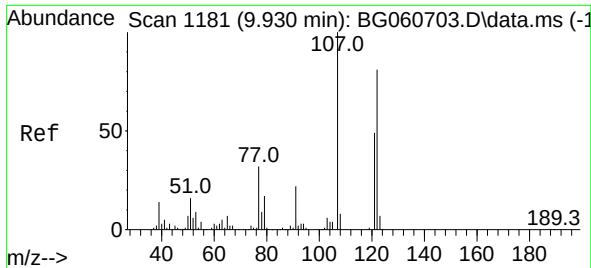
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#26
2-Nitrophenol
Concen: 50.448 ng
RT: 9.858 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

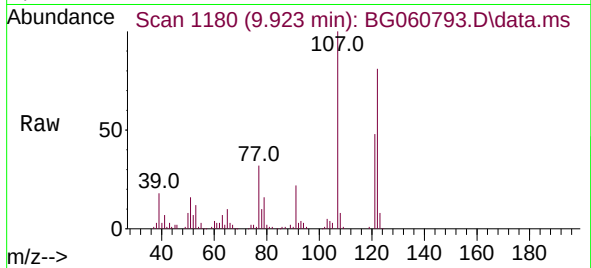
Tgt Ion:139 Resp: 72055
Ion Ratio Lower Upper
139 100
109 34.5 23.9 35.9
65 68.6 44.5 66.7#





#27
2,4-Dimethylphenol
Concen: 33.622 ng
RT: 9.923 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

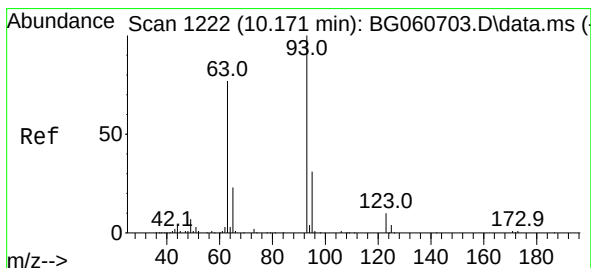
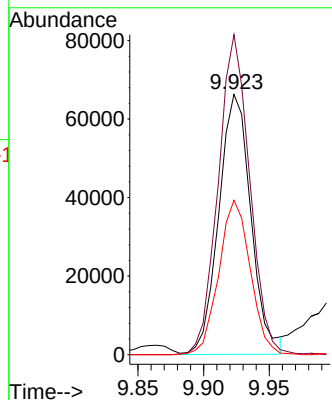
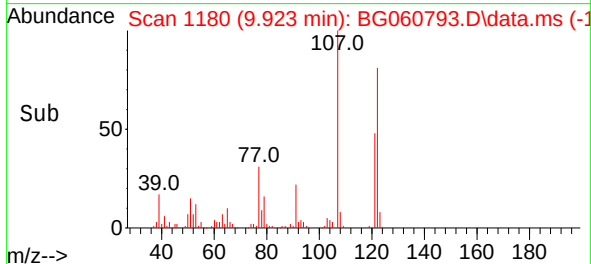
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:122 Resp: 112809
Ion Ratio Lower Upper
122 100
107 122.9 98.6 147.8
121 59.3 48.1 72.1

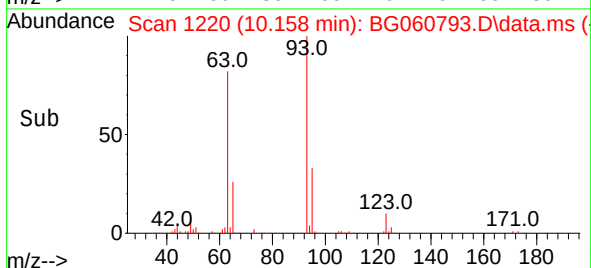
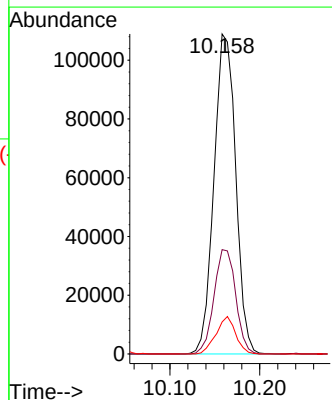
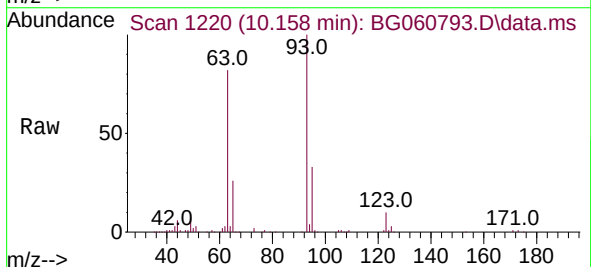
Manual Integrations
APPROVED

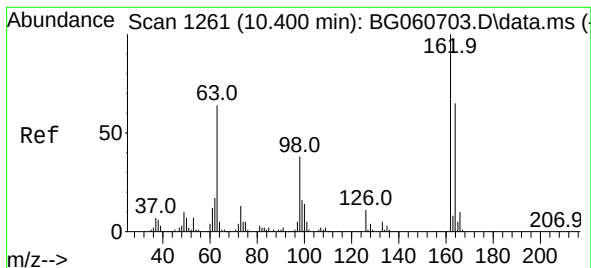
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.077 ng
RT: 10.158 min Scan# 1220
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion: 93 Resp: 182830
Ion Ratio Lower Upper
93 100
95 32.6 25.1 37.7
123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.813 ng

RT: 10.399 min Scan# 1261

Delta R.T. -0.001 min

Lab File: BG060793.D

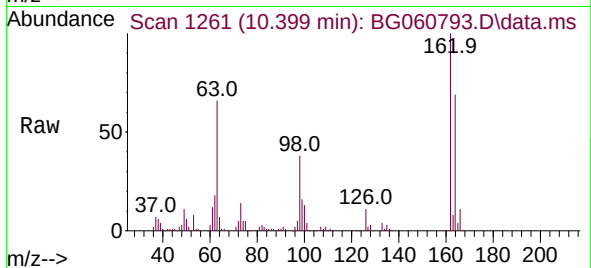
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



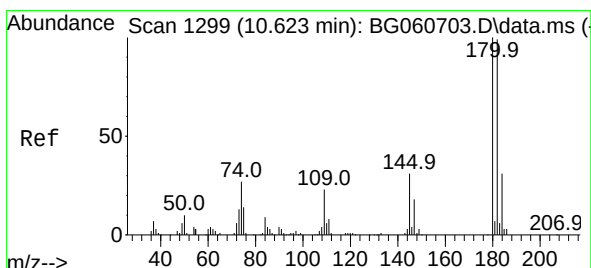
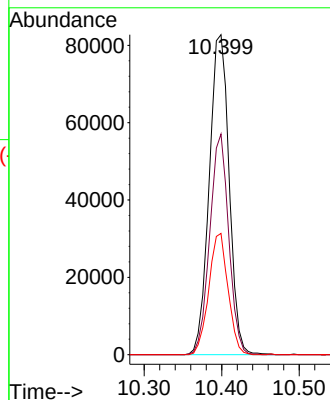
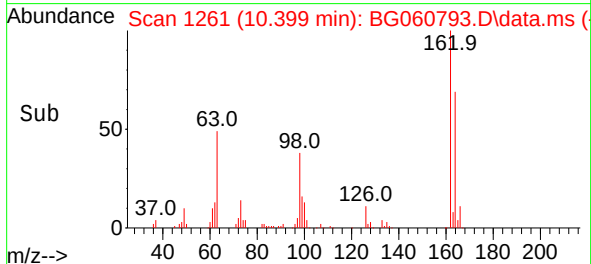
Tgt Ion:	162	Resp:	147314
Ion Ratio	Lower	Upper	
162	100		
164	68.9	45.2	85.2
98	37.9	17.7	57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.104 ng

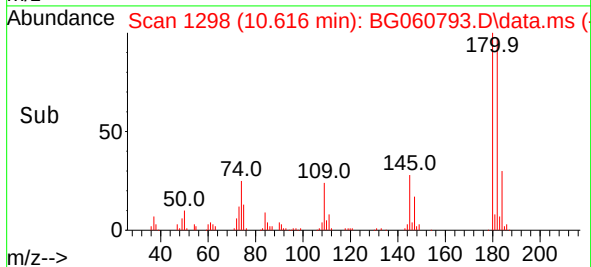
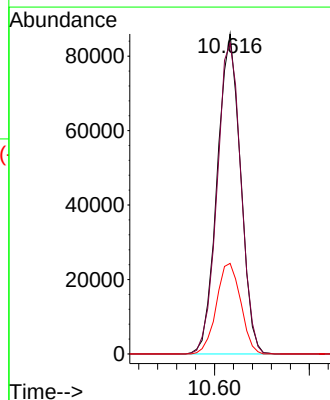
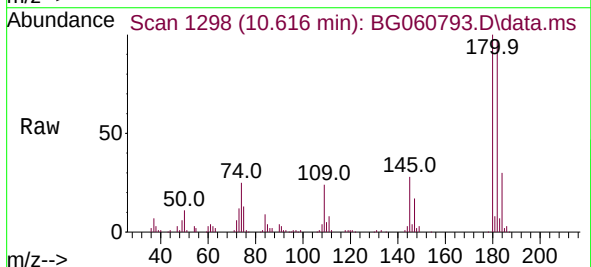
RT: 10.616 min Scan# 1298

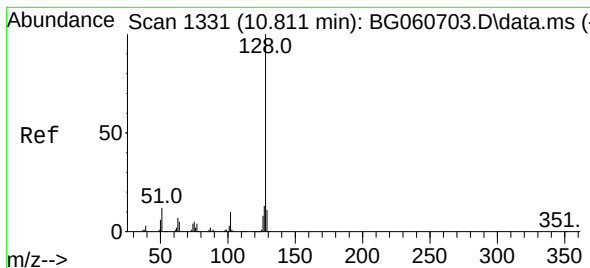
Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Tgt Ion:	180	Resp:	146892
Ion Ratio	Lower	Upper	
180	100		
182	97.1	79.0	118.4
145	28.3	24.9	37.3





#31

Naphthalene

Concen: 38.795 ng

RT: 10.804 min Scan# 1331

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD

Tgt Ion:128 Resp: 43424

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

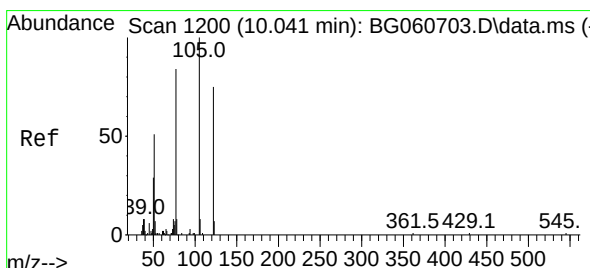
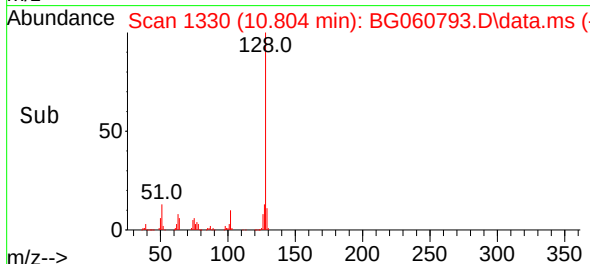
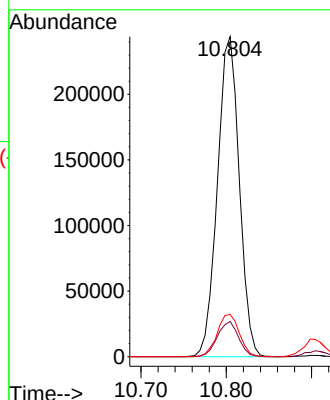
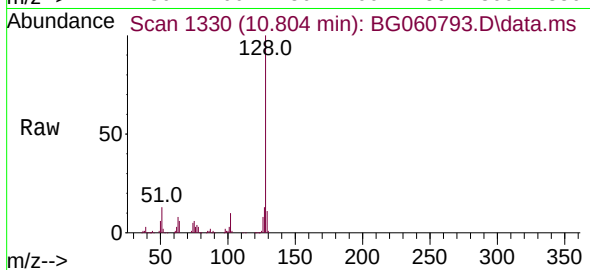
127 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#32

Benzoic acid

Concen: 46.587 ng

RT: 10.041 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

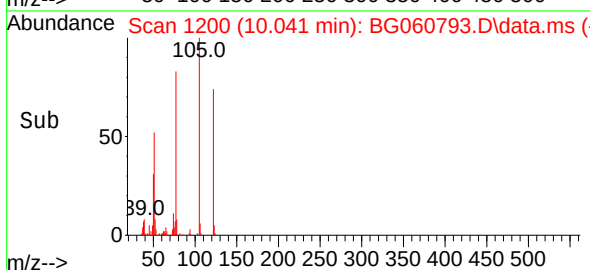
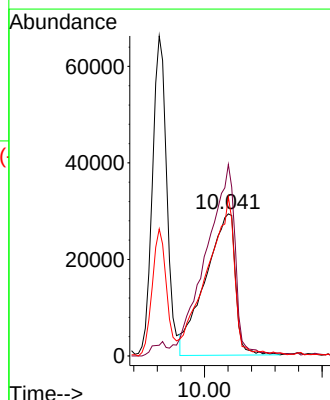
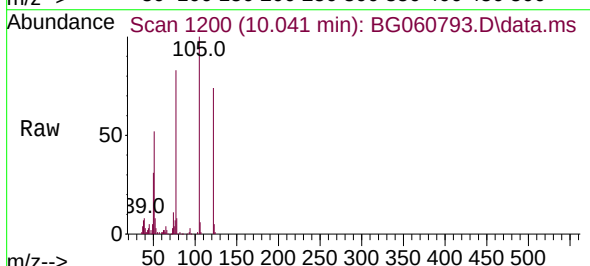
Tgt Ion:122 Resp: 103472

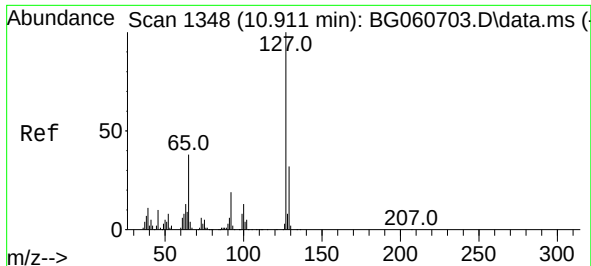
Ion Ratio Lower Upper

122 100

105 134.8 104.5 144.5

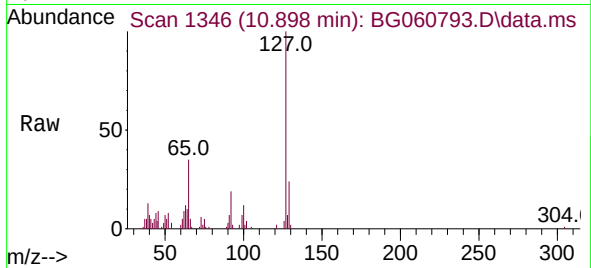
77 111.8 85.3 125.3





#33
4-Chloroaniline
Concen: 4.588 ng
RT: 10.898 min Scan# 1346
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

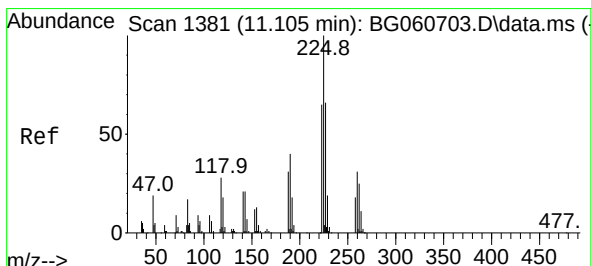
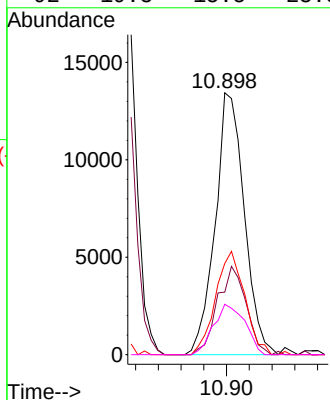
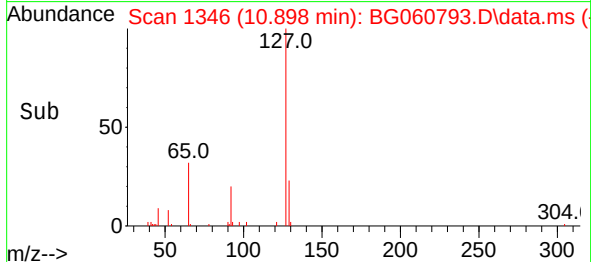
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:	127	Resp:	2385
Ion Ratio	Lower	Upper	
127	100		
129	23.9	25.3	37.9
65	34.8	30.2	45.2
92	19.3	15.5	23.3

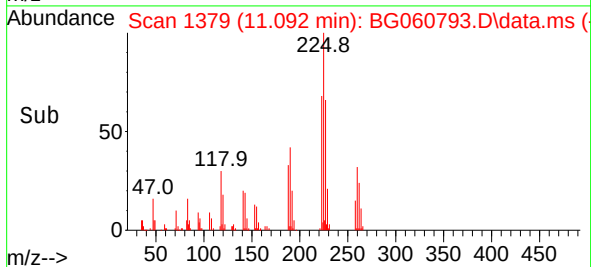
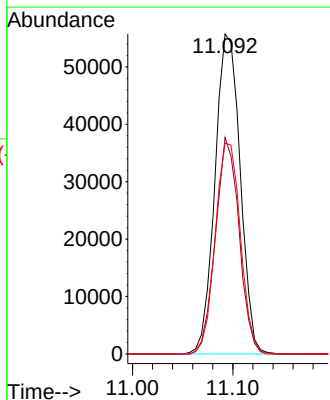
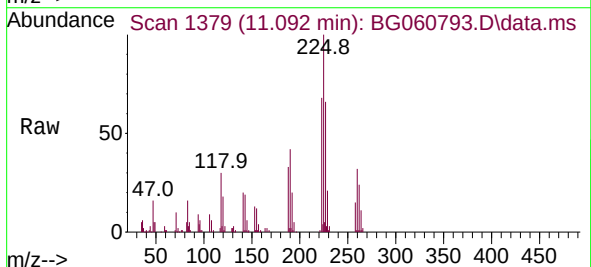
Manual Integrations
APPROVED

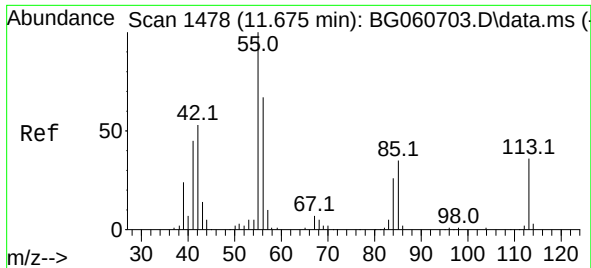
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#34
Hexachlorobutadiene
Concen: 41.808 ng
RT: 11.092 min Scan# 1379
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

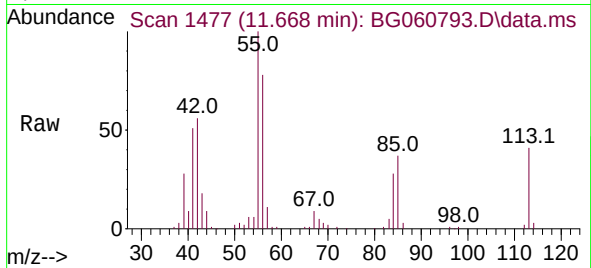
Tgt Ion:	225	Resp:	97210
Ion Ratio	Lower	Upper	
225	100		
223	67.7	52.0	78.0
227	65.8	52.5	78.7





#35
Caprolactam
Concen: 39.466 ng m
RT: 11.668 min Scan# 1478
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

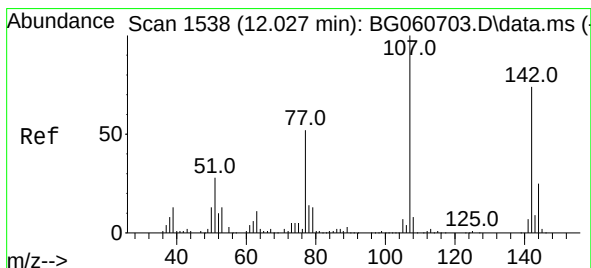
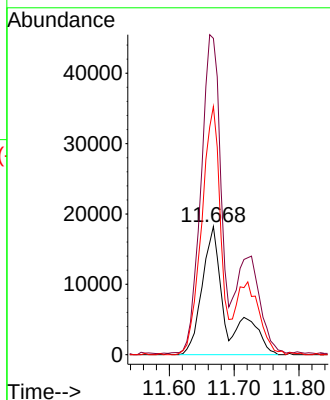
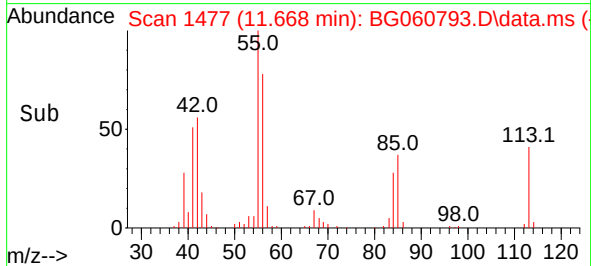
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:113 Resp: 4815
Ion Ratio Lower Upper
113 100
55 246.8 258.0 298.0
56 193.6 166.3 206.3

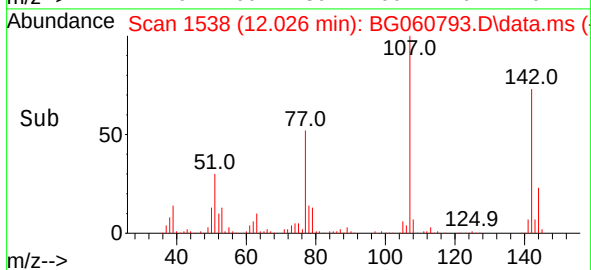
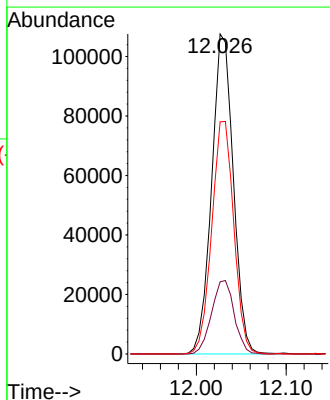
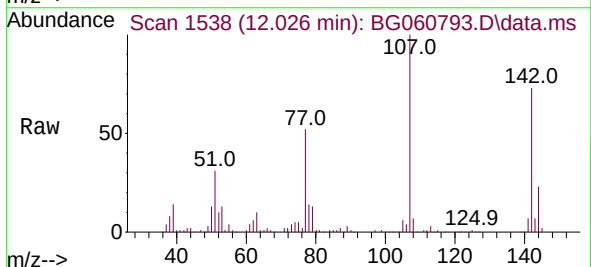
Manual Integrations
APPROVED

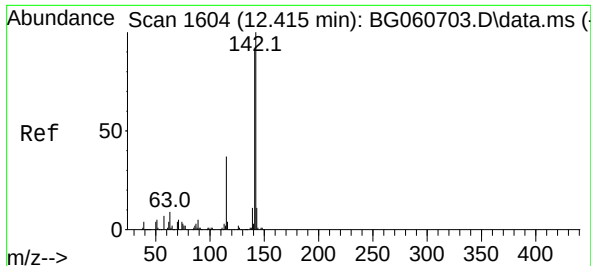
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#36
4-Chloro-3-methylphenol
Concen: 45.794 ng
RT: 12.026 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion:107 Resp: 180241
Ion Ratio Lower Upper
107 100
144 22.6 20.0 30.0
142 72.6 59.2 88.8





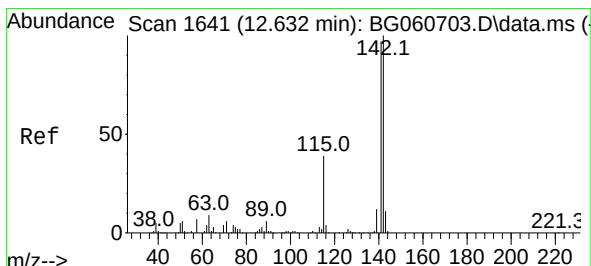
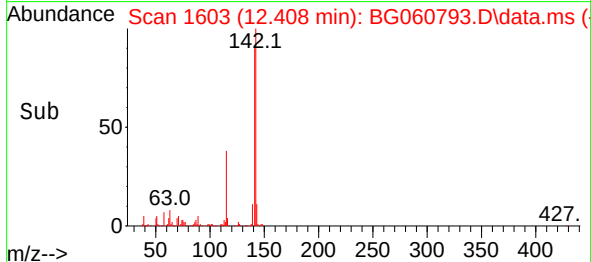
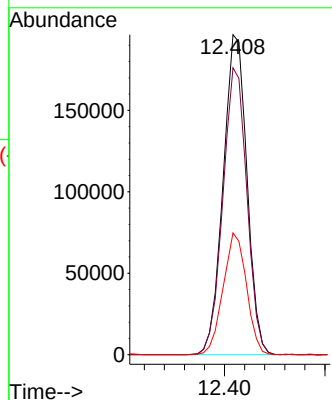
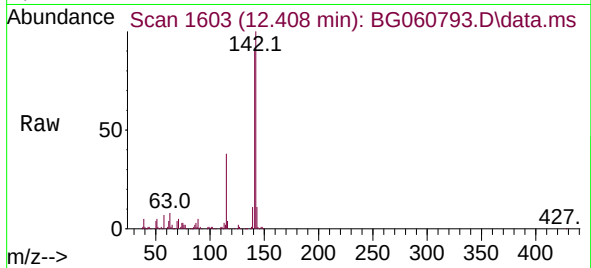
#37
2-Methylnaphthalene
Concen: 39.287 ng
RT: 12.408 min Scan# 1603
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD

Tgt Ion:142 Resp: 323302
Ion Ratio Lower Upper
142 100
141 89.7 72.7 109.1
115 38.1 29.9 44.9

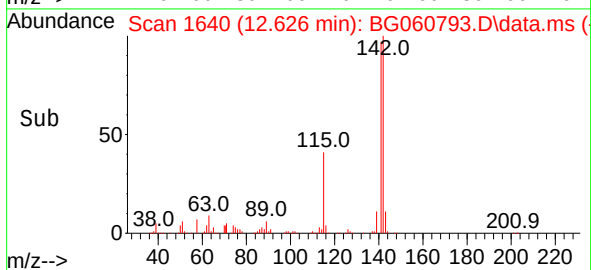
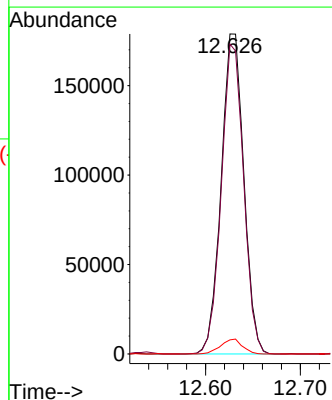
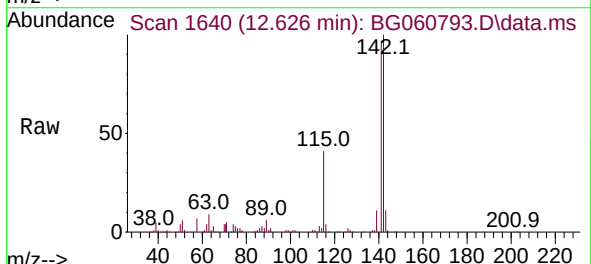
Manual Integrations
APPROVED

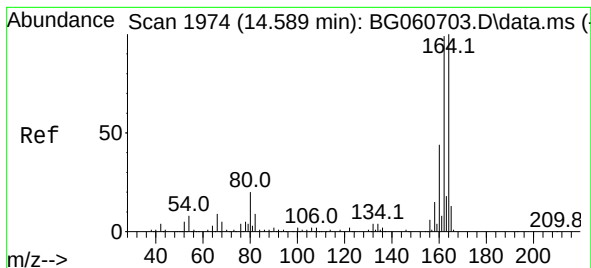
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#38
1-Methylnaphthalene
Concen: 38.250 ng
RT: 12.626 min Scan# 1640
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion:142 Resp: 297361
Ion Ratio Lower Upper
142 100
141 96.9 77.7 116.5
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.582 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060793.D

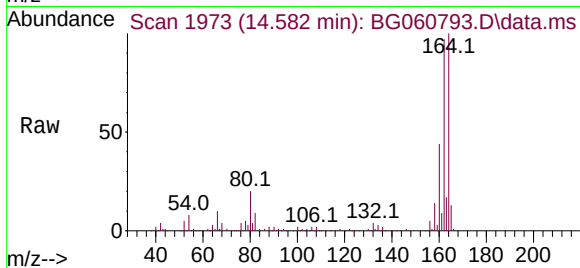
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



Tgt Ion:164 Resp: 174908

Ion Ratio Lower Upper

164 100

162 97.1 79.5 119.3

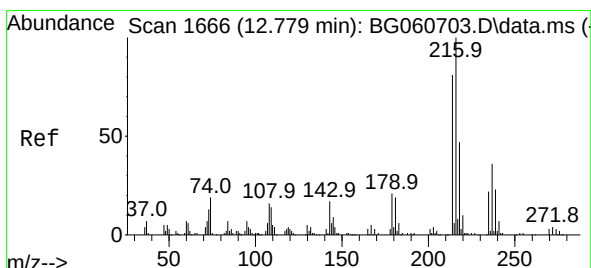
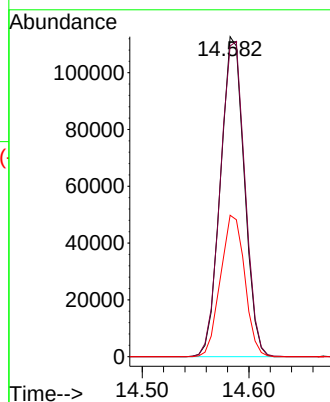
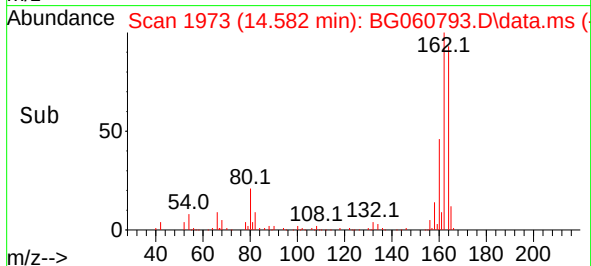
160 44.2 35.4 53.0

Manual Integrations

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Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.220 ng

RT: 12.779 min Scan# 1666

Delta R.T. -0.001 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Tgt Ion:216 Resp: 197217

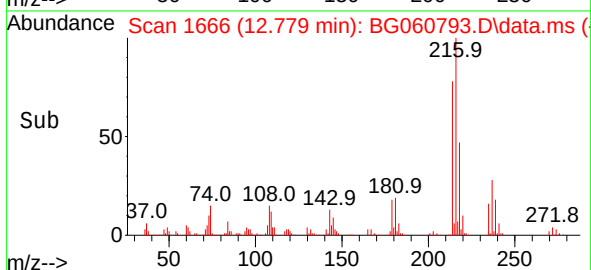
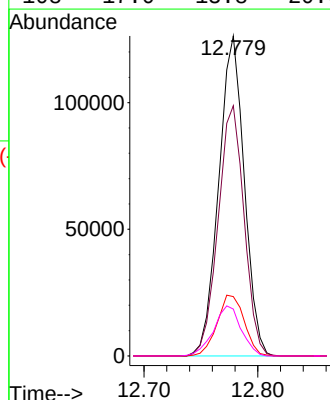
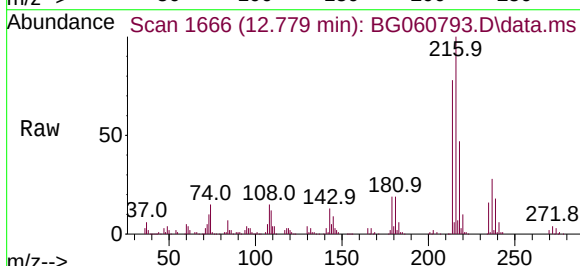
Ion Ratio Lower Upper

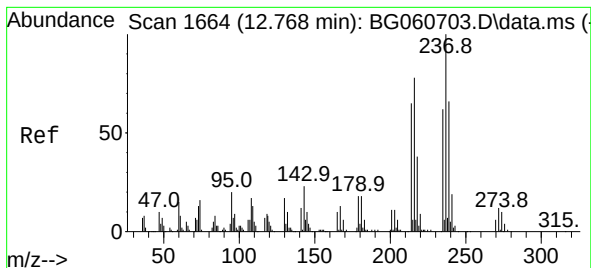
216 100

214 79.4 63.1 94.7

179 20.2 16.7 25.1

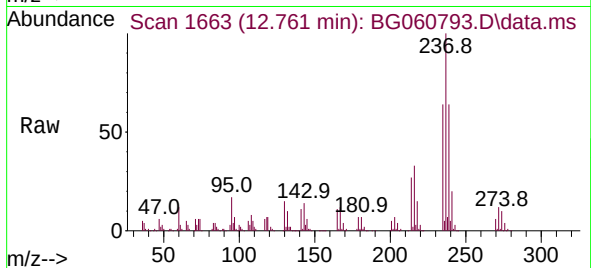
108 17.0 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 76.899 ng
RT: 12.761 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

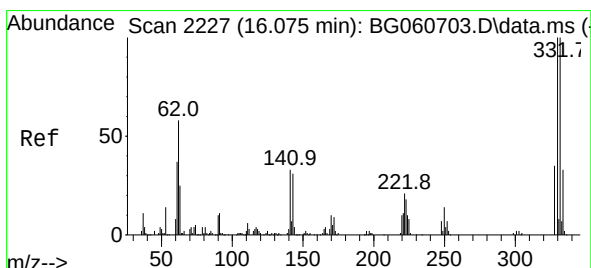
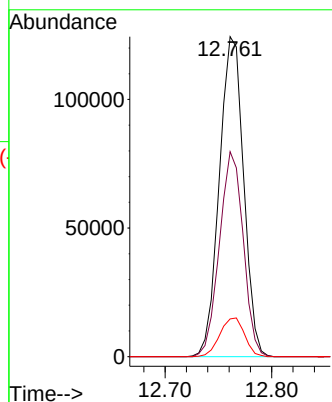
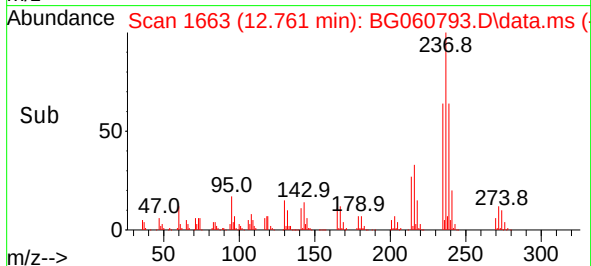
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:237 Resp: 19661
Ion Ratio Lower Upper
237 100
235 64.0 42.0 82.0
272 11.8 0.0 32.4

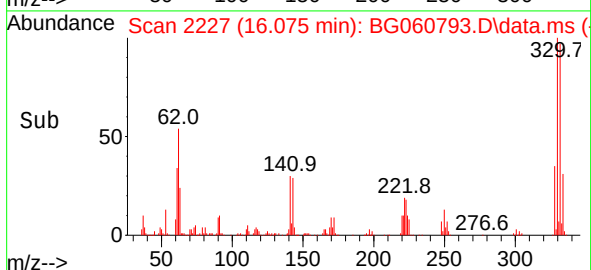
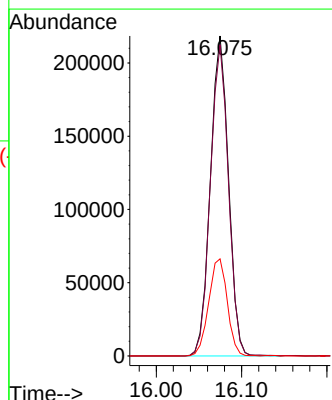
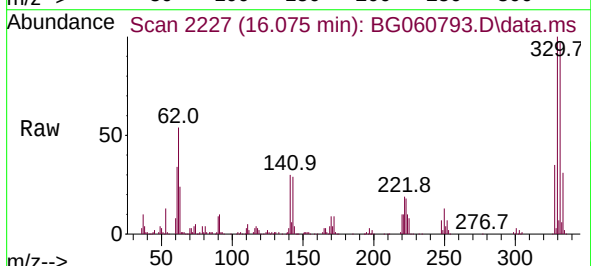
Manual Integrations
APPROVED

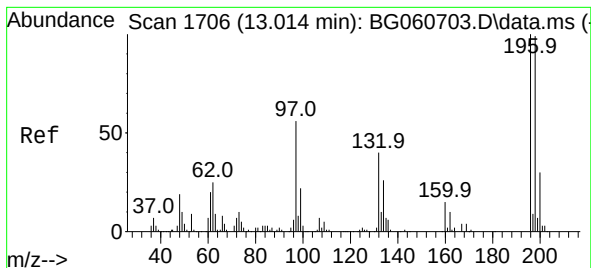
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#42
2,4,6-Tribromophenol
Concen: 162.122 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

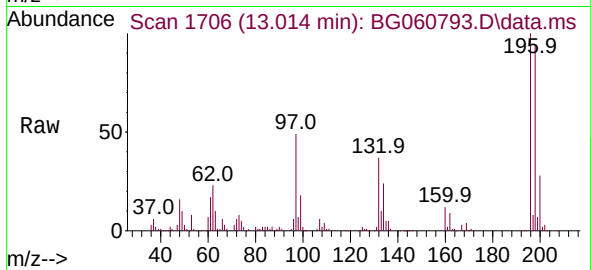
Tgt Ion:330 Resp: 321892
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 31.2 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 45.731 ng
RT: 13.014 min Scan# 1706
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

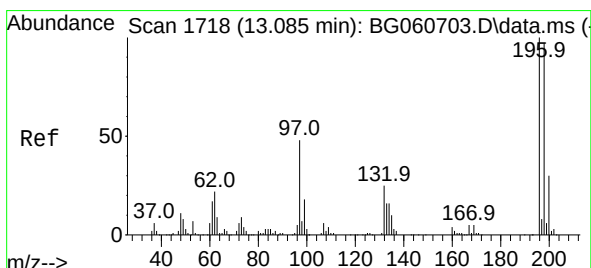
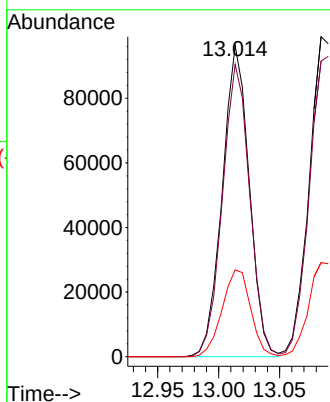
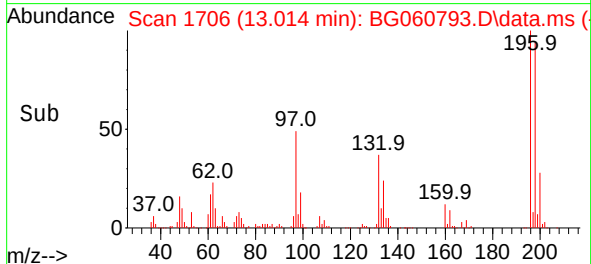
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



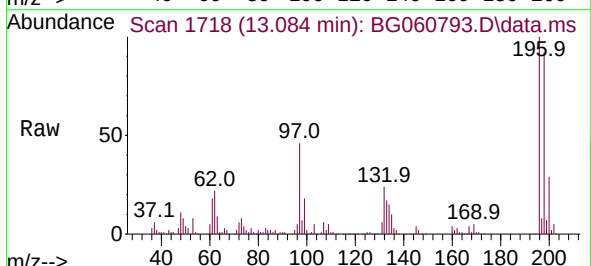
Tgt Ion:196 Resp: 148069
Ion Ratio Lower Upper
196 100
198 94.0 79.1 118.7
200 28.0 24.0 36.0

Manual Integrations
APPROVED

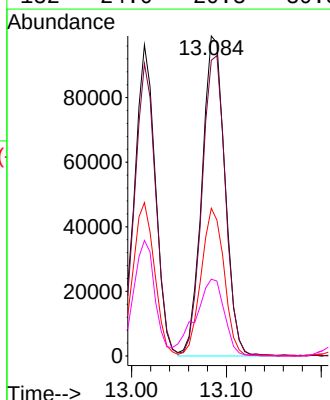
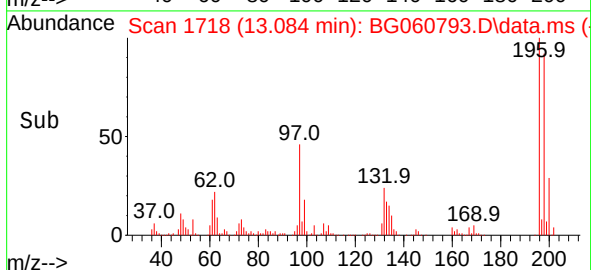
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

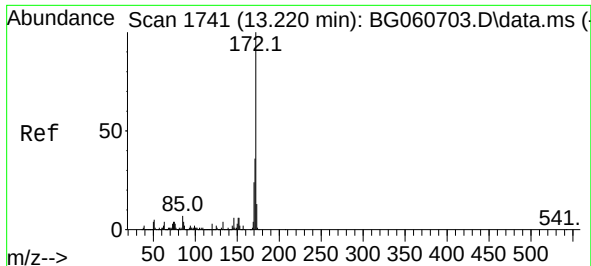


#44
2,4,5-Trichlorophenol
Concen: 43.194 ng
RT: 13.084 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



Tgt Ion:196 Resp: 166904
Ion Ratio Lower Upper
196 100
198 92.4 77.8 116.8
97 46.1 38.2 57.4
132 24.0 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 74.824 ng

RT: 13.213 min Scan# 1740

Delta R.T. -0.007 min

Lab File: BG060793.D

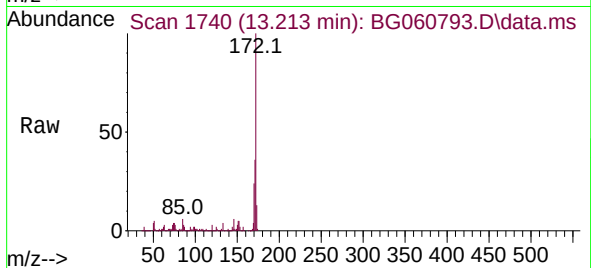
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



Tgt Ion:172 Resp: 891733

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

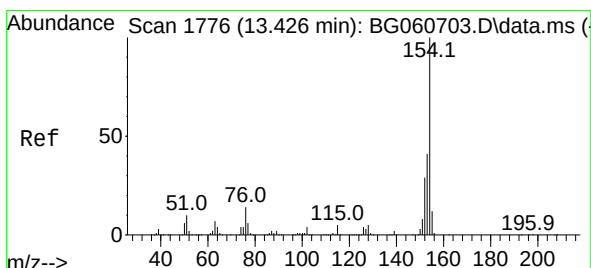
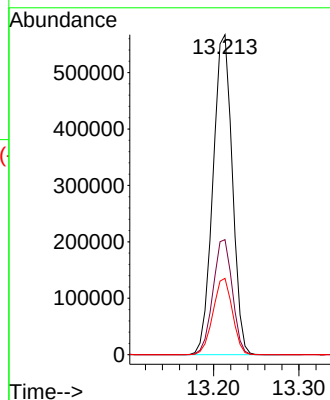
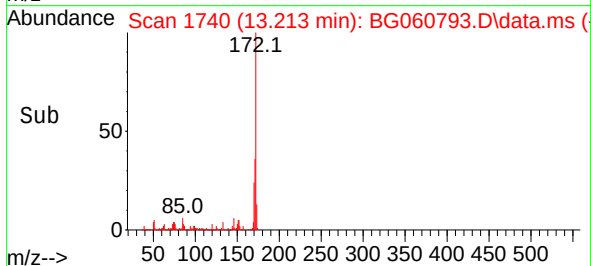
170 23.9 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#46

1,1'-Biphenyl

Concen: 38.598 ng

RT: 13.419 min Scan# 1775

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

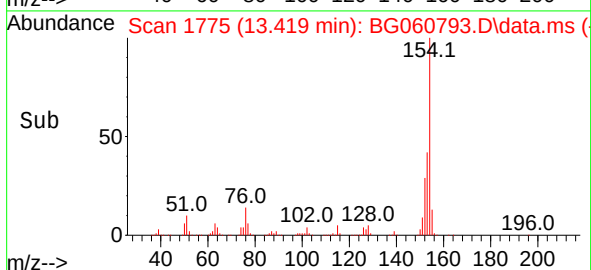
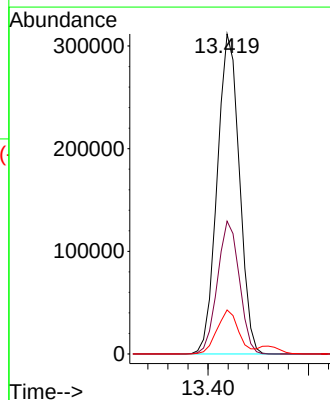
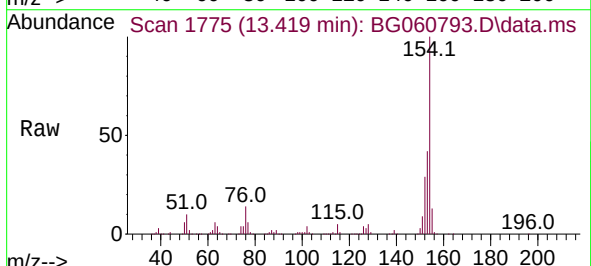
Tgt Ion:154 Resp: 476852

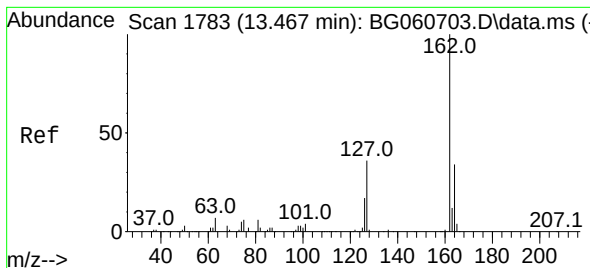
Ion Ratio Lower Upper

154 100

153 41.5 20.8 60.8

76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.925 ng

RT: 13.460 min Scan# 1783

Delta R.T. -0.007 min

Lab File: BG060793.D

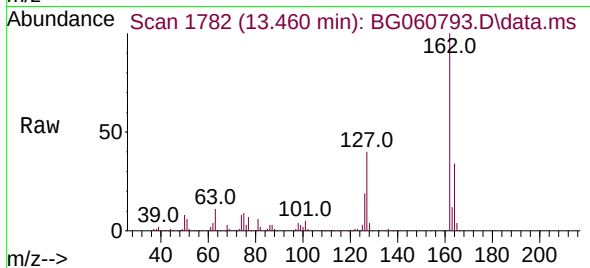
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



Tgt Ion:162 Resp: 37475

Ion Ratio Lower Upper

162 100

127 40.1 30.6 46.0

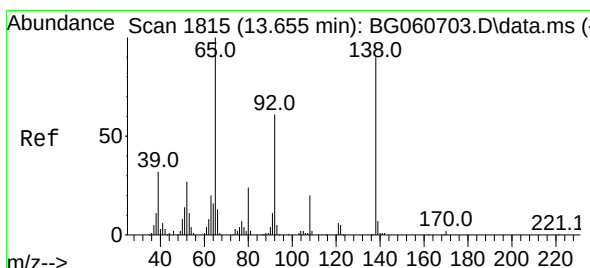
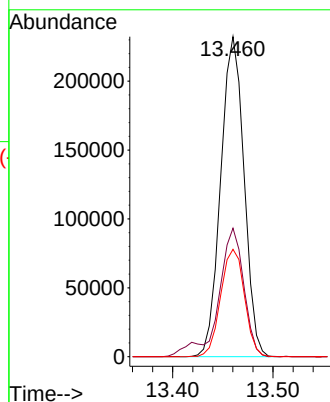
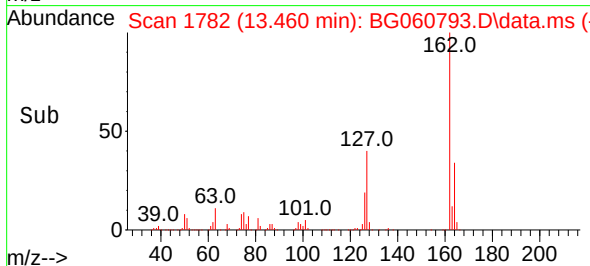
164 33.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#48

2-Nitroaniline

Concen: 49.036 ng

RT: 13.654 min Scan# 1815

Delta R.T. -0.001 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

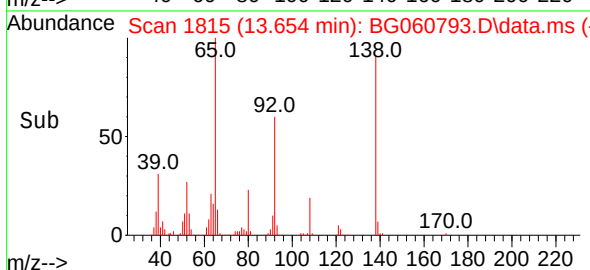
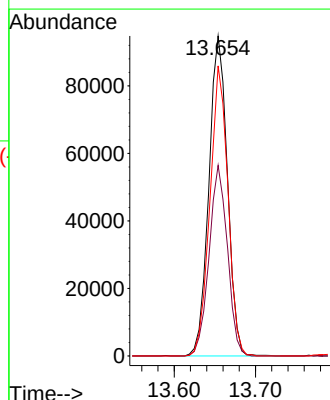
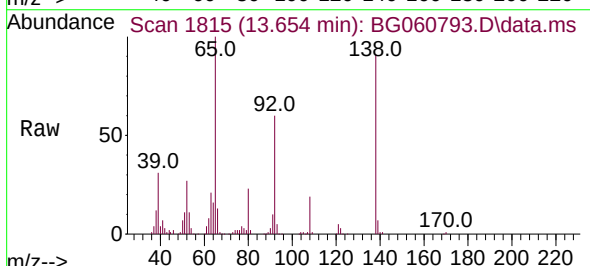
Tgt Ion: 65 Resp: 149796

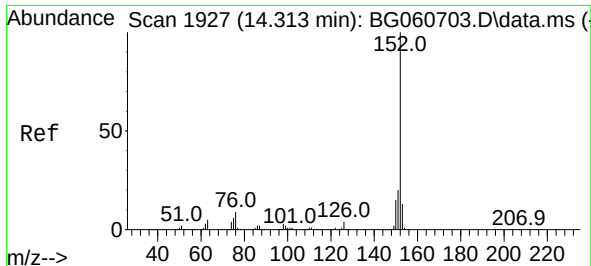
Ion Ratio Lower Upper

65 100

92 59.5 48.6 72.8

138 90.7 72.2 108.4





#49

Acenaphthylene

Concen: 41.812 ng

RT: 14.306 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD

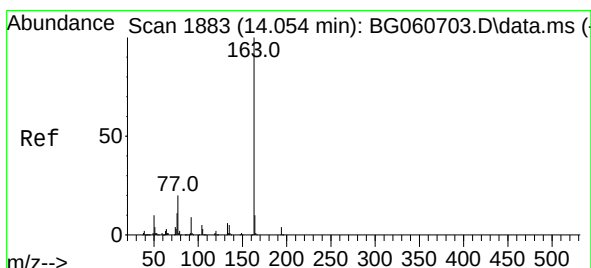
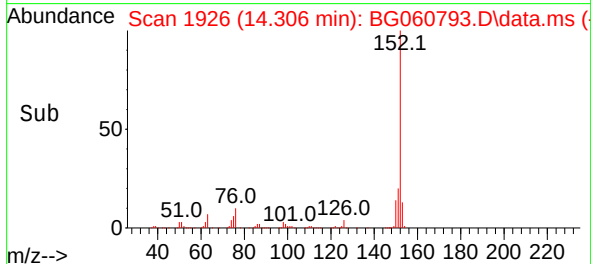
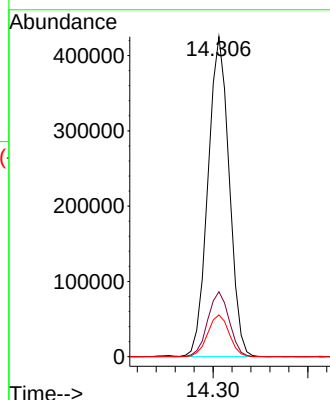
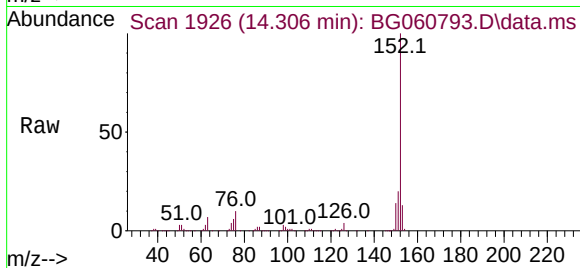
Tgt Ion:152	Resp: 65944
Ion Ratio	Lower Upper
152	100
151	20.3 16.4 24.6
153	13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#50

Dimethylphthalate

Concen: 40.006 ng

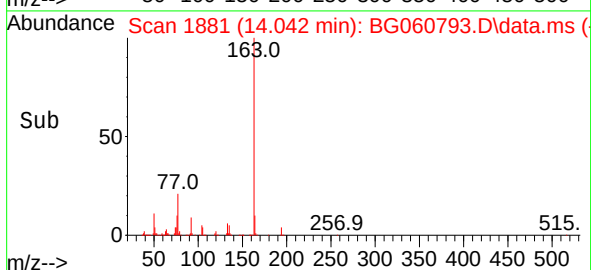
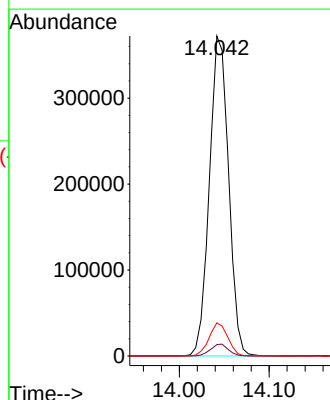
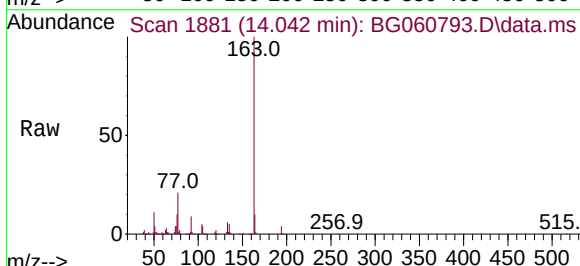
RT: 14.042 min Scan# 1881

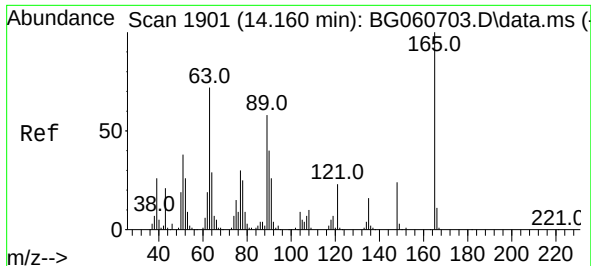
Delta R.T. -0.012 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

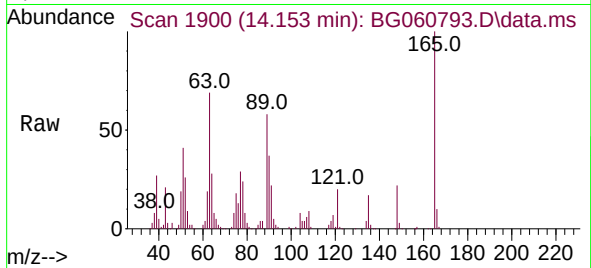
Tgt Ion:163	Resp: 553074
Ion Ratio	Lower Upper
163	100
194	3.6 3.0 4.6
164	10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.486 ng
RT: 14.153 min Scan# 1900
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

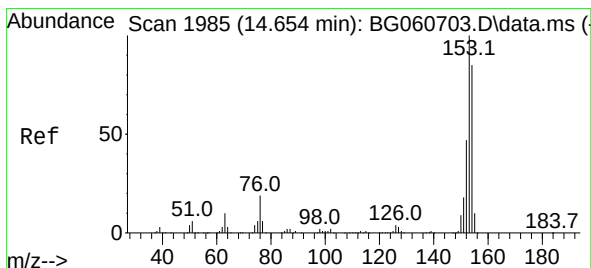
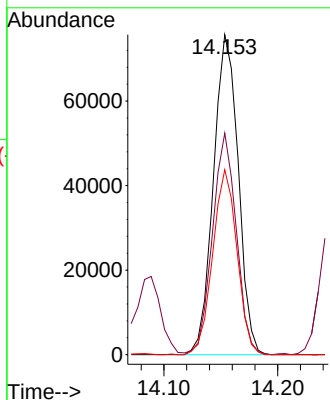
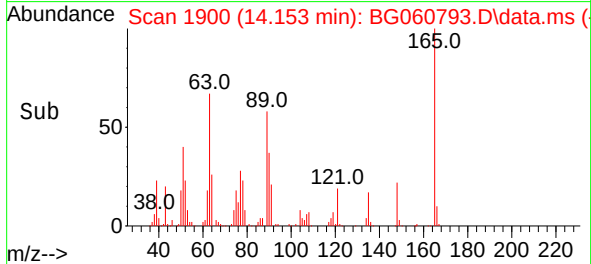
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:165 Resp: 11477
Ion Ratio Lower Upper
165 100
63 69.3 58.2 87.4
89 57.8 46.1 69.1

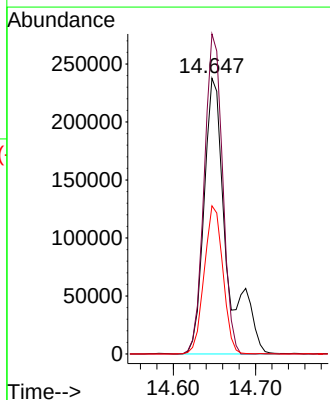
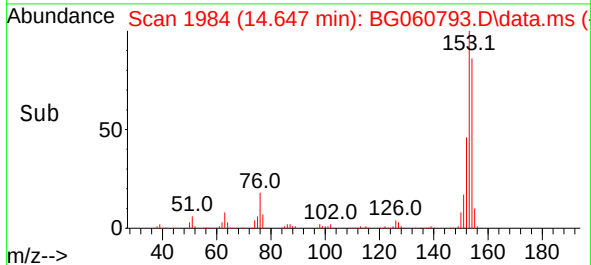
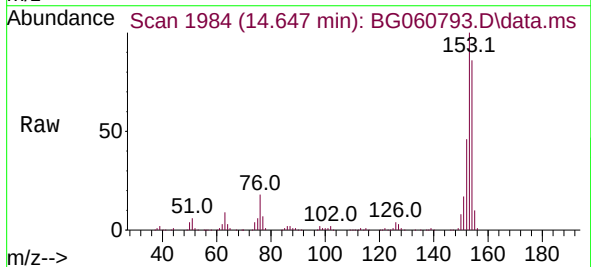
Manual Integrations
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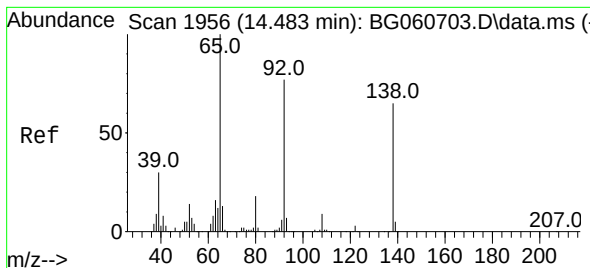
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#52
Acenaphthene
Concen: 45.747 ng m
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

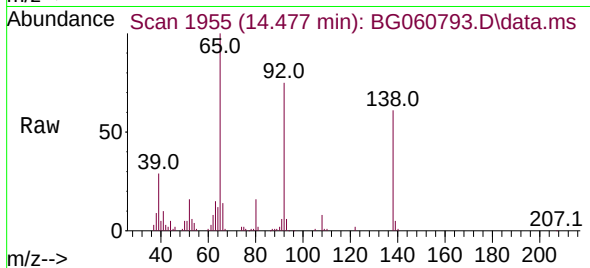
Tgt Ion:154 Resp: 453006
Ion Ratio Lower Upper
154 100
153 116.1 93.9 140.9
152 53.7 44.1 66.1





#53
3-Nitroaniline
Concen: 15.479 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

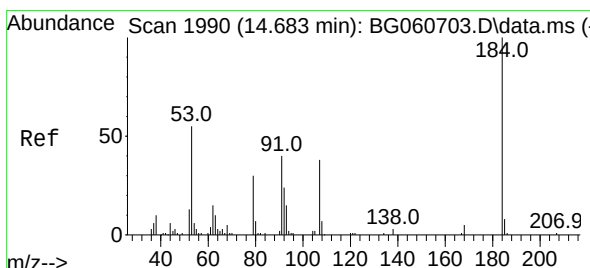
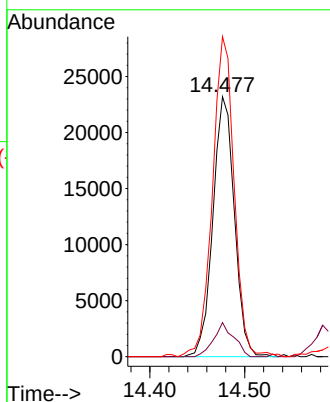
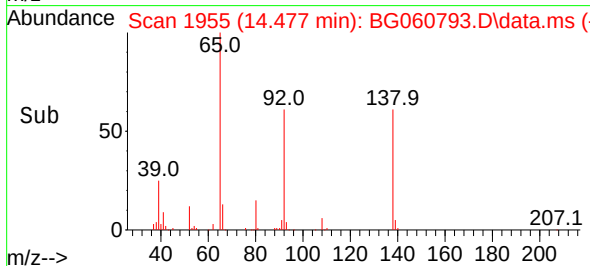
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



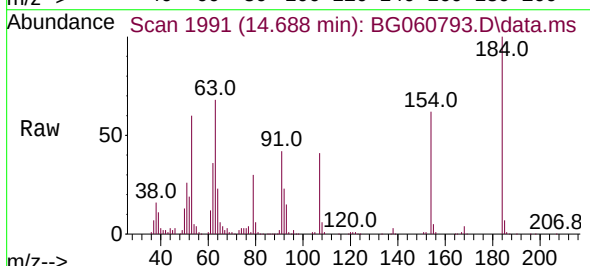
Tgt Ion:138 Resp: 36450
Ion Ratio Lower Upper
138 100
108 13.1 11.3 16.9
92 123.1 94.1 141.1

Manual Integrations
APPROVED

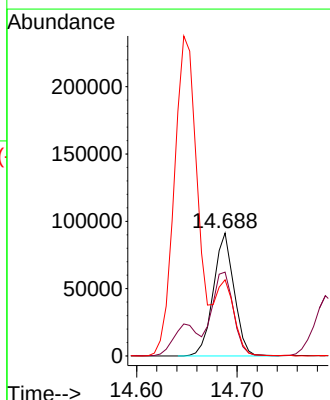
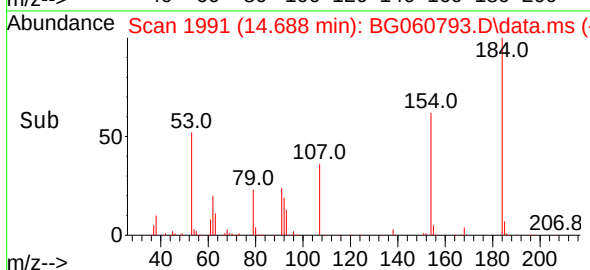
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

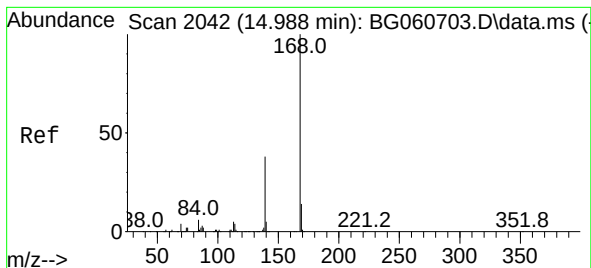


#54
2,4-Dinitrophenol
Concen: 135.854 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



Tgt Ion:184 Resp: 130731
Ion Ratio Lower Upper
184 100
63 68.1 51.3 76.9
154 61.9 59.9 89.9





#55

Dibenzenofuran

Concen: 40.337 ng

RT: 14.988 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BG060793.D

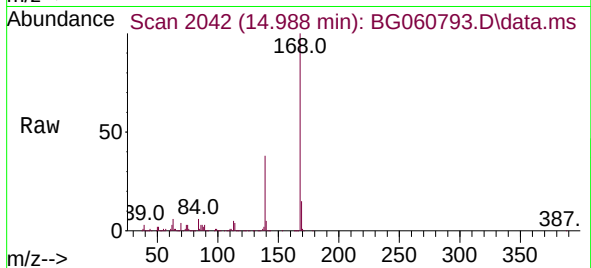
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



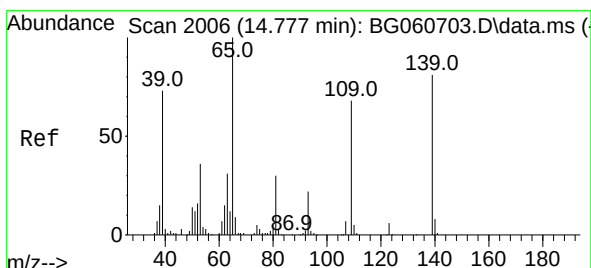
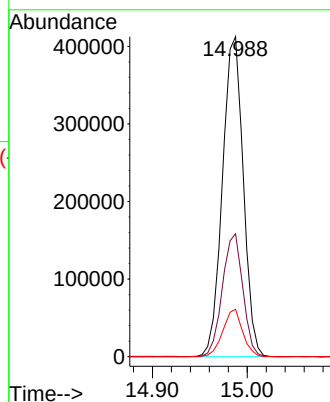
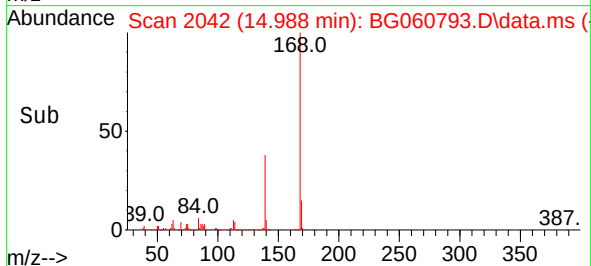
Tgt Ion:168	Resp: 63004
Ion Ratio	Lower Upper
168	100
139	38.4 30.1 45.1
169	14.8 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#56

4-Nitrophenol

Concen: 93.725 ng

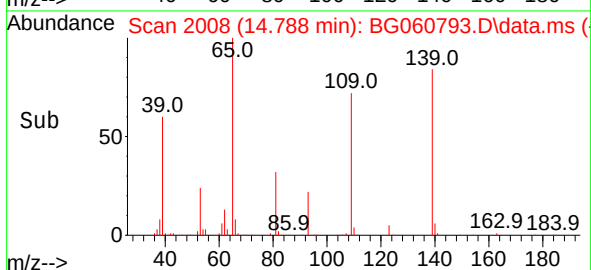
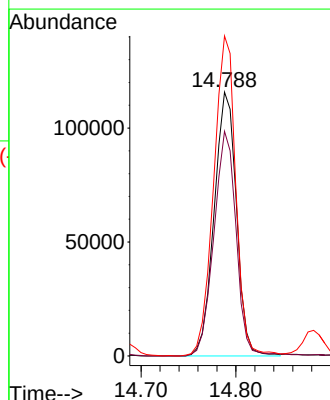
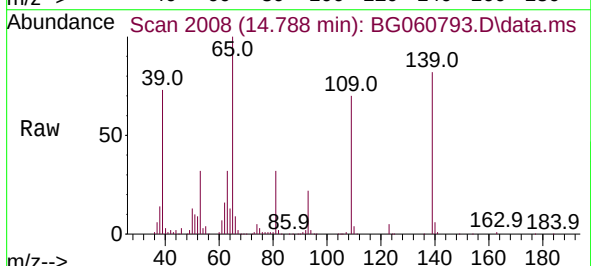
RT: 14.788 min Scan# 2008

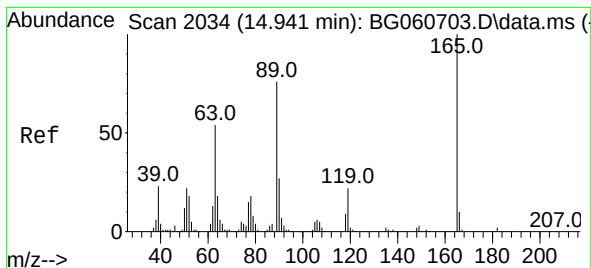
Delta R.T. 0.011 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

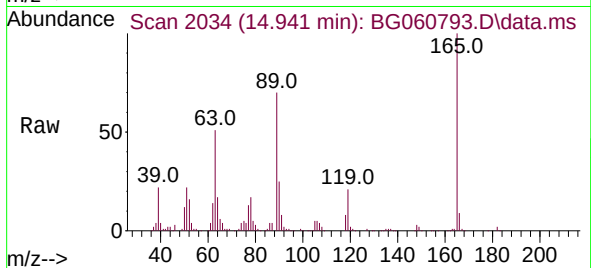
Tgt Ion:139	Resp: 189422
Ion Ratio	Lower Upper
139	100
109	85.1 64.0 104.0
65	121.2 104.3 144.3





#57
2,4-Dinitrotoluene
Concen: 51.954 ng
RT: 14.941 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

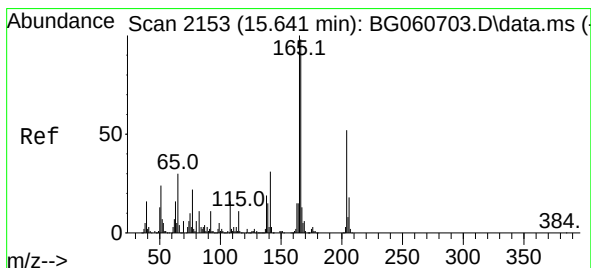
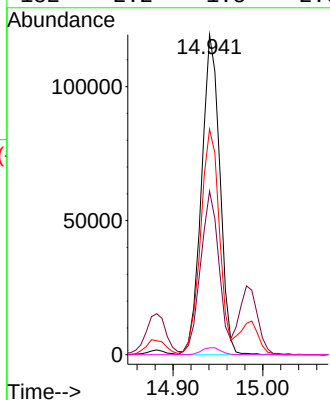
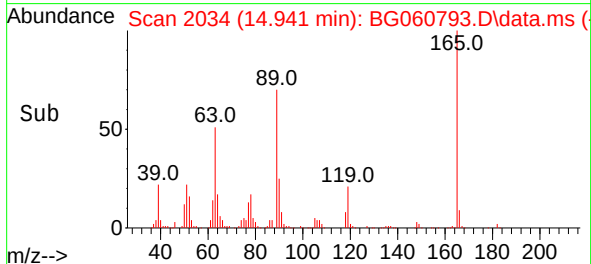
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:165 Resp: 168840
Ion Ratio Lower Upper
165 100
63 51.1 43.4 65.0
89 70.5 61.0 91.6
182 2.2 1.8 2.6

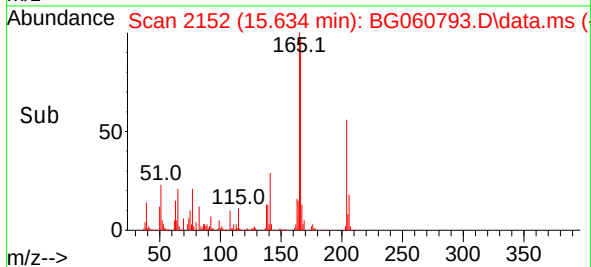
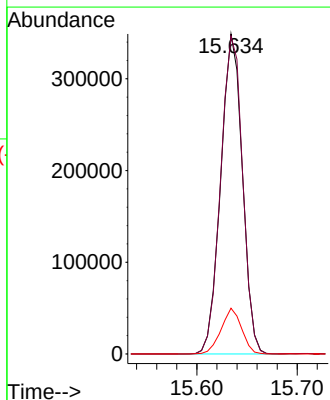
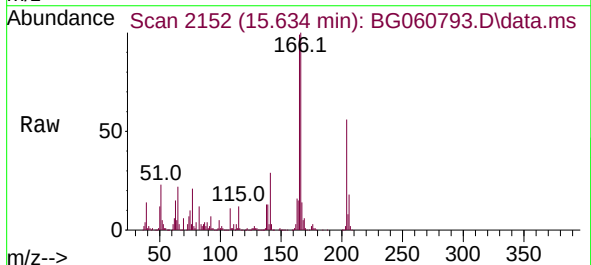
Manual Integrations
APPROVED

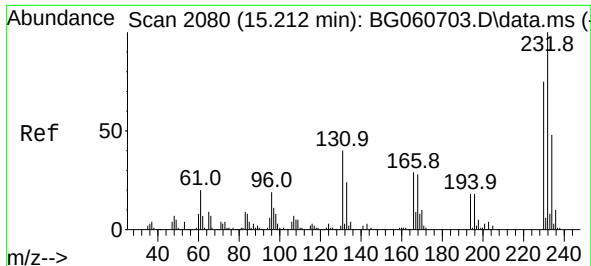
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#58
Fluorene
Concen: 41.582 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion:166 Resp: 521273
Ion Ratio Lower Upper
166 100
165 99.3 81.8 122.8
167 14.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.619 ng

RT: 15.211 min Scan# 2080

Delta R.T. -0.001 min

Lab File: BG060793.D

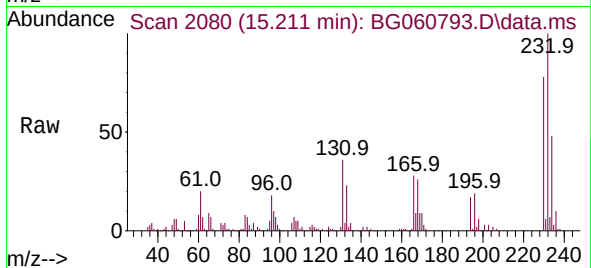
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



Tgt Ion:232 Resp: 16372

Ion Ratio Lower Upper

232 100

131 39.3 32.2 48.2

130 2.1 2.1 3.1

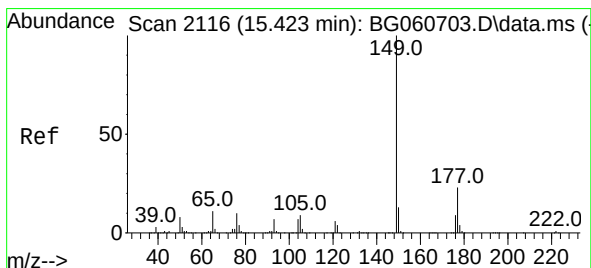
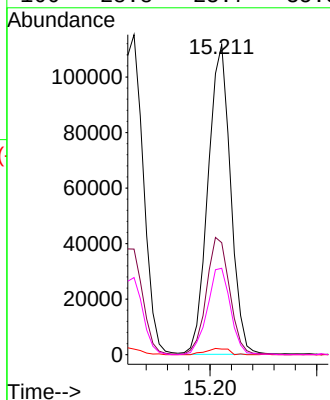
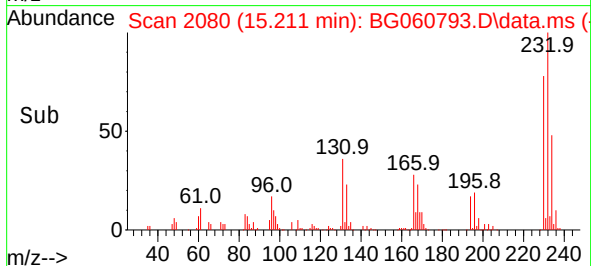
166 28.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#60

Diethylphthalate

Concen: 39.853 ng

RT: 15.417 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

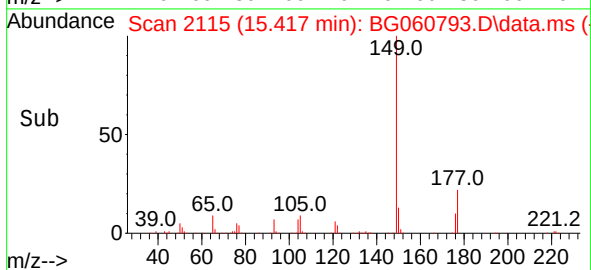
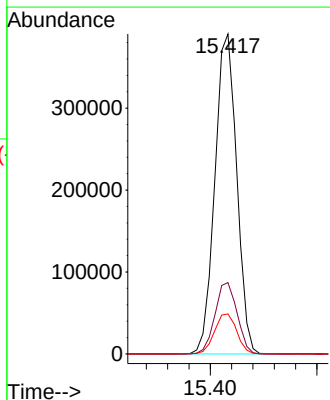
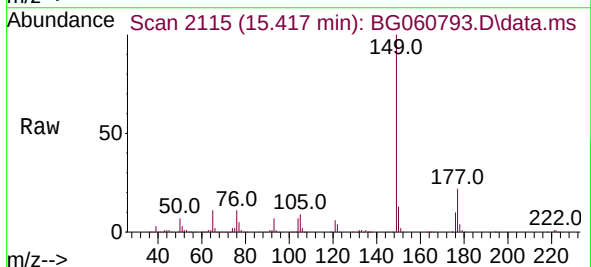
Tgt Ion:149 Resp: 554305

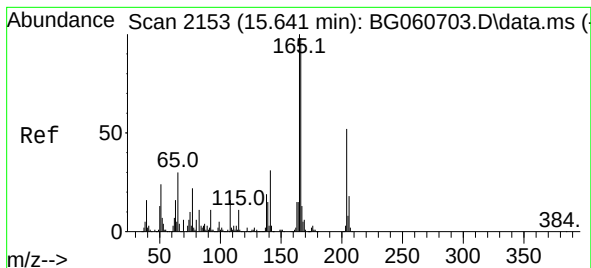
Ion Ratio Lower Upper

149 100

177 22.3 18.0 27.0

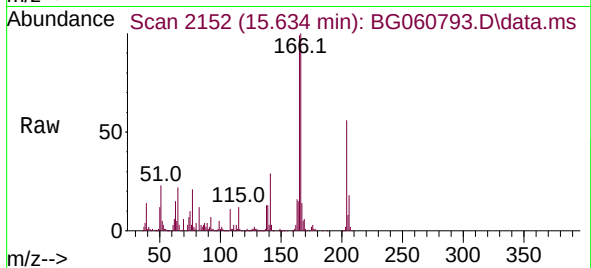
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.737 ng
RT: 15.634 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

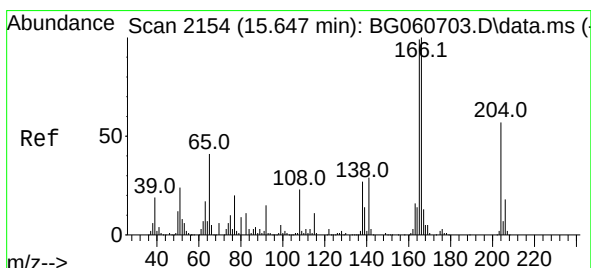
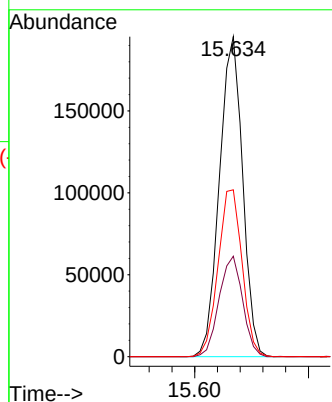
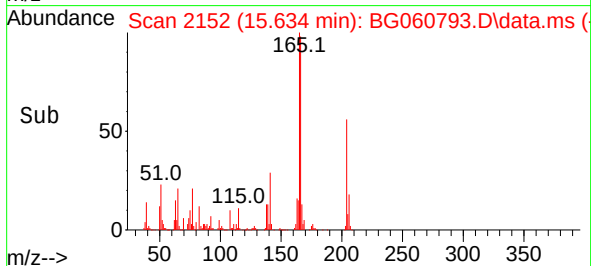
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:204 Resp: 276800
Ion Ratio Lower Upper
204 100
206 31.4 28.3 42.5
141 52.2 47.2 70.8

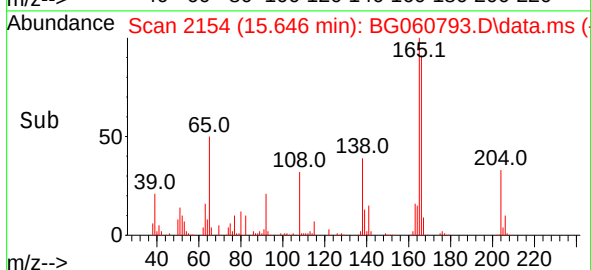
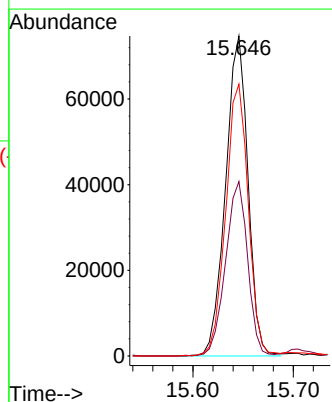
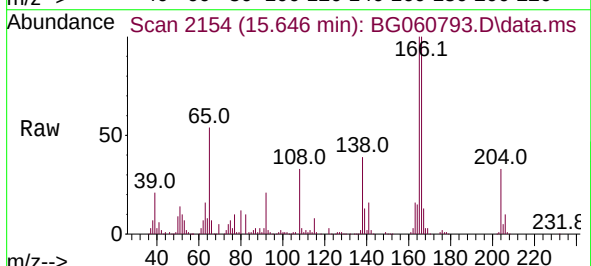
Manual Integrations
APPROVED

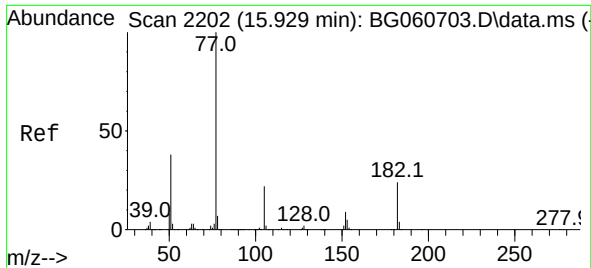
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#62
4-Nitroaniline
Concen: 45.810 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

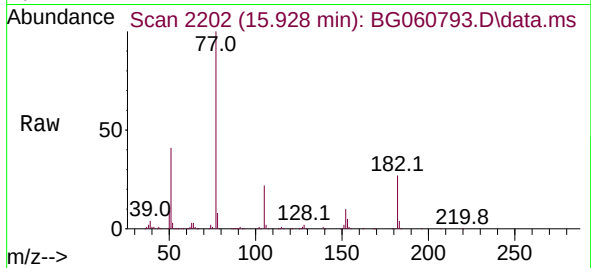
Tgt Ion:138 Resp: 115791
Ion Ratio Lower Upper
138 100
92 54.5 36.8 76.8
108 85.0 66.9 106.9





#63
Azobenzene
Concen: 39.497 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

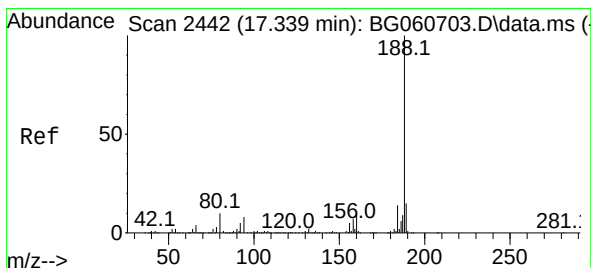
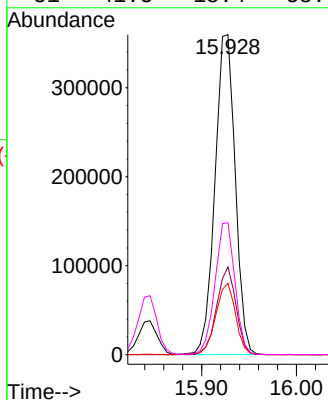
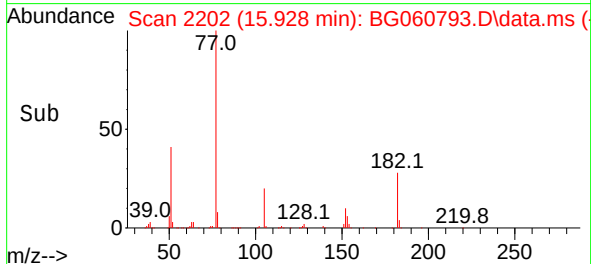
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



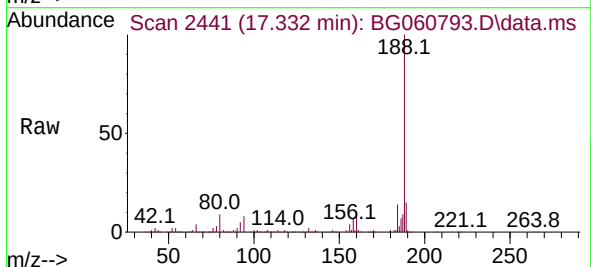
Tgt Ion: 77 Resp: 535320
Ion Ratio Lower Upper
77 100
182 27.4 3.9 43.9
105 22.3 1.7 41.7
51 41.3 18.4 58.4

Manual Integrations
APPROVED

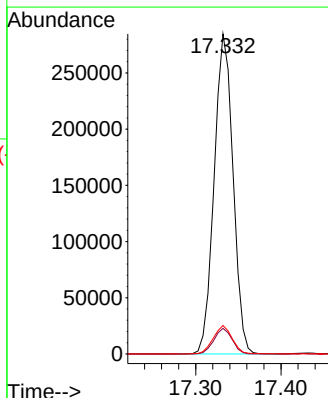
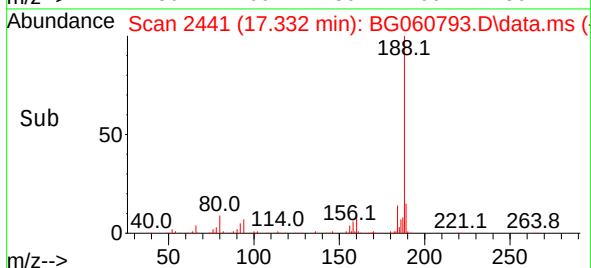
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

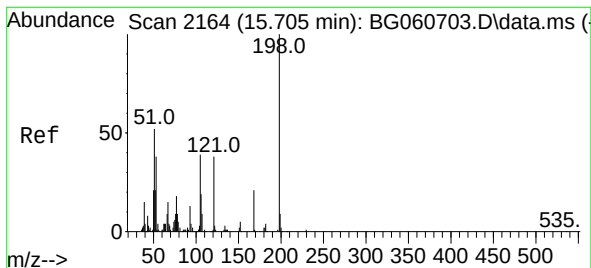


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



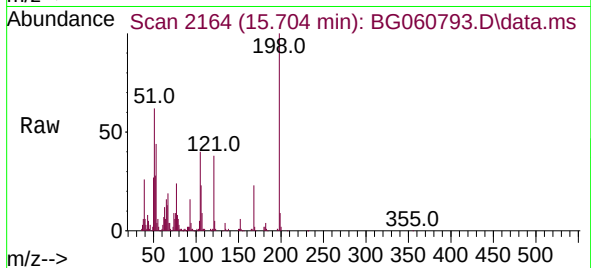
Tgt Ion:188 Resp: 437598
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 8.9 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.863 ng
RT: 15.704 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

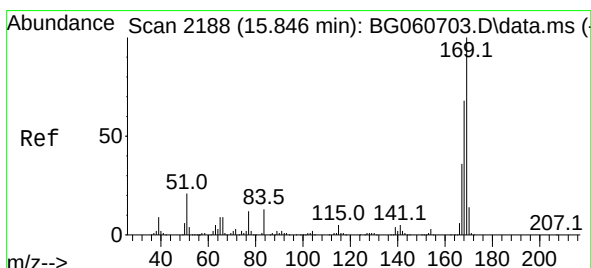
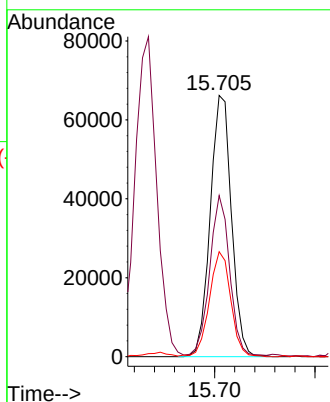
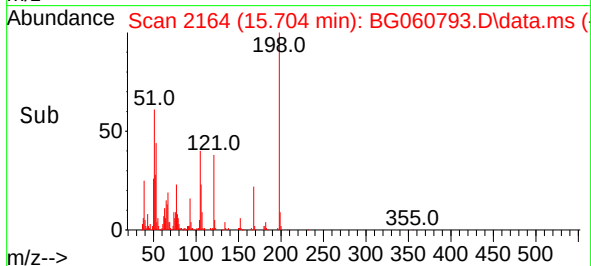
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:198 Resp: 96973
Ion Ratio Lower Upper
198 100
51 61.7 36.7 76.7
105 40.2 19.1 59.1

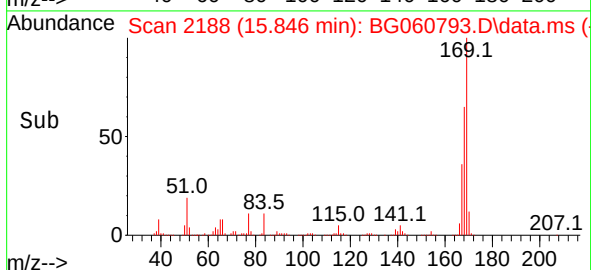
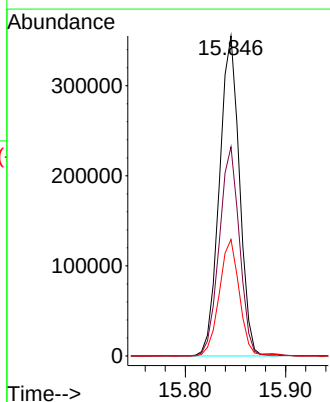
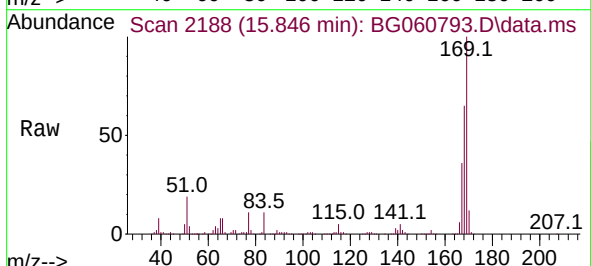
Manual Integrations
APPROVED

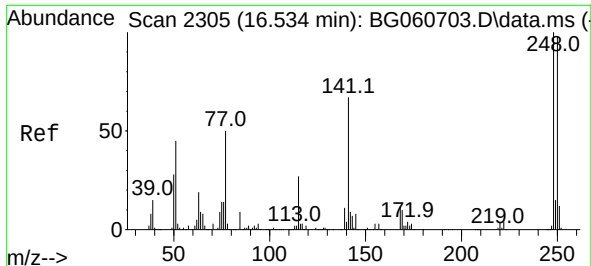
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#66
n-Nitrosodiphenylamine
Concen: 39.301 ng
RT: 15.846 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

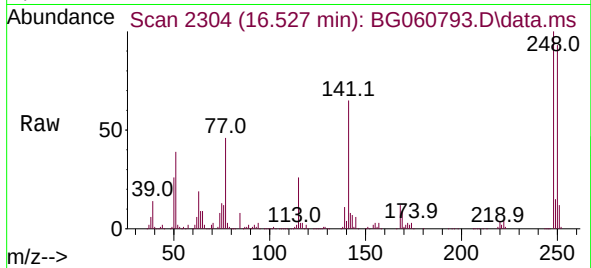
Tgt Ion:169 Resp: 491452
Ion Ratio Lower Upper
169 100
168 65.4 54.5 81.7
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.429 ng
RT: 16.527 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

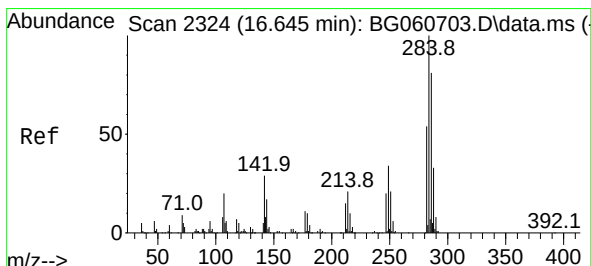
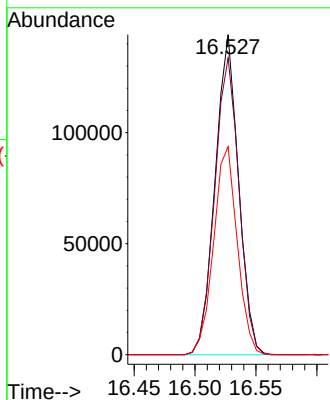
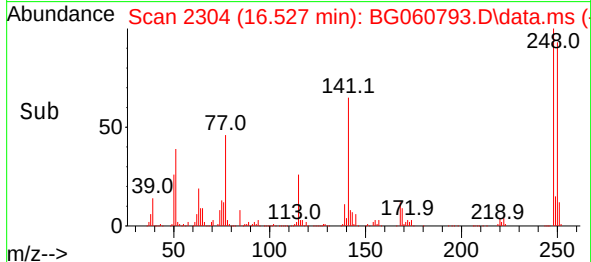
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:248 Resp: 192870
Ion Ratio Lower Upper
248 100
250 92.8 78.3 117.5
141 65.0 53.7 80.5

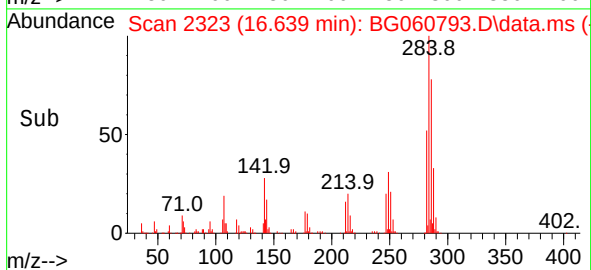
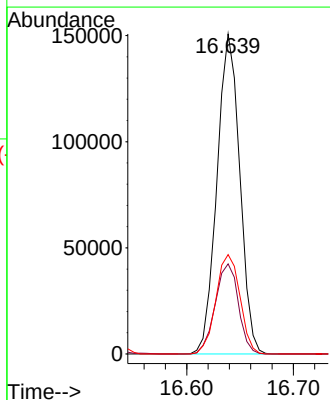
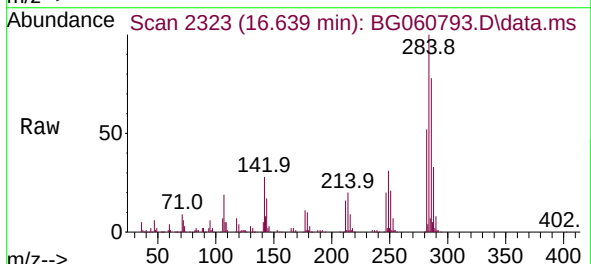
Manual Integrations
APPROVED

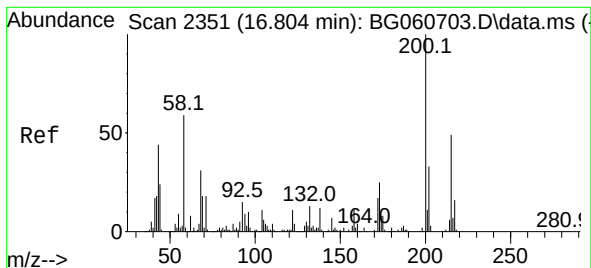
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#68
Hexachlorobenzene
Concen: 44.589 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion:284 Resp: 223540
Ion Ratio Lower Upper
284 100
142 28.2 22.9 34.3
249 31.0 27.1 40.7





#69

Atrazine

Concen: 35.369 ng

RT: 16.797 min Scan# 2350

Delta R.T. -0.007 min

Lab File: BG060793.D

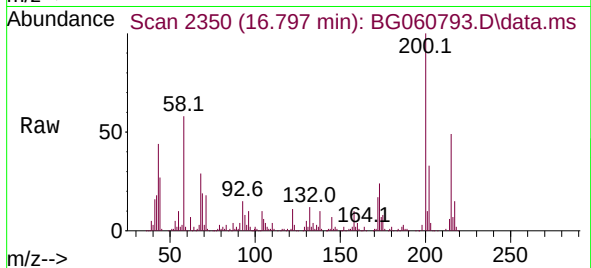
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



Tgt Ion:200 Resp: 154660

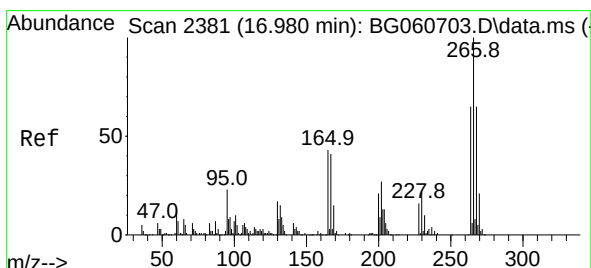
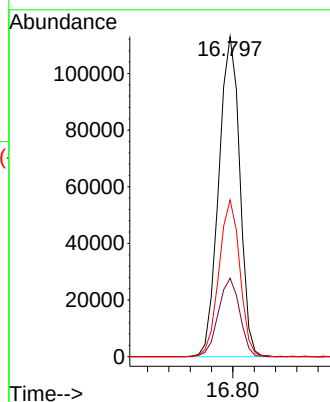
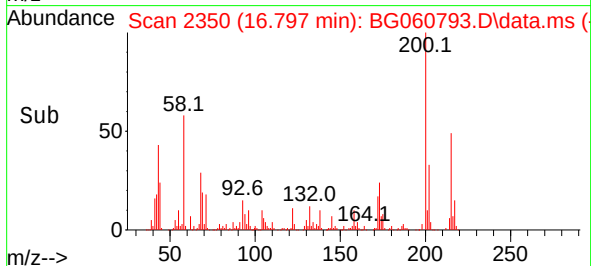
Ion	Ratio	Lower	Upper
200	100		
173	24.5	5.2	45.2
215	49.0	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#70

Pentachlorophenol

Concen: 92.380 ng

RT: 16.979 min Scan# 2381

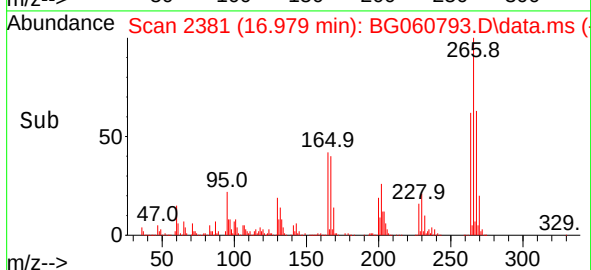
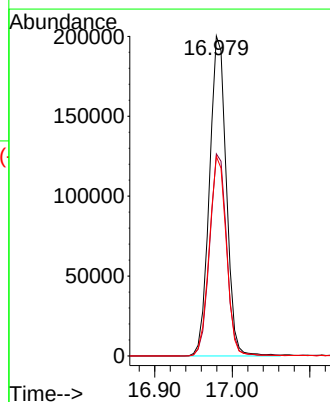
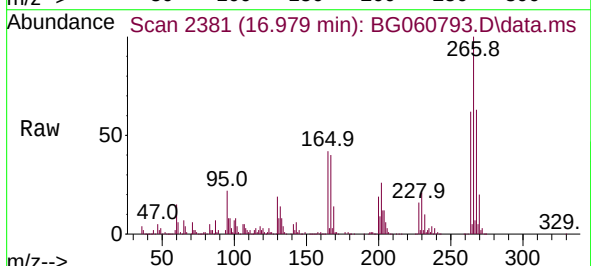
Delta R.T. -0.001 min

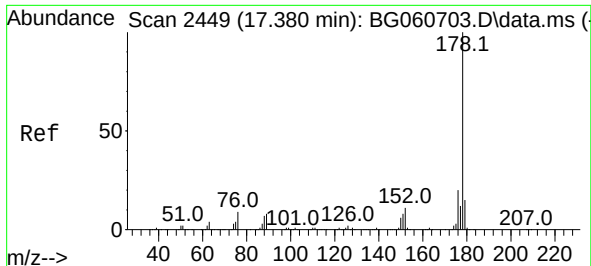
Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Tgt Ion:266 Resp: 302196

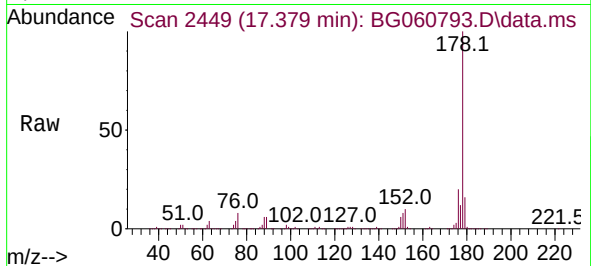
Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.2	78.4
264	62.3	51.8	77.6





#71
Phenanthrene
Concen: 40.126 ng
RT: 17.379 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

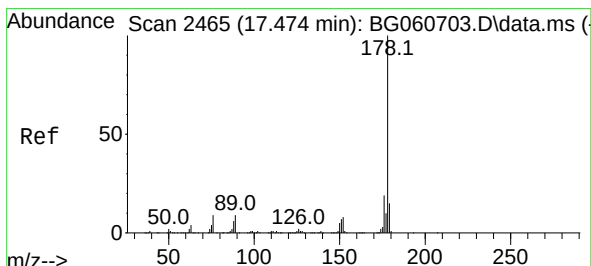
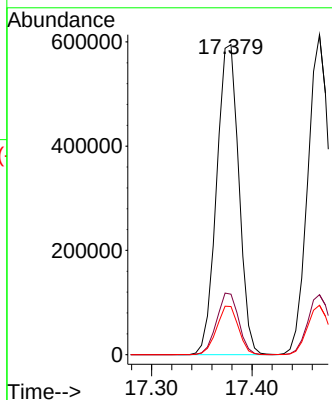
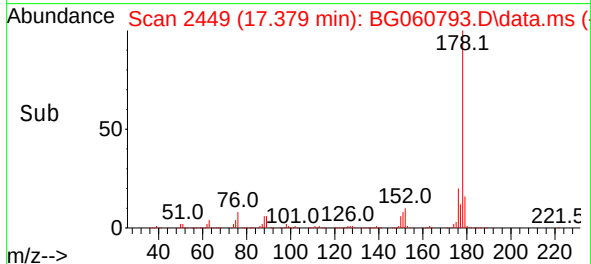
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



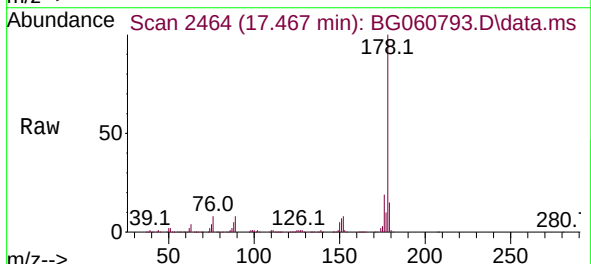
Tgt Ion:178 Resp: 913210
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 12.2 18.4

Manual Integrations
APPROVED

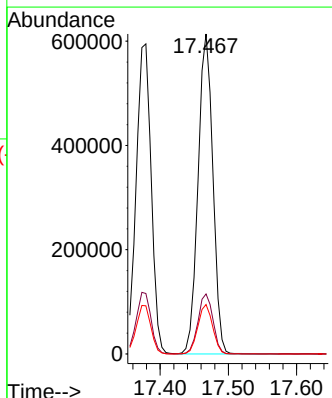
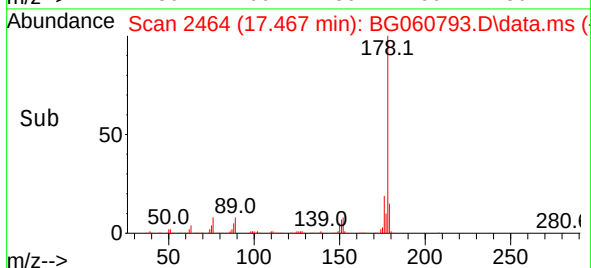
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

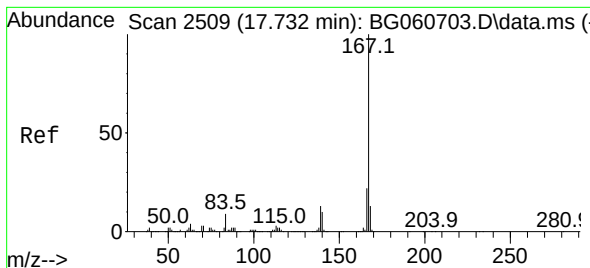


#72
Anthracene
Concen: 40.121 ng
RT: 17.467 min Scan# 2464
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



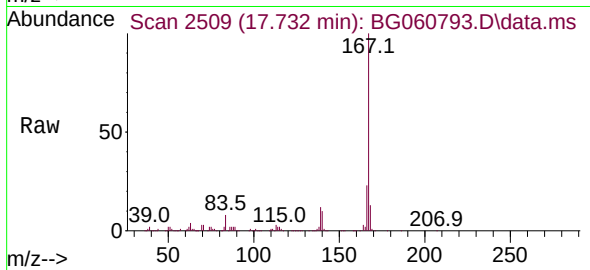
Tgt Ion:178 Resp: 927314
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 40.297 ng
 RT: 17.732 min Scan# 2509
 Delta R.T. -0.001 min
 Lab File: BG060793.D
 Acq: 5 Apr 2024 12:59

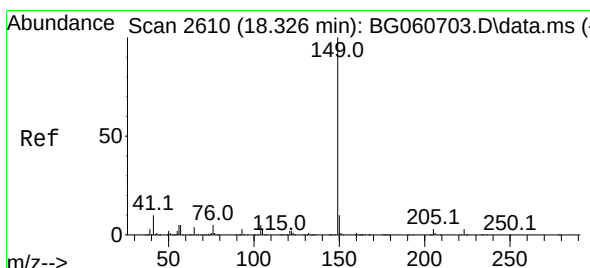
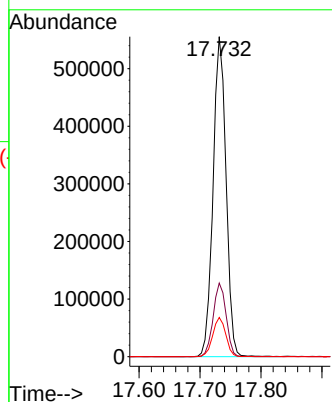
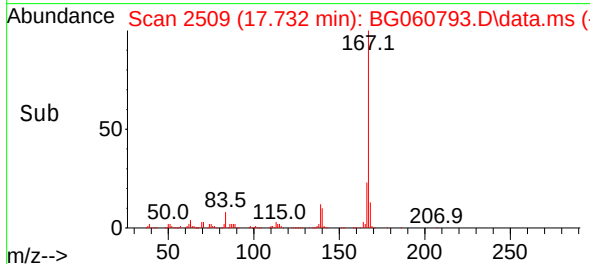
Instrument : BNA_G
 ClientSampleId : NM-DRUMS-040224MSD



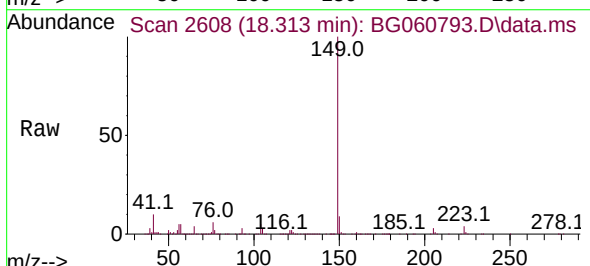
Tgt Ion:167 Resp: 82119
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 12.3 10.5 15.7

Manual Integrations
 APPROVED

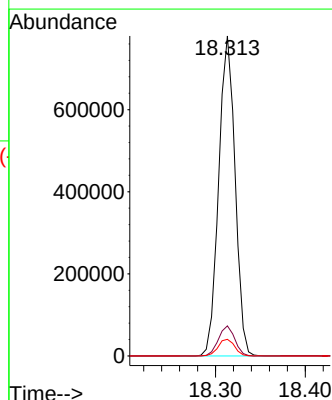
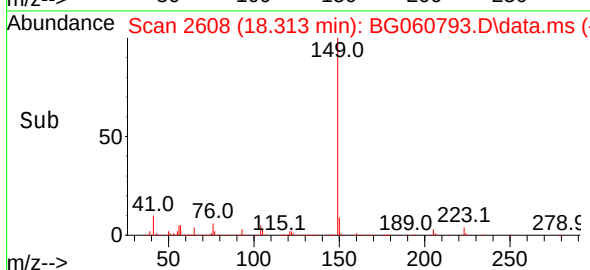
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

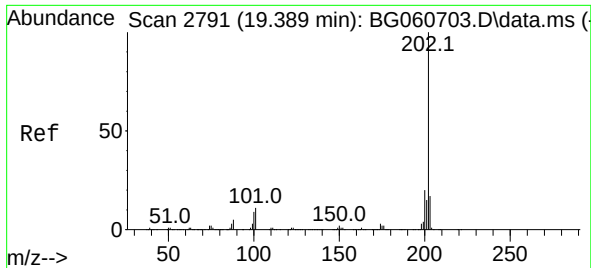


#74
 Di-n-butylphthalate
 Concen: 38.850 ng
 RT: 18.313 min Scan# 2608
 Delta R.T. -0.013 min
 Lab File: BG060793.D
 Acq: 5 Apr 2024 12:59



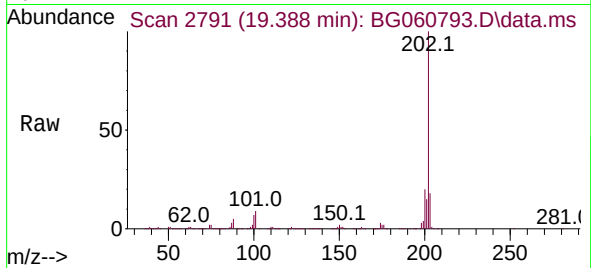
Tgt Ion:149 Resp: 987011
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 39.893 ng
RT: 19.388 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

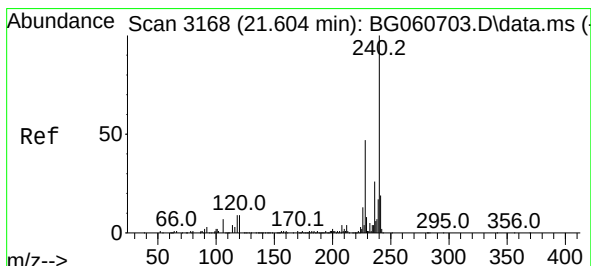
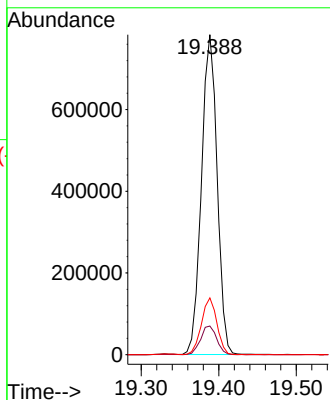
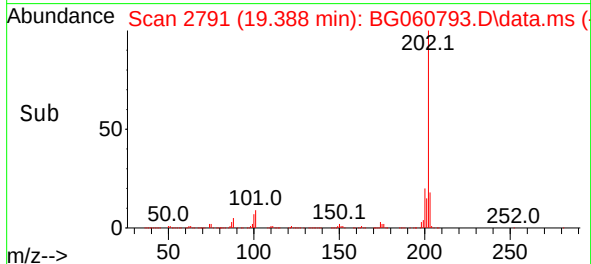
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:202 Resp: 1101690
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.8
203 17.7 0.0 37.4

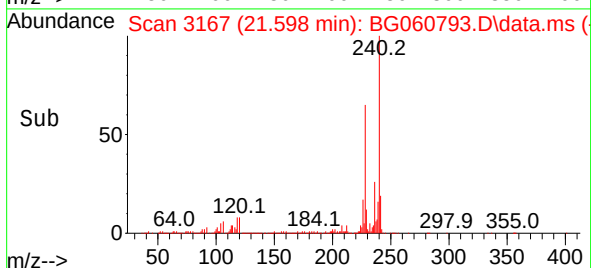
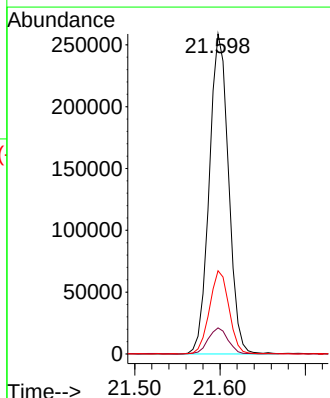
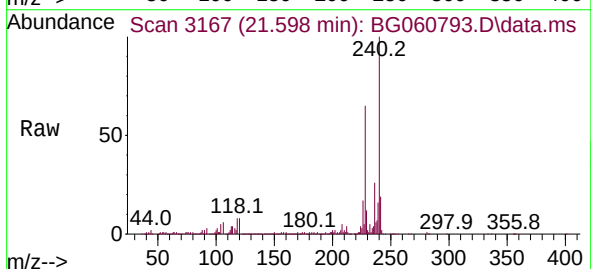
Manual Integrations
APPROVED

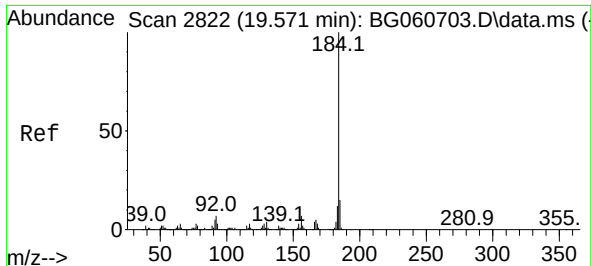
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

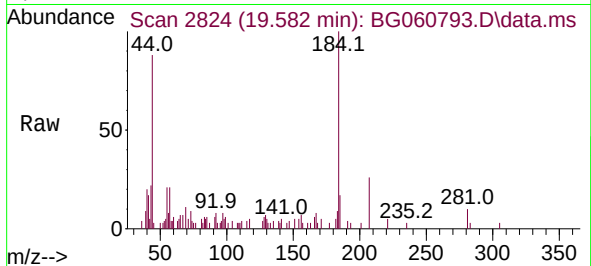
Tgt Ion:240 Resp: 407032
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.0 20.7 31.1





#77
Benzidine
Concen: 5.758 ng m
RT: 19.582 min Scan# 2824
Delta R.T. 0.011 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

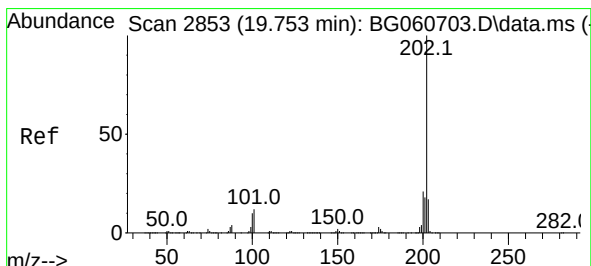
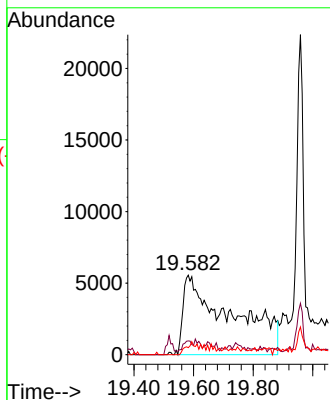
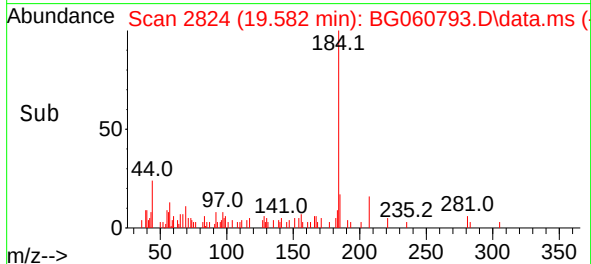
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



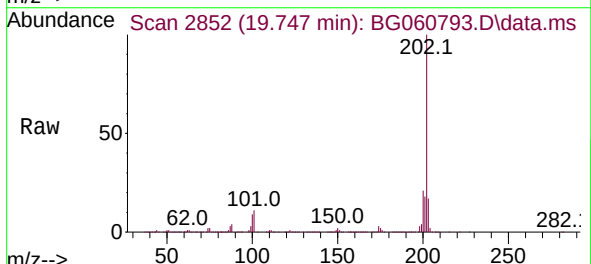
Tgt Ion:184 Resp: 61713
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 8.9 9.5 14.3

Manual Integrations
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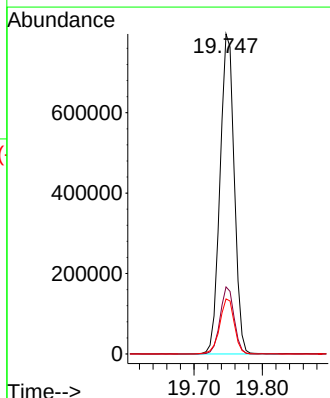
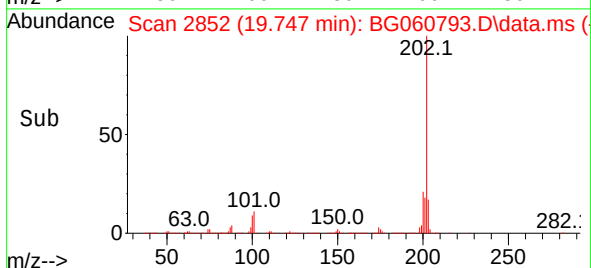
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

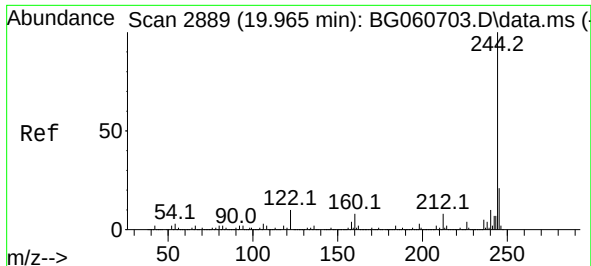


#78
Pyrene
Concen: 40.550 ng
RT: 19.747 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



Tgt Ion:202 Resp: 1154318
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.2 14.0 21.0





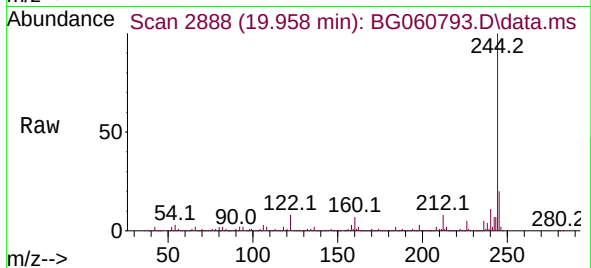
#79
 Terphenyl-d14
 Concen: 76.657 ng
 RT: 19.958 min Scan# 217
 Delta R.T. -0.007 min
 Lab File: BG060793.D
 Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



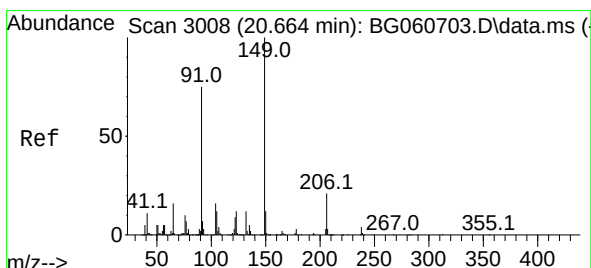
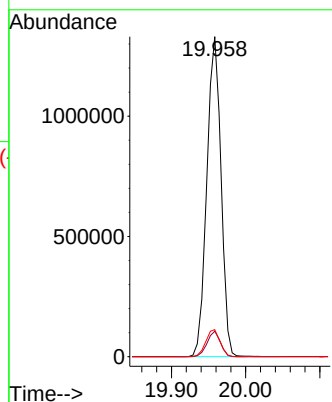
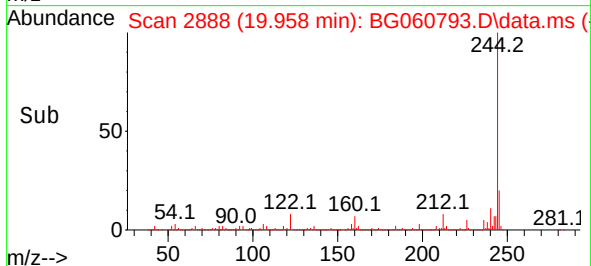
Tgt Ion:244 Resp: 1771980
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 8.4 7.8 11.8

Manual Integrations

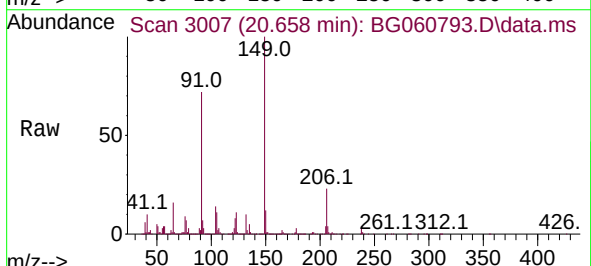
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

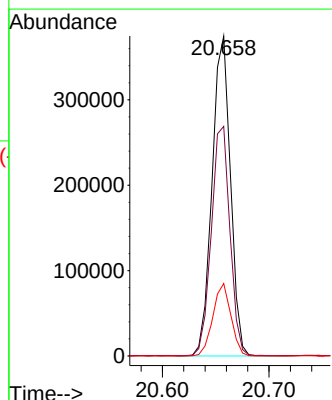
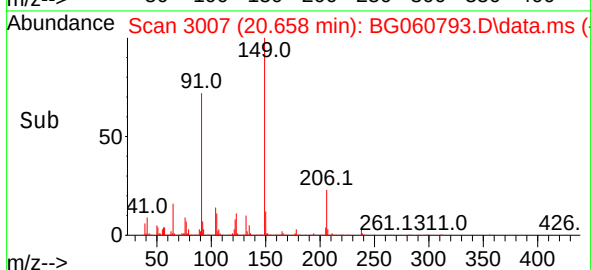
Supervised By :mohammad ahmed 04/08/2024

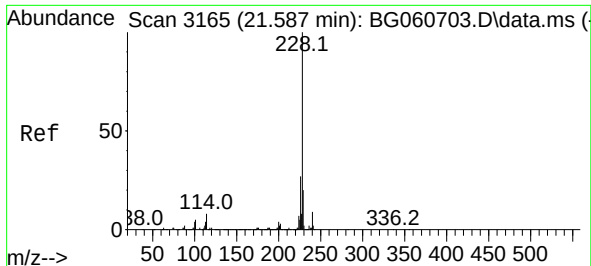


#80
 Butylbenzylphthalate
 Concen: 43.160 ng
 RT: 20.658 min Scan# 3007
 Delta R.T. -0.007 min
 Lab File: BG060793.D
 Acq: 5 Apr 2024 12:59



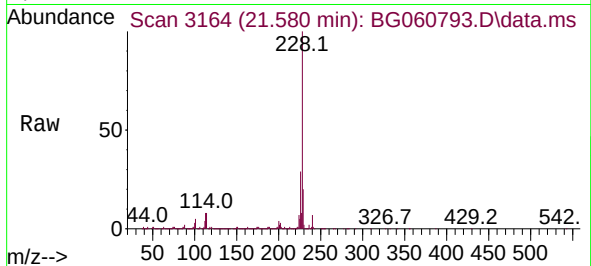
Tgt Ion:149 Resp: 448184
 Ion Ratio Lower Upper
 149 100
 91 71.8 60.1 90.1
 206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 40.957 ng
RT: 21.580 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

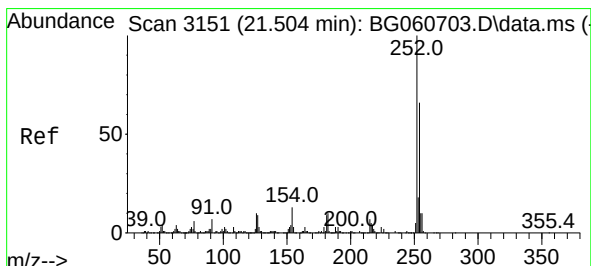
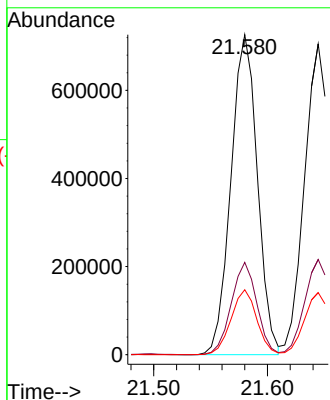
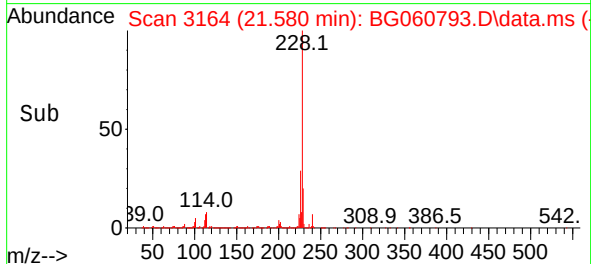
Instrument : BNA_G
ClientSampleId : NM-DRUMS-040224MSD



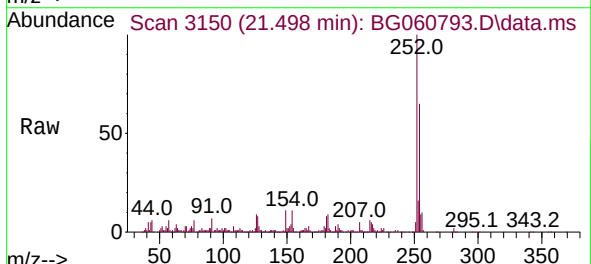
Tgt Ion:228 Resp: 117511
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 20.3 15.8 23.8

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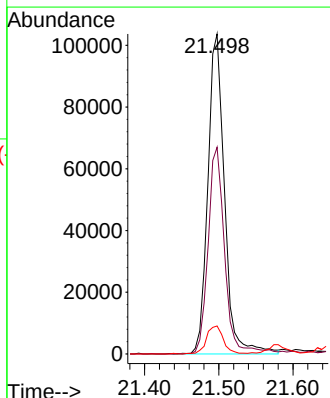
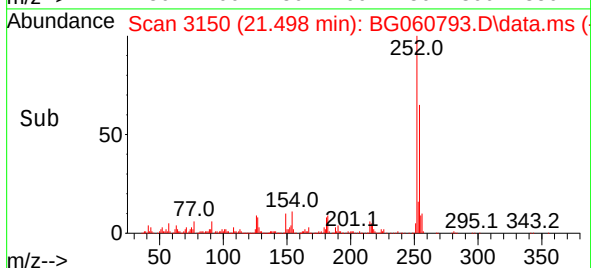
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

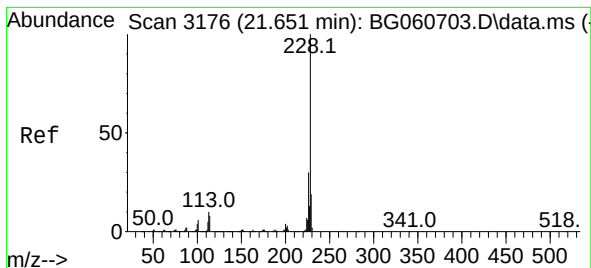


#82
3,3'-Dichlorobenzidine
Concen: 16.755 ng
RT: 21.498 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



Tgt Ion:252 Resp: 162316
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 8.8 7.8 11.8





#83

Chrysene

Concen: 40.692 ng

RT: 21.645 min Scan# 3175

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD

Tgt Ion:228 Resp: 1125300

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

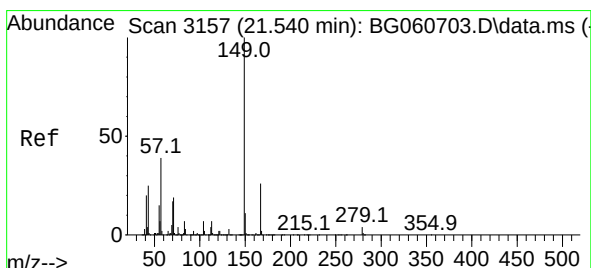
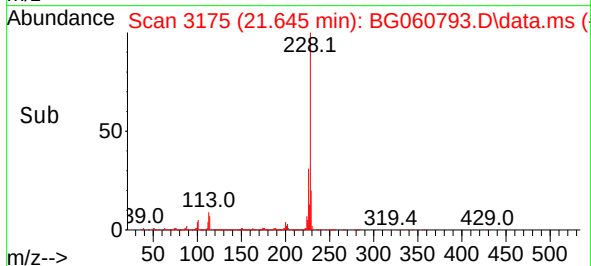
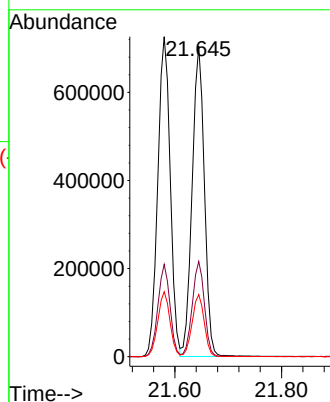
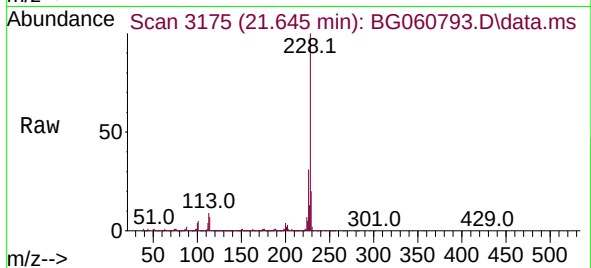
229 20.0 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.897 ng

RT: 21.521 min Scan# 3154

Delta R.T. -0.018 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

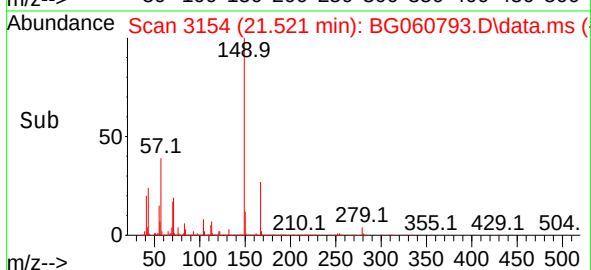
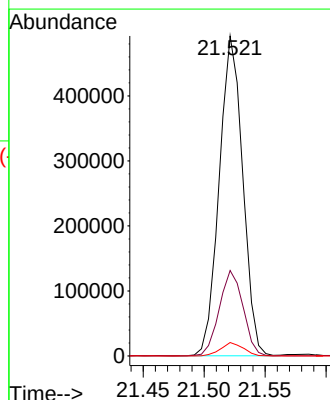
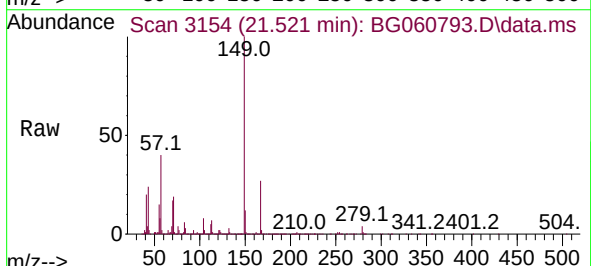
Tgt Ion:149 Resp: 660353

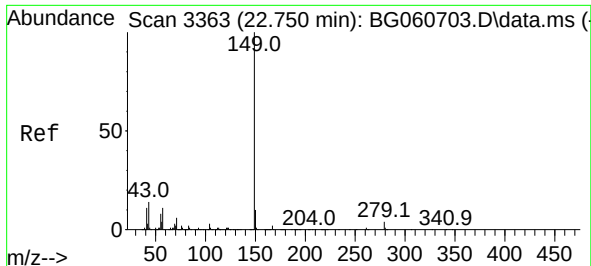
Ion Ratio Lower Upper

149 100

167 26.7 20.6 30.8

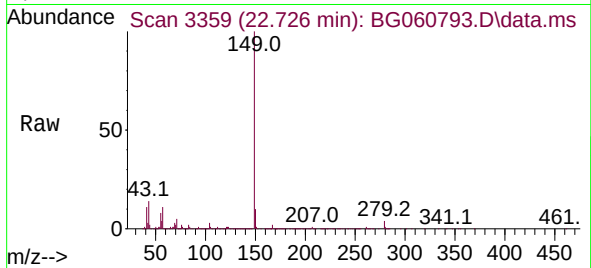
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 42.907 ng
RT: 22.726 min Scan# 3363
Delta R.T. -0.024 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

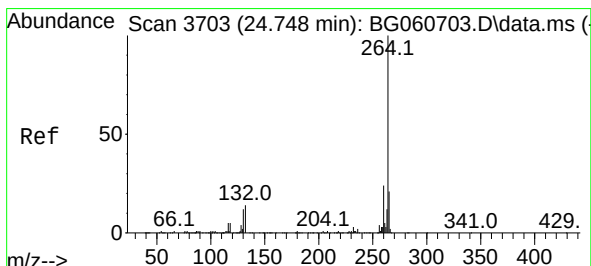
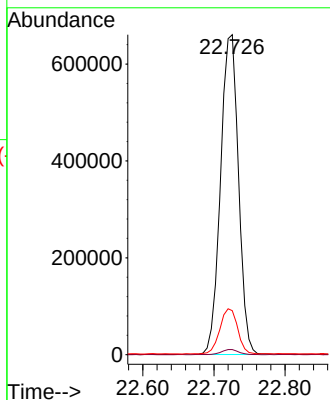
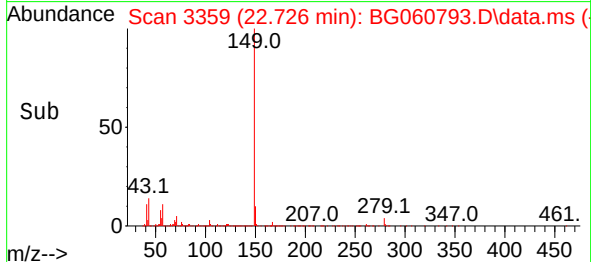
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:149 Resp: 1156923
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.0 11.3 16.9

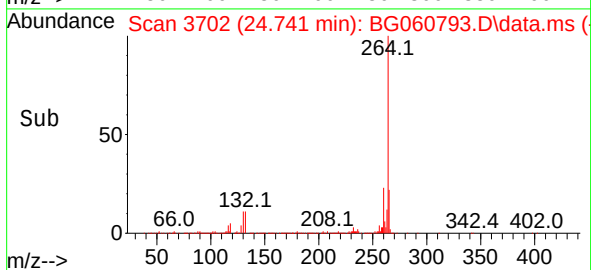
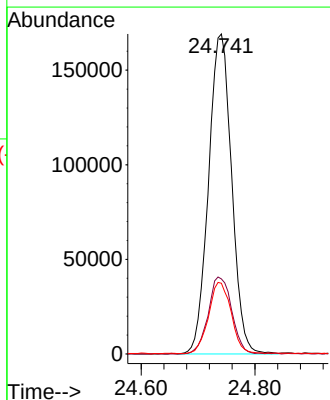
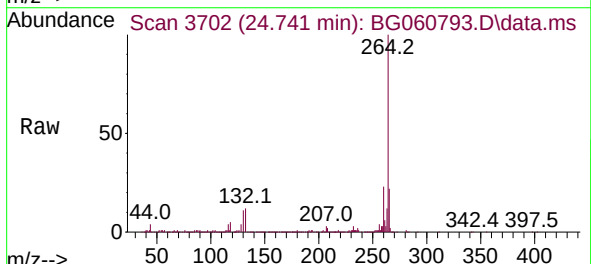
Manual Integrations
APPROVED

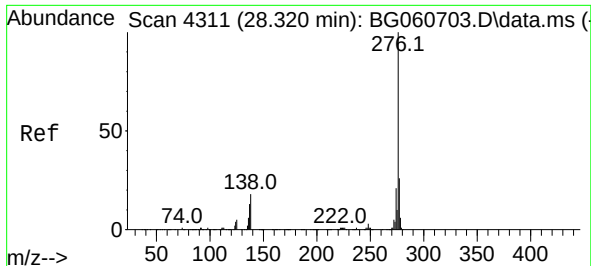
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.741 min Scan# 3702
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

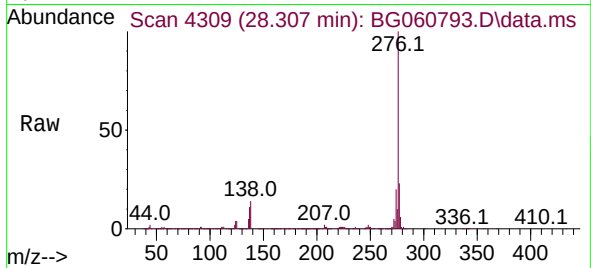
Tgt Ion:264 Resp: 476723
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 22.1 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.925 ng
RT: 28.307 min Scan# 4311
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

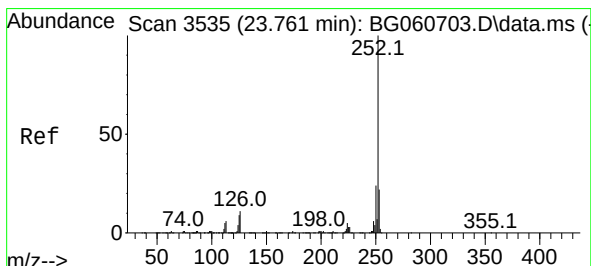
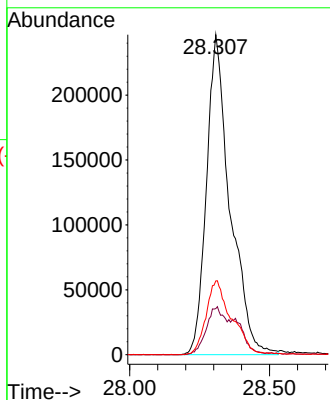
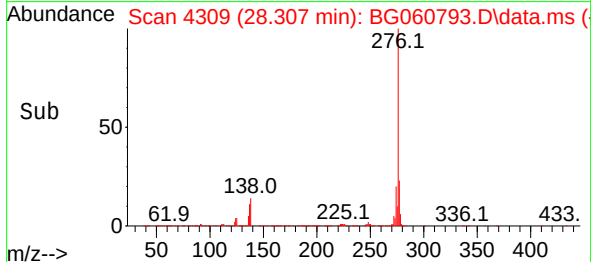
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



Tgt Ion:276 Resp: 1441030
Ion Ratio Lower Upper
276 100
138 13.0 12.4 18.6
277 25.0 20.2 30.2

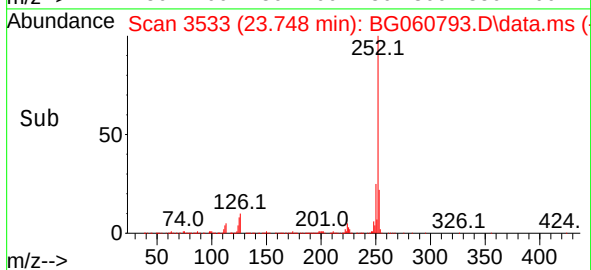
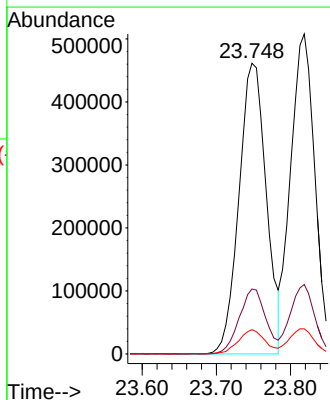
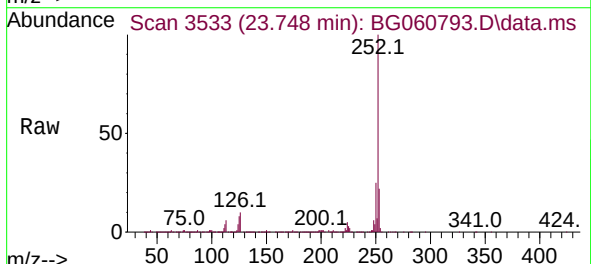
Manual Integrations
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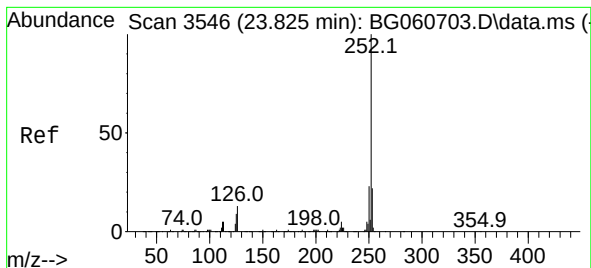
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#88
Benzo(b)fluoranthene
Concen: 43.137 ng
RT: 23.748 min Scan# 3533
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

Tgt Ion:252 Resp: 1181420
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.160 ng

RT: 23.819 min Scan# 3545

Delta R.T. -0.007 min

Lab File: BG060793.D

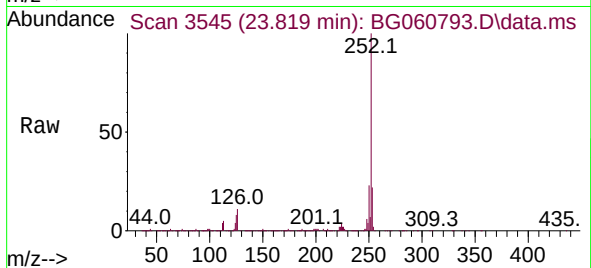
Acq: 5 Apr 2024 12:59

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MSD



Tgt Ion:252 Resp: 115380

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

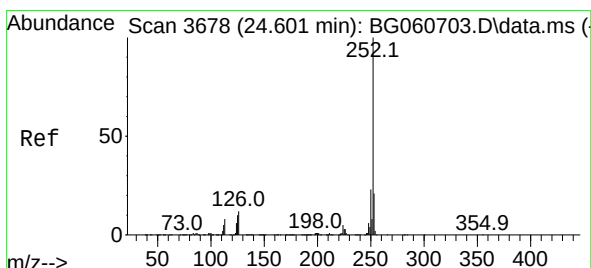
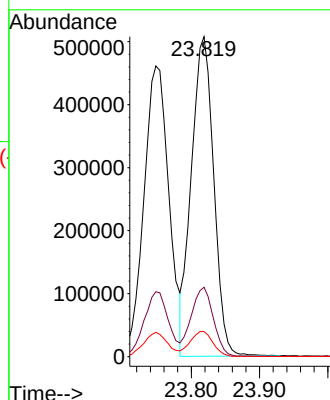
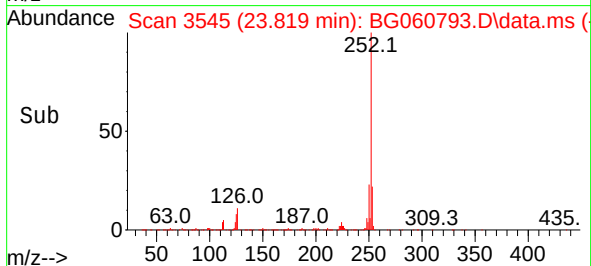
125 7.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#90

Benzo(a)pyrene

Concen: 41.308 ng

RT: 24.594 min Scan# 3677

Delta R.T. -0.007 min

Lab File: BG060793.D

Acq: 5 Apr 2024 12:59

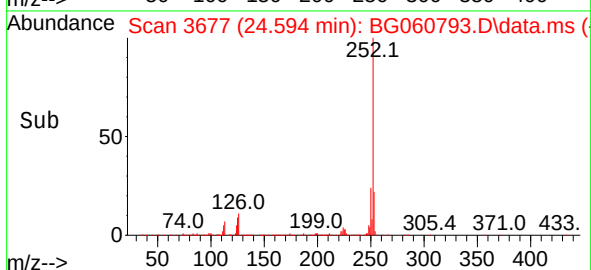
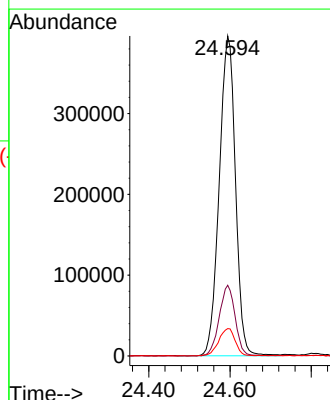
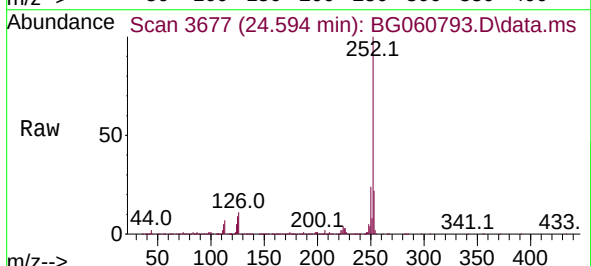
Tgt Ion:252 Resp: 1099423

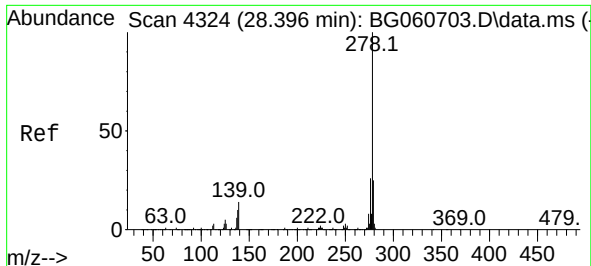
Ion Ratio Lower Upper

252 100

253 22.1 16.8 25.2

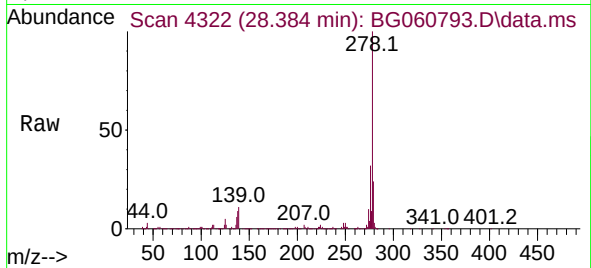
125 8.6 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 41.750 ng
RT: 28.384 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59

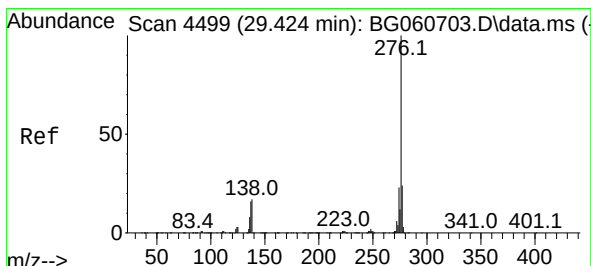
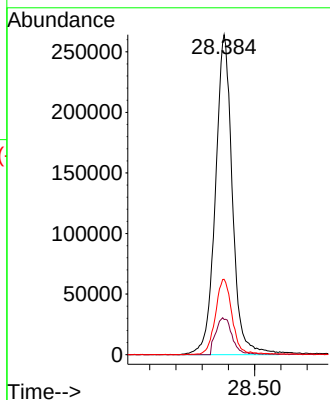
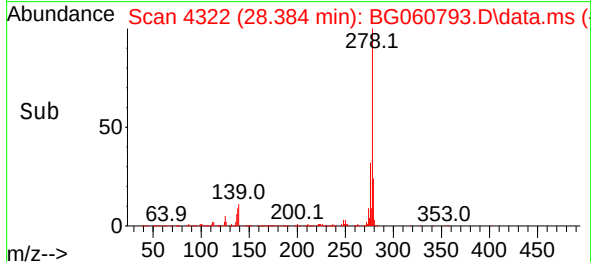
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD



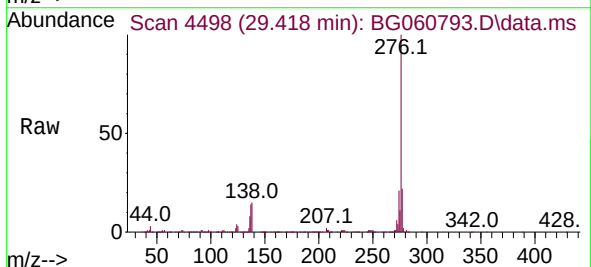
Tgt Ion:278 Resp: 1181490
Ion Ratio Lower Upper
278 100
139 11.0 11.1 16.7
279 23.6 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#92
Benzo(g,h,i)perylene
Concen: 40.290 ng
RT: 29.418 min Scan# 4498
Delta R.T. -0.007 min
Lab File: BG060793.D
Acq: 5 Apr 2024 12:59



Tgt Ion:276 Resp: 1109133
Ion Ratio Lower Upper
276 100
277 22.5 18.9 28.3
138 15.5 14.0 21.0

