

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060792.D
 Acq On : 5 Apr 2024 12:19
 Operator : MA/JU
 Sample : P1957-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 01:38:23 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	7.953	152	55583	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	227734	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	185169	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	459831	20.000	ng	0.00
76) Chrysene-d12	21.601	240	422946	20.000	ng	0.00
86) Perylene-d12	24.739	264	505826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	378034	113.301	ng	0.00
7) Phenol-d6	7.118	99	504006	101.764	ng	0.00
23) Nitrobenzene-d5	9.110	82	365144	91.491	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	330547	157.256	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	918991	72.838	ng	0.00
79) Terphenyl-d14	19.956	244	1836963	76.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.470	88	46677	34.122	ng	# 35
3) Pyridine	3.863	79	105587	25.589	ng	94
4) n-Nitrosodimethylamine	3.769	42	97322	39.458	ng	94
6) Aniline	7.277	93	96542	15.436	ng	97
8) 2-Chlorophenol	7.524	128	148987	39.387	ng	96
9) Benzaldehyde	7.089	77	12920m	4.731	ng	
10) Phenol	7.148	94	182164	36.040	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	139422	34.165	ng	96
12) 1,3-Dichlorobenzene	7.847	146	150682	38.306	ng	98
13) 1,4-Dichlorobenzene	7.994	146	156074	38.890	ng	95
14) 1,2-Dichlorobenzene	8.305	146	150254	38.205	ng	98
15) Benzyl Alcohol	8.188	79	153883	38.357	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.476	45	330607	35.898	ng	99
17) 2-Methylphenol	8.393	107	132825	34.810	ng	97
18) Hexachloroethane	9.040	117	56226	39.448	ng	90
19) n-Nitroso-di-n-propyla...	8.758	70	125591	33.252	ng	94
20) 3+4-Methylphenols	8.722	107	181120	34.663	ng	93
22) Acetophenone	8.769	105	241621	38.478	ng	97
24) Nitrobenzene	9.151	77	179050	40.749	ng	97
25) Isophorone	9.674	82	336238	36.578	ng	100
26) 2-Nitrophenol	9.862	139	77465	49.488	ng	92
27) 2,4-Dimethylphenol	9.921	122	115752	31.347	ng	99
28) bis(2-Chloroethoxy)met...	10.162	93	195581	36.038	ng	100
29) 2,4-Dichlorophenol	10.397	162	151058	44.549	ng	99
30) 1,2,4-Trichlorobenzene	10.614	180	159234	41.471	ng	98
31) Naphthalene	10.802	128	464032	37.668	ng	100
32) Benzoic acid	10.039	122	110785	45.507	ng	96
33) 4-Chloroaniline	10.902	127	22223	3.884	ng	95
34) Hexachlorobutadiene	11.096	225	105236	41.125	ng	97
35) Caprolactam	11.666	113	49502m	36.859	ng	
36) 4-Chloro-3-methylphenol	12.030	107	188606	43.541	ng	96
37) 2-Methylnaphthalene	12.412	142	333425	36.815	ng	99
38) 1-Methylnaphthalene	12.630	142	317013	37.052	ng	99
40) 1,2,4,5-Tetrachloroben...	12.777	216	211213	39.676	ng	99
41) Hexachlorocyclopentadiene	12.765	237	214441	79.222	ng	97
43) 2,4,6-Trichlorophenol	13.012	196	151328	44.147	ng	94

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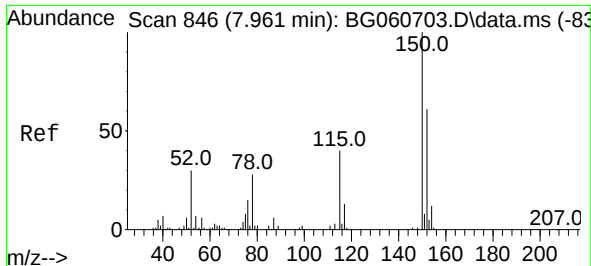
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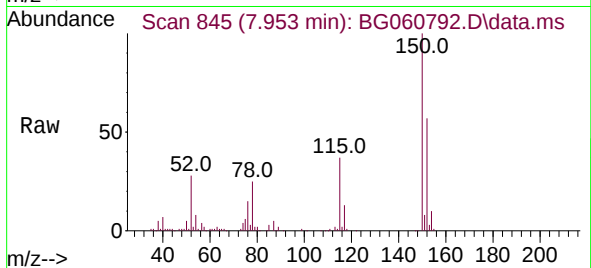
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	172247	42.107	ng	98
46) 1,1'-Biphenyl	13.423	154	488416	37.343	ng	99
47) 2-Chloronaphthalene	13.458	162	385507	38.795	ng	97
48) 2-Nitroaniline	13.658	65	152248	47.369	ng	96
49) Acenaphthylene	14.310	152	678060	40.610	ng	99
50) Dimethylphthalate	14.046	163	564986	38.603	ng	100
51) 2,6-Dinitrotoluene	14.157	165	117286	44.993	ng	95
52) Acenaphthene	14.651	154	459318m	43.814	ng	
53) 3-Nitroaniline	14.480	138	31485	13.153	ng	# 95
54) 2,4-Dinitrophenol	14.686	184	133558	131.100	ng	88
55) Dibenzofuran	14.986	168	655717	39.654	ng	99
56) 4-Nitrophenol	14.792	139	195930	91.573	ng	99
57) 2,4-Dinitrotoluene	14.945	165	176595	51.395	ng	91
58) Fluorene	15.638	166	534249	40.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	170581	47.849	ng	97
60) Diethylphthalate	15.415	149	567875	38.566	ng	97
61) 4-Chlorophenyl-phenyle...	15.632	204	282559	40.244	ng	98
62) 4-Nitroaniline	15.644	138	118912	44.438	ng	96
63) Azobenzene	15.926	77	554160	38.621	ng	96
65) 4,6-Dinitro-2-methylph...	15.708	198	98667	51.409	ng	98
66) n-Nitrosodiphenylamine	15.844	169	504038	38.358	ng	98
67) 4-Bromophenyl-phenylether	16.525	248	198281	42.489	ng	97
68) Hexachlorobenzene	16.643	284	225920	42.885	ng	97
69) Atrazine	16.795	200	155803	33.906	ng	97
70) Pentachlorophenol	16.983	266	317277	92.301	ng	96
71) Phenanthrene	17.377	178	942727	39.420	ng	99
72) Anthracene	17.465	178	953154	39.245	ng	100
73) Carbazole	17.730	167	841974	39.320	ng	99
74) Di-n-butylphthalate	18.311	149	1018271	38.142	ng	100
75) Fluoranthene	19.386	202	1150117	39.633	ng	98
77) Benzidine	19.574	184	65210m	5.855	ng	
78) Pyrene	19.751	202	1186033	40.096	ng	100
80) Butylbenzylphthalate	20.656	149	460245	42.653	ng	96
81) Benzo(a)anthracene	21.578	228	1218102	40.858	ng	99
82) 3,3'-Dichlorobenzidine	21.496	252	143135	14.219	ng	98
83) Chrysene	21.643	228	1164806	40.535	ng	100
84) Bis(2-ethylhexyl)phtha...	21.519	149	676341	39.326	ng	95
85) Di-n-octyl phthalate	22.724	149	1188110	42.405	ng	100
87) Indeno(1,2,3-cd)pyrene	28.311	276	1486384	41.728	ng	# 96
88) Benzo(b)fluoranthene	23.752	252	1204499	41.449	ng	99
89) Benzo(k)fluoranthene	23.817	252	1214034	40.817	ng	98
90) Benzo(a)pyrene	24.598	252	1125762	39.864	ng	99
91) Dibenzo(a,h)anthracene	28.382	278	1205234	40.138	ng	97
92) Benzo(g,h,i)perylene	29.422	276	1130317	38.697	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

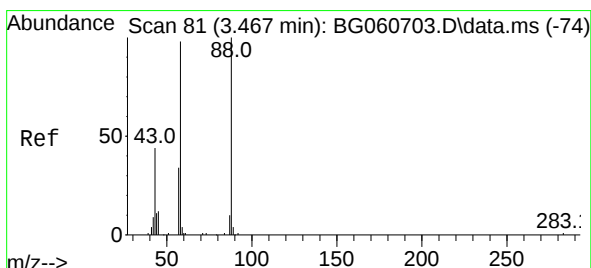
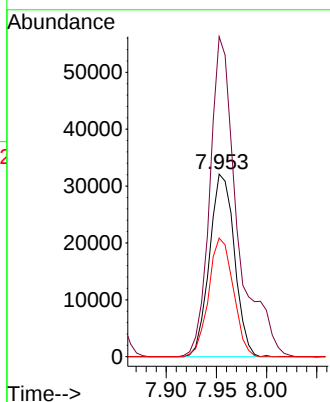
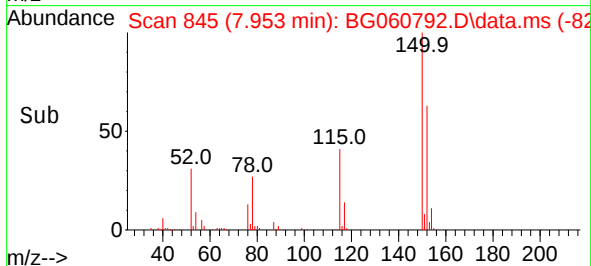
Instrument :
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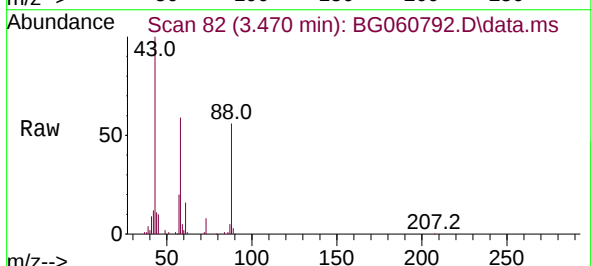
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Ion Ratio Lower Upper
152 100
150 175.2 130.2 195.4
115 64.9 51.6 77.4

Manual Integrations
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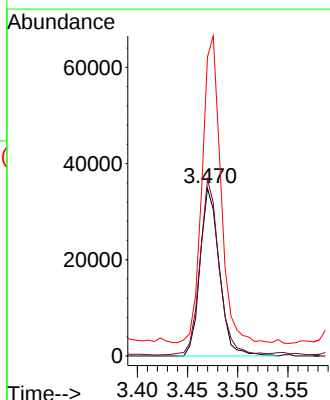
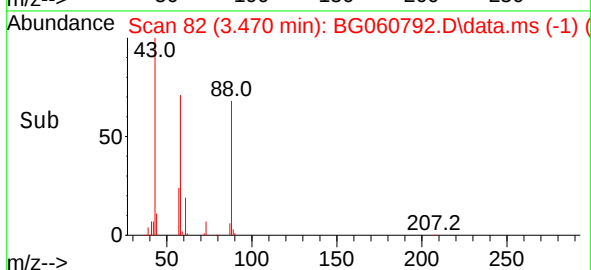
Reviewed By :Yogesh Patel 04/08/2024
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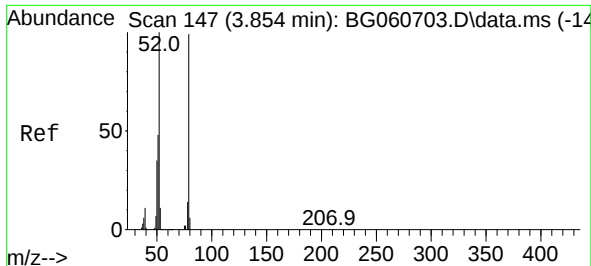


#2
1,4-Dioxane
Concen: 34.122 ng
RT: 3.470 min Scan# 82
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



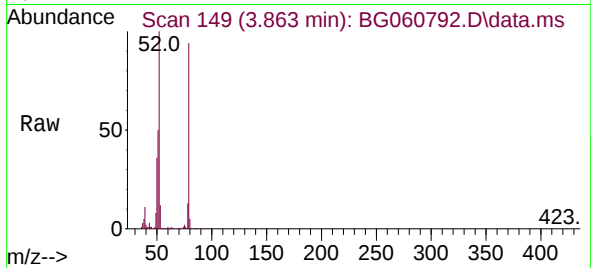
Tgt Ion: 88 Resp: 46677
Ion Ratio Lower Upper
88 100
58 104.2 80.9 121.3
43 178.7 35.4 53.0#





#3
Pyridine
Concen: 25.589 ng
RT: 3.863 min Scan# 147
Delta R.T. 0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

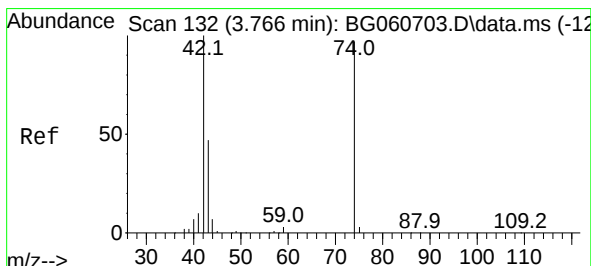
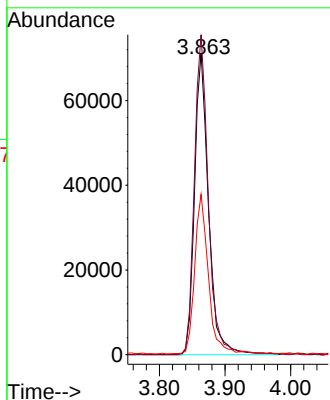
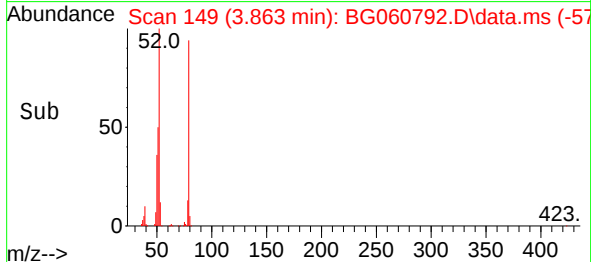
Instrument :
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Tgt Ion: 79 Resp: 10558
Ion Ratio Lower Upper
79 100
52 106.1 80.6 120.8
51 53.2 39.1 58.7

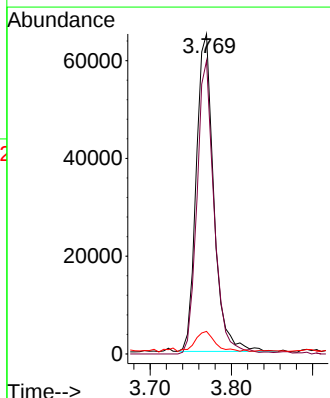
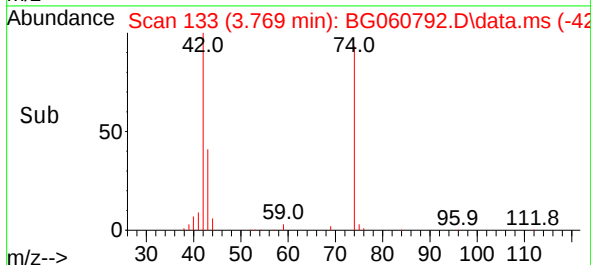
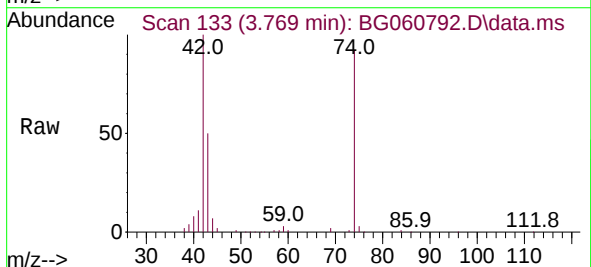
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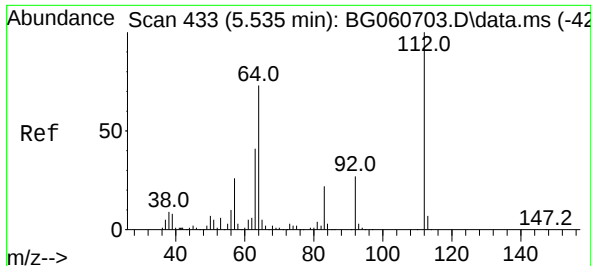
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#4
n-Nitrosodimethylamine
Concen: 39.458 ng
RT: 3.769 min Scan# 133
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

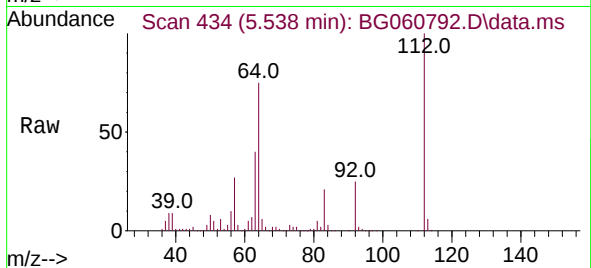
Tgt Ion: 42 Resp: 97322
Ion Ratio Lower Upper
42 100
74 91.6 77.8 116.8
44 7.0 6.8 10.2





#5
2-Fluorophenol
Concen: 113.301 ng
RT: 5.538 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

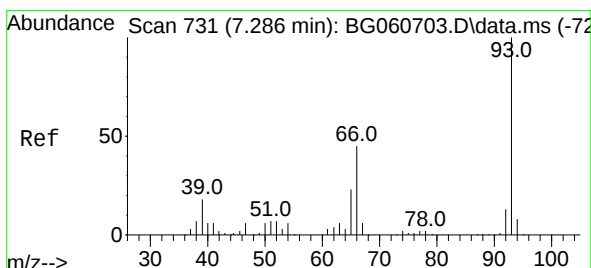
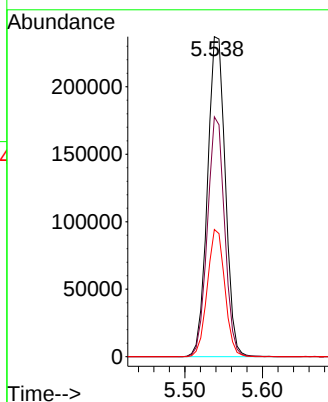
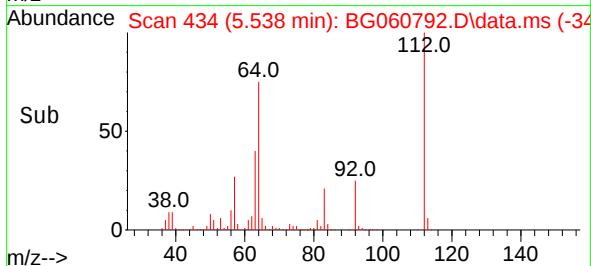
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Tgt Ion:112 Resp: 378034
Ion Ratio Lower Upper
112 100
64 75.0 58.4 87.6
63 39.7 32.7 49.1

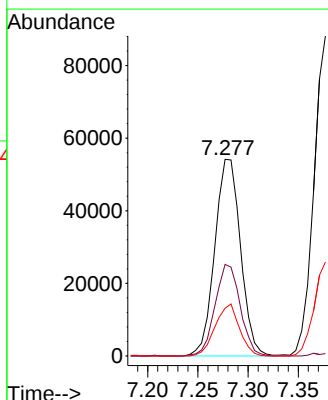
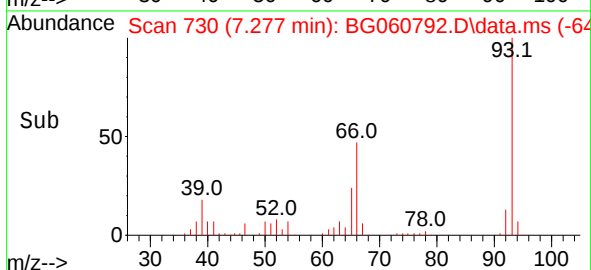
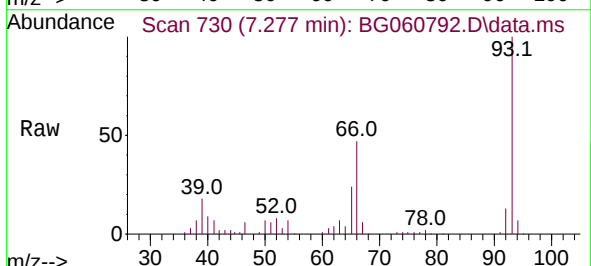
Manual Integrations
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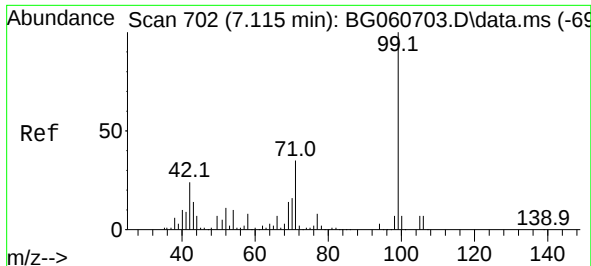
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#6
Aniline
Concen: 15.436 ng
RT: 7.277 min Scan# 730
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

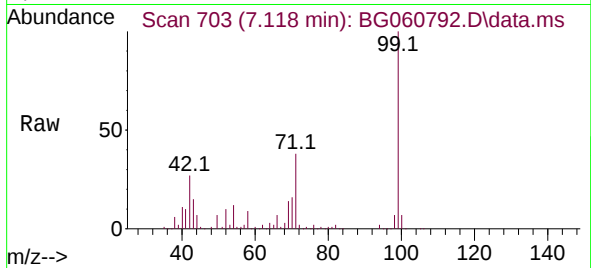
Tgt Ion: 93 Resp: 96542
Ion Ratio Lower Upper
93 100
66 46.5 36.1 54.1
65 24.3 18.1 27.1





#7
Phenol-d6
Concen: 101.764 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

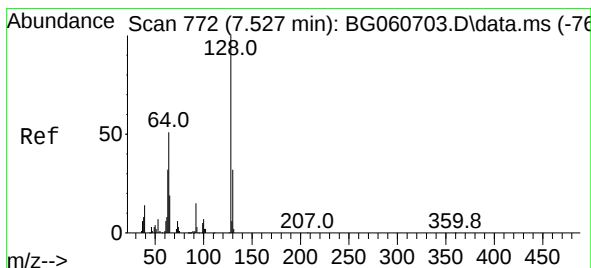
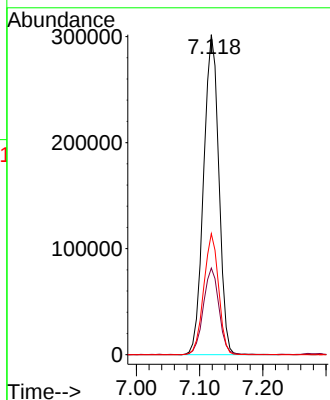
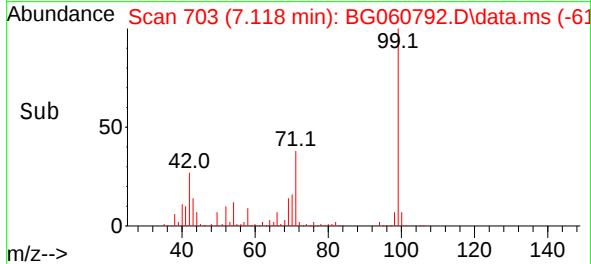
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Tgt Ion: 99 Resp: 504000
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 37.8 28.2 42.2

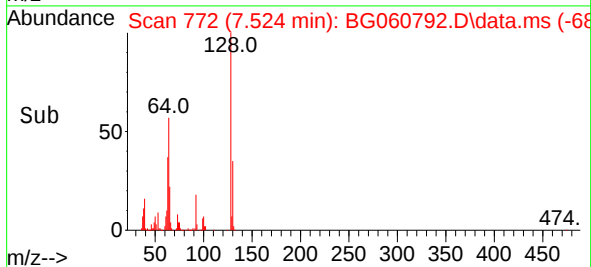
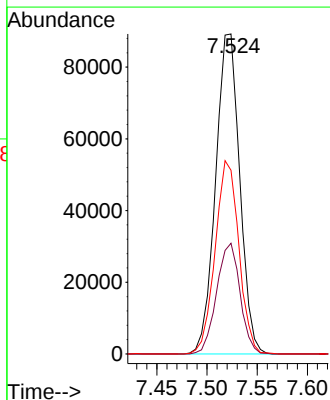
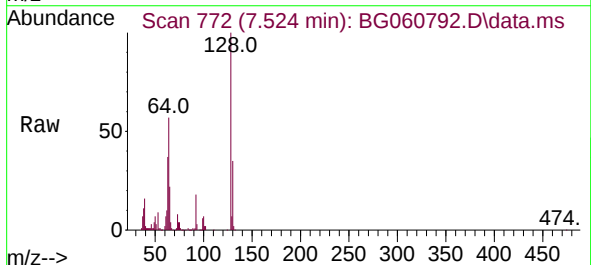
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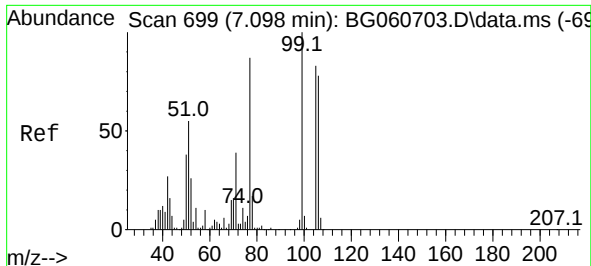
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#8
2-Chlorophenol
Concen: 39.387 ng
RT: 7.524 min Scan# 772
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

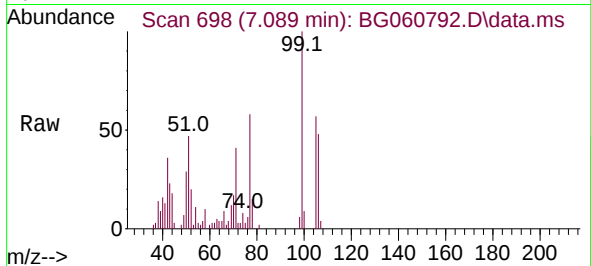
Tgt Ion:128 Resp: 148987
Ion Ratio Lower Upper
128 100
130 34.6 12.3 52.3
64 57.4 35.0 75.0





#9
Benzaldehyde
Concen: 4.731 ng m
RT: 7.089 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

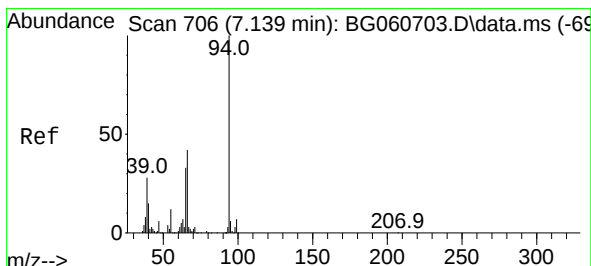
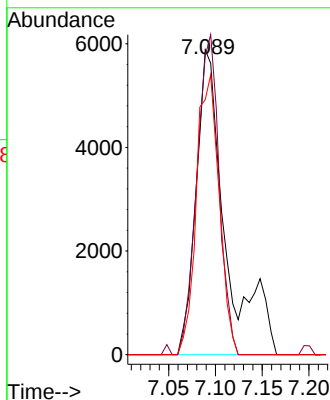
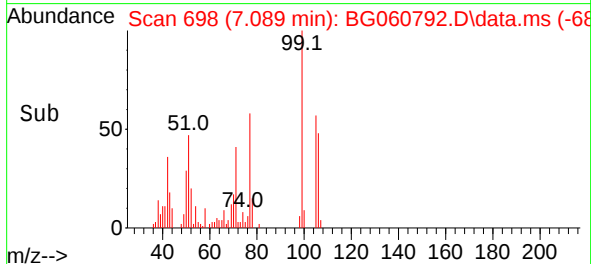
Instrument :
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Tgt Ion: 77 Resp: 12920
Ion Ratio Lower Upper
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105 98.1 76.0 116.0
106 83.6 70.3 110.3

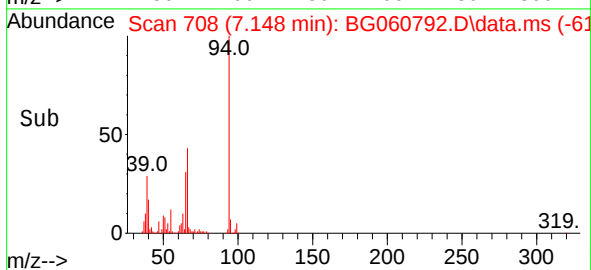
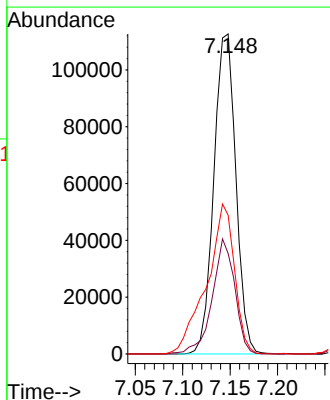
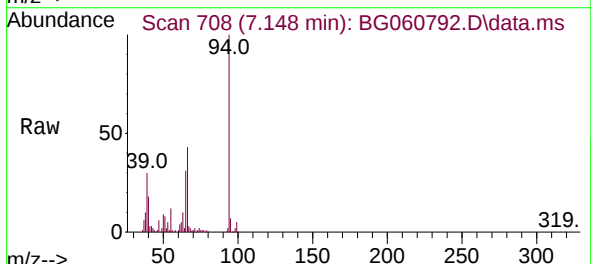
Manual Integrations
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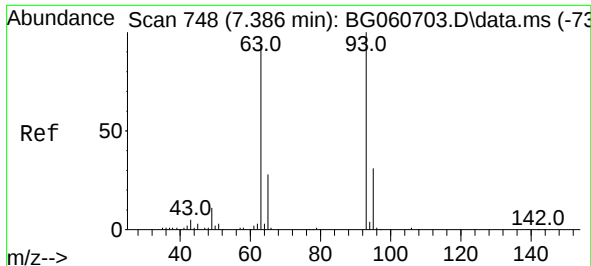
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#10
Phenol
Concen: 36.040 ng
RT: 7.148 min Scan# 708
Delta R.T. 0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion: 94 Resp: 182164
Ion Ratio Lower Upper
94 100
65 31.4 13.3 53.3
66 43.4 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 34.165 ng

RT: 7.377 min Scan# 748

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS

Tgt Ion: 93 Resp: 13942

Ion Ratio Lower Upper

93 100

63 98.0 73.7 113.7

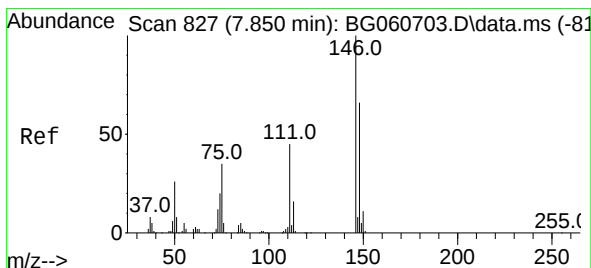
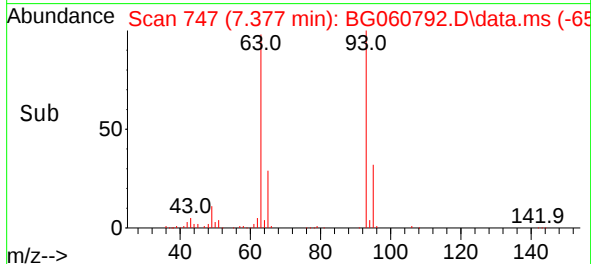
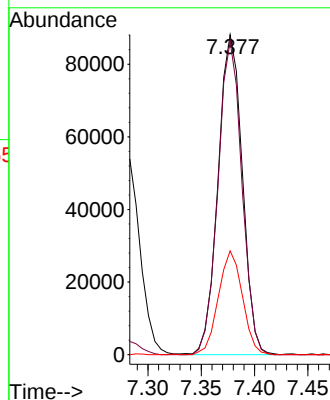
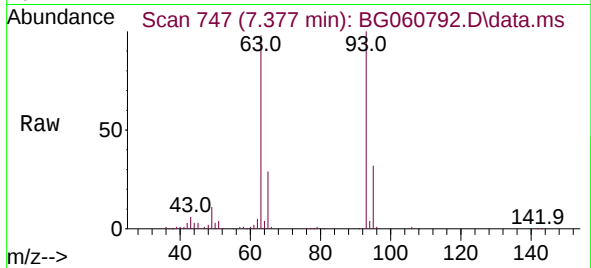
95 32.4 11.2 51.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#12

1,3-Dichlorobenzene

Concen: 38.306 ng

RT: 7.847 min Scan# 827

Delta R.T. -0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

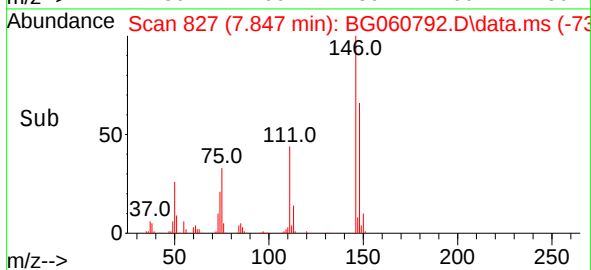
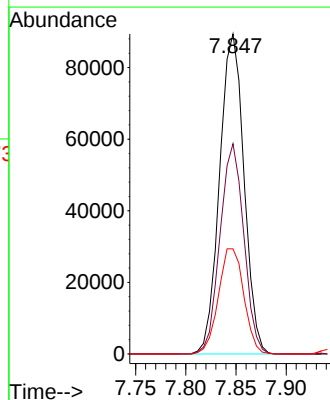
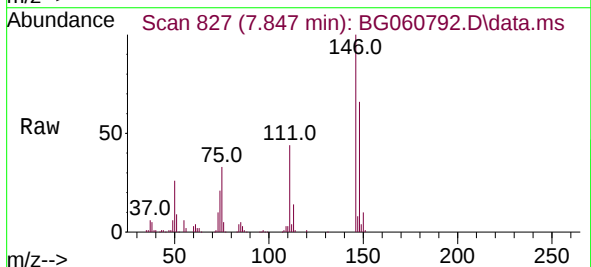
Tgt Ion:146 Resp: 150682

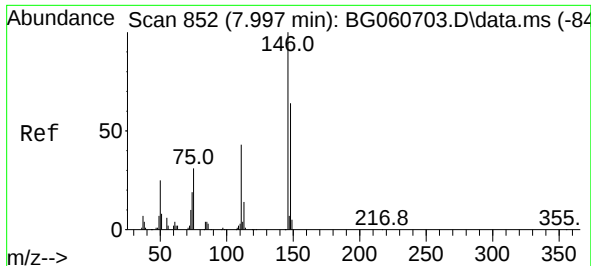
Ion Ratio Lower Upper

146 100

148 65.7 53.0 79.4

75 32.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.890 ng

RT: 7.994 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

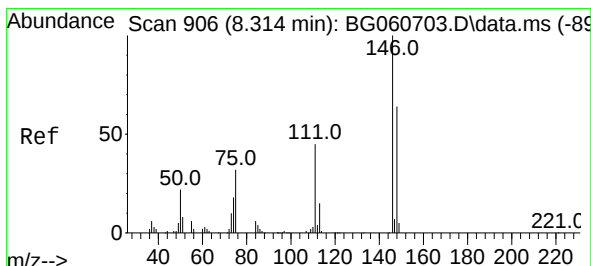
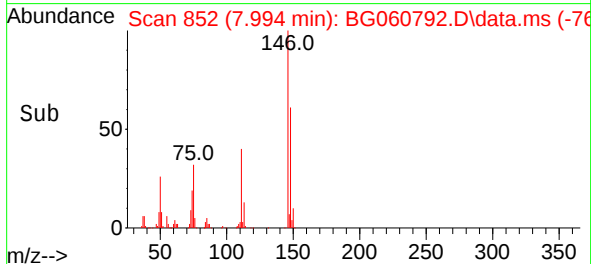
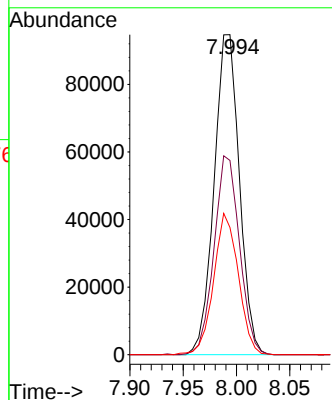
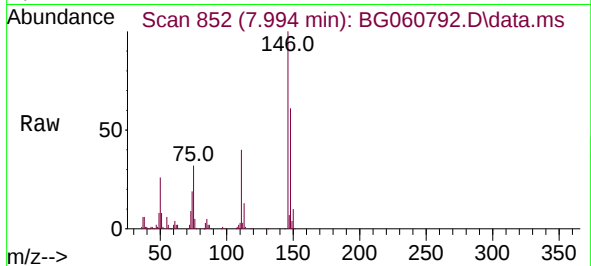
NM-DRUMS-040224MS

Tgt Ion:146 Resp: 156074
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.1 76.7
 111 39.8 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: 38.205 ng

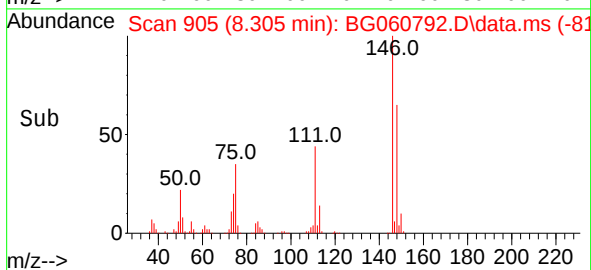
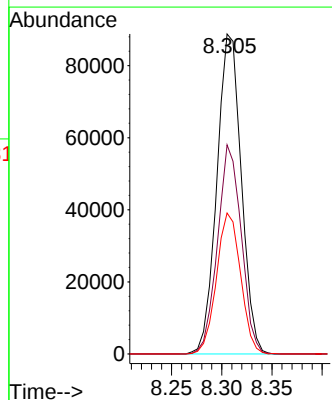
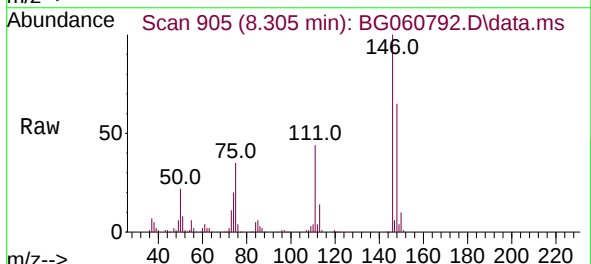
RT: 8.305 min Scan# 905

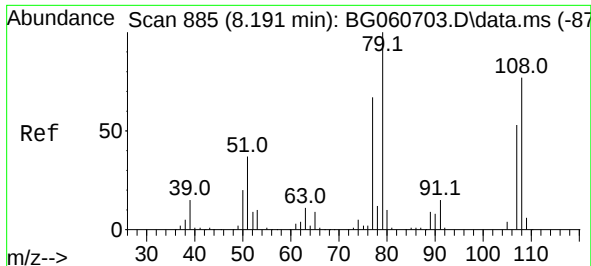
Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

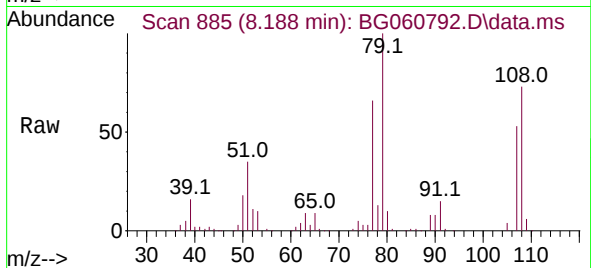
Tgt Ion:146 Resp: 150254
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 44.1 36.0 54.0





#15
Benzyl Alcohol
Concen: 38.357 ng
RT: 8.188 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

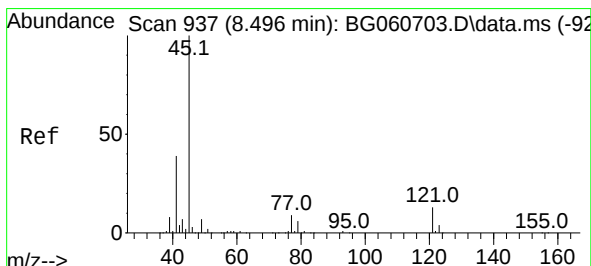
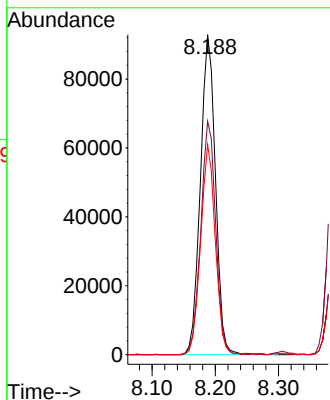
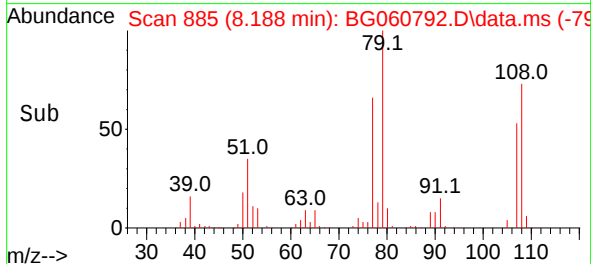
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion: 79 Resp: 15388
Ion Ratio Lower Upper
79 100
108 72.9 61.4 92.0
77 65.6 53.6 80.4

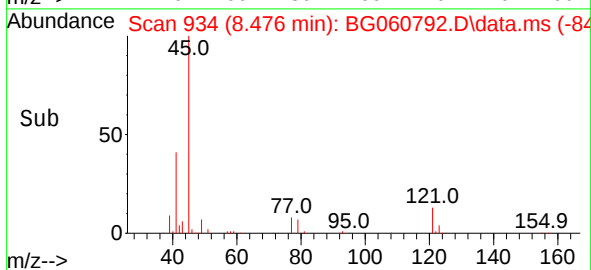
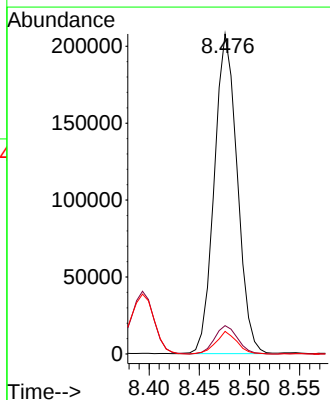
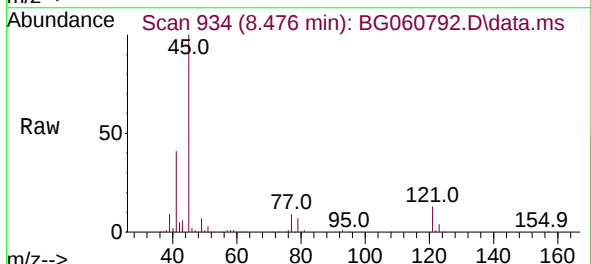
Manual Integrations
APPROVED

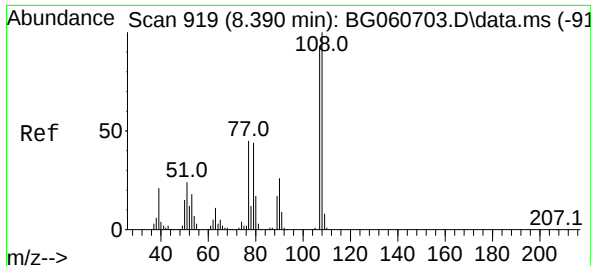
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.898 ng
RT: 8.476 min Scan# 934
Delta R.T. -0.020 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

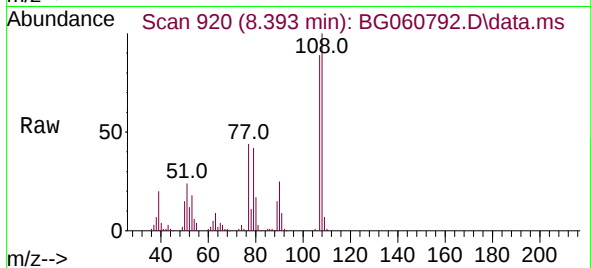
Tgt Ion: 45 Resp: 330607
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.1
79 7.0 0.0 26.5





#17
2-Methylphenol
Concen: 34.810 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

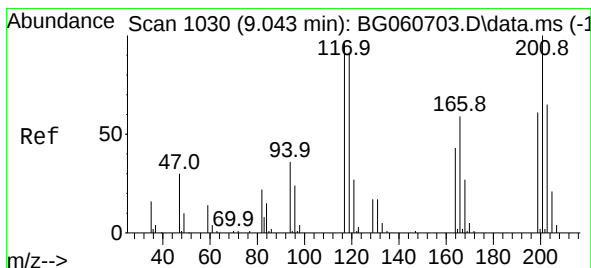
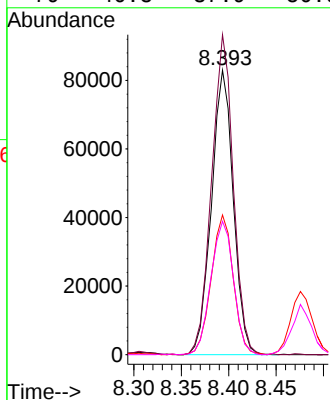
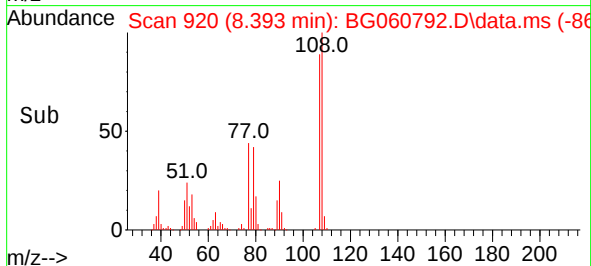
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:107 Resp: 132824
Ion Ratio Lower Upper
107 100
108 112.5 86.4 129.6
77 49.1 38.6 58.0
79 46.8 37.9 56.9

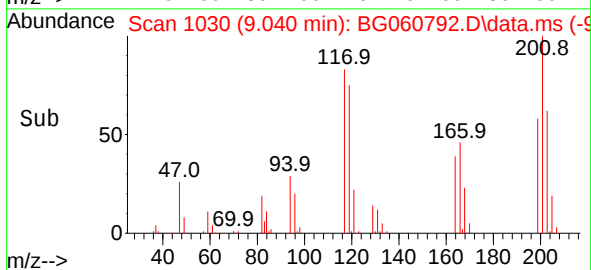
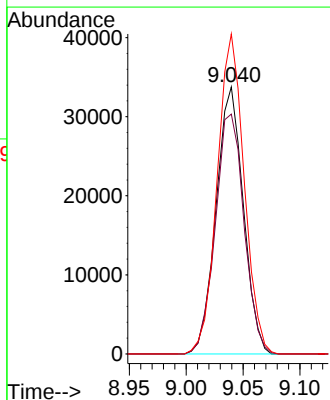
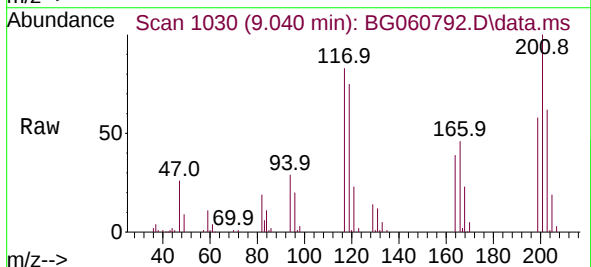
Manual Integrations
APPROVED

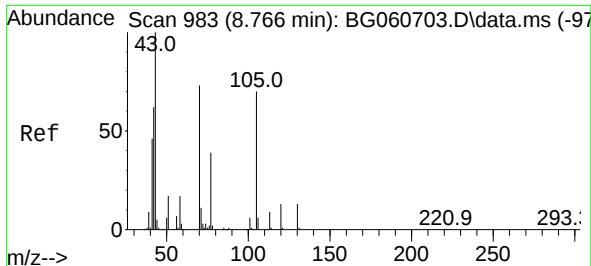
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#18
Hexachloroethane
Concen: 39.448 ng
RT: 9.040 min Scan# 1030
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

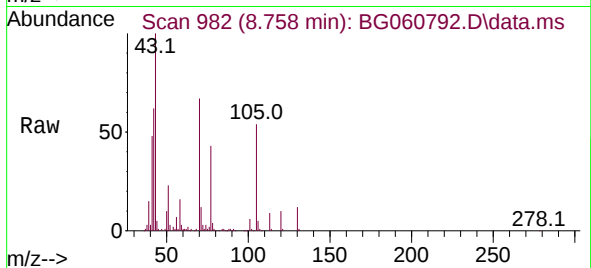
Tgt Ion:117 Resp: 56226
Ion Ratio Lower Upper
117 100
119 89.8 75.7 113.5
201 119.8 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 33.252 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.008 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

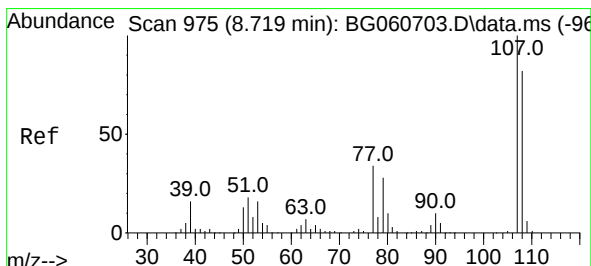
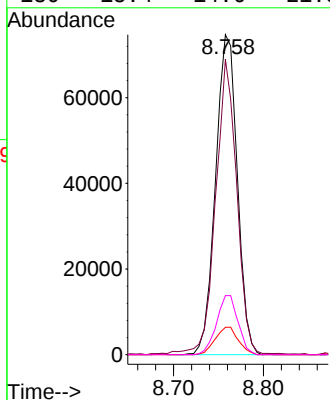
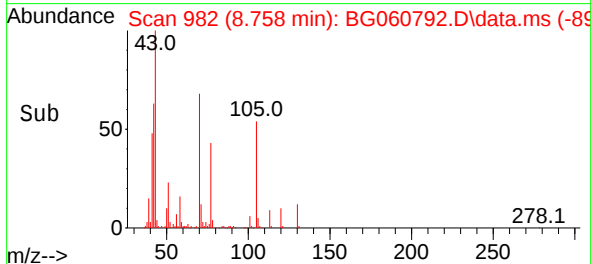
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



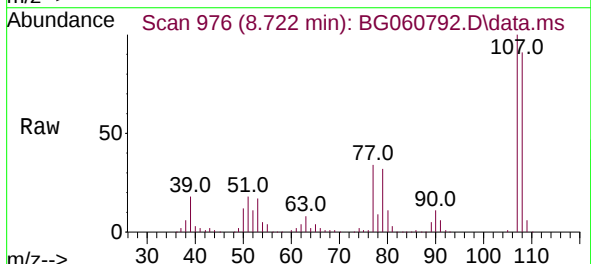
Tgt Ion: 70 Resp: 12559
Ion Ratio Lower Upper
70 100
42 92.3 68.4 102.6
101 8.6 6.1 9.1
130 18.4 14.6 21.8

Manual Integrations
APPROVED

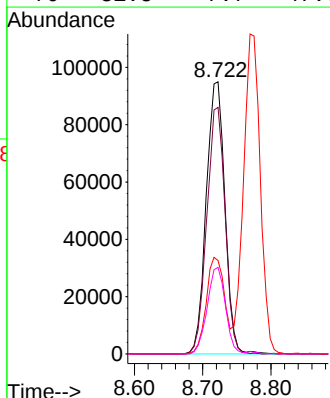
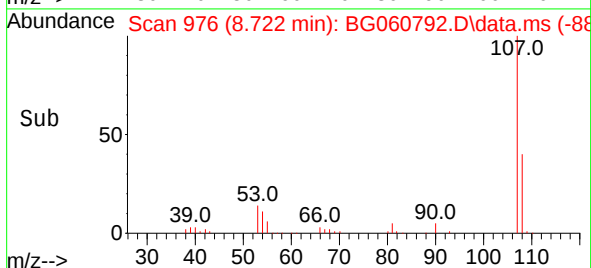
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

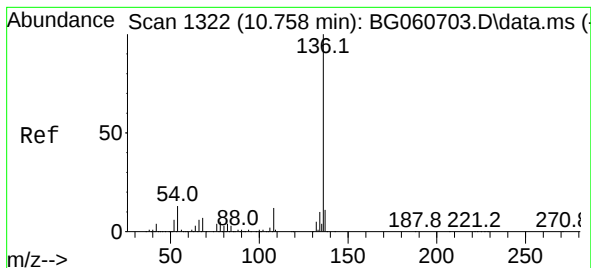


#20
3+4-Methylphenols
Concen: 34.663 ng
RT: 8.722 min Scan# 976
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



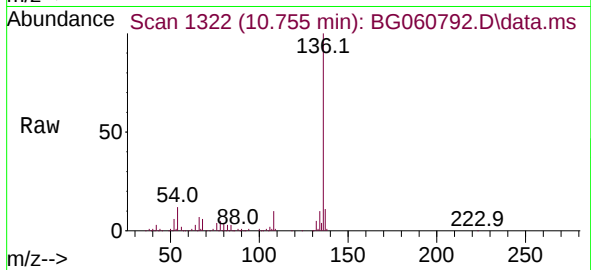
Tgt Ion:107 Resp: 181120
Ion Ratio Lower Upper
107 100
108 90.6 62.2 102.2
77 34.4 14.1 54.1
79 31.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

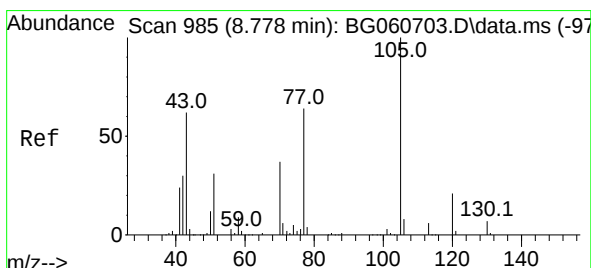
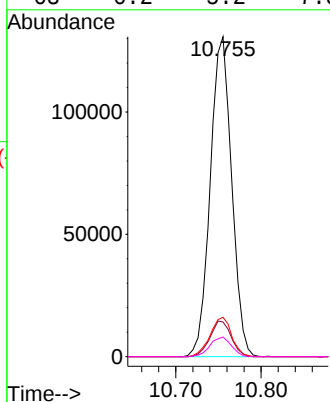
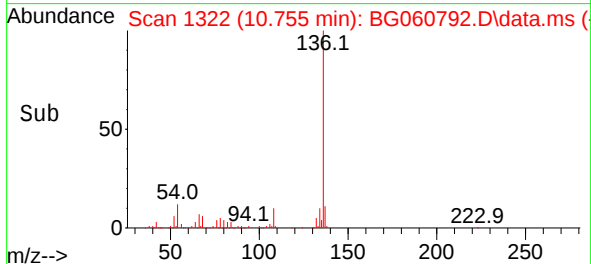
Instrument : BNA_G
ClientSampleId : NM-DRUMS-040224MS



Tgt Ion:136 Resp: 227734
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.3 10.2 15.2
68 6.2 5.2 7.8

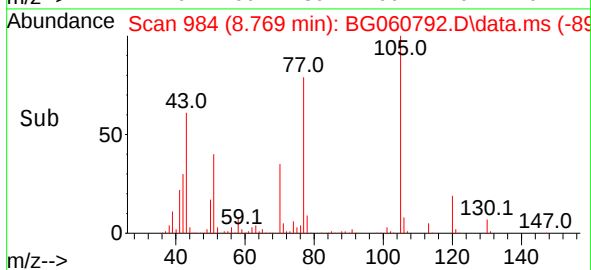
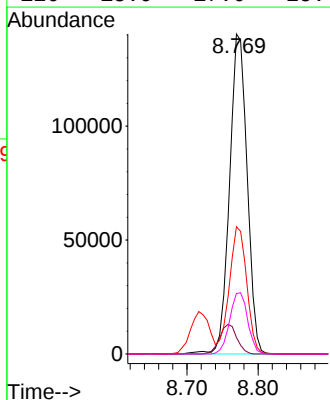
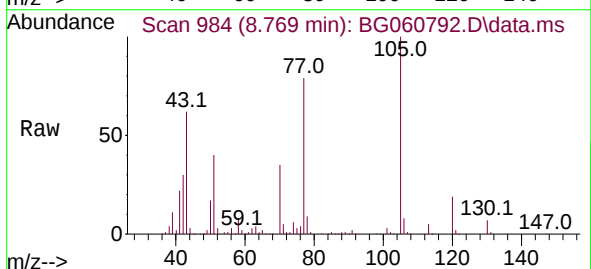
Manual Integrations
APPROVED

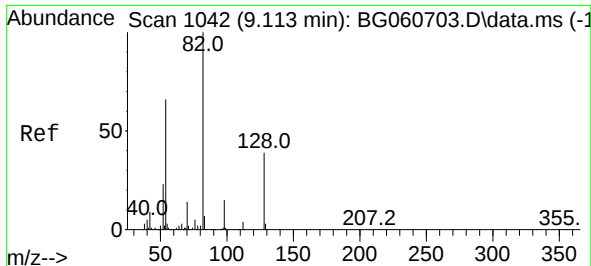
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#22
Acetophenone
Concen: 38.478 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion:105 Resp: 241621
Ion Ratio Lower Upper
105 100
71 5.2 4.9 7.3
51 39.7 31.1 46.7
120 18.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 91.491 ng

RT: 9.110 min Scan# 1042

Delta R.T. -0.003 min

Lab File: BG060792.D

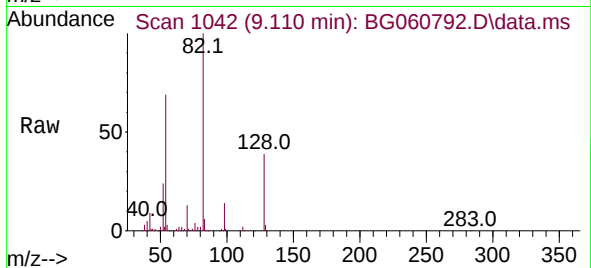
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion: 82 Resp: 36514

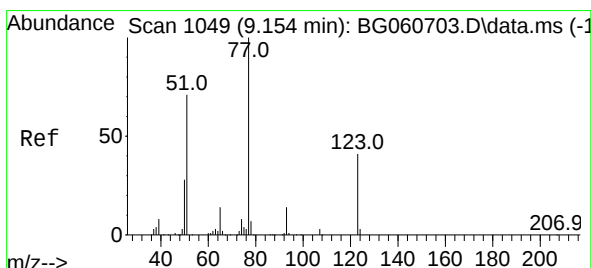
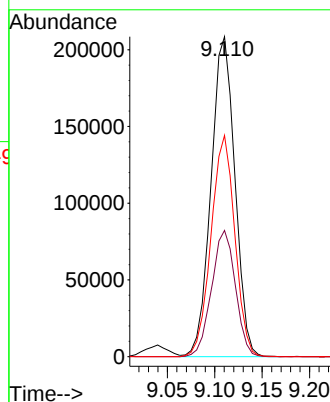
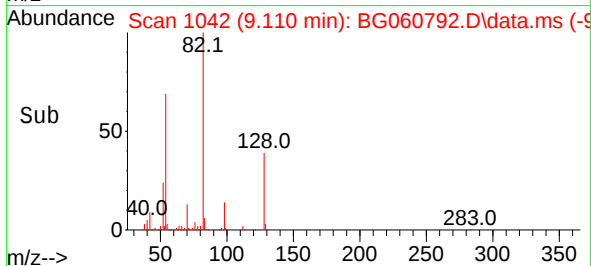
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.2	46.8
54	69.2	53.2	79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#24

Nitrobenzene

Concen: 40.749 ng

RT: 9.151 min Scan# 1049

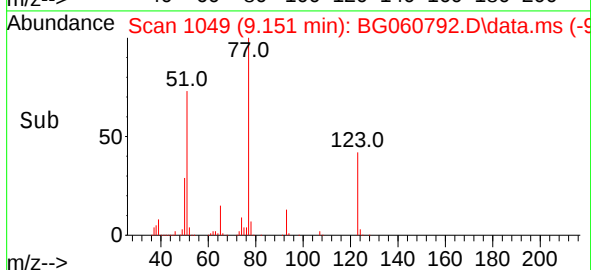
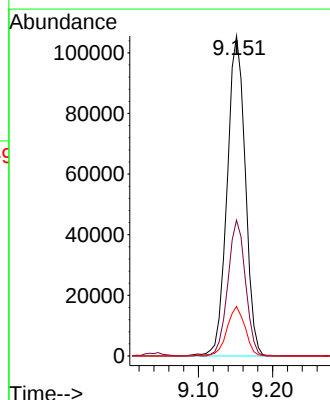
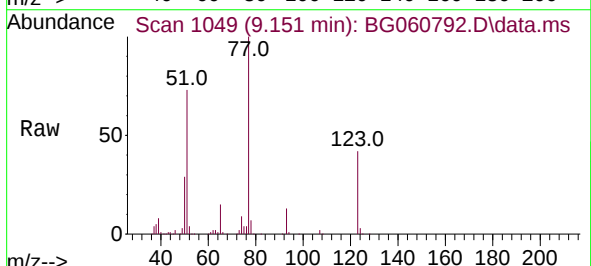
Delta R.T. -0.003 min

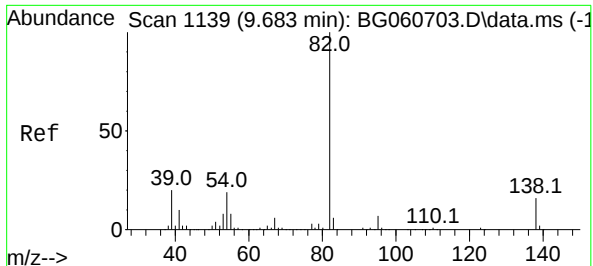
Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Tgt Ion: 77 Resp: 179050

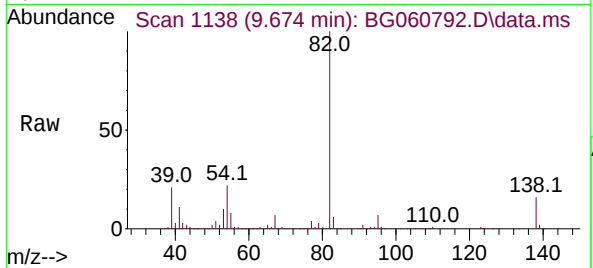
Ion	Ratio	Lower	Upper
77	100		
123	42.5	32.7	49.1
65	15.5	11.3	16.9





#25
Isophorone
Concen: 36.578 ng
RT: 9.674 min Scan# 1139
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

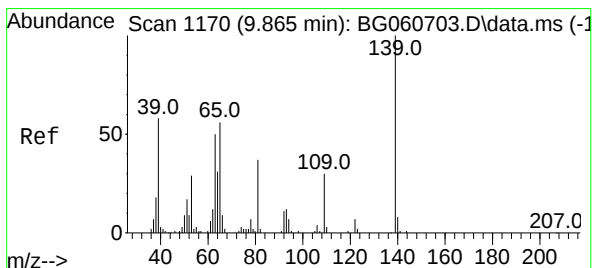
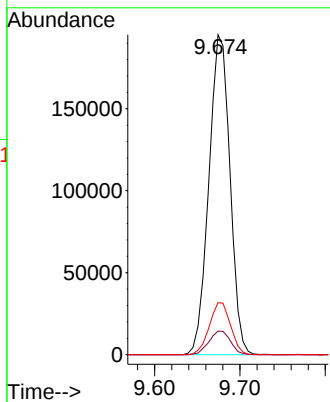
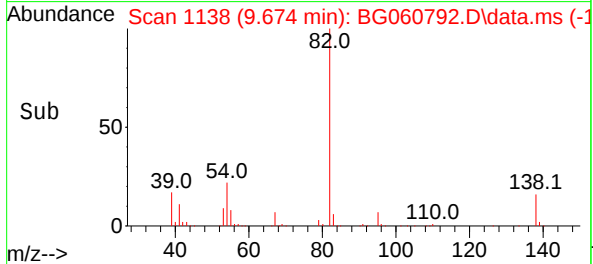
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion: 82 Resp: 336238
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.2 13.0 19.4

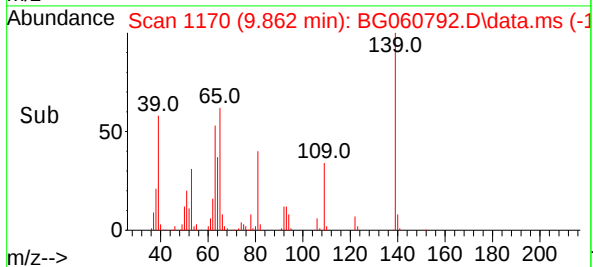
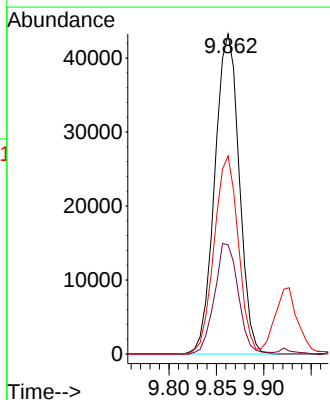
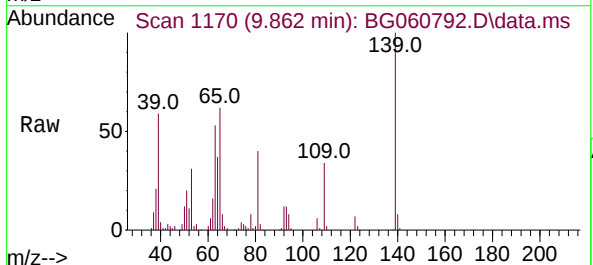
Manual Integrations
APPROVED

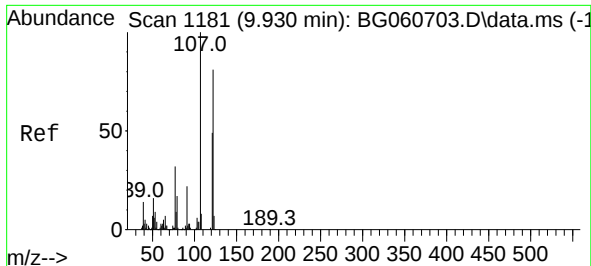
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#26
2-Nitrophenol
Concen: 49.488 ng
RT: 9.862 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion:139 Resp: 77465
Ion Ratio Lower Upper
139 100
109 34.1 23.9 35.9
65 61.9 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 31.347 ng

RT: 9.921 min Scan# 1181

Delta R.T. -0.009 min

Lab File: BG060792.D

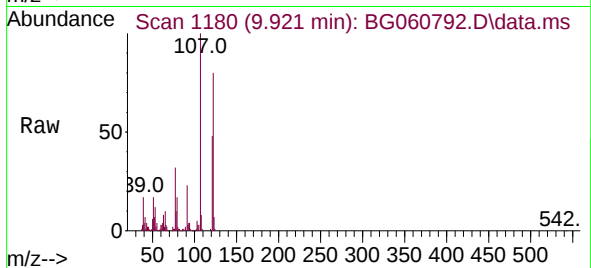
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:122 Resp: 115752

Ion Ratio Lower Upper

122 100

107 124.9 98.6 147.8

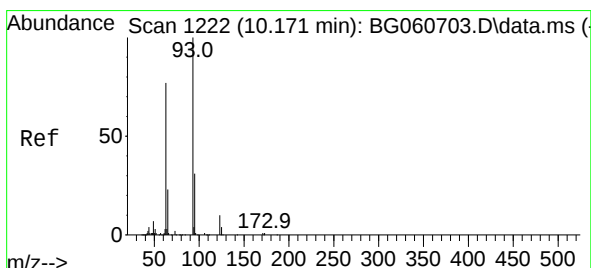
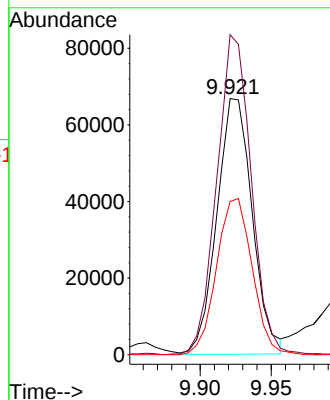
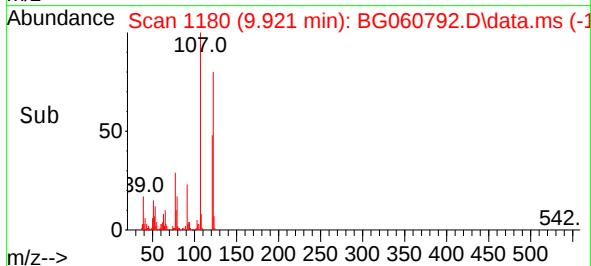
121 59.8 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 36.038 ng

RT: 10.162 min Scan# 1221

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

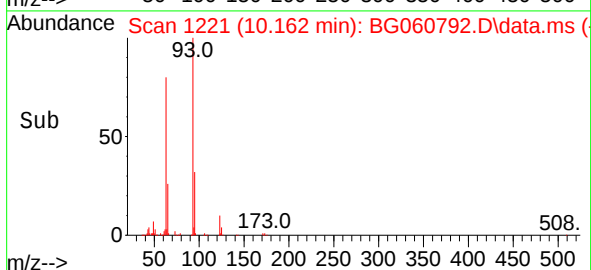
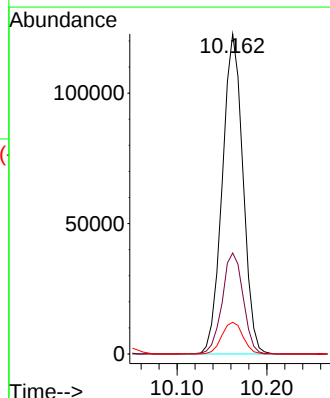
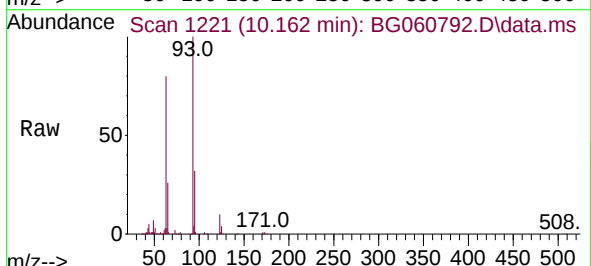
Tgt Ion: 93 Resp: 195581

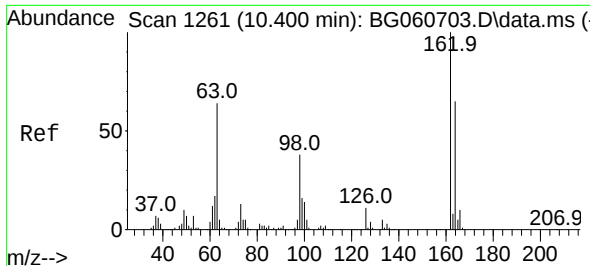
Ion Ratio Lower Upper

93 100

95 31.6 25.1 37.7

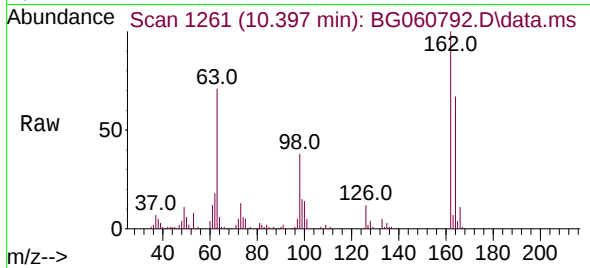
123 9.9 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 44.549 ng
RT: 10.397 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

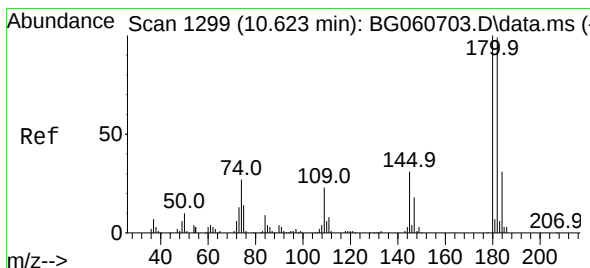
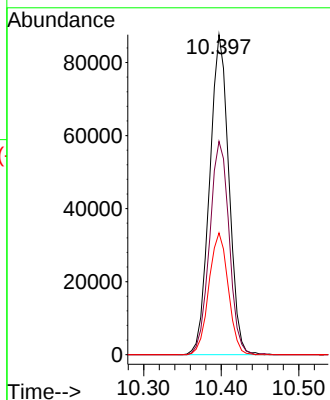
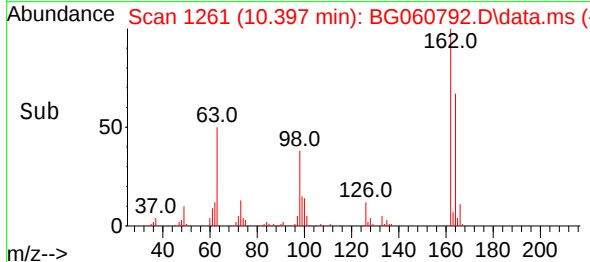
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:162 Resp: 151058
Ion Ratio Lower Upper
162 100
164 66.7 45.2 85.2
98 38.0 17.7 57.7

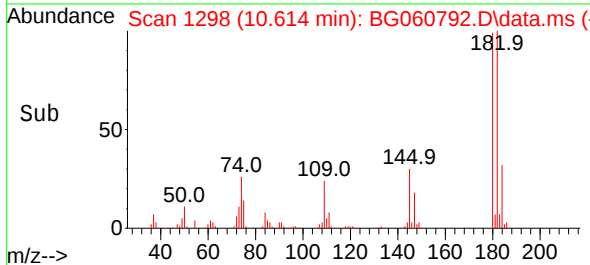
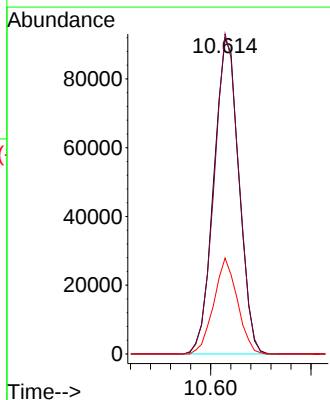
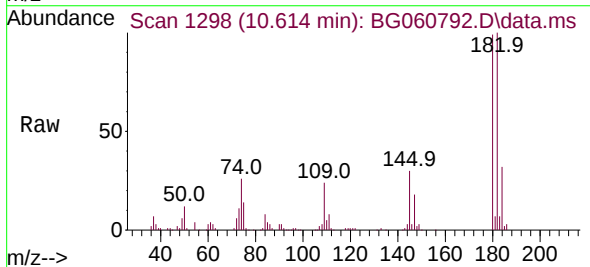
Manual Integrations
APPROVED

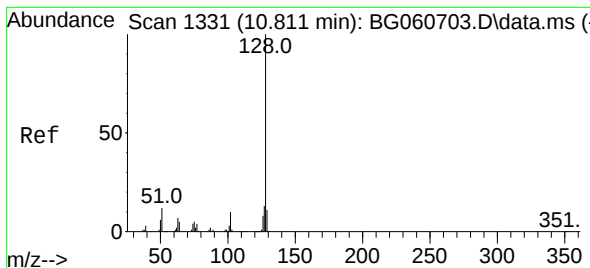
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.471 ng
RT: 10.614 min Scan# 1298
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion:180 Resp: 159234
Ion Ratio Lower Upper
180 100
182 101.5 79.0 118.4
145 30.4 24.9 37.3





#31

Naphthalene

Concen: 37.668 ng

RT: 10.802 min Scan# 1331

Delta R.T. -0.009 min

Lab File: BG060792.D

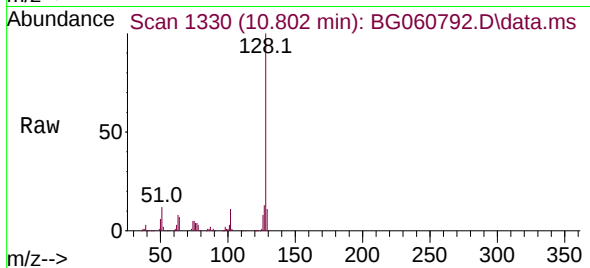
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:128 Resp: 464032

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

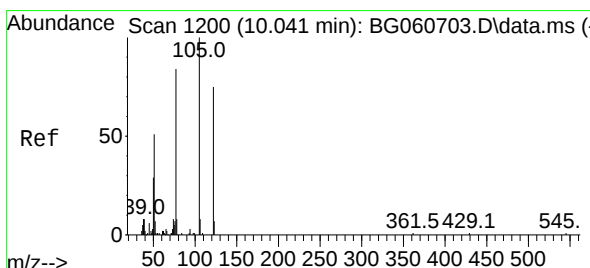
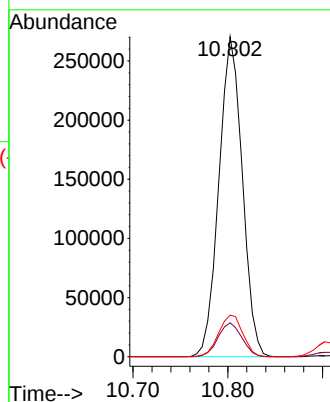
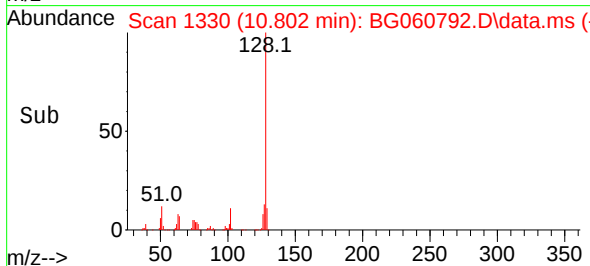
127 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#32

Benzoic acid

Concen: 45.507 ng

RT: 10.039 min Scan# 1200

Delta R.T. -0.002 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

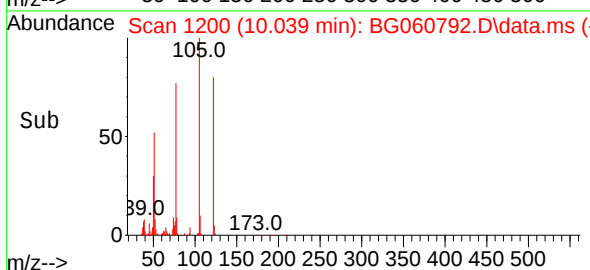
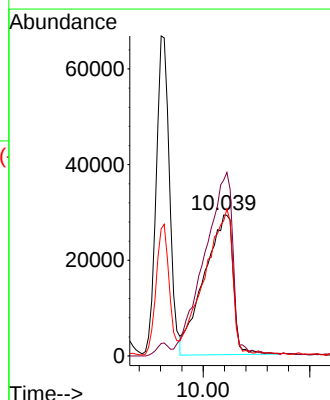
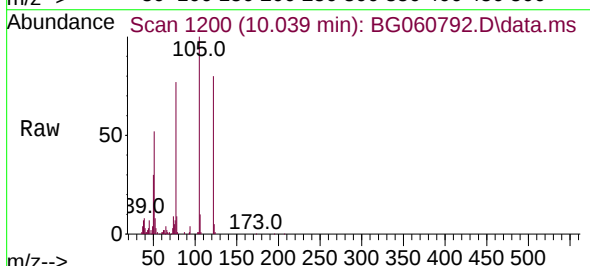
Tgt Ion:122 Resp: 110785

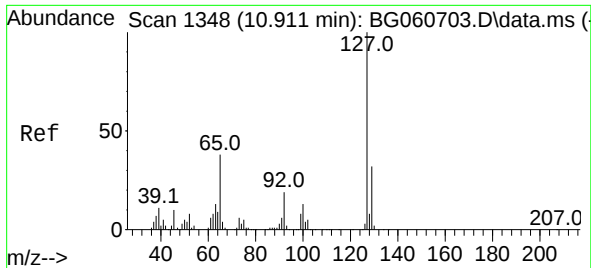
Ion Ratio Lower Upper

122 100

105 124.9 104.5 144.5

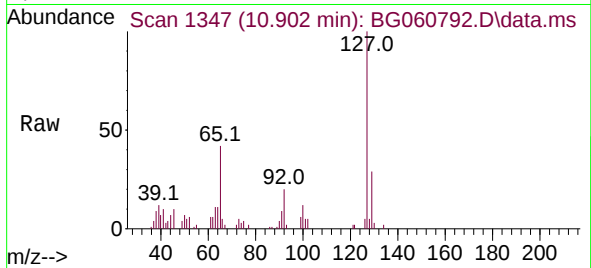
77 95.9 85.3 125.3





#33
4-Chloroaniline
Concen: 3.884 ng
RT: 10.902 min Scan# 1347
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

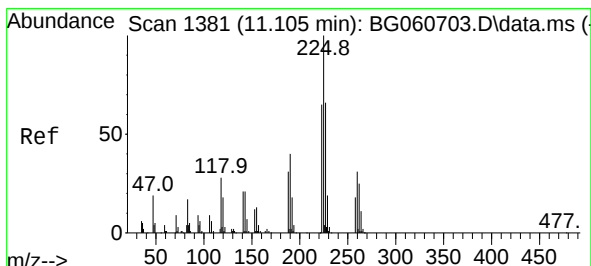
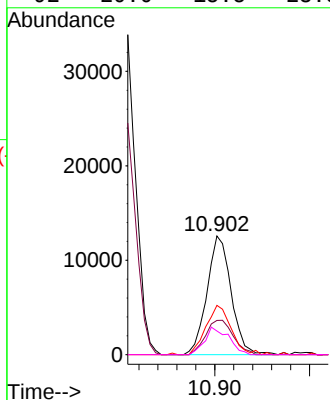
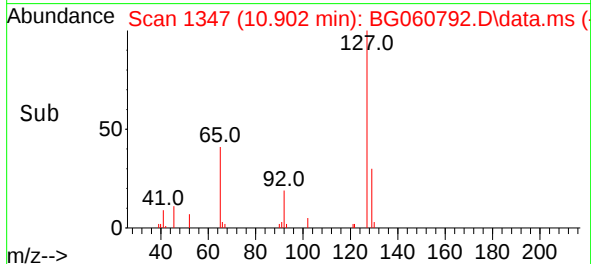
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



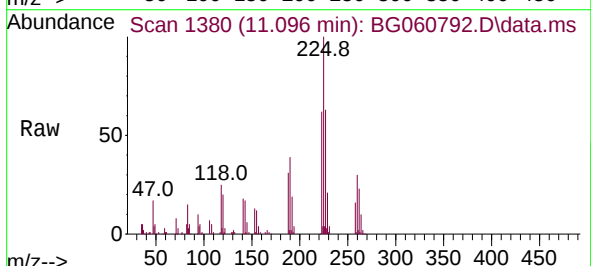
Tgt Ion:127 Resp: 22223
Ion Ratio Lower Upper
127 100
129 28.9 25.3 37.9
65 41.5 30.2 45.2
92 20.0 15.5 23.3

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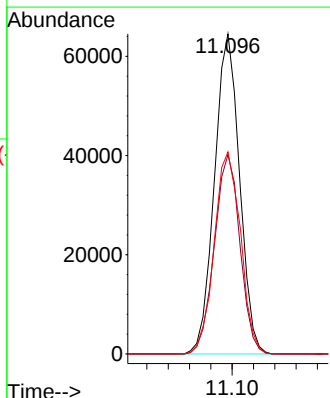
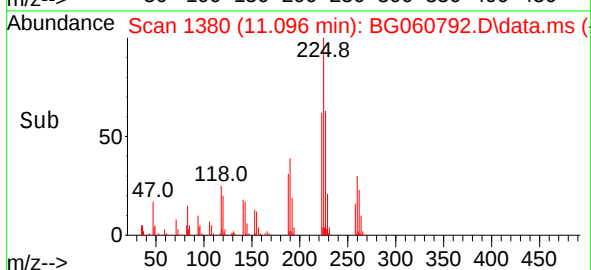
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

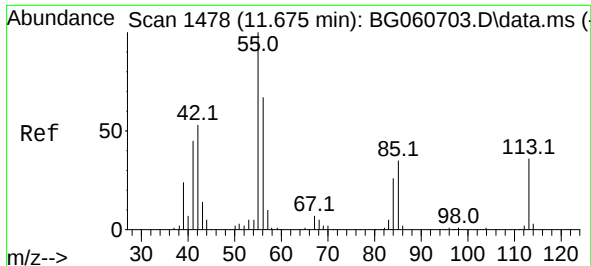


#34
Hexachlorobutadiene
Concen: 41.125 ng
RT: 11.096 min Scan# 1380
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



Tgt Ion:225 Resp: 105236
Ion Ratio Lower Upper
225 100
223 62.2 52.0 78.0
227 63.2 52.5 78.7





#35

Caprolactam

Concen: 36.859 ng m

RT: 11.666 min Scan# 1478

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS

Tgt Ion:113 Resp: 49502

Ion Ratio Lower Upper

113 100

55 287.4 258.0 298.0

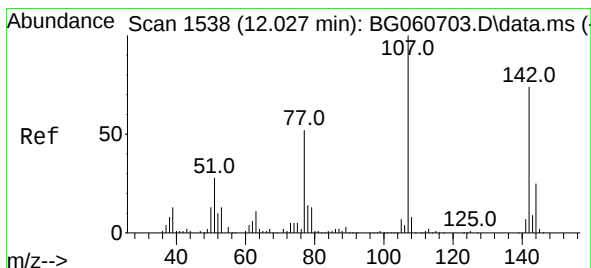
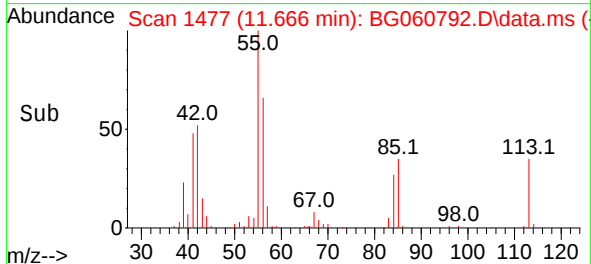
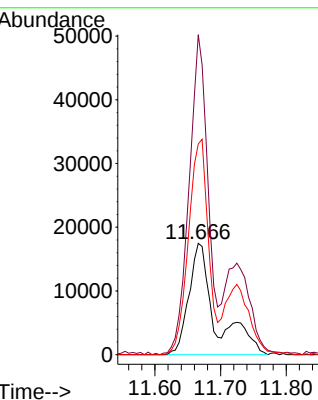
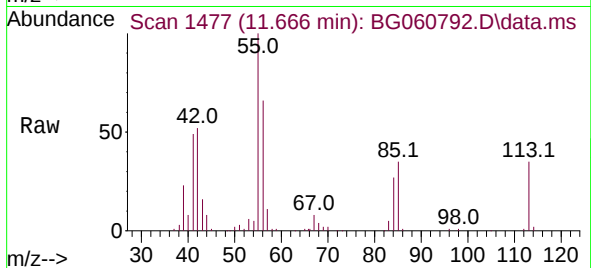
56 189.2 166.3 206.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#36

4-Chloro-3-methylphenol

Concen: 43.541 ng

RT: 12.030 min Scan# 1539

Delta R.T. 0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

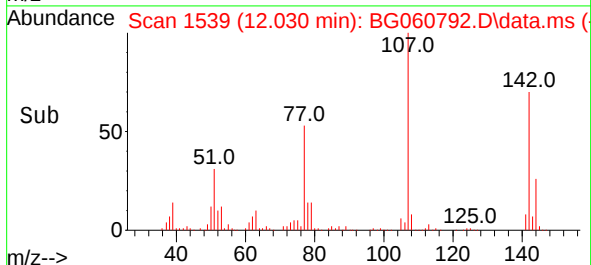
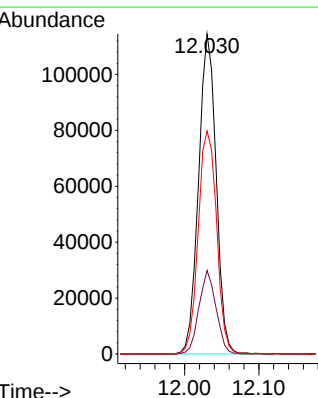
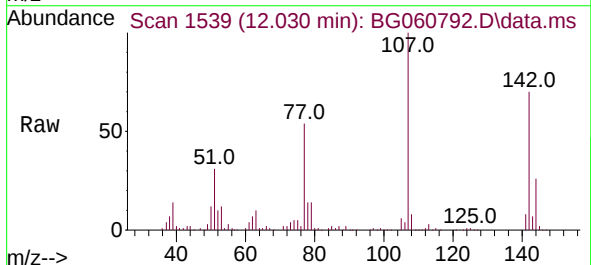
Tgt Ion:107 Resp: 188606

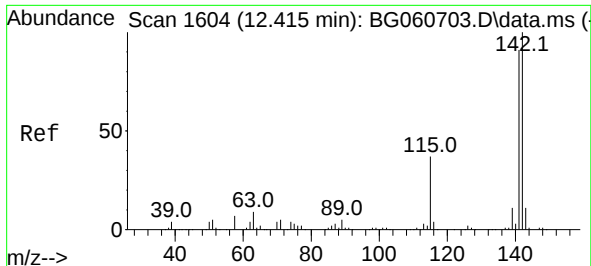
Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

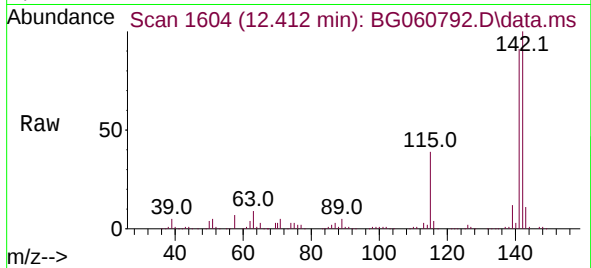
142 69.7 59.2 88.8





#37
2-Methylnaphthalene
Concen: 36.815 ng
RT: 12.412 min Scan# 1604
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

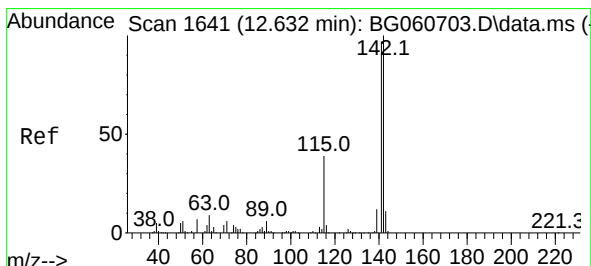
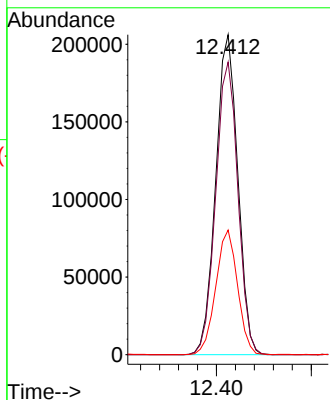
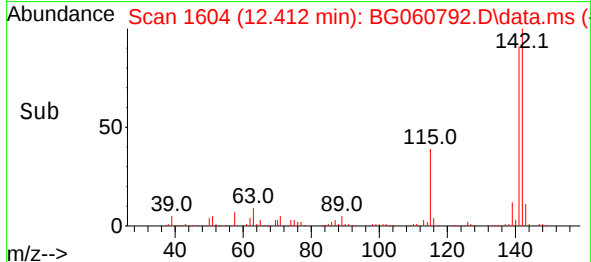
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:142 Resp: 333429
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 38.9 29.9 44.9

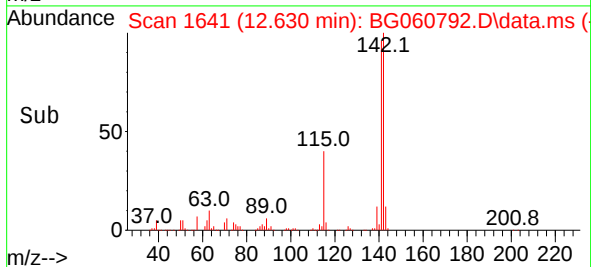
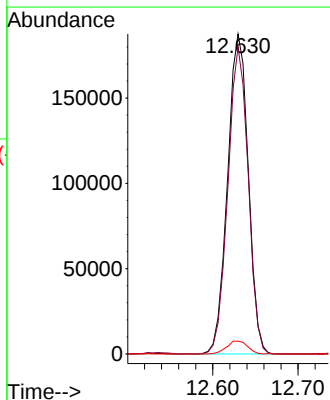
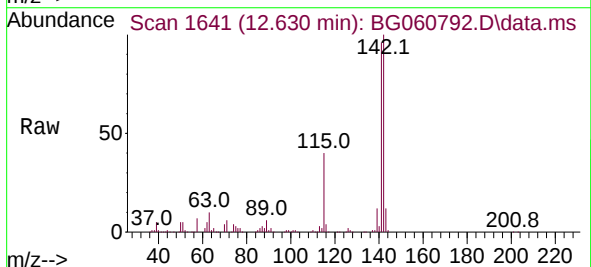
Manual Integrations
APPROVED

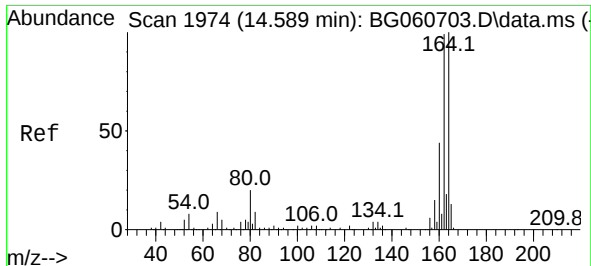
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#38
1-Methylnaphthalene
Concen: 37.052 ng
RT: 12.630 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion:142 Resp: 317013
Ion Ratio Lower Upper
142 100
141 96.0 77.7 116.5
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060792.D

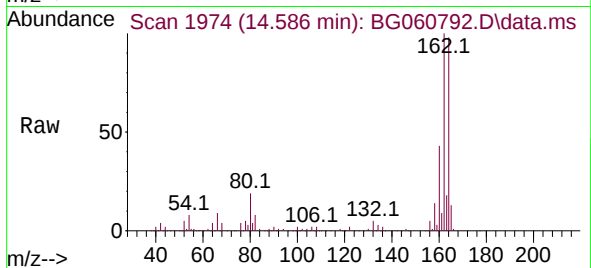
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:164 Resp: 185169

Ion Ratio Lower Upper

164 100

162 102.5 79.5 119.3

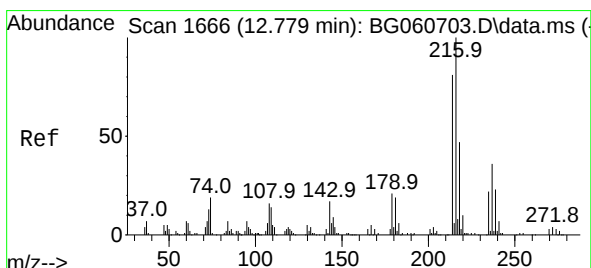
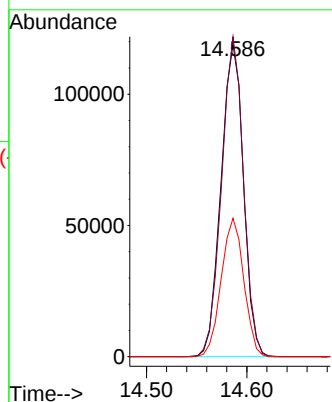
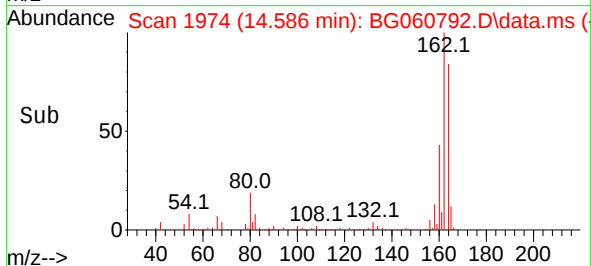
160 44.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.676 ng

RT: 12.777 min Scan# 1666

Delta R.T. -0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Tgt Ion:216 Resp: 211213

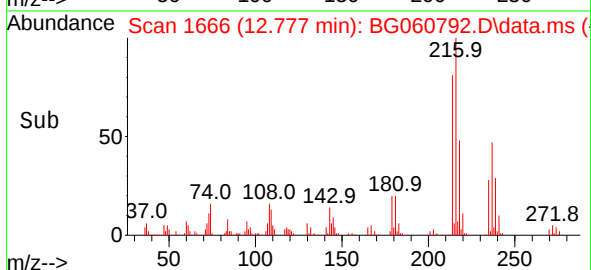
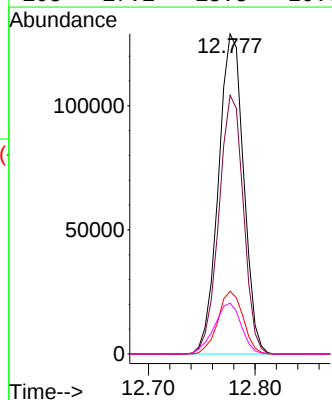
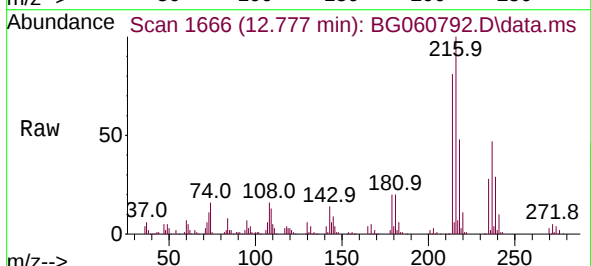
Ion Ratio Lower Upper

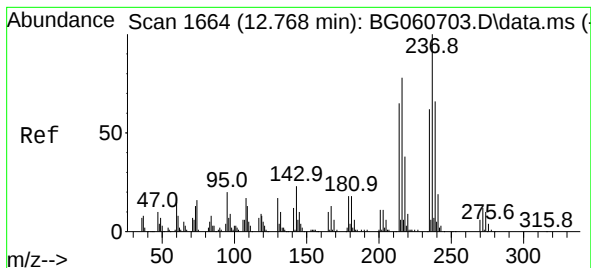
216 100

214 78.7 63.1 94.7

179 19.6 16.7 25.1

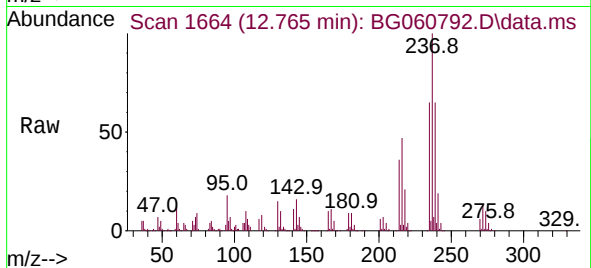
108 17.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 79.222 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

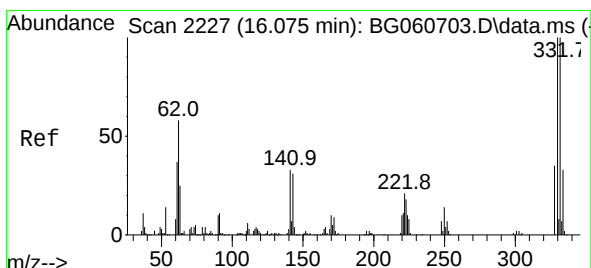
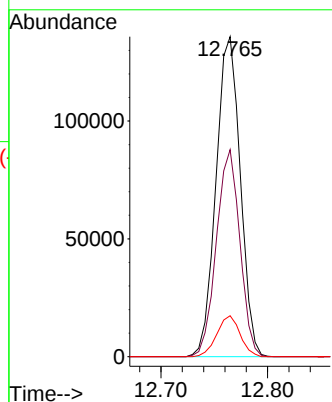
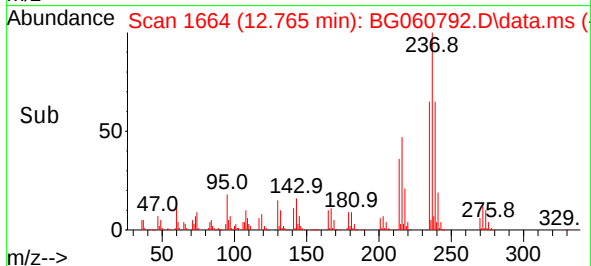
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



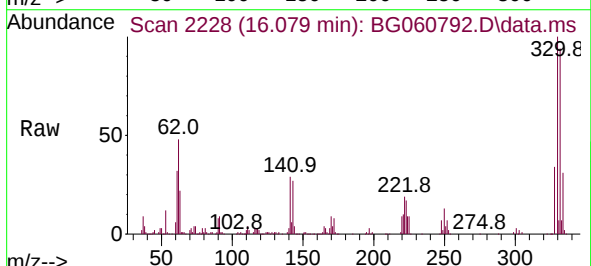
Tgt Ion:237 Resp: 21444
Ion Ratio Lower Upper
237 100
235 64.7 42.0 82.0
272 12.8 0.0 32.4

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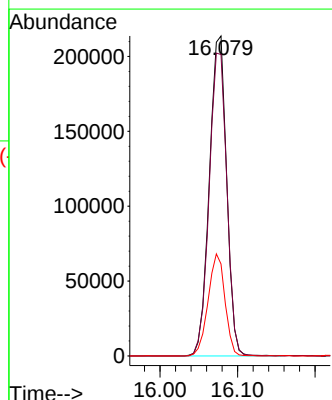
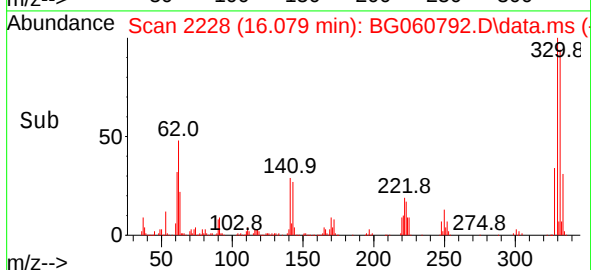
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

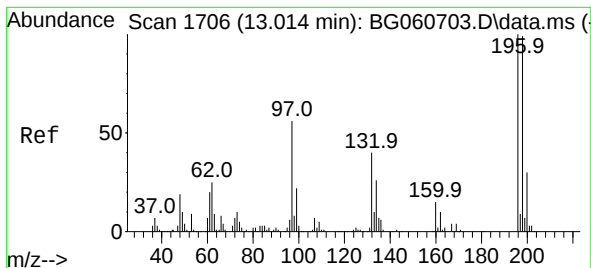


#42
2,4,6-Tribromophenol
Concen: 157.256 ng
RT: 16.079 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



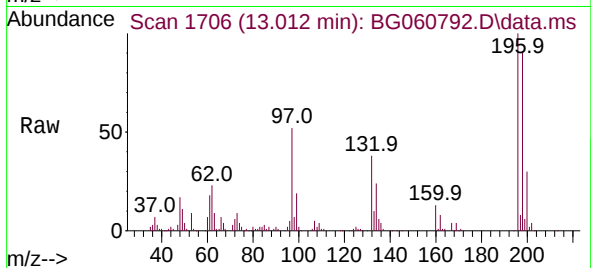
Tgt Ion:330 Resp: 330547
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 31.1 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 44.147 ng
RT: 13.012 min Scan# 1719
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

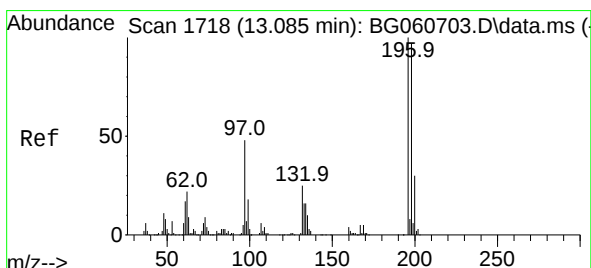
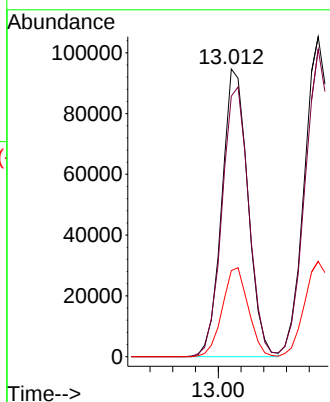
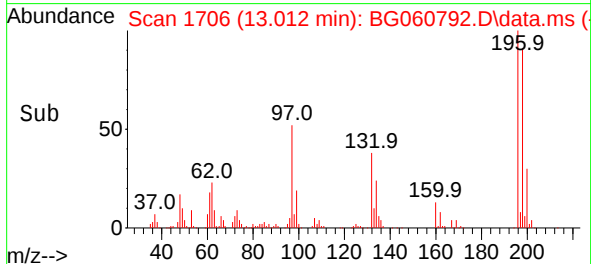
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



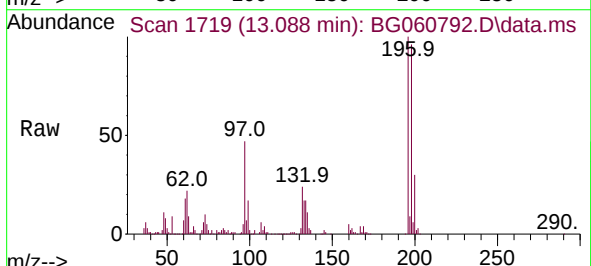
Tgt Ion:196 Resp: 151328
Ion Ratio Lower Upper
196 100
198 90.6 79.1 118.7
200 29.9 24.0 36.0

Manual Integrations
APPROVED

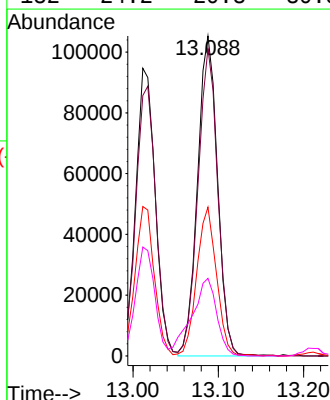
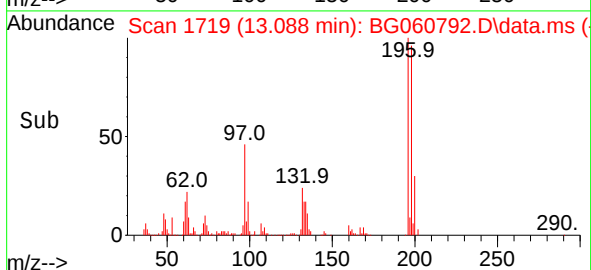
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

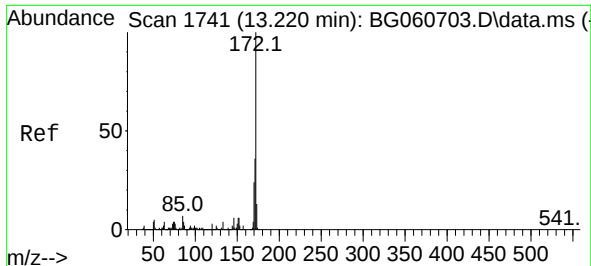


#44
2,4,5-Trichlorophenol
Concen: 42.107 ng
RT: 13.088 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



Tgt Ion:196 Resp: 172247
Ion Ratio Lower Upper
196 100
198 96.1 77.8 116.8
97 46.5 38.2 57.4
132 24.2 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 72.838 ng

RT: 13.211 min Scan# 1740

Delta R.T. -0.009 min

Lab File: BG060792.D

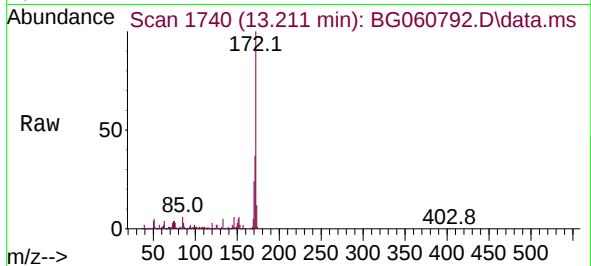
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



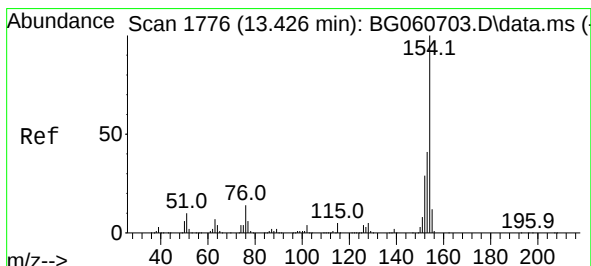
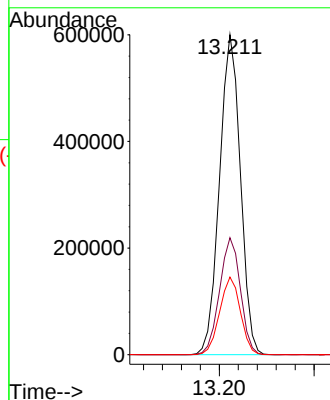
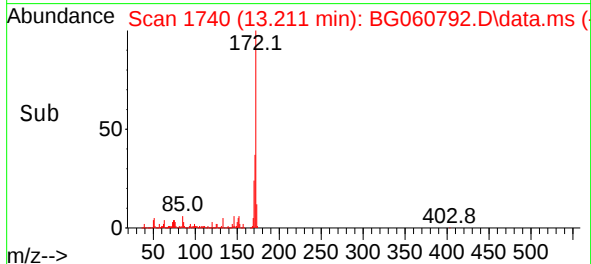
Tgt Ion:172	Resp:	91899
Ion Ratio	Lower	Upper
172	100	
171	36.5	28.7 43.1
170	24.3	19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#46

1,1'-Biphenyl

Concen: 37.343 ng

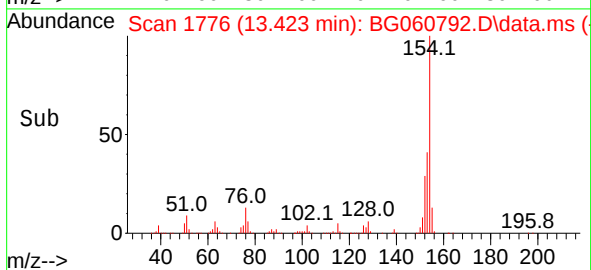
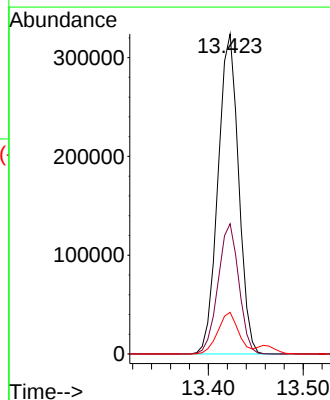
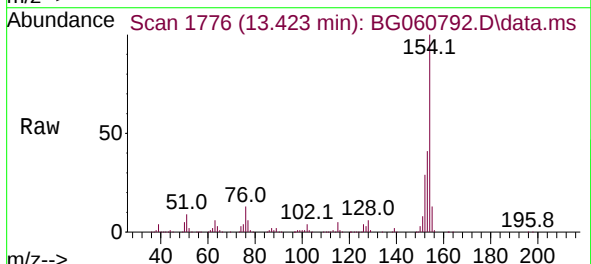
RT: 13.423 min Scan# 1776

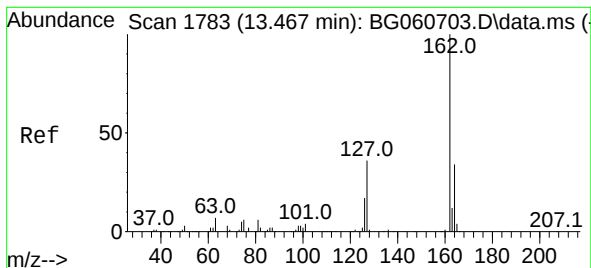
Delta R.T. -0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Tgt Ion:154	Resp:	488416
Ion Ratio	Lower	Upper
154	100	
153	40.7	20.8 60.8
76	13.0	0.0 33.9





#47

2-Chloronaphthalene

Concen: 38.795 ng

RT: 13.458 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060792.D

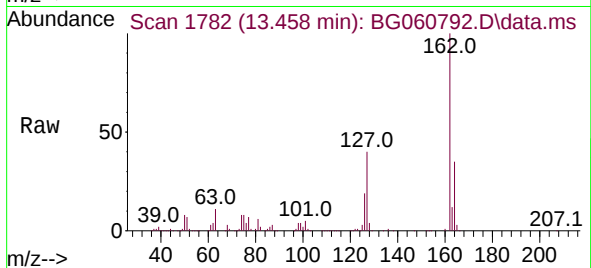
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:162 Resp: 38550

Ion Ratio Lower Upper

162 100

127 40.4 30.6 46.0

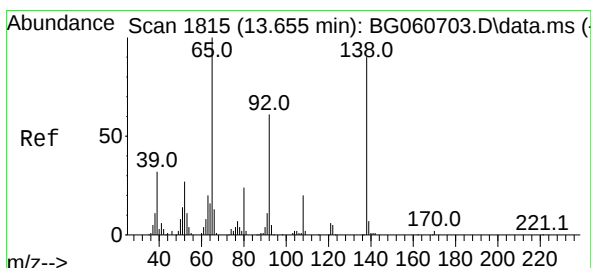
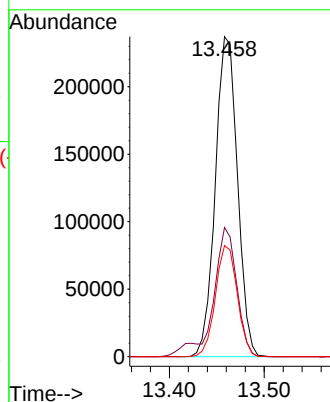
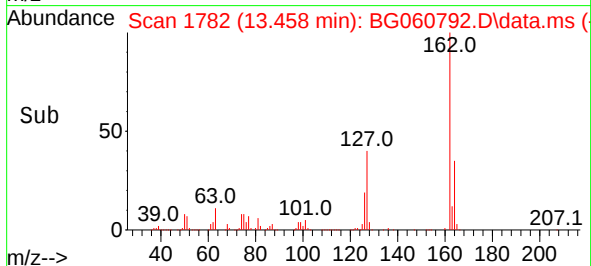
164 34.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#48

2-Nitroaniline

Concen: 47.369 ng

RT: 13.658 min Scan# 1816

Delta R.T. 0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

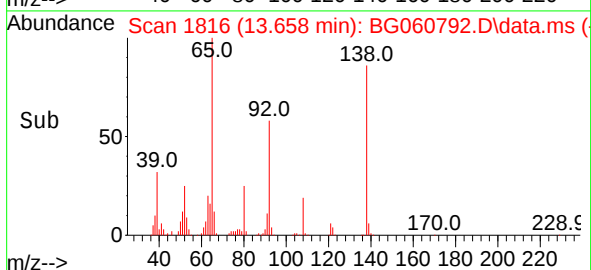
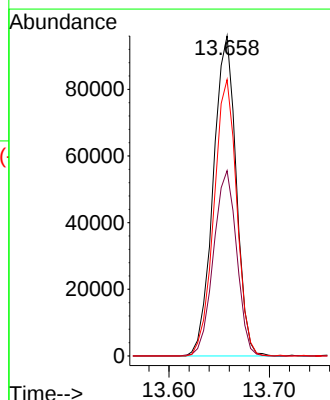
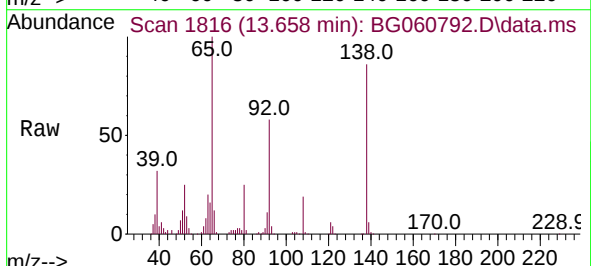
Tgt Ion: 65 Resp: 152248

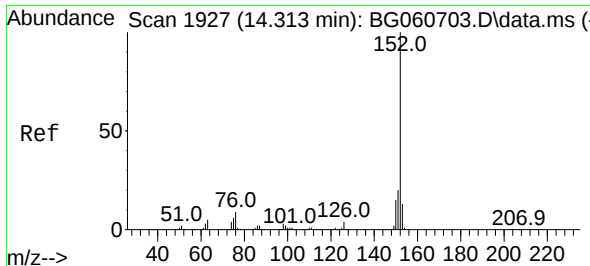
Ion Ratio Lower Upper

65 100

92 57.9 48.6 72.8

138 86.4 72.2 108.4





#49

Acenaphthylene

Concen: 40.610 ng

RT: 14.310 min Scan# 1927

Delta R.T. -0.003 min

Lab File: BG060792.D

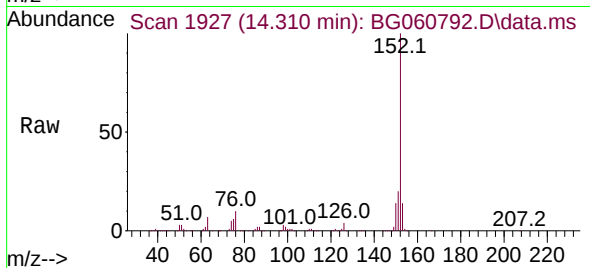
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



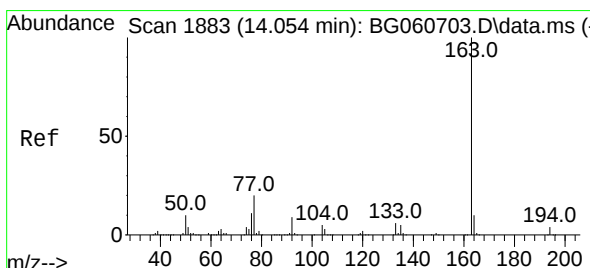
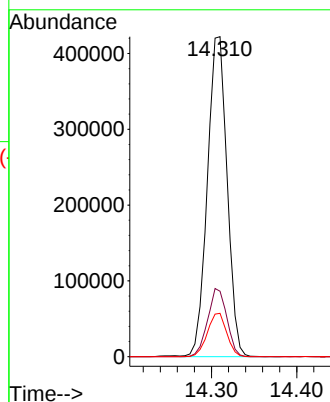
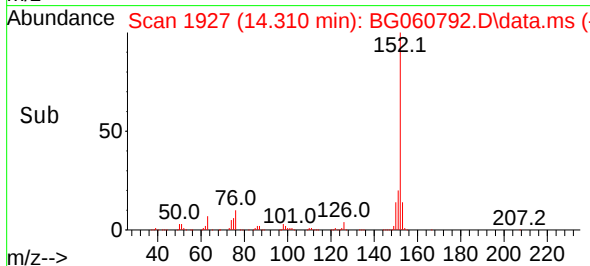
Tgt Ion:152	Resp: 678060
Ion Ratio	Lower Upper
152	100
151	20.4 16.4 24.6
153	13.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#50

Dimethylphthalate

Concen: 38.603 ng

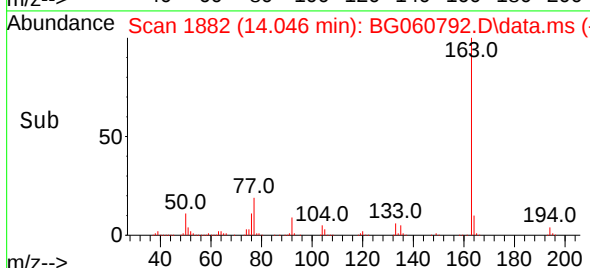
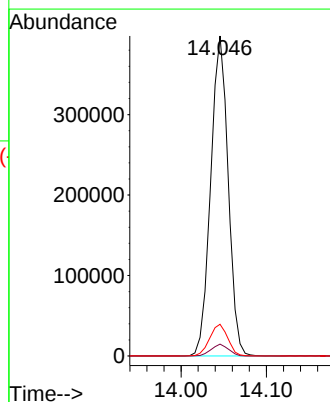
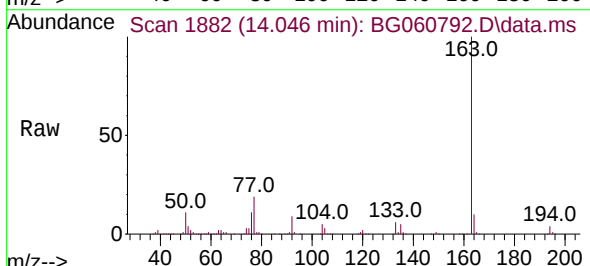
RT: 14.046 min Scan# 1882

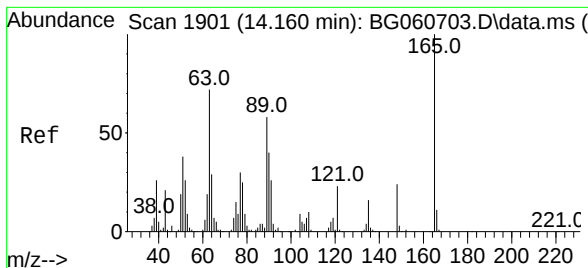
Delta R.T. -0.008 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

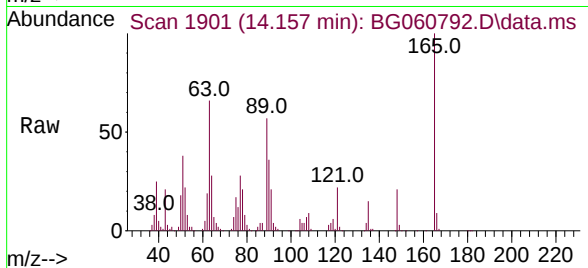
Tgt Ion:163	Resp: 564986
Ion Ratio	Lower Upper
163	100
194	3.7 3.0 4.6
164	9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.993 ng
RT: 14.157 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

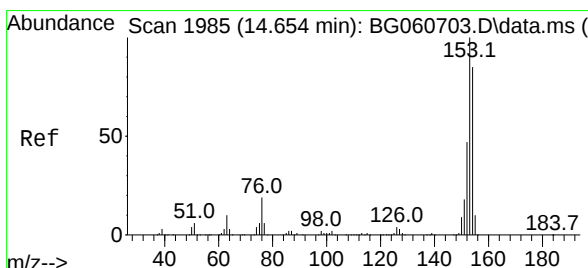
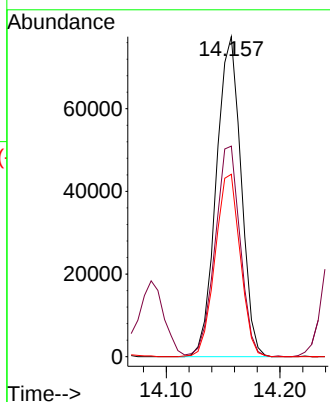
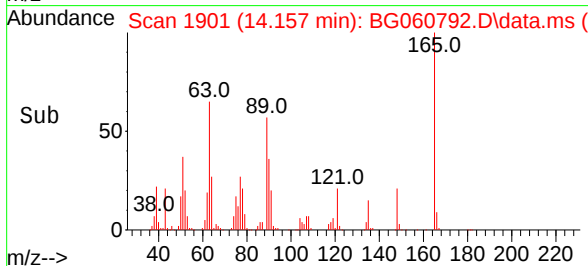
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



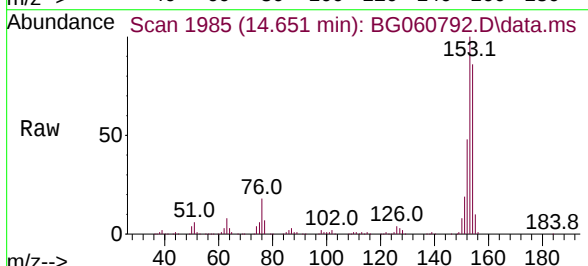
Tgt Ion:165 Resp: 117280
Ion Ratio Lower Upper
165 100
63 65.8 58.2 87.4
89 57.0 46.1 69.1

Manual Integrations
APPROVED

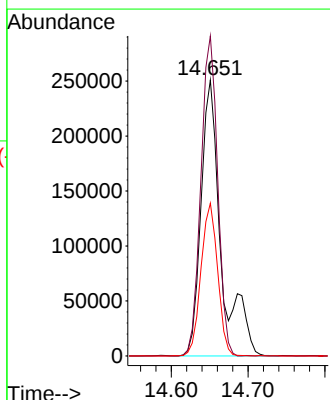
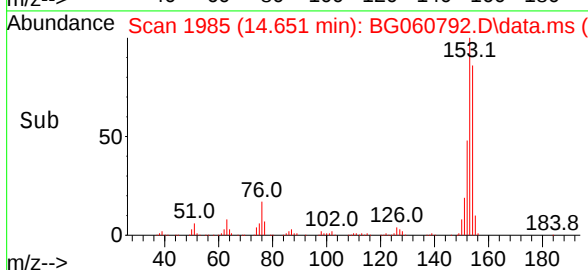
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

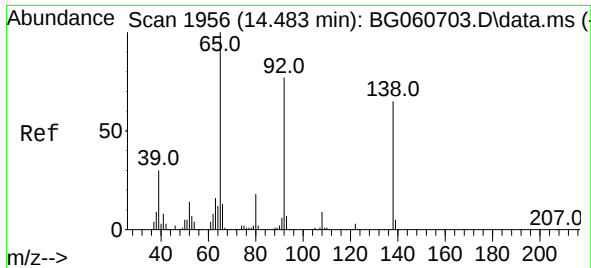


#52
Acenaphthene
Concen: 43.814 ng m
RT: 14.651 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



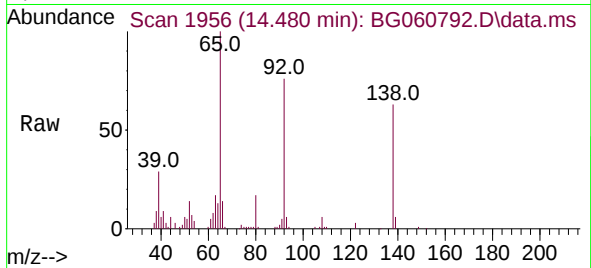
Tgt Ion:154 Resp: 459318
Ion Ratio Lower Upper
154 100
153 116.0 93.9 140.9
152 55.4 44.1 66.1





#53
3-Nitroaniline
Concen: 13.153 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

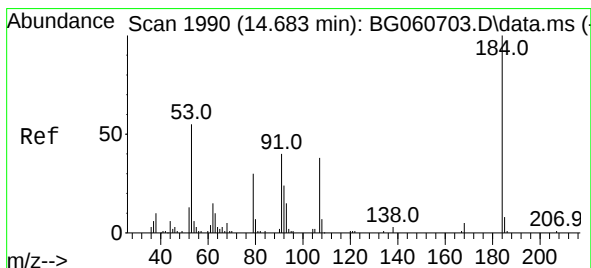
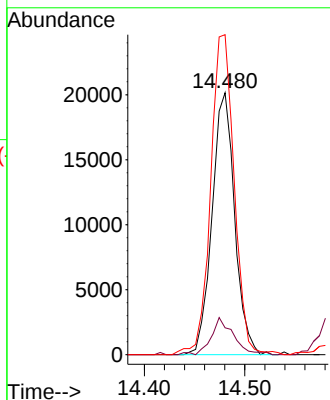
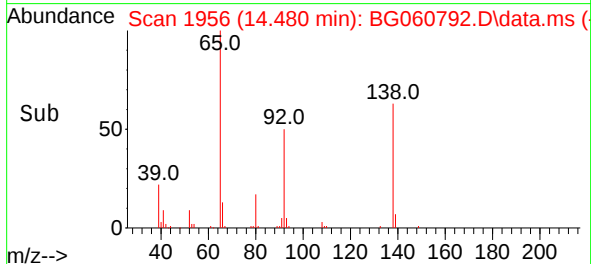
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



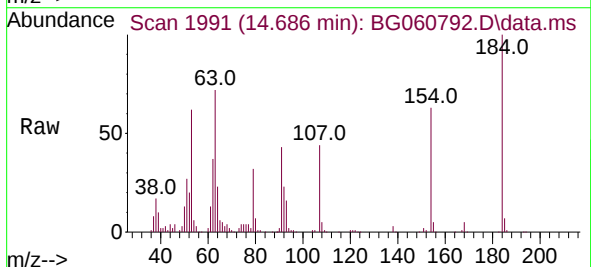
Tgt Ion:138 Resp: 31489
Ion Ratio Lower Upper
138 100
108 10.3 11.3 16.9
92 122.1 94.1 141.1

Manual Integrations
APPROVED

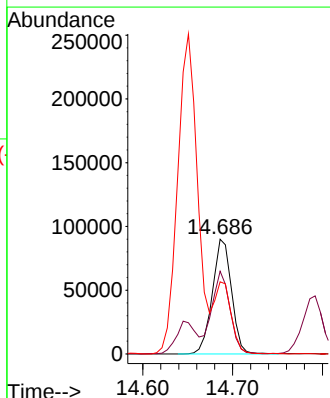
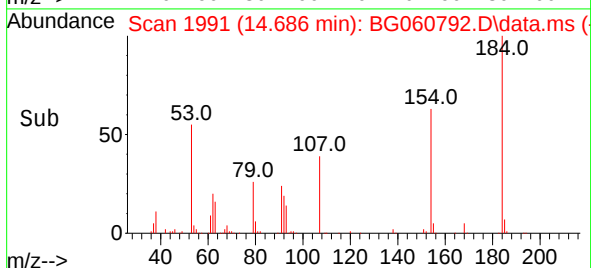
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

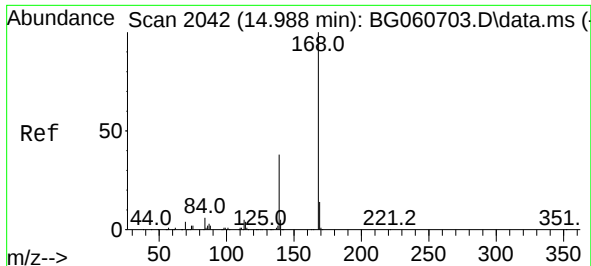


#54
2,4-Dinitrophenol
Concen: 131.100 ng
RT: 14.686 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



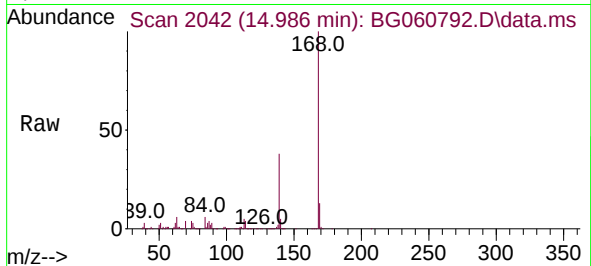
Tgt Ion:184 Resp: 133558
Ion Ratio Lower Upper
184 100
63 72.0 51.3 76.9
154 62.9 59.9 89.9





#55
Dibenzofuran
Concen: 39.654 ng
RT: 14.986 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

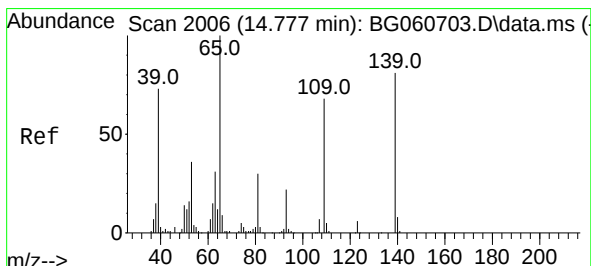
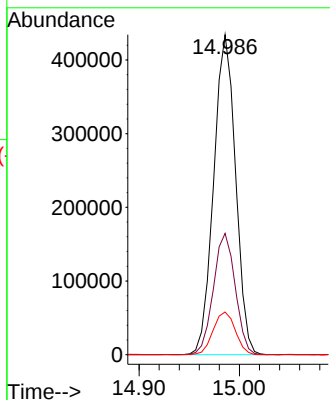
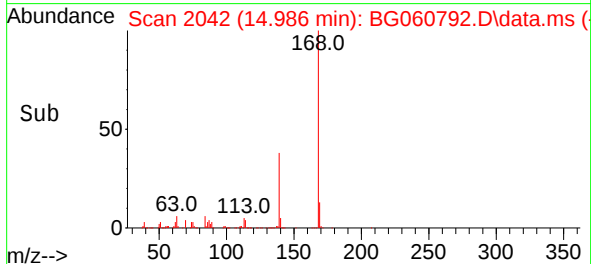
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



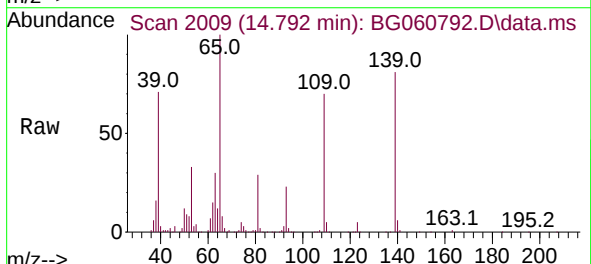
Tgt Ion:168 Resp: 65571
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.3 11.0 16.4

Manual Integrations
APPROVED

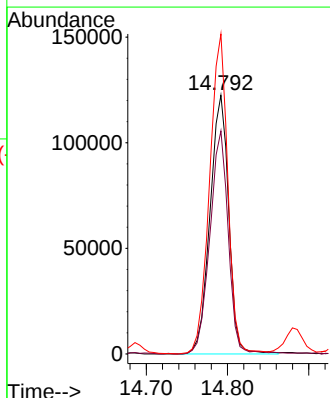
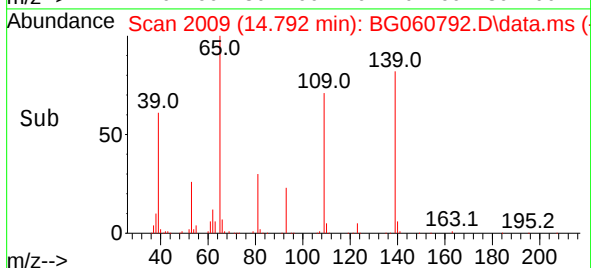
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

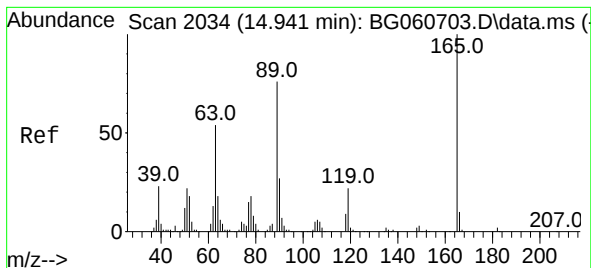


#56
4-Nitrophenol
Concen: 91.573 ng
RT: 14.792 min Scan# 2009
Delta R.T. 0.015 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



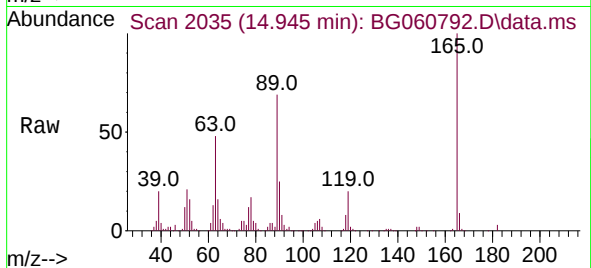
Tgt Ion:139 Resp: 195930
Ion Ratio Lower Upper
139 100
109 86.2 64.0 104.0
65 123.7 104.3 144.3





#57
2,4-Dinitrotoluene
Concen: 51.395 ng
RT: 14.945 min Scan# 2034
Delta R.T. 0.004 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

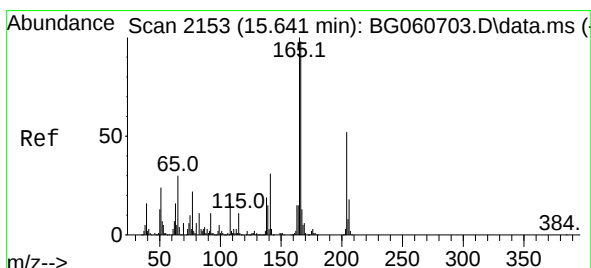
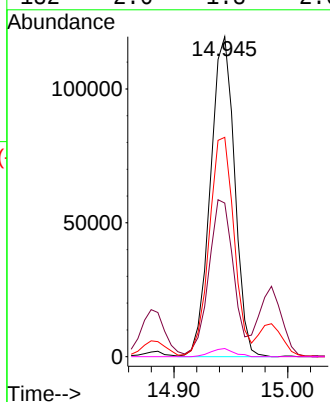
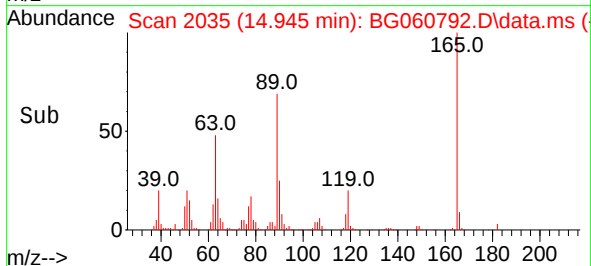
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:165 Resp: 176594
Ion Ratio Lower Upper
165 100
63 48.0 43.4 65.0
89 68.5 61.0 91.6
182 2.6 1.8 2.6

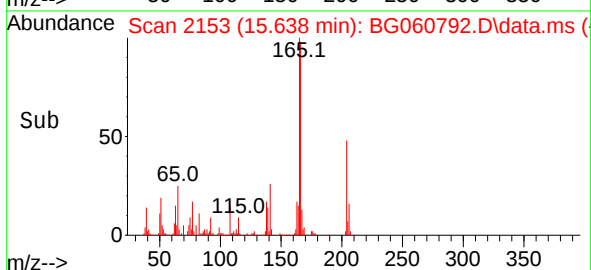
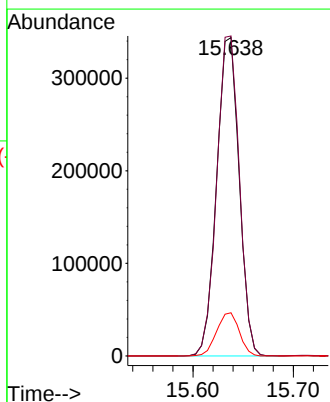
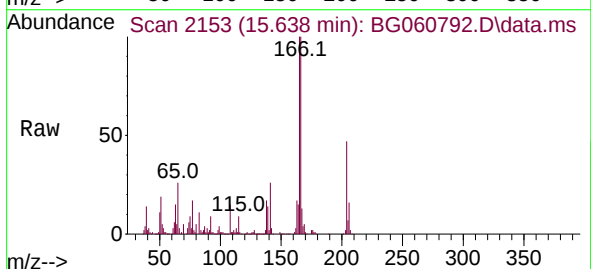
Manual Integrations
APPROVED

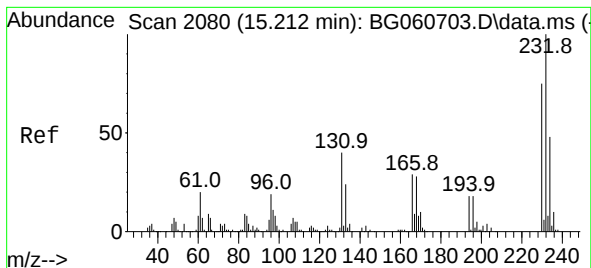
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#58
Fluorene
Concen: 40.256 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

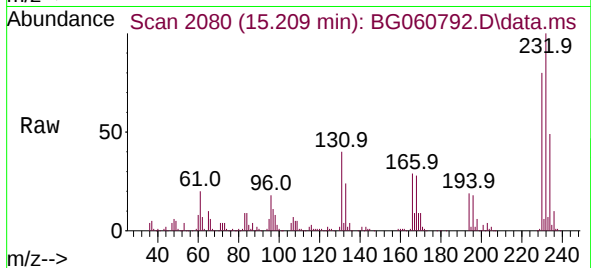
Tgt Ion:166 Resp: 534249
Ion Ratio Lower Upper
166 100
165 100.5 81.8 122.8
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.849 ng
RT: 15.209 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

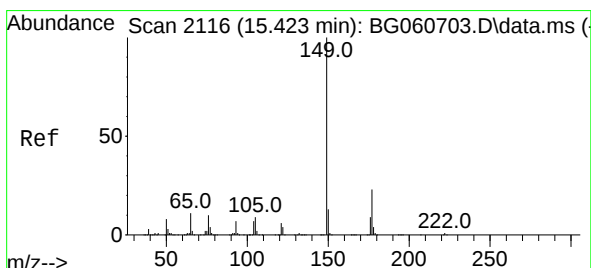
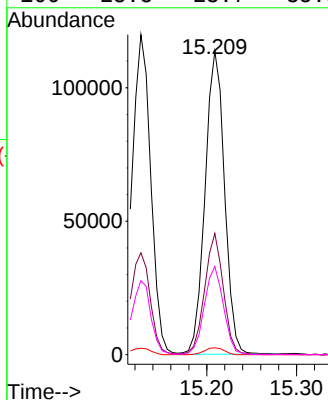
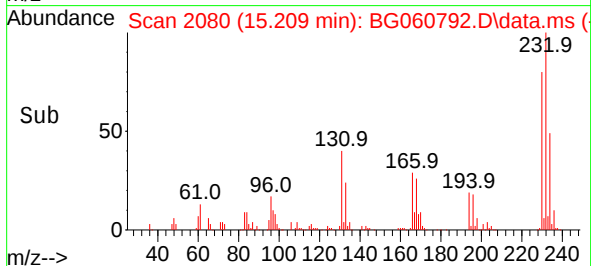
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



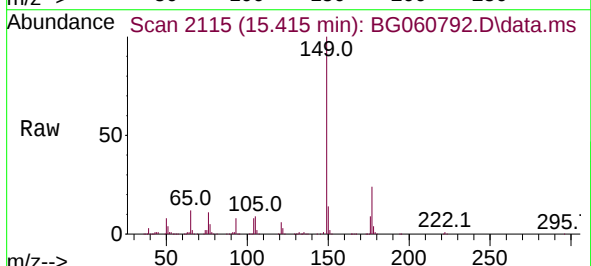
Tgt Ion:232 Resp: 17058
Ion Ratio Lower Upper
232 100
131 38.1 32.2 48.2
130 2.3 2.1 3.1
166 28.8 23.7 35.5

Manual Integrations
APPROVED

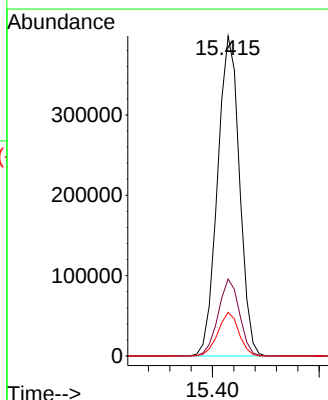
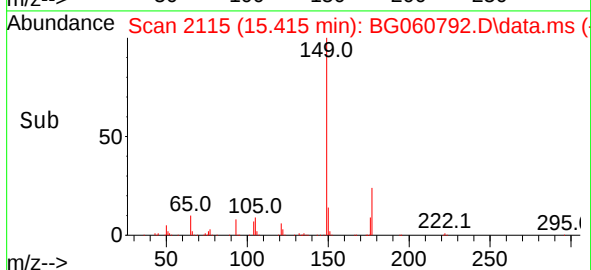
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

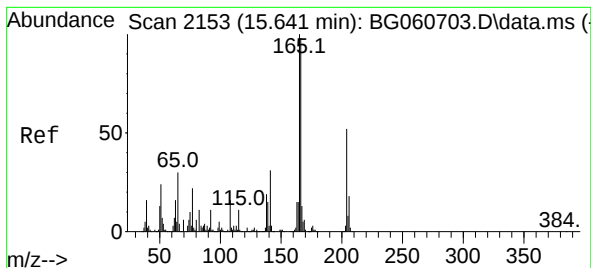


#60
Diethylphthalate
Concen: 38.566 ng
RT: 15.415 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



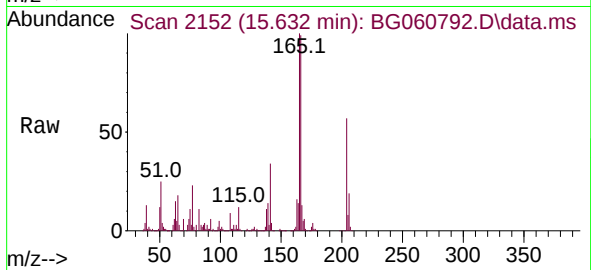
Tgt Ion:149 Resp: 567875
Ion Ratio Lower Upper
149 100
177 24.1 18.0 27.0
150 13.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.244 ng
RT: 15.632 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

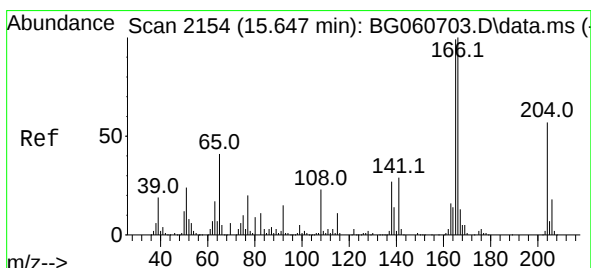
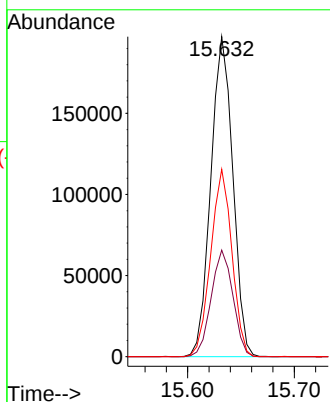
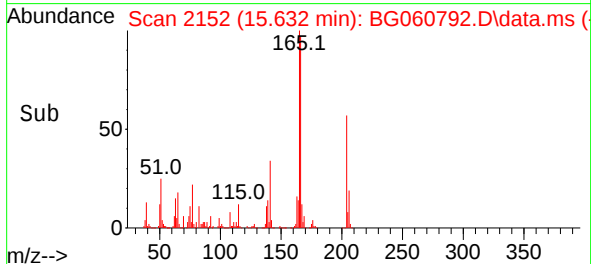
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:204 Resp: 28255
Ion Ratio Lower Upper
204 100
206 33.3 28.3 42.5
141 58.6 47.2 70.8

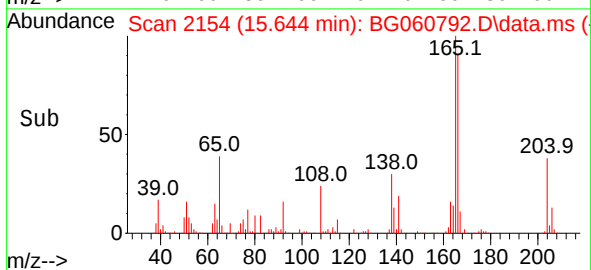
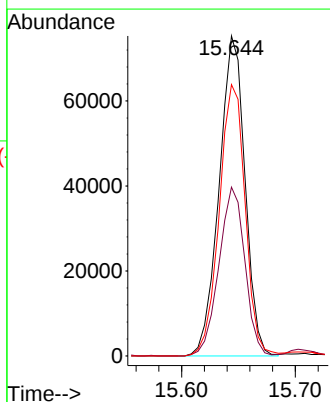
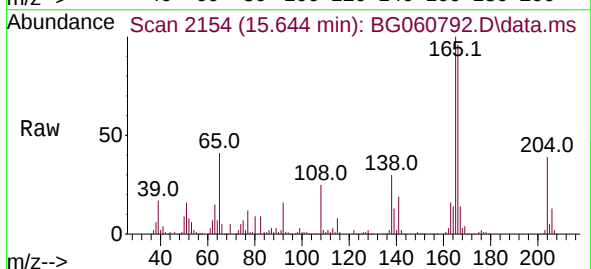
Manual Integrations
APPROVED

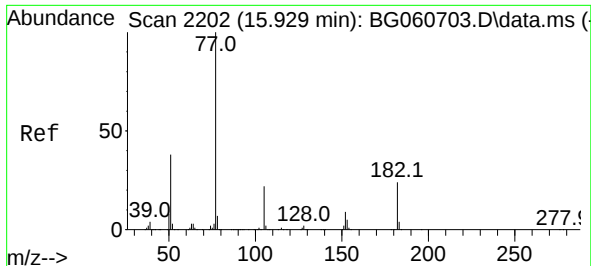
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#62
4-Nitroaniline
Concen: 44.438 ng
RT: 15.644 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

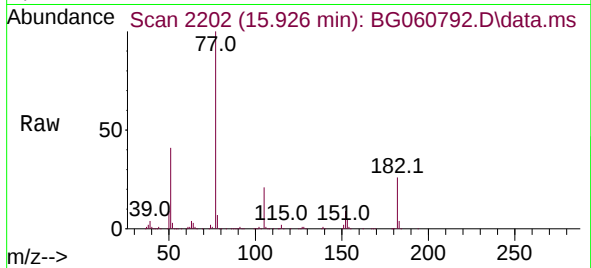
Tgt Ion:138 Resp: 118912
Ion Ratio Lower Upper
138 100
92 52.8 36.8 76.8
108 84.8 66.9 106.9





#63
Azobenzene
Concen: 38.621 ng
RT: 15.926 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

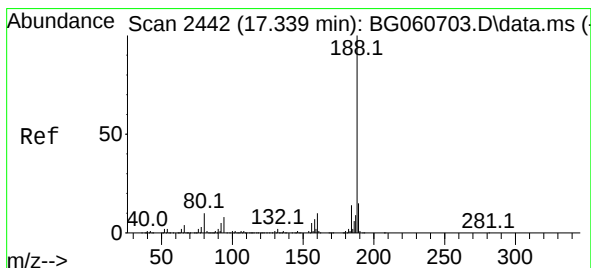
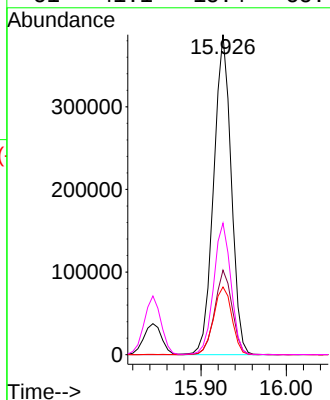
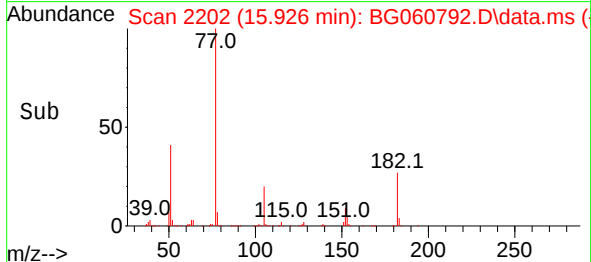
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion: 77 Resp: 554160
Ion Ratio Lower Upper
77 100
182 26.4 3.9 43.9
105 21.1 1.7 41.7
51 41.1 18.4 58.4

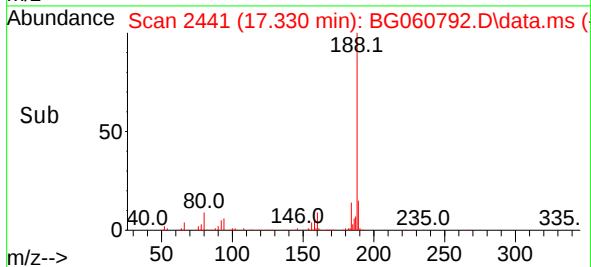
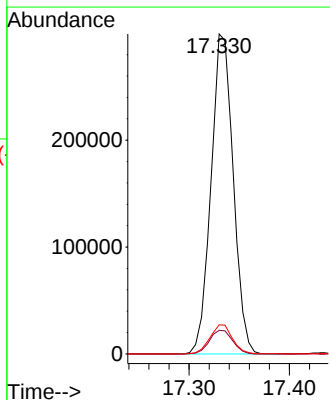
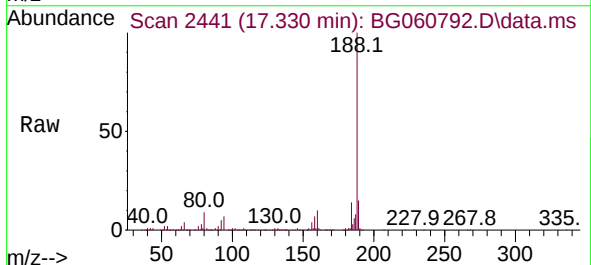
Manual Integrations
APPROVED

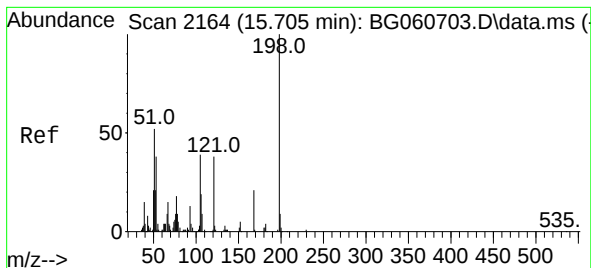
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

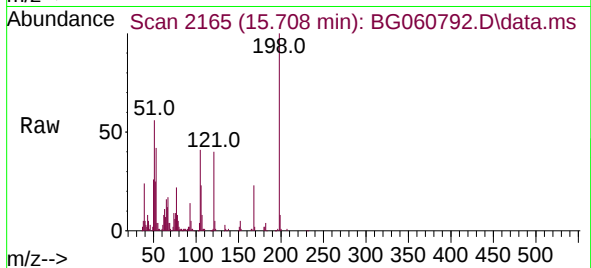
Tgt Ion:188 Resp: 459831
Ion Ratio Lower Upper
188 100
94 7.4 6.6 9.8
80 9.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.409 ng
RT: 15.708 min Scan# 2165
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

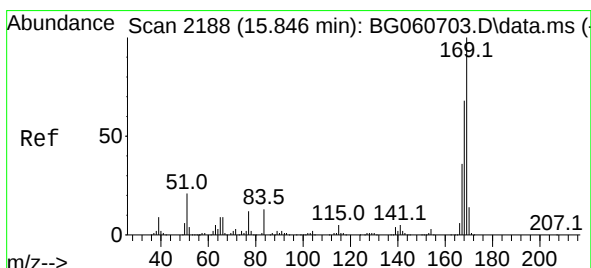
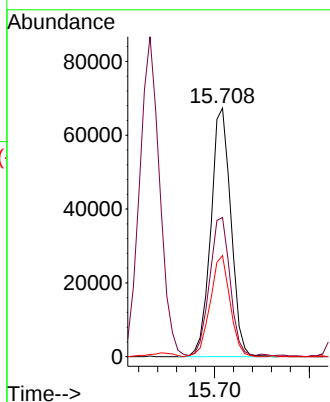
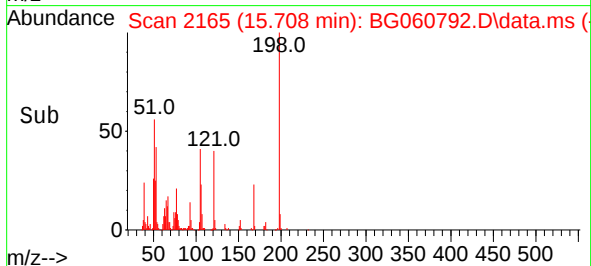
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



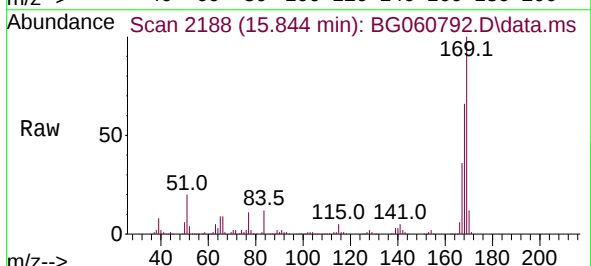
Tgt Ion:198 Resp: 9866
Ion Ratio Lower Upper
198 100
51 56.0 36.7 76.7
105 40.7 19.1 59.1

Manual Integrations
APPROVED

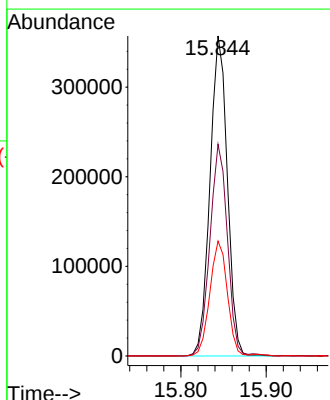
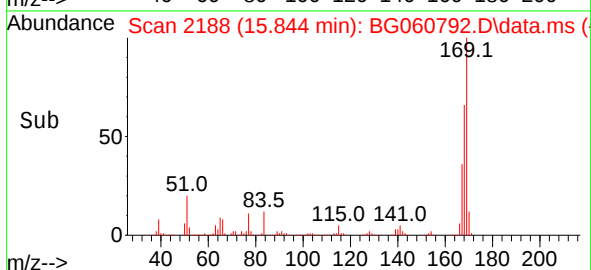
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

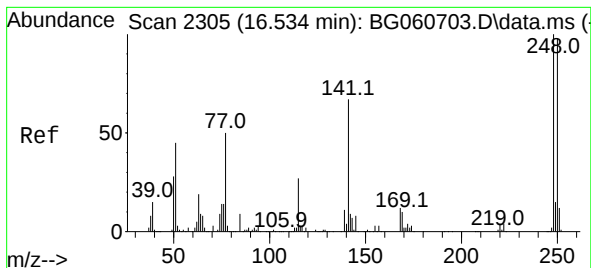


#66
n-Nitrosodiphenylamine
Concen: 38.358 ng
RT: 15.844 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



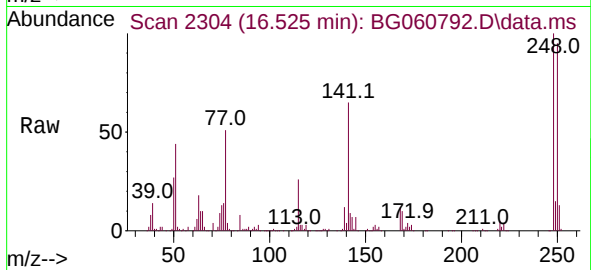
Tgt Ion:169 Resp: 504038
Ion Ratio Lower Upper
169 100
168 66.2 54.5 81.7
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.489 ng
RT: 16.525 min Scan# 2304
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

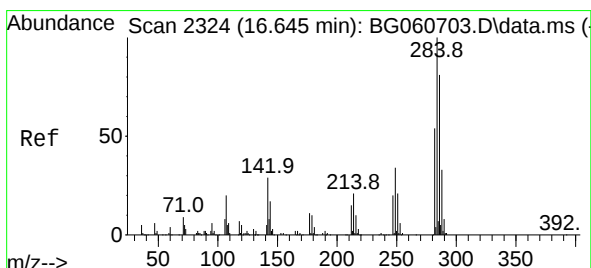
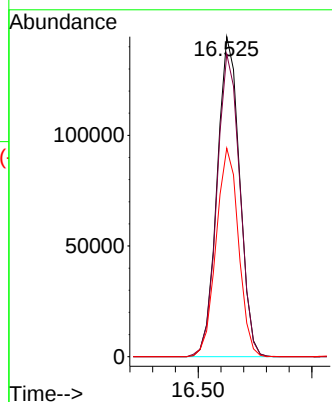
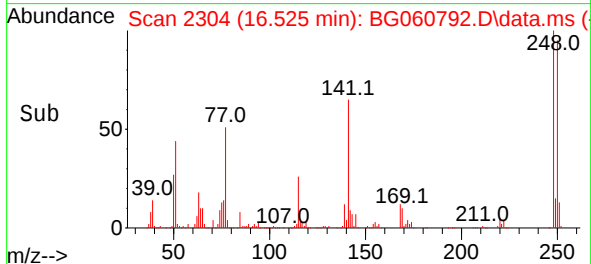
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



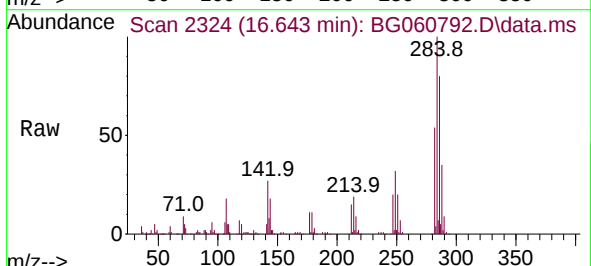
Tgt Ion:248 Resp: 19828
Ion Ratio Lower Upper
248 100
250 94.6 78.3 117.5
141 65.1 53.7 80.5

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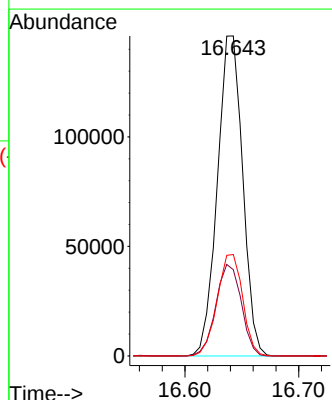
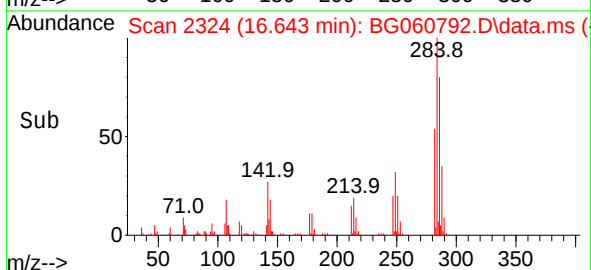
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

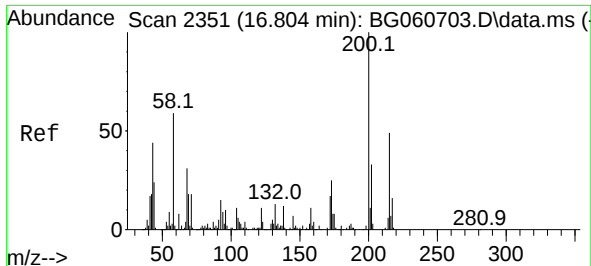


#68
Hexachlorobenzene
Concen: 42.885 ng
RT: 16.643 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



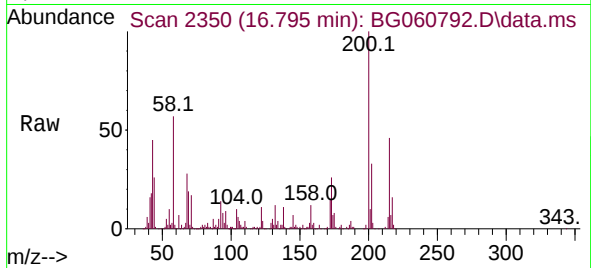
Tgt Ion:284 Resp: 225920
Ion Ratio Lower Upper
284 100
142 27.0 22.9 34.3
249 31.7 27.1 40.7





#69
Atrazine
Concen: 33.906 ng
RT: 16.795 min Scan# 2350
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

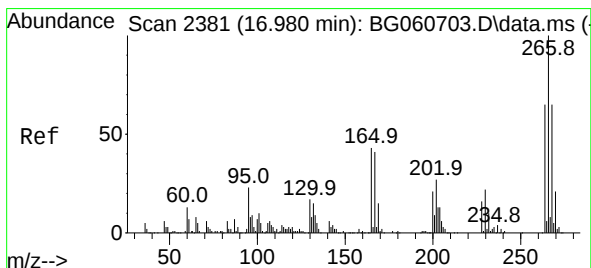
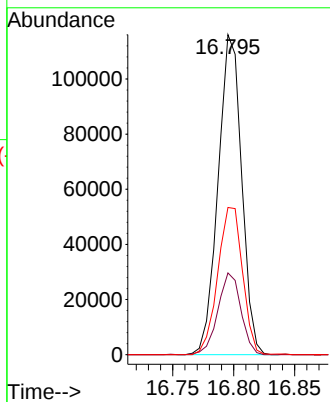
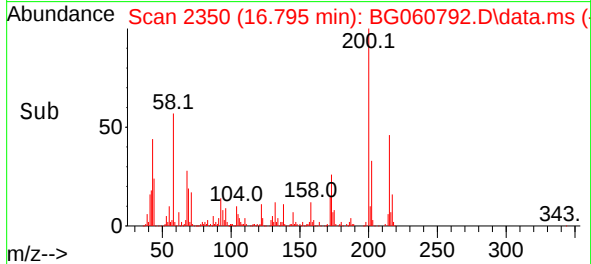
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



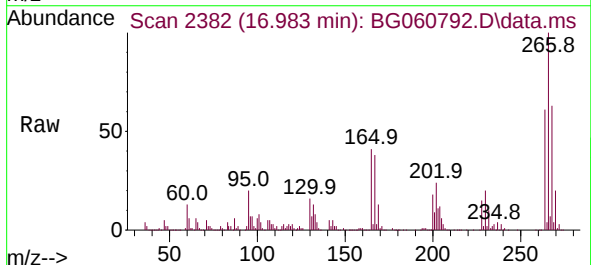
Tgt Ion:200 Resp: 155800
Ion Ratio Lower Upper
200 100
173 25.6 5.2 45.2
215 46.0 28.8 68.8

Manual Integrations
APPROVED

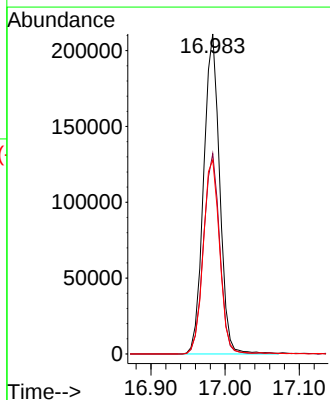
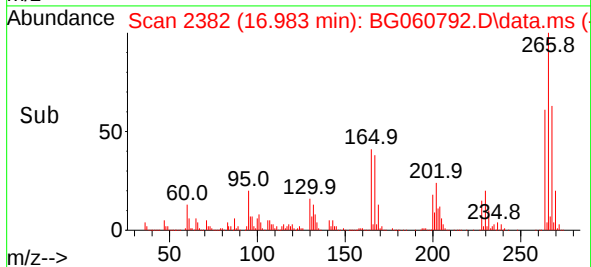
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

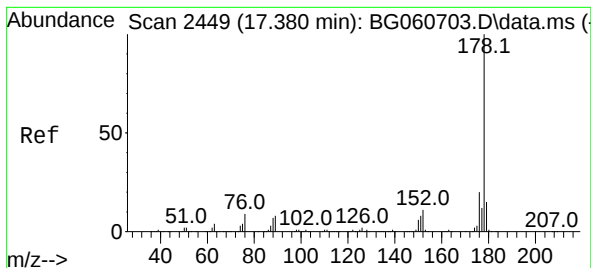


#70
Pentachlorophenol
Concen: 92.301 ng
RT: 16.983 min Scan# 2382
Delta R.T. 0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19



Tgt Ion:266 Resp: 317277
Ion Ratio Lower Upper
266 100
268 62.6 52.2 78.4
264 60.6 51.8 77.6





#71

Phenanthrene

Concen: 39.420 ng

RT: 17.377 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG060792.D

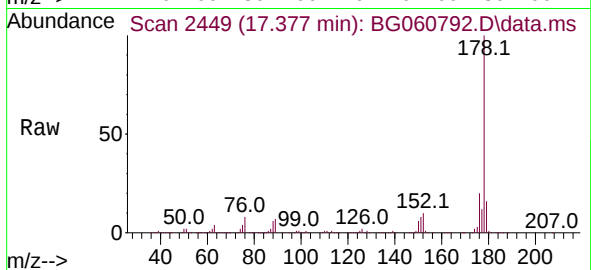
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:178 Resp: 94272

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

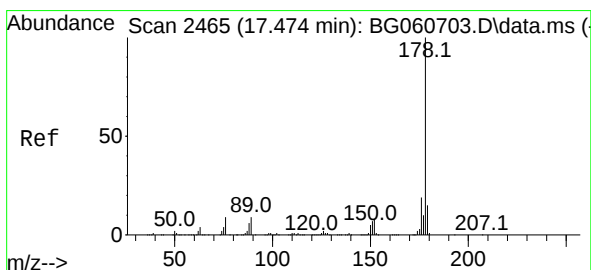
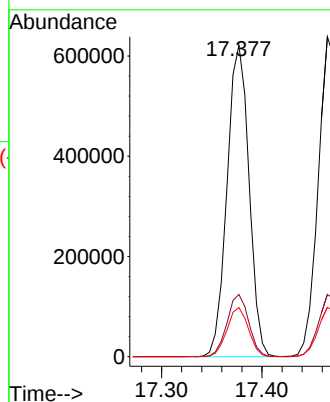
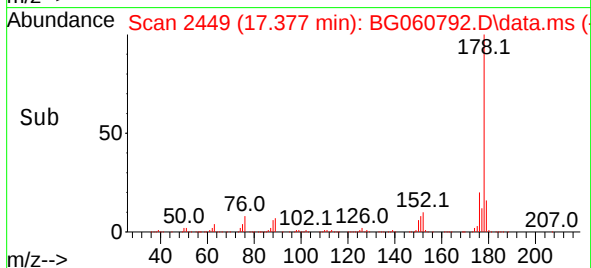
179 15.8 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#72

Anthracene

Concen: 39.245 ng

RT: 17.465 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

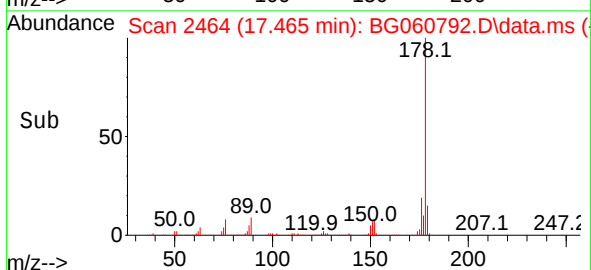
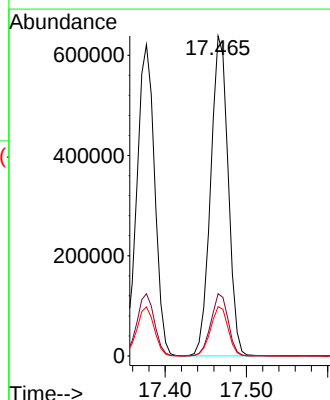
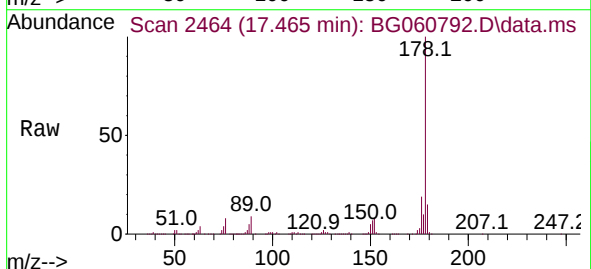
Tgt Ion:178 Resp: 953154

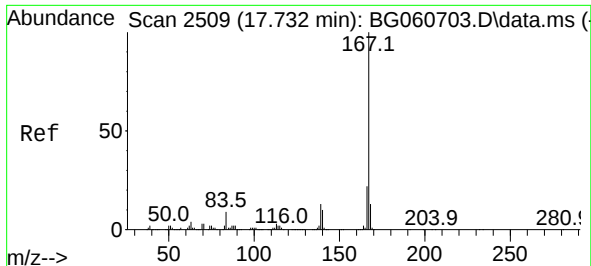
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

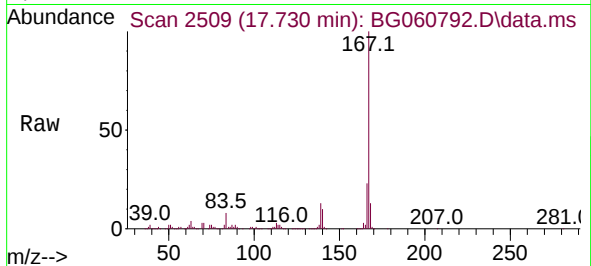
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 39.320 ng
 RT: 17.730 min Scan# 2509
 Delta R.T. -0.003 min
 Lab File: BG060792.D
 Acq: 5 Apr 2024 12:19

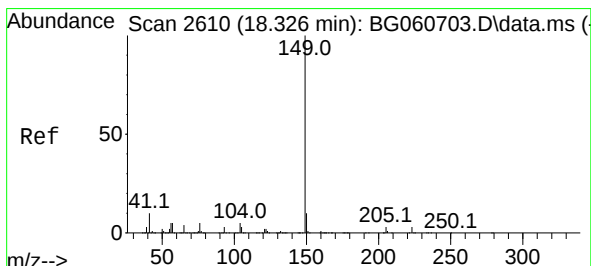
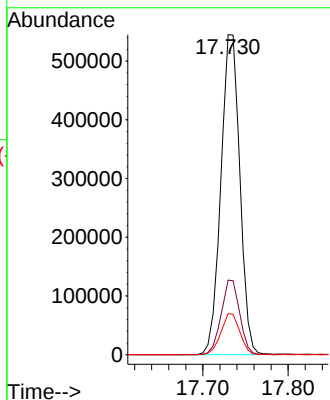
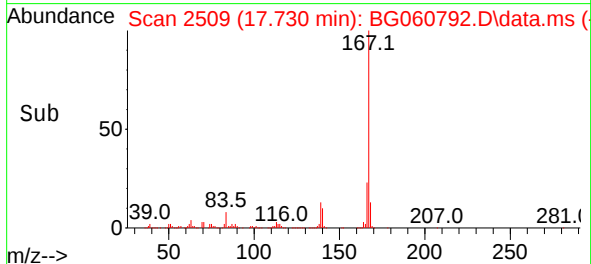
Instrument : BNA_G
 ClientSampleId : NM-DRUMS-040224MS



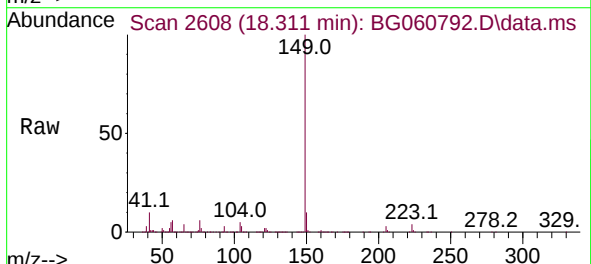
Tgt Ion:167 Resp: 841974
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

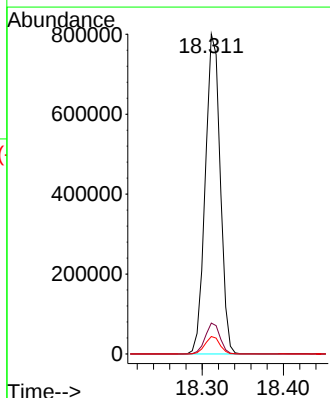
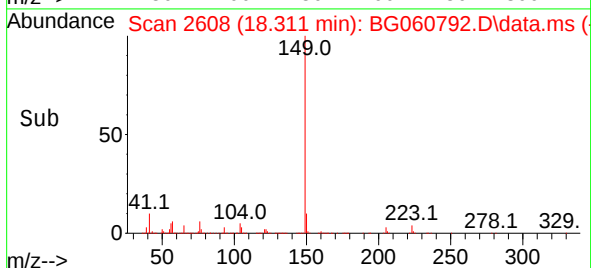
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

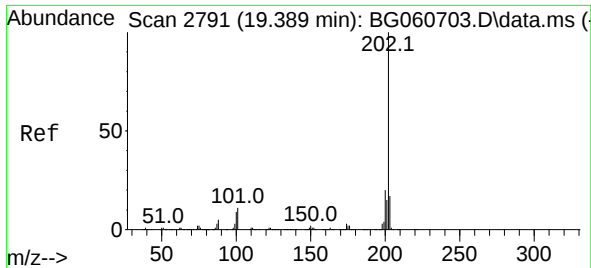


#74
 Di-n-butylphthalate
 Concen: 38.142 ng
 RT: 18.311 min Scan# 2608
 Delta R.T. -0.015 min
 Lab File: BG060792.D
 Acq: 5 Apr 2024 12:19



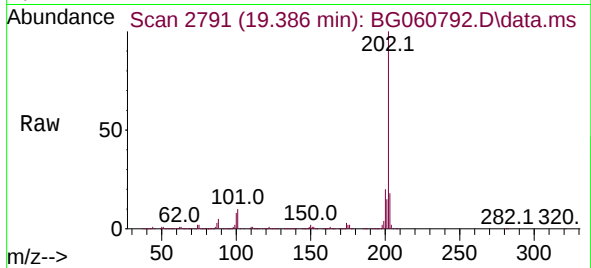
Tgt Ion:149 Resp: 1018271
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 39.633 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

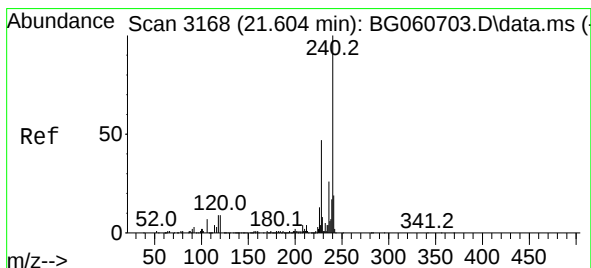
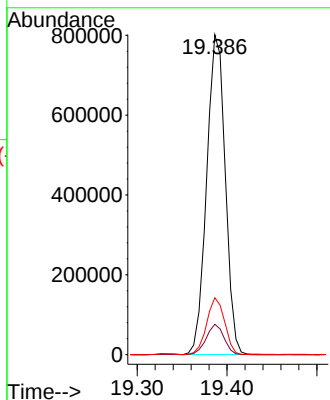
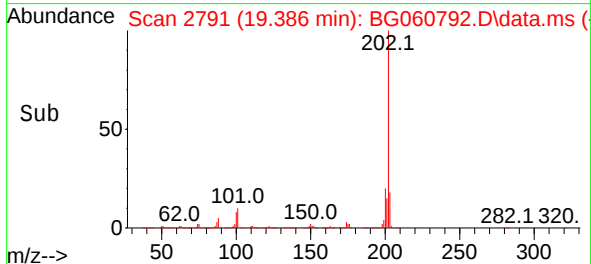
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:202 Resp: 115011
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 17.8 0.0 37.4

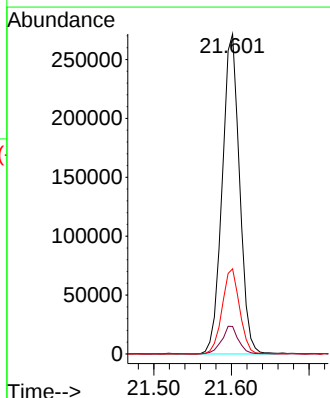
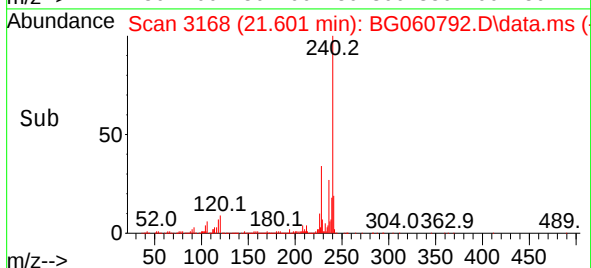
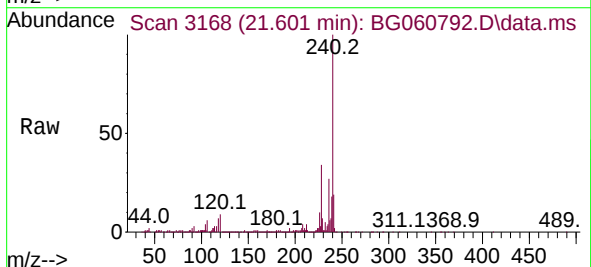
Manual Integrations
APPROVED

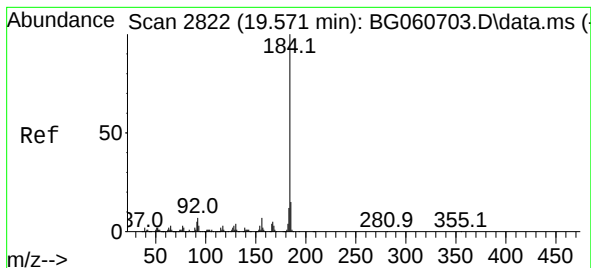
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion:240 Resp: 422946
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 26.6 20.7 31.1





#77

Benzidine

Concen: 5.855 ng m

RT: 19.574 min Scan# 2822

Delta R.T. 0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS

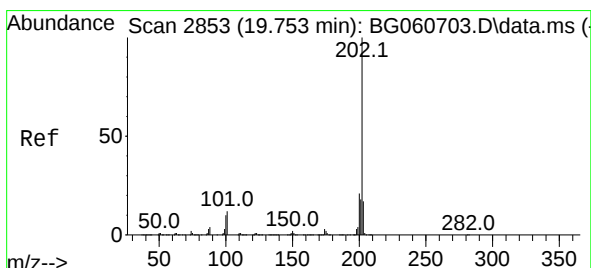
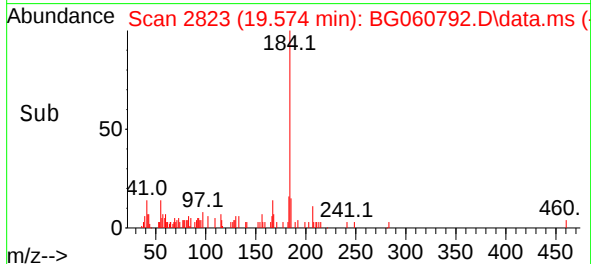
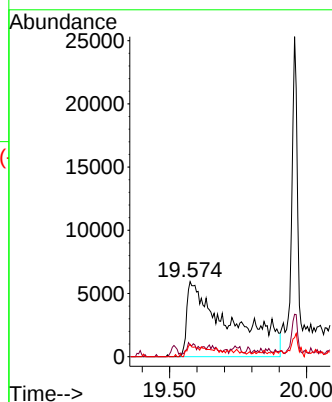
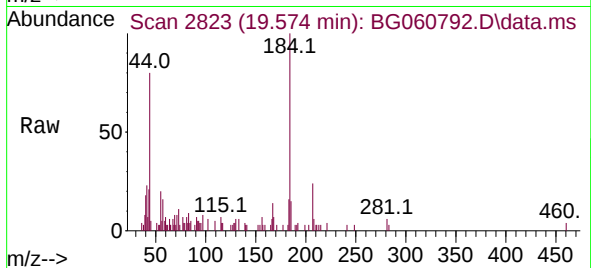
Tgt Ion:184 Resp: 65210
 Ion Ratio Lower Upper
 184 100
 185 15.3 11.8 17.6
 183 16.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#78

Pyrene

Concen: 40.096 ng

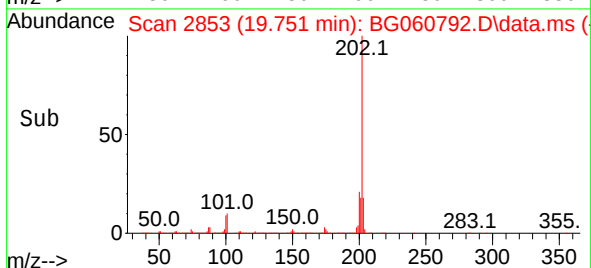
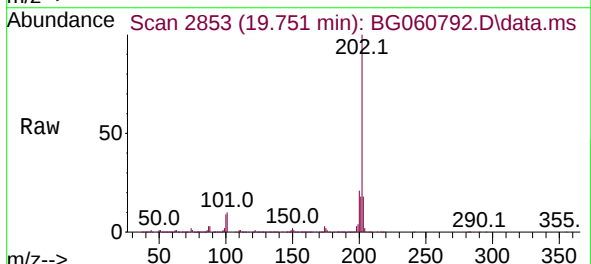
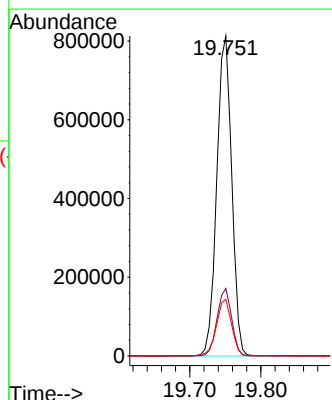
RT: 19.751 min Scan# 2853

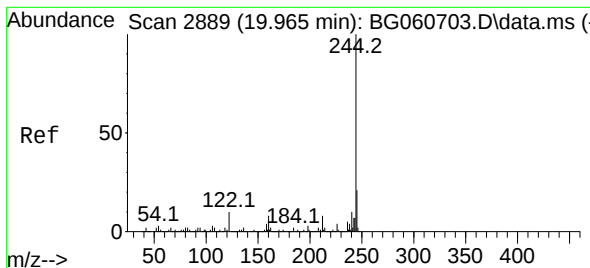
Delta R.T. -0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Tgt Ion:202 Resp: 1186033
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 76.478 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060792.D

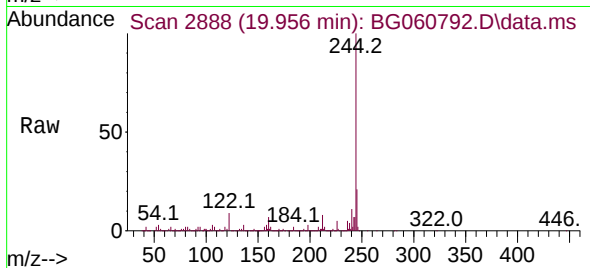
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:244 Resp: 183696

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

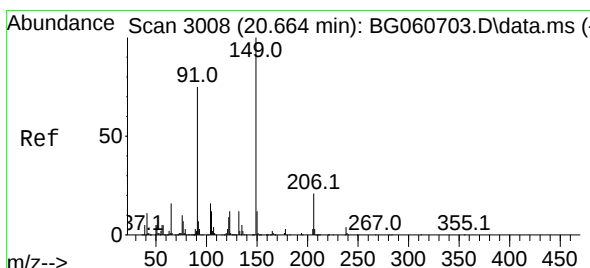
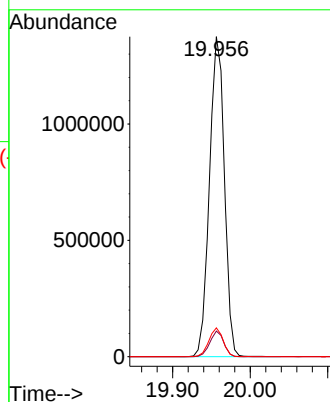
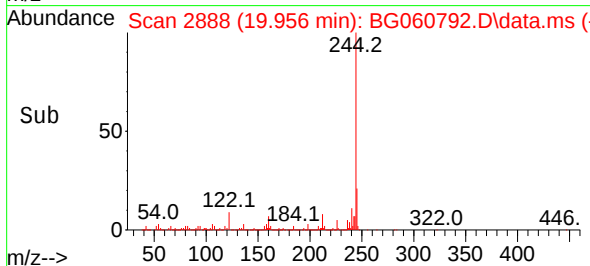
122 9.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#80

Butylbenzylphthalate

Concen: 42.653 ng

RT: 20.656 min Scan# 3007

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

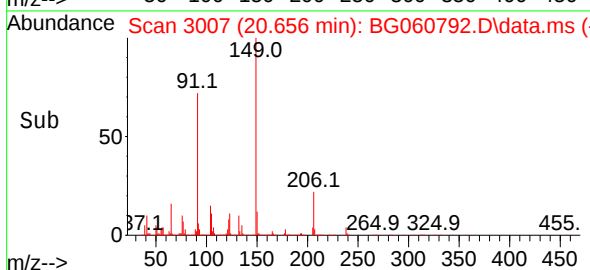
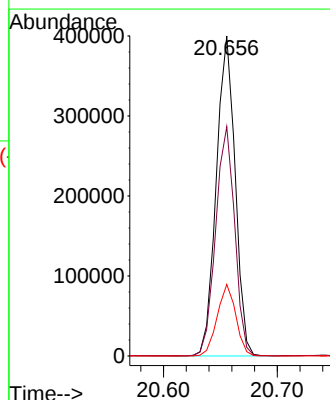
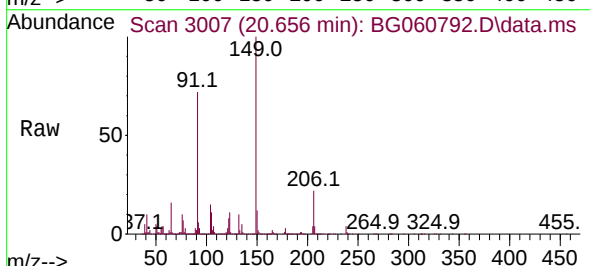
Tgt Ion:149 Resp: 460245

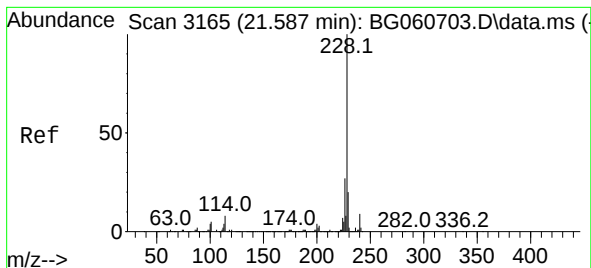
Ion Ratio Lower Upper

149 100

91 71.6 60.1 90.1

206 22.4 16.8 25.2





#81

Benzo(a)anthracene

Concen: 40.858 ng

RT: 21.578 min Scan# 3164

Delta R.T. -0.009 min

Lab File: BG060792.D

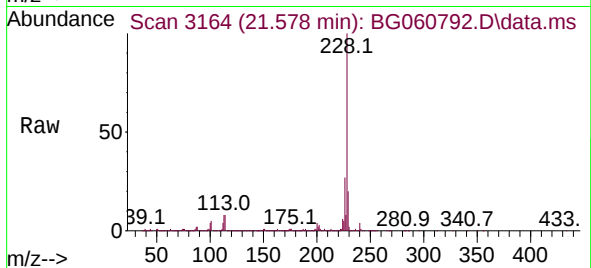
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:228 Resp: 121810

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

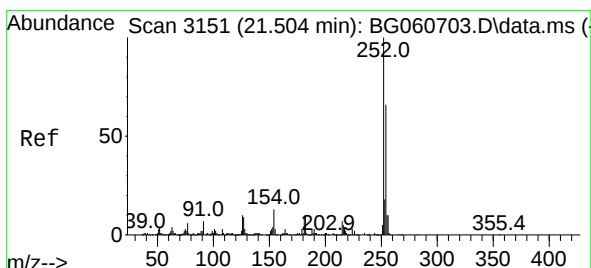
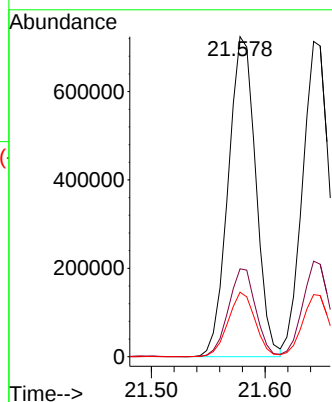
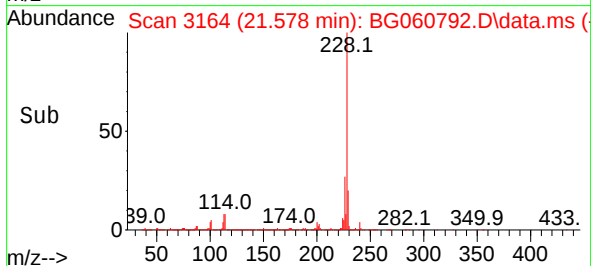
229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#82

3,3'-Dichlorobenzidine

Concen: 14.219 ng

RT: 21.496 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

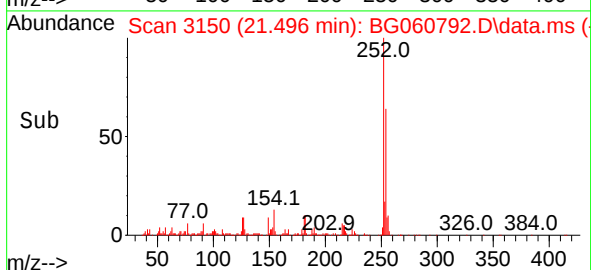
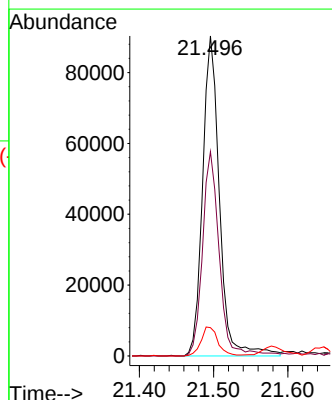
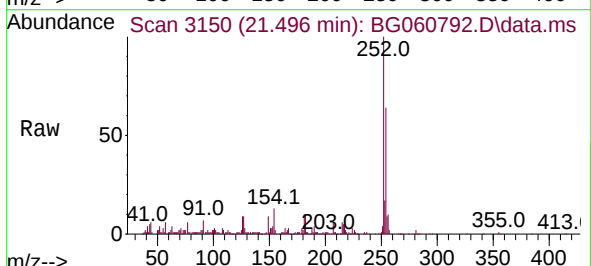
Tgt Ion:252 Resp: 143135

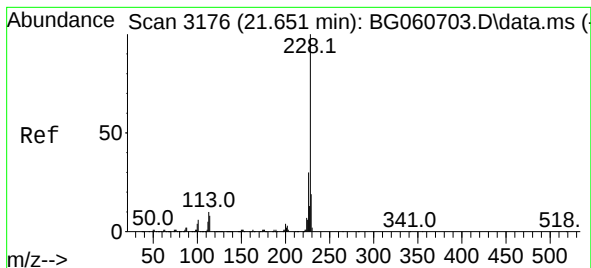
Ion Ratio Lower Upper

252 100

254 63.9 52.6 78.8

126 8.9 7.8 11.8





#83

Chrysene

Concen: 40.535 ng

RT: 21.643 min Scan# 3176

Delta R.T. -0.009 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS

Tgt Ion:228 Resp: 1164800

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

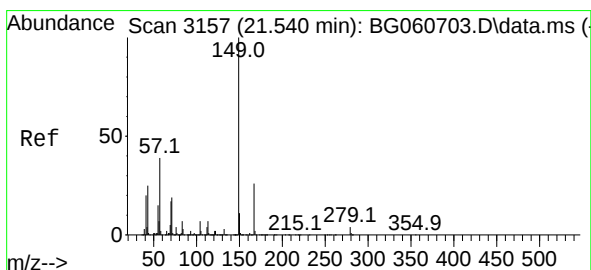
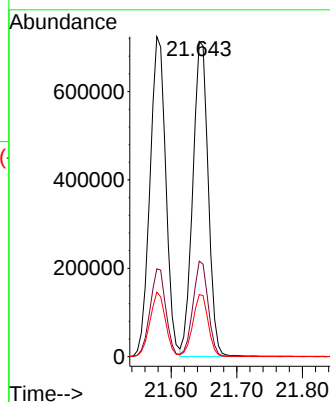
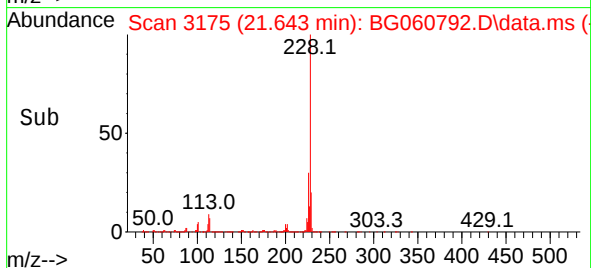
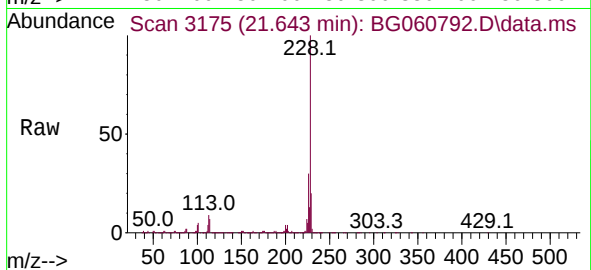
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.326 ng

RT: 21.519 min Scan# 3154

Delta R.T. -0.020 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

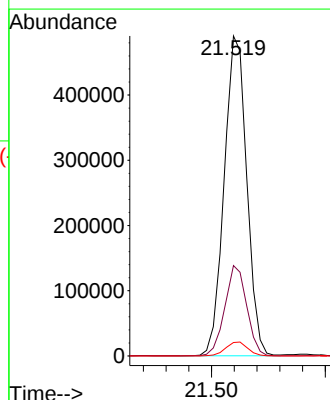
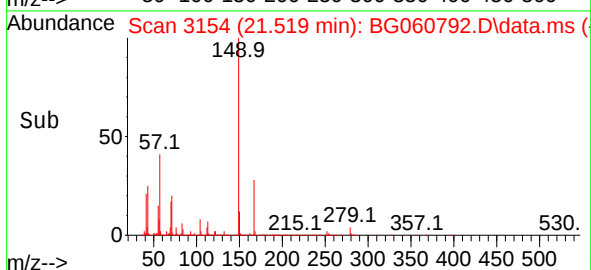
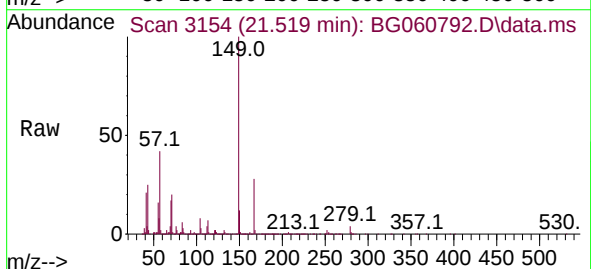
Tgt Ion:149 Resp: 676341

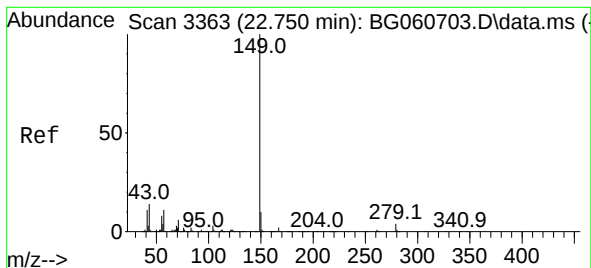
Ion Ratio Lower Upper

149 100

167 28.3 20.6 30.8

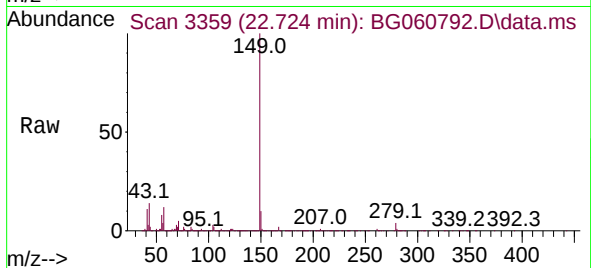
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 42.405 ng
RT: 22.724 min Scan# 3363
Delta R.T. -0.026 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

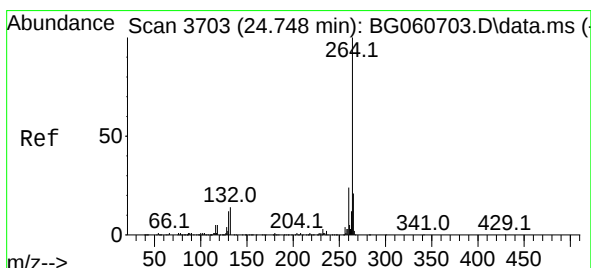
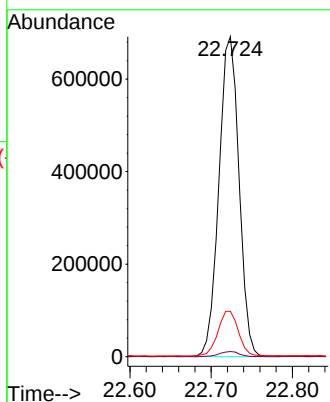
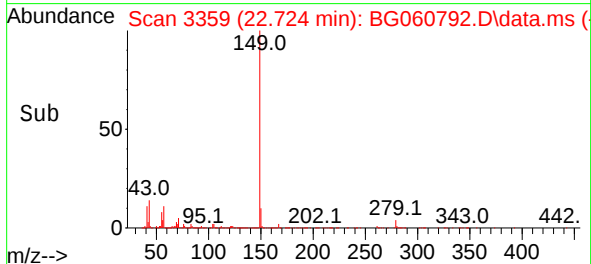
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:149 Resp: 1188110
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.2 11.3 16.9

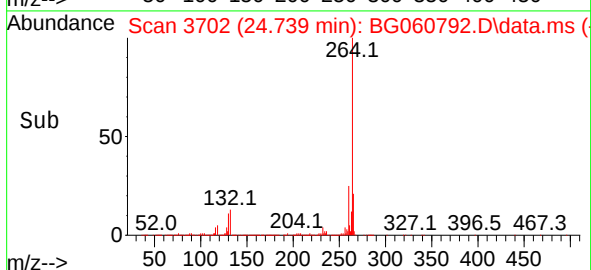
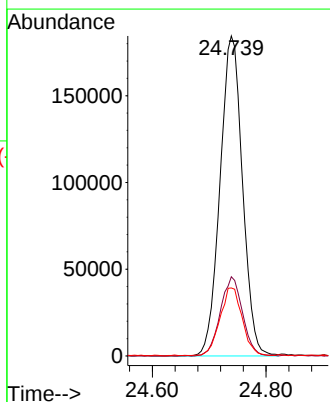
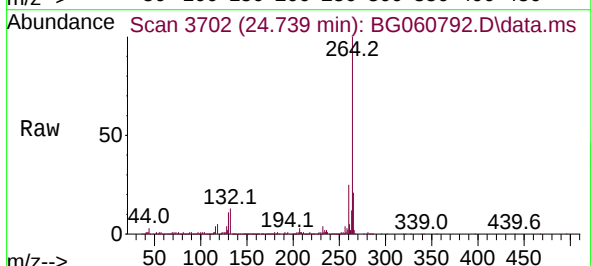
Manual Integrations
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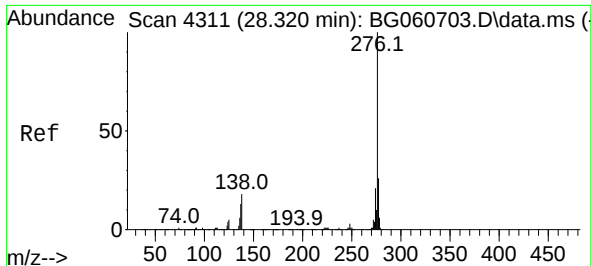
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3702
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

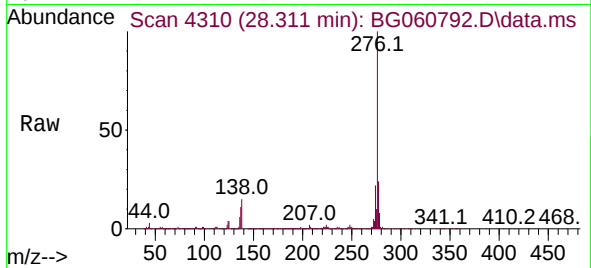
Tgt Ion:264 Resp: 505826
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.3 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.728 ng
RT: 28.311 min Scan# 4311
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

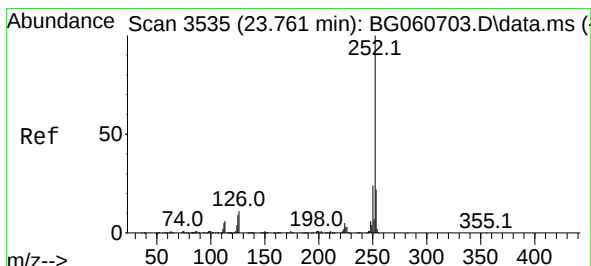
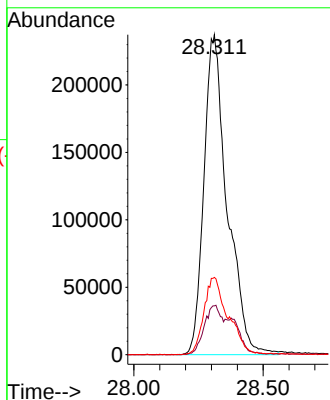
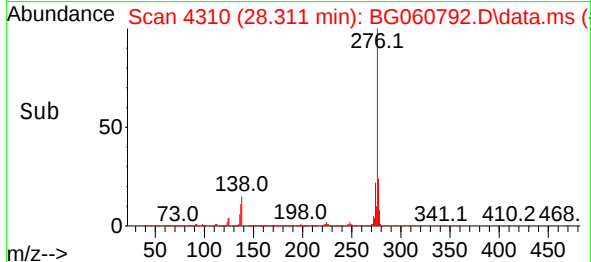
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:276 Resp: 1486384
Ion Ratio Lower Upper
276 100
138 11.4 12.4 18.6
277 25.2 20.2 30.2

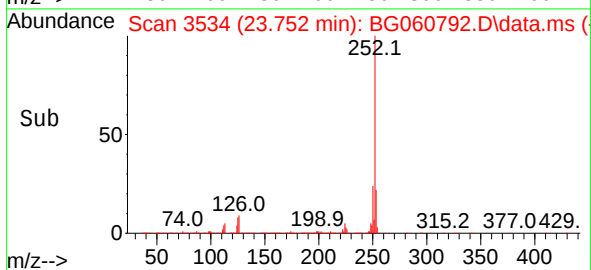
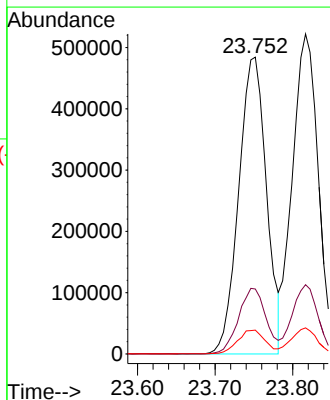
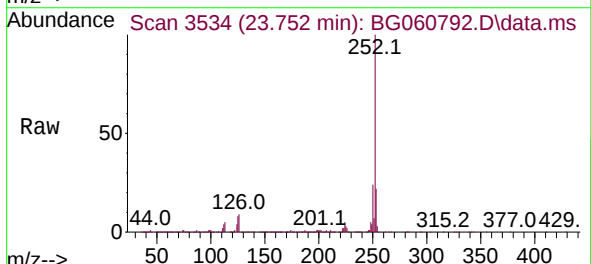
Manual Integrations
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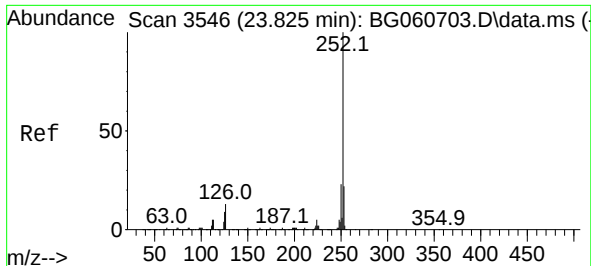
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#88
Benzo(b)fluoranthene
Concen: 41.449 ng
RT: 23.752 min Scan# 3534
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

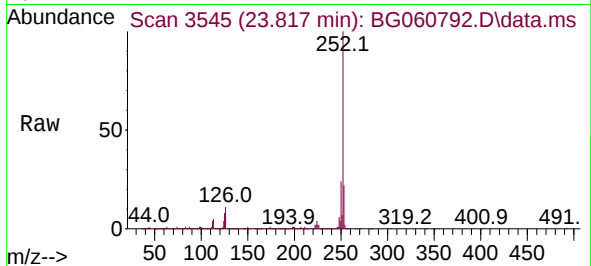
Tgt Ion:252 Resp: 1204499
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.0 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 40.817 ng
RT: 23.817 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

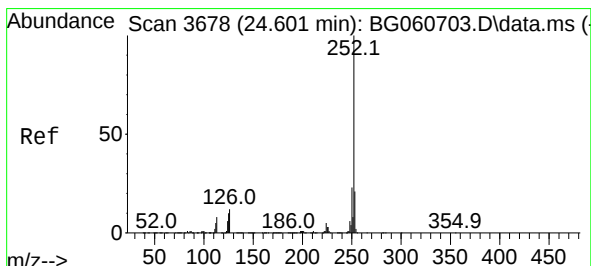
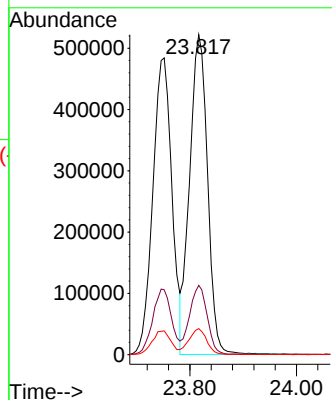
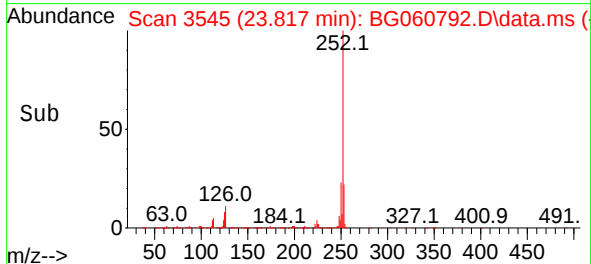
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MS



Tgt Ion:252 Resp: 1214034
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.2 7.5 11.3

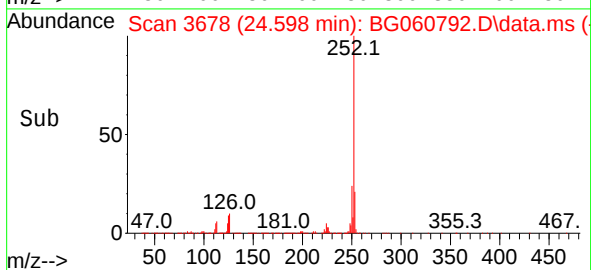
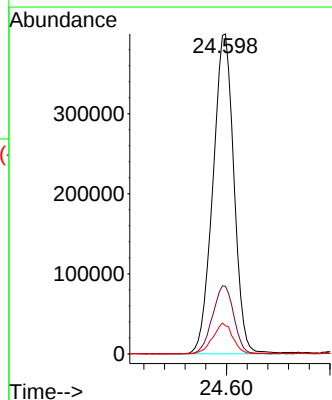
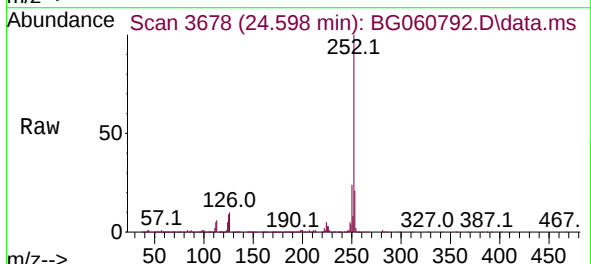
Manual Integrations
APPROVED

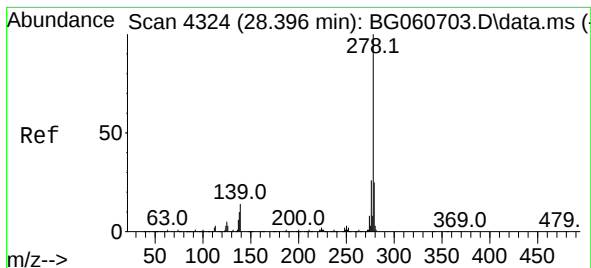
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#90
Benzo(a)pyrene
Concen: 39.864 ng
RT: 24.598 min Scan# 3678
Delta R.T. -0.003 min
Lab File: BG060792.D
Acq: 5 Apr 2024 12:19

Tgt Ion:252 Resp: 1125762
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 8.8 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 40.138 ng

RT: 28.382 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG060792.D

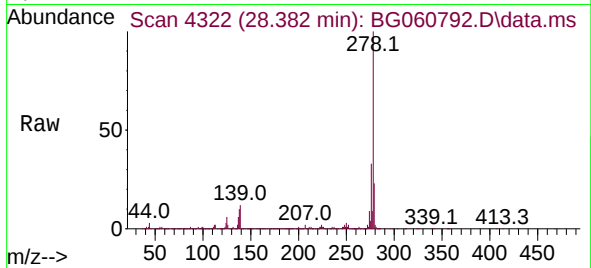
Acq: 5 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224MS



Tgt Ion:278 Resp: 1205234

Ion Ratio Lower Upper

278 100

139 12.2 11.1 16.7

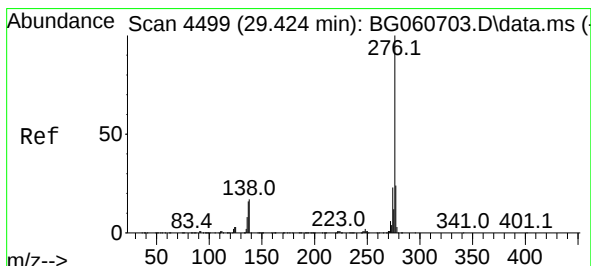
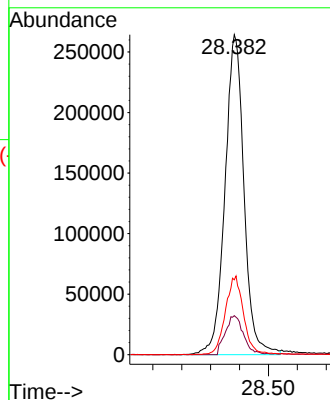
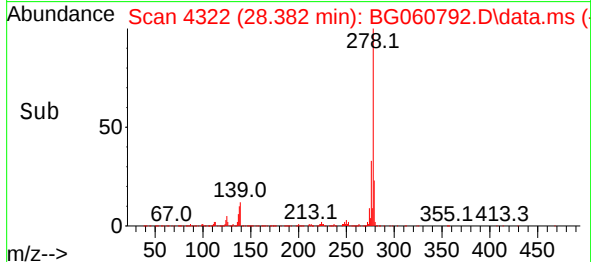
279 23.4 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#92

Benzo(g,h,i)perylene

Concen: 38.697 ng

RT: 29.422 min Scan# 4499

Delta R.T. -0.003 min

Lab File: BG060792.D

Acq: 5 Apr 2024 12:19

Tgt Ion:276 Resp: 1130317

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 15.5 14.0 21.0

