

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060891.D
 Acq On : 13 Apr 2024 13:06
 Operator : MA/JU
 Sample : PB160208BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:15:55 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	50120	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	205639	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	169043	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	418375	20.000	ng	0.00
76) Chrysene-d12	21.598	240	372491	20.000	ng	# 0.00
86) Perylene-d12	24.729	264	413390	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	354545	117.844	ng	0.00
7) Phenol-d6	7.120	99	503877	112.827	ng	0.00
23) Nitrobenzene-d5	9.106	82	321625	89.246	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	311752	162.463	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	870779	75.601	ng	-0.01
79) Terphenyl-d14	19.952	244	1685192	79.662	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	35136	28.485	ng	96
3) Pyridine	3.842	79	95920	25.780	ng	90
4) n-Nitrosodimethylamine	3.760	42	83696	37.632	ng	91
6) Aniline	7.273	93	122198	21.668	ng	98
8) 2-Chlorophenol	7.520	128	144448	42.350	ng	95
9) Benzaldehyde	7.085	77	21220m	8.617	ng	
10) Phenol	7.144	94	191938	42.113	ng	97
11) bis(2-Chloroethyl)ether	7.373	93	128683	34.970	ng	99
12) 1,3-Dichlorobenzene	7.843	146	137699	38.821	ng	99
13) 1,4-Dichlorobenzene	7.984	146	147087	40.646	ng	99
14) 1,2-Dichlorobenzene	8.301	146	141774	39.978	ng	97
15) Benzyl Alcohol	8.184	79	142932	39.511	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.472	45	313926	37.802	ng	99
17) 2-Methylphenol	8.395	107	130646	37.971	ng	98
18) Hexachloroethane	9.030	117	50755	39.491	ng	# 87
19) n-Nitroso-di-n-propyla...	8.754	70	120646	35.425	ng	# 97
20) 3+4-Methylphenols	8.719	107	180876	38.389	ng	95
22) Acetophenone	8.766	105	228177	40.241	ng	# 98
24) Nitrobenzene	9.147	77	164370	41.381	ng	96
25) Isophorone	9.670	82	316265	38.102	ng	100
26) 2-Nitrophenol	9.858	139	76322	53.149	ng	# 88
27) 2,4-Dimethylphenol	9.923	122	108759	32.618	ng	97
28) bis(2-Chloroethoxy)met...	10.158	93	182382	37.217	ng	98
29) 2,4-Dichlorophenol	10.399	162	146698	47.911	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	151556	43.713	ng	97
31) Naphthalene	10.798	128	429344	38.597	ng	98
32) Benzoic acid	10.064	122	106504	48.007	ng	98
33) 4-Chloroaniline	10.898	127	79898	15.464	ng	96
34) Hexachlorobutadiene	11.086	225	108024	46.750	ng	98
35) Caprolactam	11.668	113	51154m	42.182	ng	
36) 4-Chloro-3-methylphenol	12.032	107	175960	44.986	ng	98
37) 2-Methylnaphthalene	12.408	142	314505	38.457	ng	99
38) 1-Methylnaphthalene	12.626	142	296617	38.393	ng	99
40) 1,2,4,5-Tetrachloroben...	12.773	216	210140	43.240	ng	99
41) Hexachlorocyclopentadiene	12.755	237	227737	92.160	ng	100
43) 2,4,6-Trichlorophenol	13.014	196	149873	47.894	ng	94

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QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

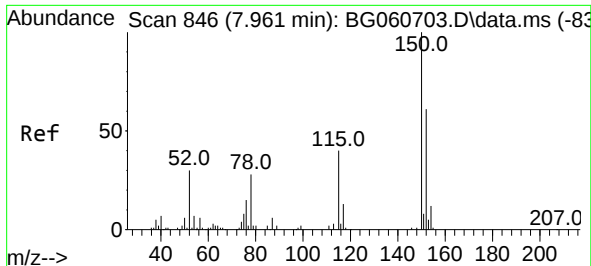
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	164397	44.022	ng	96
46) 1,1'-Biphenyl	13.419	154	461413	38.644	ng	98
47) 2-Chloronaphthalene	13.460	162	363162	40.032	ng	99
48) 2-Nitroaniline	13.654	65	140616	47.839	ng	98
49) Acenaphthylene	14.306	152	619449	40.639	ng	100
50) Dimethylphthalate	14.042	163	513783	38.453	ng	100
51) 2,6-Dinitrotoluene	14.153	165	105969	44.566	ng	96
52) Acenaphthene	14.647	154	425424m	44.452	ng	
53) 3-Nitroaniline	14.482	138	72416	28.806	ng	# 98
54) 2,4-Dinitrophenol	14.688	184	139471	149.965	ng	88
55) Dibenzofuran	14.982	168	578220	38.303	ng	97
56) 4-Nitrophenol	14.800	139	191101	97.836	ng	95
57) 2,4-Dinitrotoluene	14.941	165	155295	49.710	ng	94
58) Fluorene	15.634	166	477216	39.389	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.205	232	160319	49.261	ng	95
60) Diethylphthalate	15.411	149	517082	38.466	ng	97
61) 4-Chlorophenyl-phenyle...	15.628	204	260722	40.676	ng	95
62) 4-Nitroaniline	15.646	138	116064	47.511	ng	94
63) Azobenzene	15.922	77	483002	36.873	ng	96
65) 4,6-Dinitro-2-methylph...	15.710	198	98504	55.725	ng	99
66) n-Nitrosodiphenylamine	15.840	169	449699	37.614	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	183396	43.193	ng	97
68) Hexachlorobenzene	16.639	284	210548	43.927	ng	98
69) Atrazine	16.791	200	180841	43.255	ng	97
70) Pentachlorophenol	16.979	266	282181	90.225	ng	97
71) Phenanthrene	17.373	178	834311	38.344	ng	99
72) Anthracene	17.467	178	849142	38.427	ng	98
73) Carbazole	17.732	167	749747	38.482	ng	99
74) Di-n-butylphthalate	18.307	149	892080	36.726	ng	100
75) Fluoranthene	19.383	202	1027045	38.899	ng	97
77) Benzidine	19.565	184	213467	21.763	ng	97
78) Pyrene	19.747	202	1046610	40.175	ng	99
80) Butylbenzylphthalate	20.646	149	387855	40.813	ng	97
81) Benzo(a)anthracene	21.574	228	1047080	39.879	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	254471	28.703	ng	98
83) Chrysene	21.645	228	983556	38.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	556119	36.715	ng	# 97
85) Di-n-octyl phthalate	22.702	149	965255	39.118	ng	100
87) Indeno(1,2,3-cd)pyrene	28.301	276	1254237	43.085	ng	97
88) Benzo(b)fluoranthene	23.742	252	1022766	43.065	ng	98
89) Benzo(k)fluoranthene	23.813	252	1007251m	41.437	ng	
90) Benzo(a)pyrene	24.588	252	947974	41.074	ng	98
91) Dibenzo(a,h)anthracene	28.378	278	1032106	42.058	ng	# 96
92) Benzo(g,h,i)perylene	29.418	276	955993	40.047	ng	96

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

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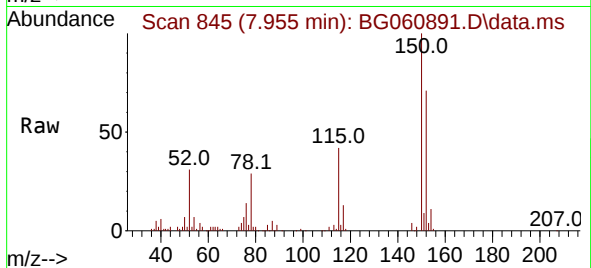
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

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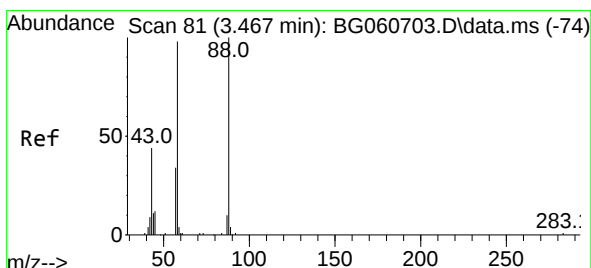
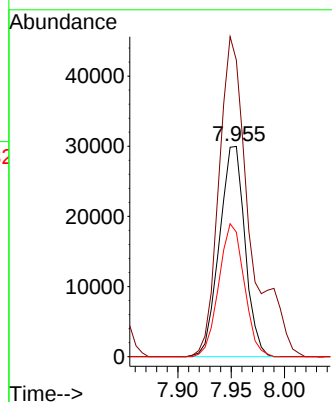
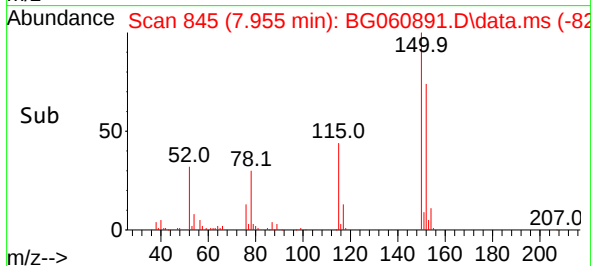
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Ion Ratio Lower Upper
152 100
150 141.0 130.2 195.4
115 59.2 51.6 77.4

Manual Integrations

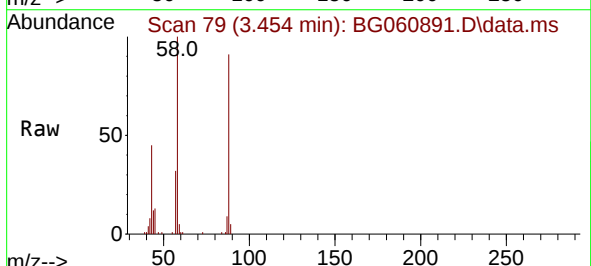
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

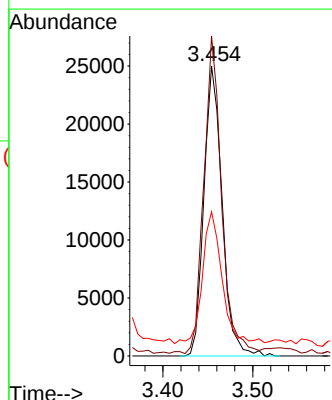
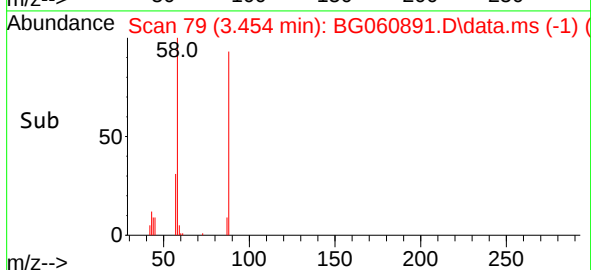
Supervised By :mohammad ahmed 04/17/2024

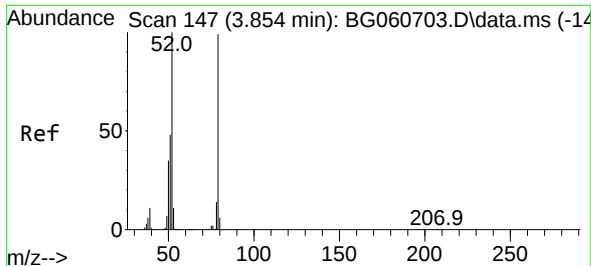


#2
1,4-Dioxane
Concen: 28.485 ng
RT: 3.454 min Scan# 79
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion: 88 Resp: 35136
Ion Ratio Lower Upper
88 100
58 103.8 80.9 121.3
43 48.6 35.4 53.0





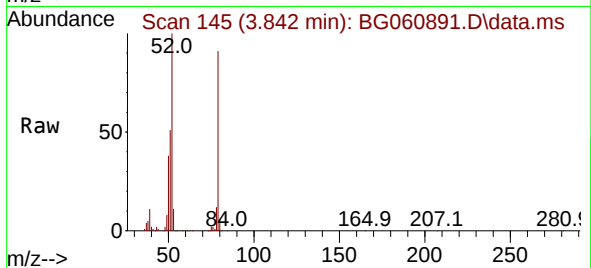
#3
 Pyridine
 Concen: 25.780 ng
 RT: 3.842 min Scan# 147
 Delta R.T. -0.013 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06

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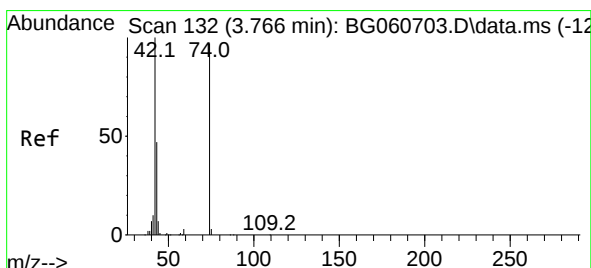
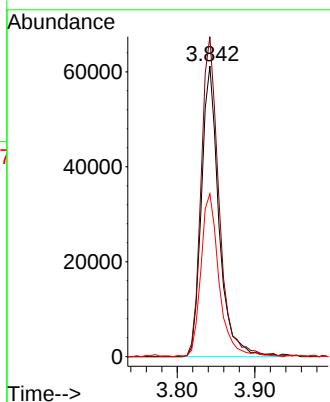
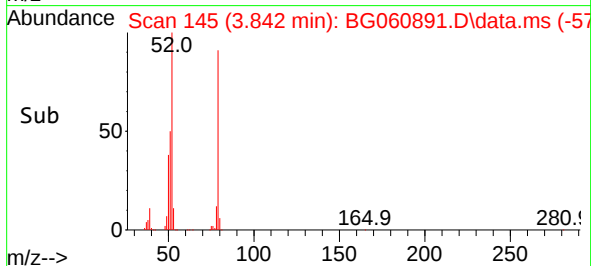
Tgt Ion: 79 Resp: 95920
 Ion Ratio Lower Upper
 79 100
 52 110.1 80.6 120.8
 51 56.1 39.1 58.7

Manual Integrations

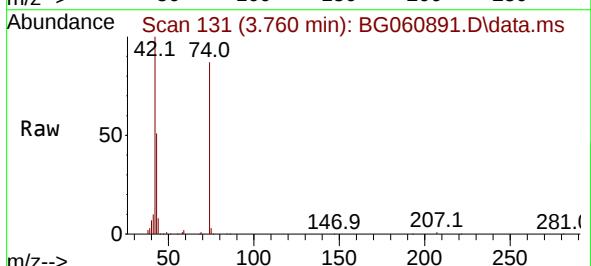
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

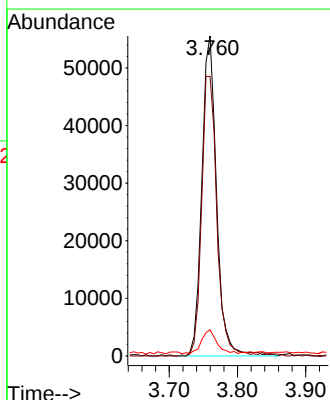
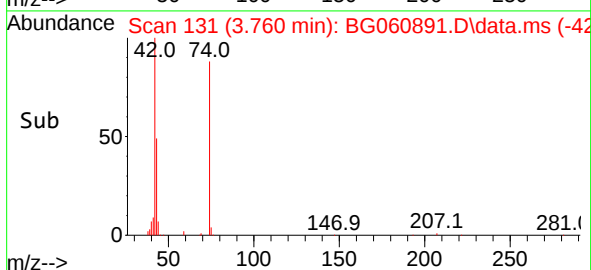
Supervised By :mohammad ahmed 04/17/2024

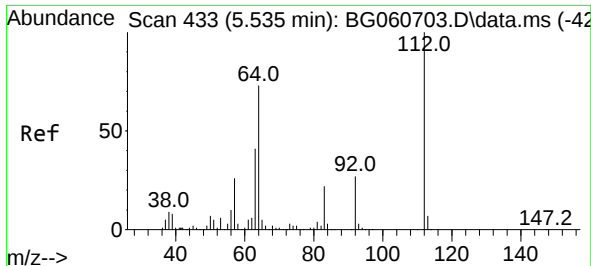


#4
 n-Nitrosodimethylamine
 Concen: 37.632 ng
 RT: 3.760 min Scan# 131
 Delta R.T. -0.007 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06



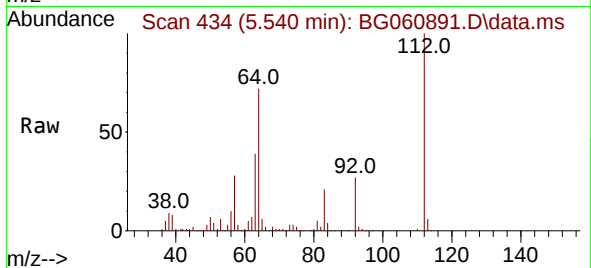
Tgt Ion: 42 Resp: 83696
 Ion Ratio Lower Upper
 42 100
 74 87.4 77.8 116.8
 44 8.2 6.8 10.2





#5
2-Fluorophenol
Concen: 117.844 ng
RT: 5.540 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

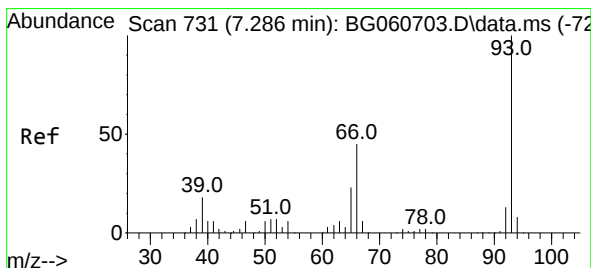
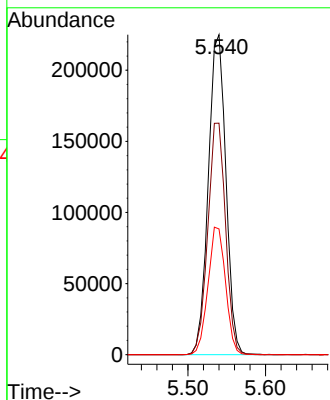
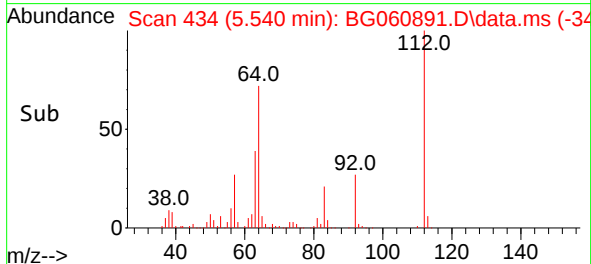
Instrument :
BNA_G
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PB160208BS



Tgt Ion:112 Resp: 354549
Ion Ratio Lower Upper
112 100
64 72.4 58.4 87.6
63 39.3 32.7 49.1

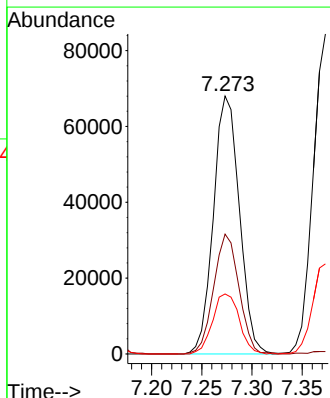
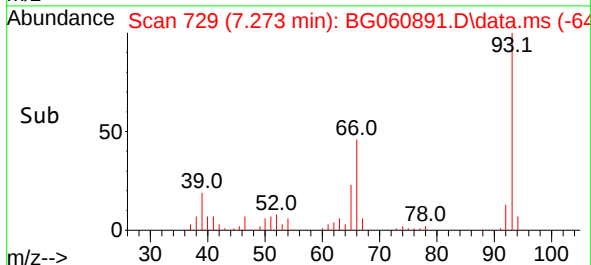
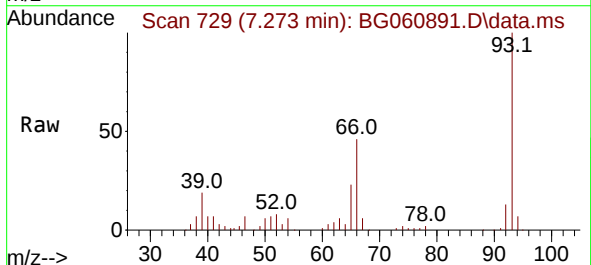
Manual Integrations
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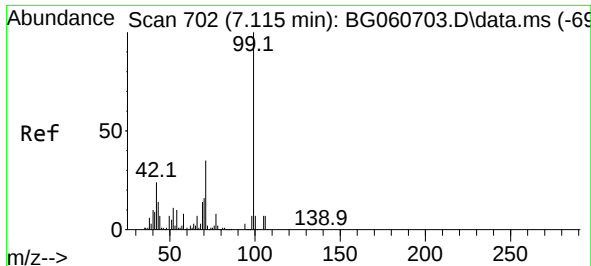
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#6
Aniline
Concen: 21.668 ng
RT: 7.273 min Scan# 729
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

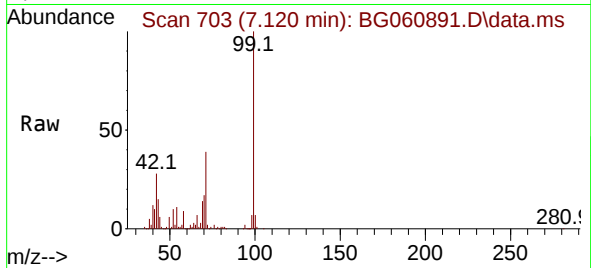
Tgt Ion: 93 Resp: 122198
Ion Ratio Lower Upper
93 100
66 46.5 36.1 54.1
65 23.3 18.1 27.1





#7
Phenol-d6
Concen: 112.827 ng
RT: 7.120 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

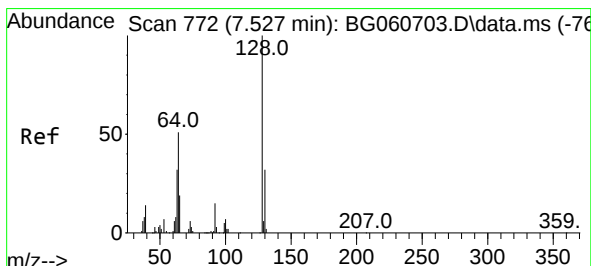
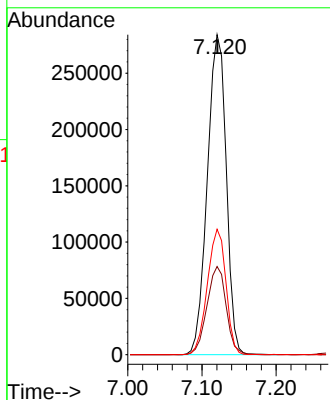
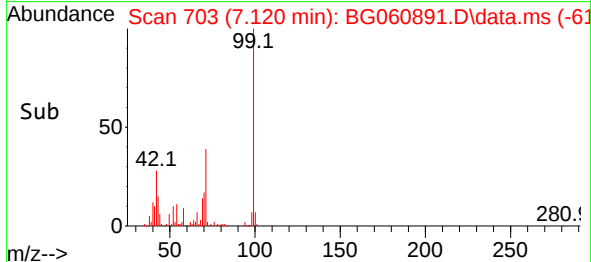
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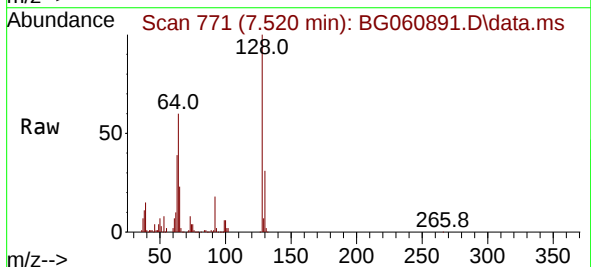
Tgt Ion: 99 Resp: 50387
Ion Ratio Lower Upper
99 100
42 27.5 19.4 29.2
71 39.2 28.2 42.2

Manual Integrations
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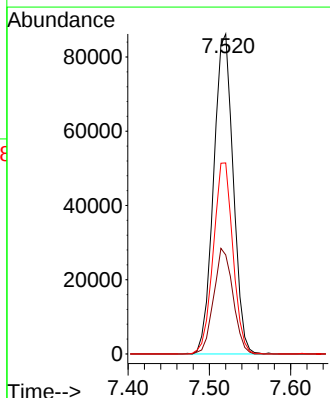
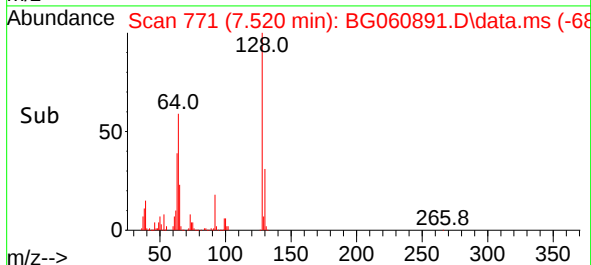
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

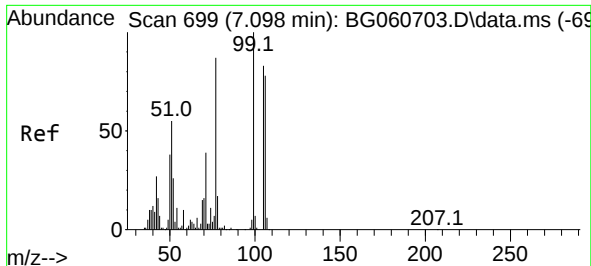


#8
2-Chlorophenol
Concen: 42.350 ng
RT: 7.520 min Scan# 771
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:128 Resp: 144448
Ion Ratio Lower Upper
128 100
130 31.0 12.3 52.3
64 59.7 35.0 75.0





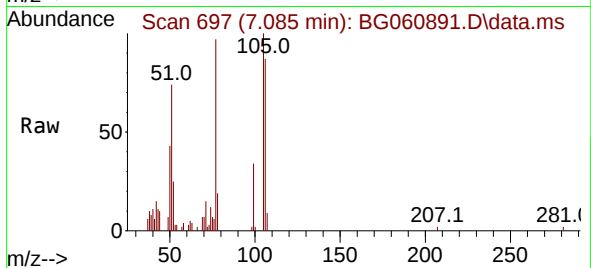
#9
Benzaldehyde
Concen: 8.617 ng m
RT: 7.085 min Scan# 699
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

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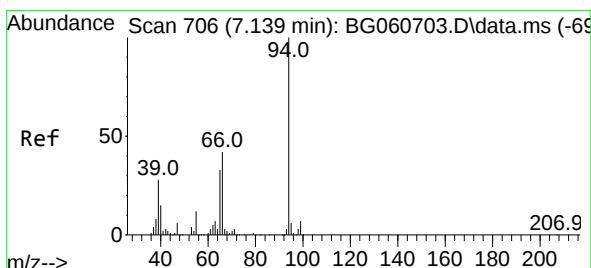
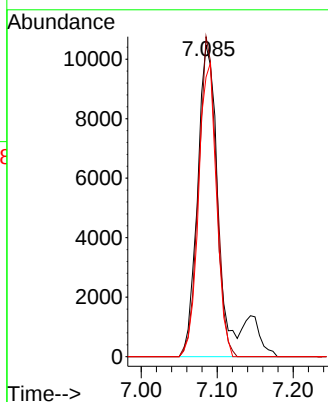
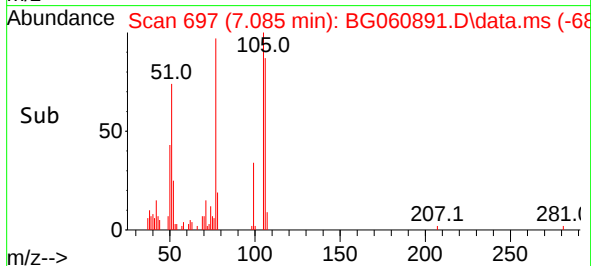
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Ion Ratio Lower Upper
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105 102.7 76.0 116.0
106 89.7 70.3 110.3

Manual Integrations

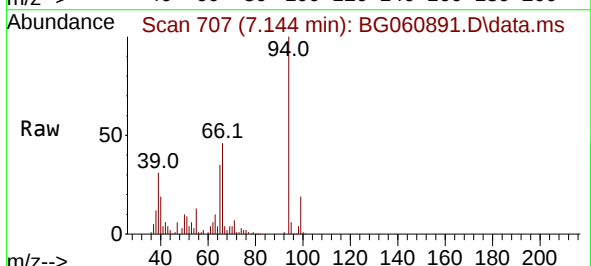
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

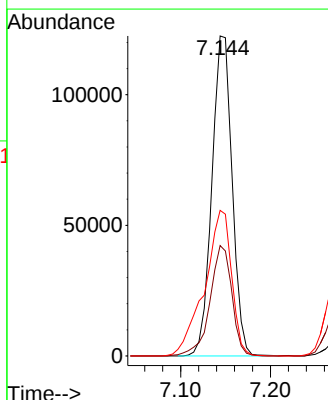
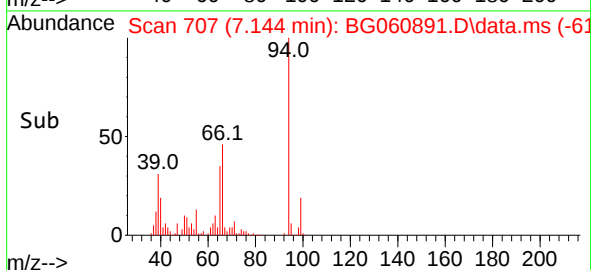
Supervised By :mohammad ahmed 04/17/2024

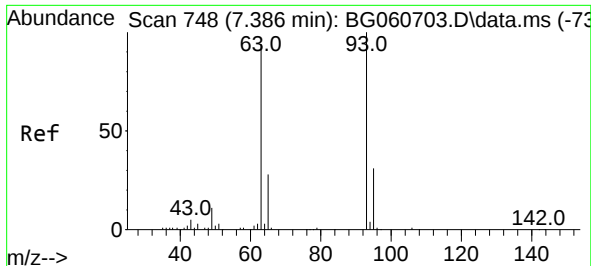


#10
Phenol
Concen: 42.113 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion: 94 Resp: 191938
Ion Ratio Lower Upper
94 100
65 34.5 13.3 53.3
66 45.5 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 34.970 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

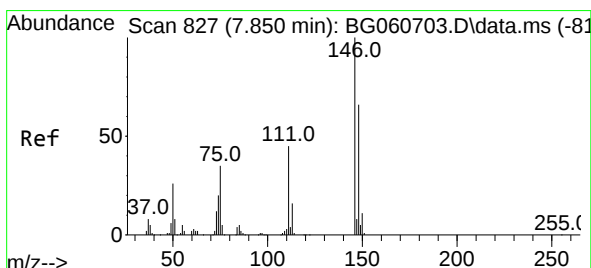
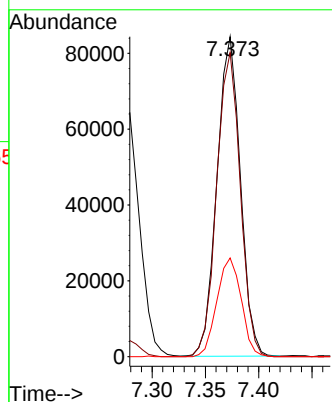
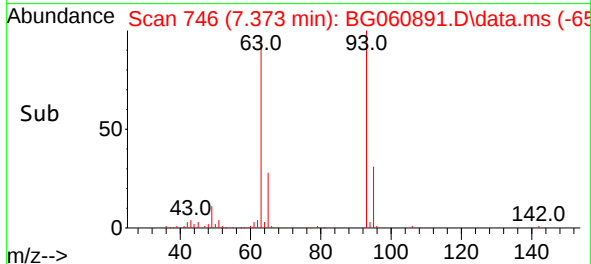
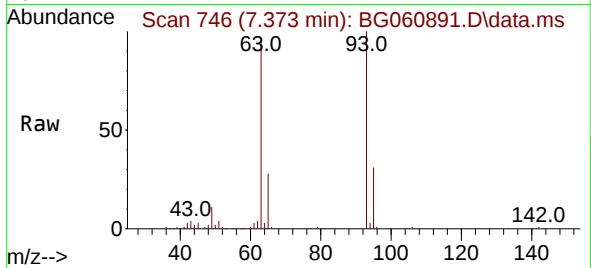
ClientSampleId :

PB160208BS

Tgt Ion: 93 Resp: 12868
Ion Ratio Lower Upper
93 100
63 95.1 73.7 113.7
95 30.8 11.2 51.2

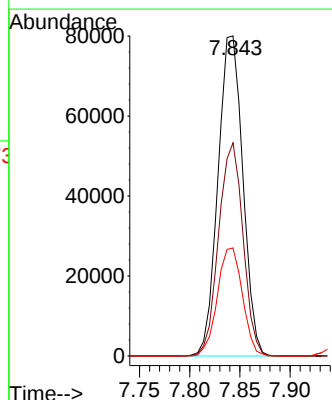
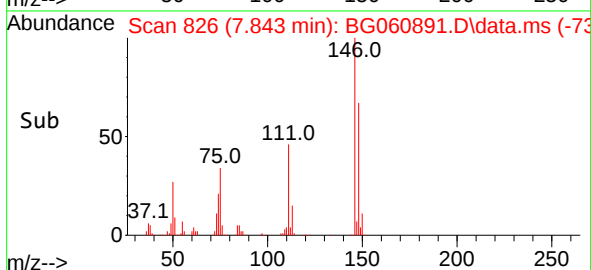
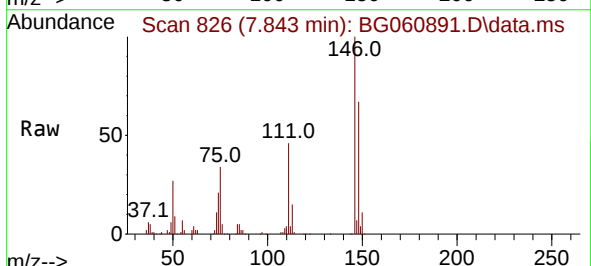
Manual Integrations
APPROVED

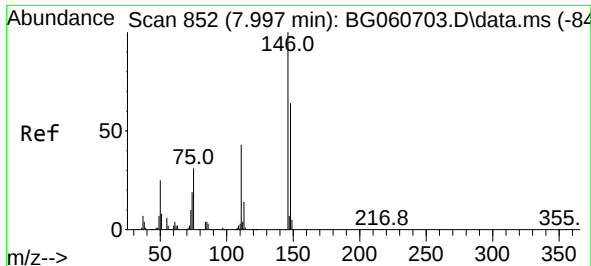
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#12
1,3-Dichlorobenzene
Concen: 38.821 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:146 Resp: 137699
Ion Ratio Lower Upper
146 100
148 66.6 53.0 79.4
75 33.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 40.646 ng

RT: 7.984 min Scan# 81

Delta R.T. -0.013 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Tgt Ion:146 Resp: 14708

Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

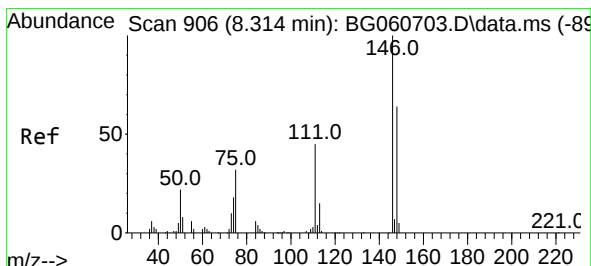
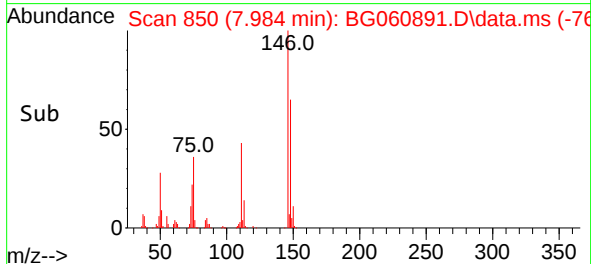
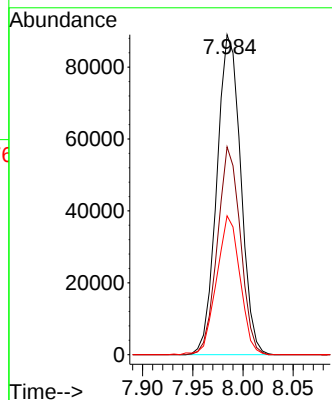
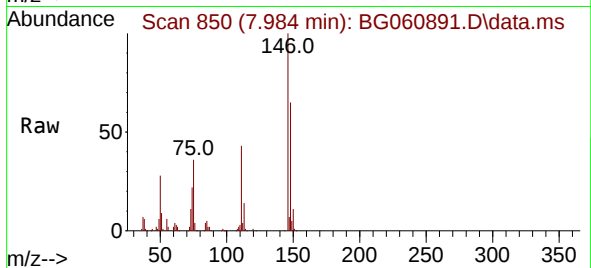
111 43.4 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 39.978 ng

RT: 8.301 min Scan# 904

Delta R.T. -0.013 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

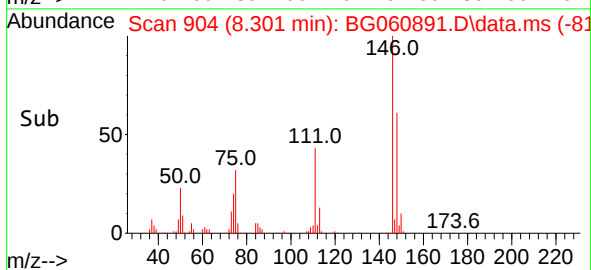
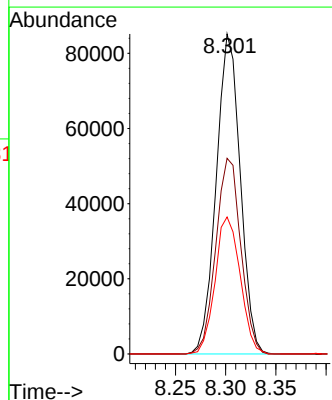
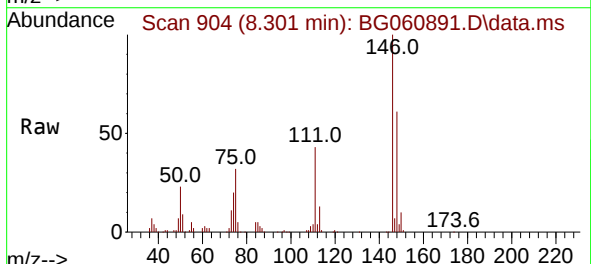
Tgt Ion:146 Resp: 141774

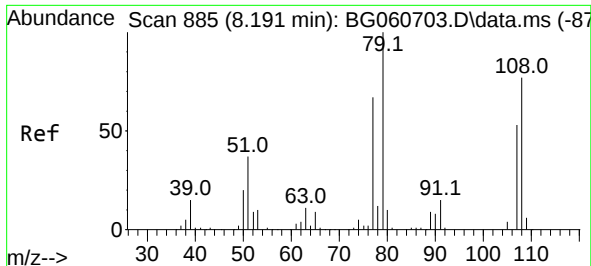
Ion Ratio Lower Upper

146 100

148 61.2 51.0 76.6

111 42.8 36.0 54.0





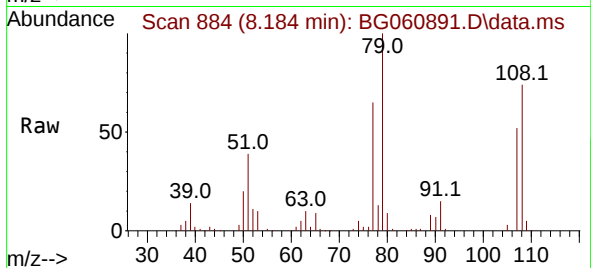
#15
Benzyl Alcohol
Concen: 39.511 ng
RT: 8.184 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

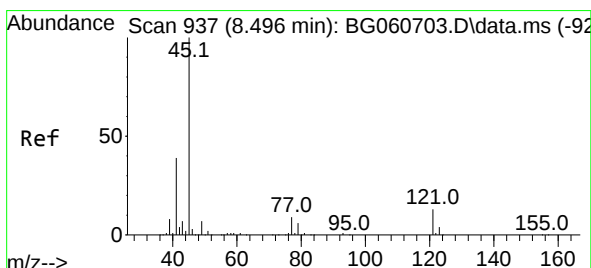
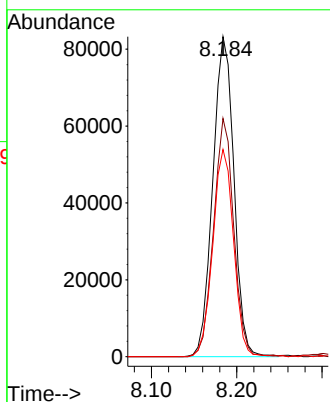
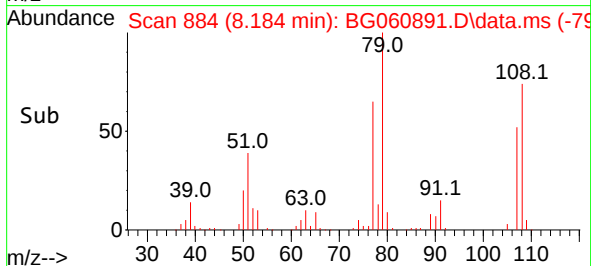
PB160208BS



Tgt Ion: 79 Resp: 142932
Ion Ratio Lower Upper
79 100
108 74.4 61.4 92.0
77 64.8 53.6 80.4

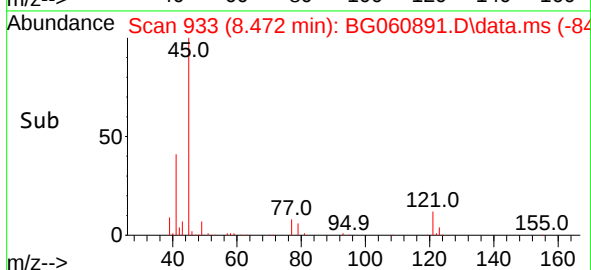
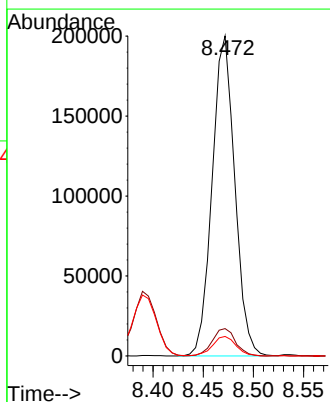
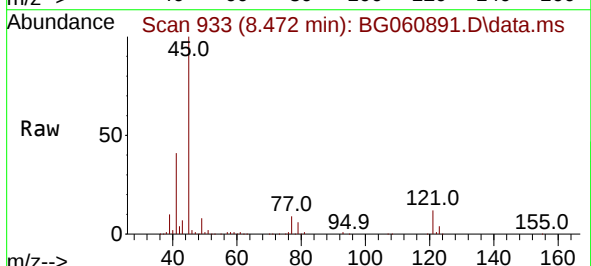
Manual Integrations
APPROVED

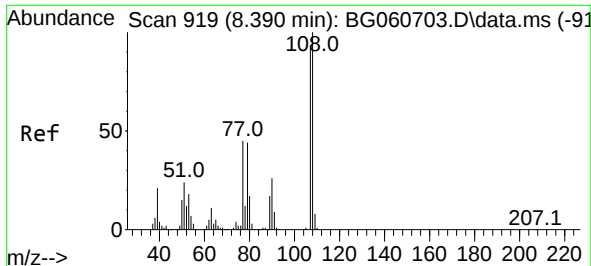
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.802 ng
RT: 8.472 min Scan# 933
Delta R.T. -0.024 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion: 45 Resp: 313926
Ion Ratio Lower Upper
45 100
77 8.5 0.0 29.1
79 6.1 0.0 26.5





#17
2-Methylphenol
Concen: 37.971 ng
RT: 8.395 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

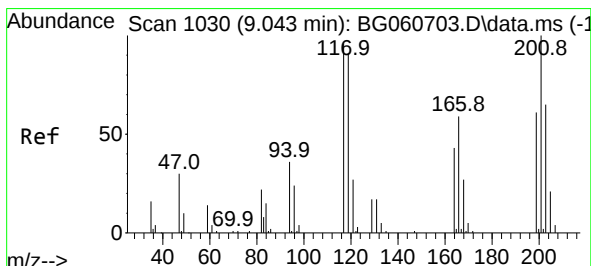
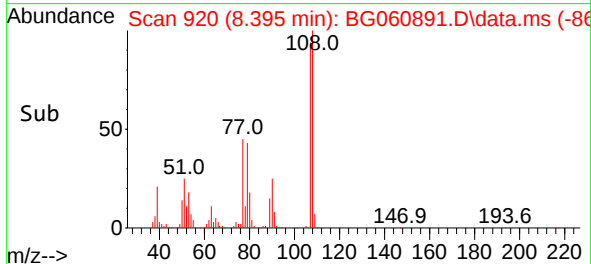
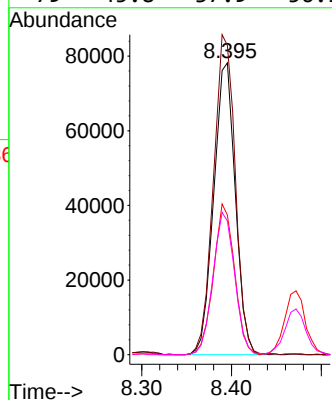
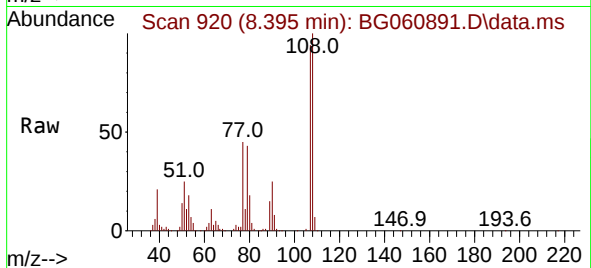
PB160208BS

Tgt Ion:107 Resp: 130640
Ion Ratio Lower Upper
107 100
108 105.9 86.4 129.6
77 47.8 38.6 58.0
79 45.8 37.9 56.9

Manual Integrations

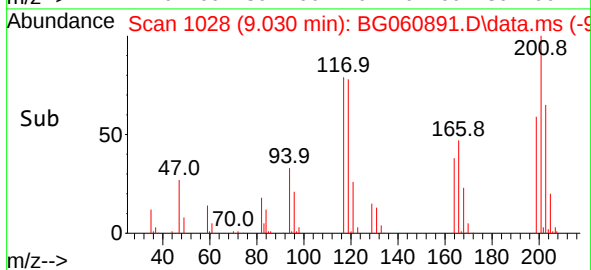
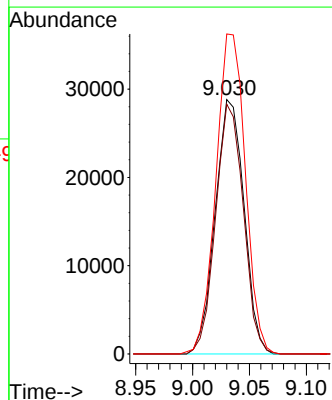
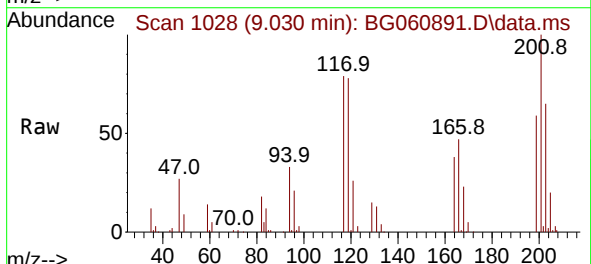
APPROVED

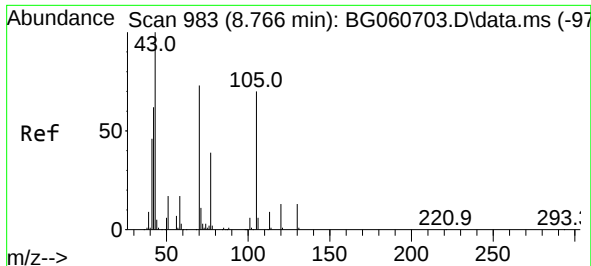
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 39.491 ng
RT: 9.030 min Scan# 1028
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:117 Resp: 50755
Ion Ratio Lower Upper
117 100
119 98.2 75.7 113.5
201 125.8 83.4 125.2#





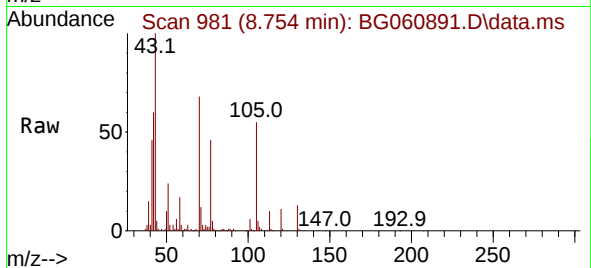
#19
n-Nitroso-di-n-propylamine
Concen: 35.425 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



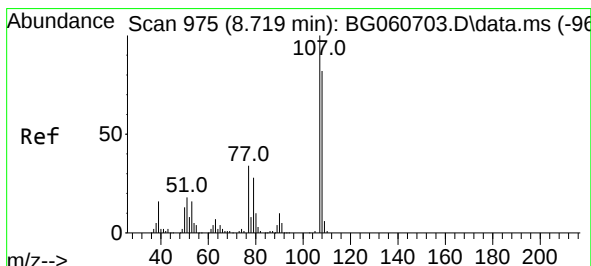
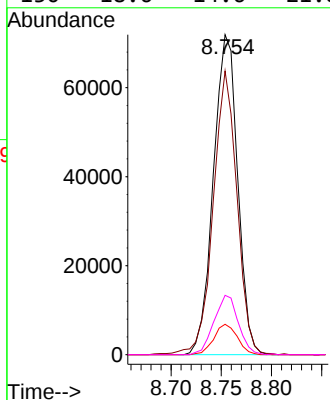
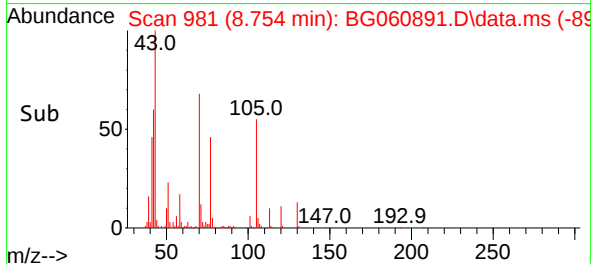
Tgt Ion: 70 Resp: 120640
Ion Ratio Lower Upper
70 100
42 88.7 68.4 102.6
101 9.5 6.1 9.1
130 18.6 14.6 21.8

Manual Integrations

APPROVED

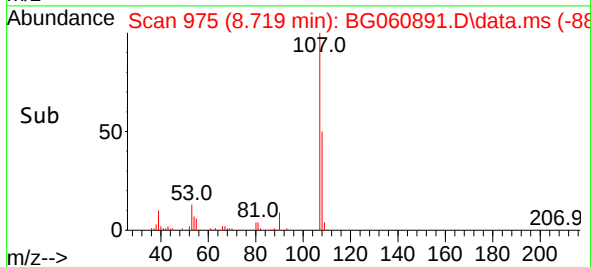
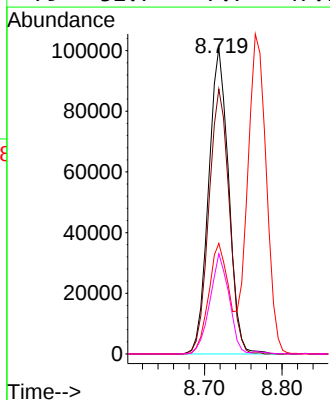
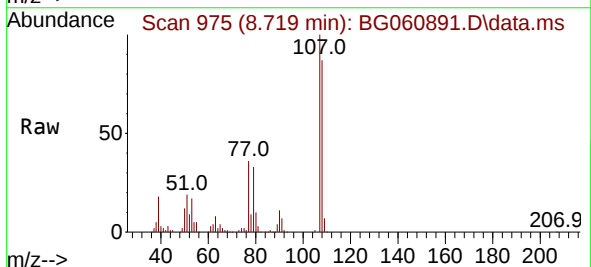
Reviewed By :Yogesh Patel 04/16/2024

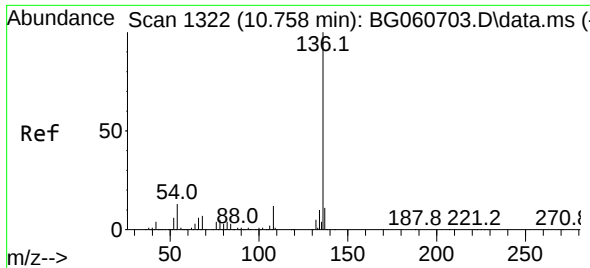
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 38.389 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:107 Resp: 180876
Ion Ratio Lower Upper
107 100
108 86.5 62.2 102.2
77 36.1 14.1 54.1
79 32.7 7.7 47.7





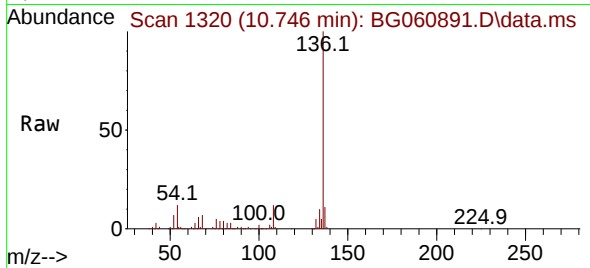
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

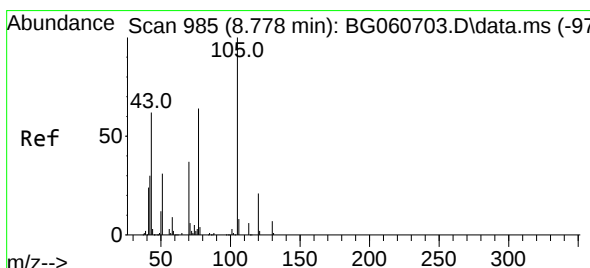
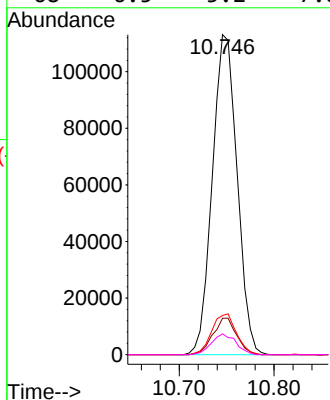
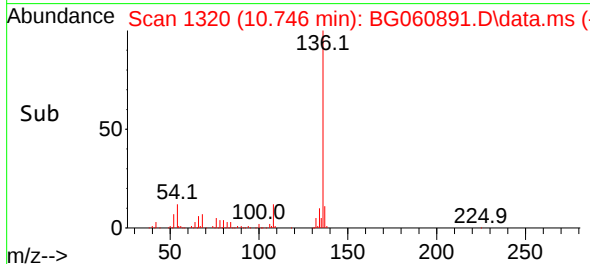


Tgt Ion:136 Resp: 205639
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 12.3 10.2 15.2
68 6.5 5.2 7.8

Manual Integrations

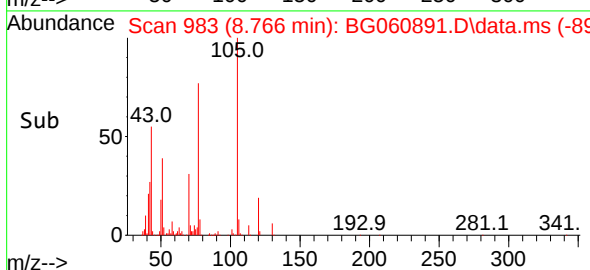
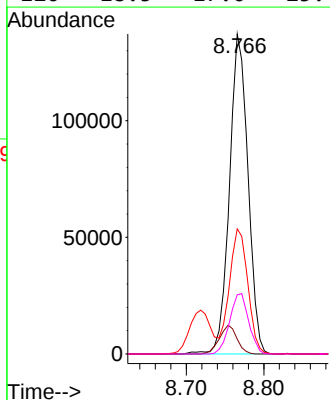
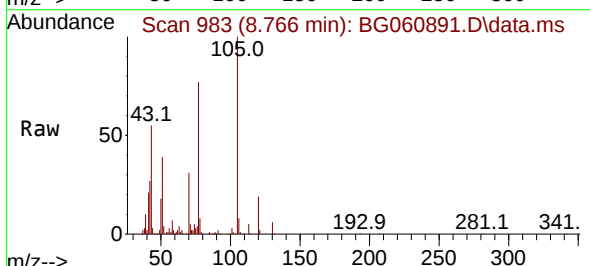
APPROVED

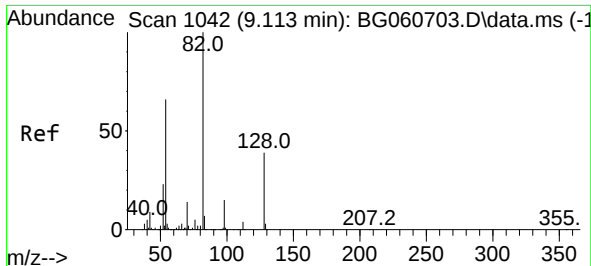
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 40.241 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:105 Resp: 228177
Ion Ratio Lower Upper
105 100
71 4.7 4.9 7.3#
51 39.1 31.1 46.7
120 18.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 89.246 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

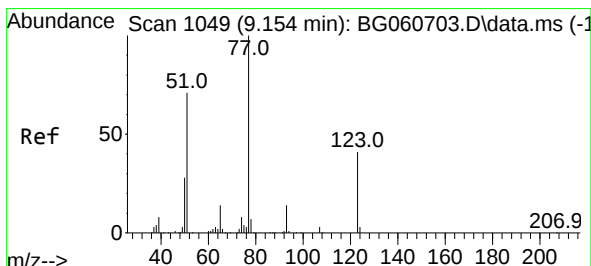
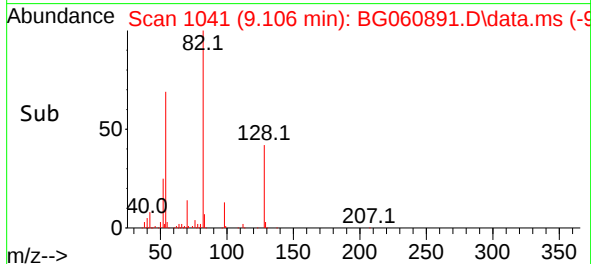
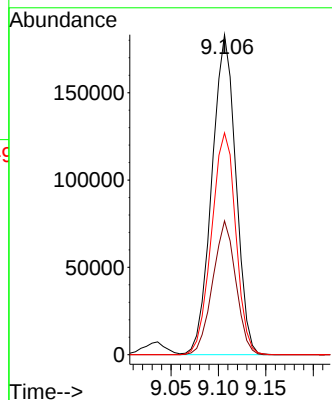
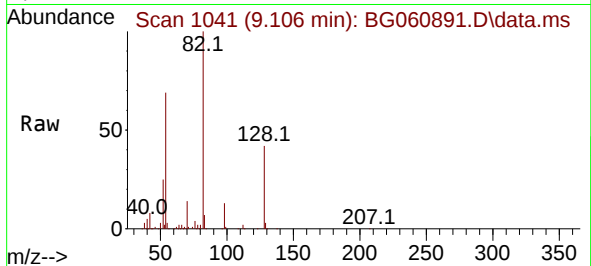
ClientSampleId :

PB160208BS

Tgt Ion: 82 Resp: 321629
Ion Ratio Lower Upper
82 100
128 41.8 31.2 46.8
54 69.3 53.2 79.8

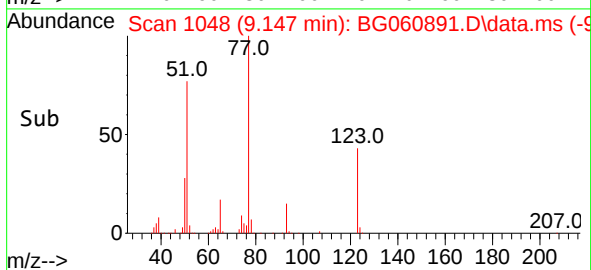
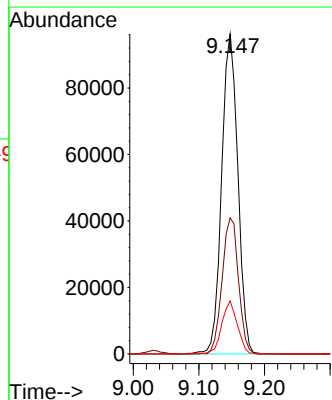
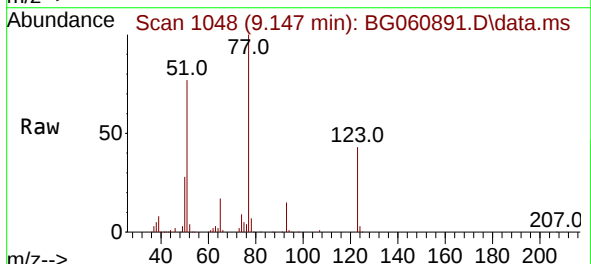
Manual Integrations
APPROVED

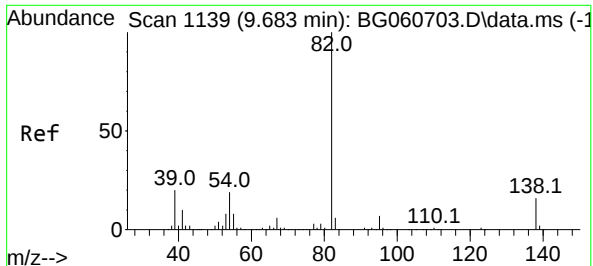
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#24
Nitrobenzene
Concen: 41.381 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion: 77 Resp: 164370
Ion Ratio Lower Upper
77 100
123 42.5 32.7 49.1
65 16.6 11.3 16.9





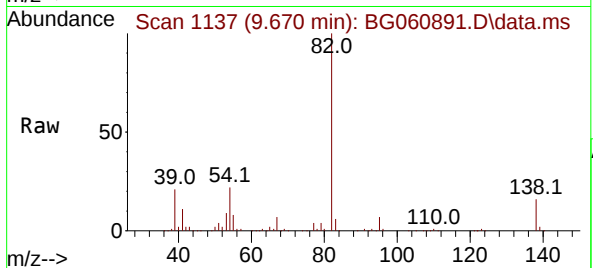
#25
Isophorone
Concen: 38.102 ng
RT: 9.670 min Scan# 1137
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



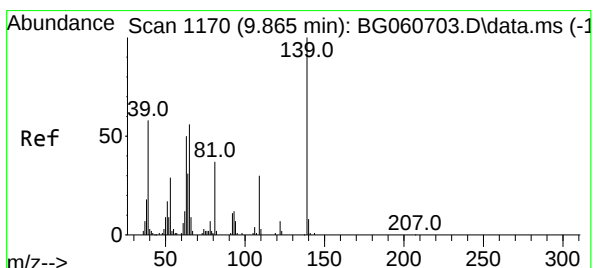
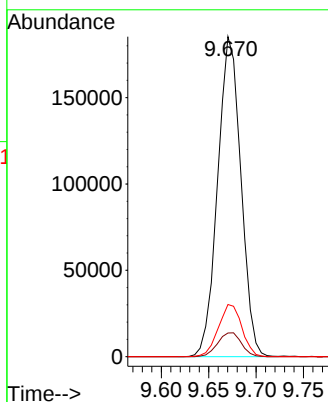
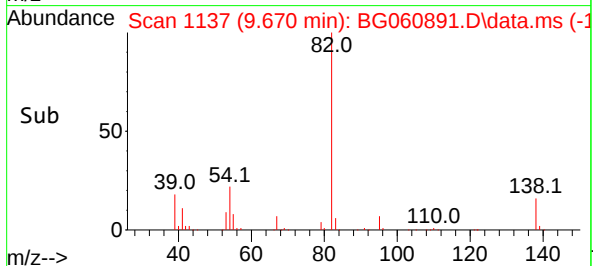
Tgt Ion: 82 Resp: 31626
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.3 13.0 19.4

Manual Integrations

APPROVED

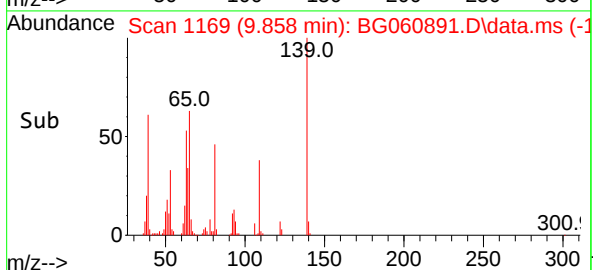
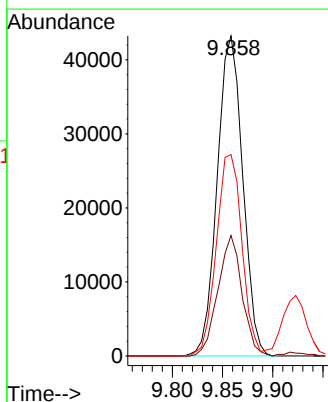
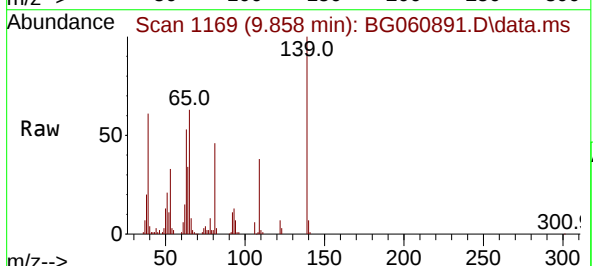
Reviewed By :Yogesh Patel 04/16/2024

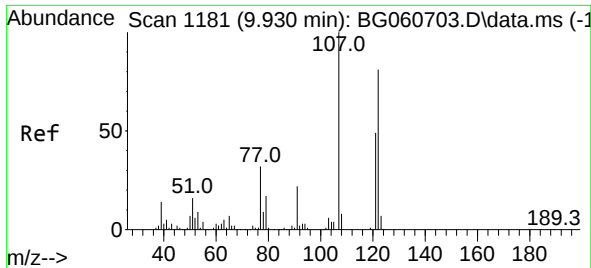
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 53.149 ng
RT: 9.858 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:139 Resp: 76322
Ion Ratio Lower Upper
139 100
109 37.6 23.9 35.9#
65 63.0 44.5 66.7





#27
2,4-Dimethylphenol
Concen: 32.618 ng
RT: 9.923 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

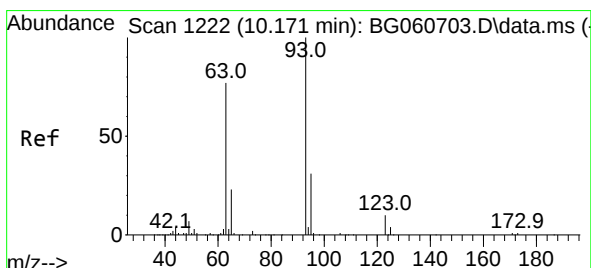
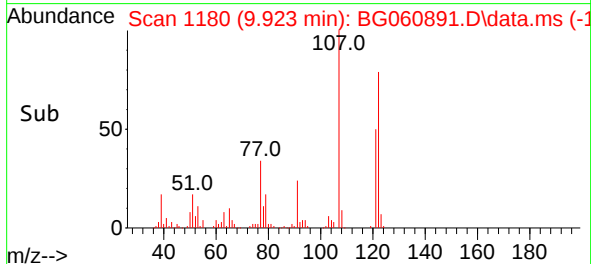
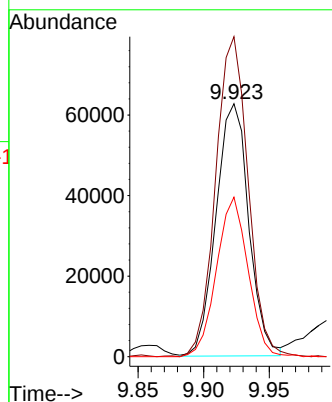
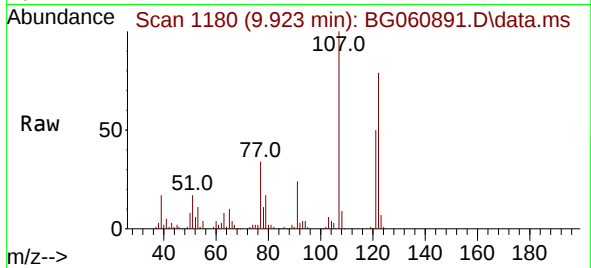
Tgt Ion:122 Resp: 108759
Ion Ratio Lower Upper
122 100
107 126.5 98.6 147.8
121 63.1 48.1 72.1

Manual Integrations

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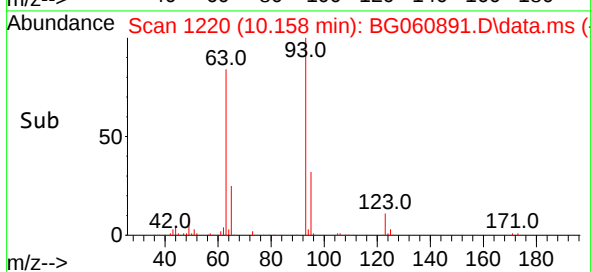
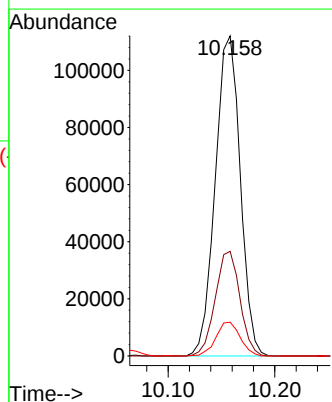
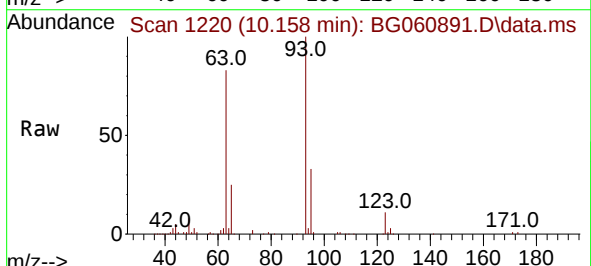
Reviewed By :Yogesh Patel 04/16/2024

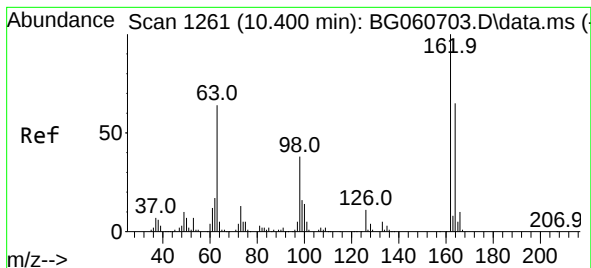
Supervised By :mohammad ahmed 04/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.217 ng
RT: 10.158 min Scan# 1220
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion: 93 Resp: 182382
Ion Ratio Lower Upper
93 100
95 32.7 25.1 37.7
123 10.6 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 47.911 ng
RT: 10.399 min Scan# 1261
Delta R.T. -0.001 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

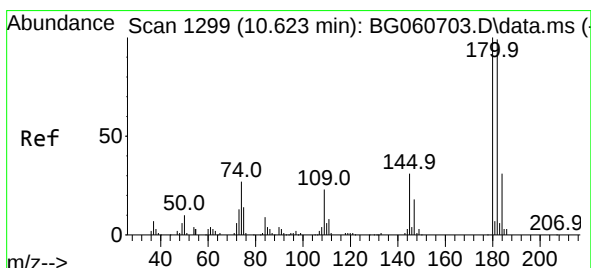
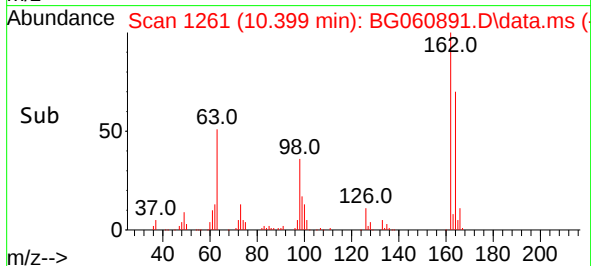
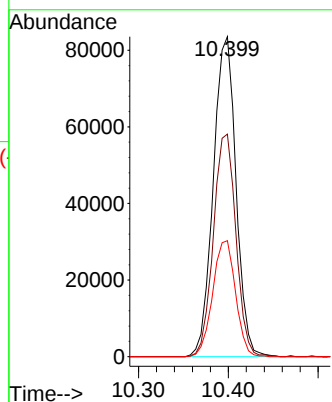
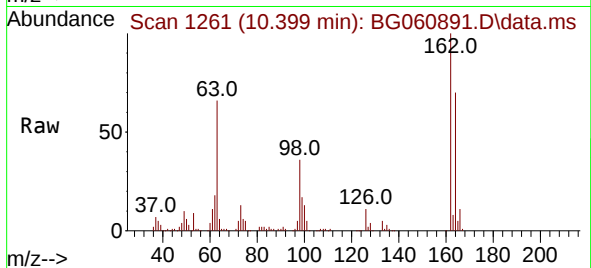
ClientSampleId :

PB160208BS

Tgt Ion:162 Resp: 146698
Ion Ratio Lower Upper
162 100
164 69.6 45.2 85.2
98 36.3 17.7 57.7

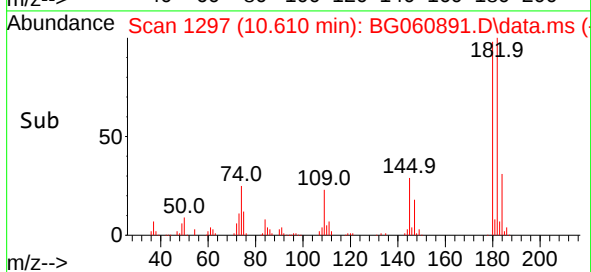
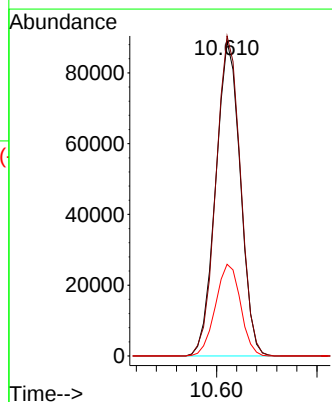
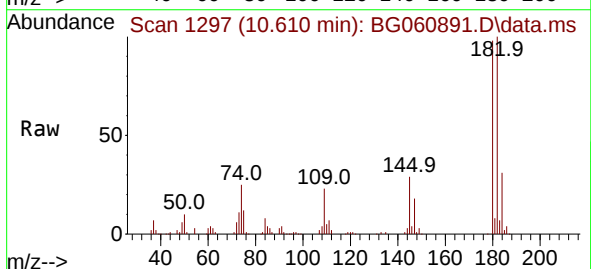
Manual Integrations
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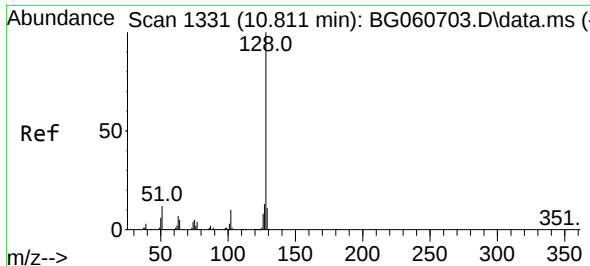
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.713 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:180 Resp: 151556
Ion Ratio Lower Upper
180 100
182 101.7 79.0 118.4
145 29.1 24.9 37.3





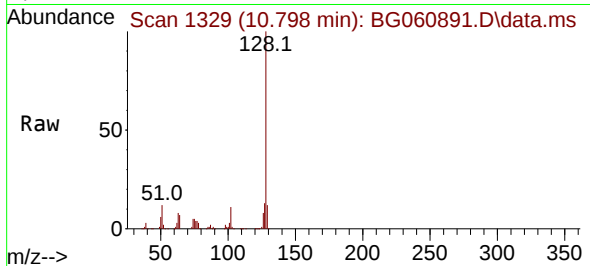
#31
Naphthalene
Concen: 38.597 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



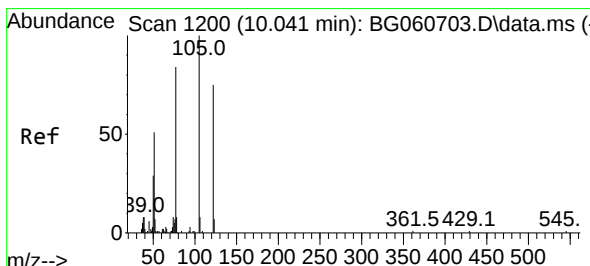
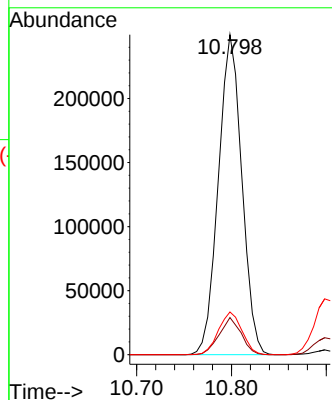
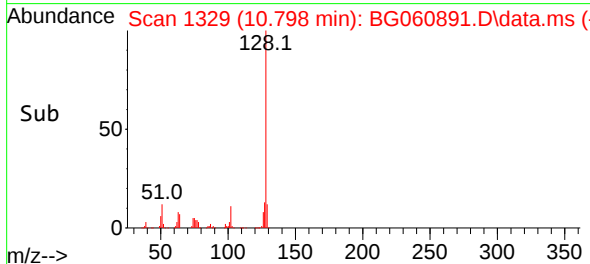
Tgt Ion:128 Resp: 429344
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.4 10.5 15.7

Manual Integrations

APPROVED

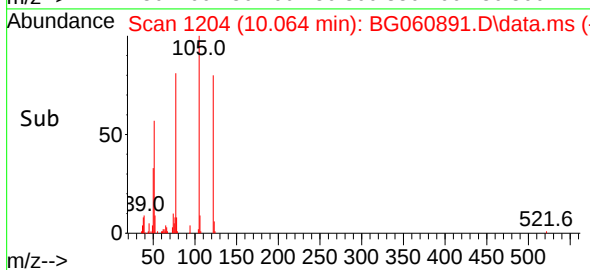
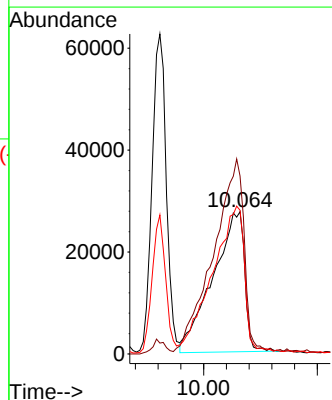
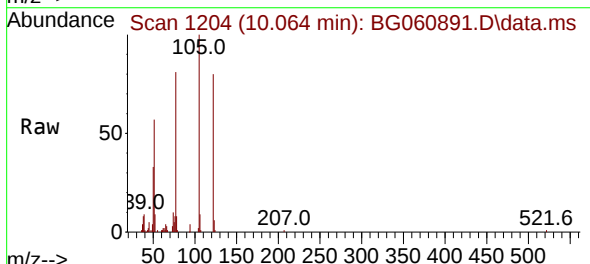
Reviewed By :Yogesh Patel 04/16/2024

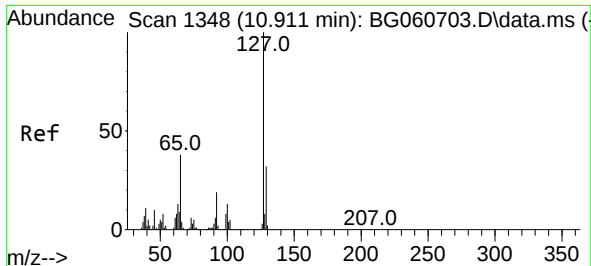
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 48.007 ng
RT: 10.064 min Scan# 1204
Delta R.T. 0.023 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:122 Resp: 106504
Ion Ratio Lower Upper
122 100
105 125.1 104.5 144.5
77 101.1 85.3 125.3





#33
4-Chloroaniline
Concen: 15.464 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

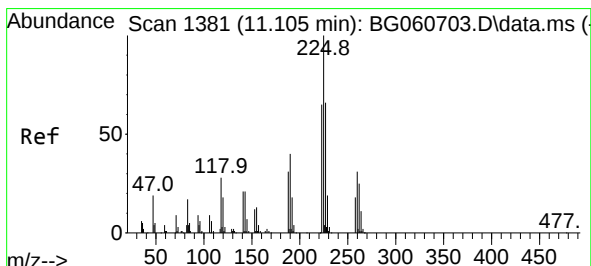
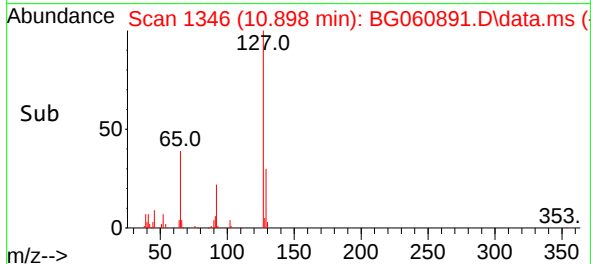
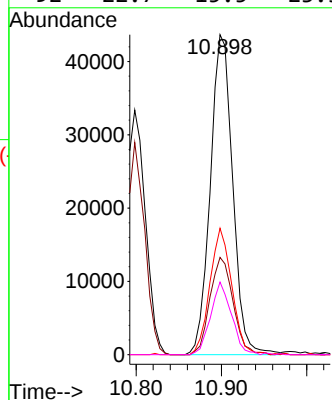
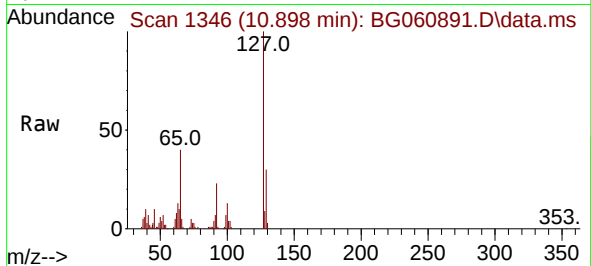
PB160208BS

Tgt Ion:127 Resp: 79898
Ion Ratio Lower Upper
127 100
129 30.4 25.3 37.9
65 39.5 30.2 45.2
92 22.7 15.5 23.3

Manual Integrations

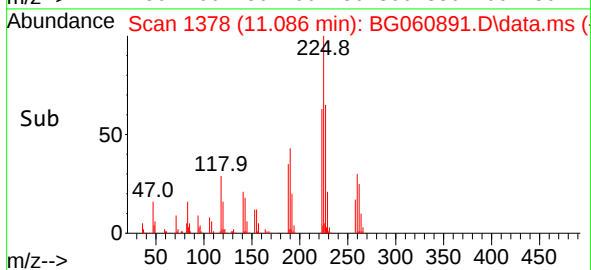
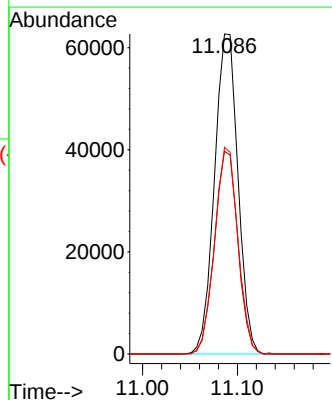
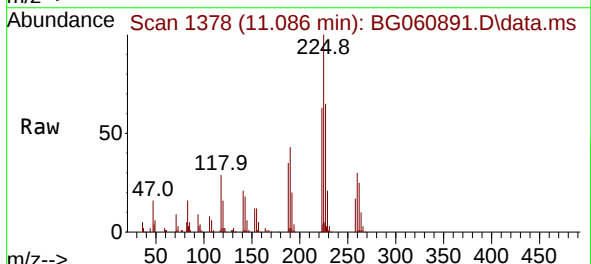
APPROVED

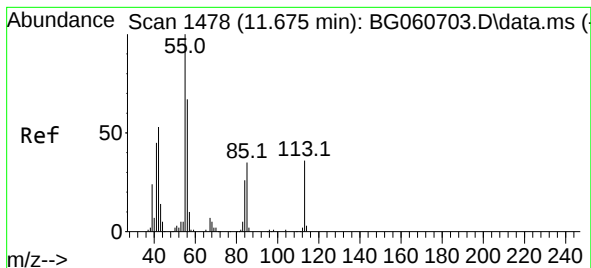
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 46.750 ng
RT: 11.086 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

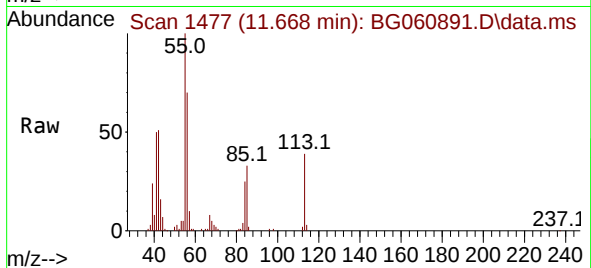
Tgt Ion:225 Resp: 108024
Ion Ratio Lower Upper
225 100
223 63.4 52.0 78.0
227 64.5 52.5 78.7





#35
 Caprolactam
 Concen: 42.182 ng m
 RT: 11.668 min Scan# 1478
 Delta R.T. -0.007 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06

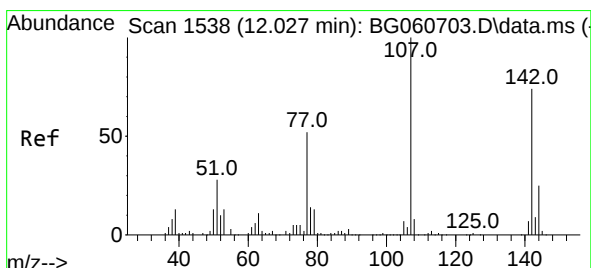
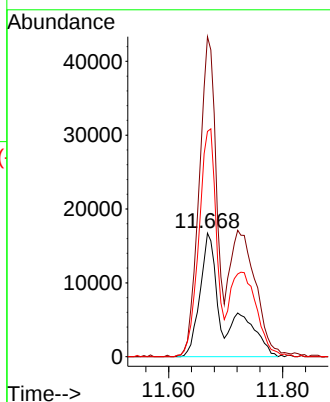
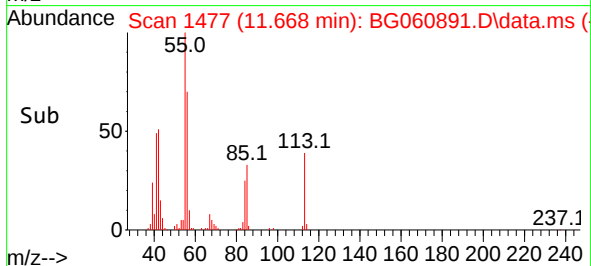
Instrument :
 BNA_G
 ClientSampleId :
 PB160208BS



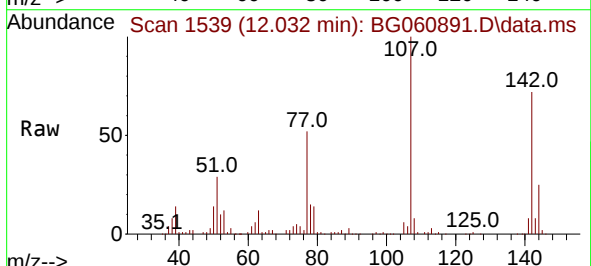
Tgt Ion:113 Resp: 51154
 Ion Ratio Lower Upper
 113 100
 55 259.1 258.0 298.0
 56 182.4 166.3 206.3

Manual Integrations
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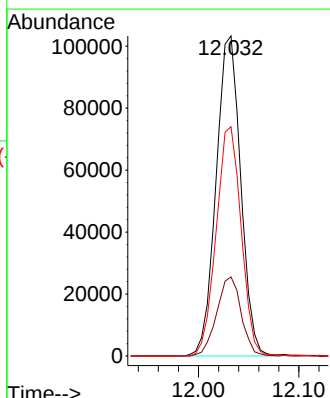
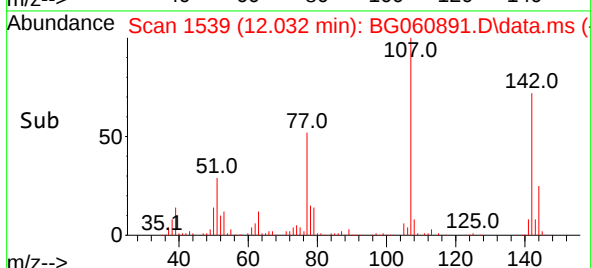
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

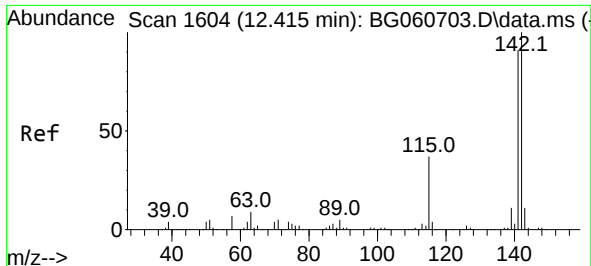


#36
 4-Chloro-3-methylphenol
 Concen: 44.986 ng
 RT: 12.032 min Scan# 1539
 Delta R.T. 0.005 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06



Tgt Ion:107 Resp: 175960
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 71.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.457 ng

RT: 12.408 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Tgt Ion:142 Resp: 31450

Ion Ratio Lower Upper

142 100

141 90.0 72.7 109.1

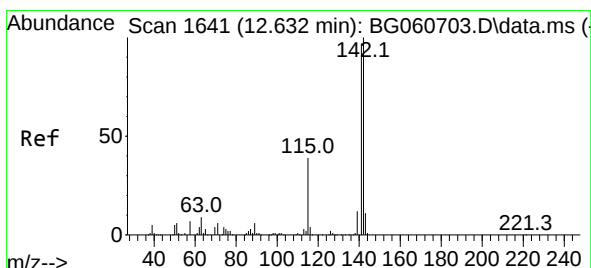
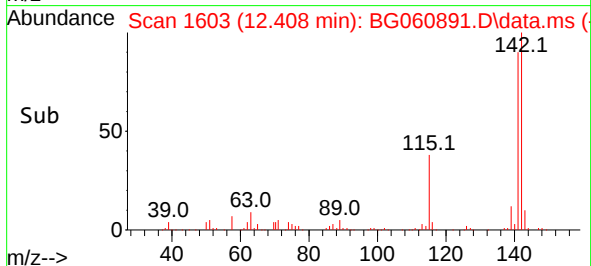
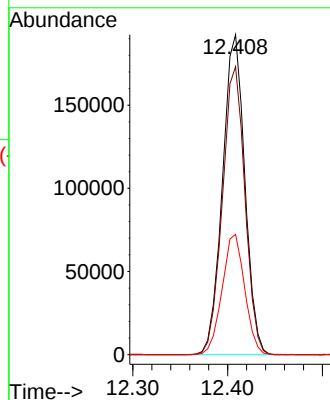
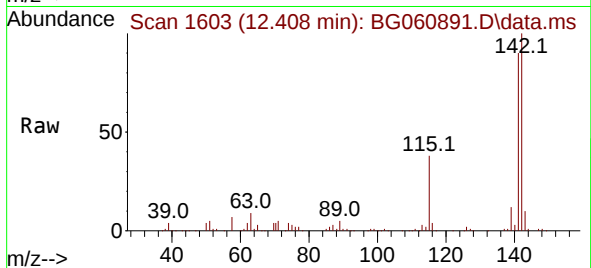
115 37.6 29.9 44.9

Manual Integrations

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Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#38

1-Methylnaphthalene

Concen: 38.393 ng

RT: 12.626 min Scan# 1640

Delta R.T. -0.007 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

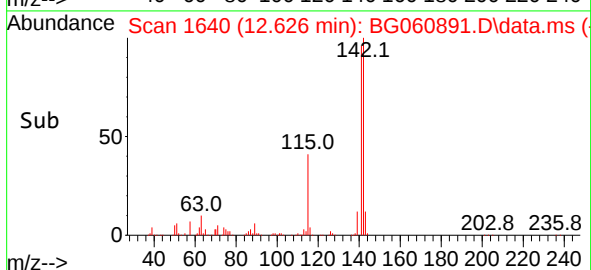
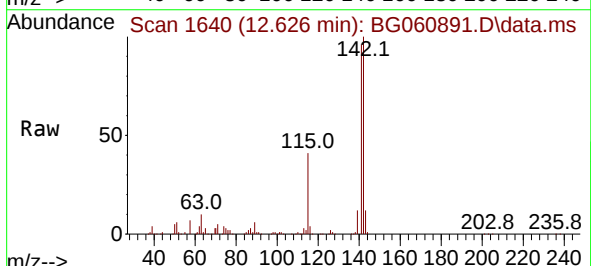
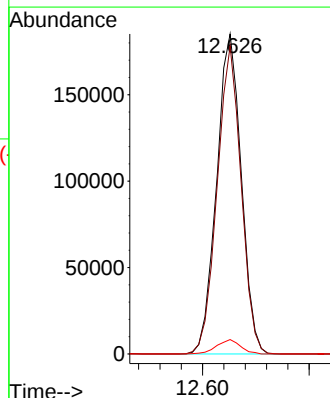
Tgt Ion:142 Resp: 296617

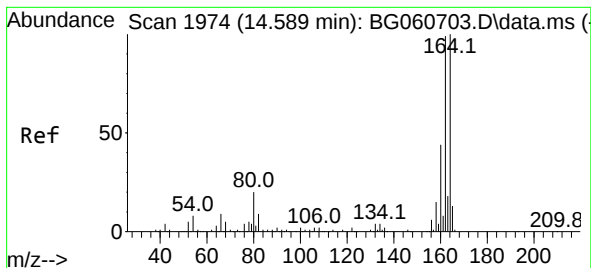
Ion Ratio Lower Upper

142 100

141 96.3 77.7 116.5

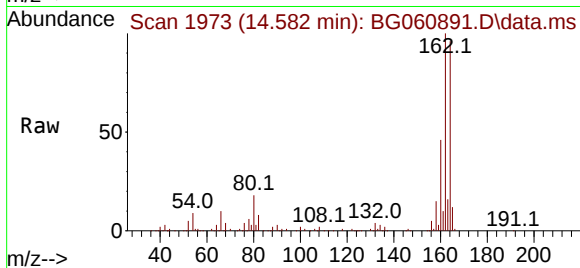
116 4.5 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

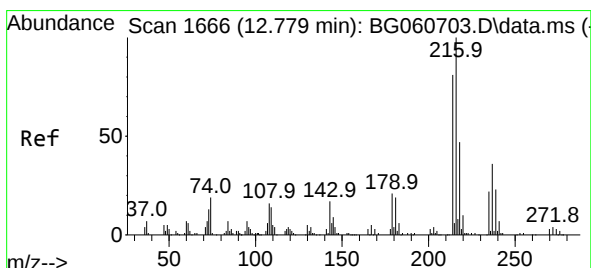
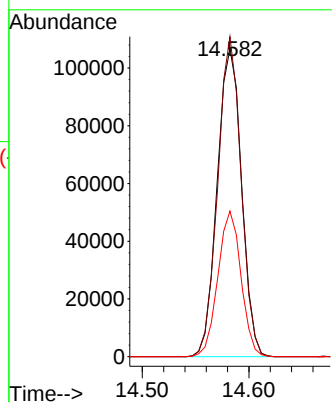
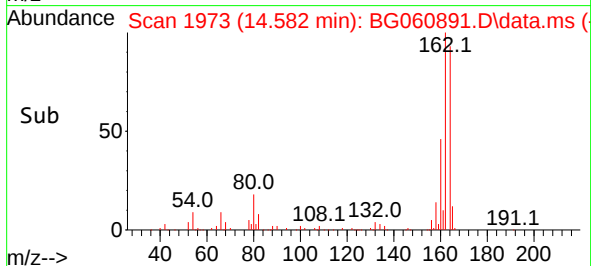
Instrument :
BNA_G
ClientSampleId :
PB160208BS



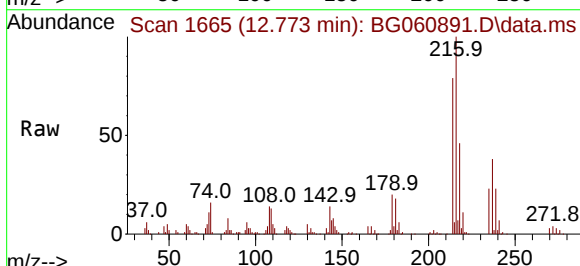
Tgt Ion:164 Resp: 16904
Ion Ratio Lower Upper
164 100
162 103.9 79.5 119.3
160 47.3 35.4 53.0

Manual Integrations
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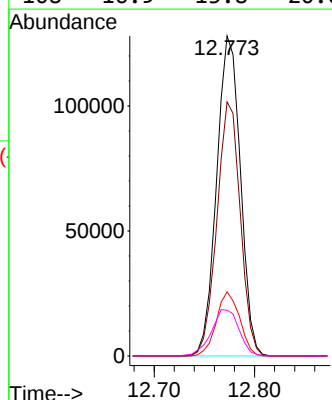
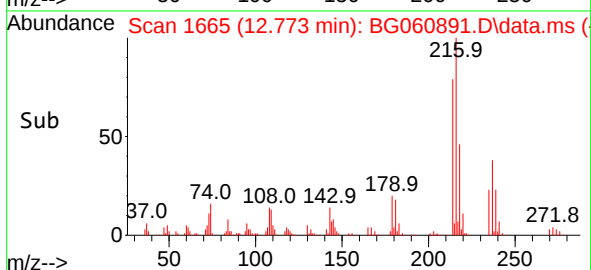
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

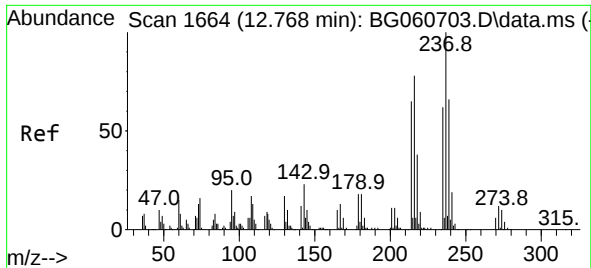


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.240 ng
RT: 12.773 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:216 Resp: 210140
Ion Ratio Lower Upper
216 100
214 77.9 63.1 94.7
179 19.7 16.7 25.1
108 16.9 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 92.160 ng
RT: 12.755 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

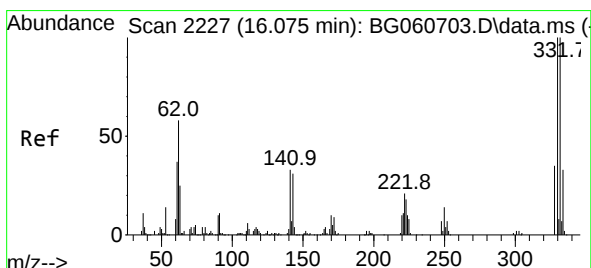
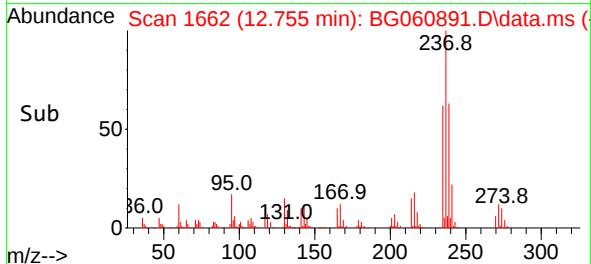
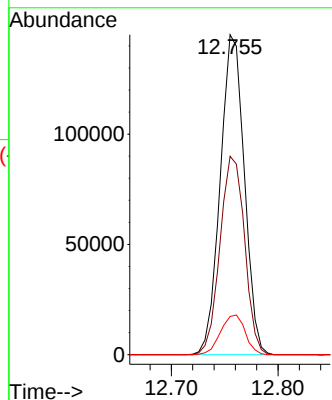
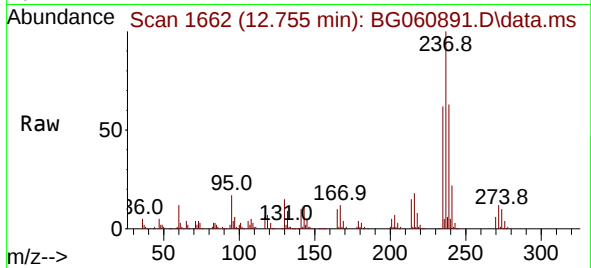
ClientSampleId :

PB160208BS

Tgt Ion:237 Resp: 22773
Ion Ratio Lower Upper
237 100
235 62.0 42.0 82.0
272 11.9 0.0 32.4

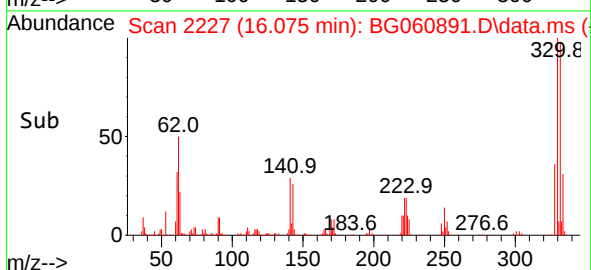
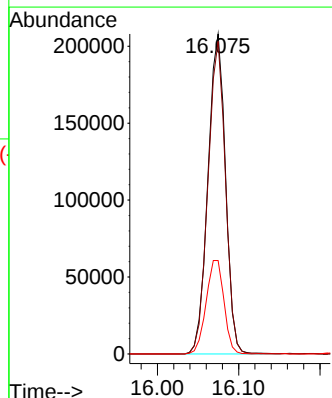
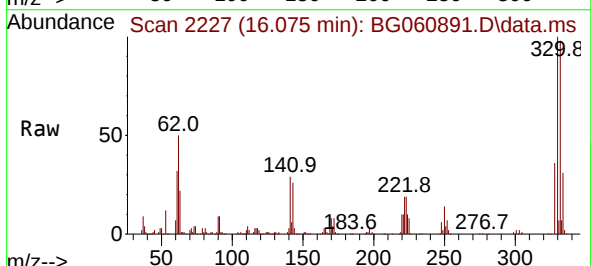
Manual Integrations
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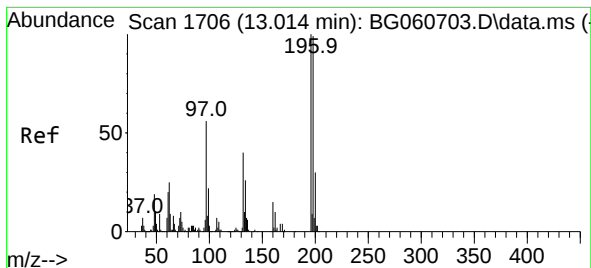
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#42
2,4,6-Tribromophenol
Concen: 162.463 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.001 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:330 Resp: 311752
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 29.7 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 47.894 ng

RT: 13.014 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060891.D

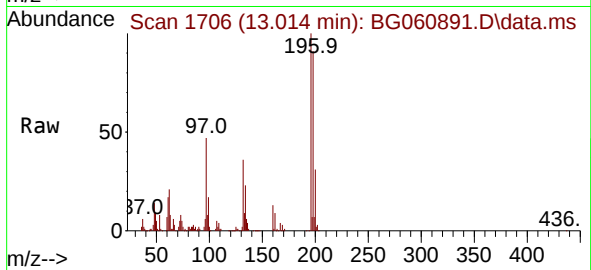
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



Tgt Ion:196 Resp: 14987

Ion Ratio Lower Upper

196 100

198 91.2 79.1 118.7

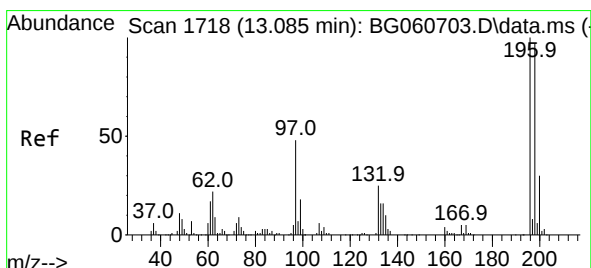
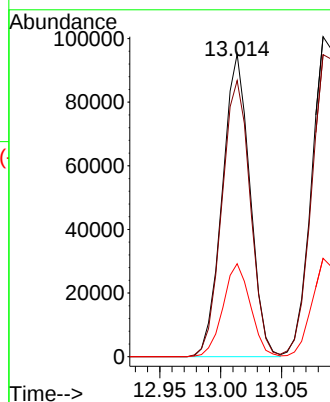
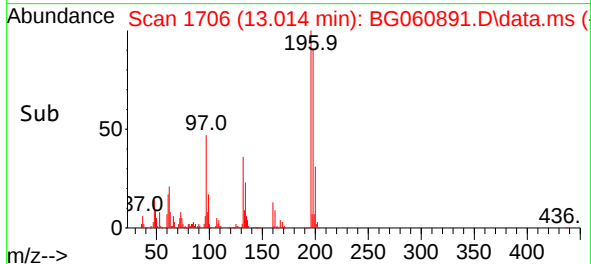
200 30.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#44

2,4,5-Trichlorophenol

Concen: 44.022 ng

RT: 13.084 min Scan# 1718

Delta R.T. -0.001 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Tgt Ion:196 Resp: 164397

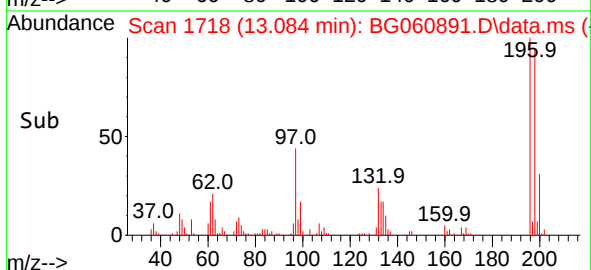
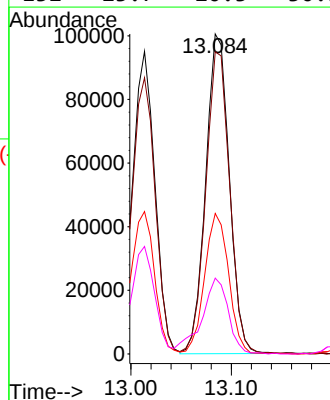
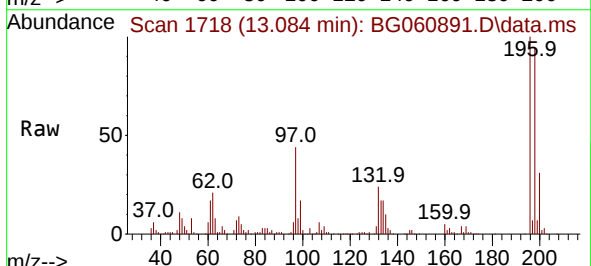
Ion Ratio Lower Upper

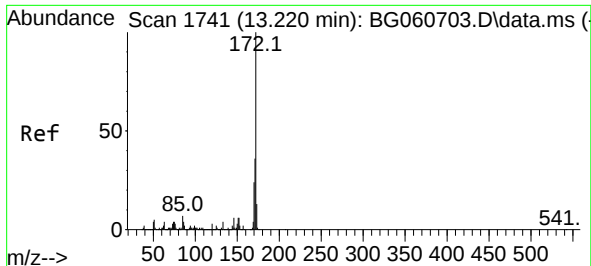
196 100

198 94.4 77.8 116.8

97 43.9 38.2 57.4

132 23.7 20.3 30.5





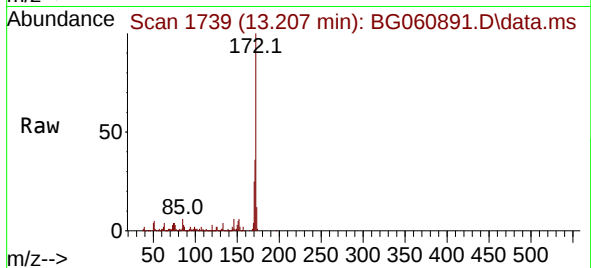
#45
2-Fluorobiphenyl
Concen: 75.601 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



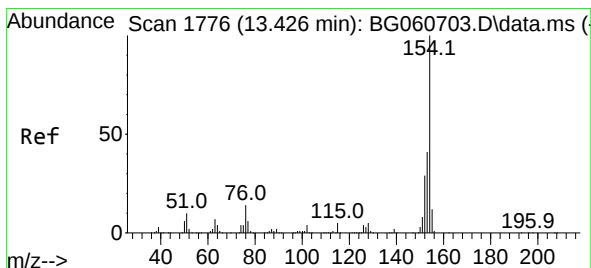
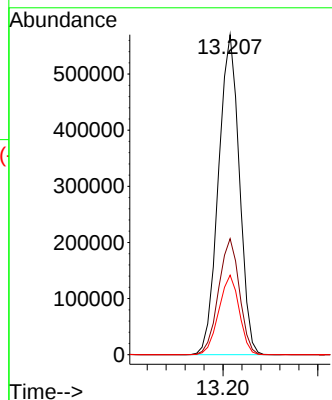
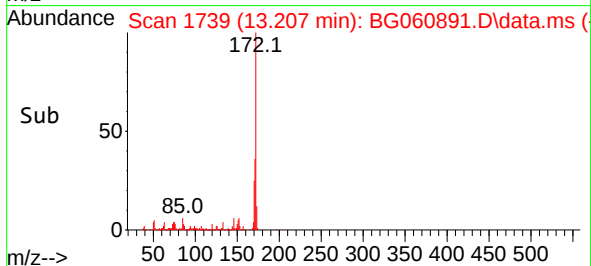
Tgt Ion:172 Resp: 870779
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.8 19.4 29.0

Manual Integrations

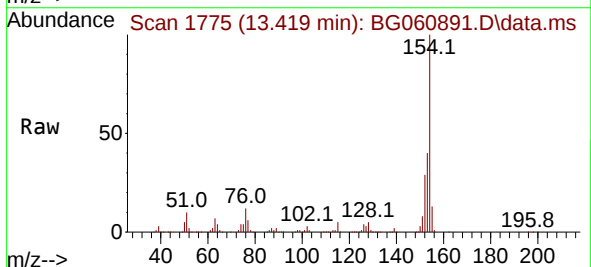
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

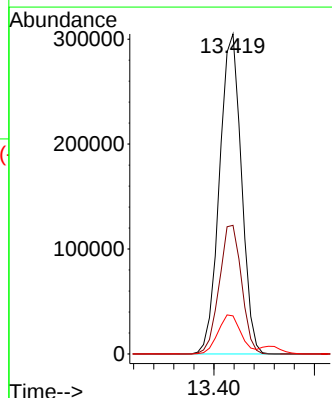
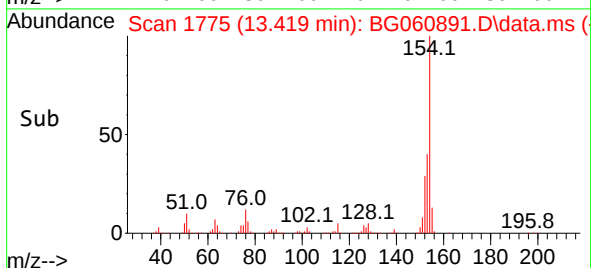
Supervised By :mohammad ahmed 04/17/2024

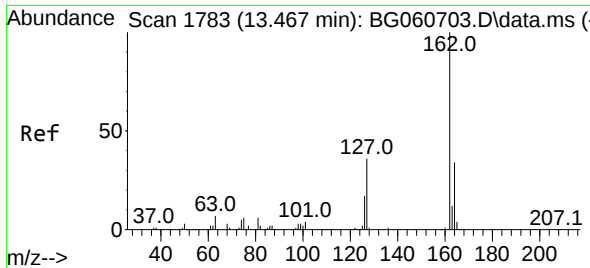


#46
1,1'-Biphenyl
Concen: 38.644 ng
RT: 13.419 min Scan# 1775
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:154 Resp: 461413
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.9 0.0 33.9





#47
2-Chloronaphthalene
Concen: 40.032 ng
RT: 13.460 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

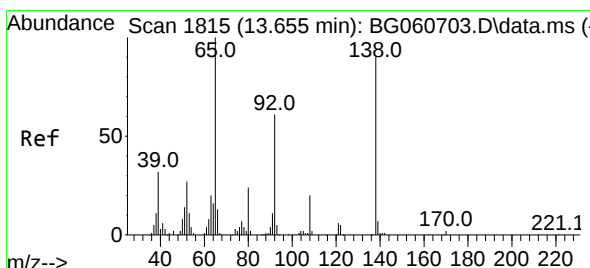
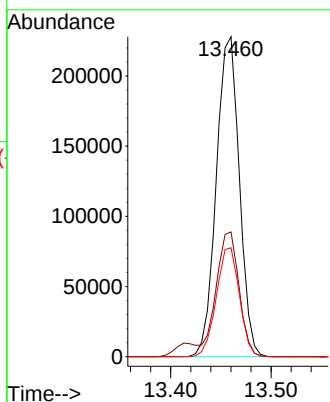
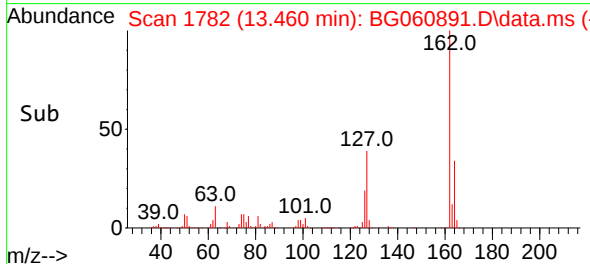
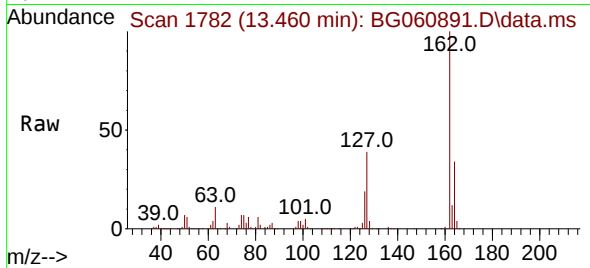
ClientSampleId :

PB160208BS

Tgt Ion:162 Resp: 36316
Ion Ratio Lower Upper
162 100
127 39.0 30.6 46.0
164 34.1 26.9 40.3

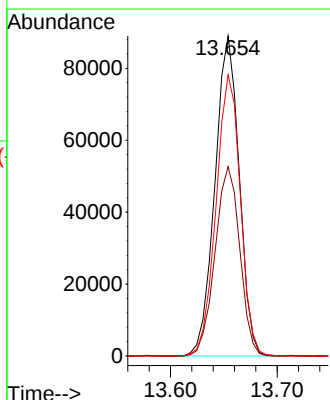
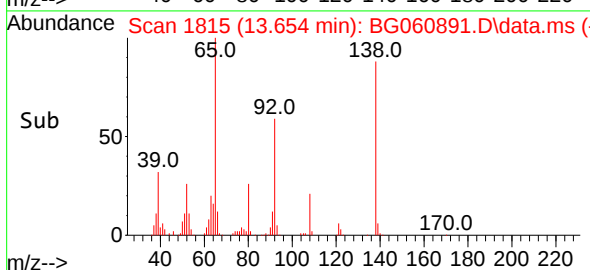
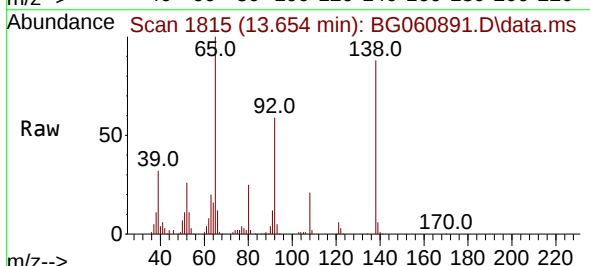
Manual Integrations
APPROVED

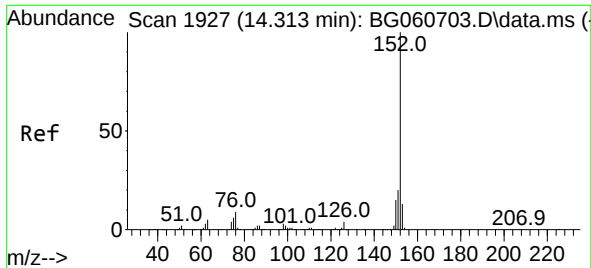
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 47.839 ng
RT: 13.654 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion: 65 Resp: 140616
Ion Ratio Lower Upper
65 100
92 59.2 48.6 72.8
138 87.9 72.2 108.4





#49
Acenaphthylene
Concen: 40.639 ng
RT: 14.306 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

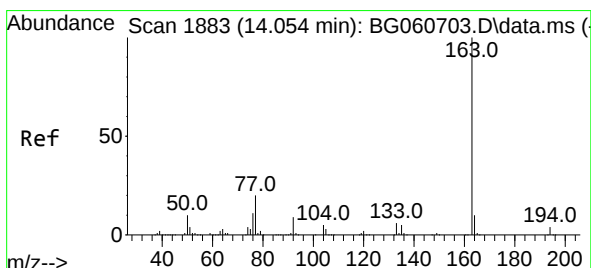
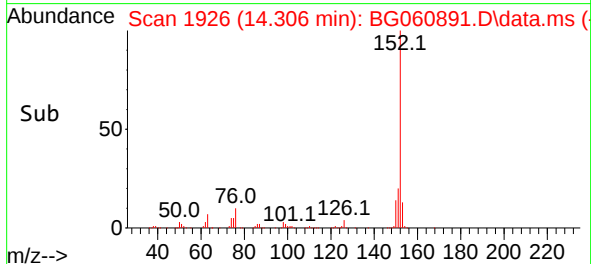
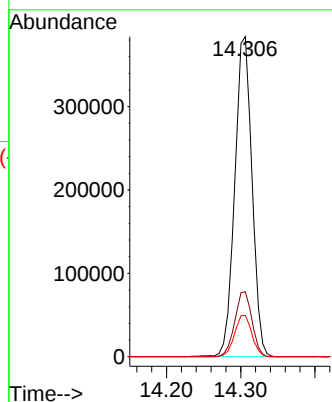
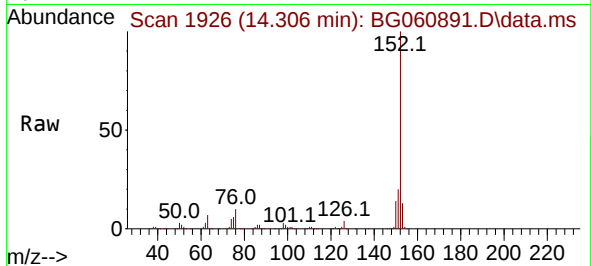
PB160208BS

Tgt Ion:152 Resp: 619449
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 12.9 10.5 15.7

Manual Integrations

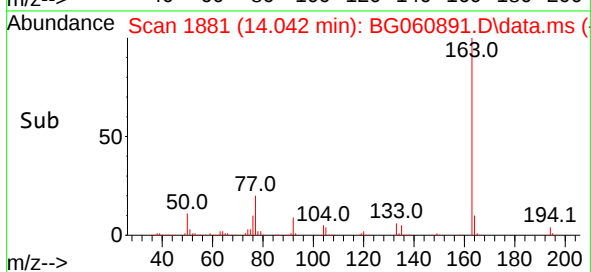
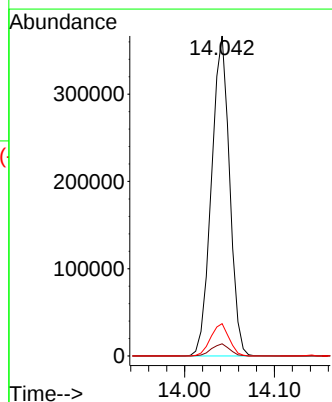
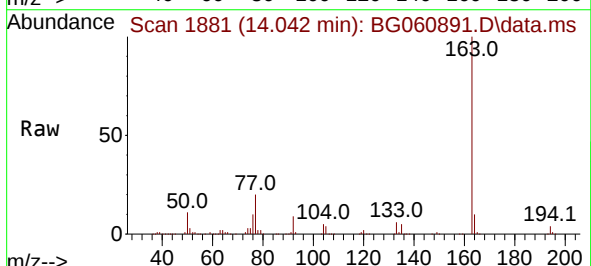
APPROVED

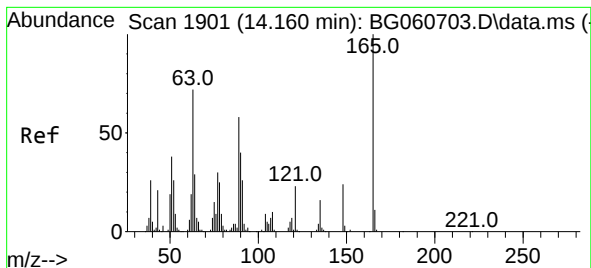
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#50
Dimethylphthalate
Concen: 38.453 ng
RT: 14.042 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:163 Resp: 513783
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.566 ng
RT: 14.153 min Scan# 1901
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

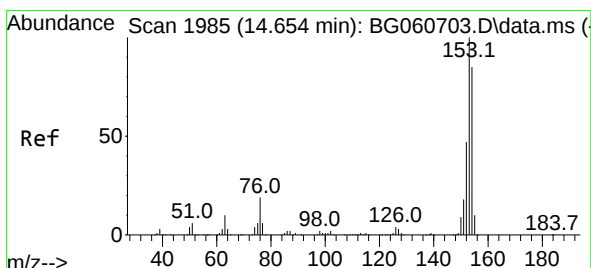
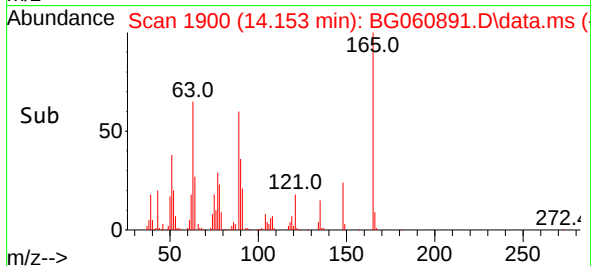
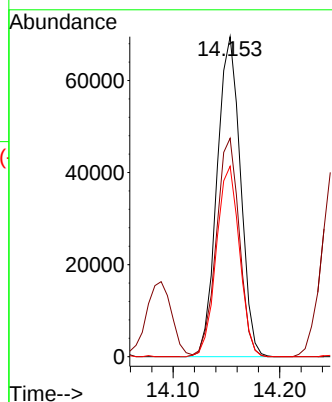
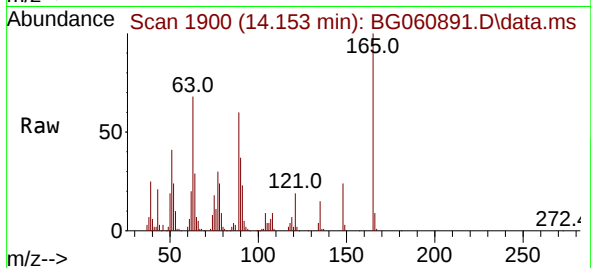
ClientSampleId :

PB160208BS

Tgt Ion:165 Resp: 105969
Ion Ratio Lower Upper
165 100
63 68.3 58.2 87.4
89 59.5 46.1 69.1

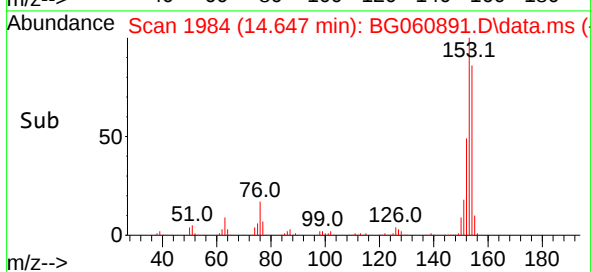
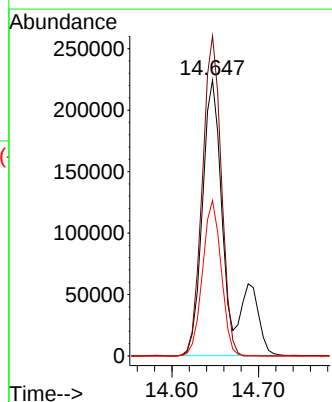
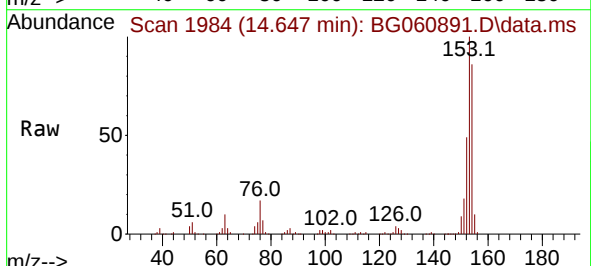
Manual Integrations
APPROVED

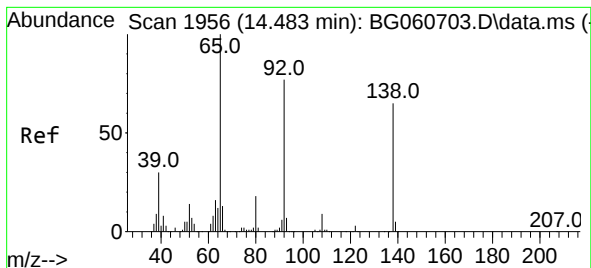
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 44.452 ng m
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:154 Resp: 425424
Ion Ratio Lower Upper
154 100
153 116.1 93.9 140.9
152 56.4 44.1 66.1





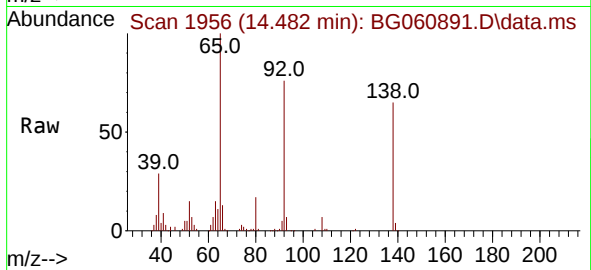
#53
3-Nitroaniline
Concen: 28.806 ng
RT: 14.482 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



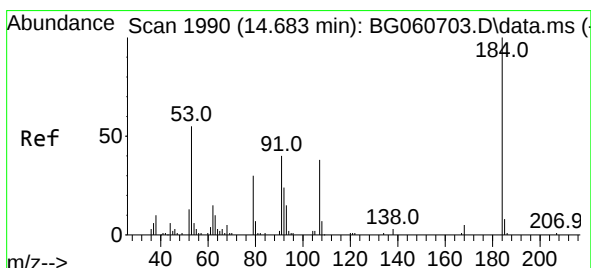
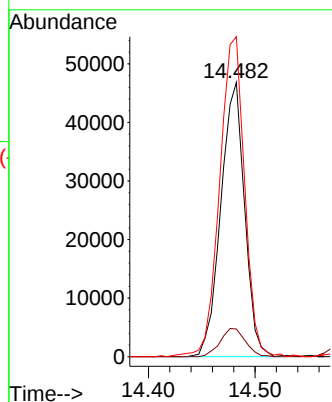
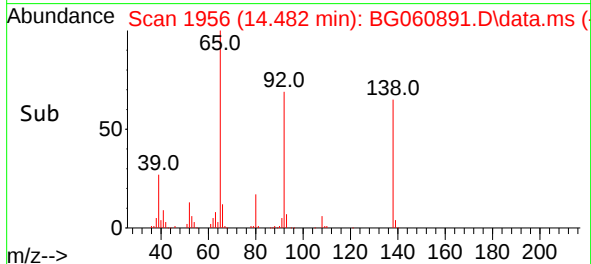
Tgt Ion:138 Resp: 72410
Ion Ratio Lower Upper
138 100
108 10.1 11.3 16.9
92 116.7 94.1 141.1

Manual Integrations

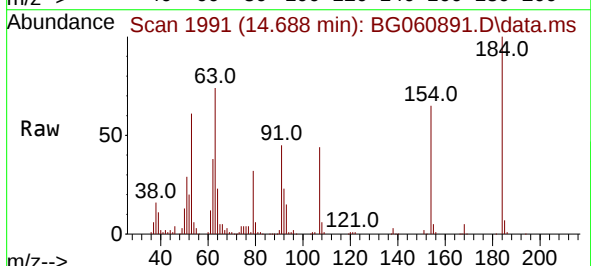
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

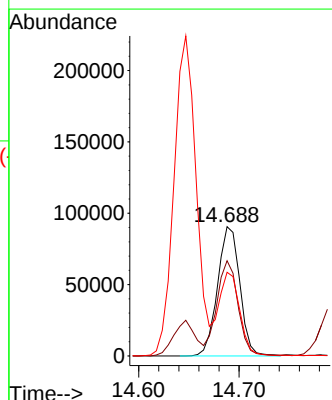
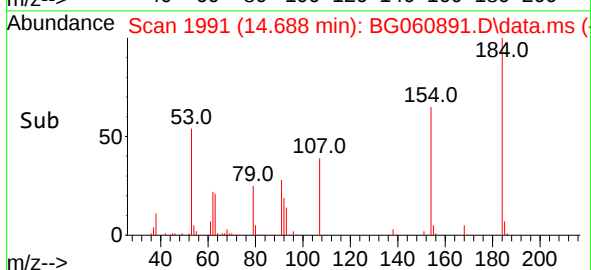
Supervised By :mohammad ahmed 04/17/2024

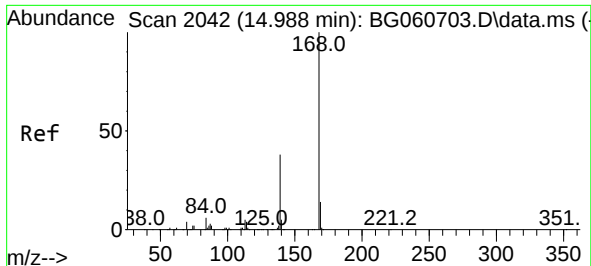


#54
2,4-Dinitrophenol
Concen: 149.965 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:184 Resp: 139471
Ion Ratio Lower Upper
184 100
63 73.6 51.3 76.9
154 64.8 59.9 89.9





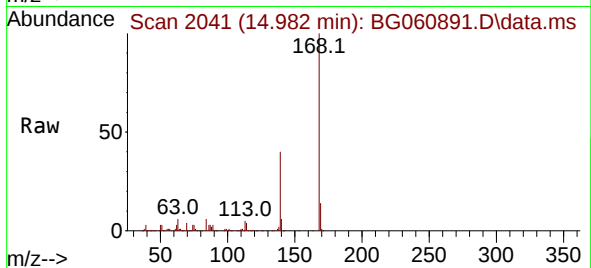
#55
Dibenzenofuran
Concen: 38.303 ng
RT: 14.982 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



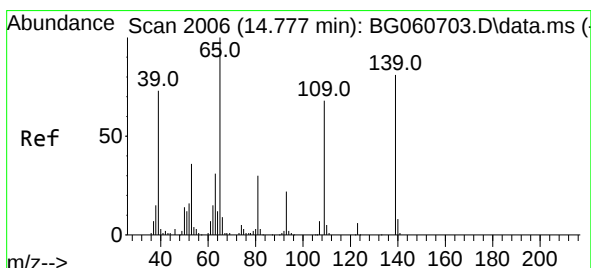
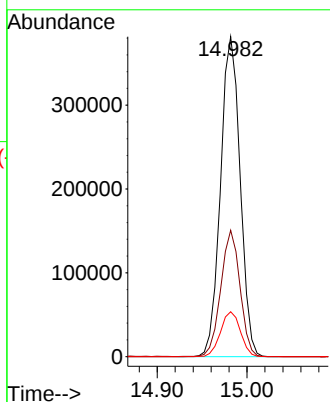
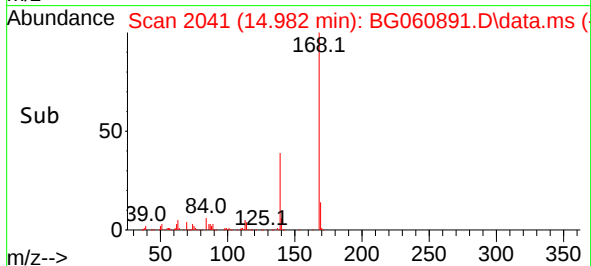
Tgt Ion:168 Resp: 578220
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.0 11.0 16.4

Manual Integrations

APPROVED

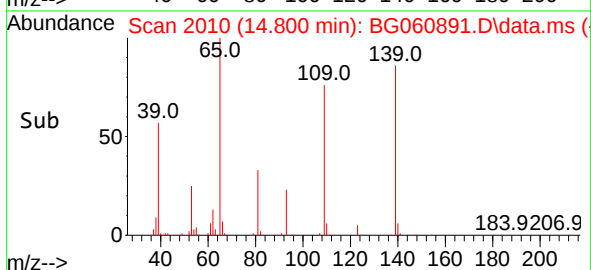
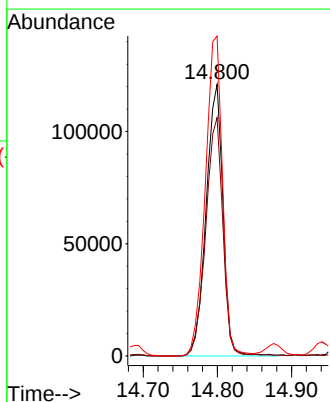
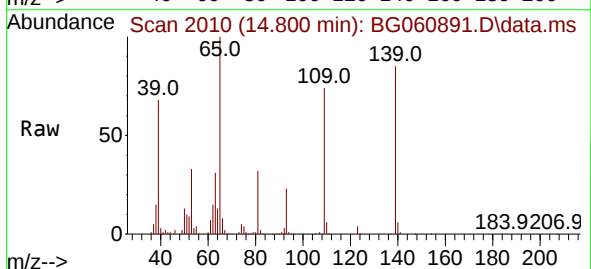
Reviewed By :Yogesh Patel 04/16/2024

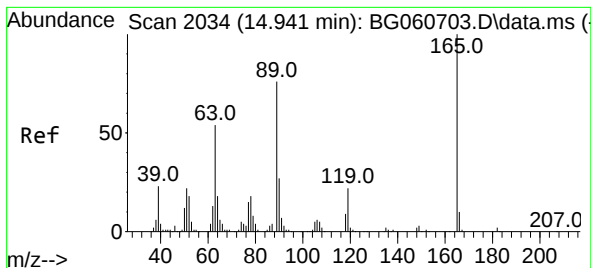
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 97.836 ng
RT: 14.800 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:139 Resp: 191101
Ion Ratio Lower Upper
139 100
109 87.8 64.0 104.0
65 117.9 104.3 144.3





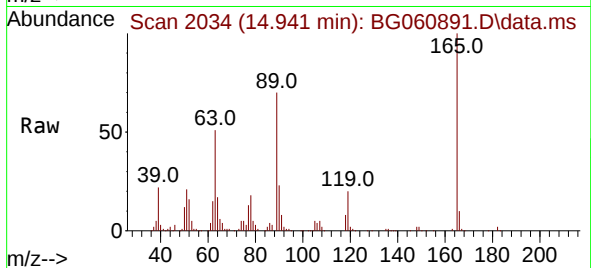
#57
2,4-Dinitrotoluene
Concen: 49.710 ng
RT: 14.941 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

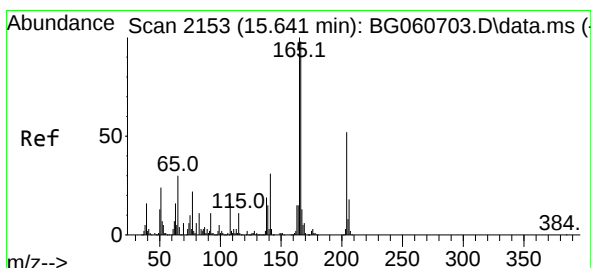
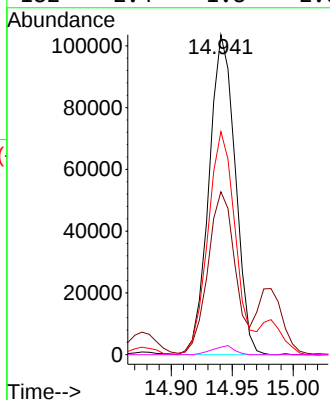
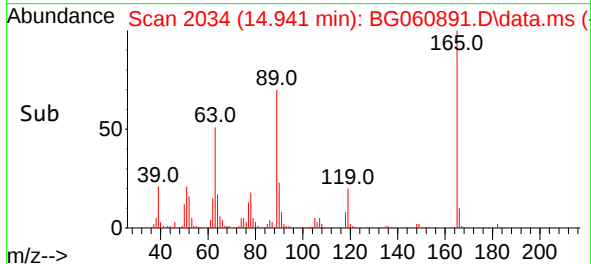


Tgt Ion:165 Resp: 15529
Ion Ratio Lower Upper
165 100
63 50.9 43.4 65.0
89 69.7 61.0 91.6
182 2.4 1.8 2.6

Manual Integrations

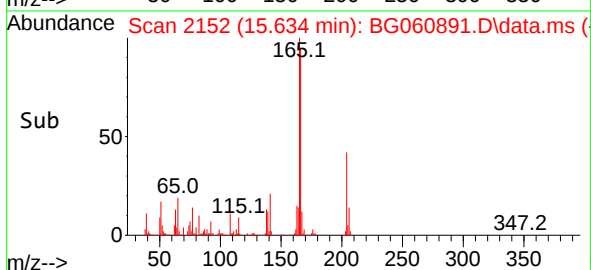
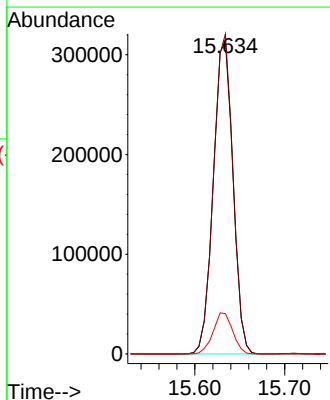
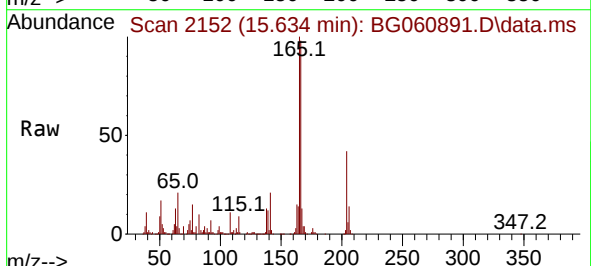
APPROVED

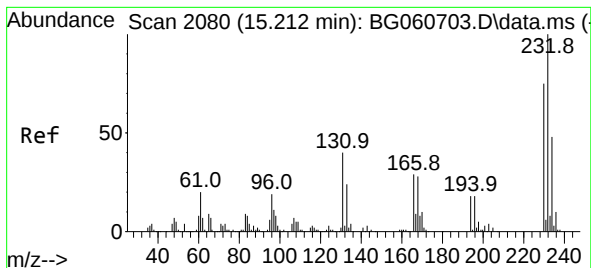
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#58
Fluorene
Concen: 39.389 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:166 Resp: 477216
Ion Ratio Lower Upper
166 100
165 102.5 81.8 122.8
167 12.9 10.9 16.3





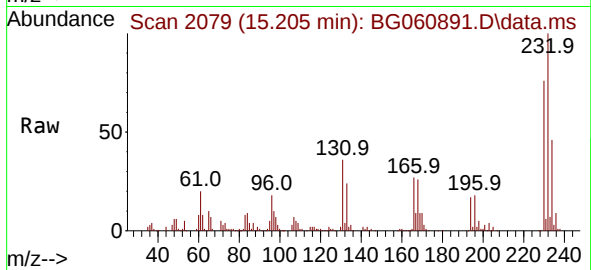
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.261 ng
RT: 15.205 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



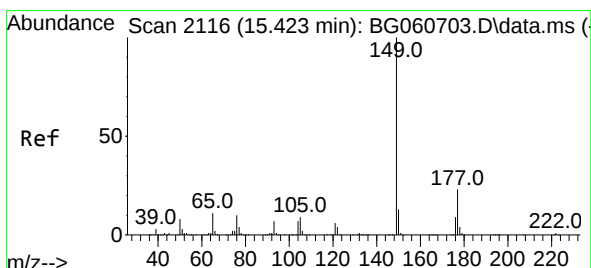
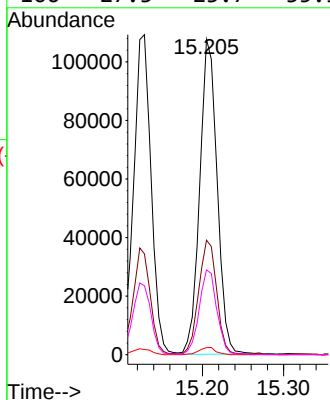
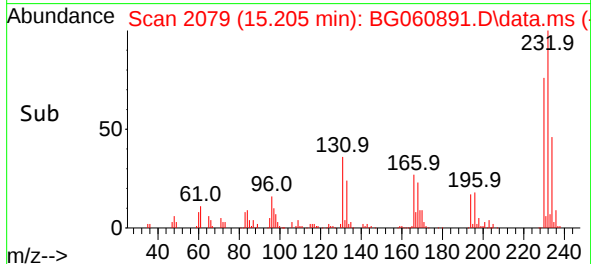
Tgt Ion:232 Resp: 160319
Ion Ratio Lower Upper
232 100
131 37.0 32.2 48.2
130 2.2 2.1 3.1
166 27.3 23.7 35.5

Manual Integrations

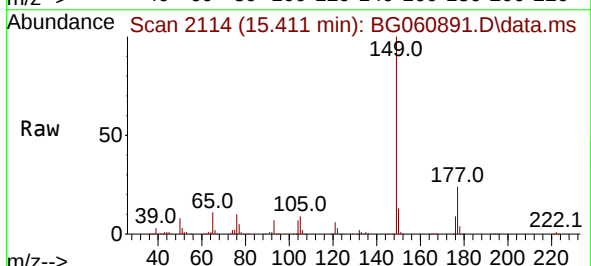
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

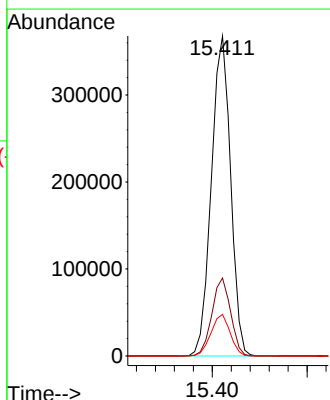
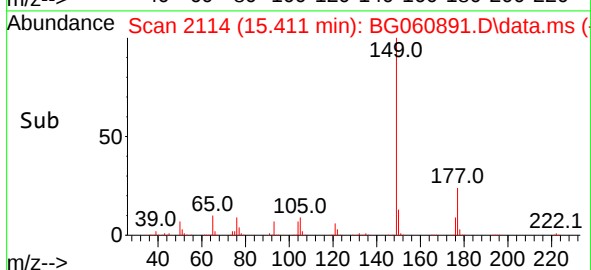
Supervised By :mohammad ahmed 04/17/2024

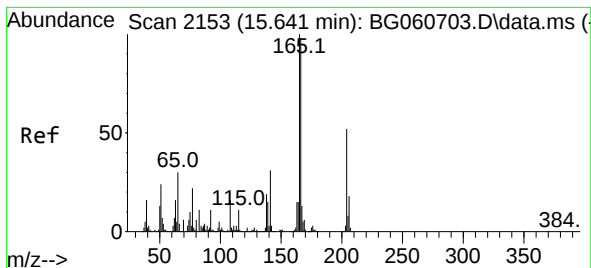


#60
Diethylphthalate
Concen: 38.466 ng
RT: 15.411 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:149 Resp: 517082
Ion Ratio Lower Upper
149 100
177 24.3 18.0 27.0
150 13.0 10.2 15.4





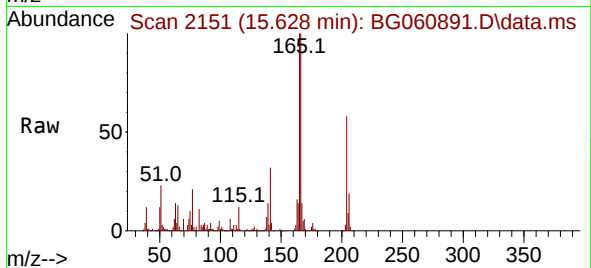
#61
4-Chlorophenyl-phenylether
Concen: 40.676 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

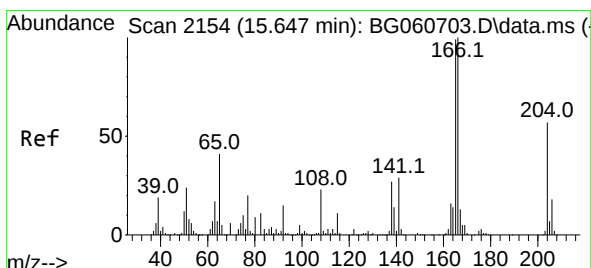
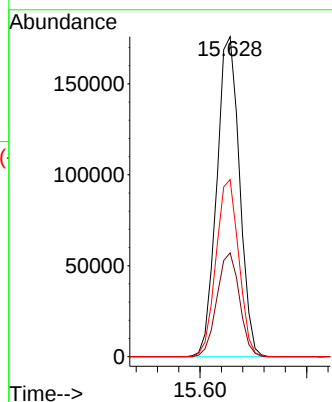
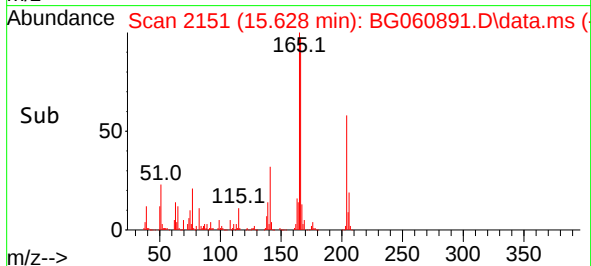


Tgt Ion:204 Resp: 26072
Ion Ratio Lower Upper
204 100
206 32.4 28.3 42.5
141 55.4 47.2 70.8

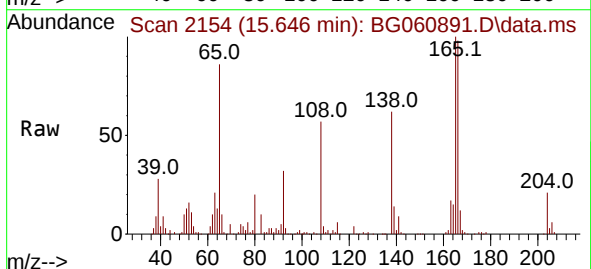
Manual Integrations

APPROVED

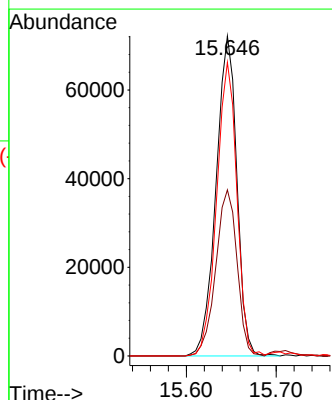
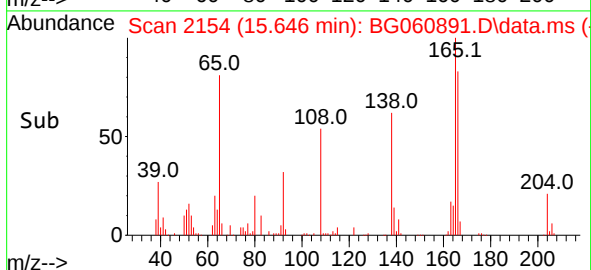
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

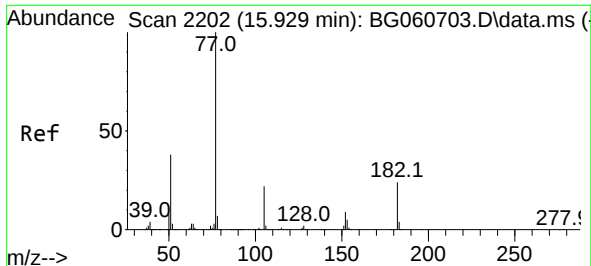


#62
4-Nitroaniline
Concen: 47.511 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:138 Resp: 116064
Ion Ratio Lower Upper
138 100
92 51.9 36.8 76.8
108 91.8 66.9 106.9





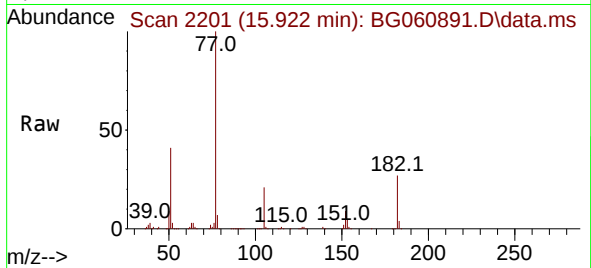
#63
Azobenzene
Concen: 36.873 ng
RT: 15.922 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

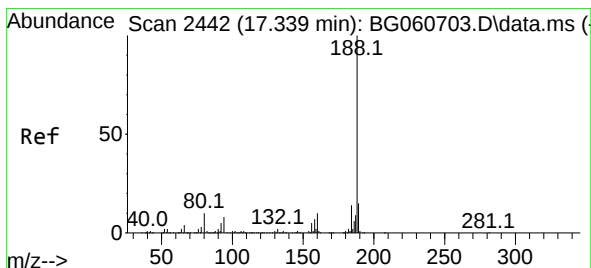
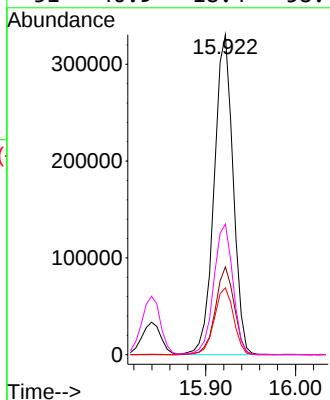
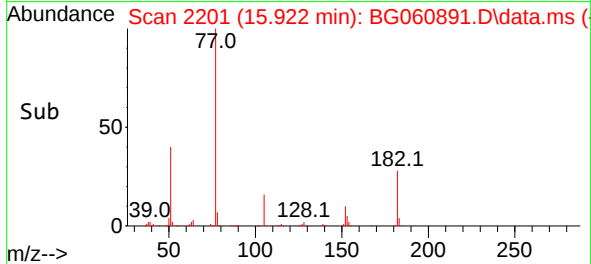


Tgt Ion: 77 Resp: 48300
Ion Ratio Lower Upper
77 100
182 27.4 3.9 43.9
105 20.9 1.7 41.7
51 40.9 18.4 58.4

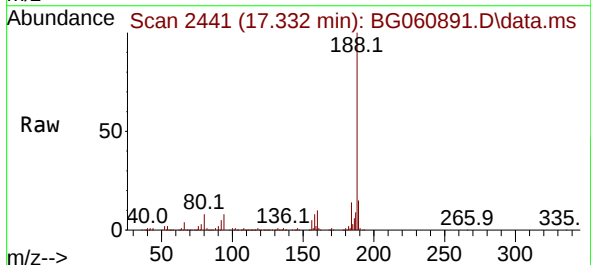
Manual Integrations

APPROVED

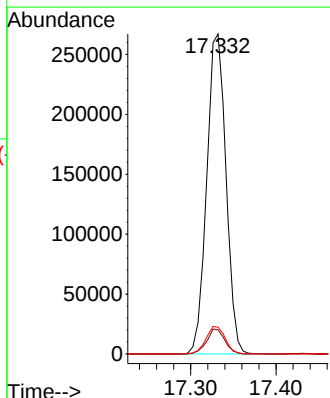
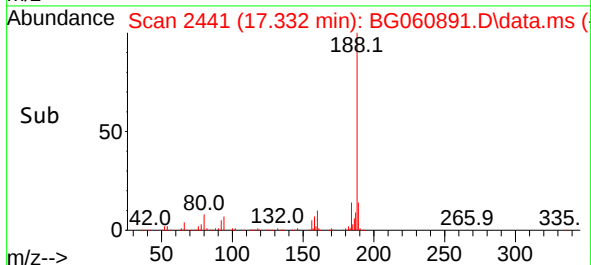
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

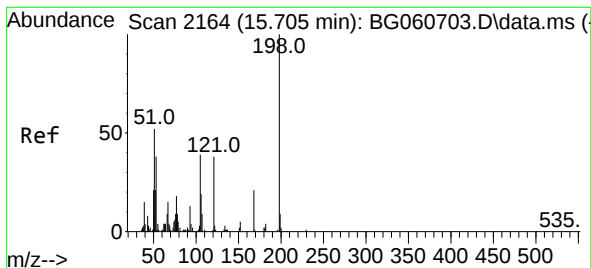


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:188 Resp: 418375
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 55.725 ng
RT: 15.710 min Scan# 2165
Delta R.T. 0.005 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

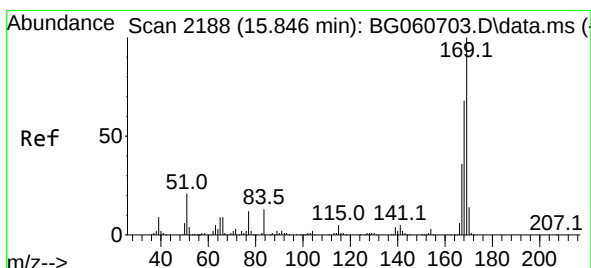
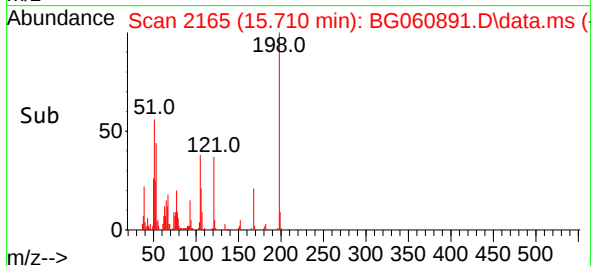
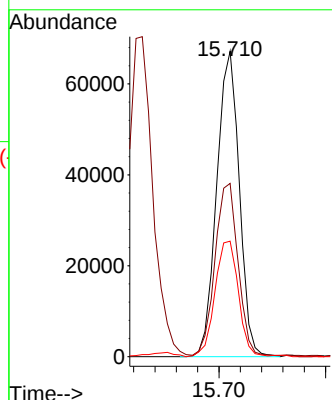
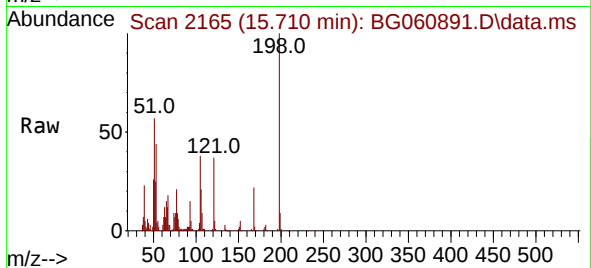
PB160208BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.8	36.7	76.7
105	37.8	19.1	59.1

Manual Integrations

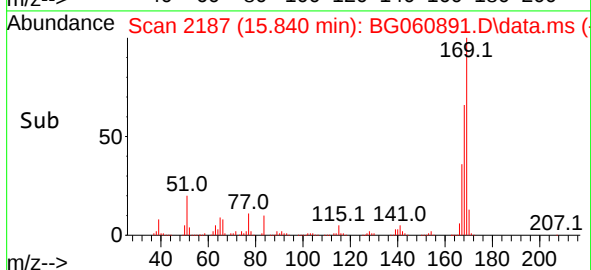
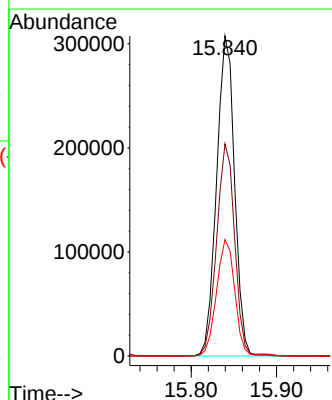
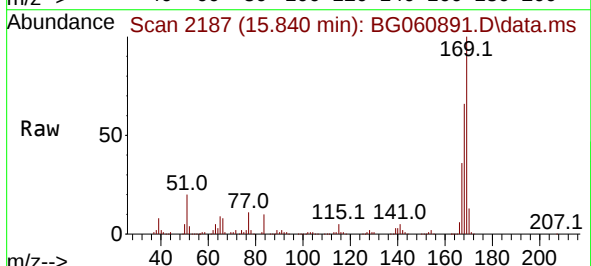
APPROVED

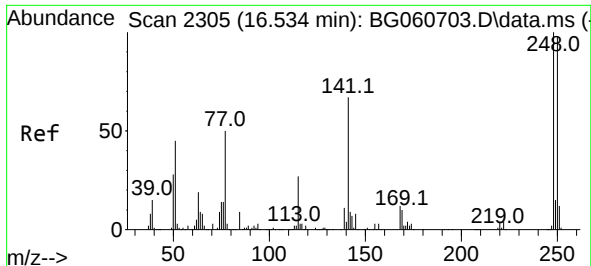
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#66
n-Nitrosodiphenylamine
Concen: 37.614 ng
RT: 15.840 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.5	81.7
167	36.3	29.2	43.8





#67
4-Bromophenyl-phenylether
Concen: 43.193 ng
RT: 16.521 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

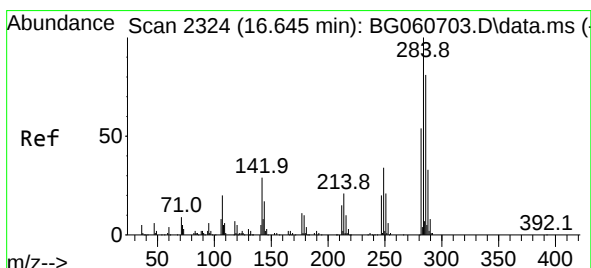
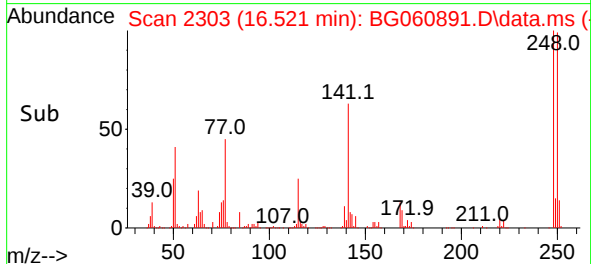
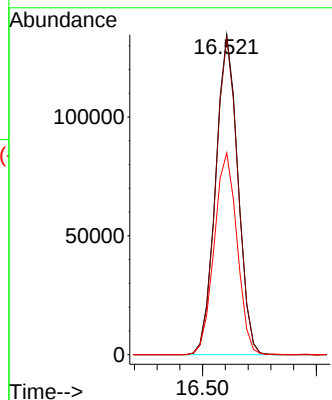
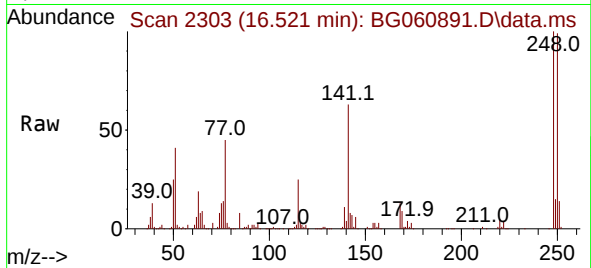
PB160208BS

Tgt Ion:248 Resp: 183390
Ion Ratio Lower Upper
248 100
250 99.0 78.3 117.5
141 63.1 53.7 80.5

Manual Integrations

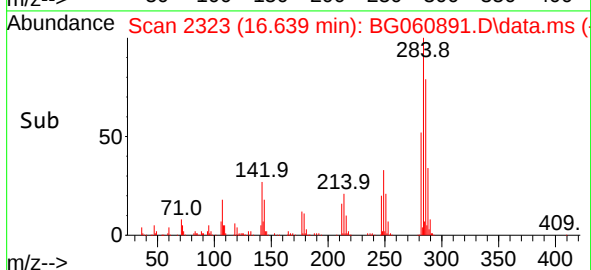
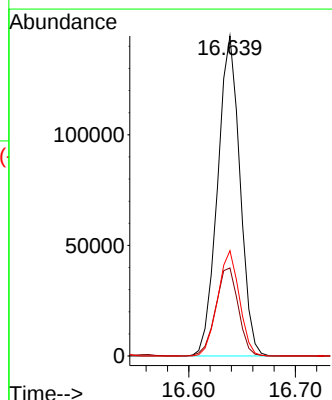
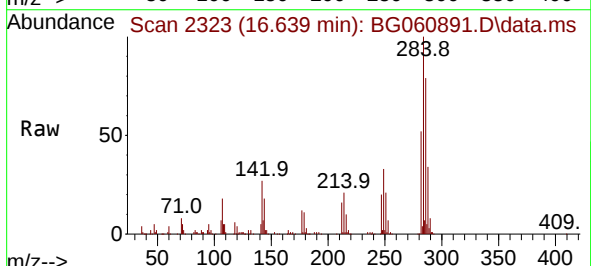
APPROVED

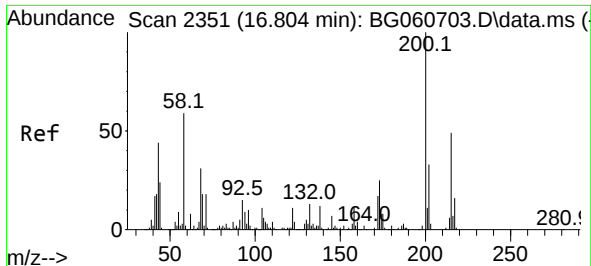
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 43.927 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:284 Resp: 210548
Ion Ratio Lower Upper
284 100
142 27.5 22.9 34.3
249 32.9 27.1 40.7





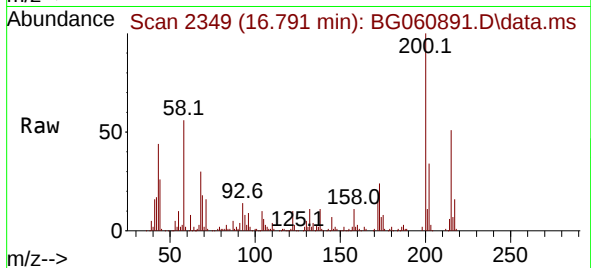
#69
 Atrazine
 Concen: 43.255 ng
 RT: 16.791 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

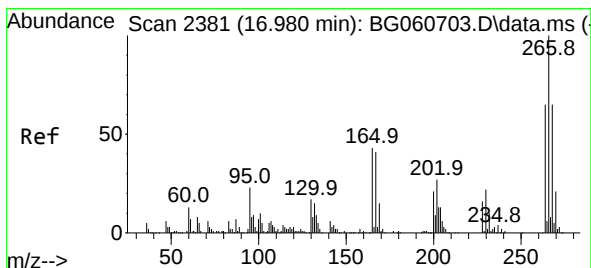
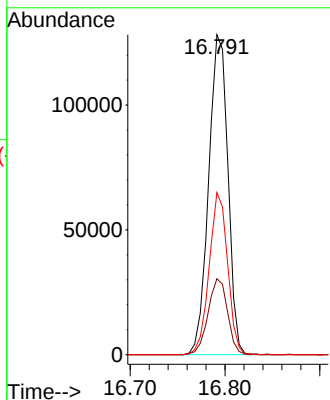
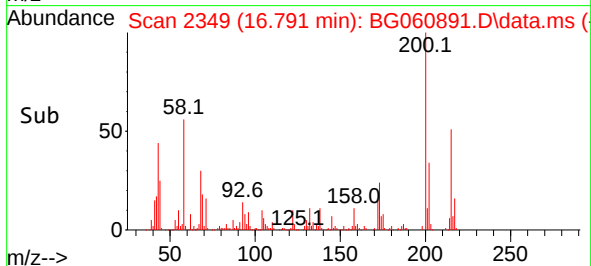


Tgt Ion:200 Resp: 18084
 Ion Ratio Lower Upper
 200 100
 173 23.8 5.2 45.2
 215 50.6 28.8 68.8

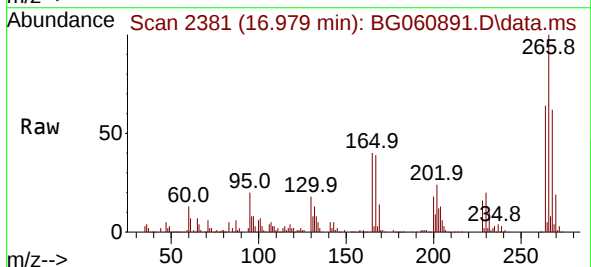
Manual Integrations

APPROVED

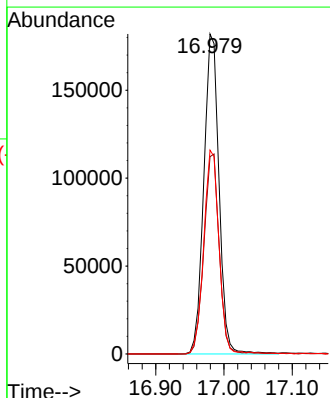
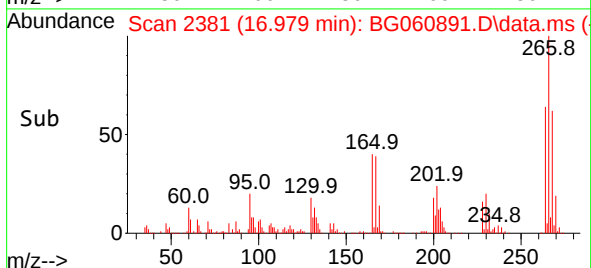
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

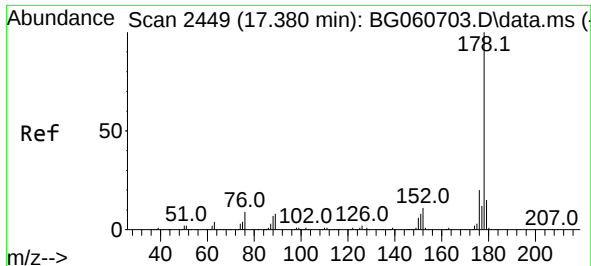


#70
 Pentachlorophenol
 Concen: 90.225 ng
 RT: 16.979 min Scan# 2381
 Delta R.T. -0.001 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06



Tgt Ion:266 Resp: 282181
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.2 78.4
 264 63.7 51.8 77.6





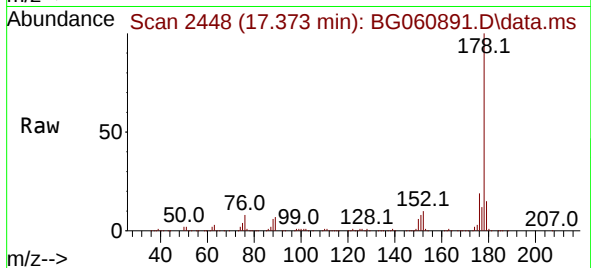
#71
Phenanthrene
Concen: 38.344 ng
RT: 17.373 min Scan# 2449
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

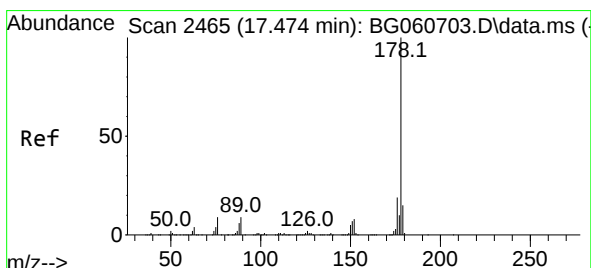
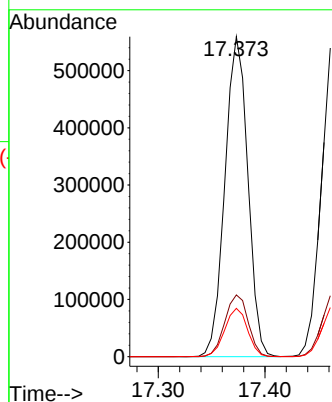
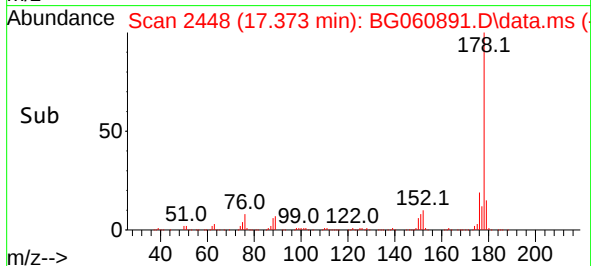


Tgt Ion:178 Resp: 83431
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.1 12.2 18.4

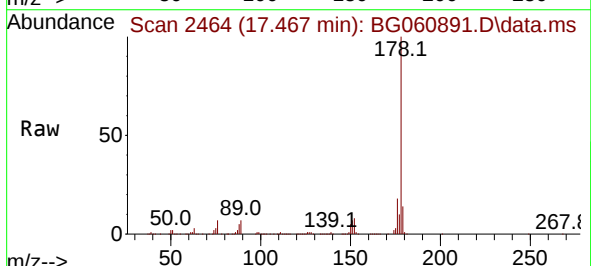
Manual Integrations

APPROVED

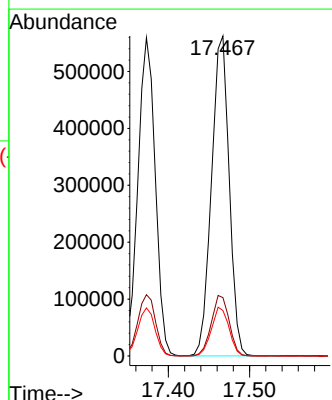
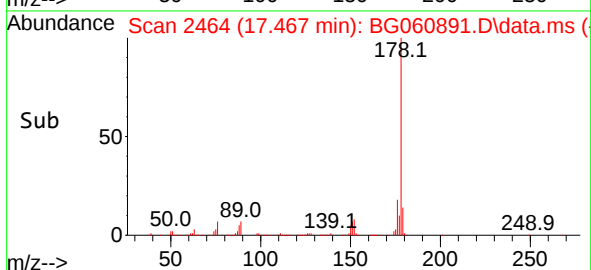
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

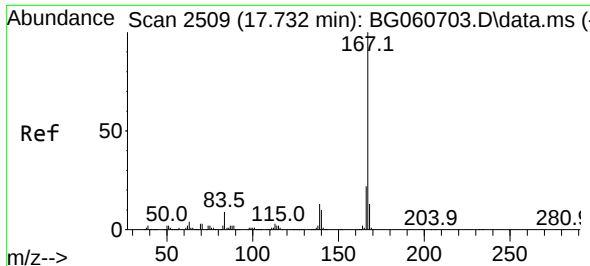


#72
Anthracene
Concen: 38.427 ng
RT: 17.467 min Scan# 2464
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06



Tgt Ion:178 Resp: 849142
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 14.2 12.2 18.2





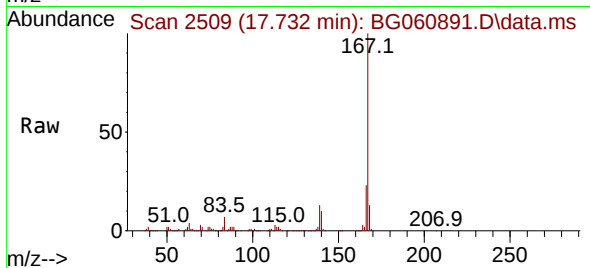
#73
 Carbazole
 Concen: 38.482 ng
 RT: 17.732 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



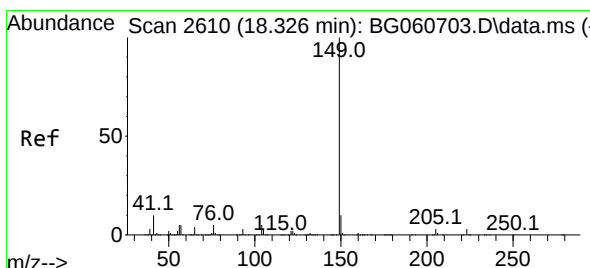
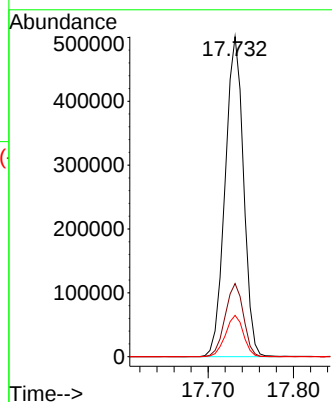
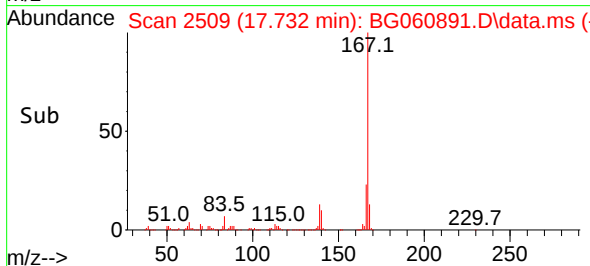
Tgt Ion:167 Resp: 74974
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 12.9 10.5 15.7

Manual Integrations

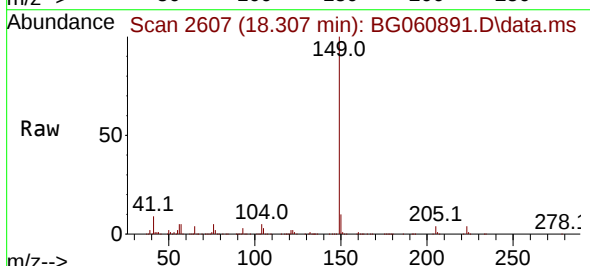
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

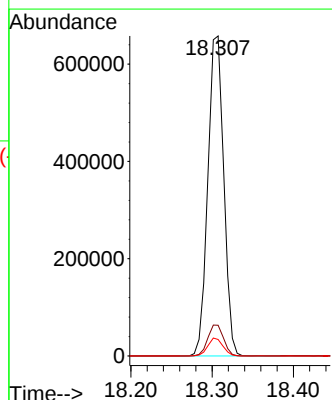
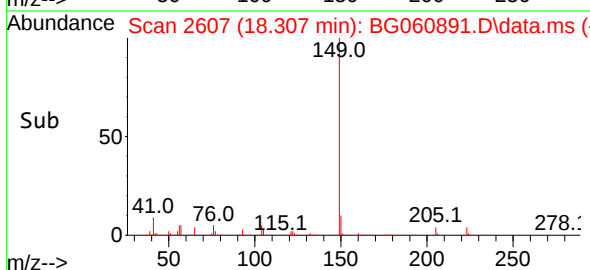
Supervised By :mohammad ahmed 04/17/2024

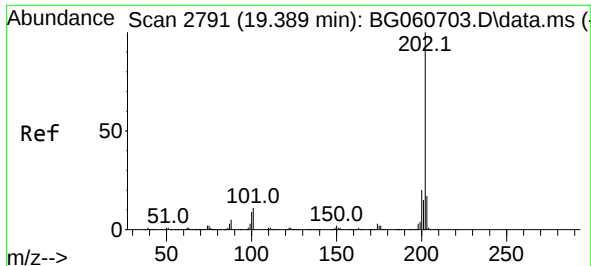


#74
 Di-n-butylphthalate
 Concen: 36.726 ng
 RT: 18.307 min Scan# 2607
 Delta R.T. -0.019 min
 Lab File: BG060891.D
 Acq: 13 Apr 2024 13:06



Tgt Ion:149 Resp: 892080
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.2 6.4





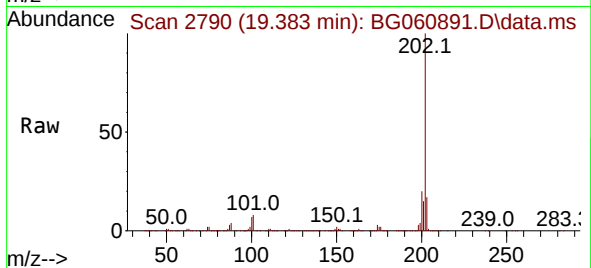
#75
Fluoranthene
Concen: 38.899 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS



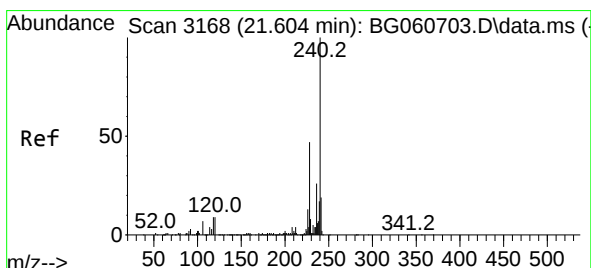
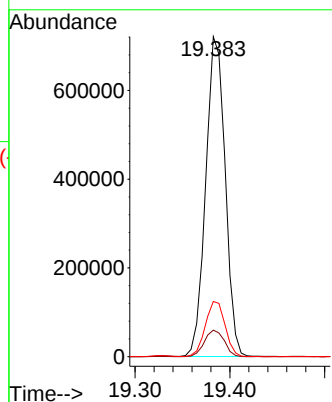
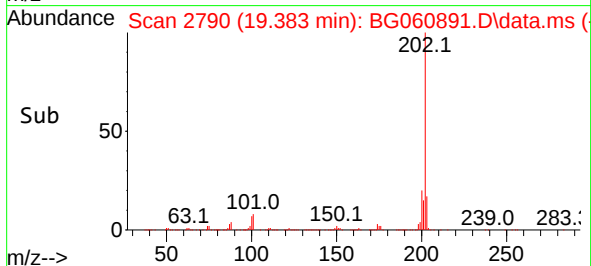
Tgt Ion:202 Resp: 1027049
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.8
203 17.3 0.0 37.4

Manual Integrations

APPROVED

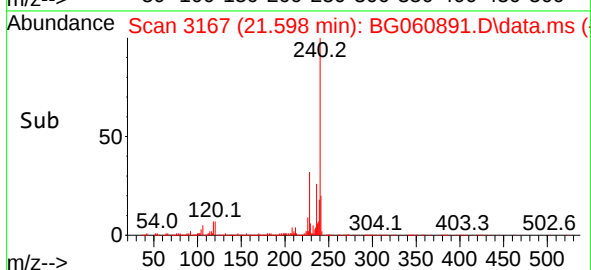
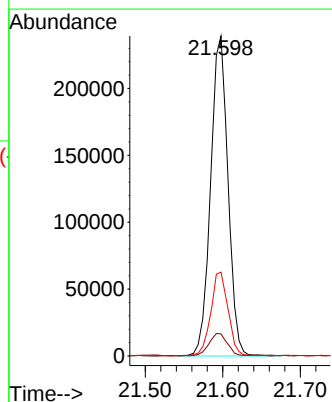
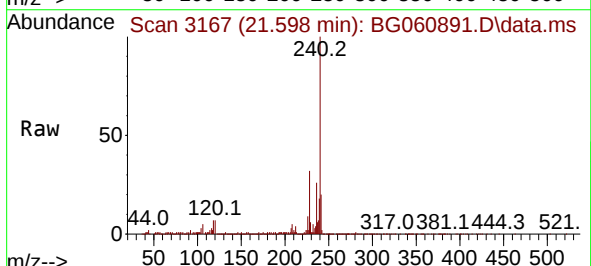
Reviewed By :Yogesh Patel 04/16/2024

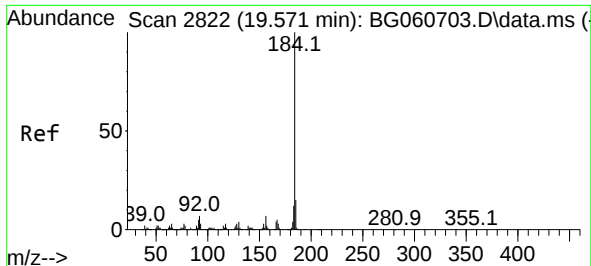
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:240 Resp: 372491
Ion Ratio Lower Upper
240 100
120 6.9 7.1 10.7#
236 26.2 20.7 31.1





#77
Benzidine
Concen: 21.763 ng
RT: 19.565 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

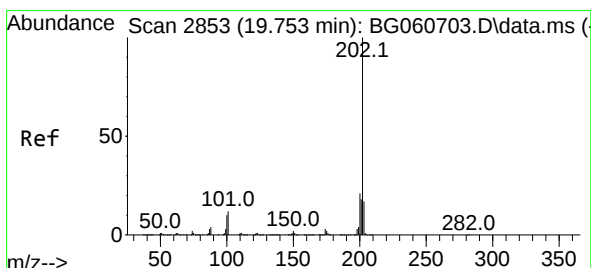
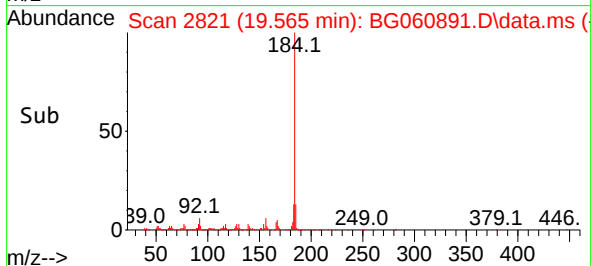
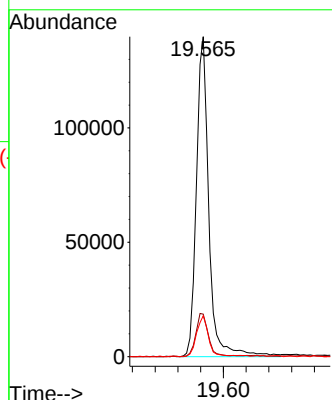
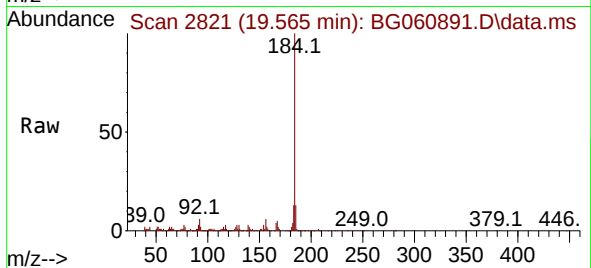
Tgt Ion:184 Resp: 21346
Ion Ratio Lower Upper
184 100
185 13.3 11.8 17.6
183 12.8 9.5 14.3

Manual Integrations

APPROVED

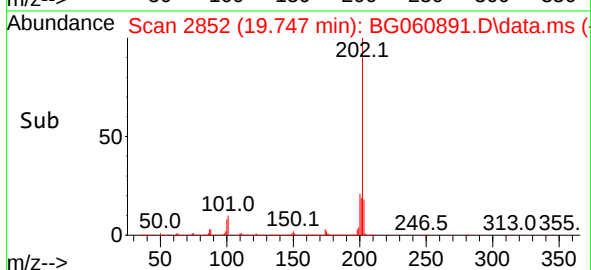
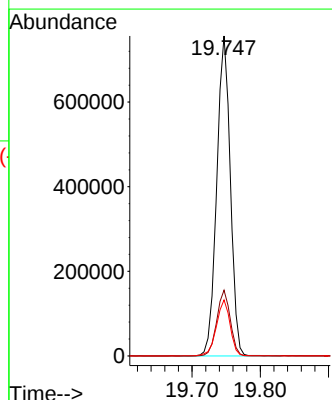
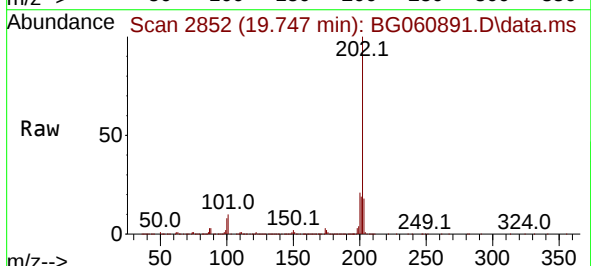
Reviewed By :Yogesh Patel 04/16/2024

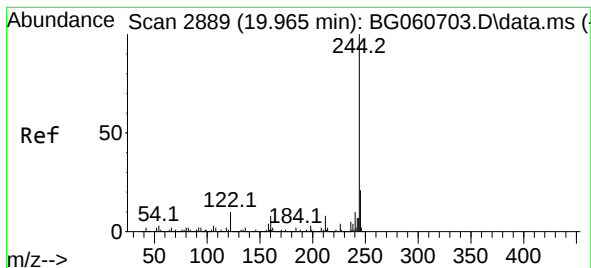
Supervised By :mohammad ahmed 04/17/2024



#78
Pyrene
Concen: 40.175 ng
RT: 19.747 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:202 Resp: 1046610
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 79.662 ng

RT: 19.952 min Scan# 2

Delta R.T. -0.013 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Tgt Ion:244 Resp: 168519

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

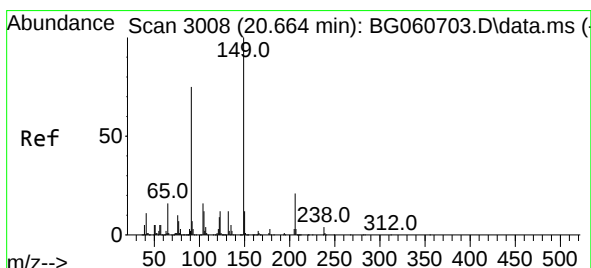
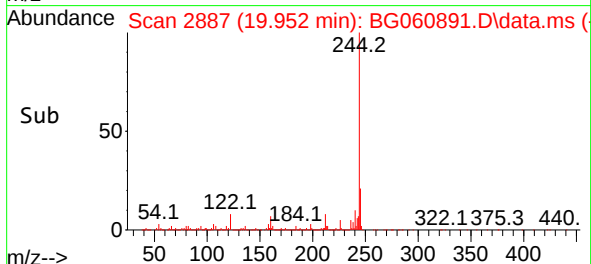
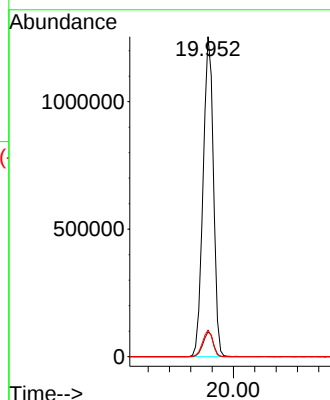
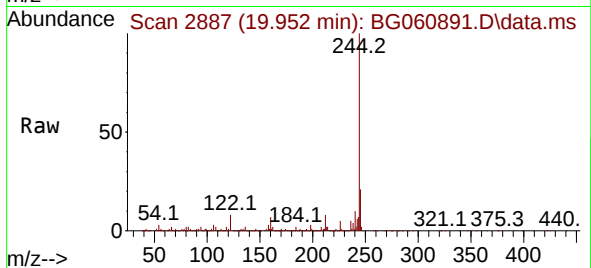
122 8.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#80

Butylbenzylphthalate

Concen: 40.813 ng

RT: 20.646 min Scan# 3005

Delta R.T. -0.018 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

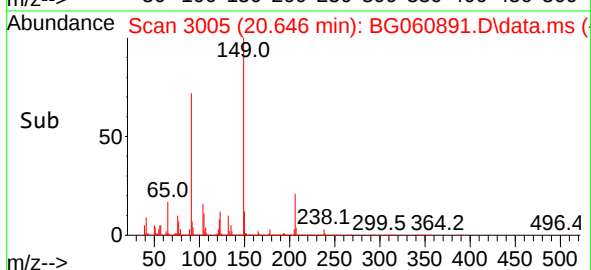
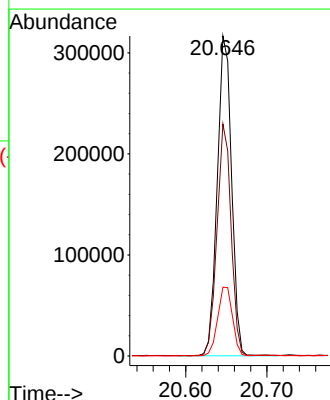
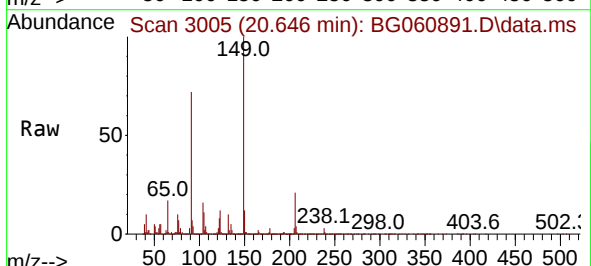
Tgt Ion:149 Resp: 387855

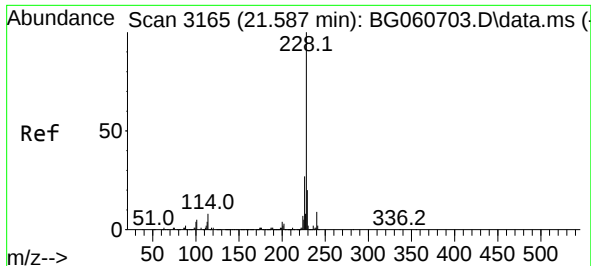
Ion Ratio Lower Upper

149 100

91 72.5 60.1 90.1

206 21.5 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.879 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

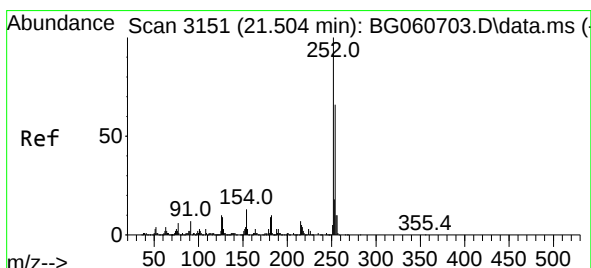
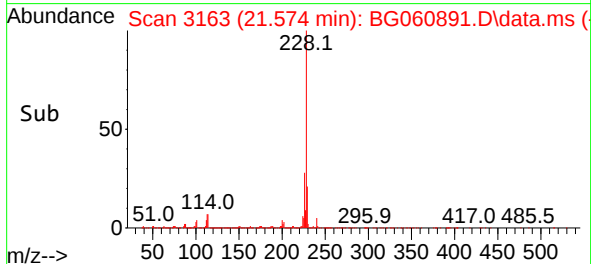
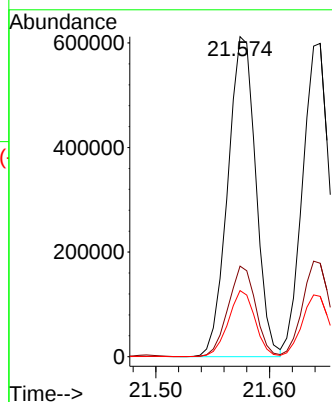
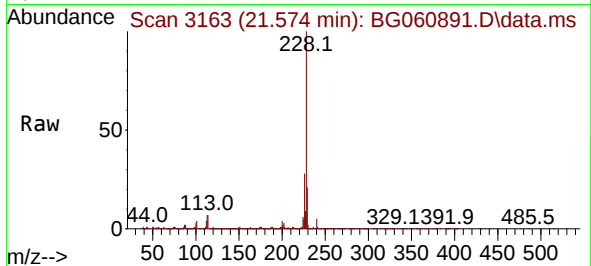
ClientSampleId :

PB160208BS

Tgt Ion:228 Resp: 1047080
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.7 15.8 23.8

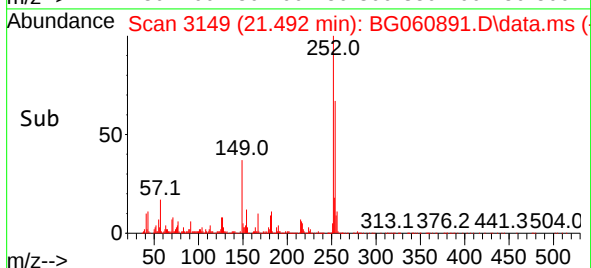
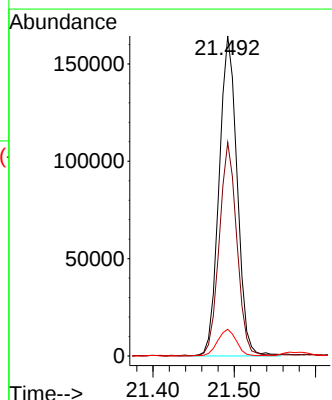
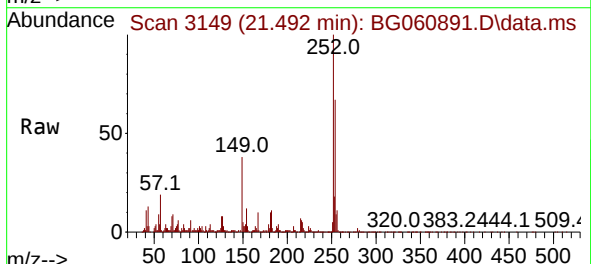
Manual Integrations
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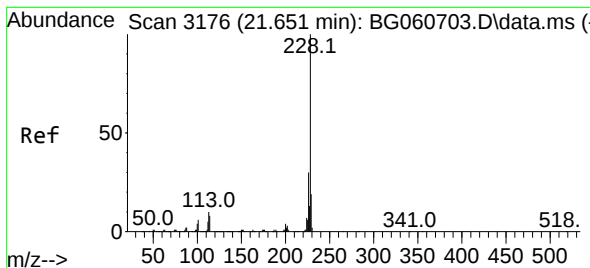
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 28.703 ng
RT: 21.492 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:252 Resp: 254471
Ion Ratio Lower Upper
252 100
254 66.8 52.6 78.8
126 8.4 7.8 11.8





#83

Chrysene

Concen: 38.864 ng

RT: 21.645 min Scan# 3176

Delta R.T. -0.007 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

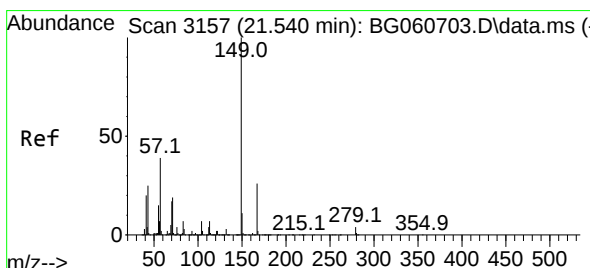
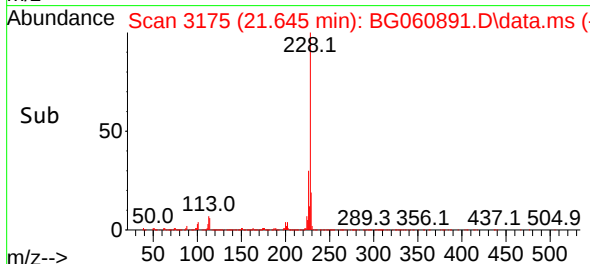
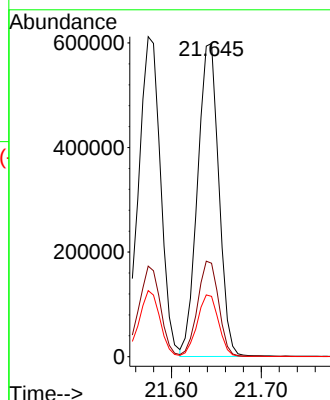
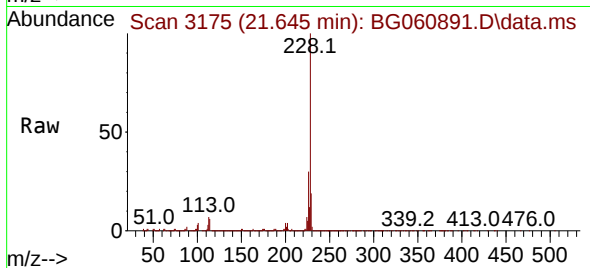
Tgt Ion:	228	Resp:	98355
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.2	36.4
229	19.2	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.715 ng

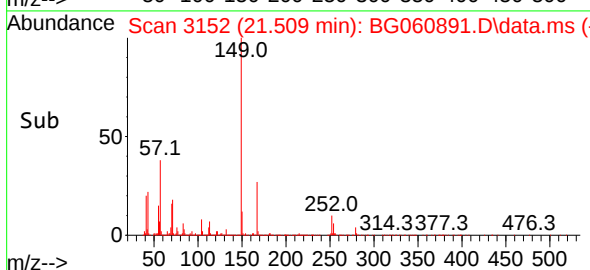
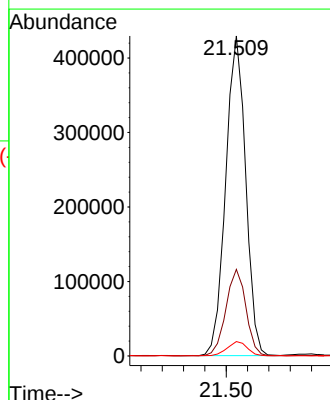
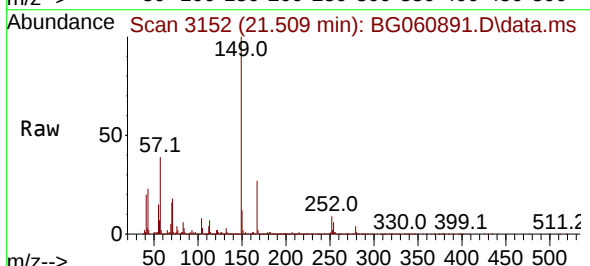
RT: 21.509 min Scan# 3152

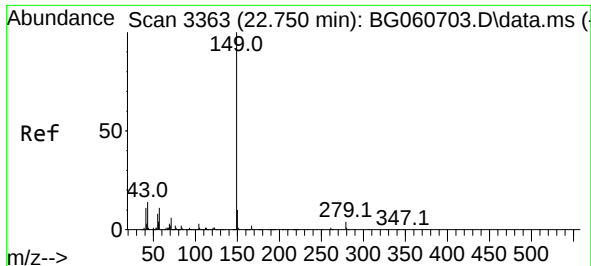
Delta R.T. -0.030 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Tgt Ion:	149	Resp:	556119
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.6	30.8
279	4.5	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 39.118 ng
RT: 22.702 min Scan# 31
Delta R.T. -0.048 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

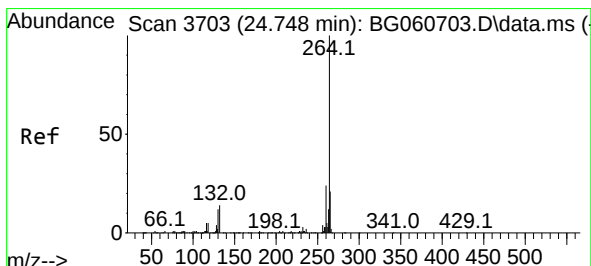
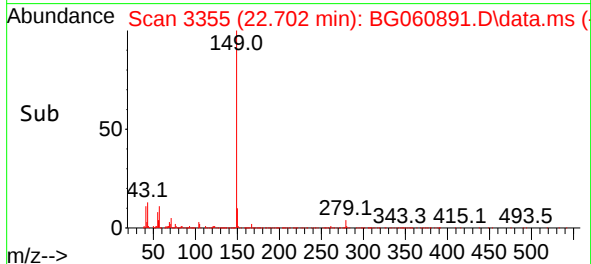
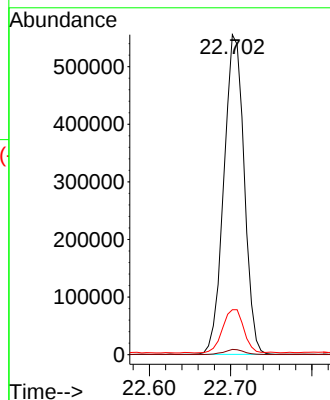
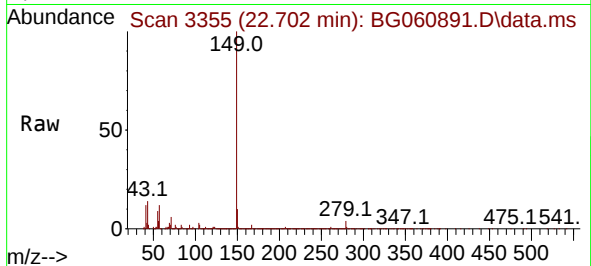
ClientSampleId :

PB160208BS

Tgt Ion:149 Resp: 96525
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.2 11.3 16.9

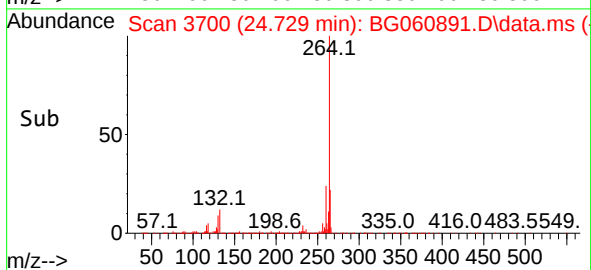
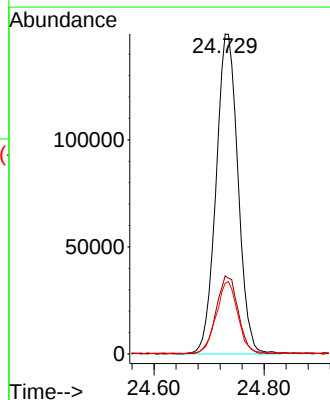
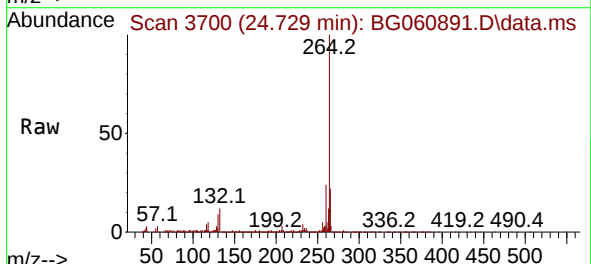
Manual Integrations
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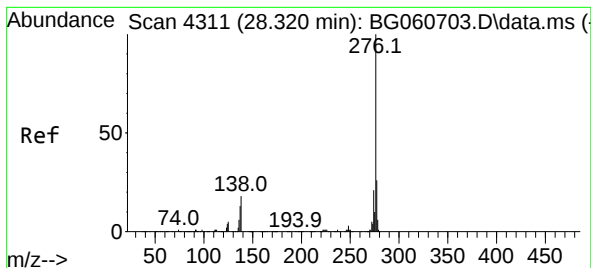
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.729 min Scan# 3700
Delta R.T. -0.018 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:264 Resp: 413390
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.085 ng

RT: 28.301 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Tgt Ion:276 Resp: 125423

Ion Ratio Lower Upper

276 100

138 12.4 12.4 18.6

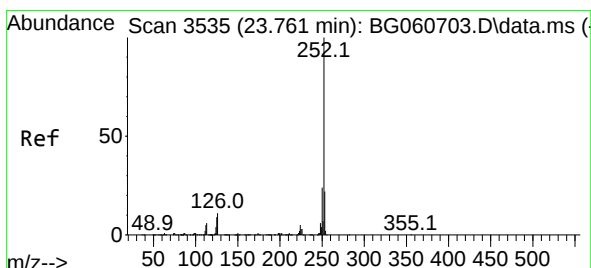
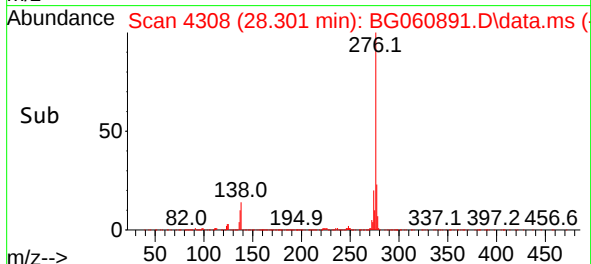
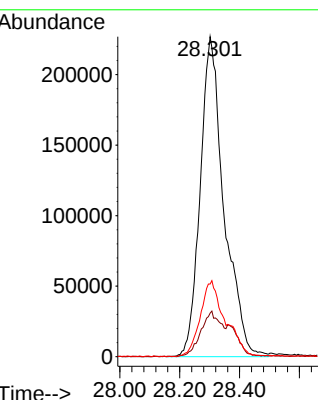
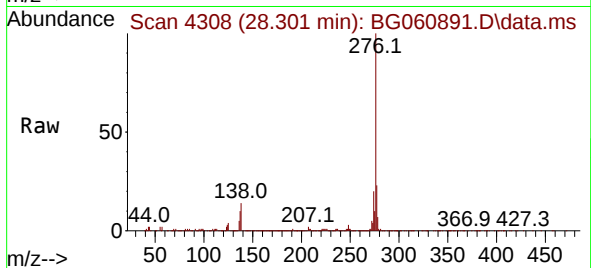
277 24.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 43.065 ng

RT: 23.742 min Scan# 3532

Delta R.T. -0.018 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

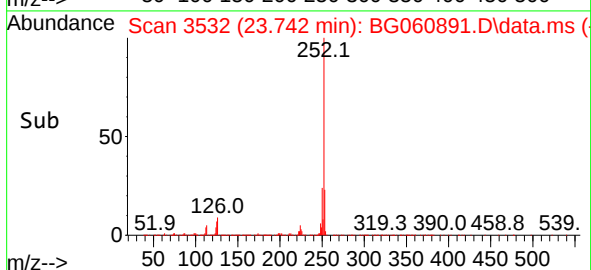
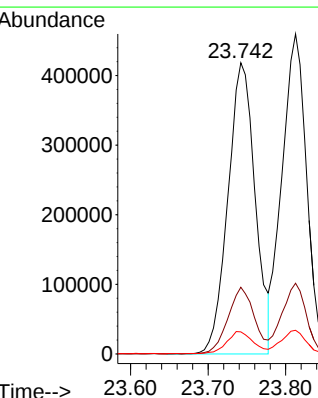
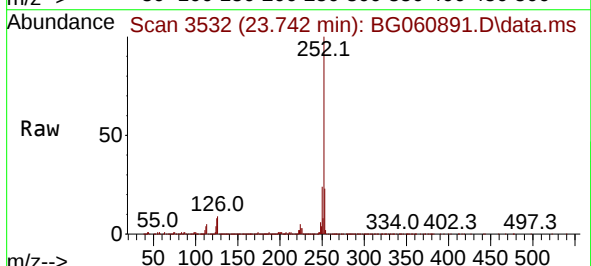
Tgt Ion:252 Resp: 1022766

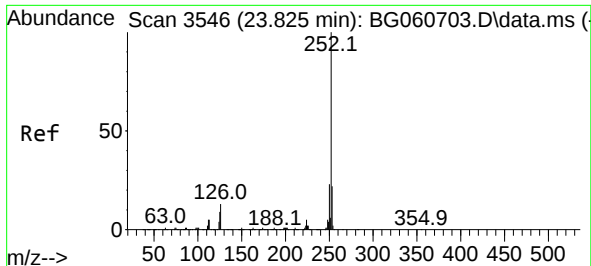
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 7.6 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 41.437 ng m
RT: 23.813 min Scan# 3546
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

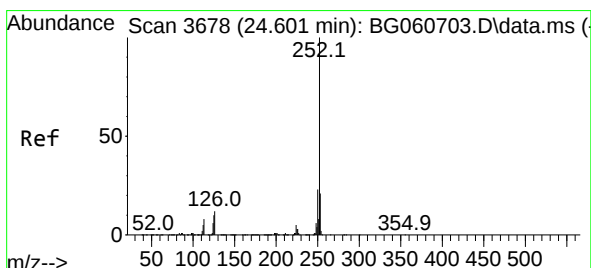
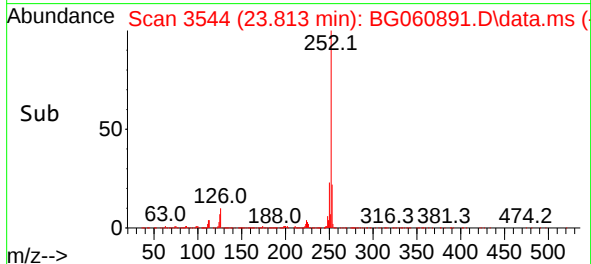
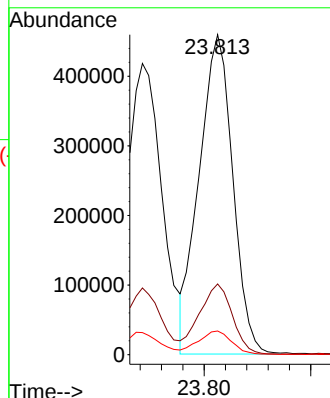
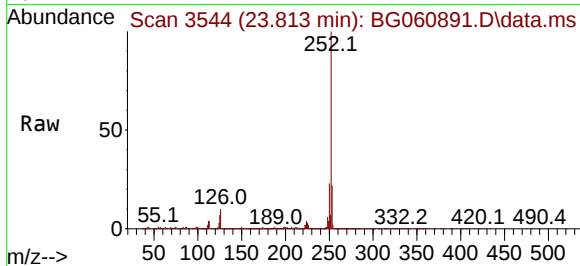
ClientSampleId :

PB160208BS

Tgt Ion:252 Resp: 100725
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.4 7.5 11.3

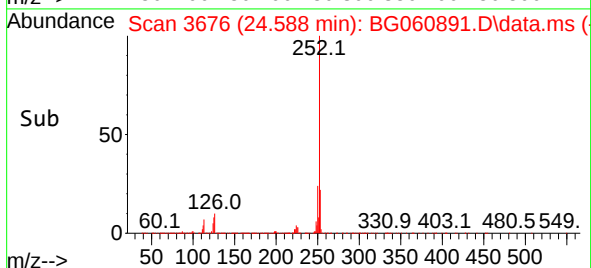
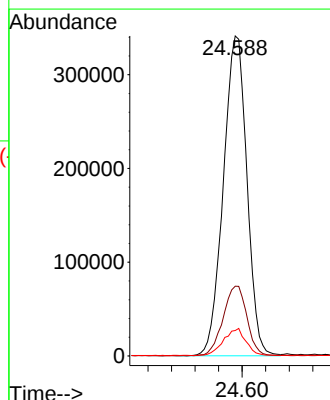
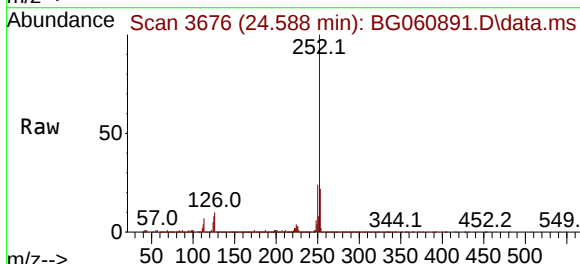
Manual Integrations
APPROVED

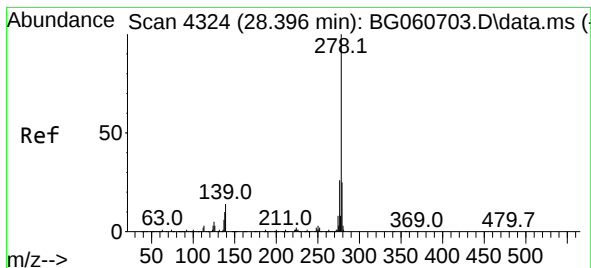
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 41.074 ng
RT: 24.588 min Scan# 3676
Delta R.T. -0.013 min
Lab File: BG060891.D
Acq: 13 Apr 2024 13:06

Tgt Ion:252 Resp: 947974
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 8.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 42.058 ng

RT: 28.378 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Tgt Ion:278 Resp: 1032100

Ion Ratio Lower Upper

278 100

139 10.1 11.1 16.7

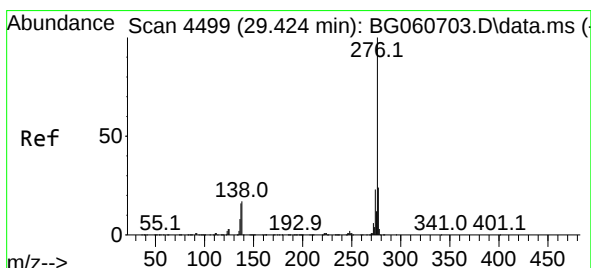
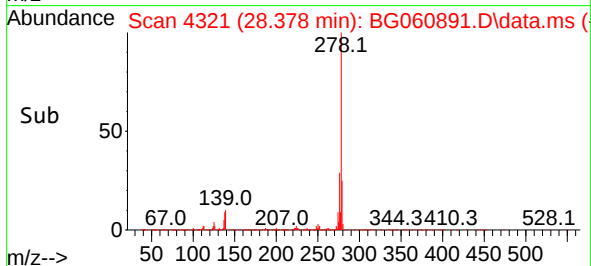
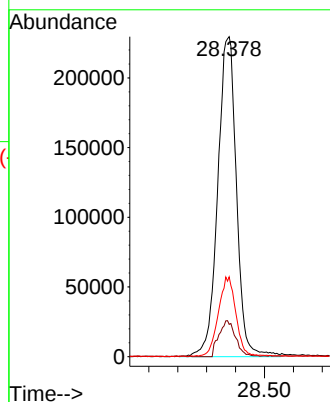
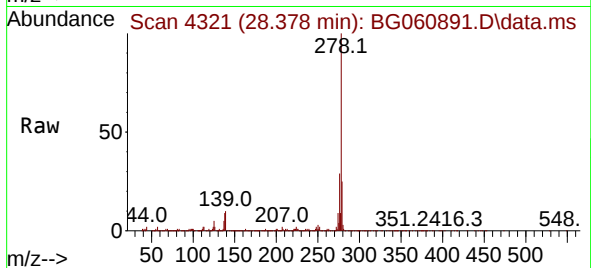
279 24.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 40.047 ng

RT: 29.418 min Scan# 4498

Delta R.T. -0.007 min

Lab File: BG060891.D

Acq: 13 Apr 2024 13:06

Tgt Ion:276 Resp: 955993

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 14.9 14.0 21.0

